"Experimental and Detailed Kinetic Model for the Oxidation of a Gas to Liquid Jet Fuel"

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CHEMKIN INTERPRETER OUTPUT: CHEMKIN-II Version 3.9 Aug. 1994 DOUBLE PRECISION

	MENTS SIDERED	ATOMIC WEIGHT
	c h	12.0120 1.00797 15.9994
4	· ·	14.000
4.	n	14.0067
5.	ar	39.9500

P H

SPECIES CONSIDERED	H A S E	A R G E	MOLECULAR WEIGHT	TEMPER LOW	RATURE HIGH	ELI		O TI	COUI n	NT ar
	G	0	102.18298		5000		14	1	0	0
	G	0	2.01594	300	5000	0	2	0	0	0
	G	0	31.99880	200	6000	0	0	2	0	0
	G	0	28.01140	300	5000	1	0	1	0	0
5. co2	G	0	44.01080	300	5000	1	0	2	0	0
	G	0	30.02734	300	5000	1	2	1	0	0
	G	0	28.05588	300	5000	2	4	0	0	0
8. ch4	G	0	16.04388	300	5000	1	4	0	0	0
9. c2h6	G	0	30.07182	300	5000	2	6	0	0	0
	G	0	26.03994	300	5000	2	2	0	0	0
11. c3h8	G	0	44.09976	300	5000	3	8	0	0	0
12. c3h6	G	0	42.08382	300	5000	3	6	0	0	0
13. c4h10	G	0	58.12770	300	5000	4	10	0	0	0
14. c4h8	G	0	56.11176	300	5000	4	8	0	0	0
15. nc5h12	G	0	72.15564	300	5000	5	12	0	0	0
16. ic4h8	G	0	56.11176	300	5000	4	8	0	0	0
17. c5h10	G	0	70.13970	200	6000	5	10	0	0	0
18. c6h14	G	0	86.18358	300	5000	6	14	0	0	0
19. c6h12-1	G	0	84.16764	200	6000	6	12	0	0	0
20. ch3hco	G	0	44.05528	300	5000	2	4	1	0	0
21. ethco	G	0	58.08322	300	5000	3	6	1	0	0
22. acrol	G	0	56.06728	300	5000	3	4	1	0	0
23. c4h6	G	0	54.09582	300	3000	4	6	0	0	0
24. c6h6	G	0	78.11982	300	5000	6	6	0	0	0
25. nc3h7hco	G	0	72.11116	300	5000	4	8	1	0	0
26. nc4h9hco	G	0	86.13910	300	5000	5	10	1	0	0
27. c5h11hco	G	0	100.16704	300	5000	6	12	1	0	0

28.	ch3oh	G	0	32.04328	300	5000	1	4	1	0	0
29.		G	0	44.05528	300	5000	2		1	0	0
				120.20364							
30.	<del>-</del>	G	0		300	3000			0	0	0
31.	_	G	0	126.25146	300	5000	9 1		0	0	0
32.	h2o	G	0	18.01534	300	5000	0	2	1	0	0
33.	CPD	G	0	66.10782	200	6000	5	6	0	0	0
34.	-	G	0	98.15110	300	5000			1	0	0
35.	chxe2oA	G	0	96.13516	300	5000	6	-	1	0	0
36.	chxe3oA	G	0	96.13516	300	5000	6	8	1	0	0
37.	cyc6h10	G	0	82.15170	300	5000	6 1	10	0	0	0
38.	che24one	G	0	94.11922	300	5000	6	6	1	0	0
39.		G	0	129.14193	300	5000	6		3	0	0
40.		G	0	58.08322	200	6000	3		1	0	0
41.	c2h5coc2h3	G	0	84.12316	300	5000	5	8	1	0	0
42.	mche1	G	0	96.17964	300	5000	7 1	12	0	0	0
43.	toluen	G	0	92.14776	200	6000	7	8	0	0	0
44.		G	0	106.17570	300	3000		_	0	0	0
	_										
45.	styren	G	0	104.15976	300	5000	8	-	0	0	0
46.	c6h5oh	G	0	94.11922	300	4000	6	6	1	0	0
47.	phhco	G	0	106.13122	300	5000	7	6	1	0	0
48.	isope	G	0	68.12376	300	5000	5	8	0	0	0
49.	h	G	0	1.00797	300	5000	0	-	0	0	0
50.	0	G	0	15.99940	300	5000	0		1	0	0
51.	oh	G	0	17.00737	200	6000	0	1	1	0	0
52.	ho2	G	0	33.00677	300	5000	0	1	2	0	0
53.	h2o2	G	0	34.01474	300	5000	0	2	2	0	0
54.	n2	G	0		300		0		0	2	0
				28.01340		5000					
55.	ar	G	0	39.95000	300	5000	0		0	0	1
56.	ch3	G	0	15.03591	300	5000	1	3	0	0	0
57.	ch2	G	0	14.02794	300	5000	1	2	0	0	0
58.	sch2	G	0	14.02794	300	4000	1		0	0	0
59.		G	0	13.01997	300	5000	1		0	0	0
60.	C	G	0	12.01200	300	5000	1		0	0	0
61.	ch3o	G	0	31.03531	300	5000	1	3	1	0	0
62.	ch2oh	G	0	31.03531	300	5000	1	3	1	0	0
63.	hco	G	0	29.01937	300	5000	1	1	1	0	0
64.	ch3o2	G	0	47.03471	300	5000	1		2	0	0
65.	ch3o2h	G	0	48.04268	300	5000	1		2	0	0
66.	o2cho	G	0	61.01817	300	5000	1		3	0	0
67.	ho2cho	G	0	62.02614	300	5000	1	2	3	0	0
68.	ocho	G	0	45.01877	300	5000	1	1	2	0	0
69.		G	0	46.02674	300	5000	1		2	0	0
	hoch2o	G	0	47.03471	300	5000	1		2	0	0
71.		G	0	29.06385	300	5000	2		0	0	0
72.		G	0	27.04791	300	5000	2		0	0	0
73.	c2h	G	0	25.03197	300	5000	2	1	0	0	0
74.	c2	G	0	24.02400	300	5000	2	0	0	0	0
75.		G	0	40.02340	300	5000	2	0	1	0	0
76.		G	0			5000	2		1	0	
				43.04731	300						0
77.		G	0	43.04731	300	5000	2		1	0	0
78.	ch2co	G	0	42.03934	300	5000	2	2	1	0	0
79.	hcco	G	0	41.03137	300	5000	2	1	1	0	0
80.		G	0	59.04671	300	5000	2		2	0	0
81.		G	0	75.04611	300	5000	2		3	0	0
82.		G	0	76.05408	300	5000	2		3	0	0
83.		G	0	46.07122	300	5000	2		1	0	0
84.	c2h5o	G	0	45.06325	300	5000	2	5	1	0	0
85.		G	0	61.06265	300	5000	2		2	0	0
86.		G	0	62.07062	300	5000	2		2	0	0
		G	0				2		2	0	
87.				61.06265	300	5000					0
88.	c2h2oh	G	0	43.04731	300	5000	2	3	1	0	0

	hccoh	G	0	42.03934	300	4000	2	2	1	0	0
90.	chocho	G	0	58.03874	300	5000	2	2	2	0	0
91.	choco	G	0	57.03077	300	5000	2	1	2	0	0
92.	c2h3o	G	0	43.04731	300	5000	2	3	1	0	0
93.	pc2h4oh	G	0	45.06325	300	5000	2	5	1	0	0
94.	-	G	0	77.06205	300	5000	2	5	3	0	0
95.	ch3choh	G	0	45.06325	300	5000	2	5	1	0	0
	nc3h7	G	0	43.09179	300	5000	3	7	0	0	0
97.	ic3h7	G	0	43.09179	300	5000	3	7	0	0	0
98.		G	0	41.07585	300	5000	3	5	0	0	0
								5 5			
	tc3h5	G	0	41.07585	300	4000	3		0	0	0
	sc3h5	G	0	41.07585	300	5000	3	5	0	0	0
	pc3h4	G	0	40.06788	300	5000	3	4	0	0	0
	ac3h4	G	0	40.06788	300	5000	3	4	0	0	0
	c3h3	G	0	39.05991	300	5000	3	3	0	0	0
104.	c3h2	G	0	38.05194	300	5000	3	2	0	0	0
105.	nc3h7o	G	0	59.09119	300	5000	3	7	1	0	0
106.	nc3h7oh	G	0	60.09916	300	5000	3	8	1	0	0
107.	ic3h7o	G	0	59.09119	300	5000	3	7	1	0	0
108.	c3h6o	G	0	58.08322	300	5000	3	6	1	0	0
	c3h6o1-3	G	0	58.08322	300	5000	3	6	1	0	0
	c3h5o	G	0	57.07525	300	5000	3	5	1	0	0
	c3h4oh	G	0	57.07525	300	5000	3	5	1	0	0
	c3h4o2h	G	0	73.07465	300	5000	3	5	2	0	0
	c3h4o2h	G	0	56.06728	300	5000	3	4	1	0	0
	c3h3o	G	0	55.05931	300	5000	3	3	1	0	0
		G	0				3	3 6	2	0	
	c3h5o2h			74.08262	300	5000					0
	c3h5e1q2	G	0	74.08262	300	5000	3	6	2	0	0
	c2h5co	G	0	57.07525	300	5000	3	5	1	0	0
	c2h3co	G	0	55.05931	300	5000	3	3	1	0	0
	ch2coch3	G	0	57.07525	200	6000	3	5	1	0	0
120.	c3h5oh	G	0	58.08322	300	5000	3	6	1	0	0
	c3h6oh	G	0	59.09119	300	5000	3	7	1	0	0
122.	o2c3h6oh	G	0	91.08999	300	5000	3	7	3	0	0
123.	ch3chco	G	0	56.06728	300	5000	3	4	1	0	0
124.	ch2ch2hco	G	0	57.07525	300	5000	3	5	1	0	0
125.	o2c2h4hco	G	0	89.07405	300	5000	3	5	3	0	0
126.	ho2c2h4co	G	0	89.07405	300	5000	3	5	3	0	0
127.	ho2c2h4hco	G	0	90.08202	300	5000	3	6	3	0	0
	oc2h4hco	G	0	73.07465	300	5000	3	5	2	0	0
129.	ch3cocho	G	0	72.06668	300	5000	3	4	2	0	0
130.	ch3coco	G	0	71.05871	300	5000	3	3	2	0	0
131.		G	0	71.05871	300	5000	3	3	2	0	0
	hcoch2hco	G	0	72.06668	300	5000	3	4	2	0	0
	hcoch2co	G	0	71.05871	300	5000	3	3	2	0	0
	ch3coch2o2	G	0	89.07405	300	5000	3	5	3	0	0
		G	0				3	5	2	0	
	ch3coch2o			73.07465	300	5000		5 6			0
	ch3coch2o2h	G	0	90.08202	300	5000	3		3	0	0
	propynal	G	0	54.05134	300	5000	3	2	1	0	0
	c2hco	G	0	53.04337	300	5000	3	1	1	0	0
139.	ic4h9	G	0	57.11973	300	5000	4	9	0	0	0
140.		G	0	57.11973	300	5000	4	9	0	0	0
141.	ic4h7	G	0	55.10379	300	3000	4	7	0	0	0
142.	c4h4o	G	0	68.07928	300	5000	4	4	1	0	0
	c3h4hco	G	0	69.08725	300	5000	4	5	1	0	0
144.	c3h3hco	G	0	68.07928	300	5000	4	4	1	0	0
145.	c3h3co	G	0	67.07131	300	5000	4	3	1	0	0
146.	pc4h9	G	0	57.11973	200	6000	4	9	0	0	0
147.	sc4h9	G	0	57.11973	200	6000	4	9	0	0	0
148.	t2c4h8	G	0	56.11176	300	5000	4	8	0	0	0
	c2c4h8	G	0	56.11176	300	5000	4	8	0	0	0

150.	Ac4h7-1	G	0	55.10379	300	5000	4	7	0	0	0
151	Cc4h7-1	G	0	55.10379	300	3000	4	7	0	0	0
	Dc4h7-1	G	0	55.10379	300	5000	4	7	0	0	0
	butyne	G	0	54.09582	300	5000	4	6	0	0	0
	butyn2	G	0	54.09582	300	5000	4	6	0	0	0
	meall	G	0	54.09582	300	3000	4	6	0	0	0
156.	ic4h5	G	0	53.08785	300	5000	4	5	0	0	0
157.	nc4h5	G	0	53.08785	300	5000	4	5	0	0	0
158.	c4h4	G	0	52.07988	300	4000	4	4	0	0	0
159.	nc4h3	G	0	51.07191	300	5000	4	3	0	0	0
	ic4h3	G	0	51.07191	300	5000	4	3	0	0	0
	c4h2	G	0	50.06394	300	5000	4	2	0	0	0
	-										
	c3h7co	G	0	71.10319	300	5000	4	7	1	0	0
	c4h7oh	G	0	72.11116	300	5000	4	8	1	0	0
164.	ac3h5hco	G	0	70.09522	300	5000	4	6	1	0	0
165.	ac3h5co	G	0	69.08725	300	5000	4	5	1	0	0
166.	c2h3chcho	G	0	69.08725	300	5000	4	5	1	0	0
167.	c4h8o2	G	0	88.11056	300	5000	4	8	2	0	0
	butanone	G	0	72.11116	300	5000	4	8	1	0	0
169.		G	0	70.09522	300	5000	4	6	1	0	0
								5	1		
	ch2coc2h3	G	0	69.08725	300	5000	4			0	0
171.		G	0	96.17964	300	5000		12	0	0	0
172.	h2c4o	G	0	66.06334	300	5000	4	2	1	0	0
173.	c4h	G	0	49.05597	300	5000	4	1	0	0	0
174.	c4h6o2h	G	0	87.10259	300	5000	4	7	2	0	0
175.	hoc4h6	G	0	71.10319	300	5000	4	7	1	0	0
176.	ch3chch2hco	G	0	71.10319	300	5000	4	7	1	0	0
	c3h6cho-1	G	0	71.10319	300	5000	4	7	1	0	0
	ch3coc2h4p	G	0	71.10319	300	5000	4	7	1	0	0
	<del>-</del>	_					4	7	3		
	ch3coc2h4o2	G	0	103.10199	300	5000				0	0
	ch3coc2h4o2h	G	0	104.10996	300	5000	4	8	3	0	0
	ch3coc2h4o	G	0	87.10259	300	5000	4	7	2	0	0
182.	c2h5coch2	G	0	71.10319	300	5000	4	7	1	0	0
183.	c2h5coch2o2	G	0	103.10199	300	5000	4	7	3	0	0
184.	c2h5coch2o2h	G	0	104.10996	300	5000	4	8	3	0	0
185.	c2h5coch2o	G	0	87.10259	300	5000	4	7	2	0	0
186	c4h7hco-1	G	0	84.12316	300	5000	5	8	1	0	0
	c4h7co-1	G	0	83.11519	300	5000	5	7	1	0	0
188.	c4h8hco-2	G	0	85.13113	300	5000	5	9	1	0	0
		_	-				_	-	_	-	
	c4h7hco-2	G	0	84.12316	300	5000	5	8	1	0	0
	c4h7co-2	G	0	83.11519	300	5000	5	7	1	0	0
	Ac5h11	G	0	71.14767	300	5000		11	0	0	0
192.		G	0	71.14767	300	5000	5	11	0	0	0
193.	Cc5h11	G	0	71.14767	300	5000	5	11	0	0	0
194.	c2c5h10	G	0	70.13970	300	5000	5	10	0	0	0
195.	t2c5h10	G	0	70.13970	300	5000	5	10	0	0	0
	Ac5h9-1	G	0	69.13173	300	5000	5	9	0	0	0
	Bc5h9-1	G	0	69.13173	300	5000	5	9	0	0	0
	Cc5h9-1	G	0	69.13173	200	6000	5	9	0	0	0
	Dc5h9-1	G	0	69.13173	300	5000	5	9	0	0	0
	Ec5h9-1	G	0	69.13173	300	5000	5	9	0	0	0
201.	Dc5h9-2	G	0	69.13173	300	5000	5	9	0	0	0
202.	nc4h9co	G	0	85.13113	300	5000	5	9	1	0	0
203.	c3h7coch3	G	0	86.13910	300	5000	5	10	1	0	0
204.	c5h9oh	G	0	86.13910	300	5000	5	10	1	0	0
	c5h8-12	G	0	68.12376	300	5000	5	8	0	0	0
	c5h8-13	G	0	68.12376	300	5000	5	8	0	0	0
	c5h8-14	G	0	68.12376	300	5000	5	8	0	0	0
	c5h7	G	0	67.11579	300		5	7	0	0	0
						5000					
	ch3coc3h6o2-1	G	0	117.12993	300	5000	5	9	3	0	0
∠⊥0.	ch3coc3h6o2h-1	G	0	118.13790	300	5000	5	10	3	0	0

211.	ch3coc3h6o-1	G	0	101.13053	300	5000	5 9	2	0	0
212.	isoph	G	0	69.13173	300	5000	5 9	0	0	0
213.	isopy	G	0	67.11579	300	5000	5 7	0	0	0
214.	Ac6h13	G	0	85.17561	300	5000	6 13	0	0	0
215.	Bc6h13	G	0	85.17561	300	5000	6 13	0	0	0
216.	Cc6h13	G	0	85.17561	300	5000	6 13	0	0	0
217.	c6h12-2	G	0	84.16764	200	6000	6 12	0	0	0
218.	c6h12-3	G	0	84.16764	200	6000	6 12	0	0	0
219.	Cc6h11-1	G	0	83.15967	300	5000	6 11	0	0	0
220.	Fc6h11-1	G	0	83.15967	300	5000	6 11	0	0	0
221.	Ac6h11-3	G	0	83.15967	300	5000	6 11	0	0	0
222.	Bc6h11-3	G	0	83.15967	300	5000	6 11	0	0	0
223.	c6h10-13	G	0	82.15170	200	6000	6 10	0	0	0
224.	c6h10-15	G	0	82.15170	300	5000	6 10	0	0	0
225.	c6h9	G	0	81.14373	300	5000	6 9	0	0	0
226.	c5h11co	G	0	99.15907	300	5000	6 11	1	0	0
227.	nc7h16	G	0	100.21152	300	5000	7 16	0	0	0
228.	Ac7h15	G	0	99.20355	300	5000	7 15	0	0	0
229.	Bc7h15	G	0	99.20355	300	5000	7 15	0	0	0
230.	Cc7h15	G	0	99.20355	300	5000	7 15	0	0	0
231.	Dc7h15	G	0	99.20355	300	5000	7 15	0	0	0
	c7h14-1	G	0	98.19558	200	6000	7 14	0	0	0
	c7h14-2	G	0	98.19558	300	5000	7 14	0	0	0
	c7h14-3	G	0	98.19558	300	5000	7 14	0	0	0
	c7h12-13	G	0	96.17964	300	5000	7 12	0	0	0
236.	c7h12-16	G	0	96.17964	300	5000	7 12	0	0	0
	Cc7h13-1	G	0	97.18761	300	5000	7 13	0	0	0
	Dc7h13-2	G	0	97.18761	300	5000	7 13	0	0	0
239.	Ec7h13-3	G	0	97.18761	300	5000	7 13	0	0	0
240.	Dc7h13-1	G	0	97.18761	300	5000	7 13	0	0	0
241.	Ac7h13-3	G	0	97.18761	300	5000	7 13	0	0	0
242.	c6h13hco	G	0	114.19498	300	5000	7 14	1	0	0
243.	c6h13co	G	0	113.18701	300	5000	7 13	1	0	0
244.	c7h14rohAB	G	0	115.20295	300	5000	7 15	1	0	0
245.	c7h14qjohAB	G	0	147.20175	300	5000	7 15	3	0	0
246.	c7h14rohBC	G	0	115.20295	300	5000	7 15	1	0	0
247.	c7h14qjohBC	G	0	147.20175	300	5000	7 15	3	0	0
248.	c7h14rohCD	G	0	115.20295	300	5000	7 15	1	0	0
249.	c7h14qjohCD	G	0	147.20175	300	5000	7 15	3	0	0
250.	p2c4h614	G	0	97.18761	300	3000	7 13	0	0	0
251.	p2c4h513	G	0	96.17964	300	3000	7 12	0	0	0
252.	P2c4h4134	G	0	95.17167	300	3000	7 11	0	0	0
253.	nc8h18	G	0	114.23946	200	6000	8 18	0	0	0
254.	Ac8h17	G	0	113.23149	300	5000	8 17	0	0	0
255.	Bc8h17	G	0	113.23149	300	5000	8 17	0	0	0
256.	Cc8h17	G	0	113.23149	300	5000	8 17	0	0	0
257.	Dc8h17	G	0	113.23149	300	5000	8 17	0	0	0
258.	c8h16-1	G	0	112.22352	200	6000	8 16	0	0	0
259.	c8h16-2	G	0	112.22352	300	5000	8 16	0	0	0
260.	c8h16-3	G	0	112.22352	300	5000	8 16	0	0	0
261.	c8h16-4	G	0	112.22352	300	5000	8 16	0	0	0
262.	Cc8h15-1	G	0	111.21555	300	5000	8 15	0	0	0
263.	Hc8h15-1	G	0	111.21555	300	5000	8 15	0	0	0
264.	Dc8h15-2	G	0	111.21555	300	5000	8 15	0	0	0
265.	Ec8h15-3	G	0	111.21555	300	5000	8 15	0	0	0
266.	c8h14	G	0	110.20758	300	5000	8 14	0	0	0
267.	c8h16rohAB	G	0	129.23089	300	5000	8 17	1	0	0
268.	c8h16rohBC	G	0	129.23089	300	5000	8 17	1	0	0
269.	c8h16rohCD	G	0	129.23089	300	5000	8 17	1	0	0
	c8h16rohDE	G	0	129.23089	300	5000	8 17	1	0	0
271.	c8h16qjohAB	G	0	161.22969	300	5000	8 17	3	0	0

272.	c8h16qjohBC	G	0	161.22969	300	5000	8 17	3	0	0
	c8h16qjohCD	G	0	161.22969	300	5000	8 17	3	0	0
	c8h16qjohDE	G	0	161.22969	300	5000	8 17	3	0	0
	c7h15hco	G	0	128.22292	300	5000	8 16	1	0	0
276.	c7h15co	G	0	127.21495	300	5000	8 15	1	0	0
277.	nc9h20	G	0	128.26740	200	6000	9 20	0	0	0
278.	Ac9h19	G	0	127.25943	200	6000	9 19	0	0	0
	Bc9h19	G	0	127.25943	300	5000	9 19	0	0	0
	Cc9h19	G	0	127.25943	300	5000	9 19	0	0	0
	Dc9h19	G	0	127.25943	300	5000	9 19	0	0	0
	Ec9h19	G	0	127.25943	300	5000	9 19	0	0	0
283.	c9h18-1	G	0	126.25146	300	5000	9 18	0	0	0
284.	c9h18-2	G	0	126.25146	300	5000	9 18	0	0	0
285.	c9h18-3	G	0	126.25146	300	5000	9 18	0	0	0
	c9h18-4	G	0	126.25146	300	5000	9 18	0	0	0
	Cc9h17-1	G	0	125.24349	300	5000	9 17	0	0	0
	Dc9h17-2	G	0	125.24349	300	5000	9 17	0	0	0
	Ec9h17-3	G	0	125.24349	300	5000	9 17	0	0	0
290.	Fc9h17-4	G	0	125.24349	300	5000	9 17	0	0	0
291.	c9h16	G	0	124.23552	300	5000	9 16	0	0	0
292.	c8h17hco	G	0	142.25086	300	5000	9 18	1	0	0
	c8h17co	G	0	141.24289	300	5000	9 17	1	0	0
	nc10h22	G	0	142.29534	200	6000	10 22	0	0	0
	Ac10h21	G	0	141.28737	300	5000	10 21	0	0	0
	Bc10h21	G	0	141.28737	300	5000	10 21	0	0	0
297.	Cc10h21	G	0	141.28737	300	5000	10 21	0	0	0
298.	Dc10h21	G	0	141.28737	300	5000	10 21	0	0	0
299.	Ec10h21	G	0	141.28737	300	5000	10 21	0	0	0
	c10h20-1	G	0	140.27940	300	5000	10 20	0	0	0
	c10h20-2	G	0	140.27940	300	5000	10 20	0	0	0
	c10h20-3	G	0	140.27940	300	5000	10 20	0	0	0
	c10h20-4	G	0	140.27940	300	5000	10 20	0	0	0
304.	c10h20-5	G	0	140.27940	300	5000	10 20	0	0	0
305.	Cc10h19-1	G	0	139.27143	300	5000	10 19	0	0	0
306.	Dc10h19-2	G	0	139.27143	300	5000	10 19	0	0	0
307.	Ec10h19-3	G	0	139.27143	300	5000	10 19	0	0	0
	Fc10h19-4	G	0	139.27143	300	5000	10 19	0	0	0
	c10h20rohAB	G	0	157.28677	300	5000	10 15	1	0	0
	c10h20qjohAB	G	0	189.28557	300	5000	10 21	3	0	0
	c10h20rohBC	G	0	157.28677	300	5000	10 21	1	0	0
312.	c10h20qjohBC	G	0	189.28557	300	5000	10 21	3	0	0
313.	c10h20rohCD	G	0	157.28677	300	5000	10 21	1	0	0
314.	c10h20qjohCD	G	0	189.28557	300	5000	10 21	3	0	0
	c10h20rohDE	G	0	157.28677	300	5000	10 21	1	0	0
	c10h20qjohDE	G	0	189.28557	300	5000	10 21	3	0	0
	c10h20qjoHEF	G	0	157.28677	300	5000	10 21	1	0	0
	c10h20qjohEF	G	0	189.28557	300	5000	10 21	3	0	0
	cyc6h12	G	0	84.16764	300	5000	6 12	0	0	0
320.	cyc6h11	G	0	83.15967	300	5000	6 11	0	0	0
321.	cyc6h9	G	0	81.14373	300	5000	6 9	0	0	0
322.	Bchxone	G	0	97.14313	300	5000	6 9	1	0	0
	Cchxone	G	0	97.14313	300	5000	6 9	1	0	0
	Dchxone	G	0	97.14313	300	5000	6 9	1	0	0
	Dchxe2oA	G	0	95.12719	300	5000	6 7	1	0	0
	Fc6e1oC	G	0	97.14313	300	5000	6 9	1	0	0
	c6e5oA	G	0	98.15110	300	5000	6 10	1	0	0
328.	c6e5oyA	G	0	97.14313	300	5000	6 9	1	0	0
	Ac6e5oC	G	0	97.14313	300	5000	6 9	1	0	0
	Ac6e5oB	G	0	97.14313	300	5000	6 9	1	0	0
	Ac6e3e5oB	G	0	95.12719	300	5000	6 7	1	0	0
332.		G	0						0	
<i>33</i> ∠.	mC11	G	U	98.19558	300	5000	7 14	0	U	0

333.	mchA	G	0	97.18761	300	5000	7 13	0	0	0
334.	mchB	G	0	97.18761	300	5000	7 13	0	0	0
335.	Amche1	G	0	95.17167	300	5000	7 11		0	0
	Cmche1	G	0	95.17167	300	5000	7 11		0	0
337.	Dmche1	G	0	95.17167	300	5000	7 11	0	0	0
338.	BmchohA	G	0	113.18701	300	5000	7 13	1	0	0
339.		G	0	145.18581	300	5000	7 13		0	0
		_								
340.		G	0	94.16370	300	5000			0	0
341.	mche14	G	0	94.16370	300	5000	7 10	0	0	0
342.	Emche13	G	0	93.15573	300	5000	7 9	0	0	0
343.	Gmche13	G	0	93.15573	300	5000	7 9	0	0	0
	Fmche14	G	0	93.15573	300	5000	7 9		0	0
							7 9			
	Gmche14	G	0	93.15573	300	5000			0	0
	mche135	G	0	92.14776	300	5000	7 8		0	0
347.	mche136	G	0	92.14776	300	5000	7 8	0	0	0
348.	mche1oC	G	0	110.16310	300	5000	7 10	1	0	0
	mchoA	G	0	112.17904	300	5000	7 12		0	0
	mche2oA									
350.		G	0	110.16310	300	5000	7 10		0	0
351.	chxco	G	0	111.17107	300	5000	7 11		0	0
352.	mche2oya	G	0	109.15513	300	5000	7 9	1	0	0
353.	mchoAoC	G	0	126.16250	300	5000	7 10	2	0	0
	mchoyAoC	G	0	125.15453	300	5000	7 9		0	0
	_									
	mchoAoD	G	0	126.16250	300	5000	7 10		0	0
	mchoyAoD	G	0	125.15453	300	5000	7 9		0	0
357.	AmchoD	G	0	111.17107	300	5000	7 11	1	0	0
358.	AmchoC	G	0	111.17107	300	5000	7 11	1	0	0
359.	Gc7h13-1	G	0	97.18761	300	5000	7 13	0	0	0
360.		G	0	111.17107	300	5000	7 11		0	0
	-									
	Gc7e1oC	G	0	111.17107	300	5000	7 11		0	0
362.	Ec5e1oC	G	0	83.11519	300	5000	5 7		0	0
363.	Ac7e6oB	G	0	111.17107	300	5000	7 11	1	0	0
364.	Gc7e1oD	G	0	111.17107	300	5000	7 11	1	0	0
	Ac5e4oB	G	0	83.11519	300	5000	5 7		0	0
		G					7 11			0
	Gc7e1oF		0	111.17107	300	5000			0	
	c6h7C	G	0	79.12779	300	5000	6 7	0	0	0
368.	Lc6h7	G	0	79.12779	300	5000	6 7	0	0	0
369.	Lc6h6	G	0	78.11982	300	5000	6 6	0	0	0
370.	Lc6h4	G	0	76.10388	300	5000	6 4	0	0	0
371.	U-c6h5	G	0	77.11185	300	5000	6 5		0	0
			-					-	-	
	chxe1rD	G	0	81.14373	300	5000	6 9		0	0
373.		G	0	80.13576	300	5000	6 8		0	0
374.	chd14	G	0	80.13576	300	5000	6 8	0	0	0
375.	cyc6h9o	G	0	97.14313	300	5000	6 9	1	0	0
376.	Fc6e3oAoE	G	0	111.12659	300	5000	6 7	2	0	0
	Dc6e5oAoC	G	0	111.12659	300	5000	6 7		0	0
	Fc6e5oA	G	0	97.14313	300	5000	6 9		0	0
379.	Fc6e2oA	G	0	97.14313	300	5000	6 9		0	0
380.	Fc6h9-13	G	0	81.14373	300	5000	6 9	0	0	0
381.	hex135	G	0	80.13576	300	5000	6 8	0	0	0
	sc3h5co	G	0	69.08725	300	5000	4 5		0	0
	Ac6h9-15	G	0	81.14373	300	5000	6 9		0	0
384.	c5h5	G	0	65.09985	200	6000	5 5		0	0
385.	c5h4oh	G	0	81.09925	200	6000	5 5	1	0	0
386.	c5h5o	G	0	81.09925	300	3000	5 5	1	0	0
387.		G	0	80.09128	200	6000	5 4		0	0
388.		G	0		300	5000	5 7		0	0
	cyc5h7			67.11579						
	cyc5h8	G	0	68.12376	200	5000	5 8		0	0
	hex1245	G	0	78.11982	300	5000	6 6		0	0
391.	c6h615	G	0	78.11982	300	5000	6 6	0	0	0
392.	mc6h6	G	0	78.11982	300	5000	6 6	0	0	0
393.		G	0	78.11982	300	5000	6 6		0	0
J J J .	_ ~ _ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	J	5	,0.11702	550	2000	5 0	J	5	J

394.	c6h5	G	0	77.11185	300	5000	6	5	0	0	0
395.		G	0	93.11125	300	4000	6	5	1	0	0
	c6h4o2	G			300	5000	6	4	2	0	0
			0	108.10268							
	c6h5o2	G	0	109.11065	200	6000	6	5	2	0	0
398.	c6h5o2h	G	0	110.11862	200	6000	6	6	2	0	0
399.	c6h3o2	G	0	107.09471	300	5000	6	3	2	0	0
	c6h3o3	G	0	123.09411	300	5000	6	3	3	0	0
							5	4	_		
	c5h4	G	0	64.09188	300	5000		_	0	0	0
402.	c5h3	G	0	63.08391	300	5000	5	3	0	0	0
403.	phch2	G	0	91.13979	200	6000	7	7	0	0	0
404.	phch2oh	G	0	108.14716	300	5000	7	8	1	0	0
	phch2o	G	0	107.13919	300	3000	7	7	1	0	0
	_					5000	7	5	1		
	phco	G	0	105.12325	300					0	0
	hoc6h4ch3	G	0	108.14716	300	5000	7	8	1	0	0
408.	oc6h4ch3	G	0	107.13919	300	5000	7	7	1	0	0
409.	Aphc2h4	G	0	105.16773	300	3000	8	9	0	0	0
	Bphc2h4	G	0	105.16773	300	3000	8	9	0	0	0
	ASTYRYL	G	0		300		8	7	0	0	0
				103.15179		5000		-			
	BSTYRYL	G	0	103.15179	300	5000	8	7	0	0	0
413.	phc2h	G	0	102.14382	300	3000	8	6	0	0	0
414.	c6h4c2h3	G	0	103.15179	300	5000	8	7	0	0	0
	phch2hco	G	0	120.15916	300	5000	8	8	1	0	0
	phch2co	G	0	119.15119	300	5000	8	7	1	0	0
								-			
	phcoch2	G	0	119.15119	300	5000	8	7	1	0	0
418.	c6h5cco	G	0	117.13525	300	5000	8	5	1	0	0
419.	pbzjA	G	0	119.19567	300	3000	9	11	0	0	0
420.	pbzjB	G	0	119.19567	300	3000	9	11	0	0	0
	pbzjC	G	0	119.19567	300	3000	9	11	0	0	0
	BPHPROPY	G	0	119.19567	300	3000	9	11	0	0	0
	phc3h5-1	G	0	118.18770	300	5000	9	10	0	0	0
424.	phc3h5-2	G	0	118.18770	300	5000	9	10	0	0	0
425.	phc3h4	G	0	117.17973	300	5000	9	9	0	0	0
	phc3h3	G	0	116.17176	300	5000	9	8	0	0	0
	_		0				9	10	1		0
	phc2h4hco	G		134.18710	300	5000				0	
	phc2h4co	G	0	133.17913	300	5000	9	9	1	0	0
429.	phch2coch2	G	0	133.17913	300	5000	9	9	1	0	0
430.	phcoc2h4	G	0	133.17913	300	5000	9	9	1	0	0
431.	_	G	0	132.17116	300	5000	9	8	1	0	0
432.	phc2h2co	G	0	131.16319	300	5000	9	7	1	0	0
	-	_	-				-	-		-	
	phcoc2h3	G	0	132.17116	300	5000	9	8	1	0	0
434.	_	G	0	135.19507	300	5000	9	11	1	0	0
435.	Aphc3h5ohB	G	0	135.19507	300	5000	9	11	1	0	0
436.	Cphc3h5ohB	G	0	135.19507	300	5000	9	11	1	0	0
437.	Bphc3h5ohC	G	0	135.19507	300	5000	9	11	1	0	0
	pbzohAqjB	G	0	167.19387	300	5000	9	11	3	0	0
	pbzohBqjA	G	0	167.19387	300	5000	9	11	3	0	0
440.		G	0	167.19387	300	5000	9	11	3	0	0
441.	pbzohCqjB	G	0	167.19387	300	5000	9	11	3	0	0
442.	Cophc3h4-1	G	0	133.17913	300	5000	9	9	1	0	0
	Aophc3h4-2	G	0	133.17913	300	5000	9	9	1	0	0
	ch3c6h4c2h3	G	0	118.18770	300	5000	9	10	0	0	0
	ch3c6h4c2h5	G	0	120.20364	300	5000	9	12	0	0	0
446.	c14h14	G	0	182.27958	300	3000	14	14	0	0	0
447.	napht	G	0	128.18376	300	5000	10	8	0	0	0
	biphenyl	G	0	154.22370	300	5000	12	10	0	0	0
	c10h9	G	0	129.19173	200	6000	10	9	0	0	0
	c10h10	G	0	130.19970	200	6000	10	10	0	0	0
	c6h4c2h	G	0	101.13585	300	3000	8	5	0	0	0
452.	Alc2hAC	G	0	127.17579	300	5000	10	7	0	0	0
453.	A2-X	G	0	127.17579	300	5000	10	7	0	0	0
454.		G	0	143.17519	300	5000	10	7	1	0	0
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455.	A2oh	G	0	144.18316	300	5000	10 8	1	0	0
456.	Alc2h3AC	G	0	129.19173	200	6000	10 9	0	0	0
457.	indenyl	G	0	115.16379	300	3000	9 7	0	0	0
458.	pchA	G	0	125.24349	300	5000	9 17	0	0	0
459.	pchB	G	0	125.24349	300	5000	9 17	0	0	0
460.	pchC	G	0	125.24349	300	5000	9 17	0	0	0
461.	pchD	G	0	125.24349	300	5000	9 17	0	0	0
462.	pchE	G	0	125.24349	300	5000	9 17	0	0	0
463.	pchF	G	0	125.24349	300	5000	9 17	0	0	0
464.	pchG	G	0	125.24349	300	5000	9 17	0	0	0
465.	pchqjA	G	0	157.24229	300	5000	9 17	2	0	0
466.	pchqjB	G	0	157.24229	300	5000	9 17	2	0	0
467.	pchqjC	G	0	157.24229	300	5000	9 17	2	0	0
468.	pchqjD	G	0	157.24229	300	5000	9 17	2	0	0
469.	pchqjE	G	0	157.24229	300	5000	9 17	2	0	0
470.	pchqjF	G	0	157.24229	300	5000	9 17	2	0	0
471.	pchqjG	G	0	157.24229	300	5000	9 17	2	0	0
472.	pchqA	G	0	158.25026	300	5000	9 18	2	0	0
473.	pchqB	G	0	158.25026	300	5000	9 18	2	0	0
474.	pchqC	G	0	158.25026	300	5000	9 18	2	0	0
	pchqD	G	0	158.25026	300	5000	9 18	2	0	0
	pchqE	G	0	158.25026	300	5000	9 18	2	0	0
	pchqF	G	0	158.25026	300	5000	9 18	2	0	0
	pchqG	G	0	158.25026	300	5000	9 18	2	0	0
	pchojA	G	0	141.24289	300	5000	9 17	1	0	0
	pchojB	G	0	141.24289	300	5000	9 17	1	0	0
481.	pchojC	G	0	141.24289	300	5000	9 17	1	0	0
	pchojD	G	0	141.24289	300	5000	9 17	1	0	0
483.	pchojE	G	0	141.24289	300	5000	9 17	1	0	0
484.	pchojF	G	0	141.24289	300	5000	9 17	1	0	0
	pchojG	G	0	141.24289	300	5000	9 17	1	0	0
	ApchqA	G	0	157.24229	300	5000	9 17	2	0	0
487.	BpchqA	G	0	157.24229	300	5000	9 17	2	0	0
	CpchqA	G	0	157.24229	300	5000	9 17	2	0	0
489.	DpchqA	G	0	157.24229	300	5000	9 17	2	0	0
490.	EpchqA	G	0	157.24229	300	5000	9 17	2	0	0
491.	FpchqA	G	0	157.24229	300	5000	9 17	2	0	0
492.	GpchqA	G	0	157.24229	300	5000	9 17	2	0	0
493.	ApchqB	G	0	157.24229	300	5000	9 17	2	0	0
494.	BpchqB	G	0	157.24229	300	5000	9 17	2	0	0
495.	CpchqB	G	0	157.24229	300	5000	9 17	2	0	0
496.	DpchqB	G	0	157.24229	300	5000	9 17	2	0	0
497.	EpchqB	G	0	157.24229	300	5000	9 17	2	0	0
498.	FpchqB	G	0	157.24229	300	5000	9 17	2	0	0
499.	GpchqB	G	0	157.24229	300	5000	9 17	2	0	0
500.	ApchqC	G	0	157.24229	300	5000	9 17	2	0	0
501.	BpchqC	G	0	157.24229	300	5000	9 17	2	0	0
502.	CpchqC	G	0	157.24229	300	5000	9 17	2	0	0
	DpchqC	G	0	157.24229	300	5000	9 17	2	0	0
504.	EpchqC	G	0	157.24229	300	5000	9 17	2	0	0
505.	FpchqC	G	0	157.24229	300	5000	9 17	2	0	0
506.	GpchqC	G	0	157.24229	300	5000	9 17	2	0	0
507.	ApchqD	G	0	157.24229	300	5000	9 17	2	0	0
508.	BpchqD	G	0	157.24229	300	5000	9 17	2	0	0
509.	CpchqD	G	0	157.24229	300	5000	9 17	2	0	0
510.	EpchqD	G	0	157.24229	300	5000	9 17	2	0	0
511.	FpchqD	G	0	157.24229	300	5000	9 17	2	0	0
512.		G	0	157.24229	300	5000	9 17	2	0	0
	ApchqE	G	0	157.24229	300	5000	9 17	2	0	0
514.	BpchqE	G	0	157.24229	300	5000	9 17	2	0	0
515.	CpchqE	G	0	157.24229	300	5000	9 17	2	0	0

S16.   DechqE   G   0   157, 24229   300   5000   9   17   2   0   158, FechqE   G   0   157, 24229   300   5000   9   17   2   0   159.   1											
517.         EpchqE         G         0         157, 24229         300         5000         9         17         2         0           518.         FpchqE         G         0         157, 24229         300         5000         9         17         2         0           520.         HechqE         G         0         157, 24229         300         5000         9         17         2         0           521.         ApchqF         G         0         157, 24229         300         5000         9         17         2         0           522.         BpchqF         G         0         157, 24229         300         5000         9         17         2         0           524.         DpchqF         G         0         157, 24229         300         5000         9         17         2         0           525.         EpchqF         G         0         157, 24229         300         5000         9         17         2         0           528.         ApchqG         G         0         157, 24229         300         5000         9         17         2         0           530.	516.	DpchqE	G	0	157.24229	300	5000	9 17	2	0	0
518. FpchqE         G         0         157,24229         300         5000         9         17         2         0           520. HpchqE         G         0         157,24229         300         5000         9         17         2         0           521. ApchqF         G         0         157,24229         300         5000         9         17         2         0           522. BpchqF         G         0         157,24229         300         5000         9         17         2         0           523. CpchqF         G         0         157,24229         300         5000         9         17         2         0           525. EpchqF         G         0         157,24229         300         5000         9         17         2         0           528. ApchqG         G         0         157,24229         300         5000         9         17         2         0           529. BpchqG         G         0         157,24229         300         5000         9         17         2         0           530. CpchqG         G         0         157,24229         300         5000         9         17<	517.		G	0		300	5000	9 17	2	0	0
519. GpchqE         G         0         157.24229         300         5000         9         17         2         0           521. ApchqF         G         0         157.24229         300         5000         9         17         2         0           522. BpchqF         G         0         157.24229         300         5000         9         17         2         0           523. CpchqF         G         0         157.24229         300         5000         9         17         2         0           524. DpchqF         G         0         157.24229         300         5000         9         17         2         0           525. EpchqF         G         0         157.24229         300         5000         9         17         2         0           528. ApchqG         G         0         157.24229         300         5000         9         17         2         0           529. BpchqG         G         0         157.24229         300         5000         9         17         2         0           530. CpchqG         G         0         157.24229         300         5000         9         17<											0
520.         Hychqe         G         0         157.24229         300         5000         9         17         2         0           521.         Apchqe         G         0         157.24229         300         5000         9         17         2         0           522.         Depchqe         G         0         157.24229         300         5000         9         17         2         0           524.         Depchqe         G         0         157.24229         300         5000         9         17         2         0           525.         Repchqe         G         0         157.24229         300         5000         9         17         2         0           528.         Apchqe         G         0         157.24229         300         5000         9         17         2         0           529.         Bpchqe         G         0         157.24229         300         5000         9         17         2         0           531.         Depchqe         G         0         157.24229         300         5000         9         17         2         0           532.         <											0
521. ApchaF         G         0         157.24229         300         5000         9         17         2         0           522. DechaF         G         0         157.24229         300         5000         9         17         2         0           524. DechaF         G         0         157.24229         300         5000         9         17         2         0           525. EpchaF         G         0         157.24229         300         5000         9         17         2         0           526. EpchaF         G         0         157.24229         300         5000         9         17         2         0           527. GechaF         G         0         157.24229         300         5000         9         17         2         0           528. ApchaG         G         0         157.24229         300         5000         9         17         2         0           530. CychaG         G         0         157.24229         300         5000         9         17         2         0           531. EpchaG         G         0         157.24229         300         5000         9         17<											0
522. BychqF         G         0         157.24229         300         5000         9         17         2         0           523. CychqF         G         0         157.24229         300         5000         9         17         2         0           524. PpchqF         G         0         157.24229         300         5000         9         17         2         0           525. BychqF         G         0         157.24229         300         5000         9         17         2         0           528. AychqG         G         0         157.24229         300         5000         9         17         2         0           529. BychqG         G         0         157.24229         300         5000         9         17         2         0           531. DychqG         G         0         157.24229         300         5000         9         17         2         0           534. GychqG         G         0         157.24229         300         5000         9         17         2         0           534. GychqG         G         0         157.24229         300         5000         9         17<											0
523. CpchqF         G         0         157.24229         300         5000         9         17         2         0           524. DpchqF         G         0         157.24229         300         5000         9         17         2         0           525. EpchqF         G         0         157.24229         300         5000         9         17         2         0           526. FpchqF         G         0         157.24229         300         5000         9         17         2         0           529. BpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           534. SpchqG         G         0         157.24229         300         5000         9         17         2         0           535. SpchqE         G         0         157.24229         300         5000         9         17<											0
524. DpchqF         G         0         157.24229         300         5000         9         17         2         0           525. EpchqF         G         0         157.24229         300         5000         9         17         2         0           526. FpchqF         G         0         157.24229         300         5000         9         17         2         0           528. ApchqG         G         0         157.24229         300         5000         9         17         2         0           530. CpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           533. FpchqG         G         0         157.24229         300         5000         9         17         2         0           536. HpchqF         G         0         157.24229         300         5000         9         17<			_								0
525.         EpchqF         G         0         157.24229         300         5000         9         17         2         0           526.         FpchqF         G         0         157.24229         300         5000         9         17         2         0           528.         ApchqG         G         0         157.24229         300         5000         9         17         2         0           529.         BpchqG         G         0         157.24229         300         5000         9         17         2         0           531.         DpchqG         G         0         157.24229         300         5000         9         17         2         0           532.         EpchqG         G         0         157.24229         300         5000         9         17         2         0           533.         EpchqG         G         0         157.24229         300         5000         9         17         2         0           534.         GpchqG         G         0         157.24229         300         5000         9         17         2         0           535.         I											0
526. PpchqF         G         0         157.24229         300         5000         9         17         2         0           528. ApchqG         G         0         157.24229         300         5000         9         17         2         0           529. BpchqG         G         0         157.24229         300         5000         9         17         2         0           530. CpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           533. EpchqG         G         0         157.24229         300         5000         9         17         2         0           536. HpchqE         G         0         157.24229         300         5000         9         17         2         0           537. IpchqE         G         0         157.24229         300         5000         9         17<											
527. GpchqF         G         0         157.24229         300         5000         9         17         2         0           528. ApchqG         G         0         157.24229         300         5000         9         17         2         0           529. BpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           533. EpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           535. IpchqE         G         0         157.24229         300         5000         9         17         2         0           537. IpchqF         G         0         157.24229         300         5000         9         17         4         0           538. pchqAqib         G         0         189.24109         300         5000         9         1											0
528. Apchage         G         0         157.24229         300         5000         9         17         2         0           530. Cpchage         G         0         157.24229         300         5000         9         17         2         0           531. Dpchage         G         0         157.24229         300         5000         9         17         2         0           532. Epchage         G         0         157.24229         300         5000         9         17         2         0           534. Gpchage         G         0         157.24229         300         5000         9         17         2         0           535. Ipchage         G         0         157.24229         300         5000         9         17         2         0           537. Ipchage         G         0         157.24229         300         5000         9         17         2         0           538. pchqaqiB         G         0         189.24109         300         5000         9         17         4         0           541. pchqaqiB         G         0         189.24109         300         5000         9											0
529. BpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           536. HpchqF         G         0         157.24229         300         5000         9         17         4         0           537. IpchqF         G         0         189.24109         300         5000         9         17         4         0           539. pchqAqjiB         G         0         189.24109         300         5000         9											0
530. CpchqG         G         0         157.24229         300         5000         9         17         2         0           531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           535. IpchqE         G         0         157.24229         300         5000         9         17         2         0           536. HpchqF         G         0         157.24229         300         5000         9         17         2         0           538. pchqAdjB         G         0         189.24109         300         5000         9         17         4         0           539. pchqAdjB         G         0         189.24109         300         5000         9         17         4         0           540. pchqAdjE         G         0         189.24109         300         5000         9         <											0
531. DpchqG         G         0         157.24229         300         5000         9         17         2         0           532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           533. FpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           536. HpchqF         G         0         157.24229         300         5000         9         17         2         0           537. IpchqF         G         0         157.24229         300         5000         9         17         4         0           539. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         <											0
532. EpchqG         G         0         157.24229         300         5000         9         17         2         0           533. FpchqG         G         0         157.24229         300         5000         9         17         2         0           534. GpchqG         G         0         157.24229         300         5000         9         17         2         0           536. HpchqF         G         0         157.24229         300         5000         9         17         2         0           537. IpchqF         G         0         157.24229         300         5000         9         17         4         0           539. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           540. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjE         G         0         189.24109         300         5000         9											0
533. FpchqG         G         0         157.24229         300         5000         9 17         2         0           534. GpchqG         G         0         157.24229         300         5000         9 17         2         0           535. IpchqE         G         0         157.24229         300         5000         9 17         2         0           536. HpchqF         G         0         157.24229         300         5000         9 17         2         0           538. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           540. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           541. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           541. pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           544. pchqAqjG         G         0											0
534. GpchqG         G         0         157.24229         300         5000         9 17         2         0           535. IpchqE         G         0         157.24229         300         5000         9 17         2         0           536. HpchqF         G         0         157.24229         300         5000         9 17         2         0           537. IpchqF         G         0         189.24109         300         5000         9 17         4         0           539. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           541. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           545. pchqAqjB         G         0	532.	EpchqG	G	0	157.24229			9 17	2	0	0
535.         TpchqE         G         0         157.24229         300         5000         9 17         2         0           536.         HpchqF         G         0         157.24229         300         5000         9 17         2         0           537.         TpchqF         G         0         157.24229         300         5000         9 17         4         0           538.         pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           540.         pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           541.         pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           541.         pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           542.         pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           544.         pchqAgjB         G         0         189.24109         300         5000	533.	FpchqG	G	0	157.24229	300	5000	9 17	2	0	0
536. HpchqF         G         0         157.24229         300         5000         9 17         2         0           537. TpchqF         G         0         157.24229         300         5000         9 17         4         0           538. pchqAqjB         G         0         189.24109         300         5000         9 17         4         0           540. pchqAqjC         G         0         189.24109         300         5000         9 17         4         0           541. pchqAqjC         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9 17         4         0           542. pchqAqjF         G         0         189.24109         300         5000         9 17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9 17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9 17         4         0           548. pchqBqjB         G         0	534.	GpchqG	G	0	157.24229	300	5000	9 17	2	0	0
537.         TpchqF         G         0         157.24229         300         5000         9         17         2         0           538.         pchqAqjBA         G         0         189.24109         300         5000         9         17         4         0           540.         pchqAqjC         G         0         189.24109         300         5000         9         17         4         0           541.         pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           542.         pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543.         pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           544.         pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           544.         pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           549. <td>535.</td> <td>IpchqE</td> <td>G</td> <td>0</td> <td>157.24229</td> <td>300</td> <td>5000</td> <td>9 17</td> <td>2</td> <td>0</td> <td>0</td>	535.	IpchqE	G	0	157.24229	300	5000	9 17	2	0	0
538. pchqAqjA         G         0         189.24109         300         5000         9         17         4         0           539. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           540. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjE         G         0         189.24109         300         5000         9 <td>536.</td> <td>HpchqF</td> <td>G</td> <td>0</td> <td>157.24229</td> <td>300</td> <td>5000</td> <td>9 17</td> <td>2</td> <td>0</td> <td>0</td>	536.	HpchqF	G	0	157.24229	300	5000	9 17	2	0	0
538. pchqAqjA         G         0         189.24109         300         5000         9         17         4         0           539. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjD         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjA         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjC         G         0         189.24109         300         5000         9 <td>537.</td> <td>IpchqF</td> <td>G</td> <td>0</td> <td>157.24229</td> <td>300</td> <td>5000</td> <td>9 17</td> <td>2</td> <td>0</td> <td>0</td>	537.	IpchqF	G	0	157.24229	300	5000	9 17	2	0	0
539. pchqAqjB         G         0         189.24109         300         5000         9         17         4         0           540. pchqAqjC         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjC         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjB         G         0         189.24109         300         5000         9 <td></td> <td></td> <td>G</td> <td>0</td> <td>189.24109</td> <td></td> <td></td> <td>9 17</td> <td>4</td> <td>0</td> <td>0</td>			G	0	189.24109			9 17	4	0	0
540. pchqAqjC         G         0         189.24109         300         5000         9         17         4         0           541. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjA         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjE         G         0         189.24109         300         5000         9 <td></td> <td></td> <td>G</td> <td>0</td> <td></td> <td>300</td> <td></td> <td></td> <td>4</td> <td>0</td> <td>0</td>			G	0		300			4	0	0
541. pchqAqjD         G         0         189.24109         300         5000         9         17         4         0           542. pchqAqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjF         G         0         189.24109         300         5000         9         17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
542. pchqaqjE         G         0         189.24109         300         5000         9         17         4         0           543. pchqAqjF         G         0         189.24109         300         5000         9         17         4         0           544. pchqAqjG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqCqjA         G         0         189.24109         300         5000         9 <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0</td>			_								0
543. pchqAqiF         G         0         189.24109         300         5000         9 17         4         0           544. pchqAqiG         G         0         189.24109         300         5000         9 17         4         0           545. pchqBqiA         G         0         189.24109         300         5000         9 17         4         0           546. pchqBqiB         G         0         189.24109         300         5000         9 17         4         0           547. pchqBqiC         G         0         189.24109         300         5000         9 17         4         0           548. pchqBqiD         G         0         189.24109         300         5000         9 17         4         0           549. pchqBqiF         G         0         189.24109         300         5000         9 17         4         0           551. pchqBqiG         G         0         189.24109         300         5000         9 17         4         0           551. pchqCqjA         G         0         189.24109         300         5000         9 17         4         0           552. pchqCqjB         G         0											0
544. pchqAqiG         G         0         189.24109         300         5000         9         17         4         0           545. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjD         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9         17         4         0           551. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjB         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
545. pchqBqjA         G         0         189.24109         300         5000         9         17         4         0           546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjB         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
546. pchqBqjB         G         0         189.24109         300         5000         9         17         4         0           547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqCqjA         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           553. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjD         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
547. pchqBqjC         G         0         189.24109         300         5000         9         17         4         0           548. pchqBqjD         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjA         G         0         189.24109         300         5000         9         17         4         0           553. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           554. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjE         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
548. pchqBqjD         G         0         189.24109         300         5000         9         17         4         0           549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjA         G         0         189.24109         300         5000         9         17         4         0           553. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           554. pchqCqjC         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjE         G         0         189.24109         300         5000         9         17         4         0           557. pchqCqjE         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
549. pchqBqjE         G         0         189.24109         300         5000         9         17         4         0           550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           554. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           556. pchqCqjE         G         0         189.24109         300         5000         9         17         4         0           557. pchqCqjF         G         0         189.24109         300         5000         9         17         4         0           559. pchqCqjB         G         0         189.24109         300         5000         9 <td></td>											
550. pchqBqjF         G         0         189.24109         300         5000         9         17         4         0           551. pchqBqjG         G         0         189.24109         300         5000         9         17         4         0           552. pchqCqjA         G         0         189.24109         300         5000         9         17         4         0           554. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjD         G         0         189.24109         300         5000         9         17         4         0           556. pchqCqjE         G         0         189.24109         300         5000         9         17         4         0           557. pchqCqjG         G         0         189.24109         300         5000         9         17         4         0           559. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           559. pchqCqjB         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
551. pchqBqjG       G       0       189.24109       300       5000       9       17       4       0         552. pchqCqjA       G       0       189.24109       300       5000       9       17       4       0         553. pchqCqjB       G       0       189.24109       300       5000       9       17       4       0         554. pchqCqjC       G       0       189.24109       300       5000       9       17       4       0         555. pchqCqjD       G       0       189.24109       300       5000       9       17       4       0         556. pchqCqjE       G       0       189.24109       300       5000       9       17       4       0         557. pchqCqjF       G       0       189.24109       300       5000       9       17       4       0         558. pchqCqjB       G       0       189.24109       300       5000       9       17       4       0         559. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjE       G       0       189.24109			_								
552. pchqCqjA         G         0         189.24109         300         5000         9         17         4         0           553. pchqCqjB         G         0         189.24109         300         5000         9         17         4         0           554. pchqCqjC         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjD         G         0         189.24109         300         5000         9         17         4         0           556. pchqCqjE         G         0         189.24109         300         5000         9         17         4         0           557. pchqCqjF         G         0         189.24109         300         5000         9         17         4         0           558. pchqCqjG         G         0         189.24109         300         5000         9         17         4         0           560. pchqDqjB         G         0         189.24109         300         5000         9         17         4         0           561. pchqDqjE         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
553. pchqcqjB         G         0         189.24109         300         5000         9         17         4         0           554. pchqcqjC         G         0         189.24109         300         5000         9         17         4         0           555. pchqCqjD         G         0         189.24109         300         5000         9         17         4         0           556. pchqCqjE         G         0         189.24109         300         5000         9         17         4         0           557. pchqCqjF         G         0         189.24109         300         5000         9         17         4         0           558. pchqCqjG         G         0         189.24109         300         5000         9         17         4         0           559. pchqDqjA         G         0         189.24109         300         5000         9         17         4         0           560. pchqDqjB         G         0         189.24109         300         5000         9         17         4         0           561. pchqDqjE         G         0         189.24109         300         5000         9 <td></td> <td>0</td>											0
554. pchqCqjC       G       0       189.24109       300       5000       9       17       4       0         555. pchqCqjD       G       0       189.24109       300       5000       9       17       4       0         556. pchqCqjE       G       0       189.24109       300       5000       9       17       4       0         557. pchqCqjF       G       0       189.24109       300       5000       9       17       4       0         558. pchqCqjG       G       0       189.24109       300       5000       9       17       4       0         559. pchqDqjA       G       0       189.24109       300       5000       9       17       4       0         560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         564. pchqEqjA       G       0       189.24109											0
555. pchqCqjD       G       0       189.24109       300       5000       9       17       4       0         556. pchqCqjE       G       0       189.24109       300       5000       9       17       4       0         557. pchqCqjF       G       0       189.24109       300       5000       9       17       4       0         558. pchqCqjG       G       0       189.24109       300       5000       9       17       4       0         559. pchqDqjA       G       0       189.24109       300       5000       9       17       4       0         560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjB       G       0       189.24109									_		0
556. pchqCqjE       G       0       189.24109       300       5000       9       17       4       0         557. pchqCqjF       G       0       189.24109       300       5000       9       17       4       0         558. pchqCqjG       G       0       189.24109       300       5000       9       17       4       0         559. pchqDqjA       G       0       189.24109       300       5000       9       17       4       0         560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109									_	-	0
557.       pchqCqjF       G       0       189.24109       300       5000       9 17       4       0         558.       pchqCqjG       G       0       189.24109       300       5000       9 17       4       0         559.       pchqDqjA       G       0       189.24109       300       5000       9 17       4       0         560.       pchqDqjB       G       0       189.24109       300       5000       9 17       4       0         561.       pchqDqjE       G       0       189.24109       300       5000       9 17       4       0         562.       pchqDqjF       G       0       189.24109       300       5000       9 17       4       0         563.       pchqDqjG       G       0       189.24109       300       5000       9 17       4       0         564.       pchqEqjA       G       0       189.24109       300       5000       9 17       4       0         566.       pchqEqjB       G       0       189.24109       300       5000       9 17       4       0         567.       pchqEqjD       G       0       18											0
558. pchqCqjG       G       0       189.24109       300       5000       9       17       4       0         559. pchqDqjA       G       0       189.24109       300       5000       9       17       4       0         560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109											0
559. pchqDqjA       G       0       189.24109       300       5000       9       17       4       0         560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109											0
560. pchqDqjB       G       0       189.24109       300       5000       9       17       4       0         561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjE       G       0       189.24109											0
561. pchqDqjC       G       0       189.24109       300       5000       9       17       4       0         562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109											0
562. pchqDqjE       G       0       189.24109       300       5000       9       17       4       0         563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109											0
563. pchqDqjF       G       0       189.24109       300       5000       9       17       4       0         564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109									4		0
564. pchqDqjG       G       0       189.24109       300       5000       9       17       4       0         565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109				0					4		0
565. pchqEqjA       G       0       189.24109       300       5000       9       17       4       0         566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109				0							0
566. pchqEqjB       G       0       189.24109       300       5000       9       17       4       0         567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109			G	0			5000		4		0
567. pchqEqjC       G       0       189.24109       300       5000       9       17       4       0         568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0			G	0	189.24109	300	5000	9 17	4	0	0
568. pchqEqjD       G       0       189.24109       300       5000       9       17       4       0         569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0	566.	pchqEqjB	G	0	189.24109	300	5000	9 17	4	0	0
569. pchqEqjE       G       0       189.24109       300       5000       9       17       4       0         570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0	567.	pchqEqjC	G	0	189.24109	300	5000	9 17	4	0	0
570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0	568.	pchqEqjD	G	0	189.24109	300	5000	9 17	4	0	0
570. pchqEqjF       G       0       189.24109       300       5000       9       17       4       0         571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0	569.	pchqEqjE	G	0	189.24109	300	5000	9 17	4	0	0
571. pchqEqjG       G       0       189.24109       300       5000       9       17       4       0         572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0			G	0	189.24109	300	5000	9 17	4	0	0
572. pchqEqjH       G       0       189.24109       300       5000       9       17       4       0         573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0			G	0					4	0	0
573. pchqEqjI       G       0       189.24109       300       5000       9       17       4       0         574. pchqFqjA       G       0       189.24109       300       5000       9       17       4       0         575. pchqFqjB       G       0       189.24109       300       5000       9       17       4       0											0
574. pchqFqjA G 0 189.24109 300 5000 9 17 4 0 575. pchqFqjB G 0 189.24109 300 5000 9 17 4 0											0
575. pchqFqjB G 0 189.24109 300 5000 9 17 4 0											0
											0
											0
		1 1- 170	-	٠		_ 0 0		/	-	·	J

577.	pchqFqjD	G	0	189.24109	300	5000	9 17	4	0	0
	pchqFqjE	G	0	189.24109	300	5000	9 17	4	0	0
	pchqFqjF	G	0	189.24109	300	5000	9 17	4	0	0
		_								
580.		G	0	189.24109	300	5000	9 17	4	0	0
581.	pchqFqjH	G	0	189.24109	300	5000	9 17	4	0	0
582.	pchqFqjI	G	0	189.24109	300	5000	9 17	4	0	0
583.	pchqGqjA	G	0	189.24109	300	5000	9 17	4	0	0
584.	pchqGqjB	G	0	189.24109	300	5000	9 17	4	0	0
585.	pchqGqjC	G	0	189.24109	300	5000	9 17	4	0	0
586.	pchqGqjD	G	0	189.24109	300	5000	9 17	4	0	0
587.	pchqGqjE	G	0	189.24109	300	5000	9 17	4	0	0
588.		G	0	189.24109	300	5000	9 17	4	0	0
589.		G	0	189.24109	300	5000	9 17	4	0	0
590.		G	0	172.23372	300	5000	9 16	3	0	0
	pchoAqB									
591.	pchoAqC	G	0	172.23372	300	5000	9 16	3	0	0
592.	pchoAqD	G	0	172.23372	300	5000	9 16	3	0	0
593.	pchoAqE	G	0	172.23372	300	5000	9 16	3	0	0
594.	pchoBqA	G	0	172.23372	300	5000	9 16	3	0	0
595.	pchoBqC	G	0	172.23372	300	5000	9 16	3	0	0
596.	pchoBqD	G	0	172.23372	300	5000	9 16	3	0	0
597.	pchoBqE	G	0	172.23372	300	5000	9 16	3	0	0
598.	pchoBqF	G	0	172.23372	300	5000	9 16	3	0	0
599.	pchoCqA	G	0	172.23372	300	5000	9 16	3	0	0
600.	pchoCqB	G	0	172.23372	300	5000	9 16	3	0	0
601.		G	0	172.23372	300	5000	9 16	3	0	0
602.		G	0	172.23372	300	5000	9 16	3	0	0
603.	pchoCqF	G	0	172.23372	300	5000	9 16	3	0	0
604.	pchoCqG	G	0	172.23372	300	5000	9 16	3	0	0
605.	pchoEqA	G	0	172.23372	300	5000	9 16	3	0	0
				172.23372				3	0	0
606.		G	0		300	5000				
607.		G	0	172.23372	300	5000	9 16	3	0	0
608.	pchoEqD	G	0	172.23372	300	5000	9 16	3	0	0
609.	pchoEqF	G	0	172.23372	300	5000	9 16	3	0	0
610.		G	0	172.23372	300	5000	9 16	3	0	0
611.		G	0	172.23372	300	5000	9 16	3	0	0
612.	pchoEqI	G	0	172.23372	300	5000	9 16	3	0	0
613.	pchoFqA	G	0	172.23372	300	5000	9 16	3	0	0
614.	pchoFqB	G	0	172.23372	300	5000	9 16	3	0	0
615.	pchoFqC	G	0	172.23372	300	5000	9 16	3	0	0
616.	pchoFqD	G	0	172.23372	300	5000	9 16	3	0	0
617.	pchoFqE	G	0	172.23372	300	5000	9 16	3	0	0
618.	pchoFqG	G	0	172.23372	300	5000	9 16	3	0	0
	pchoFqH	G	0	172.23372	300	5000	9 16	3	0	0
	pchoFqI	G	0	172.23372	300	5000	9 16	3	0	0
	pchoGqC	G	0	172.23372	300	5000	9 16	3	0	0
	pchoGqD	G	0	172.23372	300	5000	9 16	3	0	0
	pchoGqE	G	0	172.23372	300	5000	9 16	3	0	0
	pchoGqF		0	172.23372	300		9 16	3	0	0
		G				5000				
	pchoAojB	G	0	155.22635	300	5000	9 15	2	0	0
	pchoAojC	G	0	155.22635	300	5000	9 15	2	0	0
	pchoAojD	G	0	155.22635	300	5000	9 15	2	0	0
	pchoBojA	G	0	155.22635	300	5000	9 15	2	0	0
	pchoBojC	G	0	155.22635	300	5000	9 15	2	0	0
630.		G	0	155.22635	300	5000	9 15	2	0	0
	pchoBojE	G	0	155.22635	300	5000	9 15	2	0	0
632.	pchoCojA	G	0	155.22635	300	5000	9 15	2	0	0
	pchoCojB	G	0	155.22635	300	5000	9 15	2	0	0
	pchoCojD	G	0	155.22635	300	5000	9 15	2	0	0
	pchoCojE	G	0	155.22635	300	5000	9 15	2	0	0
	pchoCojF	G	0	155.22635	300	5000	9 15	2	0	0
	pchoEojA	G	0	155.22635	300	5000	9 15	2	0	0
001.	F-0110-10-0111	J	J	100.000	200	2000	, 13		J	J

638.	pchoEojB	G	0	155.22635	300	5000	9	15	2	0	0
639.	pchoEojC	G	0	155.22635	300	5000	9	15	2	0	0
640.	pchoEojD	G	0	155.22635	300	5000	9	15	2	0	0
641.	pchoEojF	G	0	155.22635	300	5000	9	15	2	0	0
642.	pchoEojG	G	0	155.22635	300	5000	9	15	2	0	0
643.	pchoEojH	G	0	155.22635	300	5000	9	15	2	0	0
644.	pchoEojI	G	0	155.22635	300	5000	9	15	2	0	0
645.	pchoFojA	G	0	155.22635	300	5000	9	15	2	0	0
646.	pchoFojB	G	0	155.22635	300	5000	9	15	2	0	0
647.	pchoFojC	G	0	155.22635	300	5000	9	15	2	0	0
648.	pchoFojD	G	0	155.22635	300	5000	9	15	2	0	0
649.	pchoFojE	G	0	155.22635	300	5000	9	15	2	0	0
650.		G	0	155.22635	300	5000	9	15	2	0	0
651.	pchoFojH	G	0	155.22635	300	5000	9	15	2	0	0
652.	pchoFojI	G	0	155.22635	300	5000	9	15	2	0	0
653.	pchoGojD	G	0	155.22635	300	5000	9	15	2	0	0
654.	pchoGojE	G	0	155.22635	300	5000	9	15	2	0	0
655.	pchoGojF	G	0	155.22635	300	5000	9	15	2	0	0
656.	ApchohB	G	0	141.24289	300	5000	9	17	1	0	0
657.	BpchohA	G	0	141.24289	300	5000	9	17	1	0	0
658.	BpchohC	G	0	141.24289	300	5000	9	17	1	0	0
659.	CpchohB	G	0	141.24289	300	5000	9	17	1	0	0
660.	CpchohD	G	0	141.24289	300	5000	9	17	1	0	0
661.	DpchohC	G	0	141.24289	300	5000	9	17	1	0	0
662.	DpchohE	G	0	141.24289	300	5000	9	17	1	0	0
663.	EpchohD	G	0	141.24289	300	5000	9	17	1	0	0
664.	EpchohF	G	0	141.24289	300	5000	9	17	1	0	0
665.	FpchohE	G	0	141.24289	300	5000	9	17	1	0	0
666.	FpchohG	G	0	141.24289	300	5000	9	17	1	0	0
667.	GpchohF	G	0	141.24289	300	5000	9	17	1	0	0
668.	pcho-AB	G	0	140.23492	300	5000	9	16	1	0	0
669.	_	G	0	140.23492	300	5000	9	16	1	0	0
670.	-	G	0	140.23492	300	5000	9	16	1	0	0
671.	pcho-DE	G	0	140.23492	300	5000	9	16	1	0	0
672.	pcho-EF	G	0	140.23492	300	5000	9	16	1	0	0
673.	pcho-FG	G	0	140.23492	300	5000	9	16	1	0	0
674.	pcho-AC	G	0	140.23492	300	5000	9	16	1	0	0
675.	pcho-AD	G	0	140.23492	300	5000	9	16	1	0	0
676.	pcho-AE	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-AF	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-BD	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-BE	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-BF	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-BG pcho-CE	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-CE pcho-CF	G G	0	140.23492 140.23492	300 300	5000 5000	9	16 16	1 1	0	0
	pcho-CG	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-CG pcho-DF	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-DF pcho-DG	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-EG	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-EG pcho-EI	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-E1 pcho-FH	G	0	140.23492	300	5000	9	16	1	0	0
	pcho-FH pcho-EH	G	0	140.23492	300	5000	9	16	1	0	0
	ApchoB	G	0	139.22695	300	5000	9	15	1	0	0
692.		G	0	139.22695	300	5000	9	15	1	0	0
	ApchoC	G	0	139.22695	300	5000	9	15	1	0	0
	CpchoA	G	0	139.22695	300	5000	9	15	1	0	0
	DpchoA	G	0	139.22695	300	5000	9	15	1	0	0
	ApchoE	G	0	139.22695	300	5000	9	15	1	0	0
	EpchoA	G	0	139.22695	300	5000	9	15	1	0	0
	ApchoF	G	0	139.22695	300	5000	9	15	1	0	0
	<u>.</u> ·	-	-				-		_	-	-

699.	FpchoA	G	0	139.22695	300	5000	9 15	1	0	0
700.	BpchoC	G	0	139.22695	300	5000	9 15	1	0	0
701.	-	G	0	139.22695	300	5000	9 15	1	0	0
	CpchoB									
702.	<del>-</del>	G	0	139.22695	300	5000	9 15	1	0	0
703.	EpchoB	G	0	139.22695	300	5000	9 15	1	0	0
704.	BpchoE	G	0	139.22695	300	5000	9 15	1	0	0
705.	-	G	0	139.22695	300	5000	9 15	1	0	0
	<del>-</del>									
706.	-	G	0	139.22695	300	5000		1	0	0
707.	BpchoG	G	0	139.22695	300	5000	9 15	1	0	0
708.	GpchoB	G	0	139.22695	300	5000	9 15	1	0	0
709.	DpchoC	G	0	139.22695	300	5000	9 15	1	0	0
710.	<del>-</del>	G	0	139.22695	300	5000	9 15	1	0	0
								1		
711.	_	G	0	139.22695	300	5000			0	0
712.	CpchoF	G	0	139.22695	300	5000	9 15	1	0	0
713.	FpchoC	G	0	139.22695	300	5000	9 15	1	0	0
714.	CpchoG	G	0	139.22695	300	5000	9 15	1	0	0
715.	<del>-</del>	G	0	139.22695	300	5000	9 15	1	0	0
	-									
716.	DpchoE	G	0	139.22695	300	5000		1	0	0
717.	DpchoF	G	0	139.22695	300	5000	9 15	1	0	0
718.	DpchoG	G	0	139.22695	300	5000	9 15	1	0	0
719.	EpchoF	G	0	139.22695	300	5000	9 15	1	0	0
720.	FpchoE	G	0	139.22695	300	5000	9 15	1	0	0
721.	EpchoG	G	0	139.22695	300	5000	9 15	1	0	0
722.	GpchoE	G	0	139.22695	300	5000	9 15	1	0	0
723.	EpchoH	G	0	139.22695	300	5000	9 15	1	0	0
724.	<del>-</del>	G	0	139.22695	300	5000	9 15	1	0	0
725.	IpchoE	G	0	139.22695	300	5000	9 15	1	0	0
	_									
726.	FpchoG	G	0	139.22695	300	5000	9 15	1	0	0
727.	GpchoF	G	0	139.22695	300	5000	9 15	1	0	0
728.	HpchoF	G	0	139.22695	300	5000	9 15	1	0	0
729.		G	0	124.23552	300	5000	9 16	0	0	0
730.		G	0	124.23552	300	5000	9 16	0	0	0
731.	_	G	0	124.23552	300	5000	9 16	0	0	0
732.	pche4	G	0	124.23552	300	5000	9 16	0	0	0
733.	pche5	G	0	124.23552	300	5000	9 16	0	0	0
734.		G	0	124.23552	300	5000	9 16	0	0	0
735.		G	0	123.22755	300	5000	9 15	0	0	0
	Apche2									
736.	Dpche2	G	0	123.22755	300	5000	9 15	0	0	0
737.	Cpche4	G	0	123.22755	300	5000	9 15	0	0	0
738.	Dpche5	G	0	123.22755	300	5000	9 15	0	0	0
739.	Epche6	G	0	123.22755	300	5000	9 15	0	0	0
740.		G	0	123.22755	300	5000	9 15	0	0	0
741.	-	G	0	139.22695	300	5000	9 15	1	0	0
742.	_	G	0	139.22695	300	5000	9 15	1	0	0
743.	pche2ojD	G	0	139.22695	300	5000	9 15	1	0	0
744.	pche3ojB	G	0	139.22695	300	5000	9 15	1	0	0
745.	pche4ojC	G	0	139.22695	300	5000	9 15	1	0	0
	_									
746.		G	0	139.22695	300	5000	9 15	1	0	0
747.		G	0	139.22695	300	5000	9 15	1	0	0
748.	pche6ojE	G	0	139.22695	300	5000	9 15	1	0	0
749.	pche5ojG	G	0	139.22695	300	5000	9 15	1	0	0
750.	-	G	0	139.22695	300	5000	9 15	1	0	0
751.	_	G	0	173.24169	300	5000	9 17	3	0	0
752.	_	G	0	173.24169	300	5000	9 17	3	0	0
753.	Bo2pchohC	G	0	173.24169	300	5000	9 17	3	0	0
754.	Co2pchohB	G	0	173.24169	300	5000	9 17	3	0	0
755.		G	0	173.24169	300	5000	9 17	3	0	0
	<del>-</del>									
756.	_	G	0	173.24169	300	5000	9 17	3	0	0
757.	_	G	0	173.24169	300	5000	9 17	3	0	0
758.	Eo2pchohD	G	0	173.24169	300	5000	9 17	3	0	0
759.	Eo2pchohF	G	0	173.24169	300	5000	9 17	3	0	0
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760.	Fo2pchohE	G	0	173.24169	300	5000	9 17	3	0	0
761.	Fo2pchohG	G	0	173.24169	300	5000	9 17		0	0
762.	Go2pchohF	G	0	173.24169	300	5000	9 17		0	0
	pchele3	G	0	122.21958	300	5000	9 14		0	0
764.	1	G	0	122.21958	300	5000	9 14		0	0
765.	pche3e5	G	0	122.21958	300	5000	9 14	: 0	0	0
766.	pche4e6	G	0	122.21958	300	5000	9 14	. 0	0	0
767.	pche5e7	G	0	122.21958	300	5000	9 14	. 0	0	0
768.	pchoA	G	0	140.23492	300	5000	9 16	1	0	0
769.	<del>-</del>	G	0	139.22695	300	5000	9 15	1	0	0
770.	pchoB	G	0	140.23492	300	5000	9 16		0	0
771.	-									
	pchoC	G	0	140.23492	300	5000			0	0
772.	-	G	0	140.23492	300	5000	9 16		0	0
773.	_	G	0	140.23492	300	5000	9 16		0	0
774.	pchoG	G	0	140.23492	300	5000	9 16	1	0	0
775.	DpchqBqE	G	0	189.24109	300	5000	9 17	4	0	0
776.	FpchqBqE	G	0	189.24109	300	5000	9 17	4	0	0
777.		G	0	189.24109	300	5000	9 17	4	0	0
778.	IpchqBqE	G	0	189.24109	300	5000	9 17	4	0	0
779.	DpchqCqE	G	0	189.24109	300	5000	9 17		0	0
780.		G	0	189.24109	300	5000	9 17		0	0
	FpchqCqE									
781.	GpchqCqE	G	0	189.24109	300	5000	9 17		0	0
782.		G	0	189.24109	300	5000	9 17		0	0
783.	IpchqCqE	G	0	189.24109	300	5000	9 17	4	0	0
784.	DpchqCqF	G	0	189.24109	300	5000	9 17	4	0	0
785.	EpchqCqF	G	0	189.24109	300	5000	9 17	4	0	0
786.	GpchqCqF	G	0	189.24109	300	5000	9 17	4	0	0
787.	HpchqCqF	G	0	189.24109	300	5000	9 17	4	0	0
788.	IpchqCqF	G	0	189.24109	300	5000	9 17		0	0
789.	ApchqDqF	G	0	189.24109	300	5000	9 17		0	0
790.	BpchqDqF	G	0	189.24109	300	5000			0	0
791.		G	0	189.24109	300	5000	9 17		0	0
792.		G	0	189.24109	300	5000	9 17		0	0
793.	HpchqDqF	G	0	189.24109	300	5000	9 17	4	0	0
794.	BpchqEqG	G	0	189.24109	300	5000	9 17	4	0	0
795.	CpchqEqG	G	0	189.24109	300	5000	9 17	4	0	0
796.	DpchqEqG	G	0	189.24109	300	5000	9 17	4	0	0
797.	FpchqEqG	G	0	189.24109	300	5000	9 17	4	0	0
798.	HpchqEqG	G	0	189.24109	300	5000	9 17		0	0
799.	IpchqEqG	G	0	189.24109	300	5000	9 17		0	0
800.		G	0	189.24109	300	5000	9 17		0	0
801.		G	0	189.24109	300	5000	9 17		0	0
802.		G	0	189.24109	300	5000	9 17		0	0
803.	FpchqEqH	G	0	189.24109	300	5000	9 17		0	0
804.		G	0	189.24109	300	5000	9 17		0	0
805.	IpchqEqH	G	0	189.24109	300	5000	9 17	4	0	0
806.	BpchqEqI	G	0	189.24109	300	5000	9 17	4	0	0
807.	CpchqEqI	G	0	189.24109	300	5000	9 17	4	0	0
	GpchqEqI	G	0	189.24109	300	5000	9 17	4	0	0
	CpchqFqH	G	0	189.24109	300	5000	9 17		0	0
	DpchqFqH	G	0	189.24109	300	5000	9 17		0	0
	EpchqFqH	G	0	189.24109	300	5000	9 17		0	0
	Dc6e5oA	G	0	97.14313	300	5000	6 9		0	0
813.		G	0	155.22635	300	5000	9 15		0	0
814.	Fc9oAoH	G	0	155.22635	300	5000	9 15		0	0
815.	MeDc8oCoIrH	G	0	155.22635	300	5000	9 15	2	0	0
816.	MeDc8oBoIrH	G	0	155.22635	300	5000	9 15	2	0	0
	MeEc8oAoFrI	G	0	155.22635	300	5000	9 15	2	0	0
	EtDc7oEoIrA	G	0	155.22635	300	5000	9 15		0	0
	Fc9oAoE	G	0	155.22635	300	5000	9 15		0	0
	MeEc8oDoIrA	G	0	155.22635	300	5000	9 15		0	0
020.	HCECOODOTTA	J	J	100.44000	200	5000	J 13		U	U

821.	c9oyAoF	G	0	155.22635	300	5000	9	15	2	0	0
822.	EtDc7oAoCrI	G	0	155.22635	300	5000	9	15	2	0	0
823.	EtDc7oAoHrI	G	0	155.22635	300	5000	9	15	2	0	0
824.	MeEc8oAoDrI	G	0	155.22635	300	5000	9	15	2	0	0
	EtDc7oCoIrA	G	0	155.22635	300	5000	9	15	2	0	0
	Ac9oBoF	G	0	155.22635	300	5000	9	15	2	0	0
	Ac9oDoF	G	0	155.22635	300	5000	9	15	2	0	0
828.		G	0	155.22635	300	5000	9	15	2	0	0
	MeEc8oCoIrA	G	0	155.22635	300	5000	9	15	2	0	0
	MeEc8oAoCrI	G	0	155.22635	300	5000	9	15	2	0	0
	EtDc7oBoIrA	G	0	155.22635	300	5000	9	15	2	0	0
	Ac9oCoF	G	0	155.22635	300	5000	9	15	2	0	0
	MeEc8oBoIrA	G	0	155.22635	300	5000	9	15	2	0	0
	Fc9oAoC	G	0	155.22635	300	5000	9	15	2	0	0
	c9oAoGqjF	G	0	187.22515	300	5000	9	15	4	0	0
	Hc9oAoGqF	G	0	187.22515	300	5000	9	15	4	0	0
	c9oAoGqFqjH	G	0	219.22395	300	5000	9	15	6	0	0
838.	-	G	0	202.21658	300	5000	9	14	5	0	0
839.	c7oyAoBoG	G	0	141.15393	300	5000	7	9	3	0	0
840.	сбоуАоF	G	0	113.14253	300	5000	6	9	2	0	0
841.	Ec5oA	G	0	85.13113	300	5000	5	9 9	1	0	0
	c5oAqjE	G	0	117.12993	300	5000	5	9	3	0	0
	Cc5oAqE	G	0	117.12993	300	5000	5 5	9	3	0	0
	Bc5oAqE	G G	0	117.12993 149.12873	300 300	5000 5000	5	9	5	0	0
	c5oAqEqjC c5oAqEqjB	G	0	149.12873	300	5000	5	9	5	0	0
	c5oAoEqC	G	0	132.12136	300	5000	5	8	4	0	0
848.	<b>-</b>	G	0	132.12136	300	5000	5	8	4	0	0
	Ac7oBoG	G	0	127.17047	300	5000	7	11	2	0	0
	c7oBoGqjA	G	0	159.16927	300	5000	7	11	4	0	0
	Cc7oBoGqA	G	0	159.16927	300	5000	7	11	4	0	0
	Dc7oBoGqA	G	0	159.16927	300	5000	7	11	4	0	0
	c7oBoGqAqjC	G	0	191.16807	300	5000	7	11	6	0	0
854.		G	0	191.16807	300	5000	7	11	6	0	0
855.	c7oAoBoGqC	G	0	174.16070	300	5000	7	10	5	0	0
856.	c7oAoBoGqD	G	0	174.16070	300	5000	7	10	5	0	0
857.	EtDc7oEoIqjA	G	0	187.22515	300	5000	9	15	4	0	0
858.	CEtDc7oEoIqA	G	0	187.22515	300	5000	9	15	4	0	0
859.	DEtDc7oEoIqA	G	0	187.22515	300	5000	9	15	4	0	0
860.	EtDc7oEoIqAqjC	G	0	219.22395	300	5000	9	15	6	0	0
861.	EtDc7oEoIqAqjD	G	0	219.22395	300	5000	9	15	6	0	0
862.	EtDc7oAoEoIqC	G	0	202.21658	300	5000	9	14	5	0	0
863.	EtDc7oAoEoIqD	G	0	202.21658	300	5000	9	14	5	0	0
	Cc6oAoD	G	0	113.14253	300	5000	6	9	2	0	0
	MeCc6oAoDoG	G	0	142.16190	300	5000	7	10	3	0	0
	MeCc6oyAoDoG	G	0	141.15393	300	5000	7	9	3	0	0
	MeCc6oAoDoyG	G	0	141.15393	300	5000	7	9	3	0	0
	сбоАоСоF	G	0	128.13396	300	5000	6	8	3	0	0
	сбоуАоСоF	G	0	127.12599	300	5000	6	7	3	0	0
	сбоАоСоуF	G	0	127.12599	300	5000	6	7	3	0	0
	Ec5oAoD	G	0	99.11459	300	5000	5	7	2	0	0
	Ec5oAoC	G	0	99.11459	300	5000	5	7	2	0	0
	MeBc5oAoCrF	G	0	113.14253	300	5000	6	9	2	0	0
	c9oAoCqjF	G	0	187.22515	300	5000	9	15	4	0	0
	Dc9oAoCqF	G	0	187.22515	300	5000	9	15	4	0	0
	c9oAoCqFqjD	G	0	219.22395 202.21658	300 300	5000	9	15 14	6 5	0	0
	c9oAoCoFqD c6oAoC	G G	0	114.15050	300	5000 5000	9 6	10	2	0	0 0
	сбоуАоС	G	0	113.14253	300	5000	6	9	2	0	0
	MeEc8oAoCqjI	G	0	187.22515	300	5000	9	15	4	0	0
	DMeEc8oAoCqI	G	0	187.22515	300	5000	9	15	4	0	0
001.	2.10100010041	J	J	107.22313	500	5000		± J	_	J	J

882.	GMeEc8oAoCqI	G	0	187.22515	300	5000	9 15	4	0	0
883.	MeEc8oAoCqIqjD	G	0	219.22395	300	5000	9 15	6	0	0
	MeEc8oAoCqIqjG	G	0	219.22395	300	5000	9 15	6	0	0
	MeEc8oAoCoIqD	G	0	202.21658	300	5000	9 14	5	0	0
	MeEc8oAoCoIqG	G	0	202.21658	300	5000	9 14	5	0	0
	MeBc5oAoF	G	0	114.15050	300	5000	6 10	2	0	0
888.	MeBc5oyAoF	G	0	113.14253	300	5000	6 9	2	0	0
	c9oDoFqjA	G	0	187.22515	300	5000	9 15	4	0	0
	Cc9oDoFqA	G	0	187.22515	300	5000	9 15	4	0	0
	c9oDoFqAqjC	G	0	219.22395	300	5000	9 15	6	0	0
	c9oAoDoFqC	G	0	202.21658	300	5000	9 14	5	0	0
	EtDc7oArI	G	0	141.24289	300	5000	9 17	1	0	0
	EtDc7oAqjI	G	0	173.24169	300	5000	9 17	3	0	0
895.	DEtDc7oAqI	G	0	173.24169	300	5000	9 17	3	0	0
896.	<b>-</b>	G	0	205.24049	300	5000	9 17	5	0	0
897.		G	0	188.23312	300	5000	9 16	4	0	0
898.	c7oAoD	G	0	128.17844	300	5000	7 12	2	0	0
899.	c7oyAoD	G	0	127.17047	300	5000	7 11	2	0	0
900.	EtDc7oIrA	G	0	141.24289	300	5000	9 17	1	0	0
901.	EtDc7oIqjA	G	0	173.24169	300	5000	9 17	3	0	0
	CEtDc7oIqA	G	0	173.24169	300	5000	9 17	3	0	0
	DEtDc7oIqA	G	0	173.24169	300	5000	9 17	3	0	0
	EtDc7oIqAqjC	G	0	205.24049	300	5000	9 17	5	0	0
905.	EtDc7oIqAqjD	G	0	205.24049	300	5000	9 17	5	0	0
906.	1 10	G	0	188.23312	300	5000	9 16	4	0	0
	MeEc8oArI	G	0	141.24289	300	5000	9 17	1	0	0
908.	MeEc8oAqjI	G	0	173.24169	300	5000	9 17	3	0	0
	DMeEc8oAqI	G	0	173.24169	300	5000	9 17	3	0	0
	FMeEc8oAqI	G	0	173.24169	300	5000	9 17	3	0	0
	MeEc8oAqIqjD	G	0	205.24049	300	5000	9 17	5	0	0
	MeEc8oAqIqjF	G	0	205.24049	300	5000	9 17	5	0	0
	MeEc8oAoIqD	G	0	188.23312	300	5000	9 16	4	0	0
	MeEc8oAoIqF	G	0	188.23312	300	5000	9 16	4	0	0
915.	MeCc6oAoG	G	0	128.17844	300	5000	7 12	2	0	0
916.	MeCc6oyAoG	G	0	127.17047	300	5000	7 11	2	0	0
917.	MeCc6oAoyG	G	0	127.17047	300	5000	7 11	2	0	0
918.	Bc6oAoF	G	0	113.14253	300	5000	6 9	2	0	0
919.	MeEc8oIrA	G	0	141.24289	300	5000	9 17	1	0	0
920.	Fc9oA	G	0	141.24289	300	5000	9 17	1	0	0
921.	MeEc8olqjA	G	0	173.24169	300	5000	9 17	3	0	0
922.	CMeEc8oIqA	G	0	173.24169	300	5000	9 17	3	0	0
923.	DMeEc8oIqA	G	0	173.24169	300	5000	9 17	3	0	0
924.	MeEc8oIqAqjC	G	0	205.24049	300	5000	9 17	5	0	0
925.	MeEc8oIqAqjD	G	0	205.24049	300	5000	9 17	5	0	0
926.	MeEc8oAoIqC	G	0	188.23312	300	5000	9 16	4	0	0
927.	c9oAqjF	G	0	173.24169	300	5000	9 17	3	0	0
928.	Cc9oAqF	G	0	173.24169	300	5000	9 17	3	0	0
929.	Dc9oAqF	G	0	173.24169	300	5000	9 17	3	0	0
930.	Hc9oAqF	G	0	173.24169	300	5000	9 17	3	0	0
931.	c9oAqFqjC	G	0	205.24049	300	5000	9 17	5	0	0
932.	c9oAqFqjD	G	0	205.24049	300	5000	9 17	5	0	0
933.	c9oAqFqjH	G	0	205.24049	300	5000	9 17	5	0	0
	c9oAoFqC	G	0	188.23312	300	5000	9 16	4	0	0
	c9oAoFqD	G	0	188.23312	300	5000	9 16	4	0	0
936.	c9oAoFqH	G	0	188.23312	300	5000	9 16	4	0	0
937.	MeBc5oArF	G	0	99.15907	300	5000	6 11	1	0	0
	pchoBqjE	G	0	171.22575	300	5000	9 15	3	0	0
	CpchoBqE	G	0	171.22575	300	5000	9 15	3	0	0
	pchoBqEqjC	G	0	203.22455	300	5000	9 15	5	0	0
	pchoBoEqC	G	0	186.21718	300	5000	9 14	4	0	0
942.	pchoEqjB	G	0	171.22575	300	5000	9 15	3	0	0

943.	DpchoEqB	G	0	171.22575	300	5000	9 1	L5 3	0	0
	pchoEqBqjD	G	0	203.22455	300	5000	9 1	L5 5	0	0
	pchoBoEqD	G	0	186.21718	300	5000		L4 4	0	0
	c7e6oA	G	0	112.17904	300	5000		12 1	0	0
947.		G	0	111.17107	300	5000		11 1	0	0
		_								
	c5e4oB	G	0	84.12316	300	5000	5	8 1	0	0
	Cc5e4oB	G	0	83.11519	300	5000	5	7 1	0	0
	c7e6oAoE	G	0	126.16250	300	5000		LO 2	0	0
	c7e6oyAoE	G	0	125.15453	300	5000	7	9 2	0	0
952.	Dc7oA	G	0	113.18701	300	5000	7 1	L3 1	0	0
953.	c7e3oA	G	0	112.17904	300	5000	7 1	L2 1	0	0
954.	c7e4oyA	G	0	111.17107	300	5000	7 1	1 1	0	0
955.	Cc5e4oA	G	0	83.11519	300	5000	5	7 1	0	0
956.	c6e5oAo4	G	0	112.13456	300	5000	6	8 2	0	0
957.	сбе5оуАо4	G	0	111.12659	300	5000	6	7 2	0	0
958.		G	0	98.10662	300	5000	5	6 2	0	0
959.		G	0	97.09865	300	5000	5	5 2	0	0
	c6alCco	G	0	127.17047	300	5000		1 2	0	0
		_								
	MeCc6oBoGrA	G	0	127.17047	300	5000		11 2	0	0
	c7e6oAoD	G	0	126.16250	300	5000		10 2	0	0
	c7e6oyAoD	G	0	125.15453	300	5000	7	9 2	0	0
	c9e5oAoD	G	0	154.21838	300	5000		L4 2	0	0
965.	c9e5oyAoD	G	0	153.21041	300	5000	9 1	L3 2	0	0
966.	c9e6oAoD	G	0	154.21838	300	5000	9 1	L4 2	0	0
967.	c9e6oyAoD	G	0	153.21041	300	5000	9 1	L3 2	0	0
968.	Ac8e5oC	G	0	125.19901	300	5000	8 1	13 1	0	0
	c6e5oAoC	G	0	112.13456	300	5000	6	8 2	0	0
	c6e5oyAoC	G	0	111.12659	300	5000	6	7 2	0	0
	Gic7al	G	0	113.18701	300	5000		13 1	0	0
	Ac6oC	G	0	99.15907	300	5000		11 1	0	0
	Gpc7al	G	0	113.18701	300	5000		L3 1	0	0
	Bc5oA		0					9 1		
		G		85.13113	300	5000	5		0	0
975.	ch2coch2hco	G	0	85.08665	300	5000	4	5 2	0	0
976.		G	0	126.16250	300	5000		LO 2	0	0
977.	c7e6oyAoC	G	0	125.15453	300	5000	7	9 2	0	0
978.	СсбоА	G	0	99.15907	300	5000		L1 1	0	0
979.	Ipc9oAoB	G	0	155.22635	300	5000	9 1	L5 2	0	0
980.	c2h4cohco	G	0	85.08665	300	5000	4	5 2	0	0
981.	сбе5оАоВ	G	0	112.13456	300	5000	6	8 2	0	0
982.	сбе5оуАоВ	G	0	111.12659	300	5000	6	7 2	0	0
983.	Bc5oAoC	G	0	99.11459	300	5000	5	7 2	0	0
984.	Ac7oD	G	0	113.18701	300	5000		L3 1	0	0
985.	Ac7oBoD	G	0	127.17047	300	5000		L1 2	0	0
986.	Ec7e6oAoB	G	0	125.15453	300	5000	7	9 2	0	0
987.	chxoAoC	G	0	112.13456	300	5000	6	8 2	0	0
988.	chxoAoD	G	0	112.13456	300	5000	6	8 2	0	0
	BchxoAoC	G	0	111.12659	300	5000	6	7 2	0	0
	DchxoAoC	G	0	111.12659	300	5000	6	7 2	0	0
	сбоАоВоуF	G	0	127.12599	300	5000	6	7 3	0	0
992.	Ec5oAoB	G	0	99.11459	300	5000	5	7 2	0	0
993.	Fc6e1oCoE	G	0	111.12659	300	5000	6	7 2	0	0
994.	DchxoqB	G	0	129.14193	300	5000	6	9 3	0	0
995.	chxoqBqjD	G	0	161.14073	300	5000	6	9 5	0	0
996.	chxoAoBojD	G	0	127.12599	300	5000	6	7 3	0	0
997.	chxoAoBqD	G	0	144.13336	300	5000	6	8 4	0	0
	Fc6oAoDoE	G	0	127.12599	300	5000	6	7 3	0	0
	Fc6oAoCoD	G	0	127.12599	300	5000	6	7 3	0	0
***.		G	0	189.24109	300	5000		.7 4	0	0
***.	pche5qD	G	0	156.23432	300	5000		16 2	0	0
***	pche5qD pche5ojD	G	0	139.22695	300	5000		L5 1	0	0
***	c9e1qAoF	G	0	172.23372	300	5000		16 3	0	0
•	CACTAVOL	J	U	114.43314	200	2000	ا و		U	U

***.	c9elojAoF	G	0	155.22635	300	5000	9 15	2	0	0
***	Dc5oBohE	G	0	101.13053	300	5000	5 9	2	0	0
	c5oBqjDohE	G	0	133.12933	300	5000	5 9	4	0	0
	c4oAoC	G	0	86.09462	300	5000	4 6	2	0	0
***.	c4oyAoC	G	0	85.08665	300	5000	4 5	2	0	0
***.	Fc9e1qDqF	G	0	189.24109	300	5000	9 17	4	0	0
***.	Iic9e1qDqI	G	0	189.24109	300	5000	9 17	4	0	0
***	c9eloFqD	G	0	172.23372	300	5000	9 16	3	0	0
	c9e1oFojD	G	0	155.22635	300	5000	9 15	2	0	0
	-									
	EtDc7e1oIqD	G	0	172.23372	300	5000	9 16	3	0	0
	EtDc7e1oIojD	G	0	155.22635	300	5000	9 15	2	0	0
	c7e1oD	G	0	112.17904	300	5000	7 12	1	0	0
***.	Cc7e1oD	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ipche4e6	G	0	121.21161	300	3000	9 13	0	0	0
***	Dpche5e7	G	0	121.21161	300	3000	9 13	0	0	0
***.	_	G	0	121.21161	300	3000	9 13	0	0	0
	BchxoAoD	G	0		300	5000	6 7	2	0	0
				111.12659						
	chxe2oAoD	G	0	110.11862	300	5000	6 6	2	0	0
	Echxe2oAoD	G	0	109.11065	300	5000	6 5	2	0	0
***.	c6e1oCoyF	G	0	111.12659	300	5000	6 7	2	0	0
***.	c6e2e5oyAoD	G	0	109.11065	300	5000	6 5	2	0	0
	Ic9oAoD	G	0	155.22635	300	5000	9 15	2	0	0
	Gc7oAoD	G	0	127.17047	300	5000	7 11	2	0	0
***.		G	0	155.22635	300	5000	9 15	2	0	0
	Gc7oBoD	G	0	127.17047	300	5000	7 11	2	0	0
***.	Ac5oBoD	G	0	99.11459	300	5000	5 7	2	0	0
	MeDc6oBoGrF	G	0	127.17047	300	5000	7 11	2	0	0
***.	Bc5oAoD	G	0	99.11459	300	5000	5 7	2	0	0
***.	MeEc8eloIqG	G	0	172.23372	300	5000	9 16	3	0	0
	MeEc8eloIojG	G	0	155.22635	300	5000	9 15	2	0	0
	MeEc6eloGrF	G	0	111.17107	300	5000	7 11	1	0	0
				189.24109	300	5000	9 17	4	0	0
	Fc9e1qEqH	G	0							
	c9e1e5qH	G	0	156.23432	300	5000	9 16	2	0	0
***.	c9e1e5ojH	G	0	139.22695	300	5000	9 15	1	0	0
***.	c7e1e6qC	G	0	128.17844	300	5000	7 12	2	0	0
***.	c7e1e6ojC	G	0	111.17107	300	5000	7 11	1	0	0
***.	Cc7h11-16	G	0	95.17167	300	5000	7 11	0	0	0
	c9e5oAqH	G	0	172.23372	300	5000	9 16	3	0	0
	c9e5oAojH	G	0	155.22635	300	5000	9 15	2	0	0
	_		-	189.24109				_	-	-
	HpchqBqE	G	0		300	5000	9 17	4	0	0
***.		G	0	156.23432	300	5000	9 16	2	0	0
***.	pche4ojB	G	0	139.22695	300	5000	9 15	1	0	0
***.	<u>-</u> -	G	0	128.17844	300	5000	7 12	2	0	0
***.	mchelojC	G	0	111.17107	300	5000	7 11	1	0	0
***.	MeBc4e1oErD	G	0	83.11519	300	5000	5 7	1	0	0
***.		G	0	55.05931	300	5000	3 3	1	0	0
***	pche5qB	G	0	156.23432	300	5000	9 16	2	0	0
	pche5qB pche5ojB	G	0	139.22695	300	5000	9 15	1	0	0
	Amche3	G	0	95.17167	300	5000	7 11	0	0	0
***.	Gc7e1e3	G	0	95.17167	300	5000	7 11	0	0	0
***.	<b>-</b> -	G	0	189.24109	300	5000	9 17	4	0	0
***.	c7e1e6qA	G	0	128.17844	300	5000	7 12	2	0	0
***.	Bc7e6oA	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ic9oCoD	G	0	155.22635	300	5000	9 15	2	0	0
***.		G	0	127.17047	300	5000	7 11	2	0	0
	Ac5oBoC	G	0	99.11459	300	5000	5 7	2	0	0
	MeDc6oCoGrF	G	0	127.17047	300	5000	7 11	2	0	0
	MeEc8eloIqF	G	0	172.23372	300	5000	9 16	3	0	0
***.	MeEc8eloIojF	G	0	155.22635	300	5000	9 15	2	0	0
	Bc6e5oA	G	0	97.14313	300	5000	6 9	1	0	0
	chxe1qC	G	0	114.15050	300	5000	6 10	2	0	0
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***.	chxelojC	G	0	97.14313	300	5000	6 9	1	0	0
***	chchhco	G	0	55.05931	300	5000	3 3	1	0	0
	c9e5oAqG	G	0	172.23372	300	5000	9 16	3	0	0
		_								
	c9e5oAojG	G	0	155.22635	300	5000	9 15	2	0	0
***.	c7e2oAoG	G	0	126.16250	300	5000	7 10	2	0	0
***.	c7e2oyAoG	G	0	125.15453	300	5000	7 9	2	0	0
	c7e2oAoyG	G	0	125.15453	300	5000	7 9	2	0	0
	c7eloAoG	G	0	126.16250	300	5000	7 10	2	0	0
		_								
	c7e1oAoyG	G	0	125.15453	300	5000	7 9	2	0	0
	Fc6eloA	G	0	97.14313	300	5000	6 9	1	0	0
***.	Dc4eloA	G	0	69.08725	300	5000	4 5	1	0	0
	Fc9e1qEqG	G	0	189.24109	300	5000	9 17	4	0	0
	c9e1e6qE	G	0	156.23432	300	5000	9 16	2	0	0
		_								-
	c9e1e6ojE	G	0	139.22695	300	5000	9 15	1	0	0
***.	c9e1e5qG	G	0	156.23432	300	5000	9 16	2	0	0
***.	c9e1e5ojG	G	0	139.22695	300	5000	9 15	1	0	0
***.	c7e2e6oA	G	0	110.16310	300	5000	7 10	1	0	0
	c7e2e6oyA	G	0	109.15513	300	5000	7 9	1	0	0
	<del>-</del>							1		
	c5e2oA	G	0	84.12316	300	5000	5 8		0	0
	c5e2oyA	G	0	83.11519	300	5000	5 7	1	0	0
	EtDc7e1qEqHrI	G	0	189.24109	300	5000	9 17	4	0	0
***.	EtDc7e1e8qE	G	0	156.23432	300	5000	9 16	2	0	0
***	EtDc7e1e8ojE	G	0	139.22695	300	5000	9 15	1	0	0
	MeCc6oAoDrG	G	0	127.17047	300	5000	7 11	2	0	0
	pche3qF	G	0	156.23432	300	5000	9 16	2	0	0
		_								
	pche3ojF	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeEc8e5oArI	G	0	139.22695	300	5000	9 15	1	0	0
***.	EtDc7e4oIrA	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeEc7e6e8oA	G	0	124.19104	300	5000	8 12	1	0	0
	MeEc7e6e8oyA	G	0	123.18307	300	5000	8 11	1	0	0
	MeCc6e3oArG	G	0	111.17107	300	5000	7 11	1	0	0
		_						_		-
	MeCc6ele7rF	G	0	95.17167	300	5000	7 11	0	0	0
	MeCc5e4e5oA	G	0	96.13516	300	5000	6 8	1	0	0
***.	MeCc5e4e5oyA	G	0	95.12719	300	5000	6 7	1	0	0
***.	MeEc8e8oAqF	G	0	172.23372	300	5000	9 16	3	0	0
***	MeEc8e8oAojF	G	0	155.22635	300	5000	9 15	2	0	0
	Ec6e5oA	G	0	97.14313	300	5000	6 9	1	0	0
	MeBc6e7oAoF	G	0	126.16250	300		7 10	2	0	0
						5000				
	MeBc6e7oAoyF	G	0	125.15453	300	5000	7 9	2	0	0
***.	MeBc6e7oyAoF	G	0	125.15453	300	5000	7 9	2	0	0
***.	MeBc5e6oArE	G	0	97.14313	300	5000	6 9	1	0	0
***.	ic3h4hco	G	0	69.08725	300	5000	4 5	1	0	0
***.		G	0	172.23372	300	5000	9 16	3	0	0
	EtDc7eloIojE	G	0	155.22635	300	5000	9 15	2	0	0
	MeCc6e5oAoG	G	0	126.16250	300	5000	7 10	2	0	0
	MeCc6e5oyAoG	G	0	125.15453	300	5000	7 9	2	0	0
	MeCc6e5oAoyG	G	0	125.15453	300	5000	7 9	2	0	0
***.	MeBc5e4oArF	G	0	97.14313	300	5000	6 9	1	0	0
	Cc6e5oA	G	0	97.14313	300	5000	6 9	1	0	0
	Dc7oAoC	G	0	127.17047	300	5000	7 11	2	0	0
	c3h7chco	G	0	84.12316	300	5000	5 8	1	0	0
	EtDc7e9oAqC	G	0	172.23372	300	5000	9 16	3	0	0
***.	EtDc7e9oAojC	G	0	155.22635	300	5000	9 15	2	0	0
***.	c9e5oAqC	G	0	172.23372	300	5000	9 16	3	0	0
***	c9e5oAojC	G	0	155.22635	300	5000	9 15	2	0	0
	MeCc6eloG	G	0	112.17904	300	5000	7 12	1	0	0
		G						1	0	
	MeCc6eloyG		0	111.17107	300	5000				0
	c7e3oyA	G	0	111.17107	300	5000	7 11	1	0	0
***.	chxoAqC	G	0	130.14990	300	5000	6 10	3	0	0
***.	chxoAojC	G	0	113.14253	300	5000	6 9	2	0	0
***.	Fc6oAoC	G	0	113.14253	300	5000	6 9	2	0	0
•		-		- <del>-</del>					-	-

***.	Fc6oAoE	G	0	113.14253	300	5000	6 9	2	0	0
***.	AmchqBqD	G	0	161.18521	300	5000	7 13	4	0	0
	mchelqD	G	0	128.17844	300	5000	7 12	2	0	0
	mchelojD	G	0	111.17107	300	5000	7 11	1	0	0
	MeEc6e5oArG	G	0	111.17107	300	5000	7 11	1	0	0
	MeCc6e7oArF	G	0	111.17107	300	5000	7 11	1	0	0
								_		
	MeCc4e3oArE	G	0	83.11519	300	5000	5 7	1	0	0
	pche6qD	G	0	156.23432	300	5000	9 16	2	0	0
	pche6ojD	G	0	139.22695	300	5000	9 15	1	0	0
	Ac9e2oF	G	0	139.22695	300	5000	9 15	1	0	0
	Ac9e3oF	G	0	139.22695	300	5000	9 15	1	0	0
	Ac7e1oD	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ic9e3oA	G	0	139.22695	300	5000	9 15	1	0	0
***.	Gc7e3oA	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ic9e4oA	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeDc8e9oArH	G	0	139.22695	300	5000	9 15	1	0	0
	MeDc6e7oArF	G	0	111.17107	300	5000	7 11	1	0	0
	Dc5e4oA	G	0	83.11519	300	5000	5 7	1	0	0
	EtDc7e9oArG	G	0	139.22695	300	5000	9 15	1	0	0
	Gc7e4oA	G	0	111.17107	300	5000	7 11	1	0	0
	Ec5e4oA	G	0	83.11519	300	5000	5 7	1	0	0
	MeDc6e5oArG	G	0	111.17107	300		7 11	1	0	0
						5000				
	Dc9e8oA	G	0	139.22695	300	5000	9 15	1	0	0
	EtDc7e6oArI	G	0	139.22695	300	5000	9 15	1	0	0
	Dc7e6oA	G	0	111.17107	300	5000	7 11	1	0	0
***.	Gc7e1oE	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ic9e3oB	G	0	139.22695	300	5000	9 15	1	0	0
***.	Gc7e3oB	G	0	111.17107	300	5000	7 11	1	0	0
***.	MeDc8e9oBrH	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeDc6e7oBrF	G	0	111.17107	300	5000	7 11	1	0	0
***.	Dc5e4oB	G	0	83.11519	300	5000	5 7	1	0	0
	Ic9e4oB	G	0	139.22695	300	5000	9 15	1	0	0
	EtDc7e9oBrG	G	0	139.22695	300	5000	9 15	1	0	0
	Gc7e4oB	G	0	111.17107	300	5000	7 11	1	0	0
	Ec5e4oB	G	0	83.11519	300	5000	5 7	1	0	0
	MeDc6e5oBrG	G	0	111.17107	300	5000	7 11	1	0	0
	Dc9e8oB			139.22695	300	5000	9 15	1		0
		G	0					1	0	
	EtDc7e6oBrI Dc7e6oB	G	0	139.22695	300	5000		_	0	0
		G	0	111.17107	300	5000	7 11	1	0	0
	MeDc8e7oBrI	G	0	139.22695	300	5000	9 15	1	0	0
	MeDc8e9oCrH	G	0	139.22695	300	5000	9 15	1	0	0
	MeCc6e7oDrA	G	0	111.17107	300	5000	7 11	1	0	0
***.	Bc5e1oC	G	0	83.11519	300	5000	5 7	1	0	0
***.	eche1oD	G	0	124.19104	300	5000	8 12	1	0	0
***.	с9ебоуА	G	0	139.22695	300	5000	9 15	1	0	0
***.	Ic9e3oE	G	0	139.22695	300	5000	9 15	1	0	0
***.	Hc8h15-3	G	0	111.21555	300	5000	8 15	0	0	0
***.	Ac7e4oC	G	0	111.17107	300	5000	7 11	1	0	0
***.	Ic9e4oC	G	0	139.22695	300	5000	9 15	1	0	0
	EtDc7e9oCrH	G	0	139.22695	300	5000	9 15	1	0	0
	Gc7e4oC	G	0	111.17107	300	5000	7 11	1	0	0
	Ac5eloC	G	0	83.11519	300	5000	5 7	1	0	0
		G						1		
	MeCc6eloDrG		0	111.17107	300	5000	7 11		0	0
	Ac9e6oB	G	0	139.22695	300	5000	9 15	1	0	0
***.		G	0	97.18761	300	5000	7 13	0	0	0
***.		G	0	139.22695	300	5000	9 15	1	0	0
	Ac7e4oB	G	0	111.17107	300	5000	7 11	1	0	0
	EtDc7e6oCrI	G	0	139.22695	300	5000	9 15	1	0	0
	Dc9e8oC	G	0	139.22695	300	5000	9 15	1	0	0
***.	Dc7e1oE	G	0	111.17107	300	5000	7 11	1	0	0
***.	echeloF	G	0	124.19104	300	5000	8 12	1	0	0

***.	Ac9e6oC	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeDc8e7oCrI	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeEc8e9oDrA	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeCc6e7oBrA	G	0	111.17107	300	5000	7 11	1	0	0
***.	mche1oD	G	0	110.16310	300	5000	7 10	1	0	0
	MeEc8e9oCrA	G	0	139.22695	300	5000	9 15	1	0	0
	MeEc8e9oyA	G	0	139.22695	300	5000	9 15	1	0	0
	MeCc6e7oyA	G	0	111.17107	300	5000	7 11	1	0	0
	MeBc5e1rF	G	0	83.15967	300	5000	6 11	0	0	0
	MeDc7e8rA	G	0	111.21555	300	5000	8 15	0	0	0
	mcheloE	G	0	110.16310	300	5000	7 10	1	0	0
	MeEc8e9oBrH	G	0	139.22695	300	5000	9 15	1	0	0
	Ac9e5oC	G	0	139.22695	300	5000	9 15	1	0	0
	MeEc6e5oBrG	G	0	111.17107	300	5000	7 11	1	0	0
	Ac9e5oD	G	0	139.22695	300	5000	9 15	1	0	0
	Ac7e3oB	G	0	111.17107	300	5000	7 11	1	0	0
	EtDc7e1oCrI	G	0	139.22695	300	5000	9 15	1	0	0
	Dc7eloC	_						1		
		G	0	111.17107	300	5000		_	0	0
	EtDc7e9oyA	G	0	139.22695	300	5000	9 15	1	0	0
	EtCc6e1rH	G	0	111.21555	300	5000	8 15	0	0	0
	MeEc8eloDrI	G	0	139.22695	300	5000	9 15	1	0	0
	MeEc8eloyI	G	0	139.22695	300	5000	9 15	1	0	0
	c6e1e5oC	G	0	96.13516	300	5000	6 8	1	0	0
	Ec8h15-1	G	0	111.21555	300	5000	8 15	0	0	0
	Ac9e5oB	G	0	139.22695	300	5000	9 15	1	0	0
	EtDc7e9oBrA	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeCc6e1rG	G	0	97.18761	300	5000	7 13	0	0	0
	EtDc7eloHrI	G	0	139.22695	300	5000	9 15	1	0	0
	Fc9e1oE	G	0	139.22695	300	5000	9 15	1	0	0
	c7e1e6oC	G	0	110.16310	300	5000	7 10	1	0	0
	c9e5oyA	G	0	139.22695	300	5000	9 15	1	0	0
	EtDc7e9oCrA	G	0	139.22695	300	5000	9 15	1	0	0
***.	Ac8h15-4	G	0	111.21555	300	5000	8 15	0	0	0
***.	EtBc5e7oyA	G	0	111.17107	300	5000	7 11	1	0	0
***.	Fc9e1oC	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeEc8eloCrI	G	0	139.22695	300	5000	9 15	1	0	0
***.	EtDc7eloyI	G	0	139.22695	300	5000	9 15	1	0	0
***.	MeDc7e1rH	G	0	111.21555	300	5000	8 15	0	0	0
***.	Fc9e1oD	G	0	139.22695	300	5000	9 15	1	0	0
***.	c7e1e6oD	G	0	110.16310	300	5000	7 10	1	0	0
***.	ch2cco	G	0	54.05134	300	5000	3 2	1	0	0
***.	EtDc7e3oIrG	G	0	139.22695	300	5000	9 15	1	0	0
***.	Etall	G	0	68.12376	300	5000	5 8	0	0	0
***.	EpchqDqB	G	0	189.24109	300	5000	9 17	4	0	0
***.	Fc6e1e4	G	0	81.14373	300	5000	6 9	0	0	0
***.		G	0	160.17724	300	5000	7 12	4	0	0
***.		G	0	143.16987	300	5000	7 11	3	0	0
***.	MeEc8e9oAqC	G	0	172.23372	300	5000	9 16	3	0	0
	MeEc6e5oAqCrG	G	0	143.16987	300	5000	7 11	3	0	0
	Dc4oAqC	G	0	103.10199	300	5000	4 7	3	0	0
	MeCc6e7oAqErF	G	0	143.16987	300	5000	7 11	3	0	0
	MeCc6e5e7oA	G	0	110.16310	300	5000	7 10	1	0	0
	MeCc6e5e7oyA	G	0	109.15513	300	5000	7 9	1	0	0
	MeBc5e1e4rF	G	0	81.14373	300	5000	6 9	0	0	0
	MeEc8e9oAojC	G	0	155.22635	300	5000	9 15	2	0	0
	MeCc6e7oA	G	0	112.17904	300	5000	7 12	1	0	0
***.		G	0	189.24109	300	5000	9 17	4	0	0
	c9ele6qD	G	0	156.23432	300	5000	9 16	2	0	0
	c9ele6ojD	G	0	139.22695	300	5000	9 15	1	0	0
	c6e3oA	G	0	98.15110	300	5000	6 10	1	0	0
		G	0				6 9	1	0	0
	сбе3оуА	G	U	97.14313	300	5000	0 9	Т	U	U

***.	BchxqAqC	G	0	147.15727	300	5000	6	11	4	0	0
	c9e6oAqE	G	0	172.23372	300	5000	9	16	3	0	0
	c9e6oAojE	G	0	155.22635	300	5000	9	15	2	0	0
	MeEc8eloIqD	G	0	172.23372	300	5000	9	16	3	0	0
	MeEc8eloIojD	G	0	155.22635	300	5000	9	15	2	0	0
	_						-	_	_		
	pche5qH	G	0	156.23432	300	5000	9	16	2	0	0
	pche5ojH	G	0	139.22695	300	5000	9	15	1	0	0
***.		G	0	139.22695	300	5000	9	15	1	0	0
	pche4qH	G	0	156.23432	300	5000	9	16	2	0	0
***.	pche4ojH	G	0	139.22695	300	5000	9	15	1	0	0
***.	MeEc8e9oArD	G	0	139.22695	300	5000	9	15	1	0	0
***.	c9e6oAqD	G	0	172.23372	300	5000	9	16	3	0	0
***.	c9e6oAojD	G	0	155.22635	300	5000	9	15	2	0	0
***.	BchxqAqD	G	0	147.15727	300	5000	6	11	4	0	0
***.	chxe1qD	G	0	114.15050	300	5000	6	10	2	0	0
	chxelojD	G	0	97.14313	300	5000	6	9	1	0	0
***.	<del>-</del>	G	0	69.08725	300	5000	4	5	1	0	0
***.		G	0	156.23432	300	5000	9	16	2	0	0
***.		G	0	139.22695	300	5000	9	15	1	0	0
***	MeEc8eloIrC	G	0	139.22695	300	5000	9	15	1	0	0
•	pche5qI	G	0	156.23432	300	5000	9	16	2	0	0
	pche5qi pche5ojI	G	0	139.22695	300	5000	9	15	1	0	0
	Fc9e4oA										
		G	0	139.22695	300	5000	9	15	1	0	0
	c7e4e6oA	G	0	110.16310	300	5000	7	10	1	0	0
	c7e4e6oyA	G	0	109.15513	300	5000	7	9	1	0	0
	Ec6h9-13	G	0	81.14373	300	5000	6	9	0	0	0
	AchxqBqD	G	0	147.15727	300	5000	6	11	4	0	0
***.	с9ебоАqС	G	0	172.23372	300	5000	9	16	3	0	0
	c9e6oAojC	G	0	155.22635	300	5000	9	15	2	0	0
	c7e4oA	G	0	112.17904	300	5000	7	12	1	0	0
***.	chxe1qjC	G	0	113.14253	300	5000	6	9	2	0	0
***.	Echxe1qC	G	0	113.14253	300	5000	6	9	2	0	0
	chxe1qCqjE	G	0	145.14133	300	5000	6	9	4	0	0
	chxe1oCqE	G	0	128.13396	300	5000	6	8	3	0	0
	chxe1oCojE	G	0	111.12659	300	5000	6	7	2	0	0
***.	<del>-</del>	G	0	96.13516	300	5000	6	8	1	0	0
***.		G	0	95.12719	300	5000	6	7	1	0	0
	c8h15hco	G	0	140.23492	300	5000	9	16	1	0	0
	c8h15co	G	0	139.22695	300	5000	9	15	1	0	0
	c9oAoF	_	-				-		_	-	-
		G	0	156.23432	300	5000	9	16	2	0	0
	MeEc8oAoI	G	0	156.23432	300	5000	9	16	2	0	0
	MeEc8oyAoI	G	0	155.22635	300	5000	9	15	2	0	0
	MeEc8oAoyI	G	0	155.22635	300	5000	9	15	2	0	0
	EtDc7oAoI	G	0	156.23432	300	5000	9	16	2	0	0
	EtDc7oyAoI	G	0	155.22635	300	5000	9	15	2	0	0
	EtDc7oAoyI	G	0	155.22635	300	5000	9	15	2	0	0
	c9e8oD	G	0	140.23492	300	5000	9	16	1	0	0
	Hc8oD	G	0	127.21495	300	5000	8	15	1	0	0
	MeDc7oHrA	G	0	127.21495	300	5000	8	15	1	0	0
***.	Ec8oA	G	0	127.21495	300	5000	8	15	1	0	0
***.	EtCc6oArH	G	0	127.21495	300	5000	8	15	1	0	0
	MeDc7oArH	G	0	127.21495	300	5000	8	15	1	0	0
	VINacrol	G	0	82.10722	300	5000	5	6	1	0	0
	c5oAoE	G	0	100.12256	300	5000	5	8	2	0	0
	c5oyAoE	G	0	99.11459	300	5000	5	7	2	0	0
***.		G	0	110.20758	300	5000	8	14	0	0	0
***		G	0	97.18761	300	3000	o 7	13	0	0	0
***.		G		112.22352			8	16			0
			0		300	5000			0	0	
	ch2ch2ch2hco	G	0	71.10319	300	5000	4	7	1	0	0
	Ac5oB	G	0	85.13113	300	5000	5	9	1	0	0
***.	P2c4h513	G	0	96.17964	300	3000	7	12	0	0	0

***.	echele3	G	0	108.19164	300	5000	8 12	0	0	0
***	c2h3coc2h4	G	0	83.11519	300	5000	5 7	1	0	0
	AechoE	G	0	125.19901	300	5000	8 13	1	0	0
	AechoB	G	0				8 13	1		0
				125.19901	300	5000			0	
	etvinket	G	0	84.12316	300	5000	5 8	1	0	0
***.	echeloE	G	0	124.19104	300	5000	8 12	1	0	0
***.	bmepral	G	0	72.11116	300	5000	4 8	1	0	0
***.	bme1bu	G	0	70.13970	300	5000	5 10	0	0	0
***.	bme2bu	G	0	70.13970	300	5000	5 10	0	0	0
***.	bddm2pe	G	0	98.19558	300	5000	7 14	0	0	0
***.	_	G	0		300		7 14	0	0	0
	-			98.19558		3000				
***.	<u>-</u>	G	0	98.19558	300	5000	7 14	0	0	0
	bddmpe2	G	0	99.20355	300	5000	7 15	0	0	0
***.	bbdtmpe1	G	0	113.23149	300	5000	8 17	0	0	0
***.	bddm3pe2	G	0	97.18761	300	5000	7 13	0	0	0
***.	bddm1pe1	G	0	97.18761	300	3000	7 13	0	0	0
	bmepryl	G	0	71.10319	300	5000	4 7	1	0	0
***.		G	0	69.13173	300	5000	5 9	0	0	0
***.		G	0	69.13173	300	5000	5 9	0	0	0
***.		_								
•	nec5h11	G	0	71.14767	300	5000	5 11	0	0	0
***.		G	0	99.20355	300	5000	7 15	0	0	0
	bbdtmpe3	G	0	113.23149	300	5000	8 17	0	0	0
***.	dddm2pe1	G	0	97.18761	300	3000	7 13	0	0	0
***.	bddtmpe2	G	0	113.23149	300	5000	8 17	0	0	0
	bddtmpe1	G	0	113.23149	300	5000	8 17	0	0	0
***.	-	G	0	97.18761	300	5000	7 13	0	0	0
***.	<del>-</del>	G	0	97.18761	300	3000	7 13	0	0	0
	<b>-</b>						_			
***.	<del>-</del>	G	0	97.18761	300	3000	7 13	0	0	0
***.		G	0	97.18761	300	5000	7 13	0	0	0
***.	-	G	0	97.18761	300	5000	7 13	0	0	0
***.	bddm2pe1	G	0	97.18761	300	3000	7 13	0	0	0
***.	dddm1pe2	G	0	97.18761	300	3000	7 13	0	0	0
***.	<b>-</b>	G	0	114.19498	300	5000	7 14	1	0	0
***.		G	0	83.15967	300	5000	6 11	0	0	0
	bddm1pe	G	0	98.19558	300	3000	7 14	0	0	0
								1		
	metacrol	G	0	70.09522	300	3000	4 6		0	0
***.		G	0	69.08725	300	5000	4 5	1	0	0
***.	c4h8o	G	0	72.11116	300	5000	4 8	1	0	0
	c4h7o	G	0	71.10319	300	5000	4 7	1	0	0
***.	ic8h18	G	0	114.23946	298	5000	8 18	0	0	0
***.	i2c8h16	G	0	112.22352	300	5000	8 16	0	0	0
***		G	0	112.22352	300	5000	8 16	0	0	0
***	ic8h15	G	0	111.21555	200	5000	8 15	0	0	0
-	pc7h15	G	0	99.20355	300	5000	7 15	0	0	0
***.		G	0	101.17501	300	5000	6 13	1	0	0
	hxol2j	G	0	101.17501	300	5000	6 13	1	0	0
	hxol3j	G	0	101.17501	300	5000	6 13	1	0	0
	hxol4j	G	0	101.17501	300	5000	6 13	1	0	0
***.	hxol5j	G	0	101.17501	300	5000	6 13	1	0	0
***.	hxol6j	G	0	101.17501	300	5000	6 13	1	0	0
	hxol2e	G	0	100.16704	300	5000	6 12	1	0	0
	hxol3e	G	0	100.16704	300	5000	6 12	1	0	0
	hxol4e	G	0	100.16704	300	5000	6 12	1	0	0
	hxol5e	G	0	100.16704	300	5000	6 12	1	0	0
	hxol4e6j	G	0	99.15907	300	5000	6 11	1	0	0
	hxol3e5j	G	0	99.15907	300	5000	6 11	1	0	0
***.	hxol2e4j	G	0	99.15907	300	5000	6 11	1	0	0
	hxol5e1j	G	0	99.15907	300	5000	6 11	1	0	0
	hxol4e1j	G	0	99.15907	300	5000	6 11	1	0	0
	hxol3e1j	G	0	99.15907	300	5000	6 11	1	0	0
^^*.	hxol2e1j	G	0	99.15907	300	5000	6 11	1	0	0

***.	c5h9hco-1	G	0	98.15110	300	5000	6 10	) 1	0	0
***	c5h9hco-2	G	0	98.15110	300	5000	6 10	) 1	0	0
	c5h9hco-3	G	0	98.15110	300	5000	6 10		0	0
***.	c5h9co-1	G	0	97.14313	300	5000	6 9	9 1	0	0
***.	c5h9co-2	G	0	97.14313	300	5000	6 9	9 1	0	0
***	c5h9co-3	G	0	97.14313	300	5000	6 9	9 1	0	0
	Ec5h9-2	G	0	69.13173	300	5000		9 0	0	0
		_								
	pelol5j	G	0	87.14707	300	5000	5 13		0	0
***.	pe1ol4j	G	0	87.14707	300	5000	5 13	L 1	0	0
***.	pelol3j	G	0	87.14707	300	5000	5 13	L 1	0	0
	pelol2j	G	0	87.14707	300	5000	5 13	L 1	0	0
	pelol1j			87.14707		5000				
		G	0		300		5 11		0	0
	pe1o14e	G	0	86.13910	300	5000	5 10	) 1	0	0
***.	pe1jol4e	G	0	85.13113	300	5000	5	9 1	0	0
***	pe1o12e4e	G	0	84.12316	300	5000	5 8	3 1	0	0
	pe1jol2e4e	G	0	83.11519	300	5000		7 1	0	0
								_		
	pelol3e5j	G	0	85.13113	300	5000	-	9 1	0	0
	blol	G	0	74.12710	300	5000	4 10	) 1	0	0
***.	c4h9o	G	0	73.11913	300	5000	4 9	9 1	0	0
***	blollj	G	0	73.11913	300	5000	4 9	9 1	0	0
***	blol2j	G	0	73.11913	300	5000		) 1	0	0
	blol3j	G	0	73.11913	300	5000		9 1	0	0
***.	b1ol4j	G	0	73.11913	300	5000	4 9	9 1	0	0
***.	b1*o4ol	G	0	88.11056	300	5000	4 8	3 2	0	0
***	b1j*o4ol	G	0	87.10259	300	5000	4 '	7 2	0	0
	blol2e4j	G			300	5000	_	7 1	0	0
	-		0	71.10319						
	b1ol3e	G	0	72.11116	300	5000		3 1	0	0
***.	b1jol3e	G	0	71.10319	300	5000	4 '	7 1	0	0
***.	ch2ch2ch2oh	G	0	59.09119	300	5000	3 '	7 1	0	0
	hoc2h4hco	G	0	74.08262	300	5000		5 2	0	0
	hoc2h4co							5 2		
		G	0	73.07465	300	5000			0	0
***.	c2h3ch2oh	G	0	58.08322	300	5000	_	5 1	0	0
***.	c2h3choh	G	0	57.07525	300	5000	3 !	5 1	0	0
***.	hoch2hco	G	0	60.05468	300	5000	2 4	1 2	0	0
	hoch2co	G	0	59.04671	300	5000		3 2	0	0
	c4h5hco							5 1		
		G	0	82.10722	300	5000			0	0
	c4h5co	G	0	81.09925	300	5000	5 5	5 1	0	0
***.	nc3h7o2	G	0	75.09059	300	5000	3 '	7 2	0	0
***.	nc3h7o2h	G	0	76.09856	300	5000	3 8	3 2	0	0
***.	ic3h7o2	G	0	75.09059	300	5000	3 '	7 2	0	0
***	ic3h7o2h			76.09856						
•		G	0		300	5000			0	0
***.	c3h6ooh1-2	G	0	75.09059	300	5000		7 2	0	0
***.	c3h6ooh1-3	G	0	75.09059	300	5000	3 '	7 2	0	0
***.	c3h6ooh2-1	G	0	75.09059	300	5000	3 '	7 2	0	0
***.	c3h6ooh1-1	G	0	75.09059	300	5000		7 2	0	0
***		G	0	107.08939	300	5000		7 4	0	0
•										
	c3h6ooh1-3o2	G	0	107.08939	300	5000		7 4	0	0
***.	c3h6ooh2-1o2	G	0	107.08939	300	5000		7 4	0	0
***.	c3h6ooh1-1o2	G	0	107.08939	300	5000	3 '	7 4	0	0
	c3ket12	G	0	90.08202	300	5000		5 3	0	0
		G		90.08202						
***.			0		300	5000			0	0
***.	c3ket21	G	0	90.08202	300	5000		5 3	0	0
***.	c4h9qjA	G	0	89.11853	300	5000		2	0	0
***.	c4h9qjB	G	0	89.11853	300	5000	4 9	2	0	0
***.	c4h8rAqA	G	0	89.11853	300	5000		9 2	0	0
	c4h8rBqA	G	0	89.11853	300	5000		9 2	0	0
	c4h8rCqA	G	0	89.11853	300	5000		2	0	0
	c4h8rDqA	G	0	89.11853	300	5000	4 9	9 2	0	0
***.	c4h8rAqB	G	0	89.11853	300	5000	4 9	2	0	0
***.	c4h8rCqB	G	0	89.11853	300	5000	4 9	9 2	0	0
***.	_	G	0	89.11853	300	5000		9 2	0	0
•	C 11101 DAD	J	J	07.11000	500	5000	1 3	. 4	J	J

***.	c4h8qjAqA	G	0	121.11733	300	5000	4 9	4	0	0
***.	c4h8qjBqA	G	0	121.11733	300	5000	4 9	4	0	0
	c4h8qjCqA	G	0	121.11733	300	5000	4 9	4	0	0
	c4h8qjDqA	G	0	121.11733	300	5000	4 9	4	0	0
	c4h8qjAqB	G	0	121.11733	300	5000	4 9	4	0	0
	c4h8qjCqB		0	121.11733	300	5000	4 9	4	0	0
		G								
***.	13 1	G	0	121.11733	300	5000		4	0	0
	c4h8o#3	G	0	72.11116	300	5000	4 8	1	0	0
***.		G	0	72.11116	300	5000	4 8	1	0	0
***.		G	0	72.11116	200	5000	4 8	1	0	0
	c4h7oAqB	G	0	104.10996	300	5000	4 8	3	0	0
	c4h7oAqC	G	0	104.10996	300	5000	4 8	3	0	0
***.	c4h7oAqD	G	0	104.10996	300	5000	4 8	3	0	0
***.	c4h7oBqA	G	0	104.10996	300	5000	4 8	3	0	0
***.	c4h7oBqC	G	0	104.10996	300	5000	4 8	3	0	0
***.	c4h7oBqD	G	0	104.10996	300	5000	4 8	3	0	0
***	<del>-</del>	G	0	90.12650	300	5000	4 10	2	0	0
***.		G	0	88.11056	300	5000	4 8	2	0	0
***		G	0	103.14647	300	5000	5 11	2	0	0
-	c5h11qjB	G	0	103.14647	300	5000	5 11	2	0	0
	c5h11qjB c5h11qjC		0	103.14647	300	5000	5 11	2	0	0
		G					_			
	c5h10rAqA	G	0	103.14647	300	5000	5 11	2	0	0
	c5h10rBqA	G	0	103.14647	300	5000	5 11	2	0	0
	c5h10rCqA	G	0	103.14647	300	5000	5 11	2	0	0
***.		G	0	103.14647	300	5000	5 11	2	0	0
***.	c5h10rEqA	G	0	103.14647	300	5000	5 11	2	0	0
***.	c5h10rAqB	G	0	103.14647	300	5000	5 11	2	0	0
***.	c5h10rBqB	G	0	103.14647	300	5000	5 11	2	0	0
***.	c5h10rCqB	G	0	103.14647	300	5000	5 11	2	0	0
	c5h10rDqB	G	0	103.14647	300	5000	5 11	2	0	0
	c5h10rEqB	G	0	103.14647	300	5000	5 11	2	0	0
***		G	0	103.14647	300	5000	5 11	2	0	0
***.	<del>-</del>	G	0	103.14647	300	5000	5 11	2	0	0
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***		G			300		5 11	4	0	0
	13 - 1		0	135.14527		5000				
***.	- 15 1	G	0	135.14527	300	5000	5 11	4	0	0
	c5h10qjEqA	G	0	135.14527	300	5000	5 11	4	0	0
	c5h10qjAqB	G	0	135.14527	300	5000	5 11	4	0	0
***.		G	0	135.14527	300	5000	5 11	4	0	0
***.	13 - 1	G	0	135.14527	300	5000	5 11	4	0	0
***.		G	0	135.14527	300	5000	5 11	4	0	0
***.		G	0	135.14527	300	5000	5 11	4	0	0
***.	c5h10qjAqC	G	0	135.14527	300	5000	5 11	4	0	0
***.	c5h10qjBqC	G	0	135.14527	300	5000	5 11	4	0	0
***.	c5h9oAqA	G	0	118.13790	300	5000	5 10	3	0	0
***.	c5h9oAqB	G	0	118.13790	300	5000	5 10	3	0	0
***.	c5h9oAqC	G	0	118.13790	300	5000	5 10	3	0	0
***.		G	0	118.13790	300	5000	5 10	3	0	0
***.		G	0	118.13790	300	5000	5 10	3	0	0
***.	-	G	0	118.13790	300	5000	5 10	3	0	0
***.					300			3		
***	-	G	0	118.13790	300	5000	5 10 5 10	3	0	0
-	c5h9oBqD	G	0	118.13790		5000				0
***.	c5h9oBqE	G	0	118.13790	300	5000	5 10	3	0	0
***.	c5h9oCqA	G	0	118.13790	300	5000	5 10	3	0	0
***.		G	0	118.13790	300	5000	5 10	3	0	0
***.		G	0	86.13910	300	5000	5 10	1	0	0
***.	c5h10o-BC	G	0	86.13910	300	5000	5 10	1	0	0
***.	c5h10o-AC	G	0	86.13910	300	5000	5 10	1	0	0
***.	c5h10o-BD	G	0	86.13910	300	5000	5 10	1	0	0
***.	c5h10o-AD	G	0	86.13910	300	5000	5 10	1	0	0
·		-	-				-		-	-

***.	c5h10o-AE	G	0	86.13910	300	5000	5 10	1	0	0
***.	nc5h11o2h	G	0	104.15444	300	5000	5 12	2	0	0
***.	nc3h7coch2	G	0	85.13113	300	5000	5 9	1	0	0
	nc3h7coch2o2	G	0	117.12993	300	5000	5 9	3	0	0
***.	nc3h7coch2o2h	G	0	118.13790	300	5000	5 10	3	0	0
	nc3h7coch2o	G	0	101.13053	300	5000	5 9	2	0	0
	c3h6coch3-1	G	0	85.13113	300	5000	5 9	1	0	0
	c3h6coch3-2	G	0	85.13113	300	5000	5 9	1	0	0
	c3h6coch3-3	G	0	85.13113	300	5000	5 9	1	0	0
	c2h5coc2h5	G	0	86.13910	300	5000	5 10	1	0	0
	c2h5coc2h4p	G	0	85.13113	300	5000	5 9	1	0	0
	c2h5coc2h4o2	G	0	117.12993	300	5000	5 9	3	0	0
	c2h5coc2h4o2h	G	0	118.13790	300	5000	5 10	3	0	0
	c2h5coc2h4o	G	0	101.13053	300	5000	5 9	2	0	0
	c2h5coc2h4s	G	0	85.13113	300	5000	5 9	1	0	0
		G	0	83.11519	300	5000	5 7	1	0	0
***.	pc2h4coc2h3 sc2h4coc2h3	G	0	83.11519	300	5000	5 7	1	0	0
							5 6	1		
***.		G	0	82.10722	300	5000		_	0	0
***.	c6h13qjA	G	0	117.17441	300	5000	6 13	2	0	0
	c6h13qjB	G	0	117.17441	300	5000	6 13	2	0	0
	c6h13qjC	G	0	117.17441	300	5000	6 13	2	0	0
	c6h13qA	G	0	118.18238	300	5000	6 14	2	0	0
	c6h13qB	G	0	118.18238	300	5000	6 14	2	0	0
	c6h13qC	G	0	118.18238	300	5000	6 14	2	0	0
	c6h13ojA	G	0	101.17501	300	5000	6 13	1	0	0
	c6h13ojB	G	0	101.17501	300	5000	6 13	1	0	0
	c6h13ojC	G	0	101.17501	300	5000	6 13	1	0	0
***.	<del>-</del>	G	0	117.17441	300	5000	6 13	2	0	0
***.	-	G	0	117.17441	300	5000	6 13	2	0	0
	c6h12rDqA	G	0	117.17441	300	5000	6 13	2	0	0
	c6h12rEqA	G	0	117.17441	300	5000	6 13	2	0	0
	c6h12rAqB	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rCqB	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rDqB	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rEqB	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rFqB	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rAqC	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rBqC	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rDqC	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rEqC	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12rFqC	G	0	117.17441	300	5000	6 13	2	0	0
***.	c6h12qjBqA	G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjCqA	G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjDqA	G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjEqA	G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjAqB	G	0	149.17321	300	5000	6 13	4	0	0
***.		G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjDqB	G	0	149.17321	300	5000	6 13	4	0	0
	c6h12qjEqB	G	0	149.17321	300	5000	6 13	4	0	0
	c6h12qjFqB	G	0	149.17321	300	5000	6 13	4	0	0
	c6h12qjAqC	G	0	149.17321	300	5000	6 13	4	0	0
	c6h12qjBqC	G	0	149.17321	300	5000	6 13	4	0	0
	c6h12qjDqC	G	0	149.17321	300	5000	6 13	4	0	0
***.		G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h12qjFqC	G	0	149.17321	300	5000	6 13	4	0	0
***.	c6h11oAqB	G	0	132.16584	300	5000	6 12	3	0	0
***.	c6h11oAqC	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oAqD	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oAqE	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oBqA	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oBqC	G	0	132.16584	300	5000	6 12	3	0	0
•	0011110040	J	J	132.1030 f	500	5000	V 12	J	5	J

***.	c6h11oBqD	G	0	132.16584	300	5000	6 12	3	0	0
***.	c6h11oBqE	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oBqF	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oCqA	G	0	132.16584	300	5000	6 12	3	0	0
	c6h11oCqB	G	0	132.16584	300	5000	6 12	3	0	0
	_				300			3		
***.		G	0	132.16584		5000			0	0
***.		G	0	132.16584	300	5000	6 12	3	0	0
***.	-	G	0	132.16584	300	5000	6 12	3	0	0
***.	c6h12o-AB	G	0	100.16704	300	5000	6 12	1	0	0
***.	c6h12o-BC	G	0	100.16704	300	5000	6 12	1	0	0
***.	c6h12o-CD	G	0	100.16704	300	5000	6 12	1	0	0
***	c6h12o-AC	G	0	100.16704	300	5000	6 12	1	0	0
***		G	0	100.16704	300	5000	6 12	1	0	0
***.		G	0	100.16704	300	5000	6 12	1	0	0
***.		G	0	100.16704	300	5000	6 12	1	0	0
								_		
***.		G	0	100.16704	300	5000	6 12	1	0	0
***.		G	0	100.16704	300	5000	6 12	1	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***.	c7h15qjC	G	0	131.20235	300	5000	7 15	2	0	0
***.	c7h15qjD	G	0	131.20235	300	5000	7 15	2	0	0
	c7h14rBqA	G	0	131.20235	300	5000	7 15	2	0	0
	c7h14rCqA	G	0	131.20235	300	5000	7 15	2	0	0
	c7h14rDqA	G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
	<del>-</del>						_	2		
***.		G	0	131.20235	300	5000	7 15		0	0
***.	-	G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***.	- · 1	G	0	131.20235	300	5000	7 15	2	0	0
***.	c7h14rAqC	G	0	131.20235	300	5000	7 15	2	0	0
***.	c7h14rBqC	G	0	131.20235	300	5000	7 15	2	0	0
***.	c7h14rDqC	G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***.		G	0	131.20235	300	5000	7 15	2	0	0
***		G	0	131.20235	300	5000	7 15	2	0	0
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***.		G	0	131.20235	300	5000	7 15	2	0	0
	c7h14rEqD	G	0	131.20235	300	5000	7 15	2	0	0
			-				_	_	-	
***.		G	0	163.20115	300	5000	7 15	4	0	0
***.	13 - 1	G	0	163.20115	300	5000	7 15	4	0	0
***.	- 13 1	G	0	163.20115	300	5000	7 15	4	0	0
***.	c7h14qjEqA	G	0	163.20115	300	5000	7 15	4	0	0
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***.	c7h14qjDqB	G	0	163.20115	300	5000	7 15	4	0	0
***.	c7h14qjEqB	G	0	163.20115	300	5000	7 15	4	0	0
***.		G	0	163.20115	300	5000	7 15	4	0	0
***		G	0	163.20115	300	5000	7 15	4	0	0
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***.	15 - 10	G	0	163.20115	300	5000	7 15	4	0	0
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***.	c7h14qjGqC	G	0	163.20115	300	5000	7 15	4	0	0
***.	c7h14qjAqD	G	0	163.20115	300	5000	7 15	4	0	0
***.		G	0	163.20115	300	5000	7 15	4	0	0
***.	15 - 1-	G	0	163.20115	300	5000	7 15	4	0	0
***.	c7h14o-AB	G	0	114.19498	300	5000	7 14	1	0	0
***.		G	0	114.19498	300	5000	7 14	1	0	0
***.	c7h14o-CD	G	0	114.19498	300	5000	7 14	1	0	0
***	c7h14o-AC	G	0	114.19498	300	5000	7 14	1	0	0
•	C,111 10 110	J	0		500	2000	, 11	_	J	J

***.	c7h14o-BD	G	0	114.19498	300	5000	7 14	1	0	0
***	c7h14o-CE	G	0	114.19498	300	5000	7 14	1	0	0
	c7h14o-AD	G	0	114.19498	300	5000	7 14	1	0	0
	c7h14o-BE									
		G	0	114.19498	300	5000	7 14	1	0	0
***.	c7h14o-AE	G	0	114.19498	300	5000	7 14	1	0	0
***.	c7h14o-BF	G	0	114.19498	300	5000	7 14	1	0	0
***.	c7h15qA	G	0	132.21032	300	5000	7 16	2	0	0
***.	-	G	0	132.21032	300	5000	7 16	2	0	0
***.				132.21032			7 16	2		
	<del>-</del>	G	0		300	5000		_	0	0
***.	· · ·	G	0	132.21032	300	5000	7 16	2	0	0
***.	c7h15ojA	G	0	115.20295	300	5000	7 15	1	0	0
***.	c7h15ojB	G	0	115.20295	300	5000	7 15	1	0	0
***	c7h15ojC	G	0	115.20295	300	5000	7 15	1	0	0
***.	<del>-</del>	G	0	115.20295	300	5000	7 15	1	0	0
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***.	<del>-</del>	G	0	146.19378	300	5000	7 14	3	0	0
***.	c7h13oAqC	G	0	146.19378	300	5000	7 14	3	0	0
***.	c7h13oAqD	G	0	146.19378	300	5000	7 14	3	0	0
***.	c7h13oAqE	G	0	146.19378	300	5000	7 14	3	0	0
***.	-	G	0	146.19378	300	5000	7 14	3	0	0
***		G	0	146.19378	300	5000	7 14	3	0	0
-										
	c7h13oBqD	G	0	146.19378	300	5000	7 14	3	0	0
	c7h13oBqE	G	0	146.19378	300	5000	7 14	3	0	0
***.	c7h13oBqF	G	0	146.19378	300	5000	7 14	3	0	0
***	c7h13oCqA	G	0	146.19378	300	5000	7 14	3	0	0
***		G	0	146.19378	300	5000	7 14	3	0	0
***.	<del>-</del>	G	0	146.19378	300	5000	7 14	3	0	0
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***.	c7h13oCqG	G	0	146.19378	300	5000	7 14	3	0	0
***.	c7h13oDqA	G	0	146.19378	300	5000	7 14	3	0	0
	c7h13oDqB	G	0	146.19378	300	5000	7 14	3	0	0
***.		G	0	146.19378	300	5000	7 14	3	0	0
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***.	- L	G	0	114.19498	300	5000	7 14	1	0	0
***.		G	0	112.17904	300	5000	7 12	1	0	0
***.	c6h11co	G	0	111.17107	300	5000	7 11	1	0	0
***.	c8h17qjA	G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
	c8h17qjD	G	0	145.23029	300	5000	8 17	2	0	0
	C6III /qJD		-					_	-	-
***.		G	0	145.23029	300	5000	8 17	2	0	0
***.	_	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rDqA	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rEqA	G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
***.	-							2	0	
	<u> </u>	G	0	145.23029	300	5000				0
	c8h16rEqB	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rFqB	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rAqC	G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
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	-	G	0	145.23029	300	5000	8 17	2	0	0
***.	1	G	0	145.23029	300	5000	8 17	2	0	0
***.	-	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rAqD	G	0	145.23029	300	5000	8 17	2	0	0
***.		G	0	145.23029	300	5000	8 17	2	0	0
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***.	c8h16rGqD	G	0	145.23029	300	5000	8 17	2	0	0
***.	c8h16rHqD	G	0	145.23029	300	5000	8 17	2	0	0

***.	c8h16qjBqA	G	0	177.22909	300	5000	8 17	4	0	0
***	c8h16qjCqA	G	0	177.22909	300	5000	8 17	4	0	0
	c8h16qjDqA	G	0	177.22909	300	5000	8 17	4	0	0
	c8h16qjEqA	G	0	177.22909	300	5000	8 17	4	0	0
							-	_		
	c8h16qjAqB	G	0	177.22909	300	5000	8 17	4	0	0
***.	13 - 1	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjDqB	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjEqB	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjFqB	G	0	177.22909	300	5000	8 17	4	0	0
***.		G	0	177.22909	300	5000	8 17	4	0	0
***.		G	0	177.22909	300	5000	8 17	4	0	0
	10 1						_	_		
***.		G	0	177.22909	300	5000	8 17	4	0	0
	c8h16qjEqC	G	0	177.22909	300	5000	8 17	4	0	0
***.	15 1-	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjGqC	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjAqD	G	0	177.22909	300	5000	8 17	4	0	0
***.		G	0	177.22909	300	5000	8 17	4	0	0
***.		G	0	177.22909	300	5000	8 17	4	0	0
***	15 1	G	0	177.22909	300	5000	8 17	4	0	0
***.							_			
		G	0	177.22909	300	5000	_	4	0	0
	c8h16qjGqD	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16qjHqD	G	0	177.22909	300	5000	8 17	4	0	0
***.	c8h16o-AB	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-BC	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-CD	G	0	128.22292	300	5000	8 16	1	0	0
***.		G	0	128.22292	300	5000	8 16	1	0	0
***.		G	0	128.22292	300	5000	8 16	1	0	0
								1		
***.		G	0	128.22292	300	5000			0	0
***.	0011200 02	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-AD	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-BE	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-CF	G	0	128.22292	300	5000	8 16	1	0	0
***.	c8h16o-AE	G	0	128.22292	300	5000	8 16	1	0	0
***.		G	0	128.22292	300	5000	8 16	1	0	0
***.		G	0	146.23826	300	5000	8 18	2	0	0
***.										
	_	G	0	146.23826	300	5000	8 18	2	0	0
***.	1 -	G	0	146.23826	300	5000	8 18	2	0	0
***.	1-	G	0	146.23826	300	5000	8 18	2	0	0
	c8h17ojA	G	0	129.23089	300	5000	8 17	1	0	0
***.	c8h17ojB	G	0	129.23089	300	5000	8 17	1	0	0
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***.	_	G	0	160.22172	300	5000	8 16	3	0	0
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***.		G	0	160.22172	300	5000	8 16	3	0	0
***.	-		_							
	-	G	0	160.22172	300	5000	8 16	3	0	0
***.		G	0	160.22172	300	5000	8 16	3	0	0
***.		G	0	160.22172	300	5000	8 16	3	0	0
***.	c8h15oBqD	G	0	160.22172	300	5000	8 16	3	0	0
***.	c8h15oBqE	G	0	160.22172	300	5000	8 16	3	0	0
***.		G	0	160.22172	300	5000	8 16	3	0	0
***.		G	0	160.22172	300	5000	8 16	3	0	0
***.	· · · · · <u>+</u>	G	0	160.22172	300	5000	8 16	3	0	0
***.	-									
	-	G	0	160.22172	300	5000	8 16	3	0	0
***.	-	G	0	160.22172	300	5000	8 16	3	0	0
***.		G	0	160.22172	300	5000	8 16	3	0	0
***.	c8h15oCqG	G	0	160.22172	300	5000	8 16	3	0	0
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***		G	0	160.22172	300	5000	8 16	3	0	0
***	c8h15oDqC	G	0	160.22172	300	5000	8 16	3	0	0
***										
	c8h15oDqE	G	0	160.22172	300	5000	8 16	3	0	0

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	c8h15oDqF	G	0	160.22172	300	5000	8 16	3	0	0
	c8h15oDqG	G	0	160.22172	300	5000	8 16	3	0	0
***.	c8h15oDqH	G	0	160.22172	300	5000	8 16	3	0	0
***.	octanone	G	0	128.22292	300	5000	8 16	1	0	0
***.	c9h19qjA	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h19qjB	G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***		G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rBqA	G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rCqA	G	0	159.25823	300	5000	9 19	2	0	0
***	<b>-</b>			159.25823	300	5000	9 19	2	0	0
		G	0							
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.	-	G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.	1-	G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rEqB	G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rFqB	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rAqC	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rBqC	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rDqC	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rEqC	G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rFqC	G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.	<del>-</del>	G	0	159.25823	300	5000	9 19	2	0	0
***.	<b>-</b>	G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
	c9h18rEqD	G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.		G	0	159.25823	300	5000	9 19	2	0	0
***.	1-	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rBqE	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18rCqE	G	0	159.25823	300	5000	9 19	2	0	0
***.	- · · · · ·	G	0	159.25823	300	5000	9 19	2	0	0
***.	c9h18qjBqA	G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjCqA	G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjDqA	G	0	191.25703	300	5000	9 19	4	0	0
	c9h18qjEqA	G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjAqB	G	0	191.25703	300	5000	9 19	4	0	0
***	c9h18qjCqB	G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***.	10 1	G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***		G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***										
•		G	0	191.25703	300	5000	9 19	4	0	0
***.	15 1-	G	0	191.25703	300	5000	9 19	4	0	0
***.	15 1-	G	0	191.25703	300	5000	9 19	4	0	0
***.	10 1	G	0	191.25703	300	5000	9 19	4	0	0
***.	10 1	G	0	191.25703	300	5000	9 19	4	0	0
***.	19 1	G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjEqD	G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjFqD	G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***.		G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjBqE	G	0	191.25703	300	5000	9 19	4	0	0
***.	c9h18qjCqE	G	0	191.25703	300	5000	9 19	4	0	0
***		G	0	191.25703	300	5000	9 19	4	0	0
•	271110471041	J	J	1/1.20/00	500	5000	J 11	ı	O	J

***.	c9h17oAqB	G	0	174.24966	300	5000	9 18	3	0	0
***	c9h17oAqC	G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oAqD	G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oAqE	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oBqA	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oBqC	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oBqD	G	0	174.24966	300	5000	9 18	3	0	0
***.	<del>-</del>	G	0	174.24966	300	5000	9 18	3	0	0
***.	-	G	0	174.24966	300	5000	9 18	3	0	0
	-									
***.		G	0	174.24966	300	5000		3	0	0
***.		G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oCqD	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oCqE	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oCqF	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oCqG	G	0	174.24966	300	5000	9 18	3	0	0
***.		G	0	174.24966	300	5000	9 18	3	0	0
***.		G	0	174.24966	300	5000	9 18	3	0	0
	_									
***.	-	G	0	174.24966	300	5000	9 18	3	0	0
***.		G	0	174.24966	300	5000	9 18	3	0	0
***.	<u>-</u>	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h17oDqG	G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oDqH	G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oEqA	G	0	174.24966	300	5000	9 18	3	0	0
	c9h17oEqA		0	174.24966	300	5000	9 18	3	0	0
	-	G								
***.	1	G	0	174.24966	300	5000	9 18	3	0	0
***.	1	G	0	174.24966	300	5000	9 18	3	0	0
***.	c9h18o-AB	G	0	142.25086	300	5000	9 18	1	0	0
***.	c9h18o-BC	G	0	142.25086	300	5000	9 18	1	0	0
***	c9h18o-CD	G	0	142.25086	300	5000	9 18	1	0	0
***		G	0	142.25086	300	5000	9 18	1	0	0
***.		G	0	142.25086	300		9 18	1	0	0
						5000		_		
***.		G	0	142.25086	300	5000	9 18	1	0	0
***.		G	0	142.25086	300	5000	9 18	1	0	0
***.	c9h18o-DF	G	0	142.25086	300	5000	9 18	1	0	0
***.	c9h18o-AD	G	0	142.25086	300	5000	9 18	1	0	0
***.	c9h18o-BE	G	0	142.25086	300	5000	9 18	1	0	0
***	c9h18o-CF	G	0	142.25086	300	5000	9 18	1	0	0
***		G	0	142.25086	300	5000	9 18	1	0	0
•	c9h18o-BF		0				9 18	1	0	0
		G	-	142.25086	300	5000		_	-	
***.	c9h18o-CG	G	0	142.25086	300	5000	9 18	1	0	0
***.	c9h19qA	G	0	160.26620	300	5000	9 20	2	0	0
***.	c9h19qB	G	0	160.26620	300	5000	9 20	2	0	0
***.	c9h19qC	G	0	160.26620	300	5000	9 20	2	0	0
***.	c9h19qD	G	0	160.26620	300	5000	9 20	2	0	0
***.	c9h19qE	G	0	160.26620	300	5000	9 20	2	0	0
***.		G	0	143.25883	300	5000	9 19	1	0	0
***	-	G	0	143.25883	300	5000	9 19	1	0	0
•	_									
***.		G	0	143.25883	300	5000	9 19	1	0	0
***.		G	0	143.25883	300	5000	9 19	1	0	0
***.	c9h19ojE	G	0	143.25883	300	5000	9 19	1	0	0
***.	nonanone	G	0	142.25086	300	5000	9 18	1	0	0
***.	c10h21qjA	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h21qjB	G	0	173.28617	300	5000	10 21	2	0	0
***	c10h2lqjC	G	0	173.28617	300	5000	10 21	2	0	0
***										
		G	0	173.28617	300	5000	10 21	2	0	0
***.		G	0	173.28617	300	5000	10 21	2	0	0
***.		G	0	174.29414	300	5000	10 22	2	0	0
***.		G	0	174.29414	300	5000	10 22	2	0	0
***.	c10h21qC	G	0	174.29414	300	5000	10 22	2	0	0
***.	c10h21qD	G	0	174.29414	300	5000	10 22	2	0	0
***	c10h21qE	G	0	174.29414	300	5000	10 22	2	0	0
•	010112141	J	J	エ / エ・ムノ エエエ	500	5000	10 22		U	J

* * *	c10h21ojA	G	0	157.28677	300	5000	10 21	1	0	0
		_								
	c10h21ojB	G	0	157.28677	300	5000	10 21	1	0	0
***.	c10h21ojC	G	0	157.28677	300	5000	10 21	1	0	0
***	c10h21ojD	G	0	157.28677	300	5000	10 21	1	0	0
	_									
	c10h21ojE	G	0	157.28677	300	5000	10 21	1	0	0
***.	c10h20rBqA	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rCqA	G	0	173.28617	300	5000	10 21	2	0	0
***.		G	0	173.28617	300	5000	10 21	2	0	0
	-									
***.	c10h20rEqA	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rAqB	G	0	173.28617	300	5000	10 21	2	0	0
	c10h20rCqB	G	0	173.28617	300	5000	10 21	2	0	0
	c10h20rDqB	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rEqB	G	0	173.28617	300	5000	10 21	2	0	0
***	c10h20rFqB	G	0	173.28617	300	5000	10 21	2	0	0
	c10h20rAqC		0	173.28617	300	5000	10 21	2	0	0
	_	G								
***.	c10h20rBqC	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rDqC	G	0	173.28617	300	5000	10 21	2	0	0
***	c10h20rEqC	G	0	173.28617	300	5000	10 21	2	0	0
•	_									
	c10h20rFqC	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rGqC	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rAqD	G	0	173.28617	300	5000	10 21	2	0	0
	c10h20rBqD	G	0	173.28617	300	5000	10 21	2	0	0
	c10h20rCqD	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rEqD	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rFqD	G	0	173.28617	300	5000	10 21	2	0	0
***.	<del>-</del>		0	173.28617	300	5000	10 21	2	0	0
	-	G								
***.	c10h20rHqD	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rAqE	G	0	173.28617	300	5000	10 21	2	0	0
***	c10h20rBqE	G	0	173.28617	300	5000	10 21	2	0	0
	_									
	c10h20rCqE	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rDqE	G	0	173.28617	300	5000	10 21	2	0	0
***	c10h20rFqE	G	0	173.28617	300	5000	10 21	2	0	0
			0	173.28617	300	5000	10 21	2	0	0
***.	_	G								
***.	c10h20rHqE	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20rIqE	G	0	173.28617	300	5000	10 21	2	0	0
***.	c10h20qjBqA	G	0	205.28497	300	5000	10 21	4	0	0
								_		
	c10h20qjCqA	G	0	205.28497	300	5000	10 21	4	0	0
***.		G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjEqA	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjAqB	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjCqB	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjDqB	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjEqB	G	0	205.28497	300	5000	10 21	4	0	0
***	c10h20qjFqB	G	0	205.28497	300	5000	10 21	4	0	0
•										
***.	c10h20qjAqC	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjBqC	G	0	205.28497	300	5000	10 21	4	0	0
***	c10h20qjDqC	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjEqC	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjFqC	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjGqC	G	0	205.28497	300	5000	10 21	4	0	0
***	c10h20qjAqD	G	0	205.28497	300	5000	10 21	4	0	0
***.	13 1	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjCqD	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjEqD	G	0	205.28497	300	5000	10 21	4	0	0
***	c10h20qjFqD	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjGqD	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjHqD	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjAqE	G	0	205.28497	300	5000	10 21	4	0	0
***.		G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjCqE	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h20qjDqE	G	0	205.28497	300	5000	10 21	4	0	0

***.	c10h20qjFqE	G	0	205.28497	300	5000	10 21	4	0	0
***	c10h20qjGqE	G	0	205.28497	300	5000	10 21	4	0	0
	c10h20qjHqE	G	0	205.28497	300	5000	10 21	4	0	0
		_								
	c10h20qjIqE	G	0	205.28497	300	5000	10 21	4	0	0
***.	c10h19oAqB	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oAqC	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oAqD	G	0	188.27760	300	5000	10 20	3	0	0
***.		G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oBqA	G	0	188.27760	300	5000	10 20	3	0	0
		_								
	c10h19oBqC	G	0	188.27760	300	5000		3	0	0
	c10h19oBqD	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oBqE	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oBqF	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oCqA	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oCqB	G	0	188.27760	300	5000	10 20	3	0	0
***.	_	G	0	188.27760	300	5000	10 20	3	0	0
***	c10h19oCqE	G	0	188.27760	300	5000	10 20	3	0	0
***	c10h19oCqF	G	0	188.27760	300		10 20	3	0	0
•	<del>-</del>	_				5000				
	c10h19oCqG	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oDqA	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oDqB	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oDqC	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oDqE	G	0	188.27760	300	5000	10 20	3	0	0
***	c10h19oDqF	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oDqG	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oDqH	G	0	188.27760	300	5000	10 20	3	0	0
		G	0		300		10 20	3	0	0
***.	c10h19oEqA	_		188.27760		5000				
***.		G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oEqC	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oEqD	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oEqF	G	0	188.27760	300	5000	10 20	3	0	0
***.	c10h19oEqG	G	0	188.27760	300	5000	10 20	3	0	0
	c10h19oEqH	G	0	188.27760	300	5000	10 20	3	0	0
***.	_	G	0	188.27760	300	5000	10 20	3	0	0
***	c10h20o-AB	G	0	156.27880	300	5000	10 20	1	0	0
•		_						1		
	c10h20o-BC	G	0	156.27880	300	5000		_	0	0
	c10h20o-CD	G	0	156.27880	300	5000	10 20	1	0	0
	c10h20o-DE	G	0	156.27880	300	5000	10 20	1	0	0
***.	c10h20o-EF	G	0	156.27880	300	5000	10 20	1	0	0
***.	c10h20o-AC	G	0	156.27880	300	5000	10 20	1	0	0
***.	c10h20o-BD	G	0	156.27880	300	5000	10 20	1	0	0
***	c10h20o-CE	G	0	156.27880	300	5000	10 20	1	0	0
***	c10h20o-DF	G	0	156.27880	300	5000	10 20	1	0	0
***	c10h20o-AD	G	0	156.27880	300	5000	10 20	1	0	0
•										
	c10h20o-BE	G	0	156.27880	300	5000	10 20	1	0	0
	c10h20o-CF	G	0	156.27880	300	5000	10 20	1	0	0
	c10h20o-DG	G	0	156.27880	300	5000	10 20	1	0	0
	c10h20o-AE	G	0	156.27880	300	5000	10 20	1	0	0
***.	c10h20o-BF	G	0	156.27880	300	5000	10 20	1	0	0
***.	c10h20o-CG	G	0	156.27880	300	5000	10 20	1	0	0
***.		G	0	155.27083	300	5000	10 19	1	0	0
***.		G	0	155.27083	300	5000	10 19	1	0	0
***.	c9h19hco	G	0	156.27880	300	5000	10 19	1	0	0
***.	c9h19co	G	0	155.27083	300	5000	10 19	1	0	0
***.		G	0	86.09462	300	5000	4 6	2	0	0
	choch2ch2co	G	0	85.08665	300	5000	4 5	2	0	0
***.	nc4h9coch2	G	0	99.15907	300	5000	6 11	1	0	0
***.	nc4h9coch2o2	G	0	131.15787	300	5000	6 11	3	0	0
***.		G	0	132.16584	300	5000	6 12	3	0	0
***.		G	0	115.15847	300	5000	6 11	2	0	0
***.		G	0	113.18701	300	5000	7 13	1	0	0
•		J	J	,	500	2000	, 13	_	J	J

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***. nc5h11coch2o2
                   G 0 145.18581
                                    300
                                         5000
                                                7 13 3 0
                                                          Λ
***. nc5h11coch2o2h G 0 146.19378
                                    300
                                         5000
                                                7 14 3 0
                                                           Λ
***. nc5h11coch2o
                   G 0 129.18641
                                    300
                                         5000
                                                7 13 2 0
                                                           Λ
***. nc6h13coch2
                   G 0 127.21495
                                    300
                                                8 15 1
                                         5000
                                                        Ω
                                                           0
***. nc6h13coch2o2
                   G 0 159.21375
                                    300
                                         5000
                                                8 15 3
                                                        Ω
                                                           0
***. nc6h13coch2o2h
                  G 0 160.22172
                                                8 16 3
                                    300
                                         5000
                                                        Ω
                                                           0
***. nc6h13coch2o
                   G 0 143.21435
                                                8 15 2 0
                                    300
                                         5000
                                                           0
***. nc7h15coch2
                   G 0 141.24289
                                                9 17 1
                                    300
                                         5000
                                                        0
                                                           0
***. nc7h15coch2o2
                   G 0 173.24169
                                                9 17 3
                                    300
                                         5000
                                                        0
                                                           0
***. nc7h15coch2o2h G 0 174.24966
                                                9 18 3
                                    300
                                         5000
                                                        Ω
                                                           0
                   G 0 157.24229
***. nc7h15coch2o
                                                9 17 2
                                    300
                                         5000
                                                        Ω
                                                           0
                   G 0
***. nc3h7coc2h4p
                                                6 11 1
                         99.15907
                                    300
                                         5000
                                                        Ω
                                                           0
***. nc3h7coc2h4o2
                   G 0 131.15787
                                                6 11 3
                                    300
                                         5000
                                                        Ω
                                                           0
***. nc3h7coc2h4o2h
                  G 0 132.16584
                                                6 12 3
                                    300
                                         5000
                                                        Ω
                                                           0
***. nc3h7coc2h4o
                   G 0 115.15847
                                                6 11 2
                                    300
                                         5000
                                                        0
                                                           0
***. nc4h9coc2h4p
                   G 0
                                                7 13 1
                        113.18701
                                    300
                                         5000
                                                        0
                                                           0
                                                7 13 3
***. nc4h9coc2h4o2
                   G 0 145.18581
                                    300
                                         5000
                                                        0
                                                           0
                                                7 14 3
***. nc4h9coc2h4o2h
                  G 0
                        146.19378
                                    300
                                         5000
                                                        0
                                                           0
                                                7 13 2
                   G 0
***. nc4h9coc2h4o
                         129.18641
                                    300
                                         5000
                                                        0
                                                           0
                                                8 15 1
***. nc5h11coc2h4p
                   G
                      0
                         127.21495
                                    300
                                         5000
                                                        0
                                                           0
***. nc5h11coc2h4o2 G
                                                    3
                      0
                         159.21375
                                    300
                                         5000
                                                8 15
                                                        0
                                                           0
                                                8 16 3
***. nc5h11coc2h4o2h G
                      Ω
                         160.22172
                                    300
                                         5000
                                                        0
                                                           0
                  G
                                                8 15 2
***. nc5h11coc2h4o
                      0
                         143.21435
                                    300
                                         5000
                                                       0
                                                           0
***. nc6h13coc2h4p
                   G 0
                         141.24289
                                    300
                                         5000
                                                9 17
                                                    1
                                                           Ω
***. nc6h13coc2h4o2
                   G 0
                         173.24169
                                    300
                                         5000
                                                9 17
                                                     3
                                                           Ω
***. nc6h13coc2h4o2h G 0
                         174.24966
                                    300
                                         5000
                                                9 18
                                                    3
                                                        Ω
                                                           Ω
                                                    2 0
***. nc6h13coc2h4o G 0
                         157.24229
                                    300
                                         5000
                                                9 17
                                                           Ω
***. nc5h11coc3h6-1
                  G 0
                         141.24289
                                    300
                                         5000
                                                9 17 1
                                                        Ω
                                                           Ω
                                              9 17
***. nc5h11coc3h6o2-1 G 0 173.24169
                                    300
                                         5000
                                                    3 0
                                                           0
***. npecoc3h6o2h-1 G 0 174.24966
                                    300
                                         5000
                                               9 18 3 0
                                                          0
***. nc5h11coc3h6o-1 G 0 157.24229
                                    300
                                         5000
                                              9 17 2 0
                                                          0
***. nc4h9coc3h6-1 G 0 127.21495
                                    300
                                              8 15 1 0
                                         5000
                                                          0
***. nc4h9coc3h6o2-1 G 0 159.21375
                                    300
                                         5000
                                              8 15 3 0
                                                          Ω
***. nc4h9coc3h6o2h-1 G 0 160.22172
                                  300
                                         5000
                                              8 16 3 0
                                                          0
***. nc4h9coc3h6o-1 G 0 143.21435
                                  300
                                        5000
                                              8 15 2 0
                                                          0
***. nc3h7coc3h6-1 G 0 113.18701
                                  300
                                        5000
                                               7 13 1 0
                                                          0
***. nc3h7coc3h6o2-1 G 0 145.18581 300
                                        5000
                                                7 13 3 0
                                                          Λ
                                                7 14 3 0
***. nc3h7coc3h6o2h-1 G 0 146.19378 300 5000
                                                          Λ
***. nc3h7coc3h6o-1 G 0 129.18641 300 5000
                                                7 13 2 0
                                                          Λ
***. c2h5coc3h6-1
                                                          0
                  G 0
                                  300
                                        5000
                                                6 11 1 0
                        99.15907
***. c2h5coc3h6o2-1 G 0 131.15787
                                  300 5000
                                                6 11 3 0
                                                          0
***. c2h5coc3h6o2h-1 G 0 132.16584
                                  300
                                        5000
                                                6 12 3 0
                                                           0
***. c2h5coc3h6o-1 G 0 115.15847
                                  300
                                        5000
                                                6 11 2 0
                                                           0
***. ch3coc5h9-1
                  G 0 112.17904
                                  300
                                        5000
                                                7 12 1 0
                                                           0
***. ch2coc5h9-1
                                                7 11 1 0
                  G 0 111.17107
                                  300
                                         5000
                                                           0
***. ch3coc5h8-13
                  G 0 111.17107
                                  300
                                         5000
                                                7 11 1 0
                                                           0
***. ch3coc5h8-15
                  G 0 111.17107
                                  300
                                         5000
                                              7 11 1 0
***. c2h5coc5h9-1
                  G 0 126.20698
                                                8 14 1 0
                                  300
                                         5000
***. sc2h4coc5h9-1
                  G 0 125.19901 300
                                                8 13 1 0
                                         5000
***. c2h5coc5h8-13
                                                8 13 1 0
                  G 0 125.19901 300
                                         5000
***. c2h5coc5h8-15
                  G 0 125.19901
                                  300
                                         5000
                                                8 13 1
***. c2h3coc3h7
                   G 0
                        98.15110
                                  300
                                         5000
                                                6 10 1
***. c2h3coc3h6-3
                  G 0
                          97.14313
                                  300
                                         5000
                                                6 9 1
***. c2h3coc3h6-2
                                                6 9 1
                  G 0
                        97.14313
                                    300
                                         5000
***. c2h3coc4h9
                                                7 12 1
                  G 0 112.17904
                                    300
                                         5000
                                                           Ω
***. c2h3coc4h8-4
                  G 0 111.17107
                                    300
                                         5000
                                                7 11 1
                                                        0
                                                          0
***. c2h3coc4h8-3
                  G 0 111.17107
                                                7 11 1
                                    300
                                         5000
                                                          0
***. c2h3coc5h11
                  G 0 126.20698
                                              8 14 1
                                  300
                                         5000
                                                          0
***. c2h3coc5h10-5
                  G 0 125.19901
                                                8 13 1 0
                                  300
                                         5000
                                                          0
***. c2h3coc5h10-4
                  G 0 125.19901
                                                8 13 1 0
                                   300
                                         5000
                                                          0
***. c2h3coc6h13
                  G 0 140.23492 300
                                         5000 9 16 1 0
                                                          Ω
```

***.	c2h3coc6h12-6	G	0	139.22695	300	5000	9 15	1	0	0
***.	c2h3coc6h12-5	G	0	139.22695	300	5000	9 15	1	0	0
***.	chxqjA	G	0	115.15847	300	5000	6 11	2	0	0
	chxqArC	G	0	115.15847	300	5000	6 11	2	0	0
	chxo-AC	G	0	98.15110	300	5000	6 10	1	0	0
	chxqAqjC	G	0	147.15727	300	5000	6 11	4	0	0
	chxqAqCrE	G	0	147.15727	300	5000	6 11	4	0	0
	c6e5oAqC	G	0	130.14990	300	5000	6 10	3	0	0
	<del>-</del>			113.14253				2		
	c6e5oAojC	G	0		300	5000	6 9		0	0
***.		G	0	126.20698	300	5000	8 14	1	0	0
	echA	G	0	111.21555	300	5000	8 15	0	0	0
	hxol1o2	G	0	133.17381	300	5000	6 13	3	0	0
	hxol2o2	G	0	133.17381	300	5000	6 13	3	0	0
	hxol3o2	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol4o2	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol5o2	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol6o2	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol1o2h	G	0	134.18178	300	5000	6 14	3	0	0
***.	hxol2o2h	G	0	134.18178	300	5000	6 14	3	0	0
***.	hxol3o2h	G	0	134.18178	300	5000	6 14	3	0	0
***.	hxol4o2h	G	0	134.18178	300	5000	6 14	3	0	0
***.	hxol5o2h	G	0	134.18178	300	5000	6 14	3	0	0
	hxol6o2h	G	0	134.18178	300	5000	6 14	3	0	0
	hxol1o	G	0	117.17441	300	5000	6 13	2	0	0
	hxol2o	G	0	117.17441	300	5000	6 13	2	0	0
	hxol3o	G	0	117.17441	300	5000	6 13	2	0	0
	hxol4o	G	0	117.17441	300	5000	6 13	2	0	0
	hxol5o	G	0	117.17441	300	5000	6 13	2	0	0
	hxo160	G	0		300	5000	6 13	2	0	0
				117.17441				3		
	hxol2j1o2h	G	0	133.17381	300	5000	-	_	0	0
	hxol3j1o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol4jlo2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol1j2o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol3j2o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol4j2o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol5j2o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol1j3o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol2j3o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol4j3o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol5j3o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol6j3o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol1j4o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol2j4o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol3j4o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol5j4o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	hxol6j4o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol2j5o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol3j5o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol4j5o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol6j5o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol3j6o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxol4j6o2h	G	0	133.17381	300	5000	6 13	3	0	0
	hxo14j6o2h	G	0	133.17381	300	5000	6 13	3	0	0
***.	_	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy3o1	G	0		300		6 12	2	0	0
				116.16644		5000				
	hxolcy4o1	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy3o2	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy4o2	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy5o2	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy4o3	G	0	116.16644	300	5000	6 12	2	0	0
***.	hxolcy5o3	G	0	116.16644	300	5000	6 12	2	0	0

***.	hxolcy6o3	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy5o4	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy6o4	G	0	116.16644	300	5000	6 12	2	0	0
	hxolcy6o5	G	0	116.16644	300	5000	6 12	2	0	0
		_	-							-
	hxollo2h2o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxollo2h3o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxollo2h4o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol2o2h1o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol2o2h3o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol2o2h4o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo12o2h5o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxol3o2h1o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo13o2h1o2	G	0	165.17261	300	5000	6 13	5	0	0
		_								-
	hxol3o2h4o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxol3o2h5o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxol3o2h6o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol4o2h1o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol4o2h2o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol4o2h3o2	G	0	165.17261	300	5000	6 13	5	0	0
***.	hxol4o2h5o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxol4o2h6o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo15o2h2o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo15o2h3o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo15o2h4o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo1502h402	_		165.17261						
		G	0		300	5000	6 13	5	0	0
	hxo16o2h3o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo16o2h4o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxo16o2h5o2	G	0	165.17261	300	5000	6 13	5	0	0
	hxol1*o2o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxol1*o3o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxol1*o4o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxol2*olo2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxo12*o3o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxol2*o4o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxo12*o5o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxol3*olo2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxol3*o2o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxo13*04o2h	G	0	148.16524	300		6 12	4	0	0
	hxo13*0502h	_		148.16524		5000		_		
		G	0		300	5000		4	0	0
	hxol3*o6o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.		G	0	148.16524	300	5000	6 12	4	0	0
	hxol4*o2o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxol4*o3o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxo14*o5o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxol4*o6o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxo15*o2o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.	hxo15*o3o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxol5*o4o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxo15*o6o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxo16*o3o2h	G	0	148.16524	300	5000	6 12	4	0	0
	hxo16*o4o2h	G	0	148.16524	300	5000		4	0	0
	hxol6*o5o2h	G	0	148.16524	300	5000	6 12	4	0	0
***.		G	0	59.04671	300	5000	2 3	2	0	0
***.	ch2ch2cooh	G	0	73.07465	300	5000	3 5	2	0	0
	c2h3cooh	G	0	72.06668	300	5000	3 4	2	0	0
	c2h3coch2oh	G	0	86.09462	300	5000	4 6	2	0	0
***.	c2h3cochoh	G	0	85.08665	300	5000	4 5	2	0	0
***.	c3h7coc2h3	G	0	98.15110	300	5000	6 10	1	0	0
***.	c3h6coc2h3-1	G	0	97.14313	300	5000	6 9	1	0	0
	c3h6coc2h3-2	G	0	97.14313	300	5000	6 9	1	0	0
***.		G	0	97.14313	300	5000	6 9	1	0	0
•		_	-		200			_	-	_

				(k = A	T**b exp	o(-E/RT))
	REACTIONS CONSIDERE	D		A	b	E
1	c2h3+o2=ch2hco+o			1.18E+17	1 /	FF00 0
	c2h3+o2=ch2o+hco			9.27E+25	-1.4 $-4.0$	5580.0 7043.0
	c2h3+o2=chocho+h				-2.9	
	c2h3+o2=c2h2+ho2			3.25E+19		
	ch3+oh=ch2oh+h			1.99E+19		
	ch3+oh=ch3o+h			9.95E+14		
	ch3+oh=sch2+h2o			6.37E+18		
	ch3+oh=ch2o+h2			7.39E+14	-1.1	14551.0
	c3h3+c3h3=c6h5+h			3.67E+26		
	c3h3+c3h3=c6h6			3.89E+50		
11.	c3h3+c3h3=fulvene			1.07E+61	-14.0	28084.0
	Declared duplicate	reaction				
12.	c3h3+c3h3=fulvene			3.20E+28	-5.0	4517.0
	Declared duplicate	reaction				
13.	c3h3+c3h3=fulvene			5.62E+60	-13.9	27093.0
	Declared duplicate	reaction				
14.	c3h3+c3h3=fulvene			7.98E+29	-5.5	4665.0
	Declared duplicate	reaction				
15.	fulvene=c6h6			2.95E+31	-5.0	88465.0
16.	fulvene=c6h5+h			8.51E+24	-2.5	113330.0
17.	nc4h5+c2h2=c6h6+h			1.69E+16	-1.0	8968.0
18.	nc4h5+c2h2=fulvene+	h		1.74E+19	-1.9	12384.0
19.	ic4h5+c2h2=c6h6+h			8.25E+24	-3.8	26565.0
20.	ic4h5+c2h2=fulvene+	h		9.74E+26		
21.	h+h+m=h2+m			1.00E+18	-1.0	0.0
	h2o	Enhanced by	1.625E+01			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
	h2	Enhanced by	2.500E+00			
	112	Ellianced by	∠.JUUĿ⊤UU			

	2.72	Enhanged	h	7 E00E 01			
2.2	ar h+o2=oh+o	Enhanced	Dy	7.500E-01	1 000.14	0 0	16010 0
					1.90E+14		16812.0
23.	h+o2+m=ho2+m		_		8.00E+17	-0.8	0.0
	h2o	Enhanced		1.625E+01			
	CO	Enhanced	-	1.875E+00			
	co2	Enhanced	by	3.750E+00			
	ch4	Enhanced	by	1.625E+01			
	c2h6	Enhanced	by	1.625E+01			
	h2	Enhanced		2.500E+00			
	ar	Enhanced		4.000E-01			
24	h+oh+m=h2o+m	Dilliancea	$\mathcal{L}_{I}$	1.0001 01	3.00E+22	-2.0	0.0
44.		Enhanged	h	1 6050.01	3.00E+ZZ	-2.0	0.0
	h2o	Enhanced		1.625E+01			
	CO	Enhanced	_	1.875E+00			
	co2	Enhanced		3.750E+00			
	ch4	Enhanced	_	1.625E+01			
	c2h6	Enhanced	by	1.625E+01			
	h2	Enhanced	by	2.500E+00			
	ar	Enhanced	by	7.500E-01			
25.	h2+o2=oh+oh		-		1.70E+13	0.0	47780.0
	o+h2=oh+h				1.30E+04	2.8	5922.0
	h2+oh=h2o+h				2.16E+08	1.5	3430.0
	0+0+m=02+m				1.14E+17	-1.0	0.0
۷٥.		T-1	1	1 (055.01	1.146+1/	-1.0	0.0
	h2o	Enhanced		1.625E+01			
	CO	Enhanced	-	1.875E+00			
	co2	Enhanced	by	3.750E+00			
	ch4	Enhanced	by	1.625E+01			
	c2h6	Enhanced	by	1.625E+01			
	h2	Enhanced	by	2.500E+00			
	ar	Enhanced	by	7.500E-01			
29.	o+h+m=oh+m		-		6.20E+16	-0.6	0.0
	h2o	Enhanced	by	1.625E+01			
	CO	Enhanced		1.875E+00			
	co2	Enhanced		3.750E+00			
			_				
	ch4	Enhanced		1.625E+01			
	c2h6	Enhanced	_	1.625E+01			
	h2	Enhanced		2.500E+00			
	ar	Enhanced	by	7.500E-01			
30.	h2o+o=oh+oh				1.50E+10	1.1	17260.0
31.	oh+oh(+m)=h2o2(+m)				7.22E+13	-0.4	0.0
	Low pressure limit:	0.22110	E+20	-0.76000E+00	0.0000E	+00	
	TROE centering:	0.500001			0.10000E		
32	ho2+oh=h2o+o2				1.45E+13	0.0	-497.0
	ho2+o=oh+o2				2.44E+13	0.0	-446.0
	h+ho2=h2+o2				2.14E+13	0.0	1411.0
	h+ho2=oh+oh				8.40E+13	0.0	875.0
	h+ho2=h2o+o				3.01E+13	0.0	1721.0
37.	ho2+ho2=h2o2+o2				4.20E+14	0.0	11982.0
	Declared duplicate	reaction.					
38.	ho2+ho2=h2o2+o2				1.30E+11	0.0	-1630.0
	Declared duplicate	reaction.					
39.	h2o2+oh=ho2+h2o				5.80E+14	0.0	9557.0
	h2o2+h=ho2+h2				1.70E+12	0.0	3750.0
	h2o2+h=h2o+oh				1.00E+13	0.0	3590.0
	h2o2+o=ho2+oh				2.80E+13	0.0	6400.0
	co+ho2=co2+oh				1.15E+05	2.3	17550.0
	co+oh=co2+h				4.40E+06	1.5	-740.0
45.	co+o+m=co2+m	_	_		2.83E+13	0.0	-4540.0
	h2o	Enhanced	_	1.625E+01			
	CO	Enhanced	_	1.875E+00			
	co2	Enhanced	by	3.750E+00			
	ch4	Enhanced	_	1.625E+01			
			-				

	01. 6	n 1 1 1	1 6055.01			
		Enhanced by	1.625E+01			
		Enhanced by	2.500E+00			
4.0		Enhanced by	7.500E-01	0 525.10	0 0	45500
	co+o2=co2+o			2.53E+12	0.0	
4/.	hco+m=h+co+m	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 6055.01	2.30E+17	-1.0	17090.0
		Enhanced by	1.625E+01			
		Enhanced by	1.875E+00			
		Enhanced by	3.750E+00			
		Enhanced by	1.625E+01			
		Enhanced by	1.625E+01			
		Enhanced by	2.500E+00			
4.0		Enhanced by	7.500E-01			
	hco+oh=co+h2o			1.00E+14	0.0	0.0
	hco+o=co+oh			3.00E+13	0.0	0.0
	hco+o=co2+h			3.00E+13	0.0	0.0
-	hco+h=co+h2			7.22E+13	0.0	0.0
	hco+o2=co+ho2			7.58E+12	0.0	410.0
	hco+ch3=co+ch4			1.20E+14	0.0	0.0
-	hco+ho2=co2+oh+h			3.00E+13	0.0	0.0
	hco+hco=ch2o+co			1.20E+13	0.0	0.0
	hco+hco=h2+co+co			3.00E+12	0.0	0.0
	hco+c2h6=ch2o+c2h5			4.70E+04	2.7	18235.0
58.	o2cho=hco+o2			7.77E+26	-4.0	44230.0
	Reverse Arrhenius	coefficient	s:	1.20E+11	0.0	-1100.0
59.	ho2cho=ocho+oh			5.01E+14	0.0	40150.0
	Reverse Arrhenius	coefficient	s:	2.32E+06	2.1	655.0
60.	ocho+m=h+co2+m			2.44E+15	-0.5	26500.0
	Reverse Arrhenius	coefficient	s:	7.50E+13	0.0	29000.0
61.	hoch2o=hocho+h			1.00E+14	0.0	14900.0
	Reverse Arrhenius	coefficient	s:	5.92E+11	0.6	12300.0
62.	hocho+m=co+h2o+m			2.30E+13	0.0	50000.0
	Reverse Arrhenius	coefficient	s:	1.42E+10	0.5	46840.0
63.	hocho+m=co2+h2+m			1.50E+16	0.0	57000.0
	Reverse Arrhenius	coefficient	g:	2.40E+14	0.5	61020.0
64.	hocho=hco+oh			4.59E+18	-0.5	108300.0
	Reverse Arrhenius	coefficient	s:	1.00E+14	0.0	0.0
65.	ch2o+ocho=hco+hocho			5.60E+12	0.0	13600.0
	Reverse Arrhenius	coefficient	s:	8.58E+11	0.0	26750.0
66.	ocho+ho2=hocho+o2			3.50E+10	0.0	-3275.0
	Reverse Arrhenius	coefficient	s:	3.70E+12	-0.3	52690.0
67.	ocho+h2o2=hocho+ho2			2.40E+12	0.0	10000.0
	Reverse Arrhenius	coefficient	g:	1.79E+11	0.4	24790.0
68.	hocho+oh=h2o+co2+h			2.62E+06	2.1	916.0
	Reverse Arrhenius	coefficient	g:	0.00E+00	0.0	0.0
69.	hocho+oh=h2o+co+oh			1.85E+07	1.5	-962.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
70.	hocho+h=h2+co2+h			4.24E+06	2.1	4868.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
71.	hocho+h=h2+co+oh			6.03E+13	-0.3	2988.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
72.	hocho+ch3=ch4+co+oh			3.90E-07	5.8	2200.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
73.	hocho+ho2=h2o2+co+oh	L		1.00E+12	0.0	11920.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
74.	hocho+o=co+oh+oh			1.77E+18	-1.9	2975.0
	Reverse Arrhenius	coefficient	s:	0.00E+00	0.0	0.0
75.	ch3+ho2=ch4+o2			1.00E+12	0.0	0.0
	ch4(+m) = ch3 + h(+m)			2.40E+16	0.0	104913.0
		0.45000E+18	0.00000E+00			
	TROE centering:	0.64000E+00				2126E+05
77.	ch4+oh=ch3+h2o			1.60E+06	2.1	2462.0
-	<del></del>				- <del>-</del>	. =

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78. ch4+o=ch3+oh
                                                  1.62E+06 2.3
                                                                     7094.0
79. ch4+h=ch3+h2
                                                  2.25E+04
                                                             3.0
                                                                    8756.6
80. ch4+ch2=ch3+ch3
                                                  4.30E+12
                                                            0.0
                                                                     10038.0
81. ch3+m=ch2+h+m
                                                  1.90E+16
                                                            0.0
                                                                     91600.0
       h2o
                        Enhanced by
                                       1.625E+01
                        Enhanced by
                                       1.875E+00
       CO
                        Enhanced by
                                       3.750E+00
       co2
       ch4
                        Enhanced by
                                       1.625E+01
       c2h6
                        Enhanced by
                                      1.625E+01
       h2
                        Enhanced by
                                       2.500E+00
                        Enhanced by
                                      7.500E-01
       ar
82. ch3+m=ch+h2+m
                                                  6.90E+14
                                                              0.0
                                                                    82460.0
                        Enhanced by
                                       1.625E+01
       h2o
                                       1.875E+00
       CO
                        Enhanced by
                        Enhanced by
                                       3.750E+00
       co2
       ch4
                        Enhanced by
                                       1.625E+01
       c2h6
                        Enhanced by
                                       1.625E+01
       h2
                        Enhanced by
                                       2.500E+00
       ar
                        Enhanced by
                                       7.500E-01
83. ch3+ho2=ch3o+oh
                                                  5.00E+11
                                                              0.3
                                                                      -687.6
84. ch3+h2o2=ch4+ho2
                                                  6.10E+09
                                                             0.0
                                                                      -596.0
85. ch3+o=h+ch2o
                                                  8.43E+13
                                                              0.0
                                                                         0.0
86. ch3+o=>h+h2+co
                                                  3.37E+13
                                                              0.0
                                                                         0.0
87. ch3+o2=ch2o+oh
                                                  6.62E+11
                                                              0.0
                                                                     14188.0
88. ch3+o2=ch3o+o
                                                  6.60E+13
                                                              0.0
                                                                     31398.0
89. ch3+ch3=c2h5+h
                                                  3.01E+13
                                                             0.0
                                                                     13513.0
                                                            -1.2
90. ch3+ch3(+m)=c2h6(+m)
                                                  9.21E+16
                                                                       635.8
    Low pressure limit: 0.11350E+37 -0.52460E+01
                                                  0.17050E+04
    TROE centering:
                         0.40500E+00 0.11200E+04 0.69600E+02 0.10000E+16
91. ch3+ch3o=ch4+ch2o
                                                  2.41E+13
                                                            0.0
                                                                  0.0
92. ch3+ch2oh=ch4+ch2o
                                                  2.41E+12
                                                              0.0
                                                                        0.0
93. ch3+o2(+m)=ch3o2(+m)
                                                  7.80E+08
                                                                        0.0
                                                              1.2
    Low pressure limit: 0.58000E+26 -0.33000E+01 0.00000E+00
                         0.66400E+00 0.10000E+06 0.10000E+02
    TROE centering:
94. ch3+h=ch2+h2
                                                           0.0
                                                                   15100.0
                                                  7.00E+13
95. ch3+oh=ch2+h2o
                                                  3.00E+06
                                                              2.0
                                                                     2500.0
96. ch2+oh=ch+h2o
                                                              2.0
                                                                      3000.0
                                                  1.13E+07
97. ch2+oh=ch2o+h
                                                  2.50E+13
                                                            0.0
                                                                        0.0
98. ch2+o=co+h+h
                                                  5.00E+13
                                                            0.0
                                                                        0.0
99. ch2+o=co+h2
                                                  6.00E+13
                                                            0.0
                                                                        0.0
100. ch2+h=ch+h2
                                                  3.50E+14
                                                            0.0
                                                                        0.0
101. ch2+o2=hco+oh
                                                             0.0
                                                                     -500.0
                                                  4.30E+10
102. ch2+o2=co2+h2
                                                  3.45E+11
                                                              0.0
                                                                    1000.0
103. ch2+o2=co2+h+h
                                                  1.60E+12
                                                              0.0
                                                                     1000.0
104. ch2+o2=co+h2o
                                                  1.87E+10
                                                              0.0
                                                                    -1000.0
105. ch2+o2=co+oh+h
                                                  8.64E+10
                                                            0.0
                                                                     -500.0
106. ch2+o2=ch2o+o
                                                  5.00E+13
                                                            0.0
                                                                      9000.0
107. ch2+co2=ch2o+co
                                                  1.10E+11
                                                            0.0
                                                                      1000.0
108. ch2+ch2=c2h2+h2
                                                  3.20E+13
                                                            0.0
                                                                        0.0
109. ch2+ch2=c2h2+h+h
                                                  4.00E+13
                                                            0.0
                                                                        0.0
110. ch2+ch3=c2h4+h
                                                  4.00E+13
                                                            0.0
                                                                        0.0
111. ch2+ch=c2h2+h
                                                  4.00E+13
                                                            0.0
                                                                        0.0
112. ch2+c2h2=h+c3h3
                                                                     6620.0
                                                  1.20E+13
                                                            0.0
113. ch2+c2h4=c3h6
                                                  4.30E+12
                                                            0.0
                                                                   10038.0
114. ch2+c2h6=ch3+c2h5
                                                  6.50E+12
                                                             0.0
                                                                      7911.0
115. sch2+m=ch2+m
                                                  1.00E+13
                                                           0.0
                                                                         0.0
       h2o
                        Enhanced by
                                       1.625E+01
                        Enhanced by
       CO
                                       1.875E+00
                                       3.750E+00
       co2
                        Enhanced by
                        Enhanced by
       ch4
                                       1.625E+01
       c2h6
                        Enhanced by
                                       1.625E+01
```

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h2
                        Enhanced by
                                      2.500E+00
                        Enhanced by
                                      7.500E-01
       ar
                                                          0.0
116. sch2+o2=co+oh+h
                                                 3.00E+13
                                                                       0.0
117. sch2+h2=ch3+h
                                                 7.00E+13
                                                           0.0
                                                                       0.0
118. sch2+h=ch2+h
                                                            0.0
                                                                       0.0
                                                 2.00E+14
119. sch2+h=ch+h2
                                                 3.00E+13
                                                            0.0
                                                                       0.0
120. sch2+o=co+h+h
                                                 1.50E+13
                                                            0.0
                                                                       0.0
121. sch2+o=co+h2
                                                 1.50E+13
                                                            0.0
                                                                       0.0
122. sch2+oh=ch2o+h
                                                            0.0
                                                                       0.0
                                                 3.00E+13
123. sch2+ho2=ch2o+oh
                                                            0.0
                                                 3.00E+13
                                                                       0.0
124. sch2+h2o2=ch3o+oh
                                                 3.00E+13
                                                           0.0
                                                                       0.0
                                                          -1.2
125. sch2+h2o(+m)=ch3oh(+m)
                                                 4.82E+17
                                                                    1145.0
    Low pressure limit: 0.18800E+39 -0.63600E+01 0.50400E+04
                       0.60270E+00 0.20800E+03 0.39220E+04 0.10180E+05
    TROE centering:
       h2o
                       Enhanced by
                                     1.625E+01
                                     1.875E+00
       CO
                       Enhanced by
                                     3.750E+00
       co2
                       Enhanced by
                                     1.625E+01
       ch4
                       Enhanced by
       c2h6
                       Enhanced by
                                     1.625E+01
       h2
                       Enhanced by
                                      2.500E+00
                       Enhanced by 7.500E-01
       ar
126. sch2+ch2o=ch3+hco
                                                 1.20E+12
                                                            0.0
                                                                       0.0
127. sch2+hco=ch3+co
                                                 1.80E+13
                                                            0.0
                                                                       0.0
128. sch2+ch3=c2h4+h
                                                 1.80E+13
                                                            0.0
                                                                       0.0
129. sch2+ch4=ch3+ch3
                                                 4.00E+13
                                                            0.0
                                                                       0.0
130. sch2+c2h6=ch3+c2h5
                                                 1.20E+14
                                                            0.0
                                                                       0.0
131. sch2+c2h4=ac3h5+h
                                                 1.30E+14
                                                            0.0
                                                                       0.0
132. sch2+c2h2=c3h3+h
                                                 1.80E+14
                                                            0.0
                                                                       0.0
133. sch2+h2o=ch2+h2o
                                                 3.00E+13
                                                            0.0
                                                                       0.0
134. sch2+co2=ch2o+co
                                                 3.00E+12
                                                            0.0
                                                                       0.0
                                                           0.0
135. sch2+ch2co=c2h4+co
                                                1.60E+14
                                                                       0.0
                                                          0.0
136. ch+oh=hco+h
                                                 3.00E+13
                                                                       0.0
137. ch+o=co+h
                                                1.80E+14
                                                          0.0
                                                                       0.0
138. ch+o=C+oh
                                                 1.80E+14
                                                          0.0
                                                                       0.0
139. ch+o2=hco+o
                                                 1.00E+13
                                                          0.0
                                                                       0.0
140. ch+o2=co+oh
                                                 1.00E+13
                                                          0.0
                                                                       0.0
141. ch+co2=hco+co
                                                 3.40E+12 0.0
                                                                     690.0
142. ch+h2o=ch2o+h
                                                 1.71E+13 0.0
                                                                    -755.0
143. ch+ch4=c2h4+h
                                                 6.00E+13
                                                          0.0
                                                                       0.0
                                                                       0.0
144. ch+ch3=c2h3+h
                                                 3.00E+13
                                                           0.0
                                                 5.65E+13
145. ch3+oh(+m)=ch3oh(+m)
                                                           0.1
                                                                       0.0
    Low pressure limit: 0.57500E+42 -0.74000E+01 0.62600E+03
                       0.25000E-01 0.10000E-14 0.80000E+04 0.30000E+04
    TROE centering:
       h2o
                       Enhanced by 1.600E+01
       CO
                       Enhanced by
                                     2.000E+00
       co2
                        Enhanced by
                                     3.000E+00
       h2
                        Enhanced by 2.000E+00
                       Enhanced by 7.500E-01
146. ch3oh(+m) = ch2oh + h(+m)
                                                 2.69E+16 -0.1
                                                                   98940.0
    Low pressure limit: 0.23400E+41 -0.63300E+01 0.10310E+06
                        0.77300E+00 0.69300E+03 0.53330E+04 0.10000E-09
    TROE centering:
147. ch3oh+o2=ch2oh+ho2
                                                           0.0
                                                 2.05E+13
                                                                   44910.0
148. ch3oh+o2=ch3o+ho2
                                                 2.50E+12
                                                            0.0
                                                                   55000.0
149. ch3oh+ho2=ch2oh+h2o2
                                                 4.82E+10
                                                           0.0
                                                                   12580.0
150. ch3oh+oh=ch2oh+h2o
                                                 1.30E+13
                                                           0.0
                                                                    5960.0
151. ch3oh+oh=ch3o+h2o
                                                 1.30E+13
                                                           0.0
                                                                   5960.0
152. ch3oh+o=ch2oh+oh
                                                 1.63E+13
                                                           0.0
                                                                   5030.0
153. ch3oh+h=ch2oh+h2
                                                3.20E+13
                                                           0.0
                                                                    6095.0
154. ch3oh+h=h2+ch3o
                                                8.00E+12
                                                           0.0
                                                                   6095.0
155. ch3oh+h=ch3+h2o
                                                1.70E+13
                                                           0.0
                                                                   5311.0
156. ch3oh+ch2o=ch3o+ch3o
                                                1.55E+12 0.0 79570.0
```

1 - 7	ch3oh+ch3=ch2oh+ch4			2 [75.11	0 0	0.662 0
	ch3oh+ch3=ch3o+ch4			3.57E+11 4.68E+05	0.0	8663.0 12764.0
	ch2oh+m=ch2o+h+m			1.00E+14	0.0	25100.0
	h2o	Enhanced by	1.000E+00			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
	h2	Enhanced by Enhanced by	2.500E+00			
160	ar ch2oh+h=ch2o+h2	Ennanced by	7.500E-01	3.00E+13	0.0	0.0
	ch2oh+o2=ch2o+ho2			2.17E+14	0.0	4690.0
	ch2oh+o=ch2o+oh			4.20E+13	0.0	0.0
	ch2oh+ho2=ch2o+h2o2			1.20E+13	0.0	0.0
164.	ch2oh+hco=ch3oh+co			1.00E+13	0.0	0.0
165.	ch3o+m=ch2o+h+m			4.88E+15	0.0	22773.0
	h2o	Enhanced by	1.625E+01			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6 h2	Enhanced by Enhanced by	1.625E+01 2.500E+00			
	ar	Enhanced by	7.500E-01			
166.	ch3o+ho2=ch2o+h2o2	Elliancea 27	7.5001 01	3.00E+11	0.0	0.0
167.	ch3o+oh=ch2o+h2o			1.00E+13	0.0	0.0
168.	ch3o+o=ch2o+oh			1.30E+13	0.0	0.0
	ch3o+h=ch2o+h2			2.00E+13	0.0	0.0
	ch3o+o2=ch2o+ho2			2.35E+10	0.0	1788.0
	ch3o+ch2o=ch3oh+hco			1.15E+11	0.0	1280.0
	ch3o+co=ch3+co2			1.57E+13	0.0	11804.0
	ch3o+hco=ch3oh+co ch3o+c2h5=ch2o+c2h6			9.00E+13 2.41E+13	0.0	0.0
	ch3o+c2h3=ch2o+c2h4			2.41E+13	0.0	0.0
	ch3o+c2h4=ch2o+c2h5			1.20E+11	0.0	7000.0
	ch3o2+ho2=ch3o2h+o2			2.29E+11	0.0	-1790.0
	ch3o2h+oh=ch3o2+h2o			1.15E+12	0.0	-380.0
179.	ch3o2h+o=oh+ch3o2			2.00E+13	0.0	4750.0
	ch3o2h+h=ch3o2+h2			8.80E+10	0.0	1860.0
	ch3o2h+h=ch3o+h2o			8.20E+10	0.0	1860.0
	ch2o+ch3o2=hco+ch3o2			2.00E+12	0.0	11700.0
	ch3o2+ch4=ch3+ch3o2l ch3o2+ch3oh=ch2oh+cl			1.80E+11 1.80E+12	0.0	18500.0 13712.0
	ch3o2+ch3off-ch2o+h2o+ch3o2+ho2=ch2o+h2o+			1.80E+12 1.80E+10	0.0	-1431.0
	ch3o2+ch3o2=ch2o+ch3			1.05E+09	0.0	-3589.0
	ch3o2+ch3o2=ch3o+ch3			7.74E+10	0.0	-61.0
188.	ch3o2+c2h6=ch3o2h+c3	2h5		2.95E+11	0.0	15000.0
189.	ch3o2+ch3=ch3o+ch3o			1.00E+12	0.0	-1411.0
	ch3o2+oh=ch3oh+o2			6.00E+13	0.0	0.0
	ch3o2+h=ch3o+oh			9.60E+13	0.0	0.0
	ch3o2+h2o2=ch3o2h+h	02		2.41E+12	0.0	9936.0
	ch3o2+o=ch3o+o2 ch3o2+ch3o=ch3o2h+cl	h2o		3.60E+13 3.00E+11	0.0	0.0
	ch3o2+ch2oh=ch2o+ch3			1.20E+11	0.0	0.0
	ch3o2+c2h5o2=o2+ch3o			7.74E+10	0.0	-61.0
	ch3o2h(+m)=ch3o+oh(+m)			4.05E+19	-1.2	44255.0
	Low pressure limit:		-0.75020E+01			
	TROE centering:	0.83750E+00	0.36562E+05	0.49880E		.99900E+04
	ch2o+oh=hco+h2o			1.72E+09	1.2	-447.0
	ch2o+ch3=hco+ch4			7.80E-08	6.1	1970.0
∠UU.	ch2o+m=hco+h+m h2o	Enhanced by	1.625E+01	5.85E+14	0.0	64200.0
	1120	Ellianced by	T.073F+0T			

	co co2 ch4 c2h6 h2	Enhanced by Enhanced by Enhanced by Enhanced by Enhanced by Enhanced by	2.500E+00			
0.01	ar	Ellianced by	7.500E-01	0 00= 06	0 0	10000
	ch2o+ho2=hco+h2o2			2.20E+06	2.0	12000.0
	ch2o+o=hco+oh			1.81E+13	0.0	3088.0
	ch2o+h=hco+h2			1.10E+08	1.8	3000.0
	ch2o+o2=hco+ho2			1.23E+06	3.0	52000.0
205.	ch2o+o2cho=hco+ho2ch	10		1.99E+12	0.0	11660.0
	Reverse Arrhenius	s coefficients	:	2.33E+02	2.3	4687.0
206.	c2h6+ho2=c2h5+h2o2			8.00E+11	0.0	17600.0
207.	c2h6+oh=c2h5+h2o			5.11E+06	2.1	854.0
208.	c2h6+o=c2h5+oh			9.99E+08	1.5	5803.0
209.	c2h6+h=c2h5+h2			5.25E+14	0.0	12800.0
210.	c2h6+o2=c2h5+ho2			1.00E+13	0.0	51000.0
211.	c2h6+ch3o=c2h5+ch3oh	ı		3.02E+11	0.0	7000.0
212.	c2h6+ch3=c2h5+ch4			7.54E+00	3.7	9883.0
213.	c2h5o2=c2h5+o2			4.93E+50		42250.0
	Reverse Arrhenius	s coefficients	:	1.09E+48		10220.0
214.	c2h5+ho2=c2h5o+oh			1.90E+12	0.0	-1200.0
	ch3o2+c2h5=ch3o+c2h5	50		7.00E+12	0.0	-1000.0
	Reverse Arrhenius	s coefficients	:		-0.9	31260.0
216	c2h5o2=c2h4o2h	o cocritorenes		5.64E+47	-11.4	37320.0
210.	Reverse Arrhenius	s coefficients	•	6.99E+48	-12.2	25850.0
217	c2h5+ho2=c2h4+h2o2	COCILICICIED		1.79E+12	0.0	0.0
	c2h5+oh=c2h4+h2o			2.41E+13	0.0	0.0
	c2h5+oh=>ch3+ch2o+h			2.41E+13	0.0	0.0
	c2h5+o=ch2o+ch3			4.24E+13	0.0	0.0
	c2h5+o=ch3hco+h			5.30E+13	0.0	0.0
	c2h5+o=c2h4+oh			3.05E+13	0.0	0.0
	c2h5+h=c2h4+h2			1.25E+14	0.0	8000.0
	c2h5+ch3=c2h4+ch4			1.14E+12	0.0	0.0
	c2h5+c2h5=c2h4+c2h6			1.40E+12	0.0	0.0
	c2h4+h(+M)=c2h5(+M)			3.97E+09	1.3	1292.0
220.	Low pressure limit:	0.27910E+19	0.00000E+00			1272.0
	TROE centering:	0.76000E+00	0.40000E+02	0.73300E 0.10250E		
227	c2h4+h2=ch3+ch3	0.70000E100	0.40000E102	3.77E+12	0.8	84710.0
221.	Reverse Arrhenius	a gooffigients	•	1.00E+14	0.0	32000.0
228	c2h4+ho2=c2h4o+oh	s coefficients	•	2.23E+12	0.0	17190.0
220.	Reverse Arrhenius	a gooffigients	•	3.52E+17		39670.0
220	c2h4+M=c2h2+h2+M	s coefficients	•	3.00E+17	0.0	79350.0
227.	h2o	Enhanced by	1.625E+01	J.00E117	0.0	7,550.0
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
230	c2h4+M=c2h3+h+M	Elmaneca by	1.0255101	2.97E+17	0.0	96560.0
250.	h2o	Enhanced by	1.625E+01	2.71111	0.0	20300.0
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
231	c2h4+ho2=c2h4o2h	Elmaneca by	1.0255101	4.13E+04	2.2	13490.0
<b>∠</b> J ⊥ •	Reverse Arrhenius	coefficients	•	3.89E+10	0.5	18870.0
222	c2h4+oh=c2h3+h2o	COCTITOTETICS	=	2.02E+13	0.0	5936.0
	c2h4+o=ch3+hco			1.20E+08	1.4	530.0
	c2h4+o=ch2hco+h			2.00E+08	1.4	530.0
	c2h4+h=c2h3+h2			1.00E+14	0.0	15009.0
	c2h4+o2=c2h3+ho2			4.22E+13	0.0	57629.0
200.	02111.02-02113.1102			1.225113	0.0	5/025.0

```
5.00E+14 0.0 64700.0
237. c2h4+c2h4=c2h5+c2h3
238. c2h4+ch3=c2h3+ch4
                                                 6.63E+00
                                                           3.7
                                                                   9499.0
239. c2h4+ho2=c2h3+h2o2
                                                 4.80E+04
                                                           2.5
                                                                   27622.0
240. c2h3+ho2=>ch3+co+oh
                                                 3.00E+13
                                                           0.0
                                                                       0.0
241. c2h3+oh=c2h2+h2o
                                                           0.0
                                                 3.00E+13
                                                                       0.0
242. c2h3+h=c2h2+h2
                                                 3.00E+13
                                                           0.0
                                                                       0.0
243. c2h3+o=ch3+co
                                                 1.50E+13
                                                            0.0
                                                                       0.0
244. c2h3+o=ch2co+h
                                                 1.50E+13
                                                            0.0
                                                                       0.0
                                                 5.00E+13
245. c2h3+ch=ch2+c2h2
                                                            0.0
                                                                       0.0
246. c2h3+ch2=ac3h4+h
                                                 3.00E+13
                                                            0.0
                                                                       0.0
247. c2h3+ch3=c2h2+ch4
                                                 3.91E+11
                                                            0.0
                                                                       0.0
248. c2h3+c2h6=c2h4+c2h5
                                                 1.50E+13
                                                           0.0
                                                                   10000.0
                                                           0.0
249. c2h3+c2h=c2h2+c2h2
                                                 9.64E+11
                                                                      0.0
250. c2h3+c2h2=c4h4+h
                                                 2.00E+12
                                                           0.0
                                                                    5000.0
251. c2h3+hco=c2h4+co
                                                 9.03E+13
                                                            0.0
                                                                      0.0
252. c2h3+ch2o=c2h4+hco
                                                 5.42E+03
                                                            2.8
                                                                    5862.0
253. c2h3+c2h3=c2h2+c2h4
                                                 1.08E+13
                                                            0.0
                                                                       0.0
254. c2h3+c2h3=c4h6
                                                 5.00E+13
                                                            0.0
                                                                       0.0
255. c2h3+c2h4=c4h6+h
                                                 1.27E+12
                                                            0.0
                                                                    7305.0
256. c2h3+ch3=ac3h5+h
                                                 4.73E+02
                                                            3.7
                                                                    5677.0
257. c2h2+oh(+m)=c2h2oh(+m)
                                                 2.29E+13
                                                            0.0
                                                                    1808.0
    Low pressure limit: 0.74400E+27 -0.31000E+01
                                                 0.18080E+04
                       0.17000E+00 0.18000E+03 0.50000E+05 0.12772E+05
    TROE centering:
258. c2h2+o2=hcco+oh
                                                 2.00E+08
                                                           1.5
                                                                   30100.0
259. c2h2+o2=c2h+ho2
                                                 1.21E+13
                                                            0.0
                                                                   74520.0
260. c2h2+ho2=ch2co+oh
                                                 6.09E+09
                                                            0.0
                                                                    7948.0
261. c2h2+oh=c2h+h2o
                                                 3.40E+07
                                                            2.0
                                                                  14000.0
                                                                  -2000.0
262. c2h2+oh=ch3+co
                                                 4.84E-04
                                                            4.0
263. c2h2+oh=ch2co+h
                                                 2.19E-04
                                                          4.5
                                                                   -1000.0
                                                          2.3
                                                                 13500.0
264. c2h2+oh=hccoh+h
                                                 5.06E+05
                                                          2.6
265. c2h2+o=ch2+co
                                                 1.98E+04
                                                                   656.0
                                                           2.6
266. c2h2+o=hcco+h
                                                 4.62E+04
                                                                     656.0
267. c2h2+ch3=c2h+ch4
                                                 1.80E+11
                                                           0.0 17290.0
268. c2h2+h(+m)=c2h3(+m)
                                                 2.34E+15
                                                          -0.9
                                                                    3064.0
    Low pressure limit: 0.22540E+41 -0.72690E+01 0.65770E+04
    TROE centering: 0.50000E+00 0.67500E+03 0.67500E+03
                       Enhanced by 5.000E+00
       h2o
                                     2.000E+00
                       Enhanced by
       CO
                       Enhanced by
                                     3.000E+00
       co2
                       Enhanced by 2.000E+00
Enhanced by 7.500E-01
       h2
       ar
                                                          0.0
                                                                    3100.0
269. c2h+h2=c2h2+h
                                                 1.51E+13
270. c2h+oh=hcco+h
                                                 2.00E+13 0.0
                                                                       0.0
271. c2h+o=co+ch
                                                 1.00E+13
                                                          0.0
                                                                       0.0
272. c2h+o2=co+hco
                                                 2.41E+12
                                                           0.0
                                                                       0.0
273. c2h4o=ch4+co
                                                 1.21E+13
                                                           0.0
                                                                  57200.0
274. c2h4o=ch3hco
                                                 6.00E+13
                                                           0.0
                                                                  57200.0
275. c2h4o=ch3+hco
                                                 4.90E+13
                                                           0.0
                                                                  57200.0
276. c2h4o+o2=c2h3o+ho2
                                                 4.00E+13
                                                           0.0
                                                                  61500.0
277. c2h4o+h=c2h3o+h2
                                                2.00E+13
                                                           0.0
                                                                   8300.0
278. c2h4o+h=c2h3+h2o
                                                5.00E+09
                                                           0.0
                                                                    5000 0
279. c2h4o+h=c2h4+oh
                                                9.51E+10
                                                           0.0
                                                                    5000.0
280. c2h4o+o=c2h3o+oh
                                                1.91E+12
                                                           0.0
                                                                   5250.0
281. c2h4o+oh=c2h3o+h2o
                                                4.79E+13
                                                           0.0
                                                                   5955.0
282. c2h4o+ho2=c2h3o+h2o2
                                                 4.00E+12
                                                           0.0
                                                                  17000.0
283. c2h4o+ch3=ch4+c2h3o
                                                 1.07E+12
                                                           0.0
                                                                  11830.0
284. c2h4o2h=c2h4o+oh
                                                 3.16E+11
                                                           0.0
                                                                   19500.0
285. c2h5oh(+M)=ch3+ch2oh(+M)
                                                 5.94E+23
                                                          -1.7
                                                                   91163.0
    Low pressure limit: 0.28800E+86 -0.18900E+02 0.10991E+06
    TROE centering:
                        0.50000E+00 0.20000E+03 0.89000E+03 0.46000E+04
       h20
                        Enhanced by
                                     5.000E+00
```

	1-0	Dule and des	2 000			
	h2 co2	Enhanced by Enhanced by	2.000E+00 3.000E+00			
	CO2	Enhanced by	2.000E+00			
286	c2h5oh(+M)=c2h5+oh(+M)	_	Z.000E100	1.25E+23	-1.5	96005.0
200.	Low pressure limit:		-0.18810E+02	0.11493E+		20003.0
	TROE centering:	0.50000E+00	0.30000E+03	0.90000E+		0000E+04
	h2o	Enhanced by	5.000E+00			
	h2	Enhanced by	2.000E+00			
	co2	Enhanced by	3.000E+00			
	СО	Enhanced by	2.000E+00			
287.	c2h5oh(+M) = c2h4 + h2o			2.79E+13	0.1	66136.0
	Low pressure limit:		-0.18850E+02	0.86452E+		
	TROE centering:	0.70000E+00	0.35000E+03	0.80000E+	-03 0.3	8000E+04
	h2o	Enhanced by	5.000E+00			
288.	c2h5oh(+M)=ch3hco+h3			7.24E+11	0.1	91007.0
	Low pressure limit:		-0.19420E+02			5000- 04
	TROE centering:		0.90000E+03	0.11000E+	-04 0.3	5000E+04
200	h2o c2h5oh+o2=pc2h4oh+ho	Enhanced by	5.000E+00	2 000.12	0.0	E2000 0
209.	Reverse Arrhenius		, •	2.00E+13 3.47E+08	0.0	52800.0 -1105.0
290	c2h5oh+o2=ch3choh+h		,•	1.50E+13	0.0	50150.0
200.	Reverse Arrhenius		s:	1.08E+09	0.6	-504.0
291.	c2h5oh+oh=pc2h4oh+h			6.20E+03	2.7	-576.0
	c2h5oh+oh=ch3choh+h2			1.31E+05	2.4	-1457.0
	c2h5oh+oh=c2h5o+h2o			2.81E+02	3.0	-580.0
294.	c2h5oh+h=pc2h4oh+h2			1.88E+03	3.2	7150.0
295.	c2h5oh+h=ch3choh+h2			1.79E+05	2.5	3420.0
296.	c2h5oh+h=c2h5o+h2			5.55E-23	10.6	-4459.0
	c2h5oh+o=pc2h4oh+oh			9.69E+02	3.2	4658.0
	c2h5oh+o=ch3choh+oh			1.45E+05	2.4	876.0
	c2h5oh+o=c2h5o+oh			1.46E-03	4.7	1727.0
	c2h5oh+ch3=pc2h4oh+c			3.30E+02	3.3	12291.0
	c2h5oh+ch3=ch3choh+c			1.99E+01	3.4	7635.0
	c2h5oh+ch3=c2h5o+ch			2.04E+00	3.6	7722.0
	c2h5oh+ho2=ch3choh+l c2h5oh+ho2=pc2h4oh+l			8.20E+03 1.23E+04	2.5 2.5	10750.0 15750.0
	c2h5oh+ho2=c2h5o+h2o			2.50E+12	0.0	24000.0
	c2h5o+M=ch3hco+h+M	52		1.16E+35	-5.9	25274.0
	c2h5o+M=ch3+ch2o+M			1.35E+38	-7.0	23800.0
	c2h5o+o2=ch3hco+ho2			4.00E+10	0.0	1100.0
	c2h5o+co=c2h5+co2			4.68E+02	3.2	5380.0
310.	c2h5o+h=ch3+ch2oh			3.00E+13	0.0	0.0
311.	c2h5o+h=c2h4+h2o			3.00E+13	0.0	0.0
312.	c2h5o+oh=ch3hco+h2o			1.00E+13	0.0	0.0
	ch3choh+o2=ch3hco+h			1.00E+13	0.0	5564.0
	ch3choh+ch3=c3h6+h2c	0		1.00E+13	0.0	0.0
	ch3choh+o=ch3hco+oh			1.00E+14	0.0	0.0
	ch3choh+h=c2h4+h2o			3.00E+13	0.0	0.0
	ch3choh+h=ch3+ch2oh	-11-		3.00E+13	0.0	0.0
	ch3choh+ho2=ch3hco+			4.00E+13	0.0	0.0
	ch3choh+oh=ch3hco+h; ch3choh+M=ch3hco+h+l			5.00E+12	0.0	0.0
	c2h4+oh=pc2h4oh	νI		1.00E+14 1.29E+12	0.0	25000.0 -817.0
	pc2h4oh+o2=o2c2h4oh			1.00E+12	0.0	-1100.0
	o2c2h4oh=ch2o+ch2o+c	oh		6.00E+10	0.0	24500.0
	c2h5o2+ch3=c2h5o+ch3			8.17E+12	0.0	-906.0
	c2h5o2=c2h4+ho2			3.57E+04	2.3	27955.0
	c2h5o2+ho2=c2h5o2h+o	02		3.40E+11	0.0	-1300.0
327.	c2h5o2+ch2o=c2h5o2h	+hco		1.99E+12	0.0	11660.0
	c2h4+c2h5o2=c2h3+c2l			2.23E+12	0.0	17190.0
329.	ch4+c2h5o2=ch3+c2h5o	o2h		1.81E+11	0.0	18480.0

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1.81E+12 0.0
330. ch3oh+c2h5o2=ch2oh+c2h5o2h
                                                                    13710.0
331. c2h6+c2h5o2=c2h5+c2h5o2h
                                                 1.32E+13
                                                            0.0
                                                                    20470.0
332. c2h4o+c2h5o2=c2h3o+c2h5o2h
                                                 1.13E+13
                                                             0.0
                                                                    30430.0
333. c3h6+c2h5o2=ac3h5+c2h5o2h
                                                 3.24E+11
                                                            0.0
                                                                    14900.0
                                                            0.0
334. c2h5o2+c3h8=c2h5o2h+nc3h7
                                                 1.70E+13
                                                                    20460.0
335. c2h5o2+c3h8=c2h5o2h+ic3h7
                                                 2.00E+12
                                                            0.0
                                                                    17000.0
336. c4h8+c2h5o2=Cc4h7-1+c2h5o2h
                                                 1.40E+12
                                                            0.0
                                                                    14900.0
                                                 1.40E+16
337. c2h5o2+c2h5o2=c2h5o+c2h5o+o2
                                                           -1.6
                                                                    1860.0
                                                 4.00E+15
338. c2h5o2h=c2h5o+oh
                                                            0.0
                                                                   42900.0
339. c2h5o2h+o=oh+c2h5o2
                                                            0.0
                                                 2.00E+13
                                                                    4750.0
340. c2h5o2h+oh=c2h5o2+h2o
                                                 2.00E+12
                                                            0.0
                                                                     -370.0
                                                                    7700.0
341. c2h5o2h+h=ch3hco+oh+h2
                                                 3.20E+13
                                                            0.0
342. c2h5o2h+ch3=ch3hco+oh+ch4
                                                 5.70E+11
                                                            0.0
                                                                    8700.0
343. c2h5o2h+c2h5=ch3hco+oh+c2h6
                                                 3.40E+11
                                                            0.0
                                                                    11400.0
344. c2h5o2h+oh=ch3hco+oh+h2o
                                                 5.90E+12
                                                             0.0
                                                                     900.0
345. c2h5o2h+hco=ch3hco+oh+ch2o
                                                 1.80E+12
                                                             0.0
                                                                   16700.0
346. c2h5o2h+ch3o=ch3hco+oh+ch3oh
                                                 6.30E+11
                                                             0.0
                                                                    5500.0
347. c2h5o2h+ho2=ch3hco+oh+h2o2
                                                 8.00E+11
                                                             0.0
                                                                    16200.0
348. ch2hco+o2=ch2co+ho2
                                                 1.58E+10
                                                             0.0
                                                                        0.0
349. ch2hco+o2=ch2o+co+oh
                                                 2.51E+10
                                                             0.0
                                                                        0.0
350. ch2hco+o2=oh+chocho
                                                 2.51E+11
                                                            0.0
                                                                    14640.0
351. ch2hco+o=ch2o+hco
                                                 3.98E+13
                                                            0.0
                                                                       0.0
352. ch2hco+ho2=ch2o+hco+oh
                                                 1.00E+13
                                                             0.0
                                                                        0.0
353. ch2hco+oh=ch2co+h2o
                                                 2.00E+13
                                                            0.0
                                                                        0 0
354. h+ch2co(+m)=ch2hco(+m)
                                                 4.86E+11
                                                             0.4
                                                                    -1755.0
    Low pressure limit: 0.10120E+43 -0.76300E+01 0.38540E+04
    TROE centering:
                        0.46500E+00 0.20100E+03 0.17730E+04 0.53330E+04
       h2o
                        Enhanced by 6.000E+00
       CO
                        Enhanced by
                                      1.500E+00
                                     2.000E+00
       co2
                        Enhanced by
                                     2.000E+00
                        Enhanced by
       ch4
                                     3.000E+00
       c2h5
                        Enhanced by
                        Enhanced by 2.000E+00
Enhanced by 7.500E-01
       h2
       ar
                                                          0.0
355. ch2hco+h=ch2co+h2
                                                 4.00E+13
                                                                        0.0
                                                 4.90E+14 -0.5
356. ch2hco+ch3=>c2h5+co+h
                                                                        0.0
357. ch2co+m=ch2+co+m
                                                 3.60E+15 0.0
                                                                   59270.0
       h2o
                        Enhanced by
                                      1.625E+01
                        Enhanced by
                                      1.875E+00
       CO
                        Enhanced by
                                      3.750E+00
       co2
       ch4
                        Enhanced by
                                      1.625E+01
       c2h6
                        Enhanced by
                                     1.625E+01
       h2
                        Enhanced by 2.500E+00
                        Enhanced by
                                      7.500E-01
       ar
                                                 2.00E+13 0.0
358. ch2co+o2=ch2o+co2
                                                                    61500.0
359. ch2co+ho2=>ch2o+co+oh
                                                 6.00E+11 0.0
                                                                  12738.0
360. ch2co+o=ch2+co2
                                                 1.76E+12
                                                            0.0
                                                                    1349.0
361. ch2co+o=hcco+oh
                                                 1.00E+13
                                                            0.0
                                                                     8000.0
362. ch2co+oh=ch2oh+co
                                                 6.93E+12
                                                            0.0
                                                                        0.0
363. ch2co+oh=hco+ch2o
                                                 2.04E+11
                                                            0.0
                                                                        0.0
364. ch2co+oh=hcco+h2o
                                                            0.0
                                                 1.02E+11
                                                                       0.0
365. ch2co+oh=ch3+co2
                                                 3.10E+12
                                                            0.0
                                                                       0.0
                                                                     673.0
366. ch2co+h=ch3+co
                                                 1.50E+04
                                                            2.8
367. ch2co+h=hcco+h2
                                                 1.80E+14
                                                            0.0
                                                                    8600.0
368. ch2co+ch3=c2h5+co
                                                 6.00E+10
                                                            0.0
                                                                       0.0
369. ch2co+ch3=hcco+ch4
                                                 7.50E+12
                                                            0.0
                                                                    13000.0
370. ch2co+ch2=hcco+ch3
                                                 1.00E+12
                                                            0.0
                                                                       0.0
371. ch2co+ch2=c2h4+co
                                                 3.60E+13
                                                            0.0
                                                                   11000.0
372. ch+ch2o=ch2co+h
                                                 9.46E+13
                                                            0.0
                                                                    -515.0
373. chocho(+m) = ch2o + co(+m)
                                                           0.0
                                                                    50600.0
                                                 4.27E+12
    Low pressure limit: 0.89100E+17 0.00000E+00 0.49200E+05
```

374.	chocho(+m)=co+co+h2(	+m)		1.07E+14	0.0	55100.0
	Low pressure limit:		0.00000E+00	0.38400E+		
375.	chocho+oh=choco+h2o			1.00E+13	0.0	0.0
	chocho+o=choco+oh			7.24E+12	0.0	1970.0
	chocho+h=ch2o+hco			1.00E+12	0.0	0.0
	chocho+ho2=choco+h2d	2		1.70E+12	0.0	10700.0
379.	chocho+ch3=choco+ch4	Į.		1.74E+12	0.0	8440.0
380.	chocho+o2=hco+co+ho2	2		6.30E+13	0.0	30000.0
381.	choco=hco+co			2.00E+07	0.0	0.0
382.	choco+o2=co+co+ho2			6.30E+13	0.0	30000.0
383.	c2h3o=ch2co+h			1.60E+13	0.0	35000.0
384.	c2h3o=ch3co			8.51E+14	0.0	14000.0
385.	c2h2oh=ch2co+h			5.00E+15	0.0	28000.0
386.	c2h2oh+h=ch2co+h2			2.00E+13	0.0	4000.0
387.	c2h2oh+o=ch2co+oh			2.00E+13	0.0	4000.0
388.	c2h2oh+oh=ch2co+h2o			1.00E+13	0.0	2000.0
389.	c2h2oh+o2=>hco+co2+h	12		4.00E+12	0.0	-250.0
390.	hccoh+h=ch2co+h			1.00E+13	0.0	0.0
391.	hcco+m=ch+co+m			6.00E+15	0.0	58821.0
	h2o	Enhanced by	1.625E+01			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
	h2	Enhanced by	2.500E+00			
	ar	Enhanced by	7.500E-01			
	hcco+oh=hco+co+h			1.00E+13	0.0	0.0
	hcco+o=co+co+h			1.93E+14	0.0	590.0
	hcco+h=sch2+co			1.50E+14	0.0	0.0
	hcco+o2=co2+co+h			1.40E+09	1.0	0.0
	hcco+ch2=c2h+ch2o			1.00E+13	0.0	2000.0
	hcco+ch2=c2h3+co			3.00E+13	0.0	0.0
	hcco+c2h2=c3h3+co			1.00E+11	0.0	3000.0
	hcco+ch=c2h2+co			5.00E+13	0.0	0.0
	hcco+hcco=c2h2+co+co	)		1.00E+13	0.0	0.0
	hcco+o=ch+co2			2.95E+13	0.0	1113.0
	ch3hco=ch3+hco ch3hco+ho2=ch3co+h2c	. 2		2.45E+16 1.70E+12	0.0	84128.0
	ch3hco+oh=ch3co+h2o	)		2.35E+10	0.0 0.7	10700.0 -1113.0
	ch3hco+o=ch3co+oh			5.85E+12	0.7	1808.0
	ch3hco+h=ch3co+h2			4.10E+09	1.2	2405.0
	ch3hco+o2=ch3co+ho2			3.01E+13	0.0	39150.0
	ch3hco+ch3=ch3co+ch4	1		1.70E+12	0.0	8440.0
	ch3hco+hco=ch3co+ch2			7.80E+13	0.0	8440.0
	ch3o2+ch3hco=ch3o2h+			3.01E+12	0.0	11930.0
	Reverse Arrhenius			2.52E+13	-0.5	8991.0
411.	ch3hco+ch3co3=ch3co+			3.01E+12	0.0	11930.0
	Reverse Arrhenius			1.95E+12	0.0	26810.0
412.	ch3hco+oh=ch3+hocho			3.00E+15	-1.1	0.0
	Reverse Arrhenius	coefficients:		5.35E+19	-1.7	119800.0
413.	ch3co+m=ch3+co+m			8.64E+15	0.0	14400.0
	h2o	Enhanced by	1.625E+01			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
	c2h6	Enhanced by	1.625E+01			
	h2	Enhanced by	2.500E+00			
	ar	Enhanced by	7.500E-01			
	ch3co+o2=ch3co3			1.20E+11	0.0	-1100.0
	ch3co3+ho2=ch3co3h+o	02		1.75E+10	0.0	-3275.0
416.	ch3co3h=ch3co2+oh			5.01E+14	0.0	40150.0

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4.40E+15 0.0
                                                                  10500.0
417. ch3co2+m=ch3+co2+m
418. c2o+o2=co+co+o
                                                 2.00E+13
                                                           0.0
                                                                       0.0
419. c2o+oh=co+co+h
                                                 2.00E+13
                                                            0.0
                                                                       0.0
420. c2o+o=co+co
                                                 5.00E+13
                                                            0.0
                                                                      0.0
421. c2o+h=ch+co
                                                            0.0
                                                 5.00E+13
                                                                       0.0
422. c2+o2=co+co
                                                 5.00E+13
                                                            0.0
                                                                       0.0
423. c2+oh=c2o+h
                                                 5.00E+13
                                                            0.0
                                                                       0.0
                                                                   1000.0
424. c2+h2=c2h+h
                                                 4.00E+05
                                                            2.4
425. c2h2+ch3=pc3h4+h
                                                            2.4
                                                 4.78E+03
                                                                   12893.0
426. c2h2+ch3=ac3h5
                                                           2.2
                                                 1.40E+04
                                                                   16502.0
427. c2h2+ch3=sc3h5
                                                 3.85E+56 -13.7
                                                                   27892.0
                                                 5.21E+17 -1.0
428. h+c2h5(+m)=c2h6(+m)
                                                                   1580.0
    Low pressure limit: 0.19900E+42 -0.70800E+01 0.66850E+04
                       0.84220E+00 0.12500E+03 0.22190E+04 0.68820E+04
    TROE centering:
       h2o
                       Enhanced by
                                     1.625E+01
       CO
                       Enhanced by
                                      1.875E+00
                                     3.750E+00
       co2
                       Enhanced by
       ch4
                       Enhanced by
                                      1.625E+01
       c2h6
                       Enhanced by
                                      1.625E+01
                                                 1.00E+17 -1.0
429. h+c2h(+m)=c2h2(+m)
    Low pressure limit: 0.37500E+34 -0.48000E+01 0.19000E+04
                        0.64640E+00 0.13200E+03 0.13150E+04 0.55660E+04
    TROE centering:
       h2o
                       Enhanced by
                                     1.625E+01
       CO
                       Enhanced by
                                      1.875E+00
       co2
                       Enhanced by
                                      3.750E+00
       ch4
                       Enhanced by
                                      1.625E+01
       c2h6
                       Enhanced by
                                      1.625E+01
430. sc4h9(+m)=c3h6+ch3(+m)
                                                 2.27E+48 -10.5
                                                                   45869.0
    Low pressure limit: 0.99330E+52 -0.10500E+02 0.34989E+05
    TROE centering:
                        0.37100E+00 0.10000E-14 0.57400E+03 0.25390E+04
431. c2h3+c2h2(+m)=ic4h5(+m)
                                                 1.00E+04
                                                          2.4
                                                                   17900.0
    Low pressure limit: 0.26000E+39 -0.74100E+01 0.75000E+04
                                                 1.00E+14
432. ic4h5(+m)=c4h4+h(+m)
                                                            0.0
                                                                   50000.0
                        0.20000E+16 0.00000E+00 0.42000E+05
    Low pressure limit:
433. nc4h5(+m)=c4h4+h(+m)
                                                 1.00E+14
                                                            0.0
                                                                   37000.0
                        0.10000E+15 0.00000E+00 0.30000E+05
    Low pressure limit:
434. ic4h3(+m)=c4h2+h(+m)
                                                 1.00E+14
                                                           0.0
                                                                   55000.0
    Low pressure limit: 0.25000E+16 0.00000E+00 0.48000E+05
435. nc4h3(+m)=c4h2+h(+m)
                                                 1.00E+14 0.0
                                                                   36000.0
    Low pressure limit: 0.10000E+15 0.00000E+00 0.30000E+05
436. ch2+c3h8=ch3+ic3h7
                                                 2.19E+12 0.0
                                                                   6405.0
                                                           0.0
                                                                    6405.0
437. ch2+c3h8=ch3+nc3h7
                                                 1.79E+12
438. ch3+c2h5(+m)=c3h8(+m)
                                                 4.90E+14
                                                           -0.5
                                                                       0.0
    Low pressure limit: 0.68000E+62 -0.13420E+02 0.60000E+04
                        0.10000E+01 0.10000E+04 0.14340E+04 0.53290E+04
    TROE centering:
                                                          0.0
439. c3h8+o2=nc3h7+ho2
                                                 4.00E+13
                                                                  50872.0
440. c3h8+o2=ic3h7+ho2
                                                 4.00E+13
                                                           0.0
                                                                   47500.0
441. c3h8+ho2=nc3h7+h2o2
                                                 4.76E+04
                                                           2.5
                                                                  16494.0
442. c3h8+ho2=ic3h7+h2o2
                                                 9.64E+03
                                                           2.6
                                                                   13910.0
443. c3h8+oh=nc3h7+h2o
                                                 3.16E+07
                                                           1.8
                                                                    934.0
444. c3h8+oh=ic3h7+h2o
                                                           1.9
                                                 7.08E+06
                                                                    -1590
                                                           2.4
445. c3h8+o=nc3h7+oh
                                                 3.71E+06
                                                                   5505.0
                                                           2.5
446. c3h8+o=ic3h7+oh
                                                 5.49E+05
                                                                   3140.0
447. c3h8+h=nc3h7+h2
                                                1.34E+06
                                                           2.5
                                                                   6756.0
448. c3h8+h=ic3h7+h2
                                                1.01E+04
                                                           2.9
                                                                   2931.0
449. c3h8+ch3=nc3h7+ch4
                                                3.00E+12
                                                           0.0
                                                                  11710.0
450. c3h8+ch3=ic3h7+ch4
                                                8.07E+11
                                                           0.0
                                                                  10110.0
451. c3h8+c2h5=nc3h7+c2h6
                                                3.16E+11
                                                           0.0
                                                                  12300.0
452. c3h8+c2h5=ic3h7+c2h6
                                                           0.0
                                                                  10400.0
                                                5.01E+10
453. c3h8+c2h3=nc3h7+c2h4
                                                6.00E+02
                                                           3.3
                                                                  10502.0
454. c3h8+c2h3=ic3h7+c2h4
                                                1.00E+03 3.1
                                                                   8829.0
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0.0
455. c3h8+ic3h7=nc3h7+c3h8
                                                    1.00E+11
                                                                        12900.0
456. c3h8+ac3h5=nc3h7+c3h6
                                                    7.94E+11
                                                                 0.0
                                                                        20500.0
457. c3h8+ac3h5=ic3h7+c3h6
                                                    7.94E+11
                                                                 0.0
                                                                        16200.0
458. c3h8+ch3o=nc3h7+ch3oh
                                                    3.18E+11
                                                                 0.0
                                                                         7050.0
459. c3h8+ch3o=ic3h7+ch3oh
                                                    7.20E+10
                                                                 0.0
                                                                         4470.0
460. c3h8+o2cho=nc3h7+ho2cho
                                                                 2.5
                                                    5.52E+04
                                                                        16480.0
                                                                 2.6
461. c3h8+o2cho=ic3h7+ho2cho
                                                    1.47E+04
                                                                        13910.0
462. ic3h7=c2h4+ch3
                                                                0.0
                                                                        31110.0
                                                    1.14E+11
                                                    1.23E+13
463. nc3h7(+m)=c2h4+ch3(+m)
                                                               -0.1
                                                                        30202.0
     Low pressure limit: 0.55450E+50 -0.10000E+02 0.35766E+05
                         0.21700E+01 0.10000E-14 0.25100E+03 0.11850E+04
     TROE centering:
        h2o
                         Enhanced by
                                        5.000E+00
                         Enhanced by
                                         2.000E+00
        CO
                         Enhanced by
        co2
                                        3.000E+00
                         Enhanced by
        h2
                                         2.000E+00
                                       7.500E-01
        ar
                         Enhanced by
464. c3h6+h(+m)=nc3h7(+m)
                                                    1.33E+13
                                                                 0.0
                                                                         3260.7
     Low pressure limit: 0.62600E+39 -0.66600E+01 0.70000E+03
TROE centering: 0.10000E+01 0.10000E+04 0.13100E+04 0.48097E+05
        h2o
                         Enhanced by
                                        1.625E+01
        CO
                         Enhanced by
                                         1.875E+00
        co2
                         Enhanced by
                                         3.750E+00
        ch4
                         Enhanced by
                                         1.625E+01
        c2h6
                         Enhanced by
                                         1.625E+01
465. c3h6+h(+m)=ic3h7(+m)
                                                    5.70E+09
                                                                 1.2
                                                                          874.0
     Low pressure limit: 0.16400E+55 -0.11100E+02 0.93640E+04
TROE centering: 0.10000E+01 0.10000E-14 0.26000E+03 0.30000E+04
        h2o
                         Enhanced by
                                         1.625E+01
        CO
                         Enhanced by
                                         1.875E+00
                                        3.750E+00
        co2
                         Enhanced by
        ch4
                         Enhanced by
                                         1.625E+01
        c2h6
                         Enhanced by
                                         1.625E+01
466. nc3h7+o2=c3h6+ho2
                                                    1.00E+12
                                                                 0.0
                                                                         5020.0
467. ic3h7+o2=c3h6+ho2
                                                    2.75E+10
                                                                 0.0
                                                                        -2151.0
468. oh+ic3h7=nc3h7oh
                                                    5.90E+12
                                                                 0.0
                                                                            0.0
469. nc3h7+h=c2h5+ch3
                                                    1.00E+14
                                                                 0.0
                                                                            0.0
470. ic3h7+h=c2h5+ch3
                                                    5.00E+13
                                                                 0.0
                                                                            0.0
471. ic3h7+h=c3h6+h2
                                                                            0.0
                                                    3.61E+12
                                                                 0.0
472. ic3h7+o=aceton+h
                                                    4.82E+13
                                                                 0.0
                                                                            0.0
473. ic3h7+o=ch3hco+ch3
                                                    4.82E+13
                                                                0.0
                                                                            0.0
474. nc3h7o=ethco+h
                                                    2.51E+14
                                                                0.0
                                                                        23400.0
475. nc3h7o=c2h5+ch2o
                                                    1.00E+15
                                                                 0.0
                                                                        21600.0
476. ic3h7o=aceton+h
                                                    2.00E+14
                                                                 0.0
                                                                        21500.0
477. ic3h7o=ch3+ch3hco
                                                    3.98E+14
                                                                 0.0
                                                                        17200.0
478. ic3h7o+o2=aceton+ho2
                                                    9.09E+09
                                                                0.0
                                                                          390.0
479. ac3h5+h(+m)=c3h6(+m)
                                                    3.70E+14
                                                                 0.0
                                                                            0.0
     Low pressure limit: 0.13300E+61 -0.12000E+02 0.59678E+04
     TROE centering:
                          0.20000E-01 0.10966E+04 0.10966E+04 0.68595E+04
        h2o
                         Enhanced by
                                        1.625E+01
                         Enhanced by
                                        1.875E+00
        CO
                         Enhanced by
        co2
                                        3.750E+00
                         Enhanced by
        ch4
                                        1.625E+01
        c2h6
                         Enhanced by
                                         1.625E+01
480. c3h6=sc3h5+h
                                                    7.59E+14
                                                                 0.0
                                                                       101300.0
481. c3h6=tc3h5+h
                                                                 0.0
                                                    1.45E+15
                                                                        98060.0
482. c3h6=c2h3+ch3
                                                    1.10E+21
                                                                -1.2
                                                                        97720.0
483. c3h6=ch4+c2h2
                                                    3.50E+12
                                                                0.0
                                                                        70000.0
484. c3h6+o2=ac3h5+ho2
                                                    1.95E+12
                                                                0.0
                                                                        39000.0
485. c3h6+o2=sc3h5+ho2
                                                    1.40E+13
                                                                0.0
                                                                       60200.0
486. c3h6+o2=tc3h5+ho2
                                                    7.00E+12
                                                                0.0
                                                                       60200.0
487. c3h6+ho2=c3h6o+oh
                                                                 0.0
                                                    1.02E+12
                                                                        14964.0
```

488.	c3h6+ho2=ac3h5+h2o2	1.50E+11	0.0	14190.0
489.	c3h6+ho2=sc3h5+h2o2	7.50E+09	0.0	12570.0
490.	c3h6+ho2=tc3h5+h2o2	3.00E+09	0.0	9930.0
491.	c3h6+oh=ac3h5+h2o	7.70E+05	2.2	622.0
	c3h6+oh=sc3h5+h2o	1.01E+13	0.0	5960.0
	c3h6+oh=tc3h5+h2o	1.11E+06	2.0	1450.0
	c3h6+o=c2h5+hco			
		4.69E+07	1.6	-628.0
	c3h6+o=ch3+ch2hco	3.90E+07	1.6	-628.0
	c3h6+o=c2h4+ch2o	7.02E+07	1.6	-628.0
	c3h6+o=ac3h5+oh	1.75E+11	0.7	5884.0
498.	c3h6+o=sc3h5+oh	1.20E+11	0.7	8960.0
499.	c3h6+o=tc3h5+oh	6.00E+10	0.7	7633.0
500.	c3h6+h=c2h4+ch3	7.23E+12	0.0	1302.0
501.	c3h6+h=ac3h5+h2	6.46E+12	0.0	4445.0
502.	c3h6+h=sc3h5+h2	3.46E+14	0.0	17422.0
503.	c3h6+h=tc3h5+h2	1.67E+14	0.0	14818.0
504.	c3h6+ch3=ac3h5+ch4	1.60E+11	0.0	8800.0
	c3h6+ch3=sc3h5+ch4	3.30E+11	0.0	10110.0
	c3h6+ch3=tc3h5+ch4	5.00E+10	0.0	8030.0
	c3h6+c2h5=ac3h5+c14	1.00E+11		9800.0
			0.0	
	c3h6+c2h3=c4h6+ch3	7.20E+11	0.0	5008.0
	c3h6+c2h3=ac3h5+c2h4	2.21E+00	3.5	4682.0
	c3h6+c2h3=tc3h5+c2h4	2.21E+00	3.5	4682.0
	c3h6+c2h3=sc3h5+c2h4	2.21E+00	3.5	4682.0
512.	c3h6+hco=ac3h5+ch2o	1.08E+07	1.9	17010.0
513.	c3h6+o=>ch2co+ch3+h	2.50E+07	1.8	76.0
514.	c3h6+o=>ch3chco+h+h	2.50E+07	1.8	76.0
515.	c3h6+ch3o2=ac3h5+ch3o2h	3.24E+11	0.0	14900.0
	Reverse Arrhenius coefficients:	2.00E+10	0.0	15000.0
516.	c3h6+oh=c3h6oh	9.93E+11	0.0	-960.0
	c3h6oh+o2=o2c3h6oh	1.20E+11	0.0	-1100.0
	o2c3h6oh=ch3hco+ch2o+oh	1.25E+10	0.0	18900.0
	ac3h5+ho2=c3h5o+oh	7.00E+12	0.0	-1000.0
	ac3h5+ch3o2=c3h5o+ch3o	7.00E+12 7.00E+12		-1000.0
520.			0.0	
E 0.1	Reverse Arrhenius coefficients:	1.99E+15	-0.7	17020.0
-	ac3h5+h=ac3h4+h2	6.03E+12	0.0	0.0
	ac3h5+ch3=ac3h4+ch4	1.00E+11	0.0	0.0
	ac3h5+ch2=c4h6+h	3.00E+13	0.0	0.0
	ac3h5+c2h5=ac3h4+c2h6	4.00E+11	0.0	0.0
	ac3h5+c2h3=ac3h4+c2h4	1.00E+12	0.0	0.0
526.	ac3h5+o=acrol+h	6.03E+13	0.0	0.0
527.	ac3h5+hco=c3h6+co	6.03E+13	0.0	0.0
528.	ac3h5+o2=c2h2+ch2o+oh	9.71E+20	-2.7	24980.0
529.	ac3h5+o2=acrol+oh	2.47E+13	-0.5	23017.0
530.	ac3h5+o2=ac3h4+ho2	2.18E+21	-2.9	30755.0
	ac3h5+o2=ch2hco+ch2o	7.14E+15	-1.2	21046.0
	sc3h5=pc3h4+h	5.62E+12	0.0	43500.0
	sc3h5+o2=ch3hco+hco	4.33E+12	0.0	0.0
	sc3h5+ho2=>ch2co+ch3+oh	4.50E+12	0.0	0.0
	sc3h5+h=ac3h4+h2	3.33E+12	0.0	
				0.0
	sc3h5+h=pc3h4+h2	4.00E+13	0.0	0.0
	sc3h5+o=>ch2co+ch3	1.81E+14	0.0	0.0
	sc3h5+ch3=ac3h4+ch4	1.00E+11	0.0	0.0
	sc3h5+c2h5=ac3h4+c2h6	1.00E+11	0.0	0.0
	sc3h5+c2h3=ac3h4+c2h4	1.00E+11	0.0	0.0
541.	tc3h5=ac3h5	2.50E+12	0.0	47000.0
542.	tc3h5+o2=ch3co+ch2o	5.01E+12	0.0	19000.0
543.	tc3h5+o=>ch2co+ch3	1.81E+14	0.0	0.0
544.	tc3h5+h=pc3h4+h2	1.00E+13	0.0	0.0
545.	tc3h5+ch3=ac3h4+ch4	1.00E+11	0.0	0.0
	tc3h5+c2h5=ac3h4+c2h6	1.00E+11	0.0	0.0

E 47	tc3h5+c2h3=ac3h4+c2h4	4		1.00E+11	0.0	0.0
	ac3h4+m=c3h3+h+m	4		2.00E+11 2.00E+18	0.0	80000.0
510.		Enhanced by	1.625E+01	2.001110	0.0	00000.0
549.	ac3h4=pc3h4		1.0202.01	3.10E+65	-15.1	93814.0
	Declared duplicate re	eaction				
550.	ac3h4=pc3h4			1.20E+15	0.0	92400.0
	Declared duplicate re	eaction				
	ac3h4+o2=c3h3+ho2			4.00E+13	0.0	61500.0
	ac3h4+ho2=>c3h4o2h			3.00E+11	0.0	8000.0
	ac3h4+ho2=c3h3+h2o2			1.80E+13	0.0	19000.0
	ac3h4+ho2=>ch2co+ch2-	+oh		5.00E+11	0.0	19000.0
	ac3h4+ho2=>acrol+oh	_		5.00E+11	0.0	19000.0
	ac3h4+ho2=>c2h2+ch2o-	+oh		5.00E+11	0.0	19000.0
	ac3h4+oh=c3h3+h2o			3.62E+12	0.0	4170.0
	ac3h4+oh=ch2co+ch3 ac3h4+oh=hco+c2h4			1.00E+12	0.0	-393.0
	ac3h4+oh=c2h5+co			1.25E+11 1.88E+11	0.0	-393.0 -393.0
	ac3h4+oh=acrol+h			3.75E+11	0.0	-393.0 -393.0
	ac3h4+o=c2h4+co			1.12E-02	4.6	-4243.0
	ac3h4+o=c2h3+hco			5.00E-04	4.6	-4243.0
	ac3h4+o=ch2co+ch2			1.00E-03	4.6	-4243.0
	ac3h4+o=c2h2+ch2o			2.50E-03	4.6	-4243.0
	ac3h4+h=ac3h5			1.20E+12	0.0	2700.0
	ac3h4+h=sc3h5			8.00E+11	0.0	2000.0
568.	ac3h4+h=tc3h5			8.50E+12	0.0	2000.0
569.	ac3h4+h=c3h3+h2			1.00E+14	0.0	15009.0
570.	ac3h4+ch3=c3h3+ch4			1.33E+12	0.0	7700.0
	ac3h4+ac3h5=c3h3+c3h6	б		9.00E+11	0.0	7700.0
-	c3h4o2h=>ac3h4+ho2			3.16E+11	0.0	19500.0
	c3h4o2h=>c3h4o+oh			3.16E+11	0.0	19500.0
	c3h4o=>acrol			2.45E+14	0.0	58485.0
	c3h4o+o2=>c3h3o+ho2	,		4.00E+13	0.0	61500.0
	c3h4o+ho2=>ch2co+ch2o			1.00E+12	0.0	14340.0
-	c3h4o+ho2=>c3h3o+h2o2	<u>Z</u>		4.00E+12	0.0	17000.0 5955.0
	c3h4o+oh=>c3h3o+h2o c3h4o+h=>c3h3o+h2			4.79E+13 2.00E+13	0.0	8300.0
	c3h3o=>c2h3co			8.51E+14	0.0	14000.0
	c3h3o+o2=>hcco+hco+ol	h		5.01E+12	0.0	19192.0
	pc3h4+m=c3h3+h+m	.1		3.39E+22	-2.0	92370.0
302.	_	Enhanced by	1.625E+01	3.371.22	2.0	22370.0
583.	pc3h4=c2h+ch3	7		4.20E+16	0.0	100000.0
	pc3h4+o2=c3h3+ho2			2.50E+12	0.0	51000.0
585.	pc3h4+o2=>hcco+oh+ch2	2		1.00E+07	1.5	30100.0
586.	pc3h4+ho2=>c2h4+co+ol	h		6.09E+09	0.0	7948.0
587.	pc3h4+ho2=ch3co+ch2o			3.00E+12	0.0	16000.0
	pc3h4+ho2=ch3hco+hco			4.50E+12	0.0	16000.0
	pc3h4+ho2=c3h3+h2o2			5.00E+11	0.0	19000.0
	pc3h4+oh=c3h3+h2o			6.50E+02	3.0	200.0
	pc3h4+oh=ch2co+ch3			2.00E-04	4.5	-1000.0
	pc3h4+oh=hco+c2h4			1.00E-04	4.5	-1000.0
	pc3h4+oh=ch2o+c2h3			1.00E-04	4.5	-1000.0
	pc3h4+oh=acrol+h			1.00E-04	4.5	-1000.0
	pc3h4+o=ch2co+ch2 pc3h4+o=c2h3+hco			6.40E+12 3.20E+12	0.0	2100.0
	pc3h4+o=hcco+ch3			9.18E+12	0.0	2100.0 2100.0
	pc3h4+o=ch2o+c2h2			3.20E+11	0.0	2100.0
	pc3h4+o=>hcco+ch2+h			3.20E+11	0.0	2010.0
	pc3h4+h=tc3h5			1.30E+13	0.0	1999.0
	pc3h4+h=c3h3+h2			2.00E+14	0.0	15000.0
	pc3h4+ch3=c3h3+ch4			4.00E+11	0.0	7700.0
	pc3h4+c2h3=c3h3+c2h4			1.00E+11	0.0	7700.0

604.	pc3h4+c2h=c3h3+c2h2			4.20E+16	0.0	100000.0
605.	pc3h4+oh(+m)=>c3h4oh			2.29E+13	0.0	1808.0
	Low pressure limit:					
606	TROE centering:	0.17000E+00	0.18000E+03			.12772E+05
	c3h4oh=>ch2co+ch3 c3h4oh=>hco+c2h4			3.00E+15 5.00E+14	0.0	28000.0 28000.0
	c3h4oh=>ch2o+c2h3			1.00E+14	0.0	28000.0
	c3h4oh=>acrol+h			5.00E+14	0.0	28000.0
	c3h3+o2=ch2co+hco			3.01E+10	0.0	2870.0
611.	c3h3+ho2=c3h2+h2o2			2.00E+12	0.0	0.0
612.	c3h3+oh=c3h2+h2o			5.00E+12	0.0	0.0
	c3h3+oh=hcco+ch3			5.00E+12	0.0	0.0
	c3h3+o=>c2h2+hco			1.38E+14	0.0	0.0
	c3h3+o=c2h3+co			4.61E+13	0.0	0.0
	c3h3+o=c2h+ch2o c3h3+o=>c2h2+co+h			4.61E+13 4.61E+13	0.0	0.0
	c3h3+h=c3h2+h2			5.00E+13	0.0	3000.0
	c3h3+ch=ic4h3+h			7.00E+13	0.0	0.0
	c3h3+ch=nc4h3+h			7.00E+13	0.0	0.0
621.	c3h3+ch2=c4h4+h			4.00E+13	0.0	0.0
622.	c3h3+ch3=c4h6			3.33E+12	0.0	0.0
	c3h3+c2h3=c5h5+h			9.63E+40	-7.8	28820.0
	ch+c2h2=c3h2+h			1.00E+14	0.0	0.0
	c3h2+o2=hcco+hco			3.00E+10	0.0	2870.0
	c3h2+oh=c2h2+hco c3h2+ch2=ic4h3+h			5.00E+13	0.0	0.0
	c3h5o=acrol+h			3.00E+13 1.00E+14	0.0	0.0 29100.0
020.	Reverse Arrhenius	s coefficients:		7.71E+11	0.5	17750.0
629.	c3h5o=c2h3+ch2o			2.03E+12	0.1	23560.0
	Reverse Arrhenius	s coefficients:		1.50E+11	0.0	10600.0
630.	c3h5o+o2=acrol+ho2			1.00E+12	0.0	6000.0
	Reverse Arrhenius	s coefficients:		1.29E+11	0.0	32000.0
	ethco+h=h2+c2h5co			4.00E+13	0.0	4200.0
	ethco+oh=h2o+c2h5co			4.20E+12	0.0	500.0
	ethco+ho2=h2o2+c2h5o			1.00E+12	0.0	10000.0
	ethco+ch3=ch4+c2h5cdethco+c2h5=c2h6+c2h5			2.00E-06 1.30E+12	5.6 0.0	2500.0 8500.0
	ethco+o2=c2h5co+ho2	)CO		1.00E+13	0.0	40700.0
	c2h5co+M=co+c2h5+M			8.64E+15	0.0	14400.0
	acrol+h=h2+c2h3co			4.00E+13	0.0	4200.0
639.	acrol+oh=h2o+c2h3co			4.20E+12	0.0	500.0
640.	acrol+ho2=h2o2+c2h3d	co		1.00E+12	0.0	10000.0
	acrol+ch3=ch4+c2h3cd			2.00E-06	5.6	2500.0
	acrol+c2h5=c2h6+c2h3	3co		1.30E+12	0.0	8500.0
	acrol=c2h3+hco			2.45E+16	0.0	84128.0
	acrol+o=c2h3co+oh acrol+c2h3=c2h4+c2h3	200		5.01E+12 1.74E+12	0.0	1790.0 8440.0
	acrol+ac3h5=c3h6+c2h			1.00E+12	0.0	8000.0
	c2h3co+m=>c2h3+co+m	1500		8.60E+15	0.0	23000.0
	h2o	Enhanced by	1.625E+01			
	CO	Enhanced by	1.875E+00			
	co2	Enhanced by	3.750E+00			
	ch4	Enhanced by	1.625E+01			
C 4 O	c2h6	Enhanced by	1.625E+01	0.700.07	2 0	F000 0
	aceton+h=h2+ch2coch3			2.70E+07 7.80E+06	2.0	5000.0 -765.0
	aceton+on=nzo+chzcoc aceton+ho2=h2o2+ch2o	-		7.80E+06 1.20E+12	0.0	15500.0
	aceton+ch3=ch4+ch2cd			6.00E+11	0.0	9600.0
	aceton+ch3o2=ch3o2h-			6.00E+11	0.0	9600.0
653.	aceton+c2h5=c2h6+ch2	2coch3		6.00E+11	0.0	11000.0
654.	ch2coch3=ch2co+ch3			1.00E+15	0.0	31000.0

655.	ch3coch2o2=ch2coch3+o2	9.30E+13	-1.1	27450.0
	Reverse Arrhenius coefficients:	1.20E+11	0.0	-1100.0
656	aceton+ch3coch2o2=ch2coch3+ch3coch2o2h	1.00E+11	0.0	5000.0
030.				
	Reverse Arrhenius coefficients:	1.99E+10	0.0	10000.0
657.	ch2o+ch3coch2o2=hco+ch3coch2o2h	1.29E+11	0.0	9000.0
	Reverse Arrhenius coefficients:	2.51E+10	0.0	10100.0
658.	ho2+ch3coch2o2=ch3coch2o2h+o2	1.00E+12	0.0	0.0
659.	ch3coch2o2h=ch3coch2o+oh	1.00E+16	0.0	43000.0
	Reverse Arrhenius coefficients:	2.04E+09	1.6	-4375.0
660	ch3coch2o=ch3co+ch2o	8.71E+16	-1.2	13760.0
000.				
	Reverse Arrhenius coefficients:	1.00E+11	0.0	11900.0
	ch3cocho+oh=ch3coco+h2o	2.30E+10	0.7	-1100.0
662.	ch3cocho+h=ch3coco+h2	4.10E+09	1.2	2405.0
663.	ch3cocho+ho2=ch3coco+h2o2	3.00E+12	0.0	12000.0
664.	ch3coco=ch3co+co	1.40E+14	0.0	6692.0
	ch3coco+o2=co2+co2+ch3	3.00E+10	0.0	2870.0
	ch3coco+ho2=oh+co2+ch3co	2.00E+13	0.0	0.0
	ch2co+hco=ch2cohco		0.0	
		2.00E+11		7800.0
	hcoch2hco+oh=hcoch2co+h2o	4.60E+10	0.7	-1100.0
	hcoch2hco+h=hcoch2co+h2	8.20E+09	1.2	2405.0
670.	hcoch2hco+ho2=hcoch2co+h2o2	6.00E+12	0.0	12000.0
671.	hcoch2hco+ch3=hcoch2co+ch4	1.52E+01	3.4	3740.0
672.	hcoch2hco+o2=hcoch2co+ho2	6.00E+13	0.0	39200.0
	hcoch2co=ch2hco+co	1.83E+15	-0.7	12910.0
	c4h10=c2h5+c2h5	2.00E+16	0.0	81300.0
	c4h10=ch3+nc3h7	1.00E+17	0.0	85400.0
	c4h10=pc4h9+h	1.58E+16	0.0	98000.0
	c4h10=sc4h9+h	1.00E+16	0.0	95000.0
678.	c4h10+o2=pc4h9+ho2	2.51E+13	0.0	49000.0
679.	c4h10+h=pc4h9+h2	5.63E+07	2.0	7700.0
680.	c4h10+o=pc4h9+oh	4.89E+06	2.4	5505.0
	c4h10+oh=pc4h9+h2o	4.14E+07	1.7	753.0
	c4h10+ho2=pc4h9+h2o2	1.70E+13	0.0	20460.0
	<del>-</del>			
	c4h10+ch3=pc4h9+ch4	2.19E+11	0.0	11400.0
	c4h10+c2h3=pc4h9+c2h4	1.00E+12	0.0	18000.0
	c4h10+c2h5=pc4h9+c2h6	1.00E+11	0.0	13400.0
686.	c4h10+ac3h5=pc4h9+c3h6	7.94E+11	0.0	20500.0
687.	c4h10+ch3o=pc4h9+ch3oh	3.00E+11	0.0	7000.0
688.	c4h10+o2=sc4h9+ho2	3.98E+13	0.0	47600.0
	c4h10+h=sc4h9+h2	4.78E+06	2.5	7369.0
	c4h10+o=sc4h9+oh	4.28E+05	2.6	2583.0
	c4h10+oh=sc4h9+h2o	7.23E+07	1.6	-246.0
	c4h10+h02=sc4h9+h2o2			
		4.00E+12	0.0	18150.0
	c4h10+ch3=sc4h9+ch4	2.19E+11	0.0	9600.0
	c4h10+c2h3=sc4h9+c2h4	7.94E+11	0.0	16800.0
695.	c4h10+c2h5=sc4h9+c2h6	1.00E+11	0.0	10400.0
696.	c4h10+ac3h5=sc4h9+c3h6	3.16E+11	0.0	16400.0
697.	c4h10+ch3o=sc4h9+ch3oh	6.00E+11	0.0	7000.0
	c4h10+o2cho=pc4h9+ho2cho	1.68E+13	0.0	20440.0
	c4h10+o2cho=sc4h9+ho2cho	1.12E+13	0.0	17690.0
	pc4h9=c2h5+c2h4	2.50E+13	0.0	
	-			28824.0
	sc4h9=ch3+c3h6	2.00E+13	0.0	31000.0
	pc4h9=c3h6+ch3	1.26E+12	0.0	27026.0
	pc4h9=c4h8+h	1.26E+13	0.0	38600.0
704.	sc4h9=t2c4h8+h	4.57E+12	0.0	34000.0
705.	sc4h9=c2c4h8+h	4.17E+12	0.0	34780.0
	pc4h9+o2=c4h8+ho2	1.90E+12	0.0	5000.0
	sc4h9+o2=c4h8+ho2	7.59E+09	0.0	-2000.0
	sc4h9+o2=t2c4h8+ho2	9.00E+09	0.0	-2000.0
	sc4h9+o2=c2c4h8+ho2	9.00E+09	0.0	-2000.0
/IU.	pc4h9=sc4h9	1.39E+09	1.0	33760.0

711.	pc4h9+ho2=c4h8+h2o2	2.41E+13	0.0	0.0
712.	pc4h9+oh=c4h8+h2o	2.40E+13	0.0	0.0
713.	pc4h9+h=c4h8+h2	1.25E+13	0.0	0.0
714.	pc4h9+ch3=c4h8+ch4	2.00E+12	0.0	0.0
715.	pc4h9+c2h5=c4h8+c2h6	1.60E+12	0.0	0.0
716.	pc4h9+ac3h5=c4h8+c3h6	1.00E+12	0.0	0.0
717.	sc4h9+ho2=c4h8+h2o2	2.40E+13	0.0	0.0
718.	sc4h9+ho2=t2c4h8+h2o2	2.40E+13	0.0	0.0
719.	sc4h9+ho2=c2c4h8+h2o2	2.40E+13	0.0	0.0
720.	sc4h9+oh=c4h8+h2o	2.40E+13	0.0	0.0
	sc4h9+oh=t2c4h8+h2o	2.40E+13	0.0	0.0
	sc4h9+oh=c2c4h8+h2o	2.40E+13	0.0	0.0
	sc4h9+h=c4h8+h2	3.33E+13	0.0	0.0
	sc4h9+h=t2c4h8+h2	5.00E+13	0.0	0.0
	sc4h9+h=c2c4h8+h2	5.00E+13	0.0	0.0
	sc4h9+ch3=c4h8+ch4	8.00E+13	0.0	0.0
	sc4h9+ch3=t2c4h8+ch4	1.00E+11	0.0	0.0
	sc4h9+ch3=c2c4h8+ch4	1.00E+12 1.00E+12		
	c2c4h8=c4h6+h2		0.0	0.0
		1.00E+13	0.0	65500.0
	sc4h9=c4h8+h	2.00E+13	0.0	40400.0
	c4h8+oh=ch2o+nc3h7	1.00E+12	0.0	0.0
	c4h8+oh=ch3hco+c2h5	1.00E+12	0.0	0.0
	c4h8+oh=ethco+ch3	1.00E+12	0.0	0.0
-	c4h8+oh=ch3co+c2h6	5.00E+11	0.0	0.0
	c4h8+oh=c2h5co+ch4	5.00E+11	0.0	0.0
	t2c4h8+oh=ch3hco+c2h5	2.60E+13	0.0	0.0
	c2c4h8+oh=ch3hco+c2h5	2.60E+13	0.0	0.0
738.	c4h8+o=c3h6+ch2o	7.23E+05	2.3	-1050.0
739.	c4h8+o=ch3hco+c2h4	1.30E+13	0.0	850.0
740.	c4h8+o=c2h5+ch3co	1.62E+13	0.0	850.0
741.	c2c4h8+o=ic3h7+hco	6.03E+12	0.0	0.0
742.	c2c4h8+o=ch3hco+c2h4	1.00E+12	0.0	0.0
743.	t2c4h8+o=ic3h7+hco	6.03E+12	0.0	0.0
744.	t2c4h8+o=ch3hco+c2h4	1.00E+12	0.0	0.0
745.	c4h8+ho2=>ch2o+c3h6+oh	2.50E+12	0.0	14340.0
746.	c4h8+o2=Cc4h7-1+ho2	4.00E+12	0.0	40000.0
747.	c4h8+ho2=Cc4h7-1+h2o2	6.80E+03	2.5	10115.0
	c4h8+oh=Cc4h7-1+h2o	4.19E+06	2.0	-543.0
749.	c4h8+o=Cc4h7-1+oh	2.60E+12	0.0	4500.0
750.	c4h8+h=Cc4h7-1+h2	1.95E+13	0.0	4445.0
	c4h8+ch3=Cc4h7-1+ch4	1.00E+11	0.0	7300.0
	c4h8+c2h5=Cc4h7-1+c2h6	1.00E+11	0.0	8300.0
	c4h8+ac3h5=Cc4h7-1+c3h6	8.00E+10	0.0	12400.0
	c4h8+sc3h5=Cc4h7-1+c3h6	8.00E+10	0.0	12400.0
	c4h8+tc3h5=Cc4h7-1+c3h6	8.00E+10	0.0	12400.0
	c4h8+o2=Dc4h7-1+ho2	1.26E+13	0.0	49000.0
	c4h8+h=Dc4h7-1+h2	2.81E+07	2.0	7700.0
	c4h8+o=Dc4h7-1+oh	2.44E+06	2.4	5505.0
	c4h8+oh=Dc4h7-1+b2o	2.11E+00 2.07E+07	1.7	753.0
	c4h8+ho2=Dc4h7-1+h2o2	8.50E+12	0.0	20460.0
	c4h8+ch3=Dc4h7-1+ch4	1.00E+11		
	c4h8+c2h5=Dc4h7-1+c14		0.0	7300.0
		5.00E+10		13400.0
	c4h8+ch3o=Dc4h7-1+ch3oh	1.50E+11	0.0	7000.0
	c2c4h8+oh=Cc4h7-1+h2o	9.00E+06	2.0	-60.0
	c2c4h8+h=Cc4h7-1+h2	1.00E+13	0.0	3500.0
	c2c4h8+ch3=Cc4h7-1+ch4	1.00E+11	0.0	8200.0
	t2c4h8+oh=Cc4h7-1+h2o	9.00E+06	2.0	-60.0
	t2c4h8+h=Cc4h7-1+h2	5.00E+12	0.0	3500.0
	t2c4h8+ch3=Cc4h7-1+ch4	1.00E+11	0.0	8200.0
	c4h8=c2c4h8	4.00E+11	0.0	60000.0
771.	c4h8=t2c4h8	4.00E+11	0.0	60000.0

772.	c2c4h8=t2c4h8	3.62E+13	0.0	61330.0
773	c4h8=ac3h5+ch3	1.50E+19	-1.0	73400.0
	c4h8=c2h3+c2h5	1.00E+19	-1.0	96770.0
	c2c4h8=sc3h5+ch3	2.00E+16	0.0	71300.0
776.	t2c4h8=sc3h5+ch3	2.00E+16	0.0	71300.0
777.	c4h8=Cc4h7-1+h	4.08E+18	-1.0	97350.0
778.	c2c4h8=Cc4h7-1+h	4.07E+18	-1.0	97350.0
	t2c4h8=Cc4h7-1+h	4.07E+18	-1.0	97350.0
	Dc4h7-1=c2h4+c2h3	5.00E+13	0.0	38000.0
	Dc4h7-1=c4h6+h	1.00E+14	0.0	44000.0
782.	Dc4h7-1+o2=c4h6+ho2	1.02E+12	0.0	22654.0
783.	Dc4h7-1+ho2=c4h6+h2o2	1.00E+12	0.0	0.0
	Dc4h7-1+oh=c4h6+h2o	4.00E+13	0.0	0.0
	Dc4h7-1+o=c4h6+oh	4.00E+13	0.0	0.0
	Dc4h7-1+h=c4h6+h2	3.16E+13	0.0	0.0
787.	Dc4h7-1+ch3=c4h6+ch4	7.94E+12	0.0	0.0
788.	Dc4h7-1+c2h3=c4h6+c2h4	4.00E+12	0.0	0.0
	Dc4h7-1+c2h5=c4h6+c2h6	4.00E+12	0.0	0.0
	Dc4h7-1+c2h5=c4h8+c2h4			
		5.00E+11	0.0	0.0
	Dc4h7-1+c2h5=t2c4h8+c2h4	5.00E+11	0.0	0.0
792.	Dc4h7-1+c2h5=c2c4h8+c2h4	5.00E+11	0.0	0.0
793.	Dc4h7-1+c3h3=c4h6+pc3h4	4.00E+12	0.0	0.0
	Dc4h7-1+c3h3=c4h6+ac3h4	4.00E+12	0.0	0.0
	Dc4h7-1+ac3h5=c4h6+c3h6	6.30E+12	0.0	0.0
	Dc4h7-1+Dc4h7-1=c4h6+c4h8	3.16E+12	0.0	0.0
797.	Dc4h7-1+c2h4=c4h8+c2h3	1.00E+11		15000.0
798.	Dc4h7-1+c3h6=c4h8+ac3h5	1.00E+11	0.0	9800.0
799.	Dc4h7-1+c4h8=c4h8+Cc4h7-1	1.00E+11	0.0	8300.0
	Dc4h7-1+t2c4h8=c4h8+Cc4h7-1	2.00E+11	0.0	9800.0
	Dc4h7-1+c2c4h8=c4h8+Cc4h7-1			
		2.00E+11	0.0	9800.0
	c4h6+Dc4h7-1=nc4h5+c4h8	6.32E+02	3.1	20010.0
803.	c4h6+Dc4h7-1=ic4h5+c4h8	6.32E+02	3.1	18010.0
804.	Dc4h7-1+ho2=ac3h5+ch2o+oh	1.00E+12	0.0	0.0
805	Dc4h7-1+ch3o2=ac3h5+ch3o+ch2o	1.00E+12	0.0	0.0
	Dc4h7-1+c2h5o2=ac3h5+c2h5o+ch2o	1.00E+12	0.0	0.0
	Cc4h7-1+o2=c4h6+ho2	1.02E+12	0.0	22654.0
	Cc4h7-1=c4h6+h	1.20E+14	0.0	49300.0
809.	Cc4h7-1=c2h4+c2h3	1.00E+14	0.0	49000.0
810.	Cc4h7-1+ho2=c4h6+h2o2	1.00E+12	0.0	0.0
	Cc4h7-1+oh=c4h6+h2o	4.00E+13	0.0	0.0
	Cc4h7-1+o=c4h6+oh	4.00E+13	0.0	0.0
	Cc4h7-1+h=c4h6+h2	3.16E+12	0.0	0.0
814.	Cc4h7-1+ch3=c4h6+ch4	1.00E+13	0.0	0.0
815.	Cc4h7-1+c2h3=c4h6+c2h4	4.00E+12	0.0	0.0
816.	Cc4h7-1+c2h5=c4h6+c2h6	4.00E+12	0.0	0.0
	Cc4h7-1+c2h5=c4h8+c2h4	5.00E+11	0.0	0.0
	Cc4h7-1+c2h5=t2c4h8+c2h4			
		5.00E+11	0.0	0.0
	Cc4h7-1+c2h5=c2c4h8+c2h4	5.00E+11	0.0	0.0
820.	Cc4h7-1+c3h3=c4h6+pc3h4	4.00E+12	0.0	0.0
821.	Cc4h7-1+c3h3=c4h6+ac3h4	4.00E+12	0.0	0.0
822	Cc4h7-1+ac3h5=c4h6+c3h6	6.30E+12	0.0	0.0
	Cc4h7-1+ac3h5=c4h8+ac3h4	1.00E+12	0.0	0.0
	Cc4h7-1+ac3h5=>mhd	3.20E+11	0.0	0.0
	Cc4h7-1+Cc4h7-1=c4h6+c4h8	3.00E+12	0.0	0.0
826.	Cc4h7-1+ho2=>acrol+ch3+oh	7.00E+12	0.0	-1000.0
827.	Cc4h7-1+ho2=>ch3hco+c2h3+oh	7.00E+12	0.0	-1000.0
	Cc4h7-1+ch3o2=>acro1+ch3+ch3o	7.00E+12	0.0	-1000.0
	Cc4h7-1+c2h5o2=>acrol+ch3+c2h5o	7.00E+12	0.0	-1000.0
	c3h3+ch3=butyne	5.00E+12	0.0	0.0
	butyne+ho2=nc4h5+h2o2	5.00E+11	0.0	17000.0
832.	butyne+ho2=ic4h5+h2o2	5.00E+11	0.0	17000.0

833.	butyne+oh=nc4h5+h2o	2.60E+02	3.0	200.0
834.	butyne+oh=ic4h5+h2o	2.60E+02	3.0	200.0
835.	butyne+oh=ch2co+c2h5	4.00E-04	4.5	-1000.0
	butyne+o=c3h6+co	2.00E+13	0.0	1660.0
	butyne+h=ac3h4+ch3	1.30E+05	2.5	1000.0
	butyne+h=c2h5+c2h2	6.50E+04	2.5	1000.0
	<del>-</del>			
	butyne+h=ic4h5+h2	6.50E+13	0.0	9400.0
	butyne+h=nc4h5+h2	6.50E+13	0.0	9400.0
	butyne+ch3=ic4h5+ch4	1.00E+14	0.0	19500.0
842.	butyne+ch3=nc4h5+ch4	1.00E+14	0.0	19500.0
843.	butyn2=c4h6	3.00E+13	0.0	65000.0
844.	butyn2=meal1	3.00E+13	0.0	67000.0
	butyn2+h=pc3h4+ch3	2.60E+05	2.5	1000.0
	butyne=meall	2.50E+13	0.0	65000.0
	meall=c4h6	2.50E+13	0.0	63000.0
	meall=c3h3+ch3			
		2.00E+15	0.0	75000.0
	meall+h=ac3h4+ch3	6.00E+12	0.0	2100.0
	meall+h=pc3h4+ch3	6.00E+12	0.0	2100.0
	meall+oh=ic4h5+h2o	2.00E+07	2.0	1000.0
852.	meall+h=ic4h5+h2	5.00E+07	2.0	5000.0
853.	ic3h7+c2h2=c4h6+ch3	2.77E+10	0.0	6504.0
854.	c4h6=c2h4+c2h2	1.00E+14	0.0	75000.0
855.	c4h6=nc4h5+h	1.58E+16	0.0	110000.0
	c4h6+o2=nc4h5+ho2	2.80E+13	0.0	62500.0
	c4h6+o2=ic4h5+ho2		0.0	50600.0
	c4h6+ho2=nc4h5+h2o2	2.00E+11	0.0	12600.0
	c4h6+ho2=ic4h5+h2o2	1.00E+11	0.0	9920.0
	c4h6+oh=nc4h5+h2o	1.00E+07	2.0	7253.0
	c4h6+oh=ic4h5+h2o	8.00E+06	2.0	3744.0
	c4h6+o=ic4h5+oh	4.53E+15	-0.5	7028.0
	c4h6+o=nc4h5+oh	2.27E+15	-0.5	7028.0
864.	c4h6+h=pc3h4+ch3	1.30E+03	2.5	1000.0
865.	c4h6+h=ac3h4+ch3	1.00E+13	0.0	15000.0
866.	c4h6+h=nc4h5+h2	5.00E+15	0.0	22800.0
867.	c4h6+h=ic4h5+h2	2.50E+15	0.0	22800.0
	c4h6+ch3=nc4h5+ch4	2.00E+14	0.0	24800.0
	c4h6+ch3=ic4h5+ch4	4.00E+14	0.0	22800.0
	c4h6+c2h3=nc4h5+c2h4	6.32E+02	3.1	20010.0
	c4h6+c2h3=ic4h5+c2h4	6.32E+02	3.1	18010.0
	c4h6+Cc4h7-1=nc4h5+c4h8	6.32E+02	3.1	20010.0
		6.32E+02		
	c4h6+Cc4h7-1=ic4h5+c4h8		3.1	18010.0
-	c4h6+oh=ch3hco+c2h3	5.60E+12	0.0	-900.0
	c4h6+o=>ac3h5hco	3.00E+13	0.0	80.0
	c4h6+ho2=>c4h6o2h	2.00E+11	0.0	8000.0
877.	hoc4h6=>ac3h5hco+h	5.00E+14	0.0	28000.0
878.	ac3h5hco=>c3h6+co	2.00E+13	0.0	57000.0
879.	ac3h5hco=>c2h4+ch2co	5.00E+14	1.0	78000.0
880.	ac3h5hco+o=>c2h3o+c2h3o	1.20E+08	1.4	530.0
881.	ac3h5hco+oh=>ch2co+c2h3+h2o	2.02E+13	0.0	5955.0
	ac3h5hco+ho2=>c2h3o+c2h3o+oh	5.00E+12	0.0	14964.0
	ac3h5hco+h=>ac3h5co+h2	4.10E+09	1.2	2405.0
	ac3h5hco+oh=>ac3h5co+h2o	2.35E+10	0.7	-1113.0
	ac3h5hco+ho2=>ac3h5co+h2o2	1.70E+12	0.0	10700.0
	ac3h5hco+o=>ac3h5co+oh	5.85E+12	0.0	1808.0
	ac3h5hco+ch3=>ac3h5co+ch4	1.70E+12	0.0	8440.0
	ac3h5hco+c2h3=>ac3h5co+c2h4	1.70E+12	0.0	8440.0
	ac3h5hco+ac3h5=>ac3h5co+c3h6	1.70E+12	0.0	8440.0
	ac3h5hco+oh=c2h3chcho+h2o	3.12E+06	2.0	-298.0
891.	ac3h5hco+ho2=c2h3chcho+h2o2	9.63E+03	2.6	13910.0
892.	ac3h5hco+ch3o2=c2h3chcho+ch3o2h	1.99E+12	0.0	17050.0
893.	c4h6o2h=>acrol+oh+ch2	1.00E+10	0.0	19500.0

894.	c4h6o2h=>ac3h5hco+oh	2.00E+11	0.0	19500.0
895	ac3h5co+h=>ac3h5hco	5.00E+12	0.0	0.0
	ac3h5co+o2=>acrol+co+oh	1.00E+12	0.0	25000.0
897.	ac3h5co=>ch2co+c2h3	1.00E+15	0.0	65000.0
898.	ac3h5co=>co+c2h2+ch3	5.00E+14	0.0	65000.0
	ac3h5co=>ac3h5+co	6.20E+15	-1.1	-330.0
	c2h3chcho+o=acrol+hco	2.00E+14	0.0	0.0
901.	c2h3chcho+ho2=oh+acrol+hco	2.00E+14	0.0	0.0
902.	c2h3+c2h3=ic4h5+h	7.00E+13	0.0	0.0
903	ic4h5+h=ch3+c3h3	1.00E+14	0.0	0.0
				14000.0
	ic4h5+o2=c2h3co+ch2o	2.00E+11	0.0	
	ic4h5+o=>ch2co+c2h3	1.00E+13	0.0	2000.0
906.	ic4h5+ho2=ch2co+c2h3+oh	1.00E+12	0.0	2000.0
907.	ic4h5+ho2=>ac3h5co+oh	1.00E+13	0.0	2000.0
	c3h6+ic4h5=ac3h5+c4h6	1.00E+11	0.0	9800.0
	ic4h5+c2h2=c4h6+c2h	1.80E+11	0.0	17300.0
910.	ic4h5+ch2o=c4h6+hco	4.00E+12	0.0	8840.0
911.	nc4h5=c2h3+c2h2	5.00E+13	0.0	44000.0
912	nc4h5+o2=acrol+hco	2.00E+11	0.0	14000.0
	nc4h5+o=>ac3h5+co	1.00E+13	0.0	2000.0
	nc4h5+oh=c4h4+h2o	2.00E+07	2.0	1000.0
915.	nc4h5+ho2=>ac3h5+co+oh	1.00E+13	0.0	0.0
916.	nc4h5+h=c4h4+h2	1.00E+14	0.0	0.0
	nc4h5+h=ic4h5+h	1.00E+14	0.0	0.0
	nc4h5+c2h2=c4h6+c2h			17300.0
		1.80E+11	0.0	
	nc4h5+ch2o=c4h6+hco	4.00E+12	0.0	8840.0
920.	c3h6+nc4h5=ac3h5+c4h6	1.00E+11	0.0	9800.0
921.	c4h4=c2h2+c2h2	3.20E+13	0.0	77100.0
	c4h4+m=nc4h3+h+m	1.00E+20	0.0	99300.0
	c4h4=ic4h3+h			
		6.30E+13	0.0	87100.0
	c4h4=c4h2+h2	1.26E+15	0.0	94700.0
925.	c4h4+o2=nc4h3+ho2	1.00E+13	0.0	63200.0
926.	c4h4+o2=ic4h3+ho2	1.00E+13	0.0	44640.0
	c4h4+ho2=nc4h3+h2o2	2.00E+11	0.0	12600.0
	c4h4+ho2=ic4h3+h2o2	1.00E+11	0.0	9920.0
	c4h4+ho2=c3h3+hco+oh	4.00E+11	0.0	8000.0
930.	c4h4+oh=ic4h3+h2o	2.00E+07	2.0	2000.0
931.	c4h4+oh=nc4h3+h2o	7.50E+06	2.0	5000.0
	c4h4+o=ac3h4+co	3.00E+13	0.0	1810.0
	c4h4+h=ic4h3+h2	3.33E+05	2.5	9240.0
	c4h4+h=nc4h3+h2	2.00E+07	2.0	15000.0
935.	c4h4+c2h=ic4h3+c2h2	3.98E+13	0.0	0.0
936.	c4h4+ch3=ic4h3+ch4	1.66E+01	3.7	9499.0
937	c4h4+nc4h5=ic4h3+c4h6	4.00E+11	0.0	5000.0
	c4h4+ic4h5=ic4h3+c4h6			
		4.00E+11	0.0	5000.0
	c2h2+c2h2=ic4h3+h	6.31E+13	0.0	41600.0
940.	ic4h3+o2=ch2co+hcco	1.00E+12	0.0	0.0
941.	ic4h3+oh=c4h2+h2o	3.00E+13	0.0	0.0
	ic4h3+o=ch2co+c2h	2.00E+13	0.0	0.0
	ic4h3+o=h2c4o+h	2.00E+13		
			0.0	0.0
	ic4h3+h=c4h2+h2	5.00E+13	0.0	0.0
945.	ic4h3+ch2=ac3h4+c2h	2.00E+13	0.0	0.0
946.	nc4h3+oh=c4h2+h2o	3.00E+13	0.0	0.0
947	nc4h3+h=c4h2+h2	5.00E+13	0.0	0.0
	nc4h3+h=ic4h3+h	1.00E+14	0.0	0.0
	h2c4o+oh=ch2co+hcco	1.00E+07	2.0	2000.0
950.	h2c4o+h=c2h2+hcco	5.00E+13	0.0	3000.0
951.	c2h2+c2h=c4h2+h	1.82E+14	0.0	467.0
	c4h2+m=c4h+h+m	3.50E+17	0.0	80065.0
	c4h2+oh=h2c4o+h	6.66E+12	0.0	-410.0
<b>954.</b>	c4h2+o=c3h2+co	1.20E+12	0.0	0.0

955.	c4h+o2=c2h+co+co	1.00E+14	0.0	0.0
956.	nc3h7hco+o2=c3h7co+ho2	2.00E+13		42200.0
	nc3h7hco+oh=c3h7co+h2o	1.00E+13		0.0
	nc3h7hco+h=c3h7co+h2	4.00E+13	0.0	4200.0
	nc3h7hco+o=c3h7co+oh	5.00E+12	0.0	1790.0
	nc3h7hco+ho2=c3h7co+h2o2	2.80E+12	0.0	13600.0
	nc3h7hco+ch3=c3h7co+ch4	1.70E+12	0.0	8440.0
	nc3h7hco+ch3o=c3h7co+ch3oh	1.15E+11		1280.0
	nc3h7hco+ch3o2=c3h7co+ch3o2h	1.00E+12		9500.0
	nc3h7hco+oh=c3h6cho-1+h2o	5.27E+09		1586.0
965.	nc3h7hco+ho2=c3h6cho-1+h2o2	9.03E-01	3.6	7153.0
966.	nc3h7hco+ch3o2=c3h6cho-1+ch3o2h	6.03E+12	0.0	19380.0
967.	nc3h7hco+oh=ch3chch2hco+h2o	4.67E+07	1.6	-35.0
968.	nc3h7hco+ho2=ch3chch2hco+h2o2	1.47E+04	2.6	13910.0
969.	nc3h7hco+ch3o2=ch3chch2hco+ch3o2h	9.63E+03	2.6	13910.0
	c3h7co=nc3h7+co	5.32E+15		13400.0
	c2h4+ch2hco=c3h6cho-1	2.11E+11		7350.0
	c3h6cho-1+o2=ac3h5hco+ho2	3.80E+10		-2000.0
	ch3chch2hco+o2=ac3h5hco+ho2	7.59E+09		-2000.0
	ch3chch2hco=c3h6+hco	8.25E+12		21900.0
214.	Reverse Arrhenius coefficients:	1.00E+11	0.0	
075				6000.0
	mvk+oh=>ch2o+ch2coch3	1.40E+12	0.0	-900.0
	mvk+oh=>ch3+ch3cocho	1.40E+12		-900.0
	c2h3+ch2co=ch2coc2h3	2.11E+11		7350.0
	c2h5+nc3h7=nc5h12	5.20E+12		0.0
	nc5h12+h=h2+ch3+2c2h4	2.70E+07		5000.0
	nc5h12+oh=h2o+ch3+2c2h4	7.80E+06		-765.0
981.	nc5h12+ho2=h2o2+ch3+2c2h4	1.20E+12	0.0	15500.0
982.	nc5h12+ch3=ch4+ch3+2c2h4	6.00E+11	0.0	9600.0
983.	nc5h12+ch3o2=ch3o2h+ch3+2c2h4	4.50E+12	0.0	17500.0
984.	nc5h12+c2h5=c2h6+ch3+2c2h4	6.00E+11	0.0	11000.0
985.	nc5h12+o=oh+ch3+2c2h4	3.40E+07	1.8	550.0
	nc5h12+o2cho=Ac5h11+ho2cho	1.68E+13	0.0	20440.0
	nc5h12+o2cho=Bc5h11+ho2cho	1.12E+13		17690.0
	nc5h12+o2cho=Cc5h11+ho2cho	5.60E+12	0.0	17690.0
	Ac5h11=nc3h7+c2h4	4.50E+13		28700.0
	Bc5h11=c2h5+c3h6	4.50E+13		29700.0
	Cc5h11=ch3+c4h8	4.20E+13		31000.0
	Ac5h11=h+c5h10	3.41E+15	-0.7	36589.0
	Bc5h11=h+c5h10	6.76E+12	0.1	37652.0
	Bc5h11=h+c2c5h10	2.22E+15	-0.7	37356.0
	Bc5h11=h+t2c5h10	1.14E+15	-0.7	36161.0
	Cc5h11=h+c2c5h10	4.44E+15	-0.7	37310.0
	Cc5h11=h+t2c5h10	2.28E+15	-0.7	36114.0
998.	Ac5h11+o2=c5h10+ho2	1.50E-19	0.0	5000.0
999.	Bc5h11+o2=c2c5h10+ho2	1.00E+11	0.0	5020.0
1000.	Bc5h11+o2=t2c5h10+ho2	2.00E+11	0.0	5020.0
1001.	Bc5h11+o2=c5h10+ho2	2.00E+11	0.0	5020.0
1002.	Cc5h11+o2=c2c5h10+ho2	3.58E+09	0.0	-3532.0
1003.	Cc5h11+o2=t2c5h10+ho2	3.58E+09	0.0	-3532.0
	Ac5h11=Bc5h11	1.00E+12	0.0	22515.0
	Reverse Arrhenius coefficients:	3.00E+11	0.0	23906.0
1005	Ac5h11=Cc5h11	3.00E+11	0.0	24045.0
±000.	Reverse Arrhenius coefficients:	1.00E+11	0.0	25436.0
1006	Ac5h11+ho2=>ch2o+pc4h9+oh	1.00E+13	0.0	0.0
	<del>-</del>			
	Ac5h11+o=ch2o+pc4h9	1.61E+13	0.0	0.0
	Ac5h11+o2=ch2o+oh+c4h8	2.10E+11	0.0	6158.0
	Bc5h11+ho2=>ch3hco+oh+nc3h7	1.00E+13	0.0	0.0
	Bc5h11+o=ch3hco+nc3h7	1.61E+13	0.0	0.0
	Bc5h11+o2=>oh+ch3hco+c3h6	2.10E+11	0.0	6158.0
1012.	Cc5h11+ho2=>oh+ethco+c2h5	1.00E+13	0.0	0.0

1013.	Cc5h11+o=ethco+c2h5	1.61E+13	0.0	0.0
1014.	Cc5h11+o2=>oh+ethco+c2h4	2.10E+11	0.0	6158.0
1015.	c5h10=c2h5+ac3h5	9.17E+20	-1.6	73990.0
1016.	c5h10+ch3=nc3h7+c3h6	9.60E+10	0.0	8000.0
1017.	c2c5h10+ch3=>c2h5+c4h8	1.70E+11	0.0	7400.0
1018.	t2c5h10+ch3=>c2h5+c4h8	1.70E+11	0.0	7400.0
1019.	c5h10+oh=pc4h9+ch2o	1.00E+11	0.0	0.0
1020.	c5h10+oh=nc3h7+ch3hco	1.00E+11	0.0	0.0
1021.	c2c5h10+oh=>ch3+nc3h7hco	1.00E+12	0.0	0.0
	t2c5h10+oh=>ch3+nc3h7hco	1.00E+12	0.0	0.0
1023.	c2c5h10+oh=>ch2o+pc4h9	1.00E+12	0.0	0.0
	t2c5h10+oh=>ch2o+pc4h9	1.00E+12	0.0	0.0
	c5h10+o=pc4h9+hco	1.00E+11	0.0	0.0
	c5h10+o=nc3h7+ch3co	1.00E+11	0.0	0.0
	c2c5h10+o=>ch2co+ch3+h+c2h4	3.40E+07	1.8	550.0
	t2c5h10+o=>ch2co+ch3+h+c2h4	3.40E+07	1.8	550.0
	c5h10+h=h2+Cc5h9-1	5.40E+04	2.5	-1900.0
	c5h10+h=h2o+Cc5h9-1	2.25E+13	0.0	
				2217.0
	c5h10+ho2=Cc5h9-1+h2o2	6.80E+03	2.5	10115.0
	c5h10+ch3=ch4+Cc5h9-1	1.00E+11	0.0	7300.0
	c5h10+ch3o2=ch3o2h+Cc5h9-1	1.00E+12	0.0	14550.0
	c5h10+c2h5=c2h6+Cc5h9-1	4.40E+00	3.5	4140.0
	c5h10+o=oh+Cc5h9-1	8.80E+10	0.7	3250.0
	c5h10+h=Dc5h9-1+h2	9.00E+06	2.0	5000.0
	c5h10+oh=Dc5h9-1+h2o	1.00E+06	2.0	-597.0
	c5h10+ho2=Dc5h9-1+h2o2	2.00E+04	2.5	14208.0
	c5h10+h=Ec5h9-1+h2	2.85E+07	2.0	7700.0
1040.	c5h10+oh=Ec5h9-1+h2o	7.05E+06	1.8	974.0
1041.	c5h10+ho2=Ec5h9-1+h2o2	1.80E+04	2.5	16683.0
1042.	sc3h5+c2h5=c2c5h10	1.00E+13	0.0	0.0
	sc3h5+c2h5=t2c5h10	1.00E+13	0.0	0.0
1044.	Cc5h9-1=c4h6+ch3	6.50E+12	0.0	38200.0
1045.	Dc5h9-1=c5h8-13+h	3.20E+13	0.0	34800.0
1046.	Ec5h9-1=ac3h5+c2h4	3.30E+13	0.0	22500.0
1047.	Cc5h9-1+h=c5h10	1.00E+13	0.0	0.0
1048.	Cc5h9-1+h=c2c5h10	1.00E+13	0.0	0.0
1049.	Cc5h9-1+h=t2c5h10	1.00E+13	0.0	0.0
1050.	Cc5h9-1=c5h8-13+h	1.50E+13	0.0	50500.0
1051.	Cc5h9-1+o2=c5h8-13+ho2	5.90E+05	0.0	0.0
1052.	Cc5h9-1+ho2=>acrol+c2h5+oh	7.00E+12	0.0	-1000.0
1053.	Cc5h9-1+ho2=>ethco+c2h3+oh	7.00E+12	0.0	-1000.0
	Cc5h9-1+h=c5h8-13+h2	3.16E+13	0.0	0.0
	Cc5h9-1+ch3=c5h8-13+ch4	1.00E+13	0.0	0.0
	Cc5h9-1+c2h3=c5h8-13+c2h4	4.00E+12	0.0	0.0
	Cc5h9-1+c2h5=c5h8-13+c2h6	4.00E+12	0.0	0.0
	Cc5h9-1+ac3h5=c5h8-13+c3h6	1.33E+12	0.0	0.0
	nc4h5+ch3=c5h8-13	2.00E+13	0.0	0.0
	sc3h5+c2h3=c5h8-13	1.00E+13	0.0	0.0
	ac3h5+c2h3=c5h8-13	1.00E+13	0.0	0.0
	ic4h5+ch3=c5h8-13	4.80E+37	-7.6	11359.0
	c5h8-13+o2=acrol+ch3hco	2.00E+08	1.5	30200.0
	c5h8-13+ho2=>acrol+c1h4+oh	5.00E+08	0.0	19000.0
	c5h8-13+ho2=>c4h6+ch2o+oh	5.00E+11	0.0	19000.0
	c5h8-13+h6z=>C4h6+Ch20+6h c5h8-13+oh=ch3hco+ac3h5	6.00E+11	0.0	-393.0
	c5h8-13+oh=ch2o+Cc4h7-1	6.00E+12	0.0	-393.0
	c5h8-13+o=acrol+c2h4	4.50E+08	$\frac{1.4}{1.4}$	-858.0
	c5h8-13+o=ch2o+c4h6	4.50E+08	1.4	-858.0
	c5h8-13+h=c5h7+h2	7.00E+06	2.0	0.0
	c5h8-13+h=ac3h5+c2h4	3.35E+08	1.5	2000.0
	c5h8-13+oh=c5h7+h2o	7.00E+06	2.0	0.0
1073.	c5h8-13+ho2=c5h7+h2o2	2.00E+11	0.0	12600.0

1074.	c5h8-13+ch3=c5h7+ch4	2.00E+14	0.0	22800.0
1075.	c5h8-14+oh=c5h7+h2o	3.00E+06	2.0	-1520.0
1076.	c5h8-14+h=c5h7+h2	5.50E+04	2.5	-1900.0
1077.	c5h8-14+o=c5h7+oh	9.00E+10	0.7	3250.0
	c5h8-14+ho2=c5h7+h2o2	7.50E+03	2.6	12400.0
	c5h8-14+ch3=c5h7+ch4	1.00E+11	0.0	7300.0
	c5h7+o=acrol+c2h3	2.00E+14	0.0	0.0
	c5h7+h=c5h8-13	1.00E+14	0.0	0.0
	c5h7=CPD+h		0.0	18000.0
		2.00E+11		
	c5h7+cyc6h12=c5h8-13+cyc6h11	1.00E+12	0.0	10000.0
	nc4h9hco+o2=nc4h9co+ho2	2.00E+13	0.5	42200.0
	nc4h9hco+oh=nc4h9co+h2o	1.00E+13	0.0	0.0
	nc4h9hco+h=nc4h9co+h2	4.00E+13	0.0	4200.0
	nc4h9hco+o=nc4h9co+oh	5.00E+12	0.0	1790.0
1088.	nc4h9hco+ho2=nc4h9co+h2o2	2.80E+12	0.0	13600.0
1089.	nc4h9hco+ch3=nc4h9co+ch4	1.70E+12	0.0	8440.0
1090.	nc4h9hco+ch3o=nc4h9co+ch3oh	1.15E+11	0.0	1280.0
1091.	nc4h9hco+ch3o2=nc4h9co+ch3o2h	1.00E+12	0.0	9500.0
1092.	nc4h9co+M=co+pc4h9+M	8.64E+15	0.0	14400.0
	nc4h9co+ho2=>co2+oh+pc4h9	2.00E+13	0.0	0.0
	Dc5h9-2+h=c2c5h10	1.00E+13	0.0	0.0
	Dc5h9-2+h=t2c5h10	1.00E+13	0.0	0.0
	Dc5h9-2=c5h8-13+h	1.20E+14	0.0	49300.0
	Dc5h9-2+o2=c5h8-13+ho2	1.00E+11	0.0	0.0
	Dc5h9-2+ho2=>ch3hco+sc3h5+oh	1.00E+13	0.0	0.0
	Dc5h9-2+h=c5h8-13+h2	3.16E+12	0.0	0.0
	Dc5h9-2+ch3=c5h8-13+ch4	1.00E+13		0.0
	Dc5h9-2+c2h3=c5h8-13+c2h4	4.00E+12	0.0	0.0
1102.	Dc5h9-2+c2h5=c5h8-13+c2h6	4.00E+12	0.0	0.0
1103.	Dc5h9-2+ac3h5=c5h8-13+c3h6	4.00E+12	0.0	0.0
	Dc5h9-2+Cc4h7-1=c5h8-13+c4h8	3.16E+12	0.0	0.0
1105.	Ac5h9-1=cyc5h8+h	2.28E+11	0.0	18277.0
	Ac5h9-1+ho2=>nc3h7+ch2co+oh	5.00E+12	0.0	8000.0
	Ec5h9-1=cyc5h8+h	6.90E-03	0.0	-4213.0
	isoph=isope+h	1.00E+14	0.0	44000.0
	isoph=c2h4+tc3h5	5.00E+13	0.0	38000.0
	isope+ho2=isopy+h2o2	2.00E+05	2.6	13910.0
	isope+oh=isopy+h2o	2.00E+03	2.0	5000.0
	c4h4+ch3=isopy	2.50E+07 2.50E+13	0.0	0.0
	isopy=c2h3+ac3h4	2.00E+13	0.0	48700.0
	isopy+o2=ch2o+ch2coc2h3	3.08E+09	0.4	16910.0
	c6h14=nc3h7+nc3h7	7.36E+28	-3.0	93270.0
	c6h14=c2h5+pc4h9	2.75E+29	-3.3	92039.0
	c6h14=ch3+Ac5h11	3.83E+24	-1.9	93137.0
	c6h14=h+Ac6h13	7.93E+18	-0.4	104311.0
	c6h14=h+Bc6h13	1.14E+19	-0.4	102069.0
	c6h14=h+Cc6h13	1.37E+19	-0.4	102119.0
1121.	c6h14+o2=ho2+Ac6h13	4.00E+13	0.0	50870.0
1122.	c6h14+o2=ho2+Bc6h13	8.00E+13	0.0	47690.0
1123.	c6h14+o2=ho2+Cc6h13	8.00E+13	0.0	47690.0
1124.	c6h14+oh=h2o+Ac6h13	1.05E+10	1.0	1590.0
1125.	c6h14+oh=h2o+Bc6h13	9.36E+07	1.6	-35.0
	c6h14+oh=h2o+Cc6h13	9.36E+07	1.6	-35.0
	c6h14+ho2=h2o2+Ac6h13	3.60E+04	2.5	16683.0
	c6h14+ho2=h2o2+Bc6h13	4.00E+04	2.5	14208.0
	c6h14+ho2=h2o2+Cc6h13	4.00E+04	2.5	14208.0
	c6h14+h=h2+Ac6h13	5.70E+07	2.0	7700.0
			2.0	
	c6h14+h=h2+Bc6h13	1.80E+07		5000.0
	c6h14+h=h2+Cc6h13	1.80E+07	2.0	5000.0
	0+c6h14=0h+Ac6h13	1.00E+14	0.0	7850.0
113 <b>4.</b>	o+c6h14=oh+Bc6h13	5.20E+13	0.0	5200.0

1135.	o+c6h14=oh+Cc6h13	5.20E+13	0.0	5200.0
1136.	c6h14+ch3=ch4+Ac6h13	6.00E-01	4.0	8200.0
1137.	c6h14+ch3=ch4+Bc6h13	4.00E+11	0.0	9600.0
1138.	c6h14+ch3=ch4+Cc6h13	4.00E+11	0.0	9600.0
	c6h14+c2h5=c2h6+Ac6h13	6.00E+11	0.0	13500.0
	c6h14+c2h5=c2h6+Bc6h13	4.00E+11	0.0	11000.0
	c6h14+c2h5=c2h6+Cc6h13	4.00E+11	0.0	11000.0
	c6h14+hco=ch2o+Ac6h13	2.00E+11	2.5	18500.0
	c6h14+hco=ch2o+Bc6h13	2.20E+07	1.9	17000.0
	c6h14+hco=ch2o+Cc6h13	2.20E+07	1.9	17000.0
	c6h14+ch3o=ch3oh+Ac6h13	3.20E+11	0.0	7300.0
	c6h14+ch3o=ch3oh+Bc6h13	2.90E+11	0.0	4500.0
1147.	c6h14+ch3o=ch3oh+Cc6h13	2.90E+11	0.0	4500.0
1148.	c6h14+ch2oh=ch3oh+Ac6h13	2.00E+02	3.0	14000.0
1149.	c6h14+ch2oh=ch3oh+Bc6h13	1.20E+02	3.0	12000.0
1150.	c6h14+ch2oh=ch3oh+Cc6h13	1.20E+02	3.0	12000.0
1151.	c6h14+ch3o2=ch3o2h+Ac6h13	1.20E+13	0.0	20000.0
1152.	c6h14+ch3o2=ch3o2h+Bc6h13	6.00E+12	0.0	17500.0
	c6h14+ch3o2=ch3o2h+Cc6h13	6.00E+12	0.0	17500.0
	c6h14+ch2hco=ch3hco+Ac6h13	6.00E+11	0.0	13700.0
	c6h14+ch2hco=ch3hco+Bc6h13	4.00E+11	0.0	11400.0
	c6h14+ch2hco=ch3hco+Cc6h13	4.00E+11	0.0	11400.0
	c6h14+ch3co=ch3hco+Ac6h13	3.00E+11	0.0	15000.0
	c6h14+ch3co=ch3hco+Bc6h13	2.00E+11	0.0	12700.0
	c6h14+ch3co=ch3hco+Cc6h13	2.00E+11	0.0	12700.0
	c6h14+nc3h7=c3h8+Ac6h13	6.00E+11	0.0	13700.0
	c6h14+nc3h7=c3h8+Bc6h13	4.00E+11	0.0	11400.0
1162.	c6h14+nc3h7=c3h8+Cc6h13	4.00E+11	0.0	11400.0
1163.	c6h14+pc4h9=c4h10+Ac6h13	6.00E+11	0.0	13700.0
1164.	c6h14+pc4h9=c4h10+Bc6h13	4.00E+11	0.0	11400.0
1165.	c6h14+pc4h9=c4h10+Cc6h13	4.00E+11	0.0	11400.0
	c6h14+Ac5h11=nc5h12+Ac6h13	6.00E+11	0.0	13700.0
	c6h14+Ac5h11=nc5h12+Bc6h13	4.00E+11	0.0	11400.0
	c6h14+Ac5h11=nc5h12+Cc6h13	4.00E+11	0.0	11400.0
	c6h14+Ac6h13=c6h14+Bc6h13	4.00E+11	0.0	11400.0
	c6h14+Ac6h13=c6h14+Cc6h13	4.00E+11	0.0	11400.0
	c6h14+Bc6h13=c6h14+Cc6h13	4.00E+11	0.0	12400.0
	c6h14+o2cho=Ac6h13+ho2cho	1.68E+13	0.0	20440.0
	c6h14+o2cho=Bc6h13+ho2cho	1.12E+13	0.0	17690.0
	c6h14+o2cho=Cc6h13+ho2cho	1.12E+13	0.0	17690.0
	Ac6h13=pc4h9+c2h4	1.02E+12	0.3	27276.0
	Bc6h13=nc3h7+c3h6	4.47E+11	0.6	28047.0
	Cc6h13=c2h5+c4h8	3.55E+12	0.3	28246.0
1178.	Cc6h13=ch3+c5h10	8.13E+10	0.8	29651.0
1179.	Ac6h13=h+c6h12-1	1.39E+16	-0.9	36837.0
1180.	Bc6h13=h+c6h12-1	1.63E+16	-0.8	37690.0
1181.	Bc6h13=h+c6h12-2	8.76E+15	-1.2	37213.0
1182.	Cc6h13=h+c6h12-2	7.33E+15	-1.2	37163.0
	Cc6h13=h+c6h12-3	7.33E+15	-1.2	37163.0
	Ac6h13+o2=c6h12-1+ho2	1.90E+12	0.0	5000.0
	Bc6h13+o2=c6h12-1+ho2	1.80E+10	0.0	-2000.0
	Bc6h13+o2=c6h12-2+ho2	1.80E+10	0.0	-2000.0
	Cc6h13+o2=c6h12-2+ho2	1.80E+10	0.0	-2000.0
	Cc6h13+o2=c6h12-3+ho2	1.80E+10 1.80E+10	0.0	-2000.0
1109.	Ac6h13=Bc6h13	1.82E+02	2.5	10961.0
1100	Reverse Arrhenius coefficients:	1.70E+01	2.9	13380.0
1190.	Ac6h13=Cc6h13	6.92E+00	3.2	16559.0
	Reverse Arrhenius coefficients:	7.08E+00	3.2	18938.0
	c6h12-1=nc3h7+ac3h5	2.50E+16	0.0	70000.0
	c2h3+pc4h9=c6h12-1	1.00E+13	0.0	0.0
1193.	c6h12-1=c3h6+c3h6	4.00E+12	0.0	57430.0

1194.	Cc6h11-1+h=c6h12-1	1.00E+13	0.0	0.0
1195.	c6h12-1=Dc4h7-1+c2h5	1.31E+23	-1.9	87446.0
1196.	c6h12-1=Ec5h9-1+ch3	9.65E+21	-1.5	89648.0
1197.	c6h12-1+oh=Ac5h11+ch2o	1.00E+11	0.0	-4000.0
1198.	c6h12-1+o=Ac5h11+hco	1.00E+11	0.0	-1050.0
1199.	c6h12-1+o2=Cc6h11-1+ho2	4.00E+12	0.0	40000.0
1200.	c6h12-1+ho2=h2o2+Cc6h11-1	6.80E+03	2.5	10115.0
1201.	c6h12-1+o=oh+Cc6h11-1	4.00E+13	0.0	4000.0
1202.	c6h12-1+h=h2+Cc6h11-1	6.55E+12	0.0	4445.0
1203.	c6h12-1+oh=h2o+Cc6h11-1	6.00E+13	0.0	1230.0
	c6h12-1+ch3=ch4+Cc6h11-1	2.00E+11	0.0	6800.0
	c6h12-1+c2h3=c2h4+Cc6h11-1	2.00E+11	0.0	6800.0
	c6h12-1+nc3h7=c3h8+Cc6h11-1	1.00E+11	0.0	8300.0
	c6h12-1+oh=h2o+ch3+c5h8-14	1.12E+06	2.0	-1391.0
	c6h12-1+oh=h2o+ac3h5+c3h6	1.00E+06	2.0	-597.0
	c6h12-1+o1=h20+ac3h3+c3h0	2.10E+13		
			0.0	51300.0
	c6h12-1+oh=h2o+Fc6h11-1	7.05E+06	1.8	974.0
	c6h12-2+o2=Cc6h11-1+ho2	1.95E+12	0.0	39000.0
	c6h12-2+ho2=Cc6h11-1+h2o2	1.50E+11	0.0	14190.0
	c6h12-2+oh=Cc6h11-1+h2o	7.70E+05	2.2	622.0
	c6h12-2+o=Cc6h11-1+oh	1.75E+11	0.7	5884.0
	c6h12-2+h=Cc6h11-1+h2	6.46E+12	0.0	4445.0
	c6h12-2+ch3=Cc6h11-1+ch4	1.60E+11	0.0	8800.0
	c6h12-2+c2h5=Cc6h11-1+c2h6	1.00E+11	0.0	9800.0
1218.	c6h12-2+c2h3=Cc6h11-1+c2h4	2.21E+00	3.5	4682.0
1219.	c6h12-2+ho2=h2o2+Bc6h11-3	1.00E+11	0.0	17060.0
1220.	c6h12-2+o=oh+Bc6h11-3	4.00E+13	0.0	4000.0
1221.	c6h12-2+h=h2+Bc6h11-3	6.55E+12	0.0	4445.0
1222.	c6h12-2+oh=h2o+Bc6h11-3	4.19E+06	2.0	-543.0
1223.	c6h12-2+ch3=ch4+Bc6h11-3	2.00E+11	0.0	6800.0
1224.	c6h12-2+c2h3=c2h4+Bc6h11-3	2.00E+11	0.0	6800.0
1225.	c6h12-2+nc3h7=c3h8+Bc6h11-3	2.00E+11	0.0	8300.0
1226.	c6h12-3+ho2=h2o2+Bc6h11-3	2.00E+11	0.0	17060.0
1227.	c6h12-3+o=oh+Bc6h11-3	8.00E+13	0.0	4000.0
1228.	c6h12-3+h=h2+Bc6h11-3	1.31E+13	0.0	4445.0
	c6h12-3+oh=h2o+Bc6h11-3	8.37E+06	2.0	-543.0
	c6h12-3+ch3=ch4+Bc6h11-3	4.00E+11	0.0	6800.0
	c6h12-3+c2h3=c2h4+Bc6h11-3	4.00E+11	0.0	6800.0
	c6h12-3+nc3h7=c3h8+Bc6h11-3	4.00E+11	0.0	8300.0
	Fc6h11-1=Cc6h11-1	1.00E+12	0.0	29880.0
	Cc6h11-1=c2h5+c4h6	4.00E+10	0.0	38250.0
	Cc6h11-1=c5h8-13+ch3	1.00E+12	0.0	50000.0
	Cc6h11-1+ho2=>nc3h7+acrol+oh	1.00E+12	0.0	8000.0
	Fc6h11-1=c2h4+Dc4h7-1	1.00E+12	0.0	35000.0
	Fc6h11-1=cyc6h11	1.00E+08	0.9	5900.0
	c2h4+Ac4h7-1=Ac6h11-3	2.00E+11	0.0	2010.0
	Bc6h11-3=c5h8-13+ch3	2.00E+11 2.00E+13	0.0	42320.0
	ac3h5+ac3h5=c6h10-15	1.02E+13	0.0	-263.0
		1.02E+13 1.00E+12		
	Cc4h7-1+c2h3=c6h10-15	1.00E+12 1.00E+11	0.0	0.0 25050.0
	c6h10-15+o2=c6h9+ho2		0.0	
	c6h10-15+ho2=c6h9+h2o2	1.64E+11	0.0	12583.0
	c6h10-15+oh=c6h9+h2o	5.60E+12	0.0	861.0
	c6h10-15+h=c6h9+h2	1.00E+14	0.0	3900.0
	c6h10-15+ch3=c6h9+ch4	2.50E+11	0.0	8300.0
	c6h10-15+c2h5=c6h9+c2h6	1.00E+11	0.0	8300.0
	c6h10-15+c2h3=c6h9+c2h4	6.30E+12	0.0	13000.0
	c6h10-15+ac3h5=c6h9+c3h6	1.00E+12	0.0	10500.0
	c6h10-13=c2h2+c4h8	1.00E+14	0.0	75000.0
	c5h11hco+o2=c5h11co+ho2	2.00E+13	0.5	42200.0
	c5h11hco+oh=c5h11co+h2o	1.00E+13	0.0	0.0
1254.	c5h11hco+h=c5h11co+h2	4.00E+13	0.0	4200.0

1255.	c5h11hco+o=c5h11co+oh	5.00E+12	0.0	1790.0
1256.	c5h11hco+ho2=c5h11co+h2o2	2.80E+12	0.0	13600.0
1257.	c5h11hco+ch3=c5h11co+ch4	1.70E+12	0.0	8440.0
1258.	c5h11hco+ch3o=c5h11co+ch3oh	1.15E+11	0.0	1280.0
1259.	c5h11hco+ch3o2=c5h11co+ch3o2h	1.00E+12	0.0	9500.0
1260.	c5h11co+M=co+Ac5h11+M	8.64E+15	0.0	14400.0
1261.	c5h11co+ho2=>co2+oh+Ac5h11	2.00E+13	0.0	0.0
	c6h7C=Lc6h7	2.50E+14	0.7	41800.0
	Lc6h7=c2h2+nc4h5	3.16E+13	0.0	43100.0
	Lc6h7=Lc6h6+h	3.98E+12	0.0	36500.0
	Lc6h7+oh=Lc6h6+h2o	2.00E+07	2.0	1000.0
	Lc6h7+h=Lc6h6+h2	2.00E+07	2.0	1000.0
	Lc6h7+n2=chocho+nc4h5	1.00E+12	0.0	0.0
	Lc6h7+o2=Lc6h6+ho2	1.00E+12 1.00E+07	2.0	10000.0
	Lc6h6+o2=>acrol+hco+c2h	2.00E+08	1.5	30200.0
	c6h5=U-c6h5	3.00E+13	0.0	
				72896.7
	U-c6h5=c2h2+nc4h3	3.16E+13	0.0	43100.0
	U-c6h5=Lc6h4+h	3.98E+12	0.0	36500.0
	Lc6h4+o2=>2hco+2c2h	2.00E+08	1.5	30200.0
	nc7h16=nc3h7+pc4h9	1.22E+27	-3.0	89757.5
	nc7h16=c2h5+Ac5h11	4.49E+25	-2.6	88135.0
	nc7h16=ch3+Ac6h13	5.27E+22	-1.8	89834.0
	nc7h16=h+Ac7h15	1.07E+17	-0.3	101045.0
	nc7h16=h+Bc7h15	1.60E+17	-0.3	98008.0
1279.	nc7h16=h+Cc7h15	2.02E+17	-0.3	98866.0
1280.	nc7h16=h+Dc7h15	1.03E+17	-0.3	98868.0
1281.	nc7h16+o2=Ac7h15+ho2	4.00E+13	0.0	50870.0
1282.	nc7h16+o2=Bc7h15+ho2	8.00E+13	0.0	47690.0
1283.	nc7h16+o2=Cc7h15+ho2	8.00E+13	0.0	47690.0
1284.	nc7h16+o2=Dc7h15+ho2	4.00E+13	0.0	47690.0
1285.	nc7h16+oh=h2o+Ac7h15	1.05E+10	1.0	1590.0
	nc7h16+oh=h2o+Bc7h15	9.36E+07	1.6	-35.0
	nc7h16+oh=h2o+Cc7h15	9.36E+07	1.6	-35.0
	nc7h16+oh=h2o+Dc7h15	4.68E+07	1.6	-35.0
	nc7h16+ho2=h2o2+Ac7h15	3.60E+04	2.5	16683.0
	nc7h16+ho2=h2o2+Bc7h15	4.00E+04	2.5	14208.0
	nc7h16+ho2=h2o2+Cc7h15	4.00E+04	2.5	14208.0
	nc7h16+ho2=h2o2+Dc7h15	2.00E+04	2.5	14208.0
	nc7h16+h=h2+Ac7h15	5.70E+07	2.0	7700.0
	nc7h16+h=h2+Bc7h15	1.80E+07	2.0	5000.0
	nc7h16+h=h2+Cc7h15	1.80E+07	2.0	5000.0
		9.00E+06		
	nc7h16+h=h2+Dc7h15		2.0	5000.0
	o+nc7h16=oh+Ac7h15	1.00E+14	0.0	7850.0
	o+nc7h16=oh+Bc7h15	5.20E+13	0.0	5200.0
	o+nc7h16=oh+Cc7h15	5.20E+13	0.0	5200.0
	o+nc7h16=oh+Dc7h15	2.60E+13	0.0	5200.0
	nc7h16+ch3=ch4+Ac7h15	6.00E-01	4.0	8200.0
	nc7h16+ch3=ch4+Bc7h15	4.00E+11	0.0	9600.0
	nc7h16+ch3=ch4+Cc7h15	4.00E+11	0.0	9600.0
	nc7h16+ch3=ch4+Dc7h15	2.00E+11	0.0	9600.0
	nc7h16+c2h5=c2h6+Ac7h15	6.00E+11	0.0	13500.0
	nc7h16+c2h5=c2h6+Bc7h15	4.00E+11	0.0	11000.0
	nc7h16+c2h5=c2h6+Cc7h15	4.00E+11	0.0	11000.0
	nc7h16+c2h5=c2h6+Dc7h15	2.00E+11	0.0	11000.0
	nc7h16+hco=ch2o+Ac7h15	2.00E+05	2.5	18500.0
	nc7h16+hco=ch2o+Bc7h15	2.20E+07	1.9	17000.0
1311.	nc7h16+hco=ch2o+Cc7h15	2.20E+07	1.9	17000.0
1312.	nc7h16+hco=ch2o+Dc7h15	1.10E+07	1.9	17000.0
1313.	nc7h16+ch3o=ch3oh+Ac7h15	3.20E+11	0.0	7300.0
1314.	nc7h16+ch3o=ch3oh+Bc7h15	2.90E+11	0.0	4500.0
1315.	nc7h16+ch3o=ch3oh+Cc7h15	2.90E+11	0.0	4500.0

1316.	nc7h16+ch3o=ch3oh+Dc7h15	1.45E+11	0.0	4500.0
1317.	nc7h16+ch2oh=ch3oh+Ac7h15	2.00E+02	3.0	14000.0
1318.	nc7h16+ch2oh=ch3oh+Bc7h15	1.20E+02	3.0	12000.0
	nc7h16+ch2oh=ch3oh+Cc7h15	1.20E+02	3.0	12000.0
	nc7h16+ch2oh=ch3oh+Dc7h15	6.00E+01	3.0	12000.0
	nc7h16+ch3o2=ch3o2h+Ac7h15	1.20E+13	0.0	2000.0
	nc7h16+ch3o2=ch3o2h+Bc7h15	6.00E+12	0.0	17500.0
	nc7h16+ch3o2=ch3o2h+Cc7h15	6.00E+12	0.0	17500.0
	nc7h16+ch3o2=ch3o2h+Dc7h15	3.00E+12	0.0	17500.0
1325.	nc7h16+ch2hco=ch3hco+Ac7h15	6.00E+11	0.0	13700.0
1326.	nc7h16+ch2hco=ch3hco+Bc7h15	4.00E+11	0.0	11400.0
1327.	nc7h16+ch2hco=ch3hco+Cc7h15	4.00E+11	0.0	11400.0
1328.	nc7h16+ch2hco=ch3hco+Dc7h15	2.00E+11	0.0	11400.0
1329.	nc7h16+ch3co=ch3hco+Ac7h15	3.00E+11	0.0	15000.0
1330.	nc7h16+ch3co=ch3hco+Bc7h15	2.00E+11	0.0	12700.0
	nc7h16+ch3co=ch3hco+Cc7h15	2.00E+11	0.0	12700.0
	nc7h16+ch3co=ch3hco+Dc7h15	2.00E+11	0.0	12700.0
	nc7h16+nc3h7=c3h8+Ac7h15	6.00E+11	0.0	13700.0
	nc7h16+nc3h7=c3h8+Bc7h15	4.00E+11	0.0	11400.0
	nc7h16+nc3h7=c3h8+Cc7h15	4.00E+11 4.00E+11	0.0	11400.0
	nc7h16+nc3h7=c3h8+Dc7h15	2.00E+11	0.0	11400.0
	nc7h16+pc4h9=c4h10+Ac7h15	6.00E+11	0.0	13700.0
	nc7h16+pc4h9=c4h10+Bc7h15	4.00E+11	0.0	11400.0
	nc7h16+pc4h9=c4h10+Cc7h15	4.00E+11	0.0	11400.0
1340.	nc7h16+pc4h9=c4h10+Dc7h15	2.00E+11	0.0	11400.0
1341.	nc7h16+Ac5h11=nc5h12+Ac7h15	6.00E+11	0.0	13700.0
1342.	nc7h16+Ac5h11=nc5h12+Bc7h15	4.00E+11	0.0	11400.0
1343.	nc7h16+Ac5h11=nc5h12+Cc7h15	4.00E+11	0.0	11400.0
1344.	nc7h16+Ac5h11=nc5h12+Dc7h15	2.00E+11	0.0	11400.0
1345.	nc7h16+Ac6h13=c6h14+Ac7h15	6.00E+11	0.0	13700.0
	nc7h16+Ac6h13=c6h14+Bc7h15	4.00E+11	0.0	11400.0
	nc7h16+Ac6h13=c6h14+Cc7h15	4.00E+11	0.0	11400.0
	nc7h16+Ac6h13=c6h14+Dc7h15	2.00E+11	0.0	11400.0
	nc7h16+Ac7h15=nc7h16+Bc7h15	4.00E+11	0.0	12400.0
	nc7h16+Ac7h15=nc7h16+Cc7h15			
		4.00E+11	0.0	12400.0
	nc7h16+Ac7h15=nc7h16+Dc7h15	2.00E+11	0.0	12400.0
	nc7h16+Bc7h15=nc7h16+Cc7h15	4.00E+11	0.0	12400.0
	nc7h16+Bc7h15=nc7h16+Dc7h15	2.00E+11	0.0	12400.0
1354.	nc7h16+Cc7h15=nc7h16+Dc7h15	2.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	2.00E+11	0.0	12400.0
1355.	nc7h16+o2cho=Ac7h15+ho2cho	1.68E+13	0.0	20440.0
1356.	nc7h16+o2cho=Bc7h15+ho2cho	1.12E+13	0.0	17690.0
1357.	nc7h16+o2cho=Cc7h15+ho2cho	1.12E+13	0.0	17690.0
1358.	nc7h16+o2cho=Dc7h15+ho2cho	5.60E+12	0.0	17690.0
1359.	Ac7h15=Ac5h11+c2h4	9.12E+11	0.3	27240.5
1360.	Bc7h15=pc4h9+c3h6	6.02E+10	0.8	27823.0
	Cc7h15=nc3h7+c4h8	5.49E+11	0.6	28087.0
	Cc7h15=ch3+c6h12-1	9.55E+09	1.1	29391.0
	Dc7h15=c2h5+c5h10	1.70E+10	1.1	27026.0
	Ac7h15=h+c7h14-1	3.00E+13	0.0	38000.0
	Bc7h15=h+c7h14-1	3.00E+13	0.0	38000.0
	Bc7h15=h+c7h14-2 Cc7h15=h+c7h14-2	3.00E+13	0.0	38000.0
		3.00E+13	0.0	38000.0
	Cc7h15=h+c7h14-3	3.00E+13	0.0	38000.0
	Dc7h15=h+c7h14-3	6.00E+13	0.0	38000.0
	Ac7h15+o2=c7h14-1+ho2	1.90E+12	0.0	5000.0
	Bc7h15+o2=c7h14-1+ho2	1.80E+10	0.0	-2000.0
	Bc7h15+o2=c7h14-2+ho2	1.80E+10	0.0	-2000.0
	Cc7h15+o2=c7h14-2+ho2	1.80E+10	0.0	-2000.0
	Cc7h15+o2=c7h14-3+ho2	1.80E+10	0.0	-2000.0
1375.	Dc7h15+o2=c7h14-3+ho2	1.80E+10	0.0	-2000.0

1376.	Ac7h15=Bc7h15	2.95E+00	3.1	11017.0
	Reverse Arrhenius coefficients:	3.31E+00	3.1	13073.0
1377.	Ac7h15=Cc7h15	2.29E+01	2.8	10757.0
	Reverse Arrhenius coefficients:	1.86E+00	3.2	12849.0
1270				
13/8.	Ac7h15=Dc7h15	5.13E+00	3.2	16849.0
	Reverse Arrhenius coefficients:	8.34E-01	3.6	18942.0
1379.	Bc7h15=Cc7h15	1.41E+00	3.3	16146.0
	Reverse Arrhenius coefficients:	1.41E+00	3.3	16146.0
1380.	c2h3+Ac5h11=c7h14-1	1.00E+13	0.0	0.0
1381.	c7h14-1=c3h6+c4h8	4.00E+12	0.0	57430.0
	c7h14-1=ac3h5+pc4h9	2.50E+16	0.0	70000.0
	c7h14-1=Dc4h7-1+nc3h7	1.00E+16	0.0	71000.0
	c7h14-1=Ec5h9-1+c2h5	1.00E+16	0.0	71000.0
	c7h14-1=Fc6h11-1+ch3	1.00E+16	0.0	71000.0
1386.	Cc7h13-1+h=c7h14-1	1.00E+13	0.0	0.0
1387.	Dc7h13-2+h=c7h14-2	1.00E+13	0.0	0.0
1388.	Ec7h13-3+h=c7h14-3	1.00E+13	0.0	0.0
1389.	c7h14-1+ho2=>oh+ch2o+c6h12-1	2.50E+12	1.0	25000.0
	c7h14-2+ho2=>oh+ch3hco+c5h10	2.50E+12	1.0	25000.0
	c7h14-2+ho2=>oh+c2h4+nc4h9hco	2.50E+12	1.0	25000.0
	c7h14-3+ho2=>oh+ethco+c4h8	2.50E+12	1.0	25000.0
	c7h14-3+ho2=>oh+c3h6+nc3h7hco	2.50E+12	1.0	25000.0
1394.	c7h14-1+oh=ch2o+Ac6h13	1.00E+11	0.0	-4000.0
1395.	c7h14-1+oh=ch3+c5h11hco	1.00E+11	0.0	-4000.0
1396.	c7h14-2+oh=ch3hco+Ac5h11	1.40E+12	0.0	-900.0
1397.	c7h14-2+oh=c2h5+nc4h9hco	1.40E+12	0.0	-900.0
	c7h14-3+oh=ethco+pc4h9	1.40E+12	0.0	-900.0
	c7h14-3+oh=nc3h7+nc3h7hco	1.40E+12	0.0	-900.0
	c7h14-1+o=ch2o+c6h12-1	3.40E+07	1.8	550.0
	c7h14-2+o=ch3hco+c5h10	3.40E+07	1.8	550.0
	c7h14-2+o=c2h4+nc4h9hco	3.40E+07	1.8	550.0
1403.	c7h14-3+o=ethco+c4h8	3.40E+07	1.8	550.0
1404.	c7h14-3+o=c3h6+nc3h7hco	3.40E+07	1.8	550.0
1405.	c7h14-1+h=h2+Cc7h13-1	6.55E+12	0.0	4445.0
	c7h14-1+oh=h2o+Cc7h13-1	6.00E+13	0.0	1230.0
	c7h14-1+ho2=h2o2+Cc7h13-1	6.80E+03	2.5	10115.0
	c7h14-1+ch3=ch4+Cc7h13-1	2.00E+11	0.0	6800.0
	c7h14-1+c2h3=c2h4+Cc7h13-1	2.00E+11	0.0	6800.0
	c7h14-1+c2h5=c2h6+Cc7h13-1	1.00E+11	0.0	8300.0
	c7h14-1+o=oh+Cc7h13-1	4.00E+13	0.0	4000.0
1412.	c7h14-2+h=h2+Cc7h13-1	6.55E+12	0.0	4445.0
1413.	c7h14-2+oh=h2o+Cc7h13-1	6.00E+13	0.0	1230.0
1414.	c7h14-2+ho2=h2o2+Cc7h13-1	1.02E+04	2.5	12340.5
1415.	c7h14-2+ch3=ch4+Cc7h13-1	2.00E+11	0.0	6800.0
	c7h14-2+c2h3=c2h4+Cc7h13-1	2.00E+11	0.0	6800.0
	c7h14-2+c2h5=c2h6+Cc7h13-1	1.00E+11	0.0	8300.0
	c7h14-2+o=oh+Cc7h13-1			
		4.00E+13	0.0	4000.0
	c7h14-2+h=h2+Dc7h13-2	6.55E+12	0.0	4445.0
	c7h14-2+oh=h2o+Dc7h13-2	6.00E+13	0.0	1230.0
1421.	c7h14-2+ho2=h2o2+Dc7h13-2	6.80E+03	2.5	10115.0
1422.	c7h14-2+ch3=ch4+Dc7h13-2	2.00E+11	0.0	6800.0
1423.	c7h14-2+c2h3=c2h4+Dc7h13-2	2.00E+11	0.0	6800.0
1424.	c7h14-2+c2h5=c2h6+Dc7h13-2	1.00E+11	0.0	8300.0
	c7h14-2+o=oh+Dc7h13-2	4.00E+13	0.0	4000.0
	c7h14-3+h=h2+Dc7h13-2	6.55E+12	0.0	4445.0
	c7h14-3+h=h2o+Dc7h13-2	6.00E+13	0.0	
				1230.0
	c7h14-3+ho2=h2o2+Dc7h13-2	6.80E+03	2.5	10115.0
	c7h14-3+ch3=ch4+Dc7h13-2	2.00E+11	0.0	6800.0
	c7h14-3+c2h3=c2h4+Dc7h13-2	2.00E+11	0.0	6800.0
1431.	c7h14-3+c2h5=c2h6+Dc7h13-2	1.00E+11	0.0	8300.0
1432.	c7h14-3+o=oh+Dc7h13-2	4.00E+13	0.0	4000.0

1433.	c7h14-3+h=h2+Ec7h13-3	6.55E+12	0.0	4445.0
1434.	c7h14-3+oh=h2o+Ec7h13-3	6.00E+13	0.0	1230.0
1435.	c7h14-3+ho2=h2o2+Ec7h13-3	6.80E+03	2.5	10115.0
1436.	c7h14-3+ch3=ch4+Ec7h13-3	2.00E+11	0.0	6800.0
1437.	c7h14-3+c2h3=c2h4+Ec7h13-3	2.00E+11	0.0	6800.0
1438.	c7h14-3+c2h5=c2h6+Ec7h13-3	1.00E+11	0.0	8300.0
1439.	c7h14-3+o=oh+Ec7h13-3	4.00E+13		4000.0
	c7h14-1+oh=c7h14rohAB		0.0	-1042.0
	c7h14rohAB+o2=c7h14gjohAB		0.0	-1100.0
	c7h14qjohAB=>oh+ch2o+c5h11hco	1.00E+12	0.0	28680.0
	c7h14-2+oh=c7h14rohBC	2.76E+12	0.0	-1042.0
	c7h14rohBC+o2=c7h14qjohBC	1.00E+12	0.0	-1100.0
	25	1.00E+12 1.00E+12	0.0	
	c7h14qjohBC=>oh+ch3hco+nc4h9hco			28680.0
	c7h14-3+oh=c7h14rohCD	2.76E+12	0.0	-1042.0
	c7h14rohCD+o2=c7h14qjohCD	1.00E+12	0.0	-1100.0
	c7h14qjohCD=>oh+ethco+nc3h7hco	1.00E+12	0.0	28680.0
	Cc7h13-1=c4h6+nc3h7	1.34E+15		38320.0
	Dc7h13-2=c5h8-13+c2h5	2.50E+13		35000.0
	Ec7h13-3=c6h10-13+ch3	2.50E+13	0.0	35000.0
1452.	Cc7h13-1+ho2=>pc4h9+acrol+oh	1.00E+12	0.0	8000.0
1453.	c6h13hco+h=h2+c6h13co	4.00E+13	0.0	4200.0
1454.	c6h13hco+oh=h2o+c6h13co	4.20E+12	0.0	500.0
1455.	c6h13hco+ho2=h2o2+c6h13co	1.00E+12	0.0	10000.0
1456.	c6h13hco+ch3=ch4+c6h13co	2.00E-06	5.6	2500.0
	c6h13hco+c2h5=c2h6+c6h13co	1.30E+12	0.0	8500.0
	c6h13co+M=co+Ac6h13+M		0.0	14400.0
	c6h13co+ho2=>co2+oh+Ac6h13		0.0	0.0
	mhd=>Cc4h7-1+ac3h5	5.00E+15	0.0	72800.0
	mhd=>ch3+c6h9	5.00E+16	0.0	73000.0
	p2c4h614=p2c4h513+h	4.26E+13	0.0	38600.0
			0.0	
	p2c4h513=>isopy+c2h5	1.00E+16		71000.0
	p2c4h513+h=P2c4h4134+h2	6.55E+12	0.0	4445.0
	p2c4h513+oh=P2c4h4134+h2o	3.00E+12	0.0	1230.0
	p2c4h513+ho2=P2c4h4134+h2o2	1.00E+11	0.0	17060.0
	p2c4h513+o2=P2c4h4134+ho2	4.00E+12	0.0	40000.0
	p2c4h513+ch3=P2c4h4134+ch4	2.00E+11	0.0	6800.0
	P2c4h4134=>c2h3+c5h8-12	1.00E+11	0.0	37000.0
1470.	c5h8-12=>c3h3+c2h5	2.00E+15	0.0	75000.0
	c5h8-12=c5h8-13	2.50E+13	0.0	63000.0
1472.	Ac7h13-3=c2h4+Ac5h9-1	1.00E+11	0.0	37000.0
1473.	Ac7h13-3=c7h12-13+h	4.26E+13	0.0	38600.0
1474.	Dc7h13-1=c2h3+c5h10	1.00E+11	0.0	37000.0
1475.	Dc7h13-1=c7h12-13+h	4.26E+13	0.0	38600.0
1476.	c7h12-16=ac3h5+Dc4h7-1	1.00E+16	0.0	71000.0
1477.	c7h12-13=c5h7+c2h5	1.00E+16	0.0	71000.0
	nc8h18=pc4h9+pc4h9	2.00E+17	0.0	83180.0
	nc8h18=nc3h7+Ac5h11	2.00E+17	0.0	83400.0
	nc8h18=c2h5+Ac6h13	2.00E+17	0.0	83680.0
	nc8h18=ch3+Ac7h15	2.00E+17	0.0	85570.0
	nc8h18=h+Ac8h17	1.00E+15	0.0	100000.0
	nc8h18=h+Bc8h17	1.00E+15	0.0	100000.0
	nc8h18=h+Cc8h17	1.00E+15 1.00E+15	0.0	100000.0
	nc8h18=h+C68h17 nc8h18=h+Dc8h17			
		1.00E+15	0.0	100000.0
	nc8h18+o2=ho2+Ac8h17	4.00E+13	0.0	50870.0
	nc8h18+o2=ho2+Bc8h17	8.00E+13	0.0	47690.0
	nc8h18+o2=ho2+Cc8h17	8.00E+13	0.0	47690.0
	nc8h18+o2=ho2+Dc8h17	8.00E+13	0.0	47690.0
	nc8h18+oh=h2o+Ac8h17	1.05E+10	1.0	1590.0
	nc8h18+oh=h2o+Bc8h17	9.36E+07	1.6	-35.0
	nc8h18+oh=h2o+Cc8h17	9.36E+07	1.6	-35.0
1493.	nc8h18+oh=h2o+Dc8h17	9.36E+07	1.6	-35.0

1494.	nc8h18+ho2=h2o2+Ac8h17	3.60E+04	2.5	16683.0
1495.	nc8h18+ho2=h2o2+Bc8h17	4.00E+04	2.5	14208.0
1496.	nc8h18+ho2=h2o2+Cc8h17	4.00E+04	2.5	14208.0
1497.	nc8h18+ho2=h2o2+Dc8h17	4.00E+04	2.5	14208.0
1498.	nc8h18+h=h2+Ac8h17	5.70E+07	2.0	7700.0
1499.	nc8h18+h=h2+Bc8h17	1.80E+07	2.0	5000.0
1500.	nc8h18+h=h2+Cc8h17	1.80E+07	2.0	5000.0
	nc8h18+h=h2+Dc8h17	1.80E+07	2.0	5000.0
	o+nc8h18=oh+Ac8h17	1.00E+14	0.0	7850.0
1503	o+nc8h18=oh+Bc8h17	5.20E+13	0.0	5200.0
	o+nc8h18=oh+Cc8h17	5.20E+13	0.0	5200.0
	o+nc8h18=oh+Dc8h17	5.20E+13	0.0	5200.0
	nc8h18+ch3=ch4+Ac8h17	6.00E-01	4.0	8200.0
	nc8h18+ch3=ch4+Bc8h17	4.00E+11	0.0	9600.0
	nc8h18+ch3=ch4+Cc8h17	4.00E+11 4.00E+11	0.0	
	nc8h18+ch3=ch4+Dc8h17			9600.0
		4.00E+11	0.0	9600.0
	nc8h18+c2h5=c2h6+Ac8h17	6.00E+11	0.0	13500.0
	nc8h18+c2h5=c2h6+Bc8h17	4.00E+11	0.0	11000.0
	nc8h18+c2h5=c2h6+Cc8h17	4.00E+11	0.0	11000.0
	nc8h18+c2h5=c2h6+Dc8h17	4.00E+11	0.0	11000.0
	nc8h18+hco=ch2o+Ac8h17	2.00E+05	2.5	18500.0
	nc8h18+hco=ch2o+Bc8h17	2.20E+07	1.9	17000.0
	nc8h18+hco=ch2o+Cc8h17	2.20E+07	1.9	17000.0
	nc8h18+hco=ch2o+Dc8h17	2.20E+07	1.9	17000.0
1518.	nc8h18+ch3o=ch3oh+Ac8h17	3.20E+11	0.0	7300.0
1519.	nc8h18+ch3o=ch3oh+Bc8h17	2.90E+11	0.0	4500.0
1520.	nc8h18+ch3o=ch3oh+Cc8h17	2.90E+11	0.0	4500.0
1521.	nc8h18+ch3o=ch3oh+Dc8h17	2.90E+11	0.0	4500.0
1522.	nc8h18+ch2oh=ch3oh+Ac8h17	2.00E+02	3.0	14000.0
1523.	nc8h18+ch2oh=ch3oh+Bc8h17	1.20E+02	3.0	12000.0
	nc8h18+ch2oh=ch3oh+Cc8h17	1.20E+02	3.0	12000.0
	nc8h18+ch2oh=ch3oh+Dc8h17	1.20E+02	3.0	12000.0
	nc8h18+ch3o2=ch3o2h+Ac8h17	1.20E+13	0.0	20000.0
	nc8h18+ch3o2=ch3o2h+Bc8h17	6.00E+12	0.0	17500.0
	nc8h18+ch3o2=ch3o2h+Cc8h17	6.00E+12	0.0	17500.0
	nc8h18+ch3o2=ch3o2h+Dc8h17	6.00E+12	0.0	17500.0
	nc8h18+ch2hco=ch3hco+Ac8h17	6.00E+11	0.0	13700.0
	nc8h18+ch2hco=ch3hco+Bc8h17	4.00E+11	0.0	11400.0
	nc8h18+ch2hco=ch3hco+Cc8h17	4.00E+11 4.00E+11	0.0	11400.0
	nc8h18+ch2hco=ch3hco+Dc8h17	4.00E+11	0.0	11400.0
	nc8h18+ch3co=ch3hco+Ac8h17			
		3.00E+11	0.0	15000.0
	nc8h18+ch3co=ch3hco+Bc8h17	2.00E+11	0.0	12700.0
	nc8h18+ch3co=ch3hco+Cc8h17	2.00E+11	0.0	12700.0
	nc8h18+ch3co=ch3hco+Dc8h17	2.00E+11	0.0	12700.0
	nc8h18+nc3h7=c3h8+Ac8h17	6.00E+11	0.0	13700.0
	nc8h18+nc3h7=c3h8+Bc8h17	4.00E+11	0.0	11400.0
	nc8h18+nc3h7=c3h8+Cc8h17	4.00E+11	0.0	11400.0
	nc8h18+nc3h7=c3h8+Dc8h17	4.00E+11	0.0	11400.0
	nc8h18+pc4h9=c4h10+Ac8h17	6.00E+11	0.0	13700.0
	nc8h18+pc4h9=c4h10+Bc8h17	4.00E+11	0.0	11400.0
	nc8h18+pc4h9=c4h10+Cc8h17	4.00E+11	0.0	11400.0
	nc8h18+pc4h9=c4h10+Dc8h17	4.00E+11	0.0	11400.0
1546.	nc8h18+ac3h5=c3h6+Ac8h17	1.20E+02	3.3	19840.0
1547.	nc8h18+ac3h5=c3h6+Bc8h17	8.00E+01	3.3	18170.0
1548.	nc8h18+ac3h5=c3h6+Cc8h17	8.00E+01	3.3	18170.0
1549.	nc8h18+ac3h5=c3h6+Dc8h17	8.00E+01	3.3	18170.0
1550.	Ac8h17=Ac6h13+c2h4	9.12E+11	0.3	27240.5
	Bc8h17=Ac5h11+c3h6	6.02E+10	0.8	27822.8
	Cc8h17=pc4h9+c4h8	2.04E+13	0.0	28496.5
	Cc8h17=ch3+c7h14-1	9.55E+09	1.1	29390.7
	Dc8h17=nc3h7+c5h10	5.49E+11	0.6	28087.1
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1555. Dc8h17=c2h5+c6h12-1
                                                                 8.51E+09 1.1
                                                                                       27025.9
1556. Ac8h17=h+c8h16-1
                                                                 1.24E+18 -1.5
                                                                                       37436.0
1557. Dc8h17=h+c8h16-3
                                                                 9.80E+14 -0.7 35922.0
1558. Dc8h17=h+c8h16-4
                                                                 5.14E+14 -0.7
                                                                                     35928.0
1559. Cc8h17=h+c8h16-3
                                                                 9.80E+14 -0.7
                                                                                     35922.0
1560. Cc8h17=h+c8h16-2
                                                                 1.46E+15 -0.7
                                                                                     36050.0
1561. Bc8h17=h+c8h16-2
                                                                                     36144.0
                                                                 2.16E+15 -0.7
                                                                 1.79E+18 -1.4 38332.0
1562. Bc8h17=h+c8h16-1
                                                                              0.0
1563. Ac8h17+o2=c8h16-1+ho2
                                                                 1.90E+12
                                                                                        5000.0
                                                                              0.0
                                                                                        5000.0
1564. Bc8h17+o2=c8h16-2+ho2
                                                                1.90E+12
                                                                8.00E+09
                                                                              0.0
1565. Bc8h17+o2=c8h16-1+ho2
                                                                                       -2000.0
                                                                1.80E+10
                                                                              0.0
                                                                                       -2000.0
1566. Cc8h17+o2=c8h16-2+ho2
                                                                1.80E+10 0.0
                                                                                       -2000.0
1567. Cc8h17+o2=c8h16-3+ho2
1568. Dc8h17+o2=c8h16-3+ho2
                                                                1.80E+10 0.0
                                                                                       -2000.0
                                                                              0.0
1569. Dc8h17+o2=c8h16-4+ho2
                                                                 1.80E+10
                                                                                        -2000.0
                                                                               3.1
                                                                                       11017.0
1570. Ac8h17=Cc8h17
                                                                 2.95E+00
                                                                             3.1
                                                                                       13074.0
          Reverse Arrhenius coefficients:
                                                                 3.31E+00
                                                                             4.0
1571. Ac8h17=Dc8h17
                                                                 6.52E-03
                                                                                         9665.0

      5.30E-04
      4.3
      11757.0

      1.86E+00
      3.3
      13199.0

      2.14E+01
      3.0
      13165.0

      1.41E+00
      3.3
      16146.0

      1.18E+00
      3.3
      16152.0

      2.50E+16
      0.0
      70000.0

      1.00E+16
      0.0
      71000.0

      1.00E+16
      0.0
      71000.0

      1.00E+13
      0.0
      71000.0

      1.00E+13
      0.0
      0.0

      1.00E+13
      0.0
      0.0

      1.00E+13
      0.0
      0.0

      2.50E+12
      1.0
      25000.0

      5.00E+12
      1.0
      25000.0

                                                                             4.3
          Reverse Arrhenius coefficients:
                                                                 5.30E-04
                                                                                       11757.0
1572. Bc8h17=Cc8h17
          Reverse Arrhenius coefficients:
1573. Bc8h17=Dc8h17
          Reverse Arrhenius coefficients:
1574. c8h16-1=ac3h5+Ac5h11
1575. c8h16-1=Dc4h7-1+pc4h9
1576. c8h16-1=Ec5h9-1+nc3h7
1577. c8h16-1=Fc6h11-1+c2h5
1578. Cc8h15-1+h=c8h16-1
1579. Dc8h15-2+h=c8h16-2
1580. Ec8h15-3+h=c8h16-3
1581. Ec8h15-3+h=c8h16-4
1582. c8h16-1+ho2=>oh+ch2o+c7h14-1
1583. c8h16-2+ho2=>oh+ch3hco+c6h12-1
1584. c8h16-2+ho2=>oh+c2h4+c5h11hco
1585. c8h16-3+ho2=>oh+ethco+c5h10
1586. c8h16-3+ho2=>oh+c3h6+nc4h9hco
1587. c8h16-4+ho2=>oh+nc3h7hco+c4h8
                                                               5.00E+12 1.0 25000.0
9.60E+10 0.0 8000.0
1588. c8h16-1+ch3=Ac6h13+c3h6
                                                                                        -900.0
1589. c8h16-1+oh=ch2o+Ac7h15
                                                                1.40E+12 0.0
1590. c8h16-1+oh=ch3+c6h13hco
                                                               1.40E+12 0.0
                                                                                        -900.0
1591. c8h16-2+oh=ch3hco+Ac6h13
                                                               1.40E+12 0.0
                                                                                        -900.0
1592. c8h16-2+oh=c2h5+c5h11hco
                                                               1.40E+12 0.0
                                                                                        -900.0
                                                               1.40E+12 0.0
1.40E+12 0.0
1593. c8h16-3+oh=ethco+Ac5h11
                                                                                        -900.0
1594. c8h16-3+oh=nc3h7+nc4h9hco
                                                                                        -900.0
                                                                2.80E+12 0.0
1595. c8h16-4+oh=nc3h7hco+pc4h9
                                                                                        -900.0
1596. c8h16-1+o=ch2o+c7h14-1
                                                                1.00E+11 0.0 -1050.0
1597. c8h16-2+o=ch3hco+c6h12-1
                                                                1.00E+11 0.0 -1050.0
1598. c8h16-2+o=c2h4+c5h11hco
                                                                1.00E+11 0.0
                                                                                       -1050.0
1599. c8h16-3+o=ethco+c5h10
                                                                1.00E+11 0.0
                                                                                       -1050.0
1600. c8h16-3+o=c3h6+nc4h9hco
                                                                1.00E+11 0.0
                                                                                       -1050.0
1601. c8h16-4+o=nc3h7hco+c4h8
                                                                2.00E+11 0.0
                                                                                       -1050.0
1602. c8h16-1+h=h2+Cc8h15-1
                                                                6.55E+12 0.0
                                                                                        4445.0
                                                                6.00E+13 0.0
1603. c8h16-1+oh=h2o+Cc8h15-1
                                                                                         1230.0
1604. c8h16-1+ho2=h2o2+Cc8h15-1
                                                                6.80E+03 2.5 10115.0
                                                                2.00E+11 0.0
1605. c8h16-1+ch3=ch4+Cc8h15-1
                                                                                        6800.0
                                                                                       5675.0
1606. c8h16-1+ch3o2=ch3o2h+Cc8h15-1
                                                                2.20E+00 3.5
                                                               1.00E+11 0.0 8300.0

4.00E+13 0.0 4000.0

1.00E+11 0.0 8300.0

2.00E+11 0.0 6800.0

1.70E+05 2.5 2490.0
1607. c8h16-1+c2h5=c2h6+Cc8h15-1
1608. c8h16-1+o=oh+Cc8h15-1
1609. c8h16-1+nc3h7=c3h8+Cc8h15-1
1610. c8h16-1+c2h3=c2h4+Cc8h15-1
1611. c8h16-2+h=h2+Cc8h15-1
```

1612.	c8h16-2+oh=h2o+Cc8h15-1	3.10E+06	2.0	-300.0
	c8h16-2+ho2=h2o2+Cc8h15-1	1.02E+04	2.5	12340.5
	c8h16-2+ch3=ch4+Cc8h15-1	2.20E+00	3.5	5675.0
	c8h16-2+ch3o2=ch3o2h+Cc8h15-1	2.20E+00	3.5	5675.0
	c8h16-2+c2h5=c2h6+Cc8h15-1	2.20E+00	3.5	6835.0
	c8h16-2+o=oh+Cc8h15-1	6.00E+10	0.7	7682.0
1618.	c8h16-2+h=h2+Dc8h15-2	1.70E+05	2.5	2490.0
1619.	c8h16-2+oh=h2o+Dc8h15-2	3.10E+06	2.0	-300.0
1620.	c8h16-2+ho2=h2o2+Dc8h15-2	6.80E+03	2.5	10115.0
1621.	c8h16-2+ch3=ch4+Dc8h15-2	2.20E+00	3.5	5675.0
	c8h16-2+ch3o2=ch3o2h+Dc8h15-2	2.20E+00	3.5	5675.0
	c8h16-2+c2h5=c2h6+Dc8h15-2	2.20E+00	3.5	6835.0
	c8h16-2+o=oh+Dc8h15-2	6.00E+10	0.7	7682.0
	c8h16-3+h=h2+Dc8h15-2	1.70E+05	2.5	2490.0
	c8h16-3+oh=h2o+Dc8h15-2	3.10E+06	2.0	-300.0
1627.	c8h16-3+ho2=h2o2+Dc8h15-2	6.80E+03	2.5	10115.0
1628.	c8h16-3+ch3=ch4+Dc8h15-2	2.20E+00	3.5	5675.0
1629.	c8h16-3+ch3o2=ch3o2h+Dc8h15-2	2.20E+00	3.5	5675.0
1630.	c8h16-3+c2h5=c2h6+Dc8h15-2	2.20E+00	3.5	6835.0
	c8h16-3+o=oh+Dc8h15-2	6.00E+10	0.7	7682.0
	c8h16-3+h=h2+Ec8h15-3	1.70E+05	2.5	2490.0
	c8h16-3+oh=h2o+Ec8h15-3	3.10E+06	2.0	-300.0
	c8h16-3+ho2=h2o2+Ec8h15-3	6.80E+03	2.5	
	c8h16-3+ch3=ch4+Ec8h15-3	2.20E+00	3.5	5675.0
1636.	c8h16-3+ch3o2=ch3o2h+Ec8h15-3	2.20E+00	3.5	5675.0
1637.	c8h16-3+c2h5=c2h6+Ec8h15-3	2.20E+00	3.5	6835.0
1638.	c8h16-3+o=oh+Ec8h15-3	6.00E+10	0.7	7682.0
	c8h16-4+h=h2+Ec8h15-3	3.40E+05		2490.0
	c8h16-4+oh=h2o+Ec8h15-3	6.20E+06	2.0	-300.0
	c8h16-4+ho2=h2o2+Ec8h15-3	1.34E+04	2.5	10115.0
			3.5	5675.0
	c8h16-4+ch3=ch4+Ec8h15-3	4.40E+00		
	c8h16-4+ch3o2=ch3o2h+Ec8h15-3	4.40E+00	3.5	5675.0
	c8h16-4+c2h5=c2h6+Ec8h15-3	4.40E+00	3.5	6835.0
	c8h16-4+o=oh+Ec8h15-3	1.20E+11	0.7	7682.0
1646.	Cc8h15-1=c4h6+pc4h9	1.34E+15	-0.5	38320.0
1647.	Cc8h15-1+ho2=>oh+acrol+Ac5h11	1.00E+12	0.0	8000.0
1648.	Dc8h15-2=c5h8-13+nc3h7	2.50E+13	0.0	35000.0
	Ec8h15-3=c6h10-13+c2h5	2.50E+13	0.0	35000.0
	c8h16-1+oh=c8h16rohAB	2.76E+12	0.0	-1042.0
	c8h16rohAB+o2=c8h16qjohAB	1.00E+12	0.0	-1100.0
	c8h16qjohAB=>oh+ch2o+c6h13hco	1.00E+12	0.0	28680.0
	c8h16-2+oh=c8h16rohBC	2.76E+12	0.0	-1042.0
	c8h16rohBC+o2=c8h16qjohBC	1.00E+12	0.0	-1100.0
1655.	c8h16qjohBC=>oh+ch3hco+c5h11hco	1.00E+12	0.0	28680.0
1656.	c8h16-3+oh=c8h16rohCD	2.76E+12	0.0	-1042.0
1657.	c8h16rohCD+o2=c8h16qjohCD	1.00E+12	0.0	-1100.0
	c8h16qjohCD=>oh+ethco+nc4h9hco	1.00E+12	0.0	28680.0
	c8h16-4+oh=c8h16rohDE	2.76E+12	0.0	-1042.0
	c8h16rohDE+o2=c8h16qjohDE	1.00E+12	0.0	-1100.0
	==-			
	c8h16qjohDE=>oh+nc3h7hco+nc3h7hco	1.00E+12	0.0	28680.0
	ac3h5+Ec5h9-1=c8h14	1.00E+13	0.0	0.0
	Dc4h7-1+Dc4h7-1=c8h14	1.00E+13	0.0	0.0
1664.	c7h15hco+h=h2+c7h15co	4.00E+13	0.0	4200.0
1665.	c7h15hco+oh=h2o+c7h15co	4.20E+12	0.0	500.0
1666.	c7h15hco+ho2=h2o2+c7h15co	1.00E+12	0.0	10000.0
1667.	c7h15hco+ch3=ch4+c7h15co	2.00E-06	5.6	2500.0
	c7h15hco+c2h5=c2h6+c7h15co	1.30E+12	0.0	8500.0
	c7h15co+M=co+Ac7h15+M	8.64E+15	0.0	14400.0
	c7h15co+ho2=>co2+oh+Ac7h15	2.00E+13	0.0	0.0
	Hc8h15-1=Fc6h11-1+c2h4		0.0	29400.0
		2.00E+13		
⊥0/∠.	nc9h20=pc4h9+Ac5h11	2.00E+17	0.0	83180.0

1673.	nc9h20=nc3h7+Ac6h13	2.00E+17	0.0	83400.0
1674.	nc9h20=c2h5+Ac7h15	2.00E+17	0.0	83680.0
1675.	nc9h20=ch3+Ac8h17	2.00E+17	0.0	85570.0
	nc9h20=h+Ac9h19	9.61E+14	0.5	97289.0
	nc9h20=h+Bc9h19	1.07E+12	1.3	96900.0
	nc9h20=h+Bc9h19			
		1.55E+12	1.2	96992.0
	nc9h20=h+Dc9h19	1.55E+12	1.2	96992.0
1680.	nc9h20=h+Ec9h19	1.55E+12	1.2	96992.0
1681.	nc9h20+o2=ho2+Ac9h19	4.00E+13	0.0	50870.0
1682.	nc9h20+o2=ho2+Bc9h19	8.00E+13	0.0	47690.0
1683.	nc9h20+o2=ho2+Cc9h19	8.00E+13	0.0	47690.0
1684.	nc9h20+o2=ho2+Dc9h19	8.00E+13	0.0	47690.0
	nc9h20+o2=ho2+Ec9h19	4.00E+13	0.0	47690.0
	nc9h20+oh=h2o+Ac9h19	1.05E+10	1.0	1590.0
	nc9h20+oh=h2o+Bc9h19	9.36E+07	1.6	
				-35.0
	nc9h20+oh=h2o+Cc9h19	9.36E+07	1.6	-35.0
	nc9h20+oh=h2o+Dc9h19	9.36E+07	1.6	-35.0
	nc9h20+oh=h2o+Ec9h19	4.68E+07	1.6	-35.0
1691.	nc9h20+ho2=h2o2+Ac9h19	3.60E+04	2.5	16683.0
1692.	nc9h20+ho2=h2o2+Bc9h19	4.00E+04	2.5	14208.0
1693.	nc9h20+ho2=h2o2+Cc9h19	4.00E+04	2.5	14208.0
1694.	nc9h20+ho2=h2o2+Dc9h19	4.00E+04	2.5	14208.0
	nc9h20+ho2=h2o2+Ec9h19	2.00E+04	2.5	14208.0
	nc9h20+h=h2+Ac9h19	5.70E+07	2.0	7700.0
	nc9h20+h=h2+Bc9h19	1.80E+07	2.0	5000.0
	nc9h20+h=h2+Cc9h19	1.80E+07	2.0	5000.0
	nc9h20+h=h2+Dc9h19	1.80E+07	2.0	5000.0
	nc9h20+h=h2+Ec9h19	9.00E+06	2.0	5000.0
	o+nc9h20=oh+Ac9h19	1.00E+14	0.0	7850.0
	o+nc9h20=oh+Bc9h19	5.20E+13	0.0	5200.0
1703.	o+nc9h20=oh+Cc9h19	5.20E+13	0.0	5200.0
1704.	o+nc9h20=oh+Dc9h19	5.20E+13	0.0	5200.0
1705.	o+nc9h20=oh+Ec9h19	2.60E+13	0.0	5200.0
1706.	nc9h20+ch3=ch4+Ac9h19	6.00E-01	4.0	8200.0
1707.	nc9h20+ch3=ch4+Bc9h19	4.00E+11	0.0	9600.0
	nc9h20+ch3=ch4+Cc9h19	4.00E+11	0.0	9600.0
	nc9h20+ch3=ch4+Dc9h19	4.00E+11	0.0	9600.0
	nc9h20+ch3=ch4+Ec9h19	2.00E+11	0.0	9600.0
	nc9h20+c2h5=c2h6+Ac9h19	6.00E+11	0.0	13500.0
	nc9h20+c2h5=c2h6+Bc9h19		0.0	
		4.00E+11		11000.0
	nc9h20+c2h5=c2h6+Cc9h19	4.00E+11	0.0	11000.0
	nc9h20+c2h5=c2h6+Dc9h19	4.00E+11	0.0	11000.0
	nc9h20+c2h5=c2h6+Ec9h19	2.00E+11	0.0	11000.0
	nc9h20+hco=ch2o+Ac9h19	2.00E+05	2.5	18500.0
1717.	nc9h20+hco=ch2o+Bc9h19	2.20E+07	1.9	17000.0
1718.	nc9h20+hco=ch2o+Cc9h19	2.20E+07	1.9	17000.0
1719.	nc9h20+hco=ch2o+Dc9h19	2.20E+07	1.9	17000.0
	nc9h20+hco=ch2o+Ec9h19	1.10E+07	1.9	17000.0
	nc9h20+ch3o=ch3oh+Ac9h19	3.20E+11	0.0	7300.0
	nc9h20+ch3o=ch3oh+Bc9h19	2.90E+11	0.0	4500.0
	nc9h20+ch3o=ch3oh+Cc9h19	2.90E+11	0.0	4500.0
	nc9h20+ch3o=ch3oh+Dc9h19	2.90E+11	0.0	4500.0
	nc9h20+ch3o=ch3oh+Ec9h19	1.45E+11	0.0	4500.0
	nc9h20+ch2oh=ch3oh+Ac9h19	2.00E+02	3.0	14000.0
	nc9h20+ch2oh=ch3oh+Bc9h19	1.20E+02	3.0	12000.0
	nc9h20+ch2oh=ch3oh+Cc9h19	1.20E+02	3.0	12000.0
	nc9h20+ch2oh=ch3oh+Dc9h19	1.20E+02	3.0	12000.0
1730.	nc9h20+ch2oh=ch3oh+Ec9h19	6.00E+01	3.0	12000.0
1731.	nc9h20+ch3o2=ch3o2h+Ac9h19	1.20E+13	0.0	20000.0
1732.	nc9h20+ch3o2=ch3o2h+Bc9h19	6.00E+12	0.0	17500.0
	nc9h20+ch3o2=ch3o2h+Cc9h19	6.00E+12	0.0	17500.0
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1734.	nc9h20+ch3o2=ch3o2h+Dc9h19	6.00E+12	0.0	17500.0
1735.	nc9h20+ch3o2=ch3o2h+Ec9h19	3.00E+12	0.0	17500.0
1736	nc9h20+ch2hco=ch3hco+Ac9h19	6.00E+11	0.0	13700.0
	nc9h20+ch2hco=ch3hco+Bc9h19	4.00E+11	0.0	11400.0
	nc9h20+ch2hco=ch3hco+Cc9h19	4.00E+11	0.0	11400.0
	nc9h20+ch2hco=ch3hco+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+ch2hco=ch3hco+Ec9h19	2.00E+11	0.0	11400.0
1741.	nc9h20+ch3co=ch3hco+Ac9h19	3.00E+11	0.0	15000.0
	nc9h20+ch3co=ch3hco+Bc9h19	2.00E+11	0.0	12700.0
	nc9h20+ch3co=ch3hco+Cc9h19	2.00E+11	0.0	12700.0
	nc9h20+ch3co=ch3hco+Dc9h19	2.00E+11 2.00E+11	0.0	12700.0
	nc9h20+ch3co=ch3hco+Ec9h19	1.00E+11	0.0	12700.0
	nc9h20+nc3h7=c3h8+Ac9h19	6.00E+11	0.0	13700.0
1747.	nc9h20+nc3h7=c3h8+Bc9h19	4.00E+11	0.0	11400.0
1748.	nc9h20+nc3h7=c3h8+Cc9h19	4.00E+11	0.0	11400.0
1749.	nc9h20+nc3h7=c3h8+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+nc3h7=c3h8+Ec9h19	2.00E+11	0.0	11400.0
	nc9h20+pc4h9=c4h10+Ac9h19	6.00E+11	0.0	13700.0
	nc9h20+pc4h9=c4h10+Bc9h19	4.00E+11	0.0	11400.0
	nc9h20+pc4h9=c4h10+Cc9h19	4.00E+11	0.0	11400.0
1754.	nc9h20+pc4h9=c4h10+Dc9h19	4.00E+11	0.0	11400.0
1755.	nc9h20+pc4h9=c4h10+Ec9h19	2.00E+11	0.0	11400.0
	nc9h20+Ac5h11=nc5h12+Ac9h19	6.00E+11	0.0	13700.0
	nc9h20+Ac5h11=nc5h12+Bc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac5h11=nc5h12+Cc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac5h11=nc5h12+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac5h11=nc5h12+Ec9h19	2.00E+11	0.0	11400.0
1761.	nc9h20+Ac6h13=c6h14+Ac9h19	6.00E+11	0.0	13700.0
1762.	nc9h20+Ac6h13=c6h14+Bc9h19	4.00E+11	0.0	11400.0
1763.	nc9h20+Ac6h13=c6h14+Cc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac6h13=c6h14+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac6h13=c6h14+Ec9h19	2.00E+11	0.0	11400.0
			0.0	
	nc9h20+Ac7h15=nc7h16+Ac9h19	6.00E+11		13700.0
	nc9h20+Ac7h15=nc7h16+Bc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac7h15=nc7h16+Cc9h19	4.00E+11	0.0	11400.0
1769.	nc9h20+Ac7h15=nc7h16+Dc9h19	4.00E+11	0.0	11400.0
1770.	nc9h20+Ac7h15=nc7h16+Ec9h19	2.00E+11	0.0	11400.0
1771.	nc9h20+Ac8h17=nc8h18+Ac9h19	6.00E+11	0.0	13700.0
	nc9h20+Ac8h17=nc8h18+Bc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac8h17=nc8h18+Cc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac8h17=nc8h18+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac8h17=nc8h18+Ec9h19	2.00E+11	0.0	11400.0
	nc9h20+Ac9h19=nc9h20+Bc9h19	4.00E+11	0.0	11400.0
1777.	nc9h20+Ac9h19=nc9h20+Cc9h19	4.00E+11	0.0	11400.0
1778.	nc9h20+Ac9h19=nc9h20+Dc9h19	4.00E+11	0.0	11400.0
	nc9h20+Ac9h19=nc9h20+Ec9h19	2.00E+11	0.0	11400.0
	nc9h20+Bc9h19=nc9h20+Cc9h19	4.00E+11	0.0	12400.0
	nc9h20+Bc9h19=nc9h20+Dc9h19	4.00E+11	0.0	12400.0
	nc9h20+Bc9h19=nc9h20+Ec9h19	2.00E+11	0.0	12400.0
1783.	nc9h20+Cc9h19=nc9h20+Dc9h19	4.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
1784.	nc9h20+Cc9h19=nc9h20+Ec9h19	2.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
1785	nc9h20+Dc9h19=nc9h20+Ec9h19	2.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
1706				
	nc9h20+o2cho=Ac9h19+ho2cho	1.68E+13	0.0	20440.0
	nc9h20+o2cho=Bc9h19+ho2cho	1.12E+13	0.0	17690.0
	nc9h20+o2cho=Cc9h19+ho2cho	1.12E+13	0.0	17690.0
1789.	nc9h20+o2cho=Dc9h19+ho2cho	1.12E+13	0.0	17690.0
1790.	nc9h20+o2cho=Ec9h19+ho2cho	5.60E+12	0.0	17690.0
1791.	Ac9h19=Ac7h15+c2h4	9.12E+11	0.3	27240.5
			-	

1792.	Bc9h19=Ac6h13+c3h6	6.02E+10	0.8	27822.8
1793	Cc9h19=Ac5h11+c4h8	2.04E+13	0.0	28496.5
	Cc9h19=ch3+c8h16-1	9.55E+09	1.1	29390.7
	Dc9h19=pc4h9+c5h10	2.04E+13	0.0	28496.5
	Dc9h19=c2h5+c7h14-1	8.51E+09	1.1	27025.9
1797.	Ec9h19=nc3h7+c6h12-1	5.49E+11	0.6	28087.1
1798.	Ac9h19=h+c9h18-1	1.28E+12	0.2	38372.0
	Bc9h19=h+c9h18-1	1.95E+15	-0.6	
	Bc9h19=h+c9h18-2			
		-		
	Cc9h19=h+c9h18-2	1.89E+15		36028.0
1802.	Cc9h19=h+c9h18-3	1.08E+15	-0.7	35875.0
1803.	Dc9h19=h+c9h18-3	1.08E+15	-0.7	35875.0
1804.	Dc9h19=h+c9h18-4	1.08E+15	-0.7	35875.0
1805.	Ec9h19=h+c9h18-4	2.11E+15	-0.6	35872.0
	Ac9h19+o2=c9h18-1+ho2	1.90E+12	0.0	5000.0
	Bc9h19+o2=c9h18-2+ho2	1.90E+12	0.0	5000.0
	Bc9h19+o2=c9h18-1+ho2	1.80E+10	0.0	-2000.0
1809.	Cc9h19+o2=c9h18-2+ho2	1.80E+10	0.0	-2000.0
1810.	Cc9h19+o2=c9h18-3+ho2	1.80E+10	0.0	-2000.0
1811.	Dc9h19+o2=c9h18-3+ho2	1.80E+10	0.0	-2000.0
1812.	Dc9h19+o2=c9h18-4+ho2	1.80E+10	0.0	-2000.0
	Ec9h19+o2=c9h18-4+ho2	1.80E+10	0.0	-2000.0
	Ac9h19=Dc9h19			
1814.		6.38E-04	4.3	9944.0
	Reverse Arrhenius coefficients:	2.08E-03	4.1	12085.0
1815.	Ac9h19=Ec9h19	2.29E+01	2.8	10757.0
	Reverse Arrhenius coefficients:	2.72E+00	3.2	12849.0
1816.	Bc9h19=Cc9h19	2.95E+00	3.1	11017.0
	Reverse Arrhenius coefficients:	2.95E+00	3.1	11017.0
1017	Bc9h19=Dc9h19	1.86E+00	3.3	13199.0
1017.				
	Reverse Arrhenius coefficients:	1.86E+00	3.3	13199.0
1818.	Bc9h19=Ec9h19	1.41E+00	3.3	16146.0
	Reverse Arrhenius coefficients:	2.82E+00	3.3	16146.0
1819.	Cc9h19=Dc9h19	1.41E+00	3.3	16146.0
	Reverse Arrhenius coefficients:	1.41E+00	3.3	16146.0
1820.	c9h18-1+ch3=Ac7h15+c3h6	9.60E+10	0.0	8000.0
	c9h18-1+oh=ch3+c7h15hco	1.00E+12	0.0	0.0
		1.00E+12		
	c9h18-1+oh=ch2o+Ac8h17		0.0	0.0
	c9h18-2+oh=c2h5+c6h13hco	1.00E+12	0.0	0.0
	c9h18-2+oh=ch3hco+Ac7h15	1.00E+12	0.0	0.0
1825.	c9h18-3+oh=nc3h7+c5h11hco	1.00E+12	0.0	0.0
1826.	c9h18-3+oh=ethco+Ac6h13	1.00E+12	0.0	0.0
1827.	c9h18-4+oh=pc4h9+nc4h9hco	1.00E+12	0.0	0.0
	c9h18-4+oh=nc3h7hco+Ac5h11	1.00E+12	0.0	0.0
	c9h18-1+o=ch2o+c8h16-1	3.40E+07	1.8	550.0
	c9h18-2+o=ch3hco+c7h14-1	3.40E+07	1.8	550.0
	c9h18-2+o=c2h4+c6h13hco	3.40E+07	1.8	550.0
1832.	c9h18-3+o=ethco+c6h12-1	3.40E+07	1.8	550.0
1833.	c9h18-3+o=c3h6+c5h11hco	3.40E+07	1.8	550.0
1834.	c9h18-4+o=nc3h7hco+c5h10	3.40E+07	1.8	550.0
	c9h18-4+o=c4h8+nc4h9hco	3.40E+07	1.8	550.0
	c9h18-1+h=h2+Cc9h17-1	1.70E+05	2.5	
				2490.0
	c9h18-1+oh=h2o+Cc9h17-1	3.10E+06	2.0	-300.0
1838.	c9h18-1+ho2=h2o2+Cc9h17-1	6.80E+03	2.5	10115.0
1839.	c9h18-1+ch3=ch4+Cc9h17-1	2.20E+00	3.5	5675.0
1840.	c9h18-1+ch3o2=ch3o2h+Cc9h17-1	2.20E+00	3.5	5675.0
	c9h18-1+c2h5=c2h6+Cc9h17-1	2.20E+00	3.5	6835.0
	c9h18-1+o=oh+Cc9h17-1	6.00E+10	0.7	7682.0
	c9h18-2+h=h2+Cc9h17-1	1.70E+05	2.5	2490.0
	c9h18-2+oh=h2o+Cc9h17-1	3.10E+06	2.0	-300.0
	c9h18-2+ho2=h2o2+Cc9h17-1	1.02E+04	2.5	12340.5
1846.	c9h18-2+ch3=ch4+Cc9h17-1	2.20E+00	3.5	5675.0

1847.	c9h18-2+ch3o2=ch3o2h+Cc9h17-1	2.20E+00	3.5	5675.0
1848	c9h18-2+c2h5=c2h6+Cc9h17-1	2.20E+00	3.5	6835.0
	c9h18-2+o=oh+Cc9h17-1	6.00E+10	0.7	7682.0
	c9h18-2+h=h2+Dc9h17-2	1.70E+05	2.5	2490.0
	c9h18-2+oh=h2o+Dc9h17-2	3.10E+06	2.0	-300.0
1852.	c9h18-2+ho2=h2o2+Dc9h17-2	6.80E+03	2.5	10115.0
1853.	c9h18-2+ch3=ch4+Dc9h17-2	2.20E+00	3.5	5675.0
1854.	c9h18-2+ch3o2=ch3o2h+Dc9h17-2	2.20E+00	3.5	5675.0
	c9h18-2+c2h5=c2h6+Dc9h17-2	2.20E+00	3.5	6835.0
	c9h18-2+o=oh+Dc9h17-2	6.00E+10	0.7	7682.0
	c9h18-3+h=h2+Dc9h17-2	1.70E+05	2.5	2490.0
1858.	c9h18-3+oh=h2o+Dc9h17-2	3.10E+06	2.0	-300.0
1859.	c9h18-3+ho2=h2o2+Dc9h17-2	6.80E+03	2.5	10115.0
1860.	c9h18-3+ch3=ch4+Dc9h17-2	2.20E+00	3.5	5675.0
	c9h18-3+ch3o2=ch3o2h+Dc9h17-2	2.20E+00	3.5	5675.0
	c9h18-3+c2h5=c2h6+Dc9h17-2	2.20E+00	3.5	6835.0
	c9h18-3+o=oh+Dc9h17-2	6.00E+10	0.7	7682.0
	c9h18-3+h=h2+Ec9h17-3	1.70E+05	2.5	2490.0
1865.	c9h18-3+oh=h2o+Ec9h17-3	3.10E+06	2.0	-300.0
1866.	c9h18-3+ho2=h2o2+Ec9h17-3	6.80E+03	2.5	10115.0
1867.	c9h18-3+ch3=ch4+Ec9h17-3	2.20E+00	3.5	5675.0
	c9h18-3+ch3o2=ch3o2h+Ec9h17-3	2.20E+00	3.5	5675.0
	c9h18-3+c2h5=c2h6+Ec9h17-3	2.20E+00	3.5	
				6835.0
	c9h18-3+o=oh+Ec9h17-3	6.00E+10	0.7	7682.0
1871.	c9h18-4+h=h2+Ec9h17-3	1.70E+05	2.5	2490.0
1872.	c9h18-4+oh=h2o+Ec9h17-3	3.10E+06	2.0	-300.0
1873.	c9h18-4+ho2=h2o2+Ec9h17-3	6.80E+03	2.5	10115.0
1874.	c9h18-4+ch3=ch4+Ec9h17-3	2.20E+00	3.5	5675.0
	c9h18-4+ch3o2=ch3o2h+Ec9h17-3	2.20E+00	3.5	5675.0
	c9h18-4+c2h5=c2h6+Ec9h17-3	2.20E+00	3.5	6835.0
	c9h18-4+o=oh+Ec9h17-3	6.00E+10	0.7	7682.0
	c9h18-4+h=h2+Fc9h17-4	1.70E+05	2.5	2490.0
1879.	c9h18-4+oh=h2o+Fc9h17-4	3.10E+06	2.0	-300.0
1880.	c9h18-4+ho2=h2o2+Fc9h17-4	6.80E+03	2.5	10115.0
1881.	c9h18-4+ch3=ch4+Fc9h17-4	2.20E+00	3.5	5675.0
	c9h18-4+ch3o2=ch3o2h+Fc9h17-4	2.20E+00	3.5	5675.0
	c9h18-4+c2h5=c2h6+Fc9h17-4	2.20E+00	3.5	6835.0
	c9h18-4+o=oh+Fc9h17-4	6.00E+10	0.7	7682.0
	Cc9h17-1=c4h6+Ac5h11	2.50E+13	0.0	35000.0
	Cc9h17-1+h=c9h18-1	1.00E+13	0.0	0.0
1887.	Cc9h17-1+ho2=oh+acrol+Ac6h13	1.00E+12	0.0	8000.0
1888.	Dc9h17-2=c5h8-13+pc4h9	2.50E+13	0.0	35000.0
	Ec9h17-3=c6h10-13+nc3h7	2.50E+13	0.0	35000.0
	Fc9h17-4=c7h12-13+c2h5	2.50E+13	0.0	35000.0
	Dc4h7-1+Ec5h9-1=c9h16	1.00E+13	0.0	0.0
	c8h17hco+h=h2+c8h17co	4.00E+13	0.0	4200.0
	c8h17hco+oh=h2o+c8h17co	4.20E+12	0.0	500.0
1894.	c8h17hco+ho2=h2o2+c8h17co	1.00E+12	0.0	10000.0
1895.	c8h17hco+ch3=ch4+c8h17co	2.00E-06	5.6	2500.0
1896.	c8h17hco+c2h5=c2h6+c8h17co	1.30E+12	0.0	8500.0
1897.	c8h17co=>co+Ac8h17	2.00E+13	0.0	28700.0
	c8h17co+ho2=>co2+oh+Ac8h17	2.00E+13	0.0	0.0
	nc10h22=Ac5h11+Ac5h11	2.00E+17	0.0	83180.0
	nc10h22=pc4h9+Ac6h13	2.00E+17	0.0	83180.0
	nc10h22=nc3h7+Ac7h15	2.00E+17	0.0	83400.0
	nc10h22=c2h5+Ac8h17	2.00E+17	0.0	83680.0
1903.	nc10h22=ch3+Ac9h19	2.00E+17	0.0	85570.0
1904.	nc10h22=h+Ac10h21	1.10E+14	0.8	96940.0
	nc10h22=h+Bc10h21	3.41E+15	0.3	97203.0
	nc10h22=h+Cc10h21	3.75E+15	0.3	97191.0
	nc10h22=h+Dc10h21	3.75E+15	0.3	97191.0
101.	110101122-11   DC101121	J. / JETIJ	0.3	J / ± 9 ± • U

1908.	nc10h22=h+Ec10h21	3.75E+15	0.3	97191.0
1909.	nc10h22+o2=ho2+Ac10h21	4.00E+13	0.0	50870.0
1910.	nc10h22+o2=ho2+Bc10h21	8.00E+13	0.0	47690.0
1911.	nc10h22+o2=ho2+Cc10h21	8.00E+13	0.0	47690.0
1912.	nc10h22+o2=ho2+Dc10h21	8.00E+13	0.0	47690.0
1913.	nc10h22+o2=ho2+Ec10h21	8.00E+13	0.0	47690.0
1914.	nc10h22+oh=h2o+Ac10h21	1.05E+10	1.0	1590.0
	nc10h22+oh=h2o+Bc10h21	9.36E+07	1.6	-35.0
	nc10h22+oh=h2o+Cc10h21	9.36E+07	1.6	-35.0
	nc10h22+oh=h2o+Dc10h21	9.36E+07	1.6	-35.0
	nc10h22+oh=h2o+Ec10h21	9.36E+07	1.6	-35.0
	nc10h22+h02=h2o2+Ac10h21	3.60E+04	2.5	16683.0
	nc10h22+h02=h2o2+Bc10h21	4.00E+04		
			2.5	14208.0
	nc10h22+h02=h2o2+Cc10h21	4.00E+04	2.5	14208.0
	nc10h22+h02=h2o2+Dc10h21	4.00E+04	2.5	14208.0
	nc10h22+ho2=h2o2+Ec10h21	4.00E+04	2.5	14208.0
	nc10h22+h=h2+Ac10h21	5.70E+07	2.0	7700.0
	nc10h22+h=h2+Bc10h21	1.80E+07	2.0	5000.0
1926.	nc10h22+h=h2+Cc10h21	1.80E+07	2.0	5000.0
1927.	nc10h22+h=h2+Dc10h21	1.80E+07	2.0	5000.0
1928.	nc10h22+h=h2+Ec10h21	1.80E+07	2.0	5000.0
1929.	o+nc10h22=oh+Ac10h21	1.00E+14	0.0	7850.0
1930.	o+nc10h22=oh+Bc10h21	5.20E+13	0.0	5200.0
1931.	o+nc10h22=oh+Cc10h21	5.20E+13	0.0	5200.0
1932.	o+nc10h22=oh+Dc10h21	5.20E+13	0.0	5200.0
	o+nc10h22=oh+Ec10h21	5.20E+13	0.0	5200.0
	nc10h22+ch3=ch4+Ac10h21	6.00E-01	4.0	8200.0
	nc10h22+ch3=ch4+Bc10h21	4.00E+11	0.0	9600.0
	nc10h22+ch3=ch4+Cc10h21	4.00E+11	0.0	9600.0
	nc10h22+ch3=ch4+Dc10h21	4.00E+11 4.00E+11	0.0	9600.0
	nc10h22+ch3=ch4+Ec10h21	4.00E+11 4.00E+11	0.0	9600.0
	nc10h22+c2h5=c2h6+Ac10h21	6.00E+11	0.0	13500.0
	nc10h22+c2h5=c2h6+Bc10h21	4.00E+11	0.0	11000.0
	nc10h22+c2h5=c2h6+Cc10h21	4.00E+11	0.0	11000.0
	nc10h22+c2h5=c2h6+Dc10h21	4.00E+11	0.0	11000.0
	nc10h22+c2h5=c2h6+Ec10h21	4.00E+11	0.0	11000.0
	nc10h22+hco=ch2o+Ac10h21	2.00E+05	2.5	18500.0
	nc10h22+hco=ch2o+Bc10h21	2.20E+07	1.9	17000.0
1946.	nc10h22+hco=ch2o+Cc10h21	2.20E+07	1.9	17000.0
1947.	nc10h22+hco=ch2o+Dc10h21	2.20E+07	1.9	17000.0
1948.	nc10h22+hco=ch2o+Ec10h21	2.20E+07	1.9	17000.0
1949.	nc10h22+ch3o=ch3oh+Ac10h21	3.20E+11	0.0	7300.0
1950.	nc10h22+ch3o=ch3oh+Bc10h21	2.90E+11	0.0	4500.0
1951.	nc10h22+ch3o=ch3oh+Cc10h21	2.90E+11	0.0	4500.0
1952.	nc10h22+ch3o=ch3oh+Dc10h21	2.90E+11	0.0	4500.0
	nc10h22+ch3o=ch3oh+Ec10h21	2.90E+11	0.0	4500.0
	nc10h22+ch2oh=ch3oh+Ac10h21	2.00E+02	3.0	14000.0
	nc10h22+ch2oh=ch3oh+Bc10h21	1.20E+02	3.0	12000.0
	nc10h22+ch2oh=ch3oh+Cc10h21	1.20E+02	3.0	12000.0
	nc10h22+ch2oh=ch3oh+Dc10h21	1.20E+02	3.0	12000.0
	nc10h22+ch2oh=ch3oh+Ec10h21	1.20E+02	3.0	12000.0
	nc10h22+ch3o2=ch3o2h+Ac10h21	1.20E+02 1.20E+13	0.0	20000.0
	nc10h22+ch3o2=ch3o2h+Ac10h21 nc10h22+ch3o2=ch3o2h+Bc10h21	6.00E+12	0.0	17500.0
	nc10h22+ch3o2=ch3o2h+Cc10h21	6.00E+12	0.0	17500.0
	nc10h22+ch3o2=ch3o2h+Dc10h21	6.00E+12	0.0	17500.0
	nc10h22+ch3o2=ch3o2h+Ec10h21	6.00E+12	0.0	17500.0
	nc10h22+ch2hco=ch3hco+Ac10h21	6.00E+11	0.0	13700.0
	nc10h22+ch2hco=ch3hco+Bc10h21	4.00E+11	0.0	11400.0
	nc10h22+ch2hco=ch3hco+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+ch2hco=ch3hco+Dc10h21	4.00E+11	0.0	11400.0
1968.	nc10h22+ch2hco=ch3hco+Ec10h21	4.00E+11	0.0	11400.0

1969.	nc10h22+ch3co=ch3hco+Ac10h21	3.00E+11	0.0	15000.0
1970.	nc10h22+ch3co=ch3hco+Bc10h21	2.00E+11	0.0	12700.0
	nc10h22+ch3co=ch3hco+Cc10h21	2.00E+11	0.0	12700.0
			0.0	12700.0
	nc10h22+ch3co=ch3hco+Dc10h21	2.00E+11		
	nc10h22+ch3co=ch3hco+Ec10h21	2.00E+11	0.0	12700.0
1974.	nc10h22+nc3h7=c3h8+Ac10h21	6.00E+11	0.0	13700.0
1975.	nc10h22+nc3h7=c3h8+Bc10h21	4.00E+11	0.0	11400.0
1976	nc10h22+nc3h7=c3h8+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+nc3h7=c3h8+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+nc3h7=c3h8+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+pc4h9=c4h10+Ac10h21	6.00E+11	0.0	13700.0
1980.	nc10h22+pc4h9=c4h10+Bc10h21	4.00E+11	0.0	11400.0
1981.	nc10h22+pc4h9=c4h10+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+pc4h9=c4h10+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+pc4h9=c4h10+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac5h11=nc5h12+Ac10h21	6.00E+11	0.0	13700.0
1985.	nc10h22+Ac5h11=nc5h12+Bc10h21	4.00E+11	0.0	11400.0
1986.	nc10h22+Ac5h11=nc5h12+Cc10h21	4.00E+11	0.0	11400.0
1987.	nc10h22+Ac5h11=nc5h12+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac5h11=nc5h12+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac6h13=c6h14+Ac10h21		0.0	13700.0
		6.00E+11		
	nc10h22+Ac6h13=c6h14+Bc10h21	4.00E+11	0.0	11400.0
1991.	nc10h22+Ac6h13=c6h14+Cc10h21	4.00E+11	0.0	11400.0
1992.	nc10h22+Ac6h13=c6h14+Dc10h21	4.00E+11	0.0	11400.0
1993.	nc10h22+Ac6h13=c6h14+Ec10h21	4.00E+11	0.0	11400.0
1994	nc10h22+Ac7h15=nc7h16+Ac10h21	6.00E+11	0.0	13700.0
	nc10h22+Ac7h15=nc7h16+Bc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac7h15=nc7h16+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac7h15=nc7h16+Dc10h21	4.00E+11	0.0	11400.0
1998.	nc10h22+Ac7h15=nc7h16+Ec10h21	4.00E+11	0.0	11400.0
1999.	nc10h22+Ac8h17=nc8h18+Ac10h21	6.00E+11	0.0	13700.0
2000.	nc10h22+Ac8h17=nc8h18+Bc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac8h17=nc8h18+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac8h17=nc8h18+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac8h17=nc8h18+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac9h19=nc9h20+Ac10h21	6.00E+11	0.0	13700.0
2005.	nc10h22+Ac9h19=nc9h20+Bc10h21	4.00E+11	0.0	11400.0
2006.	nc10h22+Ac9h19=nc9h20+Cc10h21	4.00E+11	0.0	11400.0
2007.	nc10h22+Ac9h19=nc9h20+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+Ac9h19=nc9h20+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+Bc9h19=nc9h20+Ac10h21	6.00E+11	0.0	14700.0
	nc10h22+Bc9h19=nc9h20+Bc10h21	4.00E+11	0.0	12400.0
	nc10h22+Bc9h19=nc9h20+Cc10h21	4.00E+11	0.0	12400.0
2012.	nc10h22+Bc9h19=nc9h20+Dc10h21	4.00E+11	0.0	12400.0
2013.	nc10h22+Bc9h19=nc9h20+Ec10h21	4.00E+11	0.0	12400.0
2014.	nc10h22+Cc9h19=nc9h20+Ac10h21	6.00E+11	0.0	14700.0
	nc10h22+Cc9h19=nc9h20+Bc10h21	4.00E+11	0.0	12400.0
	nc10h22+Cc9h19=nc9h20+Cc10h21	4.00E+11	0.0	12400.0
	nc10h22+Cc9h19=nc9h20+Dc10h21	4.00E+11	0.0	12400.0
	nc10h22+Cc9h19=nc9h20+Ec10h21	4.00E+11	0.0	12400.0
2019.	nc10h22+Dc9h19=nc9h20+Ac10h21	6.00E+11	0.0	14700.0
2020.	nc10h22+Dc9h19=nc9h20+Bc10h21	4.00E+11	0.0	12400.0
2021.	nc10h22+Dc9h19=nc9h20+Cc10h21	4.00E+11	0.0	12400.0
	nc10h22+Dc9h19=nc9h20+Dc10h21	4.00E+11	0.0	12400.0
	nc10h22+Dc9h19=nc9h20+Ec10h21	4.00E+11	0.0	12400.0
	nc10h22+Ec9h19=nc9h20+Ac10h21	6.00E+11	0.0	14700.0
	nc10h22+Ec9h19=nc9h20+Bc10h21	4.00E+11	0.0	12400.0
2026.	nc10h22+Ec9h19=nc9h20+Cc10h21	4.00E+11	0.0	12400.0
2027.	nc10h22+Ec9h19=nc9h20+Dc10h21	4.00E+11	0.0	12400.0
2028.	nc10h22+Ec9h19=nc9h20+Ec10h21	4.00E+11	0.0	12400.0
	nc10h22+Ac10h21=nc10h22+Bc10h21	4.00E+11	0.0	11400.0
2027.	101011111 11010111111 110101111111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.004.11	0.0	

2030.	nc10h22+Ac10h21=nc10h22+Cc10h21	4.00E+11	0.0	11400.0
2031.	nc10h22+Ac10h21=nc10h22+Dc10h21	4.00E+11	0.0	11400.0
2032.	nc10h22+Ac10h21=nc10h22+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+Bc10h21=nc10h22+Cc10h21	4.00E+11	0.0	12400.0
	nc10h22+Bc10h21=nc10h22+Dc10h21	4.00E+11	0.0	12400.0
	nc10h22+Bc10h21=nc10h22+Bc10h21 nc10h22+Bc10h21=nc10h22+Ec10h21	4.00E+11 4.00E+11		
			0.0	12400.0
2036.	nc10h22+Cc10h21=nc10h22+Dc10h21	4.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
2037.	nc10h22+Cc10h21=nc10h22+Ec10h21	4.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
2038.	nc10h22+Dc10h21=nc10h22+Ec10h21	4.00E+11	0.0	12400.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	12400.0
2039.	nc10h22+o2cho=Ac10h21+ho2cho	1.68E+13	0.0	20440.0
2040.	nc10h22+o2cho=Bc10h21+ho2cho	1.12E+13	0.0	17690.0
	nc10h22+o2cho=Cc10h21+ho2cho	1.12E+13	0.0	17690.0
	nc10h22+o2cho=Dc10h21+ho2cho	1.12E+13	0.0	17690.0
	nc10h22+o2cho=Ec10h21+ho2cho	1.12E+13	0.0	17690.0
	Ac10h21=Ac8h17+c2h4	9.12E+11	0.3	27240.5
	Bc10h21=Ac7h15+c3h6	6.02E+10	0.8	27822.8
	Cc10h21=Ac6h13+c4h8	2.04E+13	0.0	
				28496.5
	Cc10h21=ch3+c9h18-1	9.55E+09	1.1	29390.7
	Dc10h21=Ac5h11+c5h10	2.04E+13	0.0	28496.5
	Dc10h21=c2h5+c8h16-1	8.51E+09	1.1	27025.9
	Ec10h21=pc4h9+c6h12-1	2.04E+13	0.0	28496.5
	Ec10h21=nc3h7+c7h14-1	5.49E+11	0.6	28087.1
2052.	Ac10h21=h+c10h20-1	1.99E+13	0.0	35861.0
2053.	Bc10h21=h+c10h20-1	7.73E+12	0.2	36548.0
2054.	Bc10h21=h+c10h20-2	1.08E+13	0.0	35288.0
2055.	Cc10h21=h+c10h20-2	7.47E+12	0.0	35206.0
2056.	Cc10h21=h+c10h20-3	4.03E+12	0.1	35036.0
2057.	Dc10h21=h+c10h20-3	4.03E+12	0.1	35039.0
	Dc10h21=h+c10h20-4	4.02E+12	0.1	35037.0
	Ec10h21=h+c10h20-4	4.02E+12	0.1	35037.0
	Ec10h21=h+c10h20-5	2.19E+12	0.1	35055.0
	Ac10h21+o2=c10h20-1+ho2	1.90E+12	0.0	5000.0
	Bc10h21+o2=c10h20-1+ho2	1.90E+12	0.0	5000.0
	Bc10h21+02=c10h20-1+h02 Bc10h21+o2=c10h20-2+ho2		0.0	5000.0
		1.90E+12		
	Cc10h21+o2=c10h20-2+ho2	1.90E+12	0.0	5000.0
	Cc10h21+o2=c10h20-3+ho2	1.90E+12	0.0	5000.0
	Dc10h21+o2=c10h20-3+ho2	1.90E+12	0.0	5000.0
	Dc10h21+o2=c10h20-4+ho2	1.90E+12	0.0	5000.0
	Ec10h21+o2=c10h20-4+ho2	1.90E+12	0.0	5000.0
	Ec10h21+o2=c10h20-5+ho2	1.90E+12	0.0	5000.0
2070.	Ac10h21+o=ch2o+Ac9h19	2.00E+13	0.0	4000.0
2071.	Bc10h21+o=ch3hco+Ac8h17	2.00E+13	0.0	4000.0
2072.	Bc10h21+o=ch3+c8h17hco	2.00E+13	0.0	4000.0
2073.	Cc10h21+o=ethco+Ac7h15	2.00E+13	0.0	4000.0
2074.	Cc10h21+o=c2h5+c7h15hco	2.00E+13	0.0	4000.0
2075.	Dc10h21+o=nc3h7+c6h13hco	2.00E+13	0.0	4000.0
	Dc10h21+o=nc3h7hco+Ac6h13	2.00E+13	0.0	4000.0
	Ec10h21+o=pc4h9+c5h11hco	2.00E+13	0.0	4000.0
	Ec10h21+o=nc4h9hco+Ac5h11	2.00E+13	0.0	4000.0
	Ac10h21+oh=ch2o+nc9h20	2.00E+13	0.0	4000.0
	Bc10h21+oh=ch3hco+nc8h18	2.00E+13 2.00E+13	0.0	4000.0
	Bc10h21+oh=ch4+c8h17hco	2.00E+13	0.0	4000.0
	Cc10h21+oh=ethco+nc7h16	2.00E+13	0.0	4000.0
	Cc10h21+oh=c2h6+c7h15hco	2.00E+13	0.0	4000.0
	Dc10h21+oh=c3h8+c6h13hco	2.00E+13	0.0	4000.0
	Dc10h21+oh=nc3h7hco+c6h14	2.00E+13	0.0	4000.0
	Ec10h21+oh=c4h10+c5h11hco	2.00E+13	0.0	4000.0
2087.	Ec10h21+oh=nc4h9hco+nc5h12	2.00E+13	0.0	4000.0

2088.	Ac10h21+ho2=ch2o+Ac9h19+oh	5.00E+12	0.0	0.0
2089.	Bc10h21+ho2=ch3hco+Ac8h17+oh	5.00E+12	0.0	0.0
	Bc10h21+ho2=ch3+c8h17hco+oh	5.00E+12	0.0	0.0
	Cc10h21+ho2=ethco+Ac7h15+oh	5.00E+12	0.0	0.0
	Cc10h21+ho2=c2h5+c7h15hco+oh	5.00E+12	0.0	0.0
2093.	Dc10h21+ho2=nc3h7+c6h13hco+oh	5.00E+12	0.0	0.0
2094.	Dc10h21+ho2=nc3h7hco+Ac6h13+oh	5.00E+12	0.0	0.0
	Ec10h21+ho2=pc4h9+c5h11hco+oh	5.00E+12	0.0	0.0
	Ec10h21+ho2=nc4h9hco+Ac5h11+oh	5.00E+12	0.0	0.0
2097.	Ac10h21=Dc10h21	5.13E+00	3.2	16849.0
	Reverse Arrhenius coefficients:	4.17E-01	3.6	18942.0
2098.	Ac10h21=Ec10h21	1.49E+01	3.0	10792.0
	Reverse Arrhenius coefficients:	4.79E+00	3.1	12956.0
2099.	Bc10h21=Dc10h21	2.95E+00	3.1	11017.0
	Reverse Arrhenius coefficients:	2.95E+00	3.1	11017.0
2100				
2100.	Bc10h21=Ec10h21	1.40E-01	3.7	12982.0
	Reverse Arrhenius coefficients:	1.40E-01	3.7	12982.0
2101.	Cc10h21=Dc10h21	1.86E+00	3.3	13199.0
	Reverse Arrhenius coefficients:	1.86E+00	3.3	13199.0
2102.	Cc10h21=Ec10h21	1.41E+00	3.3	16146.0
2102.	Reverse Arrhenius coefficients:	1.41E+00	3.3	16146.0
0100				
	c10h20-1=ac3h5+Ac7h15	2.50E+16	0.0	70000.0
2104.	c10h20-1=Dc4h7-1+Ac6h13	1.00E+16	0.0	71000.0
2105.	c10h20-1=Ec5h9-1+Ac5h11	1.00E+16	0.0	71000.0
2106.	c10h20-1=Fc6h11-1+pc4h9	1.00E+16	0.0	71000.0
	Cc10h19-1+h=c10h20-1	1.00E+13	0.0	0.0
	Dc10h19-2+h=c10h20-2	1.00E+13	0.0	0.0
			0.0	
	Ec10h19-3+h=c10h20-3	1.00E+13		0.0
	Fc10h19-4+h=c10h20-4	1.00E+13	0.0	0.0
2111.	c10h20-1+ho2=>oh+ch2o+c9h18-1	2.50E+12	1.0	25000.0
2112.	c10h20-2+ho2=>oh+ch3hco+c8h16-1	2.50E+12	1.0	25000.0
	c10h20-2+ho2=>oh+c2h4+c7h15hco	2.50E+12	1.0	25000.0
	c10h20-3+ho2=>oh+ethco+c7h14-1	2.50E+12	1.0	25000.0
	c10h20-3+ho2=>oh+c3h6+c6h13hco	2.50E+12	1.0	25000.0
	c10h20-4+ho2=>oh+nc3h7hco+c6h12-1	2.50E+12	1.0	25000.0
2117.	c10h20-4+ho2=>oh+c4h8+c5h11hco	2.50E+12	1.0	25000.0
2118.	c10h20-5+ho2=>oh+c5h10+nc4h9hco	5.00E+12	1.0	25000.0
2119.	c10h20-1+oh=ch2o+Ac9h19	1.40E+12	0.0	-900.0
	c10h20-1+oh=ch3+c8h17hco	1.40E+12	0.0	-900.0
	c10h20-2+oh=ch3hco+Ac8h17	1.40E+12	0.0	-900.0
	c10h20-2+oh=c2h5+c7h15hco	1.40E+12	0.0	-900.0
	c10h20-3+oh=ethco+Ac7h15	1.40E+12	0.0	-900.0
2124.	c10h20-3+oh=nc3h7+c6h13hco	1.40E+12	0.0	-900.0
2125.	c10h20-4+oh=nc3h7hco+Ac6h13	1.40E+12	0.0	-900.0
2126.	c10h20-4+oh=pc4h9+c5h11hco	1.40E+12	0.0	-900.0
	c10h20-5+oh=Ac5h11+nc4h9hco	2.80E+12	0.0	-900.0
	c10h20-1+o=ch2o+c9h18-1	3.40E+07	1.8	550.0
	c10h20-2+o=ch3hco+c8h16-1	3.40E+07	1.8	550.0
2130.	c10h20-2+o=c2h4+c7h15hco	3.40E+07	1.8	550.0
2131.	c10h20-3+o=ethco+c7h14-1	3.40E+07	1.8	550.0
2132.	c10h20-3+o=c3h6+c6h13hco	3.40E+07	1.8	550.0
	c10h20-4+o=nc3h7hco+c6h12-1	3.40E+07	1.8	550.0
	c10h20-4+o=c4h8+c5h11hco	3.40E+07	1.8	550.0
	c10h20-5+o=c5h10+nc4h9hco	6.80E+07	1.8	550.0
	c10h20-1+h=h2+Cc10h19-1	1.70E+05	2.5	2490.0
2137.	c10h20-1+oh=h2o+Cc10h19-1	3.10E+06	2.0	-300.0
2138.	c10h20-1+ho2=h2o2+Cc10h19-1	6.80E+03	2.5	10115.0
2139.	c10h20-1+ch3=ch4+Cc10h19-1	2.20E+00	3.5	5675.0
	c10h20-1+ch3o2=ch3o2h+Cc10h19-1	2.20E+00	3.5	5675.0
	c10h20-1+c2h5=c2h6+Cc10h19-1	2.20E+00	3.5	
				6835.0
Z14Z.	c10h20-1+o=oh+Cc10h19-1	6.00E+10	0.7	7682.0

2143.	c10h20-2+h=h2+Cc10h19-1	1.70E+05	2.5	2490.0
2144.	c10h20-2+oh=h2o+Cc10h19-1	3.10E+06	2.0	-300.0
2145.	c10h20-2+ho2=h2o2+Cc10h19-1	1.02E+04	2.5	12340.5
	c10h20-2+ch3=ch4+Cc10h19-1	2.20E+00	3.5	5675.0
2110.	c10h20-2+ch3o2=ch3o2h+Cc10h19-1	2.20E+00	3.5	5675.0
	c10h20-2+c2h5=c2h6+Cc10h19-1	2.20E+00	3.5	6835.0
	c10h20-2+o=oh+Cc10h19-1	6.00E+10		
2150.	c10h20-2+h=h2+Dc10h19-2	1.70E+05	2.5	2490.0
2151.	c10h20-2+oh=h2o+Dc10h19-2	3.10E+06	2.0	-300.0
2152.	c10h20-2+ho2=h2o2+Dc10h19-2	6.80E+03	2.5	10115.0
2153.	c10h20-2+ch3=ch4+Dc10h19-2	2.20E+00	3.5	5675.0
	c10h20-2+ch3o2=ch3o2h+Dc10h19-2	2.20E+00	3.5	5675.0
	c10h20-2+c2h5=c2h6+Dc10h19-2	2.20E+00	3.5	6835.0
		6.00E+10	0.7	
	c10h20-2+o=oh+Dc10h19-2	0.UUE+1U	0.7	7682.0
	c10h20-3+h=h2+Dc10h19-2	1.70E+05	2.5	2490.0
	c10h20-3+oh=h2o+Dc10h19-2	3.10E+06		-300.0
2159.	c10h20-3+ho2=h2o2+Dc10h19-2	6.80E+03	2.5	10115.0
2160.	c10h20-3+ch3=ch4+Dc10h19-2	2.20E+00	3.5	5675.0
2161.	c10h20-3+ch3o2=ch3o2h+Dc10h19-2	2.20E+00	3.5	5675.0
2162.	c10h20-3+c2h5=c2h6+Dc10h19-2	2.20E+00	3.5	6835.0
	c10h20-3+o=oh+Dc10h19-2	6.00E+10		7682.0
	c10h20-3+h=h2+Ec10h19-3	1.70E+05		2490.0
		3.10E+06	2.5	
	c10h20-3+oh=h2o+Ec10h19-3	3.10E+06	2.0	-300.0
	c10h20-3+ho2=h2o2+Ec10h19-3	6.80E+03		
	c10h20-3+ch3=ch4+Ec10h19-3	2.20E+00		5675.0
2168.	c10h20-3+ch3o2=ch3o2h+Ec10h19-3	2.20E+00	3.5	5675.0
2169.	c10h20-3+c2h5=c2h6+Ec10h19-3	2.20E+00	3.5	6835.0
2170.	c10h20-3+o=oh+Ec10h19-3	6.00E+10	0.7	7682.0
2171.	c10h20-4+h=h2+Ec10h19-3	1.70E+05	2.5	2490.0
	c10h20-4+oh=h2o+Ec10h19-3	3.10E+06	2.0	-300.0
	c10h20-4+ho2=h2o2+Ec10h19-3	6.80E+03	2.5	10115.0
		2.20E+00		
	c10h20-4+ch3=ch4+Ec10h19-3		3.5	5675.0
	c10h20-4+ch3o2=ch3o2h+Ec10h19-3	2.20E+00	3.5	5675.0
	c10h20-4+c2h5=c2h6+Ec10h19-3	2.20E+00	3.5	6835.0
2177.	c10h20-4+o=oh+Ec10h19-3	6.00E+10	0.7	7682.0
2178.	c10h20-4+h=h2+Fc10h19-4	1.70E+05	2.5	2490.0
2179.	c10h20-4+oh=h2o+Fc10h19-4	3.10E+06	2.0	-300.0
2180.	c10h20-4+ho2=h2o2+Fc10h19-4	6.80E+03	2.5	10115.0
2181.	c10h20-4+ch3=ch4+Fc10h19-4	2.20E+00	3.5	5675.0
	c10h20-4+ch3o2=ch3o2h+Fc10h19-4	2.20E+00	3.5	5675.0
	c10h20-4+c2h5=c2h6+Fc10h19-4	2.20E+00	3.5	6835.0
	c10h20-4+o=oh+Fc10h19-4	6.00E+10	0.7	7682.0
	c10h20-5+h=h2+Fc10h19-4	3.40E+05	2.5	2490.0
	c10h20-5+oh=h2o+Fc10h19-4	6.20E+06	2.0	-300.0
	c10h20-5+ho2=h2o2+Fc10h19-4	6.80E+03	2.5	10115.0
2188.	c10h20-5+ch3=ch4+Fc10h19-4	4.40E+00	3.5	5675.0
2189.	c10h20-5+ch3o2=ch3o2h+Fc10h19-4	4.40E+00	3.5	5675.0
	c10h20-5+c2h5=c2h6+Fc10h19-4	4.40E+00	3.5	6835.0
	c10h20-5+o=oh+Fc10h19-4	1.20E+11	0.7	7682.0
	c10h20-1+oh=c10h20rohAB	2.76E+12	0.0	-1042.0
	c10h20rohAB+o2=c10h20qjohAB		0.0	
	<del></del>	1.00E+12		-1100.0
	c10h20qjohAB=>oh+ch2o+c8h17hco	1.00E+12	0.0	28680.0
	c10h20-2+oh=c10h20rohBC	2.76E+12	0.0	-1042.0
	c10h20rohBC+o2=c10h20qjohBC	1.00E+12	0.0	-1100.0
	c10h20qjohBC=>oh+ch3hco+c7h15hco	1.00E+12	0.0	28680.0
2198.	c10h20-3+oh=c10h20rohCD	2.76E+12	0.0	-1042.0
2199.	c10h20rohCD+o2=c10h20qjohCD	1.00E+12	0.0	-1100.0
	c10h20qjohCD=>oh+ethco+c6h13hco	1.00E+12	0.0	28680.0
	c10h20-4+oh=c10h20rohDE	2.76E+12	0.0	-1042.0
	c10h20rohDE+o2=c10h20qjohDE	1.00E+12	0.0	-1100.0
	c10h20qjohDE=>oh+nc3h7hco+c5h11hco	1.00E+12	0.0	28680.0
4403.	CTOUZOGJOHDE->OHTHICSH/HCO+CSHITHICO	1.006+12	0.0	20000.0

2204.	c10h20-5+oh=c10h20rohEF	2.76E+12	0.0	-1042.0
2205	c10h20rohEF+o2=c10h20qjohEF	1.00E+12	0.0	-1100.0
2206.	c10h20qjohEF=>oh+nc4h9hco+nc4h9hco	1.00E+12	0.0	28680.0
2207.	Cc10h19-1=c4h6+Ac6h13	1.34E+15	-0.5	38320.0
2208.	Dc10h19-2=c5h8-13+Ac5h11	2.50E+13	0.0	35000.0
	Ec10h19-3=c6h10-13+pc4h9	2.50E+13	0.0	35000.0
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2210.	Fc10h19-4=c7h12-13+nc3h7	2.50E+13	0.0	35000.0
2211.	c4h6+c2h3=chd13+h	7.00E+11	0.0	1650.0
2212.	Fc6h9-13=cyc6h9	1.00E+08	0.9	5900.0
	c6h9=chxe1rD	1.00E+08	0.9	5900.0
	cyc6h9+ho2=chd13+h2o2	1.00E+12	0.0	0.0
2215.	cyc6h9+oh=chd13+h2o	1.80E+13	0.0	0.0
2216.	cyc6h9+o2=ho2+chd13	9.60E+12	0.0	15160.0
2217.	cyc6h9=h+chd13	3.00E+13	0.0	50500.0
	cyc6h9+o=chd13+oh	1.80E+13	0.0	0.0
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	cyc6h9+h=chd13+h2	3.16E+13	0.0	0.0
2220.	cyc6h9+ch3=chd13+ch4	8.00E+12	0.0	0.0
2221.	cyc6h9+c2h3=chd13+c2h4	4.00E+12	0.0	0.0
	cyc6h9+c2h5=chd13+c2h6	4.00E+12	0.0	0.0
	cyc6h9+ac3h5=chd13+c3h6	4.00E+12	0.0	
	-			0.0
	cyc6h9+sc3h5=chd13+c3h6	4.00E+12	0.0	0.0
2225.	cyc6h9+tc3h5=chd13+c3h6	4.00E+12	0.0	0.0
2226.	cyc6h9+hco=chd13+ch2o	4.00E+12	0.0	0.0
	cyc6h9+ch3o=chd13+ch3oh	4.00E+12	0.0	0.0
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	cyc6h9+ho2=cyc6h9o+oh	7.00E+12	0.0	-1000.0
2229.	cyc6h9+ho2=>cyc5h8+hco+oh	4.50E+12	0.0	0.0
2230.	cyc6h9+o=cyc5h8+hco	8.26E+13	0.0	0.0
2231.	cyc6h9+o2=acrol+c2h4+hco	3.01E+10	0.0	2870.0
	cyc6h9+o2=ac3h5co+c2h4o	1.31E+10	0.0	0.0
	<del>-</del>			
	cyc6h9+o2=chxe1qjC	2.43E+39	-9.0	8620.0
2234.	chxelqjC=EchxelqC	2.14E+09	1.0	28226.6
2235.	EchxelqC+o2=chxelqCqjE	1.84E+45	-11.1	6538.0
	chxelqCqjE=chxeloCqE+oh	1.07E+09	1.0	26226.6
		1.81E+13	0.0	
	oh+chxeloCojE=chxeloCqE			0.0
	Dc6e5oAoC=chxe1oCojE	1.00E+08	0.9	5900.0
2239.	Fc6e3oAoE=chxe1oCojE	1.00E+08	0.9	5900.0
2240.	Dc6e5oAoC+o=acrol+hcoch2co	2.00E+14	0.0	0.0
	Dc6e5oAoC+ho2=oh+acrol+hcoch2co	1.00E+13	0.0	0.0
		2.00E+11		
	ch2co+ac3h4hco1=Fc6e3oAoE		0.0	2010.0
	chxelrD=cyc6h9	1.30E+13	0.0	44500.0
2244.	chxe1rD=Ac6h9-15	2.00E+13	0.0	35500.0
2245.	chxe1rD+o2=ho2+chd13	9.60E+12	0.0	2500.0
	chxe1rD=h+chd13	3.20E+13	0.0	34500.0
	chxe1rD+o2=ho2+chd14	9.60E+12		
			0.0	5000.0
	chxelrD=h+chd14	3.00E+13	0.0	33800.0
2249.	Fc6e5oA=cyc6h9o	1.00E+08	0.9	5900.0
2250.	c2h2+c3h6cho-1=Fc6e5oA	7.77E+06	1.4	7755.0
	Fc6e2oA=cyc6h9o	1.00E+08	0.9	5900.0
	_			
	c2h4+sc3h5co=Fc6e2oA	1.32E+04	2.5	6130.0
2253.	sc3h5co=sc3h5+co	8.60E+15	0.0	23000.0
2254.	Fc6h9-13+o2=hex135+ho2	2.70E+11	0.0	2500.0
2255.	Fc6h9-13=hex135+h	3.20E+13	0.0	34800.0
	Fc6h9-13=nc4h5+c2h4	2.00E+13	0.0	35500.0
	Fc6h9-13+h=c6h10-13	1.00E+14	0.0	0.0
2258.	c6h9=h+hex135	3.20E+13	0.0	40700.0
2259.	c6h9+o2=ho2+hex135	1.60E+12	0.0	15160.0
	Ac6h9-15=c6h9	6.00E+08	1.0	12400.0
	Ac6h9-15=c2h2+Dc4h7-1	2.00E+13	0.0	33000.0
	Ac6h9-15+o2=Dc4h7-1+co+ch2o	4.50E+16	-1.4	1000.0
2263.	Ac6h9-15+h=c6h10-15	1.00E+14	0.0	0.0
2264.	hex135=chd13	4.50E+12	0.0	43300.0

2265.	chd13=c6h6+h2	5.00E+14	0.0	65140.0
2266.	chd13=c6h7C+h	5.01E+15	0.0	72598.0
2267.	chd13+o2=c6h7C+ho2	8.31E+11	0.0	24858.0
	chd13+ho2=c6h7C+h2o2	4.00E+12	0.0	17057.0
	chd13+oh=c6h7C+h2o	5.60E+12	0.0	861.0
	chd13+o=c6h7C+oh	1.40E+13	0.0	-795.0
	chd13+h=c6h7C+h2	1.30E+13	0.0	4445.0
	chd13+ch3=c6h7C+ch4	1.23E+11	0.0	5201.0
	chd13+c2h5=c6h7C+c2h6	1.23E+11	0.0	5201.0
	chd13+c2h2=c6h6+c2h4	3.09E+10		
			0.0	27151.0
	chd13+c2h3=c6h7C+c2h4	1.23E+11	0.0	5201.0
	chd13+ac3h5=c6h7C+c3h6	1.23E+11	0.0	5201.0
	chd13+hco=c6h7C+ch2o	1.23E+11	0.0	5201.0
	chd13+ch3o=c6h7C+ch3oh	1.23E+11	0.0	5201.0
	chd13+nc4h5=c6h7C+c4h6	1.00E+11	0.0	13500.0
	chd13+ic4h5=c6h7C+c4h6	1.00E+11	0.0	13500.0
2281.	chd14=c6h6+h2	2.30E+12	0.0	43800.0
2282.	chd14=c6h7C+h	3.10E+14	0.0	77400.0
2283.	chd14+o2=c6h7C+ho2	7.20E+12	0.0	27920.0
2284.	chd14+ho2=c6h7C+h2o2	1.28E+04	2.6	12400.0
2285.	chd14+h=c6h7C+h2	1.10E+05	2.5	-1900.0
2286.	chd14+oh=c6h7C+h2o	6.00E+06	2.0	-1520.0
	chd14+ch3=c6h7C+ch4	2.00E+11	0.0	7300.0
	c2h2+nc4h5(+m)=c6h7C(+m)	4.80E+07	0.3	4700.0
	Low pressure limit: 0.52000E+26 -0.42100E+01			2700.0
2289	c6h7C=>c6h6+h	1.00E+10	0.0	0.0
	c6h7C+o2=c6h6+ho2	1.00E+12	0.0	0.0
	c6h7C+ho2=c6h6+h2o2	1.00E+12	0.0	0.0
	c6h7C+no2=c6h6+h2o	6.02E+12	0.0	
				0.0
	c6h7C+o=c6h6+oh	1.80E+13	0.0	0.0
	c6h7C+h=c6h6+h2	3.16E+12	0.0	0.0
	c6h7C+ch3=c6h6+ch4	1.00E+13	0.0	0.0
	c6h7C+c2h3=c6h6+c2h4	4.00E+12	0.0	0.0
	c6h7C+c2h5=c6h6+c2h6	4.00E+12	0.0	0.0
	c6h7C+ac3h5=c6h6+c3h6	4.00E+12	0.0	0.0
	c6h7C+sc3h5=c6h6+c3h6	4.00E+12	0.0	0.0
	c6h7C+tc3h5=c6h6+c3h6	4.00E+12	0.0	0.0
	c6h7C+hco=c6h6+ch2o	4.00E+12	0.0	0.0
	c6h7C+c6h7C=c6h6+chd13	8.40E+10	0.0	-300.0
2303.	c6h7C+h=c6h615+h2	2.00E+13	0.0	0.0
2304.	c6h7C+ho2=>CPD+hco+oh	4.50E+12	0.0	0.0
2305.	c6h7C+o=CPD+hco	8.26E+13	0.0	0.0
2306.	cyc5h8=c3h6+c2h2	2.50E+13	0.0	62970.0
2307.	cyc5h8=CPD+h2	1.58E+13	0.0	59780.0
2308.	cyc5h8+o2=cyc5h7+ho2	1.28E+10	0.0	25000.0
	cyc5h8+ho2=cyc5h7+h2o2	1.60E+11	0.0	17060.0
	cyc5h8+oh=cyc5h7+h2o	4.80E+13	0.0	300.0
	cyc5h8+o=cyc5h7+oh	2.78E+11	0.0	2508.0
	cyc5h7=ac3h4+c2h3	3.16E+14	0.0	37000.0
	cyc5h7=CPD+h	3.16E+15	0.0	36000.0
	cyc5h7=c5h7			
		2.00E+13	0.0	30000.0
	cyc5h7+o2=acrol+ch2hco	4.00E+10	0.0	5000.0
	cyc5h7+o2=CPD+ho2	1.01E+12	0.0	13353.0
	cyc5h7+ho2=CPD+h2o2	2.65E+12	0.0	0.0
	cyc5h7+oh=CPD+h2o	6.02E+12	0.0	0.0
	cyc5h7+o=CPD+oh	1.80E+13	0.0	0.0
	cyc5h7+h=CPD+h2	3.16E+13	0.0	0.0
	cyc6h12=3c2h4	8.22E+17	0.0	87225.0
	cyc6h12=cyc6h11+h	3.00E+16	0.0	95000.0
	cyc6h12+o2=cyc6h11+ho2	7.50E+13	0.0	49000.0
2324.	cyc6h12+ho2=cyc6h11+h2o2	1.20E+13	0.0	17057.0

2325.	cyc6h12+oh=cyc6h11+h2o	1.60E+07	2.0	-681.0
2326.	cyc6h12+o=cyc6h11+oh	1.54E+14	0.0	4497.0
	cyc6h12+h=cyc6h11+h2	6.00E+14	0.0	8373.0
	cyc6h12+ch3=cyc6h11+ch4	1.35E+12	0.0	9540.0
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	cyc6h12+c2h5=cyc6h11+c2h6	1.35E+12	0.0	9540.0
2330.	cyc6h12+c2h3=cyc6h11+c2h4	1.35E+12	0.0	9540.0
2331.	cyc6h12+ac3h5=>cyc6h11+c3h6	1.35E+12	0.0	9540.0
	cyc6h12+sc3h5=cyc6h11+c3h6	1.35E+12	0.0	9540.0
		1.35E+12	0.0	
	cyc6h12+tc3h5=cyc6h11+c3h6			9540.0
	cyc6h12+Cc4h7-1=>cyc6h11+c4h8	7.00E+11	0.0	9540.0
2335.	cyc6h12+hco=cyc6h11+ch2o	1.35E+12	0.0	9540.0
2336.	cyc6h12+ch3o=cyc6h11+ch3oh	4.32E+11	0.0	4473.0
	cyc6h11+o2=cyc6h10+ho2	1.00E+09	0.0	3000.0
	cyc6h11+o=cyc6h10+oh	9.64E+13	0.0	0.0
	cyc6h11+ho2=cyc6h10+h2o2	2.00E+12	0.0	2000.0
2340.	cyc6h11+oh=cyc6h10+h2o	4.80E+13	0.0	0.0
2341.	cyc6h11+h=cyc6h10+h2	2.00E+11	0.0	0.0
2342.	cyc6h11+ch3=cyc6h10+ch4	4.00E+12	0.0	0.0
	cyc6h11+c2h3=cyc6h10+c2h4	4.00E+12	0.0	0.0
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	cyc6h11+c2h5=cyc6h10+c2h6	4.00E+12	0.0	0.0
	cyc6h11+ac3h5=cyc6h10+c3h6	4.00E+11	0.0	0.0
2346.	cyc6h11+sc3h5=cyc6h10+c3h6	4.00E+11	0.0	0.0
2347.	cyc6h11+tc3h5=cyc6h10+c3h6	4.00E+12	0.0	0.0
	cyc6h11+hco=cyc6h10+ch2o	4.00E+12	0.0	0.0
	cyc6h11=cyc6h10+h	5.00E+12	0.0	40000.0
	cyc6h11+o2=chxqjA	1.50E+09	0.0	0.0
2351.	chxqjA=cyc6h10+ho2	2.85E+12	0.0	29000.0
2352.	chxqjA=chxqArC	4.28E+09	1.0	28226.6
2353.	chxqArC=chxo-AC+oh	1.40E+12	0.0	20000.0
	chxqArC+o2=chxqAqjC	1.84E+45	-11.1	6538.0
	chxqAqjC=oh+chxoAqC	1.07E+09	1.0	24365.9
	chxqAqjC=chxqAqCrE	2.14E+09	1.0	28226.6
2357.	chxoAqC=chxoAojC+oh	1.50E+16	0.0	42000.0
2358.	Fc6oAoC=chxoAojC	1.00E+08	0.9	5900.0
2359.	c2h4+ch2coch2hco=Fc6oAoC	1.32E+04	2.5	6130.0
	ch2co+ch2hco=ch2coch2hco	1.76E+04	2.5	6130.0
	Fc6oAoE=chxoAojC		0.9	
		1.00E+08		5900.0
	ch2co+c3h6cho-1=Fc6oAoE	1.32E+04	2.5	6130.0
	c6e5oAqC+oh=chxqAqCrE	4.76E+07	1.5	34700.0
2364.	c6e5oAojC+oh=c6e5oAqC	1.81E+13	0.0	0.0
2365.	ac3h5hco+ch2hco=c6e5oAojC	1.00E+11	0.0	3496.0
	chxo-AC+oh=Cchxone+h2o	3.40E+06	1.9	-1451.0
	chxo-AC+h=Cchxone+h2	1.20E+06	2.4	2583.0
	chxo-AC+ch3=Cchxone+ch4	1.79E+04	2.3	6147.0
	chxo-AC+ho2=Cchxone+h2o2	3.00E+04	2.5	12260.0
2370.	cyc6h10=c4h6+c2h4	1.50E+15	0.0	66900.0
2371.	cyc6h10+o2=cyc6h9+ho2	7.20E+13	0.0	34800.0
	cyc6h10+o2=chxe1rD+ho2	4.00E+13	0.0	50700.0
	cyc6h10=cyc6h9+h	1.20E+15	0.0	83200.0
	cyc6h10=chxe1rD+h	1.20E+15	0.0	98900.0
2375.	cyc6h10=chd13+h2	5.00E+13	0.0	61700.0
2376.	cyc6h10+o=cyc6h9+oh	1.80E+11	0.7	3250.0
2377.	cyc6h10+h=cyc6h9+h2	1.10E+05	2.5	-1900.0
	cyc6h10+oh=cyc6h9+h2o	6.00E+06	2.0	-1520.0
	cyc6h10+h02=cyc6h9+h2o2		2.6	
		1.30E+04		12400.0
	cyc6h10+ch3=cyc6h9+ch4	2.00E+11	0.0	7300.0
	cyc6h10+c2h3=cyc6h9+c2h4	2.00E+11	0.0	7300.0
2382.	cyc6h10+c2h5=cyc6h9+c2h6	2.00E+11	0.0	7300.0
	cyc6h10+ac3h5=cyc6h9+c3h6	2.00E+11	0.0	7300.0
	cyc6h10+sc3h5=cyc6h9+c3h6	2.00E+11	0.0	7300.0
∠305.	cyc6h10+tc3h5=cyc6h9+c3h6	2.00E+11	0.0	7300.0

2386.	cyc6h10+hco=cyc6h9+ch2o	2.00E+11	0.0	7300.0
2387.	cyc6h10+ch3o=cyc6h9+ch3oh	2.00E+11	0.0	7300.0
2388.	cyc6h10+o=chxe1rD+oh	5.20E+13	0.0	5200.0
	cyc6h10+h=chxe1rD+h2	1.80E+07	2.0	5000.0
	cyc6h10+oh=chxe1rD+h2o	5.20E+06	2.0	-770.0
	cyc6h10+ho2=chxe1rD+h2o2	8.00E+11	0.0	15500.0
	-	4.00E+11	0.0	
	cyc6h10+ch3=chxe1rD+ch4			9600.0
	chxone+oh=Bchxone+h2o	1.69E+12	0.0	-228.0
	chxone+h=Bchxone+h2	8.92E+06	2.0	3200.0
	chxone+o2=Bchxone+ho2	3.10E+13	0.0	41970.0
2396.	chxone+ho2=Bchxone+h2o2	4.00E+11	0.0	8698.0
2397.	chxone+ch3=Bchxone+ch4	3.48E+00	3.5	3680.0
2398.	chxone+o=Bchxone+oh	6.14E+13	0.0	3400.0
2399.	chxone+oh=Cchxone+h2o	1.10E+13	0.0	790.0
2400.	chxone+h=Cchxone+h2	2.60E+06	2.4	2583.0
2401.	chxone+o2=Cchxone+ho2	1.40E+13	0.0	49910.0
2402.	chxone+ho2=Cchxone+h2o2	1.93E+04	2.6	13910.0
	chxone+ch3=Cchxone+ch4	3.02E+00	3.5	5481.0
	chxone+o=Cchxone+oh	1.10E+06	2.5	2830.0
	chxone+oh=Dchxone+h2o	5.50E+12	0.0	790.0
	chxone+h=Dchxone+h2	1.30E+06	2.4	2583.0
	chxone+o2=Dchxone+ho2			
		7.00E+12	0.0	49910.0
	chxone+ho2=Dchxone+h2o2	9.51E+03	2.6	13910.0
	chxone+ch3=Dchxone+ch4	1.51E+00	3.5	5481.0
	chxone+o=Dchxone+oh	5.50E+05	2.5	2830.0
	Bchxone=h+chxe2oA	1.20E+13	0.0	38200.0
	Bchxone+o2=chxe2oA+ho2	1.00E+09	0.0	0.0
2413.	Fc6e1oC=Bchxone	1.00E+08	0.9	5900.0
2414.	Cchxone=h+chxe2oA	1.20E+13	0.0	33820.0
2415.	Cchxone=h+chxe3oA	1.20E+13	0.0	38115.0
2416.	Cchxone+o2=chxe2oA+ho2	1.00E+09	0.0	0.0
2417.	Cchxone+o2=chxe3oA+ho2	1.00E+09	0.0	0.0
	c6e5oyA=Cchxone	1.00E+08	0.9	5900.0
	Ac6e5oC=Cchxone	1.00E+08	0.9	5900.0
	c2h4+ac3h5co=Ac6e5oC	1.00E+11	0.0	7800.0
	Dchxone=h+chxe3oA	1.20E+13	0.0	37315.0
	Dchxone+o2=chxe3oA+ho2	1.00E+09	0.0	
	Ac6e5oB=Dchxone			0.0
		1.00E+08	0.9	5900.0
	ch2co+Dc4h7-1=Ac6e5oB	3.33E+10	0.0	6397.0
	Bchxone+o2=chxoqjB	2.43E+39	-9.0	8620.0
	chxoqjB=DchxoqB	3.72E+11	0.0	24076.6
	DchxoqB+o2=chxoqBqjD	7.54E+12	0.0	0.0
	DchxoqB=c6e5oAoB+oh	5.50E+13	0.0	25500.0
	chxoqBqjD=chxoAoBqD+oh	1.00E+16	0.0	43000.0
2430.	chxoAoBqD=chxoAoBojD+oh	1.00E+16	0.0	43000.0
2431.	Fc6oAoDoE=chxoAoBojD	1.00E+08	0.9	5900.0
2432.	Fc6oAoCoD=chxoAoBojD	1.00E+08	0.9	5900.0
	Fc6oAoDoE=ch2co+choch2ch2co	2.00E+13	0.0	21350.0
	Fc6oAoCoD=c2h4+2co+ch2hco	2.00E+13	0.0	28700.0
	c6e5oAoB+oh=c6e5oyAoB+h2o	2.30E+10	0.7	-1100.0
	c6e5oAoB+h=c6e5oyAoB+h2	4.10E+09	1.2	2405.0
	c6e5oAoB+ho2=c6e5oyAoB+h2o2	3.00E+12	0.0	12000.0
			3.4	
	c6e5oAoB+ch3=c6e5oyAoB+ch4	7.60E+00	0.0	3740.0
	c6e5oAoB+o2=c6e5oyAoB+ho2	3.00E+13		39200.0
	c6e5oyAoB=c4h7co-1+co	2.00E+13	0.0	28700.0
	c6e5oyAoB+ho2=>c4h7co-1+co2+oh	2.00E+13	0.0	0.0
	c6e5oA+oh=c6e5oyA+h2o	4.20E+12	0.0	500.0
	c6e5oA+h=c6e5oyA+h2	4.00E+13	0.0	4200.0
	c6e5oA+ho2=c6e5oyA+h2o2	1.00E+12	0.0	10000.0
	c6e5oyA=Ec5h9-1+co	2.00E+13	0.0	28700.0
2446.	c6e5oyA+ho2=>Ec5h9-1+co2+oh	2.00E+13	0.0	0.0

2447.	c6e5oA+oh=h2o+c4h6+ch2hco	1.41E+07	1.8	974.0
2448.	c6e5oA+ho2=h2o2+c4h6+ch2hco	1.20E+13	0.0	19400.0
	c6e5oA+ch3=ch4+c4h6+ch2hco	1.30E+12	0.0	11600.0
	c6e5oA+h=h2+c4h6+ch2hco	5.70E+07	2.0	7700.0
	c6e5oA+o=oh+c4h6+ch2hco	4.36E+06	2.4	5500.0
2452.	chxe2oA+o2=>Dchxe2oA+ho2	4.00E+12	0.0	40000.0
2453.	chxe2oA+ho2=>Dchxe2oA+h2o2	1.00E+11	0.0	17060.0
2454.	chxe2oA+oh=>Dchxe2oA+h2o	4.19E+06	2.0	-543.0
	chxe2oA+o=>Dchxe2oA+oh	2.60E+12	0.0	4500.0
	chxe2oA+h=>Dchxe2oA+h2	1.95E+13	0.0	4445.0
	chxe2oA+ch3=>Dchxe2oA+ch4	1.00E+11	0.0	7300.0
	chxe3oA+o2=>Dchxe2oA+ho2	4.00E+12	0.0	40000.0
2459.	chxe3oA+ho2=>Dchxe2oA+h2o2	1.00E+11	0.0	17060.0
2460.	chxe3oA+oh=>Dchxe2oA+h2o	4.19E+06	2.0	-543.0
2461.	chxe3oA+o=>Dchxe2oA+oh	2.60E+12	0.0	4500.0
2462	chxe3oA+h=>Dchxe2oA+h2	1.95E+13	0.0	4445.0
	chxe3oA+ch3=>Dchxe2oA+ch4	1.00E+11	0.0	7300.0
	Dchxe2oA+c113->bchxe2oA+c114 Dchxe2oA+o2=ho2+che24one			
		5.90E+05	0.0	0.0
	Ac6e3e5oB=Dchxe2oA	1.00E+08	0.9	5900.0
2466.	ch2co+nc4h5=Ac6e3e5oB	2.00E+11	0.0	2010.0
2467.	chxoAoD+oh=BchxoAoD+h2o	3.38E+12	0.0	-228.0
2468.	chxoAoD+h=BchxoAoD+h2	1.79E+07	2.0	3200.0
	chxoAoD+ho2=BchxoAoD+h2o2	8.00E+11	0.0	8698.0
	chxe2oAoD+h=BchxoAoD		0.5	2620.0
	c6eloCoyF=BchxoAoD		0.9	5900.0
	c6eloCoyF=co+pc2h4coc2h3	2.00E+13	0.0	28700.0
2473.	chxe2oAoD+oh=Echxe2oAoD+h2o	1.69E+12	0.0	-228.0
2474.	chxe2oAoD+h=Echxe2oAoD+h2	8.96E+06	2.0	3200.0
2475.	chxe2oAoD+ho2=Echxe2oAoD+h2o2	4.00E+11	0.0	8698.0
	c6h4o2+h=Echxe2oAoD	6.25E+11	0.5	2620.0
	c6e2e5oyAoD=Echxe2oAoD	1.00E+08	0.9	5900.0
			0.0	28700.0
	c6e2e5oyAoD=co+c2h3co+c2h2	2.00E+13		
	Gc7h13-1=mchA	1.00E+08	0.9	5900.0
	Gc7h13-1=Cc7h13-1	1.00E+12	0.0	22880.0
2481.	Gc7h13-1=Dc7h13-1	1.00E+11	0.0	18100.0
2482.	c2h4+Ec5h9-1=Gc7h13-1	2.64E+04	2.5	6130.0
2483.	mchA+o2=mche1+ho2	8.00E+12	0.0	10000.0
	mchA+h=mche1+h2	2.00E+11	0.0	0.0
	mchA+oh=mche1+h2o	5.00E+13	0.0	0.0
	mchA+o=mche1+oh	1.00E+14	0.0	0.0
	mchA+ch3=mche1+ch4	4.00E+12	0.0	0.0
	mchB=c2h4+isoph	2.00E+13	0.0	45000.0
2489.	mchB+h=mche1+h2	2.00E+11	0.0	0.0
2490.	mchB+oh=mche1+h2o	5.00E+13	0.0	0.0
2491.	mchB+o=mche1+oh	1.00E+14	0.0	0.0
	mchB+ch3=mche1+ch4	4.00E+12	0.0	0.0
	mche1=>c4h6+c3h6	1.00E+16	0.0	71000.0
	mchel+oh=cyc6hll+ch2o	1.00E+12	0.0	0.0
	mchel+oh=ch3+chxone	1.00E+12	0.0	0.0
2496.	mchel+h=mchB	2.64E+13	0.0	2160.0
2497.	mche1+h=mchA	1.32E+13	0.0	4660.0
2498.	mche1+h=Cmche1+h2	1.10E+05	2.5	-1900.0
	mchel+o=Cmchel+oh	1.80E+11	0.7	3250.0
	mche1+oh=Cmche1+h2o	6.00E+06	2.0	-1520.0
	mche1+ho2=Cmche1+h2o2	1.30E+04	2.6	12400.0
	mchel+ch3=Cmchel+ch4	2.00E+11	0.0	7300.0
	mche1+o2=Dmche1+ho2	4.00E+13	0.0	50700.0
2504.	mchel+o=Dmchel+oh	5.20E+13	0.0	5200.0
2505.	mche1+h=Dmche1+h2	1.80E+07	2.0	5000.0
2506.	mchel+oh=Dmchel+h2o	5.20E+06	2.0	-770.0
	mche1+ho2=Dmche1+h2o2	8.00E+11	0.0	15500.0
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2508.	mche1+ch3=Dmche1+ch4	4.00E+11	0.0	9600.0
2509.	mche1+oh=BmchohA	4.75E+12	0.0	-782.0
	BmchohA+o2=mchohAqjB	1.84E+45	-11.1	6538.0
	mchohAqjB=>oh+ch2o+chxone	1.00E+16	0.0	25000.0
	Cmchel=>c2h4+isopy	2.00E+13	0.0	38000.0
2513.	Cmche1=h+mche13	1.20E+13	0.0	43500.0
2514.	Cmche1+o2=ch2co+Ec5oA	3.01E+10	0.0	2870.0
2515.	Dmche1+o2=ho2+mche13	9.60E+12	0.0	2500.0
2516	Dmche1=h+mche13	3.20E+13	0.0	34500.0
	Dmchel+o2=ho2+mchel4	9.60E+12	0.0	5000.0
	Dmchel=h+mchel4	3.00E+13	0.0	33800.0
	mche13+h=Emche13+h2	6.55E+12	0.0	4445.0
2520.	mche13+o=Emche13+oh	1.30E+12	0.0	4500.0
2521.	mche13+oh=Emche13+h2o	3.00E+12	0.0	1230.0
2522.	mche13+ho2=Emche13+h2o2	1.00E+11	0.0	17060.0
	mche13+ch3=Emche13+ch4	2.00E+11	0.0	6800.0
	mche13+h=Gmche13+h2	6.55E+12	0.0	4445.0
	mche13+o=Gmche13+oh	1.30E+12	0.0	4500.0
	mche13+oh=Gmche13+h2o	3.00E+12	0.0	1230.0
2527.	mche13+ho2=Gmche13+h2o2	1.00E+11	0.0	17060.0
2528.	mche13+ch3=Gmche13+ch4	2.00E+11	0.0	6800.0
	mche14+h=Emche13+h2	5.50E+04	2.5	-1900.0
	mche14+o=Emche13+oh	9.00E+10	0.7	3250.0
	mche14+oh=Emche13+h2o	3.00E+06	2.0	-1520.0
	mche14+ho2=Emche13+h2o2	6.50E+03	2.6	12400.0
2533.	mche14+ch3=Emche13+ch4	1.00E+11	0.0	7300.0
2534.	mche14+h=Gmche14+h2	5.50E+04	2.5	-1900.0
2535.	mche14+o=Gmche14+oh	9.00E+10	0.7	3250.0
2536	mche14+oh=Gmche14+h2o	3.00E+06	2.0	-1520.0
	mche14+ho2=Gmche14+h2o2	6.50E+03	2.6	12400.0
	mche14+ch3=Gmche14+ch4	1.00E+11	0.0	7300.0
	mche14+h=Fmche14+h2	5.50E+04	2.5	-1900.0
2540.	mche14+o=Fmche14+oh	9.00E+10	0.7	3250.0
2541.	mche14+oh=Fmche14+h2o	3.00E+06	2.0	-1520.0
2542.	mche14+ho2=Fmche14+h2o2	6.50E+03	2.6	12400.0
2543.	mche14+ch3=Fmche14+ch4	1.00E+11	0.0	7300.0
	Gmche13+o2=mche136+ho2	2.00E+09	0.0	-1506.0
	Emche13+o2=mche135+ho2	2.00E+09	0.0	-1506.0
	Gmche14+o2=mche135+ho2	9.60E+12	0.0	2500.0
	Fmche14+o2=mche135+ho2	9.60E+12	0.0	2500.0
2548.	mche135+h=phch2+h2	5.50E+04	2.5	-1900.0
2549.	mche135+o=phch2+oh	9.00E+10	0.7	3250.0
	mche135+oh=phch2+h2o	3.00E+06	2.0	-1520.0
	mche135+ho2=phch2+h2o2	6.50E+03	2.6	12400.0
	mche135+ch3=phch2+ch4	1.00E+11	0.0	7300.0
	<del>-</del>			
	mche136+h=phch2+h2	5.50E+04	2.5	-1900.0
	mche136+o=phch2+oh	9.00E+10	0.7	3250.0
2555.	mche136+oh=phch2+h2o	3.00E+06	2.0	-1520.0
2556.	mche136+ho2=phch2+h2o2	6.50E+03	2.6	12400.0
2557.	mche136+ch3=phch2+ch4	1.00E+11	0.0	7300.0
	mchoA+oh=chxco+h2o	4.20E+12	0.0	500.0
	mchoA+h=chxco+h2			
		4.00E+13	0.0	4200.0
	mchoA+ho2=chxco+h2o2	1.00E+12	0.0	10000.0
	chxco=cyc6h11+co	2.00E+13	0.0	28700.0
2562.	chxco+ho2=>cyc6h11+co2+oh	2.00E+13	0.0	0.0
2563.	c7e6oyA=AmchoC	1.00E+08	0.9	5900.0
	Gc7eloC=AmchoC	1.00E+08	0.9	5900.0
	c2h4+Ec5eloC=Gc7eloC	1.32E+04	2.5	6130.0
	c2h4+c2h3co=Ec5e1oC	1.00E+11	0.0	
				7800.0
	Ac7e6oB=AmchoD	1.00E+08	0.9	5900.0
2568.	Gc7eloD=AmchoD	1.00E+08	0.9	5900.0

2569.	Cc5h9-1+ch2co=Ac7e6o	В		1.00E+11	0.0	11900.0
2570.	c2h4+Ac5e4oB=Gc7e1oD			1.32E+04	2.5	6130.0
2571.	ch2co+ac3h5=Ac5e4oB			1.00E+11	0.0	11900.0
2572.	Gc7e1oF=AmchoD			1.00E+08	0.9	5900.0
2573.	ch2co+Ec5h9-1=Gc7e1o	F		1.76E+04	2.5	6130.0
2574.	echA=c2h4+cyc6h11			2.00E+13	0.0	29000.0
	echA+o2=eche1+ho2			8.00E+12	0.0	10000.0
	echA+h=eche1+h2			2.00E+11	0.0	0.0
	echA+oh=eche1+h2o			5.00E+13	0.0	0.0
	echA+o=eche1+oh			1.00E+14	0.0	0.0
	echA+ch3=eche1+ch4			4.00E+12	0.0	0.0
	eche1=>c4h6+c2h4+c2h	1				
		4		1.00E+16	0.0	71000.0
	echel+oh=mchA+ch2o			2.60E+13	0.0	0.0
	echel+h=Cechel+h2			9.75E+12	0.0	4445.0
	eche1+o=Ceche1+oh			1.30E+12	0.0	4500.0
	eche1+oh=Ceche1+h2o			2.09E+06	2.0	-543.0
	eche1+ho2=Ceche1+h2o	2		5.00E+10	0.0	17060.0
2586.	eche1+o2=Ceche1+ho2			2.00E+12	0.0	40000.0
2587.	eche1+ch3=Ceche1+ch4			5.00E+10	0.0	7300.0
2588.	Ceche1=>2c2h4+ic4h5			2.00E+13	0.0	38900.0
2589.	echoA+oh=>h2o+echoyA			4.20E+12	0.0	500.0
	echoA+h=>h2+echoyA			4.00E+13	0.0	4200.0
	echoA+ho2=>h2o2+echo	VΑ		1.00E+12	0.0	10000.0
	echoyA=>co+mchA	2		2.00E+13	0.0	28700.0
	echoyA+ho2=>oh+co2+m	ch 🛚		2.00E+13	0.0	0.0
	echoAoD+oh=echoyAoD+			4.20E+12	0.0	500.0
	echoAoD+h=echoyAoD+h			4.00E+13	0.0	4200.0
	echoAoD+ho2=echoyAoD			1.00E+13	0.0	10000.0
		T11202				
	echoyAoD=AmchoC+co	0 1-		2.00E+13	0.0	28700.0
	echoyAoD+ho2=>AmchoC			2.00E+13	0.0	0.0
	mchoAoC+oh=h2o+mchoy.			4.20E+12	0.0	500.0
	mchoAoC+h=h2+mchoyAo			4.00E+13	0.0	4200.0
	mchoAoC+ho2=h2o2+mch	oyAoC		1.00E+12	0.0	10000.0
	mchoyAoC=co+Bchxone			2.00E+13	0.0	28700.0
	mchoyAoC+ho2=>Bchxon	e+co2+oh		2.00E+13	0.0	0.0
2604.	c6h615=hex1245			1.80E+11	0.0	35804.0
2605.	hex1245=mc6h6			5.00E+11	0.0	22081.0
2606.	mc6h6=fulvene			4.26E+13	0.0	49282.0
2607.	mc6h6=c6h6			3.79E+13	0.0	22000.0
2608.	CPD+o2=c5h5+ho2			2.00E+13	0.0	25000.0
2609.	CPD+ho2=c5h5+h2o2			2.00E+12	0.0	11660.0
	CPD+oh=c5h5+h2o			3.43E+09	1.2	-447.0
	CPD+h=c5h5+h2			2.19E+08	1.8	3000.0
	CPD+h=c3h3+c2h4			2.00E+14	0.0	10000.0
	CPD+o=c5h5+oh			1.81E+13	0.0	3080.0
	CPD+ch3=c5h5+ch4			3.11E+11	0.0	5500.0
	CPD+c2h3=c5h5+c2h4			3.11E+11	0.0	5500.0
	CPD+c2h5=c5h5+c2h6					
				3.11E+11	0.0	5500.0
	CPD+nc4h5=c5h5+c4h6			3.11E+11	0.0	5500.0
	CPD+ic4h5=c5h5+c4h6			3.11E+11	0.0	5500.0
	CPD+c6h5=c5h5+c6h6			3.11E+11	0.0	5500.0
	CPD+o2=>c3h4o+ch2co			3.00E+08	0.0	3000.0
	c5h5+ho2=c5h5o+oh			3.00E+13	0.0	0.0
	c5h5+oh=c5h4oh+h			9.00E+13	0.0	0.0
2623.	c5h5+oh=c4h6+co			4.00E+14	0.0	4500.0
2624.	c5h5+h(+m)=CPD(+m)			1.00E+14	0.0	0.0
	Low pressure limit:	0.44000E+81	-0.18280E+02	0.12994E	+05	
	TROE centering:	0.68000E-01	0.40000E+03	0.41360E	+04 0.5	5000E+04
2625.	c5h5+o=c5h4o+h			5.81E+13	0.0	20.0
	c5h5+o=nc4h5+co			2.00E+14	0.0	0.0
	c5h4oh=c5h4o+h			2.10E+13	0.0	48000.0
				-		

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2628. c5h5o=nc4h5+co
                                                    2.51E+11
                                                               0.0
                                                                       43900.0
2629. c5h4o+h=nc4h5+co
                                                    2.10E+61 -13.3
                                                                       40810.0
2630. c5h4o=>co+c4h4
                                                    1.00E+12
                                                               0.0
                                                                       53000.0
2631. c3h3+ac3h4=c6h6+h
                                                    1.40E+12
                                                                0.0
                                                                       12800.0
2632. c3h3+pc3h4=c6h6+h
                                                                0.0
                                                    1.40E+12
                                                                       12800.0
2633. c4h4+c2h3=c6h6+h
                                                    1.90E+12
                                                                0.0
                                                                        3510.0
2634. nc4h3+c2h3=c6h6
                                                    2.87E+14
                                                                0.0
                                                                         817.0
                                                                      107430.0
2635. c6h6=c4h4+c2h2
                                                    9.00E+15
                                                                0.0
2636. c6h6+o2=c6h5+ho2
                                                                0.0
                                                    6.30E+13
                                                                       60000.0
2637. c6h6+ho2=c6h5+h2o2
                                                    5.40E+04
                                                                2.5
                                                                       27620.0
2638. c6h6+oh=c6h5+h2o
                                                    1.69E+13
                                                                0.0
                                                                        4574.0
2639. c6h6+h=c6h5+h2
                                                    2.50E+14
                                                                0.0
                                                                       16000.0
2640. c6h6+o=c6h5o+h
                                                    3.56E+01
                                                                3.8
                                                                        940.0
2641. c6h6+ch3=c6h5+ch4
                                                                0.0
                                                                       15000.0
                                                    2.00E+12
2642. c6h6+c2h5=c6h5+c2h6
                                                    2.00E+12
                                                                0.0
                                                                       15000.0
2643. c6h6+c2h3=c6h5+c2h4
                                                    2.00E+12
                                                                0.0
                                                                       15000.0
2644. c6h6+nc4h5=c6h5+c4h6
                                                    2.00E+12
                                                                0.0
                                                                       15000.0
2645. c6h6+ic4h5=c6h5+c4h6
                                                    2.00E+12
                                                                0.0
                                                                       15000.0
2646. c6h6+o=c6h5+oh
                                                    2.00E+13
                                                                0.0
                                                                       14700.0
2647. nc4h3+c2h2=c6h5
                                                    2.80E+03
                                                                2.9
                                                                        1400.0
2648. c6h5+o2=c6h5o+o
                                                    6.27E+12
                                                                0.0
                                                                        7470.0
2649. c6h4o2=c5h4o+co
                                                    1.00E+12
                                                                0.0
                                                                       40000.0
2650. c6h5+h=c6h6
                                                    2.20E+14
                                                                0.0
                                                                           0.0
2651. c6h5+ho2=c6h5o+oh
                                                    5.00E+13
                                                                0.0
                                                                        1000.0
2652. c6h5+oh=c6h5o+h
                                                    5.00E+13
                                                                0.0
                                                                           0 0
                                                                        1391.0
2653. c6h5+c2h=phc2h
                                                    3.00E+08
                                                                0.0
2654. c6h5+c2h4=styren+h
                                                    1.43E+08
                                                                1.2
                                                                        3540.0
2655. c6h5+c2h2=phc2h+h
                                                    1.00E+13
                                                                0.0
                                                                        7647.0
2656. c6h5+c4h2=phc2h+c2h
                                                    2.00E+13
                                                                0.0
                                                                           0.0
2657. c6h5+c4h4=phc2h+c2h3
                                                    1.00E+13
                                                                0.0
                                                                        7647.0
2658. c6h5oh+oh=c6h5o+h2o
                                                    6.00E+12
                                                                0.0
                                                                          0.0
2659. c6h5oh+h=c6h6+oh
                                                    2.21E+13
                                                                0.0
                                                                        7910.0
2660. c6h5oh+h=c6h5o+h2
                                                    1.15E+14
                                                                0.0
                                                                       12400.0
2661. c6h5oh+o=c6h5o+oh
                                                    2.81E+13
                                                               0.0
                                                                        7352.0
                                                    3.00E+02
2662. c6h5oh+ch3=c6h5o+ch4
                                                                3.0
                                                                        7650.0
2663. c6h5oh+c2h5=c6h5o+c2h6
                                                    3.00E+02
                                                               3.0
                                                                        7650.0
2664. c6h5oh+c2h3=c6h5o+c2h4
                                                    3.00E+02
                                                               3.0
                                                                        7650.0
2665. c6h5oh+nc4h5=c6h5o+c4h6
                                                    3.00E+02
                                                               3.0
                                                                        7650.0
2666. c6h5oh+ic4h5=c6h5o+c4h6
                                                    3.00E+02
                                                               3.0
                                                                        7650.0
2667. c6h5o+CPD=c6h5oh+c5h5
                                                    3.20E+11
                                                               0.0
                                                                        8000.0
2668. c6h5oh+c6h5=c6h5o+c6h6
                                                    3.00E+02
                                                                3.0
                                                                        7650.0
2669. c6h5o=c5h5+co
                                                    7.40E+11
                                                                0.0
                                                                       43917.0
2670. c6h5o+h(+m)=c6h5oh(+m)
                                                    2.50E+14
                                                                0.0
                                                                           0.0
     Low pressure limit: 0.10000E+95 -0.21840E+02 0.13880E+05
                          0.43000E-01 0.30400E+03 0.60000E+05 0.59000E+04
     TROE centering:
2671. c6h5o+h=CPD+co
                                                    1.06E+53 -10.7
                                                                      41360.0
2672. c6h5o+o=c5h5+co2
                                                    1.00E+13
                                                               0.0
                                                                           0.0
2673. che24one=>c6h5o+h
                                                    1.40E+15
                                                                0.0
                                                                       54000.0
2674. che24one+h=cyc5h7+co
                                                    2.51E+13
                                                                0.0
                                                                        4700.0
2675. che24one+o2=c6h5o+ho2
                                                    4.00E+12
                                                               0.0
                                                                       40000.0
2676. che24one+ho2=c6h5o+h2o2
                                                    9.63E+03
                                                                2.6
                                                                       13910.0
2677. che24one+oh=c6h5o+h2o
                                                    3.12E+06
                                                                2.0
                                                                        -298.0
2678. che24one+o=c6h5o+oh
                                                    2.60E+12
                                                               0.0
                                                                        4500.0
2679. che24one+h=c6h5o+h2
                                                    1.95E+13
                                                                0.0
                                                                        4445.0
2680. che24one+ch3=c6h5o+ch4
                                                    1.00E+11
                                                               0.0
                                                                        7300.0
2681. nc4h5+ac3h4=toluen+h
                                                    2.00E+11
                                                               0.0
                                                                        3700.0
2682. nc4h5+pc3h4=toluen+h
                                                    6.32E+11
                                                               0.0
                                                                        3700.0
2683. toluen=c6h5+ch3
                                                    1.40E+16
                                                               0.0
                                                                       99800.0
2684. toluen=phch2+h
                                                    3.00E+15
                                                               0.0
                                                                       88194.0
2685. toluen+o2=phch2+ho2
                                                    3.00E+14
                                                                0.0
                                                                       43062.0
2686. toluen+ho2=phch2+h2o2
                                                    3.00E+14
                                                                0.0
                                                                       22010.0
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	toluen+oh=phch2+h2o	1.77E+05	2.4	-602.0
	toluen+oh=c6h5oh+ch3	7.83E+02	2.9	3221.0
	toluen+o=phch2+oh	6.30E+11	0.0	0.0
	toluen+h=phch2+h2	1.26E+14	0.0	8364.0
2691.	toluen+h=c6h6+ch3	2.40E+13	0.0	5123.0
2692.	toluen+ch3=phch2+ch4	8.88E+10	0.0	8754.0
2693.	toluen+c2h5=phch2+c2h6	1.01E+11	0.0	9514.0
	toluen+c6h5=phch2+c6h6	2.10E+12	0.0	4400.0
	toluen+nc4h5=phch2+c4h6	4.00E+12	0.0	7500.0
	toluen+c2h3=phch2+c2h4	4.00E+12	0.0	7500.0
	phch2=c4h4+c3h3	2.00E+14	0.0	83600.0
	phch2=c5h5+c2h2	6.03E+13	0.0	70000.0
	phch2+o2=phhco+oh	6.31E+12	0.0	43000.0
	phch2+ho2=phch2o+oh	2.00E+13	0.0	0.0
	phch2+oh=phch2oh	2.00E+13	0.0	0.0
	phch2+o=phhco+h	1.58E+13	0.0	0.0
	phch2+o=c6h5+ch2o	1.00E+13	0.0	0.0
	phch2+c3h3=toluen+c3h2	1.00E+12	0.0	0.0
2705.	phch2+c6h5oh=toluen+c6h5o	1.05E+11	0.0	9500.0
2706.	phch2oh+o2=>phhco+ho2+h	2.00E+14	0.0	41400.0
2707.	phch2oh+oh=>phhco+h2o+h	8.43E+12	0.0	2583.0
2708.	phch2oh+h=c6h6+ch2oh	1.20E+13	0.0	5148.0
	phch2oh+phch2=>phhco+toluen+h	2.11E+11	0.0	9500.0
	phch2oh+c6h5=>phhco+c6h6+h	1.40E+12	0.0	4400.0
	phch2o=phhco+h	1.30E+14	0.0	1100.0
	phhco=phco+h	3.98E+15	0.0	83701.0
	phhco+o2=phco+ho2	1.02E+13	0.0	39000.0
	phhco+ho2=phco+h2o2	2.00E+12	0.0	11665.0
	phhco+oh=phco+h2o	1.71E+09	1.2	-447.0
			0.0	
	phhco+oh=c6h5oh+hco	1.20E+13		5123.0
	phhco+o=phco+oh	9.04E+12	0.0	3080.0
	phhco+h=phco+h2	5.00E+13	0.0	4928.0
	phhco+h=c6h6+hco	1.20E+13	0.0	5148.0
	phhco+ch3=phco+ch4	2.77E+03	2.8	5773.0
	phhco+c6h5=phco+c6h6	7.01E+11	0.0	4400.0
	phco=c6h5+co	3.98E+14	0.0	29401.0
	phco+o2=c6h5o+co2	3.00E+10	0.0	2870.0
2724.	phco+ho2=>c6h5+co2+oh	2.00E+13	0.0	0.0
2725.	phc2h5=c6h6+c2h4	1.15E+09	0.0	51699.0
2726.	phc2h5=phch2+ch3	5.00E+16	0.0	78127.0
2727.	phc2h5=c6h5+c2h5	5.00E+16	0.0	100399.0
2728.	phc2h5=Bphc2h4+h	2.51E+15	0.0	81260.0
2729.	phc2h5=Aphc2h4+h	8.00E+15	0.0	100226.0
2730.	phc2h5+o2=Aphc2h4+ho2	4.00E+13	0.0	50620.0
	phc2h5+o2=Bphc2h4+ho2	4.00E+13	0.0	38220.0
	phc2h5+h=c2h5+c6h6	2.40E+13	0.0	5123.0
	phc2h5+h=Aphc2h4+h2	7.20E+08	1.5	7412.0
	phc2h5+h=Bphc2h4+h2	3.30E+07	2.0	5346.0
	phc2h5+oh=Aphc2h4+h2o	1.99E+07	1.8	1133.0
	phc2h5+oh=Bphc2h4+h2o	7.09E+06	1.9	-1159.0
	phc2h5+o=Aphc2h4+oh	5.00E+08	1.5	5802.0
	phc2h5+o=Bphc2h4+oh	5.49E+05	2.5	2140.0
	phc2h5+ho2=Aphc2h4+h2o2	1.80E+04	2.5	16792.0
	phc2h5+ho2=Bphc2h4+h2o2	6.80E+03	2.5	10115.0
	phc2h5+ch3=Aphc2h4+ch4	2.75E-01	4.0	8287.0
	phc2h5+ch3=Bphc2h4+ch4	7.50E-01	3.5	4485.0
	Aphc2h4=styren+h	3.16E+13	0.0	50670.0
	Aphc2h4=c6h5+c2h4	1.00E+14	0.0	35000.0
	Bphc2h4=styren+h	1.80E+13	0.0	47025.0
	Bphc2h4+o2=styren+ho2	1.58E+12	0.0	15200.0
2747.	Bphc2h4+o=c6h5+ch3hco	1.60E+13	0.0	0.0

	Bphc2h4+o=phhco+ch3	1.60E+13	0.0	0.0
	Bphc2h4+oh=phhco+ch4	1.60E+13	0.0	0.0
2750.	Bphc2h4+ho2=>phhco+ch3+oh	5.00E+12	0.0	0.0
2751.	nc4h5+c4h4=styren+h	3.16E+11	0.0	3700.0
2752.	c4h4+c4h4=styren	1.48E+14	0.0	38003.0
2753.	c6h5+c2h3=styren	1.00E+13	0.0	0.0
2754.	styren=c6h6+c2h2	1.60E+11	0.0	58438.0
2755.	styren=ASTYRYL+h	5.00E+15	0.0	109400.0
2756.	styren=BSTYRYL+h	5.00E+15	0.0	109400.0
2757.	styren+o2=ASTYRYL+ho2	4.00E+13	0.0	59800.0
	styren+o2=BSTYRYL+ho2	4.00E+13	0.0	59800.0
	styren+oh=ASTYRYL+h2o	5.00E+12	0.0	6936.0
	styren+oh=BSTYRYL+h2o	5.00E+12	0.0	5936.0
	styren+h=ASTYRYL+h2	5.00E+13	0.0	15009.0
	styren+h=BSTYRYL+h2	5.00E+13	0.0	14009.0
	styren+ho2=ASTYRYL+h2o2	7.50E+10	0.0	14190.0
	styren+ho2=BSTYRYL+h2o2	7.50E+10	0.0	13190.0
	styren+o=phch2+hco	1.20E+08	1.4	530.0
	styren+o=c6h5+ch2hco	6.00E+07	1.4	530.0
	styren+c6h5=ASTYRYL+c6h6	2.00E+11	0.0	20000.0
	styren+c6h5=BSTYRYL+c6h6	2.00E+11	0.0	19000.0
	styren+c6h5o=ASTYRYL+c6h5oh	2.00E+11	0.0	20000.0
	styren+c6h5o=BSTYRYL+c6h5oh	2.00E+11	0.0	19000.0
	styren+c5h5=ASTYRYL+CPD	2.00E+11	0.0	20000.0
	styren+c5h5=BSTYRYL+CPD	2.00E+11 2.00E+11	0.0	19000.0
	styren+oh=c6h4c2h3+h2o	1.63E+07	1.4	1454.0
	styren+h=>c6h4c2h3+h2	1.03E+07 1.90E+07	2.0	9698.0
			1.0	
	styren+ho2=>phch2+hco+oh	2.50E+12		25000.0
	styren+ho2=>phhco+ch2+oh	2.50E+12	1.0	25000.0
	styren+h=c6h6+c2h3	2.40E+13	0.0	5123.0
	ASTYRYL+h=BSTYRYL+h	1.00E+14	0.0	0.0
	ASTYRYL=c6h5+c2h2	1.00E+14	0.0	36850.0
	ASTYRYL=phc2h+h	3.00E+12	0.0	37830.0
	ASTYRYL+o2=phhco+hco	2.00E+11	0.0	14000.0
	ASTYRYL+c6h5=phc2h+c6h6	1.00E+13	0.0	0.0
	BSTYRYL+o2=phco+ch2o	2.00E+11	0.0	14000.0
	BSTYRYL+o=c6h5+ch2co	1.60E+13	0.0	0.0
	BSTYRYL=phc2h+h	3.00E+12	0.0	48030.0
	BSTYRYL+c6h5=phc2h+c6h6	1.00E+13	0.0	0.0
	BSTYRYL+oh=phc2h+h2o	2.00E+13	0.0	0.0
	BSTYRYL+h=phc2h+h2	5.00E+13	0.0	0.0
	phch2hco+o2=>phch2co+ho2	2.00E+13	0.5	42200.0
	phch2hco+ho2=>phch2co+h2o2	4.09E+04	2.5	10204.0
	phch2hco+oh=>phch2co+h2o	2.69E+08	1.4	-1574.0
	phch2hco+o=>phch2co+oh	5.85E+12	0.0	1808.0
	phch2hco+h=>phch2co+h2	4.09E+09	1.2	2404.0
	phch2hco+ch3=>phch2co+ch4	3.50E-08	6.2	1639.0
	phch2hco=>phch2+hco	5.00E+16	0.0	71600.0
	phch2hco+h=c6h6+ch2hco	5.78E+13	0.0	8088.0
	phch2co=phch2+co	3.98E+14	0.0	29401.0
	phch2co+o2=phch2o+co2	3.00E+10	0.0	2870.0
	phch2co+ho2=>phch2+co2+oh	2.00E+13	0.0	0.0
	phcoch2=c6h5+ch2co	2.00E+13	0.0	51940.0
	phc2h+oh=>c6h6+hcco	1.00E+13	0.0	0.0
	phc2h+h=c6h4c2h+h2	5.00E+13	-0.5	1500.0
	phc2h+oh=c6h4c2h+h2o	1.05E+13	0.0	4565.0
	phc2h+c2h=c6h4c2h+c2h2	2.00E+13	0.0	0.0
	phc2h+o=c6h5cco+h	4.80E+09	1.0	0.0
	phc2h+ch3=c6h4c2h+ch4	1.67E+12	0.0	15057.0
	c6h4c2h+c2h2=A1c2hAC	1.90E+21	-2.9	8100.0
2808.	c6h4c2h+c2h2=A2-X	5.10E+48	-10.5	28000.0

2809.	c6h4c2h+h=phc2h	4.20E+11	0.5	-71.7
2810.	c6h5cco+o2=phco+co2	1.00E+12	0.0	0.0
2811.	pbz=c6h5+nc3h7	1.00E+17	0.0	86500.0
2812.	pbz=phch2+c2h5	8.00E+15	0.0	73500.0
2813.	pbz=Aphc2h4+ch3	1.00E+17	0.0	77500.0
	pbz=pbzjA+h	9.00E+15	0.0	100210.0
	pbz=pbzjB+h	6.00E+15	0.0	99110.0
	pbz=pbzjC+h	6.00E+15	0.0	86210.0
	pbz+o2=pbzjA+ho2	4.00E+13	0.0	50600.0
	pbz+o2=pbzjB+ho2	4.00E+13	0.0	49500.0
	pbz+o2=pbzjC+ho2	4.00E+13	0.0	35800.0
	pbz+h=nc3h7+c6h6	2.40E+13	0.0	5123.0
	pbz+h=pbzjA+h2	1.33E+06	2.5	6756.0
2822.	pbz+h=pbzjB+h2	1.30E+06	2.4	4470.0
2823.	pbz+h=pbzjC+h2	1.01E+04	2.9	1931.0
2824.	pbz+o=pbzjA+oh	1.93E+05	2.7	3716.0
2825.	pbz+o=pbzjB+oh	4.77E+04	2.7	2106.0
	pbz+o=pbzjC+oh	4.77E+04	2.7	1106.0
	pbz+oh=pbzjA+h2o	3.16E+07	1.8	934.0
	pbz+oh=pbzjB+h2o	7.08E+06	1.9	-159.0
	pbz+oh=pbzjC+h2o	2.65E+12	0.0	0.0
	pbz+ho2=pbzjA+h2o2	4.76E+04	2.5	16494.0
	pbz+ho2=pbzjB+h2o2	9.64E+03	2.6	13910.0
	pbz+ho2=pbzjC+h2o2	9.64E+03	2.6	12910.0
	pbz+ch3=pbzjA+ch4	2.75E-01	3.6	7150.0
	pbz+ch3=pbzjB+ch4	6.00E+11	0.0	10120.0
	pbz+ch3=pbzjC+ch4	6.00E+11	0.0	10120.0
2836.	pbz+c2h3=pbzjA+c2h4	6.00E+02	3.3	10502.0
2837.	pbz+c2h3=pbzjB+c2h4	1.00E+03	3.1	8829.0
2838.	pbz+c2h3=pbzjC+c2h4	1.00E+03	3.1	8829.0
2839.	pbz+c2h5=pbzjA+c2h6	3.16E+11	0.0	12300.0
	pbz+c2h5=pbzjB+c2h6	5.01E+10	0.0	10400.0
	pbz+c2h5=pbzjC+c2h6	5.01E+10	0.0	10400.0
	pbz+ac3h5=pbzjA+c3h6	7.94E+11	0.0	20500.0
	pbz+ac3h5=pbzjB+c3h6	7.94E+11	0.0	16200.0
	pbz+ac3h5=pbzjC+c3h6	7.94E+11	0.0	16200.0
	pbz+tc3h5=pbzjA+c3h6	7.94E+11	0.0	20500.0
	pbz+tc3h5=pbzjB+c3h6	7.94E+11	0.0	16200.0
	pbz+tc3h5=pbzjC+c3h6	7.94E+11	0.0	16200.0
	pbz+sc3h5=pbzjA+c3h6	7.94E+11	0.0	20500.0
	pbz+sc3h5=pbzjB+c3h6	7.94E+11	0.0	16200.0
	pbz+sc3h5=pbzjC+c3h6	7.94E+11	0.0	16200.0
	pbz+c6h5=pbzjA+c6h6	7.94E+11	0.0	20500.0
	pbz+c6h5=pbzjB+c6h6	7.94E+11	0.0	16200.0
	pbz+c6h5=pbzjC+c6h6	7.94E+11	0.0	16200.0
2854.	pbz+phch2=pbzjA+toluen	7.94E+11	0.0	20500.0
	pbz+phch2=pbzjB+toluen	7.94E+11	0.0	16200.0
	pbz+phch2=pbzjC+toluen	7.94E+11	0.0	16200.0
	pbz+Bphc2h4=pbzjA+phc2h5	7.94E+11	0.0	2050.0
	pbz+Bphc2h4=pbzjB+phc2h5	7.94E+11	0.0	1620.0
	pbz+Bphc2h4=pbzjC+phc2h5	7.94E+11	0.0	1620.0
	pbz+ch3o=pbzjA+ch3oh	3.18E+11	0.0	7050.0
	pbz+ch3o=pbzjB+ch3oh	7.20E+10	0.0	4470.0
	pbz+ch3o=pbzjC+ch3oh	7.20E+10	0.0	4470.0
	pbzjB=BPHPROPY	2.00E+11	0.0	20000.0
	pbzjA=phch2+c2h4	2.00E+13	0.0	12836.0
	pbzjB=c6h5+c3h6	2.00E+13	0.0	35390.0
	pbzjC=styren+ch3	1.00E+14	0.0	34860.0
	BPHPROPY=styren+ch3	1.00E+14	0.0	24000.0
2868.	pbzjB+o=phch2+ch3hco	1.60E+13	0.0	0.0
2869.	pbzjB+oh=toluen+ch3hco	1.60E+13	0.0	0.0

2870.	pbzjB+ho2=>phch2+ch3hco+oh	5.00E+12	0.0	0.0
2871.	pbzjC+o=phhco+c2h5	1.60E+13	0.0	0.0
2872.	pbzjC+oh=phhco+c2h6	1.60E+13	0.0	0.0
2873.	pbzjC+ho2=>phhco+c2h5+oh	5.00E+12	0.0	0.0
	phc3h5-1=phch2+c2h3	8.00E+15	0.0	88500.0
	phc3h5-1=phc3h4+h	1.40E+15	0.0	86250.0
	phc3h5-1+h=phc3h4+h2	2.63E+14	0.0	8820.0
	phc3h5-1+o=phc3h4+oh	4.00E+11	0.7	-2100.0
	phc3h5-1+oh=phc3h4+h2o	3.12E+06	2.0	-1300.0
	phc3h5-1+ho2=phc3h4+h2o2	2.66E+11	0.0	11270.0
	phc3h5-1+o2=phc3h4+ho2	1.95E+12	0.0	38000.0
	phc3h5-1+ch3=phc3h4+ch4	1.90E+12	0.0	9010.0
	phc3h5-1+c6h5=phc3h4+c6h6	2.80E+12	0.0	11220.0
2883.	phc3h5-1+phch2=phc3h4+toluen	2.80E+12	0.0	11220.0
2884.	phc3h5-1+Aphc2h4=phc3h4+phc2h5	2.80E+12	0.0	11220.0
2885.	phc3h5-1+h=c6h6+ac3h5	2.40E+13	0.0	5123.0
	phc3h5-1+ho2=>Aphc2h4+hco+oh	2.50E+12	1.0	25000.0
	phc3h5-1+ho2=>phch2co+ch3+oh	2.50E+12	1.0	25000.0
	phc3h5-1+o=styren+ch2o	7.02E+07	1.6	-1628.0
	phc3h5-1+o=phhco+c2h4	4.69E+07	1.6	-1628.0
	phc3h5-1+oh=>Aphc2h4+ch2o	1.00E+12	0.0	0.0
	phc3h5-1+oh=>phch2hco+ch3	1.00E+12	0.0	0.0
	phc3h5-2=ASTYRYL+ch3	3.00E+17	0.0	99000.0
	<del>-</del>			
	phc3h5-2=c6h5+sc3h5	8.00E+15	0.0	163800.0
	phc3h5-2=phc3h4+h	2.10E+15	0.0	88230.0
	phc3h5-2+h=phc3h4+h2	5.00E+13	0.0	3900.0
	phc3h5-2+o=phc3h4+oh	1.75E+11	0.7	5884.0
	phc3h5-2+oh=phc3h4+h2o	2.25E+13	0.0	2217.0
	phc3h5-2+ho2=phc3h4+h2o2	3.20E+12	0.0	14900.0
2899.	phc3h5-2+o2=phc3h4+ho2	1.95E+12	0.0	39000.0
2900.	phc3h5-2+ch3=phc3h4+ch4	1.00E+11	0.0	7300.0
2901.	phc3h5-2+c6h5=phc3h4+c6h6	2.80E+12	0.0	11220.0
2902.	phc3h5-2+phch2=phc3h4+toluen	2.80E+12	0.0	11220.0
	phc3h5-2+Aphc2h4=phc3h4+phc2h5	2.80E+12	0.0	11220.0
	phc3h5-2+o=phhco+c2h4	7.00E+07	1.6	-628.0
	phc3h5-2+o=styren+ch2o	4.70E+07	1.6	-628.0
	phc3h5-2+oh=>phhco+c2h5	2.60E+13	0.0	0.0
	phc3h5-2+oh=>phch2+ch3hco	2.60E+13	0.0	0.0
	phc3h5-2+oh=Cphc3h5ohB	4.75E+12	0.0	-782.0
	phc3h5-2+oh=Bphc3h5ohC	4.75E+12	0.0	-782.0
			0.0	
	phc3h4+ho2=Cophc3h4-1+oh	1.90E+12		-1200.0
	phc3h4+ho2=Aophc3h4-2+oh	1.90E+12	0.0	-1200.0
	phc3h4+ch3o2=Cophc3h4-1+ch3o	1.90E+12	0.0	-1200.0
	phc3h4+ch3o2=Aophc3h4-2+ch3o	1.90E+12	0.0	-1200.0
	phc3h4+c2h5o2=Cophc3h4-1+c2h5o	1.90E+12	0.0	-1200.0
	phc3h4+c2h5o2=Aophc3h4-2+c2h5o	1.90E+12	0.0	-1200.0
	phc3h4+nc3h7o2=Cophc3h4-1+nc3h7o	1.90E+12	0.0	-1200.0
2917.	phc3h4+nc3h7o2=Aophc3h4-2+nc3h7o	1.90E+12	0.0	-1200.0
2918.	phc3h4+ic3h7o2=Cophc3h4-1+ic3h7o	1.90E+12	0.0	-1200.0
2919.	phc3h4+ic3h7o2=Aophc3h4-2+ic3h7o	1.90E+12	0.0	-1200.0
2920.	phc3h4+o2=phhco+ch2hco	1.06E+10	0.3	12838.0
2921.	Cophc3h4-1=phhco+c2h3	7.94E+14	0.0	19000.0
	Aophc3h4-2=ch2o+ASTYRYL	7.94E+14	0.0	19000.0
	Cphc3h5ohB+o2=pbzohBqjC	4.58E+11	0.0	-378.0
	Bphc3h5ohC+o2=pbzohCqjB	2.00E+12	0.0	0.0
	Bphc3h5ohA+o2=pbzohAqjB	2.00E+12	0.0	0.0
	Aphc3h5ohB+o2=pbzohBqjA	2.00E+12 2.00E+12	0.0	0.0
	pbzohBqjC=phhco+ch3hco+oh	1.00E+12	0.0	25000.0
	pbzohBqJC=pimco+ch3hco+oh pbzohCqjB=phhco+ch3hco+oh			
		1.00E+16	0.0	25000.0
	pbzohAqjB=phch2hco+ch2o+oh	1.00E+16	0.0	25000.0
∠93U.	pbzohBqjA=phch2hco+ch2o+oh	1.00E+16	0.0	25000.0

2931.	phc2h4hco+o2=>phc2h4co+ho2	2.00E+13	0.5	42200.0
2932.	phc2h4hco+ho2=>phc2h4co+h2o2	1.70E+12	0.0	10700.0
2933.	phc2h4hco+oh=>phc2h4co+h2o	2.35E+10	0.7	-1113.0
2934.	phc2h4hco+o=>phc2h4co+oh	5.85E+12	0.0	1808.0
2935.	phc2h4hco+h=>phc2h4co+h2	5.54E+02	3.5	5167.0
2936.	phc2h4hco+ch3=>phc2h4co+ch4	2.25E+00	4.0	8285.0
	phc2h4hco=>Aphc2h4+hco	5.00E+16	0.0	72250.0
	phc2h4co=Aphc2h4+co	8.00E+13	0.0	30000.0
	phc2h4co+ho2=>Aphc2h4+co2+oh		0.0	0.0
	phch2coch2=phch2+ch2co	4.00E+13	0.0	13500.0
	phcoc2h4=phco+c2h4	4.00E+13	0.0	27870.0
	phcoc2h4+o2=phcoc2h3+ho2	5.00E+12	0.0	5000.0
	phcoc2h3=>phco+c2h3		-2.0	83950.0
	phcoc2h3=>c6h5+c2h3co		-2.0	83950.0
	phch2+phch2=c14h14	2.51E+11	0.4	0.0
			0.4	7000.0
	c5h5+c5h5=napht+h2	1.00E+13		
	c5h5+c5h5=napht+h+h	2.00E+13	0.0	4000.0
	Alc2h3AC=napht+h	1.00E+10	0.0	4780.1
	phch2+c3h3=c10h10	1.00E+10	0.0	0.0
	napht+h=c10h9	5.00E+14	0.0	5000.0
	napht=A2-X+h	4.50E+15	0.0	107433.1
	napht+h=A2-X+h2	2.50E+14	0.0	15999.0
	napht+oh=A2-X+h2o	1.63E+08	1.4	1450.8
	napht+ch3=A2-X+ch4	2.00E+12	0.0	15060.0
	napht+o=A2O+h	2.23E+13	0.0	4530.7
	napht+o=A2-X+oh	2.00E+13	0.0	14704.0
2957.	napht+o2=A2-X+ho2	6.30E+13	0.0	60000.0
2958.	A2-X+ho2=A2O+oh	5.00E+13	0.0	999.0
2959.	A2-X+o2=A2O+o	2.09E+12	0.0	7468.9
2960.	A2-X+oh=A2O+h	5.00E+13	0.0	0.0
2961.	A2O+h=A2oh	5.06E+14	0.0	0.0
2962.	A2O=>indenyl+co	7.40E+11	0.0	43853.0
2963.	A2oh+oh=A2O+h2o	3.00E+13	0.0	0.0
2964.	A2oh+h=A2O+h2	1.15E+14	0.0	12399.6
2965.	A2oh+h=napht+oh	2.23E+13	0.0	7927.8
2966.	A2oh+o=A2O+oh	1.26E+13	0.0	2899.1
2967.	c10h10+oh=c10h9+h2o	5.00E+06	2.0	0.0
2968.	c10h10+o=c10h9+oh	7.00E+11	0.7	6000.0
2969.	c10h10+h=c10h9+h2	2.00E+05	2.5	2500.0
	c10h9+h=c10h10	1.00E+14	0.0	0.0
	c6h4c2h3+c2h2=A1c2h3AC	5.00E+12	0.0	0.0
	pch=c2h5+mchA	6.50E+16	0.0	84000.0
	pch=ch3+echA	6.50E+16	0.0	85000.0
	pch=nc3h7+cyc6h11	6.50E+16	0.0	84000.0
	pch=>c2h4+c2h4+c5h10	1.30E+17	0.0	84000.0
	pch=>c2h4+nc3h7+Dc4h7-1	1.30E+17	0.0	84000.0
	pch=>3c2h4+c3h6	1.30E+17	0.0	84000.0
	pch=pchA+h	9.00E+15	0.0	100220.0
	pch=pchB+h	6.00E+15	0.0	99120.0
	pch=pchC+h	6.00E+15	0.0	99120.0
	pch=pchD+h			
		3.00E+15	0.0	99520.0
	pch=pchE+h	6.00E+15	0.0	99520.0
	pch=pchF+h	6.00E+15	0.0	99520.0
	pch=pchG+h	6.00E+15	0.0	99520.0
	pch+o2=pchA+ho2	2.10E+13	0.0	50610.0
	pch+o2=pchB+ho2	1.40E+13	0.0	49510.0
	pch+o2=pchC+ho2	1.40E+13	0.0	49510.0
	pch+o2=pchD+ho2	7.00E+11	0.0	49910.0
	pch+o2=pchE+ho2	1.40E+13	0.0	49910.0
	pch+o2=pchF+ho2	1.40E+13	0.0	49910.0
2991.	pch+o2=pchG+ho2	1.40E+13	0.0	49910.0

2992. pch+oh=pchA+h2o	3.16E+07	1.8	934.0
2993. pch+oh=pchB+h2o	3.00E+09	1.0	260.0
2994. pch+oh=pchC+h2o	3.00E+09	1.0	260.0
2995. pch+oh=pchD+h2o	5.50E+12	0.0	790.0
2996. pch+oh=pchE+h2o	1.10E+13	0.0	790.0
2997. pch+oh=pchF+h2o	1.10E+13	0.0	790.0
2998. pch+oh=pchG+h2o	5.50E+12	0.0	790.0
2999. pch+ho2=pchA+h2o2	2.38E+04	2.5	16494.0
3000. pch+ho2=pchB+h2o2	9.64E+03	2.6	13910.0
3001. pch+ho2=pchC+h2o2	9.64E+03	2.6	13910.0
3002. pch+ho2=pchD+h2o2	3.61E+03	2.5	10532.0
3003. pch+ho2=pchE+h2o2	1.93E+04	2.6	13910.0
		2.6	
3004. pch+ho2=pchF+h2o2	1.93E+04		13910.0
3005. pch+ho2=pchG+h2o2	9.64E+03	2.6	13910.0
3006. pch+h=pchA+h2	6.68E+05	2.5	6756.0
3007. pch+h=pchB+h2	1.30E+06	2.4	4471.0
3008. pch+h=pchC+h2	1.30E+06	2.4	4471.0
3009. pch+h=pchD+h2	6.02E+05	2.4	2583.0
3010. pch+h=pchE+h2	2.60E+06	2.4	4471.0
3011. pch+h=pchF+h2	2.60E+06	2.4	4471.0
3012. pch+h=pchG+h2	1.30E+06	2.4	4471.0
3013. pch+o=pchA+oh	1.87E+06	2.4	5505.0
3014. pch+o=pchB+oh	5.49E+05	2.5	3140.0
3015. pch+o=pchC+oh	5.49E+05	2.5	3140.0
3016. pch+o=pchD+oh	3.83E+05	2.4	1140.0
3017. pch+o=pchE+oh	1.10E+06	2.5	2830.0
3018. pch+o=pchF+oh	1.10E+06	2.5	2830.0
3019. pch+o=pchG+oh	5.51E+05	2.5	2830.0
3020. pch+ch3=pchA+ch4	1.50E+12	0.0	11710.0
3021. pch+ch3=pchB+ch4	8.07E+11	0.0	10110.0
3022. pch+ch3=pchC+ch4	8.07E+11	0.0	10110.0
3023. pch+ch3=pchD+ch4	6.01E-10	6.4	893.0
3024. pch+ch3=pchE+ch4	3.02E+00	3.5	5481.0
3025. pch+ch3=pchF+ch4		3.5	
<u> </u>	3.02E+00		5481.0
3026. pch+ch3=pchG+ch4	1.51E+00	3.5	5481.0
3027. pch+c2h5=pchA+c2h6	4.52E-01	3.6	9141.0
3028. pch+c2h5=pchB+c2h6	1.21E+00	3.5	7472.0
3029. pch+c2h5=pchC+c2h6	1.21E+00	3.5	7472.0
3030. pch+c2h5=pchD+c2h6	6.01E-10	6.4	893.0
3031. pch+c2h5=pchE+c2h6	3.02E+00	3.5	5481.0
3032. pch+c2h5=pchF+c2h6	3.02E+00	3.5	5481.0
3033. pch+c2h5=pchG+c2h6	1.51E+00	3.5	5481.0
3034. pch+c2h3=pchA+c2h4	3.00E+02	3.3	10502.0
3035. pch+c2h3=pchB+c2h4	1.00E+03	3.1	8829.0
3036. pch+c2h3=pchC+c2h4	1.00E+03	3.1	8829.0
3037. pch+c2h3=pchD+c2h4	6.01E-10	6.4	893.0
3038. pch+c2h3=pchE+c2h4	3.02E+00	3.5	5481.0
3039. pch+c2h3=pchF+c2h4	3.02E+00	3.5	5481.0
3040. pch+c2h3=pchG+c2h4	1.51E+00	3.5	5481.0
3041. pch+ac3h5=pchA+c3h6	2.17E+02	3.3	19852.0
3042. pch+ac3h5=pchB+c3h6	7.87E+01	3.3	18163.0
3043. pch+ac3h5=pchC+c3h6	7.87E+01	3.3	18163.0
3044. pch+ac3h5=pchD+c3h6	6.01E-10	6.4	893.0
3045. pch+ac3h5=pchE+c3h6	3.02E+00	3.5	5481.0
3046. pch+ac3h5=pchF+c3h6	3.02E+00	3.5	5481.0
3047. pch+ac3h5=pchG+c3h6	1.51E+00	3.5	5481.0
3048. pch+sc3h5=pchA+c3h6	2.17E+02	3.3	19852.0
3049. pch+sc3h5=pchB+c3h6	7.87E+01	3.3	18163.0
3050. pch+sc3h5=pchC+c3h6	7.87E+01	3.3	18163.0
3051. pch+sc3h5=pchD+c3h6	6.01E-10	6.4	893.0
3052. pch+sc3h5=pchE+c3h6	3.02E+00	3.5	5481.0
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3053.	pch+sc3h5=pchF+c3h6	3.02E+00	3.5	5481.0
3054.	pch+sc3h5=pchG+c3h6	1.51E+00	3.5	5481.0
3055.	pch+tc3h5=pchA+c3h6	2.17E+02	3.3	19852.0
	pch+tc3h5=pchB+c3h6	7.87E+01	3.3	18163.0
	pch+tc3h5=pchC+c3h6	7.87E+01	3.3	18163.0
	pch+tc3h5=pchD+c3h6	6.01E-10	6.4	893.0
	pch+tc3h5=pchE+c3h6	3.02E+00	3.5	5481.0
	pch+tc3h5=pchF+c3h6	3.02E+00	3.5	5481.0
	pch+tc3h5=pchG+c3h6	1.51E+00	3.5	5481.0
	pch+hco=pchA+ch2o	1.02E+05	2.5	18441.0
	pch+hco=pchB+ch2o	1.08E+07	1.9	17010.0
	pch+hco=pchC+ch2o	1.08E+07	1.9	17010.0
	pch+hco=pchD+ch2o	2.25E+11	0.0	9540.0
	pch+hco=pchE+ch2o	4.50E+11	0.0	9540.0
3067.	pch+hco=pchF+ch2o	4.50E+11	0.0	9540.0
3068.	pch+hco=pchG+ch2o	2.25E+11	0.0	9540.0
3069.	pch+ch3o=pchA+ch3oh	1.59E+11	0.0	7050.0
3070.	pch+ch3o=pchB+ch3oh	7.20E+10	0.0	4470.0
	pch+ch3o=pchC+ch3oh	7.20E+10	0.0	4470.0
	pch+ch3o=pchD+ch3oh	2.29E+10	0.0	2873.0
	pch+ch3o=pchE+ch3oh	2.90E+11	0.0	4571.0
	pch+ch3o=pchF+ch3oh	2.90E+11	0.0	4571.0
	pch+ch3o=pchG+ch3oh	1.45E+11	0.0	4571.0
	pch+Dc4h7-1=pchA+c4h8			
	<u>-</u>	4.52E-01	3.6	9141.0
	pch+Dc4h7-1=pchB+c4h8	1.21E+00	3.5	7472.0
	pch+Dc4h7-1=pchC+c4h8	1.21E+00	3.5	7472.0
	pch+Dc4h7-1=pchD+c4h8	6.01E-10	6.4	893.0
	pch+Dc4h7-1=pchE+c4h8	3.02E+00	3.5	5481.0
	pch+Dc4h7-1=pchF+c4h8	3.02E+00	3.5	5481.0
3082.	pch+Dc4h7-1=pchG+c4h8	1.51E+00	3.5	5481.0
3083.	pchA=mchA+c2h4	2.00E+13	0.0	42000.0
3084.	pchB=cyc6h11+c3h6	2.00E+13	0.0	42000.0
3085.	pchC=eche1+ch3	2.00E+13	0.0	45000.0
	pchC=>c2h4+c2h4+Cc5h9-1	2.00E+13	0.0	42000.0
	pchD=c2h5+mche1	2.00E+13	0.0	42000.0
	pchE=cyc6h10+nc3h7	5.00E+12	0.0	39500.0
	pchD=>c2h4+p2c4h614	2.00E+13	0.0	45000.0
	pchE=>c2h4+c4h6+nc3h7	2.00E+13	0.0	44000.0
	pchF=>c5h10+Dc4h7-1	1.00E+13	0.0	50000.0
	pchF=>c2h5+c7h12-16		0.0	
		2.00E+13		45000.0
	pchF=>c2h4+Dc7h13-1	2.00E+13	0.0	45000.0
	pchG=>c5h10+Dc4h7-1	2.00E+13	0.0	50000.0
	pchG=>nc3h7+c6h10-15	2.00E+13	0.0	45000.0
	pchA=pche1+h	2.40E+13	0.0	36450.0
	pchB=pche1+h	3.60E+13	0.0	36050.0
	pchB=pche2+h	2.40E+13	0.0	33250.0
	pchC=pche2+h	2.40E+13	0.0	33250.0
3100.	pchC=pche3+h	1.20E+13	0.0	30370.0
3101.	pchD=pche3+h	2.40E+13	0.0	29970.0
3102.	pchD=pche4+h	4.80E+13	0.0	31690.0
	pchE=pche4+h	1.20E+13	0.0	31690.0
	pchE=pche5+h	2.40E+13	0.0	32625.0
	pchF=pche5+h	2.40E+13	0.0	32625.0
	pchF=pche6+h	2.40E+13	0.0	32965.0
	pchG=pche6+h	4.80E+13	0.0	32965.0
	pcha+o2=pche1+ho2	1.90E+12	0.0	5000.0
			0.0	
	pchB+o2=pche1+ho2	2.85E+12		5000.0
	pchB+o2=pche2+ho2	1.90E+12	0.0	5000.0
	pchC+o2=pche2+ho2	1.90E+12	0.0	5000.0
	pchC+o2=pche3+ho2	9.50E+11	0.0	5000.0
3113.	pchD+o2=pche3+ho2	1.90E+12	0.0	5000.0

3114.	pchD+o2=pche4+ho2	3.80E+12	0.0	5000.0
3115.	pchE+o2=pche4+ho2	9.50E+11	0.0	5000.0
3116.	pchE+o2=pche5+ho2	1.90E+12	0.0	5000.0
3117.	pchF+o2=pche5+ho2	1.90E+12	0.0	5000.0
3118.	pchF+o2=pche6+ho2	1.90E+12	0.0	5000.0
	pchG+o2=pche6+ho2	3.80E+12	0.0	5000.0
	pchA+o=ch2o+echA	2.00E+13	0.0	4000.0
	pchB+o=ch3hco+mchA	2.00E+13	0.0	4000.0
	pchB+o=ch3+echoA	2.00E+13	0.0	4000.0
	pchC+o=ethco+cyc6h11	2.00E+13	0.0	4000.0
	pchC+o=c2h5+mchoA	2.00E+13	0.0	4000.0
	pchD+o=nc3h7+chxone	2.00E+13	0.0	4000.0
	pchE+o=>c5h10+c2h4+ch2hco	2.00E+13	0.0	4000.0
	pchE+o=>2c2h4+c2h5+acrol	2.00E+13	0.0	4000.0
	pchF+o=>c5h10+c2h4+ch2hco	2.00E+13	0.0	4000.0
	pchF+o=>ac3h5hco+c2h4+nc3h7	2.00E+13	0.0	4000.0
	pchG+o=>c5h10+c2h4+ch2hco	2.00E+13	0.0	4000.0
	pchA+oh=ch2o+ech	2.00E+13	0.0	4000.0
	pchB+oh=ch3hco+mch	2.00E+13 2.00E+13	0.0	4000.0
	pchB+oh=ch3hco+mch pchB+oh=ch4+echoA	2.00E+13 2.00E+13	0.0	4000.0
	<del>-</del>			
	pchC+oh=ethco+cyc6h12	2.00E+13	0.0	4000.0
	pchC+oh=c2h6+mchoA	2.00E+13	0.0	4000.0
	pchD+oh=c3h8+chxone	2.00E+13	0.0	4000.0
	pchE+oh=>c5h10+c2h4+ch3hco	2.00E+13	0.0	4000.0
	pchE+oh=>2c2h4+c2h6+acrol	2.00E+13	0.0	4000.0
	pchF+oh=>c5h10+c2h4+ch3hco	2.00E+13	0.0	4000.0
	pchF+oh=>ac3h5hco+c2h4+c3h8	2.00E+13	0.0	4000.0
	pchG+oh=>c5h10+c2h4+ch3hco	2.00E+13	0.0	4000.0
	pchA+ho2=>ch2o+echA+oh	5.00E+12	0.0	0.0
	pchB+ho2=>ch3hco+mchA+oh	5.00E+12	0.0	0.0
	pchB+ho2=>ch3+echoA+oh	5.00E+12	0.0	0.0
	pchC+ho2=>ethco+cyc6h11+oh	5.00E+12	0.0	0.0
	pchC+ho2=>c2h5+mchoA+oh	5.00E+12	0.0	0.0
	pchD+ho2=>nc3h7+chxone+oh	5.00E+12	0.0	0.0
	pchE+ho2=>c5h10+c2h4+ch2hco+oh	5.00E+12	0.0	0.0
	pchE+ho2=>2c2h4+c2h5+acrol+oh	5.00E+12	0.0	0.0
	pchF+ho2=>c5h10+c2h4+ch2hco+oh	5.00E+12	0.0	0.0
	pchF+ho2=>ac3h5hco+c2h4+nc3h7+oh	5.00E+12	0.0	0.0
	pchG+ho2=>c5h10+c2h4+ch2hco+oh	5.00E+12	0.0	0.0
	pchE=pchB	4.00E+11	0.0	16100.0
	pchG=pchB	2.00E+11	0.0	18100.0
	pchD=pchA	6.20E+09	0.6	26190.0
	pchE=pchA	4.00E+11	0.0	11100.0
	pchF=pchA	4.00E+11	0.0	18100.0
	pchF=pchC	4.00E+11	0.0	18100.0
	pchG=pchC	4.00E+11	0.0	11100.0
	pchA+o2=pchqjA	4.82E+36	-8.2	5167.0
	pchB+o2=pchqjB	1.84E+45	-11.1	6538.0
	pchC+o2=pchqjC	1.84E+45	-11.1	6538.0
	pchD+o2=pchqjD	1.84E+45	-11.1	6538.0
	pchE+o2=pchqjE	1.84E+45	-11.1	6538.0
	pchF+o2=pchqjF	1.84E+45	-11.1	6538.0
	pchG+o2=pchqjG	1.84E+45	-11.1	6538.0
	pchA+ho2=pchojA+oh	7.00E+12	0.0	-1000.0
	pchB+ho2=pchojB+oh	7.00E+12	0.0	-1000.0
	pchC+ho2=pchojC+oh	7.00E+12	0.0	-1000.0
	pchD+ho2=pchojD+oh	7.00E+12	0.0	-1000.0
	pchE+ho2=pchojE+oh	7.00E+12	0.0	-1000.0
	pchF+ho2=pchojF+oh	7.00E+12	0.0	-1000.0
	pchG+ho2=pchojG+oh	7.00E+12	0.0	-1000.0
3174.	pchA+ch3o2=pchojA+ch3o	7.00E+12	0.0	-1000.0

3175.	pchB+ch3o2=pchojB+ch3o	7.00E+12	0.0	-1000.0
3176.	pchC+ch3o2=pchojC+ch3o	7.00E+12	0.0	-1000.0
	pchD+ch3o2=pchojD+ch3o	7.00E+12	0.0	-1000.0
	pchE+ch3o2=pchojE+ch3o	7.00E+12	0.0	-1000.0
	pchF+ch3o2=pchojF+ch3o	7.00E+12	0.0	-1000.0
	pchG+ch3o2=pchojG+ch3o	7.00E+12	0.0	-1000.0
3181.	pchA+c2h5o2=pchojA+c2h5o	7.00E+12	0.0	-1000.0
3182.	pchB+c2h5o2=pchojB+c2h5o	7.00E+12	0.0	-1000.0
	pchC+c2h5o2=pchojC+c2h5o	7.00E+12	0.0	-1000.0
	pchD+c2h5o2=pchojD+c2h5o	7.00E+12	0.0	-1000.0
	pchE+c2h5o2=pchojE+c2h5o	7.00E+12	0.0	-1000.0
	pchF+c2h5o2=pchojF+c2h5o	7.00E+12	0.0	-1000.0
	pchG+c2h5o2=pchojG+c2h5o	7.00E+12	0.0	-1000.0
3188.	pchA+nc3h7o2=pchojA+nc3h7o	7.00E+12	0.0	-1000.0
3189.	pchB+nc3h7o2=pchojB+nc3h7o	7.00E+12	0.0	-1000.0
3190.	pchC+nc3h7o2=pchojC+nc3h7o	7.00E+12	0.0	-1000.0
	pchD+nc3h7o2=pchojD+nc3h7o	7.00E+12	0.0	-1000.0
	pchE+nc3h7o2=pchojE+nc3h7o	7.00E+12	0.0	-1000.0
		7.00E+12	0.0	-1000.0
	pchF+nc3h7o2=pchojF+nc3h7o			
	pchG+nc3h7o2=pchojG+nc3h7o	7.00E+12	0.0	-1000.0
	pchA+pchqjA=2pchojA	7.00E+12	0.0	-1000.0
3196.	pchB+pchqjA=pchojB+pchojA	7.00E+12	0.0	-1000.0
3197.	pchC+pchqjA=pchojC+pchojA	7.00E+12	0.0	-1000.0
3198.	pchD+pchqjA=pchojD+pchojA	7.00E+12	0.0	-1000.0
	pchE+pchqjA=pchojE+pchojA	7.00E+12	0.0	-1000.0
	pchF+pchqjA=pchojF+pchojA	7.00E+12	0.0	-1000.0
			0.0	-1000.0
	pchG+pchqjA=pchojG+pchojA	7.00E+12		
	pchA+pchqjB=pchojA+pchojB	7.00E+12	0.0	-1000.0
	pchB+pchqjB=2pchojB	7.00E+12	0.0	-1000.0
3204.	pchC+pchqjB=pchojC+pchojB	7.00E+12	0.0	-1000.0
3205.	pchD+pchqjB=pchojD+pchojB	7.00E+12	0.0	-1000.0
3206.	pchE+pchqjB=pchojE+pchojB	7.00E+12	0.0	-1000.0
	pchF+pchqjB=pchojF+pchojB	7.00E+12	0.0	-1000.0
	pchG+pchqjB=pchojG+pchojB	7.00E+12	0.0	-1000.0
			0.0	-1000.0
	pchA+pchqjC=pchojA+pchojC	7.00E+12		
	pchB+pchqjC=pchojB+pchojC	7.00E+12	0.0	-1000.0
	pchC+pchqjC=2pchojC	7.00E+12	0.0	-1000.0
3212.	pchD+pchqjC=pchojD+pchojC	7.00E+12	0.0	-1000.0
3213.	pchE+pchqjC=pchojE+pchojC	7.00E+12	0.0	-1000.0
3214.	pchF+pchqjC=pchojF+pchojC	7.00E+12	0.0	-1000.0
	pchG+pchqjC=pchojG+pchojC	7.00E+12	0.0	-1000.0
	pchA+pchqjD=pchojA+pchojD	7.00E+12	0.0	-1000.0
	pchB+pchqjD=pchojB+pchojD	7.00E+12	0.0	-1000.0
	pchC+pchqjD=pchojC+pchojD	7.00E+12	0.0	-1000.0
	pchD+pchqjD=2pchojD	7.00E+12	0.0	-1000.0
	pchE+pchqjD=pchojE+pchojD	7.00E+12	0.0	-1000.0
3221.	pchF+pchqjD=pchojF+pchojD	7.00E+12	0.0	-1000.0
3222.	pchG+pchqjD=pchojG+pchojD	7.00E+12	0.0	-1000.0
3223.	pchA+pchqjE=pchojA+pchojE	7.00E+12	0.0	-1000.0
	pchB+pchqjE=pchojB+pchojE	7.00E+12	0.0	-1000.0
	pchC+pchqjE=pchojC+pchojE	7.00E+12	0.0	-1000.0
	pchD+pchqjE=pchojD+pchojE	7.00E+12	0.0	-1000.0
	pchE+pchqjE=2pchojE	7.00E+12	0.0	-1000.0
	pchF+pchqjE=pchojF+pchojE	7.00E+12	0.0	-1000.0
3229.	pchG+pchqjE=pchojG+pchojE	7.00E+12	0.0	-1000.0
	pchA+pchqjF=pchojA+pchojF	7.00E+12	0.0	-1000.0
	pchB+pchqjF=pchojB+pchojF	7.00E+12	0.0	-1000.0
	pchC+pchqjF=pchojC+pchojF	7.00E+12	0.0	-1000.0
	pchD+pchqjF=pchojD+pchojF	7.00E+12	0.0	-1000.0
		7.00E+12 7.00E+12	0.0	-1000.0
	pchE+pchqjF=pchojE+pchojF			
3235.	pchF+pchqjF=2pchojF	7.00E+12	0.0	-1000.0

3236.	pchG+pchqjF=pchojG+pchojF	7.00E+12	0.0	-1000.0
3237.	pchA+pchqjG=pchojA+pchojG	7.00E+12	0.0	-1000.0
	pchB+pchqjG=pchojB+pchojG	7.00E+12	0.0	-1000.0
3239.	pchC+pchqjG=pchojC+pchojG	7.00E+12	0.0	-1000.0
	pchD+pchqjG=pchojD+pchojG	7.00E+12	0.0	-1000.0
	pchE+pchqjG=pchojE+pchojG	7.00E+12	0.0	-1000.0
	pchF+pchqjG=pchojF+pchojG	7.00E+12	0.0	-1000.0
	pchG+pchqjG=2pchojG	7.00E+12	0.0	-1000.0
	pchojA=ch2o+echA	1.00E+15	0.0	21600.0
	pchojB=ch3hco+mchA	7.94E+14	0.0	15300.0
	pchojB=ch3+echoA	7.94E+14	0.0	15300.0
	pchojC=ethco+cyc6h11	7.94E+14 7.94E+14	0.0	15300.0
			0.0	15300.0
	pchojC=c2h5+mchoA	7.94E+14		
	pchojD=nc3h7+chxone	7.94E+14	0.0	15300.0
	pchojG=EtDc7oArI	7.94E+14	0.0	15300.0
	pchojF=EtDc7oIrA	7.94E+14	0.0	15300.0
	pchojF=MeEc8oArI	7.94E+14	0.0	15300.0
	pchojE=MeEc8oIrA	7.94E+14	0.0	15300.0
	pchojE=Fc9oA	7.94E+14	0.0	15300.0
	EtDc7oArI=c2h4+ch2hco+c5h10	2.00E+13	0.0	27750.0
	EtDc7oArI=c2h4+c2h5+c4h7hco-1	2.00E+13	0.0	27750.0
3257.	EtDc7oArI+o2=EtDc7oAqjI	4.82E+36	-8.2	5167.0
3258.	EtDc7oAqjI=DEtDc7oAqI	2.87E+08	1.0	22000.0
3259.	DEtDc7oAqI+o2=EtDc7oAqIqjD	1.84E+45	-11.1	6538.0
3260.	EtDc7oAqIqjD=oh+EtDc7oAoIqD	2.87E+08	1.0	26000.0
	EtDc7oAoIqD=oh+c6oAoC+ch2ch2hco	1.00E+16	0.0	43000.0
3262.	EtDc7oAoIqD=oh+c7oAoD+ch2hco	1.00E+16	0.0	43000.0
	EtDc7oIrA=c2h4+ch2hco+c5h10	2.00E+13	0.0	28140.0
	EtDc7oIrA=c2h4+nc3h7+ac3h5hco	2.00E+13	0.0	36400.0
	EtDc7oIrA+o2=EtDc7oIqjA	1.84E+45	-11.1	6538.0
	EtDc7oIqjA=CEtDc7oIqA	5.75E+08	1.0	25000.0
	EtDc7oIqjA=DEtDc7oIqA	4.94E+07	1.0	19000.0
	CEtDc7oIqA+o2=EtDc7oIqAqjC	4.82E+36	-8.2	5167.0
	DEtDc7oIqA+o2=EtDc7oIqAqjD	4.82E+36	-8.2	5167.0
	EtDc7oIqAqjC=oh+EtDc7oAoIqC	5.75E+08	1.0	26000.0
	EtDc7oIqAqjD=oh+EtDc7oAoIqD	9.89E+07	1.0	23000.0
	EtDc7oIqAqjD=on+EtDc7oAoIqD EtDc7oAoIqC=oh+hcoch2hco+Cc6oA	1.00E+16	0.0	43000.0
	<del>-</del>	1.00E+16 1.00E+16	0.0	43000.0
	EtDc7oAoIqC=oh+ch2hco+MeCc6oAoG MeEc8oArI=c3h6cho-1+c5h10	2.00E+18	0.0	29200.0
	MeEc8oArI=c6e5oA+nc3h7	2.00E+13	0.0	33750.0
	MeEc8oArI+o2=MeEc8oAqjI	1.84E+45	-11.1	6538.0
	MeEc8oAqjI=DMeEc8oAqI	5.75E+08	1.0	25000.0
	MeEc8oAqjI=FMeEc8oAqI	5.75E+08	1.0	25000.0
	DMeEc8oAqI+o2=MeEc8oAqIqjD	4.82E+36	-8.2	5167.0
	FMeEc8oAqI+o2=MeEc8oAqIqjF	4.82E+36	-8.2	5167.0
	MeEc8oAqIqjD=oh+MeEc8oAoIqD	5.75E+08	1.0	26000.0
	MeEc8oAqIqjF=oh+MeEc8oAoIqF	5.75E+08	1.0	26000.0
	MeEc8oAoIqD=oh+ch2ch2hco+MeBc5oAoF	1.00E+16	0.0	43000.0
	MeEc8oAoIqD=oh+choch2ch2cho+acrol+c2h5	1.00E+16	0.0	43000.0
	MeEc8oAoIqF=oh+ethco+Bc6oAoF	1.00E+16	0.0	43000.0
	acrol+ch2ch2hco=Bc6oAoF	1.50E+11	0.0	7200.0
3287.	MeCc6oAoG+oh=>h2o+MeCc6oyAoG	4.20E+12	0.0	500.0
	MeCc6oAoG+h=>h2+MeCc6oyAoG	4.00E+13	0.0	4200.0
3289.	MeCc6oAoG+ho2=>h2o2+MeCc6oyAoG	1.00E+12	0.0	10000.0
3290.	MeCc6oyAoG=>co+acrol+nc3h7	2.00E+13	0.0	28700.0
3291.	MeCc6oyAoG+ho2=>oh+co2+acrol+nc3h7	2.00E+13	0.0	0.0
	MeCc6oAoG+oh=>h2o+MeCc6oAoyG	4.20E+12	0.0	500.0
	MeCc6oAoG+h=>h2+MeCc6oAoyG	4.00E+13	0.0	4200.0
	MeCc6oAoG+ho2=>h2o2+MeCc6oAoyG	1.00E+12	0.0	10000.0
	MeCc6oAoyG=>co+Cc6oA	2.00E+13	0.0	28700.0
	MeCc6oAoyG+ho2=>oh+co2+Cc6oA	2.00E+13	0.0	0.0
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3297. MeEc8oIrA=>2c2h4+c2h5+acrol	2.00E+13	0.0	29440.0
3298. MeEc8oIrA+o2=MeEc8oIgjA	1.84E+45	-11.1	6538.0
3299. MeEc8olqjA=CMeEc8olqA	5.75E+08	1.0	25000.0
3300. MeEc8olqjA=DMeEc8olqA	9.89E+07	1.0	22000.0
3301. CMeEc8oIqA+o2=MeEc8oIqAqjC	4.82E+36	-8.2	5167.0
3302. DMeEc8olqA+o2=MeEc8olqAqjD	4.82E+36	-8.2	5167.0
3303. MeEc8oIqAqjC=oh+MeEc8oAoIqC	5.75E+08	1.0	26000.0
		1.0	
3304. MeEc8oIqAqjD=oh+MeEc8oAoIqD	9.89E+07		23000.0
3305. MeEc8oAoIqC=oh+ch2hco+MeCc6oAoG	1.00E+16		43000.0
3306. MeEc8oAoIqC=oh+hcoch2hco+MeBc5oArF	1.00E+16	0.0	43000.0
3307. Fc9oA=c5h10+c3h6cho-1	2.00E+13	0.0	29650.0
3308. Fc9oA=c2h5+c7e6oA	2.00E+13	0.0	28210.0
3309. Fc9oA+o2=c9oAqjF	1.84E+45	-11.1	6538.0
3310. c9oAqjF=Cc9oAqF	9.89E+07	1.0	22000.0
3311. c9oAqjF=Dc9oAqF	5.75E+08	1.0	25000.0
3312. c9oAqjF=Hc9oAqF	5.75E+08	1.0	25000.0
3313. Cc9oAqF+o2=c9oAqFqjC	1.84E+45	-11.1	6538.0
3314. Dc9oAqF+o2=c9oAqFqjD	1.84E+45	-11.1	6538.0
3315. Hc9oAqF+o2=c9oAqFqjH	1.84E+45	-11.1	6538.0
3316. c9oAqFqjC=oh+c9oAoFqC	4.94E+07	1.0	21000.0
3317. c9oAqFqjD=oh+c9oAoFqD	2.87E+08	1.0	23000.0
		1.0	
3318. c9oAqFqjH=oh+c9oAoFqH	2.87E+08		23000.0
3319. c9oAoFqC=oh+ch2hco+c7oAoD	1.00E+16	0.0	43000.0
3320. c9oAoFqC=oh+hcoch2hco+Ac6oC	1.00E+16	0.0	43000.0
3321. c9oAoFqD=oh+choch2ch2cho+nc3h7coch2	1.00E+16	0.0	43000.0
3322. c9oAoFqD=oh+ch2ch2hco+c6oAoC	1.00E+16	0.0	43000.0
3323. c9oAoFqH=oh+ch3hco+Ac7oBoG	1.00E+16	0.0	43000.0
3324. pchqjA=BpchqA	3.35E+09	1.0	32500.0
3325. pchqjA=CpchqA	5.75E+08	1.0	23000.0
3326. pchqjA=DpchqA	4.94E+07	1.0	19000.0
3327. pchqjB=ApchqB	5.02E+09	1.0	35500.0
3328. pchqjB=CpchqB	3.35E+09	1.0	32500.0
3329. pchqjB=DpchqB	2.87E+08	1.0	22000.0
3330. pchqjB=EpchqB	1.22E+08	1.0	22645.3
3331. pchqjC=ApchqC	8.62E+08	1.0	28000.0
3332. pchqjC=BpchqC	3.35E+09	1.0	32500.0
3333. pchqjC=DpchqC	1.67E+09	1.0	29500.0
3334. pchqjC=EpchqC	7.13E+08	1.0	25645.3
3335. pchqjC=FpchqC	7.13E+08	1.0	25226.6
3336. pchqjD=ApchqD	1.48E+08	1.0	25000.0
3337. pchqjD=BpchqD	5.75E+08	1.0	25000.0
3338. pchqjD=CpchqD	3.35E+09	1.0	32500.0
3339. pchqjD=EpchqD	4.15E+09	1.0	33145.3
3340. pchqjD=FpchqD	4.28E+09	1.0	28226.6
3341. pchqjD=GpchqD	3.43E+08	1.0	27305.9
3342. pchqjE=ApchqE	1.58E+07	1.0	24645.3
3343. pchqjE=BpchqE	6.13E+07	1.0	22645.3
3344. pchqjE=CpchqE	3.56E+08	1.0	25645.3
3345. pchqjE=DpchqE	1.04E+09	1.0	30145.3
3346. pchqjE=FpchqE	2.07E+09	1.0	33145.3
3347. pchqjE=GpchqE	2.14E+09	1.0	28226.6
3348. pchqjE=HpchqE	3.43E+08	1.0	27305.9
3349. pchqjE=IpchqE	2.14E+09	1.0	28226.6
3350. pchqjF=ApchqF	1.63E+07	1.0	26226.6
3351. pchqjF=BpchqF	6.32E+07	1.0	24226.6
3352. pchqjF=CpchqF	3.68E+08	1.0	25226.6
3353. pchqjF=DpchqF	1.07E+09	1.0	25226.6
3354. pchqjF=EpchqF	2.07E+09	1.0	33145.3
3355. pchqjF=GpchqF	2.07E+09	1.0	33145.3
3356. pchqjF=HpchqF	2.14E+09	1.0	28226.6
3357. pchqjF=IpchqF	3.43E+08	1.0	27305.9
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3358. pchqjG=DpchqG	1.71E+08	1.0	24305.9
3359. pchqjG=EpchqG	4.28E+09	1.0	28226.6
3360. pchqjG=FpchqG	4.15E+09	1.0	33145.3
3361. pchqjA+ho2=pchqA+o2	1.00E+11	0.0	0.0
3362. pchqjB+ho2=pchqB+o2	1.00E+11	0.0	0.0
3363. pchqjC+ho2=pchqC+o2	1.00E+11	0.0	0.0
3364. pchqjD+ho2=pchqD+o2	1.00E+11	0.0	0.0
3365. pchqjE+ho2=pchqE+o2	1.00E+11	0.0	0.0
3366. pchqjF+ho2=pchqF+o2	1.00E+11	0.0	0.0
3367. pchqjG+ho2=pchqG+o2			
	1.00E+11	0.0	0.0
3368. pchqjA+h2o2=pchqA+ho2	2.40E+12	0.0	10000.0
3369. pchqjB+h2o2=pchqB+ho2	2.40E+12	0.0	10000.0
3370. pchqjC+h2o2=pchqC+ho2	2.40E+12	0.0	10000.0
3371. pchqjD+h2o2=pchqD+ho2	2.40E+12	0.0	10000.0
3372. pchqjE+h2o2=pchqE+ho2	2.40E+12	0.0	10000.0
3373. pchqjF+h2o2=pchqF+ho2	2.40E+12	0.0	10000.0
3374. pchqjG+h2o2=pchqG+ho2	2.40E+12	0.0	10000.0
3375. pchqjA+h2=pchqA+h	3.01E+13	0.0	26030.0
3376. pchqjB+h2=pchqB+h	3.01E+13	0.0	26030.0
3377. pchqjC+h2=pchqC+h	3.01E+13	0.0	26030.0
3378. pchqjD+h2=pchqD+h	3.01E+13	0.0	26030.0
3379. pchqjE+h2=pchqE+h	3.01E+13	0.0	26030.0
3380. pchqjF+h2=pchqF+h	3.01E+13	0.0	26030.0
3381. pchqjG+h2=pchqG+h	3.01E+13	0.0	26030.0
3382. pchqjA+ch2o=pchqA+hco	5.60E+12	0.0	13600.0
3383. pchqjB+ch2o=pchqB+hco	5.60E+12	0.0	13600.0
3384. pchqjC+ch2o=pchqC+hco	5.60E+12	0.0	13600.0
3385. pchqjD+ch2o=pchqD+hco	5.60E+12	0.0	13600.0
3386. pchqjE+ch2o=pchqE+hco	5.60E+12	0.0	13600.0
3387. pchqjF+ch2o=pchqF+hco	5.60E+12	0.0	13600.0
3388. pchqjG+ch2o=pchqG+hco	5.60E+12	0.0	13600.0
3389. pchqjA+ch3hco=pchqA+ch3co	2.80E+12	0.0	13600.0
3390. pchqjB+ch3hco=pchqB+ch3co	2.80E+12	0.0	13600.0
3391. pchqjC+ch3hco=pchqC+ch3co	2.80E+12	0.0	13600.0
3392. pchqjD+ch3hco=pchqD+ch3co	2.80E+12	0.0	13600.0
3393. pchqjE+ch3hco=pchqE+ch3co	2.80E+12	0.0	13600.0
3394. pchqjF+ch3hco=pchqF+ch3co	2.80E+12	0.0	13600.0
3395. pchqjG+ch3hco=pchqG+ch3co	2.80E+12	0.0	13600.0
3396. pchqjA+c2h6=pchqA+c2h5	1.70E+13	0.0	20460.0
3397. pchqjB+c2h6=pchqB+c2h5	1.70E+13	0.0	20460.0
3398. pchqjC+c2h6=pchqC+c2h5	1.70E+13	0.0	20460.0
3399. pchqjD+c2h6=pchqD+c2h5	1.70E+13	0.0	20460.0
3400. pchqjE+c2h6=pchqE+c2h5		0.0	
	1.70E+13		20460.0
3401. pchqjF+c2h6=pchqF+c2h5	1.70E+13	0.0	20460.0
3402. pchqjG+c2h6=pchqG+c2h5	1.70E+13	0.0	20460.0
3403. pchqjA+c2h4=pchqA+c2h3	1.13E+13	0.0	30430.0
3404. pchqjB+c2h4=pchqB+c2h3	1.13E+13	0.0	30430.0
3405. pchqjC+c2h4=pchqC+c2h3	1.13E+13	0.0	30430.0
3406. pchqjD+c2h4=pchqD+c2h3	1.13E+13	0.0	30430.0
3407. pchqjE+c2h4=pchqE+c2h3	1.13E+13	0.0	30430.0
3408. pchqjF+c2h4=pchqF+c2h3	1.13E+13	0.0	30430.0
3409. pchqjG+c2h4=pchqG+c2h3	1.13E+13	0.0	30430.0
3410. pchqjA+ethco=pchqA+c2h5co	2.00E+11	0.0	9500.0
3411. pchqjB+ethco=pchqB+c2h5co	2.00E+11	0.0	9500.0
3412. pchqjC+ethco=pchqC+c2h5co	2.00E+11	0.0	9500.0
3413. pchqjD+ethco=pchqD+c2h5co	2.00E+11	0.0	9500.0
3414. pchqjE+ethco=pchqE+c2h5co	2.00E+11	0.0	9500.0
3415. pchqjF+ethco=pchqF+c2h5co	2.00E+11	0.0	9500.0
3416. pchqjG+ethco=pchqG+c2h5co	2.00E+11 2.00E+11	0.0	9500.0
3417. pchqja+echco-pchqa+c2h3co	2.80E+12	0.0	13600.0
3418. pchqjB+acrol=pchqB+c2h3co	2.80E+12	0.0	13600.0
2110. bendla getet-benda esuaco	2.00112	0.0	15000.0

3419. pchqjC+acrol=pchqC+c2h3co	2.80E+12	0.0	13600.0
3420. pchqjD+acrol=pchqD+c2h3co	2.80E+12	0.0	13600.0
3421. pchqjE+acrol=pchqE+c2h3co	2.80E+12	0.0	13600.0
3422. pchqjF+acrol=pchqF+c2h3co	2.80E+12	0.0	13600.0
3423. pchqjG+acrol=pchqG+c2h3co	2.80E+12	0.0	13600.0
3424. pchqjA+ch3oh=pchqA+ch3o	6.30E+12	0.0	19360.0
3425. pchqjB+ch3oh=pchqB+ch3o	6.30E+12	0.0	19360.0
3426. pchqjC+ch3oh=pchqC+ch3o	6.30E+12	0.0	19360.0
3427. pchqjD+ch3oh=pchqD+ch3o	6.30E+12	0.0	19360.0
3428. pchqjE+ch3oh=pchqE+ch3o	6.30E+12	0.0	19360.0
3429. pchqjF+ch3oh=pchqF+ch3o	6.30E+12	0.0	19360.0
3430. pchqjG+ch3oh=pchqG+ch3o	6.30E+12	0.0	19360.0
3431. pchqjA+c3h6=pchqA+ac3h5	3.24E+11	0.0	14900.0
3432. pchqjB+c3h6=pchqB+ac3h5	3.24E+11	0.0	14900.0
3433. pchqjC+c3h6=pchqC+ac3h5	3.24E+11	0.0	14900.0
3434. pchqjD+c3h6=pchqD+ac3h5	3.24E+11	0.0	14900.0
3435. pchqjE+c3h6=pchqE+ac3h5	3.24E+11	0.0	14900.0
3436. pchqjF+c3h6=pchqF+ac3h5	3.24E+11	0.0	14900.0
3437. pchqjG+c3h6=pchqG+ac3h5	3.24E+11	0.0	14900.0
3438. pchqjA+ch4=pchqA+ch3	1.12E+13	0.0	24640.0
3439. pchqjB+ch4=pchqB+ch3	1.12E+13	0.0	24640.0
3440. pchqjC+ch4=pchqC+ch3	1.12E+13	0.0	24640.0
3441. pchqjD+ch4=pchqD+ch3	1.12E+13	0.0	24640.0
3442. pchqjE+ch4=pchqE+ch3	1.12E+13	0.0	24640.0
3443. pchqjF+ch4=pchqF+ch3	1.12E+13	0.0	24640.0
3444. pchqjG+ch4=pchqG+ch3	1.12E+13	0.0	24640.0
3445. pchqjA+pch=pchqA+pchA	6.05E+12	0.0	20430.0
3446. pchqjA+pch=pchqA+pchB	4.03E+12	0.0	17700.0
3447. pchqjA+pch=pchqA+pchC	4.03E+12	0.0	17700.0
3448. pchqjA+pch=pchqA+pchD	2.02E+12	0.0	16000.0
	8.06E+12	0.0	17700.0
3449. pchqjA+pch=pchqA+pchE			
3450. pchqjA+pch=pchqA+pchF	8.06E+12	0.0	17700.0
3451. pchqjA+pch=pchqA+pchG	4.03E+12	0.0	17700.0
3452. pchqjB+pch=pchqB+pchA	6.05E+12	0.0	20430.0
3453. pchqjB+pch=pchqB+pchB	4.03E+12	0.0	17700.0
3454. pchqjB+pch=pchqB+pchC	4.03E+12	0.0	17700.0
3455. pchqjB+pch=pchqB+pchD	2.02E+12	0.0	16000.0
3456. pchqjB+pch=pchqB+pchE	8.06E+12	0.0	17700.0
			17700.0
3457. pchqjB+pch=pchqB+pchF	8.06E+12	0.0	
3458. pchqjB+pch=pchqB+pchG	4.03E+12	0.0	17700.0
3459. pchqjC+pch=pchqC+pchA	6.05E+12	0.0	20430.0
3460. pchqjC+pch=pchqC+pchB	4.03E+12	0.0	17700.0
3461. pchqjC+pch=pchqC+pchC	4.03E+12	0.0	17700.0
3462. pchqjC+pch=pchqC+pchD	2.02E+12	0.0	16000.0
3463. pchqjC+pch=pchqC+pchE	8.06E+12	0.0	17700.0
3464. pchqjC+pch=pchqC+pchF	8.06E+12	0.0	17700.0
3465. pchqjC+pch=pchqC+pchG	4.03E+12	0.0	17700.0
3466. pchqjD+pch=pchqD+pchA	6.05E+12	0.0	20430.0
3467. pchqjD+pch=pchqD+pchB	4.03E+12	0.0	17700.0
3468. pchqjD+pch=pchqD+pchC	4.03E+12	0.0	17700.0
3469. pchqjD+pch=pchqD+pchD	2.02E+12	0.0	16000.0
3470. pchqjD+pch=pchqD+pchE	8.06E+12	0.0	17700.0
3471. pchqjD+pch=pchqD+pchF	8.06E+12	0.0	17700.0
3472. pchqjD+pch=pchqD+pchG	4.03E+12	0.0	17700.0
3473. pchqjE+pch=pchqE+pchA	6.05E+12	0.0	20430.0
3474. pchqjE+pch=pchqE+pchB	4.03E+12	0.0	17700.0
3475. pchqjE+pch=pchqE+pchC	4.03E+12	0.0	17700.0
3476. pchqjE+pch=pchqE+pchD	2.02E+12	0.0	16000.0
3477. pchqjE+pch=pchqE+pchE	8.06E+12	0.0	17700.0
3478. pchqjE+pch=pchqE+pchF	8.06E+12	0.0	17700.0
	4.03E+12	0.0	17700.0
3479. pchqjE+pch=pchqE+pchG	4.U3E+12	0.0	1//00.0

3480.	pchqjF+pch=pchqF+pchA	6.05E+12	0.0	20430.0
	pchqjF+pch=pchqF+pchB	4.03E+12	0.0	17700.0
	pchqjF+pch=pchqF+pchC	4.03E+12	0.0	17700.0
	pchqjF+pch=pchqF+pchD	2.02E+12	0.0	16000.0
	pchqjF+pch=pchqF+pchE	8.06E+12	0.0	17700.0
3485.	pchqjF+pch=pchqF+pchF	8.06E+12	0.0	17700.0
3486.	pchqjF+pch=pchqF+pchG	4.03E+12	0.0	17700.0
3487.	pchqjG+pch=pchqG+pchA	6.05E+12	0.0	20430.0
	pchqjG+pch=pchqG+pchB	4.03E+12	0.0	17700.0
	pchqjG+pch=pchqG+pchC	4.03E+12	0.0	17700.0
	pchqjG+pch=pchqG+pchD	2.02E+12	0.0	16000.0
	pchqjG+pch=pchqG+pchE	8.06E+12	0.0	17700.0
3492.	pchqjG+pch=pchqG+pchF	8.06E+12	0.0	17700.0
3493.	pchqjG+pch=pchqG+pchG	4.03E+12	0.0	17700.0
3494.	pchqjB+ch3=pchojB+ch3o	7.00E+12	0.0	-1000.0
	pchqjA+ch3=pchojA+ch3o	7.00E+12	0.0	-1000.0
	pchqjC+ch3=pchojC+ch3o	7.00E+12	0.0	-1000.0
	pchqjD+ch3=pchojD+ch3o	7.00E+12	0.0	-1000.0
	pchqjE+ch3=pchojE+ch3o	7.00E+12	0.0	-1000.0
	pchqjF+ch3=pchojF+ch3o	7.00E+12	0.0	-1000.0
3500.	pchqjG+ch3=pchojG+ch3o	7.00E+12	0.0	-1000.0
3501.	pchqjA+c2h5=pchojA+c2h5o	7.00E+12	0.0	-1000.0
	pchqjB+c2h5=pchojB+c2h5o	7.00E+12	0.0	-1000.0
	pchqjC+c2h5=pchojC+c2h5o	7.00E+12	0.0	-1000.0
	pchqjD+c2h5=pchojD+c2h5o	7.00E+12	0.0	-1000.0
	pchqjE+c2h5=pchojE+c2h5o	7.00E+12	0.0	-1000.0
	pchqjF+c2h5=pchojF+c2h5o	7.00E+12	0.0	-1000.0
	pchqjG+c2h5=pchojG+c2h5o	7.00E+12	0.0	-1000.0
3508.	pchqjA+nc3h7=pchojA+nc3h7o	7.00E+12	0.0	-1000.0
3509.	pchqjB+nc3h7=pchojB+nc3h7o	7.00E+12	0.0	-1000.0
	pchqjC+nc3h7=pchojC+nc3h7o	7.00E+12	0.0	-1000.0
	pchqjD+nc3h7=pchojD+nc3h7o	7.00E+12	0.0	-1000.0
	pchqjE+nc3h7=pchojE+nc3h7o	7.00E+12 7.00E+12	0.0	-1000.0
	pchqjF+nc3h7=pchojF+nc3h7o	7.00E+12	0.0	-1000.0
	pchqjG+nc3h7=pchojG+nc3h7o	7.00E+12	0.0	-1000.0
3515.	pchqjA+ic3h7=pchojA+ic3h7o	7.00E+12	0.0	-1000.0
3516.	pchqjB+ic3h7=pchojB+ic3h7o	7.00E+12	0.0	-1000.0
3517.	pchqjC+ic3h7=pchojC+ic3h7o	7.00E+12	0.0	-1000.0
	pchqjD+ic3h7=pchojD+ic3h7o	7.00E+12	0.0	-1000.0
	pchqjE+ic3h7=pchojE+ic3h7o	7.00E+12	0.0	-1000.0
	pchqjF+ic3h7=pchojF+ic3h7o	7.00E+12	0.0	-1000.0
	pchqjG+ic3h7=pchojG+ic3h7o	7.00E+12	0.0	-1000.0
	pchqjA+ac3h5=pchojA+c3h5o	7.00E+12	0.0	-1000.0
	pchqjB+ac3h5=pchojB+c3h5o	7.00E+12	0.0	-1000.0
3524.	pchqjC+ac3h5=pchojC+c3h5o	7.00E+12	0.0	-1000.0
3525.	pchqjD+ac3h5=pchojD+c3h5o	7.00E+12	0.0	-1000.0
3526.	pchqjE+ac3h5=pchojE+c3h5o	7.00E+12	0.0	-1000.0
	pchqjF+ac3h5=pchojF+c3h5o	7.00E+12	0.0	-1000.0
	pchqjG+ac3h5=pchojG+c3h5o	7.00E+12	0.0	-1000.0
	pchqjA+ho2=>pchojA+oh+o2	1.40E-14	-1.6	1860.0
	pchqjB+ho2=>pchojB+oh+o2	1.40E-14	-1.6	1860.0
3531.	pchqjC+ho2=>pchojC+oh+o2	1.40E-14	-1.6	1860.0
3532.	pchqjD+ho2=>pchojD+oh+o2	1.40E-14	-1.6	1860.0
3533.	pchqjE+ho2=>pchojE+oh+o2	1.40E-14	-1.6	1860.0
	pchqjF+ho2=>pchojF+oh+o2	1.40E-14	-1.6	1860.0
	pchqjG+ho2=>pchojG+oh+o2	1.40E-14	-1.6	1860.0
	pchqjA+ch3o2=>pchojA+ch3o+o2	1.40E 14 1.40E+16	-1.6	1860.0
	pchqjB+ch3o2=>pchojB+ch3o+o2	1.40E+16	-1.6	1860.0
	pchqjC+ch3o2=>pchojC+ch3o+o2	1.40E+16	-1.6	1860.0
	pchqjD+ch3o2=>pchojD+ch3o+o2	1.40E+16	-1.6	1860.0
3540.	pchqjE+ch3o2=>pchojE+ch3o+o2	1.40E+16	-1.6	1860.0

3541.	pchqjF+ch3o2=>pchojF+ch3o+o2	1.40E+16	-1.6	1860.0
3542.	pchqjG+ch3o2=>pchojG+ch3o+o2	1.40E+16	-1.6	1860.0
	pchqjA+c2h5o2=>pchojA+c2h5o+o2	1.40E+16	-1.6	1860.0
	pchqjB+c2h5o2=>pchojB+c2h5o+o2	1.40E+16	-1.6	1860.0
	pchqjC+c2h5o2=>pchojC+c2h5o+o2	1.40E+16	-1.6	1860.0
3546.	pchqjD+c2h5o2=>pchojD+c2h5o+o2	1.40E+16	-1.6	1860.0
3547.	pchqjE+c2h5o2=>pchojE+c2h5o+o2	1.40E+16	-1.6	1860.0
	pchqjF+c2h5o2=>pchojF+c2h5o+o2	1.40E+16	-1.6	1860.0
	pchqjG+c2h5o2=>pchojG+c2h5o+o2	1.40E+16	-1.6	1860.0
	pchqjA+nc3h7o2=>pchojA+nc3h7o+o2	1.40E+16	-1.6	1860.0
3551.	pchqjB+nc3h7o2=>pchojB+nc3h7o+o2	1.40E+16	-1.6	1860.0
3552.	pchqjC+nc3h7o2=>pchojC+nc3h7o+o2	1.40E+16	-1.6	1860.0
	pchqjD+nc3h7o2=>pchojD+nc3h7o+o2	1.40E+16	-1.6	1860.0
	pchqjE+nc3h7o2=>pchojE+nc3h7o+o2	1.40E+16	-1.6	1860.0
	pchqjF+nc3h7o2=>pchojF+nc3h7o+o2	1.40E+16	-1.6	1860.0
3556.	pchqjG+nc3h7o2=>pchojG+nc3h7o+o2	1.40E+16	-1.6	1860.0
3557.	pchqjA+pchqjA=>pchojA+pchojA+o2	1.40E+16	-1.6	1860.0
3558.	pchqjB+pchqjA=>pchojB+pchojA+o2	1.40E+16	-1.6	1860.0
	pchqjC+pchqjA=>pchojC+pchojA+o2	1.40E+16	-1.6	1860.0
	pchqjD+pchqjA=>pchojD+pchojA+o2	1.40E+16	-1.6	1860.0
	pchqjE+pchqjA=>pchojE+pchojA+o2	1.40E+16	-1.6	1860.0
3562.	pchqjF+pchqjA=>pchojF+pchojA+o2	1.40E+16	-1.6	1860.0
3563.	pchqjG+pchqjA=>pchojG+pchojA+o2	1.40E+16	-1.6	1860.0
3564.	pchqjB+pchqjB=>pchojB+pchojB+o2	1.40E+16	-1.6	1860.0
	pchqjC+pchqjB=>pchojC+pchojB+o2	1.40E+16	-1.6	1860.0
	pchqjD+pchqjB=>pchojD+pchojB+o2	1.40E+16	-1.6	1860.0
	pchqjE+pchqjB=>pchojE+pchojB+o2	1.40E+16	-1.6	1860.0
	pchqjF+pchqjB=>pchojF+pchojB+o2	1.40E+16	-1.6	1860.0
3569.	pchqjG+pchqjB=>pchojG+pchojB+o2	1.40E+16	-1.6	1860.0
3570.	pchqjC+pchqjC=>pchojC+pchojC+o2	1.40E+16	-1.6	1860.0
3571.	pchqjD+pchqjC=>pchojD+pchojC+o2	1.40E+16	-1.6	1860.0
	pchqjE+pchqjC=>pchojE+pchojC+o2	1.40E+16	-1.6	1860.0
	pchqjF+pchqjC=>pchojF+pchojC+o2	1.40E+16	-1.6	1860.0
	pchqjG+pchqjC=>pchojG+pchojC+o2	1.40E+16	-1.6	1860.0
	pchqjD+pchqjD=>pchojD+pchojD+o2	1.40E+16	-1.6	1860.0
3576.	pchqjE+pchqjD=>pchojE+pchojD+o2	1.40E+16	-1.6	1860.0
3577.	pchqjF+pchqjD=>pchojF+pchojD+o2	1.40E+16	-1.6	1860.0
	pchqjG+pchqjD=>pchojG+pchojD+o2	1.40E+16	-1.6	1860.0
	pchqjE+pchqjE=>pchojE+pchojE+o2	1.40E+16	-1.6	1860.0
	pchqjF+pchqjE=>pchojF+pchojE+o2	1.40E+16	-1.6	1860.0
	pchqjG+pchqjE=>pchojG+pchojE+o2	1.40E+16	-1.6	1860.0
	pchqjF+pchqjF=>pchojF+pchojF+o2	1.40E+16	-1.6	1860.0
3583.	pchqjG+pchqjF=>pchojG+pchojF+o2	1.40E+16	-1.6	1860.0
3584.	pchqjG+pchqjG=>pchojG+pchojG+o2	1.40E+16	-1.6	1860.0
	pchojA+oh=pchqA	1.81E+13	0.0	0.0
	pchojB+oh=pchqB	1.81E+13	0.0	0.0
	pchojC+oh=pchqC	1.81E+13	0.0	0.0
	pchojD+oh=pchqD	1.81E+13	0.0	0.0
3589.	pchojE+oh=pchqE	1.81E+13	0.0	0.0
3590.	pchojF+oh=pchqF	1.81E+13	0.0	0.0
3591.	pchojG+oh=pchqG	1.81E+13	0.0	0.0
	pche4=c2h4+p2c4h513	1.00E+15	0.0	66900.0
	pche5=c2h4+c7h12-13	1.00E+15	0.0	66900.0
	pche6=c5h10+c4h6	1.00E+15	0.0	66900.0
	pche1+ho2=ApchqB	1.00E+11	0.0	12500.0
	pche1+ho2=BpchqA	8.00E+10	0.0	6000.0
3597.	pche2+ho2=BpchqC	8.00E+10	0.0	6000.0
	pche2+ho2=CpchqB	8.00E+10	0.0	6000.0
	pche3+ho2=CpchqD	8.00E+10	0.0	6000.0
	pche3+ho2=DpchqC	8.00E+10	0.0	6000.0
200T.	pche4+ho2=DpchqE	8.00E+10	0.0	6000.0

3602. pche4+ho2=EpchqD	8.00E+10	0.0	6000.0
3603. pche5+ho2=EpchqF	8.00E+10	0.0	6000.0
3604. pche5+ho2=FpchqE	8.00E+10	0.0	6000.0
3605. pche6+ho2=FpchqG	8.00E+10	0.0	6000.0
3606. pche6+ho2=GpchqF	8.00E+10	0.0	6000.0
3607. pchel+ho2=pcho-AB+oh	1.00E+12	0.0	14400.0
3608. pche2+ho2=pcho-BC+oh	1.00E+12	0.0	14400.0
3609. pche3+ho2=pcho-CD+oh	1.00E+12	0.0	14400.0
3610. pche4+ho2=pcho-DE+oh	1.00E+12	0.0	14400.0
3611. pche5+ho2=pcho-EF+oh	1.00E+12 1.00E+12	0.0	14400.0
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3612. pche6+ho2=pcho-FG+oh	1.00E+12	0.0	14400.0
3613. pchel+ch3o2=pcho-AB+ch3o	3.97E+11	0.0	11725.0
3614. pche2+ch3o2=pcho-BC+ch3o	3.98E+11	0.0	12620.0
3615. pche3+ch3o2=pcho-CD+ch3o	1.45E+11	0.0	10135.0
3616. pche4+ch3o2=pcho-DE+ch3o	1.45E+11	0.0	10135.0
3617. pche5+ch3o2=pcho-EF+ch3o	3.98E+11	0.0	12620.0
3618. pche6+ch3o2=pcho-FG+ch3o	3.98E+11	0.0	12620.0
3619. pche1+c2h5o2=pcho-AB+c2h5o	3.97E+11	0.0	11725.0
3620. pche2+c2h5o2=pcho-BC+c2h5o	3.98E+11	0.0	12620.0
3621. pche3+c2h5o2=pcho-CD+c2h5o	1.45E+11	0.0	10135.0
3622. pche4+c2h5o2=pcho-DE+c2h5o	1.45E+11	0.0	10135.0
3623. pche5+c2h5o2=pcho-EF+c2h5o	3.98E+11	0.0	12620.0
3624. pche6+c2h5o2=pcho-FG+c2h5o	3.98E+11	0.0	12620.0
3625. pche1+nc3h7o2=pcho-AB+nc3h7o	3.97E+11	0.0	11725.0
3626. pche2+nc3h7o2=pcho-BC+nc3h7o		0.0	12620.0
	3.98E+11		
3627. pche3+nc3h7o2=pcho-CD+nc3h7o	1.45E+11	0.0	10135.0
3628. pche4+nc3h7o2=pcho-DE+nc3h7o	1.45E+11	0.0	10135.0
3629. pche5+nc3h7o2=pcho-EF+nc3h7o	3.98E+11	0.0	12620.0
3630. pche6+nc3h7o2=pcho-FG+nc3h7o	3.98E+11	0.0	12620.0
3631. pchel+pchqjA=pcho-AB+pchojA	3.97E+11	0.0	11725.0
3632. pche2+pchqjA=pcho-BC+pchojA	3.98E+11	0.0	12620.0
3633. pche3+pchqjA=pcho-CD+pchojA	1.45E+11	0.0	10135.0
3634. pche4+pchqjA=pcho-DE+pchojA	1.45E+11	0.0	10135.0
3635. pche5+pchqjA=pcho-EF+pchojA	3.98E+11	0.0	12620.0
3636. pche6+pchqjA=pcho-FG+pchojA	3.98E+11	0.0	12620.0
3637. pchel+pchqjB=pcho-AB+pchojB	3.97E+11	0.0	11725.0
3638. pche2+pchqjB=pcho-BC+pchojB	3.98E+11	0.0	12620.0
3639. pche3+pchqjB=pcho-CD+pchojB	1.45E+11	0.0	10135.0
3640. pche4+pchqjB=pcho-DE+pchojB	1.45E+11	0.0	10135.0
3641. pche5+pchqjB=pcho-EF+pchojB	3.98E+11	0.0	12620.0
3642. pche6+pchqjB=pcho-FG+pchojB	3.98E+11	0.0	12620.0
3643. pchel+pchqjC=pcho-AB+pchojC	3.97E+11	0.0	11725.0
		0.0	
3644. pche2+pchqjC=pcho-BC+pchojC	3.98E+11		12620.0
3645. pche3+pchqjC=pcho-CD+pchojC	1.45E+11	0.0	10135.0
3646. pche4+pchqjC=pcho-DE+pchojC	1.45E+11	0.0	10135.0
3647. pche5+pchqjC=pcho-EF+pchojC	3.98E+11	0.0	12620.0
3648. pche6+pchqjC=pcho-FG+pchojC	3.98E+11	0.0	12620.0
3649. pchel+pchqjD=pcho-AB+pchojD	3.97E+11	0.0	11725.0
3650. pche2+pchqjD=pcho-BC+pchojD	3.98E+11	0.0	12620.0
3651. pche3+pchqjD=pcho-CD+pchojD	1.45E+11	0.0	10135.0
3652. pche4+pchqjD=pcho-DE+pchojD	1.45E+11	0.0	10135.0
3653. pche5+pchqjD=pcho-EF+pchojD	3.98E+11	0.0	12620.0
3654. pche6+pchqjD=pcho-FG+pchojD	3.98E+11	0.0	12620.0
3655. pche1+pchqjE=pcho-AB+pchojE	3.97E+11	0.0	11725.0
3656. pche2+pchqjE=pcho-BC+pchojE	3.98E+11	0.0	12620.0
3657. pche3+pchqjE=pcho-CD+pchojE	1.45E+11	0.0	10135.0
3658. pche4+pchqjE=pcho-DE+pchojE	1.45E+11	0.0	10135.0
3659. pche5+pchqjE=pcho-EF+pchojE	3.98E+11	0.0	12620.0
3660. pche6+pchqjE=pcho-FG+pchojE	3.98E+11	0.0	12620.0
		0.0	
3661. pchel+pchqjF=pcho-AB+pchojF	3.97E+11		11725.0
3662. pche2+pchqjF=pcho-BC+pchojF	3.98E+11	0.0	12620.0

3663.	pche3+pchqjF=pcho-CD+pchojF	1.45E+11	0.0	10135.0
3664.	pche4+pchqjF=pcho-DE+pchojF	1.45E+11	0.0	10135.0
	pche5+pchqjF=pcho-EF+pchojF	3.98E+11	0.0	12620.0
	pche6+pchqjF=pcho-FG+pchojF	3.98E+11	0.0	12620.0
	pchel+pchqjG=pcho-AB+pchojG	3.97E+11	0.0	11725.0
	pche2+pchqjG=pcho-BC+pchojG	3.98E+11	0.0	12620.0
	pche3+pchqjG=pcho-CD+pchojG	1.45E+11	0.0	10135.0
	pche4+pchqjG=pcho-DE+pchojG	1.45E+11	0.0	10135.0
	pche5+pchqjG=pcho-EF+pchojG	3.98E+11	0.0	12620.0
3672.	pche6+pchqjG=pcho-FG+pchojG	3.98E+11	0.0	12620.0
3673.	pche1+oh=ApchohB	4.75E+12	0.0	-782.0
	pche1+oh=BpchohA	4.75E+12	0.0	-782.0
	pche2+oh=BpchohC	4.75E+12	0.0	-782.0
	pche2+oh=CpchohB	4.75E+12	0.0	-782.0
	pche3+oh=CpchohD	4.75E+12	0.0	-782.0
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	pche3+oh=DpchohC	4.75E+12	0.0	-782.0
	pche4+oh=DpchohE	4.75E+12	0.0	-782.0
	pche4+oh=EpchohD	4.75E+12	0.0	-782.0
3681.	pche5+oh=EpchohF	4.75E+12	0.0	-782.0
3682.	pche5+oh=FpchohE	4.75E+12	0.0	-782.0
3683.	pche6+oh=FpchohG	4.75E+12	0.0	-782.0
	pche6+oh=GpchohF	4.75E+12	0.0	-782.0
	pche1+oh=>ch2o+echA	1.40E+12	0.0	-900.0
	pche1+oh=>ch3+echoA	1.40E+12	0.0	-900.0
	<del>-</del>			
	pche2+oh=>ch3hco+mchA	1.40E+12	0.0	-900.0
	pche2+oh=>c2h5+mchoA	1.40E+12	0.0	-900.0
	pche3+oh=>ethco+cyc6h11	1.40E+12	0.0	-900.0
	pche3+oh=>nc3h7+chxone	1.40E+12	0.0	-900.0
3691.	pche4+oh=>Fc9oA	1.40E+12	0.0	-900.0
3692.	pche4+oh=>c2h4+Ac7oD	1.40E+12	0.0	-900.0
3693.	pche5+oh=>MeEc8oIrA	1.40E+12	0.0	-900.0
	pche5+oh=>MeEc8oArI	1.40E+12	0.0	-900.0
	pche6+oh=>EtDc7oIrA	1.40E+12	0.0	-900.0
	pche6+oh=>EtDc7oArI	1.40E+12	0.0	-900.0
	pche1+oh=Apche2+h2o	2.25E+13	0.0	2217.0
	pche2+oh=Apche2+h2o	3.12E+06	2.0	-298.0
			0.0	880.0
	pche2+oh=Dpche2+h2o	6.00E+12		
	pche3+oh=Dpche2+h2o	2.25E+13	0.0	2217.0
	pche3+oh=Cpche4+h2o	4.50E+13	0.0	2217.0
	pche4+oh=Cpche4+h2o	2.25E+13	0.0	2217.0
	pche4+oh=Dpche5+h2o	2.25E+13	0.0	2217.0
	pche5+oh=Dpche5+h2o	6.00E+12	0.0	880.0
3705.	pche5+oh=Epche6+h2o	2.25E+13	0.0	2217.0
3706.	pche6+oh=Epche6+h2o	2.25E+13	0.0	2217.0
3707.	pche6+oh=Fpche7+h2o	2.25E+13	0.0	2217.0
3708.	pche1+ho2=Apche2+h2o2	3.20E+12	0.0	14900.0
	pche2+ho2=Apche2+h2o2	9.63E+03	2.6	13910.0
	pche2+ho2=Dpche2+h2o2	2.66E+11	0.0	11269.0
	pche3+ho2=Dpche2+h2o2	3.20E+12	0.0	14900.0
	pche3+ho2=Cpche4+h2o2			
		6.40E+12	0.0	14900.0
	pche4+ho2=Cpche4+h2o2	3.20E+12	0.0	14900.0
	pche4+ho2=Dpche5+h2o2	3.20E+12	0.0	14900.0
	pche5+ho2=Dpche5+h2o2	2.66E+11	0.0	11269.0
3716.	pche5+ho2=Epche6+h2o2	3.20E+12	0.0	14900.0
3717.	pche6+ho2=Epche6+h2o2	3.20E+12	0.0	14900.0
	pche6+ho2=Fpche7+h2o2	3.20E+12	0.0	14900.0
	pche1+c2h5=Apche2+c2h6	1.00E+11	0.0	7300.0
	pche2+c2h5=Apche2+c2h6	2.23E+00	3.5	6637.0
	pche2+c2h5=Dpche2+c2h6	6.72E+10	0.0	7214.0
	pche3+c2h5=Dpche2+c2h6	1.00E+11	0.0	7300.0
	pche3+c2h5=Cpche4+c2h6	2.00E+11	0.0	7300.0
J143.	penes (cans-epene4+cano	∠.∪∪₽⊤⊥⊥	0.0	1300.0

3724. pche4+c2h5=Cpche4+c2h6	1.00E+11	0.0	7300.0
3725. pche4+c2h5=Dpche5+c2h6	1.00E+11	0.0	7300.0
3726. pche5+c2h5=Dpche5+c2h6	6.72E+10	0.0	7214.0
3727. pche5+c2h5=Epche6+c2h6	1.00E+11	0.0	7300.0
3728. pche6+c2h5=Epche6+c2h6	1.00E+11	0.0	7300.0
3729. pche6+c2h5=Fpche7+c2h6	1.00E+11	0.0	7300.0
3730. pche1+nc3h7=Apche2+c3h8	1.00E+11	0.0	7300.0
3731. pche2+nc3h7=Apche2+c3h8	2.23E+00	3.5	6637.0
3732. pche2+nc3h7=Dpche2+c3h8	6.72E+10	0.0	7214.0
3733. pche3+nc3h7=Dpche2+c3h8	1.00E+11	0.0	7300.0
3734. pche3+nc3h7=Cpche4+c3h8	2.00E+11	0.0	7300.0
3735. pche4+nc3h7=Cpche4+c3h8	1.00E+11	0.0	7300.0
3736. pche4+nc3h7=Dpche5+c3h8	1.00E+11	0.0	7300.0
3737. pche5+nc3h7=Dpche5+c3h8	6.72E+10	0.0	7214.0
3738. pche5+nc3h7=Epche6+c3h8	1.00E+11	0.0	7300.0
3739. pche6+nc3h7=Epche6+c3h8	1.00E+11	0.0	7300.0
3740. pche6+nc3h7=Fpche7+c3h8	1.00E+11	0.0	7300.0
3741. pche1+ic3h7=Apche2+c3h8	1.00E+11	0.0	8300.0
3742. pche2+ic3h7=Apche2+c3h8	6.62E-02	4.0	8068.0
3743. pche2+ic3h7=Dpche2+c3h8	6.72E+10	0.0	8214.0
3744. pche3+ic3h7=Dpche2+c3h8	1.00E+11	0.0	8300.0
3745. pche3+ic3h7=Cpche4+c3h8	2.00E+11	0.0	8300.0
3746. pche4+ic3h7=Cpche4+c3h8	1.00E+11	0.0	8300.0
3747. pche4+ic3h7=Dpche5+c3h8	1.00E+11	0.0	8300.0
3748. pche5+ic3h7=Dpche5+c3h8	6.72E+10	0.0	8214.0
3749. pche5+ic3h7=Epche6+c3h8	1.00E+11	0.0	8300.0
3750. pche6+ic3h7=Epche6+c3h8	1.00E+11	0.0	8300.0
3751. pche6+ic3h7=Fpche7+c3h8	1.00E+11	0.0	8300.0
3752. pche1+c2h3=Apche2+c2h4	1.00E+11	0.0	8300.0
3753. pche1+c2h3=Apche2+c2h4	6.62E-02	4.0	8068.0
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3754. pche2+c2h3=Dpche2+c2h4	6.72E+10	0.0	8214.0
3755. pche3+c2h3=Dpche2+c2h4	1.00E+11	0.0	8300.0
3756. pche3+c2h3=Cpche4+c2h4	2.00E+11	0.0	8300.0
3757. pche4+c2h3=Cpche4+c2h4	1.00E+11	0.0	8300.0
3758. pche4+c2h3=Dpche5+c2h4	1.00E+11	0.0	8300.0
3759. pche5+c2h3=Dpche5+c2h4	6.72E+10	0.0	8214.0
3760. pche5+c2h3=Epche6+c2h4	1.00E+11	0.0	8300.0
3761. pche6+c2h3=Fpche7+c2h4	1.00E+11	0.0	8300.0
3762. pche1+c2h5o2=Apche2+c2h5o2h	1.40E+12	0.0	14900.0
3763. pche2+c2h5o2=Apche2+c2h5o2h	9.63E+03	2.6	13910.0
3764. pche2+c2h5o2=Dpche2+c2h5o2h	2.66E+11	0.0	11269.0
3765. pche3+c2h5o2=Dpche2+c2h5o2h	1.40E+12	0.0	14900.0
<del>-</del>		0.0	
3766. pche3+c2h5o2=Cpche4+c2h5o2h	2.80E+12		14900.0
3767. pche4+c2h5o2=Cpche4+c2h5o2h	1.40E+12	0.0	14900.0
3768. pche4+c2h5o2=Dpche5+c2h5o2h	1.40E+12	0.0	14900.0
3769. pche5+c2h5o2=Dpche5+c2h5o2h	2.66E+11	0.0	11269.0
3770. pche5+c2h5o2=Epche6+c2h5o2h	1.40E+12	0.0	14900.0
3771. pche6+c2h5o2=Epche6+c2h5o2h	1.40E+12	0.0	14900.0
3772. pche6+c2h5o2=Fpche7+c2h5o2h	1.40E+12	0.0	14900.0
3773. pche1+ac3h5=Apche2+c3h6	7.90E+10	0.0	12400.0
3774. pche2+ac3h5=Apche2+c3h6	1.18E+11	0.0	12400.0
3775. pche2+ac3h5=Dpche2+c3h6	2.80E+12	0.0	11219.0
3776. pche3+ac3h5=Dpche2+c3h6	7.90E+10	0.0	12400.0
3777. pche3+ac3h5=Cpche4+c3h6	1.58E+11	0.0	
			12400.0
3778. pche4+ac3h5=Cpche4+c3h6	7.90E+10	0.0	12400.0
3779. pche4+ac3h5=Dpche5+c3h6	7.90E+10	0.0	12400.0
3780. pche5+ac3h5=Dpche5+c3h6	2.80E+12	0.0	11219.0
3781. pche5+ac3h5=Epche6+c3h6	7.90E+10	0.0	12400.0
3782. pche6+ac3h5=Epche6+c3h6	7.90E+10	0.0	12400.0
3783. pche6+ac3h5=Fpche7+c3h6	7.90E+10	0.0	12400.0
3784. pche1+nc3h7o2=Apche2+nc3h7o2h	1.40E+12	0.0	14900.0

3785.	pche2+nc3h7o2=Apche2+nc3h7o2h	9.63E+03	2.6	13910.0
3786.	pche2+nc3h7o2=Dpche2+nc3h7o2h	2.66E+11	0.0	11269.0
	pche3+nc3h7o2=Dpche2+nc3h7o2h	1.40E+12	0.0	14900.0
	pche3+nc3h7o2=Cpche4+nc3h7o2h	2.80E+12	0.0	14900.0
	pche4+nc3h7o2=Cpche4+nc3h7o2h	1.40E+12	0.0	14900.0
	pche4+nc3h7o2=Dpche5+nc3h7o2h	1.40E+12	0.0	14900.0
3791.	pche5+nc3h7o2=Dpche5+nc3h7o2h	2.66E+11	0.0	11269.0
3792.	pche5+nc3h7o2=Epche6+nc3h7o2h	1.40E+12	0.0	14900.0
	pche6+nc3h7o2=Epche6+nc3h7o2h	1.40E+12	0.0	14900.0
	pche6+nc3h7o2=Epche7+nc3h7o2h		0.0	
	-	1.40E+12		14900.0
	pche1+ch3=Apche2+ch4	1.00E+11	0.0	7300.0
3796.	pche2+ch3=Apche2+ch4	2.21E+00	3.5	5683.0
3797.	pche2+ch3=Dpche2+ch4	1.90E+12	0.0	9010.0
3798.	pche3+ch3=Dpche2+ch4	1.00E+11	0.0	7300.0
	pche3+ch3=Cpche4+ch4	2.00E+11	0.0	7300.0
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	pche4+ch3=Cpche4+ch4	1.00E+11	0.0	7300.0
	pche4+ch3=Dpche5+ch4	1.00E+11	0.0	7300.0
3802.	pche5+ch3=Dpche5+ch4	1.90E+12	0.0	9010.0
3803.	pche5+ch3=Epche6+ch4	1.00E+11	0.0	7300.0
	pche6+ch3=Epche6+ch4	1.00E+11	0.0	7300.0
	pche6+ch3=Fpche7+ch4	1.00E+11	0.0	7300.0
		1.40E+12		
	pche1+ch3o2=Apche2+ch3o2h		0.0	14900.0
	pche2+ch3o2=Apche2+ch3o2h	9.63E+03	2.6	13910.0
3808.	pche2+ch3o2=Dpche2+ch3o2h	2.66E+11	0.0	11269.0
3809.	pche3+ch3o2=Dpche2+ch3o2h	1.40E+12	0.0	14900.0
3810.	pche3+ch3o2=Cpche4+ch3o2h	2.80E+12	0.0	14900.0
	pche4+ch3o2=Cpche4+ch3o2h	1.40E+12	0.0	14900.0
	pche4+ch3o2=Dpche5+ch3o2h	1.40E+12	0.0	14900.0
	pche5+ch3o2=Dpche5+ch3o2h	2.66E+11	0.0	11269.0
	pche5+ch3o2=Epche6+ch3o2h	1.40E+12	0.0	14900.0
3815.	pche6+ch3o2=Epche6+ch3o2h	1.40E+12	0.0	14900.0
3816.	pche6+ch3o2=Fpche7+ch3o2h	1.40E+12	0.0	14900.0
3817.	pche1+h=Apche2+h2	5.00E+13	0.0	3900.0
	pche2+h=Apche2+h2	1.73E+05	2.5	2484.0
	pche2+h=Dpche2+h2	2.63E+14	0.0	8820.0
	pche3+h=Dpche2+h2	5.00E+13	0.0	3900.0
	pche3+h=Cpche4+h2	1.00E+14	0.0	3900.0
3822.	pche4+h=Cpche4+h2	5.00E+13	0.0	3900.0
3823.	pche4+h=Dpche5+h2	5.00E+13	0.0	3900.0
3824.	pche5+h=Dpche5+h2	2.63E+14	0.0	8820.0
	pche5+h=Epche6+h2	5.00E+13	0.0	3900.0
	pche6+h=Epche6+h2	5.00E+13	0.0	3900.0
	pche6+h=Fpche7+h2	5.00E+13	0.0	3900.0
	pche1+o=Apche2+oh	4.00E+11	0.0	-2100.0
3829.	pche2+o=Apche2+oh	1.75E+11	0.7	5882.0
3830.	pche2+o=Dpche2+oh	4.00E+11	0.0	-2100.0
3831.	pche3+o=Dpche2+oh	4.00E+11	0.0	-2100.0
	pche3+o=Cpche4+oh	8.00E+11	0.0	-2100.0
	pche4+o=Cpche4+oh	4.00E+11	0.0	-2100.0
	pche4+o=Dpche5+oh	4.00E+11	0.0	-2100.0
	pche5+o=Dpche5+oh	4.00E+11	0.0	-2100.0
3836.	pche5+o=Epche6+oh	4.00E+11	0.0	-2100.0
3837.	pche6+o=Epche6+oh	4.00E+11	0.0	-2100.0
	pche6+o=Fpche7+oh	4.00E+11	0.0	-2100.0
	pche1+pchA=Apche2+pch	1.00E+11	0.0	7300.0
	pche2+pchA=Apche2+pch	2.23E+00	3.5	6637.0
	pche2+pchA=Dpche2+pch	6.72E+10	0.0	7214.0
	pche3+pchA=Dpche2+pch	1.00E+11	0.0	7300.0
3843.	pche3+pchA=Cpche4+pch	2.00E+11	0.0	7300.0
3844.	pche4+pchA=Cpche4+pch	1.00E+11	0.0	7300.0
	pche4+pchA=Dpche5+pch	1.00E+11	0.0	7300.0

3846.	pche5+pchA=Dpche5+pch	6.72E+10	0.0	7214.0
	pche5+pchA=Epche6+pch	1.00E+11	0.0	7300.0
	pche6+pchA=Epche6+pch	1.00E+11	0.0	7300.0
	pche6+pchA=Fpche7+pch	1.00E+11	0.0	7300.0
	pche1+pchB=Apche2+pch	1.00E+11	0.0	8300.0
	pche2+pchB=Apche2+pch	6.62E-02	4.0	8068.0
	pche2+pchB=Dpche2+pch	6.72E+10	0.0	8214.0
	pche3+pchB=Dpche2+pch	1.00E+11	0.0	8300.0
	pche3+pchB=Cpche4+pch	2.00E+11	0.0	8300.0
	pche4+pchB=Cpche4+pch	1.00E+11	0.0	8300.0
	pche4+pchB=Dpche5+pch	1.00E+11	0.0	8300.0
	pche5+pchB=Dpche5+pch	6.72E+10	0.0	7214.0
	pche5+pchB=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchB=Epche6+pch	1.00E+11	0.0	8300.0
3860.	pche6+pchB=Fpche7+pch	1.00E+11	0.0	8300.0
	pche1+pchC=Apche2+pch	1.00E+11	0.0	8300.0
3862.	pche2+pchC=Apche2+pch	6.62E-02	4.0	8068.0
3863.	pche2+pchC=Dpche2+pch	6.72E+10	0.0	8214.0
3864.	pche3+pchC=Dpche2+pch	1.00E+11	0.0	8300.0
	pche3+pchC=Cpche4+pch	2.00E+11	0.0	8300.0
	pche4+pchC=Cpche4+pch	1.00E+11	0.0	8300.0
3867.	pche4+pchC=Dpche5+pch	1.00E+11	0.0	8300.0
3868.	pche5+pchC=Dpche5+pch	6.72E+10	0.0	7214.0
3869.	pche5+pchC=Epche6+pch	1.00E+11	0.0	8300.0
3870.	pche6+pchC=Epche6+pch	1.00E+11	0.0	8300.0
3871.	pche6+pchC=Fpche7+pch	1.00E+11	0.0	8300.0
3872.	pche1+pchD=Apche2+pch	1.00E+11	0.0	8300.0
	pche2+pchD=Apche2+pch	6.62E-02	4.0	8068.0
3874.	pche2+pchD=Dpche2+pch	6.72E+10	0.0	8214.0
3875.	pche3+pchD=Dpche2+pch	1.00E+11	0.0	8300.0
3876.	pche3+pchD=Cpche4+pch	2.00E+11	0.0	8300.0
	pche4+pchD=Cpche4+pch	1.00E+11	0.0	8300.0
	pche4+pchD=Dpche5+pch	1.00E+11	0.0	8300.0
	pche5+pchD=Dpche5+pch	6.72E+10	0.0	7214.0
	pche5+pchD=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchD=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchD=Fpche7+pch	1.00E+11	0.0	8300.0
	pche1+pchE=Apche2+pch	1.00E+11	0.0	8300.0
	pche2+pchE=Apche2+pch	6.62E-02	4.0	8068.0
	pche2+pchE=Dpche2+pch	6.72E+10	0.0	8214.0
	pche3+pchE=Dpche2+pch	1.00E+11	0.0	8300.0
	pche3+pchE=Cpche4+pch	2.00E+11	0.0	8300.0
	pche4+pchE=Cpche4+pch	1.00E+11	0.0	8300.0
	pche4+pchE=Dpche5+pch	1.00E+11	0.0	8300.0
	pche5+pchE=Dpche5+pch	6.72E+10	0.0	7214.0
	pche5+pchE=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchE=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchE=Fpche7+pch	1.00E+11	0.0	8300.0
	pche1+pchF=Apche2+pch	1.00E+11	0.0	8300.0
	pche2+pchF=Apche2+pch	6.62E-02	4.0	8068.0
	pche2+pchF=Dpche2+pch	6.72E+10	0.0	8214.0
	pche3+pchF=Dpche2+pch	1.00E+11	0.0	8300.0
	pche3+pchF=Cpche4+pch	2.00E+11	0.0	8300.0
	pche4+pchF=Cpche4+pch	1.00E+11	0.0	8300.0
	pche4+pchF=Dpche5+pch	1.00E+11	0.0	8300.0
	pche5+pchF=Dpche5+pch	6.72E+10	0.0	7214.0
	pche5+pchF=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchF=Epche6+pch	1.00E+11	0.0	8300.0
	pche6+pchF=Fpche7+pch pche1+pchG=Apche2+pch	1.00E+11	0.0	8300.0
	pche1+pchG=Apche2+pch pche2+pchG=Apche2+pch	1.00E+11 6.62E-02	4.0	8300.0 8068.0
J J U O .	Periez-beria-Aberrez-beri	0.02E-U2	4.∪	0000.0

3907. pche2+pchG=Dpche2+pch	6.72E+10	0.0	8214.0
3908. pche3+pchG=Dpche2+pch	1.00E+11	0.0	8300.0
3909. pche3+pchG=Cpche4+pch	2.00E+11	0.0	8300.0
3910. pche4+pchG=Cpche4+pch	1.00E+11	0.0	8300.0
3911. pche4+pchG=Dpche5+pch	1.00E+11	0.0	8300.0
3912. pche5+pchG=Dpche5+pch	6.72E+10	0.0	7214.0
3913. pche5+pchG=Epche6+pch	1.00E+11	0.0	8300.0
3914. pche6+pchG=Epche6+pch	1.00E+11	0.0	8300.0
3915. pche6+pchG=Fpche7+pch	1.00E+11	0.0	8300.0
3916. pche1+pchqjA=Apche2+pchqA	1.40E+12	0.0	14900.0
3917. pche2+pchqjA=Apche2+pchqA	9.63E+03	2.6	13910.0
3918. pche2+pchqjA=Dpche2+pchqA	2.66E+11	0.0	11269.0
3919. pche3+pchqjA=Dpche2+pchqA	1.40E+12	0.0	14900.0
3920. pche3+pchqjA=Cpche4+pchqA	2.80E+12	0.0	14900.0
3921. pche4+pchqjA=Cpche4+pchqA	1.40E+12	0.0	14900.0
3922. pche4+pchqjA=Dpche5+pchqA	1.40E+12	0.0	14900.0
3923. pche5+pchqjA=Dpche5+pchqA	2.66E+11	0.0	11269.0
		0.0	
3924. pche5+pchqjA=Epche6+pchqA	1.40E+12		14900.0
3925. pche6+pchqjA=Epche6+pchqA	1.40E+12	0.0	14900.0
3926. pche6+pchqjA=Fpche7+pchqA	1.40E+12	0.0	14900.0
3927. pche1+pchqjB=Apche2+pchqB	1.40E+12	0.0	14900.0
3928. pche2+pchqjB=Apche2+pchqB	9.63E+03	2.6	13910.0
3929. pche2+pchqjB=Dpche2+pchqB	2.66E+11	0.0	11269.0
3930. pche3+pchqjB=Dpche2+pchqB	1.40E+12	0.0	14900.0
3931. pche3+pchqjB=Cpche4+pchqB	2.80E+12	0.0	14900.0
3932. pche4+pchqjB=Cpche4+pchqB	1.40E+12	0.0	14900.0
3933. pche4+pchqjB=Dpche5+pchqB	1.40E+12	0.0	14900.0
3934. pche5+pchqjB=Dpche5+pchqB	2.66E+11	0.0	11269.0
3935. pche5+pchqjB=Epche6+pchqB	1.40E+12	0.0	14900.0
3936. pche6+pchqjB=Epche6+pchqB	1.40E+12	0.0	14900.0
3937. pche6+pchqjB=Fpche7+pchqB	1.40E+12	0.0	14900.0
3938. pchel+pchqjC=Apche2+pchqC	1.40E+12	0.0	14900.0
3939. pche2+pchqjC=Apche2+pchqC	9.63E+03	2.6	13910.0
3940. pche2+pchqjC=Dpche2+pchqC	2.66E+11	0.0	11269.0
3941. pche3+pchqjC=Dpche2+pchqC	1.40E+12	0.0	14900.0
3942. pche3+pchqjC=Cpche4+pchqC	2.80E+12	0.0	14900.0
3943. pche4+pchqjC=Cpche4+pchqC	1.40E+12	0.0	14900.0
3944. pche4+pchqjC=Dpche5+pchqC	1.40E+12	0.0	14900.0
	2.66E+11	0.0	11269.0
3945. pche5+pchqjC=Dpche5+pchqC			
3946. pche5+pchqjC=Epche6+pchqC	1.40E+12	0.0	14900.0
3947. pche6+pchqjC=Epche6+pchqC	1.40E+12	0.0	14900.0
3948. pche6+pchqjC=Fpche7+pchqC	1.40E+12	0.0	14900.0
3949. pche1+pchqjD=Apche2+pchqD	1.40E+12	0.0	14900.0
3950. pche2+pchqjD=Apche2+pchqD	9.63E+03	2.6	13910.0
3951. pche2+pchqjD=Dpche2+pchqD	2.66E+11	0.0	11269.0
3952. pche3+pchqjD=Dpche2+pchqD	1.40E+12	0.0	14900.0
3953. pche3+pchqjD=Cpche4+pchqD	2.80E+12	0.0	14900.0
3954. pche4+pchqjD=Cpche4+pchqD	1.40E+12	0.0	14900.0
3955. pche4+pchqjD=Dpche5+pchqD	1.40E+12	0.0	14900.0
3956. pche5+pchqjD=Dpche5+pchqD	2.66E+11	0.0	11269.0
3957. pche5+pchqjD=Epche6+pchqD	1.40E+12	0.0	14900.0
3958. pche6+pchqjD=Epche6+pchqD	1.40E+12	0.0	14900.0
3959. pche6+pchqjD=Fpche7+pchqD	1.40E+12	0.0	14900.0
		0.0	
3960. pchel+pchqjE=Apche2+pchqE	1.40E+12		14900.0
3961. pche2+pchqjE=Apche2+pchqE	9.63E+03	2.6	13910.0
3962. pche2+pchqjE=Dpche2+pchqE	2.66E+11	0.0	11269.0
3963. pche3+pchqjE=Dpche2+pchqE	1.40E+12	0.0	14900.0
3964. pche3+pchqjE=Cpche4+pchqE	2.80E+12	0.0	14900.0
3965. pche4+pchqjE=Cpche4+pchqE	1.40E+12	0.0	14900.0
3966. pche4+pchqjE=Dpche5+pchqE	1.40E+12	0.0	14900.0
3967. pche5+pchqjE=Dpche5+pchqE	2.66E+11	0.0	11269.0
3707. Peries Peridia-pheries-herida	7.00₽±11	0.0	11209.0

3968.	pche5+pchqjE=Epche6+pchqE	1.40E+12	0.0	14900.0
3969.	pche6+pchqjE=Epche6+pchqE	1.40E+12	0.0	14900.0
	pche6+pchqjE=Fpche7+pchqE	1.40E+12	0.0	14900.0
	pche1+pchqjF=Apche2+pchqF	1.40E+12	0.0	14900.0
	pche2+pchqjF=Apche2+pchqF	9.63E+03	2.6	13910.0
	pche2+pchqjF=Dpche2+pchqF	2.66E+11	0.0	11269.0
3974.	pche3+pchqjF=Dpche2+pchqF	1.40E+12	0.0	14900.0
3975.	pche3+pchqjF=Cpche4+pchqF	2.80E+12	0.0	14900.0
	pche4+pchqjF=Cpche4+pchqF	1.40E+12	0.0	14900.0
	pche4+pchqjF=Dpche5+pchqF	1.40E+12	0.0	14900.0
	pche5+pchqjF=Dpche5+pchqF	2.66E+11	0.0	11269.0
	pche5+pchqjF=Epche6+pchqF	1.40E+12	0.0	14900.0
3980.	pche6+pchqjF=Epche6+pchqF	1.40E+12	0.0	14900.0
3981.	pche6+pchqjF=Fpche7+pchqF	1.40E+12	0.0	14900.0
	pche1+pchqjG=Apche2+pchqG	1.40E+12	0.0	14900.0
	pche2+pchqjG=Apche2+pchqG	9.63E+03	2.6	13910.0
	pche2+pchqjG=Dpche2+pchqG	2.66E+11	0.0	11269.0
	pche3+pchqjG=Dpche2+pchqG	1.40E+12	0.0	14900.0
	pche3+pchqjG=Cpche4+pchqG	2.80E+12	0.0	14900.0
3987.	pche4+pchqjG=Cpche4+pchqG	1.40E+12	0.0	14900.0
3988.	pche4+pchqjG=Dpche5+pchqG	1.40E+12	0.0	14900.0
	pche5+pchqjG=Dpche5+pchqG	2.66E+11	0.0	11269.0
	pche5+pchqjG=Epche6+pchqG	1.40E+12	0.0	14900.0
	pche6+pchqjG=Epche6+pchqG	1.40E+12	0.0	14900.0
	pche6+pchqjG=Fpche7+pchqG	1.40E+12	0.0	14900.0
3993.	pcho-AB+ch3=ApchoB+ch4	2.00E+11	0.0	10000.0
3994.	pcho-AB+ch3=BpchoA+ch4	2.00E+11	0.0	10000.0
3995.	pcho-AB+ch3o2=ApchoB+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AB+ch3o2=BpchoA+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AB+h=ApchoB+h2	2.70E+07	2.0	5000.0
	pcho-AB+h=BpchoA+h2	2.70E+07	2.0	5000.0
	pcho-AB+ho2=ApchoB+h2o2	4.00E+12	0.0	17000.0
4000.	pcho-AB+ho2=BpchoA+h2o2	4.00E+12	0.0	17000.0
4001.	pcho-AB+o=ApchoB+oh	5.00E+12	0.0	0.0
4002.	pcho-AB+o=BpchoA+oh	5.00E+12	0.0	0.0
	pcho-AB+oh=ApchoB+h2o	7.80E+06	2.0	-765.0
	pcho-AB+oh=BpchoA+h2o	7.80E+06	2.0	-765 <b>.</b> 0
	pcho-AC+ch3=ApchoC+ch4	2.00E+11	0.0	10000.0
	pcho-AC+ch3=CpchoA+ch4	2.00E+11	0.0	10000.0
	pcho-AC+ch3o2=ApchoC+ch3o2h	1.00E+13	0.0	19000.0
4008.	pcho-AC+ch3o2=CpchoA+ch3o2h	1.00E+13	0.0	19000.0
4009.	pcho-AC+h=ApchoC+h2	2.70E+07	2.0	5000.0
	pcho-AC+h=CpchoA+h2	2.70E+07	2.0	5000.0
	pcho-AC+ho2=ApchoC+h2o2	4.00E+12	0.0	17000.0
	pcho-AC+ho2=CpchoA+h2o2			
	<del>-</del>	4.00E+12	0.0	17000.0
	pcho-AC+o=ApchoC+oh	5.00E+12	0.0	0.0
	pcho-AC+o=CpchoA+oh	5.00E+12	0.0	0.0
4015.	pcho-AC+oh=ApchoC+h2o	7.80E+06	2.0	-765.0
4016.	pcho-AC+oh=CpchoA+h2o	7.80E+06	2.0	-765.0
4017.	pcho-AD+ch3=DpchoA+ch4	2.00E+11	0.0	10000.0
	pcho-AD+ch3o2=DpchoA+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AD+h=DpchoA+h2		2.0	
	<del>-</del>	2.70E+07		5000.0
	pcho-AD+ho2=DpchoA+h2o2	4.00E+12	0.0	17000.0
	pcho-AD+o=DpchoA+oh	5.00E+12	0.0	0.0
4022.	pcho-AD+oh=DpchoA+h2o	7.80E+06	2.0	-765.0
4023.	pcho-AE+ch3=ApchoE+ch4	2.00E+11	0.0	10000.0
	pcho-AE+ch3=EpchoA+ch4	2.00E+11	0.0	10000.0
	pcho-AE+ch3o2=ApchoE+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AE+ch3o2=EpchoA+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AE+h=ApchoE+h2	2.70E+07	2.0	5000.0
4028.	pcho-AE+h=EpchoA+h2	2.70E+07	2.0	5000.0

4029.	pcho-AE+ho2=ApchoE+h2o2	4.00E+12	0.0	17000.0
4030.	pcho-AE+ho2=EpchoA+h2o2	4.00E+12	0.0	17000.0
	pcho-AE+o=ApchoE+oh	5.00E+12	0.0	0.0
	pcho-AE+o=EpchoA+oh	5.00E+12	0.0	0.0
	pcho-AE+oh=ApchoE+h2o	7.80E+06	2.0	-765.0
4034.	pcho-AE+oh=EpchoA+h2o	7.80E+06	2.0	-765.0
4035.	pcho-AF+ch3=ApchoF+ch4	2.00E+11	0.0	10000.0
	pcho-AF+ch3=FpchoA+ch4	2.00E+11	0.0	10000.0
	pcho-AF+ch3o2=ApchoF+ch3o2h	1.00E+13	0.0	19000.0
	pcho-AF+ch3o2=FpchoA+ch3o2h	1.00E+13	0.0	19000.0
4039.	pcho-AF+h=ApchoF+h2	2.70E+07	2.0	5000.0
4040.	pcho-AF+h=FpchoA+h2	2.70E+07	2.0	5000.0
	pcho-AF+ho2=ApchoF+h2o2	4.00E+12	0.0	17000.0
	pcho-AF+ho2=FpchoA+h2o2	4.00E+12	0.0	17000.0
4043.	pcho-AF+o=ApchoF+oh	5.00E+12	0.0	0.0
4044.	pcho-AF+o=FpchoA+oh	5.00E+12	0.0	0.0
	pcho-AF+oh=ApchoF+h2o	7.80E+06	2.0	-765.0
	pcho-AF+oh=FpchoA+h2o	7.80E+06	2.0	-765.0
	pcho-BC+ch3=BpchoC+ch4	2.00E+11	0.0	10000.0
4048.	pcho-BC+ch3=CpchoB+ch4	2.00E+11	0.0	10000.0
4049.	pcho-BC+ch3o2=BpchoC+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BC+ch3o2=CpchoB+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BC+h=BpchoC+h2	2.70E+07	2.0	5000.0
	pcho-BC+h=CpchoB+h2	2.70E+07	2.0	5000.0
4053.	pcho-BC+ho2=BpchoC+h2o2	4.00E+12	0.0	17000.0
4054.	pcho-BC+ho2=CpchoB+h2o2	4.00E+12	0.0	17000.0
	pcho-BC+o=BpchoC+oh	5.00E+12	0.0	0.0
	pcho-BC+o=CpchoB+oh	5.00E+12	0.0	0.0
	pcho-BC+oh=BpchoC+h2o	7.80E+06	2.0	-765.0
4058.	pcho-BC+oh=CpchoB+h2o	7.80E+06	2.0	-765.0
4059.	pcho-BD+ch3=DpchoB+ch4	2.00E+11	0.0	10000.0
	pcho-BD+ch3o2=DpchoB+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BD+h=DpchoB+h2	2.70E+07	2.0	
				5000.0
	pcho-BD+ho2=DpchoB+h2o2	4.00E+12	0.0	17000.0
4063.	pcho-BD+o=DpchoB+oh	5.00E+12	0.0	0.0
4064.	pcho-BD+oh=DpchoB+h2o	7.80E+06	2.0	-765.0
	pcho-BE+ch3=BpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-BE+ch3=EpchoB+ch4	2.00E+11	0.0	10000.0
	_			
	pcho-BE+ch3o2=BpchoE+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BE+ch3o2=EpchoB+ch3o2h	1.00E+13	0.0	19000.0
4069.	pcho-BE+h=BpchoE+h2	2.70E+07	2.0	5000.0
4070.	pcho-BE+h=EpchoB+h2	2.70E+07	2.0	5000.0
	pcho-BE+ho2=BpchoE+h2o2	4.00E+12	0.0	17000.0
	pcho-BE+ho2=EpchoB+h2o2	4.00E+12	0.0	
				17000.0
	pcho-BE+o=BpchoE+oh	5.00E+12	0.0	0.0
4074.	pcho-BE+o=EpchoB+oh	5.00E+12	0.0	0.0
4075.	pcho-BE+oh=BpchoE+h2o	7.80E+06	2.0	-765.0
4076.	pcho-BE+oh=EpchoB+h2o	7.80E+06	2.0	-765.0
	pcho-BF+ch3=BpchoF+ch4	2.00E+11	0.0	10000.0
	pcho-BF+ch3=FpchoB+ch4	2.00E+11	0.0	10000.0
	pcho-BF+ch3o2=BpchoF+ch3o2h	1.00E+13	0.0	19000.0
4080.	pcho-BF+ch3o2=FpchoB+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BF+h=BpchoF+h2	2.70E+07	2.0	5000.0
	pcho-BF+h=FpchoB+h2	2.70E+07	2.0	5000.0
	pcho-BF+ho2=BpchoF+h2o2	4.00E+12	0.0	17000.0
	pcho-BF+ho2=FpchoB+h2o2	4.00E+12	0.0	17000.0
4085.	pcho-BF+o=BpchoF+oh	5.00E+12	0.0	0.0
4086.	pcho-BF+o=FpchoB+oh	5.00E+12	0.0	0.0
	pcho-BF+oh=BpchoF+h2o	7.80E+06	2.0	-765.0
	pcho-BF+oh=FpchoB+h2o	7.80E+06	2.0	-765.0
±∪ŏ9.	pcho-BG+ch3=BpchoG+ch4	2.00E+11	0.0	10000.0

4090.	pcho-BG+ch3=GpchoB+ch4	2.00E+11	0.0	10000.0
4091.	pcho-BG+ch3o2=BpchoG+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BG+ch3o2=GpchoB+ch3o2h	1.00E+13	0.0	19000.0
	pcho-BG+h=BpchoG+h2	2.70E+07	2.0	5000.0
	pcho-BG+h=GpchoB+h2	2.70E+07	2.0	5000.0
4095.	pcho-BG+ho2=BpchoG+h2o2	4.00E+12	0.0	17000.0
4096.	pcho-BG+ho2=GpchoB+h2o2	4.00E+12	0.0	17000.0
	pcho-BG+o=BpchoG+oh	5.00E+12	0.0	0.0
	pcho-BG+o=GpchoB+oh	5.00E+12	0.0	0.0
	pcho-BG+oh=BpchoG+h2o	7.80E+06	2.0	-765.0
4100.	pcho-BG+oh=GpchoB+h2o	7.80E+06	2.0	-765.0
4101.	pcho-CD+ch3=DpchoC+ch4	2.00E+11	0.0	10000.0
	pcho-CD+ch3o2=DpchoC+ch3o2h	1.00E+13	0.0	19000.0
	pcho-CD+h=DpchoC+h2	2.70E+07	2.0	5000.0
4104.	pcho-CD+ho2=DpchoC+h2o2	4.00E+12	0.0	17000.0
4105.	pcho-CD+o=DpchoC+oh	5.00E+12	0.0	0.0
4106.	pcho-CD+oh=DpchoC+h2o	7.80E+06	2.0	-765.0
	pcho-CE+ch3=CpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-CE+ch3=EpchoC+ch4	2.00E+11	0.0	10000.0
4109.	pcho-CE+ch3o2=CpchoE+ch3o2h	1.00E+13	0.0	19000.0
4110.	pcho-CE+ch3o2=EpchoC+ch3o2h	1.00E+13	0.0	19000.0
	pcho-CE+h=CpchoE+h2	2.70E+07	2.0	5000.0
			2.0	
	pcho-CE+h=EpchoC+h2	2.70E+07		5000.0
	pcho-CE+ho2=CpchoE+h2o2	4.00E+12	0.0	17000.0
4114.	pcho-CE+ho2=EpchoC+h2o2	4.00E+12	0.0	17000.0
4115.	pcho-CE+o=CpchoE+oh	5.00E+12	0.0	0.0
	pcho-CE+o=EpchoC+oh	5.00E+12	0.0	0.0
	pcho-CE+oh=CpchoE+h2o	7.80E+06	2.0	-765.0
	pcho-CE+oh=EpchoC+h2o	7.80E+06	2.0	-765.0
4119.	pcho-CF+ch3=CpchoF+ch4	2.00E+11	0.0	10000.0
4120.	pcho-CF+ch3=FpchoC+ch4	2.00E+11	0.0	10000.0
	pcho-CF+ch3o2=CpchoF+ch3o2h	1.00E+13	0.0	19000.0
	pcho-CF+ch3o2=FpchoC+ch3o2h		0.0	19000.0
		1.00E+13		
	pcho-CF+h=CpchoF+h2	2.70E+07	2.0	5000.0
4124.	pcho-CF+h=FpchoC+h2	2.70E+07	2.0	5000.0
4125.	pcho-CF+ho2=CpchoF+h2o2	4.00E+12	0.0	17000.0
	pcho-CF+ho2=FpchoC+h2o2	4.00E+12	0.0	17000.0
	pcho-CF+o=CpchoF+oh	5.00E+12	0.0	0.0
	pcho-CF+o=FpchoC+oh	5.00E+12	0.0	0.0
4129.	pcho-CF+oh=CpchoF+h2o	7.80E+06	2.0	-765.0
4130.	pcho-CF+oh=FpchoC+h2o	7.80E+06	2.0	-765.0
4131.	pcho-CG+ch3=CpchoG+ch4	2.00E+11	0.0	10000.0
	pcho-CG+ch3=GpchoC+ch4	2.00E+11	0.0	10000.0
	_			
	pcho-CG+ch3o2=CpchoG+ch3o2h	1.00E+13	0.0	19000.0
	pcho-CG+ch3o2=GpchoC+ch3o2h	1.00E+13	0.0	19000.0
	pcho-CG+h=CpchoG+h2	2.70E+07	2.0	5000.0
4136.	pcho-CG+h=GpchoC+h2	2.70E+07	2.0	5000.0
	pcho-CG+ho2=CpchoG+h2o2	4.00E+12	0.0	17000.0
	pcho-CG+ho2=GpchoC+h2o2		0.0	
		4.00E+12		17000.0
	pcho-CG+o=CpchoG+oh	5.00E+12	0.0	0.0
4140.	pcho-CG+o=GpchoC+oh	5.00E+12	0.0	0.0
4141.	pcho-CG+oh=CpchoG+h2o	7.80E+06	2.0	-765.0
	pcho-CG+oh=GpchoC+h2o	7.80E+06	2.0	-765.0
	pcho-DE+ch3=DpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-DE+ch3o2=DpchoE+ch3o2h	1.00E+13	0.0	19000.0
	pcho-DE+h=DpchoE+h2	2.70E+07	2.0	5000.0
4146.	pcho-DE+ho2=DpchoE+h2o2	4.00E+12	0.0	17000.0
4147.	pcho-DE+o=DpchoE+oh	5.00E+12	0.0	0.0
	pcho-DE+oh=DpchoE+h2o	7.80E+06	2.0	-765.0
	pcho-DF+ch3=DpchoF+ch4	2.00E+11	0.0	10000.0
415U.	pcho-DF+ch3o2=DpchoF+ch3o2h	1.00E+13	0.0	19000.0

4151.	pcho-DF+h=DpchoF+h2	2.70E+07	2.0	5000.0
4152.	pcho-DF+ho2=DpchoF+h2o2	4.00E+12	0.0	17000.0
4153.	pcho-DF+o=DpchoF+oh	5.00E+12	0.0	0.0
	pcho-DF+oh=DpchoF+h2o	7.80E+06	2.0	-765.0
	pcho-DG+ch3=DpchoG+ch4	2.00E+11	0.0	10000.0
	pcho-DG+ch3o2=DpchoG+ch3o2h	1.00E+13	0.0	19000.0
	pcho-DG+h=DpchoG+h2	2.70E+07	2.0	5000.0
	pcho-DG+ho2=DpchoG+h2o2	4.00E+12	0.0	17000.0
	pcho-DG+o=DpchoG+oh	5.00E+12	0.0	0.0
	pcho-DG+oh=DpchoG+h2o	7.80E+06	2.0	-765.0
	pcho-EF+ch3=EpchoF+ch4	2.00E+11	0.0	10000.0
	pcho-EF+ch3=FpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-EF+ch3o2=EpchoF+ch3o2h	1.00E+13	0.0	19000.0
	pcho-EF+ch3o2=FpchoE+ch3o2h	1.00E+13	0.0	19000.0
4165.	pcho-EF+h=EpchoF+h2	2.70E+07	2.0	5000.0
4166.	pcho-EF+h=FpchoE+h2	2.70E+07	2.0	5000.0
4167.	pcho-EF+ho2=EpchoF+h2o2	4.00E+12	0.0	17000.0
4168.	pcho-EF+ho2=FpchoE+h2o2	4.00E+12	0.0	17000.0
	pcho-EF+o=EpchoF+oh	5.00E+12	0.0	0.0
	pcho-EF+o=FpchoE+oh	5.00E+12	0.0	0.0
	pcho-EF+oh=EpchoF+h2o	7.80E+06	2.0	-765.0
	pcho-EF+oh=EpchoE+h2o	7.80E+06	2.0	-765.0
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	pcho-EG+ch3=EpchoG+ch4	2.00E+11	0.0	10000.0
	pcho-EG+ch3=GpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-EG+ch3o2=EpchoG+ch3o2h	1.00E+13	0.0	19000.0
	pcho-EG+ch3o2=GpchoE+ch3o2h	1.00E+13	0.0	19000.0
	pcho-EG+h=EpchoG+h2	2.70E+07	2.0	5000.0
4178.	pcho-EG+h=GpchoE+h2	2.70E+07	2.0	5000.0
	pcho-EG+ho2=EpchoG+h2o2	4.00E+12	0.0	17000.0
4180.	pcho-EG+ho2=GpchoE+h2o2	4.00E+12	0.0	17000.0
4181.	pcho-EG+o=EpchoG+oh	5.00E+12	0.0	0.0
4182.	pcho-EG+o=GpchoE+oh	5.00E+12	0.0	0.0
4183.	pcho-EG+oh=EpchoG+h2o	7.80E+06	2.0	-765.0
	pcho-EG+oh=GpchoE+h2o	7.80E+06	2.0	-765.0
	pcho-EH+ch3=EpchoH+ch4	2.00E+11	0.0	10000.0
	pcho-EH+ch3=HpchoE+ch4	2.00E+11	0.0	10000.0
	pcho-EH+ch3o2=EpchoH+ch3o2h	1.00E+13	0.0	19000.0
	pcho-EH+ch3o2=HpchoE+ch3o2h	1.00E+13	0.0	19000.0
	pcho-EH+h=EpchoH+h2	2.70E+07	2.0	5000.0
	<u>-</u>		2.0	
	pcho-EH+h=HpchoE+h2	2.70E+07		5000.0
	pcho-EH+ho2=EpchoH+h2o2	4.00E+12	0.0	17000.0
	pcho-EH+ho2=HpchoE+h2o2	4.00E+12	0.0	17000.0
	pcho-EH+o=EpchoH+oh	5.00E+12	0.0	0.0
	pcho-EH+o=HpchoE+oh	5.00E+12	0.0	0.0
	pcho-EH+oh=EpchoH+h2o	7.80E+06	2.0	-765.0
	pcho-EH+oh=HpchoE+h2o	7.80E+06	2.0	-765.0
4197.	pcho-EI+ch3=IpchoE+ch4	4.00E+11	0.0	10000.0
4198.	pcho-EI+ch3o2=IpchoE+ch3o2h	2.00E+13	0.0	19000.0
4199.	pcho-EI+h=IpchoE+h2	5.40E+07	2.0	5000.0
4200.	pcho-EI+ho2=IpchoE+h2o2	8.00E+12	0.0	17000.0
4201.	pcho-EI+o=IpchoE+oh	1.00E+13	0.0	0.0
	pcho-EI+oh=IpchoE+h2o	1.56E+07	2.0	-765.0
	pcho-FG+ch3=FpchoG+ch4	2.00E+11	0.0	10000.0
	pcho-FG+ch3=GpchoF+ch4	2.00E+11	0.0	10000.0
	pcho-FG+ch3o2=FpchoG+ch3o2h	1.00E+13	0.0	19000.0
	pcho-FG+ch3o2=FpchoF+ch3o2h	1.00E+13	0.0	19000.0
	pcho-FG+h=FpchoG+h2	2.70E+07	2.0	
	<del>-</del>			5000.0
	pcho-FG+h=GpchoF+h2	2.70E+07	2.0	5000.0
	pcho-FG+ho2=FpchoG+h2o2	4.00E+12	0.0	17000.0
	pcho-FG+ho2=GpchoF+h2o2	4.00E+12	0.0	17000.0
4ZII.	pcho-FG+o=FpchoG+oh	5.00E+12	0.0	0.0

4212.	pcho-FG+o=GpchoF+oh	5.00E+12	0.0	0.0
4213.	pcho-FG+oh=FpchoG+h2o	7.80E+06	2.0	-765.0
4214.	pcho-FG+oh=GpchoF+h2o	7.80E+06	2.0	-765.0
4215.	pcho-FH+ch3=HpchoF+ch4	4.00E+11	0.0	10000.0
4216.	pcho-FH+ch3o2=HpchoF+ch3o2h	2.00E+13	0.0	19000.0
	pcho-FH+h=HpchoF+h2	5.40E+07	2.0	5000.0
	pcho-FH+ho2=HpchoF+h2o2	8.00E+12	0.0	17000.0
	pcho-FH+o=HpchoF+oh	1.00E+13	0.0	0.0
	pcho-FH+oh=HpchoF+h2o	1.56E+07	2.0	-765.0
	ApchohB+o2=Ao2pchohB	2.00E+12	0.0	0.0
	BpchohA+o2=Bo2pchohA	2.00E+12	0.0	0.0
	BpchohC+o2=Bo2pchohC	2.00E+12 2.00E+12	0.0	0.0
			0.0	
	CpchohB+o2=Co2pchohB	2.00E+12		0.0
	CpchohD+o2=Co2pchohD	2.00E+12	0.0	0.0
	DpchohC+o2=Do2pchohC	2.00E+12	0.0	0.0
	DpchohE+o2=Do2pchohE	2.00E+12	0.0	0.0
	EpchohD+o2=Eo2pchohD	2.00E+12	0.0	0.0
	EpchohF+o2=Eo2pchohF	2.00E+12	0.0	0.0
	FpchohE+o2=Fo2pchohE	2.00E+12	0.0	0.0
	FpchohG+o2=Fo2pchohG	2.00E+12	0.0	0.0
4232.	GpchohF+o2=Go2pchohF	2.00E+12	0.0	0.0
4233.	Ao2pchohB=>oh+echoA+ch2o	1.00E+16	0.0	25000.0
4234.	Bo2pchohA=>oh+echoA+ch2o	1.00E+16	0.0	25000.0
4235.	Bo2pchohC=>oh+mchoA+ch3hco	1.00E+16	0.0	25000.0
4236.	Co2pchohB=>oh+mchoA+ch3hco	1.00E+16	0.0	25000.0
	Co2pchohD=>oh+chxone+ethco	1.00E+16	0.0	25000.0
	Do2pchohC=>oh+chxone+ethco	1.00E+16	0.0	25000.0
	Do2pchohE=>oh+c9oAoF	1.00E+16	0.0	25000.0
	Eo2pchohD=>oh+c9oAoF	1.00E+16	0.0	25000.0
	Eo2pchohF=>oh+MeEc8oAoI	1.00E+16	0.0	25000.0
	Fo2pchohE=>oh+MeEc8oAoI	1.00E+16	0.0	25000.0
	Fo2pchohG=>oh+EtDc7oAoI	1.00E+16	0.0	25000.0
	Go2pchohF=>oh+EtDc7oAoI	1.00E+16	0.0	25000.0
	c9oAoF+oh=c9oyAoF+h2o	4.20E+12	0.0	500.0
	c9oAoF+h=c9oyAoF+h2	4.00E+13	0.0	4200.0
	c9oAoF+ho2=c9oyAoF+h2o2	1.00E+12	0.0	10000.0
	c9oyAoF=Hc8oD+co	2.00E+13	0.0	28700.0
	c9oyAoF+ho2=Hc8oD+co2+oh	2.00E+13	0.0	0.0
	c2h4+Ac6oC=Hc8oD	1.76E+04	2.5	6130.0
	c2h4+c3h7co=Ac6oC	1.00E+11	0.0	7800.0
	MeEc8oAoI+oh=MeEc8oAoyI+h2o	4.20E+12	0.0	500.0
	MeEc8oAoI+h=MeEc8oAoyI+h2	4.00E+13	0.0	4200.0
	MeEc8oAoI+ho2=MeEc8oAoyI+h2o2	1.00E+12	0.0	10000.0
	MeEc8oAoI+oh=MeEc8oyAoI+h2o	4.20E+12	0.0	500.0
4256.	MeEc8oAoI+h=MeEc8oyAoI+h2	4.00E+13	0.0	4200.0
4257.	MeEc8oAoI+ho2=MeEc8oyAoI+h2o2	1.00E+12	0.0	10000.0
4258.	MeEc8oAoyI=Ec8oA+co	2.00E+13	0.0	28700.0
4259.	MeEc8oAoyI+ho2=Ec8oA+co2+oh	2.00E+13	0.0	0.0
4260.	MeEc8oyAoI=MeDc7oHrA+co	2.00E+13	0.0	28700.0
	MeEc8oyAoI+ho2=MeDc7oHrA+co2+oh	2.00E+13	0.0	0.0
	c2h4+MeBc5oArF=MeDc7oHrA	1.76E+04	2.5	6130.0
	c5h10+hco=MeBc5oArF	1.76E+04	2.5	6130.0
	nc3h7+acrol=MeBc5oArF	1.76E+04	2.5	6130.0
	ch2ch2hco+c5h10=Ec8oA	1.76E+04	2.5	6130.0
	c6e5oA+c2h5=Ec8oA	1.76E+04	2.5	6130.0
	EtDc7oAoI+oh=EtDc7oAoyI+h2o	4.20E+12	0.0	500.0
	EtDc7oAoI+oH=EtDc7oAoyI+h2	4.20E+12 4.00E+13	0.0	4200.0
			0.0	
	EtDc7oAoI+ho2=EtDc7oAoyI+h2o2	1.00E+12		10000.0
	EtDc7oAoI+oh=EtDc7oyAoI+h2o	4.20E+12	0.0	500.0
	EtDc7oAoI+h=EtDc7oyAoI+h2	4.00E+13	0.0	4200.0
42/2.	EtDc7oAoI+ho2=EtDc7oyAoI+h2o2	1.00E+12	0.0	10000.0

	EtDc7oAoyI=MeDc7oArH+co	2.00E+13	0.0	28700.0
4274.	EtDc7oAoyI+ho2=MeDc7oArH+co2+oh	2.00E+13	0.0	0.0
4275.	EtDc7oyAoI=EtCc6oArH+co	2.00E+13	0.0	28700.0
4276.	EtDc7oyAoI+ho2=EtCc6oArH+co2+oh	2.00E+13	0.0	0.0
	c5h10+ch2ch2hco=MeDc7oArH	1.76E+04	2.5	6130.0
	nc3h7+c4h7hco-1=MeDc7oArH	1.76E+04	2.5	6130.0
	c2h4+Cc6oA=EtCc6oArH	1.76E+04	2.5	6130.0
	c5h10+hco=Cc6oA	1.76E+04	2.5	6130.0
	c2h5+ac3h5hco=Cc6oA	1.76E+04	2.5	6130.0
4282.	BpchqA=oh+pcho-AB	7.50E+10	0.0	22000.0
4283.	CpchqA=oh+pcho-AC	6.25E+09	0.0	15250.0
	DpchqA=oh+pcho-AD	5.20E+08	0.0	6500.0
	EpchqA=oh+pcho-AE	4.33E+07	0.0	1800.0
	ApchqB=oh+pcho-AB	2.95E+11	0.0	22000.0
	CpchqB=oh+pcho-BC	2.95E+11	0.0	22000.0
	DpchqB=oh+pcho-BD	2.50E+10	0.0	15250.0
	EpchqB=oh+pcho-BE	2.10E+08	0.0	6500.0
4290.	FpchqB=oh+pcho-BF	1.50E+08	0.0	1800.0
4291.	ApchqC=oh+pcho-AC	2.50E+10	0.0	15250.0
	BpchqC=oh+pcho-BC	2.95E+11	0.0	22000.0
	DpchqC=oh+pcho-CD	2.95E+11	0.0	22000.0
	EpchqC=oh+pcho-CE	2.50E+10	0.0	15250.0
	FpchqC=oh+pcho-CF	2.10E+08	0.0	6500.0
	GpchqC=oh+pcho-CG	1.50E+08	0.0	1800.0
	ApchqD=oh+pcho-AD	2.10E+08	0.0	6500.0
4298.	BpchqD=oh+pcho-BD	2.50E+10	0.0	15250.0
4299.	CpchqD=oh+pcho-CD	2.95E+11	0.0	22000.0
4300.	EpchqD=oh+pcho-DE	5.80E+12	0.0	13400.0
	FpchqD=oh+pcho-DF	1.40E+12	0.0	20000.0
	GpchqD=oh+pcho-DG	8.60E+12	0.0	18500.0
			0.0	
	ApchqE=oh+pcho-AE	1.50E+08		1800.0
	BpchqE=oh+pcho-BE	2.10E+08	0.0	6500.0
	CpchqE=oh+pcho-CE	2.50E+10	0.0	15250.0
4306.	DpchqE=oh+pcho-DE	5.80E+12	0.0	13400.0
4307.	FpchqE=oh+pcho-EF	5.80E+12	0.0	13400.0
4308.	GpchqE=oh+pcho-EG	1.40E+12	0.0	20000.0
	HpchqE=oh+pcho-EH	8.60E+12	0.0	18500.0
	IpchqE=oh+pcho-EI	1.40E+12	0.0	20000.0
	BpchqF=oh+pcho-BF	1.50E+08	0.0	1800.0
	CpchqF=oh+pcho-CF	2.10E+08	0.0	6500.0
	DpchqF=oh+pcho-DF	1.40E+12	0.0	20000.0
	EpchqF=oh+pcho-EF	5.80E+12	0.0	13400.0
	GpchqF=oh+pcho-FG	5.80E+12	0.0	13400.0
4316.	HpchqF=oh+pcho-FH	1.40E+12	0.0	20000.0
4317.	IpchqF=oh+pcho-EH	8.60E+12	0.0	18500.0
4318.	CpchqG=oh+pcho-CG	1.50E+08	0.0	1800.0
	DpchqG=oh+pcho-DG	8.60E+12	0.0	18500.0
	EpchqG=oh+pcho-EG	1.40E+12	0.0	20000.0
	FpchqG=oh+pcho-FG	5.80E+12		
			0.0	13400.0
	ApchqA=oh+pchoA	4.80E+12	0.0	28725.0
	BpchqB=oh+pchoB	4.80E+12	0.0	28725.0
	CpchqC=oh+pchoC	4.80E+12	0.0	28725.0
4325.	EpchqE=oh+pchoE	4.80E+12	0.0	28725.0
4326.	FpchqF=oh+pchoF	4.80E+12	0.0	28725.0
	GpchqG=oh+pchoG	4.80E+12	0.0	28725.0
	ApchqC=oh+c2h4+mchoA	5.00E+13	0.0	25500.0
	CpchqA=oh+ch2o+eche1	5.00E+13	0.0	25500.0
	BpchqD=oh+c3h6+chxone	5.00E+13	0.0	
				25500.0
	DpchqB=oh+ch3hco+mche1	4.00E+12	0.0	19500.0
	CpchqE=oh+c8h15hco	5.00E+13	0.0	25500.0
4333.	EpchqC=oh+ethco+cyc6h10	5.00E+13	0.0	25500.0

4334. DpchqF=oh+c8h15hco	5.00E+13	0.0	25500.0
4335. FpchqD=oh+c9e8oD	5.00E+13	0.0	25500.0
4336. EpchqG=oh+c8h15hco	5.00E+13	0.0	25500.0
4337. GpchqE=oh+c8h15hco	5.00E+13	0.0	25500.0
4338. IpchqE=oh+c8h15hco	5.00E+13	0.0	25500.0
4339. HpchqF=oh+c8h15hco	5.00E+13	0.0	25500.0
<b>- -</b>			
4340. BpchqA+o2=pchqAqjB	1.84E+45	-11.1	6538.0
4341. CpchqA+o2=pchqAqjC	1.84E+45	-11.1	6538.0
4342. DpchqA+o2=pchqAqjD	1.84E+45	-11.1	6538.0
4343. EpchqA+o2=pchqAqjE	1.84E+45	-11.1	6538.0
4344. FpchqA+o2=pchqAqjF	1.84E+45	-11.1	6538.0
4345. GpchqA+o2=pchqAqjG	1.84E+45	-11.1	6538.0
4346. ApchqB+o2=pchqBqjA	4.82E+36	-8.2	5167.0
4347. CpchqB+o2=pchqBqjC	1.84E+45	-11.1	6538.0
4348. DpchqB+o2=pchqBqjD	1.84E+45	-11.1	6538.0
	1.84E+45	-11.1	6538.0
4349. EpchqB+o2=pchqBqjE			
4350. FpchqB+o2=pchqBqjF	1.84E+45	-11.1	6538.0
4351. GpchqB+o2=pchqBqjG	1.84E+45	-11.1	6538.0
4352. ApchqC+o2=pchqCqjA	4.82E+36	-8.2	5167.0
4353. BpchqC+o2=pchqCqjB	1.84E+45	-11.1	6538.0
4354. DpchqC+o2=pchqCqjD	1.84E+45	-11.1	6538.0
4355. EpchqC+o2=pchqCqjE	1.84E+45	-11.1	6538.0
4356. FpchqC+o2=pchqCqjF	1.84E+45	-11.1	6538.0
4357. GpchqC+o2=pchqCqjG	1.84E+45	-11.1	6538.0
4358. ApchqD+o2=pchqDqjA	4.82E+36	-8.2	5167.0
4359. BpchqD+o2=pchqDqjB	1.84E+45	-11.1	6538.0
4360. CpchqD+o2=pchqDqjC	1.84E+45	-11.1	6538.0
4361. EpchqD+o2=pchqDqjE	1.84E+45	-11.1	6538.0
4362. FpchqD+o2=pchqDqjF	1.84E+45	-11.1	6538.0
	1.84E+45	-11.1	6538.0
4363. GpchqD+o2=pchqDqjG			
4364. ApchqE+o2=pchqEqjA	4.82E+36	-8.2	5167.0
4365. BpchqE+o2=pchqEqjB	1.84E+45	-11.1	6538.0
4366. CpchqE+o2=pchqEqjC	1.84E+45	-11.1	6538.0
4367. DpchqE+o2=pchqEqjD	1.84E+45	-11.1	6538.0
4368. FpchqE+o2=pchqEqjF	1.84E+45	-11.1	6538.0
4369. GpchqE+o2=pchqEqjG	1.84E+45	-11.1	6538.0
4370. HpchqE+o2=pchqEqjH	1.84E+45	-11.1	6538.0
4371. IpchqE+o2=pchqEqjI	1.84E+45	-11.1	6538.0
4372. ApchqF+o2=pchqFqjA	4.82E+36	-8.2	5167.0
	1.84E+45	-11.1	6538.0
4373. BpchqF+o2=pchqFqjB			
4374. CpchqF+o2=pchqFqjC	1.84E+45	-11.1	6538.0
4375. DpchqF+o2=pchqFqjD	1.84E+45	-11.1	6538.0
4376. EpchqF+o2=pchqFqjE	1.84E+45	-11.1	6538.0
4377. GpchqF+o2=pchqFqjG	1.84E+45	-11.1	6538.0
4378. HpchqF+o2=pchqFqjH	1.84E+45	-11.1	6538.0
4379. IpchqF+o2=pchqFqjI	1.84E+45	-11.1	6538.0
4380. ApchqG+o2=pchqGqjA	4.82E+36	-8.2	5167.0
4381. BpchqG+o2=pchqGqjB	1.84E+45	-11.1	6538.0
4382. CpchqG+o2=pchqGqjC	1.84E+45	-11.1	6538.0
	1.84E+45	-11.1	
4383. DpchqG+o2=pchqGqjD			6538.0
4384. EpchqG+o2=pchqGqjE	1.84E+45	-11.1	6538.0
4385. FpchqG+o2=pchqGqjF	1.84E+45	-11.1	6538.0
4386. pchqAqjB=pchoAqB+oh	3.34E+09	1.0	33500.0
4387. pchqAqjC=pchoAqC+oh	5.75E+08	1.0	26000.0
		1.0	23000.0
4388. pchqAqjD=pchoAqD+oh	9.89E+07		
4389. pchqBqjA=pchoBqA+oh	1.67E+09	1.0	30500.0
4390. pchqBqjC=pchoBqC+oh	1.67E+09	1.0	30500.0
4391. pchqBqjD=pchoBqD+oh	2.87E+08	1.0	23000.0
4392. pchqBqjE=pchoBqE+oh	3.06E+07	1.0	20645.3
4393. pchqBqjE=DpchqBqE	1.04E+09	1.0	30145.3
4394. pchqBqjE=FpchqBqE	2.07E+09	1.0	33145.3

4395.	pchqBqjE=GpchqBqE	2.14E+09	1.0	28226.6
4396.	pchqBqjE=HpchqBqE	3.45E+08	1.0	27305.9
4397.	pchqBqjE=IpchqBqE	2.14E+09	1.0	28226.6
4398.	pchqCqjA=pchoCqA+oh	2.87E+08	1.0	23000.0
	pchqCqjB=pchoCqB+oh	1.67E+09	1.0	30500.0
	pchqCqjD=pchoCqD+oh	1.67E+09	1.0	30500.0
	pchqCqjE=pchoCqE+oh	1.78E+08	1.0	23645.3
	pchqCqjF=pchoCqF+oh	1.84E+08	1.0	23226.6
	pchqCqjE=DpchqCqE	1.04E+09	1.0	30145.3
	pchqCqjE=FpchqCqE	2.07E+09	1.0	33145.3
	pchqcqjE-rpchqcqE pchqCqjE=GpchqCqE	2.07E+09 2.14E+09	1.0	28226.6
			1.0	27305.9
	pchqCqjE=HpchqCqE	3.45E+08		
	pchqCqjE=IpchqCqE	2.14E+09	1.0	28226.6
	pchqCqjF=DpchqCqF	1.07E+09	1.0	25226.6
	pchqCqjF=EpchqCqF	2.07E+09	1.0	33145.3
	pchqCqjF=GpchqCqF	2.07E+09	1.0	33145.3
	pchqCqjF=HpchqCqF	2.14E+09	1.0	28226.6
	pchqCqjF=IpchqCqF	3.45E+08	1.0	27305.9
4413.	pchqDqjF=CpchqDqF	3.68E+08	1.0	25226.6
	pchqDqjF=HpchqDqF	2.14E+09	1.0	28226.6
4415.	pchqDqjB=EpchqDqB	1.22E+08	1.0	22645.3
4416.	pchqEqjA=pchoEqA+oh	5.27E+06	1.0	19645.3
4417.	pchqEqjB=pchoEqB+oh	3.06E+07	1.0	20645.3
4418.	pchqEqjC=pchoEqC+oh	1.78E+08	1.0	23645.3
	pchqEqjD=pchoEqD+oh	1.04E+09	1.0	31145.3
	pchqEqjF=pchoEqF+oh	1.04E+09	1.0	31145.3
	pchqEqjI=pchoEqI+oh	1.07E+09	1.0	26226.6
	pchqEqjG=pchoEqG+oh	1.07E+09	1.0	26226.6
	pchqEqjH=pchoEqH+oh	1.73E+08	1.0	25305.9
	pchqEqjG=DpchqEqG	1.71E+08	1.0	24305.9
	pchqEqjG=FpchqEqG	2.07E+09	1.0	33145.3
	pchqEqjG=FpchqEqG	2.07E+09	1.0	33145.3
	pchqEqjG=IpchqEqG	2.14E+09	1.0	28226.6
			1.0	
	pchqEqjH=CpchqEqH	3.68E+08		25226.6
	pchqEqjH=DpchqEqH	1.08E+09	1.0	25226.6
	pchqEqjH=FpchqEqH	2.14E+09	1.0	28226.6
	pchqEqjI=BpchqEqI	6.13E+07	1.0	22645.3
	pchqEqjI=CpchqEqI	3.56E+08	1.0	25645.3
	pchqEqjI=GpchqEqI	2.14E+09	1.0	28226.6
	pchqFqjA=pchoFqA+oh	5.43E+06	1.0	21226.6
	pchqFqjB=pchoFqB+oh	3.16E+07	1.0	22226.6
	pchqFqjC=pchoFqC+oh	1.84E+08	1.0	23226.6
	pchqFqjD=pchoFqD+oh	1.07E+09	1.0	26226.6
4438.	pchqFqjI=pchoFqI+oh	1.71E+08	1.0	25305.9
4439.	pchqFqjH=pchoFqH+oh	1.07E+09	1.0	26226.6
4440.	pchqFqjE=pchoFqE+oh	1.04E+09	1.0	31145.3
4441.	pchqFqjG=pchoFqG+oh	1.04E+09	1.0	31145.3
4442.	pchqFqjD=ApchqDqF	1.48E+08	1.0	25000.0
	pchqFqjD=BpchqDqF	5.75E+08	1.0	25000.0
	pchqFqjD=GpchqDqF	3.43E+08	1.0	27305.9
	pchqFqjD=HpchqDqF	2.14E+09	1.0	28226.6
	pchqFqjH=DpchqFqH	1.07E+09	1.0	25226.6
	pchqFqjH=CpchqFqH	3.68E+08	1.0	25226.6
	pchqFqjH=EpchqFqH	2.07E+09	1.0	33645.3
1110.	Declared duplicate reaction	0/0/		55015.5
1110	pchqFqjH=EpchqFqH	3.43E+08	1.0	27305.9
<b>ユユセフ</b> ・	Declared duplicate reaction	J.#JETUO	⊥.∪	2/303.9
1150	pchqFqjI=BpchqEqH	6 120,07	1.0	22645 2
		6.13E+07 3.56E+08	1.0	22645.3
	pchqFqjI=CpchqEqH			25645.3
	pchqFqjI=GpchqEqH	2.14E+09	1.0	28226.6
4455.	pchqFqjI=IpchqEqH	2.14E+09	1.0	28226.6

4454.	pchqGqjD=pchoGqD+oh	1.71E+08	1.0	25305.9
4455.	pchqGqjE=pchoGqE+oh	1.07E+09	1.0	26226.6
	pchqGqjF=pchoGqF+oh	1.04E+09	1.0	31145.3
	pchqGqjE=BpchqEqG	6.13E+07	1.0	22645.3
	pchqGqjE=CpchqEqG	3.56E+08	1.0	25645.3
4459.	pchqGqjE=IpchqEqG	2.14E+09	1.0	28226.6
	Apche2+ho2=pche2ojA+oh	1.90E+12	0.0	-1200.0
	Apche2+ho2=pche1ojC+oh	1.90E+12	0.0	-1200.0
	Dpche2+ho2=pche2ojD+oh	1.90E+12	0.0	-1200.0
4463.	Dpche2+ho2=pche3ojB+oh	1.90E+12	0.0	-1200.0
4464.	Cpche4+ho2=pche4ojC+oh	1.90E+12	0.0	-1200.0
	Cpche4+ho2=pche3ojE+oh	1.90E+12	0.0	-1200.0
	Dpche5+ho2=pche5ojD+oh	1.90E+12	0.0	-1200.0
	Dpche5+ho2=pche4ojF+oh	1.90E+12	0.0	-1200.0
4468.	Epche6+ho2=pche6ojE+oh	1.90E+12	0.0	-1200.0
4469.	Epche6+ho2=pche5ojG+oh	1.90E+12	0.0	-1200.0
	Fpche7+ho2=pche7ojF+oh	1.90E+12	0.0	-1200.0
	Apche2+ch3o2=pche2ojA+ch3o	1.90E+12	0.0	-1200.0
	<del>-</del>			
	Apche2+ch3o2=pche1ojC+ch3o	1.90E+12	0.0	-1200.0
4473.	Dpche2+ch3o2=pche2ojD+ch3o	1.90E+12	0.0	-1200.0
4474.	Dpche2+ch3o2=pche3ojB+ch3o	1.90E+12	0.0	-1200.0
	Cpche4+ch3o2=pche4ojC+ch3o	1.90E+12	0.0	-1200.0
			0.0	-1200.0
	Cpche4+ch3o2=pche3ojE+ch3o	1.90E+12		
	Dpche5+ch3o2=pche5ojD+ch3o	1.90E+12	0.0	-1200.0
4478.	Dpche5+ch3o2=pche4ojF+ch3o	1.90E+12	0.0	-1200.0
4479.	Epche6+ch3o2=pche6ojE+ch3o	1.90E+12	0.0	-1200.0
	Epche6+ch3o2=pche5ojG+ch3o	1.90E+12	0.0	-1200.0
	Fpche7+ch3o2=pche7ojF+ch3o	1.90E+12	0.0	-1200.0
	Apche2+c2h5o2=pche2ojA+c2h5o	1.90E+12	0.0	-1200.0
4483.	Apche2+c2h5o2=pche1ojC+c2h5o	1.90E+12	0.0	-1200.0
4484.	Dpche2+c2h5o2=pche2ojD+c2h5o	1.90E+12	0.0	-1200.0
	Dpche2+c2h5o2=pche3ojB+c2h5o	1.90E+12	0.0	-1200.0
	Cpche4+c2h5o2=pche4ojC+c2h5o	1.90E+12	0.0	-1200.0
	Cpche4+c2h5o2=pche3ojE+c2h5o	1.90E+12	0.0	-1200.0
4488.	Dpche5+c2h5o2=pche5ojD+c2h5o	1.90E+12	0.0	-1200.0
4489.	Dpche5+c2h5o2=pche4ojF+c2h5o	1.90E+12	0.0	-1200.0
	Epche6+c2h5o2=pche6ojE+c2h5o	1.90E+12	0.0	-1200.0
	Epche6+c2h5o2=pche5ojG+c2h5o	1.90E+12	0.0	-1200.0
	Fpche7+c2h5o2=pche7ojF+c2h5o	1.90E+12	0.0	-1200.0
4493.	Apche2+nc3h7o2=pche2ojA+nc3h7o	1.90E+12	0.0	-1200.0
4494.	Apche2+nc3h7o2=pche1ojC+nc3h7o	1.90E+12	0.0	-1200.0
4495.	Dpche2+nc3h7o2=pche2ojD+nc3h7o	1.90E+12	0.0	-1200.0
4496.		1.90E+12	0.0	-1200.0
	<u>-</u>		0.0	
4497.		1.90E+12		-1200.0
4498.		1.90E+12	0.0	-1200.0
4499.	Dpche5+nc3h7o2=pche5ojD+nc3h7o	1.90E+12	0.0	-1200.0
4500.	Dpche5+nc3h7o2=pche4ojF+nc3h7o	1.90E+12	0.0	-1200.0
4501.		1.90E+12	0.0	-1200.0
4502.		1.90E+12	0.0	-1200.0
	<u>-</u>			
	Fpche7+nc3h7o2=pche7ojF+nc3h7o	1.90E+12	0.0	-1200.0
4504.	Apche2+pchqjA=pche2ojA+pchojA	1.90E+12	0.0	-1200.0
4505.	Apche2+pchqjA=pche1ojC+pchojA	1.90E+12	0.0	-1200.0
4506.		1.90E+12	0.0	-1200.0
	Dpche2+pchqjA=pche3ojB+pchojA	1.90E+12	0.0	-1200.0
			0.0	
4508.		1.90E+12		-1200.0
	Cpche4+pchqjA=pche3ojE+pchojA	1.90E+12	0.0	-1200.0
4510.	Dpche5+pchqjA=pche5ojD+pchojA	1.90E+12	0.0	-1200.0
4511.	Dpche5+pchqjA=pche4ojF+pchojA	1.90E+12	0.0	-1200.0
	Epche6+pchqjA=pche6ojE+pchojA	1.90E+12	0.0	-1200.0
4513.		1.90E+12	0.0	-1200.0
4514.	Fpche7+pchqjA=pche7ojF+pchojA	1.90E+12	0.0	-1200.0

4515. Apche2+pchqjB=pche2ojA+pchojE	1.90E+12	0.0	-1200.0
4516. Apche2+pchqjB=pche1ojC+pchojE	1.90E+12	0.0	-1200.0
4517. Dpche2+pchqjB=pche2ojD+pchojB		0.0	-1200.0
4518. Dpche2+pchqjB=pche3ojB+pchojB		0.0	-1200.0
4519. Cpche4+pchqjB=pche4ojC+pchojI		0.0	-1200.0
4520. Cpche4+pchqjB=pche3ojE+pchojE	1.90E+12	0.0	-1200.0
4521. Dpche5+pchqjB=pche5ojD+pchojB	1.90E+12	0.0	-1200.0
4522. Dpche5+pchqjB=pche4ojF+pchojF		0.0	-1200.0
4523. Epche6+pchqjB=pche6ojE+pchoj		0.0	-1200.0
4524. Epche6+pchqjB=pche5ojG+pchojB	1.90E+12	0.0	-1200.0
4525. Fpche7+pchqjB=pche7ojF+pchojB	1.90E+12	0.0	-1200.0
4526. Apche2+pchqjC=pche2ojA+pchoj(		0.0	-1200.0
		0.0	-1200.0
4528. Dpche2+pchqjC=pche2ojD+pchoj(		0.0	-1200.0
4529. Dpche2+pchqjC=pche3ojB+pchoj(	1.90E+12	0.0	-1200.0
4530. Cpche4+pchqjC=pche4ojC+pchoj(	1.90E+12	0.0	-1200.0
4531. Cpche4+pchqjC=pche3ojE+pchoj		0.0	-1200.0
		0.0	
			-1200.0
4533. Dpche5+pchqjC=pche4ojF+pchoj(		0.0	-1200.0
4534. Epche6+pchqjC=pche6ojE+pchoj(	1.90E+12	0.0	-1200.0
4535. Epche6+pchqjC=pche5ojG+pchoj(	1.90E+12	0.0	-1200.0
4536. Fpche7+pchqjC=pche7ojF+pchoj		0.0	-1200.0
4537. Apche2+pchqjD=pche2ojA+pchojI		0.0	-1200.0
4538. Apche2+pchqjD=pche1ojC+pchojI	1.90E+12	0.0	-1200.0
4539. Dpche2+pchqjD=pche2ojD+pchojI	1.90E+12	0.0	-1200.0
4540. Dpche2+pchqjD=pche3ojB+pchojI		0.0	-1200.0
4541. Cpche4+pchqjD=pche4ojC+pchojI		0.0	-1200.0
4542. Cpche4+pchqjD=pche3ojE+pchojI		0.0	-1200.0
4543. Dpche5+pchqjD=pche5ojD+pchojI	1.90E+12	0.0	-1200.0
4544. Dpche5+pchqjD=pche4ojF+pchojI	1.90E+12	0.0	-1200.0
4545. Epche6+pchqjD=pche6ojE+pchojI		0.0	-1200.0
		0.0	
4546. Epche6+pchqjD=pche5ojG+pchojI			-1200.0
4547. Fpche7+pchqjD=pche7ojF+pchojI		0.0	-1200.0
4548. Apche2+pchqjE=pche2ojA+pchojI	1.90E+12	0.0	-1200.0
4549. Apche2+pchqjE=pche1ojC+pchojI	1.90E+12	0.0	-1200.0
4550. Dpche2+pchqjE=pche2ojD+pchojI		0.0	-1200.0
4551. Dpche2+pchqjE=pche3ojB+pchojI		0.0	-1200.0
4552. Cpche4+pchqjE=pche4ojC+pchojI		0.0	-1200.0
4553. Cpche4+pchqjE=pche3ojE+pchojI	1.90E+12	0.0	-1200.0
4554. Dpche5+pchqjE=pche5ojD+pchojI		0.0	-1200.0
4555. Dpche5+pchqjE=pche4ojF+pchojI		0.0	-1200.0
4556. Epche6+pchqjE=pche6ojE+pchojI		0.0	-1200.0
4557. Epche6+pchqjE=pche5ojG+pchojI		0.0	-1200.0
4558. Fpche7+pchqjE=pche7ojF+pchojI	1.90E+12	0.0	-1200.0
4559. Apche2+pchqjF=pche2ojA+pchojI		0.0	-1200.0
4560. Apche2+pchqjF=pche1ojC+pchojI		0.0	-1200.0
4561. Dpche2+pchqjF=pche2ojD+pchojI		0.0	-1200.0
4562. Dpche2+pchqjF=pche3ojB+pchojI	1.90E+12	0.0	-1200.0
4563. Cpche4+pchqjF=pche4ojC+pchojI	1.90E+12	0.0	-1200.0
4564. Cpche4+pchqjF=pche3ojE+pchojI		0.0	-1200.0
1 1 1 1 1 1			
		0.0	-1200.0
4566. Dpche5+pchqjF=pche4ojF+pchojI		0.0	-1200.0
4567. Epche6+pchqjF=pche6ojE+pchojI	1.90E+12	0.0	-1200.0
4568. Epche6+pchqjF=pche5ojG+pchojI		0.0	-1200.0
4569. Fpche7+pchqjF=pche7ojF+pchojI		0.0	-1200.0
4570. Apche2+pchqjG=pche2ojA+pchoj		0.0	-1200.0
4571. Apche2+pchqjG=pche1ojC+pchoj(		0.0	-1200.0
4572. Dpche2+pchqjG=pche2ojD+pchoj(	1.90E+12	0.0	-1200.0
4573. Dpche2+pchqjG=pche3ojB+pchoj(		0.0	-1200.0
4574. Cpche4+pchqjG=pche4ojC+pchoj		0.0	-1200.0
4575. Cpche4+pchqjG=pche3ojE+pchoj(	1.90E+12	0.0	-1200.0

4576.	Dpche5+pchqjG=pche5ojD+pchojG	1.90E+12	0.0	-1200.0
4577.	Dpche5+pchqjG=pche4ojF+pchojG	1.90E+12	0.0	-1200.0
	Epche6+pchqjG=pche6ojE+pchojG	1.90E+12	0.0	-1200.0
4579.	Epche6+pchqjG=pche5ojG+pchojG	1.90E+12	0.0	-1200.0
	Fpche7+pchqjG=pche7ojF+pchojG	1.90E+12	0.0	-1200.0
	Apche2+o2=pche1e3+ho2	1.20E+12	0.0	38344.0
	Dpche2+o2=pche1e3+ho2	1.20E+12	0.0	38344.0
	Dpche2+o2=pche2e4+ho2	1.20E+12	0.0	38344.0
	Cpche4+o2=pche2e4+ho2	1.20E+12	0.0	38344.0
	Cpche4+o2=pche3e5+ho2	1.20E+12 1.20E+12	0.0	38344.0
	<u>-</u>	1.20E+12 1.20E+12		
	Dpche5+o2=pche3e5+ho2		0.0	38344.0
	Dpche5+o2=pche4e6+ho2	1.20E+12	0.0	38344.0
	Epche6+o2=pche4e6+ho2	1.20E+12	0.0	38344.0
	Epche6+o2=pche5e7+ho2	1.20E+12	0.0	38344.0
	Fpche7+o2=pche5e7+ho2	1.20E+12	0.0	38344.0
	Apche2=>2c2h4+c5h7	2.00E+13	0.0	31230.0
	Dpche2=>2c2h4+c5h7	2.00E+13	0.0	37620.0
	Cpche4=>2c2h4+c5h7	2.00E+13	0.0	40410.0
4594.	Cpche4=ch3+eche1e3	2.00E+13	0.0	32800.0
4595.	Dpche5=c2h5+mche13	2.00E+13	0.0	31700.0
4596.	Dpche5=>2c2h4+c5h7	2.00E+13	0.0	38880.0
4597.	Epche6=>2c2h4+c5h7	2.00E+13	0.0	36210.0
4598.	Epche6=chd13+nc3h7	2.00E+13	0.0	34000.0
	Fpche7=>2c2h4+c5h7	2.00E+13	0.0	36800.0
	Apche2=pche1e3+h	6.00E+12	0.0	41000.0
	Dpche2=pche1e3+h	1.80E+13	0.0	46000.0
	Dpche2=pche2e4+h	1.20E+13	0.0	43000.0
	Cpche4=pche2e4+h	1.20E+13	0.0	41000.0
	Cpche4=pche3e5+h	1.20E+13	0.0	56000.0
	Dpche5=pche3e5+h	1.20E+13	0.0	57000.0
			0.0	
	Dpche5=pche4e6+h	1.20E+13	0.0	45000.0
	Epche6=pche4e6+h	6.00E+12		43000.0
	Epche6=pche5e7+h	1.20E+13	0.0	46000.0
	Fpche7=pche5e7+h	1.20E+13	0.0	46000.0
	pche2ojA=ch2o+Aeche1	7.94E+14	0.0	19000.0
	pchelojC=c2h3+mchoA	7.94E+14	0.0	19000.0
	pchelojC=acrol+cyc6h11	7.94E+14	0.0	19000.0
	pche2ojD=sc3h5+chxone	7.94E+14	0.0	19000.0
	pche2ojD=>sc3h5+2c2h4+ch2co	7.94E+14	0.0	19000.0
	pche3ojB=ch3hco+Amche1	7.94E+14	0.0	19000.0
	pche3ojB=ch3+eche2oA	7.94E+14	0.0	19000.0
	pche4ojC=ethco+cyc6h9	7.94E+14	0.0	19000.0
4618.	pche4ojC=c2h5+mche2oA	7.94E+14	0.0	19000.0
4619.	pche3ojE=>2c2h4+c2h5+propynal	7.94E+14	0.0	19000.0
4620.	pche5ojD=nc3h7+chxe2oA	7.94E+14	0.0	19000.0
4621.	pche4ojF=>nc3h7+c2h4+c3h3hco	7.94E+14	0.0	19000.0
4622.	pche6ojE=>c5h10+c3h4hco	7.94E+14	0.0	19000.0
4623.	pche5ojG=>c2h4+c2h5+vinacrol	7.94E+14	0.0	19000.0
	pche7ojF=>c5h10+c3h4hco	7.94E+14	0.0	19000.0
	pchoAojB+oh=pchoAqB	1.81E+13	0.0	0.0
	pchoAojC+oh=pchoAqC	1.81E+13	0.0	0.0
	pchoAojD+oh=pchoAqD	1.81E+13	0.0	0.0
	pchoBojA+oh=pchoBqA	1.81E+13	0.0	0.0
	pchoBojC+oh=pchoBqC	1.81E+13	0.0	0.0
	pchoBojD+oh=pchoBqD	1.81E+13	0.0	0.0
	pchoBojE+oh=pchoBqE	1.81E+13	0.0	0.0
	pchoCojA+oh=pchoCqA		0.0	
		1.81E+13		0.0
	pchoCojB+oh=pchoCqB	1.81E+13	0.0	0.0
	pchoCojD+oh=pchoCqD	1.81E+13	0.0	0.0
	pchoCojE+oh=pchoCqE	1.81E+13	0.0	0.0
4636.	pchoCojF+oh=pchoCqF	1.81E+13	0.0	0.0

4637.	pchoEojA+oh=pchoEqA	1.81E+13	0.0	0.0
4638.	pchoEojB+oh=pchoEqB	1.81E+13	0.0	0.0
	pchoEojC+oh=pchoEqC	1.81E+13	0.0	0.0
	pchoEojD+oh=pchoEqD	1.81E+13	0.0	0.0
	pchoEojF+oh=pchoEqF	1.81E+13	0.0	0.0
	pchoEojI+oh=pchoEqI	1.81E+13	0.0	0.0
	pchoEojG+oh=pchoEqG	1.81E+13	0.0	0.0
	pchoEojH+oh=pchoEqH	1.81E+13	0.0	0.0
	pchoFojA+oh=pchoFqA	1.81E+13	0.0	0.0
	pchoFojB+oh=pchoFqB	1.81E+13	0.0	0.0
4647.	pchoFojC+oh=pchoFqC	1.81E+13	0.0	0.0
4648.	pchoFojD+oh=pchoFqD	1.81E+13	0.0	0.0
4649.	pchoFojI+oh=pchoFqI	1.81E+13	0.0	0.0
4650.	pchoFojH+oh=pchoFqH	1.81E+13	0.0	0.0
	pchoFojE+oh=pchoFqE	1.81E+13	0.0	0.0
	pchoFojG+oh=pchoFqG	1.81E+13	0.0	0.0
	pchoGojD+oh=pchoGqD	1.81E+13	0.0	0.0
	pchoGojE+oh=pchoGqE	1.81E+13	0.0	0.0
	pchoGojF+oh=pchoGqF	1.81E+13	0.0	0.0
	hco+echoA=pchoAojB	1.32E+04	2.5	6130.0
	ch2hco+mchoA=pchoAojC	1.00E+11	0.0	3496.0
	hcoch2hco+cyc6h11=pchoAojC	2.00E+11	0.0	3496.0
4659.	chxone+ch2ch2hco=pchoAojD	5.00E+10	0.0	3457.0
4660.	ch2o+echoyA=pchoBojA	3.39E+08	0.0	2490.0
4661.	ch3co+mchoA=pchoBojC	1.32E+04	2.5	6130.0
4662.	chxone+ch2coch3=pchoBojD	5.00E+10	0.0	3457.0
4663.	pchoBojE=>Mec8oor	2.00E+13	0.0	8405.0
4664.	Fc9oAoH=pchoBojE	1.00E+08	0.9	5900.0
	ch3co+c7e6oA=Fc9oAoH	2.00E+11	0.0	2010.0
4666.	c5e4oB+c3h6cho-1=Fc9oAoH	1.32E+04	2.5	6130.0
	MeEc8eloIqG+oh=GpchqBqE	4.76E+07	1.5	34700.0
	MeEc8eloIojG+oh=MeEc8eloIqG	1.81E+13	0.0	0.0
	ch3hco+MeEc6eloGrF=MeEc8eloIojG	5.00E+10	0.0	3457.0
	acrol+Dc4h7-1=MeEc6eloGrF	1.32E+04	2.5	6130.0
	Ac7oBoG=ch2co+c2h4+ch2ch2hco	2.00E+13	0.0	34130.0
	Ac7oBoG+o2=c7oBoGqjA	4.82E+36	-8.2	5167.0
	c7oBoGqjA=Cc7oBoGqA	5.75E+08	1.0	
	<del></del>		1.0	22000.0 22000.0
	c7oBoGqjA=Dc7oBoGqA	9.89E+07		
	Cc7oBoGqA+o2=c7oBoGqAqjC	1.84E+45	-11.1	6538.0
	Dc7oBoGqA+o2=c7oBoGqAqjD	1.84E+45	-11.1	6538.0
	c7oBoGqAqjC=oh+c7oAoBoGqC	5.75E+08	1.0	23000.0
	c7oBoGqAqjD=oh+c7oAoBoGqD	9.89E+07	1.0	20000.0
	c7oAoBoGqC=oh+choco+c5oAoE	1.00E+16	0.0	43000.0
4680.	c7oAoBoGqD=oh+ch2co+hco+choch2ch2cho	1.00E+16	0.0	43000.0
4681.	Fc9e1qEqH=HpchqBqE	1.00E+08	0.9	5900.0
4682.	ho2+c9e1e5qH=Fc9e1qEqH	1.00E+11	0.0	7600.0
4683.	Fc9e1qEqH=oh+ch3hco+c7e1e6qC	5.00E+13	0.0	25500.0
	c9ele5ojH+oh=c9ele5qH	1.81E+13	0.0	0.0
	ch3hco+Cc7h11-16=c9e1e5ojH	5.00E+10	0.0	3457.0
	ac3h5+c4h6=Cc7h11-16	8.80E+03	2.5	6130.0
	c7ele6ojC+oh=c7ele6qC	1.81E+13	0.0	0.0
	Dc4h7-1+acrol=c7ele6ojC	5.00E+10	0.0	3457.0
	c9e5oAqH+oh=IpchqBqE	4.76E+07	1.5	
				34700.0
	c9e5oAojH+oh=c9e5oAqH	1.81E+13	0.0	0.0
	ch3hco+Ec7e6oA=c9e5oAojH	5.00E+10	0.0	3457.0
	c4h6+ch2ch2hco=Ec7e6oA	1.32E+04	2.5	6130.0
	pche4qB+ho2=DpchqBqE	8.00E+10	0.0	6000.0
	pche4ojB+oh=pche4qB	1.81E+13	0.0	0.0
	ch3hco+Cmche1=pche4ojB	5.00E+10	0.0	3457.0
	DpchqBqE=oh+mche1qC+ch3hco	5.00E+13	0.0	25500.0
4697.	mchelojC+oh=mchelqC	1.81E+13	0.0	0.0

4698.	c2h4+ch2ccho=MeBc4e1oErD	2.00E+11	0.0	2010.0
4699.	ac3h4+c3h6cho-1=mchelojC	2.00E+11	0.0	11300.0
	c2h4+MeBc4e1oErD=mche1ojC	1.32E+04	2.5	6130.0
	ch2ccho+o2=ch2co+oh+co	2.51E+10	0.0	0.0
	ch2ccho=c2h3co	2.50E+12	0.0	47000.0
	ch2ccho+o2=ch2o+choco	5.01E+12	0.0	19000.0
4704.	ch2ccho+o=ch2co+hco	1.81E+14	0.0	0.0
4705.	ch2ccho+ho2=oh+ch2co+hco	2.00E+13	0.0	0.0
	acrol+oh=ch2ccho+h2o	1.11E+06	2.0	1450.0
	acrol+ho2=ch2ccho+h2o2	3.00E+09	0.0	9930.0
	pche5qB+ho2=FpchqBqE	8.00E+10	0.0	6000.0
	pche5ojB+oh=pche5qB	1.81E+13	0.0	0.0
4710.	ch3hco+Amche3=pche5ojB	5.00E+10	0.0	3457.0
4711.	Gc7e1e3=Amche3	1.00E+08	0.9	5900.0
4712.	c2h4+c5h7=Gc7e1e3	8.80E+03	2.5	6130.0
	Fc9e1qAqH=FpchqBqE	1.00E+08	0.9	5900.0
	Fc9elqAqH=oh+c7ele6qA+ch3hco	5.00E+13	0.0	25500.0
	Bc7e6oA+oh=c7e1e6qA	1.81E+13	0.0	0.0
	Dc4h7-1+acrol=Bc7e6oA	1.32E+04	2.5	6130.0
4717.	ch2o+AechoB=pchoCojA	5.00E+10	0.0	3457.0
4718.	ch3hco+chxco=pchoCojB	1.32E+04	2.5	6130.0
	chxone+c2h5co=pchoCojD	1.32E+04	2.5	6130.0
	Fc9oAoG=pchoCojE		0.9	5900.0
	c3h6cho-1+c2h5coc2h3=Fc9oAoG			
			2.5	6130.0
	pchoCojE=>Mec8oor		0.0	7154.0
4723.	c2h5+c7e1oAoG=Fc9oAoG	1.32E+04	2.5	6130.0
4724.	c7eloAoG+oh=c7eloAoyG+h2o	4.20E+12	0.0	500.0
4725.	c7eloAoG+h=c7eloAoyG+h2	4.00E+13	0.0	4200.0
	c7eloAoG+ho2=c7eloAoyG+h2o2	1.00E+12	0.0	10000.0
	c7eloAoyG=co+Fc6eloA	2.00E+13	0.0	28700.0
	c7eloAoyG+ho2=oh+co2+Fc6eloA	2.00E+13	0.0	0.0
	c2h4+Dc4e1oA=Fc6e1oA	1.32E+04	2.5	6130.0
4730.	c2h4+hcco=Dc4e1oA	1.32E+04	2.5	6130.0
4731.	pchoCojF=>Mec8oor	2.00E+13	0.0	7511.0
4732.	oh+MeEc8eloIqF=GpchqCqE	4.76E+07	1.5	34700.0
	oh+MeEc8eloIojF=MeEc8eloIqF	1.81E+13	0.0	0.0
	ethco+Bc6e5oA=MeEc8e1oIojF	1.00E+11	0.0	11900.0
	acrol+ac3h5=Bc6e5oA	8.50E+10	0.0	11300.0
	IpchqCqE=oh+chxelqC+ethco	5.00E+13	0.0	25500.0
	oh+chxelojC=chxelqC	1.81E+13	0.0	0.0
4738.	Fc6e2oA=chxe1ojC	1.00E+08	0.9	5900.0
4739.	Fc6e5oA=chxelojC	1.00E+08	0.9	5900.0
4740.	c2h4+c3h4hco=Fc6e2oA	8.80E+03	2.5	6130.0
	c3h4hco+ho2=oh+acrol+hco	1.00E+13	0.0	0.0
	c3h4hco+ho2=oh+ch2o+chchhco		0.0	0.0
		1.00E+13		
	c3h4hco+o2=ch2hco+chocho	1.23E+36	-7.2	33600.0
	chchhco=c2h3co	1.40E+09	1.0	32100.0
4745.	c2h2+hco=chchhco	7.77E+06	1.4	7755.0
4746.	chchhco+o2=chocho+hco	5.42E+12	0.0	0.0
4747.	oh+c9e5oAqG=IpchqCqE	4.76E+07	1.5	34700.0
	oh+c9e5oAojG=c9e5oAgG	1.81E+13	0.0	0.0
	ethco+Fc6e5oA=c9e5oAojG	3.39E+08	0.0	2490.0
	<del>-</del>			
	c2h5+c7e2oAoG=c9e5oAojG	5.00E+10	0.0	3457.0
	c7e2oAoG+oh=c7e2oAoyG+h2o	4.20E+12	0.0	500.0
	c7e2oAoG+h=c7e2oAoyG+h2	4.00E+13	0.0	4200.0
4753.	c7e2oAoG+ho2=c7e2oAoyG+h2o2	1.00E+12	0.0	10000.0
	c7e2oAoyG=co+Fc6e2oA	2.00E+13	0.0	28700.0
	c7e2oAoyG+ho2=>oh+co2+Fc6e2oA	2.00E+13	0.0	0.0
	c7e2oAoG+oh=c7e2oyAoG+h2o	4.20E+12	0.0	500.0
	c7e2oAoG+h=c7e2oyAoG+h2	4.00E+13	0.0	4200.0
4/58.	c7e2oAoG+ho2=c7e2oyAoG+h2o2	1.00E+12	0.0	10000.0

4759.	c7e2oyAoG=co+Fc6e5oA	3.04E+14	-0.5	30510.0
4760.	c7e2oyAoG+ho2=>oh+co2+Fc6e5oA	2.00E+13	0.0	0.0
4761.	Fc9e1qEqG=HpchqCqE	1.00E+08	0.9	5900.0
	ho2+c9e1e6qE=Fc9e1qEqG	8.00E+10	0.0	6000.0
	ho2+c9e1e5qG=Fc9e1qEqG	8.00E+10	0.0	6000.0
	oh+c9ele6ojE=c9ele6qE	1.81E+13	0.0	0.0
	oh+c9ele5ojG=c9ele5qG	1.81E+13	0.0	0.0
	c2h5+c7e2e6oA=c9e1e5ojG	5.00E+10	0.0	3457.0
4767.	ethco+Ac6h9-15=c9e1e5ojG	1.00E+10	0.0	20000.0
4768.	Dc4h7-1+c5e2oA=c9e1e6ojE	5.00E+10	0.0	3457.0
	Ac4h7-1+c4h7hco-1=c9e1e6ojE	1.00E+10	0.0	20000.0
	EtDc7e1qEqHrI=HpchqCqE	1.00E+08	0.9	5900.0
	EtDc7e1e8qE+ho2=EtDc7e1qEqHrI	8.00E+10	0.0	6000.0
	EtDc7e1e8ojE+oh=EtDc7e1e8qE	1.81E+13	0.0	0.0
	ethco+c6h9=EtDc7e1e8ojE	5.00E+10	0.0	9600.0
	c7e2e6oA+oh=c7e2e6oyA+h2o	4.20E+12	0.0	500.0
4775.	c7e2e6oA+h=c7e2e6oyA+h2	4.00E+13	0.0	4200.0
4776.	c7e2e6oA+ho2=c7e2e6oyA+h2o2	1.00E+12	0.0	10000.0
	c7e2e6oyA=co+Ac6h9-15	3.04E+14	-0.5	30510.0
	c5e2oA+oh=c5e2oyA+h2o	4.20E+12	0.0	500.0
	c5e2oA+h=c5e2oyA+h2	4.00E+13	0.0	4200.0
	c5e2oA+ho2=c5e2oyA+h2o2	1.00E+12	0.0	10000.0
	c5e2oyA=co+Ac4h7-1	3.04E+14	-0.5	30510.0
4782.	ho2+pche3qF=DpchqCqF	8.00E+10	0.0	6000.0
4783.	oh+pche3ojF=pche3qF	1.81E+13	0.0	0.0
4784.	MeEc8e5oArI=pche3ojF	1.00E+08	0.9	5900.0
	ch3+MeEc7e6e8oA=MeEc8e5oArI	1.32E+04	2.5	6130.0
	EtDc7e4oIrA=pche3ojF	1.00E+08	0.9	5900.0
	c2h4+MeCc6e3oArG=EtDc7e4oIrA	8.50E+10	0.0	11300.0
	ch3+MeCc5e4e5oA=MeCc6e3oArG	1.32E+04	2.5	6130.0
	oh+MeEc8e8oAqF=DpchqCqF	4.76E+07	1.5	34700.0
	oh+MeEc8e8oAojF=MeEc8e8oAqF	1.81E+13	0.0	0.0
4791.	ethco+Ec6e5oA=MeEc8e8oAojF	3.39E+08	0.0	2490.0
4792.	c2h5+MeBc6e7oAoF=MeEc8e8oAojF	5.00E+10	0.0	3457.0
4793.	ac3h4+ch2ch2hco=Ec6e5oA	2.00E+11	0.0	11300.0
	MeEc7e6e8oA+oh=h2o+MeEc7e6e8oyA	4.20E+12	0.0	500.0
	MeEc7e6e8oA+h=h2+MeEc7e6e8oyA	4.00E+13	0.0	4200.0
	MeEc7e6e8oA+ho2=h2o2+MeEc7e6e8oyA	1.00E+13	0.0	10000.0
	MeEc7e6e8oyA=co+MeCc6e1e7rF	2.00E+13	0.0	28700.0
	c2h4+isopy=MeCc6ele7rF	8.50E+10	0.0	11300.0
	MeCc5e4e5oA+oh=h2o+MeCc5e4e5oyA	4.20E+12	0.0	500.0
4800.	MeCc5e4e5oA+h=h2+MeCc5e4e5oyA	4.00E+13	0.0	4200.0
4801.	MeCc5e4e5oA+ho2=h2o2+MeCc5e4e5oyA	1.00E+12	0.0	10000.0
4802.	MeCc5e4e5oyA=co+isopy	2.00E+13	0.0	28700.0
	MeBc6e7oAoF+oh=h2o+MeBc6e7oyAoF	4.20E+12	0.0	500.0
	MeBc6e7oAoF+h=h2+MeBc6e7oyAoF	4.00E+13	0.0	4200.0
	MeBc6e7oAoF+ho2=h2o2+MeBc6e7oyAoF	1.00E+12	0.0	10000.0
	MeBc6e7oyAoF=co+Ec6e5oA	3.04E+14	-0.5	30510.0
	MeBc6e7oAoF+oh=h2o+MeBc6e7oAoyF	4.20E+12	0.0	500.0
	MeBc6e7oAoF+h=h2+MeBc6e7oAoyF	4.00E+13	0.0	4200.0
4809.	MeBc6e7oAoF+ho2=h2o2+MeBc6e7oAoyF	1.00E+12	0.0	10000.0
4810.	MeBc6e7oAoyF=co+MeBc5e6oArE	2.00E+13	0.0	28700.0
4811.	c2h4+ic3h4hco=MeBc5e6oArE	8.50E+10	0.0	11300.0
4812.	ac3h4+hco=ic3h4hco	1.76E+04	2.5	6130.0
	oh+EtDc7e1oIqE=HpchqCqF	4.76E+07	1.5	34700.0
	oh+EtDc7eloIojE=EtDc7eloIqE	1.81E+13	0.0	0.0
	ethco+Cc6e5oA=EtDc7eloIojE	1.00E+11	0.0	11900.0
	c2h5+MeCc6e5oAoG=EtDc7e1oIojE	3.33E+10	0.0	6397.0
	c2h3+ac3h5hco=Cc6e5oA	2.00E+11	0.0	2010.0
	hco+c5h8-14=Cc6e5oA	1.32E+04	2.5	6130.0
4819.	MeCc6e5oAoG+oh=h2o+MeCc6e5oyAoG	4.20E+12	0.0	500.0

4820.	MeCc6e5oAoG+h=h2+MeCc6e5oyAoG	4.00E+13	0.0	4200.0
4821.	MeCc6e5oAoG+ho2=h2o2+MeCc6e5oyAoG	1.00E+12	0.0	10000.0
	MeCc6e5oyAoG=co+MeBc5e4oArF	2.00E+13	0.0	28700.0
			0.0	
	acrol+ac3h5=MeBc5e4oArF	1.00E+11		11900.0
4824.	MeCc6e5oAoG+oh=h2o+MeCc6e5oAoyG	4.20E+12	0.0	500.0
4825.	MeCc6e5oAoG+h=h2+MeCc6e5oAoyG	4.00E+13	0.0	4200.0
4826.	MeCc6e5oAoG+ho2=h2o2+MeCc6e5oAoyG	1.00E+12	0.0	10000.0
	MeCc6e5oAoyG=co+Cc6e5oA	2.00E+13	0.0	28700.0
	ch2o+AechoD=pchoEojA	5.00E+10	0.0	3457.0
4829.	ch3hco+AmchoC=pchoEojB	3.33E+10	0.0	6397.0
4830.	ethco+Bchxone=pchoEojC	5.00E+10	0.0	9043.0
	c2h5+mchoAoC=pchoEojC	3.33E+10	0.0	6397.0
	c2h4+Bchxone=AechoD	1.32E+04	2.5	6130.0
	c9oyAoF=pchoEojD	1.00E+08	0.9	5900.0
	MeEc8oAoyI=pchoEojF	1.00E+08	0.9	5900.0
4835.	EtDc7oAoHrI=pchoEojG	1.00E+08	0.9	5900.0
	ch2co+Dc7oA=EtDc7oAoHrI	1.76E+04	2.5	6130.0
	c5h10+ch2hco=Dc7oA	8.80E+03	2.5	6130.0
	c2h5+c4h7hco-1=Dc7oA	8.80E+03	2.5	6130.0
4839.	EtDc7oAoCrI=pchoEojG	1.00E+08	0.9	5900.0
4840.	c2h4+Dc7oAoC=EtDc7oAoCrI	1.32E+04	2.5	6130.0
4841	c2h5+c5e4oAoC=Dc7oAoC	8.80E+03	2.5	6130.0
	c3h7chco+ch2hco=Dc7oAoC		2.5	6130.0
	c5e4oAoC+oh=h2o+c5e4oyAoC	4.20E+12	0.0	500.0
4844.	c5e4oAoC+h=h2+c5e4oyAoC	4.00E+13	0.0	4200.0
4845.	c5e4oAoC+ho2=h2o2+c5e4oyAoC	1.00E+12	0.0	10000.0
4846.	c5e4oyAoC=co+ch2coc2h3	2.00E+13	0.0	28700.0
	c5e4oyAoC+ho2=>ch2coc2h3+co2+oh	2.00E+13	0.0	0.0
	pchoEojH=>Mec8oor	2.00E+13	0.0	7511.0
4849.	EtDc7oCoIrA=pchoEojH	1.00E+08	0.9	5900.0
4850.	c2h4+c6alCco=EtDc7oCoIrA	2.11E+11	0.0	7350.0
4851.	c6alCco=Cc6oA+co	2.00E+13	0.0	28700.0
	c6alCco+ho2=>Cc6oA+co2+oh	2.00E+13	0.0	0.0
	Fc9oAoE=pchoEojI	1.00E+08	0.9	5900.0
4854.	pchoEojI=>Mec8oor	2.00E+13	0.0	7810.0
4855.	c2h5+c7e6oAoE=Fc9oAoE	1.50E+11	0.0	7200.0
4856.	c7e6oAoE+oh=c7e6oyAoE+h2o	4.20E+12	0.0	500.0
	c7e6oAoE+h=c7e6oyAoE+h2	4.00E+13	0.0	4200.0
	c7e6oAoE+ho2=c7e6oyAoE+h2o2	1.00E+12	0.0	10000.0
	c7e6oyAoE=Fc6e1oC+co	2.00E+13	0.0	28700.0
4860.	c7e6oyAoE+ho2=>Fc6e1oC+co2+oh	2.00E+13	0.0	0.0
4861.	c2h4+ch2coc2h3=Fc6e1oC	2.64E+04	2.5	6130.0
	c3h6+AchxqBqD=BpchqEqG	8.80E+03	2.5	6130.0
	ho2+chxe1qD=AchxqBqD	8.00E+10	0.0	6000.0
	chxelojD+oh=chxelqD	1.81E+13	0.0	0.0
4865.	c4h6+ch2hco=chxelojD	1.32E+04	2.5	6130.0
4866.	c2h4+ac3h4hco1=chxe1ojD	2.00E+11	0.0	2010.0
4867.	c2h2+ch2hco=ac3h4hco1	7.77E+06	1.4	7755.0
	oh+c9e6oAqC=CpchqEqG	4.76E+07	1.5	34700.0
	oh+c9e6oAojC=c9e6oAqC	1.81E+13	0.0	0.0
	hcoch2hco+Ac6h11-3=c9e6oAojC	3.33E+10	0.0	6397.0
4871.	ch2hco+c7e4oA=c9e6oAojC	3.33E+10	0.0	6397.0
4872.	c7e4oA+oh=c7e4oyA+h2o	4.20E+12	0.0	500.0
	c7e4oA+h=c7e4oyA+h2	4.00E+13	0.0	4200.0
	c7e4oA+ho2=c7e4oyA+h2o2	1.00E+12	0.0	10000.0
	c7e4oyA=Ac6h11-3+co	2.80E+13	0.0	28700.0
4876.	c7e4oyA+ho2=>Ac6h11-3+co2+oh	2.00E+13	0.0	0.0
4877.	oh+EtDc7e9oAqC=IpchqEqG	4.76E+07	1.5	34700.0
	oh+c9e5oAqC=IpchqEqG	4.76E+07	1.5	34700.0
	oh+EtDc7e9oAojC=EtDc7e9oAqC	1.81E+13	0.0	0.0
4080.	oh+c9e5oAojC=c9e5oAqC	1.81E+13	0.0	0.0

4881.	hcoch2hco+Cc6h11-1=EtDc7e9oAojC	6.66E+10	0.0	6397.0
4882.	ch2hco+MeCc6e1oG=EtDc7e9oAojC	3.33E+10	0.0	6397.0
4883.	hcoch2hco+Cc6h11-1=c9e5oAojC	6.66E+10	0.0	6397.0
4884.	ch2hco+c7e3oA=c9e5oAojC	3.33E+10	0.0	6397.0
4885.	MeCc6eloG+oh=h2o+MeCc6eloyG	4.20E+12	0.0	500.0
	MeCc6eloG+h=h2+MeCc6eloyG	4.00E+13	0.0	4200.0
	MeCc6eloG+ho2=h2o2+MeCc6eloyG	1.00E+12	0.0	10000.0
	MeCc6eloyG=co+Cc6h11-1	2.00E+13	0.0	28700.0
	c7e3oA+oh=h2o+c7e3oyA	4.20E+12	0.0	500.0
	c7e3oA+h=h2+c7e3oyA	4.00E+13	0.0	4200.0
	<del>-</del>			
	c7e3oA+ho2=h2o2+c7e3oyA	1.00E+12	0.0	10000.0
	c7e3oyA=co+Cc6h11-1	2.00E+13	0.0	28700.0
	c3h6+BchxqAqD=BpchqEqH	8.80E+03	2.5	6130.0
	chxe1qD+ho2=BchxqAqD	8.00E+10	0.0	6000.0
	oh+c9e6oAqD=CpchqEqH	4.76E+07	1.5	34700.0
	oh+c9e6oAojD=c9e6oAqD	1.81E+13	0.0	0.0
	choch2ch2cho+Cc5h9-1=c9e6oAojD	5.00E+10	0.0	9600.0
4898.	ch2ch2hco+c6e3oA=c9e6oAojD	3.33E+10	0.0	6397.0
4899.	ho2+pche4qH=DpchqEqH	8.00E+10	0.0	6000.0
4900.	oh+pche4ojH=pche4qH	1.81E+13	0.0	0.0
4901.	MeEc8e9oArD=pche4ojH	1.00E+08	0.9	5900.0
	ch2hco+p2c4h513=MeEc8e9oArD	1.32E+04	2.5	6130.0
	ho2+pche5qH=FpchqEqH	8.00E+10	0.0	6000.0
	ho2+pche6qI=GpchqEqH	8.00E+10	0.0	6000.0
	oh+pche6ojI=pche6qI	1.81E+13	0.0	0.0
	c4h6+Bc5oA=pche6ojI	2.64E+04	2.5	6130.0
	ho2+pche5qI=IpchqEqH	8.00E+10	0.0	6000.0
	oh+pche5ojI=pche5qI	1.81E+13	0.0	
				0.0
	Fc9e4oA=pche5ojI	1.00E+08	0.9	5900.0
	ch2ch2hco+c6h10-13=Fc9e4oA	1.32E+04	2.5	6130.0
	c7e4e6oA+c2h5=Fc9e4oA	1.32E+04	2.5	6130.0
	c7e4e6oA+oh=h2o+c7e4e6oyA	4.20E+12	0.0	500.0
	c7e4e6oA+h=h2+c7e4e6oyA	4.00E+13	0.0	4200.0
	c7e4e6oA+ho2=h2o2+c7e4e6oyA	1.00E+12	0.0	10000.0
4915.	c7e4e6oyA=co+Fc6h9-13	2.00E+13	0.0	28700.0
4916.	c3h6+BchxqAqC=BpchqEqI	8.80E+03	2.5	6130.0
4917.	ho2+chxe1qC=BchxqAqC	8.00E+10	0.0	6000.0
4918.	oh+c9e6oAqE=CpchqEqI	4.76E+07	1.5	34700.0
4919.	oh+c9e6oAojE=c9e6oAqE	1.81E+13	0.0	0.0
4920.	c3h6cho-1+c5e2oA=c9e6oAojE	3.33E+10	0.0	6397.0
	oh+MeEc8eloIqD=GpchqEqI	4.76E+07	1.5	34700.0
	oh+MeEc8eloIojD=MeEc8eloIqD	1.81E+13	0.0	0.0
	ac3h5hco+Bc5oA=MeEc8e1oIojD	5.00E+10	0.0	9600.0
	ch2o+AechoE=pchoFojA	5.00E+10	0.0	3457.0
	Cchxone+c2h4=AechoE	1.32E+04	2.5	6130.0
	ch3hco+AmchoD=pchoFojB	3.33E+10	0.0	6397.0
	ethco+Cchxone=pchoFojC	3.33E+10	0.0	6397.0
	c2h5+mchoAoD=pchoFojC	3.33E+10 3.33E+10	0.0	6397.0
	mchoAoD+oh=h2o+mchoyAoD	4.20E+12	0.0	500.0
	mchoAoD+h=h2+mchoyAoD	4.00E+13	0.0	4200.0
	mchoAoD+ho2=h2o2+mchoyAoD	1.00E+12	0.0	10000.0
	mchoyAoD=co+Cchxone	2.00E+13	0.0	28700.0
	mchoyAoD+ho2=>oh+co2+Cchxone	2.00E+13	0.0	0.0
	nc3h7+chxoAoC=pchoFojD	2.50E+10	0.0	10090.0
	Ac9oDoF=pchoFojD	1.00E+08	0.9	5900.0
	Ac7oBoD+c2h4=Ac9oDoF	1.32E+04	2.5	6130.0
	ch2co+nc3h7coch2=Ac7oBoD	1.76E+04	2.5	6130.0
4938.	chxoAoC+oh=BchxoAoC+h2o	7.80E+06	2.0	-765.0
4939.	chxoAoC+h=BchxoAoC+h2	2.70E+07	2.0	5000.0
4940.	chxoAoC+ho2=BchxoAoC+h2o2	1.20E+12	0.0	15500.0
4941.	chxoAoC+oh=DchxoAoC+h2o	1.56E+07	2.0	-765.0

4942.	chxoAoC+h=DchxoAoC+h2	5.40E+07	2.0	5000.0
4943.	chxoAoC+ho2=DchxoAoC+h2o2	2.40E+12	0.0	15500.0
4944.	BchxoAoC+o=c6oAoCoyF	2.00E+14	0.0	0.0
4945.	BchxoAoC+ho2=oh+c6oAoCoyF	1.00E+13	0.0	0.0
4946.	BchxoAoC+o2=co2+Ec5oAoB	1.23E+36	-7.2	33600.0
4947.	c6oAoCoyF=co+Ec5oAoB	2.00E+13	0.0	28700.0
4948.	c2h4+ch2cohco=Ec5oAoB	1.32E+04	2.5	6130.0
4949.	Fc6eloCoE=DchxoAoC	1.00E+08	0.9	5900.0
4950.	ch2co+ch2coc2h3=Fc6e1oCoE	1.76E+04	2.5	6130.0
4951.	MeEc8oyAoI=pchoFojE	1.00E+08	0.9	5900.0
	EtDc7oAoyI=pchoFojG	1.00E+08	0.9	5900.0
	pchoFojH=>Mec8oor	2.00E+13	0.0	9180.0
	EtDc7oBoIrA=pchoFojH	1.00E+08	0.9	5900.0
	c6e5oAoC+oh=c6e5oyAoC+h2o	2.30E+10	0.7	-1100.0
	c6e5oAoC+h=c6e5oyAoC+h2	4.10E+09	1.2	2405.0
	c6e5oAoC+ho2=c6e5oyAoC+h2o2	3.00E+12	0.0	12000.0
	c6e5oAoC+ch3=c6e5oyAoC+ch4	7.60E+00	3.4	3740.0
	c6e5oAoC+o2=c6e5oyAoC+ho2	3.00E+13	0.0	39200.0
			-0.7	
	c6e5oyAoC=Ac5e4oB+co	1.83E+15		12910.0
	c6e5oyAoC+ho2=>Ac5e4oB+co2+oh	2.00E+13	0.0	0.0
	MeBc5oAoF+oh=>h2o+MeBc5oyAoF	4.20E+12	0.0	500.0
	MeBc5oAoF+h=>h2+MeBc5oyAoF	4.00E+13	0.0	4200.0
	MeBc5oAoF+ho2=>h2o2+MeBc5oyAoF	1.00E+12	0.0	10000.0
	MeBc5oyAoF=>co+acrol+c2h5	2.00E+13	0.0	28700.0
	MeBc5oyAoF+ho2=>oh+co2+acrol+c2h5	2.00E+13	0.0	0.0
	EtDc7oBoIrA=ch2co+ac3h5hco+nc3h7	2.00E+13	0.0	30400.0
	EtDc7oBoIrA=ch2co+c5h10+ch2hco	2.00E+13	0.0	30400.0
	Fc9oAoD=pchoFojI	1.00E+08	0.9	5900.0
4970.	c5h10+choch2ch2co=Fc9oAoD	1.00E+11	0.0	9800.0
4971.	c2h5+c7e6oAoD=Fc9oAoD	1.50E+11	0.0	7200.0
4972.	c7e6oAoD+oh=c7e6oyAoD+h2o	2.30E+10	0.7	-1100.0
4973.	c7e6oAoD+h=c7e6oyAoD+h2	4.10E+09	1.2	2405.0
4974.	c7e6oAoD+ho2=c7e6oyAoD+h2o2	3.00E+12	0.0	12000.0
4975.	c7e6oAoD+ch3=c7e6oyAoD+ch4	7.60E+00	3.4	3740.0
4976.	c7e6oAoD+o2=c7e6oyAoD+ho2	3.00E+13	0.0	39200.0
4977.	c7e6oyAoD=Ac6e5oC+co	1.83E+15	-0.7	12910.0
4978.	c7e6oyAoD+ho2=>Ac6e5oC+co2+oh	2.00E+13	0.0	0.0
	BpchqDqF=oh+c3h6+chxoAqC	5.00E+13	0.0	25500.0
	c2h4+AmchqBqD=ApchqDqF	1.32E+04	2.5	6130.0
	ho2+mche1qD=AmchqBqD	8.00E+10	0.0	6000.0
	oh+mchelojD=mchelqD	1.81E+13	0.0	0.0
	MeEc6e5oArG=mchelojD	1.00E+08	0.9	5900.0
	MeCc6e7oArF=mchelojD	1.00E+08	0.9	5900.0
	ac3h4+c3h6cho-1=MeEc6e5oArG	1.76E+04	2.5	6130.0
	c2h4+MeCc4e3oArE=MeCc6e7oArF	8.50E+10	0.0	11300.0
	ch2hco+ac3h4=MeCc4e3oArE	1.76E+04	2.5	6130.0
	ho2+pche6qD=GpchqDqF	8.00E+10	0.0	6000.0
	oh+pche6ojD=pche6qD	1.81E+13	0.0	0.0
	chxe3oA+nc3h7=pche6ojD	2.50E+10	0.0	10090.0
	Ac9e2oF=pche6ojD	1.00E+08	0.9	5900.0
	Ac9e3oF=pche6ojD	1.00E+08	0.9	5900.0
	c4h6+nc3h7coch2=Ac9e2oF		2.5	
	c2h4+Ac7eloD=Ac9e3oF	2.64E+04		6130.0
	c2h2+nc3h7coch2=Ac7e1oD	2.00E+11	0.0	2010.0
		7.77E+06	1.4	7755.0
	oh+c9eloFqD=HpchqDqF	4.76E+07	1.5	34700.0
	oh+c9eloFojD=c9eloFqD	1.81E+13	0.0	0.0
	ac3h5hco+nc3h7coch2=c9e1oFojD	3.33E+10	0.0	6397.0
	ac3h5+c6oAoC=c9e1oFojD	5.00E+10	0.0	9600.0
	mchelqDqF+c2h5=DpchqFqH	1.32E+04	2.5	6130.0
	oh+MeEc8e9oAqC=DpchqFqH	4.76E+07	1.5	34700.0
5002.	oh+mche1qDojF=mche1qDqF	1.81E+13	0.0	0.0

5003.	MeEc6e5oAqCrG=mche1qDojF	1.00E+08	0.9	5900.0
	MeCc6e7oAqErF=mche1qDojF	1.00E+08	0.9	5900.0
	ac3h4+Dc4oAqC=MeEc6e5oAqCrG	1.76E+04	2.5	6130.0
5006.	ho2+ac3h5hco=Dc4oAqC	8.00E+10	0.0	6000.0
5007.	ho2+MeCc6e5e7oA=MeCc6e7oAqErF	8.00E+10	0.0	6000.0
	MeCc6e5e7oA+oh=MeCc6e5e7oyA+h2o	4.20E+12	0.0	500.0
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5009.	MeCc6e5e7oA+h=MeCc6e5e7oyA+h2	4.00E+13	0.0	4200.0
5010.	MeCc6e5e7oA+ho2=MeCc6e5e7oyA+h2o2	1.00E+12	0.0	10000.0
	MeCc6e5e7oyA=co+MeBc5e1e4rF	2.00E+13	0.0	28700.0
	MeCc6e5e7oyA+ho2=oh+co2+MeBc5e1e4rF	2.00E+13	0.0	0.0
	ac3h4+ac3h5=MeBc5e1e4rF	8.80E+03	2.5	6130.0
5014.	oh+MeEc8e9oAojC=MeEc8e9oAqC	1.81E+13	0.0	0.0
5015.	hcoch2hco+MeBc5e1rF=MeEc8e9oAojC	3.33E+10	0.0	6397.0
	ch2hco+MeCc6e7oA=MeEc8e9oAojC	3.33E+10	0.0	6397.0
			0.0	
	MeCc6e7oA+oh=MeCc6e7oyA+h2o	4.20E+12		500.0
	MeCc6e7oA+h=MeCc6e7oyA+h2	4.00E+13	0.0	4200.0
5019.	MeCc6e7oA+ho2=MeCc6e7oyA+h2o2	1.00E+12	0.0	10000.0
5020.	MeCc6e7oyA=co+MeBc5e1rF	2.00E+13	0.0	28700.0
	MeCc6e7oyA+ho2=oh+co2+MeBc5e1rF	2.00E+13	0.0	0.0
	Ic9e3qFqH=CpchqFqH	1.00E+08	0.9	5900.0
	ho2+c9e1e6qD=Ic9e3qFqH	8.00E+10	0.0	6000.0
5024.	oh+c9ele6ojD=c9ele6qD	1.81E+13	0.0	0.0
5025.	ac3h5+c6e3oA=c9e1e6ojD	8.80E+03	2.5	6130.0
	ac3h5hco+Cc5h9-1=c9e1e6ojD	8.80E+03	2.5	6130.0
	c6e3oA+oh=c6e3oyA+h2o	4.20E+12	0.0	500.0
5028.	c6e3oA+h=c6e3oyA+h2	4.00E+13	0.0	4200.0
5029.	c6e3oA+ho2=c6e3oyA+h2o2	1.00E+12	0.0	10000.0
5030.	c6e3oyA=co+Cc5h9-1	2.00E+13	0.0	28700.0
	c6e3oyA+ho2=oh+co2+Cc5h9-1	2.00E+13	0.0	0.0
	ho2+pche5qH=EpchqFqH	8.00E+10	0.0	6000.0
5033.	oh+pche5ojH=pche5qH	1.81E+13	0.0	0.0
5034.	EtDc7e1oIrC=pche5ojH	1.00E+08	0.9	5900.0
5035.	c7h12-13+ch2hco=EtDc7e1oIrC	1.32E+04	2.5	6130.0
	chxoAoD+nc3h7=pchoGojD	8.50E+10	0.0	11900.0
	Ac9oCoF=pchoGojD	1.00E+08	0.9	5900.0
5038.	c7oyAoD+c2h4=Ac9oCoF	2.11E+11	0.0	7350.0
5039.	Fc9oAoC=pchoGojE	1.00E+08	0.9	5900.0
	pchoGojE=>Mec8oor	2.00E+13	0.0	1670.0
	c5h10+ch2coch2hco=Fc9oAoC	1.50E+11	0.0	7200.0
	Fc9oAoC+o2=c9oAoCqjF	1.84E+45	-11.1	6538.0
	c9oAoCqjF=Dc9oAoCqF	5.75E+08	1.0	22500.0
5044.	Dc9oAoCqF+o2=c9oAoCqFqjD	1.84E+45	-11.1	6538.0
5045.	c9oAoCqFqjD=oh+c9oAoCoFqD	2.87E+08	1.0	23000.0
	c9oAoCoFqD=oh+hcoch2co+c6oAoC	1.00E+16	0.0	43000.0
	c6oAoC+oh=>h2o+c6oyAoC	4.20E+12	0.0	500.0
5048.	c6oAoC+h=>h2+c6oyAoC	4.00E+13	0.0	4200.0
5049.	c6oAoC+ho2=>h2o2+c6oyAoC	1.00E+12	0.0	10000.0
5050.	c6oyAoC=>co+nc3h7coch2	2.00E+13	0.0	28700.0
	c6oyAoC+ho2=>oh+co2+nc3h7coch2	2.00E+13	0.0	0.0
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	c2h5+acrol=Bc5oA	1.50E+11	0.0	7200.0
	EtDc7oyAoI=pchoGojF	1.00E+08	0.9	5900.0
5054.	Ipc9oAoB=pchoGojF	1.00E+08	0.9	5900.0
5055.	c5h10+c2h4cohco=Ipc9oAoB	1.50E+11	0.0	7200.0
	c2h4+choco=c2h4cohco	2.11E+11	0.0	7350.0
	nc3h7+c6e5oAoB=Ipc9oAoB	1.50E+11	0.0	7200.0
	pche4e6+oh=h2o+Ipche4e6	2.25E+13	0.0	2217.0
5059.	pche4e6+oh=h2o+Dpche5e7	2.25E+13	0.0	2217.0
5060.	pche5e7+oh=h2o+Ipche5e7	2.25E+13	0.0	2217.0
	pche5e7+oh=h2o+Dpche5e7	2.25E+13	0.0	2217.0
	pche4e6+h=h2+Ipche4e6	5.00E+13	0.0	
				3900.0
5063.	pche4e6+h=h2+Dpche5e7	5.00E+13	0.0	3900.0

5064.	pche5e7+h=h2+Ipche5e7	5.00E+13	0.0	3900.0
5065.	pche5e7+h=h2+Dpche5e7	5.00E+13	0.0	3900.0
5066.	pche4e6+ho2=h2o2+Ipche4e6	3.20E+12	0.0	14900.0
	pche4e6+ho2=h2o2+Dpche5e7	3.20E+12	0.0	14900.0
	pche5e7+ho2=h2o2+Ipche5e7	3.20E+12	0.0	14900.0
5069.	pche5e7+ho2=h2o2+Dpche5e7	3.20E+12	0.0	14900.0
5070.	pche4e6+o2=ho2+Ipche4e6	4.00E+12	0.0	40000.0
	pche4e6+o2=ho2+Dpche5e7	4.00E+12	0.0	40000.0
	pche5e7+o2=ho2+Ipche5e7	4.00E+12	0.0	40000.0
5073.	pche5e7+o2=ho2+Dpche5e7	4.00E+12	0.0	40000.0
5074.	pche4e6+ch3=ch4+Ipche4e6	1.00E+11	0.0	7300.0
	pche4e6+ch3=ch4+Dpche5e7	1.00E+11	0.0	7300.0
	pche5e7+ch3=ch4+Ipche5e7	1.00E+11	0.0	7300.0
	-			
	pche5e7+ch3=ch4+Dpche5e7	1.00E+11	0.0	7300.0
5078.	Ipche4e6=pbz+h	1.20E+13	0.0	22800.0
5079.	Dpche5e7=pbz+h	1.20E+13	0.0	20000.0
	Ipche5e7=pbz+h	6.00E+12	0.0	20000.0
	Ipche5e7=c6h6+nc3h7	2.00E+13	0.0	8800.0
	Ipche4e6+h=pbz+h2	3.16E+13	0.0	0.0
5083.	Dpche5e7+h=pbz+h2	3.16E+13	0.0	0.0
5084.	Ipche5e7+h=pbz+h2	3.16E+13	0.0	0.0
5085.		1.20E+12	0.0	38344.0
	Dpche5e7+o2=pbz+ho2	1.20E+12	0.0	38344.0
5087.	Ipche5e7+o2=pbz+ho2	1.20E+12	0.0	38344.0
5088.	Ipche4e6+o=pbz+oh	4.00E+11	0.0	-2100.0
5089.	Dpche5e7+o=pbz+oh	4.00E+11	0.0	-2100.0
	Ipche5e7+o=pbz+oh	4.00E+11	0.0	-2100.0
	Ipche4e6+oh=pbz+h2o	6.00E+12	0.0	880.0
5092.	Dpche5e7+oh=pbz+h2o	6.00E+12	0.0	880.0
5093.	Ipche5e7+oh=pbz+h2o	6.00E+12	0.0	880.0
5094.	Ipche4e6+ho2=pbz+h2o2	2.66E+11	0.0	11269.0
	Dpche5e7+ho2=pbz+h2o2	2.66E+11	0.0	11269.0
5096.	1	2.66E+11	0.0	11269.0
	Ipche4e6+ch3=pbz+ch4	8.00E+12	0.0	0.0
5098.	Dpche5e7+ch3=pbz+ch4	8.00E+12	0.0	0.0
5099.	Ipche5e7+ch3=pbz+ch4	8.00E+12	0.0	0.0
	Ipche4e6+c2h5=pbz+c2h6	3.98E+12	0.0	0.0
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	Dpche5e7+c2h5=pbz+c2h6	3.98E+12	0.0	0.0
5102.	Ipche5e7+c2h5=pbz+c2h6	3.98E+12	0.0	0.0
5103.	Ipche4e6+nc3h7=pbz+c3h8	3.98E+12	0.0	0.0
5104.	Dpche5e7+nc3h7=pbz+c3h8	3.98E+12	0.0	0.0
5105.		3.98E+12	0.0	0.0
	Ipche4e6+ic3h7=pbz+c3h8	3.98E+12	0.0	0.0
	Dpche5e7+ic3h7=pbz+c3h8	3.98E+12	0.0	0.0
5108.	Ipche5e7+ic3h7=pbz+c3h8	3.98E+12	0.0	0.0
5109.	Ipche4e6+c2h3=pbz+c2h4	3.98E+12	0.0	0.0
	Dpche5e7+c2h3=pbz+c2h4	3.98E+12	0.0	0.0
	<del>-</del>			
	Ipche5e7+c2h3=pbz+c2h4	3.98E+12	0.0	0.0
	Ipche4e6+ac3h5=pbz+c3h6	3.98E+12	0.0	0.0
5113.	Dpche5e7+ac3h5=pbz+c3h6	3.98E+12	0.0	0.0
5114.	Ipche5e7+ac3h5=pbz+c3h6	3.98E+12	0.0	0.0
	Ipche4e6+pchA=pbz+pch	3.98E+12	0.0	0.0
	Dpche5e7+pchA=pbz+pch	3.98E+12	0.0	0.0
	Ipche5e7+pchA=pbz+pch	3.98E+12	0.0	0.0
5118.	Ipche4e6+pchB=pbz+pch	3.98E+12	0.0	0.0
5119.	Dpche5e7+pchB=pbz+pch	3.98E+12	0.0	0.0
	Ipche5e7+pchB=pbz+pch	3.98E+12	0.0	0.0
			0.0	
	Ipche4e6+pchC=pbz+pch	3.98E+12		0.0
	Dpche5e7+pchC=pbz+pch	3.98E+12	0.0	0.0
	Ipche5e7+pchC=pbz+pch	3.98E+12	0.0	0.0
5124.	Ipche4e6+pchD=pbz+pch	3.98E+12	0.0	0.0

5125.	Dpche5e7+pchD=pbz+pch	3.98E+12	0.0	0.0
5126.	Ipche5e7+pchD=pbz+pch	3.98E+12	0.0	0.0
	Ipche4e6+pchE=pbz+pch	3.98E+12	0.0	0.0
	Dpche5e7+pchE=pbz+pch	3.98E+12	0.0	0.0
5129.		3.98E+12	0.0	0.0
5130.	Ipche4e6+pchF=pbz+pch	3.98E+12	0.0	0.0
5131.	Dpche5e7+pchF=pbz+pch	3.98E+12	0.0	0.0
5132.	Ipche5e7+pchF=pbz+pch	3.98E+12	0.0	0.0
5133.	Ipche4e6+pchG=pbz+pch	3.98E+12	0.0	0.0
		3.98E+12	0.0	
	Dpche5e7+pchG=pbz+pch			0.0
5135.		3.98E+12	0.0	0.0
5136.	Ipche4e6+ch3o2=pbz+ch3o2h	2.66E+11	0.0	11269.0
5137.	Dpche5e7+ch3o2=pbz+ch3o2h	2.66E+11	0.0	11269.0
5138.	Ipche5e7+ch3o2=pbz+ch3o2h	2.66E+11	0.0	11269.0
5139.		2.66E+11	0.0	11269.0
5140.		2.66E+11	0.0	11269.0
5141.	Ipche5e7+c2h5o2=pbz+c2h5o2h	2.66E+11	0.0	11269.0
5142.	Ipche4e6+nc3h7o2=pbz+nc3h7o2h	2.66E+11	0.0	11269.0
5143.	Dpche5e7+nc3h7o2=pbz+nc3h7o2h	2.66E+11	0.0	11269.0
5144.	Ipche5e7+nc3h7o2=pbz+nc3h7o2h	2.66E+11	0.0	11269.0
5145.	Ipche4e6+pchqjA=pbz+pchqG	2.66E+11	0.0	11269.0
5146.		2.66E+11	0.0	11269.0
5147.		2.66E+11	0.0	11269.0
5148.		2.66E+11	0.0	11269.0
5149.	Dpche5e7+pchqjB=pbz+pchqG	2.66E+11	0.0	11269.0
5150.	Ipche5e7+pchqjB=pbz+pchqG	2.66E+11	0.0	11269.0
5151.	Ipche4e6+pchqjC=pbz+pchqG	2.66E+11	0.0	11269.0
5152.	Dpche5e7+pchqjC=pbz+pchqG	2.66E+11	0.0	11269.0
5153.		2.66E+11	0.0	11269.0
		2.66E+11	0.0	11269.0
5154.				
5155.		2.66E+11	0.0	11269.0
5156.		2.66E+11	0.0	11269.0
5157.	Ipche4e6+pchqjE=pbz+pchqG	2.66E+11	0.0	11269.0
5158.	Dpche5e7+pchqjE=pbz+pchqG	2.66E+11	0.0	11269.0
5159.	Ipche5e7+pchqjE=pbz+pchqG	2.66E+11	0.0	11269.0
5160.	Ipche4e6+pchqjF=pbz+pchqG	2.66E+11	0.0	11269.0
	Dpche5e7+pchqjF=pbz+pchqG	2.66E+11	0.0	11269.0
	Ipche5e7+pchqjF=pbz+pchqG	2.66E+11	0.0	11269.0
5163.		2.66E+11	0.0	11269.0
	Dpche5e7+pchqjG=pbz+pchqG	2.66E+11	0.0	11269.0
5165.	Ipche5e7+pchqjG=pbz+pchqG	2.66E+11	0.0	11269.0
5166.	ac3h5+ch3co=c5e4oB	1.00E+13	0.0	0.0
5167.	c5e4oB+o2=Cc5e4oB+ho2	7.00E+10	0.0	36015.0
	c5e4oB+oh=Cc5e4oB+h2o	7.70E+05	2.2	622.0
	c5e4oB+h=Cc5e4oB+h2		2.0	
		7.00E+06		0.0
	c5e4oB+ho2=Cc5e4oB+h2o2	2.00E+11	0.0	12600.0
	c5e4oB+ch3=Cc5e4oB+ch4	2.00E+14	0.0	22800.0
5172.	Cc5e4oB+o=ch3cocho+c2h3	2.00E+14	0.0	0.0
5173.	Cc5e4oB+o=ch3co+acrol	2.00E+14	0.0	0.0
5174.	Cc5e4oB+ho2=ch3cocho+c2h3+oh	1.00E+13	0.0	0.0
	Cc5e4oB+ho2=ch3co+acrol+oh	1.00E+13	0.0	0.0
	c5e4oB+o2=Ac5e4oB+ho2	3.01E+13		
			0.0	48500.0
	c5e4oB+oh=Ac5e4oB+h2o	3.38E+07	1.7	830.0
	c5e4oB+h=Ac5e4oB+h2	1.15E+05	2.7	6260.0
5179.	c5e4oB+ho2=Ac5e4oB+h2o2	8.50E+12	0.0	20460.0
5180.	c5e4oB+ch3=Ac5e4oB+ch4	1.98E+11	0.0	9784.0
5181.	c7e6oyA+ho2=>co2+oh+Fc6h11-1	2.00E+13	0.0	0.0
	Fc9oAoG+o2=c9oAoGqjF	1.84E+45	-11.1	6538.0
	c9oAoGqjF=Hc9oAoGqF	5.75E+08	1.0	22600.0
	Hc9oAoGqF+o2=c9oAoGqFqjH	1.84E+45	-11.1	6538.0
5185.	c9oAoGqFqjH=oh+c9oAoGoFqH	2.87E+08	1.0	20600.0

5186.	c9oAoGoFqH=>oh+ch3hco+c7oyAoBoG	1.00E+16	0.0	43000.0
5187.	c7oyAoBoG=>co+c6oyAoF	2.00E+13	0.0	28700.0
5188.	c7oyAoBoG+ho2=>co2+oh+c6oyAoF	2.00E+13	0.0	0.0
5189.	c6oyAoF=>co+Ec5oA	2.00E+13	0.0	28700.0
	c6oyAoF+ho2=>co2+oh+Ec5oA	2.00E+13	0.0	0.0
	c2h4+ch2ch2hco=Ec5oA	3.30E+11	0.0	7200.0
	Ec5oA+o2=c5oAqjE	4.82E+36	-8.2	5167.0
	c5oAqjE=Cc5oAqE	5.75E+08	1.0	25000.0
	c5oAqjE=Bc5oAqE	9.89E+07	1.0	20000.0
	Cc5oAqE=>oh+ch2o+ac3h5hco	2.00E+13	0.0	28700.0
	Cc5oAqE+o2=c5oAqEqjC	1.84E+45	-11.1	6538.0
	Bc5oAqE+o2=c5oAqEqjB	1.84E+45	-11.1	6538.0
	c5oAqEqjC=oh+c5oAoEqC	2.87E+08	1.0	23000.0
	c5oAqEqjB=oh+c5oAoEqB	4.94E+07	1.0	18000.0
	c5oAoEqC=>oh+hcoch2hco+ch2hco	1.00E+16	0.0	43000.0
	c5oAoEqB=>oh+hco+choch2ch2cho	1.00E+16	0.0	43000.0
	ch2co+cyc6h11=AechoB	2.11E+11	0.0	7350.0
	c6oAoCoF+oh=>h2o+c6oyAoCoF	4.20E+12	0.0	500.0
5204.	c6oAoCoF+h=>h2+c6oyAoCoF	4.00E+13	0.0	4200.0
5205.	c6oAoCoF+ho2=>h2o2+c6oyAoCoF	1.00E+12	0.0	10000.0
5206.	c6oyAoCoF=>co+Ec5oAoD	2.00E+13	0.0	28700.0
5207.	c6oyAoCoF+ho2=>oh+co2+Ec5oAoD	2.00E+13	0.0	0.0
5208.	c6oAoCoF+oh=>h2o+c6oAoCoyF	4.20E+12	0.0	500.0
5209.	c6oAoCoF+h=>h2+c6oAoCoyF	4.00E+13	0.0	4200.0
5210.	c6oAoCoF+ho2=>h2o2+c6oAoCoyF	1.00E+12	0.0	10000.0
	c6oAoCoyF=>co+Ec5oAoC	2.00E+13	0.0	28700.0
	c6oAoCoyF+ho2=>oh+co2+Ec5oAoC	2.00E+13	0.0	0.0
	c2h4+hcoch2co=Ec5oAoC	2.11E+11	0.0	7350.0
	Cc6oAoD=c2h5coc2h3+hco	2.00E+13	0.0	33800.0
	MeCc6oAoDoG+oh=>h2o+MeCc6oyAoDoG	4.20E+12	0.0	500.0
	MeCc6oAoDoG+h=>h2+MeCc6oyAoDoG	4.00E+13	0.0	4200.0
	MeCc6oAoDoG+ho2=>h2o2+MeCc6oyAoDoG	1.00E+12	0.0	10000.0
	MeCc6oyAoDoG=>co+MeBc5oAoCrF	2.00E+13	0.0	28700.0
	MeCc6oyAoDoG+ho2=>oh+co2+MeBc5oAoCrF	2.00E+13 2.00E+13	0.0	0.0
	MeCc6oAoDoG+oh=>h2o+MeCc6oAoDoyG	4.20E+12	0.0	500.0
			0.0	4200.0
	MeCc6oAoDoG+h=>h2+MeCc6oAoDoyG	4.00E+13		
	MeCc6oAoDoG+ho2=>h2o2+MeCc6oAoDoyG	1.00E+12	0.0	10000.0
	MeCc6oAoDoyG=>co+Cc6oAoD	2.00E+13	0.0	28700.0
	MeCc6oAoDoyG+ho2=>oh+co2+Cc6oAoD	2.00E+13	0.0	0.0
	acrol+c2h5co=MeBc5oAoCrF	2.11E+11	0.0	7350.0
	hco+c2h5coc2h3=MeBc5oAoCrF	2.11E+11	0.0	7350.0
	c7e6oAoC+oh=c7e6oyAoC+h2o	4.20E+12	0.0	500.0
	c7e6oAoC+h=c7e6oyAoC+h2	4.00E+13	0.0	4200.0
	c7e6oAoC+ho2=c7e6oyAoC+h2o2	1.00E+12	0.0	10000.0
	c7e6oyAoC=Ac6e5oB+co	2.00E+13	0.0	28700.0
5231.	c7e6oyAoC+ho2=>Ac6e5oB+co2+oh	2.00E+13	0.0	0.0
5232.	Ac9oDoF+o2=c9oDoFqjA	4.82E+36	-8.2	5167.0
5233.	c9oDoFqjA=Cc9oDoFqA	5.75E+08	1.0	22600.0
5234.	Cc9oDoFqA+o2=c9oDoFqAqjC	1.84E+45	-11.1	6538.0
5235.	c9oDoFqAqjC=oh+c9oAoDoFqC	5.75E+08	1.0	26000.0
5236.	c9oAoDoFqC=oh+hcoch2hco+c6oyAoC	1.00E+16	0.0	43000.0
5237.	ho2+pche5qD=FpchqDqE	8.00E+10	0.0	6000.0
	pche5qD=pche5ojD+oh	1.00E+16	0.0	43000.0
	oh+c9elqAoF=FpchqDqE	4.76E+07	1.5	34700.0
	c9e1qAoF=c9e1ojAoF+oh	1.00E+16	0.0	43000.0
	Ac6oC+acrol=c9elojAoF	1.32E+04	2.5	6130.0
	c5e4oB+oh=Dc5oBohE	9.93E+11	0.0	-960.0
	Dc5oBohE+o2=c5oBqjDohE	1.20E+11	0.0	-1100.0
	c5oBqjDohE=c4oAoC+ch2o+oh	1.25E+10	0.0	18900.0
	c4oAoC+oh=c4oyAoC+h2o	4.20E+12	0.0	500.0
	c4oAoC+h=c4oyAoC+h2	4.00E+13	0.0	4200.0
J4TU.	0.10100+11=0.107A0C+112	±.00₽±T2	0.0	1200.0

	c4oAoC+ho2=c4oyAoC+h2o2	1.00E+12	0.0	10000.0
	c4oyAoC=ch2coch3+co	2.00E+13	0.0	28700.0
	c4oyAoC+ho2=>ch2coch3+co2+oh	2.00E+13	0.0	0.0
5250.	ch2co+mchA=ApchoB	1.76E+04	2.5	6130.0
5251.	acrol+cyc6h11=BpchoA	1.32E+04	2.5	6130.0
5252.	c2h4+chxco=ApchoC	1.00E+11	0.0	7800.0
5253.	hco+eche1=CpchoA	1.00E+11	0.0	7800.0
	c4h6+hco=Cc5e4oA	1.00E+11	0.0	7800.0
	mchel+ch2hco=DpchoA	1.32E+04		6130.0
	c2h4+AmchoC=ApchoE		2.5	6130.0
	cyc6h10+ch2ch2hco=EpchoA	1.32E+01	2.5	6130.0
	c2h4+AmchoD=ApchoF	1.32E+04	2.5	6130.0
	EtDc7e6oArI=FpchoA	1.00E+08	0.9	5900.0
	ch2hco+c7h12-16=Dc9e8oA	1.32E+04	2.5	
		1.32E+04	2.5	6130.0
	c4h7hco-1+Dc4h7-1=Dc9e8oA	1.32E+04	2.5	6130.0
	c2h4+Dc7e6oA=EtDc7e6oArI		2.5	6130.0
	c5h8-14+ch2hco=Dc7e6oA		2.5	6130.0
	ch3chco+cyc6h11=BpchoC	1.76E+04	2.5	6130.0
	Ic9e3oB=CpchoB	1.00E+08	0.9	5900.0
	c2h4+Gc7e3oB=Ic9e3oB	1.32E+04	2.5	6130.0
5267.	c2h4+Cc5e4oB=Gc7e3oB	8.80E+03	2.5	6130.0
5268.	ch3co+mche1=DpchoB	1.00E+11	0.0	7800.0
5269.	c3h6+Bchxone=BpchoE	8.80E+03	2.5	6130.0
5270.	ch2coch3+cyc6h10=EpchoB	8.80E+03	2.5	6130.0
	c2h4+Ec5e4oB=Gc7e4oB	2.00E+11	0.0	2010.0
5272.	c3h6+Cchxone=BpchoF	2.64E+04	2.5	6130.0
	Dc9e8oB=FpchoB	1.00E+08		5900.0
	EtDc7e6oBrI=FpchoB		0.9	5900.0
	ch3co+c7h12-16=Dc9e8oB	2.00E+11	0.0	7800.0
	c5e4oB+Dc4h7-1=Dc9e8oB	1.32E+04	2.5	6130.0
	c2h4+Dc7e6oB=EtDc7e6oBrI	1.32E+01	2.5	6130.0
	c5h8-14+ch3co=Dc7e6oB	1.00E+11	0.0	7800.0
	c5e4oB+c2h3=Dc7e6oB	2.00E+11	0.0	2010.0
	c3h6+Dchxone=BpchoG	2.64E+04	2.5	6130.0
	MeDc8e7oBrI=GpchoB		0.9	5900.0
	c5e4oB+Dc4h7-1=MeDc8e7oBrI	1.32E+04	2.5	6130.0
	ch2coch3+c6h10-15=MeDc8e7oBrI	1.32E+04	2.5	6130.0
	MeDc8e9oCrH=DpchoC	1.00E+08	0.9	5900.0
	c2h4+MeCc6e7oDrA=MeDc8e9oCrH	1.32E+04	2.5	6130.0
	c2h4+Bc5eloC=MeCc6e7oDrA	2.00E+11	0.0	2010.0
	c2h5+ch2cco=Bc5e1oC	1.76E+04	2.5	6130.0
	c9e6oyA=CpchoE	1.00E+08	0.9	5900.0
5289.	c9e6oyA=co+Hc8h15-3	2.00E+13	0.0	28700.0
5290.	c2h4+Ac6h11-3=Hc8h15-3	1.32E+04	2.5	6130.0
5291.	cyc6h10+c2h5co=EpchoC	1.00E+11	0.0	7800.0
5292.	ch3+echeloE=CpchoF	1.32E+04	2.5	6130.0
5293.	Ac9e6oD=CpchoF	1.00E+08	0.9	5900.0
	c2h4+Ac7e4oB=Ac9e6oD	8.80E+03	2.5	6130.0
	ch2co+Cc5h9-1=Ac7e4oB	8.80E+03	2.5	6130.0
	EtDc7e6oCrI=FpchoC	1.00E+08	0.9	5900.0
	Dc9e8oC=FpchoC	1.00E+08	0.9	5900.0
	Dc7eloE+c2h4=EtDc7e6oCrI	1.32E+04	2.5	6130.0
	c2h5coc2h3+c2h3=Dc7e1oE	4.00E+11	0.0	2010.0
	c2h5coc2h3+Dc4h7-1=Dc9e8oC	1.32E+04	2.5	6130.0
	ch3+echeloF=CpchoG	1.32E+04 1.32E+04	2.5	6130.0
	MeDc8e7oCrI=GpchoC	1.32E+04 1.00E+08	0.9	5900.0
	c2h5coc2h3+Dc4h7-1=MeDc8e7oCrI		2.5	
		1.32E+04		6130.0
	c6h10-15+c2h5co=MeDc8e7oCrI	1.00E+11	0.0	7800.0
	mcheloC+c2h5=DpchoE	1.32E+04	2.5	6130.0
	MeEc8e9oyA=DpchoF	1.00E+08	0.9	5900.0
5307.	ac3h4+nc3h7=MeBc5e1rF	2.00E+11	0.0	11300.0

5308.	MeBc5e1rF+o2=ch2o+nc3h7coch2	3.08E+09	0.4	16910.0
	MeEc8e9oyA=co+MeDc7e8rA	2.00E+13	0.0	28700.0
		2.005+13	0.0	
53IU.	MeEc8e9oyA+ho2=co2+oh+MeDc7e8rA	2.00E+13	0.0	0.0
5311.	c2h4+MeBc5e1rF=MeDc7e8rA	8.80E+03	2.5	6130.0
5312.	mcheloE+c2h5=DpchoG	1.32E+04	2.5	6130.0
	chxe2oA+nc3h7=EpchoF	1.32E+04		
	<u>-</u>			
5314.	EtDc7e1oCrI=FpchoE	1.00E+08		
5315.	c2h4+Dc7e1oC=EtDc7e1oCrI	1.32E+04	2.5	6130.0
5316	divinket+c2h5=Dc7e1oC	2.64E+04		
		1 200.04	2.5	
	chxe3oA+nc3h7=EpchoG	1.32E+04	2.5	6130.0
5318.	MeEc8eloyI=GpchoE	1 00E+08	0 9	5900.0
5319.	MeEc8eloyI=co+Ec8h15-1	2.00E+13	0.0	28700.0
5320.	ac3h5+c5h10=Ec8h15-1	8.80E+03	2.5	6130.0
	c2h5+c6h10-15=Ec8h15-1	1.32E+04		6130.0
	chxe3oA+nc3h7=EpchoH	1.32E+04		6130.0
5323.	EtDc7e1oHrI=HpchoE	1.00E+08		
5324.	Fc9e1oE=HpchoE	1.00E+08	0.9	5900.0
	c7e1e6oC+c2h5=Fc9e1oE		2.5	6130.0
	c3h7chco+Dc4h7-1=Fc9e1oE	1.760.04	2.5	6130.0
		1.76E+04	2.5	
	ch2co+Dc7h13-1=EtDc7e1oHrI	1.76E+04	2.5	6130.0
5328.	c2h5+c5h8-14=Dc7h13-1	5.28E+04	2.5	6130.0
5329.	chxe2oA+nc3h7=IpchoE	1.32E+04	2.5	6130.0
	Fc9eloC=FpchoG	1.00E+08		5900.0
	ch2coc2h3+c5h10=Fc9e1oC	8.80E+03		
5332.	c7ele6oC+c2h5=Fc9eloC	1.32E+04		
5333.	MeEc8eloCrI=GpchoF	1.00E+08	0.9	5900.0
	ch2coc2h3+c5h10=MeEc8e1oCrI	8.80E+03	2.5	6130.0
	c6ele5oC+nc3h7=MeEc8eloCrI	1.32E+04	2.5	6130.0
		1.325704		
	EtDc7eloyI=HpchoF	1.00E+08	0.9	5900.0
5337.	EtDc7eloyI=co+MeDc7e1rH	2.00E+13	0.0	28700.0
5338.	nc3h7+c5h8-14=MeDc7e1rH	2.64E+04	2.5	6130.0
	ac3h5+c5h10=MeDc7e1rH	8.80E+03		6130.0
				0100.0
	ho2+pche3qF=CpchqDqF		0.0	6000.0
5341.	Etall+c3h6cho-1=MeEc8e5oArI		2.5	6130.0
5342.	ch3co+Etall=MeCc6e3oArG	1.76E+04	2.5	6130.0
5343.	Etall+ho2=oh+ch2o+c4h6	5.00E+11	0.0	19000.0
	Etall+ho2=oh+ch2co+c3h6	5.00E+11	0.0	19000.0
	Etall+ho2=oh+ethco+c2h2	5.00E+11	0.0	19000.0
5346.	ho2+pche4qB=EpchqDqB	8.00E+10	0.0	6000.0
5347.	c6e2e5oA+oh=c6e2e5oyA+h2o	4.20E+12	0.0	500.0
	c6e2e5oA+h=c6e2e5oyA+h2	4.00E+13	0.0	4200.0
	c6e2e5oA+ho2=c6e2e5oyA+h2o2	1.00E+12	0.0	10000.0
	c6e2e5oyA=c2h2+ac3h5+co	2.00E+13	0.0	28700.0
5351.	c6e2e5oyA+ho2=>c2h2+ac3h5+co2+oh	2.00E+13	0.0	0.0
5352.	mcheloE+oh=ch2o+Dchxone	1.40E+12	0.0	-900.0
	mcheloE+oh=ch3+chxoAoD	1.40E+12	0.0	-900.0
	echele3+oh=ch2o+Cmche1	1.40E+12	0.0	-900.0
5355.	echele3+oh=ch3+mche2oA	1.40E+12	0.0	-900.0
5356.	echele3+oh=2c2h4+ch2coc2h3	1.40E+12	0.0	-900.0
	echele3+oh=c4h6+c3h6cho-1	1.40E+12	0.0	-900.0
	AmchoC=>co+Fc6h11-1	1.78E+16	-0.4	
				25157.0
	AmchoC=>2c2h4+c2h3co	3.31E+15	-0.1	24999.0
5360.	c3h3+c3h3=c6h615	4.00E+12	0.0	0.0
5361.	c6h5+o=c5h5+co	9.00E+13	0.0	0.0
	c6h5+o2=c6h5o2	1.86E+13	-0.2	-711.0
	c6h5o+o=c6h5o2	2.81E+13	-0.2	-1935.0
	c6h5+c3h6=ac3h5+c6h6	1.36E+00	3.8	1437.0
5365.	c6h5oh=CPD+co	8.62E+15	-0.6	74122.6
5366.	c6h5o+o=c6h4o2+h	3.00E+13	0.0	0.0
	c6h5o2+h=c6h5o2h	2.50E+14	0.0	0.0
	c6h5o+oh=c6h5o2h			
5300.	C0113O+O11=C0113OZII	1.00E+12	0.0	0.0

5369.	c6h5o2+ho2=c6h5o2h+o2	1.87E+12	0.0	1540.0
5370.	c6h5o2+c6h5oh=c6h5o2h+c6h5o	1.00E+12	0.0	6961.0
	c6h5o+ho2=c6h5o2+oh	1.50E+14	0.0	23650.0
	c6h4o2=c5h4+co2	3.50E+12	0.0	67000.0
	c6h4o2+h=>c5h5o+co	2.50E+13	0.0	4700.0
5374.	c6h4o2+h=>c6h3o2+h2	2.00E+12	0.0	8100.0
5375.	c6h4o2+oh=>c6h3o2+h2o	1.00E+06	2.0	4000.0
5376.	c6h4o2+o=>c6h3o3+h	1.50E+13	0.0	4530.0
5377.	c6h4o2+o=>c6h3o2+oh	1.40E+13	0.0	14700.0
	c6h3o2+h=>c2h2+c2h2+co+co	1.00E+14	0.0	0.0
	c6h3o2+o=>c2h2+hcco+co	1.00E+11	0.0	0.0
	c6h3o3=>c2h2+hcco+co+co	1.00E+12	0.0	50000.0
	aceton=ch3co+ch3	2.70E+16	0.0	81740.0
5382.	aceton+o2=ch2coch3+ho2	1.00E+13	0.0	51000.0
5383.	metacrol=tc3h5+hco	2.45E+16	0.0	84128.0
5384.	metacrol+ho2=>c3h5co+h2o2	8.50E+11	0.0	10700.0
	metacrol+oh=>c3h5co+h2o	1.21E+13	0.0	-307.0
	metacrol+h=>c3h5co+h2	4.00E+13	0.0	4200.0
	metacrol+ch3=>c3h5co+ch4	8.75E+11	0.0	8440.0
	c3h5co+m=>tc3h5+co+m	8.64E+15	0.0	14400.0
	ic4h9=c3h6+ch3	2.00E+13	0.0	29950.0
5390.	ic4h9=ic4h8+h	1.91E+29	-5.2	39758.0
5391.	ic4h9+o2=ic4h8+ho2	2.40E+10	0.0	0.0
5392.	ic4h9+ho2=>ic3h7+ch2o+oh	2.41E+13	0.0	0.0
	tc4h9=ic4h8+h	2.90E+51	-11.5	52620.0
	tc4h9=c3h6+ch3	3.00E+14	0.0	46300.0
	tc4h9+o2=ic4h8+ho2	5.00E+11	0.0	2500.0
	tc4h9+ho2=>aceton+ch3+oh	1.80E+13	0.0	0.0
	tc4h9+oh=ic4h8+h2o	1.80E+13	0.0	0.0
	tc4h9+h=ic4h8+h2	5.40E+12	0.0	0.0
5399.	tc4h9+o=ic4h8+oh	4.16E+14	0.0	0.0
5400.	tc4h9+o=aceton+ch3	1.04E+14	0.0	0.0
5401.	tc4h9+ch3=ic4h8+ch4	1.26E+13	0.0	-596.0
5402	ic4h8=tc3h5+ch3	3.56E+56	-12.0	116658.0
	ic4h8=ic4h7+h	2.77E+54	-11.7	107716.0
	ic4h8+o2=ic4h7+ho2	1.44E+13	0.0	
		-		38530.0
	ic4h8+ho2=ic4h7+h2o2	3.00E+11	0.0	14190.0
	ic4h8+ho2=c4h8o+oh	1.02E+12	0.0	14964.0
	c4h8o=bmepral	4.00E+13	0.0	57200.0
5408.	c4h8o=ic3h7+hco	6.00E+13	0.0	57200.0
5409.	ic4h8+oh=ic4h7+h2o	6.00E+06	2.0	-60.0
5410.	ic4h8+o=ic4h7+oh	3.00E+08	1.3	-1079.0
5411.	ic4h8+o=ic3h7+hco	5.00E+08	1.3	-1079.0
	ic4h8+o=c4h8o	1.00E+08	1.3	-1079.0
	ic4h8+h=ic4h7+h2	1.72E+14	0.0	8000.0
	ic4h8+h=c3h6+ch3	1.72E+13	0.0	3600.0
	ic4h8+ch3=ic4h7+ch4	4.42E+00	3.5	4420.0
	ic4h8+hco=ic4h7+ch2o	3.30E+11	0.0	6210.0
5417.	ic4h8+c2h3=ic4h7+c2h4	1.00E+13	0.0	13000.0
5418.	ic4h8+ac3h5=ic4h7+c3h6	7.94E+11	0.0	20500.0
5419.	ic4h8+sc3h5=ic4h7+c3h6	7.94E+11	0.0	20500.0
	ic4h8+tc3h5=ic4h7+c3h6	7.94E+11	0.0	20500.0
	ic4h7+ho2=c4h7o+oh	4.50E+12	0.0	0.0
	ic4h7+ch3=bme1bu	1.00E+13	0.0	0.0
	ic4h7+ic4h7=ac3h4+bme1bu	5.00E+10	0.0	6300.0
	c4h7o=metacrol+h	1.50E+13	0.0	19000.0
	bmepral=ic3h7+hco	2.45E+16	0.0	84128.0
	bmepral+o2=>bmepryl+ho2	3.01E+13	0.0	39148.0
5427.	bmepral+ho2=>bmepryl+h2o2	3.01E+12	0.0	11923.0
	bmepral+oh=>bmepryl+h2o	3.37E+12	0.0	-616.0
	bmepral+o=>bmepryl+oh	5.00E+12	0.0	1792.0

5430.	bmepral+h=>bmepryl+h2	4.00E+13	0.0	4207.0
5431.	bmepryl+M=>ic3h7+co+M	8.64E+15	0.0	14400.0
5432.	bme1bu=bme2bu	3.50E+12	0.0	60000.0
5433.	bme1bu=tc3h5+c2h5	3.30E+21	-1.2	97720.0
	bme1bu=bme2b1+h		-1.0	97350.0
	bme1bu+o2=bme2b1+ho2	4.00E+12	0.0	40000.0
	bme1bu+ho2=bme2b1+h2o2	1.00E+11	0.0	17060.0
	bmelbu+oh=bme2b1+h2o	6.28E+06	2.0	-543.0
	bme1bu+o=bme2b1+oh	1.30E+12	0.0	4500.0
	bme1bu+h=bme2b1+h2	1.95E+13	0.0	4445.0
5440.	bme1bu+ch3=bme2b1+ch4	1.00E+11	0.0	7300.0
5441.	bme2bu=bme2b1+h	2.13E+47	-9.3	104551.0
5442.	bme2bu=cme2b1+h	1.06E+47	-9.3	104551.0
5443.	bme2bu+o2=bme2b1+ho2	4.80E+12	0.0	38530.0
5444.	bme2bu+o2=cme2b1+ho2	2.40E+12	0.0	38530.0
5445.	bme2bu+ho2=bme2b1+h2o2	3.00E+11	0.0	14190.0
5446.	bme2bu+ho2=cme2b1+h2o2	1.50E+11	0.0	14190.0
	bme2bu+oh=bme2b1+h2o	9.00E+06	2.0	-60.0
-	bme2bu+oh=cme2b1+h2o	3.00E+06	2.0	-60.0
	bme2bu+oh=ch3hco+ic3h7	2.00E+10	0.0	4000.0
	bme2bu+o=bme2b1+oh	3.50E+11	0.7	5884.0
	bme2bu+o=cme2b1+oh	1.75E+11	0.7	5884.0
	bme2bu+o=ch3hco+c3h6	7.23E+05	2.3	-1050.0
	bme2bu+h=bme2b1+h2	1.29E+13	0.0	4445.0
	bme2bu+h=cme2b1+h2	6.46E+12	0.0	4445.0
	bme2bu+ch3=bme2b1+ch4	3.20E+11	0.0	8800.0
	bme2bu+ch3=cme2b1+ch4	1.60E+11	0.0	8800.0
5457.	bme2b1=isope+h	1.20E+08	2.5	45000.0
5458.	bme2b1+o2=isope+ho2	1.00E+11	0.0	37000.0
5459.	bme2b1+ho2=isope+h2o2	1.00E+12	0.0	0.0
5460.	bme2b1+oh=isope+h2o	1.80E+13	0.0	0.0
5461.	bme2b1+o=isope+oh	1.80E+13	0.0	0.0
	bme2b1+h=isope+h2	3.60E+12	0.0	0.0
	bme2b1+ch3=isope+ch4	1.00E+13	0.0	0.0
	bme2b1+ic4h7=isope+ic4h8	4.00E+13	0.0	0.0
	cme2b1=isope+h	1.20E+08	2.5	45000.0
	cme2b1+o2=isope+ho2	1.00E+11	0.0	37000.0
	cme2b1+b02=isope+h2o2	1.00E+11 1.00E+12	0.0	0.0
	cme2b1+oh=isope+h2o	1.80E+13	0.0	0.0
	cme2b1+o=isope+oh	1.80E+13	0.0	0.0
	cme2b1+h=isope+h2	3.60E+12	0.0	0.0
	cme2b1+ch3=isope+ch4	1.00E+13	0.0	0.0
	cme2b1+ic4h7=isope+ic4h8	4.00E+13	0.0	0.0
5473.	c2h3+tc3h5=isope	2.50E+13	0.0	0.0
5474.	c4h7o=tc3h5+ch2o	5.00E+15	0.0	25000.0
5475.	c4h7o=ac3h5+ch2o	1.50E+15	0.0	25000.0
5476.	ic4h8+ch3=bme1bu+h	1.55E+07	1.9	14182.0
5477.	bme1bu+h=c3h6+c2h5	1.70E+12	0.0	2900.0
5478.	bme1bu+ch3=>c2h4+c2h4+c2h5	1.70E+11	0.0	7400.0
	nec5h11=ch3+ic4h8	7.94E+13	0.0	30900.0
	nec5h11+ho2=>tc4h9+ch2o+oh	2.50E+13	0.0	0.0
	nec5h11+o=>tc4h9+ch2o	5.00E+13	0.0	0.0
	nec5h11+oh=>tc4h9+ch2o+h	2.50E+13	0.0	0.0
	nec5h11+ch3=>tc4h9+ch2o+h	1.00E+11	0.0	
				0.0
	tc3h5+ho2=ch2co+ch3+oh	1.50E+12	0.0	0.0
	tc3h5+ch2=c4h6+h	3.00E+13	0.0	0.0
	ic8h18=nec5h11+ic3h7	1.00E+17	0.0	83200.0
	ic8h18=dddmpe2+ch3	2.00E+17	0.0	81500.0
	ic8h18=tc4h9+ic4h9	1.00E+17	0.0	79000.0
	ic8h18=bddmpe2+ch3	3.00E+17	0.0	80800.0
5490.	ic8h18=bbdtmpe1+h	2.00E+16	0.0	100160.0

5491.	ic8h18=bbdtmpe3+h	4.40E+15	0.0	95160.0
5492.	ic8h18=bddtmpe2+h	2.20E+15	0.0	92760.0
	ic8h18=bddtmpe1+h	1.30E+16	0.0	99160.0
	ic8h18+o2=bbdtmpe1+ho2	3.75E+13	0.0	50560.0
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	ic8h18+o2=bbdtmpe3+ho2	2.00E+13	0.0	45600.0
	ic8h18+o2=bddtmpe2+ho2	2.00E+13	0.0	43200.0
5497.	ic8h18+o2=bddtmpe1+ho2	2.50E+13	0.0	49600.0
5498.	ic8h18+ho2=bbdtmpe1+h2o2	1.20E+13	0.0	19400.0
5499.	ic8h18+ho2=bbdtmpe3+h2o2	2.44E+12	0.0	17000.0
5500.	ic8h18+ho2=bddtmpe2+h2o2	2.16E+12	0.0	14400.0
	ic8h18+ho2=bddtmpe1+h2o2	8.04E+12	0.0	19400.0
	ic8h18+oh=bbdtmpe1+h2o	2.63E+07	1.8	278.2
	ic8h18+oh=bbdtmpe3+h2o	1.34E+06	2.0	-1132.0
	ic8h18+oh=bddtmpe2+h2o	1.70E+06	1.9	-1451.0
5505.	ic8h18+oh=bddtmpe1+h2o	1.78E+07	1.8	1431.0
5506.	ic8h18+o=bbdtmpe1+oh	1.24E+03	3.5	3092.1
5507.	ic8h18+o=bbdtmpe3+oh	1.13E+03	3.3	1653.3
5508.	ic8h18+o=bddtmpe2+oh	2.51E+08	1.1	1631.5
	ic8h18+o=bddtmpe1+oh	8.28E+02	3.5	3092.1
	ic8h18+h=bbdtmpe1+h2	8.40E+07	2.0	7700.0
	ic8h18+h=bbdtmpe3+h2	9.10E+06	2.0	5000.0
	ic8h18+h=bddtmpe2+h2	5.00E+13	0.0	7300.0
	ic8h18+h=bddtmpe1+h2	5.60E+07	2.0	7700.0
5514.	ic8h18+ch3=bbdtmpe1+ch4	1.95E+12	0.0	11600.0
5515.	ic8h18+ch3=bbdtmpe3+ch4	4.00E+11	0.0	9500.0
5516.	ic8h18+ch3=bddtmpe2+ch4	1.00E+11	0.0	7900.0
	ic8h18+ch3=bddtmpe1+ch4	1.30E+12	0.0	11600.0
	ic8h18+c2h5=bbdtmpe1+c2h6	1.50E+11	0.0	13400.0
	ic8h18+c2h5=bbdtmpe3+c2h6	5.00E+10	0.0	10400.0
	ic8h18+c2h5=bddtmpe2+c2h6		0.0	
		1.00E+11		7900.0
	ic8h18+c2h5=bddtmpe1+c2h6	1.00E+11	0.0	13400.0
	ic8h18+c2h3=bbdtmpe1+c2h4	1.50E+12	0.0	18000.0
5523.	ic8h18+c2h3=bbdtmpe3+c2h4	4.00E+11	0.0	16800.0
5524.	ic8h18+c2h3=bddtmpe2+c2h4	2.00E+11	0.0	14300.0
5525.	ic8h18+c2h3=bddtmpe1+c2h4	1.00E+12	0.0	18000.0
5526.	ic8h18+tc3h5=bbdtmpe1+c3h6	1.50E+12	0.0	18000.0
	ic8h18+tc3h5=bbdtmpe3+c3h6	4.00E+11	0.0	16800.0
	ic8h18+tc3h5=bddtmpe2+c3h6	2.00E+11	0.0	14300.0
	ic8h18+tc3h5=bddtmpe1+c3h6	1.00E+12	0.0	18000.0
	ic8h18+ac3h5=bbdtmpe1+c3h6	1.50E+12	0.0	18000.0
	ic8h18+ac3h5=bbdtmpe3+c3h6	4.00E+11	0.0	16800.0
	ic8h18+ac3h5=bddtmpe2+c3h6	2.00E+11	0.0	14300.0
	ic8h18+ac3h5=bddtmpe1+c3h6	1.00E+12	0.0	18000.0
5534.	ic8h18+ic4h7=bbdtmpe1+ic4h8	1.50E+12	0.0	18000.0
5535.	ic8h18+ic4h7=bbdtmpe3+ic4h8	4.00E+11	0.0	16800.0
5536.	ic8h18+ic4h7=bddtmpe2+ic4h8	2.00E+11	0.0	14300.0
	ic8h18+ic4h7=bddtmpe1+ic4h8	1.00E+12	0.0	18000.0
	ic8h18+pc4h9=bbdtmpe1+c4h10	1.50E+11	0.0	13400.0
	ic8h18+pc4h9=bbdtmpe3+c4h10	5.00E+10	0.0	10400.0
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	ic8h18+pc4h9=bddtmpe2+c4h10	1.00E+11	0.0	7900.0
	ic8h18+pc4h9=bddtmpe1+c4h10	1.00E+11	0.0	13400.0
	ic8h18+ch3o=bbdtmpe1+ch3oh	4.75E+11	0.0	7000.0
5543.	ic8h18+ch3o=bbdtmpe3+ch3oh	1.10E+12	0.0	5000.0
5544.	ic8h18+ch3o=bddtmpe2+ch3oh	1.90E+10	0.0	2800.0
5545.	ic8h18+ch3o=bddtmpe1+ch3oh	3.20E+11	0.0	7000.0
	dddmpe2=c3h6+tc4h9	5.00E+12	0.0	28400.0
	dddmpe2=dddm1pe+h	3.00E+13	0.0	35350.0
	dddmpe2=dddm2pe+h	3.00E+13	0.0	38500.0
	dddmpe2+o2=dddm1pe+ho2	2.00E+12	0.0	5000.0
	dddmpe2+o2=dddm2pe+ho2	2.00E+12 2.00E+12	0.0	5000.0
555I.	dddmpe2+ho2=dddm1pe+h2o2	1.00E+12	0.0	0.0

5552.	dddmpe2+ho2=dddm2pe+h2o2	1.00E+12	0.0	2000.0
5553.	dddmpe2+oh=dddm1pe+h2o	1.20E+13	0.0	0.0
	dddmpe2+oh=dddm2pe+h2o	2.40E+13	0.0	0.0
	dddmpe2+o=dddm1pe+oh	3.33E+13	0.0	0.0
	dddmpe2+o=dddm2pe+oh	5.00E+13	0.0	0.0
	dddmpe2+h=dddm1pe+h2		0.0	
	<del>-</del>	5.00E+13		0.0
	dddmpe2+h=dddm2pe+h2	5.00E+13	0.0	0.0
	dddmpe2+ch3=dddm1pe+ch4	8.00E+11	0.0	0.0
	dddmpe2+ch3=dddm2pe+ch4	1.00E+12	0.0	0.0
5561.	dddmpe2+c2h3=dddm1pe+c2h4	1.60E+12	0.0	0.0
5562.	dddmpe2+c2h3=dddm2pe+c2h4	1.00E+12	0.0	0.0
5563.	dddmpe2+c2h5=dddm1pe+c2h6	1.60E+12	0.0	0.0
	dddmpe2+c2h5=dddm2pe+c2h6	1.00E+12	0.0	0.0
	dddmpe2+ic4h7=dddm1pe+ic4h8	1.00E+12	0.0	0.0
	dddmpe2+ic4h7=dddm2pe+ic4h8	1.00E+12	0.0	0.0
	dddmpe2+Cc4h7-1=dddm1pe+c4h8	1.00E+12	0.0	0.0
	dddmpe2+Cc4h7-1=dddm2pe+c4h8	1.00E+12	0.0	0.0
	bddmpe2=ic4h8+ic3h7	5.00E+12	0.0	28400.0
	bddmpe2=bddm1pe+h	3.00E+13	0.0	37270.0
5571.	bddmpe2=bddm2pe+h	3.00E+13	0.0	34800.0
5572.	bddmpe2+o2=bddm1pe+ho2	2.00E+12	0.0	5000.0
5573.	bddmpe2+o2=bddm2pe+ho2	2.00E+12	0.0	5000.0
	bddmpe2+ho2=bddm1pe+h2o2	1.81E+13	0.0	0.0
	bddmpe2+ho2=bddm2pe+h2o2	1.81E+13	0.0	0.0
	bddmpe2+oh=bddm1pe+h2o	1.21E+13	0.0	0.0
	bddmpe2+oh=bddm2pe+h2o		0.0	
		1.80E+13		0.0
	bddmpe2+o=bddm1pe+oh	1.21E+14	0.0	0.0
	bddmpe2+o=bddm2pe+oh	1.81E+14	0.0	0.0
	bddmpe2+h=bddm1pe+h2	3.61E+12	0.0	0.0
5581.	bddmpe2+h=bddm2pe+h2	5.42E+12	0.0	0.0
5582.	bddmpe2+ch3=bddm1pe+ch4	8.40E+12	0.0	-596.0
5583.	bddmpe2+ch3=bddm2pe+ch4	1.26E+13	0.0	-596.0
5584.	bddmpe2+ic4h7=bddm1pe+ic4h8	8.40E+12	0.0	-596.0
	bddmpe2+ic4h7=bddm2pe+ic4h8	1.26E+13	0.0	-596.0
	bddmpe2+c2h3=bddm1pe+c2h4	1.46E+14	-0.8	0.0
	bddmpe2+c2h3=bddm2pe+c2h4	2.20E+14	-0.8	0.0
	bbdtmpe1=ic4h8+ic4h9	5.00E+12	0.0	28000.0
	bbdtmpe1=bddm1pe+ch3	2.00E+13	0.0	31000.0
		2.00E+13 2.00E+13	0.0	
	bbdtmpe3=dddm2pe+ch3			31000.0
	bbdtmpe3=bddm2pe+ch3	2.00E+13	0.0	31000.0
	bddtmpe2=tc4h9+ic4h8	5.00E+13	0.0	34500.0
	bddtmpe1=dddm1pe+ch3	2.00E+13	0.0	31000.0
5594.	bddtmpe1=nec5h11+c3h6	1.30E+13	0.0	29500.0
5595.	bbdtmpe1=bddtmpe2	1.00E+11	0.0	16100.0
5596.	bbdtmpe1=bddtmpe1	6.00E+11	0.0	14100.0
5597.	bbdtmpe3+o2=i2c8h16+ho2	5.00E+11	0.0	5000.0
5598.	bddtmpe2+o2=i2c8h16+ho2	1.00E+12	0.0	5000.0
	bddtmpe2+o2=i1c8h16+ho2	1.00E+12	0.0	5000.0
	bddtmpe1+o2=i1c8h16+ho2	1.00E+12	0.0	5000.0
	bbdtmpe3+ho2=i2c8h16+h2o2	1.00E+12	0.0	0.0
	bddtmpe2+ho2=i2c8h16+h2o2	1.00E+12	0.0	0.0
	bddtmpe2+ho2=i1c8h16+h2o2	1.00E+12	0.0	0.0
	bddtmpe1+ho2=i1c8h16+h2o2	1.00E+12	0.0	0.0
	bbdtmpe3+oh=i2c8h16+h2o	2.00E+13	0.0	0.0
	bddtmpe2+oh=i2c8h16+h2o	2.00E+13	0.0	0.0
5607.	bddtmpe2+oh=i1c8h16+h2o	2.00E+13	0.0	0.0
5608.	bddtmpe1+oh=i1c8h16+h2o	2.00E+13	0.0	0.0
	bbdtmpe3+o=i2c8h16+oh	3.00E+13	0.0	0.0
	bddtmpe2+o=i2c8h16+oh	3.00E+13	0.0	0.0
	bddtmpe2+o=i1c8h16+oh	3.00E+13	0.0	0.0
	bddtmpe1+o=i1c8h16+oh	3.00E+13	0.0	0.0
JU12.	2440mp01.0-1100m10.0m	5.000115	0.0	0.0

5613.	bbdtmpe3+h=i2c8h16+h2	5.00E+13	0.0	0.0
5614.	bddtmpe2+h=i2c8h16+h2	5.00E+13	0.0	0.0
5615.	bddtmpe2+h=i1c8h16+h2	5.00E+13	0.0	0.0
5616.	bddtmpe1+h=i1c8h16+h2	5.00E+13	0.0	0.0
5617.	bbdtmpe3=i2c8h16+h	1.00E+13	0.0	38000.0
5618.	bddtmpe2=i2c8h16+h	1.00E+13	0.0	38000.0
	bddtmpe2=i1c8h16+h	1.00E+13	0.0	38000.0
	bddtmpel=i1c8h16+h	1.00E+13	0.0	38000.0
	i1c8h16+h=ic8h15+h2	3.70E+13	0.0	3900.0
	i1c8h16+o=ic8h15+oh	3.70E+13	0.0	3900.0
	i1c8h16+oh=ic8h15+h2o	3.70E+13	0.0	3900.0
	i1c8h16+ch3=ic8h15+ch4	2.00E+12	0.0	7300.0
	ilc8h16+ic4h7=ic8h15+ic4h8		0.0	7300.0
	ilc8h16+oh=aceton+nec5h11	2.00E+12		
		1.00E+11	0.0	-4000.0
	i2c8h16+h=ic8h15+h2	3.70E+13	0.0	3900.0
	i2c8h16+o=ic8h15+oh	3.70E+13	0.0	3900.0
	i2c8h16+oh=ic8h15+h2o	3.70E+13	0.0	3900.0
	i2c8h16+ch3=ic8h15+ch4	2.00E+12	0.0	7300.0
	i2c8h16+ic4h7=ic8h15+ic4h8	2.00E+12	0.0	7300.0
5632.	i2c8h16+oh=ch2o+pc7h15	1.00E+11	0.0	-4000.0
5633.	i2c8h16+o=>ch2o+nec5h11+c2h3	1.00E+11	0.0	-1050.0
5634.	ic8h15=ic4h8+ic4h7	4.51E+24	-3.0	54010.0
5635.	ic8h15+o2=>ic4h7+ic4h7+ho2	2.00E+12	0.0	15000.0
5636.	ic8h15+o2=>aceton+ic4h7+ch2o	1.00E+13	0.0	-250.0
5637.	pc7h15=tc4h9+c3h6	3.52E+21	-2.2	28120.0
	pc7h15=>ic4h8+c3h6+h	3.32E+15	-0.5	38750.0
	Declared duplicate reaction			
5639	pc7h15=>ic4h8+c3h6+h	2.78E+15	-0.7	38200.0
3033.	Declared duplicate reaction	2.702.13	0.7	30200.0
5640	ilc8h16=nec5h11+tc3h5	2.50E+16	0.0	71000.0
	ilc8h16=ch3+dddm1pe2	2.50E+16	0.0	71000.0
	i2c8h16=ic4h7+tc4h9	2.50E+16 2.50E+16	0.0	71000.0
			0.0	
	i2c8h16=ch3+dddm2pe2	2.50E+16		71000.0
	bddmlpe=ic4h7+ic3h7	1.00E+16	0.0	71000.0
	bddm1pe=ic4h9+tc3h5	1.00E+16	0.0	97900.0
	bddm1pe=bddm1pe3+h	1.26E+15	0.0	81630.0
	bddmlpe=dm2mylpe+h	5.00E+16	0.0	88000.0
	bddm1pe+o2=bddm1pe3+ho2	2.00E+13	0.0	33140.0
	bddm1pe+o2=dm2my1pe+ho2	1.25E+13	0.0	37530.0
	bddm1pe+ho2=bddm1pe3+h2o2	2.44E+12	0.0	17000.0
5651.	bddm1pe+ho2=dm2my1pe+h2o2	4.00E+12	0.0	19400.0
5652.	bddm1pe+ho2=>oc7h14+oh	1.00E+12	0.0	14964.0
5653.	oc7h14=>tc3h5+ic3h7+ch2o	6.00E+13	0.0	57200.0
5654.	bddm1pe+oh=bddm1pe3+h2o	4.70E+07	1.6	-35.0
5655.	bddm1pe+oh=dm2my1pe+h2o	5.25E+09	1.0	1590.0
	bddm1pe+oh=>ic3h7+tc3h5+ch2oh	7.00E+11	0.0	-928.0
	bddm1pe+o=bddm1pe3+oh	4.70E+05	2.5	2230.0
	bddmlpe+o=dm2my1pe+oh	2.20E+06	2.4	5500.0
	bddm1pe+o=>ac3h5+ic3h7+ch2o	1.00E+08	1.4	530.0
	bddmlpe+o=>c3h6+ic3h7+hco	1.00E+08	1.4	530.0
	bddm1pe+h=bddm1pe3+h2	9.10E+06	2.0	5000.0
	bddm1pe+h=dm2my1pe+h2	2.80E+07	2.0	7700.0
	bddm1pe+ch3=bddm1pe3+ch4	4.00E+11	0.0	
				9500.0
	bddm1pe+ch3=dm2my1pe+ch4	6.60E+11	0.0	11600.0
	bddm1pe+c2h3=bddm1pe3+c2h4	4.00E+11	0.0	16800.0
	bddm1pe+c2h3=dm2my1pe+c2h4	5.00E+11	0.0	18000.0
	bddm1pe+c2h5=bddm1pe3+c2h6	5.00E+10	0.0	13400.0
	bddm1pe+c2h5=dm2my1pe+c2h6	5.00E+10	0.0	13400.0
	bddmlpe+Cc4h7-1=bddmlpe3+c4h8	4.00E+11	0.0	16800.0
	bddm1pe+Cc4h7-1=dm2my1pe+c4h8	5.00E+11	0.0	18000.0
5671.	bddm1pe+M=bddm1pe1+h+M	1.50E+17	0.0	96560.0

5672.	bddm1pe+o2=bddm1pe1+ho2	2.00E+13	0.0	61500.0
5673.	bddm1pe+oh=bddm1pe1+h2o	1.00E+13	0.0	5936.0
	bddmlpe+o=bddmlpe1+oh	1.20E+11	0.7	7633.0
	bddmlpe+h=bddmlpe1+h2	5.00E+13	0.0	15000.0
	bddmlpe+ch3=bddmlpe1+ch4	4.50E+12	0.0	11128.0
5677.	bddm1pe+c2h3=bddm1pe1+c2h4	4.50E+12	0.0	16000.0
5678.	bddm1pe+ac3h5=bddm1pe1+c3h6	4.50E+12	0.0	16000.0
5679.	bddm1pe1+o2=>ch3co+ic4h9+hco	4.00E+12	0.0	-250.0
	bddm2pe=bme2pe4+ch3	1.00E+16	0.0	71000.0
	bddm2pe=bddm2pe1+h	1.00E+16	0.0	82600.0
	bddm2pe=bddm3pe2+h	1.00E+16	0.0	77400.0
	bddm2pe+o2=bddm2pe1+ho2	1.25E+13	0.0	28560.0
5684.	bddm2pe+o2=bddm3pe2+ho2	2.00E+13	0.0	27800.0
5685.	bddm2pe+ho2=bddm2pe1+h2o2	8.00E+11	0.0	19400.0
5686.	bddm2pe+ho2=bddm3pe2+h2o2	2.16E+12	0.0	14400.0
	bddm2pe+ho2=>oc7h14+oh	1.00E+12	0.0	14964.0
	oc7h14=>aceton+ic4h8	6.00E+13	0.0	57200.0
	bddm2pe+oh=bddm2pe1+h2o	5.25E+09	1.0	1590.0
	bddm2pe+oh=bddm3pe2+h2o	5.73E+10	0.5	63.0
5691.	bddm2pe+oh=>aceton+c3h6+ch3	7.00E+11	0.0	-928.0
5692.	bddm2pe+o=bddm2pe1+oh	2.20E+06	2.4	5500.0
5693.	bddm2pe+o=bddm3pe2+oh	1.10E+13	0.0	3280.0
	bddm2pe+o=>aceton+ic4h8	1.00E+08	1.4	530.0
	bddm2pe+o=>c3h6+ic3h7+hco	1.00E+08	1.4	530.0
	_			
	bddm2pe+h=bddm2pe1+h2	2.80E+07	2.0	7700.0
	bddm2pe+h=bddm3pe2+h2	1.26E+14	0.0	7303.0
5698.	bddm2pe+ch3=bddm2pe1+ch4	6.50E+11	0.0	11600.0
5699.	bddm2pe+ch3=bddm3pe2+ch4	1.00E+11	0.0	7900.0
5700.	bddm2pe+c2h3=bddm2pe1+c2h4	5.00E+11	0.0	18000.0
	bddm2pe+c2h3=bddm3pe2+c2h4	2.00E+11	0.0	14300.0
	bddm2pe+c2h5=bddm2pe1+c2h6	5.00E+10	0.0	13400.0
			0.0	
	bddm2pe+c2h5=bddm3pe2+c2h6	1.00E+11		7900.0
	bddm2pe+Cc4h7-1=bddm2pe1+c4h8	5.00E+11	0.0	18000.0
	bddm2pe+Cc4h7-1=bddm3pe2+c4h8	2.00E+11	0.0	14300.0
5706.	bddm2pe=bddm2pe3+h	7.50E+16	0.0	96560.0
5707.	bddm2pe+o2=bddm2pe3+ho2	1.00E+13	0.0	55100.0
5708.	bddm2pe+oh=bddm2pe3+h2o	5.00E+12	0.0	5936.0
	bddm2pe+o=bddm2pe3+oh	6.00E+10	0.7	7633.0
	bddm2pe+h=bddm2pe3+h2	2.50E+13	0.0	15000.0
	bddm2pe+ch3=bddm2pe3+ch4	2.30E+12	0.0	11128.0
	bddm2pe+c2h3=bddm2pe3+c2h4	2.30E+12	0.0	16000.0
	bddm2pe+ac3h5=bddm2pe3+c3h6	2.30E+12	0.0	16000.0
5714.	bddm2pe3+o2=>bmepryl+aceton	4.00E+12	0.0	-250.0
5715.	dddmlpe=ac3h5+tc4h9	1.00E+16	0.0	71000.0
5716.	dddm1pe=nec5h11+c2h3	1.00E+16	0.0	71000.0
	dddmlpe=dddmlpe3+h	1.26E+15	0.0	82400.0
	dddm1pe+o2=dddm1pe3+ho2	2.00E+13	0.0	33140.0
	<u>-</u>			
	dddm1pe+ho2=dddm1pe3+h2o2	2.44E+12	0.0	17000.0
	dddmlpe+ho2=>oc7h14+oh	1.00E+12	0.0	14964.0
5721.	dddm1pe+oh=dddm1pe3+h2o	4.70E+07	1.6	-35.0
5722.	bddm2pe+oh=>ch2o+c2h4+tc4h9	7.00E+11	0.0	-928.0
5723.	dddm1pe+o=dddm1pe3+oh	4.70E+05	2.5	2230.0
	dddmlpe+o=c2h3+tc4h9+ch2o	1.00E+08	1.4	530.0
	dddmlpe+o=c2h4+tc4h9+hco	1.00E+08	1.4	530.0
	dddmlpe+h=dddmlpe3+h2		2.0	
		9.10E+06		5000.0
	dddm1pe+ch3=dddm1pe3+ch4	4.00E+11	0.0	9500.0
	dddmlpe+c2h3=dddmlpe3+c2h4	4.00E+11	0.0	16800.0
	dddm1pe+c2h5=dddm1pe3+c2h6	5.00E+10	0.0	13400.0
5730.	dddm1pe+ac3h5=dddm1pe3+c3h6	4.00E+11	0.0	16800.0
5731.	dddmlpe+ic4h7=dddmlpe3+ic4h8	4.00E+11	0.0	16800.0
	dddmlpe+Cc4h7-1=dddmlpe3+c4h8	4.00E+11	0.0	16800.0
- · • • •	F = 11 = 333			

5733.	dddm1pe+M=dddm1pe2+h+M	2.00E+17	0.0	96560.0
5734.	dddm1pe+o2=dddm1pe2+ho2	2.70E+13	0.0	60800.0
5735.	dddm1pe+oh=dddm1pe2+h2o	1.40E+13	0.0	5936.0
	dddm1pe+o=dddm1pe2+oh	1.60E+11	0.7	7633.0
	dddm1pe+h=dddm1pe2+h2	7.00E+13	0.0	15000.0
	dddm1pe+ch3=dddm1pe2+ch4	6.00E+12	0.0	11128.0
	dddm1pe+c2h3=dddm1pe2+c2h4	6.00E+12	0.0	16000.0
	dddmlpe+ac3h5=dddmlpe2+c3h6	6.00E+12	0.0	16000.0
	dddm1pe2+o2=>nec5h11+hco+hco	4.00E+12	0.0	-250.0
	dddm2pe=tc4h9+sc3h5	1.00E+16	0.0	
	<del>-</del>			71000.0
	dddm2pe=dddm2pe1+h	5.00E+16	0.0	80000.0
	dddm2pe+o2=dddm2pe1+ho2	1.25E+13	0.0	34660.0
	dddm2pe+ho2=dddm2pe1+h2o2	4.80E+12	0.0	38500.0
	dddm2pe+ho2=>oc7h14+oh	1.00E+12	0.0	14964.0
	oc7h14=>tc4h9+c2h4+hco	6.00E+13	0.0	57200.0
	oc7h14=>tc4h9+c2h3+ch2o	6.00E+13	0.0	57200.0
5749.	oc7h14=>nec5h11+ch2hco	6.00E+13	0.0	57200.0
5750.	dddm2pe+oh=dddm2pe1+h2o	5.25E+09	1.0	1590.0
5751.	dddm2pe+oh=>nec5h11+ch3hco	7.00E+11	0.0	-928.0
5752.	dddm2pe+o=dddm2pe1+oh	2.20E+06	2.4	5500.0
	dddm2pe+o=c2h4+tc4h9+hco	1.00E+08	1.4	530.0
	dddm2pe+o=ch3hco+ic4h7+ch3	1.00E+08	1.4	530.0
	dddm2pe+o=nec5h11+ch2hco	1.00E+08	1.4	530.0
	dddm2pe+h=dddm2pe1+h2	2.80E+07	2.0	7700.0
	dddm2pe+ch3=dddm2pe1+ch4	6.50E+11	0.0	11600.0
	dddm2pe+c2h3=dddm2pe1+c2h4	5.00E+11	0.0	18000.0
	dddm2pe+c2h5=dddm2pe1+c2h6	5.00E+11	0.0	13400.0
	dddm2pe+ac3h5=dddm2pe1+c3h6	5.00E+10 5.00E+11	0.0	18000.0
	dddm2pe+ic4h7=dddm2pe1+ic4h8	5.00E+11	0.0	18000.0
	dddm2pe+Cc4h7-1=dddm2pe1+c4h8	5.00E+11	0.0	18000.0
	dddm2pe+M=dddm2pe2+h+M	1.50E+17	0.0	96560.0
	dddm2pe+o2=dddm2pe2+ho2	2.00E+13	0.0	55500.0
	dddm2pe+oh=dddm2pe2+h2o	1.00E+13	0.0	5936.0
	dddm2pe+o=dddm2pe2+oh	1.20E+11	0.7	7633.0
	dddm2pe+h=dddm2pe2+h2	5.00E+13	0.0	15000.0
	dddm2pe+ch3=dddm2pe2+ch4	4.50E+12	0.0	11128.0
5769.	dddm2pe+c2h3=dddm2pe2+c2h4	4.50E+12	0.0	16000.0
5770.	dddm2pe+ac3h5=dddm2pe2+c3h6	4.50E+12	0.0	16000.0
5771.	dddm2pe2+o2=>ch3co+tc4h9+hco	4.00E+12	0.0	-250.0
5772.	dddm2pe2+o2=>ch3hco+tc4h9+co	4.00E+12	0.0	-250.0
5773.	dddm2pe1+ho2=>acrol+tc4h9+oh	7.50E+11	0.0	0.0
	dddm1pe2=tc4h9+ac3h4	2.50E+13	0.0	45300.0
	bddmlpe3=>tc3h5+sc3h5+ch3	2.50E+13	0.0	45300.0
	bddmlpe3+ho2=>metacrol+ic3h7+oh	7.50E+11	0.0	0.0
	bme2pe4=>ic4h7+c2h3+h	2.50E+13	0.0	45300.0
	bme2pe4+ho2=>ic4h7+ch3hco+oh	7.50E+11	0.0	0.0
	dddm1pe3=ic4h7+c2h3+ch3	2.50E+13	0.0	45300.0
	dddm1pe3+ho2=>acrol+tc4h9+oh	7.50E+11	0.0	
	<del>-</del>			0.0
	dm2my1pe=ic4h9+ac3h4	2.50E+13	0.0	45300.0
	dm2my1pe+ho2=>metacrol+ic3h7+oh	7.50E+11	0.0	0.0
	bddm3pe2=ic3h7+c3h3+ch3	2.50E+13	0.0	45300.0
	bddm2pe1+ho2=>metacrol+ic3h7+oh	7.50E+11	0.0	0.0
	bddm3pe2+ho2=>aceton+ic4h7+oh	7.50E+11	0.0	0.0
	bddm2pe3+ho2=>aceton+ic4h7+oh	7.50E+11	0.0	0.0
	dddm1pe2+ho2=>nec5h11+ch2co+oh	7.50E+11	0.0	0.0
	dddm2pe2+ho2=>acrol+tc4h9+oh	7.50E+11	0.0	0.0
	dddm1pe+h=nec5h11+c2h4	7.23E+12	0.0	1302.0
5790.	bddm1pe+h=ic4h9+c3h6	7.23E+12	0.0	1302.0
5791.	bddm2pe+h=ic3h7+ic4h8	7.23E+12	0.0	1302.0
5792.	dddm2pe+h=tc4h9+c3h6	7.23E+12	0.0	1302.0
	hxol=h+hxol1j	6.00E+15	0.0	95000.0
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5794.	hxol=h+hxol2j	6.00E+15	0.0	98706.0
5795.	hxol=h+hxol3j	6.00E+15	0.0	98706.0
	hxol=h+hxol4j	6.00E+15	0.0	98706.0
	hxol=h+hxol5j	6.00E+15	0.0	98706.0
	hxol=h+hxol6j	9.00E+15	0.0	100906.0
	hxol=h+c6h13ojA	5.60E+13	0.0	103980.5
5800.	hxol=Ac6h13+oh	4.20E+15	0.0	94164.8
5801.	hxol=Ac5h11+ch2oh	2.30E+16	0.0	86239.6
	hxol=nc3h7+ch2ch2ch2oh	3.80E+16	0.0	85856.1
	hxol=pc4h9+pc2h4oh	1.00E+17	0.0	87176.5
	hxol=c2h5+blol4j	2.60E+16	0.0	86538.8
	hxol=ch3+pe1ol5j	4.90E+16	0.0	88409.1
5806.	hxol+o2=ho2+hxol1j	1.40E+10	0.0	45935.0
5807.	hxol+o2=ho2+hxol2j	1.40E+10	0.0	49097.5
5808.	hxol+o2=ho2+hxol3j	1.40E+10	0.0	49097.5
	hxol+o2=ho2+hxol4j	1.40E+10	0.0	49097.5
	hxol+o2=ho2+hxol5j	1.40E+10	0.0	49097.5
	hxol+o2=ho2+hxol6j	2.10E+10	0.0	51296.5
	hxol+o=oh+c6h13ojA	1.46E-03	4.7	1726.9
5813.	hxol+o=oh+hxol1j	1.45E+05	2.5	876.4
5814.	hxol+o=oh+hxol6j	5.10E+13	0.0	7850.0
5815.	hxol+o=oh+hxol5j	2.60E+13	0.0	5200.0
	hxol+o=oh+hxol4j	2.60E+13	0.0	5200.0
	hxol+o=oh+hxol3j	2.60E+13	0.0	5200.0
	hxol+o=oh+hxol2j	2.60E+13	0.0	5200.0
	hxol+h=h2+c6h13ojA	5.53E-23	10.6	-4459.0
5820.	hxol+h=h2+hxol1j	1.79E+05	2.5	3420.0
5821.	hxol+h=h2+hxol6j	2.90E+07	2.0	7700.0
5822.	hxol+h=h2+hxol2j	9.00E+06	2.0	5000.0
	hxol+h=h2+hxol5j	1.30E+06	2.4	4471.0
	hxol+h=h2+hxol4j	1.30E+06	2.4	4471.0
	hxol+h=h2+hxol3j	1.30E+06	2.4	4471.0
	hxol+oh=h2o+c6h13ojA	2.81E+02	3.0	-580.3
	hxol+oh=h2o+hxol1j	1.31E+05	2.4	-1456.6
5828.	hxol+oh=h2o+hxol6j	5.25E+09	1.0	1590.0
5829.	hxol+oh=h2o+hxol5j	4.68E+07	1.6	-35.0
5830.	hxol+oh=h2o+hxol4j	4.68E+07	1.6	-35.0
	hxol+oh=h2o+hxol3j	4.68E+07	1.6	-35.0
	hxol+oh=h2o+hxol2j	4.68E+07	1.6	-35.0
	hxol+ho2=h2o2+hxol1j	8.20E+03	2.5	10750.0
	hxol+ho2=h2o2+c6h13ojA	2.50E+12	0.0	24000.0
	hxol+ho2=h2o2+hxol6j	6.00E+11	0.0	17000.0
5836.	hxol+ho2=h2o2+hxol5j	4.00E+11	0.0	15500.0
5837.	hxol+ho2=h2o2+hxol4j	4.00E+11	0.0	15500.0
	hxol+ho2=h2o2+hxol3j	4.00E+11	0.0	15500.0
	hxol+ho2=h2o2+hxol2j	4.00E+11	0.0	15500.0
	hxol+ch3=ch4+c6h13ojA	2.04E+00	3.6	7722.3
	hxol+ch3=ch4+hxol1j	1.99E+01	3.4	7634.8
	hxol+ch3=ch4+hxol6j	3.00E-01	4.0	8200.0
5843.	hxol+ch3=ch4+hxol5j	2.00E+11	0.0	9600.0
5844.	hxol+ch3=ch4+hxol4j	2.00E+11	0.0	9600.0
	hxol+ch3=ch4+hxol3j	2.00E+11	0.0	9600.0
	hxol+ch3=ch4+hxol2j	2.00E+11	0.0	9600.0
	hxol+hco=ch2o+hxol1j	1.00E+07	1.9	17000.0
	hxol+hco=ch2o+c6h13ojA	3.40E+04	2.5	13500.0
	hxol+hco=ch2o+hxol6j	1.00E+05	2.5	18500.0
5850.	hxol+hco=ch2o+hxol5j	1.00E+07	1.9	17000.0
5851.	hxol+hco=ch2o+hxol4j	1.00E+07	1.9	17000.0
	hxol+hco=ch2o+hxol3j	1.00E+07	1.9	17000.0
	hxol+hco=ch2o+hxol2j	1.00E+07	1.9	17000.0
	hxol+ch2oh=ch3oh+hxol1j	6.00E+01	3.0	12000.0
5551.		3.000.01	3.0	12000.0

5855.	hxol+ch2oh=ch3oh+c6h13ojA	1.20E+02	2.8	10800.0
	hxol+ch2oh=ch3oh+hxol6j	9.90E+01	3.0	14000.0
	hxol+ch2oh=ch3oh+hxol5j		3.0	12000.0
	5	6.00E+01		
	hxol+ch2oh=ch3oh+hxol4j	6.00E+01	3.0	12000.0
5859.	hxol+ch2oh=ch3oh+hxol3j	6.00E+01	3.0	12000.0
5860.	hxol+ch2oh=ch3oh+hxol2j	6.00E+01	3.0	12000.0
	hxol+ch3o=ch3oh+hxol1j	1.50E+11	0.0	4500.0
	hxol+ch3o=ch3oh+c6h13ojA	2.30E+10	0.0	2900.0
	hxol+ch3o=ch3oh+hxol6j	1.60E+11	0.0	7300.0
5864.	hxol+ch3o=ch3oh+hxol5j	1.50E+11	0.0	4500.0
5865.	hxol+ch3o=ch3oh+hxol4j	1.50E+11	0.0	4500.0
5866.	hxol+ch3o=ch3oh+hxol3j	1.50E+11	0.0	4500.0
	hxol+ch3o=ch3oh+hxol2j	1.50E+11	0.0	4500.0
	hxol+ch3o2=ch3o2h+hxol1j	3.00E+12	0.0	17500.0
5869.	hxol+ch3o2=ch3o2h+c6h13ojA	1.50E+12	0.0	15000.0
5870.	hxol+ch3o2=ch3o2h+hxol6j	6.00E+12	0.0	20000.0
5871.	hxol+ch3o2=ch3o2h+hxol5j	3.00E+12	0.0	17500.0
	hxol+ch3o2=ch3o2h+hxol4j	3.00E+12	0.0	17500.0
	<del>-</del>		0.0	
	hxol+ch3o2=ch3o2h+hxol3j	3.00E+12		17500.0
	hxol+ch3o2=ch3o2h+hxol2j	3.00E+12	0.0	17500.0
5875.	hxol+c2h5=c2h6+hxol1j	2.00E+11	0.0	11000.0
5876.	hxol+c2h5=c2h6+c6h13ojA	1.00E+11	0.0	9200.0
	hxol+c2h5=c2h6+hxol6j	3.00E+11	0.0	13500.0
	hxol+c2h5=c2h6+hxol5j	2.00E+11	0.0	11000.0
	hxol+c2h5=c2h6+hxol4j	2.00E+11	0.0	11000.0
	hxol+c2h5=c2h6+hxol3j	2.00E+11	0.0	11000.0
5881.	hxol+c2h5=c2h6+hxol2j	2.00E+11	0.0	11000.0
	hxol1j=hxol4j	3.60E+08	1.1	20372.7
	Reverse Arrhenius coefficients:	9.02E+08	0.9	17627.9
E002				
5883.	hxol1j=hxol5j	9.65E+07	1.0	15138.0
	Reverse Arrhenius coefficients:	1.02E+08	1.0	12262.0
5884.	hxol1j=hxol6j	1.97E+07	1.0	21275.8
	Reverse Arrhenius coefficients:	3.17E+07	1.0	16924.4
5885.	hxol6j=hxol3j	4.57E+08	1.0	18196.5
	Reverse Arrhenius coefficients:	1.08E+09	1.0	19803.7
E006	hxol6j=hxol2j	7.93E+07	1.0	12896.5
5000.				
	Reverse Arrhenius coefficients:	1.85E+08	1.0	14503.7
5887.	hxol5j=hxol2j	3.70E+08	1.1	18934.1
	Reverse Arrhenius coefficients:	8.79E+08	0.9	19065.9
5888.	hxollj=ch3hco+pc4h9	2.00E+13	0.0	28700.0
	hxol6j=blol4j+c2h4	2.00E+13	0.0	28700.0
	hxol5j=ch2ch2ch+c3h6	2.00E+13	0.0	28700.0
	hxol4j=ch3+pelol4e			
		2.00E+13	0.0	31000.0
	hxol3j=c2h5+b1ol3e	2.00E+13	0.0	28700.0
5893.	hxol3j=ch2oh+c5h10	2.00E+13	0.0	28700.0
5894.	hxol2j=nc3h7+c2h3ch2oh	2.00E+13	0.0	28700.0
	oh+c6h12-1=hxol2j	9.93E+11	0.0	-960.0
	c6h13ojA+m=c5h11hco+h+m	1.16E+35	-5.9	25274.0
	hxollj+m=c5hllhco+h+m	1.00E+14	0.0	25000.0
	hxol2j=hxol2e+h	1.20E+13	0.0	35602.0
5899.	hxol2j=c5h11hco+h	1.20E+13	0.0	37412.1
5900.	hxol3j=hxol3e+h	1.20E+13	0.0	34252.1
	hxol3j=hxol2e+h	1.20E+13	0.0	37412.1
	hxol4j=hxol4e+h	1.20E+13	0.0	
				34322.1
	hxol4j=hxol3e+h	1.20E+13	0.0	34252.1
	hxol5j=hxol4e+h	1.20E+13	0.0	34322.1
5905.	hxol5j=hxol5e+h	1.80E+13	0.0	37082.1
	hxol6j=hxol5e+h	1.20E+13	0.0	34882.3
	hxollj+o2=c5h11hco+ho2	1.00E+13	0.0	5564.0
	c6h13ojA+o2=c5h11hco+ho2	4.00E+10	0.0	
				1100.0
5909.	hxol6j+o2=hxol5e+ho2	1.80E+10	0.0	-2000.0

5910.	hxol5j+o2=hxol4e+ho2	1.80E+10	0.0	-2000.0
5911.	hxol5j+o2=hxol5e+ho2	1.80E+10	0.0	-2000.0
	hxol4j+o2=hxol4e+ho2	1.80E+10	0.0	-2000.0
	hxol4j+o2=hxol3e+ho2		0.0	
		1.80E+10		-2000.0
	hxol3j+o2=hxol3e+ho2	1.80E+10	0.0	-2000.0
5915.	hxol3j+o2=hxol2e+ho2	1.80E+10	0.0	-2000.0
5916.	hxol2j+o2=hxol2e+ho2	1.80E+10	0.0	-2000.0
5917.	hxol2j+o2=c5h11hco+ho2	1.80E+10	0.0	-2000.0
	c6h13ojA+co=co2+Ac6h13	4.68E+02	3.2	5380.0
	c6h13ojA+h=ch2oh+Ac5h11	3.00E+13	0.0	0.0
	c6h13ojA+oh=c5h11hco+h2o	1.00E+13	0.0	0.0
5921.	hxol1j+ho2=c5h11hco+h2o2	4.00E+13	0.0	0.0
5922.	hxol1j+oh=c5h11hco+h2o	5.00E+12	0.0	0.0
5923.	hxollj+o=c5hllhco+oh	1.00E+14	0.0	0.0
	hxol5e+oh=hxol4e6j+h2o	3.10E+06	2.0	-300.0
	hxol5e+o=hxol4e6j+oh	4.00E+13	0.0	4000.0
	hxol5e+h=hxol4e6j+h2		0.0	
		6.55E+12		4445.0
	hxol5e+ch3=hxol4e6j+ch4	2.00E+11	0.0	6800.0
	hxol5e+ho2=hxol4e6j+h2o2	1.00E+11	0.0	17060.0
5929.	hxol5e+oh=ch2o+pe1ol5j	1.00E+11	0.0	-4000.0
5930.	hxol5e+o=hco+pelol5j	1.00E+11	0.0	-1050.0
	hxol5e=ac3h5+ch2ch2ch2oh	8.00E+15	0.0	66425.0
	hxol5e=Dc4h7-1+pc2h4oh	1.00E+17	0.0	86270.0
	hxol5e=Ec5h9-1+ch2oh			84640.0
		1.00E+17	0.0	
	hxol5e+oh=hxol5e1j+h2o	1.31E+05	2.4	-1456.6
	hxol5e+o=hxol5e1j+oh	1.45E+05	2.5	876.4
5936.	hxol5e+h=hxol5e1j+h2	1.79E+05	2.5	3420.0
5937.	hxol5e+ch3=hxol5e1j+ch4	1.99E+01	3.4	7634.8
	hxol5e+ho2=hxol5e1j+h2o2	8.20E+03	2.5	10750.0
	hxol4e+oh=hxol4e6j+h2o	4.19E+06	2.0	-543.0
	<del>_</del>			
	hxol4e+o=hxol4e6j+oh	4.00E+13	0.0	4000.0
	hxol4e+h=hxol4e6j+h2	6.55E+12	0.0	4445.0
5942.	hxol4e+ch3=hxol4e6j+ch4	2.00E+11	0.0	6800.0
5943.	hxol4e+ho2=hxol4e6j+h2o2	1.00E+11	0.0	17060.0
5944.	hxol4e+oh=hxol3e5j+h2o	4.19E+06	2.0	-543.0
	hxol4e+o=hxol3e5j+oh	4.00E+13	0.0	4000.0
	hxol4e+h=hxol3e5j+h2	6.55E+12	0.0	4445.0
	hxol4e+ch3=hxol3e5j+ch4			6800.0
	<u> </u>	2.00E+11	0.0	
	hxol4e+ho2=hxol3e5j+h2o2	1.00E+11	0.0	17060.0
	hxol4e+oh=ch3hco+b1ol4j	1.00E+11	0.0	-4000.0
5950.	hxol4e+o=ch2hco+b1ol4j	1.00E+11	0.0	-1050.0
5951.	hxol4e+oh=c2h5+b1*o4ol	1.00E+11	0.0	-4000.0
5952.	hxol4e+o=c2h5+b1j*o4ol	1.00E+11	0.0	-1050.0
	hxol4e=Cc4h7-1+pc2h4oh	8.00E+15	0.0	70550.0
	hxol4e=Ec5h9-2+ch2oh			84570.0
		1.00E+17	0.0	
	hxol4e+oh=hxol4e1j+h2o	1.31E+05	2.4	-1456.6
	hxol4e+o=hxol4e1j+oh	1.45E+05	2.5	876.4
5957.	hxol4e+h=hxol4e1j+h2	1.79E+05	2.5	3420.0
5958.	hxol4e+ch3=hxol4e1j+ch4	1.99E+01	3.4	7634.8
	hxol4e+ho2=hxol4e1j+h2o2	8.20E+03	2.5	10750.0
	hxol3e+oh=hxol2e4j+h2o	4.19E+06	2.0	-543.0
	hxol3e+o=hxol2e4j+oh			
	<del>_</del>	4.00E+13	0.0	4000.0
	hxol3e+h=hxol2e4j+h2	6.55E+12	0.0	4445.0
	hxol3e+ch3=hxol2e4j+ch4	2.00E+11	0.0	6800.0
	hxol3e+ho2=hxol2e4j+h2o2	1.00E+11	0.0	17060.0
5965.	hxol3e+oh=hxol3e5j+h2o	4.19E+06	2.0	-543.0
	hxol3e+o=hxol3e5j+oh	4.00E+13	0.0	4000.0
	hxol3e+h=hxol3e5j+h2	6.55E+12	0.0	4445.0
	hxol3e+ch3=hxol3e5j+ch4	2.00E+11	0.0	6800.0
	hxol3e+ho2=hxol3e5j+h2o2	1.00E+11	0.0	17060.0
59/0.	hxol3e+oh=ethco+ch2ch2ch2oh	1.00E+11	0.0	-4000.0

5971.	hxol3e+o=c2h5co+ch2ch2ch2oh	1.00E+11	0.0	-1050.0
5972.	hxol3e+oh=nc3h7+hoc2h4hco	1.00E+11	0.0	-4000.0
	hxol3e+o=nc3h7+hoc2h4co	1.00E+11	0.0	-1050.0
	hxol3e=Cc5h9-1+ch2oh	8.00E+15	0.0	71400.0
	hxol3e+oh=hxol3e1j+h2o	1.31E+05	2.4	-1456.6
	<del>-</del>			876.4
	hxol3e+o=hxol3e1j+oh	1.45E+05	2.5	
	hxol3e+h=hxol3e1j+h2	1.79E+05	2.5	3420.0
	hxol3e+ch3=hxol3e1j+ch4	1.99E+01	3.4	7634.8
5979.	hxol3e+ho2=hxol3e1j+h2o2	8.20E+03	2.5	10750.0
5980.	hxol2e+oh=hxol2e4j+h2o	4.19E+06	2.0	-543.0
5981.	hxol2e+o=hxol2e4j+oh	4.00E+13	0.0	4000.0
	hxol2e+h=hxol2e4j+h2	6.55E+12	0.0	4445.0
	hxol2e+ch3=hxol2e4j+ch4	2.00E+11	0.0	6800.0
			0.0	
	hxol2e+ho2=hxol2e4j+h2o2	1.00E+11		17060.0
	hxol2e+oh=hxol2e1j+h2o	1.31E+05	2.4	-1456.6
	hxol2e+o=hxol2e1j+oh	1.45E+05	2.5	876.4
5987.	hxol2e+h=hxol2e1j+h2	1.79E+05	2.5	3420.0
5988.	hxol2e+ch3=hxol2e1j+ch4	1.99E+01	3.4	7634.8
5989.	hxol2e+ho2=hxol2e1j+h2o2	8.20E+03	2.5	10750.0
	hxol2e+oh=nc3h7hco+pc2h4oh	1.00E+11	0.0	-4000.0
	hxol2e+o=c3h7co+pc2h4oh	1.00E+11	0.0	-1050.0
	hxol2e+oh=pc4h9+hoch2hco	1.00E+11	0.0	-4000.0
	hxol2e+o=pc4h9+hoch2co	1.00E+11	0.0	-1050.0
	hxol2e=c2h5+b1ol2e4j	8.00E+15	0.0	67850.0
	hxol2e=Cc6h11-1+oh	8.00E+15	0.0	78850.0
5996.	hxol5e1j=ch3hco+Dc4h7-1	2.00E+13	0.0	28750.0
5997.	hxol5e1j+m=c5h9hco-1+h+m	1.00E+14	0.0	25000.0
5998.	hxol5e1j+o2=c5h9hco-1+ho2	1.00E+13	0.0	5564.0
	hxol5e1j+o=c5h9hco-1+oh	1.00E+14	0.0	0.0
	hxol5e1j+ho2=c5h9hco-1+2oh	4.00E+13	0.0	0.0
	hxol5elj+oh=c5h9hco-1+h2o	5.00E+12	0.0	0.0
			0.0	
	hxol4e1j=ch3hco+Cc4h7-1	2.00E+13		13030.0
	hxol4elj+m=c5h9hco-2+h+m	1.00E+14	0.0	25000.0
	hxol4e1j+o2=c5h9hco-2+ho2	1.00E+13	0.0	5564.0
	hxol4e1j+o=c5h9hco-2+oh	1.00E+14	0.0	0.0
6006.	hxol4e1j+ho2=c5h9hco-2+2oh	4.00E+13	0.0	0.0
6007.	hxol4e1j+oh=c5h9hco-2+h2o	5.00E+12	0.0	0.0
6008.	hxol3e1j=ch3hco+Ac4h7-1	2.00E+13	0.0	41590.0
6009.	hxol3e1j+m=c5h9hco-3+h+m	1.00E+14	0.0	25000.0
	hxol3e1j+o2=c5h9hco-3+ho2	1.00E+13	0.0	5564.0
	hxol3elj+o=c5h9hco-3+oh	1.00E+14	0.0	0.0
	hxol3elj+ho2=c5h9hco-3+2oh	4.00E+13	0.0	0.0
	hxol3elj+oh=c5h9hco-3+h2o	5.00E+12	0.0	0.0
	hxol4e6j=c4h6+pc2h4oh	2.00E+13	0.0	36400.0
	hxol3e5j=c5h8-13+ch2oh	2.00E+13	0.0	29160.0
6016.	c6h10-13+oh=hxol2e4j	9.93E+11	0.0	-960.0
6017.	hxol2e4j=ch3+pe1ol2e4e	2.00E+13	0.0	39090.0
6018.	c5h9hco-3+oh=h2o+c5h9co-3	2.69E+10	0.8	-340.0
	c5h9hco-3+h=h2+c5h9co-3	4.00E+13	0.0	4200.0
	c5h9hco-3+o=oh+c5h9co-3	5.00E+12	0.0	1790.0
	c5h9hco-3+ch3=ch4+c5h9co-3	1.70E+12	0.0	8440.0
	c5h9hco-3+ho2=h2o2+c5h9co-3	2.80E+12	0.0	13600.0
	c5h9hco-2+oh=h2o+c5h9co-2	2.69E+10	0.8	-340.0
	c5h9hco-2+h=h2+c5h9co-2	4.00E+13	0.0	4200.0
	c5h9hco-2+o=oh+c5h9co-2	5.00E+12	0.0	1790.0
6026.	c5h9hco-2+ch3=ch4+c5h9co-2	1.70E+12	0.0	8440.0
6027.	c5h9hco-2+ho2=h2o2+c5h9co-2	2.80E+12	0.0	13600.0
6028.	c5h9hco-1+oh=h2o+c5h9co-1	2.69E+10	0.8	-340.0
	c5h9hco-1+h=h2+c5h9co-1	4.00E+13	0.0	4200.0
	c5h9hco-1+o=oh+c5h9co-1	5.00E+12	0.0	1790.0
	c5h9hco-1+ch3=ch4+c5h9co-1	1.70E+12	0.0	8440.0
0031.	CONTAINED TIGHT-CHIT-CONTACO-T	⊥./∪Ľ⊤⊥Z	0.0	0.140.0

6032.	c5h9hco-1+ho2=h2o2+c5h9co-1	2.80E+12	0.0	13600.0
6033.	c5h9co-1=co+Ec5h9-1	8.64E+15	0.0	14400.0
	c5h9co-2=co+Ec5h9-2	8.64E+15	0.0	14400.0
	c5h9co-3=co+Cc5h9-1			
		8.64E+15	0.0	14400.0
	Ec5h9-2=c2h4+sc3h5	4.00E+13	0.0	35060.0
	Ec5h9-2+o2=c5h8-13+ho2	5.90E+05	0.0	0.0
6038.	Ec5h9-2=c5h8-13+h	1.20E+13	0.0	31600.0
6039.	pelol5j=pelol2j	5.70E+08	1.0	17300.0
	pelol5j=pelol1j	9.90E+07	1.0	10000.0
	pelollj=pelol4j	5.70E+08	1.0	23300.0
	pelol5j=ch2ch2ch2ch+c2h4	2.00E+13	0.0	28700.0
	oh+c5h10=pe1o12j	9.93E+11	0.0	-960.0
6044.	pelol4j=c3h6+pc2h4oh	2.00E+13	0.0	28700.0
6045.	pe1ol3j=ch2oh+c4h8	2.00E+13	0.0	28700.0
6046.	pelol3j=ch3+blol3e	2.00E+13	0.0	28700.0
	pelol2j=c2h5+c2h3ch2oh	2.00E+13	0.0	28700.0
	pelollj=ch3hco+nc3h7	2.00E+13	0.0	28700.0
	pelol4e+oh=pelol3e5j+h2o	4.19E+06	2.0	-543.0
	pelol4e+o=pelol3e5j+oh	4.00E+13	0.0	4000.0
	pelol4e+h=pelol3e5j+h2	6.55E+12	0.0	4445.0
6052.	pelol4e+ch3=pelol3e5j+ch4	2.00E+11	0.0	6800.0
6053.	pelol4e+ho2=pelol3e5j+h2o2	1.00E+11	0.0	17060.0
	pelol4e+oh=peljol4e+h2o	1.31E+05	2.4	-1456.6
	pelol4e+o=peljol4e+oh	1.45E+05	2.5	876.4
	pelol4e+h=peljol4e+h2	1.79E+05	2.5	3420.0
	pelol4e+ch3=peljol4e+ch4	1.99E+01	3.4	7634.8
	pelol4e+ho2=peljol4e+h2o2	8.20E+03	2.5	10750.0
6059.	pelol4e+oh=ch2o+blol4j	1.00E+11	0.0	-4000.0
6060.	pelol4e+o=hco+blol4j	1.00E+11	0.0	-1050.0
	pelol3e5j=c4h6+ch2oh	2.00E+13	0.0	34600.0
	peljol4e=ch3hco+ac3h5	2.00E+13	0.0	13950.0
			0.0	
	peljol4e+m=c4h7hco-1+h+m	1.00E+14		25000.0
	peljol4e+o2=c4h7hco-1+ho2	1.00E+13	0.0	5564.0
	peljol4e+o=c4h7hco-1+oh	1.00E+14	0.0	0.0
6066.	peljol4e+ho2=c4h7hco-1+2oh	4.00E+13	0.0	0.0
6067.	peljol4e+oh=c4h7hco-1+h2o	5.00E+12	0.0	0.0
6068.	pelol2e4e+oh=peljol2e4e+h2o	4.19E+06	2.0	-543.0
	pelol2e4e+o=peljol2e4e+oh	4.00E+13	0.0	4000.0
	pelol2e4e+h=peljol2e4e+h2	6.55E+12	0.0	4445.0
	pelol2e4e+n-peljol2e4e+n2 pelol2e4e+ch3=peljol2e4e+ch4			
		2.00E+11	0.0	6800.0
	pelol2e4e+ho2=peljol2e4e+h2o2	1.00E+11	0.0	17060.0
	peljol2e4e=c4h6+hco	2.00E+13	0.0	23150.0
6074.	pe1jol2e4e+m=c4h5hco+h+m	1.00E+14	0.0	25000.0
6075.	peljol2e4e+o2=c4h5hco+ho2	1.00E+13	0.0	5564.0
6076.	peljol2e4e+o=c4h5hco+oh	1.00E+14	0.0	0.0
	peljol2e4e+ho2=c4h5hco+2oh	4.00E+13	0.0	0.0
	peljol2e4e+oh=c4h5hco+h2o	5.00E+12	0.0	0.0
	c4h5hco+oh=h2o+c4h5co	2.69E+10	0.8	-340.0
	c4h5hco+h=h2+c4h5co	4.00E+13	0.0	4200.0
6081.	c4h5hco+o=oh+c4h5co	5.00E+12	0.0	1790.0
6082.	c4h5hco+ch3=ch4+c4h5co	1.70E+12	0.0	8440.0
6083.	c4h5hco+ho2=h2o2+c4h5co	2.80E+12	0.0	13600.0
	c4h5hco+o2=ho2+c4h5co	2.00E+13	0.5	42200.0
	c4h5co+m=nc4h5+co+m	8.60E+15	0.0	23000.0
	blol=h+blollj	6.00E+15	0.0	95000.0
	blol=h+blol2j	6.00E+15	0.0	98706.0
	blol=h+blol3j	6.00E+15	0.0	98706.0
	blol=h+blol4j	9.00E+15	0.0	100906.0
6090.	blol=h+c4h9o	6.30E+13	0.0	103234.0
6091.	blol=pc4h9+oh	4.90E+15	0.0	93374.0
	blol=nc3h7+ch2oh	2.40E+16	0.0	85771.0
				33.71.0

6093.	blol=ch3+ch2ch2ch2oh	7.10E+16	0.0	86221.0
6094.	blol=c2h5+pc2h4oh	5.00E+16	0.0	85771.0
	b1o1+o2=ho2+b1o11j	1.40E+10	0.0	45935.0
	blol+o2=ho2+blol2j	1.40E+10	0.0	49097.5
	b1o1+o2=ho2+b1o13j	1.40E+10	0.0	49097.5
6098.	blol+o2=ho2+b1ol4j	2.10E+10	0.0	51296.5
6099.	blol+o=oh+c4h9o	1.00E+13	0.0	3280.0
	blol+o=oh+blollj	2.60E+13	0.0	5200.0
	blol+o=oh+blol2j	2.60E+13	0.0	5200.0
	blol+o=oh+blol3j	2.60E+13	0.0	5200.0
6103.	blol+o=oh+blol4j	5.10E+13	0.0	7850.0
6104.	blol+h=h2+c4h9o	5.53E-23	10.6	-4459.0
	blol+h=h2+blollj	1.79E+05	2.5	3420.0
			2.0	
	blol+h=h2+blol2j	9.00E+06		5000.0
	b1ol+h=h2+b1ol3j	9.00E+06	2.0	5000.0
6108.	blol+h=h2+blol4j	2.90E+07	2.0	7700.0
6109.	blol+oh=h2o+c4h9o	1.10E+06	2.0	-1865.0
6110.	blol+oh=h2o+blollj	2.60E+06	2.0	-765.0
	blol+oh=h2o+blol2j	2.60E+06	2.0	-765.0
	blol+oh=h2o+blol3j	2.60E+06	2.0	-765.0
	blol+oh=h2o+blol4j	2.70E+06	2.0	450.0
6114.	blol+ho2=h2o2+c4h9o	2.50E+12	0.0	24000.0
6115.	blol+ho2=h2o2+blol1j	4.00E+11	0.0	16000.0
	blol+ho2=h2o2+b1ol2j	4.00E+11	0.0	16000.0
	blol+ho2=h2o2+blol3j	4.00E+11	0.0	16000.0
	b1ol+ho2=h2o2+b1o14j	1.23E+04	2.5	15750.0
6119.	b1ol+ch3=ch4+c4h9o	1.00E+11	0.0	7900.0
6120.	blol+ch3=ch4+blol1j	2.00E+11	0.0	9600.0
	blol+ch3=ch4+blol2j	2.00E+11	0.0	9600.0
	blol+ch3=ch4+blol3j	2.00E+11	0.0	9600.0
	_			
	blol+ch3=ch4+blol4j	3.00E-01	4.0	8200.0
	blol+hco=ch2o+c4h9o	3.40E+04	2.5	13500.0
6125.	blol+hco=ch2o+blol1j	1.00E+07	1.9	17000.0
6126.	blol+hco=ch2o+blol2j	1.00E+07	1.9	17000.0
	blol+hco=ch2o+blol3j	1.00E+07	1.9	17000.0
	blol+hco=ch2o+blol4j	1.00E+05	2.5	18500.0
	blol+c2h5=c2h6+c4h9o	1.00E+11	0.0	9200.0
6130.	blol+c2h5=c2h6+blol1j	2.00E+11	0.0	11000.0
6131.	b1ol+c2h5=c2h6+b1ol2j	2.00E+11	0.0	11000.0
6132.	blol+c2h5=c2h6+blol3j	2.00E+11	0.0	11000.0
	b1ol+c2h5=c2h6+b1ol4j	3.00E+11	0.0	13500.0
	blol+c2h3=c2h4+c4h9o		0.0	
		1.00E+11		7900.0
	blol+c2h3=c2h4+blollj	2.00E+11	0.0	9600.0
6136.	b1ol+c2h3=c2h4+b1ol2j	2.00E+11	0.0	9600.0
6137.	b1ol+c2h3=c2h4+b1ol3j	2.00E+11	0.0	9600.0
6138.	blol+c2h3=c2h4+blol4j	3.00E-01	4.0	8200.0
	blol+ac3h5=c3h6+c4h9o	1.00E+11	0.0	9200.0
	blol+ac3h5=c3h6+blol1j			
	5	2.00E+11	0.0	11000.0
	blol+ac3h5=c3h6+blol2j	2.00E+11	0.0	11000.0
6142.	blol+ac3h5=c3h6+blol3j	2.00E+11	0.0	11000.0
6143.	blol+ac3h5=c3h6+blol4j	3.00E+11	0.0	13500.0
6144.	blollj=blol3j	3.30E+09	1.0	43000.0
	blollj=blol4j	8.60E+08	1.0	26000.0
	blol4j=blol2j	3.30E+09	1.0	37000.0
	blol3j=ch2oh+c3h6	2.00E+13	0.0	28700.0
6148.	blollj=ch3hco+c2h5	2.00E+13	0.0	28700.0
	blol4j=c2h4+pc2h4oh	2.00E+13	0.0	28700.0
	blol2j=ch3+c2h3ch2oh	2.00E+13	0.0	31000.0
	c4h8+oh=blol2j	1.29E+12	0.0	-817.0
	<del>-</del>			
	c4h9o=ch2o+nc3h7	9.50E+13	0.0	16060.0
6153.	c4h9o=>h+nc3h7hco	3.00E+13	0.0	38000.0

6154.	blol4j=>h+c4h7oh	3.00E+13	0.0	38000.0
	blol3j=>h+c4h7oh	6.00E+13	0.0	38000.0
	blollj+o2=c4h7oh+ho2	1.30E+12	0.0	6000.0
	b1o11j+o2=nc3h7hco+ho2	1.00E+13	0.0	5564.0
	c4h9o+o2=nc3h7hco+ho2	4.00E+10	0.0	1100.0
6159.	b1o12j+o2=c4h7oh+ho2	1.30E+12	0.0	6000.0
6160.	b1o13j+o2=c4h7oh+ho2	1.30E+12	0.0	6000.0
	b1ol3j+o2=b1ol3e+ho2	6.50E+11	0.0	6000.0
	b1o14j+o2=b1o13e+ho2	1.30E+12	0.0	6000.0
	c4h7oh=>oh+Cc4h7-1	1.00E+16	0.0	63374.0
	b1*o4ol+oh=h2o+b1j*o4ol	2.69E+10	0.8	-340.0
6165.	b1*o4ol+h=h2+b1j*o4ol	4.00E+13	0.0	4200.0
6166.	b1*o4ol+o=oh+b1j*o4ol	5.00E+12	0.0	1790.0
	b1*o4ol+ch3=ch4+b1j*o4ol	1.70E+12	0.0	8440.0
	b1*o4ol+ho2=h2o2+b1j*o4ol	2.80E+12	0.0	13600.0
	b1*o4o1+o2=ho2+b1j*o4o1		0.5	
	<del>-</del>	2.00E+13		42200.0
	blol3e+oh=blol2e4j+h2o	4.19E+06	2.0	-543.0
	blol3e+o=blol2e4j+oh	4.00E+13	0.0	4000.0
6172.	blol3e+h=blol2e4j+h2	6.55E+12	0.0	4445.0
6173.	blol3e+ch3=blol2e4j+ch4	2.00E+11	0.0	6800.0
6174.	b1ol3e+ho2=b1ol2e4j+h2o2	1.00E+11	0.0	17060.0
	blol3e+ch3o2=blol2e4j+ch3o2h	2.20E+00	3.5	5675.0
	blol3e+oh=bljol3e+h2o	1.31E+05	2.4	-1456.6
	blol3e+o=bljol3e+oh	1.45E+05	2.5	876.4
	blol3e+h=b1jol3e+h2	1.79E+05		3420.0
6179.	blol3e+ch3=bljol3e+ch4	1.99E+01	3.4	7634.8
6180.	b1ol3e+ho2=b1jol3e+h2o2	8.20E+03	2.5	10750.0
	blol3e+ch3o2=bljol3e+ch3o2h	3.00E+12	0.0	17500.0
	blj*o4ol+m=ch2ch2ch2oh+co+m	8.60E+15	0.0	23000.0
	c4h6+oh=b1ol2e4j		0.0	-960.0
		9.93E+11		
	blol2e4j+o2=ac3h5hco+ho2	1.90E+12	0.0	5000.0
	b1jol3e+ho2=ac3h5hco+2oh	4.00E+13	0.0	0.0
6186.	b1jol3e+oh=ac3h5hco+h2o	5.00E+12	0.0	0.0
6187.	b1jol3e+o=ac3h5hco+oh	1.00E+14	0.0	0.0
	b1jol3e+o2=ac3h5hco+ho2	1.00E+13	0.0	5564.0
	bljol3e+m=ac3h5hco+h+m	1.00E+14	0.0	25000.0
	ch2ch2ch2oh=ch2oh+c2h4	2.00E+13	0.0	28700.0
	hoc2h4hco+oh=h2o+hoc2h4co	2.69E+10	0.8	-340.0
	hoc2h4hco+h=h2+hoc2h4co	4.00E+13	0.0	4200.0
6193.	hoc2h4hco+o=oh+hoc2h4co	5.00E+12	0.0	1790.0
6194.	hoc2h4hco+ch3=ch4+hoc2h4co	1.70E+12	0.0	8440.0
6195.	hoc2h4hco+ho2=h2o2+hoc2h4co	2.80E+12	0.0	13600.0
	hoc2h4hco+o2=ho2+hoc2h4co	2.00E+13	0.5	42200.0
	hoc2h4co=co+pc2h4oh	2.00E+13	0.0	28700.0
	c2h3ch2oh+oh=c2h3choh+h2o			
		1.31E+05	2.4	-1456.6
	c2h3ch2oh+o=c2h3choh+oh	1.45E+05	2.5	876.4
6200.	c2h3ch2oh+h=c2h3choh+h2	1.79E+05	2.5	3420.0
6201.	c2h3ch2oh+ch3=c2h3choh+ch4	1.99E+01	3.4	7634.8
6202.	c2h3ch2oh+ho2=c2h3choh+h2o2	8.20E+03	2.5	10750.0
	c2h3ch2oh+ch3o2=c2h3choh+ch3o2h	3.00E+12	0.0	17500.0
	c2h3choh+ho2=acrol+2oh	4.00E+13	0.0	0.0
	c2h3choh+oh=acrol+h2o	5.00E+12	0.0	0.0
	c2h3choh+o=acrol+oh	1.00E+14	0.0	0.0
6207.	c2h3choh+o2=acrol+ho2	1.00E+13	0.0	5564.0
6208.	c2h3choh+m=acrol+h+m	1.00E+14	0.0	25000.0
6209.	hoch2hco+oh=h2o+hoch2co	2.69E+10	0.8	-340.0
	hoch2hco+h=h2+hoch2co	4.00E+13	0.0	4200.0
	hoch2hco+o=oh+hoch2co	5.00E+12	0.0	1790.0
	hoch2hco+ch3=ch4+hoch2co	1.70E+12	0.0	8440.0
	hoch2hco+ho2=h2o2+hoch2co	2.80E+12	0.0	13600.0
6214.	hoch2hco+o2=ho2+hoch2co	2.00E+13	0.5	42200.0

6215.	hoch2co=co+ch2oh	2.00E+13	0.0	28700.0
6216.	c2h3ch2oh=>ac3h5+oh	1.00E+16	0.0	63374.0
	nc10h22+phch2=Ac10h21+toluen	7.94E+11	0.0	20500.0
	nc10h22+phch2=Bc10h21+toluen	7.94E+11	0.0	16200.0
	nc10h22+phch2=Cc10h21+toluen	7.94E+11	0.0	16200.0
	<u>-</u>			
	nc10h22+phch2=Dc10h21+toluen	7.94E+11	0.0	16200.0
	nc10h22+phch2=Ec10h21+toluen	7.94E+11	0.0	16200.0
	nc10h22+c6h5=Ac10h21+c6h6	7.94E+11	0.0	20500.0
6223.	nc10h22+c6h5=Bc10h21+c6h6	7.94E+11	0.0	16200.0
6224.	nc10h22+c6h5=Cc10h21+c6h6	7.94E+11	0.0	16200.0
6225.	nc10h22+c6h5=Dc10h21+c6h6	7.94E+11	0.0	16200.0
6226.	nc10h22+c6h5=Ec10h21+c6h6	7.94E+11	0.0	16200.0
	cyc6h12+Ac10h21=cyc6h11+nc10h22	4.52E-01	3.6	9141.0
0227.	Reverse Arrhenius coefficients:	6.00E+11	0.0	13700.0
6220			3.6	
0228.	cyc6h12+Bc10h21=cyc6h11+nc10h22	4.52E-01		9141.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6229.	cyc6h12+Cc10h21=cyc6h11+nc10h22	4.52E-01	3.6	9141.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6230.	cyc6h12+Dc10h21=cyc6h11+nc10h22	4.52E-01	3.6	9141.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6231.	cyc6h12+Ec10h21=cyc6h11+nc10h22	4.52E-01	3.6	9141.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6232	cyc6h10+Ac10h21=cyc6h9+nc10h22	2.00E+11	0.0	7300.0
02021	Reverse Arrhenius coefficients:	6.00E+11	0.0	13700.0
6222	cyc6h10+Bc10h21=cyc6h9+nc10h22	2.00E+11	0.0	7300.0
0233.	Reverse Arrhenius coefficients:	4.00E+11	0.0	
C 2 2 4				11400.0
6234.	cyc6h10+Cc10h21=cyc6h9+nc10h22	2.00E+11	0.0	7300.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6235.	cyc6h10+Dc10h21=cyc6h9+nc10h22	2.00E+11	0.0	7300.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
6236.	cyc6h10+Ec10h21=cyc6h9+nc10h22	2.00E+11	0.0	7300.0
	Reverse Arrhenius coefficients:	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe1=ic8h18+Ac10h21	6.00E+11	0.0	13700.0
6238.	nc10h22+bbdtmpe1=ic8h18+Bc10h21	4.00E+11	0.0	11400.0
6239.	nc10h22+bbdtmpe1=ic8h18+Cc10h21	4.00E+11	0.0	11400.0
6240.	nc10h22+bbdtmpe1=ic8h18+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe1=ic8h18+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe3=ic8h18+Ac10h21	6.00E+11	0.0	13700.0
	nc10h22+bbdtmpe3=ic8h18+Bc10h21	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe3=ic8h18+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe3=ic8h18+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+bbdtmpe3=ic8h18+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+bddtmpe2=ic8h18+Ac10h21	6.00E+11	0.0	13700.0
	nc10h22+bddtmpe2=ic8h18+Bc10h21	4.00E+11	0.0	11400.0
	nc10h22+bddtmpe2=ic8h18+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+bddtmpe2=ic8h18+Dc10h21	4.00E+11	0.0	11400.0
6251.	nc10h22+bddtmpe2=ic8h18+Ec10h21	4.00E+11	0.0	11400.0
6252.	nc10h22+bddtmpe1=ic8h18+Ac10h21	6.00E+11	0.0	13700.0
6253.	nc10h22+bddtmpe1=ic8h18+Bc10h21	4.00E+11	0.0	11400.0
6254.	nc10h22+bddtmpe1=ic8h18+Cc10h21	4.00E+11	0.0	11400.0
	nc10h22+bddtmpe1=ic8h18+Dc10h21	4.00E+11	0.0	11400.0
	nc10h22+bddtmpe1=ic8h18+Ec10h21	4.00E+11	0.0	11400.0
	nc10h22+ic4h7=ic4h8+Ac10h21	2.00E+12	0.0	18000.0
	nc10h22+ic4h7=ic4h8+Bc10h21	8.00E+11	0.0	16800.0
	nc10h22+ic4h7=ic4h8+Cc10h21	8.00E+11	0.0	16800.0
	nc10h22+ic4h7=ic4h8+Dc10h21	8.00E+11	0.0	16800.0
	nc10h22+ic4h7=ic4h8+Ec10h21	8.00E+11	0.0	16800.0
6262.	nc3h7o2=nc3h7+o2	3.87E+18	-1.2	36080.0
	Reverse Arrhenius coefficients:	4.52E+12	0.0	0.0
6263.	ic3h7o2=ic3h7+o2	4.21E+16	-0.3	35910.0
	Reverse Arrhenius coefficients:	7.54E+12	0.0	0.0

6264.	ch3o2+nc3h7=ch3o+nc3h7o	1.90E+12	0.0	-1200.0
6265.	ic3h7o2+nc3h7=ic3h7o+nc3h7o	1.90E+12	0.0	-1200.0
6266.	nc3h7o2+nc3h7=nc3h7o+nc3h7o	1.90E+12	0.0	-1200.0
6267.	nc3h7+ho2=nc3h7o+oh	1.90E+12	0.0	-1200.0
	ch3o2+ic3h7=ch3o+ic3h7o	1.90E+12	0.0	-1200.0
	ic3h7o2+ic3h7=ic3h7o+ic3h7o	1.90E+12	0.0	-1200.0
	nc3h7o2+ic3h7=nc3h7o+ic3h7o	1.90E+12	0.0	-1200.0
	ic3h7+ho2=ic3h7o+oh	1.90E+12	0.0	-1200.0
	ic3h7o2+acrol=c2h3co+ic3h7o2h	2.80E+12	0.0	13600.0
	ic3h7o2+c2h4=c2h3+ic3h7o2h	1.13E+13	0.0	30430.0
6274.	ic3h7o2+ethco=ic3h7o2h+c2h5co	2.00E+11	0.0	9500.0
6275.	ic3h7o2+c2h6=ic3h7o2h+c2h5	1.70E+13	0.0	20460.0
6276.	ic3h7o2+ch2o=ic3h7o2h+hco	5.60E+12	0.0	13600.0
6277.	ic3h7o2+ch3hco=ic3h7o2h+ch3co	2.80E+12	0.0	13600.0
6278.	ic3h7o2+ch4=ch3+ic3h7o2h	1.12E+13	0.0	24640.0
	ic3h7o2+h2=h+ic3h7o2h	3.01E+13	0.0	26030.0
	ic3h7o2+ch3oh=ch2oh+ic3h7o2h	6.30E+12	0.0	19360.0
	ic3h7o2+ho2=ic3h7o2h+o2	2.90E+11	0.0	1550.0
	ic3h7o2+c2h5o2=ic3h7o+c2h5o+o2	5.00E+10	0.0	0.0
		5.00E+10 5.00E+10		
	ic3h7o2+ic3h7o2=o2+ic3h7o+ic3h7o		0.0	0.0
	ic3h7o2+nc3h7o2=ic3h7o+nc3h7o+o2	5.00E+10	0.0	0.0
	ic3h7o2+ch3o2=ic3h7o+ch3o+o2	1.00E+11	0.0	0.0
	ic3h7o2+ho2=ic3h7o+oh+o2	1.00E+11	0.0	0.0
6287.	ic3h7o2+c2h5=ic3h7o+c2h5o	1.90E+12	0.0	-1200.0
6288.	ic3h7o2+ac3h5=ic3h7o+c3h5o	1.90E+12	0.0	-1200.0
6289.	ic3h7o2+ch3=ic3h7o+ch3o	1.90E+12	0.0	-1200.0
6290.	nc3h7o2+acrol=c2h3co+nc3h7o2h	2.80E+12	0.0	13600.0
6291.	nc3h7o2+c2h4=c2h3+nc3h7o2h	1.13E+13	0.0	30430.0
6292.	nc3h7o2+ethco=nc3h7o2h+c2h5co	2.00E+11	0.0	9500.0
	nc3h7o2+c2h6=nc3h7o2h+c2h5	1.70E+13	0.0	20460.0
	nc3h7o2+ch2o=nc3h7o2h+hco	5.60E+12	0.0	13600.0
	nc3h7o2+ch3hco=nc3h7o2h+ch3co	2.80E+12	0.0	13600.0
	nc3h7o2+ch4=ch3+nc3h7o2h	1.12E+13	0.0	24640.0
	nc3h7o2+h2=h+nc3h7o2h	3.01E+13	0.0	26030.0
	nc3h7o2+ch3oh=ch2oh+nc3h7o2h	6.30E+12		
	nc3h7o2+ho2=nc3h7o2h+o2		0.0	19360.0
		2.90E+11	0.0	1550.0
	nc3h7o2+c2h5o2=nc3h7o+c2h5o+o2	5.00E+10	0.0	0.0
	nc3h7o2+nc3h7o2=o2+nc3h7o+nc3h7o	5.00E+10	0.0	0.0
	nc3h7o2+ch3o2=nc3h7o+ch3o+o2	1.00E+11	0.0	0.0
	nc3h7o2+ho2=nc3h7o+oh+o2	1.00E+11	0.0	0.0
6304.	nc3h7o2+c2h5=nc3h7o+c2h5o	1.90E+12	0.0	-1200.0
6305.	nc3h7o2+ac3h5=nc3h7o+c3h5o	1.90E+12	0.0	-1200.0
6306.	nc3h7o2+ch3=nc3h7o+ch3o	1.90E+12	0.0	-1200.0
6307.	nc3h7o2=c3h6ooh1-3	3.75E+10	0.0	24400.0
	Reverse Arrhenius coefficients:	5.31E+12	-0.6	11180.0
6308.	nc3h7o2=c3h6ooh1-2	2.00E+11	0.0	26850.0
	Reverse Arrhenius coefficients:	1.90E+12	-0.2	17650.0
6309	ic3h7o2=c3h6ooh2-1	6.00E+11	0.0	29400.0
0307.	Reverse Arrhenius coefficients:	1.70E+12	-0.5	14360.0
6210	nc3h7o2h=nc3h7o+oh			
		8.06E+19	-1.5	47000.0
	ic3h7o2h=ic3h7o+oh	8.42E+19	-1.4	46080.0
	ho2+ic3h7=nc3h7o2h	4.80E+12	0.0	0.0
6313.	c3h6ooh1-2=c3h6o+oh	1.25E+15	-1.2	17580.0
	Reverse Arrhenius coefficients:	4.96E+08	1.0	29090.0
6314.	c3h6ooh1-3=c3h6o1-3+oh	4.31E+15	-1.3	18240.0
	Reverse Arrhenius coefficients:	1.19E+18	-1.5	33770.0
6315.	c3h6ooh2-1=c3h6o+oh	3.46E+16	-1.6	18870.0
	Reverse Arrhenius coefficients:	2.79E+17	-1.5	33090.0
6316.	c3h6ooh1-2=c3h6+ho2	7.33E+09	0.6	17860.0
	Reverse Arrhenius coefficients:	2.47E+04	2.1	12160.0
6317.	c3h6ooh2-1=c3h6+ho2	3.65E+12	0.1	20320.0

	Reverse Arrhenius coefficients:	7.74E+03	2.3	11080.0
6318.	c3h6ooh1-3=oh+ch2o+c2h4	1.16E+17	-1.1	32570.0
6319.	c3h6ooh1-2+o2=c3h6ooh1-2o2	7.54E+12	0.0	0.0
	Reverse Arrhenius coefficients:	2.70E+20	-1.5	37610.0
6320	c3h6ooh1-3+o2=c3h6ooh1-3o2	4.52E+12	0.0	0.0
0320.				35910.0
	Reverse Arrhenius coefficients:	1.21E+19	-1.3	
6321.	c3h6ooh2-1+o2=c3h6ooh2-1o2	4.52E+12	0.0	0.0
	Reverse Arrhenius coefficients:	8.00E+18	-1.3	35930.0
6322.	c3h6ooh1-2o2=c3ket12+oh	2.00E+11	0.0	26400.0
	Reverse Arrhenius coefficients:	1.42E+07	0.6	48360.0
6323	c3h6ooh1-3o2=c3ket13+oh	2.50E+10	0.0	21400.0
0323.	Reverse Arrhenius coefficients:	4.45E+05	1.0	51030.0
C224				
6324.	c3h6ooh2-1o2=c3ket21+oh	1.00E+11	0.0	23850.0
	Reverse Arrhenius coefficients:	2.14E+05	1.1	49190.0
6325.	c3ket12=ch3hco+hco+oh	1.05E+16	0.0	41600.0
6326.	c3ket13=ch2o+ch2hco+oh	1.50E+16	0.0	42000.0
6327.	c3ket21=ch2o+ch3co+oh	1.50E+16	0.0	42000.0
	c3h6o+h=>h2+ch2co+ch3	2.70E+07	2.0	5000.0
	c3h6o+oh=>h2o+ch2co+ch3	7.80E+06	2.0	-765.0
		1.20E+12		
	c3h6o+ho2=>h2o2+ch2co+ch3		0.0	15500.0
	c3h6o+ch3=>ch4+ch2co+ch3	6.00E+11	0.0	9600.0
6332.	c3h6o+ch3o2=>ch3o2h+ch2co+ch3	6.00E+11	0.0	9600.0
6333.	c3h6o+c2h5=>c2h6+ch2co+ch3	6.00E+11	0.0	11000.0
6334.	c3h6o+o=>oh+hco+c2h4	7.80E+13	0.0	5200.0
6335.	c3h6o1-3+h=>h2+hco+c2h4	2.70E+07	2.0	5000.0
	c3h6o1-3+oh=>h2o+hco+c2h4	7.80E+06	2.0	-765.0
	c3h6o1-3+ho2=>h2o2+hco+c2h4	1.20E+12	0.0	15500.0
	c3h6o1-3+ch3=>ch4+hco+c2h4	6.00E+11	0.0	9600.0
	c3h6o1-3+ch3o2=>ch3o2h+hco+c2h4	4.50E+12	0.0	17500.0
6340.	c3h6o1-3+c2h5=>c2h6+hco+c2h4	6.00E+11	0.0	11000.0
6341.	c3h6o1-3+o=>oh+hco+c2h4	7.80E+13	0.0	5200.0
6342.	c3h6o=c2h5+hco	2.45E+13	0.0	58500.0
6343	c3h6o=ethco	1.82E+14	0.0	58500.0
	c3h6o=ch3+ch3co	4.54E+13	0.0	59900.0
	c3h6o=ch3+ch2hco	2.45E+13		
			0.0	58820.0
	c3h6o=ch3+c2h3o	8.00E+15	0.0	92010.0
	c3h6o1-3+h=ch2ch2hco+h2	2.70E+07	2.0	5000.0
6348.	c3h6o1-3+oh=ch2ch2hco+h2o	7.80E+06	2.0	-765.0
6349.	c3h6o1-3+ho2=ch2ch2hco+h2o2	1.20E+12	0.0	15500.0
6350.	c3h6o1-3+ch3=ch2ch2hco+ch4	6.00E+11	0.0	9600.0
	c3h6o1-3=ethco	1.82E+14	0.0	58500.0
	c2h4+hco=ch2ch2hco	2.11E+11	0.0	7350.0
	ch2ch2hco+o2=o2c2h4hco	9.00E+18	-2.5	0.0
	o2c2h4hco+ho2=>ho2c2h4hco+o2	2.29E+11	0.0	-1790.0
	o2c2h4hco=ho2c2h4co	5.34E+05	1.9	20273.5
6356.	ho2c2h4co=co+c2h4o2h	2.00E+13	0.0	28700.0
6357.	ho2c2h4hco=>oc2h4hco+oh	1.50E+16	0.0	42500.0
6358.	ch2o+ch2hco=oc2h4hco	1.50E+11	0.0	11900.0
	pc4h9+o2=c4h9qjA	9.00E+18	-2.5	0.0
	sc4h9+o2=c4h9qjB	1.70E+19	-2.5	0.0
	<del></del>			
	c4h9qjA=c4h8rBqA	3.30E+09	1.0	32500.0
	c4h9qjA=c4h8rCqA	5.70E+08	1.0	25000.0
	c4h9qjA=c4h8rDqA	1.50E+08	1.0	25000.0
6364.	c4h9qjB=c4h8rDqB	8.60E+08	1.0	28000.0
6365.	c4h9qjB=c4h8rAqB	5.00E+09	1.0	35500.0
	c4h9qjB=c4h8rCqB	3.30E+09	1.0	32500.0
	c4h9qjA+ho2=nc4h9o2h+o2	2.90E+11	0.0	1550.0
	c4h9qjB+ho2=nc4h9o2h+o2	2.90E+11	0.0	
				1550.0
	c4h8rDqA=c2h4+c2h4o2h	2.00E+13	0.0	28700.0
	c4h8rDqA=c4h8rAqA	5.70E+08	1.0	15300.0
6371.	c4h8rDqB=c4h8rAqB	8.60E+08	1.0	19800.0

6372.	c4h8rAqA+o2=c4h8qjAqA	9.00E+18	-2.5	0.0
6373.	c4h8rBqA+o2=c4h8qjBqA	1.80E+19	-2.5	0.0
6374.	c4h8rCqA+o2=c4h8qjCqA	1.70E+19	-2.5	0.0
6375.	c4h8rDqA+o2=c4h8qjDqA	9.00E+18	-2.5	0.0
	c4h8rAqB+o2=c4h8qjAqB	1.50E+18	-2.5	0.0
	c4h8rCqB+o2=c4h8qjCqB	1.05E+19	-2.5	0.0
	c4h8rDqB+o2=c4h8qjDqB	9.00E+18	-2.5	0.0
	c4h8rCqA=>oh+ch2o+c3h6	9.13E+10	1.1	28014.0
	c4h8rDqB=>oh+ch3hco+c2h4	1.67E+14	0.0	28684.0
	c4h8rAqA=oh+nc3h7hco	1.00E+09	0.0	7500.0
6382.	c4h8rBqA=oh+c4h8o#3	6.10E+11	0.0	17950.0
6383.	c4h8rCqA=oh+c4h8o#4	9.20E+10	0.0	16600.0
6384.	c4h8rDqA=oh+c4h8o#5	2.10E+08	0.0	6500.0
	c4h8rAqB=oh+c4h8o#3	6.10E+11	0.0	17950.0
	c4h8rCqB=oh+c4h8o#3	6.10E+11	0.0	17950.0
	c4h8rDqB=oh+c4h8o#4	9.20E+10	0.0	16600.0
	c4h8rBqA=ho2+c4h8	8.50E+12	0.0	26000.0
	c4h8rAqB=ho2+c4h8	8.50E+12	0.0	26000.0
	c4h8rCqB=ho2+c4h8	8.50E+12	0.0	26000.0
	c4h8qjBqA=oh+c4h7oAqB	3.35E+09	1.0	32500.0
6392.	c4h8qjCqA=oh+c4h7oAqC	5.75E+08	1.0	25000.0
6393.	c4h8qjDqA=oh+c4h7oAqD	9.89E+07	1.0	22000.0
6394.	c4h8qjAqB=oh+c4h7oBqA	1.67E+09	1.0	29500.0
6395.	c4h8qjCqB=oh+c4h7oBqC	1.67E+09	1.0	29500.0
	c4h8qjDqB=oh+c4h7oBqD	2.87E+08	1.0	22000.0
	nc4h9o2h=>oh+ch3hco+c2h5	1.50E+16	0.0	42000.0
	c4h7oAqB=>oh+hco+ethco	7.50E+15	0.0	44500.0
	c4h7oAqC=>oh+ch2hco+ch3hco	7.50E+15	0.0	44500.0
	c4h7oAqD=>oh+ch2o+ch2ch2hco	7.50E+15	0.0	44500.0
	c4h7oBqA=>oh+ch2o+c2h5co	7.50E+15	0.0	44500.0
	c4h7oBqC=>oh+ch3co+ch3hco	7.50E+15	0.0	44500.0
6403.	c4h7oBqD=>oh+ch2o+ch2coch3	7.50E+15	0.0	44500.0
6404.	c4h8o#3+h=>h2+ch2co+c2h5	2.40E+08	1.5	2005.0
6405.	c4h8o#3+oh=>h2o+ch2co+c2h5	1.20E+06	2.0	-1192.0
6406.	c4h8o#3+ho2=>h2o2+ch2co+c2h5	1.00E+04	2.5	9400.0
6407.	c4h8o#4+h=>h2+c3h6+hco	4.80E+08	1.5	2785.0
6408.	c4h8o#4+oh=>h2o+c3h6+hco	2.40E+06	2.0	-1192.0
	c4h8o#4+ho2=>h2o2+c3h6+hco	2.50E+04	2.5	11605.0
	c4h8o#4+h=h2+ch3coc2h4p	2.40E+08	1.5	2005.0
	c4h8o#4+oh=h2o+ch3coc2h4p	1.20E+06	2.0	-1192.0
	c4h8o#4+ho2=h2o2+ch3coc2h4p		2.5	
		1.00E+04		9400.0
	c4h8o#5+h=h2+c3h6cho-1	9.60E+08	1.5	2785.0
	c4h8o#5+oh=h2o+c3h6cho-1	4.80E+06	2.0	-1192.0
	c4h8o#5+ho2=h2o2+c3h6cho-1	5.00E+04	2.5	11605.0
	butanone+h=>h2+c2h5coch2	2.70E+07	2.0	5000.0
6417.	butanone+oh=>h2o+c2h5coch2	7.80E+06	2.0	-765.0
6418.	butanone+ho2=>h2o2+c2h5coch2	1.20E+12	0.0	15500.0
6419.	butanone+ch3=>ch4+c2h5coch2	6.00E+11	0.0	9600.0
6420.	butanone+ch3o2=>ch3o2h+c2h5coch2	6.00E+11	0.0	9600.0
	butanone+c2h5=>c2h6+c2h5coch2	6.00E+11	0.0	11000.0
	c2h5coch2=ch2co+c2h5	1.57E+13	0.0	30000.0
0122.	Reverse Arrhenius coefficients:	2.11E+11	0.0	7350.0
6122	c2h5coch2+o2=c2h5coch2o2	9.00E+18	-2.5	0.0
	c2h5coch2o2+ho2=c2h5coch2o2h+o2	2.29E+11	0.0	-1790.0
	c2h5coch2o2h=c2h5coch2o+oh	1.50E+16	0.0	42500.0
	ch2o+c2h5co=c2h5coch2o	1.50E+11	0.0	11900.0
	ch3coc2h4p=c2h4+ch3co	5.97E+12	0.0	20730.0
	ch3coc2h4p+o2=ch3coc2h4o2	9.00E+18	-2.5	0.0
	ch3coc2h4o2+ho2=ch3coc2h4o2h+o2	2.29E+11	0.0	-1790.0
6430.	ch3coc2h4o2h=ch3coc2h4o+oh	1.50E+16	0.0	42500.0
6431.	ch2o+ch2coch3=ch3coc2h4o	1.50E+11	0.0	11900.0

6432.	ch3coc2h4p+o2=mvk+ho2	3.80E+10	0.0	-2000.0
6433.	Ac5h11+o2=c5h11qjA	9.00E+18	-2.5	0.0
	Bc5h11+o2=c5h11qjB	1.70E+19	-2.5	0.0
	=-			
	Cc5h11+o2=c5h11qjC	1.80E+19	-2.5	0.0
6436.	c5h11qjA=c5h10rBqA	5.70E+08	1.0	32500.0
6437.	c5h11qjA=c5h10rCqA	9.90E+07	1.0	25000.0
	c5h11qjA=c5h10rDqA	1.70E+07	1.0	22000.0
	c5h11qjA=c5h10rEqA	4.35E+06	1.0	24000.0
6440.	c5h11qjB=c5h10rAqB	8.65E+08	1.0	35500.0
6441.	c5h11qjB=c5h10rCqB	5.70E+08	1.0	32500.0
	c5h11qjB=c5h10rDqB	9.90E+07	1.0	25000.0
	19	2.55E+07	1.0	25000.0
	c5h11qjB=c5h10rEqB			
	c5h11qjC=c5h10rAqC	2.97E+08	1.0	28000.0
6445.	c5h11qjC=c5h10rBqC	1.14E+09	1.0	32500.0
6446.	c5h11qjA+ho2=nc5h11o2h+o2	2.29E+11	0.0	-1790.0
	c5h11qjB+ho2=nc5h11o2h+o2	2.90E+11	0.0	1550.0
	c5h11qjC+ho2=nc5h11o2h+o2	2.90E+11	0.0	1550.0
6449.	c5h10rAqA+o2=c5h10qjAqA	9.00E+18	-2.5	0.0
6450.	c5h10rBqA+o2=c5h10qjBqA	1.80E+19	-2.5	0.0
6451.	c5h10rCqA+o2=c5h10qjCqA	1.80E+19	-2.5	0.0
	c5h10rDqA+o2=c5h10qjDqA	1.70E+19	-2.5	0.0
	1 10 1			
	c5h10rEqA+o2=c5h10qjEqA	9.00E+18	-2.5	0.0
6454.	c5h10rAqB+o2=c5h10qjAqB	1.50E+18	-2.5	0.0
6455.	c5h10rBqB+o2=c5h10qjBqB	1.80E+19	-2.5	0.0
	c5h10rCqB+o2=c5h10qjCqB	1.05E+19	-2.5	0.0
	c5h10rDqB+o2=c5h10qjDqB	1.70E+19	-2.5	0.0
	c5h10rEqB+o2=c5h10qjEqB	9.00E+18	-2.5	0.0
6459.	c5h10rAqC+o2=c5h10qjAqC	9.00E+18	-2.5	0.0
6460.	c5h10rBqC+o2=c5h10qjBqC	9.50E+18	-2.5	0.0
	c5h10rCqA=>oh+ch2o+c4h8	1.35E+12	0.8	28207.0
	c5h10rAqC=>oh+ethco+c2h4	1.12E+14	0.1	30960.0
	c5h10rDqB=>oh+ch3hco+c3h6	6.44E+13	0.2	28013.0
6464.	c5h10rAqA=oh+nc4h9hco	1.00E+09	0.0	7500.0
6465.	c5h10rBqB=oh+c3h7coch3	1.00E+09	0.0	7500.0
	c5h10rBqA=oh+c5h10o-AB	1.38E+12	0.0	15900.0
	c5h10rCqA=oh+c5h10o-AC	2.04E+11	0.0	19500.0
	c5h10rDqA=oh+c5h10o-AD	3.63E+10	0.0	13000.0
6469.	c5h10rEqA=oh+c5h10o-AE	1.70E+08	0.0	1950.0
6470.	c5h10rAqB=oh+c5h10o-AB	1.38E+12	0.0	15900.0
	c5h10rCqB=oh+c5h10o-BC	1.38E+12	0.0	15900.0
	c5h10rDqB=oh+c5h10o-BD	2.04E+11	0.0	19500.0
	c5h10rEqB=oh+c5h10o-AD	3.63E+10	0.0	13000.0
6474.	c5h10rAqC=oh+c5h10o-AC	2.04E+11	0.0	19500.0
6475.	c5h10rBqC=oh+c5h10o-BC	1.38E+12	0.0	15900.0
	c5h10rAqB=ho2+c5h10	8.50E+12	0.0	26000.0
	c5h10rBqA=ho2+c5h10	8.50E+12	0.0	26000.0
	c5h10rBqC=ho2+c2c5h10	8.50E+12	0.0	26000.0
6479.	c5h10rBqC=ho2+t2c5h10	8.50E+12	0.0	26000.0
6480.	c5h10rCqB=ho2+c2c5h10	8.50E+12	0.0	26000.0
	c5h10rCqB=ho2+t2c5h10	8.50E+12	0.0	26000.0
	c5h10qjBqA=oh+c5h9oAqB	3.35E+09	1.0	32500.0
6483.	c5h10qjCqA=oh+c5h9oAqC	9.89E+07	1.0	22000.0
6484.	c5h10qjDqA=oh+c5h9oAqD	9.89E+07	1.0	22000.0
6485.	c5h10qjEqA=oh+c5h9oAqE	1.70E+07	1.0	21000.0
	c5h10qjAqB=oh+c5h9oBqA	1.67E+09	1.0	29500.0
	c5h10qjCqB=oh+c5h9oBqC	1.67E+09	1.0	29500.0
	c5h10qjDqB=oh+c5h9oBqD	2.87E+08	1.0	22000.0
6489.	c5h10qjEqB=oh+c5h9oBqE	4.94E+07	1.0	19000.0
	c5h10qjAqC=oh+c5h9oCqA	2.87E+08	1.0	22000.0
	c5h10qjBqC=oh+c5h9oCqB	1.67E+09	1.0	29500.0
0492.	nc5h11o2h=>oh+ch2o+pc4h9	1.50E+16	0.0	42000.0

6493.	c5h9oAqA=oh+co2+pc4h9	1.00E+16	0.0	43000.0
6494.	c5h9oAqB=oh+hco+nc3h7hco	1.00E+16	0.0	43000.0
6495.	c5h9oAqC=oh+ch2hco+ethco	1.00E+16	0.0	43000.0
	c5h9oAqD=oh+ch3hco+ch2ch2hco	1.00E+16	0.0	43000.0
	c5h9oAqE=oh+ch2o+c3h6cho-1	1.00E+16	0.0	43000.0
	c5h9oBqA=oh+ch2o+c3h7co	1.00E+16	0.0	43000.0
	c5h9oBqC=oh+ch3co+ethco	1.00E+16	0.0	43000.0
	c5h9oBqD=oh+ch3hco+ch2coch3	1.00E+16	0.0	43000.0
	c5h9oBqE=oh+c2h4+ch3co+ch2o	1.00E+16	0.0	43000.0
		1.00E+16 1.00E+16		
	c5h9oCqA=oh+c2h5+ch2co+ch2o		0.0	43000.0
	c5h9oCqB=oh+c2h5co+ch3hco	1.00E+16	0.0	43000.0
	c5h10o-AB+h=>h2+acrol+c2h5	4.80E+08	1.5	2785.0
	c5h10o-AB+oh=>h2o+acrol+c2h5	2.40E+06	2.0	-1192.0
	c5h10o-AB+ho2=>h2o2+acrol+c2h5	2.50E+04	2.5	11605.0
	c5h10o-AB+h=>h2+nc3h7coch2	2.40E+08	1.5	2005.0
	c5h10o-AB+oh=>h2o+nc3h7coch2	1.20E+06	2.0	-1192.0
6509.	c5h10o-AB+ho2=>h2o2+nc3h7coch2	1.00E+04	2.5	9400.0
6510.	c5h10o-BC+h=>h2+ch3+mvk	2.40E+08	1.5	2005.0
6511.	c5h10o-BC+oh=>h2o+ch3+mvk	1.20E+06	2.0	-1192.0
6512.	c5h10o-BC+ho2=>h2o2+ch3+mvk	1.00E+04	2.5	9400.0
6513.	c5h10o-BC+h=>h2+ch3chco+c2h5	2.40E+08	1.5	2005.0
	c5h10o-BC+oh=>h2o+ch3chco+c2h5	1.20E+06	2.0	-1192.0
	c5h10o-BC+ho2=>h2o2+ch3chco+c2h5	1.00E+04	2.5	9400.0
	c5h10o-AC+h=>h2+c4h8+hco	4.80E+08	1.5	2785.0
	c5h10o-AC+oh=>h2o+c4h8+hco	2.40E+06	2.0	-1192.0
	c5h10o-AC+ho2=>h2o2+c4h8+hco	2.50E+04	2.5	11605.0
	c5h10o-AC+h=>h2+c2h4+c2h5co	2.40E+08	1.5	2005.0
	c5h10o-AC+n->h2o+c2h4+c2h5co	1.20E+06	2.0	-1192.0
	c5h10o-AC+ho2=>h2o2+c2h4+c2h5co	1.00E+04	2.5	9400.0
	c5h10o-BD+h=>h2+c3h6+ch3co	4.80E+08	1.5	2005.0
	c5h10o-BD+oh=>h2o+c3h6+ch3co	2.40E+06	2.0	-1192.0
	c5h10o-BD+ho2=>h2o2+c3h6+ch3co	2.00E+04	2.5	9400.0
	c5h10o-AD+h=>h2+c3h6+ch2hco	4.80E+08	1.5	2785.0
	c5h10o-AD+oh=>h2o+c3h6+ch2hco	2.40E+06	2.0	-1192.0
	c5h10o-AD+ho2=>h2o2+c3h6+ch2hco	2.50E+04	2.5	11605.0
6528.	c5h10o-AD+h=>h2+c2h4+ch2coch3	2.40E+08	1.5	2005.0
	c5h10o-AD+oh=>h2o+c2h4+ch2coch3	1.20E+06	2.0	-1192.0
6530.	c5h10o-AD+ho2=>h2o2+c2h4+ch2coch3	1.00E+04	2.5	9400.0
6531.	c5h10o-AE+h=>h2+c2h4+ch2ch2hco	9.60E+08	1.5	2785.0
6532.	c5h10o-AE+oh=>h2o+c2h4+ch2ch2hco	4.80E+06	2.0	-1192.0
6533.	c5h10o-AE+ho2=>h2o2+c2h4+ch2ch2hco	5.00E+04	2.5	11605.0
6534.	c4h7hco-1+h=h2+c4h7co-1	4.00E+13	0.0	4200.0
6535.	c4h7hco-1+oh=h2o+c4h7co-1	4.20E+12	0.0	500.0
	c4h7hco-1+ho2=h2o2+c4h7co-1	1.00E+12	0.0	10000.0
	c4h7hco-1+ch3=ch4+c4h7co-1	2.00E-06	5.6	2500.0
	c4h7hco-1+c2h5=c2h6+c4h7co-1	1.30E+12	0.0	8500.0
	c4h7co-1=>co+Dc4h7-1	2.00E+13	0.0	28700.0
	c4h7co-1+ho2=>co2+oh+Dc4h7-1	2.00E+13	0.0	0.0
	c4h7hco-2+h=h2+c4h7co-2	4.00E+13	0.0	4200.0
	c4h7hco-2+n=h2+c4h7co-2 c4h7hco-2+oh=h2o+c4h7co-2	4.20E+13	0.0	500.0
	c4h7hco-2+ho2=h2o2+c4h7co-2	1.00E+12	0.0	10000.0
	c4h7hco-2+ch3=ch4+c4h7co-2	2.00E-06	5.6	2500.0
	c4h7hco-2+c2h5=c2h6+c4h7co-2	1.30E+12	0.0	8500.0
	c4h7co-2=>co+Cc4h7-1	2.00E+13	0.0	28700.0
	c4h7co-2+ho2=>co2+oh+Cc4h7-1	2.00E+13	0.0	0.0
6548.	c3h7coch3+oh=c3h6coch3-1+h2o	2.06E+07	1.7	753.0
	Reverse Arrhenius coefficients:	3.60E+06	1.8	20170.0
6549.	c3h7coch3+ho2=c3h6coch3-1+h2o2	2.38E+04	2.5	16490.0
	Reverse Arrhenius coefficients:	2.46E+04	2.2	4442.0
	c3h7coch3+o=c3h6coch3-1+oh	2.25E+13	0.0	7700.0
6551.	c3h7coch3+h=c3h6coch3-1+h2	9.16E+06	2.0	7700.0

6552.	c3h7coch3+o2=c3h6coch3-1+ho2	2.05E+13	0.0	51310.0
6553.	c3h7coch3+ch3=c3h6coch3-1+ch4	3.19E+01	3.2	7172.0
6554.	c3h7coch3+oh=c3h6coch3-2+h2o	3.61E+07	1.6	-247.0
	Reverse Arrhenius coefficients:	3.67E+05	2.0	21660.0
6555	c3h7coch3+ho2=c3h6coch3-2+h2o2	5.60E+12	0.0	17700.0
0333.				
	Reverse Arrhenius coefficients:	3.37E+11	0.1	8142.0
6556.	c3h7coch3+oh=c3h6coch3-3+h2o	8.45E+11	0.0	-228.0
	Reverse Arrhenius coefficients:	2.37E+13	-0.3	28700.0
6557.	c3h7coch3+ho2=c3h6coch3-3+h2o2	2.00E+11	0.0	8698.0
	Reverse Arrhenius coefficients:	3.33E+13	-0.6	6160.0
6558.	c3h7coch3+o=c3h6coch3-3+oh	3.07E+13	0.0	3400.0
6559.	c3h7coch3+h=c3h6coch3-3+h2	4.46E+06	2.0	3200.0
	c3h7coch3+o2=c3h6coch3-3+ho2	1.55E+13	0.0	41970.0
	c3h7coch3+ch3=c3h6coch3-3+ch4	1.74E+00	3.5	3680.0
656Z.	c3h7coch3+oh=nc3h7coch2+h2o	5.10E+11	0.0	1192.0
	Reverse Arrhenius coefficients:	9.29E+13	-0.7	27730.0
6563.	c3h7coch3+ho2=nc3h7coch2+h2o2	2.38E+04	2.5	14690.0
	Reverse Arrhenius coefficients:	2.57E+07	1.5	9762.0
6564.	c3h7coch3+o=nc3h7coch2+oh	5.00E+12	0.0	5962.0
6565.	c3h7coch3+h=nc3h7coch2+h2	9.30E+12	0.0	6357.0
	c3h7coch3+o2=nc3h7coch2+ho2	2.05E+13	0.0	49150.0
	c3h7coch3+ch3=nc3h7coch2+ch4	1.62E+11	0.0	9630.0
	c3h6coch3-1+o2=ch3coc3h6o2-1	9.00E+18	-2.5	0.0
	ch3coc3h6o2-1+ho2=ch3coc3h6o2h-1+o2	2.29E+11	0.0	-1790.0
	ch3coc3h6o2h-1=ch3coc3h6o-1+oh	1.50E+16	0.0	42500.0
	ch2o+ch3coc2h4p=ch3coc3h6o-1	1.50E+11	0.0	11900.0
6572.	c3h6coch3-1=c2h4+ch2coch3	2.90E+16	-1.2	27000.0
	Reverse Arrhenius coefficients:	1.00E+11	0.0	8600.0
6573.	c3h6coch3-2=c3h6+ch3co	2.72E+16	-1.1	25590.0
	Reverse Arrhenius coefficients:	1.00E+11	0.0	7800.0
6574	c3h6coch3-3=mvk+ch3	9.61E+15	-0.8	32390.0
0371.	Reverse Arrhenius coefficients:	1.00E+11	0.0	7800.0
6575	nc3h7coch2=nc3h7+ch2co	1.23E+18	-1.4	43450.0
05/5.				
	Reverse Arrhenius coefficients:	1.00E+11	0.0	11600.0
	nc3h7coch2+o2=nc3h7coch2o2	9.00E+18	-2.5	0.0
	nc3h7coch2o2+ho2=nc3h7coch2o2h+o2	2.29E+11	0.0	-1790.0
	nc3h7coch2o2h=nc3h7coch2o+oh	1.50E+16	0.0	42500.0
6579.	ch2o+c3h7co=nc3h7coch2o	1.50E+11	0.0	11900.0
6580.	c2h5coc2h5+oh=c2h5coc2h4p+h2o	1.05E+10	1.0	1586.0
	Reverse Arrhenius coefficients:	1.19E+09	0.9	21030.0
6581.	c2h5coc2h5+ho2=c2h5coc2h4p+h2o2	4.76E+04	2.5	16490.0
	Reverse Arrhenius coefficients:	3.20E+04	2.2	4472.0
6582	c2h5coc2h5+o2=c2h5coc2h4p+ho2	4.10E+13	0.0	51310.0
0302.	Reverse Arrhenius coefficients:	1.95E+10	0.3	-1882.0
CE02				
0583.	c2h5coc2h5+h=c2h5coc2h4p+h2	1.83E+07	2.0	7700.0
	Reverse Arrhenius coefficients:	4.79E+05	2.0	11990.0
6584.	c2h5coc2h5+oh=c2h5coc2h4s+h2o	1.69E+12	0.0	-228.0
	Reverse Arrhenius coefficients:	3.30E+13	-0.3	28740.0
6585.	c2h5coc2h5+ho2=c2h5coc2h4s+h2o2	4.00E+11	0.0	8698.0
	Reverse Arrhenius coefficients:	4.63E+13	-0.7	6200.0
6586.	c2h5coc2h5+o2=c2h5coc2h4s+ho2	3.10E+13	0.0	41970.0
	Reverse Arrhenius coefficients:	2.54E+12	0.0	-1702.0
6587	c2h5coc2h5+h=c2h5coc2h4s+h2	8.96E+06	2.0	3200.0
0307.	Reverse Arrhenius coefficients:	4.04E+07	1.7	17010.0
<b>C</b> F00				
0588.	c2h5coc2h4s=c2h5coc2h3+h	8.70E+16	-0.8	42130.0
	Reverse Arrhenius coefficients:	1.30E+13	0.0	1560.0
6589.	c2h5coc2h4p=c2h5co+c2h4	1.55E+17	-1.5	27840.0
	Reverse Arrhenius coefficients:	7.00E+10	0.0	9600.0
	c2h5coc2h4p+o2=c2h5coc2h4o2	9.00E+18	-2.5	0.0
6591.	c2h5coc2h4o2+ho2=c2h5coc2h4o2h+o2	2.29E+11	0.0	-1790.0
	c2h5coc2h4o2h=c2h5coc2h4o+oh	1.50E+16	0.0	42500.0
- •				

6593.	ch2o+c2h5coch2=c2h5coc2h4o	1.50E+11	0.0	11900.0
6594.	c2h5coc2h3=>c2h3+c2h5co	7.94E+17	0.0	84456.0
6595.	c2h5coc2h3=>c2h3co+c2h5	7.94E+17	0.0	84456.0
6596.	c2h5coc2h3+oh=c2h5coch2+ch2o	1.00E+10	0.0	0.0
	Reverse Arrhenius coefficients:	1.67E+11	-0.4	18220.0
6597	c2h5coc2h3+ho2=c2h5co+ch2hco+oh	6.03E+09	0.0	7949.0
0357.	Reverse Arrhenius coefficients:	1.00E+00	0.0	0.0
6500	c2h5coc2h3+ch3o2=c2h5co+ch2hco+ch3o	3.97E+11	0.0	17050.0
0370.	Reverse Arrhenius coefficients:	1.00E+00	0.0	0.0
<b>C</b> F00				
6599.	c2h5coc2h3+oh=pc2h4coc2h3+h2o	7.55E+09	1.0	1586.0
	Reverse Arrhenius coefficients:	1.28E+08	2.5	20210.0
6600.	c2h5coc2h3+ho2=pc2h4coc2h3+h2o2	2.38E+04	2.5	16490.0
	Reverse Arrhenius coefficients:	2.40E+03	3.8	3652.0
6601.	c2h5coc2h3+ch3o2=pc2h4coc2h3+ch3o2h	3.01E+12	0.0	19380.0
	Reverse Arrhenius coefficients:	1.25E+12	1.1	5822.0
	c2h5coc2h3+o2=pc2h4coc2h3+ho2	2.05E+13	0.0	51310.0
6603.	c2h5coc2h3+h=pc2h4coc2h3+h2	9.16E+06	2.0	7700.0
6604.	c2h5coc2h3+c2h3=pc2h4coc2h3+c2h4	5.00E+11	0.0	10400.0
6605.	c2h5coc2h3+c2h5=pc2h4coc2h3+c2h6	5.00E+10	0.0	13400.0
6606.	c2h5coc2h3+ch3o=pc2h4coc2h3+ch3oh	2.17E+11	0.0	6460.0
	c2h5coc2h3+oh=sc2h4coc2h3+h2o	8.45E+11	0.0	-228.0
	Reverse Arrhenius coefficients:	1.35E+13	-0.2	28600.0
6608	c2h5coc2h3+ho2=sc2h4coc2h3+h2o2	2.00E+11	0.0	8698.0
	Reverse Arrhenius coefficients:	1.90E+13	-0.5	6065.0
6609	c2h5coc2h3+ch3o2=sc2h4coc2h3+ch3o2h	2.00E+12	0.0	15250.0
0009.	Reverse Arrhenius coefficients:	7.79E+14	-0.7	11900.0
6610	c2h5coc2h3+o2=sc2h4coc2h3+ho2	1.55E+13	0.0	41970.0
	c2h5coc2h3+h=sc2h4coc2h3+h2	4.48E+06	2.0	3200.0
	c2h5coc2h3+c2h3=sc2h4coc2h3+c2h4	3.00E+11	0.0	5600.0
	c2h5coc2h3+c2h5=sc2h4coc2h3+c2h6	3.00E+10	0.0	8600.0
	c2h5coc2h3+ch3o=sc2h4coc2h3+ch3oh	1.45E+11	0.0	2771.0
6615.	pc2h4coc2h3=c2h3co+c2h4	5.26E+14	0.4	21460.0
	Reverse Arrhenius coefficients:	8.00E+10	0.0	11300.0
6616.	sc2h4coc2h3=ch3chco+c2h3	1.64E+16	-0.7	54590.0
	Reverse Arrhenius coefficients:	8.00E+10	0.0	12600.0
6617.	c2h3+c2h3co=divinket	3.12E+14	-0.5	0.0
6618.	c4h8hco-2=c3h6+ch2hco	2.00E+13	0.0	24367.3
6619.	c4h8hco-2+o2=c4h7hco-1+ho2	7.50E+09	0.0	-2000.0
6620.	c4h8hco-2+o2=c4h7hco-2+ho2	1.80E+10	0.0	-2000.0
6621.	Ac6h13+o2=c6h13qjA	9.00E+18	-2.5	0.0
	Bc6h13+o2=c6h13qjB	1.70E+19	-2.5	0.0
	Cc6h13+o2=c6h13qjC	1.80E+19	-2.5	0.0
	Ac6h13+ho2=c6h13ojA+oh	7.00E+12	0.0	-1000.0
	Bc6h13+ho2=c6h13ojB+oh	7.00E+12	0.0	-1000.0
	Cc6h13+ho2=c6h13ojC+oh	7.00E+12	0.0	-1000.0
	Ac6h13+ch3o2=c6h13ojA+ch3o	7.00E+12 7.00E+12	0.0	-1000.0
	Bc6h13+ch3o2=c6h13ojB+ch3o			
		7.00E+12	0.0	-1000.0
	Cc6h13+ch3o2=c6h13ojC+ch3o	7.00E+12	0.0	-1000.0
	Ac6h13+c2h5o2=c6h13ojA+c2h5o	7.00E+12	0.0	-1000.0
	Bc6h13+c2h5o2=c6h13ojB+c2h5o	7.00E+12	0.0	-1000.0
	Cc6h13+c2h5o2=c6h13ojC+c2h5o	7.00E+12	0.0	-1000.0
	Ac6h13+nc3h7o2=c6h13ojA+nc3h7o	7.00E+12	0.0	-1000.0
	Bc6h13+nc3h7o2=c6h13ojB+nc3h7o	7.00E+12	0.0	-1000.0
	Cc6h13+nc3h7o2=c6h13ojC+nc3h7o	7.00E+12	0.0	-1000.0
6636.	Ac6h13+c6h13qjA=c6h13ojA+c6h13ojA	7.00E+12	0.0	-1000.0
6637.	Ac6h13+c6h13qjB=c6h13ojA+c6h13ojB	7.00E+12	0.0	-1000.0
6638.	Ac6h13+c6h13qjC=c6h13ojA+c6h13ojC	7.00E+12	0.0	-1000.0
	Bc6h13+c6h13qjA=c6h13ojB+c6h13ojA	7.00E+12	0.0	-1000.0
	Bc6h13+c6h13qjB=c6h13ojB+c6h13ojB	7.00E+12	0.0	-1000.0
	Bc6h13+c6h13qjC=c6h13ojB+c6h13ojC	7.00E+12	0.0	-1000.0
	Cc6h13+c6h13qjA=c6h13ojC+c6h13ojA	7.00E+12	0.0	-1000.0
· · •	<u> </u>			

6643.	Cc6h13+c6h13qjB=c6h13ojC+c6h13ojB	7.00E+12	0.0	-1000.0
	Cc6h13+c6h13qjC=c6h13ojC+c6h13ojC	7.00E+12	0.0	-1000.0
	c6h13ojA=ch2o+Ac5h11	7.17E+17	-1.3	15013.0
6646.	c6h13ojB=ch3hco+pc4h9	4.18E+12	0.4	10821.0
6647.	c6h13ojB=ch3+nc4h9hco	7.00E+11	0.6	15365.0
	c6h13ojC=ethco+nc3h7	5.28E+12	0.4	
	<del>-</del>			10946.0
	c6h13ojC=c2h5+nc3h7hco	2.37E+16	-0.6	10837.0
6650.	c6h13qA=oh+c6h13ojA	1.50E+16	0.0	42500.0
	c6h13qB=oh+c6h13ojB	1.25E+16	0.0	41600.0
	<del>-</del>	1.25E+16		41600.0
	c6h13qC=oh+c6h13ojC		0.0	
6653.	c6h13qjA=c6h12rBqA	5.70E+08	1.0	32500.0
6654.	c6h13qjA=c6h12rCqA	9.90E+07	1.0	25000.0
6655.	c6h13qjA=c6h12rDqA	1.70E+07	1.0	22000.0
	c6h13qjA=c6h12rEqA	2.90E+06	1.0	21000.0
	c6h13qjB=c6h12rAqB	8.65E+08	1.0	35500.0
6658.	c6h13qjB=c6h12rCqB	5.70E+08	1.0	32500.0
6659.	c6h13qjB=c6h12rDqB	9.90E+07	1.0	25000.0
	c6h13qjB=c6h12rEqB	1.70E+07	1.0	22000.0
	c6h13qjB=c6h12rFqB	4.35E+06	1.0	24000.0
	10 1			
	c6h13qjC=c6h12rAqC	1.48E+08	1.0	28000.0
6663.	c6h13qjC=c6h12rBqC	5.70E+08	1.0	32500.0
6664.	c6h13qjC=c6h12rDqC	5.70E+08	1.0	32500.0
	c6h13qjC=c6h12rEqC	9.90E+07	1.0	25000.0
	c6h13qjC=c6h12rFqC	2.53E+07	1.0	25000.0
6667.	c6h13qjA+ho2=c6h13qA+o2	2.90E+11	0.0	1550.0
6668.	c6h13qjB+ho2=c6h13qB+o2	2.90E+11	0.0	1550.0
	c6h13qjC+ho2=c6h13qC+o2	2.90E+11	0.0	1550.0
	c6h13qjA+ho2=c6h13ojA+oh+o2	1.00E+11	0.0	0.0
	c6h13qjB+ho2=c6h13ojB+oh+o2	1.00E+11	0.0	0.0
6672.	c6h13qjC+ho2=c6h13ojC+oh+o2	1.00E+11	0.0	0.0
6673.	c6h13qjA+ch3o2=c6h13ojA+ch3o+o2	1.00E+11	0.0	0.0
	c6h13qjB+ch3o2=c6h13ojB+ch3o+o2	1.00E+11	0.0	0.0
	c6h13qjC+ch3o2=c6h13ojC+ch3o+o2	1.00E+11	0.0	0.0
6676.	c6h13qjA+c2h5o2=c6h13ojA+c2h5o+o2	1.00E+11	0.0	0.0
6677.	c6h13qjB+c2h5o2=c6h13ojB+c2h5o+o2	1.00E+11	0.0	0.0
	c6h13qjC+c2h5o2=c6h13ojC+c2h5o+o2	1.00E+11	0.0	0.0
	c6h13qjA+nc3h7o2=c6h13ojA+nc3h7o+o2	1.00E+11	0.0	
				0.0
	c6h13qjB+nc3h7o2=c6h13ojB+nc3h7o+o2	1.00E+11	0.0	0.0
6681.	c6h13qjC+nc3h7o2=c6h13ojC+nc3h7o+o2	1.00E+11	0.0	0.0
6682.	c6h13qjA+c6h13qjA=c6h13ojA+c6h13ojA+o2	1.00E+11	0.0	0.0
	c6h13qjA+c6h13qjB=c6h13ojA+c6h13ojB+o2	1.00E+11	0.0	0.0
	c6h13qjA+c6h13qjC=c6h13ojA+c6h13ojC+o2			
	10 10 0	1.00E+11	0.0	0.0
	c6h13qjB+c6h13qjB=c6h13ojB+c6h13ojB+o2	1.00E+11	0.0	0.0
6686.	c6h13qjB+c6h13qjC=c6h13ojB+c6h13ojC+o2	1.00E+11	0.0	0.0
6687.	c6h13qjC+c6h13qjC=c6h13ojC+c6h13ojC+o2	1.00E+11	0.0	0.0
	c6h12rBqA+o2=c6h12qjBqA	1.70E+19	-2.5	0.0
	c6h12rCqA+o2=c6h12qjCqA	1.80E+19	-2.5	0.0
6690.	c6h12rDqA+o2=c6h12qjDqA	1.80E+19	-2.5	0.0
6691.	c6h12rEqA+o2=c6h12qjEqA	1.70E+19	-2.5	0.0
	c6h12rAqB+o2=c6h12qjAqB	9.00E+18	-2.5	0.0
	c6h12rCqB+o2=c6h12qjCqB	1.80E+19	-2.5	0.0
	10 10 1			
	c6h12rDqB+o2=c6h12qjDqB	1.80E+19	-2.5	0.0
6695.	c6h12rEqB+o2=c6h12qjEqB	1.70E+19	-2.5	0.0
6696.	c6h12rFqB+o2=c6h12qjFqB	9.00E+18	-2.5	0.0
	c6h12rAqC+o2=c6h12qjAqC	9.00E+18	-2.5	0.0
	c6h12rBqC+o2=c6h12qjBqC	1.70E+19		
			-2.5	0.0
	c6h12rDqC+o2=c6h12qjDqC	1.80E+19	-2.5	0.0
6700.	c6h12rEqC+o2=c6h12qjEqC	1.70E+19	-2.5	0.0
6701.	c6h12rFqC+o2=c6h12qjFqC	9.00E+18	-2.5	0.0
	c6h12rAqC=>oh+c2h4+nc3h7hco	5.00E+13	0.0	25500.0
	c6h12rCqA=>oh+ch2o+c5h10	5.00E+13	0.0	25500.0
0703.	CONTATOMA->ONTONAOTHO	J.UUETI3	0.0	43300.0

6704.	c6h12rDqB=>oh+ch3hco+c4h8	5.00E+13	0.0	25500.0
	c6h12rEqC=>oh+c3h6+ethco	5.00E+13	0.0	25500.0
	<del>-</del>			
	c6h12rBqA=oh+c6h12o-AB	1.38E+12	0.0	15900.0
6707.	c6h12rCqA=oh+c6h12o-AC	2.04E+11	0.0	19500.0
6708.	c6h12rDqA=oh+c6h12o-AD	3.63E+10	0.0	13000.0
	c6h12rEqA=oh+c6h12o-AE	1.70E+08	0.0	1950.0
	<del>-</del>			
	c6h12rAqB=oh+c6h12o-AB	1.38E+12	0.0	15900.0
6711.	c6h12rCqB=oh+c6h12o-BC	1.38E+12	0.0	15900.0
	c6h12rDqB=oh+c6h12o-BD	2.04E+11	0.0	19500.0
	<del>-</del>	3.63E+10		
	c6h12rEqB=oh+c6h12o-BE		0.0	13000.0
6714.	c6h12rFqB=oh+c6h12o-AE	1.70E+08	0.0	1950.0
6715.	c6h12rBqC=oh+c6h12o-BC	1.38E+12	0.0	15900.0
	c6h12rAqC=oh+c6h12o-AC	2.04E+11	0.0	19500.0
	c6h12rDqC=oh+c6h12o-CD	1.38E+12	0.0	15900.0
6718.	c6h12rEqC=oh+c6h12o-BD	2.04E+11	0.0	19500.0
6719.	c6h12rFqC=oh+c6h12o-AD	3.63E+10	0.0	13000.0
	ho2+c6h12-1=c6h12rBqA	1.50E+11	0.0	7800.0
	ho2+c6h12-1=c6h12rAqB	1.50E+11	0.0	7800.0
6722.	ho2+c6h12-2=c6h12rBqC	1.50E+11	0.0	7800.0
6723.	ho2+c6h12-2=c6h12rCqB	1.50E+11	0.0	7800.0
	ho2+c6h12-3=c6h12rDqC	1.50E+11	0.0	7800.0
	c6h12qjBqA=oh+c6h11oAqB	3.35E+09	1.0	33500.0
6726.	c6h12qjCqA=oh+c6h11oAqC	5.75E+08	1.0	26000.0
6727.	c6h12qjDqA=oh+c6h11oAqD	9.89E+07	1.0	23000.0
	c6h12qjEqA=oh+c6h11oAqE	1.70E+07	1.0	22000.0
			1.0	
	c6h12qjAqB=oh+c6h11oBqA	1.67E+09		30500.0
	c6h12qjCqB=oh+c6h11oBqC	1.67E+09	1.0	30500.0
6731.	c6h12qjDqB=oh+c6h11oBqD	2.87E+08	1.0	23000.0
6732.	c6h12qjEqB=oh+c6h11oBqE	4.94E+07	1.0	20000.0
	c6h12qjFqB=oh+c6h11oBqF	8.49E+06	1.0	19000.0
	c6h12qjAqC=oh+c6h11oCqA	2.87E+08	1.0	23000.0
6735.	c6h12qjBqC=oh+c6h11oCqB	1.67E+09	1.0	30500.0
6736.	c6h12qjDqC=oh+c6h11oCqD	1.67E+09	1.0	30500.0
	c6h12qjEqC=oh+c6h11oCqE	2.87E+08	1.0	23000.0
	c6h12qjFqC=oh+c6h11oCqF	4.94E+07	1.0	20000.0
6739.	c6h11oAqB=>oh+hco+nc4h9hco	1.00E+16	0.0	43000.0
6740.	c6h11oAqC=>oh+ch2hco+nc3h7hco	1.00E+16	0.0	43000.0
	c6h11oAqD=>oh+ethco+ch2ch2hco	1.00E+16	0.0	43000.0
	c6h11oAqE=>oh+ch3hco+c3h6cho-1	1.00E+16	0.0	43000.0
6743.	c6h11oBqA=>oh+ch2o+nc4h9co	1.00E+16	0.0	43000.0
6744.	c6h11oBqC=>oh+ch3co+nc3h7hco	1.00E+16	0.0	43000.0
	c6h11oBqD=>oh+ethco+ch2coch3	1.00E+16	0.0	43000.0
	<del>-</del>			
	c6hlloBqE=>oh+ch3hco+ch3coc2h4p	1.00E+16	0.0	43000.0
6747.	c6h11oBqF=>oh+ch2o+c3h6coch3-1	1.00E+16	0.0	43000.0
6748.	c6h11oCqA=>oh+ch2o+nc3h7coch2	1.00E+16	0.0	43000.0
	c6h11oCqB=>oh+ch3hco+c3h7co	1.00E+16	0.0	43000.0
	c6h11oCqD=>oh+ethco+c2h5co			
		1.00E+16	0.0	43000.0
	c6h11oCqE=>oh+ch3hco+c2h5coch2	1.00E+16	0.0	43000.0
6752.	c6h11oCqF=>oh+ch2o+c2h5coc2h4p	1.00E+16	0.0	43000.0
6753.	c6h12o-AB+h=>h2+acrol+nc3h7	4.80E+08	1.5	2785.0
	c6h12o-AB+oh=>h2o+acrol+nc3h7	2.40E+06	2.0	-1192.0
	c6h12o-AB+ho2=>h2o2+acrol+nc3h7	2.50E+04	2.5	11605.0
6756.	c6h12o-AB+h=>h2+ch2co+pc4h9	2.40E+08	1.5	2005.0
6757.	c6h12o-AB+oh=>h2o+ch2co+pc4h9	1.20E+06	2.0	-1192.0
	c6h12o-AB+ho2=>h2o2+ch2co+pc4h9	1.00E+04	2.5	9400.0
	c6h12o-BC+h=>h2+mvk+c2h5	2.40E+08	1.5	2005.0
	c6h12o-BC+oh=>h2o+mvk+c2h5	1.20E+06	2.0	-1192.0
6761.	c6h12o-BC+ho2=>h2o2+mvk+c2h5	1.00E+04	2.5	9400.0
	c6h12o-BC+h=>h2+ch3chco+nc3h7	2.40E+08	1.5	2005.0
	c6h12o-BC+oh=>h2o+ch3chco+nc3h7	1.20E+06	2.0	-1192.0
6/64.	c6h12o-BC+ho2=>h2o2+ch3chco+nc3h7	1.00E+04	2.5	9400.0

6765.	c6h12o-CD+h=>h2+ch3+c2h5coc2h3	4.80E+08	1.5	2005.0
6766.	c6h12o-CD+oh=>h2o+ch3+c2h5coc2h3	2.40E+06	2.0	-1192.0
	c6h12o-CD+ho2=>h2o2+ch3+c2h5coc2h3	2.00E+04	2.5	9400.0
	c6h12o-AC+h=>h2+c5h10+hco		1.5	
		4.80E+08		2785.0
	c6h12o-AC+oh=>h2o+c5h10+hco	2.40E+06	2.0	-1192.0
6770.	c6h12o-AC+ho2=>h2o2+c5h10+hco	2.50E+04	2.5	11605.0
6771.	c6h12o-AC+h=>h2+c2h4+c3h7co	2.40E+08	1.5	2005.0
6772.	c6h12o-AC+oh=>h2o+c2h4+c3h7co	1.20E+06	2.0	-1192.0
	c6h12o-AC+ho2=>h2o2+c2h4+c3h7co	1.00E+04	2.5	9400.0
	c6h12o-BD+h=>h2+c4h8+ch3co	2.40E+08	1.5	2005.0
	c6h12o-BD+h=>h2o+c4h8+ch3co		2.0	
		1.20E+06		-1192.0
	c6h12o-BD+ho2=>h2o2+c4h8+ch3co	1.00E+04	2.5	9400.0
	c6h12o-BD+h=>h2+c3h6+c2h5co	2.40E+08	1.5	2005.0
6778.	c6h12o-BD+oh=>h2o+c3h6+c2h5co	1.20E+06	2.0	-1192.0
6779.	c6h12o-BD+ho2=>h2o2+c3h6+c2h5co	1.00E+04	2.5	9400.0
6780.	c6h12o-AD+h=>h2+c4h8+ch2hco	4.80E+08	1.5	2785.0
	c6h12o-AD+oh=>h2o+c4h8+ch2hco	2.40E+06	2.0	-1192.0
	c6h12o-AD+ho2=>h2o2+c4h8+ch2hco	2.50E+04	2.5	11605.0
			1.5	
	c6h12o-AD+h=>h2+c2h4+c2h5coch2	2.40E+08		2005.0
	c6h12o-AD+oh=>h2o+c2h4+c2h5coch2	1.20E+06	2.0	-1192.0
6785.	c6h12o-AD+ho2=>h2o2+c2h4+c2h5coch2	1.00E+04	2.5	9400.0
6786.	c6h12o-BE+h=>h2+c3h6+ch2coch3	4.80E+08	1.5	2005.0
6787.	c6h12o-BE+oh=>h2o+c3h6+ch2coch3	2.40E+06	2.0	-1192.0
6788.	c6h12o-BE+ho2=>h2o2+c3h6+ch2coch3	1.00E+04	2.5	9400.0
	c6h12o-AE+h=>h2+c3h6+ch2ch2hco	4.80E+08	1.5	2785.0
	c6h12o-AE+oh=>h2o+c3h6+ch2ch2hco	2.40E+06	2.0	-1192.0
	c6h12o-AE+ho2=>h2o2+c3h6+ch2ch2hco	2.50E+04	2.5	11605.0
	c6h12o-AE+h=>h2+c2h4+ch3coc2h4p	2.40E+08	1.5	2005.0
	c6h12o-AE+oh=>h2o+c2h4+ch3coc2h4p	1.20E+06	2.0	-1192.0
6794.	c6h12o-AE+ho2=>h2o2+c2h4+ch3coc2h4p	1.00E+04	2.5	9400.0
6795.	hexanone+h=>h2+ch2co+pc4h9	2.70E+07	2.0	5000.0
	hexanone+oh=>h2o+ch2co+pc4h9	7.80E+06	2.0	-765.0
	hexanone+ho2=>h2o2+ch2co+pc4h9	1.20E+12	0.0	15500.0
	hexanone+ch3=>ch4+ch2co+pc4h9	6.00E+11	0.0	9600.0
	hexanone+ch3o2=>ch3o2h+ch2co+pc4h9	6.00E+11	0.0	9600.0
	hexanone+c2h5=>c2h6+ch2co+pc4h9	6.00E+11	0.0	11000.0
	Ac7h15+o2=c7h15qjA	9.00E+18	-2.5	0.0
6802.	Bc7h15+o2=c7h15qjB	1.70E+19	-2.5	0.0
6803.	Cc7h15+o2=c7h15qjC	1.80E+19	-2.5	0.0
6804.	Dc7h15+o2=c7h15qjD	1.80E+19	-2.5	0.0
	Ac7h15+ho2=c7h15ojA+oh	7.00E+12	0.0	-1000.0
	Bc7h15+ho2=c7h15ojB+oh	7.00E+12	0.0	-1000.0
	Cc7h15+ho2=c7h15ojC+oh			
	<u> </u>	7.00E+12	0.0	-1000.0
	Dc7h15+ho2=c7h15ojD+oh	7.00E+12	0.0	-1000.0
	Ac7h15+ch3o2=c7h15ojA+ch3o	7.00E+12	0.0	-1000.0
6810.	Bc7h15+ch3o2=c7h15ojB+ch3o	7.00E+12	0.0	-1000.0
6811.	Cc7h15+ch3o2=c7h15ojC+ch3o	7.00E+12	0.0	-1000.0
6812.	Dc7h15+ch3o2=c7h15ojD+ch3o	7.00E+12	0.0	-1000.0
	Ac7h15+c2h5o2=c7h15ojA+c2h5o	7.00E+12	0.0	-1000.0
	Bc7h15+c2h5o2=c7h15ojB+c2h5o	7.00E+12	0.0	-1000.0
	Cc7h15+c2h5o2=c7h15ojC+c2h5o	7.00E+12	0.0	-1000.0
	5			
	Dc7h15+c2h5o2=c7h15ojD+c2h5o	7.00E+12	0.0	-1000.0
	Ac7h15+nc3h7o2=c7h15ojA+nc3h7o	7.00E+12	0.0	-1000.0
	Bc7h15+nc3h7o2=c7h15ojB+nc3h7o	7.00E+12	0.0	-1000.0
6819.	Cc7h15+nc3h7o2=c7h15ojC+nc3h7o	7.00E+12	0.0	-1000.0
6820.	Dc7h15+nc3h7o2=c7h15ojD+nc3h7o	7.00E+12	0.0	-1000.0
	Ac7h15+ic3h7o2=c7h15ojA+ic3h7o	7.00E+12	0.0	-1000.0
	Bc7h15+ic3h7o2=c7h15ojB+ic3h7o	7.00E+12	0.0	-1000.0
	Cc7h15+ic3h7o2=c7h15ojC+ic3h7o	7.00E+12	0.0	-1000.0
	Dc7h15+ic3h7o2=c7h15ojC+ic3h7o	7.00E+12 7.00E+12	0.0	-1000.0
<b>08</b> ∠5.	Ac7h15+c7h15qjA=2c7h15ojA	7.00E+12	0.0	-1000.0

6826. Bc/h15+c/h15q/hac/h15ojak-c/h15ojak 6727. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6727. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6728. Ac/h15+c/h15q/hac/h15ojak-c/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak 6729. Ac/h15+c/h15q/hac/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/hac/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/bc-c/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/bc-c/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/bc-c/h15ojak-c/h15ojak 6720. Cc/h15+c/h15q/bc-c/h15ojak-c/h15ojak 6721. Ac/h15+c/h15q/bc-c/h15ojak-c/h15ojak 6721. Ac/h15-c/h15q/bc-c/h15ojak-c/h15ojak 6721. Ac/h15-c/h15q/bc-c/h15ojak 6721. Ac/h15-c/h15q/bc-c/h15ojak 6721. Ac/h15ojak-c/h15ojak 6721. Ac/h15ojak-c/h15ojak-c/h15ojak 6721. Ac/h15ojak-c/h15ojak-c/h15ojak 6721. Ac/h15oja					
6828. Crhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6828. Drhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6828. Drhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6830. Brhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6831. Crhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6832. Drhis+orhisqia-crhisoja         7.00E+12         0.0         -1000.0           6833. Brhis+orhisqic-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6834. Brhis+orhisqic-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6835. Crhis+orhisqic-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6837. Arhis+orhisqip-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6838. Brhis-orhisqip-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6839. Crhis-torhisqip-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6831. Arhis-torhisqip-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6832. Crhis-torhisqip-crhisoja-crhisoja         7.00E+12         0.0         -1000.0           6841. Crhis-torh	6826.	Bc7h15+c7h15qjA=c7h15ojB+c7h15ojA	7.00E+12	0.0	-1000.0
6828. De7h15+c7h15gja-c7h15gja c7h15gja         7.00E+12         0.0         -1000.0           6829. Ac7h15+c7h15gja bc7h15gja         7.00E+12         0.0         -1000.0           6831. Cc7h15+c7h15gja-c7h15gja         7.00E+12         0.0         -1000.0           6832. Dc7h15+c7h15gja-c7h15gje c7h15gja         7.00E+12         0.0         -1000.0           6833. Ac7h15+c7h15gjc-c7h15gjc c7h15gjc         7.00E+12         0.0         -1000.0           6834. Bc7h15+c7h15gjc-c7h15gjc c7h15gjc         7.00E+12         0.0         -1000.0           6835. Cc7h15+c7h15gjc-c7h15gjc-c7h15gjc         7.00E+12         0.0         -1000.0           6836. Dc7h15+c7h15gjc-c7h15gjc-c7h15gjc         7.00E+12         0.0         -1000.0           6837. Ac7h15+c7h15gjD-c7h15gjc-c7h15gjc         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15gjD-c7h15gje-c7h15gjp         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15gjD-c7h15gje-c7h15gjp         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15gjD-c7h15gje-c7h15gjp         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15gjD-c7h15gje-bc7h15gjp         7.0E+12         0.0         -1000.0           6841. C7h15gjB-c7h14gg         1.70E+12         0.0         -1000.0 <t< td=""><td></td><td></td><td>7 OOE+12</td><td></td><td></td></t<>			7 OOE+12		
6829. Ac7h15+c7h15qiB=c7h15ojB					
6831. cc7h15+c7h15qip=c7h15ojpC+c7h15ojB					
6831. Cc7h15+c7h15qiB=c7h15ojc+c7h15ojB         7.00s+12         0.0         -1000.0           6832. Dc7h15+c7h15qiB=c7h15oja+c7h15ojB         7.00s+12         0.0         -1000.0           6833. Ac7h15+c7h15qiC=c7h15ojB+c7h15ojC         7.00s+12         0.0         -1000.0           6834. Bc7h15+c7h15qiC=c7h15ojB-c7h15ojC         7.00s+12         0.0         -1000.0           6835. Cc7h15+c7h15qiC=c7h15ojD-c7h15ojC         7.00s+12         0.0         -1000.0           6836. Dc7h15+c7h15qiD=c7h15ojD-c7h15ojD         7.00s+12         0.0         -1000.0           6837. Ac7h15+c7h15qiD=c7h15ojD-c7h15ojD         7.00s+12         0.0         -1000.0           6839. Cc7h15+c7h15qiD=c7h15ojD         7.00s+12         0.0         -1000.0           6840. Dc7h15+c7h15qiD=c7h15ojD         7.00s+12         0.0         -1000.0           6841. c7h15qjA-ch2cAc6h13         4.72s+19         -1.9         +1898.5           6842. c7h15ojB-ch3bc+Ac5h11         8.06e+09         1.2         9903.0           6843. c7h15ojB-ch3bc+Ac5h11         8.06e+09         1.2         9903.0           6844. c7h15ojC-c2bs-hoc4pd49         1.81s+12         0.5         10510.0           6845. c7h15qiC-cchac4pd49         1.81s+12         0.5         10510.0           6845. c7h15qa-chac4ph14pd					
6832、De7h15+c7h15qip=c7h15qip+c7h15qip 6833、Ac7h15+c7h15qip=c7h15qip+c7h15qip 6834、Be7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6835、Ce7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6836、De7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6837、Ac7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6838. Be7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6838. Be7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6838. Be7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6839. Be7h15+c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6840. De7h15+c7h15qip=c7h15qip 7.008+12 0.0 -1000.0 6841. c7h15qip=c7h15qip+c7h15qip 7.008+12 0.0 -1000.0 6841. c7h15qip=c7h15qip 6842. c7h15qip=c7h15qip 6842. c7h15qip=c7h15qip 6843. c7h15qip=c7h15qip 6844. c7h15qip=c7h15qip 6844. c7h15qip=c7h15qip 6844. c7h15qip=c7h15qip 6845. c7h15qip=c7h15qip 6846. c7h15qip=c7h15qip 6847. c7h15qip=c7h15qip 6848. c7h15qip=c7h15qip 6849. c7h15qip=ch1qh15qip 6841. c7h15qip=ch1qh15qip 6843. c7h15qip=ch1qh15qip 6844. c7h15qip=ch1qh15qip 6844. c7h15qip=ch1qh15qip 6845. c7h15qip=ch1qh15qip 6846. c7h15qip=ch1qh15qip 6847. c7h15qip=ch1qh15qip 6848. c7h15qip=ch1qh15qip 6849. c7h15qip=ch1qh15qip 6850. c7h15qip=ch1qh1qqq 6851. c7h15qip=ch1qh1qqq 6851. c7h15qip=ch1qh1qqq 6851. c7h15qip=ch1qh1qqq 6852. c7h15qip=c7h1qqq 6853. c7h15qip=c7h1qqq 6854. c7h15qip=c7h1qqq 6856. c7h15qip=c7h1qqq 6866. c7h15qip=c7h1qqq 6867. c7h15qip=c7h1qqq 6868. c7h15qip=c7h1qqq 6869. c7h15qip=c7h1qqq 6860. c7h15qip=					
6833. Ac7h15+c7h15giC=c7h15gjA+c7h15gjC         7.00E+12         0.0         -1000.0           6834. Bc7h15+c7h15giC=c7h15gjC         7.00E+12         0.0         -1000.0           6835. Cc7h15+c7h15giC=c7h15gjC         7.00E+12         0.0         -1000.0           6836. Dc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6839. Cc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15gjD=c7h15gjC-c7h15gjD         7.00E+12         0.0         -1000.0           6841. c7h15gjA=ch2bc4ch5h1         8.06E+09         1.2         990.0           6842. c7h15gjB=ch2hc4ck5h11         8.06E+09         1.2         990.0           6843. c7h15gjB=ch2hc4ck5h11hc0         5.10E+11         0.6         1532E+16           6843. c7h15gjC=cEbco+pc4hp         1.81E+12         0.5         10510.0           6845. c7h15gjD=ch2hr4m3hrbc0         1.53E+16         0.0         41600.0           6845. c7h15gjA=c7h14ga         1.50E+16         0.0         41600.0           6845. c7h15gjA=c7h14ga         1.55E+16         0.0         41600.0           6848. c7h15gjA=c7h14raga         5.70E+08	6831.	Cc7h15+c7h15qjB=c7h15ojC+c7h15ojB	7.00E+12	0.0	-1000.0
6833. Ac7h15+c7h15giC=c7h15gjA+c7h15gjC         7.00E+12         0.0         -1000.0           6834. Bc7h15+c7h15giC=c7h15gjC         7.00E+12         0.0         -1000.0           6835. Cc7h15+c7h15giC=c7h15gjC         7.00E+12         0.0         -1000.0           6836. Dc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6839. Cc7h15+c7h15gjD=c7h15gjA+c7h15gjD         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15gjD=c7h15gjC-c7h15gjD         7.00E+12         0.0         -1000.0           6841. c7h15gjA=ch2bc4ch5h1         8.06E+09         1.2         990.0           6842. c7h15gjB=ch2hc4ck5h11         8.06E+09         1.2         990.0           6843. c7h15gjB=ch2hc4ck5h11hc0         5.10E+11         0.6         1532E+16           6843. c7h15gjC=cEbco+pc4hp         1.81E+12         0.5         10510.0           6845. c7h15gjD=ch2hr4m3hrbc0         1.53E+16         0.0         41600.0           6845. c7h15gjA=c7h14ga         1.50E+16         0.0         41600.0           6845. c7h15gjA=c7h14ga         1.55E+16         0.0         41600.0           6848. c7h15gjA=c7h14raga         5.70E+08	6832.	Dc7h15+c7h15qjB=c7h15ojD+c7h15ojB	7.00E+12	0.0	-1000.0
6834. Be7h15+c7h15qic=c7h15ojt         7.00E+12         0.0         -1000.0           6835. Cc7h15+c7h15qic=c7h15ojc         7.00E+12         0.0         -1000.0           6837. Be7h15+c7h15qjc=c7h15ojb-c7h15ojc         7.00E+12         0.0         -1000.0           6837. Be7h15+c7h15qjb=c7h15oja+c7h15ojd         7.00E+12         0.0         -1000.0           6838. Be7h15+c7h15qjb=c7h15ojd-c7h15ojd         7.00E+12         0.0         -1000.0           6839. Be7h15+c7h15qjb=c7h15ojc+c7h15ojd         7.00E+12         0.0         -1000.0           6840. De7h15+c7h15qjb=2c7h15ojd         7.00E+12         0.0         -1000.0           6841. c7h15ojaE-ch3be0+Ac6h13         4.72E+19         1.9         14898.5           6842. c7h15ojB=ch3bech3ec5h11         8.06E+09         1.2         9093.0           6843. c7h15ojB=ch3ech3ec5h11         8.06E+09         1.2         1.5           6844. c7h15ojC=c2h5+nc4h9hc         1.51E+11         0.6         15328.0           6844. c7h15ojC=c2h5+nc4h9hc         1.53E+15         0.0         10260.0           6845. c7h15qA=chhc7h15ojB         1.5E+16         0.0         41600.0           6846. c7h15qA=chhc7h15ojB         1.5E+16         0.0         41600.0           6849. c7h15qA=c7h14rEqA         5.70E+08			7.00E+12	0.0	-1000.0
6835. Cc7h15+c7h15qiC=2rh15ojC         7.00E+12         0.0         -1000.0           6836. Dc7h15+c7h15qiC=2rh15ojD+c7h15ojC         7.00E+12         0.0         -1000.0           6837. Ac7h15+c7h15qjD=c7h15ojA+c7h15ojD         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15qjD=c7h15ojA+c7h15ojD         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15qjD=c7h15ojD-c7h15ojD         7.00E+12         0.0         -1000.0           6841. c7h15ojA=ch2bc-Ac6h13         4.72E+19         -1.9         -1.900.0           6841. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6844. c7h15ojC=c2h5+nc4h9hc         1.53E+14         0.5         10510.0           6845. c7h15ojC=c2h5+nc4h9hc         1.53E+14         0.0         10260.0           6846. c7h15ojC=c2h5+nc4h9c3         1.50E+16         0.0         42500.0           6847. c7h15qa-ch+c7h15ojA         1.50E+16         0.0         42500.0           6848. c7h15qb-ch+c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qb-ch+c7h15ojC         1.25E+16         0.0         41600.0           6851. c7h15qjA=c7h14rEqa         5.70E+08         1.0<					
6836. De7h15+c7h15qjC=c7h15ojD+c7h15ojD         7.00E+12         0.0         -1000.0           6837. Ae7h15+c7h15qjD=c7h15ojD+c7h15ojD         7.00E+12         0.0         -1000.0           6838. Be7h15+c7h15qjD=c7h15ojD+c7h15ojD         7.00E+12         0.0         -1000.0           6840. De7h15+c7h15qjD=c7h15ojC+c7h15ojD         7.00E+12         0.0         -1000.0           6841. C7h15ojA=ch3o+Ae6h13         4.72E+19         -1.9         14898.5           6842. c7h15ojB=ch3hco+Ae6h13         4.72E+19         -1.9         14898.5           6842. c7h15ojB=ch4cP6h11         0.6         15328.0         0         10260.0           6844. c7h15ojB=ch4cPh16ojA         1.81E+12         0.5         10510.0           6845. c7h15q=ch4f4f15ojA         1.50E+16         0.0         41600.0           6847. c7h15q=ch4f4f15ojB         1.25E+16         0.0         41600.0           6849. c7h15q=ch4f4f14ragA         1.70E+07         1.0         22000.0           6851. c7h15qjA=c7h14ragA         1.70E+07					
6837. Ac7h15+c7h15qjD=c7h15ojA+c7h15ojD         7.00E+12         0.0         -1000.0           6838. Bc7h15+c7h15qjD=c7h15ojB+c7h15ojD         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15qjD=c7h15ojB+c7h15ojD         7.00E+12         0.0         -1000.0           6841. c7h15ojA=ch2o+Ac6h13         4.72E+19         -1.9         1.888.5           6842. c7h15ojB=ch3hco+Ac6h13         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3hco+Ac6h13         8.06E+09         1.2         9903.0           6844. c7h15ojB=ch3bco+Ac6h11         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3bco+Ac6h11         8.06E+09         1.25E+16         0.0         10260.0           6844. c7h15ojC=caD5b-redh9hco         1.53E+14         0.0         10260.0           6845. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+16         0.0         41600.0           6848. c7h15q=ba-hc7h15ojC         1.25E+16         0.0         41600.0           6841. c7h15qpa-c7h14rBqA         5.70E+08         1.0         32500.0           6850. c7h15qjA=c7h14rBqA         5.70E+08         1.0         32500.0           6851. c7h15qjA=c7h14rBqA         2.90E+07		==			
6838. Bc7h15+c7h15qjp=c7h15ojp+c7h15ojp         7.00B+12         0.0         -1000.0           6839. Cc7h15+c7h15qjp=c7h15ojp         7.00B+12         0.0         -1000.0           6840. Dc7h15+c7h15qjD=2c7h15ojp         7.00B+12         0.0         -1000.0           6841. c7h15oja=ch3hcch2c5h11         8.06E+99         1.2         9903.0           6842. c7h15ojB=ch3hcch4c5h11hco         5.10B+11         0.6         15328.0           6844. c7h15ojC=c2h5chccpc4h9         1.81B+12         0.5         15528.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847. c7h15qB=ch4c7h15ojA         1.50E+16         0.0         42500.0           6848. c7h15qa=ch4c7h15ojB         1.25E+16         0.0         41600.0           6849. c7h15qa=ch4c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qa=c7h14raga         5.70E+8         0.0         41600.0           6851. c7h15qa=c7h14raga         5.70E+8         1.0         25000.0           6852. c7h15qja=c7h14raga         1.70E+07         1.0         25000.0           6853. c7h15qja=c7h14raga         1.70E+07         1.0         25000.0           6855. c7h15qja=c7h14raga         1.70E+07         1.0         25000.0		=			
6839. C7h15+c7h15qjD=2c7h15ojD         7.00E+12         0.0         -1000.0           6840. Dc7h15+c7h15qjD=2c7h15ojD         7.00E+12         0.0         -1000.0           6841. c7h15ojB=ch2o+Ac6h13         4.72E+19         -1.9         14898.5           6842. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6843. c7h15ojE=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6844. c7h15ojE=ch3c+0c4pc4h9         1.81E+12         0.5         10510.0           6845. c7h15ojC=cA5henc4h9hco         1.53E+14         0.0         10260.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847. c7h15qB=oh+c7h15ojB         1.25E+16         0.0         42500.0           6848. c7h15qD=oh+c7h15ojC         1.25E+16         0.0         41600.0           6850. c7h15qD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qD=oh+c7h15ojA         1.0E+16         0.2         2000.0           6851. c7h15qD=oh+c7h14cqA         9.9E+07         1.0         2500.0           6852. c7h15qD=oh+c7h14cqA         9.9E+07         1.0         2500.0			7.00E+12		
6841. C7h15cja=c2rh15cjD         7.00E+12         0.0         -1000.0           6841. c7h15cja=ch2ch2c6h13         4.72E+19         -1.9         14898.5           6842. c7h15cja=ch3hcch2ch111         8.06E+09         1.2         9903.0           6843. c7h15cja=ch3hcch2ch11         8.06E+09         1.2         9903.0           6844. c7h15cjE=ch3+cch19c         1.81E+12         0.5         10510.0           6845. c7h15cjE-c2h5chc4h9hco         1.53E+14         0.0         10260.0           6846. c7h15cjD=ca3h7+nc3h7hco         7.35E+15         0.0         42500.0           6847. c7h15qA=ch+c7h15cjA         1.50E+16         0.0         41600.0           6849. c7h15qC=ch+c7h15cjB         1.25E+16         0.0         41600.0           6850. c7h15qA=ch+c7h15cjB         1.25E+16         0.0         41600.0           6851. c7h15qA=c7h14rcqA         9.0E+07         1.0         25000.0           6851. c7h15qA=c7h14rcqA         9.0E+07         1.0         25000.0           6852. c7h15qA=c7h14rcqA         1.70E+07         1.0         25000.0           6853. c7h15qA=c7h14rcqA         2.90E+06         1.0         21000.0           6855. c7h15qB=c7h14rcqB         8.65E+08         1.0         3500.0           6855. c7h15qB=c	6838.	Bc7h15+c7h15qjD=c7h15ojB+c7h15ojD	7.00E+12	0.0	-1000.0
6841. c7h15oja-ch2o+ac6h13         4.72E+19         -1.9         14898.5           6842. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6844. c7h15ojC=chtco+pcd4h9         1.81E+12         0.5         10510.0           6845. c7h15ojC=c2h5h-nc4h9hco         1.53E+14         0.0         10260.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847. c7h15qB=oh-c7h15ojB         1.50E+16         0.0         41600.0           6849. c7h15qB=oh-c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qB=oh-c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qb=oh-c7h14pQA         5.70E+08         1.0         25000.0           6852. c7h15qjA=c7h14rDqA         9.90E+07         1.0         25000.0           6852. c7h15qjB=c7h14rDqA         1.70E+07         1.0         22000.0           6853. c7h15qjB=c7h14rDqA         1.70E+07         1.0         22000.0           6855. c7h15qjB=c7h14rEqB         8.65E+08         1.0         32500.0           6855. c7h15qjB=c7h14rEqB         9.90E+07         1.0         22000.0           6	6839.	Cc7h15+c7h15qjD=c7h15ojC+c7h15ojD	7.00E+12	0.0	-1000.0
6841. c7h15oja-ch2o+ac6h13         4.72E+19         -1.9         14898.5           6842. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6844. c7h15ojC=chtco+pcd4h9         1.81E+12         0.5         10510.0           6845. c7h15ojC=c2h5h-nc4h9hco         1.53E+14         0.0         10260.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847. c7h15qB=oh-c7h15ojB         1.50E+16         0.0         41600.0           6849. c7h15qB=oh-c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qB=oh-c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qb=oh-c7h14pQA         5.70E+08         1.0         25000.0           6852. c7h15qjA=c7h14rDqA         9.90E+07         1.0         25000.0           6852. c7h15qjB=c7h14rDqA         1.70E+07         1.0         22000.0           6853. c7h15qjB=c7h14rDqA         1.70E+07         1.0         22000.0           6855. c7h15qjB=c7h14rEqB         8.65E+08         1.0         32500.0           6855. c7h15qjB=c7h14rEqB         9.90E+07         1.0         22000.0           6	6840.	Dc7h15+c7h15giD=2c7h15oiD	7.00E+12	0.0	-1000.0
6842. c7h15ojB=ch3hco+Ac5h11         8.06E+09         1.2         9903.0           6843. c7h15ojB=ch3+c5h11hco         5.10E+11         0.6         15328.0           6844. c7h15ojC=chco+pc4h9         1.81E+12         0.5         10510.0           6845. c7h15ojC=c2h5+nc4h9hco         1.53E+14         0.0         10260.0           6847. c7h15ojD=ach+c7h15ojA         1.50E+16         0.0         42500.0           6848. c7h15q=ch-c7h15ojB         1.25E+16         0.0         41600.0           6849. c7h15q=ch-c7h15ojC         1.25E+16         0.0         41600.0           6850. c7h15qD=ch-c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qjA=c7h14rCqA         5.70E+08         1.0         32500.0           6852. c7h15qjA=c7h14rCqA         9.90E+07         1.0         22000.0           6854. c7h15qjA=c7h14rCqA         9.90E+07         1.0         22000.0           6855. c7h15qjA=c7h14rCqA         2.90E+06         1.0         21000.0           6854. c7h15qjA=c7h14rCqA         2.90E+07         1.0         22000.0           6855. c7h15qjB=c7h14rCqB         5.70E+08         1.0         32500.0           6856. c7h15qjB=c7h14rCqB         1.0E+07         1.0         22000.0           6859. c7h15qjB					
6843. c7h15ojB=ch3+c5h1lhco         5.10E+11         0.6         15328.0           6844. c7h15ojC=chchc+pc4h9         1.81E+12         0.5         10500.0           6846. c7h15ojD=c3h7+nc3h7hco         1.53E+14         0.0         10260.0           6847. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6848. c7h15qB=oh+c7h15ojB         1.25E+16         0.0         42500.0           6849. c7h15qB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qD=oh-c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qJ=c7h14rEqA         5.70E+08         1.0         32500.0           6852. c7h15qjA=c7h14rEqA         9.90E+07         1.0         22000.0           6853. c7h15qjA=c7h14rEqA         2.90E+06         1.0         22000.0           6854. c7h15qjA=c7h14rEqA         2.90E+06         1.0         22000.0           6855. c7h15qjB=c7h14rCqB         8.65E+08         1.0         32500.0           6855. c7h15qjB=c7h14rCqB         9.90E+07         1.0         22000.0           6856. c7h15qjB=c7h14rCqB         9.90E+07         1.0         22000.0           6859. c7h15qjB=c7h14rCqB         1.0         1.0         21000.0           6878. c7h15qjC=c					
6844. c7h15ojC=ethco+pc4h9hco         1.81E+12         0.5         10510.0           6845. c7h15ojC=c2h5+nc4h9hco         1.53E+14         0.0         10260.0           6846. c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847. c7h15qa=oh+c7h15ojB         1.50E+16         0.0         42500.0           6848. c7h15qB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qjA=c7h14rEqA         5.70E+08         1.0         32500.0           6852. c7h15qjA=c7h14rEqA         9.90E+07         1.0         22000.0           6853. c7h15qjA=c7h14rEqA         1.70E+07         1.0         22000.0           6854. c7h15qjA=c7h14rEqA         2.90E+06         1.0         21000.0           6855. c7h15qjB=c7h14rEqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rEqB         9.90E+07         1.0         22000.0           6857. c7h15qjB=c7h14rEqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rEqB         1.70E+07         1.0         22000.0           6850. c7h15qjB=c7h14rEqB         2.90E+10         1.0         22000.0           6861. c7h1					
6846.         c7h15ojp=c2h5+nc4b9hco         1.53E+14         0.0         10260.0           6846.         c7h15ojp=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847.         c7h15qA=oh+c7h15ojA         1.50E+16         0.0         42500.0           6849.         c7h15qD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6850.         c7h15qD=oh+c7h14rDajD         1.25E+16         0.0         41600.0           6851.         c7h15qD=oh+c7h14rCqA         5.70E+08         1.0         32500.0           6852.         c7h15qJa=c7h14rDqA         1.70E+07         1.0         22000.0           6853.         c7h15qJa=c7h14rDqA         1.70E+07         1.0         22000.0           6854.         c7h15qJa=c7h14rDqA         1.70E+07         1.0         22000.0           6855.         c7h15qJB=c7h14rQB         8.65E+08         1.0         32500.0           6855.         c7h15qJB=c7h14rQB         9.90E+07         1.0         22000.0           6857.         c7h15qJB=c7h14rEqB         9.90E+07         1.0         22000.0           6858.         c7h15qJB=c7h14rEqB         1.70E+07         1.0         22000.0           6861.         c7h15qJC=c7h14rEqC <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
6846.         c7h15ojD=nc3h7+nc3h7hco         7.35E+15         -0.3         11711.0           6847.         c7h15agB=oh+c7h15ojB         1.50E+16         0.0         41600.0           6848.         c7h15agB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6850.         c7h15agD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851.         c7h15ajA=c7h14rBaA         5.70E+08         1.0         32500.0           6852.         c7h15ajA=c7h14rDaA         1.70E+07         1.0         25000.0           6853.         c7h15ajA=c7h14rDaA         1.70E+07         1.0         25000.0           6854.         c7h15ajA=c7h14rBaA         2.90E+06         1.0         21000.0           6855.         c7h15ajB=c7h14rBaA         2.90E+06         1.0         22000.0           6855.         c7h15ajB=c7h14rBaB         8.65E+08         1.0         32500.0           6856.         c7h15ajB=c7h14rBaB         9.90E+07         1.0         25000.0           6857.         c7h15ajB=c7h14rBaB         9.90E+07         1.0         25000.0           6858.         c7h15ajB=c7h14rBaB         2.90E+06         1.0         21000.0           6860.         c7h15ajC=c7h14rBaB         2.					
6847. c7h15qa=oh+c7h15ojA         1.50E+16         0.0         42500.0           6848. c7h15qB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6850. c7h15qD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15qjA=c7h14rBqA         5.70E+08         1.0         32500.0           6852. c7h15qjA=c7h14rDqA         9.90E+07         1.0         25000.0           6853. c7h15qjA=c7h14rDqA         1.70E+07         1.0         25000.0           6854. c7h15qjA=c7h14rDqA         2.90E+06         1.0         21000.0           6855. c7h15qjB=c7h14rDqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rDqB         9.90E+07         1.0         22000.0           6857. c7h15qjB=c7h14rDqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rDqB         9.90E+07         1.0         25000.0           6859. c7h15qjB=c7h14rEqB         9.90E+07         1.0         25000.0           6859. c7h15qjB=c7h14rEqB         1.70E+07         1.0         22000.0           6860. c7h15qjC=c7h14rEqC         1.48E+08         1.0         23500.0           6861. c7h15qjC=c7h14rEqC         5.70E+08         1.0         25000.0           6863. c7h15qjC=c7h14rEqC<	6845.	c7h15ojC=c2h5+nc4h9hco	1.53E+14	0.0	10260.0
6848. c7h15gB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6849. c7h15gC=oh+c7h15ojC         1.25E+16         0.0         41600.0           6850. c7h15gD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15gJa=c7h14rBqA         5.70E+08         1.0         32500.0           6852. c7h15gJa=c7h14rCqA         9.90E+07         1.0         22000.0           6853. c7h15gJa=c7h14rAgA         1.70E+07         1.0         22000.0           6854. c7h15gJa=c7h14rAgA         2.90E+06         1.0         21000.0           6855. c7h15gJB=c7h14rAgB         8.65E+08         1.0         35500.0           6855. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6856. c7h15gJB=c7h14rAgB         8.65E+08         1.0         32500.0           6857. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6858. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6859. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6860. c7h15gJC=c7h14rAgC         1.48E+08         1.0         32500.0           6861. c7h15gJC=c7h14rAgC         5.70E+08         1.0         32500.0           6862. c7h15gJC=c7h14rAgC<	6846.	c7h15ojD=nc3h7+nc3h7hco	7.35E+15	-0.3	11711.0
6848. c7h15gB=oh+c7h15ojB         1.25E+16         0.0         41600.0           6849. c7h15gC=oh+c7h15ojC         1.25E+16         0.0         41600.0           6850. c7h15gD=oh+c7h15ojD         1.25E+16         0.0         41600.0           6851. c7h15gJa=c7h14rBqA         5.70E+08         1.0         32500.0           6852. c7h15gJa=c7h14rCqA         9.90E+07         1.0         22000.0           6853. c7h15gJa=c7h14rAgA         1.70E+07         1.0         22000.0           6854. c7h15gJa=c7h14rAgA         2.90E+06         1.0         21000.0           6855. c7h15gJB=c7h14rAgB         8.65E+08         1.0         35500.0           6855. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6856. c7h15gJB=c7h14rAgB         8.65E+08         1.0         32500.0           6857. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6858. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6859. c7h15gJB=c7h14rAgB         9.90E+07         1.0         22000.0           6860. c7h15gJC=c7h14rAgC         1.48E+08         1.0         32500.0           6861. c7h15gJC=c7h14rAgC         5.70E+08         1.0         32500.0           6862. c7h15gJC=c7h14rAgC<			1.50E+16	0.0	42500.0
6849.         c7h15q2=oh+c7h15ojC         1.25E+16         0.0         41600.0           6850.         c7h15q3pa-ch+c7h15ojD         1.25E+16         0.0         41600.0           6851.         c7h15qja=c7h14rCqA         5.70E+08         1.0         32500.0           6852.         c7h15qja=c7h14rCqA         9.90E+07         1.0         25000.0           6854.         c7h15qja=c7h14rDqA         1.70E+07         1.0         22000.0           6855.         c7h15qja=c7h14rAqB         8.65E+08         1.0         35500.0           6855.         c7h15qja=c7h14rAqB         8.65E+08         1.0         35500.0           6857.         c7h15qja=c7h14rAqB         9.90E+07         1.0         25000.0           6858.         c7h15qja=c7h14rEqB         9.90E+07         1.0         22000.0           6859.         c7h15qja=c7h14rEqB         9.90E+07         1.0         22000.0           6859.         c7h15qja=c7h14rEqB         2.90E+06         1.0         21000.0           6861.         c7h15qjc=c7h14rEqB         2.90E+07         1.0         22000.0           6861.         c7h15qjc=c7h14rEqC         5.70E+08         1.0         32500.0           6862.         c7h15qjc=c7h14rEqC         5.70E+08 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
6850. c7h15qD=oh+c7h15oJD         1,25E+16         0.0         41600.0           6851. c7h15qJa=c7h14rBqA         5,70E+08         1.0         32500.0           6852. c7h15qJa=c7h14rDqA         9,90E+07         1.0         25000.0           6853. c7h15qJa=c7h14rDqA         1,70E+07         1.0         22000.0           6854. c7h15qJa=c7h14rDqA         1,70E+07         1.0         22000.0           6855. c7h15qJa=c7h14rAqB         8.65E+08         1.0         35500.0           6856. c7h15qJa=c7h14rAqB         5,70E+08         1.0         22000.0           6857. c7h15qJa=c7h14rAqB         9,90E+07         1.0         25000.0           6858. c7h15qJa=c7h14rAqB         9,90E+07         1.0         25000.0           6858. c7h15qJa=c7h14rAqB         9,90E+07         1.0         25000.0           6858. c7h15qJa=c7h14rAqB         9,90E+07         1.0         25000.0           6859. c7h15qJa=c7h14rAqC         1,48E+08         1.0         23000.0           6860. c7h15qJc=c7h14rAqC         1,48E+08         1.0         23500.0           6861. c7h15qJc=c7h14rEqC         5,70E+08         1.0         32500.0           6862. c7h15qJc=c7h14rEqC         9,90E+07         1.0         25000.0           6864. c7h15qJc=c7h14rEqC <td></td> <td></td> <td></td> <td></td> <td></td>					
6851. c7hl5qjA=c7hl4rBqA         5.70E+08         1.0         32500.0           6852. c7hl5qjA=c7hl4rCqA         9.90E+07         1.0         22000.0           6853. c7hl5qjA=c7hl4rDqA         1.70E+07         1.0         22000.0           6854. c7hl5qjA=c7hl4rEqA         2.90E+06         1.0         21000.0           6855. c7hl5qjB=c7hl4rAqB         8.65E+08         1.0         32500.0           6856. c7hl5qjB=c7hl4rDqB         5.70E+08         1.0         32500.0           6857. c7hl5qjB=c7hl4rEqB         9.90E+07         1.0         25000.0           6858. c7hl5qjB=c7hl4rEqB         1.70E+07         1.0         22000.0           6859. c7hl5qjB=c7hl4rEqB         1.70E+07         1.0         22000.0           6861. c7hl5qjC=c7hl4rEqB         1.70E+07         1.0         22000.0           6861. c7hl5qjC=c7hl4rEqC         1.48E+08         1.0         28000.0           6862. c7hl5qjC=c7hl4rEqC         5.70E+08         1.0         32500.0           6863. c7hl5qjC=c7hl4rEqC         9.90E+07         1.0         22000.0           6864. c7hl5qjC=c7hl4rEqC         1.70E+07         1.0         22000.0           6865. c7hl5qjD=c7hl4rEqD         1.9E+07         1.0         25000.0           6866. c7hl5qjD=c7hl4rEqD					
6852.         c7h15qjA=c7h14rCqA         9.90E+07         1.0         25000.0           6853.         c7h15qjA=c7h14rbqA         1.70E+07         1.0         22000.0           6854.         c7h15qjB=c7h14rbqA         2.90E+06         1.0         21000.0           6855.         c7h15qjB=c7h14rbqB         8.65E+08         1.0         35500.0           6857.         c7h15qjB=c7h14rbqB         9.90E+07         1.0         25000.0           6858.         c7h15qjB=c7h14rbqB         9.90E+07         1.0         22000.0           6858.         c7h15qjB=c7h14rbqB         1.70E+07         1.0         22000.0           6859.         c7h15qjB=c7h14rbqB         2.90E+06         1.0         21000.0           6860.         c7h15qjC=c7h14rbqC         1.48E+08         1.0         28000.0           6861.         c7h15qjC=c7h14rbqC         5.70E+08         1.0         32500.0           6862.         c7h15qjC=c7h14rbqC         5.70E+08         1.0         32500.0           6863.         c7h15qjC=c7h14rbqC         5.70E+08         1.0         25000.0           6864.         c7h15qjC=c7h14rbqC         1.70E+07         1.0         25000.0           6865.         c7h15qjD=c7h14rbq         2.55E+07					
6853. c7h15qjA=c7h14rDqA         1.70E+07         1.0         22000.0           6854. c7h15qjA=c7h14rEqA         2.90E+06         1.0         21000.0           6855. c7h15qjB=c7h14rAqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rCqB         5.70E+08         1.0         32500.0           6857. c7h15qjB=c7h14rDqB         9.90E+07         1.0         22000.0           6858. c7h15qjB=c7h14rEqB         1.70E+07         1.0         22000.0           6859. c7h15qjB=c7h14rEqB         2.90E+06         1.0         21000.0           6860. c7h15qjC=c7h14rEqC         1.48E+08         1.0         28000.0           6861. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6862. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6863. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6864. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6866. c7h15qjD=c7h14rAqD         5.06E+07         1.0         25000.0           6866. c7h15qjD=c7h14rAqD         5.06E+07         1.0         25000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6868. c7h15qjD=c7h14rCqP <td></td> <td></td> <td></td> <td></td> <td></td>					
6854. c7h15qjA=c7h14rEqA         2.90E+06         1.0         21000.0           6855. c7h15qjB=c7h14rAqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rCqB         5.70E+08         1.0         25000.0           6857. c7h15qjB=c7h14rCqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rEqB         1.70E+07         1.0         22000.0           6859. c7h15qjB=c7h14rEqB         2.90E+06         1.0         21000.0           6860. c7h15qjC=c7h14rEqC         1.48E+08         1.0         22000.0           6861. c7h15qjC=c7h14rBqC         5.70E+08         1.0         32500.0           6862. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6863. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6864. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6865. c7h15qjC=c7h14rEqC         1.70E+07         1.0         22000.0           6866. c7h15qjD=c7h14rEqC         2.55E+07         1.0         24000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6868. c7h15qjD=c7h14rCqD         1.14E+09         1.0         25000.0           6868. c7h15qjD+02=c7h15qB+02	6852.	c7h15qjA=c7h14rCqA	9.90E+07	1.0	25000.0
6855. c7h15qjB=c7h14rAqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rCqB         5.70E+08         1.0         32500.0           6857. c7h15qjB=c7h14rDqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rDqB         1.70E+07         1.0         22000.0           6859. c7h15qjB=c7h14rEqB         2.90E+06         1.0         21000.0           6860. c7h15qjC=c7h14rEqC         1.48E+08         1.0         28000.0           6861. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6862. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6863. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6864. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6865. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6866. c7h15qjC=c7h14rAqD         5.06E+07         1.0         25000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6868. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6869. c7h15qjD=c7h14rQp         1.98E+08         1.0         25000.0           6870. c7h15qjD=c2c7h15qA+02 </td <td>6853.</td> <td>c7h15qjA=c7h14rDqA</td> <td>1.70E+07</td> <td>1.0</td> <td>22000.0</td>	6853.	c7h15qjA=c7h14rDqA	1.70E+07	1.0	22000.0
6855. c7h15qjB=c7h14rAqB         8.65E+08         1.0         35500.0           6856. c7h15qjB=c7h14rCqB         5.70E+08         1.0         32500.0           6857. c7h15qjB=c7h14rDqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rDqB         1.70E+07         1.0         22000.0           6859. c7h15qjB=c7h14rEqB         2.90E+06         1.0         21000.0           6860. c7h15qjC=c7h14rEqC         1.48E+08         1.0         28000.0           6861. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6862. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6863. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6864. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6865. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6866. c7h15qjC=c7h14rAqD         5.06E+07         1.0         25000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6868. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6869. c7h15qjD=c7h14rQp         1.98E+08         1.0         25000.0           6870. c7h15qjD=c2c7h15qA+02 </td <td>6854.</td> <td>c7h15gjA=c7h14rEgA</td> <td>2.90E+06</td> <td>1.0</td> <td>21000.0</td>	6854.	c7h15gjA=c7h14rEgA	2.90E+06	1.0	21000.0
6856. c7h15qjB=c7h14rCqB         5.70E+08         1.0         32500.0           6857. c7h15qjB=c7h14rDqB         9.90E+07         1.0         25000.0           6858. c7h15qjB=c7h14rEqB         1.70E+07         1.0         22000.0           6859. c7h15qjB=c7h14rEqB         1.90E+06         1.0         21000.0           6860. c7h15qjC=c7h14rAqC         1.48E+08         1.0         28000.0           6861. c7h15qjC=c7h14rAqC         5.70E+08         1.0         32500.0           6862. c7h15qjC=c7h14rEqC         5.70E+08         1.0         32500.0           6863. c7h15qjC=c7h14rEqC         9.90E+07         1.0         25000.0           6863. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6864. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6865. c7h15qjC=c7h14rEqC         1.70E+07         1.0         25000.0           6866. c7h15qjC=c7h14rAqD         1.98E+08         1.0         25000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6867. c7h15qjD=c7h14rAqD         1.98E+08         1.0         25000.0           6867. c7h15qjD+02=c7h15qA+02         2.90E+11         0.0         1550.0           6870. c7h15qjA+02=c7h15qA		<del></del>			
6857.       c7h15qjB=c7h14rDqB       9.90E+07       1.0       25000.0         6858.       c7h15qjB=c7h14rEqB       1.70E+07       1.0       22000.0         6859.       c7h15qjB=c7h14rFqB       2.90E+06       1.0       21000.0         6860.       c7h15qjC=c7h14rPqC       1.48E+08       1.0       28000.0         6861.       c7h15qjC=c7h14rPqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rPqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6865.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6866.       c7h15qjC=c7h14rEqC       2.55E+07       1.0       22000.0         6867.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6867.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6869.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6869.       c7h15qjD=c7h14rCqD					
6858. c7h15qjB=c7h14rEqB       1.70E+07       1.0       22000.0         6859. c7h15qjB=c7h14rFqB       2.90E+06       1.0       21000.0         6860. c7h15qjC=c7h14rAqC       1.48E+08       1.0       28000.0         6861. c7h15qjC=c7h14rBqC       5.70E+08       1.0       32500.0         6862. c7h15qjC=c7h14rDqC       5.70E+08       1.0       32500.0         6863. c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864. c7h15qjC=c7h14rEqC       1.70E+07       1.0       22000.0         6865. c7h15qjC=c7h14rEqC       2.55E+07       1.0       24000.0         6866. c7h15qjC=c7h14rAqD       5.06E+07       1.0       25000.0         6867. c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6867. c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868. c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6869. c7h15qjD+02=c7h15qA+02       2.90E+11       0.0       1550.0         6870. c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6871. c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872. c7h15qjB+h02=c7h15ojA+0h+02       1.00E+11       0.0       0.0 <td< td=""><td></td><td></td><td></td><td></td><td></td></td<>					
6859.       c7h15qjB=c7h14rFqB       2.90E+06       1.0       21000.0         6860.       c7h15qjC=c7h14rAqC       1.48E+08       1.0       28000.0         6861.       c7h15qjC=c7h14rBqC       5.70E+08       1.0       32500.0         6862.       c7h15qjC=c7h14rDqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rEqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rAqD       5.06E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rAqD       1.14E+09       1.0       32500.0         6869.       c7h15qjD=c7h14rQD       1.14E+09       1.0       32500.0         6868.       c7h15qjD=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6871.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15ojB+o					
6860.       c7h15qjc=c7h14rAqC       1.48E+08       1.0       28000.0         6861.       c7h15qjc=c7h14rBqC       5.70E+08       1.0       32500.0         6862.       c7h15qjc=c7h14rDqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rFqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rAqD       5.06E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6869.       c7h15qjD+c7h14rAqD       1.98E+08       1.0       25000.0         6869.       c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6871.       c7h15qjD+h02=c7h15qB+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6873.       c7h15qjD+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6874.       c7h15qjD+h02=c7h1					
6861.       c7h15qjC=c7h14rBqC       5.70E+08       1.0       32500.0         6862.       c7h15qjC=c7h14rDqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rDqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rPqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rPqC       2.55E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rPqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rPqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rPqD       1.14E+09       1.0       32500.0         6869.       c7h15qjD+ch2=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qB+02       2.90E+11       0.0       1550.0         6871.       c7h15qjD+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15ojA+0h+02       2.90E+11       0.0       1550.0         6873.       c7h15qjD+h02=c7h15ojA+0h+02       1.00E+11       0.0       0.0         6874.       c7h15qjB+h02=c7h15ojD+0h+02       1.00E+11       0.0       0.0         6875.       c7h1			2.90E+06		21000.0
6862.       c7h15qjC=c7h14rDqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rFqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rFqC       2.55E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rBqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869.       c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qC+02       2.90E+11       0.0       1550.0         6871.       c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15qD+02       1.00E+11       0.0       0.0         6873.       c7h15qjA+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6876.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6877.       c7h15qjB+o2=c7h15ojA+ch3o+02       1.00E+11       0.0       0.0         6877.       c7h15	6860.	c7h15qjC=c7h14rAqC	1.48E+08	1.0	28000.0
6862.       c7h15qjC=c7h14rDqC       5.70E+08       1.0       32500.0         6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rFqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rFqC       2.55E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rBqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869.       c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qC+02       2.90E+11       0.0       1550.0         6871.       c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15qD+02       1.00E+11       0.0       0.0         6873.       c7h15qjA+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6876.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6877.       c7h15qjB+o2=c7h15ojA+ch3o+02       1.00E+11       0.0       0.0         6877.       c7h15	6861.	c7h15qjC=c7h14rBqC	5.70E+08	1.0	32500.0
6863.       c7h15qjC=c7h14rEqC       9.90E+07       1.0       25000.0         6864.       c7h15qjC=c7h14rFqC       1.70E+07       1.0       22000.0         6865.       c7h15qjC=c7h14rGqC       2.55E+07       1.0       24000.0         6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869.       c7h15qjA+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjC+h02=c7h15qB+02       2.90E+11       0.0       1550.0         6871.       c7h15qjC+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       1550.0         6873.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6874.       c7h15qjB+h02=c7h15ojB+oh+02       1.00E+11       0.0       0.0         6875.       c7h15qjB+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6876.       c7h15qjB+ch3o2=c7h15ojA+ch3o+02       1.00E+11       0.0       0.0         6877.			5.70E+08		
6864. c7h15qjC=c7h14rFqC       1.70E+07       1.0       22000.0         6865. c7h15qjC=c7h14rGqC       2.55E+07       1.0       24000.0         6866. c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867. c7h15qjD=c7h14rAqD       1.98E+08       1.0       25000.0         6868. c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869. c7h15qjA+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870. c7h15qjD+h02=c7h15qB+02       2.90E+11       0.0       1550.0         6871. c7h15qjC+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872. c7h15qjB+h02=c7h15ojA+0h+02       2.90E+11       0.0       1550.0         6873. c7h15qjA+h02=c7h15ojB+0h+02       1.00E+11       0.0       0.0         6874. c7h15qjB+h02=c7h15ojB+0h+02       1.00E+11       0.0       0.0         6875. c7h15qjB+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6876. c7h15qjB+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6877. c7h15qjB+c02=c7h15ojD+ch3o+02       1.00E+11       0.0       0.0         6878. c7h15qjB+ch3o2=c7h15ojB+ch3o+02       1.00E+11       0.0       0.0         6879. c7h15qjB+ch3o2=c7h15ojB+ch3o+02       1.00E+11       0.0 <td></td> <td></td> <td></td> <td></td> <td></td>					
6865. c7h15qjC=c7h14rGqC       2.55E+07       1.0       24000.0         6866. c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867. c7h15qjD=c7h14rBqD       1.98E+08       1.0       25000.0         6868. c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869. c7h15qjA+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870. c7h15qjD+h02=c7h15qC+02       2.90E+11       0.0       1550.0         6871. c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6872. c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6873. c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       0.0         6874. c7h15qjD+h02=c7h15ojB+oh+02       1.00E+11       0.0       0.0         6875. c7h15qjC+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6876. c7h15qjB+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6877. c7h15qjB+ch3o2=c7h15ojD+ch3o+02       1.00E+11       0.0       0.0         6878. c7h15qjB+ch3o2=c7h15ojD+ch3o+02       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+02       1.00E+11       0.0       0.0         6881. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+02       1.00E+11 <t< td=""><td></td><td><del></del></td><td></td><td></td><td></td></t<>		<del></del>			
6866.       c7h15qjD=c7h14rAqD       5.06E+07       1.0       25000.0         6867.       c7h15qjD=c7h14rBqD       1.98E+08       1.0       25000.0         6868.       c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869.       c7h15qjA+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qA+02       2.90E+11       0.0       1550.0         6871.       c7h15qjC+h02=c7h15qC+02       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15qD+02       2.90E+11       0.0       1550.0         6873.       c7h15qjB+h02=c7h15ojA+oh+02       1.00E+11       0.0       1550.0         6874.       c7h15qjD+h02=c7h15ojB+oh+02       1.00E+11       0.0       0.0         6875.       c7h15qjC+h02=c7h15ojB+oh+02       1.00E+11       0.0       0.0         6876.       c7h15qjB+h02=c7h15ojD+oh+02       1.00E+11       0.0       0.0         6877.       c7h15qjA+ch3o2=c7h15ojA+ch3o+02       1.00E+11       0.0       0.0         6878.       c7h15qjB+ch3o2=c7h15ojB+ch3o+02       1.00E+11       0.0       0.0         6879.       c7h15qjB+ch3o2=c7h15ojA+c2h5o+02       1.00E+11       0.0       0.0 <tr< td=""><td></td><td><del></del></td><td></td><td></td><td></td></tr<>		<del></del>			
6867. c7h15qjD=c7h14rBqD       1.98E+08       1.0       25000.0         6868. c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869. c7h15qjA+ho2=c7h15qA+o2       2.90E+11       0.0       1550.0         6870. c7h15qjD+ho2=c7h15qB+o2       2.90E+11       0.0       1550.0         6871. c7h15qjC+ho2=c7h15qC+o2       2.90E+11       0.0       1550.0         6872. c7h15qjB+ho2=c7h15qD+o2       2.90E+11       0.0       1550.0         6873. c7h15qjA+ho2=c7h15ojA+oh+o2       1.00E+11       0.0       0.0         6874. c7h15qjD+ho2=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875. c7h15qjC+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjB+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.					
6868. c7h15qjD=c7h14rCqD       1.14E+09       1.0       32500.0         6869. c7h15qjA+ho2=c7h15qA+o2       2.90E+11       0.0       1550.0         6870. c7h15qjD+ho2=c7h15qB+o2       2.90E+11       0.0       1550.0         6871. c7h15qjC+ho2=c7h15qC+o2       2.90E+11       0.0       1550.0         6872. c7h15qjB+ho2=c7h15qD+o2       2.90E+11       0.0       1550.0         6873. c7h15qjA+ho2=c7h15ojA+oh+o2       1.00E+11       0.0       0.0         6874. c7h15qjD+ho2=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875. c7h15qjC+ho2=c7h15ojC+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjB+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjB+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2					
6869.       c7h15qjA+h02=c7h15qA+o2       2.90E+11       0.0       1550.0         6870.       c7h15qjD+h02=c7h15qB+o2       2.90E+11       0.0       1550.0         6871.       c7h15qjC+h02=c7h15qC+o2       2.90E+11       0.0       1550.0         6872.       c7h15qjB+h02=c7h15qD+o2       2.90E+11       0.0       1550.0         6873.       c7h15qjA+h02=c7h15ojA+oh+o2       1.00E+11       0.0       0.0         6874.       c7h15qjD+h02=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875.       c7h15qjC+h02=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6876.       c7h15qjB+h02=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877.       c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878.       c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879.       c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881.       c7h15qjB+ch5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6882.       c7h15qjD+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6883.       c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0 <t< td=""><td>6867.</td><td>c7h15qjD=c7h14rBqD</td><td>1.98E+08</td><td>1.0</td><td>25000.0</td></t<>	6867.	c7h15qjD=c7h14rBqD	1.98E+08	1.0	25000.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6868.	c7h15qjD=c7h14rCqD	1.14E+09	1.0	32500.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6869.	c7h15gjA+ho2=c7h15gA+o2	2.90E+11	0.0	1550.0
6871. c7h15qjC+ho2=c7h15qC+o2       2.90E+11       0.0       1550.0         6872. c7h15qjB+ho2=c7h15qD+o2       2.90E+11       0.0       1550.0         6873. c7h15qjA+ho2=c7h15ojA+oh+o2       1.00E+11       0.0       0.0         6874. c7h15qjD+ho2=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875. c7h15qjC+ho2=c7h15ojC+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6872. c7h15qjB+h02=c7h15qD+o22.90E+110.01550.06873. c7h15qjA+h02=c7h15ojA+oh+o21.00E+110.00.06874. c7h15qjD+h02=c7h15ojB+oh+o21.00E+110.00.06875. c7h15qjC+ho2=c7h15ojC+oh+o21.00E+110.00.06876. c7h15qjB+ho2=c7h15ojD+oh+o21.00E+110.00.06877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o21.00E+110.00.06878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o21.00E+110.00.06879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o21.00E+110.00.06880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o21.00E+110.00.06881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o21.00E+110.00.06882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o21.00E+110.00.06883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o21.00E+110.00.06884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o21.00E+110.00.06885. c7h15qjA+nc3h7o2=c7h15ojD+c2h5o+o21.00E+110.00.0					
6873. c7h15qjA+ho2=c7h15ojA+oh+o2       1.00E+11       0.0       0.0         6874. c7h15qjD+ho2=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875. c7h15qjC+ho2=c7h15ojC+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6874. c7h15qjD+ho2=c7h15ojB+oh+o2       1.00E+11       0.0       0.0         6875. c7h15qjC+ho2=c7h15ojC+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0		<del></del>			
6875. c7h15qjC+ho2=c7h15ojC+oh+o2       1.00E+11       0.0       0.0         6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0					
6876. c7h15qjB+ho2=c7h15ojD+oh+o2       1.00E+11       0.0       0.0         6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0	6874.	c7h15qjD+ho2=c7h15ojB+oh+o2	1.00E+11	0.0	0.0
6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0	6875.	c7h15qjC+ho2=c7h15ojC+oh+o2	1.00E+11	0.0	0.0
6877. c7h15qjA+ch3o2=c7h15ojA+ch3o+o2       1.00E+11       0.0       0.0         6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0	6876.	c7h15gjB+ho2=c7h15ojD+oh+o2	1.00E+11	0.0	0.0
6878. c7h15qjD+ch3o2=c7h15ojB+ch3o+o2       1.00E+11       0.0       0.0         6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjB+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6879. c7h15qjC+ch3o2=c7h15ojC+ch3o+o2       1.00E+11       0.0       0.0         6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6880. c7h15qjB+ch3o2=c7h15ojD+ch3o+o2       1.00E+11       0.0       0.0         6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0		<del></del>			
6881. c7h15qjA+c2h5o2=c7h15ojA+c2h5o+o2       1.00E+11       0.0       0.0         6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6882. c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2       1.00E+11       0.0       0.0         6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0					
6883. c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2       1.00E+11       0.0       0.0         6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2       1.00E+11       0.0       0.0         6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2       1.00E+11       0.0       0.0		<del></del>			0.0
6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2 1.00E+11 0.0 0.0 6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2 1.00E+11 0.0 0.0	6882.	c7h15qjD+c2h5o2=c7h15ojB+c2h5o+o2	1.00E+11	0.0	0.0
6884. c7h15qjB+c2h5o2=c7h15ojD+c2h5o+o2 1.00E+11 0.0 0.0 6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2 1.00E+11 0.0 0.0	6883.	c7h15qjC+c2h5o2=c7h15ojC+c2h5o+o2	1.00E+11	0.0	0.0
6885. c7h15qjA+nc3h7o2=c7h15ojA+nc3h7o+o2 1.00E+11 0.0 0.0					
0.00 C/HIJQJD+HCJH/OZ-C/HIJOJD+HCJH/OTOZ I.UUE+II U.U U.U					
	0000.	C,1113475,116311,02-C,11130 10+1163111,0+02	T.00₽±11	0.0	0.0

6887.	c7h15qjC+nc3h7o2=c7h15ojC+nc3h7o+o2	1.00E+11	0.0	0.0
	c7h15qjB+nc3h7o2=c7h15ojD+nc3h7o+o2	1.00E+11	0.0	0.0
6889.	c7h15qjA+c7h15qjA=c7h15ojA+c7h15ojA+o2	1.00E+11	0.0	0.0
6890	c7h15qjA+c7h15qjB=c7h15ojA+c7h15ojB+o2	1.00E+11	0.0	0.0
6891.	c7h15qjA+c7h15qjC=c7h15ojA+c7h15ojC+o2	1.00E+11	0.0	0.0
6892.	c7h15qjA+c7h15qjD=c7h15ojA+c7h15ojD+o2	1.00E+11	0.0	0.0
	c7h15qjB+c7h15qjB=c7h15ojB+c7h15ojB+o2	1.00E+11	0.0	0.0
6894.	c7h15qjB+c7h15qjC=c7h15ojB+c7h15ojC+o2	1.00E+11	0.0	0.0
	c7h15qjB+c7h15qjD=c7h15ojB+c7h15ojD+o2	1.00E+11	0.0	0.0
6896.	c7h15qjC+c7h15qjC=c7h15ojC+c7h15ojC+o2	1.00E+11	0.0	0.0
	c7h15qjC+c7h15qjD=c7h15ojC+c7h15ojD+o2	1.00E+11	0.0	0.0
6898.	c7h15qjD+c7h15qjD=c7h15ojD+c7h15ojD+o2	1.00E+11	0.0	0.0
6899.	c7h14rDqA=c5h10+c2h4o2h	2.00E+13	0.0	28700.0
6900.	c7h14rEqA=c4h8+c3h6ooh1-3	2.00E+13	0.0	28700.0
6901.	c7h14rEqB=c4h8+c3h6ooh2-1	2.00E+13	0.0	28700.0
	c7h14rFqB=c3h6+c4h8rDqB	2.00E+13	0.0	28700.0
6903.	c7h14rFqC=c3h6+c4h8rAqB	2.00E+13	0.0	28700.0
6904	c7h14rGqC=c2h4+c5h10rAqC	2.00E+13	0.0	28700.0
	c7h14rAqD=c2h4+c5h10rAqB	2.00E+13	0.0	28700.0
6906.	c7h14rBqA+o2=c7h14qjBqA	1.80E+19	-2.5	0.0
	c7h14rCqA+o2=c7h14qjCqA			
	1 15 1	1.80E+19	-2.5	0.0
6908.	c7h14rDqA+o2=c7h14qjDqA	1.80E+19	-2.5	0.0
	c7h14rEqA+o2=c7h14qjEqA	1.80E+19	-2.5	0.0
6910.	c7h14rAqB+o2=c7h14qjAqB	1.50E+18	-2.5	0.0
6911.	c7h14rCqB+o2=c7h14qjCqB	1.05E+19	-2.5	0.0
	c7h14rDqB+o2=c7h14qjDqB	1.80E+19	-2.5	0.0
6913.	c7h14rEqB+o2=c7h14qjEqB	1.80E+19	-2.5	0.0
	c7h14rFqB+o2=c7h14qjFqB	1.70E+19	-2.5	0.0
6915.	c7h14rAqC+o2=c7h14qjAqC	9.00E+18	-2.5	0.0
6916.	c7h14rBqC+o2=c7h14qjBqC	9.50E+18	-2.5	0.0
	c7h14rDqC+o2=c7h14qjDqC	1.05E+19	-2.5	0.0
6918.	c7h14rEqC+o2=c7h14qjEqC	1.80E+19	-2.5	0.0
	c7h14rFqC+o2=c7h14qjFqC	1.70E+19	-2.5	0.0
6920.	c7h14rGqC+o2=c7h14qjGqC	9.00E+18	-2.5	0.0
6921.	c7h14rAqD+o2=c7h14qjAqD	9.00E+18	-2.5	0.0
	c7h14rBqD+o2=c7h14qjBqD	1.70E+19	-2.5	
	<u> </u>			0.0
6923.	c7h14rCqD+o2=c7h14qjCqD	1.05E+19	-2.5	0.0
	c7h14rAqC=oh+c2h4+nc4h9hco	2.66E+04	3.0	24773.0
6925.	c7h14rCqA=oh+ch2o+c6h12-1	1.47E+13	0.4	28543.0
6926.	c7h14rBqD=oh+nc3h7hco+c3h6	4.72E+03	3.3	23974.0
	c7h14rDqB=oh+ch3hco+c5h10	1.42E+05	2.9	24777.0
6928.	c7h14rEqC=oh+ethco+c4h8	3.96E+04	3.1	24093.0
6929	c7h14rBqA=oh+c7h14o-AB	1.38E+12	0.0	15900.0
	c7h14rCqA=oh+c7h14o-AC	2.04E+11	0.0	19500.0
6931.	c7h14rDqA=oh+c7h14o-AD	3.63E+10	0.0	13000.0
	c7h14rEqA=oh+c7h14o-AE	1.70E+08	0.0	1950.0
6933.	c7h14rAqB=oh+c7h14o-AB	1.38E+12	0.0	15900.0
6934	c7h14rCqB=oh+c7h14o-BC	1.38E+12	0.0	15900.0
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	c7h14rDqB=oh+c7h14o-BD	2.04E+11	0.0	19500.0
6936.	c7h14rEqB=oh+c7h14o-BE	3.63E+10	0.0	13000.0
6937	c7h14rFqB=oh+c7h14o-BF	1.70E+08	0.0	1950.0
	<del>-</del>			
	c7h14rBqC=oh+c7h14o-BC	1.38E+12	0.0	15900.0
6939.	c7h14rAqC=oh+c7h14o-AC	2.04E+11	0.0	19500.0
	c7h14rDqC=oh+c7h14o-CD	1.38E+12	0.0	
				15900.0
6941.	c7h14rEqC=oh+c7h14o-CE	2.04E+11	0.0	19500.0
	c7h14rFqC=oh+c7h14o-BE	3.63E+10	0.0	13000.0
	c7h14rGqC=oh+c7h14o-AE	1.70E+08	0.0	1950.0
6944.	c7h14rCqD=oh+c7h14o-CD	1.38E+12	0.0	15900.0
	c7h14rBqD=oh+c7h14o-BD	2.04E+11	0.0	19500.0
	c7h14rAqD=oh+c7h14o-AD	3.63E+10	0.0	13000.0
6947.	ho2+c7h14-1=c7h14rAqB	1.50E+11	0.0	7800.0
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6948.	ho2+c7h14-1=c7h14rBqA	1.50E+11	0.0	7800.0
6949.	ho2+c7h14-2=c7h14rBqC	1.50E+11	0.0	7800.0
6950.	ho2+c7h14-2=c7h14rCqB	1.50E+11	0.0	7800.0
6951.	ho2+c7h14-3=c7h14rCqD	1.50E+11	0.0	7800.0
	ho2+c7h14-3=c7h14rDqC	1.50E+11	0.0	7800.0
	c7h14qjBqA=>oh+c7h13oAqB	3.35E+09	1.0	33500.0
	c7h14qjbqA=>oh+c7h13oAqC		1.0	
		5.75E+08		26000.0
	c7h14qjDqA=>oh+c7h13oAqD	9.89E+07	1.0	23000.0
	c7h14qjEqA=>oh+c7h13oAqE	1.70E+07	1.0	22000.0
	c7h14qjAqB=>oh+c7h13oBqA	1.67E+09	1.0	30500.0
6958.	c7h14qjCqB=>oh+c7h13oBqC	1.67E+09	1.0	30500.0
6959.	c7h14qjDqB=>oh+c7h13oBqD	2.87E+08	1.0	23000.0
6960.	c7h14qjEqB=>oh+c7h13oBqE	4.94E+07	1.0	20000.0
	c7h14qjFqB=>oh+c7h13oBqF	8.49E+06	1.0	19000.0
	c7h14qjAqC=>oh+c7h13oCqA	2.87E+08	1.0	23000.0
	c7h14qjBqC=>oh+c7h13oCqB	1.67E+09	1.0	30500.0
			1.0	
	c7h14qjDqC=>oh+c7h13oCqD	1.67E+09		30500.0
	c7h14qjEqC=>oh+c7h13oCqE	2.87E+08	1.0	23000.0
	c7h14qjFqC=>oh+c7h13oCqF	4.94E+07	1.0	20000.0
	c7h14qjGqC=>oh+c7h13oCqG	8.49E+06	1.0	19000.0
6968.	c7h14qjAqD=>oh+c7h13oDqA	4.94E+07	1.0	20000.0
6969.	c7h14qjBqD=>oh+c7h13oDqB	2.87E+08	1.0	23000.0
6970.	c7h14qjCqD=>oh+c7h13oDqC	1.67E+09	1.0	30500.0
6971.	c7h13oAqB=>oh+hco+c5h11hco	1.00E+16	0.0	43000.0
6972.	c7h13oAqC=>oh+ch2hco+nc4h9hco	1.00E+16	0.0	43000.0
	c7h13oAqD=>oh+nc3h7hco+ch2ch2hco	1.00E+16	0.0	43000.0
	c7h13oAqE=>oh+ethco+c3h6cho-1	1.00E+16	0.0	43000.0
	c7h13oBqA=>oh+ch2o+c5h11co	1.00E+16	0.0	43000.0
	c7h13oBqC=>oh+ch3co+nc4h9hco	1.00E+16	0.0	43000.0
	c7h13oBqD=>oh+nc3h7hco+ch2coch3	1.00E+16	0.0	43000.0
	c7h13oBqE=>oh+ch3coc2h4p+ethco	1.00E+16	0.0	43000.0
	c7h13oBqF=>oh+ch3hco+c3h6coch3-1	1.00E+16	0.0	43000.0
	c7h13oCqA=>oh+ch2o+nc4h9coch2	1.00E+16	0.0	43000.0
6981.	c7h13oCqB=>oh+ch3hco+nc4h9co	1.00E+16	0.0	43000.0
6982.	c7h13oCqD=>oh+c2h5co+nc3h7hco	1.00E+16	0.0	43000.0
6983.	c7h13oCqE=>oh+c2h5coch2+ethco	1.00E+16	0.0	43000.0
6984.	c7h13oCqF=>oh+ch3hco+c2h5coc2h4p	1.00E+16	0.0	43000.0
6985.	c7h13oCqG=>oh+ch2o+c2h5coc3h6-1	1.00E+16	0.0	43000.0
	c7h13oDqA=>oh+ch2o+nc3h7coc2h4p	1.00E+16	0.0	43000.0
	c7h13oDqB=>oh+ch3hco+nc3h7coch2	1.00E+16	0.0	43000.0
	c7h13oDqC=>oh+ethco+c3h7co	1.00E+16	0.0	43000.0
	c7h14o-AB+h=>h2+acrol+pc4h9	4.80E+08	1.5	2785.0
	c7h14o-AB+oh=>h2o+acrol+pc4h9	2.40E+06	2.0	-1192.0
	c7h14o-AB+ho2=>h2o2+acrol+pc4h9	2.50E+04	2.5	11605.0
	c7h14o-AB+h=>h2+nc5h11coch2	2.40E+08	1.5	2005.0
	c7h14o-AB+oh=>h2o+nc5h11coch2	1.20E+06	2.0	-1192.0
6994.	c7h14o-AB+ho2=>h2o2+nc5h11coch2	1.00E+04	2.5	9400.0
6995.	c7h14o-BC+h=>h2+mvk+nc3h7	2.40E+08	1.5	2005.0
6996.	c7h14o-BC+oh=>h2o+mvk+nc3h7	1.20E+06	2.0	-1192.0
6997.	c7h14o-BC+ho2=>h2o2+mvk+nc3h7	1.00E+04	2.5	9400.0
6998.	c7h14o-BC+h=>h2+ch3chco+pc4h9	2.40E+08	1.5	2005.0
	c7h14o-BC+oh=>h2o+ch3chco+pc4h9	1.20E+06	2.0	-1192.0
	c7h14o-BC+ho2=>h2o2+ch3chco+pc4h9	1.00E+04	2.5	9400.0
	c7h14o-CD+h=>h2+c2h5coc2h3+c2h5	2.40E+08	1.5	2005.0
	c7h14o-CD+oh=>h2o+c2h5coc2h3+c2h5	1.20E+06	2.0	
	c7h14o-CD+on=>h2o+c2h5coc2h3+c2h5			-1192.0
		1.00E+04	2.5	9400.0
	c7h14o-CD+h=>h2+ch3+c2h3coc3h7	2.40E+08	1.5	2005.0
	c7h14o-CD+oh=>h2o+ch3+c2h3coc3h7	1.20E+06	2.0	-1192.0
	c7h14o-CD+ho2=>h2o2+ch3+c2h3coc3h7	1.00E+04	2.5	9400.0
	c7h14o-AC+h=>h2+hco+c6h12-1	4.80E+08	1.5	2785.0
7008.	c7h14o-AC+oh=>h2o+hco+c6h12-1	2.40E+06	2.0	-1192.0

7009.	c7h14o-AC+ho2=>h2o2+hco+c6h12-1	2.50E+04	2.5	11605.0
7010.	c7h14o-AC+h=>h2+nc4h9coc2h4p	2.40E+08	1.5	2005.0
	c7h14o-AC+oh=>h2o+nc4h9coc2h4p	1.20E+06	2.0	-1192.0
	c7h14o-AC+ho2=>h2o2+nc4h9coc2h4p	1.00E+04	2.5	9400.0
	c7h14o-BD+h=>h2+c5h10+ch3co	2.40E+08	1.5	2005.0
	c7h14o-BD+oh=>h2o+c5h10+ch3co	1.20E+06	2.0	-1192.0
	c7h14o-BD+ho2=>h2o2+c5h10+ch3co	1.00E+04	2.5	9400.0
	c7h14o-BD+h=>h2+c3h6+c3h7co	2.40E+08	1.5	2005.0
	c7h14o-BD+oh=>h2o+c3h6+c3h7co	1.20E+06	2.0	-1192.0
7018.	c7h14o-BD+ho2=>h2o2+c3h6+c3h7co	1.00E+04	2.5	9400.0
7019.	c7h14o-CE+h=>h2+c4h8+c2h5co	4.80E+08	1.5	2005.0
7020.	c7h14o-CE+oh=>h2o+c4h8+c2h5co	2.40E+06	2.0	-1192.0
7021.	c7h14o-CE+ho2=>h2o2+c4h8+c2h5co	1.00E+04	2.5	9400.0
	c7h14o-AD+h=>h2+ch2hco+c5h10	4.80E+08	1.5	2785.0
	c7h14o-AD+oh=>h2o+ch2hco+c5h10	2.40E+13	0.0	5955.0
	c7h14o-AD+ho2=>h2o2+ch2hco+c5h10	2.50E+04	2.5	11605.0
	c7h14o-AD+h=>h2+nc3h7coc3h6-1	2.40E+08	1.5	2005.0
	c7h14o-AD+oh=>h2o+nc3h7coc3h6-1	1.20E+06	2.0	-1192.0
	c7h14o-AD+ho2=>h2o2+nc3h7coc3h6-1	1.00E+04	2.5	9400.0
	c7h14o-BE+h=>h2+c4h8+ch2coch3	2.40E+08	1.5	2005.0
7029.	c7h14o-BE+oh=>h2o+c4h8+ch2coch3	1.20E+06	2.0	-1192.0
7030.	c7h14o-BE+ho2=>h2o2+c4h8+ch2coch3	1.00E+04	2.5	9400.0
7031.	c7h14o-BE+h=>h2+c3h6+c2h5coch2	2.40E+08	1.5	2005.0
7032.	c7h14o-BE+oh=>h2o+c3h6+c2h5coch2	1.20E+06	2.0	-1192.0
	c7h14o-BE+ho2=>h2o2+c3h6+c2h5coch2	1.00E+04	2.5	9400.0
	c7h14o-AE+h=>h2+ch2ch2hco+c4h8	4.80E+08	1.5	2785.0
	c7h14o-AE+oh=>h2o+ch2ch2hco+c4h8	2.40E+06	2.0	-1192.0
	c7h14o-AE+ho2=>h2o2+ch2ch2hco+c4h8	2.50E+04	2.5	
				11605.0
	c7h14o-AE+h=>h2+c2h4+c2h5coc2h4p	2.40E+08	1.5	2005.0
	c7h14o-AE+oh=>h2o+c2h4+c2h5coc2h4p	1.20E+06	2.0	-1192.0
	c7h14o-AE+ho2=>h2o2+c2h4+c2h5coc2h4p	1.00E+04	2.5	9400.0
7040.	c7h14o-BF+h=>h2+c2h4+c3h6coch3-1	4.80E+08	1.5	2005.0
7041.	c7h14o-BF+oh=>h2o+c2h4+c3h6coch3-1	2.40E+06	2.0	-1192.0
7042.	c7h14o-BF+ho2=>h2o2+c2h4+c3h6coch3-1	1.00E+04	2.5	9400.0
7043.	c7h14-1+ho2=oh+c7h14o-AB	1.00E+12	0.0	14400.0
7044.	c7h14-2+ho2=oh+c7h14o-BC	1.00E+12	0.0	14400.0
7045.	c7h14-3+ho2=oh+c7h14o-CD	1.00E+12	0.0	14400.0
	heptanone+h=>h2+ch2co+ch3+2c2h4	2.70E+07	2.0	5000.0
	heptanone+oh=>h2o+ch2co+ch3+2c2h4	7.80E+06	2.0	-765.0
	heptanone+ho2=>h2o2+ch2co+ch3+2c2h4	1.20E+12	0.0	15500.0
	heptanone+ch3=>ch4+ch2co+ch3+2c2h4	6.00E+11	0.0	9600.0
	heptanone+ch3o2=>ch3o2h+ch2co+ch3+2c2h4	6.00E+11	0.0	9600.0
	heptanone+c2h5=>c2h6+ch2co+ch3+2c2h4	6.00E+11	0.0	11000.0
	c6hllhco=Fc6hll-l+hco	7.25E+16	0.0	82400.0
	c6h11hco+o2=c6h11co+ho2	2.00E+13	0.5	42200.0
	c6h11hco+ho2=c6h11co+h2o2	1.70E+12	0.0	10700.0
7055.	c6h11hco+oh=c6h11co+h2o	2.35E+10	0.7	-1113.0
7056.	c6h11hco+o=c6h11co+oh	5.85E+12	0.0	1808.0
7057.	c6h11hco+h=c6h11co+h2	5.54E+02	3.5	5167.0
7058.	c6h11hco+ch3=c6h11co+ch4	2.25E+00	4.0	8285.0
	c6h11hco+c2h5=c6h11co+c2h6	1.64E+00	3.6	9141.0
	c6h11hco+hco=c6h11co+ch2o	4.70E+04	2.7	18235.0
	c6h11hco+c2h3=c6h11co+c2h4	8.50E+09	0.0	6000.0
	c6h11co=Fc6h11-1+co	2.00E+13	0.0	28700.0
	Ac8h17+o2=c8h17qjA	9.00E+18	-2.5	0.0
	Bc8h17+o2=c8h17qjB	1.70E+19	-2.5	0.0
	Cc8h17+o2=c8h17qjC	1.80E+19	-2.5	0.0
	Dc8h17+o2=c8h17qjD	1.80E+19	-2.5	0.0
7067.	Ac8h17+ho2=c8h17ojA+oh	7.00E+12	0.0	-1000.0
7068.	Bc8h17+ho2=c8h17ojB+oh	7.00E+12	0.0	-1000.0
7069.	Cc8h17+ho2=c8h17ojC+oh	7.00E+12	0.0	-1000.0

7070.	Dc8h17+ho2=c8h17ojD+oh	7.00E+12	0.0	-1000.0
7071.	Ac8h17+ch3o2=c8h17ojA+ch3o	7.00E+12	0.0	-1000.0
	Bc8h17+ch3o2=c8h17ojB+ch3o	7.00E+12	0.0	-1000.0
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	Cc8h17+ch3o2=c8h17ojC+ch3o	7.00E+12	0.0	-1000.0
7074.	Dc8h17+ch3o2=c8h17ojD+ch3o	7.00E+12	0.0	-1000.0
	Ac8h17+c2h5o2=c8h17ojA+c2h5o	7.00E+12	0.0	-1000.0
	<del>-</del>		0.0	-1000.0
	Bc8h17+c2h5o2=c8h17ojB+c2h5o	7.00E+12		
	Cc8h17+c2h5o2=c8h17ojC+c2h5o	7.00E+12	0.0	-1000.0
7078.	Dc8h17+c2h5o2=c8h17ojD+c2h5o	7.00E+12	0.0	-1000.0
7079.	Ac8h17+nc3h7o2=c8h17ojA+nc3h7o	7.00E+12	0.0	-1000.0
	Bc8h17+nc3h7o2=c8h17ojB+nc3h7o	7.00E+12	0.0	-1000.0
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	Cc8h17+nc3h7o2=c8h17ojC+nc3h7o	7.00E+12	0.0	-1000.0
7082.	Dc8h17+nc3h7o2=c8h17ojD+nc3h7o	7.00E+12	0.0	-1000.0
7083.	Ac8h17+ic3h7o2=c8h17ojA+ic3h7o	7.00E+12	0.0	-1000.0
7084.	Bc8h17+ic3h7o2=c8h17ojB+ic3h7o	7.00E+12	0.0	-1000.0
	Cc8h17+ic3h7o2=c8h17ojC+ic3h7o	7.00E+12	0.0	-1000.0
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	Dc8h17+ic3h7o2=c8h17ojD+ic3h7o	7.00E+12	0.0	-1000.0
7087.	Ac8h17+c8h17qjA=2c8h17ojA	7.00E+12	0.0	-1000.0
7088.	Bc8h17+c8h17qjA=c8h17ojB+c8h17ojA	7.00E+12	0.0	-1000.0
	Cc8h17+c8h17qjA=c8h17ojC+c8h17ojA	7.00E+12	0.0	-1000.0
	Dc8h17+c8h17qjA=c8h17ojD+c8h17ojA	7.00E+12	0.0	-1000.0
	Ac8h17+c8h17qjB=c8h17ojA+c8h17ojB	7.00E+12	0.0	-1000.0
7092.	Bc8h17+c8h17qjB=2c8h17ojB	7.00E+12	0.0	-1000.0
7093.	Cc8h17+c8h17qjB=c8h17ojC+c8h17ojB	7.00E+12	0.0	-1000.0
	Dc8h17+c8h17qjB=c8h17ojD+c8h17ojB	7.00E+12	0.0	-1000.0
	Ac8h17+c8h17qjC=c8h17ojA+c8h17ojC	7.00E+12	0.0	-1000.0
	Bc8h17+c8h17qjC=c8h17ojB+c8h17ojC	7.00E+12	0.0	-1000.0
7097.	Cc8h17+c8h17qjC=2c8h17ojC	7.00E+12	0.0	-1000.0
7098.	Dc8h17+c8h17qjC=c8h17ojD+c8h17ojC	7.00E+12	0.0	-1000.0
	Ac8h17+c8h17qjD=c8h17ojA+c8h17ojD	7.00E+12	0.0	-1000.0
	Bc8h17+c8h17qjD=c8h17ojB+c8h17ojD	7.00E+12	0.0	-1000.0
7101.	Cc8h17+c8h17qjD=c8h17ojC+c8h17ojD	7.00E+12	0.0	-1000.0
7102.	Dc8h17+c8h17qjD=2c8h17ojD	7.00E+12	0.0	-1000.0
	c8h17ojA=ch2o+Ac7h15	1.15E+19	-1.7	14691.0
	c8h17ojB=ch3hco+Ac6h13	6.40E+18	-1.5	13021.0
	c8h17ojB=ch3+c6h13hco	9.01E+16	-1.0	16533.0
7106.	c8h17ojC=ethco+Ac5h11	6.65E+18	-1.5	12880.0
7107.	c8h17ojC=c2h5+c5h11hco	7.61E+20	-2.1	12641.0
	c8h17ojD=nc3h7+nc4h9hco	4.52E+19	-1.7	13356.0
	c8h17ojD=nc3h7hco+pc4h9	1.94E+20	-1.8	13104.0
	c8h17qA=oh+c8h17ojA	1.50E+16	0.0	42500.0
	c8h17qB=oh+c8h17ojB	1.25E+16	0.0	41600.0
7112.	c8h17qC=oh+c8h17ojC	1.25E+16	0.0	41600.0
7113.	c8h17qD=oh+c8h17ojD	1.25E+16	0.0	41600.0
	c8h17qjA=c8h16rBqA	5.70E+08	1.0	32500.0
	c8h17qjA=c8h16rCqA	9.90E+07	1.0	25000.0
7116.	c8h17qjA=c8h16rDqA	1.70E+07	1.0	22000.0
7117.	c8h17qjA=c8h16rEqA	2.90E+06	1.0	21000.0
	c8h17qjB=c8h16rAqB	8.65E+08	1.0	35500.0
	c8h17qjB=c8h16rCqB	5.70E+08	1.0	32500.0
	c8h17qjB=c8h16rDqB	9.90E+07	1.0	25000.0
7121.	c8h17qjB=c8h16rEqB	1.70E+07	1.0	22000.0
7122.	c8h17qjB=c8h16rFqB	2.90E+06	1.0	21000.0
	c8h17qjC=c8h16rAqC	1.48E+08	1.0	28000.0
	c8h17qjC=c8h16rBqC	5.70E+08	1.0	32500.0
	c8h17qjC=c8h16rDqC	5.70E+08	1.0	32500.0
	c8h17qjC=c8h16rEqC	9.90E+07	1.0	25000.0
7127.	c8h17qjC=c8h16rFqC	1.70E+07	1.0	22000.0
	c8h17qjC=c8h16rGqC	2.90E+06	1.0	21000.0
	c8h17qjD=c8h16rAqD	2.53E+07	1.0	25000.0
	c8h17qjD=c8h16rBqD	9.90E+07	1.0	25000.0
1130.	COULT (Alb-courter DAb	ノ・ノロビキロ /	1.0	23000.U

7131.	c8h17qjD=c8h16rCqD	5.70E+08	1.0	32500.0
	c8h17qjD=c8h16rEqD	5.70E+08	1.0	32500.0
	c8h17qjD=c8h16rFqD	9.90E+07	1.0	
	<del></del>			25000.0
	c8h17qjD=c8h16rGqD	1.70E+07	1.0	22000.0
7135.	c8h17qjD=c8h16rHqD	2.90E+06	1.0	21000.0
7136.	c8h17qjA+ho2=c8h17qA+o2	2.90E+11	0.0	1550.0
	c8h17qjB+ho2=c8h17qB+o2	2.90E+11	0.0	1550.0
	c8h17qjC+ho2=c8h17qC+o2	2.90E+11	0.0	1550.0
	c8h17qjD+ho2=c8h17qD+o2	2.90E+11	0.0	1550.0
7140.	c8h17qjA+h2o2=c8h17qA+ho2	2.40E+12	0.0	10000.0
7141.	c8h17qjB+h2o2=c8h17qB+ho2	2.40E+12	0.0	10000.0
	c8h17qjC+h2o2=c8h17qC+ho2	2.40E+12	0.0	10000.0
	c8h17qjD+h2o2=c8h17qD+ho2	2.40E+12	0.0	10000.0
	c8h17qjA+ho2=c8h17ojA+oh+o2	1.00E+11	0.0	0.0
7145.	c8h17qjB+ho2=c8h17ojB+oh+o2	1.00E+11	0.0	0.0
7146.	c8h17qjC+ho2=c8h17ojC+oh+o2	1.00E+11	0.0	0.0
7147.	c8h17qjD+ho2=c8h17ojD+oh+o2	1.00E+11	0.0	0.0
	c8h17qjA+ch3o2=c8h17ojA+ch3o+o2	1.40E+16	-1.6	1860.0
	c8h17qjB+ch3o2=c8h17ojB+ch3o+o2	1.40E+16	-1.6	1860.0
	c8h17qjC+ch3o2=c8h17ojC+ch3o+o2	1.40E+16	-1.6	1860.0
7151.	c8h17qjD+ch3o2=c8h17ojD+ch3o+o2	1.40E+16	-1.6	1860.0
7152.	c8h17qjA+c8h17qjA=c8h17ojA+c8h17ojA+o2	1.40E+16	-1.6	1860.0
	c8h17qjA+c8h17qjB=c8h17ojA+c8h17ojB+o2	1.40E+16	-1.6	1860.0
	c8h17qjA+c8h17qjC=c8h17ojA+c8h17ojC+o2	1.40E+16	-1.6	1860.0
	c8h17qjA+c8h17qjD=c8h17ojA+c8h17ojD+o2	1.40E+16	-1.6	1860.0
7156.	c8h17qjB+c8h17qjB=c8h17ojB+c8h17ojB+o2	1.40E+16	-1.6	1860.0
7157.	c8h17qjB+c8h17qjC=c8h17ojC+c8h17ojB+o2	1.40E+16	-1.6	1860.0
	c8h17qjB+c8h17qjD=c8h17ojD+c8h17ojB+o2	1.40E+16	-1.6	1860.0
	c8h17qjC+c8h17qjC=c8h17ojC+c8h17ojC+o2	1.40E+16	-1.6	1860.0
	c8h17qjC+c8h17qjD=c8h17ojC+c8h17ojD+o2	1.40E+16	-1.6	1860.0
7161.	c8h17qjD+c8h17qjD=c8h17ojD+c8h17ojD+o2	1.40E+16	-1.6	1860.0
7162.	c8h16rBqA+o2=c8h16qjBqA	1.70E+19	-2.5	0.0
7163.	c8h16rCqA+o2=c8h16qjCqA	1.80E+19	-2.5	0.0
	c8h16rDqA+o2=c8h16qjDqA	1.80E+19	-2.5	0.0
	c8h16rEqA+o2=c8h16qjEqA	1.80E+19	-2.5	0.0
	c8h16rAqB+o2=c8h16qjAqB	9.00E+18	-2.5	0.0
7167.	c8h16rCqB+o2=c8h16qjCqB	1.80E+19	-2.5	0.0
7168.	c8h16rDqB+o2=c8h16qjDqB	1.80E+19	-2.5	0.0
	c8h16rEqB+o2=c8h16qjEqB	1.80E+19	-2.5	0.0
	c8h16rFqB+o2=c8h16qjFqB	1.80E+19	-2.5	0.0
	c8h16rAqC+o2=c8h16qjAqC	9.00E+18	-2.5	0.0
7172.	c8h16rBqC+o2=c8h16qjBqC	1.70E+19	-2.5	0.0
7173.	c8h16rDqC+o2=c8h16qjDqC	1.80E+19	-2.5	0.0
7174.	c8h16rEqC+o2=c8h16qjEqC	1.80E+19	-2.5	0.0
	c8h16rFqC+o2=c8h16qjFqC	1.80E+19	-2.5	0.0
	c8h16rGqC+o2=c8h16qjGqC		-2.5	
	<del>-</del>	1.70E+19		0.0
	c8h16rAqD+o2=c8h16qjAqD	9.00E+18	-2.5	0.0
7178.	c8h16rBqD+o2=c8h16qjBqD	1.70E+19	-2.5	0.0
7179.	c8h16rCqD+o2=c8h16qjCqD	1.80E+19	-2.5	0.0
	c8h16rEqD+o2=c8h16qjEqD	1.80E+19	-2.5	0.0
	c8h16rFqD+o2=c8h16qjFqD	1.80E+19	-2.5	0.0
	c8h16rGqD+o2=c8h16qjGqD	1.70E+19	-2.5	0.0
	c8h16rHqD+o2=c8h16qjHqD	9.00E+18	-2.5	0.0
7184.	c8h16rAqC=>oh+c2h4+c5h11hco	5.00E+13	0.0	25500.0
	c8h16rCqA=>oh+ch2o+c7h14-1	5.00E+13	0.0	25500.0
	c8h16rBqD=>oh+c3h6+nc4h9hco	5.00E+13	0.0	25500.0
	c8h16rDqB=>oh+c6h12-1+ch3hco	5.00E+13	0.0	25500.0
	c8h16rFqD=>oh+c4h8+nc3h7hco	5.00E+13	0.0	25500.0
7189.	c8h16rEqC=>oh+ethco+c5h10	5.00E+13	0.0	25500.0
7190.	c8h16rBqA=oh+c8h16o-AB	1.38E+12	0.0	15900.0
	c8h16rCqA=oh+c8h16o-AC	2.04E+11	0.0	19500.0
	11 1- 0 0 0 0 110	_,,,,,,		

7192.	c8h16rDqA=oh+c8h16o-AD	3.63E+10	0.0	13000.0
7193.	c8h16rEqA=oh+c8h16o-AE	1.70E+08	0.0	1950.0
	c8h16rAqB=oh+c8h16o-AB	1.38E+12	0.0	15900.0
			0.0	
	c8h16rCqB=oh+c8h16o-BC	1.38E+12		15900.0
	c8h16rDqB=oh+c8h16o-BD	2.04E+11	0.0	19500.0
7197.	c8h16rEqB=oh+c8h16o-BE	3.63E+10	0.0	13000.0
7198.	c8h16rFqB=oh+c8h16o-BF	1.70E+08	0.0	1950.0
7199.	c8h16rBqC=oh+c8h16o-BC	1.38E+12	0.0	15900.0
	c8h16rAqC=oh+c8h16o-AC	2.04E+11	0.0	19500.0
	c8h16rDqC=oh+c8h16o-CD	1.38E+12	0.0	15900.0
	c8h16rEqC=oh+c8h16o-CE	2.04E+11	0.0	19500.0
	c8h16rFqC=oh+c8h16o-CF	3.63E+10	0.0	13000.0
7204.	c8h16rGqC=oh+c8h16o-BF	1.70E+08	0.0	1950.0
7205.	c8h16rCqD=oh+c8h16o-CD	1.38E+12	0.0	15900.0
7206.	c8h16rBqD=oh+c8h16o-BD	2.04E+11	0.0	19500.0
	c8h16rAqD=oh+c8h16o-AD	3.63E+10	0.0	13000.0
	c8h16rEqD=oh+c8h16o-DE	1.38E+12	0.0	15900.0
	c8h16rFqD=oh+c8h16o-CE	2.04E+11	0.0	19500.0
	c8h16rGqD=oh+c8h16o-BE	3.63E+10	0.0	13000.0
7211.	c8h16rHqD=oh+c8h16o-AE	1.70E+08	0.0	1950.0
7212.	ho2+c8h16-1=c8h16rAqB	1.50E+11	0.0	7800.0
	ho2+c8h16-1=c8h16rBqA	1.50E+11	0.0	7800.0
	ho2+c8h16-2=c8h16rBqC	1.50E+11	0.0	7800.0
	ho2+c8h16-2=c8h16rCqB	1.50E+11	0.0	7800.0
	ho2+c8h16-3=c8h16rCqD	1.50E+11	0.0	7800.0
7217.	ho2+c8h16-3=c8h16rDqC	1.50E+11	0.0	7800.0
7218.	ho2+c8h16-4=c8h16rEqD	1.50E+11	0.0	7800.0
7219.	c8h16qjBqA=oh+c8h15oAqB	3.35E+09	1.0	30500.0
	c8h16qjCqA=oh+c8h15oAqC	5.75E+08	1.0	23000.0
	c8h16qjDqA=oh+c8h15oAqD	9.89E+07	1.0	20000.0
	c8h16qjEqA=oh+c8h15oAqE	1.70E+07	1.0	19000.0
	c8h16qjAqB=oh+c8h15oBqA	1.67E+09	1.0	27500.0
7224.	c8h16qjCqB=oh+c8h15oBqC	1.67E+09	1.0	27500.0
7225.	c8h16qjDqB=oh+c8h15oBqD	2.87E+08	1.0	20000.0
7226.	c8h16qjEqB=oh+c8h15oBqE	4.94E+07	1.0	19000.0
	c8h16qjFqB=oh+c8h15oBqF	8.49E+06	1.0	16000.0
	c8h16qjAqC=oh+c8h15oCqA	2.87E+08	1.0	20000.0
		1.67E+09	1.0	27500.0
	c8h16qjBqC=oh+c8h15oCqB			
	c8h16qjDqC=oh+c8h15oCqD	1.67E+09	1.0	27500.0
	c8h16qjEqC=oh+c8h15oCqE	2.87E+08	1.0	20000.0
7232.	c8h16qjFqC=oh+c8h15oCqF	4.94E+07	1.0	19000.0
7233.	c8h16qjGqC=oh+c8h15oCqG	8.49E+06	1.0	16000.0
	c8h16qjAqD=oh+c8h15oDqA	4.94E+07	1.0	19000.0
	c8h16qjBqD=oh+c8h15oDqB	2.87E+08	1.0	20000.0
	c8h16qjCqD=oh+c8h15oDqC	1.67E+09	1.0	27500.0
	c8h16qjEqD=oh+c8h15oDqE	1.67E+09	1.0	27500.0
	c8h16qjFqD=oh+c8h15oDqF	2.87E+08	1.0	20000.0
7239.	c8h16qjGqD=oh+c8h15oDqG	4.94E+07	1.0	19000.0
7240.	c8h16qjHqD=oh+c8h15oDqH	8.49E+06	1.0	16000.0
7241.	c8h15oAqB=>oh+hco+c6h13hco	1.00E+16	0.0	43000.0
	c8h15oAqC=>oh+ch2hco+c5h11hco	1.00E+16	0.0	43000.0
	c8h15oAqD=>oh+ch2ch2hco+nc4h9hco		0.0	
	<del>-</del>	1.00E+16		43000.0
	c8h15oAqE=>oh+c3h6cho-1+nc3h7hco	1.00E+16	0.0	43000.0
	c8h15oBqA=>oh+ch2o+c6h13co	1.00E+16	0.0	43000.0
7246.	c8h15oBqC=>oh+ch3co+c5h11hco	1.00E+16	0.0	43000.0
7247.	c8h15oBqD=>oh+ch2coch3+nc4h9hco	1.00E+16	0.0	43000.0
	c8h15oBqE=>oh+ch3coc2h4p+nc3h7hco	1.00E+16	0.0	43000.0
	c8h15oBqF=>oh+c3h6coch3-1+ethco	1.00E+16	0.0	43000.0
	c8h15oCqA=>oh+ch2o+nc5h11coch2	1.00E+16	0.0	43000.0
	c8h15oCqB=>oh+ch3hco+c5h11co	1.00E+16	0.0	43000.0
7252.	c8h15oCqD=>oh+c2h5co+nc4h9hco	1.00E+16	0.0	43000.0

7253.	c8h15oCqE=>oh+c2h5coch2+nc3h7hco	1.00E+16	0.0	43000.0
	c8h15oCqF=>oh+c2h5coc2h4p+ethco	1.00E+16	0.0	43000.0
	c8h15oCqG=>oh+c2h5coc3h6-1+ch3hco	1.00E+16	0.0	43000.0
	c8h15oDqA=>oh+ch2o+nc4h9coc2h4p	1.00E+16	0.0	43000.0
7257.	c8h15oDqB=>oh+ch3hco+nc4h9coch2	1.00E+16	0.0	43000.0
7258.	c8h15oDqC=>oh+ethco+nc4h9co	1.00E+16	0.0	43000.0
7259.	c8h15oDqE=>oh+nc3h7hco+c3h7co	1.00E+16	0.0	43000.0
	c8h15oDqF=>oh+nc3h7coch2+ethco	1.00E+16	0.0	43000.0
	c8h15oDqG=>oh+nc3h7coc2h4p+ch3hco	1.00E+16	0.0	43000.0
	c8h15oDqH=>oh+nc3h7coc3h6-1+ch2o	1.00E+16	0.0	43000.0
7263.	c8h16o-AB+h=>h2+acrol+Ac5h11	4.80E+08	1.5	2785.0
7264.	c8h16o-AB+oh=>h2o+acrol+Ac5h11	2.40E+06	2.0	-1192.0
	c8h16o-AB+ho2=>h2o2+acrol+Ac5h11	2.50E+04	2.5	11605.0
	c8h16o-AB+h=>h2+ch2co+Ac6h13		1.5	
		2.40E+08		2005.0
	c8h16o-AB+oh=>h2o+ch2co+Ac6h13	1.20E+06	2.0	-1192.0
7268.	c8h16o-AB+ho2=>h2o2+ch2co+Ac6h13	1.00E+04	2.5	9400.0
7269.	c8h16o-BC+h=>h2+mvk+pc4h9	2.40E+08	1.5	2005.0
7270.	c8h16o-BC+oh=>h2o+mvk+pc4h9	1.20E+06	2.0	-1192.0
	c8h16o-BC+ho2=>h2o2+mvk+pc4h9	1.00E+04	2.5	9400.0
	<u>-</u>			
	c8h16o-BC+h=>h2+c2h5coc2h3+nc3h7	2.40E+08	1.5	2005.0
	c8h16o-BC+oh=>h2o+c2h5coc2h3+nc3h7	1.20E+06	2.0	-1192.0
7274.	c8h16o-BC+ho2=>h2o2+c2h5coc2h3+nc3h7	1.00E+04	2.5	9400.0
7275.	c8h16o-CD+h=>h2+ch3+c2h3coc4h9	2.40E+08	1.5	2005.0
	c8h16o-CD+oh=>h2o+ch3+c2h3coc4h9	1.20E+06	2.0	-1192.0
	c8h16o-CD+ho2=>h2o2+ch3+c2h3coc4h9	1.00E+04	2.5	9400.0
	c8h16o-CD+h=>h2+nc3h7+c2h5coc2h3	2.40E+08	1.5	2005.0
	c8h16o-CD+oh=>h2o+nc3h7+c2h5coc2h3	1.20E+06	2.0	-1192.0
7280.	c8h16o-CD+ho2=>h2o2+nc3h7+c2h5coc2h3	1.00E+04	2.5	9400.0
7281.	c8h16o-CD+h=>h2+c2h5+c2h3coc3h7	4.80E+08	1.5	2005.0
7282.	c8h16o-CD+oh=>h2o+c2h5+c2h3coc3h7	2.40E+06	2.0	-1192.0
	c8h16o-CD+ho2=>h2o2+c2h5+c2h3coc3h7	2.00E+04	2.5	9400.0
	c8h16o-AC+h=>h2+c7h14-1+hco		1.5	
		4.80E+08		2785.0
	c8h16o-AC+oh=>h2o+c7h14-1+hco	2.40E+06	2.0	-1192.0
	c8h16o-AC+ho2=>h2o2+c7h14-1+hco	2.50E+04	2.5	11605.0
7287.	c8h16o-AC+h=>h2+c2h4+c5h11co	2.40E+08	1.5	2005.0
7288.	c8h16o-AC+oh=>h2o+c2h4+c5h11co	1.20E+06	2.0	-1192.0
7289	c8h16o-AC+ho2=>h2o2+c2h4+c5h11co	1.00E+04	2.5	9400.0
	c8h16o-BD+h=>h2+ch3co+c6h12-1	2.40E+08	1.5	2005.0
	c8h16o-BD+oh=>h2o+ch3co+c6h12-1	1.20E+06	2.0	-1192.0
	c8h16o-BD+ho2=>h2o2+ch3co+c6h12-1	1.00E+04	2.5	9400.0
7293.	c8h16o-BD+h=>h2+c3h6+nc4h9co	2.40E+08	1.5	2005.0
7294.	c8h16o-BD+oh=>h2o+c3h6+nc4h9co	1.20E+06	2.0	-1192.0
7295.	c8h16o-BD+ho2=>h2o2+c3h6+nc4h9co	1.00E+04	2.5	9400.0
	c8h16o-CE+h=>h2+c5h10+c2h5co	2.40E+08	1.5	2005.0
	c8h16o-CE+oh=>h2o+c5h10+c2h5co	1.20E+06	2.0	-1192.0
	c8h16o-CE+ho2=>h2o2+c5h10+c2h5co	1.00E+04	2.5	9400.0
	c8h16o-CE+h=>h2+c4h8+c3h7co	2.40E+08	1.5	2005.0
7300.	c8h16o-CE+oh=>h2o+c4h8+c3h7co	1.20E+06	2.0	-1192.0
7301.	c8h16o-CE+ho2=>h2o2+c4h8+c3h7co	1.00E+04	2.5	9400.0
	c8h16o-AD+h=h2+c6h12-1+ch2hco	4.80E+08	1.5	2785.0
	c8h16o-AD+oh=h2o+c6h12-1+ch2hco	2.40E+06		
			2.0	-1192.0
	c8h16o-AD+ho2=h2o2+c6h12-1+ch2hco	2.50E+04	2.5	11605.0
	c8h16o-AD+h=h2+c2h4+nc4h9coch2	2.40E+08	1.5	2005.0
7306.	c8h16o-AD+oh=h2o+c2h4+nc4h9coch2	1.20E+06	2.0	-1192.0
7307.	c8h16o-AD+ho2=h2o2+c2h4+nc4h9coch2	1.00E+04	2.5	9400.0
	c8h16o-BE+h=h2+c5h10+ch2coch3	2.40E+08	1.5	2005.0
	c8h16o-BE+oh=h2o+c5h10+ch2coch3	1.20E+06	2.0	-1192.0
	c8h16o-BE+ho2=h2o2+c5h10+ch2coch3	1.00E+04		
			2.5	9400.0
	c8h16o-BE+h=h2+c3h6+nc3h7coch2	2.40E+08	1.5	2005.0
	c8h16o-BE+oh=h2o+c3h6+nc3h7coch2	1.20E+06	2.0	-1192.0
7313.	c8h16o-BE+ho2=h2o2+c3h6+nc3h7coch2	1.00E+04	2.5	9400.0

7314.	c8h16o-CF+h=h2+c4h8+c2h5coch2	4.80E+08	1.5	2005.0
7315	c8h16o-CF+oh=h2o+c4h8+c2h5coch2	2.40E+06	2.0	-1192.0
	c8h16o-CF+ho2=h2o2+c4h8+c2h5coch2	2.00E+04	2.5	9400.0
	c8h16o-AE+h=>h2+c5h10+ch2ch2hco	4.80E+08	1.5	2785.0
7318.	c8h16o-AE+oh=>h2o+c5h10+ch2ch2hco	2.40E+06	2.0	-1192.0
7319.	c8h16o-AE+ho2=>h2o2+c5h10+ch2ch2hco	2.50E+04	2.5	11605.0
7320	c8h16o-AE+h=>h2+c2h4+nc3h7coc2h4p	2.40E+08	1.5	2005.0
	c8h16o-AE+oh=>h2o+c2h4+nc3h7coc2h4p	1.20E+06	2.0	-1192.0
	c8h16o-AE+ho2=>h2o2+c2h4+nc3h7coc2h4p	1.00E+04	2.5	9400.0
	c8h16o-BF+h=>h2+c4h8+ch3coc2h4p	2.40E+08	1.5	2005.0
7324.	c8h16o-BF+oh=>h2o+c4h8+ch3coc2h4p	1.20E+06	2.0	-1192.0
7325.	c8h16o-BF+ho2=>h2o2+c4h8+ch3coc2h4p	1.00E+04	2.5	9400.0
	c8h16o-BF+h=>h2+c3h6+c2h5coc2h4p	2.40E+08	1.5	2005.0
	c8h16o-BF+oh=>h2o+c3h6+c2h5coc2h4p	1.20E+06	2.0	-1192.0
	c8h16o-BF+ho2=>h2o2+c3h6+c2h5coc2h4p	1.00E+04	2.5	9400.0
7329.	octanone+h=>h2+ch2co+c2h5+2c2h4	2.70E+07	2.0	5000.0
7330.	octanone+oh=>h2o+ch2co+c2h5+2c2h4	7.80E+06	2.0	-765.0
	octanone+ho2=>h2o2+ch2co+c2h5+2c2h4	1.20E+12	0.0	15500.0
	octanone+ch3=>ch4+ch2co+c2h5+2c2h4	6.00E+11	0.0	9600.0
	octanone+ch3o2=>ch3o2h+ch2co+c2h5+2c2h4	6.00E+11	0.0	9600.0
7334.	octanone+c2h5=>c2h6+ch2co+c2h5+2c2h4	6.00E+11	0.0	11000.0
7335.	Ac9h19+o2=c9h19qjA	9.00E+18	-2.5	0.0
7336.	Bc9h19+o2=c9h19qjB	1.70E+19	-2.5	0.0
	Cc9h19+o2=c9h19qjC	1.80E+19	-2.5	0.0
	Dc9h19+o2=c9h19qjD	1.80E+19	-2.5	0.0
	Ec9h19+o2=c9h19qjE	1.80E+19	-2.5	0.0
7340.	Ac9h19+ho2=c9h19ojA+oh	7.00E+12	0.0	-1000.0
7341.	Bc9h19+ho2=c9h19ojB+oh	7.00E+12	0.0	-1000.0
	Cc9h19+ho2=c9h19ojC+oh	7.00E+12	0.0	-1000.0
	Dc9h19+ho2=c9h19ojD+oh		0.0	-1000.0
		7.00E+12		
	Ec9h19+ho2=c9h19ojE+oh	7.00E+12	0.0	-1000.0
7345.	Ac9h19+ch3o2=c9h19ojA+ch3o	7.00E+12	0.0	-1000.0
7346.	Bc9h19+ch3o2=c9h19ojB+ch3o	7.00E+12	0.0	-1000.0
	Cc9h19+ch3o2=c9h19ojC+ch3o	7.00E+12	0.0	-1000.0
	Dc9h19+ch3o2=c9h19ojD+ch3o	7.00E+12	0.0	-1000.0
	Ec9h19+ch3o2=c9h19ojE+ch3o	7.00E+12	0.0	-1000.0
	Ac9h19+c2h5o2=c9h19ojA+c2h5o	7.00E+12	0.0	-1000.0
7351.	Bc9h19+c2h5o2=c9h19ojB+c2h5o	7.00E+12	0.0	-1000.0
7352.	Cc9h19+c2h5o2=c9h19ojC+c2h5o	7.00E+12	0.0	-1000.0
	Dc9h19+c2h5o2=c9h19ojD+c2h5o	7.00E+12	0.0	-1000.0
	Ec9h19+c2h5o2=c9h19ojE+c2h5o	7.00E+12	0.0	-1000.0
	<del></del>			
	Ac9h19+nc3h7o2=c9h19ojA+nc3h7o	7.00E+12	0.0	-1000.0
	Bc9h19+nc3h7o2=c9h19ojB+nc3h7o	7.00E+12	0.0	-1000.0
7357.	Cc9h19+nc3h7o2=c9h19ojC+nc3h7o	7.00E+12	0.0	-1000.0
7358.	Dc9h19+nc3h7o2=c9h19ojD+nc3h7o	7.00E+12	0.0	-1000.0
	Ec9h19+nc3h7o2=c9h19ojE+nc3h7o	7.00E+12	0.0	-1000.0
	Ac9h19+ic3h7o2=c9h19ojA+ic3h7o	7.00E+12	0.0	-1000.0
	<del>_</del>			
	Bc9h19+ic3h7o2=c9h19ojB+ic3h7o	7.00E+12	0.0	-1000.0
7362.	Cc9h19+ic3h7o2=c9h19ojC+ic3h7o	7.00E+12	0.0	-1000.0
7363.	Dc9h19+ic3h7o2=c9h19ojD+ic3h7o	7.00E+12	0.0	-1000.0
7364.	Ec9h19+ic3h7o2=c9h19ojE+ic3h7o	7.00E+12	0.0	-1000.0
	Ac9h19+c9h19qjA=2c9h19ojA	7.00E+12	0.0	-1000.0
	Bc9h19+c9h19qjA=c9h19ojB+c9h19ojA			
	== = = = = = = = = = = = = = = = = = = =	7.00E+12	0.0	-1000.0
	Cc9h19+c9h19qjA=c9h19ojC+c9h19ojA	7.00E+12	0.0	-1000.0
	Dc9h19+c9h19qjA=c9h19ojD+c9h19ojA	7.00E+12	0.0	-1000.0
7369.	Ec9h19+c9h19qjA=c9h19ojE+c9h19ojA	7.00E+12	0.0	-1000.0
	Ac9h19+c9h19qjB=c9h19ojA+c9h19ojB	7.00E+12	0.0	-1000.0
	Bc9h19+c9h19qjB=2c9h19ojB	7.00E+12	0.0	-1000.0
	Cc9h19+c9h19qjB=c9h19ojC+c9h19ojB	7.00E+12	0.0	-1000.0
	Dc9h19+c9h19qjB=c9h19ojD+c9h19ojB	7.00E+12	0.0	-1000.0
7374.	Ec9h19+c9h19qjB=c9h19ojE+c9h19ojB	7.00E+12	0.0	-1000.0

7375. acbh19+c9h19qic=gh19oja+c9h19ojc 7376. bcbh19+c9h19qic=gh19oja+c9h19ojc 7377. ccbh19+c9h19qic=gh19oja+c9h19ojc 7378. bcbh19+c9h19qic=gh19oja+c9h19ojc 7378. bcbh19+c9h19qic=gh19oja+c9h19ojc 7379. bcbh19+c9h19qic=gh19oja+c9h19ojc 7379. bcbh19+c9h19qic=gh19oja+c9h19ojc 7379. bcbh19+c9h19qic=gh19oja+c9h19ojc 7380. acbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7381. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7382. ccbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7383. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7383. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7384. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7385. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7386. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7387. ccbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7388. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7386. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7386. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7386. bcbh19+c9h19qip=c9h19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7386. bcbh19+c9h19qip=gh19oja+c9h19ojp 7,00E+12 0.0 -1000.0 7387. chlla-chla-chla-chla-chla-chla-chla-chla					
7376.         Be9h19+e9h19qiCe=9h19ojE         7.00E+12         0.0         -1000.0           7377.         Ce9h19+e9h19qiCe=2h19ojE         7.00E+12         0.0         -1000.0           7378.         De9h19+e9h19qiCe=9h19ojEC         7.00E+12         0.0         -1000.0           7379.         E8h19+e9h19qiCe=9h19ojEx-Psh19ojD         7.00E+12         0.0         -1000.0           7381.         Be3h19+e9h19qiD=e9h19ojBa-Psh19ojD         7.00E+12         0.0         -1000.0           7382.         Ce9h19+e9h19qiD=e9h19ojEx-Psh19ojD         7.00E+12         0.0         -1000.0           7383.         De9h19+e9h19qiD=e9h19ojEx-Psh19ojD         7.00E+12         0.0         -1000.0           7384.         E8h19+e9h19qiD=e9h19ojEx-Psh19ojD         7.00E+12         0.0         -1000.0           7385.         Be8h19+e9h19qiEx-Psh19ojEx         7.00E+12         0.0         -1000.0           7386.         Be8h19+e9h19qiEx-Psh19ojEx         7.00E+12         0.0         -1000.0           7387.         Ce8h19+e9h19qiEx-Psh19ojEx         7.00E+12         0.0         -1000.0           7388.         De8h19+e9h19qiEx-Psh19ojEx         7.00E+12         0.0         -1000.0           7388.         De8h19+e9h19qiEx-Psh19ojEx         7.00E+12         0	7375.	Ac9h19+c9h19qiC=c9h19oiA+c9h19oiC	7.00E+12	0.0	-1000.0
7377. Ce9h19-e9h19-gir-2e9h19-gir         7.00E+12         0.0         -1000.0           7378. De9h19-e9h19-gir-2e9h19-gir-e9h19-gir         7.00E+12         0.0         -1000.0           7379. Be9h19-e9h19-gir-e9h19-gir-e9h19-gir         7.00E+12         0.0         -1000.0           7380. Ae9h19-e9h19-gir-e9h19-gh19-gh19-gh19-gh19-gh19-gh19-gh19-		<del></del>			
7379. Eo9h19+c9h19qiC-c9h19qiE-c9h19ojC 7379. Eo9h19+c9h19qiD-c9h19qiE-c9h19ojC 7381. Bo9h19+c9h19qiD-c9h19qiH-c9h19ojD 7382. Co9h19+c9h19qiD-c9h19qiH-c9h19ojD 7382. Co9h19+c9h19qiD-c9h19qiB-c9h19qiD 7382. Co9h19+c9h19qiD-c9h19qiB-c9h19qiD 7383. Do9h19+c9h19qiD-c9h19qiB-c9h19qiD 7384. Eo9h19+c9h19qiD-c9h19qiB-c9h19qiD 7384. Eo9h19+c9h19qiD-c9h19qiB-c9h19qiD 7386. Do9h19+c9h19qiD-c9h19qiB-c9h19qiD 7386. Eo9h19+c9h19qiD-c9h19qiB-c9h19qiB 7386. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7386. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7386. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7386. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7388. Do9h19+c9h19qiB-c9h19qiB-c9h19qiB 7388. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7388. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7388. Eo9h19+c9h19qiB-c9h19qiB-c9h19qiB 7390. c9h19qiA-c12o-tAc8h17 7391. c9h19qiB-c13-ch16h10c 2001000.0 7392. c9h19qiB-c13-ch16h10c 2001000.0 7393. c9h19qiB-c13-ch16h10c 2001000.0 7393. c9h19qiB-c13-ch16h10c 2001000.0 7394. c9h19qiB-c13-ch16h10c 2001000.0 7395. c9h19qiB-c13-ch16h10c 2001000.0 7395. c9h19qiB-c13-ch16h10c 2001000.0 7396. c9h19qiB-c13-ch16h10c 2001000.0 7397. c9h19qiB-c13-ch16h10c 2001000.0 7399. c9h19qiB-c13-ch16h10c 2001000.0 7399. c9h19qiB-c13-ch16h10c 2001000.0 7399. c9h19qiB-c13-ch16h10c 2001000.0 7399. c9h19qiB-c04h19qiB 2001000.0 7390. c9h19qiB-c04h19qiB 2001000.0 7390. c9h19qiB-c04h19qiB 2001000.0 7390. c9h19qiB-c04h19qiB 2001000.0 7390. c9h19qiB-c04h10c 2000.0 7390.0		<del></del>			
7379. ES9N19+c9N19qiD=c9N19qiA+c9N19qiD 7380. Ac9N19+c9N19qiD=c9N19qiA+c9N19qiD 7381. Bc9h19+c9N19qiD=c9N19qiA+c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiC+c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7384. Bc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7384. Bc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7385. Ac9N19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Ac9N19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7387. Cc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7388. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7389. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7399. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7390. c9N19qiD=cN19qiD+c9N19qiD 7391. c9N19qiD=cN19qiD+c9N19qiD 7392. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+cN19qiD 7393. c9N19qiD=cN19qiD+cN19qiD 7394. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7396. c9N19qiD=cN19qiD+cN19qiD 7397. c9N19qiD=cN19qiD+cN19qiD 7397. c9N19qiD=cN19qiD 7399. c9N19qa=cN19qiD 7399. c9N19qiB=cN19qiD 7399. c9N19qiD=cN19qiD 739	7377.	Cc9h19+c9h19qjC=2c9h19ojC	7.00E+12	0.0	-1000.0
7379. ES9N19+c9N19qiD=c9N19qiA+c9N19qiD 7380. Ac9N19+c9N19qiD=c9N19qiA+c9N19qiD 7381. Bc9h19+c9N19qiD=c9N19qiA+c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiC+c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7382. Cc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7384. Bc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7384. Bc9h19+c9N19qiD=c9N19qiD=c9N19qiD 7385. Ac9N19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Ac9N19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7386. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7387. Cc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7388. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7389. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7399. Bc9h19+c9N19qiD=c9N19qiD+c9N19qiD 7390. c9N19qiD=cN19qiD+c9N19qiD 7391. c9N19qiD=cN19qiD+c9N19qiD 7392. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+c9N19qiD 7393. c9N19qiD=cN19qiD+cN19qiD 7393. c9N19qiD=cN19qiD+cN19qiD 7394. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7395. c9N19qiD=cN19qiD+cN19qiD 7396. c9N19qiD=cN19qiD+cN19qiD 7397. c9N19qiD=cN19qiD+cN19qiD 7397. c9N19qiD=cN19qiD 7399. c9N19qa=cN19qiD 7399. c9N19qiB=cN19qiD 7399. c9N19qiD=cN19qiD 739	7378	Dc9h19+c9h19giC=c9h19giD+c9h19giC	7 OOE+12	0 0	-1000 0
7.381   Re9hi9+c9hi9qiD=c9hi9qiA+c9hi9qiD					
7381. Re9h19+c9h19qiD+c9h19qiE+c9h19qiD         7.00E+12         0.0         -1000.0           7382. Ce9h19+c9h19qiD+c9h19qiD+c9h19qiD         7.00E+12         0.0         -1000.0           7384. Re9h19+c9h19qiD+c9h19qiB+c9h19qiD         7.00E+12         0.0         -1000.0           7384. Re9h19+c9h19qiB+c9h19qiB+c9h19qiD         7.00E+12         0.0         -1000.0           7385. Ac9h19+c9h19qiB+c9h19qiB+c9h19qiB         7.00E+12         0.0         -1000.0           7386. Re9h19+c9h19qiB+c9h19qiB+c9h19qiB         7.00E+12         0.0         -1000.0           7387. Ce9h19+c9h19qiB+c9h19qiB         7.00E+12         0.0         -1000.0           7388. Re9h19+c9h19qiB+c9h19qiB+c9h19qiB         7.00E+12         0.0         -1000.0           7389. Re9h19+c9h19qiB+c2c9h19qiB         7.00E+12         0.0         -1000.0           7390. c9h19qiB-ch2c4cAc8h17         1.22E+19         -1.7         14690.0           7391. c9h19qiB-ch2hc4cAc8h17         1.22E+19         -1.7         14690.0           7392. c9h19qiB-ch3+c7h15hc         6.40E+10         0.9         10202.0           7393. c9h19qiB-ch3+c7h15hc         1.58E+1         0.9         10202.0           7394. c9h19qiB-ch3+ch3hto         1.58E+1         0.1         11001.0           7395. c9h19qiB-ch3+ch3hto		25 5	7.00E+12		
7381. Be9h19+e9h19qip=e9h19qis+c9h19qip         7.00F+12         0.0         -1000.0           7382. Ce9h19+e9h19qip=c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7384. Be9h19+c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7385. Ae9h19+c9h19qip=c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7386. Be9h19+c9h19qip=c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7386. Be9h19+c9h19qip=c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7387. Ce9h19+c9h19qip=c9h19qip=c9h19qip         7.00F+12         0.0         -1000.0           7388. Be9h19+c9h19qip=c9h19qip-c9h19qip         7.00F+12         0.0         -1000.0           7389. Ee9h19+c9h19qip=c2p9h19qip         7.00F+12         0.0         -1000.0           7390. c9h19qip=ch2ch2eh28h19qip         7.00F+12         0.0         -1000.0           7391. c9h19qip=ch2ch2eh28h19qip         7.00F+12         0.0         -1000.0           7392. c9h19qip=ch2eh29h19qip         1.2EP19         -1.7         14690.0           7393. c9h19qip=ch3+c7h15hc         6.40F+10         0.9         10202.0           7394. c9h19qip=ch3+c7h15hc         1.08F+11         0.9         10202.0           7395. c9h19qip=ch3+c	7380.	Ac9h19+c9h19qjD=c9h19ojA+c9h19ojD	7.00E+12	0.0	-1000.0
7382. Ce9h19+c9h19qip=2c9h19ojt 7.00E+12 0.0 -1000.0 7384. Ee9h19+c9h19qip=2c9h19ojt 7.00E+12 0.0 -1000.0 7385. Ac9h19+c9h19qip=c9h19ojt+c9h19ojt 7.00E+12 0.0 -1000.0 7386. Be9h19+c9h19qip=c9h19ojt+c9h19ojt 7.00E+12 0.0 -1000.0 7386. Be9h19+c9h19qip=c9h19ojt+c9h19ojt 7.00E+12 0.0 -1000.0 7386. Be9h19+c9h19qip=c9h19ojt-c9h19ojt 7.00E+12 0.0 -1000.0 7387. Cc9h19+c9h19qip=c9h19ojt-c9h19ojt 7.00E+12 0.0 -1000.0 7388. De9h19+c9h19qip=c9h19ojt-c9h19ojt 7.00E+12 0.0 -1000.0 7388. De9h19+c9h19qip=c9h19ojt-c9h19ojt 7.00E+12 0.0 -1000.0 7389. C9h19+c9h19qip=2c9h19ojt 7.00E+12 0.0 -1000.0 7390. C9h19ojAch2c0+Ac8h17 1 1.22E+19 -1.7 14690.0 7390. C9h19ojAch2c0+Ac8h17 1 1.22E+19 -1.7 14690.0 7391. c9h19ojBech3rc9h18ojt 0.0 2.00E+10 0.9 10202.0 7392. C9h19ojBech3rc9h18ojt 0.0 2.00E+10 0.9 10202.0 7393. c9h19ojCechtc0+Ac6h13 1.00E+11 0.9 10020.0 7394. C9h19ojCechtc0+Ac6h13 1.00E+11 0.9 10090.0 7395. c9h19ojCechtc0+Ac6h13 1.00E+11 0.9 10090.0 7395. c9h19ojDech3r7+c5h11hco 1.51E+14 -0.1 11001.0 7396. c9h19ojDech3r7+c5h11hco 1.51E+14 -0.1 11001.0 7397. c9h19ojDech4Ph10c0 1.51E+14 -0.1 11001.0 7399. c9h19ojDech4Ph10c0 4.79E+14 -0.1 11232.0 7398. c9h19ojDech4Ph10c0 4.79E+14 -0.1 11232.0 7399. c9h19qBech+c9h19ojD 1.55E+16 0.0 41600.0 7400. c9h19qCech+c9h19ojD 1.55E+16 0.0 41600.0 7400. c9h19qCech+c9h19ojD 1.52E+16 0.0 41600.0 7401. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7404. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7405. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7406. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7407. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7408. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7409. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7410. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7411. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7412. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7413. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7414. c9h19qJac-ohl8rBqA 9.90E+07 1.0 25000.0 7415. c9h19qJac-ohl8rBqA 9.90E		<del></del>	7 000.12		
7384 Ee9h19+c9h19qip=c9h19ojb Fec9h19ojb 7.00E+12 0.0 -1000.0 7385 Ac9h19+c9h19qip=c9h19ojbEec9h19ojb 7.00E+12 0.0 -1000.0 7385 Ac9h19+c9h19qip=c9h19ojA+c9h19ojB 7.00E+12 0.0 -1000.0 7386 Bc9h19+c9h19qip=c9h19ojA+c9h19ojB 7.00E+12 0.0 -1000.0 7386 Bc9h19+c9h19qip=c9h19ojC+c9h19ojB 7.00E+12 0.0 -1000.0 7387 Cc9h19+c9h19qip=c9h19ojD+c9h19ojB 7.00E+12 0.0 -1000.0 7388 Bc9h19+c9h19qip=c9h19ojD+c9h19ojB 7.00E+12 0.0 -1000.0 7389 Ee9h19+c9h19qip=c9h19ojD+c9h19ojB 7.00E+12 0.0 -1000.0 7389 Ee9h19+c9h19qip=c9h19ojD+c9h19ojB 7.00E+12 0.0 -1000.0 7390 Cs9h19+c9h19qip=c9h19ojD+c9h19ojB 7.00E+12 0.0 -1000.0 7390 Cs9h19ojA=ch2o+Ac8h17 1.22E+19 -1.7 14690.0 7391 cs9h19ojB=ch3hco+Ac9h15 6.40E+10 0.9 1022.0 7391 cs9h19ojB=ch3hco+Ac9h15 6.40E+10 0.9 1022.0 7391 cs9h19ojB=ch3hco+Ac9h13 1.08E+11 0.9 10094.0 7393 cs9h19ojD=ch3hrAc9h15hac 1.64E+13 0.3 9297.0 7395 cs9h19ojD=c3hrAc9h15hac 1.64E+13 0.3 9297.0 7395 cs9h19ojD=c3hrAc9h15hac 1.56E+14 0.1 110094.0 7394 cs9h19ojD=c3hrAc9h19ojA 1.56E+14 0.1 11590.0 7395 cs9h19ojD=c3hrAc9h19ojB 1.55E+14 0.1 11590.0 7398 cs9h19qa=oh+c9h19ojB 1.55E+16 0.0 41600.0 7399 cs9h19qa=oh+c9h19ojB 1.55E+16 0.0 41600.0 7400 cs9h19qa=oh+c9h19ojB 1.25E+16 0.0 41600.0 7400 cs9h19qa=oh+c9h19ojB 1.25E+16 0.0 41600.0 7401 cs9h19qa=oh+c9h19ojD 1.25E+16 0.0 41600.0 7401 cs9h19qa=oh+c9h19ojD 1.25E+16 0.0 41600.0 7402 cs9h19qa=oh+c9h19caD 1.0 25000.0 7402 cs9h19qa=oh+c9h19caD 1.0 25000.0 7402 cs9h19qa=oh+c9h19caD 1.0 25000.0 7402 cs9h19qa=oh+c9h19caD 1.0 25000.		<del></del>			
7384. Ee9h19+c9h19qjBec9h19ojPec9h19ojB         7.00E+12         0.0         -1000.0           7385. Ae9h19+c9h19qjBec9h19ojBec9h19ojB         7.00E+12         0.0         -1000.0           7386. Be9h19+c9h19qjBec9h19ojBec9h19ojB         7.00E+12         0.0         -1000.0           7387. Ce9h19+c9h19qjBec9h19ojDec9h19ojB         7.00E+12         0.0         -1000.0           7388. De9h19+c9h19qjBec9h19ojDec9h19ojB         7.00E+12         0.0         -1000.0           7390. c9h19ojAech2oAc8h17         1.22E+19         -1.7         14690.0           7391. c9h19ojBech3hco+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojBech3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9h19ojCechbc-Ac6h13         1.08E+11         0.9         10094.0           7394. c9h19ojDenc3h7hcohAc6h11         3.06E+14         -0.1         11501.0           7395. c9h19ojDenc3h7hcohAc6h11         3.56E+14         -0.1         11501.0           7396. c9h19ojDenc3h7hcohAc6h11         3.56E+14         -0.1         11501.0           7397. c9h19ojEepc4h9hoc4h9hco         4.97E+14         -0.1         11501.0           7398. c9h19qaEepche9h19ojB         1.5E+16         0.0         42500.0           7400. c9h19qaebch-c9h19ojD         1.5	7382.	Cc9h19+c9h19qjD=c9h19ojC+c9h19ojD	7.00E+12	0.0	-1000.0
7384. Ee9h19+c9h19qjBec9h19ojPec9h19ojB         7.00E+12         0.0         -1000.0           7385. Ae9h19+c9h19qjBec9h19ojBec9h19ojB         7.00E+12         0.0         -1000.0           7386. Be9h19+c9h19qjBec9h19ojBec9h19ojB         7.00E+12         0.0         -1000.0           7387. Ce9h19+c9h19qjBec9h19ojDec9h19ojB         7.00E+12         0.0         -1000.0           7388. De9h19+c9h19qjBec9h19ojDec9h19ojB         7.00E+12         0.0         -1000.0           7390. c9h19ojAech2oAc8h17         1.22E+19         -1.7         14690.0           7391. c9h19ojBech3hco+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojBech3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9h19ojCechbc-Ac6h13         1.08E+11         0.9         10094.0           7394. c9h19ojDenc3h7hcohAc6h11         3.06E+14         -0.1         11501.0           7395. c9h19ojDenc3h7hcohAc6h11         3.56E+14         -0.1         11501.0           7396. c9h19ojDenc3h7hcohAc6h11         3.56E+14         -0.1         11501.0           7397. c9h19ojEepc4h9hoc4h9hco         4.97E+14         -0.1         11501.0           7398. c9h19qaEepche9h19ojB         1.5E+16         0.0         42500.0           7400. c9h19qaebch-c9h19ojD         1.5	7383.	Dc9h19+c9h19aiD=2c9h19aiD	7.00E+12	0.0	-1000.0
7385. Ac9h19+c9h19qjE=c9h19cjA+c9h19cjE         7.00E+12         0.0         -1000.0           7386. Be9h19+c9h19qjE=c9h19cjB=c9h19cjE         7.00E+12         0.0         -1000.0           7387. Cc9h19+c9h19qjE=c9h19cjD+c9h19cjE         7.00E+12         0.0         -1000.0           7389. Ec9h19+c9h19qjE=c9h19cjD+c9h19cjE         7.00E+12         0.0         -1000.0           7389. Ec9h19+c9h19qjE=c9h19cjD+c9h19cjE         7.00E+12         0.0         -1000.0           7390. c9h19cjB-ch3bco+Ac9h15         6.40E+10         0.9         -1000.0           7391. c9h19cjB-ch3bco+Ac9h15         6.40E+10         0.9         10020.0           7392. c9h19cjB-ch3bco+Ac9h15         6.40E+10         0.9         10094.0           7393. c9h19cjB-ch3bcAc6h13         1.08E+11         0.9         10094.0           7394. c9h19cjB-ch3br6chAc8h11         1.56E+16         0.0         41000.0           7395. c9h19cjD-cha3hr7cshAc8h11         3.96E+14         -0.1         111590.0           7396. c9h19cjB-ch49hnc4h9hco         4.97E+14         -0.1         11232.0           7398. c9h19cjB-ch49hnc4h9hco         4.97E+14         -0.1         11232.0           7398. c9h19qA-chc9h19cjB         1.5EE+16         0.0         41600.0           7400. c9h19qC-ch+c9h19cjC         1.25E					
7386. Be9h19+c9h19qiB=c9h19ojB+c9h19ojE					
7387. Cc9h19+c9h19qjE=c9h19ojD+c9h19ojE         7.00E+12         0.0         -1000.0           7388. Dc9h19+c9h19qjE=c9h19ojD+c9h19ojE         7.00E+12         0.0         -1000.0           7389. Ec9h19+c9h19qjE=2c9h19ojE         7.00E+12         0.0         -1000.0           7390. c9h19ojA=ch2c0+Ac8h17         1.2ZE+19         -1.7         14690.0           7391. c9h19ojB=ch3hc0+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojB=ch3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9h19ojC=c2h5+c6h13hco         1.64E+13         0.3         9297.0           7395. c9h19ojD=c3h7+c6h13hco         1.5E+14         -0.1         11501.0           7396. c9h19ojD=c3h7+c6h13hco         1.5E+14         -0.1         11501.0           7396. c9h19ojD=cAh9+nc4h9hco         4.9TE+14         -0.1         11520.0           7398. c9h19qA=Oh+c9h19ojB         1.5DE+16         0.0         41600.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qC=Oh+c9h19ojB         1.25E+16         0.0         41600.0           7401. c9h19q3b=c9h18rbqA         5.70E+8         1.0         25000.0           7402. c9h19q3b=c9h18rbqB         1.25E+16         0.0         41600.	7385.	Ac9h19+c9h19qjE=c9h19ojA+c9h19ojE	7.00E+12	0.0	-1000.0
7387. Cc9h19+c9h19qjE=c9h19ojD+c9h19ojE         7.00E+12         0.0         -1000.0           7388. Dc9h19+c9h19qjE=c9h19ojD+c9h19ojE         7.00E+12         0.0         -1000.0           7389. Ec9h19+c9h19qjE=2c9h19ojE         7.00E+12         0.0         -1000.0           7390. c9h19ojA=ch2c0+Ac8h17         1.2ZE+19         -1.7         14690.0           7391. c9h19ojB=ch3hc0+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojB=ch3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9h19ojC=c2h5+c6h13hco         1.64E+13         0.3         9297.0           7395. c9h19ojD=c3h7+c6h13hco         1.5E+14         -0.1         11501.0           7396. c9h19ojD=c3h7+c6h13hco         1.5E+14         -0.1         11501.0           7396. c9h19ojD=cAh9+nc4h9hco         4.9TE+14         -0.1         11520.0           7398. c9h19qA=Oh+c9h19ojB         1.5DE+16         0.0         41600.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qC=Oh+c9h19ojB         1.25E+16         0.0         41600.0           7401. c9h19q3b=c9h18rbqA         5.70E+8         1.0         25000.0           7402. c9h19q3b=c9h18rbqB         1.25E+16         0.0         41600.	7386	Bc9h19+c9h19aiE=c9h19aiB+c9h19aiE	7 NOE+12	0 0	-1000 0
7388. De9h19+c9h19qjE=2c9h19ojE         7.00E+12         0.0         -1000.0           7389. Ec9h19-c9h19qjE=2c9h19ojE         7.00E+12         0.0         -1000.0           7390. c9h19ojA=ch2o+Ac8h17         1.22E+19         -1.7         14680.0           7391. c9h19ojBech3hco+Ac7h15         6.40E+10         0.9         10020.0           7392. c9h19ojBech3hco+Ac6h13         1.08E+11         0.9         10094.0           7394. c9h19ojDec3h7+c5h1lhco         1.64E+13         0.3         9297.0           7395. c9h19ojDenc3h7hco+Ac5h11         3.96E+14         -0.1         11501.0           7397. c9h19ojDenc3h7hco+Ac5h11         3.96E+14         -0.1         11509.0           7398. c9h19qBe-Ahc9h19ojA         1.50E+16         0.0         42500.0           7399. c9h19qBe-Ahc9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qCe-Ac9h19ojC         1.25E+16         0.0         41600.0           7401. c9h19qEeAhc9h19ojB         1.25E+16         0.0         41600.0           7402. c9h19qEeAhc9h19ojB         1.25E+16         0.0         41600.0           7402. c9h19qEeAhc9h19ojB         1.25E+16         0.0         41600.0           7402. c9h19qEeAhc9h18orB         5.70E+08         1.0         22500.0      <					
7388. E-9h19+c9h19cjBe-2c9h19cjE         7.00E+12         0.0         -1000.0           7390. c9h19cjAe-ch2c+Ac8h17         1.22E+19         -1.7         14690.0           7391. c9h19cjBe-ch3hco+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19cjBe-ch3hco+Ac7h15hco         2.08E+10         1.1         14206.0           7393. c9h19cjCe-ch5h-c6h13hco         1.64E+13         0.3         9297.0           7395. c9h19cjDenc3h7co+Ac5h1lhco         1.51E+14         -0.1         11010.0           7396. c9h19cjDenc3h7hco+Ac5h1lhco         1.51E+14         -0.1         11252.0           7397. c9h19cjDenc3h7hco+Ac5h1lhco         4.97E+14         -0.1         11232.0           7398. c9h19cjDenc3h7hco+Ac5h1lhco         4.97E+14         -0.1         11232.0           7398. c9h19cjAe-Oh+c9h19cjB         1.50E+16         0.0         41600.0           7399. c9h19qBe-Oh+c9h19cjB         1.25E+16         0.0         41600.0           7401. c9h19qCe-Oh+c9h19cjB         1.25E+16         0.0         41600.0           7402. c9h19qCe-Oh+c9h19cjB         1.25E+16         0.0         41600.0           7402. c9h19qCe-Oh+c9h19cjB         1.25E+16         0.0         41600.0           7403. c9h19qCe-Oh+c9h19cjB         1.25E+16         0.0					
7391. c9h19ojB=ch3hco+Ac7h15         6.40E+10         0.9         10202.0           7391. c9h19ojB=ch3hco+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojB=ch3hco+Ac7h15hco         2.0EE+10         1.1         14206.0           7393. c9h19ojC=ch5+c6h13hco         1.64E+13         0.9         10094.0           7394. c9h19ojD=nc3h7hco+Ac5h11hco         1.51E+14         -0.1         11001.0           7395. c9h19ojD=nc3h7hco+Ac5h11         3.96E+14         -0.1         11590.0           7395. c9h19qA=oh+c9h19ojA         1.50E+16         0.0         42500.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qE=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401. c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7402. c9h19qiA=c9h18rbqA         5.70E+08         1.0         22000.0           7403. c9h19qiA=c9h18rbqA         5.70E+08         1.0         22000.0           7404. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0           7405. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0           7404. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0	7388.	Dc9h19+c9h19qjE=c9h19ojD+c9h19ojE	7.00E+12	0.0	-1000.0
7391. c9h19ojB=ch3hco+Ac7h15         6.40E+10         0.9         10202.0           7391. c9h19ojB=ch3hco+Ac7h15         6.40E+10         0.9         10202.0           7392. c9h19ojB=ch3hco+Ac7h15hco         2.0EE+10         1.1         14206.0           7393. c9h19ojC=ch5+c6h13hco         1.64E+13         0.9         10094.0           7394. c9h19ojD=nc3h7hco+Ac5h11hco         1.51E+14         -0.1         11001.0           7395. c9h19ojD=nc3h7hco+Ac5h11         3.96E+14         -0.1         11590.0           7395. c9h19qA=oh+c9h19ojA         1.50E+16         0.0         42500.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qE=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401. c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7402. c9h19qiA=c9h18rbqA         5.70E+08         1.0         22000.0           7403. c9h19qiA=c9h18rbqA         5.70E+08         1.0         22000.0           7404. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0           7405. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0           7404. c9h19qiA=c9h18rbqA         1.70E+07         1.0         22000.0	7389	Ec9h19+c9h19giE=2c9h19giE	7 NOE+12	0 0	-1000 0
7391. c9h19ojB=ch3hco+Ac7h15hco         2.08E+10         1.1         14206.0           7392. c9h19ojB=ch3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9h19ojC=ch2h5+c6h13hco         1.64E+13         0.3         9297.0           7395. c9h19ojD=nc3h7hco+Ac5h11         3.96E+14         -0.1         11509.0           7396. c9h19ojD=nc3h7hco+Ac5h11         3.96E+14         -0.1         11590.0           7397. c9h19ojB=pc4h9+hcd49hco         4.97E+14         -0.1         11590.0           7398. c9h19qB=oh+c9h19ojB         1.50E+16         0.0         42500.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qC=oh+c9h19ojD         1.25E+16         0.0         41600.0           7401. c9h19qC=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402. c9h19qE=oh+c9h19cjB         1.25E+16         0.0         41600.0           7403. c9h19qiB=c9h18rEqA         5.70E+08         1.0         32500.0           7404. c9h19qiB=c9h18rEqA         5.70E+08         1.0         32500.0           7405. c9h19qiB=c9h18rEqA         2.90E+06         1.0         21000.0           7406. c9h19qjB=c9h18rEqA         3.70E+08         1.0         32500.0		<del></del>			
7392. c9hl9ojB=ch3+c7h15hco         2.08E+10         1.1         14206.0           7393. c9hl9ojC=chchc+Ac6hl3         1.08E+11         0.9         10994.0           7394. c9hl9ojD=c3h7+c5h16hlo         1.64E+13         0.3         9297.0           7395. c9hl9ojD=nc3h7+c5h2hlhco         1.51E+14         -0.1         11501.0           7397. c9hl9ojE=pc4h9+nc4h9hco         4.97E+14         -0.1         11232.0           7398. c9hl9qA=ch+c9hl9ojA         1.50E+16         0.0         42500.0           7400. c9hl9qC=ch+c9hl9ojB         1.25E+16         0.0         41600.0           7401. c9hl9qB=ch+c9hl9ojC         1.25E+16         0.0         41600.0           7401. c9hl9qE=ch+c9hl9ojD         1.25E+16         0.0         41600.0           7401. c9hl9qE=ch+c9hl9ojD         1.25E+16         0.0         41600.0           7402. c9hl9qE=ch+c9hl9ojE         1.25E+16         0.0         41600.0           7403. c9hl9qiA=c9hl8rEqA         5.70E+08         1.0         32500.0           7404. c9hl9qjA=c9hl8rEqA         5.70E+08         1.0         22000.0           7405. c9hl9qjA=c9hl8rEqA         2.90E+06         1.0         21000.0           7407. c9hl9qjB=c9hl8rEqA         2.90E+06         1.0         22000.0		<del>-</del>			
7393. c9hl9ojC=chtco+Ac6hl3         1.08E+11         0.9         10094.0           7394. c9hl9ojC=c2h5+c6hl3hco         1.64E+13         0.3         9297.0           7395. c9hl9ojD=nc3h7hco+Ac5hl1         3.96E+14         -0.1         11590.0           7397. c9hl9ojE=pc4b9+nc4b9hco         4.97E+14         -0.1         11232.0           7398. c9hl9qA=oh+c9hl9ojA         1.50E+16         0.0         42500.0           7399. c9hl9qB=oh+c9hl9ojB         1.25E+16         0.0         41600.0           7400. c9hl9qC=oh+c9hl9ojD         1.25E+16         0.0         41600.0           7401. c9hl9qC=oh+c9hl9ojD         1.25E+16         0.0         41600.0           7402. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7403. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7404. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7403. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7404. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7405. c9hl9qE=ohl8rEqA         9.90E+07         1.0         22000.0           7405. c9hl9qjA=c9hl8rEqA         1.0         2.90E+06         1.0         21000.0	7391.	c9h19ojB=ch3hco+Ac7h15	6.40E+10	0.9	10202.0
7393. c9hl9ojC=chtco+Ac6hl3         1.08E+11         0.9         10094.0           7394. c9hl9ojC=c2h5+c6hl3hco         1.64E+13         0.3         9297.0           7395. c9hl9ojD=nc3h7hco+Ac5hl1         3.96E+14         -0.1         11590.0           7397. c9hl9ojE=pc4b9+nc4b9hco         4.97E+14         -0.1         11232.0           7398. c9hl9qA=oh+c9hl9ojA         1.50E+16         0.0         42500.0           7399. c9hl9qB=oh+c9hl9ojB         1.25E+16         0.0         41600.0           7400. c9hl9qC=oh+c9hl9ojD         1.25E+16         0.0         41600.0           7401. c9hl9qC=oh+c9hl9ojD         1.25E+16         0.0         41600.0           7402. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7403. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7404. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7403. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7404. c9hl9qE=oh+c9hl9ojE         1.25E+16         0.0         41600.0           7405. c9hl9qE=ohl8rEqA         9.90E+07         1.0         22000.0           7405. c9hl9qjA=c9hl8rEqA         1.0         2.90E+06         1.0         21000.0	7392	c9h19oiB=ch3+c7h15hco	2 08E+10	1 1	14206 0
7394. c9h19ojc=c2h5+c6h13hco         1.64E+13         0.3         9297.0           7395. c9h19ojc=nc3h7+c5h1lhco         1.51E+14         -0.1         11001.0           7396. c9h19ojc=pc4h9+nc4h9hco         4.97E+14         -0.1         11590.0           7397. c9h19q3e=oh+c9h19ojA         1.50E+16         0.0         42500.0           7398. c9h19qa=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qc=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401. c9h19qb=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402. c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7403. c9h19qjhace9h18rbqA         5.70E+08         1.0         32500.0           7404. c9h19qjhace9h18rbqA         5.70E+08         1.0         22000.0           7405. c9h19qjhac9h18rbqA         1.70E+07         1.0         22000.0           7406. c9h19qjhac9h18rbqA         2.90E+06         1.0         21000.0           7407. c9h19qjhac9h18rbqB         8.65E+08         1.0         32500.0           7408. c9h19qjhac9h18rbqB         8.65E+08         1.0         32500.0           7409. c9h19qjhac9h18rbqB         9.90E+07         1.0         22000.0           7410.					
7395. c9h19ojp=nc3h7+c5h1lhco         1.51E+14         -0.1         11001.0           7396. c9h19ojp=nc3h7hco+ac5h11         3.96E+14         -0.1         11590.0           7397. c9h19ojE=pc4h9+nc4h9hco         4.97E+14         -0.1         11522.0           7398. c9h19qB=oh+c9h19ojB         1.50E+16         0.0         42500.0           7400. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7401. c9h19qD=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402. c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7403. c9h19qja=c9h18rBqA         5.70E+08         1.0         32500.0           7404. c9h19qja=c9h18rBqA         5.70E+08         1.0         32500.0           7405. c9h19qja=c9h18rAqA         1.70E+07         1.0         22000.0           7406. c9h19qja=c9h18rAqB         8.65E+08         1.0         32500.0           7407. c9h19qja=c9h18rAqB         8.65E+08         1.0         32500.0           7408. c9h19qja=c9h18rAqB         8.65E+08         1.0         32500.0           7409. c9h19qja=c9h18rAqB         9.90E+07         1.0         22000.0           7410. c9h19qja=c9h18rAqB         9.90E+07         1.0         25000.0           7411.					
7396.         c9h19ojp=pc4h9+nc4h9hco         4.97E+14         -0.1         11590.0           7397.         c9h19q5=pc4h9+nc4h9hco         4.97E+14         -0.1         11232.0           7398.         c9h19q5=pc4h9+nc4h19ojA         1.50E+16         0.0         42500.0           7399.         c9h19qCe-oh+c9h19ojB         1.25E+16         0.0         41600.0           7400.         c9h19qCe-oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qEe-oh+c9h19ojE         1.25E+16         0.0         41600.0           7403.         c9h19qja=c9h18rBqA         5.70E+08         1.0         25000.0           7404.         c9h19qja=c9h18rCqA         9.90E+07         1.0         25000.0           7404.         c9h19qja=c9h18rCqA         9.90E+07         1.0         25000.0           7405.         c9h19qja=c9h18rAqB         1.70E+07         1.0         22000.0           7406.         c9h19qja=c9h18rAqB         8.65E+08         1.0         35500.0           7408.         c9h19qja=c9h18rAqB         8.65E+08         1.0         35500.0           7409.         c9h19qja=c9h18rAqB         9.90E+07         1.0         25000.0           7410.         c9h19qja=c9h18rAqB	7394.	c9h19ojC=c2h5+c6h13hco	1.64E+13	0.3	9297.0
7396.         c9h19ojp=pc4h9+nc4h9hco         4.97E+14         -0.1         11590.0           7397.         c9h19q5=pc4h9+nc4h9hco         4.97E+14         -0.1         11232.0           7398.         c9h19q5=pc4h9+nc4h19ojA         1.50E+16         0.0         42500.0           7399.         c9h19qCe-oh+c9h19ojB         1.25E+16         0.0         41600.0           7400.         c9h19qCe-oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qEe-oh+c9h19ojE         1.25E+16         0.0         41600.0           7403.         c9h19qja=c9h18rBqA         5.70E+08         1.0         25000.0           7404.         c9h19qja=c9h18rCqA         9.90E+07         1.0         25000.0           7404.         c9h19qja=c9h18rCqA         9.90E+07         1.0         25000.0           7405.         c9h19qja=c9h18rAqB         1.70E+07         1.0         22000.0           7406.         c9h19qja=c9h18rAqB         8.65E+08         1.0         35500.0           7408.         c9h19qja=c9h18rAqB         8.65E+08         1.0         35500.0           7409.         c9h19qja=c9h18rAqB         9.90E+07         1.0         25000.0           7410.         c9h19qja=c9h18rAqB	7395	c9h19oiD=nc3h7+c5h11hco	1 51E+14	-0 1	11001 0
7397.         c9h190jE=pc4h9+nc4h9hco         4,97E+14         -0.1         11232.0           7398.         c9h19qB=oh+c9h19ojB         1.50E+16         0.0         42500.0           7399.         c9h19qB=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401.         c9h19qD=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7403.         c9h19qja=c9h18rBqA         5.70E+08         1.0         32500.0           7404.         c9h19qja=c9h18rCqA         9.90E+07         1.0         22000.0           7405.         c9h19qja=c9h18rCqA         9.90E+07         1.0         22000.0           7405.         c9h19qja=c9h18rAqA         1.70E+07         1.0         22000.0           7405.         c9h19qja=c9h18rAqB         8.65E+08         1.0         35500.0           7407.         c9h19qjB=c9h18rAqB         8.65E+08         1.0         32500.0           7408.         c9h19qjB=c9h18rEqB         9.90E+07         1.0         22000.0           7418.         c9h19qjb=c9h18rEqB         9.90E+07         1.0         22000.0           7410.         c9h19qjb=c9h18rEqB         1.70		<u> </u>			
7398. c9h19qB=oh+c9h19ojA         1.50E+16         0.0         42500.0           7399. c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400. c9h19qC=oh+c9h19ojD         1.25E+16         0.0         41600.0           7401. c9h19qD=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402. c9h19qB=oh+c9h19ojD         1.25E+16         0.0         41600.0           7403. c9h19qjA=c9h18rBqA         5.70E+08         1.0         32500.0           7404. c9h19qjA=c9h18rCqA         9.90E+07         1.0         25000.0           7405. c9h19qjA=c9h18rDqA         1.70E+07         1.0         22000.0           7406. c9h19qjB=c9h18rDqA         1.70E+07         1.0         22000.0           7407. c9h19qjB=c9h18rAqB         8.65E+08         1.0         35500.0           7408. c9h19qjB=c9h18rAqB         9.90E+06         1.0         21000.0           7409. c9h19qjB=c9h18rAqB         9.90E+07         1.0         22000.0           7410. c9h19qjB=c9h18rAqB         9.90E+07         1.0         22000.0           7411. c9h19qjB=c9h18rAqC         1.70E+07         1.0         22000.0           7412. c9h19qjC=c9h18rAqC         1.48E+08         1.0         32500.0           7413. c9h19qjC=c9h18rAq					
7399.         c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400.         c9h19qC=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401.         c9h19qD=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qJa=c9h18rBqA         5.70E+08         1.0         32500.0           7403.         c9h19qja=c9h18rDqA         9.0E+07         1.0         22000.0           7404.         c9h19qja=c9h18rDqA         1.70E+07         1.0         22000.0           7405.         c9h19qja=c9h18rDqA         1.70E+07         1.0         22000.0           7407.         c9h19qjb=c9h18rDqB         2.90E+06         1.0         21000.0           7407.         c9h19qjb=c9h18rDqB         5.70E+08         1.0         32500.0           7408.         c9h19qjb=c9h18rDqB         9.90E+07         1.0         22000.0           7407.         c9h19qjb=c9h18rDqB         9.90E+07         1.0         25000.0           7408.         c9h19qjB=c9h18rDqB         9.90E+07         1.0         25000.0           7410.         c9h19qjB=c9h18rAqB         9.90E+07         1.0         25000.0           7411.         c9h19qjB=c9h18rAqC         1.48E+08 <td>7397.</td> <td>c9h19ojE=pc4h9+nc4h9hco</td> <td>4.97E+14</td> <td>-0.1</td> <td>11232.0</td>	7397.	c9h19ojE=pc4h9+nc4h9hco	4.97E+14	-0.1	11232.0
7399.         c9h19qB=oh+c9h19ojB         1.25E+16         0.0         41600.0           7400.         c9h19qC=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401.         c9h19qD=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qJa=c9h18rBqA         5.70E+08         1.0         32500.0           7403.         c9h19qja=c9h18rDqA         9.0E+07         1.0         22000.0           7404.         c9h19qja=c9h18rDqA         1.70E+07         1.0         22000.0           7405.         c9h19qja=c9h18rDqA         1.70E+07         1.0         22000.0           7407.         c9h19qjb=c9h18rDqB         2.90E+06         1.0         21000.0           7407.         c9h19qjb=c9h18rDqB         5.70E+08         1.0         32500.0           7408.         c9h19qjb=c9h18rDqB         9.90E+07         1.0         22000.0           7407.         c9h19qjb=c9h18rDqB         9.90E+07         1.0         25000.0           7408.         c9h19qjB=c9h18rDqB         9.90E+07         1.0         25000.0           7410.         c9h19qjB=c9h18rAqB         9.90E+07         1.0         25000.0           7411.         c9h19qjB=c9h18rAqC         1.48E+08 <td>7398</td> <td>c9h19aA = oh + c9h19oiA</td> <td>1 50E+16</td> <td>0 0</td> <td>42500 0</td>	7398	c9h19aA = oh + c9h19oiA	1 50E+16	0 0	42500 0
7400.         c9h19qC=oh+c9h19ojC         1.25E+16         0.0         41600.0           7401.         c9h19qE=oh+c9h19ojD         1.25E+16         0.0         41600.0           7402.         c9h19qE=oh+c9h19ojE         1.25E+16         0.0         41600.0           7403.         c9h19qjA=c9h18rBqA         5.70E+08         1.0         32500.0           7404.         c9h19qjA=c9h18rCqA         9.90E+07         1.0         22000.0           7405.         c9h19qjA=c9h18rCqA         1.70E+07         1.0         22000.0           7406.         c9h19qjA=c9h18rCqB         2.90E+06         1.0         21000.0           7407.         c9h19qjB=c9h18rCqB         5.70E+08         1.0         32500.0           7408.         c9h19qjB=c9h18rCqB         5.70E+08         1.0         32500.0           7409.         c9h19qjB=c9h18rEqB         9.90E+07         1.0         22000.0           7410.         c9h19qjB=c9h18rEqB         1.70E+07         1.0         22000.0           7411.         c9h19qjC=c9h18rEqB         2.90E+06         1.0         21000.0           7412.         c9h19qjC=c9h18rEqB         5.70E+08         1.0         32500.0           7414.         c9h19qjC=c9h18rEqC         5.70E+08 <td></td> <td></td> <td></td> <td></td> <td></td>					
7401.       c9h19qD=oh+c9h19ojD       1.25E+16       0.0       41600.0         7402.       c9h19qE=oh+c9h19ojE       1.25E+16       0.0       41600.0         7403.       c9h19qjA=c9h18rQA       5.70E+08       1.0       32500.0         7404.       c9h19qjA=c9h18rQA       9.90E+07       1.0       25000.0         7405.       c9h19qjA=c9h18rQA       1.70E+07       1.0       22000.0         7407.       c9h19qjB=c9h18rQA       2.90E+06       1.0       21000.0         7407.       c9h19qjB=c9h18rQB       8.55E+08       1.0       35500.0         7408.       c9h19qjB=c9h18rQB       5.70E+08       1.0       32500.0         7409.       c9h19qjB=c9h18rQB       9.90E+07       1.0       22000.0         7409.       c9h19qjB=c9h18rQB       9.90E+07       1.0       25000.0         7410.       c9h19qjB=c9h18rQB       9.90E+07       1.0       22000.0         7411.       c9h19qjC=c9h18rQB       2.90E+06       1.0       21000.0         7412.       c9h19qjC=c9h18rQB       2.90E+06       1.0       22000.0         7413.       c9h19qjC=c9h18rQC       5.70E+08       1.0       32500.0         7414.       c9h19qjC=c9h18rQC       5.70E+08 <td></td> <td>2</td> <td></td> <td></td> <td></td>		2			
7402. c9h19qE=oh+c9h19ojE       1.25E+16       0.0       41600.0         7403. c9h19qjA=c9h18rBqA       5.70E+08       1.0       25000.0         7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7406. c9h19qjB=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rAqB       9.90E+07       1.0       25000.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       9.90E+07       1.0       25000.0         7411. c9h19qjB=c9h18rEqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rAqC       5.70E+08       1.0       28000.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7418. c9h19qjC	7400.	c9h19qC=oh+c9h19ojC	1.25E+16	0.0	41600.0
7402. c9h19qE=oh+c9h19ojE       1.25E+16       0.0       41600.0         7403. c9h19qjA=c9h18rBqA       5.70E+08       1.0       25000.0         7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7406. c9h19qjB=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rAqB       9.90E+07       1.0       25000.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       9.90E+07       1.0       25000.0         7411. c9h19qjB=c9h18rEqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rAqC       5.70E+08       1.0       28000.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7418. c9h19qjC	7401	c9h19aD=oh+c9h19oiD	1 25E+16	0 0	41600 0
7403. c9h19qjA=c9h18rBqA       5.70E+08       1.0       32500.0         7404. c9h19qjA=c9h18rCqA       9.90E+07       1.0       25000.0         7406. c9h19qjA=c9h18rEqA       1.70E+07       1.0       22000.0         7406. c9h19qjA=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65B+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rCqB       9.90E+07       1.0       22000.0         7410. c9h19qjB=c9h18rEqB       9.90E+07       1.0       22000.0         7411. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rEqB       2.90E+06       1.0       21000.0         7412. c9h19qjB=c9h18rEqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7417. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7418. c9h19qjD=c9h18rEqC       1.70E+07       1.0       25000.0         7419. c9h19qjD=					
7404. c9h19qjA=c9h18rCqA       9.90E+07       1.0       25000.0         7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7406. c9h19qjA=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rEqB       9.90E+07       1.0       22000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7412. c9h19qjC=c9h18rEqB       2.90E+06       1.0       21000.0         7413. c9h19qjC=c9h18rAqC       1.48E+08       1.0       32500.0         7414. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       22000.0         7417. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=					
7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7406. c9h19qjA=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rAqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7416. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rAqD       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=	7403.	c9h19qjA=c9h18rBqA	5.70E+08	1.0	32500.0
7405. c9h19qjA=c9h18rDqA       1.70E+07       1.0       22000.0         7406. c9h19qjA=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rAqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7416. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rAqD       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=	7404	c9h19aiA=c9h18rCaA	9 90E+07	1 0	25000 0
7406. c9h19qja=c9h18rEqA       2.90E+06       1.0       21000.0         7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       1.70E+07       1.0       25000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=					
7407. c9h19qjB=c9h18rAqB       8.65E+08       1.0       35500.0         7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       25000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rEqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       5.70E+08       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       1.70E+07       1.0       25000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       5.70E+08       1.0       25000.0         7423. c9h19qjD=					
7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       25000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       1.70E+07       1.0       25000.0         7423. c9h19qjD=	7406.	c9h19qjA=c9h18rEqA	2.90E+06	1.0	21000.0
7408. c9h19qjB=c9h18rCqB       5.70E+08       1.0       32500.0         7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       25000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7417. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       1.70E+07       1.0       25000.0         7423. c9h19qjD=	7407.	c9h19aiB=c9h18rAaB	8.65E+08	1.0	35500.0
7409. c9h19qjB=c9h18rDqB       9.90E+07       1.0       25000.0         7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       22000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       1.70E+07       1.0       25000.0         7417. c9h19qjC=c9h18rAqD       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       9.90E+07       1.0       25000.0         7419. c9h19qjD=c9h18rAqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7423. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7424. c9h19qjD=c9h18rEqD       1.70E+07       1.0       22000.0         7425. c9h19qjE-		<del></del>			
7410. c9h19qjB=c9h18rEqB       1.70E+07       1.0       22000.0         7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rBqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rEqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7424. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7425. c9h19qjD=c9h18rEqE       8.70E+08       1.0       21000.0         7426. c9h19qjE=					
7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       25000.0         7424. c9h19qjD=c9h18rAqE       8.70E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rAqE       1.98E+08       1.0       25000.0         7427. c9h19qjE=	7409.	c9h19qjB=c9h18rDqB	9.90E+07	1.0	25000.0
7411. c9h19qjB=c9h18rFqB       2.90E+06       1.0       21000.0         7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       25000.0         7424. c9h19qjD=c9h18rAqE       8.70E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rAqE       1.98E+08       1.0       25000.0         7427. c9h19qjE=	7410.	c9h19aiB=c9h18rEaB	1.70E+07	1.0	22000.0
7412. c9h19qjC=c9h18rAqC       1.48E+08       1.0       28000.0         7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rAqD       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rEqD       1.70E+08       1.0       32500.0         7424. c9h19qjD=c9h18rHqD       1.70E+07       1.0       22000.0         7425. c9h19qjD=c9h18rHqD       1.70E+07       1.0       22000.0         7426. c9h19qjE=c9h18rAqE       8.70E+06       1.0       21000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=					
7413. c9h19qjC=c9h18rBqC       5.70E+08       1.0       32500.0         7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rEqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       22000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7424. c9h19qjD=c9h18rEqD       1.70E+07       1.0       22000.0         7424. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rAqE       1.98E+08       1.0       25000.0         7427. c9h19qjE=c9h18rAqE       1.98E+08       1.0       25000.0         7428. c9h19qjE+		<del></del>			
7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rFqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       22000.0         7426. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjD+h02=c9h19qB+02       2.90E+11       0.0       1550.0         7431. c9h19	7412.	c9h19qjC=c9h18rAqC	1.48E+08	1.0	28000.0
7414. c9h19qjC=c9h18rDqC       5.70E+08       1.0       32500.0         7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rFqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       22000.0         7426. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjD+h02=c9h19qB+02       2.90E+11       0.0       1550.0         7431. c9h19	7413.	c9h19aiC=c9h18rBaC	5.70E+08	1.0	32500.0
7415. c9h19qjC=c9h18rEqC       9.90E+07       1.0       25000.0         7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       25000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rAqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjD+h02=c9h19qB+02       2.90E+11       0.0       1550.0         7431. c9h19qjE+h02=c9h19qD+02       2.90E+11       0.0       1550.0         7433. c					
7416. c9h19qjC=c9h18rFqC       1.70E+07       1.0       22000.0         7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       25000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+b02=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjE+b02=c9h19qC+02       2.90E+11       0.0       1550.0         7432. c9h19qjC+h02=c9h19qC+02       2.90E+11       0.0       1550.0         743					
7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rEqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7430. c9h19qjA+h02=c9h19qA+02       2.90E+11       0.0       1550.0         7431. c9h19qjE+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7432. c9h19qjC+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7433. c9h19qjB+h02=c9h19qE+02       2.90E+11       0.0       1550.0 <td< td=""><td>7415.</td><td>c9h19qjC=c9h18rEqC</td><td>9.90E+07</td><td>1.0</td><td>25000.0</td></td<>	7415.	c9h19qjC=c9h18rEqC	9.90E+07	1.0	25000.0
7417. c9h19qjC=c9h18rGqC       2.90E+06       1.0       21000.0         7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rEqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rEqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7430. c9h19qjA+h02=c9h19qA+02       2.90E+11       0.0       1550.0         7431. c9h19qjE+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7432. c9h19qjC+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7433. c9h19qjB+h02=c9h19qE+02       2.90E+11       0.0       1550.0 <td< td=""><td>7416.</td><td>c9h19giC=c9h18rFgC</td><td>1.70E+07</td><td>1.0</td><td>22000.0</td></td<>	7416.	c9h19giC=c9h18rFgC	1.70E+07	1.0	22000.0
7418. c9h19qjD=c9h18rAqD       2.53E+07       1.0       25000.0         7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjD+h02=c9h19qB+02       2.90E+11       0.0       1550.0         7431. c9h19qjE+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7432. c9h19qjB+h02=c9h19qE+02       2.90E+11       0.0       1550.0         7433. c9h19qjB+h02=c9h19qA+h02       2.90E+11       0.0       1550.0         7434. c9h19qjB+h02=c9h19qA+h02       2.90E+11       0.0       1550.0   <		10 1			
7419. c9h19qjD=c9h18rBqD       9.90E+07       1.0       25000.0         7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7430. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.90E+11       0.0       1550.0					
7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rDqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+ho2=c9h19qA+ho2       2.90E+11       0.0       1550.0			2.53E+07		25000.0
7420. c9h19qjD=c9h18rCqD       5.70E+08       1.0       32500.0         7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rDqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rDqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+ho2=c9h19qA+ho2       2.90E+11       0.0       1550.0	7419.	c9h19qjD=c9h18rBqD	9.90E+07	1.0	25000.0
7421. c9h19qjD=c9h18rEqD       5.70E+08       1.0       32500.0         7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+h02=c9h19qA+02       2.90E+11       0.0       1550.0         7430. c9h19qjD+h02=c9h19qB+02       2.90E+11       0.0       1550.0         7431. c9h19qjE+h02=c9h19qC+02       2.90E+11       0.0       1550.0         7433. c9h19qjB+h02=c9h19qE+02       2.90E+11       0.0       1550.0         7434. c9h19qjA+h202=c9h19qA+ho2       2.90E+11       0.0       1550.0		<del></del>			
7422. c9h19qjD=c9h18rFqD       9.90E+07       1.0       25000.0         7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7431. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.90E+11       0.0       1550.0					
7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0	7421.	c9h19qjD=c9h18rEqD	5.70E+08	1.0	32500.0
7423. c9h19qjD=c9h18rGqD       1.70E+07       1.0       22000.0         7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0	7422.	c9h19qjD=c9h18rFqD	9.90E+07	1.0	25000.0
7424. c9h19qjD=c9h18rHqD       2.90E+06       1.0       21000.0         7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0					
7425. c9h19qjE=c9h18rAqE       8.70E+06       1.0       24000.0         7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0		<del></del>			
7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0			2.90E+06	1.0	21000.0
7426. c9h19qjE=c9h18rBqE       3.40E+07       1.0       22000.0         7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0	7425.	c9h19aiE=c9h18rAaE	8.70E+06	1.0	24000.0
7427. c9h19qjE=c9h18rCqE       1.98E+08       1.0       25000.0         7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0					
7428. c9h19qjE=c9h18rDqE       1.14E+09       1.0       32500.0         7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0		<del></del>			
7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0		<del></del>			
7429. c9h19qjA+ho2=c9h19qA+o2       2.90E+11       0.0       1550.0         7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0	7428.	c9h19qjE=c9h18rDqE	1.14E+09	1.0	32500.0
7430. c9h19qjD+ho2=c9h19qB+o2       2.90E+11       0.0       1550.0         7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0					
7431. c9h19qjE+ho2=c9h19qC+o2       2.90E+11       0.0       1550.0         7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0					
7432. c9h19qjC+ho2=c9h19qD+o2       2.90E+11       0.0       1550.0         7433. c9h19qjB+ho2=c9h19qE+o2       2.90E+11       0.0       1550.0         7434. c9h19qjA+h2o2=c9h19qA+ho2       2.40E+12       0.0       10000.0		== = = = = = = = = = = = = = = = = = =			
7433. c9h19qjB+ho2=c9h19qE+o2 2.90E+11 0.0 1550.0 7434. c9h19qjA+h2o2=c9h19qA+ho2 2.40E+12 0.0 10000.0	7431.	c9h19qjE+ho2=c9h19qC+o2	2.90E+11	0.0	1550.0
7433. c9h19qjB+ho2=c9h19qE+o2 2.90E+11 0.0 1550.0 7434. c9h19qjA+h2o2=c9h19qA+ho2 2.40E+12 0.0 10000.0	7432	c9h19qiC+ho2=c9h19qD+o2	2.90E+11	0.0	1550.0
7434. c9h19qjA+h2o2=c9h19qA+ho2 2.40E+12 0.0 10000.0					
7435. c9h19qjB+h2o2=c9h19qB+ho2 2.40E+12 0.0 10000.0	7434.	c9h19qjA+h2o2=c9h19qA+ho2	2.40E+12	0.0	10000.0
	7435.	c9h19qjB+h2o2=c9h19qB+ho2	2.40E+12	0.0	10000.0

7436.	c9h19qjC+h2o2=c9h19qC+ho2	2.40E+12	0.0	10000.0
7437.	c9h19qjD+h2o2=c9h19qD+ho2	2.40E+12	0.0	10000.0
	c9h19qjE+h2o2=c9h19qE+ho2	2.40E+12	0.0	10000.0
	c9h19qjA+ho2=c9h19ojA+oh+o2	1.00E+11	0.0	0.0
	c9h19qjB+ho2=c9h19ojB+oh+o2	1.00E+11	0.0	0.0
	c9h19qjC+ho2=c9h19ojC+oh+o2	1.00E+11	0.0	0.0
7442.	c9h19qjD+ho2=c9h19ojD+oh+o2	1.00E+11	0.0	0.0
7443.	c9h19qjE+ho2=c9h19ojE+oh+o2	1.00E+11	0.0	0.0
	c9h19qjA+ch3o2=c9h19ojA+ch3o+o2	1.40E+16	-1.6	1860.0
	c9h19qjB+ch3o2=c9h19ojB+ch3o+o2	1.40E+16	-1.6	1860.0
	c9h19qjC+ch3o2=c9h19ojC+ch3o+o2	1.40E+16	-1.6	1860.0
	c9h19qjD+ch3o2=c9h19ojD+ch3o+o2	1.40E+16	-1.6	1860.0
7448.	c9h19qjE+ch3o2=c9h19ojE+ch3o+o2	1.40E+16	-1.6	1860.0
7449.	c9h19qjA+c9h19qjA=c9h19ojA+c9h19ojA+o2	1.40E+16	-1.6	1860.0
7450.	c9h19qjA+c9h19qjB=c9h19ojA+c9h19ojB+o2	1.40E+16	-1.6	1860.0
	c9h19qjA+c9h19qjC=c9h19ojA+c9h19ojC+o2	1.40E+16	-1.6	1860.0
	c9h19qjA+c9h19qjD=c9h19ojA+c9h19ojD+o2	1.40E+16	-1.6	1860.0
	c9h19qjA+c9h19qjE=c9h19ojA+c9h19ojE+o2	1.40E+16	-1.6	1860.0
	c9h19qjB+c9h19qjB=c9h19ojB+c9h19ojB+o2	1.40E+16	-1.6	1860.0
7455.	c9h19qjB+c9h19qjC=c9h19ojC+c9h19ojB+o2	1.40E+16	-1.6	1860.0
7456.	c9h19qjB+c9h19qjD=c9h19ojD+c9h19ojB+o2	1.40E+16	-1.6	1860.0
	c9h19qjB+c9h19qjE=c9h19ojE+c9h19ojB+o2	1.40E+16	-1.6	1860.0
	c9h19qjC+c9h19qjC=c9h19ojC+c9h19ojC+o2	1.40E+16	-1.6	1860.0
	c9h19qjC+c9h19qjD=c9h19ojC+c9h19ojD+o2	1.40E+16	-1.6	1860.0
	c9h19qjC+c9h19qjE=c9h19ojC+c9h19ojE+o2	1.40E+16	-1.6	1860.0
	c9h19qjD+c9h19qjD=c9h19ojD+c9h19ojD+o2	1.40E+16	-1.6	1860.0
7462.	c9h19qjD+c9h19qjE=c9h19ojD+c9h19ojE+o2	1.40E+16	-1.6	1860.0
7463.	c9h19qjE+c9h19qjE=c9h19ojE+c9h19ojE+o2	1.40E+16	-1.6	1860.0
7464.	c9h18rBqA+o2=c9h18qjBqA	1.70E+19	-2.5	0.0
	c9h18rCqA+o2=c9h18qjCqA	1.80E+19	-2.5	0.0
	c9h18rDqA+o2=c9h18qjDqA	1.80E+19	-2.5	0.0
	c9h18rEqA+o2=c9h18qjEqA	1.80E+19	-2.5	0.0
	c9h18rAqB+o2=c9h18qjAqB	9.00E+18	-2.5	0.0
	c9h18rCqB+o2=c9h18qjCqB	1.80E+19	-2.5	0.0
7470.	c9h18rDqB+o2=c9h18qjDqB	1.80E+19	-2.5	0.0
7471.	c9h18rEqB+o2=c9h18qjEqB	1.80E+19	-2.5	0.0
	c9h18rFqB+o2=c9h18qjFqB	1.80E+19	-2.5	0.0
	c9h18rAqC+o2=c9h18qjAqC	9.00E+18	-2.5	0.0
		1.70E+19	-2.5	0.0
	c9h18rBqC+o2=c9h18qjBqC			
	c9h18rDqC+o2=c9h18qjDqC	1.80E+19	-2.5	0.0
	c9h18rEqC+o2=c9h18qjEqC	1.80E+19	-2.5	0.0
7477.	c9h18rFqC+o2=c9h18qjFqC	1.80E+19	-2.5	0.0
7478.	c9h18rGqC+o2=c9h18qjGqC	1.80E+19	-2.5	0.0
7479.	c9h18rAqD+o2=c9h18qjAqD	9.00E+18	-2.5	0.0
	c9h18rBqD+o2=c9h18qjBqD	1.70E+19	-2.5	0.0
	c9h18rCqD+o2=c9h18qjCqD	1.80E+19	-2.5	0.0
	<del>-</del> -			
	c9h18rEqD+o2=c9h18qjEqD	1.80E+19	-2.5	0.0
	c9h18rFqD+o2=c9h18qjFqD	1.80E+19	-2.5	0.0
7484.	c9h18rGqD+o2=c9h18qjGqD	1.80E+19	-2.5	0.0
7485.	c9h18rHqD+o2=c9h18qjHqD	1.70E+19	-2.5	0.0
7486.	c9h18rAqE+o2=c9h18qjAqE	9.00E+18	-2.5	0.0
	c9h18rBqE+o2=c9h18qjBqE	1.70E+19	-2.5	0.0
	c9h18rCqE+o2=c9h18qjCqE	1.80E+19	-2.5	0.0
	c9h18rDqE+o2=c9h18qjDqE	1.80E+19	-2.5	0.0
	c9h18rCqA=oh+ch2o+c8h16-1	1.68E+15	-0.2	29180.0
	c9h18rDqB=oh+ch3hco+c7h14-1	3.09E+17	-0.9	29019.0
	c9h18rAqC=oh+c2h4+c6h13hco	4.01E+15	-0.4	28648.0
7493.	c9h18rEqC=oh+ethco+c6h12-1	1.09E+17	-0.8	28379.0
	c9h18rBqD=oh+c3h6+c5h11hco	5.96E+14	-0.1	27833.0
	c9h18rFqD=oh+c5h10+nc3h7hco	3.11E+16	-0.6	28187.0
	c9h18rCqE=oh+c4h8+nc4h9hco	7.25E+15	-0.4	27996.0
1 400.	CALLOT CAR - OILL CALLO LITCALIALICO	/.ZJE+IJ	0.4	∠1,7,90.0

7497.	c9h18rBqA=oh+c9h18o-AB	1.38E+12	0.0	15900.0
7498.	c9h18rCqA=oh+c9h18o-AC	2.04E+11	0.0	19500.0
	c9h18rDqA=oh+c9h18o-AD	3.63E+10	0.0	13000.0
	c9h18rEqA=oh+c9h18o-AE	1.70E+08	0.0	1950.0
	c9h18rAqB=oh+c9h18o-AB	1.38E+12	0.0	15900.0
	_			
	c9h18rCqB=oh+c9h18o-BC	1.38E+12	0.0	15900.0
	c9h18rDqB=oh+c9h18o-BD	2.04E+11	0.0	19500.0
7504.	c9h18rEqB=oh+c9h18o-BE	3.63E+10	0.0	13000.0
7505.	c9h18rFqB=oh+c9h18o-BF	1.70E+08	0.0	1950.0
7506.	c9h18rAqC=oh+c9h18o-AC	2.04E+11	0.0	19500.0
	c9h18rBqC=oh+c9h18o-BC	1.38E+12	0.0	15900.0
	c9h18rDqC=oh+c9h18o-CD	1.38E+12	0.0	15900.0
	c9h18rEqC=oh+c9h18o-CE	2.04E+11	0.0	19500.0
	c9h18rFqC=oh+c9h18o-CF	3.63E+10	0.0	13000.0
7511.	c9h18rGqC=oh+c9h18o-CG	1.70E+08	0.0	1950.0
7512.	c9h18rAqD=oh+c9h18o-AD	3.60E+09	0.0	7000.0
7513.	c9h18rBqD=oh+c9h18o-BD	2.04E+11	0.0	19500.0
	c9h18rCqD=oh+c9h18o-CD	1.38E+12	0.0	15900.0
	c9h18rEqD=oh+c9h18o-DE	1.38E+12	0.0	15900.0
	c9h18rFqD=oh+c9h18o-DF			
	_	2.04E+11	0.0	19500.0
	c9h18rGqD=oh+c9h18o-CF	3.63E+10	0.0	13000.0
	c9h18rHqD=oh+c9h18o-BF	1.70E+08	0.0	1950.0
7519.	c9h18rAqE=oh+c9h18o-AE	1.70E+08	0.0	1950.0
7520.	c9h18rBqE=oh+c9h18o-BE	3.63E+10	0.0	13000.0
	c9h18rCqE=oh+c9h18o-CE	2.04E+11	0.0	19500.0
	c9h18rDqE=oh+c9h18o-DE	1.38E+12	0.0	15900.0
	ho2+c9h18-1=c9h18rAqB	1.50E+11	0.0	7800.0
	ho2+c9h18-1=c9h18rBqA	1.50E+11	0.0	7800.0
	ho2+c9h18-2=c9h18rBqC	1.50E+11	0.0	7800.0
7526.	ho2+c9h18-2=c9h18rCqB	1.50E+11	0.0	7800.0
7527.	ho2+c9h18-3=c9h18rCqD	1.50E+11	0.0	7800.0
7528.	ho2+c9h18-3=c9h18rDqC	1.50E+11	0.0	7800.0
	ho2+c9h18-4=c9h18rEqD	1.50E+11	0.0	7800.0
	ho2+c9h18-4=c9h18rDqE	1.50E+11	0.0	7800.0
	c9h18qjBqA=>oh+c9h17oAqB	3.35E+09	1.0	33500.0
	c9h18qjCqA=>oh+c9h17oAqC	5.75E+08	1.0	26000.0
	c9h18qjDqA=>oh+c9h17oAqD	9.89E+07	1.0	23000.0
7534.	c9h18qjEqA=>oh+c9h17oAqE	1.70E+07	1.0	22000.0
7535.	c9h18qjAqB=>oh+c9h17oBqA	1.67E+09	1.0	30500.0
7536.	c9h18qjCqB=>oh+c9h17oBqC	1.67E+09	1.0	30500.0
	c9h18qjDqB=>oh+c9h17oBqD	2.87E+08	1.0	23000.0
	c9h18qjEqB=>oh+c9h17oBqE	4.94E+07	1.0	22000.0
	c9h18qjFqB=>oh+c9h17oBqF	8.49E+06	1.0	19000.0
	c9h18qjAqC=>oh+c9h17oCqA	2.87E+08	1.0	23000.0
	c9h18qjBqC=>oh+c9h17oCqB	1.67E+09	1.0	30500.0
	c9h18qjDqC=>oh+c9h17oCqD	1.67E+09	1.0	30500.0
7543.	c9h18qjEqC=>oh+c9h17oCqE	2.87E+08	1.0	23000.0
7544.	c9h18qjFqC=>oh+c9h17oCqF	4.94E+07	1.0	20000.0
	c9h18qjGqC=>oh+c9h17oCqG	8.49E+06	1.0	19000.0
	c9h18qjAqD=>oh+c9h17oDqA	4.94E+07	1.0	20000.0
	c9h18qjBqD=>oh+c9h17oDqB	2.87E+08	1.0	23000.0
	c9h18qjCqD=>oh+c9h17oDqC	1.67E+09	1.0	30500.0
	c9h18qjEqD=>oh+c9h17oDqE	1.67E+09	1.0	30500.0
	c9h18qjFqD=>oh+c9h17oDqF	2.87E+08	1.0	23000.0
7551.	c9h18qjGqD=>oh+c9h17oDqG	4.94E+07	1.0	20000.0
7552.	c9h18qjHqD=>oh+c9h17oDqH	8.49E+06	1.0	19000.0
	c9h18qjAqE=>oh+c9h17oEqA	8.49E+06	1.0	19000.0
			1.0	20000.0
	CAUT8dJRdE=>OU+CAUT\OEGR	4.946+0/		
7555	c9h18qjBqE=>oh+c9h17oEqB	4.94E+07 2.87E+08		
	c9h18qjCqE=>oh+c9h17oEqC	2.87E+08	1.0	23000.0
7556.				

7558.	c9h17oAqC=oh+ch2hco+c6h13hco	1.00E+16	0.0	43000.0
7559.	c9h17oAqD=oh+ch2ch2hco+c5h11hco	1.00E+16	0.0	43000.0
	c9h17oAqE=oh+c3h6cho-1+nc4h9hco	1.00E+16	0.0	43000.0
	c9h17oBqA=oh+ch2o+c7h15co	1.00E+16	0.0	43000.0
	c9h17oBqC=oh+ch3co+c6h13hco	1.00E+16	0.0	43000.0
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	c9h17oBqD=oh+ch2coch3+c5h11hco	1.00E+16	0.0	43000.0
	c9h17oBqE=oh+ch3coc2h4p+nc4h9hco	1.00E+16	0.0	43000.0
7565.	c9h17oBqF=oh+c3h6coch3-1+nc3h7hco	1.00E+16	0.0	43000.0
7566.	c9h17oCqA=oh+ch2o+nc6h13coch2	1.00E+16	0.0	43000.0
7567.	c9h17oCqB=oh+ch3hco+c6h13co	1.00E+16	0.0	43000.0
	c9h17oCqD=oh+c2h5co+c5h11hco	1.00E+16	0.0	43000.0
	c9h17oCqE=oh+c2h5coch2+nc4h9hco	1.00E+16	0.0	43000.0
	c9h17oCqF=oh+c2h5coc2h4p+nc3h7hco	1.00E+16	0.0	43000.0
	c9h17oCqG=oh+c2h5coc3h6-1+ethco	1.00E+16	0.0	43000.0
7572.	c9h17oDqA=oh+ch2o+nc5h11coc2h4p	1.00E+16	0.0	43000.0
7573.	c9h17oDqB=oh+ch3hco+nc5h11coch2	1.00E+16	0.0	43000.0
7574.	c9h17oDqC=oh+ethco+c5h11co	1.00E+16	0.0	43000.0
	c9h17oDqE=oh+nc4h9hco+c3h7co	1.00E+16	0.0	43000.0
	c9h17oDqF=oh+nc3h7coch2+nc3h7hco	1.00E+16	0.0	43000.0
	c9h17oDqG=oh+nc3h7coc2h4p+ethco	1.00E+16	0.0	43000.0
	c9h17oDqH=oh+nc3h7coc3h6-1+ch3hco	1.00E+16	0.0	43000.0
	c9h17oEqA=oh+ch2o+nc4h9coc3h6-1	1.00E+16	0.0	43000.0
7580.	c9h17oEqB=oh+ch3hco+nc4h9coc2h4p	1.00E+16	0.0	43000.0
7581.	c9h17oEqC=oh+ethco+nc4h9coch2	1.00E+16	0.0	43000.0
7582.	c9h17oEqD=oh+nc4h9co+nc3h7hco	1.00E+16	0.0	43000.0
	c9h18o-AB+h=>h2+acrol+Ac6h13	4.80E+08	1.5	2785.0
	c9h18o-AB+oh=>h2o+acrol+Ac6h13	2.40E+06	2.0	-1192.0
	c9h18o-AB+ho2=>h2o2+acro1+Ac6h13	2.50E+04	2.5	
				11605.0
	c9h18o-AB+h=>h2+ch2co+Ac7h15	2.40E+08	1.5	2005.0
	c9h18o-AB+oh=>h2o+ch2co+Ac7h15	1.20E+06	2.0	-1192.0
7588.	c9h18o-AB+ho2=>h2o2+ch2co+Ac7h15	1.00E+04	2.5	9400.0
7589.	c9h18o-BC+h=>h2+mvk+Ac5h11	2.40E+08	1.5	2005.0
7590.	c9h18o-BC+oh=>h2o+mvk+Ac5h11	1.20E+06	2.0	-1192.0
	c9h18o-BC+ho2=>h2o2+mvk+Ac5h11	1.00E+04	2.5	9400.0
	c9h18o-BC+h=>h2+ch3chco+Ac6h13	2.40E+08	1.5	2005.0
	c9h18o-BC+oh=>h2o+ch3chco+Ac6h13	1.20E+06	2.0	-1192.0
	c9h18o-BC+ho2=>h2o2+ch3chco+Ac6h13	1.00E+04	2.5	9400.0
	c9h18o-CD+h=>h2+c2h5coc2h3+pc4h9	2.40E+08	1.5	2005.0
	c9h18o-CD+oh=>h2o+c2h5coc2h3+pc4h9	1.20E+06	2.0	-1192.0
7597.	c9h18o-CD+ho2=>h2o2+c2h5coc2h3+pc4h9	1.00E+04	2.5	9400.0
7598.	c9h18o-CD+h=>h2+ch3+c2h3coc5h11	2.40E+08	1.5	2005.0
7599.	c9h18o-CD+oh=>h2o+ch3+c2h3coc5h11	1.20E+06	2.0	-1192.0
	c9h18o-CD+ho2=>h2o2+ch3+c2h3coc5h11	1.00E+04	2.5	9400.0
	c9h18o-DE+h=>h2+c2h3coc3h7+nc3h7	2.40E+08	1.5	2005.0
	c9h18o-DE+oh=>h2o+c2h3coc3h7+nc3h7			
		1.20E+06	2.0	-1192.0
	c9h18o-DE+ho2=>h2o2+c2h3coc3h7+nc3h7	1.00E+04	2.5	9400.0
	c9h18o-DE+h=>h2+c2h5+c2h3coc4h9	2.40E+08	1.5	2005.0
7605.	c9h18o-DE+oh=>h2o+c2h5+c2h3coc4h9	1.20E+06	2.0	-1192.0
7606.	c9h18o-DE+ho2=>h2o2+c2h5+c2h3coc4h9	1.00E+04	2.5	9400.0
7607.	c9h18o-AC+h=>h2+c8h16-1+hco	4.80E+08	1.5	2785.0
	c9h18o-AC+oh=>h2o+c8h16-1+hco	2.40E+06	2.0	-1192.0
	c9h18o-AC+ho2=>h2o2+c8h16-1+hco	2.50E+04	2.5	11605.0
	c9h18o-AC+h=>h2+c2h4+c6h13co	2.40E+08	1.5	2005.0
	c9h18o-AC+oh=>h2o+c2h4+c6h13co	1.20E+06	2.0	-1192.0
	c9h18o-AC+ho2=>h2o2+c2h4+c6h13co	1.00E+04	2.5	9400.0
	c9h18o-BD+h=>h2+ch3co+c7h14-1	2.40E+08	1.5	2005.0
7614.	c9h18o-BD+oh=>h2o+ch3co+c7h14-1	1.20E+06	2.0	-1192.0
7615.	c9h18o-BD+ho2=>h2o2+ch3co+c7h14-1	1.00E+04	2.5	9400.0
7616.	c9h18o-BD+h=>h2+c3h6+c5h11co	2.40E+08	1.5	2005.0
7617.	c9h18o-BD+oh=>h2o+c3h6+c5h11co	1.20E+06	2.0	-1192.0
	c9h18o-BD+ho2=>h2o2+c3h6+c5h11co	1.00E+04	2.5	9400.0
, 010.	CALLEGO DD HIGH-AHEGE (COHO (COHITICO	T.00F.04	۷. ک	J=00.0

7619.	c9h18o-CE+h=>h2+c6h12-1+c2h5co	2.40E+08	1.5	2005.0
7620.	c9h18o-CE+oh=>h2o+c6h12-1+c2h5co	1.20E+06	2.0	-1192.0
7621	c9h18o-CE+ho2=>h2o2+c6h12-1+c2h5co	1.00E+04	2.5	9400.0
	c9h18o-CE+h=>h2+c4h8+nc4h9co	2.40E+08	1.5	2005.0
	c9h18o-CE+oh=>h2o+c4h8+nc4h9co	1.20E+06	2.0	-1192.0
7624.	c9h18o-CE+ho2=>h2o2+c4h8+nc4h9co	1.00E+04	2.5	9400.0
7625.	c9h18o-DF+h=>h2+c5h10+c3h7co	4.80E+08	1.5	2005.0
7626.	c9h18o-DF+oh=>h2o+c5h10+c3h7co	2.40E+06	2.0	-1192.0
7627.	c9h18o-DF+ho2=>h2o2+c5h10+c3h7co	2.00E+04	2.5	9400.0
	c9h18o-AD+h=>h2+c2h4+nc5h11coch2	4.80E+08	1.5	2785.0
	c9h18o-AD+oh=>h2o+c2h4+nc5h11coch2	2.40E+06	2.0	-1192.0
	c9h18o-AD+ho2=>h2o2+c2h4+nc5h11coch2	2.50E+04	2.5	11605.0
	c9h18o-AD+h=>h2+c7h14-1+ch2hco	2.40E+08	1.5	2005.0
7632.	c9h18o-AD+oh=>h2o+c7h14-1+ch2hco	1.20E+06	2.0	-1192.0
7633.	c9h18o-AD+ho2=>h2o2+c7h14-1+ch2hco	1.00E+04	2.5	9400.0
7634.	c9h18o-BE+h=>h2+c6h12-1+ch2coch3	2.40E+08	1.5	2005.0
7635.	c9h18o-BE+oh=>h2o+c6h12-1+ch2coch3	1.20E+06	2.0	-1192.0
	c9h18o-BE+ho2=>h2o2+c6h12-1+ch2coch3	1.00E+04	2.5	9400.0
	c9h18o-BE+h=>h2+c3h6+nc4h9coch2	2.40E+08	1.5	2005.0
	c9h18o-BE+oh=>h2o+c3h6+nc4h9coch2	1.20E+06	2.0	-1192.0
	c9h18o-BE+ho2=>h2o2+c3h6+nc4h9coch2	1.00E+04	2.5	9400.0
7640.	c9h18o-CF+h=>h2+c5h10+c2h5coch2	2.40E+08	1.5	2005.0
7641.	c9h18o-CF+oh=>h2o+c5h10+c2h5coch2	1.20E+06	2.0	-1192.0
7642.	c9h18o-CF+ho2=>h2o2+c5h10+c2h5coch2	1.00E+04	2.5	9400.0
	c9h18o-CF+h=>h2+c4h8+nc3h7coch2	2.40E+08	1.5	2005.0
	c9h18o-CF+oh=>h2o+c4h8+nc3h7coch2	1.20E+06	2.0	-1192.0
			2.5	
	c9h18o-CF+ho2=>h2o2+c4h8+nc3h7coch2	1.00E+04		9400.0
	c9h18o-AE+h=>h2+c6h12-1+ch2ch2hco	4.80E+08	1.5	2785.0
	c9h18o-AE+oh=>h2o+c6h12-1+ch2ch2hco	2.40E+06	2.0	-1192.0
	c9h18o-AE+ho2=>h2o2+c6h12-1+ch2ch2hco	2.50E+04	2.5	11605.0
7649.	c9h18o-AE+h=>h2+c2h4+nc4h9coc2h4p	2.40E+08	1.5	2005.0
7650.	c9h18o-AE+oh=>h2o+c2h4+nc4h9coc2h4p	1.20E+06	2.0	-1192.0
	c9h18o-AE+ho2=>h2o2+c2h4+nc4h9coc2h4p	1.00E+04	2.5	9400.0
	c9h18o-BF+h=>h2+c5h10+ch3coc2h4p	2.40E+08	1.5	2005.0
	c9h18o-BF+oh=>h2o+c5h10+ch3coc2h4p	1.20E+06	2.0	-1192.0
	<del>-</del>		2.5	9400.0
	c9h18o-BF+ho2=>h2o2+c5h10+ch3coc2h4p	1.00E+04		
	c9h18o-BF+h=>h2+c3h6+nc3h7coc2h4p	2.40E+08	1.5	2005.0
	c9h18o-BF+oh=>h2o+c3h6+nc3h7coc2h4p	1.20E+06	2.0	-1192.0
	c9h18o-BF+ho2=>h2o2+c3h6+nc3h7coc2h4p	1.00E+04	2.5	9400.0
7658.	c9h18o-CG+h=>h2+c4h8+c2h5coc2h4p	4.80E+08	1.5	2005.0
7659.	c9h18o-CG+oh=>h2o+c4h8+c2h5coc2h4p	2.40E+06	2.0	-1192.0
7660.	c9h18o-CG+ho2=>h2o2+c4h8+c2h5coc2h4p	2.00E+04	2.5	9400.0
	c9h18-1+ho2=oh+c9h18o-AB	1.00E+12	0.0	14400.0
	c9h18-2+ho2=oh+c9h18o-BC	1.00E+12	0.0	14400.0
	c9h18-3+ho2=oh+c9h18o-CD	1.00E+12	0.0	14400.0
	c9h18-4+ho2=oh+c9h18o-DE	1.00E+12	0.0	14400.0
	nonanone+h=>h2+ch2co+ch3+3c2h4	2.70E+07	2.0	5000.0
	nonanone+oh=>h2o+ch2co+ch3+3c2h4	7.80E+06	2.0	-765.0
7667.	nonanone+ho2=>h2o2+ch2co+ch3+3c2h4	1.20E+12	0.0	15500.0
7668.	nonanone+ch3=>ch4+ch2co+ch3+3c2h4	6.00E+11	0.0	9600.0
7669.	nonanone+ch3o2=>ch3o2h+ch2co+ch3+3c2h4	6.00E+11	0.0	9600.0
	nonanone+c2h5=>c2h6+ch2co+ch3+3c2h4	6.00E+11	0.0	11000.0
	c8h15hco=Hc8h15-1+hco	7.25E+16	0.0	82400.0
	c8h15hco+o2=c8h15co+ho2	2.00E+13	0.5	42200.0
	c8h15hco+ho2=c8h15co+h2o2	1.70E+12	0.0	10700.0
	c8h15hco+oh=c8h15co+h2o	2.35E+10	0.7	-1113.0
	c8h15hco+o=c8h15co+oh	5.85E+12	0.0	1808.0
	c8h15hco+h=c8h15co+h2	5.54E+02	3.5	5167.0
7677.	c8h15hco+ch3=c8h15co+ch4	2.25E+00	4.0	8285.0
7678.	c8h15hco+c2h5=c8h15co+c2h6	1.64E+00	3.6	9141.0
7679.	c8h15hco+hco=c8h15co+ch2o	4.70E+04	2.7	18235.0
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7680.	c8h15hco+c2h3=c8h15co+c2h4	8.50E+09	0.0	6000.0
7681.	c8h15co=Hc8h15-1+co	2.00E+13	0.0	28700.0
	c8h15co+ho2=>co2+oh+Hc8h15-1	2.00E+13	0.0	0.0
	nc10h22+c10h21qjA=c10h21qA+Ac10h21	1.20E+13	0.0	20000.0
	nc10h22+c10h21qjA=c10h21qA+Bc10h21	6.00E+12	0.0	17500.0
7685.	nc10h22+c10h21qjA=c10h21qA+Cc10h21	6.00E+12	0.0	17500.0
7686.	nc10h22+c10h21qjA=c10h21qA+Dc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjA=c10h21qA+Ec10h21	6.00E+12	0.0	17500.0
	== = = = = = = = = = = = = = = = = = =		0.0	
	nc10h22+c10h21qjB=c10h21qB+Ac10h21	1.20E+13		20000.0
	nc10h22+c10h21qjB=c10h21qB+Bc10h21	6.00E+12	0.0	17500.0
7690.	nc10h22+c10h21qjB=c10h21qB+Cc10h21	6.00E+12	0.0	17500.0
7691.	nc10h22+c10h21qjB=c10h21qB+Dc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjB=c10h21qB+Ec10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjC=c10h21qC+Ac10h21	1.20E+13	0.0	20000.0
	nc10h22+c10h21qjC=c10h21qC+Bc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjC=c10h21qC+Cc10h21	6.00E+12	0.0	17500.0
7696.	nc10h22+c10h21qjC=c10h21qC+Dc10h21	6.00E+12	0.0	17500.0
7697.	nc10h22+c10h21qjC=c10h21qC+Ec10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjD=c10h21qD+Ac10h21	1.20E+13	0.0	20000.0
	nc10h22+c10h21qjD=c10h21qD+Bc10h21	6.00E+12	0.0	17500.0
	== = = = = = = = = = = = = = = = = = =			
	nc10h22+c10h21qjD=c10h21qD+Cc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjD=c10h21qD+Dc10h21	6.00E+12	0.0	17500.0
7702.	nc10h22+c10h21qjD=c10h21qD+Ec10h21	6.00E+12	0.0	17500.0
7703.	nc10h22+c10h21qjE=c10h21qE+Ac10h21	1.20E+13	0.0	20000.0
	nc10h22+c10h21qjE=c10h21qE+Bc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjE=c10h21qE+Cc10h21	6.00E+12	0.0	
	== = = = = = = = = = = = = = = = = = =			17500.0
	nc10h22+c10h21qjE=c10h21qE+Dc10h21	6.00E+12	0.0	17500.0
	nc10h22+c10h21qjE=c10h21qE+Ec10h21	6.00E+12	0.0	17500.0
7708.	Ac10h21+o2=c10h21qjA	9.00E+18	-2.5	0.0
7709.	Bc10h21+o2=c10h21qjB	1.70E+19	-2.5	0.0
	Cc10h21+o2=c10h21qjC	1.80E+19	-2.5	0.0
	Dc10h21+o2=c10h21qjD	1.80E+19	-2.5	0.0
	Ec10h21+o2=c10h21qjE	1.80E+19	-2.5	0.0
	Ac10h21+ho2=c10h21ojA+oh	7.00E+12	0.0	-1000.0
7714.	Bc10h21+ho2=c10h21ojB+oh	7.00E+12	0.0	-1000.0
7715.	Cc10h21+ho2=c10h21ojC+oh	7.00E+12	0.0	-1000.0
	Dc10h21+ho2=c10h21ojD+oh	7.00E+12	0.0	-1000.0
	Ec10h21+ho2=c10h21ojE+oh	7.00E+12	0.0	-1000.0
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	Ac10h21+ch3o2=c10h21ojA+ch3o	7.00E+12	0.0	-1000.0
	Bc10h21+ch3o2=c10h21ojB+ch3o	7.00E+12	0.0	-1000.0
7720.	Cc10h21+ch3o2=c10h21ojC+ch3o	7.00E+12	0.0	-1000.0
7721.	Dc10h21+ch3o2=c10h21ojD+ch3o	7.00E+12	0.0	-1000.0
	Ec10h21+ch3o2=c10h21ojE+ch3o	7.00E+12	0.0	-1000.0
	Ac10h21+c2h5o2=c10h21ojA+c2h5o	7.00E+12	0.0	-1000.0
	Bc10h21+c2h5o2=c10h21ojB+c2h5o	7.00E+12	0.0	-1000.0
	Cc10h21+c2h5o2=c10h21ojC+c2h5o	7.00E+12	0.0	-1000.0
7726.	Dc10h21+c2h5o2=c10h21ojD+c2h5o	7.00E+12	0.0	-1000.0
7727.	Ec10h21+c2h5o2=c10h21ojE+c2h5o	7.00E+12	0.0	-1000.0
	Ac10h21+nc3h7o2=c10h21ojA+nc3h7o	7.00E+12	0.0	-1000.0
	Bc10h21+nc3h7o2=c10h21ojB+nc3h7o	7.00E+12	0.0	-1000.0
	Cc10h21+nc3h7o2=c10h21ojC+nc3h7o	7.00E+12	0.0	-1000.0
	Dc10h21+nc3h7o2=c10h21ojD+nc3h7o	7.00E+12	0.0	-1000.0
	Ec10h21+nc3h7o2=c10h21ojE+nc3h7o	7.00E+12	0.0	-1000.0
7733.	Ac10h21+ic3h7o2=c10h21ojA+ic3h7o	7.00E+12	0.0	-1000.0
	Bc10h21+ic3h7o2=c10h21ojB+ic3h7o	7.00E+12	0.0	-1000.0
	Cc10h21+ic3h7o2=c10h21ojC+ic3h7o	7.00E+12	0.0	-1000.0
	Dc10h21+ic3h7o2=c10h21ojD+ic3h7o	7.00E+12	0.0	-1000.0
	Ec10h21+ic3h7o2=c10h21ojE+ic3h7o	7.00E+12	0.0	-1000.0
	Ac10h21+c10h21qjA=2c10h21ojA	7.00E+12	0.0	-1000.0
7739.	Bc10h21+c10h21qjA=c10h21ojB+c10h21ojA	7.00E+12	0.0	-1000.0
	Cc10h21+c10h21qjA=c10h21ojC+c10h21ojA	7.00E+12	0.0	-1000.0

7741.	Dc10h21+c10h21qjA=c10h21ojD+c10h21ojA	7.00E+12	0.0	-1000.0
	Ec10h21+c10h21qjA=c10h21ojE+c10h21ojA	7.00E+12	0.0	-1000.0
	Ac10h21+c10h21qjB=c10h21ojA+c10h21ojB		0.0	-1000.0
		7.00E+12		
	Bc10h21+c10h21qjB=2c10h21ojB	7.00E+12	0.0	-1000.0
7745.	Cc10h21+c10h21qjB=c10h21ojC+c10h21ojB	7.00E+12	0.0	-1000.0
7746.	Dc10h21+c10h21qjB=c10h21ojD+c10h21ojB	7.00E+12	0.0	-1000.0
	Ec10h21+c10h21qjB=c10h21ojE+c10h21ojB	7.00E+12	0.0	-1000.0
	Ac10h21+c10h21qjC=c10h21ojA+c10h21ojC	7.00E+12	0.0	-1000.0
7749.	Bc10h21+c10h21qjC=c10h21ojB+c10h21ojC	7.00E+12	0.0	-1000.0
7750.	Cc10h21+c10h21qjC=2c10h21ojC	7.00E+12	0.0	-1000.0
	Dc10h21+c10h21qjC=c10h21ojD+c10h21ojC	7.00E+12	0.0	-1000.0
	Ec10h21+c10h21qjC=c10h21ojE+c10h21ojC	7.00E+12 7.00E+12	0.0	-1000.0
	Ac10h21+c10h21qjD=c10h21ojA+c10h21ojD	7.00E+12	0.0	-1000.0
7754.	Bc10h21+c10h21qjD=c10h21ojB+c10h21ojD	7.00E+12	0.0	-1000.0
7755.	Cc10h21+c10h21qjD=c10h21ojC+c10h21ojD	7.00E+12	0.0	-1000.0
	Dc10h21+c10h21qjD=2c10h21ojD	7.00E+12	0.0	-1000.0
	Ec10h21+c10h21qjD=c10h21ojE+c10h21ojD	7.00E+12	0.0	-1000.0
	Ac10h21+c10h21qjE=c10h21ojA+c10h21ojE	7.00E+12	0.0	-1000.0
7759.	Bc10h21+c10h21qjE=c10h21ojB+c10h21ojE	7.00E+12	0.0	-1000.0
7760.	Cc10h21+c10h21qjE=c10h21ojC+c10h21ojE	7.00E+12	0.0	-1000.0
	Dc10h21+c10h21qjE=c10h21ojD+c10h21ojE	7.00E+12	0.0	-1000.0
	Ec10h21+c10h21qjE=2c10h21ojE	7.00E+12	0.0	-1000.0
7763.	c10h21ojA=ch2o+Ac9h19	2.10E+22	-2.6	12941.0
7764.	c10h21ojB=ch3hco+Ac8h17	8.42E+09	1.2	9888.0
	c10h2lojB=ch3+c8h17hco	5.28E+09	1.2	13999.0
	c10h2lojC=ethco+Ac7h15	1.90E+10	1.1	9825.0
	c10h21ojC=c2h5+c7h15hco	3.89E+12	0.5	9071.0
7768.	c10h21ojD=nc3h7+c6h13hco	1.22E+12	0.6	10063.0
7769.	c10h21ojD=nc3h7hco+Ac6h13	5.67E+13	0.2	10812.0
7770.	c10h2lojE=pc4h9+c5h11hco	2.60E+14	-0.1	11248.5
	c10h21ojE=nc4h9hco+Ac5h11	8.89E+11	0.6	10405.0
	c10h21qA=oh+c10h21ojA	1.50E+16	0.0	42500.0
	c10h21qB=oh+c10h21ojB	1.25E+16	0.0	41600.0
7774.	c10h21qC=oh+c10h21ojC	1.25E+16	0.0	41600.0
7775.	c10h21qD=oh+c10h21ojD	1.25E+16	0.0	41600.0
	c10h21qE=oh+c10h21ojE	1.25E+16	0.0	41600.0
	c10h21qjA=c10h20rBqA	5.70E+08	1.0	32500.0
	c10h21qjA=c10h20rCqA	9.90E+07	1.0	25000.0
7779.	c10h21qjA=c10h20rDqA	1.70E+07	1.0	22000.0
7780.	c10h21qjA=c10h20rEqA	2.90E+06	1.0	21000.0
	c10h2lqjB=c10h20rAqB	8.65E+08	1.0	35500.0
	c10h21qjB=c10h20rCqB	5.70E+08	1.0	32500.0
	c10h21qjB=c10h20rDqB	9.90E+07	1.0	25000.0
7784.	c10h21qjB=c10h20rEqB	1.70E+07	1.0	22000.0
7785.	c10h21qjB=c10h20rFqB	2.90E+06	1.0	21000.0
	c10h21qjC=c10h20rAqC	1.48E+08	1.0	28000.0
	c10h21qjC=c10h20rBqC	5.70E+08		32500.0
			1.0	
	c10h21qjC=c10h20rDqC	5.70E+08	1.0	32500.0
7789.	c10h21qjC=c10h20rEqC	9.90E+07	1.0	25000.0
7790.	c10h21qjC=c10h20rFqC	1.70E+07	1.0	22000.0
	c10h2lqjC=c10h20rGqC	2.90E+06	1.0	21000.0
	==			
	c10h2lqjD=c10h20rAqD	2.53E+07	1.0	25000.0
	c10h21qjD=c10h20rBqD	9.90E+07	1.0	25000.0
7794.	c10h21qjD=c10h20rCqD	5.70E+08	1.0	32500.0
7795.	c10h21qjD=c10h20rEqD	5.70E+08	1.0	32500.0
	c10h21qjD=c10h20rFqD	9.90E+07	1.0	25000.0
	c10h21qjD=c10h20rGqD	1.70E+07	1.0	22000.0
	c10h21qjD=c10h20rHqD	2.90E+06	1.0	21000.0
	c10h21qjE=c10h20rAqE	4.35E+06	1.0	24000.0
7800.	c10h21qjE=c10h20rBqE	1.70E+07	1.0	22000.0
7801.	c10h2lqjE=c10h20rCqE	9.90E+07	1.0	25000.0
	±			

7802.	c10h21qjE=c10h20rDqE	5.70E+08	1.0	32500.0
7803.	c10h21qjE=c10h20rFqE	5.70E+08	1.0	32500.0
	c10h21qjE=c10h20rGqE	9.90E+07	1.0	25000.0
	c10h21qjE=c10h20rHqE	1.70E+07	1.0	22000.0
	c10h21qjE=c10h20rIqE	2.90E+06	1.0	21000.0
	c10h21qjA+ho2=c10h21qA+o2	2.90E+11	0.0	1550.0
7808.	c10h21qjB+ho2=c10h21qB+o2	2.90E+11	0.0	1550.0
7809.	c10h21qjC+ho2=c10h21qC+o2	2.90E+11	0.0	1550.0
	c10h21qjD+ho2=c10h21qD+o2	2.90E+11	0.0	1550.0
	c10h21qjE+ho2=c10h21qE+o2	2.90E+11	0.0	1550.0
	c10h21qjA+h2o2=c10h21qA+ho2	2.40E+12	0.0	10000.0
	c10h21qjB+h2o2=c10h21qB+ho2	2.40E+12	0.0	10000.0
7814.	c10h21qjC+h2o2=c10h21qC+ho2	2.40E+12	0.0	10000.0
7815.	c10h21qjD+h2o2=c10h21qD+ho2	2.40E+12	0.0	10000.0
7816.	c10h21qjE+h2o2=c10h21qE+ho2	2.40E+12	0.0	10000.0
	c10h21qjA+ho2=c10h21ojA+oh+o2	1.00E+11	0.0	0.0
	c10h2lqjB+ho2=c10h2lojB+oh+o2	1.00E+11	0.0	0.0
	c10h21qjC+ho2=c10h21ojC+oh+o2	1.00E+11	0.0	0.0
	c10h21qjD+ho2=c10h21ojD+oh+o2	1.00E+11	0.0	0.0
	c10h21qjE+ho2=c10h21ojE+oh+o2	1.00E+11	0.0	0.0
7822.	c10h21qjA+ch3o2=c10h21ojA+ch3o+o2	1.40E+16	-1.6	1860.0
7823.	c10h2lqjB+ch3o2=c10h2lojB+ch3o+o2	1.40E+16	-1.6	1860.0
	c10h21qjC+ch3o2=c10h21ojC+ch3o+o2	1.40E+16	-1.6	1860.0
	c10h21qjD+ch3o2=c10h21ojD+ch3o+o2	1.40E+16	-1.6	1860.0
	c10h2lqjE+ch3o2=c10h2lojE+ch3o+o2	1.40E+16	-1.6	1860.0
	c10h21qjA+c10h21qjA=c10h21ojA+c10h21ojA+o2	1.40E+16	-1.6	1860.0
	c10h21qjA+c10h21qjB=c10h21ojA+c10h21ojB+o2	1.40E+16	-1.6	1860.0
7829.	c10h21qjA+c10h21qjC=c10h21ojA+c10h21ojC+o2	1.40E+16	-1.6	1860.0
7830.	c10h2lqjA+c10h2lqjD=c10h2lojA+c10h2lojD+o2	1.40E+16	-1.6	1860.0
	c10h21qjA+c10h21qjE=c10h21ojA+c10h21ojE+o2	1.40E+16	-1.6	1860.0
	c10h2lqjB+c10h2lqjB=c10h2lojB+c10h2lojB+o2	1.40E+16	-1.6	1860.0
			-1.6	
	c10h2lqjB+c10h2lqjC=c10h2lojC+c10h2lojB+o2	1.40E+16		1860.0
	c10h21qjB+c10h21qjD=c10h21ojD+c10h21ojB+o2	1.40E+16	-1.6	1860.0
	c10h21qjB+c10h21qjE=c10h21ojE+c10h21ojB+o2	1.40E+16	-1.6	1860.0
7836.	c10h21qjC+c10h21qjC=c10h21ojC+c10h21ojC+o2	1.40E+16	-1.6	1860.0
7837.	c10h21qjC+c10h21qjD=c10h21ojC+c10h21ojD+o2	1.40E+16	-1.6	1860.0
7838.	c10h2lqjC+c10h2lqjE=c10h2lojC+c10h2lojE+o2	1.40E+16	-1.6	1860.0
	c10h21qjD+c10h21qjD=c10h21ojD+c10h21ojD+o2	1.40E+16	-1.6	1860.0
	c10h2lqjD+c10h2lqjE=c10h2lojD+c10h2lojE+o2	1.40E+16	-1.6	1860.0
	c10h2lqjE+c10h2lqjE=c10h2lojE+c10h2lojE+o2	1.40E+16	-1.6	1860.0
	c10h20rBqA+o2=c10h20qjBqA	1.70E+19	-2.5	0.0
	c10h20rCqA+o2=c10h20qjCqA	1.80E+19	-2.5	0.0
7844.	c10h20rDqA+o2=c10h20qjDqA	1.80E+19	-2.5	0.0
7845.	c10h20rEqA+o2=c10h20qjEqA	1.80E+19	-2.5	0.0
7846.	c10h20rAqB+o2=c10h20qjAqB	9.00E+18	-2.5	0.0
	c10h20rCqB+o2=c10h20qjCqB	1.80E+19	-2.5	0.0
	c10h20rDqB+o2=c10h20qjDqB	1.80E+19	-2.5	0.0
	c10h20rEqB+o2=c10h20qjEqB	1.80E+19	-2.5	0.0
	c10h20rFqB+o2=c10h20qjFqB	1.80E+19	-2.5	0.0
	c10h20rAqC+o2=c10h20qjAqC	9.00E+18	-2.5	0.0
7852.	c10h20rBqC+o2=c10h20qjBqC	1.70E+19	-2.5	0.0
7853.	c10h20rDqC+o2=c10h20qjDqC	1.80E+19	-2.5	0.0
	c10h20rEqC+o2=c10h20qjEqC	1.80E+19	-2.5	0.0
	c10h20rFqC+o2=c10h20qjFqC	1.80E+19	-2.5	0.0
	c10h20rGqC+o2=c10h20qjFqc	1.80E+19	-2.5	0.0
	c10h20rAqD+o2=c10h20qjAqD	9.00E+18	-2.5	0.0
	c10h20rBqD+o2=c10h20qjBqD	1.70E+19	-2.5	0.0
	c10h20rCqD+o2=c10h20qjCqD	1.80E+19	-2.5	0.0
7860.	c10h20rEqD+o2=c10h20qjEqD	1.80E+19	-2.5	0.0
	c10h20rFqD+o2=c10h20qjFqD	1.80E+19	-2.5	0.0
	c10h20rGqD+o2=c10h20qjGqD	1.80E+19	-2.5	0.0
, 502.	21011101040.01 010111041040	1.000.17	2.5	0.0

7863.	c10h20rHqD+o2=c10h20qjHqD	1.80E+19	-2.5	0.0
7864.	c10h20rAqE+o2=c10h20qjAqE	9.00E+18	-2.5	0.0
	c10h20rBqE+o2=c10h20qjBqE	1.70E+19	-2.5	0.0
	c10h20rCqE+o2=c10h20qjCqE	1.80E+19	-2.5	0.0
7867.	c10h20rDqE+o2=c10h20qjDqE	1.80E+19	-2.5	0.0
	c10h20rFqE+o2=c10h20qjFqE	1.80E+19	-2.5	0.0
	c10h20rGqE+o2=c10h20qjGqE	1.80E+19	-2.5	0.0
7870.	c10h20rHqE+o2=c10h20qjHqE	1.80E+19	-2.5	0.0
7871.	c10h20rIqE+o2=c10h20qjIqE	1.70E+19	-2.5	0.0
	c10h20rCqA=oh+ch2o+c9h18-1	3.67E+12	0.5	28377.0
7873.	c10h20rDqB=oh+ch3hco+c8h16-1	1.27E+18	-1.1	29189.0
7874.	c10h20rAqC=oh+c7h15hco+c2h4	6.38E+15	-0.5	28717.0
	c10h20rEqC=oh+ethco+c7h14-1	5.46E+17	-1.0	28585.0
	c10h20rBqD=oh+c6h13hco+c3h6	1.24E+15	-0.2	27943.0
7877.	c10h20rFqD=oh+nc3h7hco+c6h12-1	1.30E+17	-0.8	28398.0
7878.	c10h20rCqE=oh+c5h11hco+c4h8	8.47E+15	-0.4	28015.0
	c10h20rGqE=oh+nc4h9hco+c5h10	4.49E+16	-0.7	28240.0
	c10h20rBqA=oh+c10h20o-AB	1.38E+12	0.0	15900.0
7881.	c10h20rCqA=oh+c10h20o-AC	2.04E+11	0.0	19500.0
7882	c10h20rDqA=oh+c10h20o-AD	3.63E+10	0.0	13000.0
	c10h20rEqA=oh+c10h20o-AE	1.70E+08	0.0	1950.0
	<del>-</del>			
7884.	c10h20rAqB=oh+c10h20o-AB	1.38E+12	0.0	15900.0
7885.	c10h20rCqB=oh+c10h20o-BC	1.38E+12	0.0	15900.0
	c10h20rDqB=oh+c10h20o-BD	2.04E+11	0.0	19500.0
	_	3.63E+10		
	c10h20rEqB=oh+c10h20o-BE		0.0	13000.0
7888.	c10h20rFqB=oh+c10h20o-BF	1.70E+08	0.0	1950.0
7889.	c10h20rAqC=oh+c10h20o-AC	2.04E+11	0.0	19500.0
7890.	c10h20rBqC=oh+c10h20o-BC	1.38E+12	0.0	15900.0
	c10h20rDqC=oh+c10h20o-CD	1.38E+12	0.0	15900.0
	c10h20rEqC=oh+c10h20o-CE	2.04E+11	0.0	19500.0
7893.	c10h20rFqC=oh+c10h20o-CF	3.63E+10	0.0	13000.0
7894.	c10h20rGqC=oh+c10h20o-CG	1.70E+08	0.0	1950.0
	c10h20rAqD=oh+c10h20o-AD	3.63E+10	0.0	13000.0
	c10h20rBqD=oh+c10h20o-BD	2.04E+11	0.0	19500.0
7897.	c10h20rCqD=oh+c10h20o-CD	1.38E+12	0.0	15900.0
7898.	c10h20rEqD=oh+c10h20o-DE	1.38E+12	0.0	15900.0
7899.	c10h20rFqD=oh+c10h20o-DF	2.04E+11	0.0	19500.0
	c10h20rGqD=oh+c10h20o-DG	3.63E+10	0.0	13000.0
7901.	c10h20rHqD=oh+c10h20o-CG	1.70E+08	0.0	1950.0
7902.	c10h20rAqE=oh+c10h20o-AE	1.70E+08	0.0	1950.0
7903.	c10h20rBqE=oh+c10h20o-BE	3.63E+10	0.0	13000.0
	c10h20rCqE=oh+c10h20o-CE	2.04E+11	0.0	19500.0
	<del>-</del>			
	c10h20rDqE=oh+c10h20o-DE	2.95E+11	0.0	22000.0
7906.	c10h20rFqE=oh+c10h20o-EF	2.95E+11	0.0	22000.0
7907.	c10h20rGqE=oh+c10h20o-DF	2.04E+11	0.0	19500.0
	c10h20rHqE=oh+c10h20o-CF	3.63E+10	0.0	13000.0
	<del>-</del>			
	c10h20rIqE=oh+c10h20o-BF	1.70E+08	0.0	1950.0
7910.	ho2+c10h20-1=c10h20rAqB	1.50E+11	0.0	7800.0
7911.	ho2+c10h20-1=c10h20rBqA	1.50E+11	0.0	7800.0
	ho2+c10h20-2=c10h20rBqC	1.50E+11	0.0	7800.0
	ho2+c10h20-2=c10h20rCqB	1.50E+11	0.0	7800.0
7914.	ho2+c10h20-3=c10h20rCqD	1.50E+11	0.0	7800.0
7915.	ho2+c10h20-3=c10h20rDqC	1.50E+11	0.0	7800.0
	ho2+c10h20-4=c10h20rDqE	1.50E+11	0.0	7800.0
	ho2+c10h20-4=c10h20rEqD	1.50E+11	0.0	7800.0
	ho2+c10h20-5=c10h20rFqE	1.50E+11	0.0	7800.0
7919.	c10h20qjBqA=oh+c10h19oAqB	3.35E+09	1.0	33500.0
	c10h20qjCqA=oh+c10h19oAqC	5.75E+08	1.0	26000.0
	c10h20qjDqA=oh+c10h19oAqD	9.89E+07	1.0	23000.0
	c10h20qjEqA=oh+c10h19oAqE	1.70E+07	1.0	22000.0
7923.	c10h20qjAqB=oh+c10h19oBqA	1.67E+09	1.0	30500.0

7924.	c10h20qjCqB=oh+c10h19oBqC	1.67E+09	1.0	30500.0
7925.	c10h20qjDqB=oh+c10h19oBqD	2.87E+08	1.0	23000.0
	c10h20qjEqB=oh+c10h19oBqE	4.94E+07	1.0	20000.0
	c10h20qjFqB=oh+c10h19oBqF	8.49E+06	1.0	19000.0
	c10h20qj1qB=oh+c10h19oCqA	2.87E+08	1.0	23000.0
	19 1			
	c10h20qjBqC=oh+c10h19oCqB	1.67E+09	1.0	30500.0
	c10h20qjDqC=oh+c10h19oCqD	1.67E+09	1.0	30500.0
7931.	c10h20qjEqC=oh+c10h19oCqE	2.87E+08	1.0	23000.0
7932.	c10h20gjFgC=oh+c10h19oCgF	4.94E+07	1.0	20000.0
7933.	c10h20qjGqC=oh+c10h19oCqG	8.49E+06	1.0	19000.0
	c10h20qjAqD=oh+c10h19oDqA	4.94E+07	1.0	20000.0
	c10h20qjHqb=oh+c10h19oDqH	2.87E+08	1.0	23000.0
	c10h20qjCqD=oh+c10h19oDqC	1.67E+09	1.0	30500.0
	c10h20qjEqD=oh+c10h19oDqE	1.67E+09	1.0	30500.0
	c10h20qjFqD=oh+c10h19oDqF	2.87E+08	1.0	23000.0
7939.	c10h20qjGqD=oh+c10h19oDqG	4.94E+07	1.0	20000.0
7940.	c10h20qjHqD=oh+c10h19oDqH	8.49E+06	1.0	19000.0
	c10h20qjAqE=oh+c10h19oEqA	8.49E+06	1.0	19000.0
	c10h20qjBqE=oh+c10h19oEqB	4.94E+07	1.0	20000.0
	c10h20qjCqE=oh+c10h19oEqC	2.87E+08	1.0	23000.0
	c10h20qjDqE=oh+c10h19oEqD	1.67E+09	1.0	30500.0
	c10h20qjFqE=oh+c10h19oEqF	1.67E+09	1.0	30500.0
7946.	c10h20qjGqE=oh+c10h19oEqG	2.87E+08	1.0	23000.0
7947.	c10h20gjHgE=oh+c10h19oEgH	4.94E+07	1.0	20000.0
7948.	c10h20qjIqE=oh+c10h19oEqI	8.49E+06	1.0	19000.0
	c10h19oAqB=>oh+hco+c8h17hco	1.00E+16	0.0	43000.0
	c10h19oAqC=>oh+ch2hco+c7h15hco	1.00E+16	0.0	43000.0
	c10h19oAqD=>oh+ch2ch2hco+c6h13hco	1.00E+16	0.0	43000.0
	c10h19oAqE=>oh+c3h6cho-1+c5h11hco	1.00E+16	0.0	43000.0
	c10h19oBqA=>oh+ch2o+c8h17co	1.00E+16	0.0	43000.0
	c10h19oBqC=>oh+ch3co+c7h15hco	1.00E+16	0.0	43000.0
7955.	c10h19oBqD=>oh+ch2coch3+c6h13hco	1.00E+16	0.0	43000.0
7956.	c10h19oBqE=>oh+ch3coc2h4p+c5h11hco	1.00E+16	0.0	43000.0
	c10h19oBqF=>oh+c3h6coch3-1+nc4h9hco	1.00E+16	0.0	43000.0
	c10h19oCqA=>oh+ch2o+nc7h15coch2	1.00E+16	0.0	43000.0
	c10h19oCqB=>oh+ch3hco+c7h15co	1.00E+16	0.0	43000.0
	c10h19oCqD=>oh+c2h5co+c6h13hco	1.00E+16	0.0	43000.0
	c10h19oCqE=>oh+c2h5coch2+c5h11hco	1.00E+16	0.0	43000.0
	c10h19oCqF=>oh+c2h5coc2h4p+nc4h9hco	1.00E+16	0.0	43000.0
	c10h19oCqG=>oh+c2h5coc3h6-1+nc3h7hco	1.00E+16	0.0	43000.0
7964.	c10h19oDqA=>oh+ch2o+nc6h13coc2h4p	1.00E+16	0.0	43000.0
7965.	c10h19oDqB=>oh+ch3hco+nc6h13coch2	1.00E+16	0.0	43000.0
7966.	c10h19oDqC=>oh+ethco+c6h13co	1.00E+16	0.0	43000.0
	c10h19oDqE=>oh+c3h7co+c5h11hco	1.00E+16	0.0	43000.0
	c10h19oDqF=>oh+nc4h9hco+nc3h7coch2	1.00E+16	0.0	43000.0
	c10h19oDqG=>oh+nc3h7hco+nc3h7coc2h4p	1.00E+16	0.0	43000.0
	c10h19oDqH=>oh+ethco+nc3h7coc3h6-1	1.00E+16	0.0	43000.0
	c10h19oEqA=>oh+ch2o+nc5h11coc3h6-1	1.00E+16	0.0	43000.0
	c10h19oEqB=>oh+ch3hco+nc5h11coc2h4p	1.00E+16	0.0	43000.0
7973.	c10h19oEqC=>oh+ethco+nc5h11coch2	1.00E+16	0.0	43000.0
7974.	c10h19oEqD=>oh+nc3h7hco+c5h11co	1.00E+16	0.0	43000.0
7975.	c10h19oEqF=>oh+nc4h9co+nc4h9hco	1.00E+16	0.0	43000.0
	c10h19oEqG=>oh+nc3h7hco+ch2co+pc4h9	1.00E+16	0.0	43000.0
	c10h19oEqH=>oh+ethco+nc4h9coc2h4p	1.00E+16	0.0	43000.0
	c10h19oEq1=>oh+ch3hco+nc4h9coc3h6-1	1.00E+16	0.0	43000.0
	c10h20o-AB+h=>h2+acrol+Ac7h15	4.80E+08	1.5	2785.0
	c10h20o-AB+oh=>h2o+acrol+Ac7h15	2.40E+06	2.0	-1192.0
	c10h20o-AB+ho2=>h2o2+acrol+Ac7h15	2.50E+04	2.5	11605.0
	c10h20o-AB+h=>h2+ch2co+Ac8h17	2.40E+08	1.5	2005.0
7983.	c10h20o-AB+oh=>h2o+ch2co+Ac8h17	1.20E+06	2.0	-1192.0
7984.	c10h20o-AB+ho2=>h2o2+ch2co+Ac8h17	1.00E+04	2.5	9400.0

7985.	c10h20o-BC+h=>h2+mvk+Ac6h13	2.40E+08	1.5	2005.0
7986.	c10h20o-BC+oh=>h2o+mvk+Ac6h13	1.20E+06	2.0	-1192.0
	c10h20o-BC+ho2=>h2o2+mvk+Ac6h13	1.00E+04	2.5	9400.0
			1.5	
	c10h20o-BC+h=>h2+ch3chco+Ac7h15	2.40E+08		2005.0
	c10h20o-BC+oh=>h2o+ch3chco+Ac7h15	1.20E+06	2.0	-1192.0
7990.	c10h20o-BC+ho2=>h2o2+ch3chco+Ac7h15	1.00E+04	2.5	9400.0
7991.	c10h20o-CD+h=>h2+c2h5coc2h3+Ac5h11	2.40E+08	1.5	2005.0
7992.	c10h20o-CD+oh=>h2o+c2h5coc2h3+Ac5h11	1.20E+06	2.0	-1192.0
	c10h20o-CD+ho2=>h2o2+c2h5coc2h3+Ac5h11	1.00E+04	2.5	9400.0
	c10h20o-CD+h=>h2+ch3+c2h3coc6h13	2.40E+08	1.5	2005.0
	c10h20o-CD+oh=>h2o+ch3+c2h3coc6h13	1.20E+06	2.0	-1192.0
7996.	c10h20o-CD+ho2=>h2o2+ch3+c2h3coc6h13	1.00E+04	2.5	9400.0
7997.	c10h20o-DE+h=>h2+c2h3coc3h7+pc4h9	2.40E+08	1.5	2005.0
7998.	c10h20o-DE+oh=>h2o+c2h3coc3h7+pc4h9	1.20E+06	2.0	-1192.0
7999.	c10h20o-DE+ho2=>h2o2+c2h3coc3h7+pc4h9	1.00E+04	2.5	9400.0
	c10h20o-DE+h=>h2+c2h5+c2h3coc5h11	2.40E+08	1.5	2005.0
	c10h20o-DE+oh=>h2o+c2h5+c2h3coc5h11	1.20E+06	2.0	-1192.0
	c10h20o-DE+ho2=>h2o2+c2h5+c2h3coc5h11	1.00E+04	2.5	9400.0
	c10h20o-EF+h=>h2+c2h3coc4h9+nc3h7	4.80E+08	1.5	2005.0
8004.	c10h20o-EF+oh=>h2o+c2h3coc4h9+nc3h7	2.40E+06	2.0	-1192.0
8005.	c10h20o-EF+ho2=>h2o2+c2h3coc4h9+nc3h7	1.00E+04	2.5	9400.0
8006.	c10h20o-AC+h=>h2+c9h18-1+hco	4.80E+08	1.5	2785.0
	c10h20o-AC+oh=>h2o+c9h18-1+hco	2.40E+06	2.0	-1192.0
	c10h20o-AC+ho2=>h2o2+c9h18-1+hco	2.50E+04	2.5	11605.0
	c10h20o-AC+h=>h2+c2h4+c7h15co	2.40E+08	1.5	2005.0
	c10h20o-AC+oh=>h2o+c2h4+c7h15co	1.20E+06	2.0	-1192.0
8011.	c10h20o-AC+ho2=>h2o2+c2h4+c7h15co	1.00E+04	2.5	9400.0
8012.	c10h20o-BD+h=>h2+ch3co+c8h16-1	2.40E+08	1.5	2005.0
8013.	c10h20o-BD+oh=>h2o+ch3co+c8h16-1	1.20E+06	2.0	-1192.0
	c10h20o-BD+ho2=>h2o2+ch3co+c8h16-1	1.00E+04	2.5	9400.0
	c10h20o-BD+h=>h2+c3h6+c6h13co	2.40E+08	1.5	2005.0
	c10h20o-BD+oh=>h2o+c3h6+c6h13co	1.20E+06	2.0	-1192.0
	c10h20o-BD+ho2=>h2o2+c3h6+c6h13co	1.00E+04	2.5	9400.0
	c10h20o-CE+h=>h2+c7h14-1+c2h5co	2.40E+08	1.5	2005.0
8019.	c10h20o-CE+oh=>h2o+c7h14-1+c2h5co	1.20E+06	2.0	-1192.0
8020.	c10h20o-CE+ho2=>h2o2+c7h14-1+c2h5co	1.00E+04	2.5	9400.0
8021.	c10h20o-CE+h=>h2+c4h8+c5h11co	2.40E+08	1.5	2005.0
8022.	c10h20o-CE+oh=>h2o+c4h8+c5h11co	1.20E+06	2.0	-1192.0
	c10h20o-CE+ho2=>h2o2+c4h8+c5h11co	1.00E+04	2.5	9400.0
	c10h20o-DF+h=>h2+c6h12-1+c3h7co	2.40E+08	1.5	2005.0
	c10h20o-DF+oh=>h2o+c6h12-1+c3h7co	1.20E+06	2.0	-1192.0
	c10h20o-DF+ho2=>h2o2+c6h12-1+c3h7co	1.00E+04	2.5	9400.0
8027.	c10h20o-DF+h=>h2+c5h10+nc4h9co	2.40E+08	1.5	2005.0
8028.	c10h20o-DF+oh=>h2o+c5h10+nc4h9co	1.20E+06	2.0	-1192.0
8029.	c10h20o-DF+ho2=>h2o2+c5h10+nc4h9co	1.00E+04	2.5	9400.0
8030.	c10h20o-AD+h=>h2+c2h4+nc6h13coch2	4.80E+08	1.5	2785.0
	c10h20o-AD+oh=>h2o+c2h4+nc6h13coch2	2.40E+06	2.0	-1192.0
	c10h20o-AD+ho2=>h2o2+c2h4+nc6h13coch2	2.50E+04	2.5	11605.0
	c10h20o-AD+h=>h2+c8h16-1+ch2hco	2.40E+08	1.5	2005.0
	c10h20o-AD+oh=>h2o+c8h16-1+ch2hco	1.20E+06	2.0	-1192.0
8035.	c10h20o-AD+ho2=>h2o2+c8h16-1+ch2hco	1.00E+04	2.5	9400.0
8036.	c10h20o-BE+h=>h2+c7h14-1+ch2coch3	2.40E+08	1.5	2005.0
8037.	c10h20o-BE+oh=>h2o+c7h14-1+ch2coch3	1.20E+06	2.0	-1192.0
8038.	c10h20o-BE+ho2=>h2o2+c7h14-1+ch2coch3	1.00E+04	2.5	9400.0
	c10h20o-BE+h=>h2+c3h6+nc5h11coch2	2.40E+08	1.5	2005.0
	c10h20o-BE+oh=>h2o+c3h6+nc5h11coch2	1.20E+06	2.0	-1192.0
	c10h20o-BE+ho2=>h2o2+c3h6+nc5h11coch2	1.00E+04	2.5	9400.0
	c10h20o-CF+h=>h2+c6h12-1+c2h5coch2	2.40E+08	1.5	2005.0
	c10h20o-CF+oh=>h2o+c6h12-1+c2h5coch2	1.20E+06	2.0	-1192.0
8044.	c10h20o-CF+ho2=>h2o2+c6h12-1+c2h5coch2	1.00E+04	2.5	9400.0
8045.	c10h20o-CF+h=>h2+c4h8+nc4h9coch2	2.40E+08	1.5	2005.0
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8046.	c10h20o-CF+oh=>h2o+c4h8+nc4h9coch2	1.20E+06	2.0	-1192.0
8047.	c10h20o-CF+ho2=>h2o2+c4h8+nc4h9coch2	1.00E+04	2.5	9400.0
	c10h20o-DG+h=>h2+c5h10+nc3h7coch2	4.80E+08	1.5	2005.0
	c10h20o-DG+oh=>h2o+c5h10+nc3h7coch2		2.0	
		2.40E+06		-1192.0
	c10h20o-DG+ho2=>h2o2+c5h10+nc3h7coch2	4.00E+12	0.0	13260.0
8051.	c10h20o-AE+h=>h2+c7h14-1+ch2ch2hco	4.80E+08	1.5	2785.0
8052.	c10h20o-AE+oh=>h2o+c7h14-1+ch2ch2hco	2.40E+06	2.0	-1192.0
8053.	c10h20o-AE+ho2=>h2o2+c7h14-1+ch2ch2hco	2.50E+04	2.5	11605.0
	c10h20o-AE+h=>h2+c2h4+nc5h11coc2h4p	2.40E+08	1.5	2005.0
	c10h20o-AE+oh=>h2o+c2h4+nc5h11coc2h4p	1.20E+06	2.0	-1192.0
	c10h20o-AE+ho2=>h2o2+c2h4+nc5h11coc2h4p	1.00E+04	2.5	9400.0
8057.	c10h20o-BF+h=>h2+Fc10h19oB	2.40E+08	1.5	2005.0
8058.	c10h20o-BF+oh=>h2o+Fc10h19oB	1.20E+06	2.0	-1192.0
	c10h20o-BF+ho2=>h2o2+Fc10h19oB	1.00E+04	2.5	9400.0
	c10h20o-BF+h=>h2+c3h6+nc4h9coc2h4p	2.40E+08	1.5	2005.0
	c10h20o-BF+oh=>h2o+c3h6+nc4h9coc2h4p	1.20E+06	2.0	-1192.0
8062.	c10h20o-BF+ho2=>h2o2+c3h6+nc4h9coc2h4p	1.00E+04	2.5	9400.0
8063.	c10h20o-CG+h=>h2+Gc10h19oC	2.40E+08	1.5	2005.0
8064.	c10h20o-CG+oh=>h2o+Gc10h19oC	1.20E+06	2.0	-1192.0
	c10h20o-CG+ho2=>h2o2+Gc10h19oC	1.00E+04	2.5	9400.0
	c10h20o-CG+h=>h2+c4h8+nc3h7coc2h4p	2.40E+08	1.5	2005.0
	c10h20o-CG+oh=>h2o+c4h8+nc3h7coc2h4p	1.20E+06	2.0	-1192.0
	c10h20o-CG+ho2=>h2o2+c4h8+nc3h7coc2h4p	1.00E+04	2.5	9400.0
8069.	ch3coc2h4p+c6h12-1=Fc10h19oB	1.32E+04	2.5	6130.0
8070.	nc3h7+ch3coc5h9-1=Fc10h19oB	1.32E+04	2.5	6130.0
8071.	c2h5coc2h4p+c5h10=Gc10h19oC	1.32E+04	2.5	6130.0
	c2h5+c2h5coc5h9-1=Gc10h19oC	1.32E+04	2.5	6130.0
	c10h20-1+ho2=oh+c10h20o-AB		0.0	14400.0
		1.00E+12		
	c10h20-2+ho2=oh+c10h20o-BC	1.00E+12	0.0	14400.0
	c10h20-3+ho2=oh+c10h20o-CD	1.00E+12	0.0	14400.0
8076.	c10h20-4+ho2=oh+c10h20o-DE	1.00E+12	0.0	14400.0
8077.	c10h20-5+ho2=oh+c10h20o-EF	1.00E+12	0.0	14400.0
8078.	c9h19hco+h=h2+c9h19co	4.00E+13	0.0	4200.0
	c9h19hco+oh=h2o+c9h19co	4.20E+12	0.0	500.0
	c9h19hco+ho2=h2o2+c9h19co	1.20E+12	0.0	10000.0
	c9h19hco+ch3=ch4+c9h19co	2.00E-06	5.6	2500.0
	c9h19hco+c2h5=c2h6+c9h19co	1.30E+12	0.0	8500.0
8083.	c9h19hco+o2=ho2+c9h19co	1.00E+13	0.0	40700.0
8084.	c9h19co+M=co+Ac9h19+M	8.64E+15	0.0	14400.0
8085.	c9h19co+ho2=>co2+oh+Ac9h19	2.00E+13	0.0	0.0
	choch2ch2cho+oh=h2o+choch2ch2co	5.38E+10	0.8	-340.0
	choch2ch2cho+h=h2+choch2ch2co	8.00E+13	0.0	4200.0
	choch2ch2cho+o=oh+choch2ch2co	1.00E+13	0.0	1790.0
	choch2ch2cho+ch3=ch4+choch2ch2co	3.40E+12	0.0	8440.0
8090.	choch2ch2cho+ho2=h2o2+choch2ch2co	5.60E+12	0.0	13600.0
8091.	choch2ch2cho+o2=ho2+choch2ch2co	4.00E+13	0.5	42200.0
8092.	choch2ch2co+M=co+ch2ch2hco+M	8.64E+15	0.0	14400.0
	choch2ch2co+ho2=oh+co2+ch2ch2hco	2.00E+13	0.0	0.0
	nc7h15coch2=Ac7h15+ch2co	1.00E+13	0.0	28000.0
	nc7h15coch2+o2=nc7h15coch2o2	9.00E+18	-2.5	0.0
	nc7h15coch2o2+ho2=nc7h15coch2o2h+o2	2.29E+11	0.0	-1790.0
8097.	nc7h15coch2o2h=nc7h15coch2o+oh	1.50E+16	0.0	42500.0
8098.	ch2o+c7h15co=nc7h15coch2o	1.50E+11	0.0	11900.0
8099.	nc6h13coch2=Ac6h13+ch2co	1.00E+13	0.0	28000.0
	nc6h13coch2+o2=nc6h13coch2o2	9.00E+18	-2.5	0.0
	nc6h13coch2o2+ho2=nc6h13coch2o2h+o2	2.29E+11	0.0	-1790.0
	nc6h13coch2o2h=nc6h13coch2o+oh	1.50E+16	0.0	42500.0
	ch2o+c6h13co=nc6h13coch2o	1.50E+11	0.0	11900.0
	nc5h11coch2=Ac5h11+ch2co	1.00E+13	0.0	28000.0
8105.	nc5h11coch2+o2=nc5h11coch2o2	9.00E+18	-2.5	0.0
8106.	nc5h11coch2o2+ho2=c7h13oBqA+o2	2.29E+11	0.0	-1790.0
	-			

8107.	nc4h9coch2=pc4h9+ch2co	1.00E+13	0.0	28000.0
8108.	nc4h9coch2+o2=nc4h9coch2o2	9.00E+18	-2.5	0.0
8109.	nc4h9coch2o2+ho2=c6h11oBqA+o2	2.29E+11	0.0	-1790.0
8110.	c2h5coc3h6-1=c2h5coch2+c2h4	2.00E+13	0.0	27000.0
8111.	c2h5coc3h6-1+o2=c2h5coc3h6o2-1	9.00E+18	-2.5	0.0
	c2h5coc3h6o2-1+ho2=c6h11oCqF+o2	2.29E+11	0.0	-1790.0
	nc3h7coc2h4p=c3h7co+c2h4	1.55E+17	-1.5	27840.0
	nc3h7coc2h4p+o2=nc3h7coc2h4o2	9.00E+18	-2.5	0.0
	nc3h7coc2h4o2+ho2=c6h11oCqA+o2	2.29E+11	0.0	-1790.0
	nc4h9coc2h4p=nc4h9co+c2h4	1.55E+17	-1.5	27840.0
	nc4h9coc2h4p+o2=nc4h9coc2h4o2	9.00E+18	-2.5	0.0
	nc4h9coc2h4o2+ho2=c7h13oCqA+o2	2.29E+11	0.0	-1790.0
8119.	nc5h11coc2h4p=c5h11co+c2h4	1.55E+17	-1.5	27840.0
8120.	nc5h11coc2h4p+o2=nc5h11coc2h4o2	9.00E+18	-2.5	0.0
8121.	nc5h11coc2h4o2+ho2=nc5h11coc2h4o2h+o2	2.29E+11	0.0	-1790.0
	nc5h11coc2h4o2h=nc5h11coc2h4o+oh	1.50E+16	0.0	42500.0
	ch2o+nc5h11coch2=nc5h11coc2h4o	1.50E+11	0.0	11900.0
	nc6h13coc2h4p=c6h13co+c2h4	1.55E+17	-1.5	27840.0
	nc6h13coc2h4p+o2=nc6h13coc2h4o2	9.00E+18	-2.5	0.0
	nc6h13coc2h4o2+ho2=nc6h13coc2h4o2h+o2	2.29E+11	0.0	
				-1790.0
	nc6h13coc2h4o2h=nc6h13coc2h4o+oh	1.50E+16	0.0	42500.0
	ch2o+nc6h13coch2=nc6h13coc2h4o	1.50E+11	0.0	11900.0
	nc3h7coc3h6-1=nc3h7coch2+c2h4	2.00E+13	0.0	27000.0
8130.	nc3h7coc3h6-1+o2=nc3h7coc3h6o2-1	9.00E+18	-2.5	0.0
8131.	nc3h7coc3h6o2-1+ho2=c7h13oDqA+o2	2.29E+11	0.0	-1790.0
8132.	c2h4+nc4h9coch2=nc4h9coc3h6-1	1.32E+04	2.5	6130.0
8133.	nc4h9coc3h6-1+o2=nc4h9coc3h6o2-1	9.00E+18	-2.5	0.0
	nc4h9coc3h6o2-1+ho2=nc4h9coc3h6o2h-1+o2	2.29E+11	0.0	-1790.0
	nc4h9coc3h6o2h-1=nc4h9coc3h6o-1+oh	1.50E+16	0.0	42500.0
	ch2o+nc4h9coc2h4p=nc4h9coc3h6o-1	1.50E+11	0.0	11900.0
	c2h4+nc5h11coch2=nc5h11coc3h6-1	1.32E+04	2.5	6130.0
	nc5h11coc3h6-1+o2=nc5h11coc3h6o2-1	9.00E+18	-2.5	0.0
	nc5h11coc3h6o2-1+ho2=npecoc3h6o2h-1+o2	2.29E+11	0.0	-1790.0
	npecoc3h6o2h-1=nc5h11coc3h6o-1+oh	1.50E+16	0.0	42500.0
	ch2o+nc5h11coc2h4p=nc5h11coc3h6o-1	1.50E+11	0.0	11900.0
	ch3coc5h9-1+oh=ch2coc5h9-1+h2o	5.10E+11	0.0	1192.0
8143.	ch3coc5h9-1+ho2=ch2coc5h9-1+h2o2	2.38E+04	2.5	14690.0
8144.	ch3coc5h9-1+h=ch2coc5h9-1+h2	9.30E+12	0.0	6357.0
8145.	ch3coc5h9-1+oh=ch3coc5h8-15+h2o	8.45E+11	0.0	-228.0
8146.	ch3coc5h9-1+ho2=ch3coc5h8-15+h2o2	2.00E+11	0.0	8698.0
	ch3coc5h9-1+h=ch3coc5h8-15+h2	4.46E+06	2.0	3200.0
	ch3coc5h9-1+oh=ch3coc5h8-13+h2o	4.19E+06	2.0	-543.0
	ch3coc5h9-1+ho2=ch3coc5h8-13+h2o2	1.00E+11	0.0	17060.0
	ch3coc5h9-1+h=ch3coc5h8-13+h2	6.55E+12	0.0	4445.0
	ch2co+Ec5h9-1=ch2coc5h9-1	3.33E+10	0.0	6397.0
	mvk+ac3h5=ch3coc5h8-15	8.80E+03	2.5	6130.0
	c4h6+ch2coch3=ch3coc5h8-13	1.32E+04	2.5	6130.0
	c2h5coc5h9-1+oh=sc2h4coc5h9-1+h2o	8.45E+11	0.0	-228.0
	c2h5coc5h9-1+ho2=sc2h4coc5h9-1+h2o2	2.00E+11	0.0	8698.0
8156.	c2h5coc5h9-1+h=sc2h4coc5h9-1+h2	4.46E+06	2.0	3200.0
8157.	c2h5coc5h9-1+oh=c2h5coc5h8-15+h2o	8.45E+11	0.0	-228.0
8158.	c2h5coc5h9-1+ho2=c2h5coc5h8-15+h2o2	2.00E+11	0.0	8698.0
8159.	c2h5coc5h9-1+h=c2h5coc5h8-15+h2	4.46E+06	2.0	3200.0
	c2h5coc5h9-1+oh=c2h5coc5h8-13+h2o	4.19E+06	2.0	-543.0
	c2h5coc5h9-1+ho2=c2h5coc5h8-13+h2o2	1.00E+11	0.0	17060.0
	c2h5coc5h9-1+h=c2h5coc5h8-13+h2	6.55E+12	0.0	4445.0
	ch3chco+Ec5h9-1=sc2h4coc5h9-1	3.33E+10		
			0.0	6397.0
	c2h5coc2h3+ac3h5=c2h5coc5h8-15	8.80E+03	2.5	6130.0
	c4h6+c2h5coch2=c2h5coc5h8-13	1.32E+04	2.5	6130.0
	c2h3coc3h7+oh=c2h3coc3h6-3+h2o	8.45E+11	0.0	-228.0
8167.	c2h3coc3h7+ho2=c2h3coc3h6-3+h2o2	2.00E+11	0.0	8698.0

8168.	c2h3coc3h7+h=c2h3coc3h6-3+h2	4.46E+06	2.0	3200.0
8169.	c2h3coc3h7+oh=c2h3coc3h6-2+h2o	3.16E+07	1.6	-247.0
8170.	c2h3coc3h7+ho2=c2h3coc3h6-2+h2o2	5.60E+12	0.0	17700.0
8171.	c2h3coc3h7+h=c2h3coc3h6-2+h2	1.30E+06	2.4	4471.0
8172.	divinket+ch3=c2h3coc3h6-3	1.32E+04	2.5	6130.0
8173.	c3h6+c2h3co=c2h3coc3h6-2	1.00E+11	0.0	7800.0
8174.	c2h3coc4h9+oh=c2h3coc4h8-4+h2o	8.45E+11	0.0	-228.0
8175.	c2h3coc4h9+ho2=c2h3coc4h8-4+h2o2	2.00E+11	0.0	8698.0
8176.	c2h3coc4h9+h=c2h3coc4h8-4+h2	4.46E+06	2.0	3200.0
8177.	c2h3coc4h9+oh=c2h3coc4h8-3+h2o	3.16E+07	1.6	-247.0
8178.	c2h3coc4h9+ho2=c2h3coc4h8-3+h2o2	5.60E+12	0.0	17700.0
8179.	c2h3coc4h9+h=c2h3coc4h8-3+h2	1.30E+06	2.4	4471.0
8180.	divinket+c2h5=c2h3coc4h8-4	1.32E+04	2.5	6130.0
8181.	c4h8+c2h3co=c2h3coc4h8-3	1.00E+11	0.0	7800.0
8182.	c2h3coc5h11+oh=c2h3coc5h10-5+h2o	8.45E+11	0.0	-228.0
8183.	c2h3coc5h11+ho2=c2h3coc5h10-5+h2o2	2.00E+11	0.0	8698.0
8184.	c2h3coc5h11+h=c2h3coc5h10-5+h2	4.46E+06	2.0	3200.0
8185.	c2h3coc5h11+oh=c2h3coc5h10-4+h2o	3.16E+07	1.6	-247.0
8186.	c2h3coc5h11+ho2=c2h3coc5h10-4+h2o2	5.60E+12	0.0	17700.0
8187.	c2h3coc5h11+h=c2h3coc5h10-4+h2	1.30E+06	2.4	4471.0
8188.	divinket+nc3h7=c2h3coc5h10-5	1.32E+04	2.5	6130.0
8189.	c5h10+c2h3co=c2h3coc5h10-4	1.00E+11	0.0	7800.0
8190.	c2h3coc6h13+oh=c2h3coc6h12-6+h2o	8.45E+11	0.0	-228.0
8191.	c2h3coc6h13+ho2=c2h3coc6h12-6+h2o2	2.00E+11	0.0	8698.0
8192.	c2h3coc6h13+h=c2h3coc6h12-6+h2	4.46E+06	2.0	3200.0
8193.	c2h3coc6h13+oh=c2h3coc6h12-5+h2o	3.16E+07	1.6	-247.0
8194.	c2h3coc6h13+ho2=c2h3coc6h12-5+h2o2	5.60E+12	0.0	17700.0
8195.	c2h3coc6h13+h=c2h3coc6h12-5+h2	1.30E+06	2.4	4471.0
8196.	divinket+pc4h9=c2h3coc6h12-6	1.32E+04	2.5	6130.0
8197.	c6h12-1+c2h3co=c2h3coc6h12-5	1.00E+11	0.0	7800.0
8198.	ch3chco+oh=c2h5+co2	1.73E+12	0.0	-1010.0
8199.	ch3chco+oh=ch3choh+co	2.00E+12	0.0	-1010.0
8200.	ch3chco+h=c2h5+co	4.40E+12	0.0	1459.0
8201.	ch3chco+o=ch3hco+co	3.20E+12	0.0	-437.0
8202.	hoco+m=co2+h+m	1.49E+14	0.1	36463.0
8203.	c10h21qA+phch2=c10h21qjA+toluen	1.05E+11	0.0	9500.0
8204.	c10h21qB+phch2=c10h21qjB+toluen	1.05E+11	0.0	9500.0
	c10h21qC+phch2=c10h21qjC+toluen	1.05E+11	0.0	9500.0
	c10h21qD+phch2=c10h21qjD+toluen	1.05E+11	0.0	9500.0
	c10h21qE+phch2=c10h21qjE+toluen	1.05E+11	0.0	9500.0
	c6e5oAo4+oh=c6e5oyAo4+h2o	2.30E+10	0.7	-1100.0
	c6e5oAo4+h=c6e5oyAo4+h2	4.10E+09	1.2	2405.0
	c6e5oAo4+ho2=c6e5oyAo4+h2o2	3.00E+12	0.0	12000.0
	c6e5oAo4+ch3=c6e5oyAo4+ch4	7.60E+00	3.4	3740.0
	c6e5oAo4+o2=c6e5oyAo4+ho2	3.00E+13	0.0	39200.0
	c6e5oyAo4=c2h3coc2h4+co	2.00E+13	0.0	28700.0
	c6e5oyAo4+ho2=>c2h3coc2h4+co2+oh	2.00E+13	0.0	0.0
	MeEc8oDoIrA=pchoEojI	1.00E+08	0.9	5900.0
	c2h4+MeCc6oBoGrA=MeEc8oDoIrA	3.30E+11	0.0	7200.0
8217.	ch2co+Bc5oA=MeCc6oBoGrA	2.11E+11	0.0	7350.0

NOTE: A units mole-cm-sec-K, E units cal/mole

NO ERRORS FOUND ON INPUT...CHEMKIN LINKING FILE WRITTEN.

WORKING SPACE REQUIREMENTS ARE

INTEGER: 166697 REAL: 131966 CHARACTER: 2190 THERMO 300.000 1000.000 5000.000 ! Base C0

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      0.29914200E + 01 \quad 0.70006000E - 03 - 0.56340000E - 07 - 0.92300000E - 11 \quad 0.15800000E - 14 \quad 0.158000000E - 14 \quad 0.15800000E - 14 \quad 0.158000000E - 14 \quad 0.15800000E - 14 \quad 0.158000000E - 14 \quad 0.158000000E - 14 \quad 0.158000000E - 14 \quad 0.15800000E - 14 \quad 0.158000000E - 14 \quad 0.158
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 -0.94750000E-10 \quad 0.41349000E-12-0.10125000E+04-0.32940000E+01
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      3.66096083E + 00 \quad 6.56365523E - 04 - 1.41149485E - 07 \quad 2.05797658E - 11 - 1.29913248E - 15 \quad 2.05797658E - 11 - 1.29913248E - 11 - 1.299148E - 11 - 1.299148E - 11 - 1.29918E - 
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 -1.21597725E+03 \quad 3.41536184E+00 \quad 3.78245636E+00-2.99673415E-03 \quad 9.84730200E-06
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       0.25000000E+01 0.00000000E+00 0.00000000E+00 0.00000000E+00 0.0000000E+00
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       0.25471600E+05-0.46000000E+00 0.25000000E+01 0.00000000E+00 0.0000000E+00
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       0.0000000E+00 0.0000000E+00 0.25471600E+05-0.46000000E+00
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       0.25420600E+01-0.27550000E-04-0.31000000E-08 0.45500000E-11-0.44000000E-15
       0.29230800E+05 0.49200000E+01 0.29464300E+01-0.16381700E-02 0.24210300E-05
 -0.16028400E-08 0.38907000E-12 0.29147600E+05 0.29640000E+01
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       2.83853033E+00 1.10741289E-03-2.94000209E-07 4.20698729E-11-2.42289890E-15
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       3.69780808E+03 5.84494652E+00 3.99198424E+00-2.40106655E-03 4.61664033E-06
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 -3.87916306E-09 1.36319502E-12 3.36889836E+03-1.03998477E-01 4.48613328E+03
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      0.40721900E+01 0.21313000E-02-0.53081000E-06 0.61120000E-10-0.28400000E-14
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 -0.158000000E+03 0.34760000E+01 0.29799600E+01 0.49967000E-02-0.37910000E-05
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      0.23541900E-08-0.80890000E-12 0.17620000E+03 0.92230000E+01
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      0.26721500E + 01 \quad 0.30562900E - 02 - 0.87303000E - 06 \quad 0.12010000E - 09 - 0.63900000E - 14 \\ 0.30562900E - 02 - 0.87303000E - 06 \quad 0.12010000E - 09 - 0.63900000E - 14 \\ 0.30562900E - 02 - 0.87303000E - 06 \quad 0.12010000E - 09 - 0.63900000E - 14 \\ 0.30562900E - 02 - 0.87303000E - 06 \quad 0.12010000E - 09 - 0.63900000E - 14 \\ 0.30562900E - 02 - 0.87303000E - 06 \quad 0.12010000E - 09 - 0.63900000E - 14 \\ 0.30562900E - 0.0000E - 0
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 -0.29899200E+05 0.68630000E+01 0.33868400E+01 0.34749800E-02-0.63547000E-05
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      0.69685800E - 08 - 0.25065900E - 11 - 0.30208100E + 05 0.25900000E + 01
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      0.45731700E + 01 \quad 0.43361400E - 02 - 0.14746900E - 05 \quad 0.23489000E - 09 - 0.14320000E - 13 - 0.0000E -
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 -0.18007000E + 05 \ 0.50100000E + 00 \ 0.33887500E + 01 \ 0.65692300E - 02 - 0.14850000E - 06 \ 0.65692300E - 00 \ 0.00000E - 00 \ 0.0000E - 00 \ 0.00000E -
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 -0.46258100E-08 0.24715100E-11-0.17663100E+05 0.67850000E+01
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      0.29266400E + 01 \quad 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14 \\ 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14 \\ 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14 \\ 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14 \\ 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14 \\ 0.14879800E - 0.0000E - 0
 -0.92280000E + 03 \quad 0.59810000E + 01 \quad 0.32986800E + 01 \quad 0.14082400E - 02 - 0.39632200E - 05 \quad 0.0000E + 0.0000E 
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      0.56415100E - 08 - 0.24448500E - 11 - 0.10209000E + 04 0.39500000E + 01
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      0.25000000E+01 \quad 0.00000000E+00 \quad 0.00000000E+00 \quad 0.00000000E+00 \quad 0.00000000E+00
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 -0.74540000E+03 0.43660000E+01 0.25000000E+01 0.00000000E+00 0.00000000E+00
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      0.0000000E+00 0.0000000E+00-0.74540000E+03 0.43660000E+01
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      0.30250800E + 01 \quad 0.14426900E - 02 - 0.56308000E - 06 \quad 0.10186000E - 09 - 0.69100000E - 14 - 0.00000E - 00.00000E - 00.0000E - 00.000E - 00.0000E - 00.0000E - 00.0000E - 00.000E - 00.0000E - 00.0000E - 00.000E - 0
 -0.14268300E+05 0.61080000E+01 0.32624500E+01 0.15119400E-02-0.38817500E-05
      0.55819400E-08-0.24749500E-11-0.14310500E+05 0.48490000E+01
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      0.44536200E+01 0.31401700E-02-0.12784100E-05 0.23940000E-09-0.16690000E-13
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 -0.48967000E+05-0.95500000E+00 0.22757200E+01 0.99220700E-02-0.10409110E-04
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      0.68666900E-08-0.21172800E-11-0.48373100E+05 0.10188000E+02
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ch4
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       0.16834800E+01 0.10237240E-01-0.38751300E-05 0.67856000E-09-0.45030000E-13
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-0.10080800E + 05 0.96230000E + 01 0.77874000E + 00 0.17476680E - 01 - 0.27834090E - 04
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      0.30497080E-07-0.12239310E-10-0.98252000E+04 0.13722000E+02
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       0.28440500E+01 0.61379700E-02-0.22303500E-05 0.37852000E-09-0.24520000E-13
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       0.16437800E+05 0.54530000E+01 0.24304400E+01 0.11124100E-01-0.16802200E-04
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       0.16218290E-07-0.58649500E-11 0.16423800E+05 0.67900000E+01
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       0.36364100E+01 0.19330600E-02-0.16870000E-06-0.10099000E-09 0.18080000E-13
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       0.45341300E+05 0.21565600E+01 0.37622400E+01 0.11598200E-02 0.24896000E-06
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      0.88008000E-09-0.73324000E-12 0.45367900E+05 0.17125800E+01
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       0.35528886E + 01 \quad 0.20667883E - 02 - 0.19141160E - 06 - 0.11046734E - 09 \quad 0.20213496E - 13 \\ 0.20213496 - 13 \\ 0.20213496 - 13 \\ 0.20213496 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.2021349 - 13 \\ 0.202149 - 13 \\ 0.202149 - 13 \\ 0.202149 - 13 \\ 0.202149 - 13 \\ 0.202149
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       0.49849754E+05 0.16865700E+01 0.39712651E+01-0.16990888E-03 0.10253689E-05
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      0.24925508 \\ E-08-0.19812663 \\ E-11 \\ 0.49893676 \\ E+05 \\ 0.57532072 \\ E-01 \\
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       0.21962200E + 01 \quad 0.23403800E - 02 - 0.70582000E - 06 \quad 0.90080000E - 10 - 0.38600000E - 14 - 0.00000E - 10 - 0.0000E - 10 - 0.0000E - 10 - 0.00000E - 10 - 0.0000E - 10 - 0.000E - 10 - 0.000E
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       0.70867200E+05 0.91780000E+01 0.32002000E+01 0.20728800E-02-0.51344300E-05
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      0.57338900E-08-0.19555300E-11 0.70452600E+05 0.33320000E+01
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       0.26020990E+01-0.17871001E-03 0.90870009E-07-0.11500002E-10 0.33000006E-15
       0.85421500E+05 0.41950000E+01 0.24998580E+01 0.80860004E-04-0.26977003E-06
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       0.30407004E-09-0.11066002E-12 0.85458800E+05 0.47530000E+01
ch3oh
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       0.40290600E+01 0.93765900E-02-0.30502500E-05 0.43588000E-09-0.22250000E-13
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-0.26157900E+05 0.23780000E+01 0.26601200E+01 0.73415100E-02 0.71700500E-05
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-0.87931900E-08 0.23905700E-11-0.25353500E+05 0.11233000E+02
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       0.37708000E+01 0.78715000E-02-0.26563800E-05 0.39444000E-09-0.21130000E-13
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      0.12780000E+03 0.29300000E+01 0.21062000E+01 0.72166000E-02 0.53384700E-05
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-0.73776400E-08 0.20756100E-11 0.97860000E+03 0.13152000E+02
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      5.87492023E + 00 \quad 4.90306661E - 03 - 1.63365829E - 06 \quad 2.69287253E - 10 - 1.67785355E - 14 - 1.67785355E - 10 - 1.6778535E - 10 - 1.67785355E - 10 - 1.6778535E - 10 - 1.6778535E - 10 - 1.677855E - 10 - 1.677855E - 10 - 1.677855E - 10 - 1.677855E - 10 - 1.67785E - 10 - 1.07785E - 10 - 1.07785E - 10 - 1.07785E -
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-4.53368423E + 03 - 6.40569428E + 00 \quad 2.61996500E + 00 \quad 1.26872510E - 02 - 8.90436910E - 06 \quad 1.26872510E - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 10
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      3.42665195E-09-5.51810469E-13-3.41179550E+03 1.10272906E+01
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      0.29956100E + 01 \quad 0.66813200E - 02 - 0.26289500E - 05 \quad 0.47372000E - 09 - 0.32130000E - 13 - 0.0000E -
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-0.15320400E + 05 \quad 0.69130000E + 01 \quad 0.16527300E + 01 \quad 0.12631440E - 01 - 0.18881680E - 04 \quad 0.16527300E + 01 \quad 0.18881680E - 04 \quad 0.18881680E - 0.188881680E - 0.18881680E - 0.18881680E - 0.18881680E - 0.188881680E - 0.1888
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      0.20500310E-07-0.84132400E-11-0.14865400E+05 0.13785000E+02
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       0.35572700E + 01 \quad 0.33455700E - 02 - 0.13350100E - 05 \quad 0.24706000E - 09 - 0.17140000E - 13000E - 1
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       0.39163000E+04 0.55520000E+01 0.28983300E+01 0.61991500E-02-0.96230800E-05
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       0.10898250E-07-0.45748900E-11 0.41599000E+04 0.89840000E+01
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       0.80089150E + 01 \quad 0.54692410E - 02 - 0.12433920E - 05 \quad 0.14918130E - 09 - 0.76185330E - 14918130E - 09 - 0.76185330E - 1491812E - 0.7618E - 0.7
-0.11378690E + 04 - 0.16874040E + 02 \quad 0.17353390E + 01 \quad 0.22200340E - 01 - 0.18841460E - 04 \quad 0.18841460E - 0.1
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      0.95013140E-08-0.22172690E-11 0.74007890E+03 0.15965260E+02
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       0.73164230E+01 0.92366200E-02-0.30210870E-05 0.46897720E-09-0.28359530E-13
-0.18810540E + 05 - 0.11466670E + 02 \quad 0.29100540E + 01 \quad 0.19374380E - 01 - 0.10636570E - 04 \quad 0.19374380E - 01 - 0.10636570E - 0.1063670E - 0.1065670E - 0.1065
      0.23534770E-08-0.33023910E-13-0.17404750E+05 0.12014430E+02
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       0.91176840E + 01 \quad 0.27871830E - 02 - 0.52462370E - 06 \quad 0.53504280E - 10 - 0.23907250E - 14 \\ 0.27871830E - 02 - 0.52462370E - 06 \quad 0.53504280E - 10 - 0.23907250E - 14 \\ 0.27871830E - 0.27871830E - 0.27871830E - 0.27871830E - 0.53504280E - 10 - 0.23907250E - 14 \\ 0.27871830E - 0.27871840E - 0
-0.43973150E + 05 - 0.19574780E + 02 \quad 0.26673050E + 01 \quad 0.21311320E - 01 - 0.20434550E - 04 - 0.20434550E - 0.2043450E - 0.204450E - 0.20450E - 0.204450E - 0.204450E - 0.20450E - 0
      0.98506450E-08-0.19626470E-11-0.42205430E+05 0.13638040E+02
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      0.85022780E+01 0.67543840E-02-0.26766570E-05 0.49413330E-09-0.34278630E-13
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-0.69682190E + 05 - 0.16151440E + 02 0.41700850E + 01 0.15797880E - 01 - 0.44609940E - 05
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-0.66219210E-08 0.41548100E-11-0.68335760E+05 0.69477160E+01
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      9.87503878e + 00 \ 4.64663708e - 03 - 1.67230522e - 06 \ 2.68624413e - 10 - 1.59595232e - 14
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-3.80502496e + 04 - 2.24939155e + 01 \quad 2.42464726e + 00 \quad 2.19706380e - 02 - 1.68705546e - 05 \quad 2.42464726e + 00 \quad 2.19706380e - 02 - 1.68705546e - 05 \quad 2.42464726e + 00 \quad 2.42464726
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6.25612194e-09-9.11645843e-13-3.54828006e+04 1.75027796e+01
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      7.24075139e + 00 \quad 4.63312951e - 03 - 1.63693995e - 06 \quad 2.59706693e - 10 - 1.52964699e - 14
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-1.87027618e + 04 - 6.49547212e + 00 3.96059309e + 00 1.06002279e - 02 - 5.25713351e - 06
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     1.01716726e-09-2.87487602e-14-1.73599383e+04 1.17807483e+01
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-2.17698466e + 04 - 8.01574694e + 00 \ 1.35213452e + 00 \ 1.50082004e - 02 - 1.09896141e - 05 \ 1.09896141
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      3.73679840e - 09 - 4.81014498e - 13 - 2.02253647e + 04\ 1.74373147e + 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
                                                            4/ 9/98 thermc 1h 3o 2 0g
                                                                                                                                                                                                                                                                                                           300.000 5000.000 1452.000
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     6.39521515e + 00 \quad 7.43673043e - 03 - 2.50422354e - 06 \quad 3.84879712e - 10 - 2.21778689e - 14 - 2.2178696e - 14 - 2.2178669e - 14 - 2.21786666e - 2.2178666e - 2.21786666e - 2.2178666e - 2.2178666e - 2.2178666e - 2.2178666e - 2.2178666e - 2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
-2.25557758e + 04 - 6.63865583e + 00 \quad 4.11183145e + 00 \quad 7.53850697e - 03 \quad 3.77337370e - 06 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 7.53850697e - 00 \quad 3.77337370e - 00 \quad 4.11183145e + 00 \quad 4.111846e + 00 \quad 4.11186e + 00 \quad 4.11186e + 00 \quad 4.1186e + 00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
-5.38746005e-09 1.45615887e-12-2.12471918e+04 7.46807254e+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
                                                            4/ 9/98 thermc 1h 2o 2 0g 300.000 5000.000 1376.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11
      2
-4.83995400 \\ e+04-1.13104798 \\ e+01 \ 1.43548185 \\ e+00 \ 1.63363016 \\ e-02-1.06257421 \\ e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      3.32132977e-09-4.02176103e-13-4.64616504e+04\ 1.72885798e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
! Base c2
c2h6
                                                                                                                                                                                   2h
                                                                                                                                                                                                            60
                                                                                                                                                                                                                                                  00
                                                                                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                                                                                            300.00
                                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
      0.48259400E + 01 \quad 0.13840430E - 01 - 0.45572600E - 05 \quad 0.67250000E - 09 - 0.35980000E - 13 - 0.0000E -
-0.12717800E + 05 - 0.52400000E + 01 \quad 0.14625400E + 01 \quad 0.15494670E - 01 \quad 0.57805100E - 05 \quad 0.00000E + 01 \quad 0.00000E + 0.00000E + 01 \quad 0.00000E + 01 \quad 0.00000E + 01 \quad 0.00000E + 01 \quad 0.00000E + 0.0000E + 0.00000E + 0.0000E + 0.0000E + 0.00000E + 0.00000E + 0.0000E + 0.00000E + 0.00000E + 0.00000E + 0.00000E + 0.00000E + 0.0000E + 0.00000E + 0
-0.12578320E-07 0.45862700E-11-0.11239200E+05 0.14432000E+02
                                                                                                                   121286c 2h 4
                                                                                                                                                                                                                                                                                      g 0300.00
                                                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
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       0.03528419e+02 0.01148518e+00-0.04418385e-04 0.07844601e-08-0.05266848e-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
      0.04428289e+05 0.02230389e+02-0.08614880e+01 0.02796163e+00-0.03388677e-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      0.02785152e-06-0.09737879e-10 0.05573046e+05 0.02421149e+03
                                                                                                                                                                                                                                                                                     g 0300.00 5000.00 1000.00
                                                                                                                        12387c 2h 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1
      0.07190480e + 02 \ 0.06484077e - 01 - 0.06428065e - 05 - 0.02347879e - 08 \ 0.03880877e - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.
      0.01067455 \\ e+06-0.01478089 \\ e+03 \quad 0.02690702 \\ e+02 \quad 0.08719133 \\ e-01 \quad 0.04419839 \\ e-04 \quad 0.04419839 \\ e-05 \quad 0.04419839 \\ e-06 \quad 0.04419839 \\ e-07 \quad 0.04419839 \\ e-08 \quad 0.04419839 \\ e-09 \quad 0.044199 \\ e-09 \quad 0.04419 \\ e-09 \quad 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      0.09338703e-08-0.03927773e-10 0.01287040e+06 0.01213820e+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                                                                       c 2h 30 00 0G 300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1
      2
       \texttt{0.34468830E+05} \ \ \texttt{0.47227800E+01} \ \ \texttt{0.21388110E+01} \ \ \texttt{0.87182220E-02} \ \ \texttt{0.38589800E-05} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
-0.93659150E-08 0.40104980E-11 0.35079500E+05 0.13419180E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
                                                                                                                                                       c 2h 20 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1
      0.44367700E + 01 \quad 0.53760400E - 02 - 0.19128200E - 05 \quad 0.32864000E - 09 - 0.21570000E - 13 \\ 0.44367700E + 01 \quad 0.53760400E - 02 - 0.19128200E - 05 \quad 0.32864000E - 09 - 0.21570000E - 13 \\ 0.44367700E + 01 \quad 0.53760400E - 02 - 0.19128200E - 05 \quad 0.32864000E - 09 - 0.21570000E - 13 \\ 0.44367700E + 01 \quad 0.53760400E - 02 - 0.19128200E - 05 \quad 0.32864000E - 09 - 0.21570000E - 13 \\ 0.44367700E + 01 \quad 0.53760400E - 02 - 0.19128200E - 05 \quad 0.32864000E - 09 - 0.21570000E - 13 \\ 0.44367700E + 0.0000E - 0.000
      0.25667700E + 05 - 0.28000000E + 01 \quad 0.20135600E + 01 \quad 0.15190450E - 01 - 0.16163190E - 04 \\ 0.25667700E + 05 - 0.28000000E + 01 \quad 0.20135600E + 01 \quad 0.15190450E - 01 - 0.16163190E - 04 \\ 0.25667700E + 0.280000000E + 0.16163190E - 0.16164190E - 0.16163190E - 0.16164190E - 0.161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      0.90789900E - 08 - 0.19127500E - 11 \quad 0.26124400E + 05 \quad 0.88050000E + 01
                                                                                                                                                         c 2h 10 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
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       0.44276900E + 01 \quad 0.22162700E - 02 - 0.60490000E - 06 \quad 0.98830000E - 10 - 0.73500000E - 14 - 0.00000E - 10 - 0.0000E - 10 - 0.000E - 10 - 0.0000E - 10 - 0.000E - 10 - 0.000E - 10 - 0.000E - 10 - 0.0
       0.65904100E+05-0.11990000E+01 0.30506700E+01 0.60516700E-02-0.49566300E-05
      0.28041600E-08-0.81933000E-12 0.66300100E+05 0.59540000E+01
                                                                                                                                                         c 20 00
                                                                                                                                                                                                                                               00
                                                                                                                                                                                                                                                                          0G 300.00
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       0.04135978E+02 0.06531618E-03 0.01837099E-05-0.05295085E-09 0.04712137E-13
       0.09967272E+06 0.07472923E+01 0.06996045E+02-0.07400601E-01 0.03234703E-04
      0.04802535E-07-0.03295917E-10 0.09897487E+06-0.13862268E+02
                                                                                                                                                                                                                                            00 OG 300.00
                                                                                                                                                         c 20
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       0.48498100E+01 0.29475900E-02-0.10907300E-05 0.17926000E-09-0.11160000E-13
       0.32820600E+05-0.64500000E+00 0.33688500E+01 0.82418000E-02-0.87651500E-05
      0.55692600E-08-0.15400100E-11 0.33170800E+05 0.67130000E+01
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      0.42557860E+01 0.13486030E-01-0.49183420E-05 0.82515040E-09-0.52694340E-13
-0.22167350E+05 0.29626580E+01 0.26969110E+01 0.12334280E-01 0.56746450E-05
-0.10870700E-07 0.37648250E-11-0.21403140E+05 0.12530480E+02
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                                                                                                                                                         C
     0.51153110E + 01 \quad 0.98613270E - 02 - 0.39464200E - 05 \quad 0.72974800E - 09 - 0.50605210E - 13 \\ 0.51153110E + 01 \quad 0.98613270E - 02 - 0.39464200E - 05 \quad 0.72974800E - 09 - 0.50605210E - 13 \\ 0.51153110E + 01 \quad 0.98613270E - 02 - 0.39464200E - 05 \quad 0.72974800E - 09 - 0.50605210E - 13 \\ 0.51153110E + 01 \quad 0.98613270E - 02 - 0.39464200E - 05 \quad 0.72974800E - 09 - 0.50605210E - 13 \\ 0.51153110E + 01 \quad 0.98613270E - 02 - 0.39464200E - 05 \quad 0.72974800E - 09 - 0.50605210E - 13 \\ 0.51153110E + 0.00605210E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.
-0.35811130E + 04 - 0.90078660E + 00 0.63079430E + 01 - 0.12387940E - 01 0.58094930E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
-0.63043300E-07 0.22737730E-10-0.29439700E+04-0.23500130E+01
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ch3co3 12/ 1/99 thermc
                                                                                                                                                                                   2h 3o 3 0g 300.000 5000.000 1391.000
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1.12522498E+01 8.33652672E-03-2.89014530E-06 4.52781734E-10-2.64354456E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.
 -2.60238584E+04-2.96370457E+01 3.60373432E+00 2.70080341E-02-2.08293438E-05
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       8.50541104E-09-1.43846110E-12-2.34205171E+04 1.12014914E+01
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                                                                12/ 1/99 thermc
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       1.37322713E + 01 \quad 8.48685152E - 03 - 2.97384001E - 06 \quad 4.69349388E - 10 - 2.75478312E - 14 \quad 4.6934938E - 10 - 2.75478312E - 14 \quad 4.693493E - 10 - 2.75478312E - 10 \quad 4.693493E - 10 - 2.75478312E - 10 \quad 4.693493E - 10 - 2.754788E - 10 - 2.754788E - 10 - 2.75478E - 10 - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
 -4.41488006E + 04 - 4.40518223E + 01 \quad 2.57730860E + 00 \quad 3.61100344E - 02 - 2.93494631E - 05 \quad 3.6110034E - 02 - 2.93494631E - 05 \quad 3.6110034E - 02 - 2.93494631E - 02 - 2.934946464E - 02 - 2.9349464E - 02 - 2.9349464E - 02 - 2.9349464E - 02 - 2.9349464E - 02 - 2.934946E - 02 - 2.93496E - 02 - 2.93496E - 02 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       1.19896814E-08-1.96202348E-12-4.04609764E+04 1.52535301E+01
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                                                                       2/14/95 thermc
 ch3co2
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       2
 -2.97290678e + 04 - 2.03883545e + 01 1.37440768e + 00 2.49115604e - 02 - 1.74308894e - 05
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       6.24799508e-09-9.09516835e-13-2.72330150e+04 1.81405454e+01
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 ch2hco
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       0.62296160E + 01 \quad 0.82942530E - 02 - 0.30009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 05 \quad 0.53016450E - 09 - 0.35879900E - 130009110E - 0.50009110E - 0.5000910E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.95927900E + 03 - 0.66267480E + 01 \quad 0.22223130E + 01 \quad 0.18691380E - 01 - 0.11548250E - 04 \quad 0.18691380E - 01 - 0.11548250E - 0.10548250E - 0.1054820E - 
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       0.18284110E-08 0.82339070E-12 0.20216150E+03 0.14283700E+02
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        0.60388200E+01 0.58048400E-02-0.19209500E-05 0.27945000E-09-0.14590000E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.85834000E + 04 - 0.76580000E + 01 \quad 0.29749700E + 01 \quad 0.12118710E - 01 - 0.23450500E - 05 \quad 0.12118710E - 01 - 0.23450500E - 0.0000E - 0.000
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 -0.64666800E-08 0.39056500E-11-0.76326000E+04 0.86740000E+01
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        0.67580700E+01 0.20004000E-02-0.20276000E-06-0.10411000E-09 0.19650000E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
       3
  -0.14820900E-08 0.22507000E-12 0.19658900E+05 0.48200000E+00
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                                                                       2/14/95 ThERMc
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ch3co2
       8.54059736E+00 \quad 8.32951214E-03-2.84722010E-06 \quad 4.41927196E-10-2.56373394E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -2.97290678E+04-2.03883545E+01 1.37440768E+00 2.49115604E-02-1.74308894E-05
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       6.24799508E-09-9.09516835E-13-2.72330150E+04 1.81405454E+01
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c2h5oh
                                                                                                                                                         C
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      0.65624365E+01 0.15204222E-01-0.53896795E-05 0.86225011E-09-0.51289787E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.31525621E + 05 - 0.94730202E + 01 \quad 0.48586957E + 01 - 0.37401726E - 02 \quad 0.69555378E - 04 \quad 0.48586957E + 01 - 0.69555378E - 04 \quad 0.69555378E - 0.695568E - 0.695568E - 0.695568E - 0.695568E - 0.69568E - 0.6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
 -0.88654796E-07 0.35168835E-10-0.29996132E+05 0.48018545E+01
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                                                                                                     mar96
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c2h5o
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      2
 -6.13097954e \quad 03-2.13985581e \quad 01-2.71296378e-01 \quad 2.98839812e-02-1.97090548e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       6.37339893e-09-7.77965054e-13-3.16397196e 03 2.47706003e 01
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 ch3choh
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      2.
 -8.62199768e 03-1.90411129e 01 2.10026806e 00 1.92626679e-02-5.17437436e-06
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 -1.96190582e-09 9.36397060e-13-6.12873036e 03 1.40909302e 01
 c2h5o2
                                                                      7/27/98 thermc 2h 5o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.1
       9.15255914e+00 1.24709284e-02-4.27100650e-06 6.63470012e-10-3.85024363e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
 -7.82759319e + 03 - 1.99384891e + 01 \quad 3.25121167e + 00 \quad 2.36765869e - 02 - 1.18477606e - 05 \quad 2.367666e - 02 - 1.18477606e - 05 \quad 2.367666e - 02 - 1.18477606e - 02 - 1.184766e - 02 -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       2.79401564e-09-2.41043601e-13-5.44533068e+03 1.27953147e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                      7/27/98 thermc 2h 6o
                                                                                                                                                                                                                                                    2
                                                                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     31
       1.15361794e+01 1.26680904e-02-4.36302927e-06 6.80516196e-10-3.96092541e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -2.58990676 e + 04 - 3.37584606 e + 01 \ 2.55448138 e + 00 \ 3.13447282 e - 02 - 1.84312866 e - 05 \ 4.00 e + 0.00 e +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
      5.15917791e-09-5.28572992e-13-2.25353676e+04 1.53197322e+01
                                                                                                                                                         C
                                                                                                                                                                                   2h
                                                                                                                                                                                                         40
                                                                                                                                                                                                                                                  10
                                                                                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                                                   300.00
                                                                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
       0.59249200E + 01 \quad 0.11120710E - 01 - 0.37434100E - 05 \quad 0.55414000E - 09 - 0.29550000E - 13 \\ 0.59249200E + 01 \quad 0.11120710E - 01 - 0.37434100E - 05 \quad 0.55414000E - 09 - 0.29550000E - 13 \\ 0.59249200E + 01 \quad 0.11120710E - 01 - 0.37434100E - 05 \quad 0.55414000E - 09 - 0.29550000E - 13 \\ 0.59249200E + 01 \quad 0.11120710E - 01 - 0.37434100E - 05 \quad 0.55414000E - 09 - 0.29550000E - 13 \\ 0.59249200E + 0.59249200E + 0.59249200E - 0.592400E - 0.5924
 -0.93028000E + 04 - 0.93790000E + 01 - 0.24174000E + 00 \ 0.20761100E - 01 \ 0.21481200E - 05 \ 0.20761100E - 01 \ 0.20761100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
 -0.16948160E-07 0.81075800E-11-0.71720000E+04 0.24432000E+02
                                                                                                                                                                                                                 50
                                                                                                                                                                                                                                                                                    0g
                                                                       7/27/98 thermc
                                                                                                                                                                                   2h
                                                                                                                                                                                                                                                    2
                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31
 c2h4o2h
      1.11476965e+01 1.04949968e-02-3.62326819e-06 5.66061229e-10-3.29857328e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -8.35606734e + 02 - 2.87480538e + 01 3.40977031e + 00 2.65939711e - 02 - 1.57408161e - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       4.41132564e-09-4.49209001e-13 2.05874655e+03 1.35264941e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
ho2c2h4o2 2/28/ 9 Shengc
                                                                                                                                                                                  2h 5o
                                                                                                                                                                                                                                              4
                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                   300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      71
       1.78271039E + 01 \quad 8.76828394E - 03 - 3.15540892E - 06 \quad 5.06841213E - 10 - 3.01121708E - 14 \quad 5.06841213E - 10 - 3.01121708E - 10 \quad 5.06841213E - 10 \quad 5.06841218E - 10 \quad 5.068412E - 10 \quad 5.0684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
 -1.96919472E + 04 - 6.26509007E + 01 5.81254906E -01 5.33651264E -02 - 4.78856204E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
        2.10690708E-08-3.65784220E-12-1.41852079E+04 2.83584867E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
ho2ch2cho 2/28/ 9 Shengc
                                                                                                                                                                                  2h 4o 3 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     71
                                                                                                                                                                                                                                                                                                                   300.000 5000.000 1518.000
        1.55413835E+01 5.53187215E-03-2.02058210E-06 3.27757160E-10-1.96051476E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
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-3.53011552E+04-5.19191139E+01 1.32104706E+00 3.95035509E-02-3.18807555E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
     1.16920644E-08-1.58142176E-12-3.06070328E+04 2.39043484E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                          2/28/ 9 Shengc
                                                                                                                                                                                                                                                          300.000 5000.000 1313.000
                                                                                                                                                     2h 4o 2 0
                                                                                                                                                                                                                                                                                                                                                                                                                                  71
 ch2cho2h
      1.29997018E+01 7.04643154E-03-3.11537702E-06 5.71816837E-10-3.72252422E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -1.17951036E+04-4.35697054E+01-5.09003533E+00 5.33597546E-02-4.95761678E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      2.21353583E-08-3.88417588E-12-5.92854672E+03 5.21431058E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                     2h 3N 0o 1G 300.00 5000.00 1000.00
 c2h2oh
                                                                                                                               C
                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.47233350E+01 0.96207300E-02-0.36158930E-05 0.64574520E-09-0.43829560E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
      0..14488110E + 05 \quad 0..29174630E + 01 \quad 0..66247990E + 01 - 0..92478740E - 02 \quad 0..42942900E - 04 \quad 0..42942900E - 0..4294290E - 0..429420E - 0..429420E
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 -0.44577050E-07 0.15587310E-10 0.14680820E+05-0.34617090E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                     2h 2o 10 0G 300.00 4000.00 1000.00
hccoh
                                                                                                                               С
                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      7.32832432E + 00 \quad 3.33641609E - 03 - 3.02470511E - 07 - 1.78110637E - 10 \quad 3.24516787E - 14 \quad 3.2451678E - 14 
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
      7.59825781E+03-1.40121403E+01 3.89946532E+00 9.70107503E-03-3.11930933E-07
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 -5.53773250E-09 2.46573248E-12 8.70119043E+03 4.49187470E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 chocho
                                                                                                                               c 2h 2o 20 0G 300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.80213250E + 01 \quad 0.75729310E - 02 - 0.31166720E - 05 \quad 0.58645500E - 09 - 0.41132260E - 13 \\ 0.80213250E + 01 \quad 0.75729310E - 02 - 0.31166720E - 05 \quad 0.58645500E - 09 - 0.41132260E - 13 \\ 0.80213250E + 01 \quad 0.75729310E - 02 - 0.31166720E - 05 \quad 0.58645500E - 09 - 0.41132260E - 13 \\ 0.80213250E + 01 \quad 0.75729310E - 02 - 0.31166720E - 05 \quad 0.58645500E - 09 - 0.41132260E - 13 \\ 0.80213250E + 0.8021260E - 0.8021260E -
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.28750050E + 05 - 0.16247820E + 02 \quad 0.33600290E + 01 \quad 0.12559770E - 01 \quad 0.10569420E - 04 \quad 0.10569420E - 0.10569420E -
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 -0.24503780E-07 0.11037460E-10-0.27087360E+05 0.97151500E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                               C
                                                                                                                                             2h 1o 20 0G
                                                                                                                                                                                                                                                                300.00
                                                                                                                                                                                                                                                                                                          5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.83591970E + 01 \quad 0.44947090E - 02 - 0.19879570E - 05 \quad 0.38903890E - 09 - 0.27935380E - 13 \\ 0.83591970E + 01 \quad 0.44947090E - 02 - 0.19879570E - 05 \quad 0.38903890E - 09 - 0.27935380E - 13 \\ 0.83591970E + 01 \quad 0.44947090E - 02 - 0.19879570E - 05 \quad 0.38903890E - 09 - 0.27935380E - 13 \\ 0.83591970E + 01 \quad 0.44947090E - 02 - 0.19879570E - 05 \quad 0.38903890E - 09 - 0.27935380E - 13 \\ 0.83591970E - 0.989090E - 0.98900E - 0.989090E - 0.98900E - 0.98900
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.12406730E + 05 - 0.16767200E + 02 \quad 0.76697390E + 01 - 0.12908030E - 01 \quad 0.59528090E - 04 \quad 0.59528090E - 0.59528000E - 0.595280000E - 0.59528000E - 0.595280000E - 0.595280000E - 0.595280000
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 -0.69600430E-07 0.26537680E-10-0.11337010E+05-0.86714600E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                          7/29/ 8 LECoNc 2h 3o
                                                                                                                                                                                                    1
                                                                                                                                                                                                                       OG 300.000 5000.000 1402.000
                                                                                                                                                                                                                                                                                                                                                                                                                                  01
      7.19614156E+00 6.91729576E-03-2.26751545E-06 3.41999671E-10-1.94428148E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
      4.43745124E+03-1.30382088E+01 1.92139180E+00 2.06514815E-02-1.62205965E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      6.85662731E-09-1.18602910E-12 6.12320514E+03 1.47811148E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                      3/12/95 thermc 2h 5o
                                                                                                                                                                                                    1
                                                                                                                                                                                                                            g 0300.00
                                                                                                                                                                                                                                                                                                        5000.00 1391.00
                                                                                                                                                                                                                                                                                                                                                                                                                                       1
pc2h4oh
      7.52241939e+00 1.10492715e-02-3.72576465e-06 5.72827397e-10-3.30061759e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -7.29333590 \\ e+03-1.24958732 \\ e+01 \\ 1.17714711 \\ e+00 \\ 2.48115685 \\ e-02-1.50299503 \\ e-05 \\ e
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
      4.79006785e-09-6.40994211e-13-4.95369043e+03 2.20081586e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                       4
o2c2h4oh 2/14/95 thermc 2h 5o 3 0g 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                  31
     9.22339915e \ 00 \ 1.41346358e - 02 - 4.75283025e - 06 \ 7.28795964e - 10 - 4.18969629e - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -2.35984031e 04-1.53847386e 01 3.58811609e 00 2.99414161e-02-2.35156549e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
     1.12635525e-08-2.28663686e-12-2.17409435e 04 1.42166729e 01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 ! Base C3
                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                          G 0300.00
c3h8
                                                                                                                           0c
                                                                                                                                                     3h
                                                                                                                                                                              8
                                                                                                                                                                                                                                                                                                                                                                                                                                       1
      .54638848E+01 .22160569E-01 -.77296281E-05 .12495476E-08 -.77377605E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -.15629374E+05 \;\; -.62309151E+01 \;\; -.31831896E+00 \;\; .34746405E-01 \;\; -.12885018E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
 -.35057037E-08 .30165358E-11 -.13851594E+05 .24514595E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                          7/29/ 8 LECoNc 3h 7 0 0G 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                  01
      9.56126849E+00 1.38734820E-02-4.60227199E-06 7.24548394E-10-4.30884189E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                       2
      7.26509394E+03-2.65067472E+01-1.01686942E+00 3.94584104E-02-2.87426992E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
     1.12906302E-08-1.84330666E-12 1.08704508E+04 3.00269057E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 ic3h7
                                                           7/29/ 8 LECoNc 3h 7 0
                                                                                                                                                                                                                               OG 300.000 5000.000 1672.000
                                                                                                                                                                                                                                                                                                                                                                                                                                  01
      6.92806640E+00 1.81150194E-02-6.36444997E-06 1.01089141E-09-5.97141538E-14
      7.27878657E+03-1.22422027E+01 4.27330268E-01 2.77455867E-02-8.00320231E-06
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 -1.59250137E-09 8.55006422E-13 9.93578829E+03 2.44622019E+01
                                                           7/29/ 8 LECONG 3h 6
                                                                                                                                                                                                            0
                                                                                                                                                                                                                                      0G 300.000 5000.000 2011.000
      7.37026919E+00 1.49257236E-02-5.19343204E-06 8.19736429E-10-4.82183580E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 -1.37134802E+03-1.63663994E+01 1.74737267E-01 2.92385712E-02-1.43662857E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      2.72840194E-09-4.90818547E-14 1.22586003E+03 2.29598443E+01
ac3h5
                                                            7/29/ 8 LECoNc 3h 5
                                                                                                                                                                                                     0
                                                                                                                                                                                                                                   OG 300.000 5000.000 1378.000
                                                                                                                                                                                                                                                                                                                                                                                                                                  01
      9.75762472E+00 1.00615154E-02-3.40608453E-06 5.25696641E-10-3.03917313E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                        2
      1.48064656E+04-2.86136518E+01 9.73013817E-01 2.81818597E-02-1.62938809E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      3.96194325E-09-2.25704537E-13 1.80449676E+04 1.93302063E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 t.c3h5
                                                                                                                                                     3h 50
                                                                                                                                                                                                          0.0
                                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                                        300.00
                                                                                                                                                                                                                                                                                                                4000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                       1
                                                                                                                                C
      0.09101018E + 02 0.07964167E - 01 - 0.07884945E - 05 - 0.04562036E - 08 0.08529212E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
      0.02670680E + 06 - 0.02150559E + 03 \quad 0.03385811E + 02 \quad 0.14045337E - 01 \quad 0.03204127E - 04 \quad 0.03204127E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                       3
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-0.03824120E-07-0.09053742E-11 0.02909066E+06 0.11266487E+02

4

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sc3h5
                                                                                                                                                                                                                              3h
                                                                                                                                                                                                                                                                     50
                                                                                                                                                                                                                                                                                                             00
                                                                                                                                                                                                                                                                                                                                                    0G
                                                                                                                                                                                                                                                                                                                                                                                              300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                              C
        0.58477490E+01 0.13663110E-01-0.49967060E-05 0.88456350E-09-0.59866940E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
         0.28598090E + 05 - 0.57165180E + 01 \quad 0.24096770E + 01 \quad 0.15250660E - 01 \quad 0.10397290E - 04 \quad 0.10397290E - 0.1039720E - 0.10397290E - 0.1039720E - 0.1039720E - 0.10397290E - 0.103
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.22191280E-07 0.94724950E-11 0.29973540E+05 0.14057150E+02
                                                                                                                                                                                                                              3h 40
pc3h4
                                                                                                                                                                                                                                                                                                   00 OG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                              C
                                                                                                                                                                                                                                                                                                                                                                                   300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         0.60892310E+01 0.11866400E-01-0.46685320E-05 0.85588780E-09-0.59055250E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
         0..19466620E + 05 - 0..93572010E + 01 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 04 \quad 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 0..61101990E + 01 - 0..67416390E - 02 \quad 0..53216180E - 0..61101990E + 0..6
 -0.60988720E-07 0.22487930E-10 0.20406530E+05-0.48582320E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                           5000.00 1000.00
ac3h4
                                                                                                                                                                                              c 3h 40 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         0.63218080E + 01 \quad 0.11755130E - 01 - 0.46546710E - 05 \quad 0.85713520E - 09 - 0.59327540E - 13 \\ 0.63218080E + 01 \quad 0.11755130E - 01 - 0.46546710E - 05 \quad 0.85713520E - 09 - 0.59327540E - 13 \\ 0.63218080E + 01 \quad 0.11755130E - 01 - 0.46546710E - 05 \quad 0.85713520E - 09 - 0.59327540E - 13 \\ 0.63218080E + 01 \quad 0.11755130E - 01 - 0.46546710E - 05 \quad 0.85713520E - 09 - 0.59327540E - 13 \\ 0.632180E - 0.0000E - 0.000E - 0.0000E - 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
        0.19990410E + 05 - 0.11405800E + 02 \quad 0.45453210E + 01 \quad 0.45320690E - 03 \quad 0.41642470E - 04 \quad 0.45320690E - 03 \quad 0.41642470E - 0.45320690E - 0.45453210E + 0.4545420E + 0.454542
 -0.52550230E - 07 \quad 0.20129320E - 10 \quad 0.21299590E + 05 \quad 0.17743890E + 01 \quad 0.21299590E + 0.2129990E + 0.2129990E + 0.21299990E + 0.2129990E + 0.212990E + 0.21290E + 0.212990E + 0.212990E + 0.212990E + 0.212990E + 0.212990E + 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
 c3h3
                                                                                                                                                                                              С
                                                                                                                                                                                                                              3h 30 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         0.73698450E + 01 \quad 0.77854710E - 02 - 0.30216960E - 05 \quad 0.55099410E - 09 - 0.37929260E - 13 \\ 0.7698450E + 01 \quad 0.77854710E - 02 - 0.30216960E - 05 \quad 0.55099410E - 09 - 0.37929260E - 13 \\ 0.7698450E + 01 \quad 0.77854710E - 02 - 0.30216960E - 05 \quad 0.55099410E - 09 - 0.37929260E - 13 \\ 0.7698450E + 01 \quad 0.77854710E - 02 - 0.30216960E - 05 \quad 0.55099410E - 09 - 0.37929260E - 13 \\ 0.7698450E + 0.00000E - 0.00000E - 0.0000E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
         0.38891950E+05-0.14110520E+02 0.56629250E+01 0.43052760E-02 0.18210260E-04
 -0.25694770E-07 0.10163000E-10 0.39782900E+05-0.32569600E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
 c3h2
                                                                                                                                                                                               c 3h 20 00 0G
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         0.06530853E + 02 \quad 0.05870316E - 01 - 0.01720776E - 04 \quad 0.02127498E - 08 - 0.08291910E - 13 \\ 0.06530853E + 02 \quad 0.05870316E - 01 - 0.01720776E - 04 \quad 0.02127498E - 08 - 0.08291910E - 13 \\ 0.06530853E + 0.008870316E - 01 - 0.01720776E - 04 \quad 0.02127498E - 08 - 0.08291910E - 13 \\ 0.06530853E + 0.008870316E - 01 - 0.01720776E - 04 \quad 0.02127498E - 08 - 0.08291910E - 13 \\ 0.06530853E + 0.008870316E - 01 - 0.01720776E - 04 \quad 0.02127498E - 08 - 0.08291910E - 13 \\ 0.0653085 + 0.008870316E - 0.00887070816E - 0.00887070816E - 0.00887070816E - 0.00887070816E - 0.00887070816E - 0.00887070816E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
        0.05115213E + 06 - 0.11227278E + 02 \quad 0.02691077E + 02 \quad 0.14803664E - 01 - 0.03250551E - 04 \\ 0.05115213E + 06 - 0.11227278E + 02 \quad 0.02691077E + 02 \\ 0.05115213E + 06 - 0.03250551E - 04 \\ 0.05115214E + 0.03250551E - 0.0325051E - 0.032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.08644363E-07 0.05284877E-10 0.05219072E+06 0.08757391E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
nc3h7o
                                                                                        4/ 7/97 ThERMc
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        1.10130308E+01 1.58110271E-02-5.38743215E-06 8.34264825E-10-4.83147349E-14
   -1.01528968E+04-3.27511689E+01 2.89706514E-01 3.93075560E-02-2.48069355E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        8.07083573E-09-1.07998290E-12-6.24474269E+03 2.54387810E+01
nc3h7oh
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        0.78695178E+01 0.22170236E-01-0.76477927E-05 0.12332934E-08-0.76598667E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.36669754E + 05 - 0.15247448E + 02 0.13337798E + 00 0.40273454E - 01 - 0.14728696E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.80114964E-08 0.58863921E-11-0.34506324E+05 0.25219995E+02
                                                                                                                                                                                              c 3h 7o
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nc3h7o2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
       0.13502689E + 02 \quad 0.13771964E - 01 - 0.35621306E - 05 \quad 0.46638027E - 09 - 0.25058699E - 13 \\ 0.13502689E + 02 \quad 0.13771964E - 01 - 0.35621306E - 05 \\ 0.46638027E - 09 - 0.25058699E - 13 \\ 0.13502689E + 02 \quad 0.13771964E - 01 - 0.35621306E - 05 \\ 0.46638027E - 09 - 0.25058699E - 13 \\ 0.13502689E + 0.13771964E - 0.13771964E - 0.1088699E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 -0.10900663E + 05 - 0.42337200E + 02 \quad 0.34593359E + 00 \quad 0.47804203E - 01 - 0.34433560E - 04 \quad 0.47804203E - 0.47804202E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.11472139E-07-0.10343456E-11-0.70191328E+04 0.26533663E+02
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nc3h7o2h
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        0.11336926E + 02 \quad 0.20394048E - 01 - 0.67093242E - 05 \quad 0.10477861E - 08 - 0.63728191E - 13 - 0.63728191E - 0.65728191E - 0.65728191E - 0.65728191E - 0.65728191E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.30503672E + 05 - 0.29776390E + 02 \quad 0.10277675E + 01 \quad 0.49290877E - 01 - 0.32700023E - 04 \quad 0.4929087E - 0.49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.73782482E-08 0.10003533E-11-0.27774795E+05 0.23159100E+02
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                                                                                       4/ 7/97 ThERMc 3h 7o
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       1.14592753E+01 1.55902812E-02-5.34443227E-06 8.30858106E-10-4.82455289E-14
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 3
       1.20668364E-08-1.97214967E-12-8.44902998E+03 2.57650010E+01
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        0.14202599E + 02 \quad 0.13157809E - 01 - 0.33661620E - 05 \quad 0.43802198E - 09 - 0.23482254E - 13 - 0.23482254E - 10.23482254E - 10.23482254E - 0.23482254E - 0.234822554E - 0.234822554
 3
        0.19618367E-07-0.31824515E-11-0.98001953E+04 0.28052458E+02
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                                                                                       7/19/ 0 ThERMc 3h 8o
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        2
 -3.23268564E+04-5.71735156E+01 5.19265570E-01 5.32111228E-02-4.05156892E-05
        1.63346713E-08-2.73751233E-12-2.71048486E+04 2.40815065E+01
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         0.13649559E+02 0.12750814E-01-0.31189277E-05 0.39289025E-09-0.20614268E-13
 -0.48945811E+04-0.39010017E+02 0.15149921E+01 0.48824649E-01-0.45656896E-04
        0.24564915E-07-0.55713593E-11-0.15504653E+04 0.23338097E+02
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         0.14188224E + 02 0.12368476E - 01 - 0.30191270E - 05 0.38157991E - 09 - 0.20166079E - 13
 -0.39905498 \pm +04 -0.42191696 \pm +02 \quad 0.64384925 \pm +00 \quad 0.54055225 \pm -01 -0.54415486 \pm -04
        0.31187664E-07-0.75596803E-11-0.35104904E+03 0.26997149E+02
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 c3h6ooh2-1
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         0.14896511E + 02 \quad 0.11743539E - 01 - 0.28182487E - 05 \quad 0.35167325E - 09 - 0.18422740E - 138422740E - 13842740E - 13842740E
 -0.73632920E + 04 - 0.46675972E + 02 - 0.70671819E - 01 0.60035869E - 01 - 0.65301727E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
        0.39138424E-07-0.96432836E-11-0.34861638E+04 0.29140375E+02
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 c3h6ooh1-1
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0.13773190E+02 0.12478714E-01-0.30193419E-05 0.37854145E-09-0.19864939E-13
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-0.67642393E+04-0.39605103E+02 0.39244589E+00 0.56736656E-01-0.63722880E-04
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     0.41441332E-07-0.11236257E-10-0.33003713E+04 0.28036133E+02
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c3h6ooh1-2o2
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     2
-0.25199982E + 05 - 0.64061310E + 02 \quad 0.14959549E + 01 \quad 0.63019961E - 01 - 0.55043904E - 04 - 0.64061310E + 0.6406140E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                    3
     0.22621872\mathtt{E}-07-0.30201917\mathtt{E}-11-0.20481516\mathtt{E}+05 \ 0.25471867\mathtt{E}+02
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c3h6ooh1-3o2
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     2
-0.22435437E + 05 - 0.58695740E + 02 \quad 0.22698126E + 01 \quad 0.56646202E - 01 - 0.43273030E - 048646202E - 01 - 0.4327302E - 0.40272E - 0.40272
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     0.13861366E-07-0.67737602E-12-0.17976955E+05 0.23766033E+02
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c3h6ooh2-1o2
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     0.25205956E-07-0.39308422E-11-0.20464656E+05 0.26136774E+02
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c3h6ooh1-1o2
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     0.18411318E+02 0.12571108E-01-0.29156811E-05 0.35375863E-09-0.18130491E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.26609484E + 05 - 0.62735687E + 02 \quad 0.91786242E + 00 \quad 0.56343596E - 01 - 0.30807794E - 04 - 0.00807794E - 0.
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-0.52401790E-08 0.72193970E-11-0.21753922E+05 0.28333649E+02
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c3ket12
                                                         7/19/ 0 ThERMc
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     1.70756225E+01 1.31013491E-02-4.61949408E-06 7.31991329E-10-4.30788679E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -4.17008637E+04-5.95778952E+01 1.10507238E+00 5.27396706E-02-4.31805774E-05
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     1.81618292E-08-3.10535568E-12-3.63627536E+04 2.54111636E+01
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c3ket13
                                                         7/19/ 0 ThERMc
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     1.58927479E+01 1.40990923E-02-4.96118851E-06 7.84992198E-10-4.61488928E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-3.93774829E+04-5.26049341E+01 3.55241022E+00 4.18720270E-02-2.94550370E-05
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     1.09982900E-08-1.75045977E-12-3.48902671E+04 1.42082894E+01
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                                                         7/19/ 0 ThERMc 3h 6o
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c3ket21
    1.56377776e+01 1.44059342e-02-5.08808082e-06 8.07076119e-10-4.75295650e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-4.30657975e+04-5.13105869e+01 4.55686367e+00 3.57076837e-02-1.94712054e-05
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     4.70695431e-09-3.69753807e-13-3.86710975e+04 9.97761694e+00
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c3h60
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     \tt 0.71031427E+01 \ 0.18753586E-01-0.67436472E-05 \ 0.11200114E-08-0.71012281E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.15019154E + 05 - 0.13339043E + 02 \quad 0.74423306E - 01 \quad 0.35190679E - 01 - 0.25911300E - 04 - 0.25911300E - 0.25911200E - 
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     0.17298602E - 07 - 0.65269183E - 11 - 0.12573230E + 05 0.24581474E + 02
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                                                   1/22/95 ThERMc 3h 6o
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c3h6o1-3
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    1.02363953E+01 \ 1.50514705E-02-5.63636534E-06 \ 9.32463455E-10-5.66102441E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
-1.46212029E + 04 - 3.36724732E + 01 - 2.75717996E + 00 \quad 4.26371602E - 02 - 2.56831231E - 05 - 2.26831231E - 00 - 2.26831221E - 00 - 2.26831221
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     6.62981208E-09-5.31193325E-13-1.00990375E+04\ 3.67181804E+01
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c3h5o
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     0.69495180E + 01 \quad 0.16078900E - 01 - 0.59846810E - 05 \quad 0.10683520E - 08 - 0.72629020E - 13 \\ 0.16078900E - 01 - 0.59846810E - 05 \quad 0.10683520E - 08 - 0.72629020E - 13 \\ 0.16078900E - 01 - 0.59846810E - 05 \quad 0.10683520E - 08 - 0.72629020E - 13 \\ 0.16078900E - 01 - 0.59846810E - 05 \quad 0.10683520E - 08 - 0.72629020E - 13 \\ 0.16078900E - 01 - 0.59846810E - 05 \quad 0.10683520E - 08 - 0.72629020E - 13 \\ 0.16078900E - 0.00683520E - 0.0068320E - 0.0068420E - 0.0
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     0.77492990E + 04 - 0.94650390E + 01 \quad 0.30699180E + 01 \quad 0.15521440E - 01 \quad 0.18818300E - 04 \quad 0.18818300E - 0.18818300E - 0.18818300E - 0.18818300E - 0.1881830E - 0.1881830E - 0.1881820E - 0.188182
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-0.33019540E-07 0.13649340E-10 0.94175490E+04 0.13422390E+02
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                                                         7/29/ 8 LECoNc 3h 5o
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     3.45190356E+01-1.01781489E-02 5.02260522E-06-9.24128411E-10 5.13679402E-14
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-8.26014425E + 03 - 1.67166292E + 02 - 5.15428271E + 01 \\ 2.82867045E - 01 - 3.72574445E - 04 \\ -048271E + 01 \\ -048271E + 0
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     2.12594647E-07-4.42197574E-11 1.29747235E+04 2.63287027E+02
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                                                         3/ 8/ 7 ThERMc
c3h4o2h
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     1.28560256E+01 \ 1.21730433E-02-4.23707918E-06 \ 6.65544920E-10-3.89278703E-14
     1.57255303E+04-3.75208282E+01 3.91090755E+00 3.11536975E-02-1.94249346E-05
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     6.18343396E-09-8.18424355E-13 1.90786161E+04 1.12924619E+01
c3h4o
                                                           7/29/ 8 LECoNc
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     1.00706541E+01 9.62546535E-03-3.22060854E-06 4.93284520E-10-2.83701133E-14
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-1.27635114E+04-2.89037669E+01 5.23552792E-01 3.16317891E-02-2.20953153E-05
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     7.61912822E-09-1.02252256E-12-9.47399642E+03 2.23829839E+01
c3h3o
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                                                                                                                                                                                                                                                                                                                                                                                                                                    1
                                                                                                                              C
     0.13887620E + 02 \quad 0.29359820E - 01 - 0.10987710E - 04 \quad 0.19709660E - 08 - 0.13450330E - 12 \\ 0.13887620E + 02 \quad 0.29359820E - 01 - 0.10987710E - 04 \\ 0.19709660E - 08 - 0.13450330E - 12 \\ 0.19709660E - 0.13450330E - 12 \\ 0.19709660E - 0.1345030E - 12 \\ 0.19709660E - 0.134502E - 12 \\ 0.1970960E - 0.134502E - 12 \\ 0.1970960
                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
     0.12987410E + 05 - 0.42751150E + 02 - 0.59639260E + 00
0.62097700E - 01 - 0.26277400E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                    3
-0.10464540E-07 0.93368350E-11 0.17413660E+05 0.33985150E+02
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c3h5o2h
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                                                                                                                              C
     0.10591680E+02 0.16171450E-01-0.52988012E-05 0.82363749E-09-0.49852836E-13
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-0.11490892E + 05 - 0.24723507E + 02 0.93321240E + 00 0.43424893E - 01 - 0.30121077E - 04
                                                                                                                                                                                                                                                                                                                                                                  3
    0.71619630E-08 0.82890433E-12-0.89453877E+04 0.24820049E+02
c3h5e1q2
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                                                                                                                            3h 60 2
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                                                                                                          C
    0.10909508E + 02 \quad 0.16794676E - 01 - 0.57275392E - 05 \quad 0.91581626E - 09 - 0.56526222E - 13
                                                                                                                                                                                                                                                                                                                                                                  2.
3
    0.22034492E-07-0.36731447E-11-0.98368721E+04 0.24594032E+02
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                                                                                                          c 3h 6o 3 G 0300.00
c3h5oq
                                                                                                                                                                                                                                                                                                                                                                  1
     0.16870092E+02 0.68185821E-01-0.24252884E-04 0.39975974E-08-0.25215041E-12
                                                                                                                                                                                                                                                                                                                                                                  2
-0.39237465E + 05 - 0.53114212E + 02 - 0.18994358E + 00 \\ 0.10673244E + 00 - 0.35085766E - 04 \\ 0.10673244E + 0.006766E - 0.00676E - 0
-0.21366752E-07 0.14464667E-10-0.34442055E+05 0.36377739E+02
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                                                                                                      Oc 3h 60 1 G 0300.00 5000.00 1000.00
ethco
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          .70107722E+01
                                                                       .18013448E-01 -.62295217E-05
                                                                                                                                                                                                                 .10005839E-08 -.61661722E-13
                                                                                                                                                                                                                                                                                                                                                                  2
     -.25691457E+05 -.95488281E+01
                                                                                                                                             .28277023E+01
                                                                                                                                                                                                                  .25430365E-01 -.61913220E-05
                                                                                                                                                                                                                                                                                                                                                                  3
                                                                         .26785609E-11 -.24271348E+05
                                                                                                                                                                                                              .13234089E+02
     -.50245177E-08
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                                                6/26/95 thermc 3h
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     9.87881997e+00 1.17515676e-02-4.00614923e-06 6.20850617e-10-3.59835225e-14
                                                                                                                                                                                                                                                                                                                                                                  2
 -8.47292283e + 03 - 2.49235196e + 01 2.93313946e + 00 2.47427911e - 02 - 1.21222003e - 05
                                                                                                                                                                                                                                                                                                                                                                  3
     2.34701048e-09-5.26843338e-14-5.69663063e+03 1.35958355e+01
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c2h5co3
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0.20459542E-07-0.14303576E-11-0.27326064E+05 0.40830891E+02
c2h5co3h
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                                                                                                                                                                                               G 0300.00
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-0.11056312E + 02 0.56293424E - 01 - 0.25608328E - 04 0.50172533E - 08 - 0.35755098E - 12
                                                                                                                                                                                                                                                                                                                                                                  2
-0.39727973E+05 0.98463287E+02-0.10344489E+01 0.54687813E-01-0.43102813E-04
                                                                                                                                                                                                                                                                                                                                                                  3
    0.12590641E-07 0.10060073E-11-0.45281594E+05 0.36722210E+02
c2h5co2
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                                                                                                                                                                                        G 0300.00
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-0.76761365E+01 0.42290393E-01-0.17517008E-04 0.32117369E-08-0.21821233E-12
                                                                                                                                                                                                                                                                                                                                                                  2
-0.23297082E + 05 \quad 0.74442062E + 02 - 0.58656538E + 00 \quad 0.45167688E - 01 - 0.36217069E - 04 - 0.06688E - 01 - 0.06688E - 0.06688E
                                                                                                                                                                                                                                                                                                                                                                  3
   0.10748638E-07 0.91656739E-12-0.27703131E+05 0.29145782E+02
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                                 BURCAT
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aceton
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   7.29796974E+00 \ 1.75656913E-02-6.31678065E-06 \ 1.02025553E-09-6.10903592E-14
                                                                                                                                                                                                                                                                                                                                                                  2.
-2.95368927E + 04 - 1.27591704E + 01 \quad 5.55638920E + 00 - 2.83863547E - 03 \quad 7.05722951E - 05 \quad 7.05722951
                                                                                                                                                                                                                                                                                                                                                                  3
4
                                                7/29/ 8 LECoNc 3h 4o 1 0G 300.000 5000.000 1480.000
                                                                                                                                                                                                                                                                                                                                                              01
   8.97743713E + 00 \quad 1.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.08066787E - 10.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.08066787E - 02 - 3.68270401E - 06 \quad 5.71010322E - 10 - 3.31194545E - 14 - 10.0806678E - 10.080678E - 10.0806678E - 10.080678E - 10.080678E
                                                                                                                                                                                                                                                                                                                                                                  2
-1.34748543E+04-2.11176946E+01 3.60685570E+00 1.54070098E-02 1.95396877E-06
                                                                                                                                                                                                                                                                                                                                                                  3
-6.66660144E-09 1.98409866E-12-1.08391832E+04 1.05060530E+01
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                                                7/29/ 8 LECoNc 3h 3o
                                                                                                                                                                   1 0G 300.000 5000.000 1547.000
                                                                                                                                                                                                                                                                                                                                                              01
   1.59224942E+01 \quad 3.86944080E-03-1.68450540E-06 \quad 3.05605100E-10-1.97302624E-14
                                                                                                                                                                                                                                                                                                                                                                  2.
-3.91582842E + 02 - 6.69822771E + 01 3.55476414E - 01 3.30029310E - 03 4.16516285E - 05
                                                                                                                                                                                                                                                                                                                                                                  3
-3.78797376E-08 9.42743384E-12 8.82568852E+03 2.99647147E+01
                                               Burcat A10/04c 3.h 5.o 1.
                                                                                                                                                                                      0.G 200.000 6000.000 1000.
    7.54410697E+00 1.43443222E-02-5.08381081E-06 8.13200521E-10-4.83673315E-14
-7.48672286E+03-1.14792587E+01 4.70187196E+00 5.51653762E-03 4.27505858E-05
                                                                                                                                                                                                                                                                                                                                                                  3
-5.94680816E-08 2.40685378E-11-5.92845491E+03 7.12932590E+00-4.00985747E+03
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    0.12603670E+02 0.26696790E-01-0.88122661E-05 0.13779865E-08-0.83808537E-13
-0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.44081770E - 0.4408170E - 
                                                                                                                                                                                                                                                                                                                                                                  3
-0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
                                                 4/24/92 ThERMc
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   1.09340809E+01 1.49384611E-02-4.97490474E-06 7.58435125E-10-4.34420191E-14
                                                                                                                                                                                                                                                                                                                                                                  2
-1.15876725E+04-2.89343754E+01 1.65867207E-01 4.13141037E-02-2.99664397E-05
                                                                                                                                                                                                                                                                                                                                                                  3
   1.16234591E-08-1.86270510E-12-7.97925983E+03 2.84481654E+01
                                                 4/24/92 ThERMC
                                                                                                                            3h
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                                                                                                                                                                     3
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                                                                                                                                                                                                                                                                                                                                                               41
    1.55655181E+01 1.68822736E-02-5.91144639E-06 9.32274430E-10-5.46815496E-14
                                                                                                                                                                                                                                                                                                                                                                  2.
-2.95301139E + 04 - 5.17312137E + 01 \quad 2.20217327E + 00 \quad 4.59913087E - 02 - 3.03766163E - 05 \quad 4.59913087E - 02 - 3.03766163E - 02 - 3.03766164E - 02 - 3.0376616E - 02 - 3.03766616E - 02 - 3.0376616E - 02 - 3.037660E - 02 - 3.037660E - 02 - 3.037660E - 02 - 3.03766E - 02 - 3.03766E - 02 - 3.03766E - 02 - 3.03766E - 02 - 3.
                                                                                                                                                                                                                                                                                                                                                                  3
   1.05366009E-08-1.55928684E-12-2.45762626E+04 2.09594636E+01
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    0.63257427E + 01 \quad 0.65247067E - 02 - 0.12662762E - 05 \quad 0.13370773E - 09 - 0.62057755E - 14
                                                                                                                                                                                                                                                                                                                                                                  2.
-0.36616558E + 04 - 0.21445749E + 02 \quad 0.98070252E + 00 \quad 0.16218642E - 01 - 0.58109285E - 05 \quad 0.08070252E + 00 \quad 0.08070252E + 0.08070252E +
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0.59742038E-10 0.26217044E-12-0.16838831E+04 0.80124340E+01
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 ch2ch2hco 6/26/95 ThERMc 3h 5o 1
                                                                                                                                                                       0G
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    9.97669730E+00 1.15899378E-02-3.93593247E-06 6.08601507E-10-3.52246874E-14
                                                                                                                                                                                                                                                                                                                                2.
 -2.41115816E + 03 - 2.36014420E + 01 \quad 2.95202753E + 00 \quad 2.48297051E - 02 - 1.23487153E - 05 \quad 2.48297051E - 02 - 1.23487153E - 00 \quad 2.48297051E - 02 - 1.23487154E - 00 \quad 2.48297051E - 00 \quad 2.48297051
                                                                                                                                                                                                                                                                                                                                3
     2.49449869E-09-8.44820689E-14 3.85181944E+02 1.53181388E+01
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 o2c2h4hco
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     0.59873166E+01 0.23788797E-01-0.82112338E-05 0.13246599E-08-0.82290735E-13
                                                                                                                                                                                                                                                                                                                                2
 -0.17405863E + 05 \quad 0.48074760E + 01 \quad 0.18589790E + 01 \quad 0.45797229E - 01 - 0.38392540E - 04 \quad 0.48797229E - 0.4879720E - 0.4879720
                                                                                                                                                                                                                                                                                                                                3
    {\tt 0.15173494E-07-0.16430635E-11-0.17371359E+05\ 0.22181156E+02}
                                                                                                                                                                                                                                                                                                                                4
 qch2chhco
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     2
 -0.14836938E + 05 \quad 0.32925720E + 01 \quad 0.23097246E + 01 \quad 0.50628807E - 01 - 0.54614058E - 04 \quad 0.54614058E - 0.55614068E - 0.55614000000000
                                                                                                                                                                                                                                                                                                                                3
    0.31712943E-07-0.72313535E-11-0.15042559E+05 0.19955605E+02
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 qqjch2chhco
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     0.88524780E+01 0.27320053E-01-0.96576459E-05 0.15843693E-08-0.99575140E-13
                                                                                                                                                                                                                                                                                                                                2
 -0.21583143E+05-0.29813080E+01 0.20869548E+01 0.62089298E-01-0.55453151E-04
                                                                                                                                                                                                                                                                                                                                3
    0.20841107E-07-0.15813198E-11-0.21454908E+05 0.25833302E+02
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ho2c2h4co 11/13/07
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     0.61841831E+01 0.22389354E-01-0.74256582E-05 0.11646007E-08-0.70949811E-13
                                                                                                                                                                                                                                                                                                                                2
 -0.17206695E+05 0.72934914E+01 0.35030098E+01 0.40761109E-01-0.35640427E-04
                                                                                                                                                                                                                                                                                                                                3
    0.16218964E-07-0.26064778E-11-0.17562961E+05 0.17165771E+02
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 qch2ch2co3 11/13/07
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  -0.50781608E+01 0.49313385E-01-0.20429919E-04 0.37459174E-08-0.25448892E-12
                                                                                                                                                                                                                                                                                                                                2.
 -0.33732953E+05 0.73446014E+02-0.39694145E+00 0.67081004E-01-0.61753301E-04
                                                                                                                                                                                                                                                                                                                                3
    0.23583052E-07-0.12862078E-11-0.38276461E+05 0.37648914E+02
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ho2c2h4hco 02/02/09
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    0.39300311E+01 \quad 0.30475805E-01-0.11961065E-04 \quad 0.21116726E-08-0.13968816E-12
                                                                                                                                                                                                                                                                                                                                2
 -0.34431125E+05 0.17605156E+02 0.30166800E+01 0.43097474E-01-0.30498470E-04
                                                                                                                                                                                                                                                                                                                                3
    0.83356602E-08 0.43335181E-12-0.35320078E+05 0.18343475E+02
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    0.14495274E-07-0.20121441E-11-0.16628582E+05 0.26996202E+02
                                            7/ 6/ 7 ThERMc
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 ch3cocho
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    1.18377936E+01 1.06832643E-02-3.76864788E-06 5.97374721E-10-3.51655013E-14
                                                                                                                                                                                                                                                                                                                                2
 -3.80189846 \pm +04 -3.43005438 \pm +01 \ 1.97192949 \pm +00 \ 3.01085469 \pm -02 -1.67791836 \pm -05
                                                                                                                                                                                                                                                                                                                                3
    3.73805387E-09-1.49790837E-13-3.42361657E+04 1.99624294E+01
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 ch3coco
                                            7/ 6/ 7 ThERMc
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    1.12735441E+01 \quad 8.53005972E-03-3.00584312E-06 \quad 4.76106491E-10-2.80119089E-14
                                                                                                                                                                                                                                                                                                                                2.
 -2.18589653E + 04 - 3.04547106E + 01 \quad 3.00961286E + 00 \quad 2.63548623E - 02 - 1.73416768E - 05 \quad 3.00961286E + 00 \quad 3.00961286
                                                                                                                                                                                                                                                                                                                                3
    5.60529311E-09-7.20790918E-13-1.88260803E+04 1.44793749E+01
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                                            7/11/ 7 ThERMc
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    1.25716146E+01 7.89354143E-03-2.79644885E-06 4.44564212E-10-2.62241891E-14
                                                                                                                                                                                                                                                                                                                                2
 -1.66392496E + 04 - 3.79295242E + 01 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 02 - 2.59376700E - 05 \quad 1.83606260E + 00 \quad 3.34114474E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.34114474E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.34114474E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.34114474E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.34114474E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.341144774E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 3.341144774E - 00 - 2.59376700E - 00 \quad 1.83606260E + 00 \quad 1.8360660E + 00 \quad 1.8360660E + 00 \quad 1.836060E + 0
                                                                                                                                                                                                                                                                                                                                3
    9.97502460E-09-1.53109363E-12-1.29848450E+04 1.95226824E+01
                                                                                                                                                                                                                                                                                                                                4
hcoch2hco 7/6/7 ThERGc
                                                                                                                3h
                                                                                                                                   40
                                                                                                                                                          2
                                                                                                                                                                              0G
                                                                                                                                                                                                  300.000 5000.000 2041.000
                                                                                                                                                                                                                                                                                                                            31
     1.01665173E+01 1.26554663E-02-4.72118749E-06 7.79086094E-10-4.72151798E-14
 3
    3.63174198E-09-1.52155933E-13-3.52900612E+04 2.58148090E+01
                                                                                                                                                                                                                                                                                                                                4
                                            7/ 6/ 7 ThERGc
                                                                                                                                                                                                                                                                                                                             31
hcoch2co
                                                                                                                 3h
                                                                                                                                     30
                                                                                                                                                          2.
                                                                                                                                                                              0G
                                                                                                                                                                                                  300.000 5000.000 1375.000
    1.03839875E+01 8.95653335E-03-3.17495041E-06 5.04859934E-10-2.97835672E-14
                                                                                                                                                                                                                                                                                                                                2
 -2.07847430E + 04 - 2.26918341E + 01 1.48700499E + 00 2.83963833E - 02 - 1.93510395E - 05
                                                                                                                                                                                                                                                                                                                                3
    6.68152666E-09-9.54954634E-13-1.75210985E+04 2.56357273E+01
                                                                                                                                                                                                                                                                                                                                4
                                                                                                                                                                              0g
 ch3coch2o2 2/14/95
                                                                                                                 3h
                                                                                                                                     50
                                                                                                                                                          3
                                                                                                                                                                                                  300.000 5000.000 1379.00
                                                                                                                                                                                                                                                                                                                             31
                                                                                                C
    1.27690342e+01 1.42554828e-02-4.92821461e-06 7.70448921e-10-4.49110534e-14
                                                                                                                                                                                                                                                                                                                                2
 -2.34798669e+04-3.27155799e+01 5.95535468e+00 2.70255205e-02-1.37385031e-05
                                                                                                                                                                                                                                                                                                                                3
    3.53735851e-09-4.03922557e-13-2.06679464e+04 5.21436049e+00
                                                                                                                                                                                                                                                                                                                                4
ch3coch2o 4/3/0 thermc
                                                                                                                                                                              0g
                                                                                                                3h 50
                                                                                                                                                          2.
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                                                                                                                                                                                                                                                                                                                            2.1
    1.14637586e+01 1.32124342e-02-4.56580495e-06 7.13897538e-10-4.16281047e-14
                                                                                                                                                                                                                                                                                                                                2.
 -2.23833017e + 04 - 3.15127868e + 01 \quad 3.72927689e + 00 \quad 2.63943697e - 02 - 1.09796486e - 05 - 1.0979666e - 05 - 1.0979666e - 05 - 1.0979666e - 05 - 1.0979666e - 05 - 1.097966e - 05 - 1.09766e - 05 - 1.09766e - 05 - 1.09766e - 05 - 1.09766e - 05 - 1.09766e
                                                                                                                                                                                                                                                                                                                                3
     8.58185303e-10 3.39474590e-13-1.91551565e+04 1.18505335e+01
                                                                                                                                                                                                                                                                                                                                4
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3 0g
ch3coch2o2h 2/14/95
                                                                                                                                                   3h 6o
                                                                                                                                                                                                                                                      300.000 5000.000 1381.00
                                                                                                                          C
                                                                                                                                                                                                                                                                                                                                                                                                                             41
    1.52372810e+01 1.44114651e-02-5.01290009e-06 7.87071229e-10-4.60225784e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                  2.
 -4.27564444e+04-4.77383784e+01 4.94789761e+00 3.60474432e-02-2.21719933e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     6.98296874e-09-9.21269260e-13-3.88687178e+04 8.49926130e+00
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                               3/ 8/ 7 Thermc 3h 2o 1 0G 300.000 5000.000 1395.000
propynal
                                                                                                                                                                                                                                                                                                                                                                                                                             11
     1.13834900E+01 3.86539656E-03-1.43543557E-06 2.33555277E-10-1.38525734E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -2.74224066E + 03 - 4.61311767E + 01 \quad 2.04975314E + 00 \quad 2.95648515E - 02 - 2.89148802E - 05 \quad 2.95648515E - 02 - 2.89148802E - 02 - 2.891488802E - 02 - 2.89148802E - 02 - 2.8914880
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     1.36273409E-08-2.49643945E-12 8.10578949E+01 2.56858501E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                          3/8/7 c 3h 1o 1 0G 300.000 5000.000 1392.000
 c2hco
                                                                                                                                                                                                                                                                                                                                                                                                                             01
     1.01783857E + 01 \quad 3.04124871E - 03 - 1.10131295E - 06 \quad 1.77631920E - 10 - 1.05836052E - 14 \quad 1.0138295E - 10 \quad 1.013
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
     1.58902893E + 04 - 3.92188228E + 01 \quad 2.74957395E + 00 \quad 2.31011059E - 02 - 2.21190313E - 05 \quad 2.31011059E - 02 - 2.21190313E - 02 - 2.21190314E - 02 - 2.21190314E
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     1.02312072E-08-1.84461815E-12 1.81735009E+04-3.23514715E-01
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
 ! Base C4
 ic4h9
                                                                                                                                                    4h
                                                                                                                                                                              90
                                                                                                                                                                                                        00
                                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                                              300.00
                                                                                                                                                                                                                                                                                                     5000.000 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
     0.90892484E+01 \quad 0.24142553E-01-0.90926191E-05 \quad 0.15645149E-08-0.10112622E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
      0.37805772E + 04 - 0.22806785E + 02 - 0.17234362E + 01 \quad 0.56100048E - 01 - 0.50882003E - 04 \\ - 0.56100048E - 0.5610004E - 0.56100048E - 0.561000048E - 0.56100048E - 0.561000048E - 0.561000048E - 0.561000048E 
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.32521537E-07-0.10413575E-10 0.68675433E+04 0.33080896E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                              C
                                                                                                                                                  4h
                                                                                                                                                                      90
                                                                                                                                                                                                      00
                                                                                                                                                                                                                           0G
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                                                                                                                                                                                                                                                                                                     5000.000 1000.00
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      0.90709925E+01 0.22472441E-01-0.75462058E-05 0.11124330E-08-0.58946771E-13
     0.82343457E+03-0.23632431E+02 0.31227112E+01 0.25226224E-01 0.11214444E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.22687910E-07 0.81753137E-11 0.34445190E+04 0.11197623E+02
ic4h8
                                                                                                                                                  4h
                                                                                                                                                                       80
                                                                                                                                                                                                      00
                                                                                                                                                                                                                          0G
                                                                                                                                                                                                                                                             300.00
                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
                                                                                                                              C
     0.44609470E+01 0.29611487E-01-0.13077129E-04 0.26571934E-08-0.20134713E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.50066758E+04 0.10671549E+01 0.26471405E+01 0.25902957E-01 0.81985354E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.22193259E-07 0.88958580E-11-0.40373069E+04 0.12676388E+02
ic4h7
                                                                                                                                            4h
                                                                                                                                                                       70
                                                                                                                                                                                                  00
                                                                                                                                                                                                                           OG 300.00 3000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
                                                                                                                              C
     0.91749680E+01 0.18672980E-01-0.67359360E-05 0.11884610E-08-0.80369600E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
     0.10254610E + 05 - 0.24345480E + 02 - 0.44200080E + 00
0.45216870E - 01 - 0.32260950E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.97245970E-08-0.18413410E-13 0.12961550E+05 0.25443950E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                           OG 300.00 5000.00 1000.00
c4h4o
                                                                                                                                                   4h
                                                                                                                                                                       40
                                                                                                                                                                                                  1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
                                                                                                                              C
     2
 -0.27256590E + 04 - 0.28622530E + 02 \quad 0.11296920E - 01 \quad 0.28646280E - 01 \quad 0.19574870E - 04 \quad 0.28646280E - 01 \quad 0.19574870E - 0.28646280E - 01 \quad 0.19574870E - 0.28646280E - 0.2864620E - 0.2864620E - 0.28646280E - 0.28646280E - 0.28646280E 
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
 -0.48074430E-07 0.21654150E-10 0.70615460E+03 0.24629120E+02
                                                          3/ 8/ 7 Thermc 4h 50 1 0G 300.000 5000.000 1392.000
 c3h4hco
                                                                                                                                                                                                                                                                                                                                                                                                                             21
     1.29057409E+01 \ 1.21125634E-02-4.21317680E-06 \ 6.61578596E-10-3.86900053E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                  2.
     3
     1.54811974E-08-2.67115426E-12 1.05424224E+04 2.76926684E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                  4h 4o 10 0G 300.00 5000.00 1000.00
 c3h3hco
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
                                                                                                                              C
     0.40837727E + 01 \quad 0.27734047E - 01 - 0.13153832E - 04 \quad 0.26552880E - 08 - 0.19342094E - 12 - 0.19342094E - 0.19
                                                                                                                                                                                                                                                                                                                                                                                                                                  2.
      0.59737588E+04 0.66168709E+01 0.11482457E+01 0.30637158E-01-0.11443767E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.19931119E-09 0.48908642E-12 0.73652012E+04 0.23784662E+02
                                                                                                                                                  4h
                                                                                                                                                                     3o 10
                                                                                                                                                                                                                           0G 300.00
                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
 c3h3co
                                                                                                                              С
      0.54697051E+01 0.20590097E-01-0.83108216E-05 0.14963151E-08-0.10035834E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
     0.23223531E+05-0.11719551E+01 \ 0.23043721E+01 \ 0.16522696E-01 \ 0.14482298E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.21086697E-07 0.68923625E-11 0.25072066E+05 0.19143721E+02
                                                                                                                                                   4h 10o
                                                                                                                              С
                                                                                                                                                                                                 0
                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                         5000.00 1000.00
     0.18290246E+01 0.37759554E-01-0.14565891E-04 0.25407361E-08-0.16666360E-12
 -0.18126377E + 05 \quad 0.14366367E + 02 - 0.46007365E - 01 \quad 0.43097489E - 01 - 0.10378325E - 04 - 0.10378325E - 01 - 0.10378325E - 0.1037825E - 0.10
 -0.12544056E-07 0.72553361E-11-0.18029369E+05 0.23059675E+02
pc4h9
                                        BURCAT
                                                                                              T 6/04c 4h 9
                                                                                                                                                                                                  0
                                                                                                                                                                                                                                   0q
                                                                                                                                                                                                                                                             200.000 6000.000 1000.00
     8.97401527E+00 \quad 2.39704154E-02-8.48703645E-06 \quad 1.35644127E-09-8.06234913E-14
      5.19161526E+03-2.31075609E+01 4.73737837E+00 9.69051565E-03 6.63846383E-05
 -9.24799302E-08 3.74006099E-11 7.57382332E+03 4.91063455E+00 9.83838903E+03
                                        BURCAT
                                                                                      T 6/04c 4h 9
                                                                                                                                                                                                                                 0g
                                                                                                                                                                                                                                                             200.000 6000.000 1000.00
sc4h9
                                                                                                                                                                                                 Ω
     4.15004489E + 03 - 1.43949625E + 01 \quad 5.42089393E + 00 - 9.12146870E - 04 \quad 8.84998581E - 05 \quad 8.84998581E - 05 \quad 9.84998581E - 05 \quad 9.8499881E - 05 \quad 9.849981E - 05 \quad 9.8499881E - 
 -1.12115531E-07 4.38222782E-11 6.28927311E+03 5.04210029E+00 8.44598852E+03
                                                          Burcat c 4h 8o 0 G 0300.00 5000.00 1000.00
c4h8
                                                                                                                                                                                                                                                                                                                                                                                                                                  1
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 $0.20535841E+01 \quad 0.34350507E-01-0.15883197E-04 \quad 0.33089662E-08-0.25361045E-12$ 

```
-0.21397231E+04 0.15556360E+02 0.11811380E+01 0.30853380E-01 0.50865247E-05
 -0.24654888E - 07 \ 0.11110193E - 10 - 0.17904004E + 04 \ 0.21075639E + 02 - 0.06494670E + 03 \ 0.06494670
                                                                                                                                                                                       4h 80 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
 t.2c4h8
                                                                                                                                                                      C
       0.82797676E + 00 \quad 0.35864539E - 01 - 0.16634498E - 04 \quad 0.34732759E - 08 - 0.26657398E - 12 - 0.26657398E - 0.266578E - 0.26678E -
 -0.30521033E+04 \ 0.21342545E+02 \ 0.12594252E+01 \ 0.27808424E-01 \ 0.87013932E-05
 -0.24402205E-07 0.98977710E-11-0.29647742E+04 0.20501129E+02
                                                                                                                                                                    c 4h 80 00 0G 300.00 5000.00 1000.00
 c2c4h8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
       -0.57222290E + 04 - 0.17109110E + 02 \quad 0.28161200E + 01 \quad 0.21483640E - 01 \quad 0.23849340E - 04 \quad 0.23849340E - 0.2384950E - 0.238490E - 0.238490
 -0.42454030E-07 0.17550510E-10-0.35593090E+04 0.12493960E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
Ac4h7-1 7/10/7 Therege 4h 7o 0 0G 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  21
        2
        0.24724699E + 05 - 0.29515842E + 02 - 0.48956922E + 00 \\ 0.44776533E - 01 - 0.38022383E - 04 \\ 0.24724699E + 05 - 0.29515842E + 02 - 0.48956922E + 00 \\ 0.44776533E - 01 - 0.38022383E - 04 \\ 0.24724699E + 0.29515842E + 0.29515842E + 0.29516922E + 0.29516922E \\ 0.44776533E - 0.1 - 0.38022383E - 0.1 \\ 0.44776533E - 0.1 - 0.3802238E - 0.1 \\ 0.44776533E - 0.1 - 0.3802238E - 0.1 \\ 0.4477653E - 0.1 - 0.380228E - 0.1 \\ 0.4477653E - 0.1 - 0.380228E - 0.1 \\ 0.4477653E - 0.1 - 0.380228E - 0.1 \\ 0.4477655E - 0.1 - 0.380228E - 0.1 \\ 0.4477655E - 0.1 - 0.38028E - 0.1 \\ 0.4477655E - 0.38028E - 0.1 \\ 0.4477655E - 0.1 - 0.38028E - 0.1 \\ 0.447765E - 0.1 - 0.08028E - 0.080
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
       0.20486294E-07-0.52131485E-11 \ 0.27998318E+05 \ 0.28240118E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                    c 4h 70 00 0G 300.00 3000.00 1000.00
 Cc4h7-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
        0.5521420E+01 0.2683684E-01 -0.1286430E-04 0.3088640E-08 -0.3030856E-12
                                                                                                                                                                                                                                                                                                                           0.4638686E-01 -0.3464697E-04
        0.1198044E+05 -0.4495640E+01 -0.1080514E+01
       0.1401374E-07 -0.2395040E-11 0.1375538E+05 0.2933150E+02
Dc4h7-1
                                                                                                                                                                      C
                                                                                                                                                                                         4h 7o 0 G 0300.00 5000.00 1000.00
        0.11100403E+02 0.13815344E-01-0.36729841E-05 0.49313426E-09-0.27090695E-13
        0.19567062E+05-0.31800911E+02-0.11401347E+01 0.50582599E-01-0.49579528E-04
       0.29734473E-07-0.78816146E-11 0.22986725E+05 0.31156263E+02
                                                                                                                                                                      c 4h 60
                                                                                                                                                                                                                                                               00 OG 300.00
                                                                                                                                                                                                                                                                                                                                                                                                     3000.00 1000.00
        0.98438620E+01 0.15445170E-01-0.57172000E-05 0.10145160E-08-0.68655930E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
       0.90772280E + 04 - 0.28003430E + 02 \quad 0.11107870E + 02 - 0.63027940E - 02 \quad 0.53619200E - 04 \quad 0.90772280E + 04 - 0.28003430E + 02 \quad 0.90772280E + 04 - 0.9072280E + 0.907280E + 0.9072280E + 0.9072280E + 0.9072280E + 0.907280E + 0.907280E + 0.907280E + 0.90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.59145190E-07 0.21238630E-10 0.96868770E+04-0.29928690E+02
                                                                                                                                                                    c 4h 60
                                                                                                                                                                                                                                                                 00 OG 300.00
                                                                                                                                                                                                                                                                                                                                                                                                  5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
butvne
        0.80387070E+01 0.16361490E-01-0.51950590E-05 0.87261840E-09-0.57617240E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
       0.16274420E + 05 - 0.16772050E + 02 - 0.57984030E + 00
0.46665740E - 01 - 0.48803730E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
       0.31088930E-07-0.83509690E-11 0.18381660E+05 0.26264080E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                    c 4h 6 0 0G 300.000 5000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
but vn 2
       0.80465832E+01 0.16485251E-01-0.55222272E-05 0.81235929E-09-0.42950784E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
       0.13701305E + 05 - 0.18017740E + 02 \quad 0.31971083E + 01 \quad 0.20255916E - 01 \quad 0.65101922E - 05 \quad 0.65101922E - 0.6510192E - 0.0510192E - 0.0510192E - 0.0510192E - 0.0510192E - 0.0510192E -
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              0.1781557E + 02 - 0.4257502E - 02 0.1051185E - 04 - 0.4473844E - 08 0.5848138E - 12
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              0.1267342E+05 -0.6983978E+02 \quad 0.1023467E+01 \quad 0.3495919E-01 -0.2200905E-04
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              0.6942272E-08 - 0.7879187E-12 0.1811799E+05 0.1973750E+02
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        0.90956680E + 01 \quad 0.14777760E - 01 - 0.60020560E - 05 \quad 0.11199920E - 08 - 0.78116340E - 13 \\ 0.90956680E + 01 \quad 0.14777760E - 01 - 0.60020560E - 05 \quad 0.11199920E - 08 - 0.78116340E - 13 \\ 0.90956680E + 01 \quad 0.14777760E - 01 - 0.60020560E - 05 \quad 0.11199920E - 08 - 0.78116340E - 13 \\ 0.90956680E + 01 \quad 0.14777760E - 01 - 0.60020560E - 05 \quad 0.11199920E - 08 - 0.78116340E - 13 \\ 0.90956680E + 01 \quad 0.909560E - 01 - 0.60020560E - 05 \quad 0.909560E - 01 - 0.909560E - 0.90
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       0.33138790E + 05 - 0.19989900E + 02 \quad 0.76222620E + 01 - 0.78198420E - 02 \quad 0.74335610E - 04 \quad 0.74335610E - 0.7452610E - 0.7452610E - 0.74335610E - 0.7452610E - 
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 -0.88638960E-07 0.33414190E-10 0.34873060E+05-0.58366290E+01
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        0.10014330E + 02 \quad 0.14816500E - 01 - 0.62390490E - 05 \quad 0.11873550E - 08 - 0.83812640E - 13 \\ 0.10014330E + 02 \quad 0.14816500E - 01 - 0.62390490E - 05 \quad 0.11873550E - 08 - 0.83812640E - 13 \\ 0.10014330E + 02 \quad 0.14816500E - 01 - 0.62390490E - 05 \quad 0.11873550E - 08 - 0.83812640E - 13 \\ 0.10014330E + 0.018640E - 0.018640E - 0.01860E - 0.018
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       0.38641150E + 05 - 0.26894940E + 02 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.38641150E + 05 - 0.26894940E + 02 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 03 \quad 0.86183830E + 01 - 0.18673580E - 01 \quad 0.10944920E - 0.18673580E - 0.1867360E - 0.186740E - 0.
 -0.12786270E-06 0.48163990E-10 0.40832320E+05-0.10651440E+02
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        0.10697773E+02 0.06982014E-01-0.06567747E-05-0.03884517E-08 0.07200946E-12
       0.03034803E + 06 - 0.03128430E + 03 \quad 0.03233893E + 02 \quad 0.01865634E + 00 \quad 0.12703205E - 05 \quad 0.0365634E + 00 \quad 0.03665634E + 00 \quad 0.0366664E + 0.006664E + 0.006
 -0.09410096E-07 0.02956110E-10 0.03301097E+06 0.09922676E+02
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        0.91143560E+01 0.95471120E-02-0.38843590E-05 0.72623270E-09-0.50737070E-13
       0.61621520E+05-0.21296650E+02 0.56986800E+01 0.60107180E-02 0.28706380E-04
 -0.41907200E-07 0.16944030E-10 0.63201220E+05-0.49851380E+00
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       0.97570450E + 01 \quad 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.36321540E - 05 \quad 0.67966640E - 09 - 0.47498080E - 13 \\ 0.88991060E - 02 - 0.08480E - 0.
       0.52220940E + 05 - 0.22567330E + 02
0.92063570E + 01 - 0.68412580E - 02
0.49426770E - 04
 -0.57756540E-07 0.21620850E-10 0.53230880E+05-0.15490760E+02
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       0.09031407E+02 0.06047252E-01-0.01948788E-04 0.02754863E-08-0.13856080E-13
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        0.05294735E+06-0.02385067E+03 0.04005191E+02 0.01981000E+00-0.09865877E-04
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-0.06635158E-07 0.06077413E-10 0.05424065E+06 0.01845736E+02
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    0.15595833E+02 0.19481253E-01-0.54285274E-05 0.75312029E-09-0.42252778E-13
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    0.10553014E-07 \quad 0.14231263E-13-0.99245605E+04 \quad 0.28736156E+02
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    0.16361448E+02 0.18758347E-01-0.51723669E-05 0.71152551E-09-0.39656128E-13
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    0.20125093 \mathtt{E}-07-0.25961908 \mathtt{E}-11-0.12422730 \mathtt{E}+05 \ \ 0.31381353 \mathtt{E}+02
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    0.16051825E+02 0.17835706E-01-0.46704640E-05 0.61662292E-09-0.33299782E-13
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-0.10357569E + 05 - 0.49870140E + 02 \quad 0.38599816E + 00 \quad 0.67110069E - 01 - 0.67045628E - 04 - 0.67045628E - 0.067045628E - 0.06704628E - 0.0670428E - 0.06704628E - 0.0670428E - 0.067048E -
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    0.39030780E-07-0.96601217E-11-0.62153784E+04 0.29860762E+02
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-0.84911982E + 04 - 0.49861786E + 02 \quad 0.41746065E + 00 \quad 0.66929147E - 01 - 0.66410845E - 04 - 0.66410845E - 0.6641085E - 0.6641085E - 0.6641085E - 0.6641085E - 0.6641085E - 
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    0.38230098E-07-0.93350154E-11-0.43590059E+04 0.29717245E+02
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    0.15836190E+02 0.18276053E-01-0.48705583E-05 0.65426875E-09-0.35914597E-13
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-0.84518262E + 04 - 0.48764397E + 02 \quad 0.14225247E + 01 \quad 0.59792988E - 01 - 0.50404382E - 04 - 0.50404382E - 0.504042E - 0.504042
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    0.23572246E-07-0.44956040E-11-0.44562437E+04 0.25527254E+02
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    0.16399406E+02 0.17848140E-01-0.47433541E-05 0.63675132E-09-0.34983135E-13
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-0.75573428 \pm +04 -0.52082130 \pm +02 \quad 0.60832828 \pm +00 \quad 0.64633384 \pm -01 -0.58237252 \pm -04
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    0.29281617E-07-0.61640532E-11-0.32629905E+04 0.28944464E+02
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    0.17164682E+02 0.17129254E-01-0.44909089E-05 0.59581257E-09-0.32413129E-13
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3
    0.39939927E-07-0.91607989E-11-0.61067861E+04 0.31853411E+02
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    0.16552919E+02 0.17643027E-01-0.46683172E-05 0.62521122E-09-0.34322442E-13
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    0.33968135E-07-0.74029021E-11-0.69497178E+04 0.28361181E+02
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    0.40254292E-07-0.92689320E-11-0.57521777E+04 0.31943792E+02
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-0.30022582E + 05 - 0.71210388E + 02 \quad 0.36108353E + 01 \quad 0.48481815E - 01 \quad 0.80780710E - 05 \quad 0.80780710E - 0.98881819E - 0.
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-0.47805617E-07 0.22261772E-10-0.24963180E+05 0.18663290E+02
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    0.21167318E+02 0.18341102E-01-0.48231136E-05 0.64272282E-09-0.35146416E-13
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-0.28514543E + 05 - 0.73493263E + 02 \quad 0.12464113E + 01 \quad 0.75056180E - 01 - 0.62279512E - 04 \quad 0.75056180E - 0.0056180E - 0
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    0.24012136E-07-0.27494615E-11-0.23098533E+05 0.29017382E+02
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    0.21235804E+02 0.18219627E-01-0.47519902E-05 0.62594929E-09-0.33771851E-13
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-0.28813791E + 05 - 0.73874031E + 02 \quad 0.12393204E + 01 \quad 0.75103648E - 01 - 0.62390653E - 04 \quad 0.75103648E - 01 - 0.62390653E - 0.0006664E - 0.0006
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    0.24121507E-07-0.27879452E-11-0.23369484E+05 0.29048790E+02
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    0.20459984E+02 0.18947383E-01-0.50042804E-05 0.66612793E-09-0.36245394E-13
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-0.26033139E + 05 - 0.69698662E + 02 \quad 0.22620471E + 01 \quad 0.67043088E - 01 - 0.46687997E - 046687997E - 04668799F - 0466879F - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0466879 - 0
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    0.11577567E-07 0.84215762E-12-0.20892023E+05 0.24897638E+02
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    0.21167318E+02 0.18341102E-01-0.48231136E-05 0.64272282E-09-0.35146416E-13
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-0.28514584E + 05 - 0.74186813E + 02 0.12686193E + 01 0.74901491E - 01 - 0.61907209E - 04
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    0.23640323E - 07 - 0.26179115E - 11 - 0.23100893E + 05 \quad 0.28230011E + 02
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    0.21888067E+02 0.17680371E-01-0.45973793E-05 0.60718119E-09-0.32980075E-13
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    0.30559153E-07-0.43843913E-11-0.25892623E+05 0.30032263E+02
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    0.24944015E-07-0.30860438E-11-0.23364816E+05 0.29236444E+02
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c4h8o#3
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    0.10841183E + 02 \quad 0.23146855E - 01 - 0.82291308E - 05 \quad 0.13544756E - 08 - 0.85270712E - 1384856E - 01 - 0.85270712E - 1384856E - 01 - 0.85270712E - 138486E - 01 - 0.85270712E - 0.852707
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-0.21876010E + 05 - 0.35098042E + 02 - 0.22656769E + 00 \quad 0.47344849E - 01 - 0.16799813E - 04 - 0.16799813E - 0.16799814E - 0.1679981
-0.10017525E-07 0.67284481E-11-0.18570105E+05 0.23529854E+02
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    0.82279641E-07-0.24164665E-10-0.15662465E+05 \ 0.60699963E+02
                                                                                                                                                                                                                                                                                                                                                                                                       4
c4h8o#5 Burcat T 3/97c 4h 8o 1 0G
                                                                                                                                                                                                                                            200.000 5000.000 1000.
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    6.97323971E + 00 \quad 2.88949921E - 02 - 1.16992973E - 05 \quad 2.17090268E - 09 - 1.51075478E - 13 \quad 2.88949921E - 02 - 1.16992973E - 05 \quad 2.8894992E - 02 - 1.16992974E 
                                                                                                                                                                                                                                                                                                                                                                                                       2
-2.67236416E + 04 - 1.44239686E + 01 \quad 4.08780471E + 00 - 1.16647870E - 02 \quad 1.44507977E - 04 \quad 1.08780471E + 00 - 1.087870E - 02 \quad 1.08780471E + 00 - 1.087870E - 02 \quad 1.0878
                                                                                                                                                                                                                                                                                                                                                                                                       3
-1.83315676E-07 \ 7.25734431E-11-2.38006675E+04 \ 1.16117821E+01-2.21516361E+04
                                                                                                                                                                                                                                                                                                                                                                                                       4
c4h7oAqB
                                                                                                                     c 4h 8o 30 0G
                                                                                                                                                                                                                                            300.00 5000.00 1000.00
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     0.51565738E+01 0.38813442E-01-0.15359050E-04 0.27266063E-08-0.18103656E-12
                                                                                                                                                                                                                                                                                                                                                                                                       2
-0.39197348E+05 \quad 0.12134422E+02 \quad 0.12349727E+01 \quad 0.61525494E-01-0.43655171E-04
                                                                                                                                                                                                                                                                                                                                                                                                       3
    0.10995143E-07 0.10105405E-11-0.39505184E+05 0.27605818E+02
c4h7oAqC
                                                                                                                     C
                                                                                                                                 4h 8o
                                                                                                                                                                                          30 OG
                                                                                                                                                                                                                                             300.00
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    -0.38647719E + 05 \quad 0.33030746E + 02 \quad 0.24198382E + 01 \quad 0.58522277E - 01 - 0.42271160E - 04 - 0.04271160E - 0.0427160E - 0.0427160E - 0.0427160E - 0.0427160E - 0.0427160E - 0.0427160E - 0.042716
    0.11203908E-07 0.96926048E-12-0.40758629E+05 0.21788208E+02
c4h7oAqD
                                                                                                                     c 4h
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    0.56509681E+01 0.36858574E-01-0.14185181E-04 0.24689291E-08-0.16163333E-12
                                                                                                                                                                                                                                                                                                                                                                                                       2
-0.37817258E+05 0.10409409E+02 0.27760043E+01 0.55114768E-01-0.37819718E-04
                                                                                                                                                                                                                                                                                                                                                                                                       3
    0.99687698E-08 0.55395418E-12-0.38210289E+05 0.21151186E+02
                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                                                                                     c 4h 8o
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c4h7oBaA
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    0.15861348E+01 \quad 0.43479957E-01-0.17494467E-04 \quad 0.31422394E-08-0.21036531E-12
                                                                                                                                                                                                                                                                                                                                                                                                       2.
-0.39324336E+05 \quad 0.32575222E+02 \quad 0.32593753E+01 \quad 0.53690277E-01-0.37290840E-04
                                                                                                                                                                                                                                                                                                                                                                                                       3
    0.10202242E-07 0.58889433E-12-0.41428801E+05 0.18151604E+02
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c4h7oBqC
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    0.65961237E + 01 \quad 0.36197469E - 01 - 0.14020626E - 04 \quad 0.24535096E - 08 - 0.16135044E - 12 - 0.065961237E + 01 \quad 0.36197469E - 01 - 0.14020626E - 04 \quad 0.24535096E - 08 - 0.16135044E - 12 - 0.065961237E + 01 \quad 0.36197469E - 01 - 0.14020626E - 04 \quad 0.24535096E - 08 - 0.16135044E - 12 - 0.065961237E + 0.065961227E + 0.06596127E + 0.065967207E + 0.06
                                                                                                                                                                                                                                                                                                                                                                                                       2
-0.43461812\mathtt{E} + 05 \ 0.34785538\mathtt{E} + 01 \ 0.10589478\mathtt{E} + 01 \ 0.60405202\mathtt{E} - 01 - 0.41287476\mathtt{E} - 04
                                                                                                                                                                                                                                                                                                                                                                                                       3
    0.97695727E-08 \ 0.10831664E-11-0.43017469E+05 \ 0.28403883E+02
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c4h7oBaD
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    2.
-0.42121785E+05 \quad 0.12404099E+01 \quad 0.27280753E+01 \quad 0.53121392E-01-0.33396540E-04
                                                                                                                                                                                                                                                                                                                                                                                                       3
     \texttt{0.67355481E-08} \ \ \texttt{0.13214138E-11-0.41736484E+05} \ \ \texttt{0.21404715E+02} 
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                                                                                                                     c 4h 10o
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    0.78341813E-08 0.16028346E-11-0.30397754E+05 0.26467260E+02
                                                                                                                      c 4h
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    -0.17694191E + 05 - 0.36459305E + 02 \quad 0.22901256E + 01 \quad 0.47590896E - 01 - 0.18961156E - 04 \quad 0.47590896E - 01 - 0.18961156E - 01 \quad 0.47590896E - 0.1896116E - 0.1896116E
-0.95546548E-08 0.73198019E-11-0.14679048E+05 0.20296099E+02
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    -0.17037293E + 05 - 0.33649040E + 02 \quad 0.25435202E + 01 \quad 0.50029602E - 01 - 0.30610132E - 04 - 0.00610132E - 0.0061012E - 0.0061012
    0.52741331E-08 0.16029609E-11-0.14387111E+05 0.17056837E+02
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     0.16870092E+02 0.68185821E-01-0.24252884E-04 0.39975974E-08-0.25215041E-12
                                                                                                                                                                                                                                                                                                                                                                                                       2
-0.39237465 \pm +05 -0.53114212 \pm +02 -0.18994358 \pm +00 \quad 0.10673244 \pm +00 -0.35085766 \pm -04
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-0.21366752E-07 0.14464667E-10-0.34442055E+05 0.36377739E+02
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                                                     7/ 6/ 7 ThERMc
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    1.41450352E+01\ 1.74573447E-02-6.52091596E-06\ 1.07698621E-09-6.53071212E-14
                                                                                                                                                                                                                                                                                                                                                                                                      2.
-3.15823365E+04-4.69411192E+01 1.96951197E+00 4.07099592E-02-2.01237756E-05
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    3.07139892E-09 1.91826442E-13-2.71017064E+04 1.99486292E+01
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c3h7co
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0.47072029E+01 0.26826609E-01-0.91171314E-05 0.14559267E-08-0.89873231E-13
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 -0.96920791E+04 0.80605698E+01 0.14006841E+01 0.43548554E-01-0.33324701E-04
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     0.14819613E-07-0.26685743E-11-0.95025234E+04 0.22473145E+02
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     0.12603670E+02 0.26696790E-01-0.88122661E-05 0.13779865E-08-0.83808537E-13
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 -0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.4408170E - 0.440
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 -0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
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 ac3h5hco
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     1.22811161E+01 \ 1.50167397E-02-5.17605303E-06 \ 8.07796972E-10-4.70379360E-14
                                                                                                                                                                                                                                                                                                                                                                 2
 -1.50985283E + 04 - 3.72055710E + 01 1.59653121E - 01 4.25761347E - 02 - 2.91900593E - 05
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     1.04044255E-08-1.53682904E-12-1.07859656E+04 2.82087323E+01
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     1.18646590e+01 1.28852832e-02-4.45460888e-06 6.96613045e-10-4.06215490e-14
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     3
     9.34041036e-09-1.37598294e-12 7.74223639e+03 2.56636231e+01
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 c2h3chcho 7/11/ 7 ThERMc
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     1.14968064E+01 1.37733667E-02-4.70138379E-06 7.29005353E-10-4.22620853E-14
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     2.19447743E+03-3.40242711E+01-3.02771175E-01 4.16449784E-02-3.00051898E-05
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     1.12468306E-08-1.73014503E-12 6.25850862E+03 2.92327697E+01
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 -0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
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          .87888947E+01
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     -.33018367E+05 -.17819489E+02 .27316518E+01
                                                                                                                                                                                                                   .35815358E-01 -.11085016E-04
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     -.44516226E-08
                                                                         .28435873E-11 -.31006189E+05
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                                   Therm Curran
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     1.25571995e+01 1.49672645e-02-5.20015351e-06 8.15864365e-10-4.76824406e-14
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 -2.14622958e + 04 - 4.01434299e + 01 \ 2.45578501e - 01 \ 4.26432049e - 02 - 2.91126822e - 05 \ 4.26432049e - 02 - 2.91126822e - 02 \ 4.26432049e - 02 - 2.91126824e - 02 \ 4.26432049e - 02 - 2.9112682e - 02 \ 4.2643264e - 02 \ 4.26432644e - 02 \ 4.2643264e - 02 \ 4.2643264e - 02 \ 4.2643264e - 02 \ 
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     1.03478392e-08-1.53551381e-12-1.70305379e+04 2.64430799e+01
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 ch2coc2h3 3/19/ 7 ThERMc 4h
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     1.33454164E+01 \ 1.21412652E-02-4.21795603E-06 \ 6.61780536E-10-3.86794162E-14
                                                                                                                                                                                                                                                                                                                                                                 2
 -1.18714134E + 02 - 4.37083473E + 01 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.23886663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 05 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 00 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 00 \quad 1.238866663E - 01 \quad 4.57286980E - 02 - 3.77356197E - 00 \quad 1.238866663E - 00 \quad 4.57286980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 \quad 1.2386980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 \quad 1.238866668E - 00 \quad 4.57286980E - 00 
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    1.61754307E-08-2.81683350E-12 4.22224991E+03 2.63746546E+01
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     0.29266400E + 01 \quad 0.14879800E - 02 - 0.56848000E - 06 \quad 0.10097000E - 09 - 0.67500000E - 14879800E - 09 - 0.6750000E - 09 - 0.67500000E - 09 - 0.67500000E - 09 - 0.6750000E - 09 - 0.67500000E - 09 - 0.6750000E - 09 - 0.6750000E - 09 - 0.6750000E - 09 - 0.6750000E - 09 - 0.0000E - 09 - 0.6750000E - 0.0000E - 0.0
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 -0.92280000E + 03 \quad 0.59810000E + 01 \quad 0.32986800E + 01 \quad 0.14082400E - 02 - 0.39632200E - 05 \quad 0.0000E + 0.0000E 
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     0.56415100E - 08 - 0.24448500E - 11 - 0.10209000E + 04 \quad 0.39500000E + 01 \\
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     0.82939720E + 01 \quad 0.92993790E - 02 - 0.37389950E - 05 \quad 0.69422900E - 09 - 0.48285830E - 13 - 0.69422900E - 0.69422900E - 0.69422900E - 0.69422900E - 0.69422900E - 0.69422900E - 0.6942290E - 0.0942290E - 0.0942290E - 0.0942290E - 0.0942290E - 0.0942290E 
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     0.24080810E + 05 - 0.17659360E + 02 0.64205590E + 01 0.65418440E - 03 0.35099640E - 04
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 -0.45154730E-07 0.17480640E-10 0.25287060E+05-0.45916500E+01
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     0.06242882E+02 0.06193682E-01-0.02085931E-04 0.03082203E-08-0.16364826E-13
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 -0.02275752E-07 0.08086994E-11 0.07623812E+06-0.06942594E+00
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     0.10610400E+02 0.17761390E-01-0.51479730E-05 0.73525370E-09-0.42104080E-13
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 -0.76044290E + 04 - 0.25888690E + 02 \quad 0.58910820E + 00 \quad 0.44971440E - 01 - 0.32455210E - 04 + 0.06860E + 0
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     0.13392720E-07-0.25772260E-11-0.47430910E+04 0.26194140E+02
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 ch3chch2hco
                                                                                                                            4h
                                                                                                                                                                        1
     0.50431247E+01 0.26404748E-01-0.89352470E-05 0.14221639E-08-0.87567479E-13
                                                                                                                                                                                                                                                                                                                                                                2
 3
     0.26812840E-07-0.62247768E-11-0.38429084E+04 0.24272457E+02
                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                             4h 7o 1
 c3h6cho-1
                                                         3/19/7ThERMc
                                                                                                                                                                                             0G
                                                                                                                                                                                                                      300.000 5000.000 1379.000
                                                                                                                                                                                                                                                                                                                                                            31
     1.30322954E+01 1.62418373E-02-5.54388124E-06 8.59723685E-10-4.98459726E-14
                                                                                                                                                                                                                                                                                                                                                                 2
```

```
-6.45915975E+03-3.85453878E+01 2.67672303E+00 3.73064128E-02-2.11281405E-05
                                                                                                                                                                                                                                  3
  5.80472681E-09-6.09688236E-13-2.49714183E+03 1.82696076E+01
                                                                                                                                                                                                                                  4
                                                                                                                         0g
ch3coc2h4p 6/21/95 therc 4h 7o 1
                                                                                                                                     300.000 5000.000 1380.00
                                                                                                                                                                                                                                31
   1.24694368 {e} + 01 \ 1.71022143 {e} - 02 - 5.92156726 {e} - 06 \ 9.26816806 {e} - 10 - 5.40730504 {e} - 14
                                                                                                                                                                                                                                  2.
-1.01378242e+04-3.62186375e+01 2.40255609e+00 3.67294268e-02-1.97316510e-05
                                                                                                                                                                                                                                  3
   5.07323216e-09-4.99655275e-13-6.15006886e+03 1.93993386e+01
                                                                                                                                                                                                                                  4
                                                               c 4h 7o 3 0g 300.000 5000.000 1000.000
ch3coc2h4o2 05/12/08
                                                                                                                                                                                                                                  1
   0.89678164E + 01 \quad 0.28008044E - 01 - 0.94482430E - 05 \quad 0.15002523E - 08 - 0.92210656E - 13002523E - 08 - 0.92210656E - 13002524E - 0.92210656E - 13002524E - 0.92210656E - 10.92210656E - 10.9221066E - 
                                                                                                                                                                                                                                  2
3
  0.17575857E-07-0.21632667E-11-0.23761553E+05 0.26280613E+02
                                                                                                                                                                                                                                  4
                                                                                                                                         300.000 5000.000 1000.000
ch3coc2h4o2h 05/12/08 c 4h 8o 3 0g
                                                                                                                                                                                                                                  1
   0.71798754E + 01 \quad 0.34119871E - 01 - 0.12807865E - 04 \quad 0.21916260E - 08 - 0.14183713E - 12807865E - 01916260E 
                                                                                                                                                                                                                                  2
-0.42121785E+05 \quad 0.12404099E+01 \quad 0.27280753E+01 \quad 0.53121392E-01-0.33396540E-04
                                                                                                                                                                                                                                  3
  0.67355481E-08 0.13214138E-11-0.41736484E+05 0.21404715E+02
                                                                                                                                                                                                                                  4
ch3coc2h4o
                                    05/12/08 c 4h 7o
                                                                                                        2
                                                                                                                    0g
                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                  1
   0.66583276E+01 0.27749667E-01-0.94368897E-05 0.15065660E-08-0.92921114E-13
                                                                                                                                                                                                                                  2
-0.24186270E+05-0.10899277E+01 0.54507318E-03 0.52965928E-01-0.40301915E-04
                                                                                                                                                                                                                                  3
  0.15869045E-07-0.21622910E-11-0.23025023E+05 0.30846504E+02
                                                                                                                                                                                                                                  4
c2h5coch2 6/22/95 thermc 4h 7o
                                                                                                        1
                                                                                                                         0g
                                                                                                                                         300.000 5000.000 1380.00
                                                                                                                                                                                                                                31
   1.24694368e+01 1.71022143e-02-5.92156726e-06 9.26816806e-10-5.40730504e-14
                                                                                                                                                                                                                                  2
 -1.32581060e+04-3.69081191e+01 2.40255609e+00 3.67294268e-02-1.97316510e-05
                                                                                                                                                                                                                                  3
  5.07323216e-09-4.99655275e-13-9.27035071e+03 1.87098570e+01
c2h5coch2o2 05/12/08
                                                                  C
                                                                           4h
                                                                                          70
                                                                                                           3
                                                                                                                      0q
                                                                                                                                         300.000 5000.000 1000.000
  0.38571138E+01 0.36268853E-01-0.13350632E-04 0.22542255E-08-0.14458411E-12
                                                                                                                                                                                                                                  2
-0.22358531E+05 0.18663910E+02 0.21409371E+01 0.56118496E-01-0.44536089E-04
                                                                                                                                                                                                                                  3
  0.16397523E-07-0.12623584E-11-0.23484295E+05 0.21826933E+02
                                                                                                                                                                                                                                  4
c2h5coch2o2h 05/12/08
                                                                c 4h
                                                                                         80
                                                                                                          3
                                                                                                                      0g
                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                  1
  0.16406878E+01 0.43388542E-01-0.17453762E-04 0.31352956E-08-0.20996311E-12
                                                                                                                                                                                                                                  2
-0.39345242E+05 0.32271141E+02 0.33874428E+01 0.52805789E-01-0.35180026E-04
                                                                                                                                                                                                                                  3
  0.81136662E-08 0.13204503E-11-0.41442543E+05 0.17608814E+02
                                                                                                                                                                                                                                  4
                                 05/12/08
                                                                c 4h 7o
                                                                                                         2.
                                                                                                                       0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                  1
c2h5coch2o
  0.15474685E+01 \quad 0.36030553E-01-0.13362954E-04 \quad 0.22669999E-08-0.14581819E-12
                                                                                                                                                                                                                                  2.
-0.21541277E+05 \quad 0.27668835E+02 \quad 0.62256747E+00 \quad 0.52915037E-01-0.42734497E-04
                                                                                                                                                                                                                                  3
  0.17907073E-07-0.24005721E-11-0.22727172E+05 0.27209444E+02
                                                                                                                                                                                                                                  4
                                                                    c 4h 7o
                                                                                                        3
                                                                                                                          G 0300.00
                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                  1
ch3coc2h4qj
  2
3
   \texttt{0.17575857E-07-0.21632667E-11-0.23761553E+05} \ \ \texttt{0.26280613E+02} 
                                                                                                                                                                                                                                  4
ch2coc2h4q
                                                                    c 4h
                                                                                         70
                                                                                                         3
                                                                                                                             G 0300.00
                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                  1
  0.98089294E + 01 \quad 0.27196663E - 01 - 0.91477141E - 05 \quad 0.14500172E - 08 - 0.89042861E - 13 - 0.089042861E -
                                                                                                                                                                                                                                  2.
-0.19584631E + 05 - 0.12753021E + 02 \quad 0.18203707E + 01 \quad 0.59974179E - 01 - 0.52311527E - 04 \quad 0.59974179E - 0.59974179
                                                                                                                                                                                                                                  3
  0.23730996E-07-0.40058928E-11-0.18383766E+05 0.24786594E+02
                                                                                                                                                                                                                                  4
                                                                              4h
                                                                                         70
                                                                                                          5
                                                                                                                             G 0300.00
                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                  1
                                                                    С
   0.70274129E+01 0.38263414E-01-0.13915499E-04 0.23291760E-08-0.14845631E-12
                                                                                                                                                                                                                                  2
-0.33247496E+05 \quad 0.10160912E+02 \quad 0.39831936E+01 \quad 0.65486819E-01-0.54516993E-04
                                                                                                                                                                                                                                  3
  0.19785215E-07-0.12096370E-11-0.34432922E+05 0.18713594E+02
                                                                                                                                                                                                                                  4
                               4/ 3/ 0 thermc
                                                                                           70
                                                                               4h
                                                                                                            1
                                                                                                                           0q
                                                                                                                                         300.000 5000.000 1395.000
                                                                                                                                                                                                                                21
   1.53137780e+01 1.43427017e-02-4.81625517e-06 7.39574839e-10-4.26140814e-14
-7.29342884e + 02 - 5.52937859e + 01 - 1.60619192e + 00 5.58562682e - 02 - 4.35595767e - 05
                                                                                                                                                                                                                                  3
  1.70589279e-08-2.65635180e-12 4.85090326e+03 3.47112559e+01
                                          11/20/07 c
                                                                              4h
                                                                                             70
                                                                                                            3
                                                                                                                           0G
                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                31
c2h5coch2qi
   0.38571138E+01 0.36268853E-01-0.13350632E-04 0.22542255E-08-0.14458411E-12
                                                                                                                                                                                                                                  2
-0.22358531E+05 0.18663910E+02 0.21409371E+01 0.56118496E-01-0.44536089E-04
                                                                                                                                                                                                                                  3
  0.16397523E-07-0.12623584E-11-0.23484295E+05 0.21826933E+02
                                          11/20/07 c
                                                                               4h
                                                                                              70
                                                                                                            3
                                                                                                                           0G
                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                31
ch3chcoch2a
   0.42394428E+01 \quad 0.35741135E-01-0.13102807E-04 \quad 0.22049429E-08-0.14103318E-12
                                                                                                                                                                                                                                  2.
-0.19761291E+05 \ \ 0.18116451E+02 \ \ 0.35533347E+01 \ \ 0.54249760E-01-0.45959878E-04
                                                                                                                                                                                                                                  3
  0.19584725E-07-0.24972672E-11-0.21250836E+05 0.15571623E+02
                                                                                                                                                                                                                                  4
ch3chqjcoch2q 11/20/07 c
                                                                                             70
                                                                               4h
                                                                                                         5
                                                                                                                         0G
                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                31
   0.66088834E+01 \quad 0.40016297E-01-0.14921512E-04 \quad 0.25411044E-08-0.16389102E-12
                                                                                                                                                                                                                                  2.
-0.34647473E+05 \quad 0.12188988E+02 \quad 0.22339897E+01 \quad 0.73329173E-01-0.63757965E-04
                                                                                                                                                                                                                                  3
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0.24175502E-07-0.19309962E-11-0.35705379E+05 0.26745338E+02
                                                                                                                                                                                                                                                                                                                                                                                                            4
 c4h8hco-2 2/25/ 9 ThERGc 5h 9o 1 0G 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                        31
     0.66388712E + 01 \quad 0.33017617E - 01 - 0.11292109E - 04 \quad 0.18096782E - 08 - 0.11189883E - 12
                                                                                                                                                                                                                                                                                                                                                                                                            2.
 3
     0.30307202E-07-0.67590638E-11-0.67211289E+04 0.27562559E+02
                                                                                                                                                                                                                                                                                                                                                                                                            4
 c4h7hco-1 7/6/7 Thermc 5h 8o 1 0G 300.000 5000.000 1379.000
                                                                                                                                                                                                                                                                                                                                                                                                        31
     1.59299730E+01 1.84432887E-02-6.21997362E-06 9.57537306E-10-5.52580126E-14
                                                                                                                                                                                                                                                                                                                                                                                                            2
 3
     1.10391295E-08-1.49578391E-12-1.45595753E+04 2.40234219E+01
                                                                                                                                                                                                                                                                                                                                                                                                            4
 c4h7co-1 7/6/7 Thermc 5h 7o 1 0G 300.000 5000.000 1378.000
                                                                                                                                                                                                                                                                                                                                                                                                        31
     2
 -8.55858619E + 02 - 5.10065564E + 01 \quad 2.09347005E + 00 \quad 4.59484008E - 02 - 3.00651488E - 05 \quad 4.59484008E - 02 - 3.00651488E - 02 - 3.0065148E - 02 - 3.0065148E - 02 - 3.0065148E - 02 - 3.0065148E - 
                                                                                                                                                                                                                                                                                                                                                                                                            3
     9.99306335E-09-1.34709811E-12 3.96659370E+03 2.14210959E+01
                                                                                                                                                                                                                                                                                                                                                                                                            4
 c4h7hco-2 2/25/ 9 Thermc 5h 8o 1 0G 300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                        31
     1.50265898E + 01 \ 1.98533832E - 02 - 6.83413130E - 06 \ 1.06561288E - 09 - 6.20117822E - 14
                                                                                                                                                                                                                                                                                                                                                                                                            2
 -2.05562762E + 04 - 4.97672026E + 01 4.19720449E - 01 5.14338117E - 02 - 3.24110908E - 05
                                                                                                                                                                                                                                                                                                                                                                                                            3
     1.03305738E-08-1.33536312E-12-1.51894369E+04 2.96497075E+01
                                                                                                                                                                                                                                                                                                                                                                                                            4
c4h7co-2 2/25/9 Thermc 5h 7o 1 0G 300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                        31
     1.46069636E+01 1.77278548E-02-6.11539466E-06 9.54916411E-10-5.56262722E-14
 -1.59318351E + 03 - 4.58431667E + 01 1.19183326E + 00 4.66489693E - 02 - 2.93898842E - 05
                                                                                                                                                                                                                                                                                                                                                                                                            3
     9.28937321E-09-1.18024785E-12 3.33903076E+03 2.71153940E+01
 ! Base C5
nc5h12
                                                                                                                       c 5h 12o
                                                                                                                                                                                         0
                                                                                                                                                                                                                     G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                            1
     0.69037890E+01 0.38945273E-01-0.14318298E-04 0.24153177E-08-0.15480237E-12
                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.22813555 \pm +05 -0.10285370 \pm +02 -0.37944520 \pm +00 -0.54735661 \pm -01 -0.15632966 \pm -04
                                                                                                                                                                                                                                                                                                                                                                                                             3
 -0.12797436E-07 0.78605664E-11-0.20787176E+05 0.27959454E+02
Ac5h11
                                                                                                                    c 5h 11o 0
                                                                                                                                                                                                           G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                            1
     0.11840229E + 02 \quad 0.26898146E - 01 - 0.82338529E - 05 \quad 0.12203893E - 08 - 0.71540992E - 13 \\ 0.12203893E - 0.00092E - 
                                                                                                                                                                                                                                                                                                                                                                                                             2.
     0.12649160E + 04 - 0.33695976E + 02 - 0.83049029E + 00 \\ 0.63527279E - 01 - 0.47358484E - 04 \\ 0.63527279E - 0.0484844E - 0.4788484E - 0.47884844E - 0.4788484E - 0.47884844E - 0.4788484E - 0.4788484E - 0.47884844E - 0.47884844E - 0.4788484E - 
                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.19638760E-07-0.33058777E-11 0.47048857E+04 0.31432556E+02
                                                                                                                                                                                                                                                                                                                                                                                                             4
                                                                                                                     c 5h 11o 0 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                            1
     0.11266620E + 02 \quad 0.28864660E - 01 - 0.10510950E - 04 \quad 0.18592610E - 08 - 0.12582250E - 12 \\
 -0.36539210E + 03 - 0.29844090E + 02 \quad 0.68113700E + 00 \quad 0.48241750E - 01 - 0.79634290E - 05 \quad 0.48241750E - 0.48241750E 
                                                                                                                                                                                                                                                                                                                                                                                                             3
-0.21500460E-07 0.11894760E-10 0.31181900E+04 0.27408430E+02
                                                                                                                                                                                                                                                                                                                                                                                                             4
                                                                                                                     c 5h 11o 0 G 0300.00 5000.00 1000.00
     0.94056873E + 01 \quad 0.30186320E - 01 - 0.96252134E - 05 \quad 0.14704192E - 08 - 0.88102140E - 13
     0.11961777E + 04 - 0.20527222E + 02 - 0.10294762E + 01 \\ 0.64833365E - 01 - 0.51353636E - 04 \\ 0.64833365E - 01 - 0.5135366E - 04 \\ 0.64833365E - 01 - 0.513536E - 04 \\ 0.648336E - 01 - 0.513536E - 04 \\ 0.648336E - 01 - 0.51356E - 01 \\ 0.64836E - 0.51356E - 0.51366E - 
     0.22927182E-07-0.39997003E-11 \ 0.36354197E+04 \ 0.31599148E+02
 c5h10 Burcat n 4/87c 5.h 10. 0. 0.G 200.000 6000.000 1000.
     1.19501622E+01 \ 2.52159997E-02-8.85685260E-06 \ 1.42602177E-09-8.54794944E-14
 -8.52115733E+03-3.65337724E+01 5.88359146E+00 5.10403590E-03 9.78286629E-05
 -1.32389833E-07 5.32233940E-11-5.16825430E+03 3.41988594E+00-2.55938113E+03
                                                                                                                       c 5h 100 00 0G 300.00
                                                                                                                                                                                                                                                                                     5000.00 1000.00
     0.98119410E + 01 \quad 0.28230600E - 01 - 0.10398800E - 04 \quad 0.18491010E - 08 - 0.12550480E - 128000E - 010000E - 010000E - 010000E - 01000E - 01000E
 -0.84689020E + 04 - 0.25010800E + 02 - 0.29772320E + 00 \quad 0.44258840E - 01 - 0.86268990E - 07 - 0.86268990E - 0.08468990E - 0.084689990E - 0.08468990E - 0.0846990E - 0.084690E - 0.084690
 -0.29032720E-07 0.14525230E-10-0.50205490E+04 0.30271050E+02
                                                                                                                       c 5h 100 00 0G 300.00
                                                                                                                                                                                                                                                                                           5000.00 1000.00
     0.98119420E + 01 \quad 0.28230630E - 01 - 0.10398820E - 04 \quad 0.18491130E - 08 - 0.12550520E - 12 - 0.12550520E - 0.125500E - 0.12550520E - 0.125500E - 0.1255000E - 0.125500E - 0.125500E - 0.125500E - 0.125500E - 0.125500E - 0.12550
 -0.90727670E + 04 - 0.25715310E + 02 - 0.29836710E + 00 \\ 0.44263500E - 01 - 0.98045260E - 07
 -0.29020110E-07 0.14520380E-10-0.56243540E+04 0.29569240E+02
                                                                 11/28/2007 c 5h 9o
                                                                                                                                                                                       0
                                                                                                                                                                                                                  OG 300.000 5000.000 1000.000
      0.13641939E+02 0.18557966E-01-0.51122247E-05 0.70279593E-09-0.39154474E-13
     0.25387028E-07-0.61655381E-11 0.18841400E+05 0.30043015E+02
                                                                                                                       c 5h 90
                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                        00 OG 300.00
      0.13705730E + 02 0.18582760E - 01 - 0.51383140E - 05 0.70910480E - 09 - 0.39653520E - 13
     0.20013520E + 05 - 0.44697850E + 02 - 0.56099670E + 00
0.55861020E - 01 - 0.43174220E - 04
                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.20314560E - 07 - 0.46176200E - 11 \quad 0.24333980E + 05 \quad 0.30202250E + 02
                                                                                                                                                                                                                                                                                                                                                                                                            4
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Bc5h9-1 1/25/8 Thermc 5h 9 0 0G 300.000 5000.000 1390.000

31

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1.39474859E+01 2.04521287E-02-6.96967387E-06 1.07931978E-09-6.25066129E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
       1.90755987E+04-4.56205587E+01 7.12538388E-01 4.89480531E-02-2.99536208E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       9.37086243E-09-1.19699264E-12 2.39583024E+04 2.63919649E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                                                                                                                    200.000 6000.000 1000.000
Cc5h9-1 Burcat
                                                                                                                                                                                   5h
                                                                                                                                                                                                                 90
                                                                                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      31
                                                                                                                                                         C
                                                                                                                                                                                                                                                 0
       1.11277742E+01 2.38252436E-02-8.44023460E-06 1.34549364E-09-7.97578298E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
       8.68711411E+03-3.07833429E+01 2.34425040E+00 3.21504141E-02 2.45295981E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
-5.81110933E-08 2.68653496E-11 1.17932336E+04 1.81635883E+01 1.40357192E+04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                      7/ 2/ 7 ThERMc
                                                                                                                                                                                   5h
Ec5h9-1
                                                                                                                                                                                                            9
                                                                                                                                                                                                                                                  Ω
                                                                                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       31
       1.41604486E+01 2.02710046E-02-6.90765357E-06 1.06972742E-09-6.19529514E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
       1.49795090E+04-4.65356181E+01-3.00352280E-01 5.29029897E-02-3.50199571E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
      1.21280172E-08-1.74459793E-12 2.01482388E+04 3.15883658E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
Dc5h9-2
                                                                                                                                                                                   5h
                                                                                                                                                                                                                 90
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       0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \quad 0.16620690E - 08 - 0.11304350E - 12 \\ 0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \\ 0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \\ 0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \\ 0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \\ 0.10808840E + 02 \quad 0.25114660E - 01 - 0.93133430E - 05 \\ 0.10808840E + 0.008080E - 0.0080
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 -0.21376010E-07 0.11678100E-10 0.89833620E+04 0.23749610E+02
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       0.17693907E+02 0.25206689E-01-0.73175647E-05 0.10446389E-08-0.59711967E-13
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-0.17954648E + 05 - 0.60869202E + 02 \quad 0.37462369E + 00 \quad 0.68274647E - 01 - 0.40443552E - 04 - 0.40443552E - 0.404443552E - 0.4044445E - 0.404445E - 0.40445E - 0.4045E - 0.4045
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      0.60420766E-08 0.23256178E-11-0.12853773E+05 0.30001059E+02
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       0.17815870E+02 0.25252532E-01-0.73544652E-05 0.10514271E-08-0.60109863E-13
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-0.20360367E + 05 - 0.61852409E + 02 \quad 0.45328522E + 01 \quad 0.41307453E - 01 \quad 0.24998693E - 04 \quad 0.41307453E - 01 \quad 0.41307455E - 0.415074E - 0.41507
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-0.58668839E-07 0.24622018E-10-0.15895555E+05 0.11408155E+02
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-0.20088693E + 05 - 0.62546471E + 02 0.45702310E + 01 0.41049715E - 01 0.25613848E - 04
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-0.59279056E-07 0.24836746E-10-0.15627834E+05 0.10555774E+02
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      0.34870865E-07-0.74775854E-11-0.91428008E+04 0.31201130E+02
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      0.18197788E + 02 \quad 0.23485268E - 01 - 0.65141744E - 05 \quad 0.89930724E - 09 - 0.50209694E - 13 \\ 0.18197788E + 02 \quad 0.23485268E - 01 - 0.65141744E - 05 \\ 0.89930724E - 09 - 0.50209694E - 13 \\ 0.89930724E - 0.50209694E - 13 \\ 0.89930724E - 0.50209694E - 13 \\ 0.89930724E - 0.50209694E - 10.50209694E - 10.5020969694E - 10.50209694E - 10.50209694E - 10.50209694E - 10.50209694E - 10.5020969694E - 10.502096
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       \texttt{0.35055390E-07-0.74986363E-11-0.72798706E+04~0.31315548E+02} \\
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      0.18188309E + 02 \quad 0.23501348E - 01 - 0.65232957E - 05 \quad 0.90142627E - 09 - 0.50382370E - 13 \quad 0.23501348E - 01 - 0.65232957E - 05 \quad 0.90142627E - 09 - 0.50382370E - 13 \quad 0.90142627E - 0
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-0.12032990E + 05 - 0.59352737E + 02 \quad 0.41875389E + 00 \quad 0.77245265E - 01 - 0.69588270E - 04 - 0.69588270E - 0.6958820E - 0.69
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      0.35668727E-07-0.77042374E-11-0.72747871E+04 0.31507940E+02
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      0.17981339E + 02 \quad 0.23902215E - 01 - 0.66944849E - 05 \quad 0.93115105E - 09 - 0.52278270E - 13 - 0.06948849E - 0.069484849E - 0.069484849E - 0.06948849E - 0.069484849E - 0.0694849E - 0.0694849E - 0.069484849E - 0.069484849E - 0.06948484
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-0.11997775E + 05 - 0.58303978E + 02 \quad 0.14070796E + 01 \quad 0.70242055E - 01 - 0.53939111E - 04 \quad 0.70242055E - 01 - 0.53939111E - 0.70242055E - 0.70242055E - 0.7024205E - 0.70
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      0.21400107E - 07 - 0.30121725E - 11 - 0.73704863E + 04 0.27386412E + 02
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       0.18553434E+02 0.23457348E-01-0.65568925E-05 0.91130709E-09-0.51169931E-13
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      0.26247735E-07-0.43729946E-11-0.61825083E+04 0.30592690E+02
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-0.13857056E + 05 - 0.62549164E + 02 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 05 0.49879084E + 01 0.46478335E - 01 0.75884550E - 01 0.75884550E - 01 0.49879084E + 01 0.46478335E - 01 0.75884550E - 01 0.75884550E - 01 0.49879084E + 01 0
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-0.41499785E-07 0.18991593E-10-0.95966904E+04 0.11204841E+02
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       0.17709667E+02 0.24069384E-01-0.67498613E-05 0.94133845E-09-0.53032106E-13
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-0.17075113E+05-0.57344658E+02 0.53862910E+01 0.45521099E-01 0.36585106E-05
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-0.34866385E-07 0.16336033E-10-0.13272936E+05 0.89649525E+01
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      0.18317825E + 02 \quad 0.23533041E - 01 - 0.65516374E - 05 \quad 0.90639368E - 09 - 0.50651208E - 13 \\ 0.18317825E + 02 \quad 0.23533041E - 01 - 0.65516374E - 05 \quad 0.90639368E - 09 - 0.50651208E - 13 \\ 0.18317825E + 0.2081648E - 0.008168E - 0.0
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-0.14441848E + 05 - 0.60380569E + 02 \quad 0.46930351E + 01 \quad 0.49489446E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.22892000E - 05 \quad 0.46930351E + 01 \quad 0.4948946E - 01 - 0.4948946E - 0.4948946E - 0.4948946E - 0.4948946E - 0.4948946E - 0.4948946E - 0.494896E - 0.494
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-0.30863038E-07 0.15226929E-10-0.10329230E+05 0.12418933E+02
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       0.18103209E+02 0.23947487E-01-0.67307633E-05 0.93793984E-09-0.52691758E-13
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-0.14403750E+05-0.59289696E+02 0.57950335E+01 0.41689478E-01 0.15292435E-04
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 -0.47076437E-07 0.20611939E-10-0.10436969E+05 0.78172059E+01
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        0.18678057E+02 0.23497580E-01-0.65901481E-05 0.91738317E-09-0.51525516E-13
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 -0.13513839E + 05 - 0.62672020E + 02 \quad 0.50832539E + 01 \quad 0.45818452E - 01 \quad 0.91703050E - 05 \quad 0.91703050E - 0.917030E - 0.917030E - 0.917030E - 0.917030E - 0.917030E - 0.917050E - 0.9170
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 -0.43075772E-07 0.19548429E-10-0.92546572E+04 0.10800849E+02
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         0.18678057E+02 0.23497580E-01-0.65901481E-05 0.91738317E-09-0.51525516E-13
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 -0.13242098E + 05 - 0.62672020E + 02 \quad 0.50832539E + 01 \quad 0.45818452E - 01 \quad 0.91703050E - 05 \quad 0.91703050E - 0.917030E - 0.91703050E - 0.917030E - 0.917030E - 0.917030E - 0.917030E - 0.917030E - 0.917050E - 0.917050
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 -0.43075772E-07 0.19548429E-10-0.89829160E+04 0.10800845E+02
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 -0.14132009E + 05 - 0.59289703E + 02 \quad 0.57950335E + 01 \quad 0.41689478E - 01 \quad 0.15292435E - 04 \quad 0.41689478E - 01 \quad 0.41689478E - 0.416894
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 -0.47076437E-07 \quad 0.20611939E-10-0.10165229E+05 \quad 0.78172021E+01
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         0.22536865E+02 0.23870159E-01-0.64956016E-05 0.88758306E-09-0.49379751E-13
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 -0.33566445E + 05 - 0.80749680E + 02 \quad 0.36972833E + 01 \quad 0.58210768E - 01 \quad 0.63013604E - 05 \quad 0.63013604E - 0.63014604E - 0.65014604E - 0.65014604E - 0.65014604E - 0.650140404E - 0.65014604E - 0.65014604E - 0.65014604E - 0.65014604E - 0
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 -0.51754320E-07 0.24379488E-10-0.27888119E+05 0.20090536E+02
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 -0.58334717E-07 0.25693662E-10-0.26595586E+05 0.73948445E+01
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 -0.31704148E + 05 - 0.80099495E + 02 0.65332913E + 01 0.49625736E - 01 0.17395208E - 04
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 -0.57487750E-07 0.25396334E-10-0.26589920E+05 0.76178002E+01
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 -0.31975850E + 05 - 0.80098167E + 02 \quad 0.65110831E + 01 \quad 0.49780425E - 01 \quad 0.17022903E - 04 \quad 0.17022903E - 0.17022905E - 0.1702005E - 0.1702005E - 0.1702005E - 0.1702005E - 0.1702005E - 0.1702
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 -0.57115933E-07 0.25264783E-10-0.26859299E+05 0.77129507E+01
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        0.22611748E + 02 \quad 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24565097E - 01 - 0.68287231E - 05 \quad 0.94424624E - 09 - 0.52776732E - 13 \\ 0.24567699 - 0.000099E - 0.000099E - 0.000099E - 0.00009E - 0.000009E - 0.00009E - 0
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        0.92221484E-08 0.23948675E-11-0.23806771E+05 0.27421509E+02
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        0.22704323E + 02 \quad 0.24664732E - 01 - 0.68989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 05 \quad 0.95939101E - 09 - 0.53895243E - 13 - 0.068989102E - 0.06898989102E - 0.06898989102E - 0.068989102E - 0.068989102E - 0.068989102E - 0.068989102E - 0.068
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 -0.31704240E + 05 - 0.80100182E + 02 \quad 0.65857382E + 01 \quad 0.49265649E - 01 \quad 0.18251547E - 04 \quad 0.18251547E - 0.18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
 -0.58334717 \\ E-07 \quad 0.25693662 \\ E-10-0.26595586 \\ E+05 \quad 0.73947296 \\ E+01 \quad 0.2659558 \\ E+05 \quad 0.7394729 \\ E+01 \quad 0.2659558 \\ E+05 \quad 0.2659558 \\ E+05 \quad 0.2659558 \\ E+05 \quad 0.265958 \\ E+05 \quad 0.26598 \\ E+05 \quad 0.2
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 c5h10qjBqB
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        2.
 -0.35009141E+05-0.71761108E+02 \quad 0.40527296E+01 \quad 0.54920383E-01 \quad 0.17344197E-04 \quad 0.173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
 -0.63876158E-07 0.29235878E-10-0.30017166E+05 0.16731565E+02
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         0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 0.2410080E + 0.2410
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 -0.34839512E + 05 - 0.87962540E + 02 \quad 0.66838330E + 00 \quad 0.90424120E - 01 - 0.74138872E - 04 - 0.06838330E + 00 \quad 0.90424120E - 01 - 0.74138872E - 04 - 0.06838330E + 00 \quad 0.90424120E - 01 - 0.74138872E - 0.06838330E + 0.068383830E + 0.06838382E + 0.06838330E + 0.068382E + 0.06842E + 0.06842E
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        0.27231698E-07-0.24456429E-11-0.28539984E+05 0.32375317E+02
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         0.24100880E+02 0.23195846E-01-0.63645057E-05 0.87288637E-09-0.48576699E-13
 0.28450476E-07-0.28745201E-11-0.28803697E+05 0.32693100E+02
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         0.22704323E+02 0.24664732E-01-0.68989102E-05 0.95939101E-09-0.53895243E-13
 -0.31975957E+05-0.80100540E+02 0.65706697E+01 0.49368002E-01 0.18010354E-04
 -0.58097960E-07 0.25611062E-10-0.26865682E+05 0.74584398E+01
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        2.
 -0.31704217E + 05 - 0.79407333E + 02 \quad 0.65706697E + 01 \quad 0.49368002E - 01 \quad 0.18010354E - 04 \quad 0.18010354E - 0.1801054E - 0.18010
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 -0.58097960E-07 0.25611062E-10-0.26593941E+05 0.81516495E+01
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        0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 02 \quad 0.23195846E - 01 - 0.63645057E - 05 \quad 0.87288637E - 09 - 0.48576699E - 13 \\ 0.24100880E + 0.2410080E + 0.24100
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0.28450476E-07-0.28745201E-11-0.28531955E+05 0.32000023E+02
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c5h9oAqA
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-0.76889977E+01 0.68728060E-01-0.29526038E-04 0.55550204E-08-0.38445576E-12
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-0.46396250E + 05 \quad 0.84707344E + 02 - 0.15825053E + 01 \quad 0.79188794E - 01 - 0.58870621E - 04 \quad 0.79188794E - 0.7918874E - 0.7918874E - 0.7918874E - 0.7918874E - 0.7918874E - 0.7
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    0.16979799E-07 0.85144115E-12-0.51054953E+05 0.42619511E+02
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     0.68301406E+01 0.45276750E-01-0.17631643E-04 0.30959562E-08-0.20403075E-12
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-0.42563062E + 05 \quad 0.52057114E + 01 \quad 0.10189350E + 01 \quad 0.73376060E - 01 - 0.50587420E - 04 \quad 0.73376060E - 0.73376060E - 0.75687420E - 0.75
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    0.12252393E-07 0.12595848E-11-0.42398086E+05 0.30308630E+02
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c5h9oAqC
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     0.32461290E + 01 \quad 0.50813373E - 01 - 0.20346029E - 04 \quad 0.36429888E - 08 - 0.24340339E - 12 - 0.2434039E - 0.2434039E - 0.243409E - 0.243400E - 0.243400E - 0.243400E - 0.24340E - 0.24440E - 0.2444
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-0.41764727E+05 \quad 0.25726212E+02 \quad 0.22568398E+01 \quad 0.70007764E-01-0.48333295E-04
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    0.11598830E-07 \ 0.15216308E-11-0.43385512E+05 \ 0.24266018E+02
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c5h9oAqD
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     0.32397523E+01 0.50826870E-01-0.20357975E-04 0.36466417E-08-0.24375529E-12
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-0.42033457E+05 0.25762238E+02 0.21234810E+01 0.70941411E-01-0.50596915E-04
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    0.13877788E-07 0.70879180E-12-0.43643105E+05 0.24829575E+02
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c5h9oAqE
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     0.74287076E+01 0.43161303E-01-0.16387514E-04 0.28254508E-08-0.18376212E-12
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-0.41227148E + 05 \quad 0.28907776E + 01 \quad 0.25404897E + 01 \quad 0.67104273E - 01 - 0.45098775E - 04 \quad 0.67104273E - 0.0608775E - 0.060875E - 0.0608775E - 0.060875E - 0.0
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     0.11588649E-07 0.66803529E-12-0.41101148E+05 0.23936031E+02
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c5h9oBqA
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     0.32062416E+01 0.50021708E-01-0.19799412E-04 0.35172454E-08-0.23373455E-12
                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.42666461E+05 0.25951569E+02 0.30796070E+01 0.65284565E-01-0.43594682E-04
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    0.10818820E-07 0.10694418E-11-0.44325527E+05 0.20701454E+02
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c5h9oBqC
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    0.83195457E+01 \quad 0.42585067E-01-0.16255251E-04 \quad 0.28143641E-08-0.18364147E-12
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3
    0.11425844E-07 0.11917078E-11-0.45907824E+05 0.31207972E+02
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c5h9oBaD
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    2
-0.46350164E+05 \quad 0.16358330E+02 \quad 0.20241070E+01 \quad 0.69285154E-01-0.46930687E-04 \quad 0.69285154E-04 \quad 0.
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    0.11345183E-07 0.12476532E-11-0.47163527E+05 0.25303612E+02
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c5h9oBqE
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    0.85829544E+01 \quad 0.41070454E-01-0.15352405E-04 \quad 0.26212037E-08-0.16947529E-12
                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.45383957E + 05 - 0.41893387E + 01 \quad 0.23371372E + 01 \quad 0.66157855E - 01 - 0.43104665E - 04 \quad 0.6615785E - 01 - 0.43104665E - 04 \quad 0.6615785E - 01 - 0.6615785E - 01 - 0.43104665E - 04 \quad 0.6615785E - 01 - 0.661578E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                    3
     \texttt{0.10687289E-07} \ \ \texttt{0.64402910E-12-0.44610309E+05} \ \ \texttt{0.24851892E+02} 
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c5h9oCaA
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-0.42473073E+01 \quad 0.62893398E-01-0.26460075E-04 \quad 0.49042108E-08-0.33574093E-12
                                                                                                                                                                                                                                                                                                                                                                                                                    2.
-0.40374328E+05 \quad 0.67679298E+02 \quad 0.19282467E+01 \quad 0.70314690E-01-0.50499875E-04
                                                                                                                                                                                                                                                                                                                                                                                                                    3
    0.13774643E-07 \ 0.11378653E-11-0.44759590E+05 \ 0.26293476E+02
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c5h9oCqB
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-0.49886513E+01 \quad 0.65406688E-01-0.28030090E-04 \quad 0.52636682E-08-0.36376176E-12
                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.41678141E+05 \quad 0.70718826E+02 \quad 0.20620613E+00 \quad 0.77964954E-01-0.59267168E-04
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    0.17677250E-07 0.59496299E-12-0.46034914E+05 0.33516747E+02
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c5h10o-AB
                                                            Therqas
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     0.21552544E+02 0.14900521E-01-0.39925217E-05 0.53884580E-09-0.29695325E-13
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-0.26248236E + 05 - 0.90419800E + 02 - 0.69393861E + 00 \quad 0.60455352E - 01 - 0.31874799E - 04 - 0.60455352E - 01 - 0.31874799E - 04 - 0.60455352E - 01 - 0.604552E - 0.00452E - 0.
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    0.42285957E-08 0.84971646E-12-0.18583396E+05 0.30189991E+02
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c5h10o-BC
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     0.18668573E+02 0.19763462E-01-0.60541324E-05 0.89919050E-09-0.52862720E-13
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3
    0.62698526E-08 0.97800771E-12-0.21126602E+05 0.30337227E+02
c5h10o-AC
                                                            Thergas
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     0.56944847E+01 0.43825392E-01-0.18080451E-04 0.33056706E-08-0.22413904E-12
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-0.24403863E+05-0.78636398E+01-0.87576046E+01 0.10453284E+00-0.12373093E-03
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    0.86439428 \\ E-07-0.24114238 \\ E-10-0.21094090 \\ E+05 \quad 0.62346928 \\ E+02
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c5h10o-BD
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-0.24403863E + 05 - 0.78636398E + 01 - 0.87576046E + 01 \\ 0.10453284E + 00 - 0.12373093E - 03 \\ -0.24403863E + 05 - 0.78636398E + 01 \\ -0.87576046E + 01 \\ -0.10453284E + 00 - 0.12373093E - 03 \\ -0.24403863E + 05 - 0.78636398E + 01 \\ -0.87576046E + 01 \\ -0.87576046 + 01 \\ -0.87576046 + 01 \\ -0.87576046 + 01 \\ -0.87576046 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\ -0.8757604 + 01 \\
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     0.86439428E-07-0.24114238E-10-0.21094090E+05 0.62346928E+02
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c 5h 10o 1
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c5h10o-AD
                                                                      Thergas
 -0.13977613E+02 0.78190595E-01-0.36647951E-04 0.73355220E-08-0.53103745E-12
 -0.22985982E + 05 \quad 0.10428535E + 03 - 0.30065763E + 01 \quad 0.79104722E - 01 - 0.61205654E - 04 \\ -0.22985982E + 05 \quad 0.10428535E + 03 - 0.30065763E + 01 \quad 0.79104722E - 01 - 0.61205654E - 04 \\ -0.22985982E + 05 \quad 0.10428535E + 03 - 0.30065763E + 01 \quad 0.79104722E - 01 - 0.61205654E - 04 \\ -0.22985982E + 05 \quad 0.10428535E + 03 - 0.30065763E + 01 \quad 0.79104722E - 01 - 0.61205654E - 04 \\ -0.22985982E + 0.00065763E + 0.00065764E + 0.0006764E + 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      0.18669297E-07 \ 0.56656784E-12-0.29281148E+05 \ 0.35812504E+02
                                                             Thergas c 5h 10o 1 G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
 c5h10o-AE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      2
 -0.39372523E + 05 - 0.12664341E + 03 - 0.40734100E + 00 \\ 0.62871918E - 01 - 0.34465607E - 04 \\ -0.39372523E + 05 - 0.12664341E + 03 - 0.40734100E + 00 \\ -0.62871918E - 01 - 0.34465607E - 04 \\ -0.62871918E - 0.0007E -
       \texttt{0.54845390E-08} \ \ \texttt{0.28399169E-12-0.29722307E+05} \ \ \texttt{0.22616488E+02} 
                                                                                                                                         c 5h 9o 1 G 0300.00 5000.00 1000.00
Ac5h9o#5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
 -0.10470942E + 02 \quad 0.67400895E - 01 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 04 \quad 0.56862679E - 08 - 0.39856844E - 12 - 0.29692994E - 0.2969294E - 0.2969294E - 0.2969294E - 0.2969294E - 0.2969294E - 0.29692994E - 0.29692994E - 0.29692994E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.36789756E + 04 \quad 0.87453041E + 02 - 0.24906321E + 01 \quad 0.77683292E - 01 - 0.65370317E - 04 \quad 0.87453041E + 02 - 0.87453041E + 01 \quad 0.87453041E + 02 - 0.87453041E + 01 \quad 0.87453041E + 0.87454041E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.23650317E - 07 - 0.10825002E - 11 - 0.92622666E + 04 \quad 0.34066238E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                         c 5h 9o 1 G 0300.00 5000.00 1000.00
Dc5h9o#5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
 -0.10640849E + 02 \quad 0.67008831E - 01 - 0.29337372E - 04 \quad 0.55934288E - 08 - 0.39081173E - 120082848488 - 01008888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 0100888 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 010088 - 
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  -0.35511182E+04 0.88210236E+02-0.29632781E+01 0.81959322E-01-0.78074510E-04
      0.36931507E-07-0.57385503E-11-0.92231953E+04 0.35484444E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
nc5h11o2h
                                                                                                                                            c 5h 12o 2 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      0.14560281E + 02 \quad 0.33323094E - 01 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 12 - 0.11260908E - 04 \quad 0.17916736E - 08 - 0.11034781E - 0.11260908E - 0.1126090908E - 0.11260908E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.36545762E + 05 - 0.42767815E + 02 \quad 0.60165477E + 01 \quad 0.36220137E - 01 \quad 0.39013208E - 04 \quad 0.39013208E - 0.0001208E - 0.00001208E - 0.00001208E - 0.0001208E - 0.00001208E - 0.0000
 -0.72076610E-07 0.29212847E-10-0.33606160E+05 0.55080686E+01
 c5h9o2h
                                                                                                                                            c 5h 10o
                                                                                                                                                                                                                      2
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
      0.14782597E+02 0.27906546E-01-0.93661038E-05 0.14842662E-08-0.91231947E-13
 -0.22487102E + 05 - 0.43542381E + 02 \quad 0.29475012E + 01 \quad 0.55770442E - 01 - 0.23849587E - 04 - 0.23849587E - 0.238497E - 0.23849
 -0.58748939E-08 0.57273786E-11-0.19080061E+05 0.18587812E+02
c5h9e2qC
                                                                                                                                          c 5h 10o 2
                                                                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
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      0.14439318E + 02 \quad 0.29251624E - 01 - 0.10087457E - 04 \quad 0.16286520E - 08 - 0.10135837E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.20634402 \pm +05 -0.42994705 \pm +02 \quad 0.38227135 \pm +00 \quad 0.70956126 \pm -01 -0.51958712 \pm -04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.16021650E-07-0.29235552E-12-0.17032570E+05 0.28589138E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4
                                                        2/29/96 thermc 5h 10o 1 0g 300.000 5000.000 1381.000
nc4h9hco
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     1.67965163e + 01 \quad 2.25684519e - 02 - 7.67631588e - 06 \quad 1.18769369e - 09 - 6.87545554e - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.
 -3.56826080 \\ e+04-6.09063312 \\ e+01 \\ 1.59663472 \\ e+00 \\ 5.43541416 \\ e-02-3.21020651 \\ e-05 \\ e
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      9.35773559e-09-1.06688932e-12-2.99841025e+04 2.21281498e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4
                                                                2/29/96 thermc 5h 9o 1 0g 300.000 5000.000 1382.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41
     1.61782939e + 01 \ 2.07991920e - 02 - 7.11787892e - 06 \ 1.10559975e - 09 - 6.41697187e - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2
 -1.66537752 e + 04 - 5.58943579 e + 01 \quad 2.43530238 e + 00 \quad 4.93682376 e - 02 - 2.89883082 e - 05 \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
     8.42863812 {e-09-9.68287172} {e-13-1.14675541} {e+04\ 1.92695879} {e+01}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4
 c3h7coch3 2/22/96 thermc 5h 10o 1 0g 300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41
     1.61841564e+01 2.35245881e-02-8.09675055e-06 1.26230690e-09-7.34487839e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.
 3
      9.14492321e-09-1.07665566e-12-3.36276472e+04\ 2.36150068e+01
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nc3h7coch2 2/22/96 thermc 5h 9o 1 0g 300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           31
     1.61502419e+01 2.14093466e-02-7.36059614e-06 1.14656816e-09-6.66712722e-14
 -1.76968561e + 04 - 5.83864884e + 019.58299271e - 015.68162532e - 02 - 3.99112781e - 05912781e - 01912781e - 019127816e - 01912781e - 01912781e - 019127861e - 0191278
     1.52671514e - 08 - 2.49221047e - 12 - 1.23062238e + 04 2.34112884e + 01
                                                                                                                                            c 5h 9o
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                                                                                                                                                                                                                                                   OG 300.000 5000.000 1397.000
      0.54157181E+01 \quad 0.42952433E-01-0.15750606E-04 \quad 0.26517366E-08-0.16970428E-12
 -0.25683588E+05 \ 0.12367142E+02 \ 0.18712276E+01 \ 0.68332709E-01-0.52316103E-04
      0.18470732E-07-0.12903681E-11-0.26371352E+05 0.24761251E+02
                                                                                                                                            c 5h 10o 3
nc3h7coch2o2h
                                                                                                                                                                                                                                                    0G 300.000 5000.000 1397.000
      0.32062416E+01 \quad 0.50021708E-01-0.19799412E-04 \quad 0.35172454E-08-0.23373455E-12
 -0.42666461E+05 0.25951569E+02 0.30796070E+01 0.65284565E-01-0.43594682E-04
      0.10818820E-07 0.10694418E-11-0.44325527E+05 0.20701454E+02
                                                                                                                                                                  5h
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                                                                                                                                                                                                                                                          0G
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                                                                                                                                            C
      0.30489545E+01 0.42815499E-01-0.15822989E-04 0.26788869E-08-0.17213252E-12
 -0.24843346E+05 0.21691303E+02 0.43079329E+00 0.64583957E-01-0.49194728E-04
      0.18655225E-07-0.19575899E-11-0.25622494E+05 0.29815250E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                                                                         0g 300.000 5000.000 1381.000
 c3h6coch3-1 2/22/96 thrmc 5h
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      1.58052948e+01 2.12787457e-02-7.31842496e-06 1.14049355e-09-6.63446381e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.
 -1.42827587e + 04 - 5.34016678e + 01 2.00033269e + 00 4.96074565e - 02 - 2.87470600e - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      8.26666830e-09-9.51074212e-13-9.01010845e+03 2.22761791e+01
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 ch3coc3h6o2-1 14/04/09 c
                                                                                                                                                                   5h 9o 3 0g 300.000 5000.000 1000.000
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0.10502599E+02 0.34717854E-01-0.11847791E-04 0.18954198E-08-0.11703724E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.28320859E + 05 - 0.16261261E + 02 \quad 0.11584612E + 01 \quad 0.69010183E - 01 - 0.51379146E - 04 \quad 0.69010184E - 01 - 0.51379146E - 0.69010186E - 0.6901086E - 0.69010186E - 0.69010186E - 0.6901086E - 0.6
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      0.17913694E-07-0.15714131E-11-0.26659459E+05 0.28783268E+02
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                                                                                                                                                     5h 10o
 ch3coc3h6o2h-1 14/04/09 c
                                                                                                                                                                                                                                                                                                                                                                                                                                         1
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                                                                                                                                                                                                                                      0g
      0.85829544E+01 0.41070454E-01-0.15352405E-04 0.26212037E-08-0.16947529E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.45383957E + 05 - 0.41893387E + 01 \quad 0.23371372E + 01 \quad 0.66157855E - 01 - 0.43104665E - 04 \quad 0.6615785E - 0.661578E 
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      0.10687289E-07 \quad 0.64402910E-12-0.44610309E+05 \quad 0.24851892E+02
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 ch3coc3h6o-1 14/04/09 c
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      0.82549505E+01 0.34366488E-01-0.11802034E-04 0.18970125E-08-0.11754458E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.27525928E + 05 - 0.75977020E + 01 - 0.23651019E + 00 \quad 0.64951554E - 01 - 0.47530280E - 04 - 0.27525928E - 0.27525828E - 0.27525928E - 0.27525928E - 0.2752582000000000
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      0.17391876E-07-0.19963909E-11-0.25915533E+05 0.33643047E+02
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 c3h6coch3-2 2/22/96 thrmc
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      1.36994763e+01 2.33997602e-02-8.20838083e-06 1.30268499e-09-7.69151198e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -1.44773517e + 04 - 4.04820065e + 01 \quad 2.20585184e + 00 \quad 4.59605697e - 02 - 2.23175553e - 05 \quad 4.5960569e - 02 - 2.23175553e - 05 \quad 4.5960569e - 02 - 2.23175556e - 02 \quad 4.5960569e - 02 - 2.23175556e - 02 \quad 4.5960569e - 02 - 2.23175556e - 02 \quad 4.5960569e - 02 - 2.2317556e - 02 \quad 4.5960569e - 02 - 2.2317556e - 02 \quad 4.5960569e - 02 - 2.2317556e - 02 \quad 4.596056e - 02 \quad 4.596066e - 02 \quad 4.59606e - 
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      4.03645332e-09-1.91585252e-14-1.02918446e+04 2.24556304e+01
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 c3h6coch3-3 2/22/96 thrmc
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      1.57976789e+01 2.17091054e-02-7.46487769e-06 1.16300253e-09-6.76366022e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
  -1.89670489e+04-5.65047695e+01 6.36829393e-01 5.50047719e-02-3.53220538e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      1.18237807e - 08 - 1.65550023e - 12 - 1.34221768e + 04 2.57839238e + 01
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 c2h5coc2h5 2/22/96 thermc
                                                                                                                                                      5h 10o
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                                                                                                                                                                                                                                       0q
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      1.67131896e+01 2.24769805e-02-7.61830162e-06 1.17658492e-09-6.80456888e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
  -3.96020446e+04-6.15362004e+01 1.59094611e+00 5.45541559e-02-3.33407641e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      1.05931387e - 08 - 1.42002914e - 12 - 3.39282740e + 04 2.09983080e + 01
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 c2h5coc2h4p 2/22/96 thrmc
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      1.62000827e + 01 2.05106647e - 02 - 6.96977982e - 06 1.07826230e - 09 - 6.24324406e - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -1.45067221e+04-5.52272610e+01 2.39449461e+00 4.98731839e-02-3.07394387e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      9.95080260e-09-1.37570832e-12-9.32123954e+03 2.01162807e+01
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 c2h5coc2h4o2
                                                                                                                                C
 -0.16824859E + 01 \quad 0.54905087E - 01 - 0.21688951E - 04 \quad 0.38464245E - 08 - 0.25524908E - 12 - 0.26824859E - 01 - 0.26824959E - 01 - 0.26824959E - 01 - 0.26824959E - 01 - 0.2682499E - 0.268249
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 3
      0.20920682E-07-0.10489410E-11-0.26808982E+05 0.30212875E+02
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 c2h5coc2h4o2h
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 -0.42238784E + 01 \quad 0.62854938E - 01 - 0.26445996E - 04 \quad 0.49027382E - 08 - 0.33574131E - 12 - 0.42238784E + 01 \quad 0.62854938E - 01 - 0.26445996E - 04 \quad 0.49027382E - 08 - 0.33574131E - 12 - 0.42238784E + 01 \quad 0.62854938E - 01 - 0.26445996E - 04 \quad 0.49027382E - 08 - 0.33574131E - 12 - 0.42238784E + 0.42238784E - 0.42238784E + 0.42238784E - 0.42238784E + 0.4223884E + 0.422384E + 0.4223884E + 0.422384E + 0.422484E + 0.4224844E + 0.422484E + 0.422484E + 0.422484454E + 0.4224844E + 0.422484E + 0.4
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.40382742E + 05 \quad 0.67549568E + 02 \quad 0.18963666E + 01 \quad 0.70548639E - 01 - 0.51094510E - 04 \quad 0.70548639E - 01 - 0.51094510E - 0.70548639E - 0.70548649E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
       \texttt{0.14400936E-07} \ \ \texttt{0.90495184E-12-0.44756355E+05} \ \ \texttt{0.26426725E+02} 
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 c2h5coc2h4o
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 -0.40753274E+01 \quad 0.54841891E-01-0.21822059E-04 \quad 0.38897738E-08-0.25905057E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 -0.22637195E+05 \quad 0.61712875E+02-0.79088342E+00 \quad 0.70102796E-01-0.57278114E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      0.22793607E - 07 - 0.23106920E - 11 - 0.26049037E + 05 \quad 0.35703491E + 02
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 c2h5coc2h4s 2/22/96 thrmc
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      1.32867426e-08-2.06966690e-12-1.37435363e+04 2.32804315e+01
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 c2h5coc2h4qj 11/13/07
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 -0.17583377E + 01 \quad 0.55035233E - 01 - 0.21755652E - 04 \quad 0.38602375E - 08 - 0.25626303E - 12 - 0.25626303E - 0.25626303E - 12 - 0.25626303E - 0.25626304E - 0.25626304E - 0.25626304E - 0.2562644E - 0.256264E - 0.256644E - 0.256644E - 0.256644E - 0.256664E - 0.25664E - 0.25664E - 0.256644E - 0.25664E - 0.256644E - 0.256644
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 -0.23453463E+05 \quad 0.52680286E+02 \quad 0.69369799E+00 \quad 0.73542967E-01-0.59649879E-04
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      0.21850004E-07-0.13702839E-11-0.26802596E+05 0.30463516E+02
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 ch3chcoc2h4q 11/13/07
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 -0.20838969E + 05 \quad 0.52371223E + 02 \quad 0.22790766E + 01 \quad 0.70479408E - 01 - 0.58204656E - 04 \quad 0.70479408E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      0.22171779E-07-0.15903023E-11-0.24587775E+05 0.23485855E+02
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 ch3chqjcoc2h4q 11/13/07 c
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      0.92725044E+00 0.58932081E-01-0.23435967E-04 0.41754116E-08-0.27795932E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.35721227E+05 0.45864994E+02 0.90637571E+00 0.89933135E-01-0.76922297E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      0.27702171E-07-0.13638130E-11-0.39036617E+05 0.34180515E+02
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 c2h5coc2h3 2/22/96 thermc
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      1.55916947e+01 1.96028302e-02-6.79737285e-06 1.06496015e-09-6.21767189e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 -2.55988351e+04-5.53302818e+01 4.89126432e-01 5.49951823e-02-3.96989101e-05
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      1.55700373e-08-2.60070818e-12-2.02458499e+04 2.59411142e+01
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pc2h4coc2h3 2/22/96 thrmc
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      1.26732841e+01 2.02366192e-02-6.61089203e-06 9.93878746e-10-5.63457733e-14
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7.74011225e+02-3.54543594e+01 7.62539679e-01 5.35805655e-02-4.36465022e-05
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    1.99232699e-08-3.73335386e-12 4.42260800e+03 2.66604751e+01
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sc2h4coc2h3 2/22/96 thrmc
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    1.58074213e+01 1.69721022e-02-5.91317608e-06 9.29449082e-10-5.43903161e-14
                                                                                                                                                                                                                                                                                                                                                            2.
 -5.49230389e + 03 - 5.69867205e + 01 - 1.60114035e - 01
5.57954071e - 02 - 4.31353298e - 05
                                                                                                                                                                                                                                                                                                                                                            3
    1.76457444e-08-2.99384261e-12-3.12060218e+01 2.83440609e+01
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divinket 7/ 9/ 7 Thermc 5h 6o 1 0G 300.000 5000.000 1397.000
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    1.40969002E+01 \ 1.66372730E-02-5.68150597E-06 \ 8.80987290E-10-5.10645507E-14
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3
    2.07833582\mathtt{E} - 08 - 3.78872500\mathtt{E} - 12 - 6.82272285\mathtt{E} + 03 \quad 2.95280694\mathtt{E} + 01
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                                                                                                        c 5h 10o 1 G 0300.00 5000.00 1000.00
c5h9oh
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    0.12603670E + 02 \quad 0.26696790E - 01 - 0.88122661E - 05 \quad 0.13779865E - 08 - 0.83808537E - 13 - 0.83808537E - 10.83808537E - 10.8380857E - 10.83808
                                                                                                                                                                                                                                                                                                                                                            2
-0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.4408170E - 0.440
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-0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
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c5h10qj
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    0.12603670E+02 0.26696790E-01-0.88122661E-05 0.13779865E-08-0.83808537E-13
                                                                                                                                                                                                                                                                                                                                                            2
-0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.4408170E - 0.440
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-0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
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c5h8-12
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    0.11702852E+02 0.20550847E-01-0.68724235E-05 0.10855719E-08-0.66538097E-13
                                                                                                                                                                                                                                                                                                                                                            2
    0.11624912E+05-0.35413887E+02 0.73222780E+00 0.45764759E-01-0.24473251E-04
                                                                                                                                                                                                                                                                                                                                                            3
    0.33784284E-08 0.98663807E-12 0.15071673E+05 0.22927427E+02
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    0.11111070E+02 0.21904440E-01-0.79576330E-05 0.14096580E-08-0.95583170E-13
                                                                                                                                                                                                                                                                                                                                                            2
    0.39057420E + 04 - 0.33442260E + 02 - 0.17544870E + 01 0.59932510E - 01 - 0.49869920E - 04
                                                                                                                                                                                                                                                                                                                                                            3
    0.21066050E-07-0.30022020E-11 0.73952550E+04 0.32532450E+02
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c5h8-14
                                               7/ 2/ 7 ThERMc 5h
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    1.35352242E+01 1.85170786E-02-6.26984814E-06 9.66983255E-10-5.58485033E-14
                                                                                                                                                                                                                                                                                                                                                            2
    6.00118884E+03-4.62552894E+01-1.64766327E+00 5.54190112E-02-4.12156069E-05
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    1.62877209E-08-2.66483052E-12 1.11493804E+04 3.48094470E+01
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                                                                                                        c 5h 70
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c5h7
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    0.12579770E+02 0.19874560E-01-0.81781220E-05 0.15382900E-08-0.10788240E-12
                                                                                                                                                                                                                                                                                                                                                            2.
    0.20662890E + 05 - 0.42998120E + 02 \quad 0.35851930E + 01 \quad 0.17591910E - 01 \quad 0.56025510E - 04 \quad 0.56025510E - 0.5602510E - 0.560251
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-0.87882890E-07 0.36386910E-10 0.24453920E+05 0.99984010E+01
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                                                                 11/20/07 c 5h 9o
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c5oBqjA
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-0.25702295E+05 \quad 0.12106483E+02 \quad 0.17463602E+01 \quad 0.69202825E-01-0.54415876E-04
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    0.20575861E-07-0.20384592E-11-0.26358047E+05 0.25289482E+02
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                                                                11/20/07 c 5h 9o
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    0.61094413E+01 \quad 0.41810937E-01-0.15194381E-04 \quad 0.25412006E-08-0.16184372E-12
                                                                                                                                                                                                                                                                                                                                                            2.
-0.23156301E+05 \ 0.10021126E+02 \ 0.23956940E+01 \ 0.72839014E-01-0.67947141E-04
                                                                                                                                                                                                                                                                                                                                                            3
    0.34523246E-07-0.67289195E-11-0.24054438E+05 0.22004173E+02
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                                                                 11/20/07 c 5h
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    0.83225765E+01 0.46442643E-01-0.17200686E-04 0.29158942E-08-0.18749409E-12
                                                                                                                                                                                                                                                                                                                                                            2
-0.38033980E + 05 \quad 0.43289032E + 01 \quad 0.21073031E + 01 \quad 0.84572539E - 01 - 0.69264512E - 04 \quad 0.84572539E - 01 - 0.69264512E - 04 \quad 0.84572539E - 01 - 0.89264512E -
                                                                                                                                                                                                                                                                                                                                                            3
    0.24043253E-07-0.12018551E-11-0.38608016E+05 0.28375637E+02
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                                                                  11/20/07 c 5h
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    0.84112520E+01 0.30479014E-01-0.10173741E-04 0.16042790E-08-0.98178593E-13
-0.10652657E + 05 - 0.10425461E + 02 - 0.39275306E + 00 0.65943569E - 01 - 0.61506849E - 04
                                                                                                                                                                                                                                                                                                                                                            3
    0.34369855E-07-0.81946819E-11-0.90419854E+04 0.31694725E+02
                                                                  11/20/07 c
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    0.10502599E+02 0.34717854E-01-0.11847791E-04 0.18954198E-08-0.11703724E-12
                                                                                                                                                                                                                                                                                                                                                            2
-0.28320859E + 05 - 0.16261261E + 02 \quad 0.11584612E + 01 \quad 0.69010183E - 01 - 0.51379146E - 04 \\ -0.28320859E + 05 - 0.16261261E + 02 \quad 0.11584612E + 01 \quad 0.69010183E - 01 - 0.51379146E - 04 \\ -0.28320859E + 0.5 - 0.16261261E + 0.2 \quad 0.11584612E + 0.1 \quad 0.69010183E - 0.1 - 0.51379146E - 0.4 \\ -0.28320859E + 0.105820859E + 0.10582085959E + 0.105820859E + 0.105820859E + 0.105820859E + 0.105820859E + 0.105820859E + 0.1058208
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    0.17913694E-07-0.15714131E-11-0.26659459E+05 0.28783268E+02
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                                                                  11/20/07 c
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    0.10992082E+02 0.33954728E-01-0.11520006E-04 0.18387609E-08-0.11353867E-12
                                                                                                                                                                                                                                                                                                                                                            2.
-0.25714953E + 05 - 0.17498596E + 02 \quad 0.16603444E + 01 \quad 0.73668070E - 01 - 0.67363348E - 04 \quad 0.73668070E - 0.736680E 
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    0.34308595E-07-0.71277784E-11-0.24340049E+05 0.26101370E+02
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c5oBaEaiC
    0.40521393E+02-0.31900214E-03-0.61855308E-08 0.64174875E-12-0.48531977E-16
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0.74398181E-08-0.46682330E-12-0.39222012E+05 0.20564930E+02
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       0.17036451E+02 0.21085760E-01-0.59852791E-05 0.83724311E-09-0.47007516E-13
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      0.16445126E-07-0.19152533E-11 0.24253323E+04 0.30887608E+02
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-0.39405137E + 04 - 0.52895790E + 02 \quad 0.19485227E + 01 \quad 0.59933204E - 01 - 0.41249863E - 04 \quad 0.59933204E - 0.599324E - 0.599324E - 0.599324E - 0.599324E - 0.59933204E - 0.599324E - 0.599524E - 
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      0.13616687E-07-0.15544622E-11 0.29947342E+03 0.23936609E+02
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c5e1qEqjC
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      0.23257355E + 02 \quad 0.19122129E - 01 - 0.50626313E - 05 \quad 0.67521877E - 09 - 0.36796324E - 13 \\ 0.19122129E - 01 - 0.50626313E - 05 \\ 0.19122129E - 01 - 0.50626313E - 0.50626314E - 0.5062644E - 0.506644E - 0.50664
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2
-0.16073713E + 05 - 0.83020554E + 02 \quad 0.19898301E + 01 \quad 0.77482268E - 01 - 0.60069353E - 04 \quad 0.00069353E - 0.00069354E - 0.000694E - 0.00
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      0.20526699E-07-0.19769295E-11-0.10225527E+05 \ 0.26901392E+02
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       0.38424346E+01 0.44957586E-01-0.18295410E-04 0.33131282E-08-0.22313522E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2
-0.26065512E + 05 \quad 0.22733135E + 02 \quad 0.26205955E + 01 \quad 0.64075150E - 01 - 0.45573794E - 04 - 0.064075150E - 01 - 0.45573794E - 0.064075150E - 01 - 0.064075150E - 0.0640750E - 0.064075150E - 0.0640750E - 0.064075150E - 0.0640750E - 0.06
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      0.10795441E-07 0.16164129E-11-0.27548146E+05 0.22740942E+02
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       0.14510395E+02 0.17770655E-01-0.48361994E-05 0.65782796E-09-0.36320668E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2
       3
       0.30580047E-07-0.78414688E-11 0.18134416E+05 0.30981623E+02
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isope
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       0.11847440E+02 0.21077490E-01-0.75629260E-05 0.13340700E-08-0.90289560E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2
       0.35829570E + 04 - 0.37841320E + 02 - 0.26532330E + 01 0.69199530E - 01 - 0.71369600E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3
      0.41371130E-07-0.99420400E-11 0.72526010E+04 0.35224370E+02
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                                                                                                                                                                                         5h
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isopv
                                                                                                                                                               C
       0.10834560E+02 0.20144030E-01-0.78064030E-05 0.14220630E-08-0.97821490E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2
      0.33047980E + 05 - 0.28380240E + 02 \quad 0.60308380E + 01 \quad 0.13099690E - 01 \quad 0.43335010E - 04 \quad 0.13099690E - 01 \quad 0.43335010E - 0.1009690E - 0.10096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3
-0.63177220E-07 0.25208120E-10 0.35415370E+05 0.14829280E+01
! Base C6
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c6h14
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     2
-0.27251109E + 05 - 0.26582550E + 02 - 0.44697708E + 00 \\ 0.66306598E - 01 - 0.22811577E - 04 \\ -0.27251109E + 05 - 0.26582550E + 02 - 0.44697708E + 00 \\ -0.27251109E + 05 - 0.26582550E + 02 - 0.44697708E + 00 \\ -0.27251109E + 05 - 0.26582550E + 02 - 0.44697708E + 00 \\ -0.27251109E + 05 - 0.26582550E + 02 - 0.44697708E + 00 \\ -0.27251109E + 0.26582550E + 0.26582550E + 0.2658250E + 0.2658250E + 0.266820E + 0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3
-0.10950117E-07 0.77763932E-11-0.24345830E+05 0.27133120E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
Ac6h13
                                                                                                                                                               c 6h 13o
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                                                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1
      2.
-0.22371562E + 04 - 0.42272095E + 02 - 0.60901982E + 00 \\ 0.72525367E - 01 - 0.47735059E - 04 - 0.47735059E - 0.4775059E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.14527513E - 07 - 0.83027671E - 12 \quad 0.17468357E + 04 \quad 0.32297169E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                               c 6h 13o
                                                                                                                                                                                                                                                      Ω
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      0.11430085E + 02 \quad 0.36187179E - 01 - 0.11691056E - 04 \quad 0.18003208E - 08 - 0.10833333E - 12 - 0.0085E - 0.00856E - 0.0
-0.23825742E + 04 - 0.28691025E + 02 \quad 0.27041441E + 00 \quad 0.67117505E - 01 - 0.38187678E - 04 - 0.28691025E + 02 \quad 0.27041441E + 00 \quad 0.67117505E - 01 - 0.38187678E - 04 - 0.28691025E + 02 \quad 0.27041441E + 00 \quad 0.67117505E - 01 - 0.38187678E - 04 - 0.28691025E + 02 \quad 0.27041441E + 00 \quad 0.67117505E - 01 - 0.38187678E - 04 - 0.28691025E + 02 \quad 0.27041441E + 00 \quad 0.67117505E - 01 - 0.38187678E - 04 - 0.28691025E + 0.2869
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      0.66859234E-08 0.17654475E-11 0.54798285E+03 0.28618254E+02
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      0.11703730E + 02 \quad 0.35654236E - 01 - 0.11435824E - 04 \quad 0.17511803E - 08 - 0.10492785E - 12 - 0.10492785E - 0.1049275E - 0.1049275E - 0.
-0.24416934E + 04 - 0.30103668E + 02 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 04 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 04 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 04 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 04 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 04 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 01 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 01 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.55699576E - 01 - 0.82998407E + 00 \quad 0.74897267E - 01 - 0.82998407E + 0.8299840
      0.22810807E-07-0.35824390E-11 0.65568329E+03 0.33214500E+02
                                                                               Burcat
                                                                                                                                                               С
                                                                                                                                                                                         6h 12o
                                                                                                                                                                                                                                                                                                    G 0200.00
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      1.60616093E+01 2.75650562E-02-9.32973368E-06 1.49349013E-09-8.98810268E-14
-1.28042951E+04-5.69925586E+01 7.31509054E+00 3.71150329E-03 1.27250318E-04
-1.71556964E-07 6.89805935E-11-8.20916507E+03-5.94354365E-01-5.04539654E+03
                                                                                                                                                                                         6h 12
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                                                                                                                                                                C
     1.22026584E+01 3.33112698E-02-1.19842937E-05 1.92997393E-09-1.15175007E-13
-1.24462369E+04-3.80004425E+01 5.32120633E+00 2.06273139E-02 7.37584289E-05
-1.08945044E-07 4.45825285E-11-9.02450060E+03 5.13145237E+00-6.06376082E+03
                                                                                                                                                                                         6h 12
c6h12-3 Burcat
                                                                                                                     A03/05c
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     1.22026584E+01 3.33112698E-02-1.19842937E-05 1.92997393E-09-1.15175007E-13
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-1.24462369E+04-3.80004425E+01 5.32120633E+00 2.06273139E-02 7.37584289E-05
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-1.08945044E-07 4.45825285E-11-9.02450060E+03 5.13145237E+00-6.06376082E+03
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Cc6h11-1

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ThERMc

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1.77336550E+01 2.48934775E-02-8.59991450E-06 1.34412828E-09-7.83475666E-14
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     2.68017174E+03-6.93471508E+01-1.55544944E+00 6.76865602E-02-4.47048635E-05
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     1.52236630E-08-2.14346377E-12 9.66316695E+03 3.51482658E+01
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Fc6h11-1
     1.74129892E+01 2.45984185E-02-8.37352752E-06 1.29588349E-09-7.50182758E-14
                                                                                                                                                                                                                                                                                                                                                                                                                     2
     1.08613574E+04-6.25724671E+01-6.17484828E-01 6.54674092E-02-4.36872486E-05
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     1.51936842E-08-2.18414423E-12 1.72739396E+04 3.47490101E+01
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                                                       7/ 9/ 7 ThERMc
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Ac6h11-3
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     1.70133131E+01 2.50666461E-02-8.56223877E-06 1.32807194E-09-7.69999372E-14
                                                                                                                                                                                                                                                                                                                                                                                                                     2
     9.53859681E+03-5.96004483E+01-9.77623834E-01 6.56664597E-02-4.36212067E-05
                                                                                                                                                                                                                                                                                                                                                                                                                     3
     1.51941737E-08-2.20544154E-12 1.59778322E+04 3.76093517E+01
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Bc6h11-3 10/21/08 ThERGc
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     0..15668191E + 02 \quad 0..24514601E - 01 - 0..71116242E - 05 \quad 0..10151393E - 08 - 0..58044064E - 13 \\ 0..15668191E + 02 \quad 0..24514601E - 01 - 0..71116242E - 05 \\ 0..10151393E - 08 - 0..58044064E - 13 \\ 0..15668191E + 0..24514601E - 01 - 0..71116242E - 05 \\ 0..10151393E - 08 - 0..58044064E - 13 \\ 0..10151393E - 0..0804064E - 13 \\ 0..10151394E - 0..0804064E - 13 \\ 0..101514E - 0..0804064E - 
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     3
     0.12531332E-07-0.25701258E-11 0.63244785E+04 0.23821157E+02
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c6h10-13 1,3-hexadien
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     1.22036500E+01 2.83718594E-02-1.01536016E-05 1.62760437E-09-9.68053329E-14
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     9.92055464E+02-3.55142375E+01 4.33043903E+00 2.50924406E-02 5.32462166E-05
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-8.82977395E-08 3.75813502E-11 4.31740800E+03 1.10070626E+01 7.03748507E+03
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c6h10-15
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     0.12656940E+02 0.28236120E-01-0.10406250E-04 0.18530920E-08-0.12592180E-12
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-0.35837280E-08 0.64369670E-11 0.79947620E+04 0.33574390E+02
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c6h9
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     0.13160150E + 02 \quad 0.25802720E - 01 - 0.96709900E - 05 \quad 0.17371230E - 08 - 0.11866600E - 12
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     0.19108650E+05-0.40302510E+02-0.13852650E+01 0.63115940E-01-0.38862450E-04
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     0.40612180E-08 0.39808900E-11 0.23327010E+05 0.35656570E+02
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c6h13qjA
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     0.19753206E+02 0.31011760E-01-0.92592463E-05 0.13480478E-08-0.78058104E-13
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3
     0.37790731E-08 0.38456759E-11-0.15767968E+05 0.31854956E+02
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c6h13qjB
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-0.23856195E + 05 - 0.70633621E + 02 \quad 0.45876193E + 01 \quad 0.51254179E - 01 \quad 0.22703731E - 04 \quad 0.51254179E - 01 \quad 0.22703731E - 04 \quad 0.51254179E - 01 \quad 0.51254179E - 0.5125479E - 0.512
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-0.62104910E-07 0.26559822E-10-0.18817074E+05 0.12970772E+02
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c6h13qjC
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     2.
-0.23584523E + 05 - 0.70634880E + 02 \quad 0.46248960E + 01 \quad 0.50997142E - 01 \quad 0.23317216E - 04 \quad 0.50997142E - 
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-0.62713475 \\ \text{E} - 07 \quad 0.26773974 \\ \text{E} - 10 - 0.18549344 \\ \text{E} + 05 \quad 0.12811635 \\ \text{E} + 02 \quad 0.12811635 \\ \text{E} 
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     0.19433508E + 02 \quad 0.34405991E - 01 - 0.11064304E - 04 \quad 0.16987168E - 08 - 0.10203481E - 12 - 0.10203481E - 12 - 0.10203481E - 0.1020481E - 0.102
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3
     0.77024351E-08 0.15291323E-11-0.33675320E+05 0.29796513E+02
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c6h13qB
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     0.41775410E + 02 \ 0.28726826E - 02 - 0.15001140E - 06 - 0.23930398E - 11 \ 0.68109157E - 15
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-0.51207461E + 05 - 0.19451601E + 03 \quad 0.28131716E + 01 \quad 0.71053639E - 01 - 0.30026202E - 04 \quad 0.71053639E - 0.71053639E - 0.71053649E - 0.710549E - 0.71
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-0.58243177E-09 0.12327464E-11-0.36478375E+05 0.21268078E+02
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     0.41775410E + 02 \ 0.28726826E - 02 - 0.15001140E - 06 - 0.23930398E - 11 \ 0.68109157E - 15 \ 0.68109157E
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-0.50935723E + 05 - 0.19451601E + 03 \quad 0.28131716E + 01 \quad 0.71053639E - 01 - 0.30026202E - 04 \quad 0.71053639E - 0.71053639E - 0.71053640E - 0.710540E - 0.7105
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-0.58243177E-09 0.12327464E-11-0.36206637E+05 0.21268078E+02
c6h13ojA
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     0.22329359E+02 0.23175325E-01-0.61261067E-05 0.81868035E-09-0.44813840E-13
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-0.23050910 \pm +05 -0.88380127 \pm +02 -0.59955579 \pm +00 \\ 0.74173234 \pm -01 -0.45430621 \pm -04
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     0.14013833E-07-0.20070159E-11-0.15425791E+05 0.34753712E+02
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c6h13oiB
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     0.38293842E+02 0.21251040E-02-0.59026089E-07-0.80007511E-11 0.87491579E-15
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     0.58372458E-08-0.11726545E-11-0.16721627E+05 0.30231340E+02
c6h13oiC
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      \texttt{0.38301579E+02} \ \ \texttt{0.21125542E-02-0.52249646E-07-0.95175309E-11} \ \ \texttt{0.99386431E-15} 
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-0.30866305E+05-0.18063777E+03 0.11000224E+00 0.70649818E-01-0.36084373E-04
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     0.74040609E-08-0.17288450E-11-0.16440082E+05 0.30620359E+02
c6h12rAqA
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     0.20216894E + 02 \quad 0.29322056E - 01 - 0.84620951E - 05 \quad 0.12042758E - 08 - 0.68764147E - 13 \\ 0.20216894E + 02 \quad 0.29322056E - 01 - 0.84620951E - 05 \quad 0.12042758E - 08 - 0.68764147E - 13 \\ 0.20216894E + 0.20216894E + 0.002982056E - 0.002984620951E - 0.0029820951E - 0.00298200951E - 
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-0.17401254E + 05 - 0.68258171E + 02 \quad 0.38184139E + 00 \quad 0.87811686E - 01 - 0.73620686E - 04 - 0.087811686E - 01 - 0.087811686E 
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     0.34176342\mathtt{E}-07-0.65085381\mathtt{E}-11-0.12046547\mathtt{E}+05 \ 0.33466438\mathtt{E}+02
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                                                                                                                               c 6h 13o 2
c6h12rBqA
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     0.20263323E + 02 \quad 0.29267546E - 01 - 0.84374215E - 05 \quad 0.11992916E - 08 - 0.68393025E - 13 - 0.068393025E - 0.0683925E - 0.0683925E - 0.0683925E - 0.068502E - 0.068502E
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     0.33060690E-07-0.60655335E-11-0.10191645E+05 0.33260738E+02
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c6h12rCqA
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     0.33060690 \\ E-07-0.60655335 \\ E-11-0.10191645 \\ E+05 \quad 0.33260738 \\ E+02
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c6h12rDqA
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      0.20299438E+02 0.29202862E-01-0.83992354E-05 0.11902291E-08-0.67646613E-13
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     0.31065145E-07-0.53641410E-11-0.10204858E+05 0.32740368E+02
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c6h12rEqA
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      0.20061436E+02 0.29661173E-01-0.86050841E-05 0.12279292E-08-0.70171869E-13
-0.15521076E+05-0.67491661E+02 0.15400746E+01 0.79654016E-01-0.54967455E-04
     0.16715273E-07-0.63693804E-12-0.10300494E+05 0.28616970E+02
c6h12rFqA
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     0.20668734E + 02 0.29152649E - 01 - 0.84296089E - 05 0.11991450E - 08 - 0.68333360E - 13
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-0.14643715 \pm +05 -0.71053604 \pm +02 \quad 0.66791296 \pm +00 \quad 0.84893547 \pm -01 -0.63752275 \pm -04
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     0.23368550E-07-0.26373940E-11-0.91009941E+04 0.32280075E+02
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c6h12rAaB
     0.20733065E+02 0.29300919E-01-0.85266856E-05 0.12201634E-08-0.69899788E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                         2
-0.17378699E+05-0.71718170E+02 0.48903136E+01 0.57488881E-01 0.27231795E-05
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-0.42358813E-07 0.20014471E-10-0.12502015E+05 0.13412024E+02
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     0.19839386E + 02 \quad 0.29738998E - 01 - 0.86076680E - 05 \quad 0.12256522E - 08 - 0.69905351E - 13
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-0.20617703E + 05 - 0.66807320E + 02 \quad 0.53270664E + 01 \quad 0.56259498E - 01 - 0.53952147E - 06 \quad 0.53270664E + 01 \quad 0.56259498E - 01 - 0.53952147E - 06 \quad 0.56259498E - 01 - 0.56259498E - 0.56259498498E - 0.56259498E - 0.56259498E - 0.56259498E - 0.56259498498E - 0.5625949898E - 0.5625949
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-0.36402486E-07 0.17601550E-10-0.16182274E+05 0.11010500E+02
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c6h12rCqB
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     0.20394571E + 02 \quad 0.29295260E - 01 - 0.84629955E - 05 \quad 0.12033156E - 08 - 0.68559348E - 13 \\ 0.20394571E + 02 \quad 0.29295260E - 01 - 0.84629955E - 05 \quad 0.12033156E - 08 - 0.68559348E - 13 \\ 0.20394571E + 0.2039471E +
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-0.17962867E + 05 - 0.69547142E + 02 \quad 0.46455007E + 01 \quad 0.60146067E - 01 - 0.62904305E - 05 \quad 0.60146067E - 0.060146067E -
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-0.32594993\mathtt{E}-07 \quad 0.16561400\mathtt{E}-10-0.13239803\mathtt{E}+05 \quad 0.14415103\mathtt{E}+02
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     2.
-0.17969363E + 05 - 0.69635933E + 02 \quad 0.46455007E + 01 \quad 0.60146067E - 01 - 0.62904305E - 05 \quad 0.60146067E - 01 - 0.62904305E - 0.629045E - 0.62905E - 
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-0.32594993E-07 0.16561400E-10-0.13239806E+05 0.14415103E+02
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     0.20124910E + 02 \quad 0.29812712E - 01 - 0.87051203E - 05 \quad 0.12498642E - 08 - 0.71828475E - 13 \\ 0.20124910E + 02 \quad 0.29812712E - 01 - 0.87051203E - 05 \quad 0.12498642E - 08 - 0.71828475E - 13 \\ 0.20124910E + 0.2012
-0.17903719E + 05 - 0.68152168E + 02 \quad 0.57306089E + 01 \quad 0.52460566E - 01 \quad 0.11022005E - 04 \quad 0.57306089E + 01 \quad 0.52460566E - 01 \quad 0.57306089E + 0.00089E 
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-0.48544628E-07 0.21854518E-10-0.13345696E+05 0.98853025E+01
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     -0.17054236E + 05 - 0.72104462E + 02 0.50387607E + 01 0.56455944E - 01 0.52108185E - 05
-0.44845862E-07 0.20895341E-10-0.12165589E+05 0.12783851E+02
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     -0.16782496E + 05 - 0.72104462E + 02 0.50387607E + 01 0.56455944E - 01 0.52108185E - 05
-0.44845862E-07 0.20895341E-10-0.11893848E+05 0.12783851E+02
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     0.20124910E + 02 \ 0.29812712E - 01 - 0.87051203E - 05 \ 0.12498642E - 08 - 0.71828475E - 13
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     0.20038212E + 02 \ 0.29351102E - 01 - 0.84435278E - 05 \ 0.11978675E - 08 - 0.68197746E - 13
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-0.21087766E-07 0.12540457E-10-0.15808020E+05 0.15401323E+02
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         0.20410440E+02 0.29267639E-01-0.84471085E-05 0.11996253E-08-0.68260576E-13
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 -0.17697623E + 05 - 0.69635933E + 02 \quad 0.46455007E + 01 \quad 0.60146067E - 01 - 0.62904305E - 05 \quad 0.60146067E - 0.60146067E 
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 -0.32594993E-07 0.16561400E-10-0.12968065E+05 0.14415103E+02
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 -0.17631977E + 05 - 0.68152168E + 02 \quad 0.57306089E + 01 \quad 0.52460566E - 01 \quad 0.11022005E - 04 \quad 0.57306089E + 01 \quad 0.52460566E - 01 \quad 0.57306089E + 0.00089E 
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 -0.48544628E-07 0.21854518E-10-0.13073955E+05 0.98853025E+01
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 -0.16782496E + 05 - 0.72104462E + 02 \quad 0.50387607E + 01 \quad 0.56455944E - 01 \quad 0.52108185E - 05 \quad 0.56455944E - 01 \quad 0.56455944E - 0.564544E - 0.564544
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 -0.44845862E-07 0.20895341E-10-0.11893848E+05 0.12783851E+02
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         0.24744465E+02 0.29395320E-01-0.82680763E-05 0.11529977E-08-0.64818891E-13
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 -0.37138672E + 05 - 0.90644157E + 02 \quad 0.36157351E + 01 \quad 0.69119684E - 01 \quad 0.16569247E - 05 \quad 0.69119684E - 01 \quad 0.16569247E - 0.69119684E - 01 \quad 0.16569247E - 0.69119684E - 0.6911968E - 0.6911968E - 0.6911968E - 0.691196E -
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 -0.52811760E-07 0.25465340E-10-0.30795301E+05 0.22226788E+02
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        0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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 -0.35267891E + 05 - 0.89850655E + 02 \quad 0.66562986E + 01 \quad 0.59124466E - 01 \quad 0.16118238E - 04 \quad 0.5912466E - 0.5 \quad 0.591266E - 0.5 \quad
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 -0.61888827E-07 0.27660207E-10-0.29519117E+05 0.88861017E+01
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         0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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 -0.35267891E + 05 - 0.89157524E + 02 0.66562986E + 01 0.59124466E - 01 0.16118238E - 04
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 -0.61888827E-07 0.27660207E-10-0.29519117E+05 0.95792303E+01
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        0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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 -0.35267703E+05-0.89156601E+02 0.65515065E+01 0.59843943E-01 0.14407220E-04
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 -0.60196534E-07 0.27066131E-10-0.29507795E+05 0.10024488E+02
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 -0.60670047E-07 0.27231328E-10-0.29782828E+05 0.98975019E+01
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        0.24692474E + 02 \quad 0.30324316E - 01 - 0.87426452E - 05 \quad 0.12425712E - 08 - 0.70845951E - 13 - 0.00845951E - 13 - 0.00845951E - 13 - 0.00845951E - 10.00845951E - 10.0084
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 -0.33104664 \pm +05 -0.88470161 \pm +02 \quad 0.22642877 \pm +01 \quad 0.87695055 \pm -01 -0.53133310 \pm -04 \quad 0.87695055 \pm -01 -0.531333310 \pm -04 \quad 0.87695055 \pm -01 -0.53133310 \pm -04 \quad 0.87695055 \pm -01 -0.53133310 \pm -04 \quad 0.8769505 \pm -04 \quad 0.8769
        0.65872112E-08 0.40425198E-11-0.26723791E+05 0.28472984E+02
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 -0.35267891E + 05 - 0.89850647E + 02 \quad 0.66562986E + 01 \quad 0.59124466E - 01 \quad 0.16118238E - 04 \quad 0.5912466E - 01 \quad 0.16118238E - 04 \quad 0.59124466E - 01 \quad 0.16118238E - 04 \quad 0.59124466E - 01 \quad 0.16118238E - 04 \quad 0.5912466E - 0.5
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 -0.61888827E - 07 \quad 0.27660207E - 10 - 0.29519117E + 05 \quad 0.88861094E + 01 \\
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         0.22551825E+02 0.34234878E-01-0.10444619E-04 0.15429422E-08-0.90169212E-13
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 -0.38529996E + 05 - 0.80872627E + 02 \quad 0.41035943E + 01 \quad 0.64903609E - 01 \quad 0.14941244E - 04 \quad 0.64903609E - 01 \quad 0.14941244E - 0.64903609E - 0.64909E - 0.64909
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 -0.67188594E-07 0.31125876E-10-0.32938410E+05 0.18308067E+02
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         0.26256516E+02 0.28828666E-01-0.82070437E-05 0.11552400E-08-0.65400105E-13
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 -0.38394699E + 05 - 0.98269279E + 02 \quad 0.30956200E + 00 \quad 0.10322275E + 00 - 0.83217157E - 04 \\ -0.38394699E + 05 - 0.98269279E + 02 \quad 0.30956200E + 00 \quad 0.10322275E + 00 \\ -0.83217157E - 0.48269279E + 0.28269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.48269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.48269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.48269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.48269279E + 0.28269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.28269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.28269279E + 0.28269279E + 0.28269279E + 0.28269279E + 0.28269279E \\ -0.83217157E - 0.28269279E + 0.2826929E + 0.2826920E + 0.2826929E + 0.2826929E + 0.2826929E + 0.2826929E + 0.28269200E + 0.2826929E + 0.2826929E + 0.2826920E + 0.2826920E + 0.28269200E + 0.2826920E + 0.28269200E + 0.282600E + 0.2826000E + 0.28260000E + 0.2826000E + 0.2826000E + 0.28260000E + 0.282600
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        0.30472563E-07-0.28335743E-11-0.31417111E+05 0.34996494E+02
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         0.26331821E+02 0.28695367E-01-0.81290673E-05 0.11368473E-08-0.63891851E-13
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 -0.38424891E+05-0.98688553E+02 0.20904537E+00 0.10391913E+00-0.84887593E-04
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         0.32137120E-07-0.34216217E-11-0.31406342E+05 0.35422707E+02
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         0.26256516E+02 0.28828666E-01-0.82070437E-05 0.11552400E-08-0.65400105E-13
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 -0.38666328E + 05 - 0.98267281E + 02 \quad 0.24997532E + 00 \quad 0.10363517E + 00 - 0.84204607E - 0484204607E - 048420607E - 048420607E - 04842007E - 04842007E - 04842007E - 04842007E - 04842007E - 04840
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        0.31454594 \\ \text{E}-07-0.31798524 \\ \text{E}-11-0.31682465 \\ \text{E}+05 \quad 0.35250637 \\ \text{E}+02 \quad 0.35250637 \\ \text{E}+02 \quad 0.35250637 \\ \text{E}+02 \quad 0.35250637 \\ \text{E}+03 \quad 0.35250637 \\ \text{E}+04 \quad 0.35250637 \\ \text{E}+05 \quad 0.352507 \\ \text{E}+05 \quad 0.35250
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         0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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 -0.35539602E + 05 - 0.89158104E + 02 \quad 0.66412301E + 01 \quad 0.59226818E - 01 \quad 0.15877047E - 04 \quad 0.66412301E + 01 \quad 0.66412301E + 0.66412201E + 0.66412201E + 0.66412201E + 0.66412201E + 0.66412201E + 0.66412201E + 0.664122
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 -0.61652074E-07 0.27577607E-10-0.29789207E+05 0.96427183E+01
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    0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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-0.35267863E + 05 - 0.89850899E + 02 \quad 0.66412301E + 01 \quad 0.59226818E - 01 \quad 0.15877047E - 04 \quad 0.066412301E + 01 \quad 0.066412301E + 0.0
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-0.61652074E-07 0.27577607E-10-0.29517467E+05 0.89499273E+01
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    0.26256516E + 02 \quad 0.28828666E - 01 - 0.82070437E - 05 \quad 0.11552400E - 08 - 0.65400105E - 13 \\ 0.26256516E + 02 \quad 0.28828666E - 01 - 0.82070437E - 05 \quad 0.11552400E - 08 - 0.65400105E - 13 \\ 0.26256516E + 02 \quad 0.28828666E - 01 - 0.82070437E - 05 \quad 0.11552400E - 08 - 0.65400105E - 13 \\ 0.26256516E + 0.208266E - 0.00866E - 0.0086
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0.31454594 \\ \text{E}-07-0.31798524 \\ \text{E}-11-0.31410725 \\ \text{E}+05 \quad 0.35250626 \\ \text{E}+02
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-0.64167260E-07 0.30061016E-10-0.32918453E+05 0.19093420E+02
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     0.26331821E + 02 \quad 0.28695367E - 01 - 0.81290673E - 05 \quad 0.11368473E - 08 - 0.63891851E - 13 \\ 0.26331821E + 02 \quad 0.28695367E - 01 - 0.81290673E - 05 \quad 0.11368473E - 08 - 0.63891851E - 13 \\ 0.26331821E + 02 \quad 0.28695367E - 01 - 0.81290673E - 05 \quad 0.11368473E - 08 - 0.63891851E - 13 \\ 0.26331821E + 02 \quad 0.28695367E - 01 - 0.81290673E - 05 \quad 0.11368473E - 08 - 0.63891851E - 13 \\ 0.26331821E + 0.2633182121E + 0.2633182121E + 0.2633182121E + 0.2633182121E + 0.2633182121E + 0.
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 -0.38153148E+05-0.97995468E+02 0.20904537E+00 0.10391913E+00-0.84887593E-04
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    0.32137120E-07-0.34216217E-11-0.31134600E+05 0.36115791E+02
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     0.26256516E+02 0.28828666E-01-0.82070437E-05 0.11552400E-08-0.65400105E-13
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    0.31454594E-07-0.31798524E-11-0.31410725E+05 0.35943710E+02
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    0.24884991E+02 0.30247923E-01-0.87102862E-05 0.12334272E-08-0.69960944E-13
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-0.35267863E + 05 - 0.89851097E + 02 \quad 0.66412301E + 01 \quad 0.59226818E - 01 \quad 0.15877047E - 04 \quad 0.066412301E + 01 \quad 0.066412301E + 0.0
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-0.61652074E-07 0.27577607E-10-0.29517467E+05 0.89497280E+01
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-0.57412081E+01 0.74588828E-01-0.31377713E-04 0.58165845E-08-0.39831455E-12
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-0.49849844E+05 0.76310661E+02-0.18944364E+01 0.91714382E-01-0.67452325E-04
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    0.19914680E-07 0.49506991E-12-0.53937723E+05 0.45727139E+02
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    0.14003623E-07 0.13314028E-11-0.45288047E+05 0.33129765E+02
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    \tt 0.49626327E+01 \ 0.57184212E-01-0.22548358E-04 \ 0.39930632E-08-0.26467337E-12
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-0.45145672E+05 \quad 0.18565445E+02 \quad 0.17758968E+01 \quad 0.83694302E-01-0.59667931E-04
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    0.17238401E-07 \ 0.22502397E-12-0.46250062E+05 \ 0.28090797E+02
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    0.49626327E + 01 \quad 0.57184212E - 01 - 0.22548358E - 04 \quad 0.39930632E - 08 - 0.26467337E - 12 - 0.2646737E - 0.264672E - 0.26467E - 0.26
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     \texttt{0.17238401E-07} \ \ \texttt{0.22502397E-12-0.46250062E+05} \ \ \texttt{0.28090797E+02} 
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    0.49626327E + 01 \quad 0.57184212E - 01 - 0.22548358E - 04 \quad 0.39930632E - 08 - 0.26467337E - 12 - 0.2646737E - 0.2646737E - 0.264672E - 0.26
-0.45417414E+05 0.18565445E+02 0.17758968E+01 0.83694302E-01-0.59667931E-04
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    0.17238401E-07 0.22502397E-12-0.46521805E+05 0.28090797E+02
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     -0.44480547E + 05 - 0.24171600E + 01 \quad 0.23487110E + 01 \quad 0.78779116E - 01 - 0.51580759E - 04 \quad 0.78779116E - 0.78
    0.12358462E-07 0.11055825E-11-0.43996586E+05 0.26536936E+02
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    0.49432955E+01 0.56368947E-01-0.21999969E-04 0.38688066E-08-0.25522168E-12
-0.46057641E+05 0.18669518E+02 0.29456627E+01 0.76562606E-01-0.49144201E-04
    0.10688752E-07 0.18118817E-11-0.47227172E+05 0.23057047E+02
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     0.41605427E+02 0.18008725E-02-0.88728520E-07 0.38852762E-11-0.15619135E-15
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-0.63566289E + 05 - 0.18997246E + 03 \quad 0.31409116E + 01 \quad 0.69825500E - 01 - 0.30687213E - 04
-0.23923369E-09 0.12775472E-11-0.49109355E+05 0.22767229E+02
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    0.64458723E+01 0.54484427E-01-0.21149086E-04 0.37032699E-08-0.24347568E-12
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-0.49428570E+05 0.96657867E+01 0.17020814E+01 0.81856683E-01-0.55555247E-04
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    0.14247986E-07 0.93053473E-12-0.49773168E+05 0.28457155E+02
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-0.49700312E+05 0.96657867E+01 0.17020814E+01 0.81856683E-01-0.55555247E-04
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     0.14247986E-07 0.93053473E-12-0.50044910E+05 0.28457155E+02
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      0.10402470E+02 0.47308616E-01-0.17520646E-04 0.29696789E-08-0.19091231E-12
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-0.48812727E + 05 - 0.11946236E + 02 \quad 0.20315180E + 01 \quad 0.78644134E - 01 - 0.51599589E - 04 \quad 0.20315180E + 01 \quad 0.20315180E + 0.20315180E 
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     0.13538892E - 07 \quad 0.31729472E - 12 - 0.47493828E + 05 \quad 0.27932087E + 02
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-0.26367302E+01 0.69385134E-01-0.28678889E-04 0.52499680E-08-0.35627073E-12
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     0.14681574E-07 0.15254496E-11-0.47653969E+05 0.28933731E+02
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-0.32680347E+01 \quad 0.71671180E-01-0.30105617E-04 \quad 0.55750569E-08-0.38150174E-12 \\ -0.32680347E+01 \quad 0.71671180E-01-0.30105617E-04 \\ -0.32680347E+01 \\ -0.3
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-0.45044051E+05 \quad 0.63582588E+02 \quad 0.16080317E+00 \quad 0.88631846E-01-0.63355787E-04
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     0.16095633E-07 0.18489784E-11-0.48946074E+05 0.35496952E+02
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-0.32680347E+01 0.71671180E-01-0.30105617E-04 0.55750569E-08-0.38150174E-12
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     0.16095633E-07 0.18489784E-11-0.48946070E+05 0.35496952E+02
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-0.44540859E+05 0.83985245E+02 0.12182808E+01 0.86526267E-01-0.64163592E-04
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     0.18526839E-07 0.10096173E-11-0.50186078E+05 0.30216894E+02
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-0.24538543E+01 0.69068864E-01-0.28517543E-04 0.52170095E-08-0.35389608E-12
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-0.43774516E+05 0.60120399E+02 0.17135122E+01 0.82158916E-01-0.57425153E-04
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     0.15034768E-07 0.13820448E-11-0.47652664E+05 0.28990437E+02
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     0.14732866E + 02 \quad 0.35259135E - 01 - 0.12458770E - 04 \quad 0.20448350E - 08 - 0.12863717E - 12863717E - 1286717E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
-0.28295033E + 05 - 0.52044960E + 02 - 0.66404366E + 00 \\ 0.71003862E - 01 - 0.30314273E - 04 \\ -0.28295033E + 05 - 0.52044960E + 02 - 0.66404366E + 00 \\ -0.28295033E + 05 - 0.52044960E + 02 - 0.66404366E + 00 \\ -0.28295033E + 05 - 0.52044960E + 02 - 0.66404366E + 00 \\ -0.28295033E + 0.0004640E + 0.000460E + 0.0004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
-0.81550722E-08 0.75825665E-11-0.23810916E+05 0.28968323E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                                                               6h 12o
                                                                                                                                                                                                                                                                                     G 0300.00
c6h12o#4
                                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
                                                                                                                                                      C
                                                                                                                                                                                                                                              1
     2
3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
     0.86496193E-07-0.23325111E-10-0.23717439E+05 0.66321281E+02
                                                                                                                                                                               6h 12o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
c6h12o#5
                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                      C
                                                                                                                                                                                                                                              1
     0..15908834E + 02 \quad 0..35655621E - 01 - 0..12981614E - 04 \quad 0..21760254E - 08 - 0..13891338E - 12 - 0..012981614E - 04 \quad 0..012981614E - 08 - 0..012981614E - 0..01298161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
-0.39974477E + 05 - 0.61963875E + 02 - 0.45810523E + 01 \\ 0.10196563E + 00 - 0.92816917E - 04 \\ 0.101966563E + 0.92816917E - 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
     0.43672976E-07-0.76752901E-11-0.34894789E+05 \quad 0.41234665E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
c6h12o-AB
                                                                         Thergas
                                                                                                                                                      С
                                                                                                                                                                               6h 12o
                                                                                                                                                                                                                                              1
                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
     0.23473751E + 02 \quad 0.20882014E - 01 - 0.59693648E - 05 \quad 0.84287177E - 09 - 0.47821037E - 13821037E - 1382107E - 138210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
-0.29703732E + 05 - 0.98704185E + 02 - 0.10034935E + 01 \\ 0.72958566E - 01 - 0.40384049E - 04 \\ -0.29703732E + 05 - 0.98704185E + 02 - 0.10034935E + 01 \\ -0.29703732E + 05 - 0.98704185E + 02 - 0.10034935E + 01 \\ -0.29703732E + 05 - 0.98704185E + 02 - 0.10034935E + 01 \\ -0.29703732E + 05 - 0.98704185E + 02 - 0.10034935E + 01 \\ -0.29703732E + 0.00034935E + 0.0003495E + 0.000349E + 0.0003495E + 0.000349E + 0.000349E + 0.00003495E + 0.0000349E + 0.000349E + 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
     0.70684938E-08 0.53588899E-12-0.21466350E+05 0.33288284E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                                                               6h 12o
                                                                                                                                                                                                                                              1
                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
c6h12o-BC
                                                                          Therqas
                                                                                                                                                      С
      0.20475368E+02 0.25986295E-01-0.81840717E-05 0.12359331E-08-0.73287100E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
-0.30905229E + 05 - 0.82932915E + 02 - 0.13217347E + 01 \\ 0.76108940E - 01 - 0.44230786E - 04 \\ -0.30905229E + 05 - 0.82932915E + 02 - 0.13217347E + 01 \\ -0.30905229E + 05 - 0.82932915E + 02 - 0.13217347E + 01 \\ -0.30905229E + 05 - 0.82932915E + 02 - 0.13217347E + 01 \\ -0.30905229E + 05 - 0.82932915E + 02 - 0.13217347E + 01 \\ -0.30905229E + 02 - 0.13217347E + 01 \\ -0.3090529E + 0.0090529E + 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
     0.77107325E-08 0.11580350E-11-0.24018838E+05 0.33070747E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
c6h12o-CD
                                                                          Thergas
                                                                                                                                                      C
                                                                                                                                                                                6h 12o
                                                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
      0.20475368E+02 0.25986295E-01-0.81840717E-05 0.12359331E-08-0.73287100E-13
-0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ 0.76108940E - 01 - 0.44230786E - 04 \\ -0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ -0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ -0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ -0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ -0.30633488E + 05 - 0.84319077E + 02 - 0.13217347E + 01 \\ -0.30633488E + 0.0063648E + 0.0063648E + 0.0063648E + 0.006364E + 0.006464E + 0.006464
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
     0.77107325E-08 0.11580350E-11-0.23747098E+05 0.31684586E+02
c6h12o-AC
                                                                          Thergas
                                                                                                                                                                                6h 12o
                                                                                                                                                                                                                                               1
                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
                                                                                                                                                      C
      0.73783908E+01 0.50220411E-01-0.20271649E-04 0.36494578E-08-0.24472937E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
-0.27495350E + 05 - 0.13442131E + 02 - 0.89441986E + 01 0.11610021E + 00 - 0.12974413E - 03 - 0.27495350E + 05 - 0.13442131E + 02 - 0.89441986E + 01 0.11610021E + 00 - 0.12974413E - 03 - 0.27495350E + 05 - 0.2749530E + 00 - 0.2749530E + 0.024950E + 
     0.86496193E-07-0.23325111E-10-0.23717439E+05 0.66321281E+02
                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
c6h12o-BD
                                                                          Thergas
                                                                                                                                                      C
                                                                                                                                                                                6h 12o
                                                                                                                                                                                                                                              1
                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
     2.
3
     0.86496193 \\ \text{E}-07-0.23325111 \\ \text{E}-10-0.23717439 \\ \text{E}+05 \quad 0.66321281 \\ \text{E}+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
c6h12o-BE
                                                                                                                                                                               6h 12o
                                                                                                                                                                                                                                        1
                                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
                                                                                                                                                      C
2
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-0.27097070E+05 0.11939847E+03-0.34234445E+01 0.93266614E-01-0.69902169E-04
                                                                                                                                                                                                                                                                        3
   0.18419314E-07 0.22238203E-11-0.34738777E+05 0.36417698E+02
                                                                               c 6h 12o 1
c6h12o-AD
                                                                                                                                      G 0300.00
                                                                                                                                                                                         5000.00 1000.00
-0.12518517E+02 0.84613368E-01-0.38571245E-04 0.75679205E-08-0.53987869E-12
                                                                                                                                                                                                                                                                        2.
0.18431253E-07 0.13608950E-11-0.31910967E+05 0.38167152E+02
                                                                               c 6h 12o 1 G 0300.00 5000.00 1000.00
c6h12o-AE
                                                                                                                                                                                                                                                                        1
2
0.18431253E-07 0.13608950E-11-0.34900109E+05 0.35449753E+02
                                                                                                                                                                                                                                                                        4
                                                                               c 6h 11o 1 G 0300.00 5000.00 1000.00
c6oBrE
                                                                                                                                                                                                                                                                        1
   2
3
   0.29099608E - 07 - 0.59902860E - 11 - 0.13133708E + 05 \quad 0.30771936E + 02
                                                                                                                                                                                                                                                                        4
сбоArD
                                                                               c 6h 11o 1 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                        1
    0.85925674E+01 0.38959295E-01-0.13333538E-04 0.21381181E-08-0.13227344E-12
 -0.10787228E+05-0.80679932E+01-0.70842373E+00 0.81803575E-01-0.80423291E-04
   0.47263374E-07-0.11715576E-10-0.95097783E+04 0.34735649E+02
                                                                                                                                                                                                                                                                        4
c6oCrF
                                                                               c 6h 11o 1
                                                                                                                                         G 0300.00
                                                                                                                                                                                        5000.00 1000.00
-0.19928465E+01 \quad 0.56852952E-01-0.22060156E-04 \quad 0.38633146E-08-0.25410208E-12
-0.92114756E + 04 \quad 0.50608898E + 02 - 0.10352753E + 01 \quad 0.82059510E - 01 - 0.76060234E - 04 \\ -0.92114756E + 0.92114756E + 0.9211476E + 0.9214
   0.38905025E-07-0.75072119E-11-0.12082103E+05 0.35920418E+02
c6h12o#6
                                                                               c 6h 12o 1
                                                                                                                                              G 0300.00
                                                                                                                                                                                         5000.00 1000.00
   0.15219727E+02 0.36280558E-01-0.13197414E-04 0.22091879E-08-0.14081051E-12
                                                                                                                                                                                                                                                                        2
-0.39687445E+05-0.58245026E+02-0.38727889E+01 0.95988669E-01-0.81817307E-04
                                                                                                                                                                                                                                                                        3
   0.35464407E-07-0.54472186E-11-0.34828211E+05 0.38484776E+02
                                                                              c 6h 14o
                                                                                                                         2
                                                                                                                                        G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                        1
nc6h13o2h
   0.16627819E+02 0.39152514E-01-0.13238168E-04 0.21037099E-08-0.12927895E-12
                                                                                                                                                                                                                                                                        2
3
-0.73755999E-07 0.30521620E-10-0.36788828E+05 0.81853294E+01
                                                                                                                                                                                                                                                                        4
                                                                                                                                        G 0300.00 5000.00 1000.00
c6h11o2h
                                                                              c 6h 12o 2
                                                                                                                                                                                                                                                                       1
   0.16101555E + 02 \quad 0.34520049E - 01 - 0.11653715E - 04 \quad 0.18512788E - 08 - 0.11381252E - 12 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.1252424 - 0.125242 - 0.125242 - 0.125242 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 0.12524 - 
                                                                                                                                                                                                                                                                       2.
-0.26281617E + 05 - 0.48384743E + 02 \quad 0.68202605E + 01 \quad 0.39484370E - 01 \quad 0.33711967E - 04 \quad 0.39484370E - 01 \quad 0.33711967E - 04 \quad 0.39484370E - 01 \quad 0.3948448E - 0.000E -
                                                                                                                                                                                                                                                                       3
-0.65658682E-07 0.26421039E-10-0.23033857E+05 0.39506123E+01
                                                                                                                                                                                                                                                                       4
                                    2/29/96 thermc 6h 12o 1 0g 300.000 5000.000 1384.000
                                                                                                                                                                                                                                                                     51
c5h11hco
   1.98891043e + 01 \ 2.71869340e - 02 - 9.27391515e - 06 \ 1.43744158e - 09 - 8.33090761e - 14 \ 1.98891043e + 01 \ 2.71869340e - 02 - 9.27391515e - 06 \ 1.43744158e - 09 - 8.33090761e - 14 \ 1.98891043e + 01 \ 2.71869340e - 02 - 9.27391515e - 06 \ 1.43744158e - 09 - 8.33090761e - 14 \ 1.98891043e + 01 \ 1.988910444e + 01 \ 1.98891044e + 01 \ 1.98891044
                                                                                                                                                                                                                                                                       2
-3.97523444e + 04 - 7.60741671e + 01 1.37517192e + 00 6.65669689e - 02 - 4.04423050e - 05
                                                                                                                                                                                                                                                                       3
   1.23836270e - 08 - 1.52905857e - 12 - 3.28740986e + 04 2.48343934e + 01
                                                                                                                                                                                                                                                                       4
                                    2/29/96 thermc 6h 11o 1 0g 300.000 5000.000 1383.000
c5h11co
                                                                                                                                                                                                                                                                     51
   1.94783812e+01 2.50466029e-02-8.54861346e-06 1.32557944e-09-7.68503296e-14
                                                                                                                                                                                                                                                                       2.
-2.07923937e+04-7.21995578e+01 2.14479069e+00 6.17863563e-02-3.74134690e-05
                                                                                                                                                                                                                                                                       3
   1.13283795e-08-1.36917698e-12-1.43451172e+04 2.23128045e+01
                                                                               c 6h 12o
                                                                                                                         1
                                                                                                                                              G 0300.00
                                                                                                                                                                                            5000.00 1000.00
    0.12179505E+02 0.37140079E-01-0.13023840E-04 0.21249598E-08-0.13306825E-12
-0.39913273E + 05 - 0.31854652E + 02 \quad 0.37395129E + 00 \quad 0.67965344E - 01 - 0.38381633E - 04 \quad 0.67965344E - 0.085644E - 0.08
   0.68101591E-08 0.14946949E-11-0.36564609E+05 0.29580191E+02
                                                                                                         70
                                                                                                                                           OG 300.00
                                                                               C
                                                                                          6h
                                                                                                                           0.0
                                                                                                                                                                                              5000.00 1000.00
    0.14208190E+02 0.21154810E-01-0.79957600E-05 0.14457800E-08-0.99207360E-13
    0.21922070E + 05 - 0.54276400E + 02 - 0.59255600E + 01
0.91190910E - 01 - 0.10607460E - 03
    0.66699450E-07-0.17176370E-10 0.26832750E+05 0.46324050E+02
                                 1/ 7/ 6 Thermc
                                                                                             6h
                                                                                                          70
                                                                                                                           0
                                                                                                                                               0G
                                                                                                                                                                300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                     01
    0.16028887E+02 0.14730562E-01-0.39626420E-05 0.53470384E-09-0.29373927E-13
                                                                                                                                                                                                                                                                       2
    0.42962898E + 05 - 0.56601929E + 02 - 0.21948254E + 01 0.70474595E - 01 - 0.64999811E - 04
                                                                                                                                                                                                                                                                       3
    0.29102454E-07-0.50760069E-11 0.47527703E+05 0.35796646E+02
                                 1/ 7/ 6 Thermc
                                                                                             6h
                                                                                                            60
                                                                                                                           0
                                                                                                                                               0G
                                                                                                                                                             300.000 5000.000 1399.000
                                                                                                                                                                                                                                                                     01
    0.14518873E+02 0.16073965E-01-0.54295829E-05 0.86245544E-09-0.52996307E-13
                                                                                                                                                                                                                                                                       2.
    0.35583297E+05-0.48749115E+02-0.52633297E+00 0.57947949E-01-0.42171916E-04
                                                                                                                                                                                                                                                                       3
    0.96946726E-08 0.10167271E-11 0.39516957E+05 0.28465164E+02
                                                                                                                                                                                                                                                                       4
                                 1/ 7/ 6 Thermc
                                                                                             6h 4o
                                                                                                                          Ω
                                                                                                                                             OG 300.000 5000.000 1399.000
                                                                                                                                                                                                                                                                     01
    0.14412430E+02 0.11626648E-01-0.40395416E-05 0.65525968E-09-0.40891962E-13
                                                                                                                                                                                                                                                                       2.
    0.57560609E+05-0.47552288E+02 0.84271616E+00 0.49124118E-01-0.36915586E-04
                                                                                                                                                                                                                                                                       3
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0.87862908E-08 0.76802204E-12 0.61145730E+05 0.22211954E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                                                                                  6h 50 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
U-c6h5
                                                                                                                                                                 C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       2.
       6.40440300E+04-6.37727800E+01 4.85426800E+00 3.03165900E-02 1.74289200E-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
 -1.81101000E-08 7.39251100E-12 6.81732300E+04 3.47340700E+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
 ! Base C7
nc7h16
                                                                                                                                                                                            7h 16o
                                                                                                                                                                                                                                                            0
                                                                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
      0.11412502E + 02 \quad 0.49421348E - 01 - 0.17645974E - 04 \quad 0.29154572E - 08 - 0.18414220E - 12 \quad 0.29154572E - 0.08414220E - 0.084
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -0.28964750E + 05 - 0.29627792E + 02 \quad 0.33161920E + 00 \quad 0.73365703E - 01 - 0.21685577E - 04 \\ -0.28964750E + 05 - 0.29627792E + 02 \quad 0.33161920E + 00 \quad 0.73365703E - 01 - 0.21685577E - 04 \\ -0.28964750E + 05 - 0.29627792E + 02 \quad 0.33161920E + 00 \quad 0.73365703E - 01 - 0.21685577E - 04 \\ -0.28964750E + 0.29627792E + 0.29627702E + 0.29627792E + 0.296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
 -0.16159765E-07 0.10064873E-10-0.25790506E+05 0.28787834E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                                                                                            7h 15o
Ac7h15
                                                                                                                                                                 C
                                                                                                                                                                                                                                                          0
                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       2
 -0.57763359E + 04 - 0.51677505E + 02 - 0.67567056E + 00 \\ 0.83456106E - 01 - 0.52650659E - 04 \\ -0.57763359E + 04 - 0.51677505E + 02 \\ -0.67567056E + 00 \\ -0.675670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       0.13893792E-07 0.54261093E-13-0.11590713E+04 0.34395603E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
Bc7h15
                                                                                                                                                                  С
                                                                                                                                                                                            7h 15o
                                                                                                                                                                                                                                                             0
                                                                                                                                                                                                                                                                                                  G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       0.13477986E + 02 \quad 0.42041581E - 01 - 0.13701534E - 04 \quad 0.21241964E - 08 - 0.12847954E - 12847954E - 128479554E - 12847954E - 128479554
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 3
       0.54278266E-08 0.28667075E-11-0.23623591E+04 0.30544422E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
Cc7h15
                                                                                                                                                                 C
                                                                                                                                                                                             7h 15o
                                                                                                                                                                                                                                                             Ω
                                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       0.13756789E + 02 \quad 0.41499116E - 01 - 0.13440502E - 04 \quad 0.20737412E - 08 - 0.12497342E - 12497342E - 1249742E - 1249742
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 3
       0.20543384E-07-0.21247923E-11-0.22612104E+04 0.34881710E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
Dc7h15
                                                                                                                                                                                             7h 15o
                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                  G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
                                                                                                                                                                 C
       0.13756789E+02 0.41499116E-01-0.13440502E-04 0.20737412E-08-0.12497342E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -0.59530078E + 04 - 0.39803444E + 02 - 0.79508388E + 00 \\ 0.85131802E - 01 - 0.58961647E - 04 \\ -0.59530078E + 04 - 0.39803444E + 02 - 0.79508388E + 00 \\ -0.59530078E + 04 - 0.5961647E - 04 \\ -0.59530078E + 04 - 0.39803444E + 02 - 0.79508388E + 00 \\ -0.59530078E + 04 - 0.5961647E - 04 \\ -0.59530078E + 0.5961647E - 0.596167E - 0.596167E - 0.596167E - 0.596167E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
      0.20543384E-07-0.21247923E-11-0.22612104E+04 0.34188629E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                P 4/87c 7.h 14. 0. 0.G 200.000 6000.000 1000.
c7h14-1 Burcat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       2.00329343E+01 3.01875580E-02-9.96912897E-06 1.59376458E-09-9.64314031E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.
 -1.70512608E + 04 - 7.66778730E + 01 \quad 8.70539860E + 00 \quad 2.80074488E - 03 \quad 1.55206000E - 04 \quad 1.806000E + 000 \quad 1.806000E - 000 \quad 1.806000E - 000 \quad 1.806000E - 000 \quad 1.806000E - 000 \quad 1.80600E - 000 \quad 1.806
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
 -2.09014025E-07 8.40505778E-11-1.12661494E+04-4.46493550E+00-7.54824999E+03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                          2/10/95
                                                                                                                                                                                                                                                                                           0g 300.000 5000.000 1390.000
                                                                                                                                                                                            7h 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
 c7h14-2
                                                                                                                                                                                                                                                           Ω
                                                                                                                                                            C
       2.06192047 e + 01 \ 3.14852991 e - 02 - 1.07162057 e - 05 \ 1.65827662 e - 09 - 9.59911785 e - 14 \ 2.06192047 e + 01 \ 3.14852991 e - 02 - 1.07162057 e - 05 \ 1.65827662 e - 09 - 9.59911785 e - 14 \ 2.06192047 e + 01 \ 3.14852991 e - 02 - 1.07162057 e - 05 \ 1.65827662 e - 09 - 9.59911785 e - 14 \ 2.06192047 e + 01 \ 3.14852991 e - 02 - 1.07162057 e - 05 \ 1.65827662 e - 09 - 9.59911785 e - 14 \ 2.06192047 e + 01 \ 3.14852991 e - 02 - 1.07162057 e - 05 \ 1.65827662 e - 09 - 9.59911785 e - 14 \ 2.06192047 e + 01 \ 2.06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -1.96713162 e + 04 - 8.22519387 e + 01 - 1.16533279 e + 00 \quad 7.90439806 e - 02 - 4.96101666 e - 05 - 1.96713162 e + 0.0000 e - 0.00000 e - 0.0000 e - 0.00000 e - 0.0000 e - 0.00000 e - 0.0000 e - 0.00000 e - 0.0000 e - 0.00000 e - 0.0000 e 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
      1.58569009e-08-2.05346433e-12-1.17362359e+04 3.59871070e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
 c7h14-3
                                                                          2/10/95
                                                                                                                                                                 c 7h 14
                                                                                                                                                                                                                                                        Ω
                                                                                                                                                                                                                                                                                              0g 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
       2.06822750e + 01 \quad 3.15388629e - 02 - 1.07571215e - 05 \quad 1.66690260e - 09 - 9.65810393e - 14 \quad 1.07571215e - 1.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.
 3
      1.87705822e-08-2.67571220e-12-1.15141029e+04 4.02316266e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
 c7h12-13
                                                                                                                                                                                            7h 120
                                                                                                                                                                                                                                                        00
                                                                                                                                                                                                                                                                                        0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
       2
 -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ 0.76632810E - 01 - 0.45892160E - 04 \\ -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ -0.39655290E + 04 - 0.64368450E + 02 - 0.14285510E + 01 \\ -0.39655290E + 01 - 0.45892160E + 01 \\ -0.39655290E + 0.04892160E + 0.048920E + 0.04892160E + 0.048920
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       0.77791240E-08 0.17312890E-11 0.16168500E+04 0.35307040E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                          1/23/ 8 ThERMc
                                                                                                                                                                                            7h 12
                                                                                                                                                                                                                                                                                                  OG 300.000 5000.000 1394.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                41
 c7h12-16
                                                                                                                                                                                                                                                                 0
       1.99811850E+01 2.73256602E-02-9.27589536E-06 1.43298085E-09-8.28566088E-14
 3
       2.09665248E-08-3.22821096E-12 5.20521691E+03 4.03931518E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
Cc7h13-1
                                                                           9/11/ 3
                                                                                                                                                                 C
                                                                                                                                                                                            7h 13
                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1390.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
        2.02038608e+01 2.93419067e-02-9.98810855e-06 1.54578179e-09-8.94871756e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
        5.39375625e+03-7.64699376e+01-4.54324169e-01 7.47544837e-02-4.75103113e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       1.54448401e-08-2.04403706e-12 1.28849813e+04 3.55409723e+01
                                                                          1/24/ 8 ThERMC
                                                                                                                                                                                          7h 13
                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
Dc7h13-1
        2.05321062E+01 2.85988588E-02-9.64125534E-06 1.48314293E-09-8.55245930E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
        5.35259833E+03-7.70635568E+01-3.37870973E-01 7.22549356E-02-4.22499105E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       1.14646497E-08-1.05306924E-12 1.30682289E+04 3.67608087E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                          1/24/ 8 ThERMC
                                                                                                                                                                                             7h 13
                                                                                                                                                                                                                                                                                                                                    300.000 5000.000 1383.000
 Ec7h13-1
                                                                                                                                                                                                                                                        Ω
                                                                                                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                51
        2.05321062E+01 2.85988588E-02-9.64125534E-06 1.48314293E-09-8.55245930E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.
        5.35259833E+03-7.70635568E+01-3.37870973E-01 7.22549356E-02-4.22499105E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
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1.14646497E-08-1.05306924E-12 1.30682289E+04 3.67608087E+01

4

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Fc7h13-1
                                                       1/24/ 8 ThERMc
                                                                                                                                             7h 13
                                                                                                                                                                                           0 OG 300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                                                                                                                              51
     2.05321062E+01 2.85988588E-02-9.64125534E-06 1.48314293E-09-8.55245930E-14
                                                                                                                                                                                                                                                                                                                                                                                                                  2.
     5.35259833E+03-7.70635568E+01-3.37870973E-01 7.22549356E-02-4.22499105E-05
                                                                                                                                                                                                                                                                                                                                                                                                                  3
     1.14646497E-08-1.05306924E-12 1.30682289E+04 3.67608087E+01
                                                                                                                   c 7h 13 0
                                                      Thergas
                                                                                                                                                                                                             OG 300.000 5000.000 1000.000
Dc7h13-2
     0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \quad 0.12278411E - 08 - 0.70590167E - 13 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 02 \quad 0.29077549E - 01 - 0.85321262E - 05 \\ 0.18532408E + 0.0007648E - 0.0007648E - 0.000764E 
                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.24075762E+04-0.68958923E+02 0.64706725E+00 0.70315212E-01-0.43204149E-04
     0.15585531E-07-0.31062438E-11 0.34339824E+04 0.26660000E+02
                                               Thergas c 7h 13 0 0G 300.000 5000.000 1000.000
Ec7h13-3
                                                                                                                                                                                                                                                                                                                                                                                                                   1
     2
3
     0.16501390E-07-0.28516974E-11 \quad 0.35957886E+04 \quad 0.31549231E+02
                                                                                                                                                                                                                                                                                                                                                                                                                   4
Ac7h13-3 1/24/8 ThERMc 7h 13 0 0G 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                              51
     2.02595343E+01 2.94019199E-02-1.00312524E-05 1.55475333E-09-9.00969885E-14
                                                                                                                                                                                                                                                                                                                                                                                                                  2
     5.42336436E+03-7.56005591E+01-1.28816625E+00 7.82039641E-02-5.22552162E-05
     1.82427873E-08-2.64174309E-12 1.31025026E+04 4.07391378E+01
                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                         Thergas c 7h 15o 1 0G 300.000 5000.000 1000.000
c7h14rohAB
                                                                                                                                                                                                                                                                                                                                                                                                                   1
     0.20698971E+02 0.33696633E-01-0.98725559E-05 0.14190132E-08-0.81504024E-13
-0.26692963E + 05 - 0.73146492E + 02 - 0.16499925E + 01 0.98895051E - 01 - 0.85952001E - 04
     0.45696478E-07-0.11122874E-10-0.20444488E+05 0.42077171E+02
c7h14qjohAB Thergas c 7h 15o 3
                                                                                                                                                                                                                OG 300.000 5000.000 1000.000
     0.45896915E+02 0.58222981E-02-0.53322441E-06 0.25795534E-10-0.39857276E-15
-0.55414203E + 05 - 0.21141504E + 03 \quad 0.20359340E + 01 \quad 0.89888103E - 01 - 0.49061073E - 04 - 0.89888103E - 01 - 0.49061073E - 0.49061074E - 0.490
     0.89672811E-08-0.62321161E-12-0.39520984E+05 0.28939226E+02
c7h14rohBC
                                                         Thergas
                                                                                                             c 7h 15o 1
                                                                                                                                                                                                              OG 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                  1
     0.41978401E+02 0.43258904E-02-0.33152264E-06 0.15963855E-10-0.41641889E-15
                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.38399004E + 05 - 0.19519594E + 03 \quad 0.75597651E - 01 \quad 0.90568408E - 01 - 0.70665265E - 04 \\ -0.38399004E + 05 - 0.19519594E + 03 \quad 0.75597651E - 01 \quad 0.90568408E - 01 - 0.70665265E - 04 \\ -0.38399004E + 05 - 0.19519594E + 03 \quad 0.75597651E - 01 \quad 0.90568408E - 01 - 0.70665265E - 04 \\ -0.38399004E + 0.00668408E - 0.006
                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.37465313E-07-0.11440053E-10-0.23247287E+05 0.33559525E+02
c7h14qjohBC Thergas c 7h 15o 3
                                                                                                                                                                                                             OG 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                  1
     0.11544290E + 02 \quad 0.57450172E - 01 - 0.20549713E - 04 \quad 0.33994223E - 08 - 0.21489031E - 12 - 0.20549713E - 04 \quad 0.33994223E - 08 - 0.21489031E - 12 - 0.20549713E - 04 \quad 0.33994223E - 08 - 0.21489031E - 0.20549713E - 0.20549712E - 0.2054
                                                                                                                                                                                                                                                                                                                                                                                                                   2.
-0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ 0.10877351E + 00 - 0.80857884E - 04 \\ -0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ -0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ -0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ -0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ -0.43327180E + 05 - 0.16956802E + 02 - 0.10065804E + 01 \\ -0.43327180E + 0.00065804E + 0.00065804E + 0.00065804E + 0.00065804E + 0.0006664E + 0.000664E + 0.0006664E + 0.000664E + 0.0006664E + 0.0006664E + 0.000664E + 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.25605592E-07-0.92462117E-12-0.41744852E+05 0.41347656E+02
                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                           Thergas c 7h 15o 1
                                                                                                                                                                                                              OG 300.000 5000.000 1000.000
c7h14rohCD
                                                                                                                                                                                                                                                                                                                                                                                                                  1
      \texttt{0.41948868E+02} \ \texttt{0.43795775E-02-0.36361692E-06} \ \texttt{0.23646168E-10-0.10534741E-14} 
                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.38115375\mathtt{E} + 05 - 0.19503119\mathtt{E} + 03 - 0.88206828\mathtt{E} - 01 \quad 0.91700561\mathtt{E} - 01 - 0.73374889\mathtt{E} - 04
                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.40160277E - 07 - 0.12390547E - 10 - 0.22957961E + 05 \quad 0.34253792E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                   4
c7h14qjohCD Thergas
                                                                                                             c 7h 15o 3
                                                                                                                                                                                                                  OG 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                  1
     0.11688043E + 02 \quad 0.57216343E - 01 - 0.20442554E - 04 \quad 0.33795984E - 08 - 0.21357915E - 12 - 0.20442554E - 04 \quad 0.33795984E - 08 - 0.21357915E - 12 - 0.20442554E - 04 \quad 0.33795984E - 08 - 0.21357915E - 12 - 0.20442554E - 08 - 0.20442554E - 0.204442554E - 0.20444255
-0.43113105E + 05 - 0.17762909E + 02 - 0.10589626E + 01 \\ 0.10915942E + 00 - 0.81844075E - 04 \\ -0.43113105E + 05 - 0.17762909E + 02 - 0.10589626E + 01 \\ -0.43113105E + 05 - 0.17762909E + 02 - 0.10589626E + 01 \\ -0.43113105E + 05 - 0.17762909E + 02 - 0.10589626E + 01 \\ -0.43113105E + 05 - 0.10589626E + 01 \\ -0.43113105E + 05 - 0.10589626E + 01 \\ -0.43113105E + 0.00589626E + 01 \\ -0.43113105E + 0.00589626E + 0.0058962E + 0.00589626E + 0.0058962E + 0.0058962
                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.26651257E - 07 - 0.13164128E - 11 - 0.41467816E + 05 \quad 0.41566452E + 02
c7h15qjA Thergas
                                                                                                                    c 7h 15o 2
                                                                                                                                                                                                                         G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                   1
     -0.25646074E + 05 - 0.87955254E + 02 - 0.28062588E + 00 \\ 0.93979754E - 01 - 0.60533286E - 04 \\ -0.25646074E + 05 - 0.87955254E + 02 - 0.28062588E + 00 \\ -0.25646074E + 05 - 0.87955254E + 02 - 0.28062588E + 00 \\ -0.25646074E + 05 - 0.87955254E + 02 - 0.28062588E + 00 \\ -0.25646074E + 0.08062588E + 0.0806258E + 0.0
     0.16474052E-07-0.67128237E-12-0.18621359E+05 0.36299694E+02
                                                                                                                       c 7h 15o
                                                                                                                                                                                        2
                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                 5000.00 1000.00
     0.10061470E-07-0.16309480E-11-0.21412611E+05 0.28243620E+02
                                                                                                                        c 7h 15o 2
c7h15qjC Therqas
                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                 5000.00 1000.00
     0.44911877E + 02 \ 0.45366995E - 02 - 0.35486769E - 06 \ 0.15824706E - 10 - 0.29365086E - 15
-0.37165984E + 05 - 0.21130963E + 03 0.14680889E + 01 0.85499540E - 01 - 0.44888893E - 04
     0.78900690E-08-0.86276076E-12-0.21155010E+05 0.27684477E+02
                                                                                                                                          7h 15o
                                                                                                                                                                                            2
                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                 5000.00 1000.00
c7h15giD Thergas
                                                                                                                        C
     0.44911877E + 02 0.45366995E - 02 - 0.35486769E - 06 0.15824706E - 10 - 0.29365086E - 15
-0.37166145 \pm +05 -0.21200342 \pm +03 \quad 0.15578123 \pm +01 \quad 0.84882416 \pm -01 -0.43419066 \pm -04
     0.64345356E-08-0.35128465E-12-0.21164686E+05 0.26610418E+02
                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                            7h 15o
c7h14rAgA Thergas
                                                                                                                                                                                            2.
                                                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                        C
     -0.21611477E + 05 - 0.86755051E + 02 - 0.26428804E + 00 \\ 0.10312117E + 00 - 0.90321941E - 04 \\ -0.21611477E + 05 - 0.86755051E + 02 - 0.26428804E + 00 \\ -0.21611477E + 05 - 0.86755051E + 02 - 0.26428804E + 00 \\ -0.21611477E + 00 - 0.90321941E - 04 \\ -0.21611477E + 0.00077E + 0.00077E + 0.0007E + 0.0007E
                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.46938350E-07-0.11047218E-10-0.14899463E+05 0.37933216E+02
                                                                                                                                                                                                                                                                                                                                                                                                                   4
c7h14rBqA Thergas
                                                                                                                                             7h 15o 2 G 0300.00 5000.00 1000.00
                                                                                                    С
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0.23888094E+02 0.32660786E-01-0.93713870E-05 0.13277813E-08-0.75567882E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
3
     0.45513747E-07-0.10494014E-10-0.13046411E+05 0.37652130E+02
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c7h14rCqA Thergas
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      0.23888094E+02 0.32660786E-01-0.93713870E-05 0.13277813E-08-0.75567882E-13
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3
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     0.45513747E-07-0.10494014E-10-0.13046411E+05 0.37652130E+02
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c7h14rDqA Thergas
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      2
-0.19723086E + 05 - 0.86435310E + 02 - 0.19996403E + 00 \\ 0.10270103E + 00 - 0.89086010E - 04 \\ -0.19723086E + 05 - 0.86435310E + 02 - 0.19996403E + 00 \\ -0.19723086E + 05 - 0.86435310E + 02 - 0.19996403E + 00 \\ -0.19723086E + 05 - 0.86435310E + 02 - 0.19996403E + 00 \\ -0.19723086E + 00 - 0.86435310E + 00 \\ -0.19723086E + 0.00086E + 0.00086E + 0.00086E \\ -0.19723086E + 0.00086E + 0.00086E + 0.00086E + 0.00086E \\ -0.19723086E + 0.00086E + 0.00086E + 0.00086E + 0.00086E \\ -0.19723086E + 0.00086E + 0.00086E + 0.00086E + 0.00086E + 0.00086E \\ -0.19723086E + 0.00086E + 0.00086
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      0.45513747E - 07 - 0.10494014E - 10 - 0.13046411E + 05 \quad 0.37652130E + 02
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c7h14rEqA Thergas
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      0.23888094E+02 0.32660786E-01-0.93713870E-05 0.13277813E-08-0.75567882E-13
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      0.45513747E-07-0.10494014E-10-0.13046411E+05 0.37652130E+02
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c7h14rFqA Therqas
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      0.23615696E+02 0.33179350E-01-0.96121621E-05 0.13737135E-08-0.78769043E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.19661877E+05-0.85022552E+02 0.78662324E+00 0.95704161E-01-0.73440278E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.31238994E-07-0.57970490E-11-0.13141836E+05 0.33538815E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
c7h14rGqA Therqas
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      0.24310860E+02 0.32514811E-01-0.93451663E-05 0.13232798E-08-0.75150904E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.18819742E + 05 - 0.89074661E + 02 - 0.37047751E - 01 \ 0.10061781E + 00 - 0.81466394E - 04 \ 0.0061781E + 0.0061781
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.37156521E-07-0.75437582E-11-0.11947512E+05 0.36995075E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
c7h14rAqB Thergas
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      0.45190552E+02 0.39249966E-02-0.26945162E-06 0.10540411E-10-0.15673087E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.30734975E+05-0.20893950E+03 0.16332978E+01 0.92683263E-01-0.67139903E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
     0.29896846E-07-0.82075692E-11-0.15096797E+05 0.28710058E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
c7h14rBqB Thergas
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     0.44392441E+02 0.41862428E-02-0.25222701E-06-0.11902487E-11 0.95383332E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.34010000E + 05 - 0.20455539E + 03 \quad 0.20146108E + 01 \quad 0.91834389E - 01 - 0.71306851E - 04 \quad 0.91834389E - 01 - 0.71306851E - 0.91834389E - 0.9183489E - 0.918489E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
     0.36746279E-07-0.10933351E-10-0.18771375E+05 0.26543888E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
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c7h14rCqB Thergas
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                                                                                                                                                                 C
     0.44805279E + 02 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 15 \ 0.40119044E - 02 - 0.26433668E - 06 \ 0.70999157E - 11 \ 0.16614752E - 11 \ 0.16614752E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.31302529E + 05 - 0.20651306E + 03 \quad 0.14362786E + 01 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 0.95005780E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
     {\tt 0.38841929E-07-0.11368077E-10-0.15839826E+05\ 0.29511168E+02}
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c7h14rDqB Thergas
                                                                                                                                                                 С
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     0.44805279E + 02 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 11 \quad 0.16614752E - 15 \quad 0.44805279E + 02 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 11 \quad 0.16614752E - 15 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 0.26433668E - 0.2643668E - 0.2646868E - 0.26668E - 0.2666868E - 0.26668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
-0.31302529E + 05 - 0.20651306E + 03 \quad 0.14362786E + 01 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      \texttt{0.38841929E-07-0.11368077E-10-0.15839826E+05} \ \texttt{0.29511168E+02} 
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c7h14rEqB Thergas
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                                                                                                                                                                  C
     0.44805279E + 02 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 11 \quad 0.16614752E - 15 \quad 0.44805279E + 02 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 11 \quad 0.16614752E - 15 \quad 0.40119044E - 02 - 0.26433668E - 06 \quad 0.70999157E - 0.26433668E - 0.2643668E - 0.2646868E - 0.2666868E - 0.266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.31302529E + 05 - 0.20651306E + 03 \quad 0.14362786E + 01 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.75341442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.95005780E - 01 - 0.753414442E - 04 \quad 0.95005780E - 01 - 0.753414442E - 0.95005780E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
     0.38841929E-07-0.11368077E-10-0.15839826E+05 0.29511168E+02
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c7h14rFqB Thergas
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                                                                                                                                                                  С
      0.44682278E + 02 \quad 0.42416449E - 02 - 0.33470030E - 06 \quad 0.20407849E - 10 - 0.86585259E - 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.31295688E + 05 - 0.20591916E + 03 \quad 0.25851307E + 01 \quad 0.86880840E - 01 - 0.56979061E - 04 \quad 0.86880840E - 01 - 0.86880840E - 0.86880E - 0.868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
     0.21848990E - 07 - 0.57071249E - 11 - 0.15952580E + 05 \quad 0.24711012E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
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c7h14rGqB Therqas
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      0.45190552E+02 0.39249966E-02-0.26945162E-06 0.10540411E-10-0.15673087E-15
-0.30382717E + 05 - 0.20893950E + 03 \quad 0.16332978E + 01 \quad 0.92683263E - 01 - 0.67139903E - 04 \quad 0.92683263E - 01 - 0.92683263E - 01 - 0.67139903E - 0.00682E - 0.00682
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.29896846E-07-0.82075692E-11-0.14744538E+05 0.28710058E+02
c7h14rAqC Therqas
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                                                                                                                                                                 C
      0.45181408E+02 0.39412803E-02-0.27884789E-06 0.12650853E-10-0.32101961E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.30107604 \pm +05 -0.20888928 \pm +03 \quad 0.17774829 \pm +01 \quad 0.91677897 \pm -01 -0.64711348 \pm -04
      0.27458762E-07-0.73396367E-11-0.14488153E+05 0.28100180E+02
c7h14rBqC Therqas
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      0.44775665E+02 0.40761526E-02-0.23768885E-06-0.25779721E-11 0.10269779E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
-0.31061422E + 05 - 0.20643967E + 03 \quad 0.24893067E + 01 \quad 0.87553196E - 01 - 0.58610600E - 04 \quad 0.87553196E - 01 - 0.88610600E - 04 \quad 0.88610600E - 0.886106000E - 0.88610600E - 0.88610600E - 0.88610600E - 0.88610600E - 0.8861000E - 0.8861000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.23489630E-07-0.62904595E-11-0.15670702E+05 0.25115705E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
c7h14rCqC Thergas
                                                                                                                                                                                              7h 15o
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                                                                                                                                                                 C
       \texttt{0.44435394E+02 0.41029528E-02-0.26996420E-06 0.67037964E-11 0.22165611E-15 } \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
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-0.33714309E+05-0.20470654E+03 0.11001769E+01 0.98336764E-01-0.85778898E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.49861015E-07-0.15222672E-10-0.18412018E+05 0.30350811E+02
c7h14rDqC Therqas
                                                                                                                                                                                                              7h 15o
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                                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                             C
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       0.44839077E+02 0.39527244E-02-0.22995101E-06-0.10338390E-11 0.83561828E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
-0.31044543E + 05 - 0.20670189E + 03 \quad 0.13982633E + 01 \quad 0.95270954E - 01 - 0.75980410E - 04 \\ -0.31044543E + 05 - 0.20670189E + 03 \quad 0.13982633E + 01 \quad 0.95270954E - 01 - 0.75980410E - 04 \\ -0.31044543E + 0.00670189E + 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.39478863E-07-0.11592266E-10-0.15564044E+05 0.29671926E+02
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c7h14rEqC Thergas
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                                                                                                                                                                                                                                                                                                            G 0300.00
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       0.44839077E + 02 \ 0.39527244E - 02 - 0.22995101E - 06 - 0.10338390E - 11 \ 0.83561828E - 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.31044543E+05-0.20670189E+03 0.13982633E+01 0.95270954E-01-0.75980410E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      \tt 0.39478863E-07-0.11592266E-10-0.15564044E+05 \ 0.29671926E+02
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c7h14rFqC Thergas
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                                                                                                                                                                       C
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       0.44775665E + 02 \quad 0.40761526E - 02 - 0.23768885E - 06 - 0.25779721E - 11 \quad 0.10269779E - 14 \quad 0.1026979E - 14 \quad 0.1026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.31061422E + 05 - 0.20643967E + 03 \quad 0.24893067E + 01 \quad 0.87553196E - 01 - 0.58610600E - 04 \quad 0.87553196E - 01 - 0.58610600E - 04 \quad 0.87553196E - 01 - 0.58610600E - 04 \quad 0.88610E - 01 - 0.88610E - 0.8861
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.23489630E - 07 - 0.62904595E - 11 - 0.15670702E + 05 \quad 0.25115705E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c7h14rGqC Thergas
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
       0.45181408E + 02 \quad 0.39412803E - 02 - 0.27884789E - 06 \quad 0.12650853E - 10 - 0.32101961E - 15 \\ 0.45181408E + 02 \quad 0.39412803E - 02 - 0.27884789E - 06 \quad 0.12650853E - 10 - 0.32101961E - 15 \\ 0.45181408E + 02 \quad 0.39412803E - 02 - 0.27884789E - 06 \quad 0.12650853E - 10 - 0.32101961E - 15 \\ 0.45181408E + 02 \quad 0.39412803E - 02 - 0.27884789E - 06 \quad 0.12650853E - 10 - 0.32101961E - 15 \\ 0.45181408E + 0.27884789E - 0.27884789E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.30107604E + 05 - 0.20888928E + 03 \quad 0.17774829E + 01 \quad 0.91677897E - 01 - 0.64711348E - 04 \quad 0.91677897E - 01 - 0.91677897E - 0.916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.27458762E-07-0.73396367E-11-0.14488153E+05 0.28100180E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c7h14rAqD Therqas
                                                                                                                                                                              c 7h 15o
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                                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
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       0.45181408E+02 0.39412803E-02-0.27884789E-06 0.12650853E-10-0.32101961E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.30107604E + 05 - 0.20888928E + 03 \quad 0.17774829E + 01 \quad 0.91677897E - 01 - 0.64711348E - 04 \quad 0.91677897E - 01 - 0.91677897E - 0.916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.27458762E-07-0.73396367E-11-0.14488153E+05 0.28100176E+02
                                                                                                                                                                                                                                                                                                                                 G 0300.00
c7h14rBqD Therqas
                                                                                                                                                                               c 7h 15o
                                                                                                                                                                                                                                                                                  2.
                                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
       0.44775665E+02 0.40761526E-02-0.23768885E-06-0.25779721E-11 0.10269779E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.31061422 \pm +05 -0.20643967 \pm +03 \quad 0.24893067 \pm +01 \quad 0.87553196 \pm -01 -0.58610600 \pm -04 +01 -0.00612 \pm -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.23489630E-07-0.62904595E-11-0.15670702E+05 0.25115705E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c7h14rCqD Therqas
                                                                                                                                                                             c 7h 15o
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                                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
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       0.44839077E+02 0.39527244E-02-0.22995101E-06-0.10338390E-11 0.83561828E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.31044543E+05-0.20670189E+03 0.13982633E+01 0.95270954E-01-0.75980410E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.39478863E-07-0.11592266E-10-0.15564044E+05 0.29671926E+02
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                                                                                                                                                                          c 7h 15o
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c7h14rDqD Therqas
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      0.44435394E + 02 \ 0.41029528E - 02 - 0.26996420E - 06 \ 0.67037964E - 11 \ 0.22165611E - 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
-0.33714309E + 05 - 0.20539963E + 03 \quad 0.11001769E + 01 \quad 0.98336764E - 01 - 0.85778898E - 04 \quad 0.98336764E - 01 - 0.85778898E - 04 - 0.98336764E - 0.9836764E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.49861015E-07-0.15222672E-10-0.18412018E+05 0.29657728E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                           c 7h 15o
                                                                                                                                                                                                                                                                                                                               G 0300.00
c7h14qjAqA Thergas
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       \texttt{0.46919720E+02} \ \ \texttt{0.69132228E-02-0.71517195E-06} \ \ \texttt{0.41780759E-10-0.10687115E-14} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
3
      0.15435059E-07-0.12050456E-11-0.33409629E+05 0.36722435E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c7h14qjBqA Thergas
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      0.48758560E + 02 \quad 0.54455325E - 02 - 0.43166435E - 06 \quad 0.10703780E - 10 \quad 0.62513583E - 15 \quad 0.62513583E - 10 \quad 0.62513584E - 10 \quad 0.6251364E - 10 \quad 0.6251364E - 10 \quad 0.6251364E - 10 \quad 0.625144E - 10 \quad 0.625
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
3
       0.14180130E-07-0.19112424E-11-0.32089297E+05 0.25159073E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c7h14qjCqA Thergas
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       0.48758560E + 02 \ 0.54455325E - 02 - 0.43166435E - 06 \ 0.10703780E - 10 \ 0.62513583E - 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.48330758E + 05 - 0.22361873E + 03 \quad 0.31689079E + 01 \quad 0.95913351E - 01 - 0.57568777E - 04 \quad 0.95913351E - 01 - 0.57568777E - 0.00012E - 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.14180130E-07-0.19112424E-11-0.32089297E+05 0.25158997E+02
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c7h14qjDqA Therqas
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       0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
-0.48330758E + 05 - 0.22361858E + 03 \quad 0.31689079E + 01 \quad 0.95913351E - 01 - 0.57568777E - 04 \quad 0.95913351E - 01 - 0.57568777E - 0.00016E - 0.0
      0.14180130E - 07 - 0.19112424E - 11 - 0.32089297E + 05 0.25159142E + 02
c7h14qjEqA Therqas
                                                                                                                                                                               С
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       0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.48330973E + 05 - 0.22361868E + 03 \quad 0.32939990E + 01 \quad 0.95046610E - 01 - 0.55489734E - 04 + 0.066610E - 0.06
       0.12108363E-07-0.11792883E-11-0.32102691E+05 0.24629757E+02
                                                                                                                                                                                                             7h 15o
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c7h14qjFqA Thergas
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       0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
-0.48602574E + 05 - 0.22361700E + 03 \quad 0.32193439E + 01 \quad 0.95561385E - 01 - 0.56718371E - 04 \quad 0.95561385E - 0.0006E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.13327141E-07-0.16081653E-11-0.32366402E+05 0.24947639E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                                              7h 15o
c7h14qiGqA Therqas
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                                                                                                                                                                               C
       0.26975155E+02 0.35778895E-01-0.10531483E-04 0.15184778E-08-0.87387000E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
3
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0.19927683E-07-0.71221929E-12-0.29573631E+05 0.33754341E+02
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                                                                               7h 15o
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c7h14qjAqB Therqas
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  0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
                                                                                                                                                                                                                                   2.
-0.48330758E + 05 - 0.22292549E + 03 \quad 0.31689079E + 01 \quad 0.95913351E - 01 - 0.57568777E - 04 \quad 0.95913351E - 01 - 0.57568777E - 0.00012E - 0.0
                                                                                                                                                                                                                                   3
  0.14180130E-07-0.19112424E-11-0.32089297E+05 0.25852232E+02
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                                                                               7h 15o
c7h14qjBqB Thergas
                                                                   C
                                                                                                                             G 0300.00
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  2
-0.50915621E + 05 - 0.20731842E + 03 \quad 0.43764430E + 00 \quad 0.10315953E + 00 - 0.62971063E - 04 \quad 0.10315955E + 00 - 0.62971063E - 04 \quad 0.1031595E + 0.0005E + 0
                                                                                                                                                                                                                                   3
  0.13940753\mathtt{E} - 07 - 0.58307591\mathtt{E} - 12 - 0.35492223\mathtt{E} + 05 \quad 0.35308372\mathtt{E} + 02
                                                                                                                                                                                                                                   4
c7h14qjCqB Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
                                                                                                                                                                                                                                   2
-0.36094477E + 05 - 0.27464142E + 02 \quad 0.37933916E + 00 \quad 0.11296361E + 00 - 0.84711312E - 041296361E + 00 - 0.847112E - 0.84711
                                                                                                                                                                                                                                   3
  0.25885498\mathtt{E} - 07 - 0.35842984\mathtt{E} - 12 - 0.34339266\mathtt{E} + 05 \quad 0.36506748\mathtt{E} + 02
                                                                                                                                                                                                                                   4
                                                                               7h 15o
c7h14qjDqB Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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-0.36094527E+05-0.26771049E+02 0.40947607E+00 0.11275890E+00-0.84228937E-04
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  0.25411993E-07-0.19323120E-12-0.34342559E+05 0.37071712E+02
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c7h14qjEqB Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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3
  0.25411993E-07-0.19323120E-12-0.34342559E+05 0.37072186E+02
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c7h14qjFqB Therqas
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  0.13927637E+02 0.57605498E-01-0.20497164E-04 0.33773853E-08-0.21286956E-12
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3
  0.26414055E-07-0.52749141E-12-0.34606598E+05 0.37370857E+02
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c7h14qjGqB Therqas
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  0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
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-0.48602449 \pm +05 -0.22361919 \pm +03 \quad 0.31387708 \pm +01 \quad 0.96118048 \pm -01 -0.58051151 \pm -04
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  0.14653637E-07-0.20764412E-11-0.32357742E+05 0.25286674E+02
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c7h14qjAqC Thergas
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  0.48758560E + 02 0.54455325E - 02 - 0.43166435E - 06 0.10703780E - 10 0.62513583E - 15
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-0.48330762E+05-0.22292581E+03 0.31689079E+01 0.95913351E-01-0.57568777E-04
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  0.14180130E-07-0.19112424E-11-0.32089299E+05 0.25851910E+02
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c7h14qjBqC Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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3
  0.24938485E-07-0.28032574E-13-0.34345852E+05 0.36945232E+02
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c7h14qjCqC Thergas
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  0.14177506E-07-0.66567514E-12-0.35490574E+05 \quad 0.36065315E+02
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c7h14qjDqC Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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3
  0.25411993E-07-0.19323120E-12-0.34070816E+05 0.36378628E+02
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c7h14qjEqC Thergas
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  0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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  0.25411993E-07-0.19323120E-12-0.34070816E+05 0.36379120E+02
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c7h14qjFqC Therqas
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  0.13927637E + 02 0.57605498E - 01 - 0.20497164E - 04 0.33773853E - 08 - 0.21286956E - 12
                                                                                                                                                                                                                                   2
-0.36015348 \pm +05 -0.26362198 \pm +02 \quad 0.33987576 \pm +00 \quad 0.11322224 \pm +00 -0.85289197 \pm -04
                                                                                                                                                                                                                                   3
  0.26414055E-07-0.52749141E-12-0.34334859E+05 0.36677765E+02
c7h14qjGqC Therqas
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  0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
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-0.48330711E+05-0.22292604E+03 0.31387708E+01 0.96118048E-01-0.58051151E-04
                                                                                                                                                                                                                                   3
  0.14653637E-07-0.20764412E-11-0.32086002E+05 0.25979818E+02
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c7h14qjAqD Thergas
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  0.48758560E+02 0.54455325E-02-0.43166435E-06 0.10703780E-10 0.62513583E-15
                                                                                                                                                                                                                                   2.
-0.48330758E + 05 - 0.22361911E + 03 \quad 0.31689079E + 01 \quad 0.95913351E - 01 - 0.57568777E - 04 \quad 0.95913351E - 01 - 0.57568777E - 0.00012E - 0.0
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  0.14180130E-07-0.19112424E-11-0.32089297E+05 0.25158613E+02
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c7h14qjBqD Thergas
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     0.14123916E + 02 \quad 0.57279505E - 01 - 0.20336662E - 04 \quad 0.33450687E - 08 - 0.21053912E - 12 - 0.20336662E - 04 \quad 0.33450687E - 08 - 0.21053912E - 12 - 0.20336662E - 04 \quad 0.33450687E - 08 - 0.21053912E - 12 - 0.20336662E - 0.2033662E - 0.2033662E - 0.2033662E - 0.20336662E - 0.2033662E - 0.2033662E - 0.2033662E - 0.2033662E - 0.20336662E - 0.2036662E - 0.203662E - 0.203662E - 0.203662E - 0.203662E - 0.2036662E - 0.203662E - 0.203662E - 0
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     0.24938485E-07-0.28032574E-13-0.34345852E+05 0.36945232E+02
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5000.00 1000.00
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     0.14123916E+02 0.57279505E-01-0.20336662E-04 0.33450687E-08-0.21053912E-12
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-0.35822785E+05-0.26770576E+02 0.40947607E+00 0.11275890E+00-0.84228937E-04
     {\tt 0.25411993E-07-0.19323120E-12-0.34070816E+05\ 0.37072186E+02}
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c7h14qjDqD Thergas
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     2
-0.50915602E + 05 - 0.20731870E + 03 \quad 0.42257586E + 00 \quad 0.10326187E + 00 - 0.63212254E - 04 \\ -0.50915602E + 05 - 0.20731870E + 03 \quad 0.42257586E + 00 \quad 0.10326187E + 00 - 0.63212254E - 04 \\ -0.50915602E + 0.50915602E + 0.5
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     0.14177506E-07-0.66567514E-12-0.35490574E+05 \quad 0.35372154E+02
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                                                                                                                                                              7h 14o 1
c7h14o#3
                                                                                                                                       С
                                                                                                                                                                                                                                    G 0300.00 5000.00 1000.00
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     2
-0.32099486E + 05 - 0.59844536E + 02 - 0.94757181E + 00 \quad 0.83270840E - 01 - 0.38094015E - 04 - 0.88270840E - 01 - 0.88270840E - 0.882708
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-0.62292478E-08 0.76657543E-11-0.26967699E+05 0.33349785E+02
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c7h14o#4
                                                                                                                                       c 7h 14o 1
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     0.90986776E+01 0.56584548E-01-0.22478689E-04 0.40028287E-08-0.26642490E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
-0.30604881E + 05 - 0.22008934E + 02 - 0.90264168E + 01 \quad 0.12696323E + 00 - 0.13411828E - 03 \\ -0.30604881E + 05 - 0.22008934E + 02 - 0.90264168E + 01 \\ -0.30604881E + 05 - 0.22008934E + 02 - 0.90264168E + 01 \\ -0.30604881E + 05 - 0.22008934E + 02 - 0.90264168E + 01 \\ -0.30604881E + 00 - 0.13411828E - 03 \\ -0.30604881E + 0.0060481E + 0.0060481E + 0.0060481E \\ -0.3060481E + 0.0060481E + 0.0060481E + 0.0060481E + 0.0060481E \\ -0.3060481E + 0.0060481E + 0.0060481E + 0.0060481E + 0.0060481E \\ -0.3060481E + 0.0060481E + 0.0060481E + 0.0060481E + 0.0060481E \\ -0.3060481E + 0.0060481E + 0.0060481E + 0.0060481E + 0.0060481E \\ -0.3060481E + 0.0060481E +
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     0.84973180E - 07 - 0.21997879E - 10 - 0.26352227E + 05 0.67078644E + 02
c7h14o#5
                                                                                                                                       c 7h 14o
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                                                                                                                                                                                                                                                    G 0300.00
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     0.18016979E+02 0.41417211E-01-0.14918418E-04 0.24784068E-08-0.15705009E-12
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-0.43248656E + 05 - 0.69954178E + 02 - 0.46336904E + 01 \\ 0.11263376E + 00 - 0.96761600E - 04 \\ -0.43248656E + 05 - 0.69954178E + 02 - 0.46336904E + 01 \\ -0.43248656E + 05 - 0.69954178E + 02 - 0.46336904E + 01 \\ -0.43248656E + 05 - 0.69954178E + 02 - 0.46336904E + 01 \\ -0.43248656E + 05 - 0.69954178E + 02 - 0.46336904E + 01 \\ -0.43248656E + 00 - 0.96761600E - 04 \\ -0.43248656E + 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.000E \\ -0.43248656E + 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.000E - 0.000E \\ -0.43248656E + 0.0000E - 0.0000E - 0.000E 
     0.41775536E-07-0.62402917E-11-0.37532832E+05 0.44637928E+02
c7h14o#6
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     0.18053444E+02 0.41352723E-01-0.14880672E-04 0.24694922E-08-0.15631805E-12
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-0.45980504E + 05 - 0.72874283E + 02 - 0.48092661E + 01 0.11384974E + 00 - 0.99678691E - 04
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     0.44683308E-07-0.72679709E-11-0.40231418E+05 0.42664360E+02
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                                                                                                                               c 7h 14o 1
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c7h14o-AB Thergas
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     0.25317547E + 02 \ 0.27014595E - 01 - 0.80344398E - 05 \ 0.11650484E - 08 - 0.67199447E - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
-0.33132359E + 05 - 0.10656684E + 03 - 0.12610518E + 01 \\ 0.85094646E - 01 - 0.47995236E - 04 \\ -0.85094646E - 01 - 0.47995236E - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.479952 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.4799526 - 0.479962 - 0.4799526 - 0.4799526 - 0.479962 - 0.4799526 - 0.479960 - 0.4799526 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.479960 - 0.47990
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     0.89957570E-08 0.55070678E-12-0.24354779E+05 0.36167255E+02
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c7h14o-AC 2/10/95
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     2.33840162 e + 01 \quad 3.26747680 e - 02 - 1.12496957 e - 05 \quad 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 13 \\ 1.75424237 e - 09 - 1.02088356 e - 10 \\ 1.75424237 e - 09 - 1.02088356 e - 10 \\ 1.75424237 e - 09 - 1.02088356 e - 10 \\ 1.75424237 e - 09 - 1.0208836 e - 10 \\ 1.75424237 e - 09 - 00 \\ 1.75424237 e - 00 \\ 1.754247 e - 00 \\ 1.75447 e - 00 \\ 1.754247 e - 00 \\ 1.754247 e - 00 \\ 1.754247 e - 00 \\
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-3.35320676 \\ e+04-9.93857329 \\ e+01-6.65407598 \\ e+00 \\ 1.06857688 \\ e-01-8.28600373 \\ e-05-28600373 \\ e-05-28600370 \\ e-05
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     3.37794034e-08-5.65586099e-12-2.34614627e+04 6.05805871e+01
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c7h14o-AD Thergas
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-0.10861847E+02 0.90801008E-01-0.40454895E-04 0.78092146E-08-0.55053195E-12
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3
     0.23669205 \\ E-07 \quad 0.20558646 \\ E-12-0.34778145 \\ E+05 \quad 0.41888092 \\ E+02 \quad 0.4188809 \\ E+03 \quad 0.4188809 \\ E+04 \quad 0.4188809 \\ E+05 \quad 0.418809 \\ E+05 \quad 0.4188809 \\ E+05 \quad 0.418809 \\ E
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c7h14o-AE Thergas
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-0.10861847E+02 0.90801008E-01-0.40454895E-04 0.78092146E-08-0.55053195E-12
0.23669205E-07 0.20558646E-12-0.37495551E+05 0.39170692E+02
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c7h14o-BC Thergas
     0.22146355E+02 0.32465883E-01-0.10475869E-04 0.16118943E-08-0.96946343E-13
3
     0.90239594E-08 0.13851446E-11-0.26911557E+05 0.35782116E+02
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c7h14o-BD 2/10/95
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     2.39263696e+01 3.19760128e-02-1.09563797e-05 1.70304471e-09-9.88892529e-14
-3.57770124e + 04 - 1.02450761e + 02 - 6.14247505e + 00 1.06851133e - 01 - 8.34772177e - 05
     3.40576579e-08-5.66867936e-12-2.58080917e+04 5.73755835e+01
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c7h14o-BE Thergas
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-0.14940094E+02 0.98773286E-01-0.44981825E-04 0.88201961E-08-0.62896059E-12
-0.30170373E+05 \quad 0.11338042E+03-0.36267824E+01 \quad 0.10504738E+00-0.76716671E-04
    0.19612241E-07 0.24764450E-11-0.37361543E+05 0.40450455E+02
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c7h14o-BF Thergas
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-0.14940094E+02 0.98773286E-01-0.44981825E-04 0.88201961E-08-0.62896059E-12
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-0.33159516E + 05 \quad 0.11066302E + 03 - 0.36267824E + 01 \quad 0.10504738E + 00 - 0.76716671E - 04 \\ -0.33159516E + 05 \quad 0.11066302E + 03 - 0.36267824E + 01 \quad 0.10504738E + 00 - 0.76716671E - 04 \\ -0.33159516E + 05 \quad 0.11066302E + 03 - 0.36267824E + 01 \quad 0.10504738E + 00 - 0.76716671E - 04 \\ -0.33159516E + 05 \quad 0.11066302E + 03 - 0.36267824E + 01 \quad 0.10504738E + 00 - 0.76716671E - 04 \\ -0.33159516E + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.005046 + 0.0050
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     0.19612241E-07 0.24764450E-11-0.40350684E+05 0.37733055E+02
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c7h14o-CD Thergas
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0.22146355E+02 0.32465883E-01-0.10475869E-04 0.16118943E-08-0.96946343E-13
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     0.90239594E-08 0.13851446E-11-0.26639816E+05 0.35782116E+02
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c7h14o-CE 2/10/95
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      2.39263696e+01 3.19760128e-02-1.09563797e-05 1.70304471e-09-9.88892529e-14
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-3.57770124e + 04 - 1.02450761e + 02 - 6.14247505e + 00 \quad 1.06851133e - 01 - 8.34772177e - 05 \quad 1.06851133e - 01 - 1.06851134e - 01 - 1.0685114e - 01 - 1.06851
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      3.40576579e-08-5.66867936e-12-2.58080917e+04 5.73755835e+01
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      0.18558531E+02 0.45223482E-01-0.15356611E-04 0.24489846E-08-0.15092975E-12
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-0.43816480E + 05 - 0.59602539E + 02 \quad 0.60635042E + 01 \quad 0.56569051E - 01 \quad 0.33279488E - 04 \quad 0.56569051E - 01 \quad 0.56569051E - 0.56669051E -
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-0.77762287E - 07 \quad 0.32654605E - 10 - 0.39714562E + 05 \quad 0.95821352E + 01
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c7h13o2h
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      2
-0.29785172E + 05 - 0.57199608E + 02 \quad 0.68900800E + 01 \quad 0.49336571E - 01 \quad 0.31621406E - 04 \quad 0.49336571E - 01 \quad 0.49336571E - 0.4933671E - 0.49371E - 0.4933671E - 0.49371E 
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-0.69279082E-07 0.28418179E-10-0.25957135E+05 0.54449635E+01
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c7h13oAqA Therqas
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 -0.41199965E+01 0.81059322E-01-0.33583805E-04 0.61593375E-08-0.41859853E-12
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-0.53183094E + 05 \quad 0.69710876E + 02 - 0.20290637E + 01 \quad 0.10299427E + 00 - 0.72993702E - 04 - 0.00299427E + 00 - 0.00299427E + 0.0029427E + 0.002942
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     0.19758369E-07 0.12546486E-11-0.56839277E+05 0.48085903E+02
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c7h13oAqB Therqas
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     0.10055791E+02 0.58433264E-01-0.22306607E-04 0.38629016E-08-0.25212970E-12
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3
      0.14702011E-07 0.17956256E-11-0.48183516E+05 0.35725052E+02
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c7h13oAqC Therqas
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     0.68146224E+01 0.63339196E-01-0.24655281E-04 0.43262518E-08-0.28487976E-12
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-0.48582660E + 05 0.10640205E + 02 0.17573360E + 01 0.94195053E - 01 - 0.63410480E - 04
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     0.15365915E-07 0.15628359E-11-0.49164363E+05 0.29954626E+02
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c7h13oAqD Thergas
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     0.68146224E+01 \quad 0.63339196E-01-0.24655281E-04 \quad 0.43262518E-08-0.28487976E-12
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-0.48582660E + 05 \quad 0.10640205E + 02 \quad 0.17573360E + 01 \quad 0.94195053E - 01 - 0.63410480E - 04 \quad 0.94195053E - 0.94195054E 
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     0.15365915E-07 0.15628359E-11-0.49164363E+05 0.29954626E+02
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c7h13oAqE Thergas
                                                                                                                              C
                                                                                                                                                                                                    3
     0.68146224E+01 0.63339196E-01-0.24655281E-04 0.43262518E-08-0.28487976E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                      2
-0.48582660E + 05 \quad 0.10640205E + 02 \quad 0.17573360E + 01 \quad 0.94195053E - 01 - 0.63410480E - 04 \quad 0.94195053E - 0.94195054E 
                                                                                                                                                                                                                                                                                                                                                                                                                                      3
     0.15365915E-07 \ 0.15628359E-11-0.49164363E+05 \ 0.29954626E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                                                    7h 14o
                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                      1
c7h13oAqF Thergas
                                                                                                                             C
                                                                                                                                                                                                     3
     0.65449371E+01 \quad 0.63804850E-01-0.24902043E-04 \quad 0.43793089E-08-0.28891559E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                      2.
-0.48747801E+05 0.12144302E+02 0.17039071E+01 0.94535515E-01-0.64148109E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                      3
     0.16018999E-07 \ 0.13609833E-11-0.49429984E+05 \ 0.30184950E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                      4
c7h13oAqG Thergas
                                                                                                                                                    7h 14o
                                                                                                                                                                                                   3
                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                      1
                                                                                                                            C
     2.
-0.47955117E + 05 - 0.10830147E + 02 \quad 0.20587246E + 01 \quad 0.91177449E - 01 - 0.59923517E - 04 \quad 0.91177449E - 01 - 0.991177449E - 0.99117449E 
                                                                                                                                                                                                                                                                                                                                                                                                                                      3
     0.15124380E-07 0.78439382E-12-0.46882031E+05 0.29548262E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                              c 7h 14o
                                                                                                                                                                                                         3
                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                      1
c7h13oBqA Therqas
      0.67901912E+01 0.62539011E-01-0.24117238E-04 0.42043031E-08-0.27558980E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                      2
-0.49493656E+05 \quad 0.10770271E+02 \quad 0.26199572E+01 \quad 0.89184307E-01-0.57956753E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                      3
     0.13851823E-07 0.13762410E-11-0.50108477E+05 0.26222891E+02
                                                                                                                                                  7h 14o
c7h13oBqC Therqas
                                                                                                                              C
                                                                                                                                                                                                          3
                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                               5000.00 1000.00
     -0.67786656E + 05 - 0.20918715E + 03 \quad 0.29112494E + 01 \quad 0.81857376E - 01 - 0.38328377E - 04 \quad 0.81857376E - 01 - 0.818576E - 01 - 0.818576E -
     0.20593687E-08 0.10240022E-11-0.52001805E+05 0.25516926E+02
c7h13oBqD Therqas
                                                                                                                                                   7h 14o
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                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                      1
                                                                                                                              C
     0.82186480E+01 0.60793452E-01-0.23357892E-04 0.40622234E-08-0.26587407E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                      2
-0.52835156E + 05 \quad 0.21772842E + 01 \quad 0.15546507E + 01 \quad 0.93248300E - 01 - 0.61428938E - 04 \quad 0.061428938E - 00 \quad 0.061428938E - 0.061428938E - 0.061428938E - 0.061428938E - 0.061428938E - 0.06142898E - 0.061428988E - 0.06142898E - 0.06142898E - 0.06142898E - 0.06142898E - 0.06142898E - 0.0614289E - 0.0
     0.14494288E-07 0.15211230E-11-0.52673648E+05 0.30867115E+02
                                                                                                                                                   7h 14o
c7h13oBqE Therqas
                                                                                                                            C
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                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                               5000.00 1000.00
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     2.
-0.52835156E+05 0.21772842E+01 0.15546507E+01 0.93248300E-01-0.61428938E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                      3
     0.14494288E-07 0.15211230E-11-0.52673648E+05 0.30867115E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                                                                                c 7h 14o 3
c7h13oBqF Thergas
                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                     1
       \texttt{0.82186480E+01} \ \ \texttt{0.60793452E-01-0.23357892E-04} \ \ \texttt{0.40622234E-08-0.26587407E-12}
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-0.53106895E+05 0.21772842E+01 0.15546507E+01 0.93248300E-01-0.61428938E-04
                                                                                                                                                                                                                                                                                                                  3
   0.14494288E-07 0.15211230E-11-0.52945387E+05 0.30867115E+02
                                                                                                           7h 14o 3
                                                                                                                                                                                                                      5000.00 1000.00
c7h13oBqG Therqas
                                                                           C
                                                                                                                                                                    G 0300.00
   0.12047176E + 02 \quad 0.53854626E - 01 - 0.19862749E - 04 \quad 0.33578831E - 08 - 0.21552881E - 12
                                                                                                                                                                                                                                                                                                                  2.
-0.52172117E + 05 - 0.18729332E + 02 \quad 0.17982396E + 01 \quad 0.90619296E - 01 - 0.58842757E - 04 \\ -0.52172117E + 05 - 0.18729332E + 02 \quad 0.17982396E + 01 \quad 0.90619296E - 01 - 0.58842757E - 04 \\ -0.52172117E + 05 - 0.18729332E + 02 \quad 0.17982396E + 01 \quad 0.90619296E - 01 - 0.58842757E - 04 \\ -0.52172117E + 0.50619296E - 0.18729332E + 0.00619296E - 0.006
                                                                                                                                                                                                                                                                                                                  3
   0.15116978E-07 0.44950821E-12-0.50384961E+05 0.30707191E+02
c7h13oCqA Thergas
                                                                           c 7h 14o 3 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                  1
-0.82995027E+00 \quad 0.75562038E-01-0.30756626E-04 \quad 0.55703624E-08-0.37517193E-12
                                                                                                                                                                                                                                                                                                                  2
-0.47112914E+05 \quad 0.53493481E+02 \quad 0.13843561E+01 \quad 0.94782956E-01-0.66182307E-04
                                                                                                                                                                                                                                                                                                                  3
   0.18075669E-07 0.10142453E-11-0.50533328E+05 0.32173725E+02
                                                                                                                                                                                                                                                                                                                  4
c7h13oCqB Thergas c 7h 14o 3 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                  1
-0.14205081E+01 \quad 0.77749796E-01-0.32102991E-04 \quad 0.58728529E-08-0.39836873E-12
                                                                                                                                                                                                                                                                                                                  2
3
   0.22383103E-07 \ 0.31442882E-12-0.51806988E+05 \ 0.39468834E+02
                                                                                                                                                                                                                                                                                                                  4
                                                                         c 7h 14o 3 G 0300.00 5000.00 1000.00
c7h13oCqD Thergas
                                                                                                                                                                                                                                                                                                                  1
-0.13408147E+01 0.77609472E-01-0.32024709E-04 0.58552172E-08-0.39697613E-12
                                                                                                                                                                                                                                                                                                                  2
-0.48497754E+05 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04
                                                                                                                                                                                                                                                                                                                  3
   0.19125622E-07 0.14651040E-11-0.51827992E+05 0.38637489E+02
                                                                                                                                                                                                                                                                                                                  4
c7h13oCqE Thergas
                                                                                        c 7h 14o 3
                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                      5000.00 1000.00
-0.51406007E+01 0.83614781E-01-0.35064513E-04 0.64851395E-08-0.44334276E-12
-0.47628621E+05 0.76958145E+02 0.93298864E+00 0.98839752E-01-0.72162977E-04
   0.20804139E-07 0.91319563E-12-0.52799598E+05 0.33215393E+02
                                                                                                                                                                     G 0300.00
c7h13oCqF Therqas
                                                                                          c 7h 14o
                                                                                                                                             3
                                                                                                                                                                                                                        5000.00 1000.00
-0.51406007E+01 0.83614781E-01-0.35064513E-04 0.64851395E-08-0.44334276E-12
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-0.47900359E+05 0.76958145E+02 0.93298864E+00 0.98839752E-01-0.72162977E-04
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   0.20804139E-07 0.91319563E-12-0.53071340E+05 0.33215393E+02
c7h13oCqG Therqas
                                                                                         c 7h 14o
                                                                                                                                            3
                                                                                                                                                               G 0300.00
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                                                                                                                                                                                                                                                                                                                  1
-0.82995027E+00 0.75562038E-01-0.30756626E-04 0.55703624E-08-0.37517193E-12
                                                                                                                                                                                                                                                                                                                  2
-0.47112914E+05 0.53493473E+02 0.13843561E+01 0.94782956E-01-0.66182307E-04
                                                                                                                                                                                                                                                                                                                  3
   0.18075669E-07 0.10142453E-11-0.50533328E+05 0.32173717E+02
                                                                                                                                                                                                                                                                                                                  4
c7h13oDqA Thergas
                                                                                  c 7h 14o 3
                                                                                                                                                              G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                  1
-0.82995027E+00\ 0.75562038E-01-0.30756626E-04\ 0.55703624E-08-0.37517193E-12
                                                                                                                                                                                                                                                                                                                  2.
-0.47112914E+05 0.53493473E+02 0.13843561E+01 0.94782956E-01-0.66182307E-04
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   0.18075669E-07 0.10142453E-11-0.50533328E+05 0.32173717E+02
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                                                                                                                                                                   G 0300.00 5000.00 1000.00
                                                                                       c 7h 14o
c7h13oDqB Thergas
                                                                                                                                           3
                                                                                                                                                                                                                                                                                                                  1
-0.51406007E+01 \quad 0.83614781E-01-0.35064513E-04 \quad 0.64851395E-08-0.44334276E-12
                                                                                                                                                                                                                                                                                                                  2
-0.47900359E+05 \quad 0.76958130E+02 \quad 0.93298864E+00 \quad 0.98839752E-01-0.72162977E-04
                                                                                                                                                                                                                                                                                                                  3
   0.20804139E-07 0.91319563E-12-0.53071336E+05 0.33215385E+02
                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                       5000.00 1000.00
                                                                                                                                                                     G 0300.00
c7h13oDqC Thergas
                                                                                        c 7h 14o 3
                                                                                                                                                                                                                                                                                                                  1
2.
-0.48497754E+05 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04 \\ -0.48497754E+05 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04 \\ -0.48497754E+05 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04 \\ -0.48497754E+00 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04 \\ -0.48497754E+00 \quad 0.55278328E+02-0.15882219E+00 \quad 0.10120784E+00-0.72047580E-04 \\ -0.48497754E+00 \quad 0.55278328E+00-0.72047580E-04 \\ -0.48497754E+00 \quad 0.55278328E+00-0.72047580E-04 \\ -0.48497754E+00 \quad 0.55278328E+00-0.72047580E-04 \\ -0.4849754E+00 \quad 0.5527882E+00-0.72047580E-04 \\ -0.4849754E+00 \quad 0.5527882E+00 \quad 0.5527882E+00 \\ -0.4849754E+00 \quad 0.552782E+00 \\ -0.4849754E+00 \quad 0.552784E+00 \\ -
                                                                                                                                                                                                                                                                                                                  3
   0.19125622E-07 0.14651040E-11-0.51827992E+05 0.38637489E+02
                                                                                            c 7h 14o
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                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                                                                                                  1
   0.14832831E + 02 \quad 0.42191949E - 01 - 0.14674234E - 04 \quad 0.23796207E - 08 - 0.14834138E - 12 \\ 0.14832831E + 02 \quad 0.42191949E - 01 - 0.14674234E - 04 \\ 0.23796207E - 08 - 0.14834138E - 12 \\ 0.42191949E - 01 - 0.14674234E - 04 \\ 0.23796207E - 08 - 0.14834138E - 12 \\ 0.42191949E - 01 - 0.14674234E - 04 \\ 0.23796207E - 08 - 0.14834138E - 12 \\ 0.42191949E - 01 - 0.14674234E - 04 \\ 0.421949E - 01 - 0.14674234E - 04 \\ 0.421949E - 01 - 0.14674234E - 04 \\ 0.421949E - 0.14674234E - 0.1467424E - 0.146742E - 0.14
-0.39982094E + 05 - 0.43669754E + 02 \quad 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 00 \quad 0.81262469E - 01 - 0.48522768E - 04 - 0.28977060E + 0.2897706
   0.10197268E-07 0.13261417E-11-0.35940754E+05 0.31669395E+02
                                                                                            c 7h 13o
                                                                                                                                                                        G 0300.00
                                                                                                                                             1
                                                                                                                                                                                                                           5000.00 1000.00
   0.21888067E + 02 0.17680371E - 01 - 0.45973793E - 05 0.60718119E - 09 - 0.32980075E - 13
0.30559153E-07-0.43843913E-11-0.25892623E+05 0.30032263E+02
                                                                                                          7h 14o
                                                                                                                                              1
                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                            5000.00 1000.00
                                                                                            C
   0.14112068E+02 0.43220736E-01-0.15153935E-04 0.24738356E-08-0.15505617E-12
-0.43389070E + 05 - 0.40253830E + 02 \quad 0.24841607E - 01 \quad 0.80699012E - 01 - 0.47310896E - 04 - 0.47310896E - 0.48389070E + 0.4839070E + 0.
   0.99093880E-08 0.11545299E-11-0.39442801E+05 0.32851570E+02
                                                                                                          7h 12o
                                                                                                                                                 10
                                                                                                                                                                    0G
                                                                                                                                                                                         300.00
                                                                                                                                                                                                                           5000.00 1000.00
                                                                                            C
   0.11528383E+02 0.42176731E-01-0.15288200E-04 0.25529086E-08-0.16244418E-12
                                                                                                                                                                                                                                                                                                                  2.
-0.24830617E + 05 - 0.25402847E + 02 0.63094932E + 00 0.73500216E - 01 - 0.43179643E - 04
                                                                                                                                                                                                                                                                                                                  3
   0.88242187E-08 0.99969967E-12-0.22098035E+05 0.30115221E+02
                                                                                                                                                                                                                                                                                                                  4
                                                                                                           7h 11o
                                                                                                                                                 10
                                                                                                                                                                   0G
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                                                                                            C
   2.
-0.74649297E + 04 - 0.33384865E + 02 \quad 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 04 - 0.33384865E + 02 \quad 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 0.10643209E + 01 \quad 0.71520865E - 01 - 0.49151753E - 04 \\ -0.74649297E + 0.10643209E + 0.10644209E + 0.106442000E + 0.106442000E + 0.106442000E + 0.106442000E + 0.106
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0.17507743E-07-0.23133568E-11-0.43351152E+04 0.29169792E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
p2c4h614
                                                                                                                                                                            7h 13o
                                                                                                                                                                                                                                   00
                                                                                                                                                                                                                                                               0G
                                                                                                                                                   C
                                                                                                                                                                                                                                                                                               300.00
                                                                                                                                                                                                                                                                                                                                                         3000.00 1000.00
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       0.19672320E+02 0.27687470E-01-0.79897730E-05 0.11365280E-08-0.64848860E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
       0.60075160E + 04 - 0.73268260E + 02 - 0.35493880E + 01 0.93466240E - 01 - 0.78503050E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
       0.36474530E-07-0.74456470E-11 0.12485930E+05 0.46685370E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                            7h 12o
                                                                                                                                                                                                                                   00
p2c4h513
                                                                                                                                                   C
                                                                                                                                                                                                                                                               0G
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                                                                                                                                                                                                                                                                                                                                                              3000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      2
 -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ 0.81644630E - 01 - 0.53366480E - 04 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 0.66349990E + 0.66349990E + 0.663490E + 0.66440E + 0.6644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.11908060E-07 0.93417400E-12 0.14750950E+04 0.37193940E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 P2c4h4134
                                                                                                                                                   С
                                                                                                                                                                            7h 11o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
        \texttt{0.18452930E+02} \ \ \texttt{0.24773082E-01-0.71930749E-05} \ \ \texttt{0.10243644E-08-0.58311944E-13} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
       3
      0.28468435E - 07 - 0.51140979E - 11 \quad 0.16997111E + 05 \quad 0.35388664E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                           7h 16o
 c7h15qA
                                                         Thergas
                                                                                                                                                  С
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                                                                                                                                                                                                                                                                         G 0300.00
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       0.22259567E+02 0.39039500E-01-0.12527654E-04 0.19213278E-08-0.11536549E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
      0.11186543E-07 0.85612843E-12-0.36559984E+05 0.32852917E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
c7h15qB
                                                             Therqas
                                                                                                                                                  С
                                                                                                                                                                           7h 16o
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                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
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      0.45540085E + 02 \quad 0.56950124E - 02 - 0.56391104E - 06 \quad 0.30786974E - 10 - 0.67499420E - 15 \\ 0.56950124E - 02 - 0.56391104E - 06 \quad 0.30786974E - 10 - 0.67499420E - 15 \\ 0.56950124E - 0.56950124E - 0.56391104E - 0.67499420E - 10 \\ 0.56950124E - 0.56950124E - 0.56391104E - 0.67499420E - 10 \\ 0.56950124E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
      0.27794507E-08 0.59041736E-12-0.39365277E+05 0.24247658E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
c7h15qC
                                                             Thergas
                                                                                                                                                   C
                                                                                                                                                                           7h 16o
                                                                                                                                                                                                                                          2.
                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                          5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.45540085E + 02 \quad 0.56950124E - 02 - 0.56391104E - 06 \quad 0.30786974E - 10 - 0.67499420E - 15 \\ 0.56950124E - 02 - 0.56391104E - 06 \quad 0.30786974E - 10 - 0.67499420E - 15 \\ 0.56950124E - 0.56950124E - 0.56391104E - 0.67499420E - 10 \\ 0.56950124E - 0.56950124E - 0.56391104E - 0.67499420E - 10 \\ 0.56950124E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
      0.27794507E-08 0.59041736E-12-0.39093539E+05 0.24247658E+02
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                                                                                                                                                                           7h 16o
                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
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c7h15aD
                                                            Thergas
                                                                                                                                                   C
                                                                                                                                                                                                                                       2
      0.45540085E+02 0.56950124E-02-0.56391104E-06 0.30786974E-10-0.67499420E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.55110836E + 05 - 0.21376309E + 03 0.25284660E + 01 0.83489791E - 01 - 0.38689272E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.27794507E-08 0.59041736E-12-0.39093539E+05 0.23554575E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                           7h 15o
                                                                                                                                                                                                                                                                             G 0300.00
c7h15ojA
                                                                  Thergas
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                                                                                               C
                                                                                                                                                                                                                                   1
      0.20147518E + 02 \quad 0.35569735E - 01 - 0.10786423E - 04 \quad 0.15909123E - 08 - 0.93105482E - 13 \\ 0.20147518E + 02 \quad 0.35569735E - 01 - 0.10786423E - 04 \quad 0.15909123E - 08 - 0.93105482E - 13 \\ 0.20147518E + 0.2014
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.24435533E + 05 - 0.73650505E + 02 - 0.19387127E + 01 \\ 0.91656856E - 01 - 0.60571478E - 04 \\ 0.916686E - 01 - 0.6057148E - 0.0057148E - 0.0057148E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.19492074E-07-0.22175178E-11-0.17848250E+05 0.42285233E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                  c 7h 15o
                                                                                                                                                                                                                                                                           G 0300.00
 c7h15ojB
                                                                   Thergas
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                                                                                                                                                                                   1
      0.42201836E + 02 \quad 0.46893391E - 02 - 0.33688048E - 06 \quad 0.41088756E - 11 \quad 0.84469582E - 15 \quad 0.84869582E - 10 \quad 0.84869682E - 10 \quad 0.84869682E - 10 \quad 0.84669682E - 10 \quad 0.84869682E - 10 \quad 0.84869682E - 10 \quad 0.84869682E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
      0.10052279E-07-0.21107768E-11-0.19602391E+05 0.33452026E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                                             G 0300.00
 c7h15ojC
                                                                  Thergas
                                                                                                                                                c 7h 15o
                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
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      0.42201836E + 02 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 02 - 0.33688048E - 06 \ 0.41088756E - 11 \ 0.84469582E - 15 \ 0.46893391E - 0.208464 - 0.46893391E - 0.208464 - 0.46893391E - 0.208464 - 0.46893391E - 0.208464 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.4689384 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0.46894 - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -0.35092617E + 05 - 0.19993794E + 03 - 0.19026795E + 00 \\ 0.83179429E - 01 - 0.44940767E - 044940767E - 04494076E - 0449400000000000000000000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.10933971E-07-0.24239736E-11-0.19325100E+05 \ 0.33671124E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 c7h15ojD
                                                                                                                                                c 7h 15o
                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                   Thergas
      2
 3
      0.10933971E-07-0.24239736E-11-0.19325100E+05 0.32977711E+02
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## ! Base C8

## ! Base C8

```
nc8h18 Burcat
                                                                      P 4/85c 8.h 18.
                                                                                                                                                  Ω
                                                                                                                                                                     0.G
                                                                                                                                                                                              200.000 6000.000 1000.
    2.09430708E+01 4.41691018E-02-1.53261633E-05 2.30544803E-09-1.29765727E-13
-3.55755088E + 04 - 8.10637726E + 01 1.25245480E + 01 - 1.01018826E - 02 2.21992610E - 04
-2.84863722E-07 1.12410138E-10-2.98434398E+04-1.97109989E+01-2.51067110E+04
Ac8h17
                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                             8h 17o
                                                                                                                                                    Ω
                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                                         1
                                                                                              C
   0.17711723E+02 0.44938747E-01-0.14443744E-04 0.22178346E-08-0.13328675E-12
                                                                                                                                                                                                                                                                                                                         2.
-0.91992578E + 04 - 0.59223930E + 02 - 0.41161755E + 00 \\ 0.92210799E - 01 - 0.52641371E - 04 \\ -0.91992578E + 04 - 0.59223930E + 02 - 0.41161755E + 00 \\ -0.91992578E + 04 - 0.59223930E + 02 - 0.41161755E + 00 \\ -0.91992578E + 04 - 0.59223930E + 02 - 0.41161755E + 00 \\ -0.91992578E + 04 - 0.59223930E + 02 - 0.41161755E + 00 \\ -0.9192210799E - 01 - 0.52641371E - 0.41161755E + 00 \\ -0.9192210799E - 01 - 0.52641371E - 0.41161755E + 00 \\ -0.9192210799E - 01 - 0.52641371E - 0.41161755E + 00 \\ -0.9192210799E - 0.1016175E + 0.0116175E + 0.016175E + 0.016175
                                                                                                                                                                                                                                                                                                                         3
   0.85863769E-08 0.25689132E-11-0.41119761E+04 0.34996040E+02
                                                                                                                                                                                                                                                                                                                         4
Bc8h17
                                                                                                              8h 17o
                                                                                                                                                Ω
                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                         1
                                                                                              C
    0.15256751E+02 0.48388578E-01-0.15932041E-04 0.24870652E-08-0.15109519E-12
                                                                                                                                                                                                                                                                                                                         2
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-0.93191055E+04-0.45259941E+02\ 0.53211296E+00\ 0.86344220E-01-0.41959614E-04
 -0.41950546E-09 0.55876358E-11-0.53175322E+04 0.31046585E+02
                                                                                                                                                                                                                                                                8h 17o 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
Cc8h17
                                                                                                                                                                                                                                                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                          C
          0.15473525E + 02 \quad 0.47954667E - 01 - 0.15733860E - 04 \quad 0.24514557E - 08 - 0.14881331E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -0.93548457E + 04 - 0.46354050E + 02 - 0.66160369E + 00 \\ 0.94780222E - 01 - 0.61068029E - 04 \\ -0.93548457E + 04 - 0.46354050E + 02 - 0.66160369E + 00 \\ -0.93548457E + 04 - 0.46354050E + 02 - 0.66160369E + 00 \\ -0.94780222E - 01 - 0.61068029E - 04 \\ -0.9478022E - 01 - 0.61068029E - 04 \\ -0.947802E - 01 - 0.61068029E - 00 \\ -0.947802E - 0.0006802E -
         0.17316298\mathtt{E}-07-0.33548769\mathtt{E}-12-0.51999800\mathtt{E}+04 \ 0.36036736\mathtt{E}+02
                                                                                                                                                                                                                         c 8h 17o 0 G 0300.00 5000.00 1000.00
Dc8h17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
         0.15473525E + 02 \quad 0.47954667E - 01 - 0.15733860E - 04 \quad 0.24514557E - 08 - 0.14881331E - 12 - 0.14881331E - 0.1488131E - 0.1488131E - 0.1488131E - 0.1488131E - 0.148812E - 0.148812
 0.17316298E-07-0.33548769E-12-0.51999800E+04 0.36036736E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
 c8h16-1 Burcat n 4/87c 8h 16 0 0G
                                                                                                                                                                                                                                                                                                                                                                                                                                                        200.000 6000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
          2.43378771E+01 3.22574569E-02-1.03389736E-05 1.65359772E-09-1.00909018E-13
 -2.14383953E + 04 - 9.82405127E + 01 \quad 1.01483726E + 01 \quad 1.25438065E - 03 \quad 1.85245518E - 04 \quad 1.25438065E - 04 \quad 1.25488065E - 04 \quad 1.25488065E - 04 \quad 1.25488065E - 04 \quad 1.25488065E - 04 \quad 1.25488065
 4
                                                                                                                                                                                                                     c 8h 16 0 0G
 c8h16-2 Thergas
                                                                                                                                                                                                                                                                                                                                                                                                                                                        300.0 5000.0 1000.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
          0.20515318E+02 0.38395379E-01-0.12404871E-04 0.19124877E-08-0.11529312E-12
 -0.21493453E + 05 - 0.77945305E + 02 \quad 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 04 - 0.89102447E - 01 \quad 0.83211556E - 01 - 0.42554078E - 0.89102447E - 0.8910247E - 0.89102447E - 0.8910247E - 0.9
         0.64605836E-08 0.10791694E-11-0.14801507E+05 0.31597778E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
 c8h16-3 Thergas
                                                                                                                                                                                                                     c 8h 16
                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                         0G
                                                                                                                                                                                                                                                                                                                                                                                                                                                         300.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5000.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1000.0
          0.20515678E+02 0.38472977E-01-0.12439130E-04 0.19172688E-08-0.11548150E-12
  -0.21537992E+05-0.78117493E+02-0.12177379E+01 0.88285185E-01-0.48694645E-04
         0.93159036E-08 0.64524352E-12-0.14627312E+05 0.37670788E+02
 c8h16-4 Thergas
                                                                                                                                                                                                                      c 8h 16
                                                                                                                                                                                                                                                                                                                                             Ω
                                                                                                                                                                                                                                                                                                                                                                                          0G
                                                                                                                                                                                                                                                                                                                                                                                                                                                         300.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     5000.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1000.0
         0.20515678E + 02 \quad 0.38472977E - 01 - 0.12439130E - 04 \quad 0.19172688E - 08 - 0.11548150E - 12 \\ 0.20515678E + 02 \quad 0.38472977E - 01 - 0.12439130E - 04 \quad 0.19172688E - 08 - 0.11548150E - 12 \\ 0.20515678E + 0.2051678E + 0.20516
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 -0.21537992E + 05 - 0.78810570E + 02 - 0.12177379E + 01 \quad 0.88285185E - 01 - 0.48694645E - 04 - 0.21537992E + 05 - 0.2153792E + 00 - 0.2153792E + 0.215792E + 0.21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
         0.93159036E-08 0.64524352E-12-0.14627312E+05 0.36977707E+02
                                                                                                                                                                                                                          c 8h 14o 0
                                                                                                                                                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
         0.12603670E+02 0.26696790E-01-0.88122661E-05 0.13779865E-08-0.83808537E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 -0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.44081770E - 0.4408170E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
 -0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                                                                                                                                                                                                                                                                                                                                                         0G 300.0
Cc8h15-1 Thergas
                                                                                                                                                                                                                   c 8h 15
                                                                                                                                                                                                                                                                                                                                     Ω
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1000.0
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         2.
 -0.44474629E + 04 - 0.83853943E + 02 - 0.34678480E + 00 \\ 0.84996723E - 01 - 0.50083854E - 04 \\ -0.44474629E + 04 - 0.83853943E + 02 - 0.34678480E + 00 \\ -0.84996723E - 01 - 0.50083854E - 04 \\ -0.84996723E - 01 - 0.50083854E - 00 \\ -0.84996723E - 01 - 0.50083854E - 00 \\ -0.84996723E - 01 - 0.50083854E - 00 \\ -0.84996723E - 0.00083854E - 0.00085454E - 0.0008544E - 0.0008544E - 0.000854E - 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
         0.12880106E-07-0.81115946E-12 0.25456824E+04 0.33619202E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                                                                                                                                                                                                                                                                                                                                                    0G 300.0
Dc8h15-2 Thergas
                                                                                                                                                                                                                    c 8h 15
                                                                                                                                                                                                                                                                                                                                        Ω
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
         0.21389673E + 02 \quad 0.33655670E - 01 - 0.99631316E - 05 \quad 0.14432119E - 08 - 0.83364671E - 13 \\ 0.21389673E + 02 \quad 0.33655670E - 01 - 0.99631316E - 05 \quad 0.14432119E - 08 - 0.83364671E - 13 \\ 0.21389673E + 02 \quad 0.33655670E - 01 - 0.99631316E - 05 \quad 0.14432119E - 08 - 0.83364671E - 13 \\ 0.21389673E + 02 \quad 0.33655670E - 01 - 0.99631316E - 05 \quad 0.14432119E - 08 - 0.83364671E - 13 \\ 0.21389673E + 0.21389674E + 0.21889674E + 0.21389674E + 0.21389674E + 0.21389674E + 0.21889674E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 -0.62572715E + 04 - 0.82560768E + 02 \quad 0.50654387E + 00 \quad 0.81751719E - 01 - 0.49447310E - 04 - 0.82560768E + 02 \quad 0.50654387E + 00 \quad 0.81751719E - 01 - 0.49447310E - 0.82560768E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
         0.16511329E-07-0.28800835E-11 0.53154126E+03 0.29017292E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
 Ec8h15-3 Thergas
                                                                                                                                                                                                                    c 8h 15
                                                                                                                                                                                                                                                                                                                                      0
                                                                                                                                                                                                                                                                                                                                                                                          0G 300.0
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         0.21422712E + 02 \quad 0.33669908E - 01 - 0.99574481E - 05 \quad 0.14384294E - 08 - 0.82773422E - 13 \\ 0.21422712E + 02 \quad 0.33669908E - 01 - 0.99574481E - 05 \quad 0.14384294E - 08 - 0.82773422E - 13 \\ 0.21422712E + 02 \quad 0.33669908E - 01 - 0.99574481E - 05 \quad 0.14384294E - 08 - 0.82773422E - 13 \\ 0.21422712E + 02 \quad 0.33669908E - 01 - 0.99574481E - 05 \quad 0.14384294E - 08 - 0.82773422E - 13 \\ 0.21422712E + 0.21422712E + 0.21422E - 0.21422E
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 -0.63137578E + 04 - 0.82942078E + 02 - 0.60666478E + 00 \\ 0.85509211E - 01 - 0.52461917E - 04 \\ -0.63137578E + 05 \\ -0.631378E + 05 \\ -0.631788E + 05 \\ -0.631378E + 05 \\ -0.63178E + 05 \\ -0.63178E + 05 \\ -0.631788E + 05 \\ -0.631788E + 05 \\ -0.631788E + 05 \\ -0
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         0.16270750E-07-0.22249440E-11 0.68447821E+03 0.34235840E+02
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          2.39354727E+01 3.32240658E-02-1.12927334E-05 1.74603459E-09-1.01016541E-13
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          2.61693443E+03-9.47424234E+01-1.12171647E+00 9.00446710E-02-6.02418170E-05
          2.08658979E-08-2.96705457E-12 1.15050583E+04 4.04630702E+01
 c8h16rohAB Thergas
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          0.23564270E + 02 \quad 0.38258202E - 01 - 0.11292649E - 04 \quad 0.16316158E - 08 - 0.94040125E - 13 \\ 0.23564270E + 02 \quad 0.38258202E - 01 - 0.11292649E - 04 \quad 0.16316158E - 08 - 0.94040125E - 13 \\ 0.23564270E + 02 \quad 0.38258202E - 01 - 0.11292649E - 04 \quad 0.16316158E - 08 - 0.94040125E - 13 \\ 0.23564270E + 02 \quad 0.38258202E - 01 - 0.11292649E - 04 \quad 0.16316158E - 08 - 0.94040125E - 13 \\ 0.23564270E + 0.235649E - 0.256649E - 0.2356
 0.45735071E-07-0.10580545E-10-0.23351672E+05 0.44247601E+02
 c8h16rohBC Thergas
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         0.45719635E+02 0.71898475E-02-0.76359288E-06 0.49221138E-10-0.16093956E-14
 -0.42565676E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \quad 0.10200226E + 00 - 0.76855184E - 04 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.068666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.068666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.0686666 + 0.068666 + 0.0
         0.38304520E-07-0.11174440E-10-0.26148734E+05 0.35952484E+02
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         0.45719635E + 02 \ 0.71898475E - 02 - 0.76359288E - 06 \ 0.49221138E - 10 - 0.16093956E - 14 - 0.16093956E - 10.16093956E - 10.160956E - 10.16096E - 10.1
 -0.42293934E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \\ 0.10200226E + 00 - 0.76855184E - 04 \\ -0.42293934E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \\ -0.42293934E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \\ -0.42293934E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \\ -0.42293934E + 05 - 0.21361836E + 03 - 0.68904638E - 01 \\ -0.42293934E + 05 - 0.68904638E - 01 \\ -0.42293934E + 05 - 0.68904638E - 01 \\ -0.42293934E + 0.08904638E - 01 \\ -0.42293934E + 0.08904638E - 01 \\ -0.42293934E + 0.08904638E - 0.08904644E - 0.0890464E - 
         0.38304520E-07-0.11174440E-10-0.25876994E+05 0.35952484E+02
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         0.45719635E + 02 \ 0.71898475E - 02 - 0.76359288E - 06 \ 0.49221138E - 10 - 0.16093956E - 14 - 0.16093956E - 10.16093956E - 10.160956E - 10.16096E - 10.16096
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0.38304520E-07-0.11174440E-10-0.25876994E+05 0.35952484E+02
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      0.49543304E + 02 \quad 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 02 - 0.10593947E - 05 \quad 0.71530545E - 10 - 0.21836071E - 14 \\ 0.88642351E - 0.0056071E - 10 - 0.0056071E 
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-0.59546418E + 05 - 0.22931769E + 03 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 04 \quad 0.17118201E + 01 \quad 0.10258979E + 00 - 0.58342259E - 0.0 \quad 0.17118201E + 0.0 \quad 0.0 \quad 0.07118201E + 0.0 \quad 0.07118201E + 0.0 \quad 0.07118201E + 
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      0.12926417E-07-0.14700809E-11-0.42403562E+05 0.32088375E+02
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      0.13134670E+02 0.64088285E-01-0.22936552E-04 0.37962580E-08-0.24009348E-12
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      0.26544198E - 07 - 0.55591756E - 12 - 0.44639367E + 05 \quad 0.43985474E + 02
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c8h16qjohCD
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      0.13134670E+02 0.64088285E-01-0.22936552E-04 0.37962580E-08-0.24009348E-12
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-0.46393777E + 05 - 0.23435829E + 02 - 0.12066903E + 01 \\ 0.12050679E + 00 - 0.87490123E - 04 \\ -0.46393777E + 05 - 0.23435829E + 02 - 0.12066903E + 01 \\ -0.46393777E + 05 - 0.23435829E + 02 - 0.12066903E + 01 \\ -0.46393777E + 05 - 0.23435829E + 02 - 0.12066903E + 01 \\ -0.46393777E + 05 - 0.23435829E + 02 - 0.12066903E + 01 \\ -0.46393777E + 00 - 0.87490123E - 04 \\ -0.46393777E + 00 - 0.87490123E - 04 \\ -0.46393777E + 00 - 0.87490123E - 04 \\ -0.4639377E + 00 - 0.87490123E - 04 \\ -0.463937E + 0.000125E + 0
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      0.26544198E-07-0.55591756E-12-0.44367629E+05 0.43985374E+02
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      0.13134670E+02 0.64088285E-01-0.22936552E-04 0.37962580E-08-0.24009348E-12
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3
      0.26544198E - 07 - 0.55591756E - 12 - 0.44367629E + 05 \quad 0.43985512E + 02 \quad 0.43985512E + 0.00085512E + 0.00085762E + 0.0
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      0.23837385E+02 0.42712577E-01-0.13211903E-04 0.19715394E-08-0.11604503E-12
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3
      0.10543411E-08 0.62379199E-11-0.21585980E+05 0.35981842E+02
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c8h17qjB
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      0.23965502E+02 0.42749967E-01-0.13245375E-04 0.19773809E-08-0.11634217E-12
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-0.30904680E + 05 - 0.88942596E + 02 0.46039734E + 01 0.71811020E - 01 0.16481061E - 04
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-0.67313458E-07 0.29836730E-10-0.24650395E+05 0.16486511E+02
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      0.23915356E+02 0.42840220E-01-0.13298933E-04 0.19901578E-08-0.11739886E-12
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-0.30612957E + 05 - 0.88664673E + 02 0.45415640E + 01 0.72257660E - 01 0.15376816E - 04
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-0.66184285E-07 0.29429216E-10-0.24372180E+05 0.16747589E+02
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      0.23915356E + 02 \quad 0.42840220E - 01 - 0.13298933E - 04 \quad 0.19901578E - 08 - 0.11739886E - 12 \\ 0.19901578E - 0.11739886E - 0.11739886E - 12 \\ 0.19901578E - 0.11739886E - 0.117398886E - 0.11739886E - 0.117398886E - 0.11739886E - 0.117398886E - 0.117398886E - 0.117398886E - 0.117398886E - 0.117398886E - 0.11738886E - 0.117398886E - 0.1173
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-0.30612930E + 05 - 0.88664986E + 02 \quad 0.45264950E + 01 \quad 0.72360016E - 01 \quad 0.15135624E - 04 \quad 0.0612930E + 0.0612920E + 0.061200E + 0.06120
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-0.65947525E-07 0.29346619E-10-0.24370535E+05 0.16811335E+02
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      0.24398270E + 02 \quad 0.40827934E - 01 - 0.12289628E - 04 \quad 0.17986254E - 08 - 0.10446638E - 12 - 0.10446638E - 0.1044668E - 0.104668E - 0.104668E
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-0.24460887E + 05 - 0.86766251E + 02 \quad 0.49460086E + 00 \quad 0.10770760E + 00 - 0.78272606E - 04 \\ -0.24460887E + 05 - 0.86766251E + 02 \quad 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \quad 0.10770760E + 00 \\ -0.78272606E - 0.49460086E + 00 \\ -0.78272606E - 0.00086E + 00 \\ -0.78272606E - 0.00086E + 00 \\ -0.78272606E - 0.0008
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      0.27413611E-07-0.26853060E-11-0.17890303E+05 0.36573154E+02
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      0.24392391E + 02 \quad 0.40867936E - 01 - 0.12321221E - 04 \quad 0.18071090E - 08 - 0.10521295E - 12 \\ 0.18071090E - 0.105
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      0.29477656E-07-0.33727461E-11-0.16015442E+05 \ 0.37161160E+02
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c8h16rCqA
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-0.22592340E + 05 - 0.86727013E + 02 \quad 0.35334688E + 00 \quad 0.10872400E + 00 - 0.80511272E - 04 + 0.80511272E - 0.8051122E - 0
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      0.29477656E-07-0.33727461E-11-0.16015442E+05 0.37161160E+02
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      0.29477656E-07-0.33727461E-11-0.16015442E+05 0.37161160E+02
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      0.26962516E - 07 - 0.24711344E - 11 - 0.16030409E + 05 0.36559269E + 02
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-0.22606721E+05-0.86935432E+02 0.49619520E+00 0.10771184E+00-0.78031917E-04
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      0.26962516 \\ E-07-0.24711344 \\ E-11-0.16030409 \\ E+05 \quad 0.36559269 \\ E+02
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      0.24173840E+02 0.41293643E-01-0.12508925E-04 0.18402215E-08-0.10732685E-12
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      0.13062810E-07 0.20879867E-11-0.16123945E+05 0.32524899E+02
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 -0.24388863E + 05 - 0.89526779E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.7698855E - 01 - 0.96092481E - 0.9609
 -0.50098866E-07 0.24186082E-10-0.18351637E+05 0.16282846E+02
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        0.23968153E + 02 \quad 0.41341439E - 01 - 0.12493553E - 04 \quad 0.18337386E - 08 - 0.10671992E - 128493564 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 018337386 - 01833738 - 018337386 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 01833738 - 0183378 - 0183378 - 0183378 - 0183378 - 0183378 - 0183378 - 0183378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 018378 - 01
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 -0.27656668E + 05 - 0.85023422E + 02 \quad 0.53970332E + 01 \quad 0.76440632E - 01 - 0.58514347E - 05 \quad 0.76440632E - 01 - 0.58514347E - 0.585147E - 0.585
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 -0.42526903E-07 \quad 0.21204529E-10-0.22021275E+05 \quad 0.14300138E+02
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          0.24464071E + 02 \quad 0.41002266E - 01 - 0.12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 0.10657201E - 0.1067201E - 0.1067201E - 0.1067201E - 0.1067201E - 
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 -0.24977697E + 05 - 0.87431915E + 02 \quad 0.46011391E + 01 \quad 0.81132486E - 01 - 0.13564429E - 04 \quad 0.81132486E - 01 - 0.81132486E - 01 - 0.13564429E - 04 \quad 0.81132486E - 0.106646E - 0.10666E - 
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 -0.36737184E-07 0.19455798E-10-0.19066752E+05 0.18187159E+02
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        0.24222986E + 02 \quad 0.41472945E - 01 - 0.12626470E - 04 \quad 0.18662298E - 08 - 0.10930362E - 12 - 0.10930362E - 0.1093062E - 0.1093062
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 -0.24930779E+05-0.86198288E+02 0.56694427E+01 0.73551387E-01 0.35266005E-05
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 -0.52492691E-07 0.24688638E-10-0.19170672E+05 0.13730223E+02
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 -0.24036600E + 05 - 0.89526772E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.7698855E - 00 - 0.96092481E - 0.9609
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 -0.50098866 \mathtt{E} - 07 \ 0.24186082 \mathtt{E} - 10 - 0.17999373 \mathtt{E} + 05 \ 0.16282854 \mathtt{E} + 02
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        0.24788403E + 02 \quad 0.41036546E - 01 - 0.12492123E - 04 \quad 0.18470608E - 08 - 0.10825206E - 12 - 0.10825206E - 0.108252
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 -0.23764859E + 05 - 0.89526772E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.7698855E - 00 - 0.96092481E - 0.9609
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        0.24222986E + 02 \quad 0.41472945E - 01 - 0.12626470E - 04 \quad 0.18662298E - 08 - 0.10930362E - 12 - 0.10930362E - 0.1093062E - 0.1093062
 -0.24659039E+05-0.86198288E+02 0.56694427E+01 0.73551387E-01 0.35266005E-05
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        -0.27410355E + 05 - 0.85948105E + 02 \quad 0.43489866E + 01 \quad 0.83871476E - 01 - 0.22556487E - 04 - 0.83871476E - 01 - 0.83871476E - 0.8
 -0.27180803E-07 0.16124430E-10-0.21647650E+05 0.18672619E+02
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 -0.24705957E+05-0.87431915E+02 0.46011391E+01 0.81132486E-01-0.13564429E-04
 -0.36737184E-07 0.19455798E-10-0.18795012E+05 0.18187159E+02
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0.24222986E+02 0.41472945E-01-0.12626470E-04 0.18662298E-08-0.10930362E-12
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-0.24659039E+05-0.86198288E+02 0.56694427E+01 0.73551387E-01 0.35266005E-05
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-0.52492691E-07 0.24688638E-10-0.18898932E+05 0.13730223E+02
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         0..24788403E + 02 \quad 0..41036546E - 01 - 0..12492123E - 04 \quad 0..18470608E - 08 - 0..10825206E - 12 \quad 0..41036546E - 01 - 0..12492123E - 04 \quad 0..41036546E - 01 - 0..4103666E - 01 - 0..410366E - 01 - 0..41036E - 01 - 0..41036E - 01 - 0..41066E - 0..4106
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-0.23764859E + 05 - 0.89526772E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.7698855E - 01 - 0.96092481E - 0.9609
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-0.50098866E-07 0.24186082E-10-0.17727633E+05 0.16282854E+02
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         0..24788403E + 02 \quad 0..41036546E - 01 - 0..12492123E - 04 \quad 0..18470608E - 08 - 0..10825206E - 12 \quad 0..41036546E - 01 - 0..12492123E - 04 \quad 0..41036546E - 01 - 0..4103666E - 01 - 0..410366E - 01 - 0..41036E - 01 - 0..41036E - 01 - 0..41066E - 0..4106
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-0.23764859E + 05 - 0.89526772E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.7698855E - 00 - 0.96092481E - 0.9609
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-0.50098866E-07 0.24186082E-10-0.17727633E+05 0.16282854E+02
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         0..24222986E + 02 \quad 0..41472945E - 01 - 0..12626470E - 04 \quad 0..18662298E - 08 - 0..10930362E - 12 \quad 0..1093062E - 12 \quad 0..10930362E - 12 \quad 0..10930362E - 12 \quad 0..10930362E - 12 \quad 0..1093062E - 12 \quad 0..10962E - 12 \quad 0..10962E - 12 \quad 0..10962E - 12 \quad 0..10962E - 12 \quad 0..
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 -0.52492691E-07 0.24688638E-10-0.18898932E+05 0.13730223E+02
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         0.24464071E+02 0.41002266E-01-0.12409941E-04 0.18258952E-08-0.10657201E-12
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-0.24706096E + 05 - 0.87432289E + 02 \quad 0.46857142E + 01 \quad 0.80536321E - 01 - 0.12110846E - 04 \quad 0.80536321E - 0.12110846E - 
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-0.38206636E-07 0.19981369E-10-0.18803922E+05 0.17830359E+02
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         0.24153397E+02 0.40974159E-01-0.12339886E-04 0.18086352E-08-0.10526233E-12
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-0.27410355E + 05 - 0.85948105E + 02 \quad 0.43489866E + 01 \quad 0.83871476E - 01 - 0.22556487E - 04 - 0.22556487E - 0.22566487E - 0.225667E - 0
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-0.27180803E-07 0.16124430E-10-0.21647650E+05 0.18672619E+02
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         0.24464071E+02 0.41002266E-01-0.12409941E-04 0.18258952E-08-0.10657201E-12
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        0.24464071E + 02 \quad 0.41002266E - 01 - 0.12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 04 \quad 0.18258952E - 08 - 0.10657201E - 12409941E - 0.10657201E - 0.1067201E - 0.1067201E - 0.1067201E - 0.1067201E - 
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        0.24222986E + 02 \quad 0.41472945E - 01 - 0.12626470E - 04 \quad 0.18662298E - 08 - 0.10930362E - 12 - 0.10930362E - 0.1093062E - 0.109
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-0.24659039E+05-0.86198288E+02 0.56694427E+01 0.73551387E-01 0.35266005E-05
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-0.52492691E-07 0.24688638E-10-0.18898932E+05 0.13730223E+02
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        0.24788403E + 02 \quad 0.41036546E - 01 - 0.12492123E - 04 \quad 0.18470608E - 08 - 0.10825206E - 12 - 0.10825206E - 0.1082520
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-0.23764859E + 05 - 0.89526772E + 02 \quad 0.50590549E + 01 \quad 0.76988555E - 01 - 0.96092481E - 06 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 01 - 0.96092481E - 00 \quad 0.76988555E - 00 - 0.96092481E - 0.960
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-0.50098866E-07 0.24186082E-10-0.17727633E+05 0.16282854E+02
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        0.28969364E + 02 \quad 0.40812921E - 01 - 0.12041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 04 \quad 0.17356532E - 08 - 0.99683472E - 1304212041199E - 00 \quad 0.17356532E - 0.00682E - 0.00
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-0.44212496E + 05 - 0.10938862E + 03 \quad 0.34115384E + 01 \quad 0.91203809E - 01 - 0.82296237E - 05 \quad 0.91203809E - 01 - 0.82296237E - 0.91203809E - 0.9120809E - 0.912080000000
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-0.54366573E-07 0.27449812E-10-0.36604980E+05 0.26675274E+02
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         0.28908907E+02 0.42040508E-01-0.12712560E-04 0.18699571E-08-0.10916676E-12
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-0.42264828E + 05 - 0.10748518E + 03 \ 0.66762586E + 01 \ 0.79650238E - 01 \ 0.99823546E - 05
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-0.67192715E-07 0.30972731E-10-0.35352727E+05 0.12385740E+02
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        0.28908907E + 02 \quad 0.42040508E - 01 - 0.12712560E - 04 \quad 0.18699571E - 08 - 0.10916676E - 12 - 0.10916676E - 0.1091676E - 0.10916676E - 0
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-0.42264828E + 05 - 0.10748532E + 03 0.66762586E + 01 0.79650238E - 01 0.99823546E - 05
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-0.67192715E-07 0.30972731E-10-0.35352727E+05 0.12385594E+02
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-0.42264828 \pm +05 -0.10679222 \pm +03 \quad 0.66762586 \pm +01 \quad 0.79650238 \pm -01 \quad 0.99823546 \pm -05 \quad 0.99823546 \pm -0.99823546 \pm -0.9982464 \pm -0.998246 \pm -0.9982
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-0.67192715E-07 0.30972731E-10-0.35352727E+05 0.13078692E+02
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        0.28984390E + 02 \quad 0.41904449E - 01 - 0.12631688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 04 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 08 \quad 0.18506419E - 08 - 0.10756721E - 12861688E - 08 \quad 0.18506419E - 08 - 0.18506419E 
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-0.42294289E+05-0.10721059E+03 0.64258146E+01 0.81388950E-01 0.58026653E-05
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-0.63018476E-07 0.29494875E-10-0.35325953E+05 0.14139282E+02
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          \texttt{0.28984390E+02} \ \ \texttt{0.41904449E-01-0.12631688E-04} \ \ \texttt{0.18506419E-08-0.10756721E-12} 
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-0.42294125E+05-0.10720964E+03 0.63360910E+01 0.82006074E-01 0.43328378E-05
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 -0.61562943E-07 0.28983397E-10-0.35316277E+05 0.14520504E+02
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         0.28920816E + 02 0.42018887E - 01 - 0.12699694E - 04 0.18668969E - 08 - 0.10891479E - 12
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 -0.42540738E + 05 - 0.10685497E + 03 \quad 0.63965335E + 01 \quad 0.81592016E - 01 \quad 0.53154367E - 05 \quad 0.81592016E - 01 \quad 0.81592016E - 0.815
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 -0.62532720E - 07 \quad 0.29323103E - 10 - 0.35594562E + 05 \quad 0.14265111E + 02
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         0.28824947E+02 0.41923393E-01-0.12631052E-04 0.18523704E-08-0.10787587E-12
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        0.18916917E-08 0.71228873E-11-0.32555262E+05 0.32071541E+02
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         0.28908907E+02 0.42040508E-01-0.12712560E-04 0.18699571E-08-0.10916676E-12
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 -0.42264828E + 05 - 0.10748506E + 03 \quad 0.66762586E + 01 \quad 0.79650238E - 01 \quad 0.99823546E - 05 \quad 0.99823546E - 0.998256E - 0.99826E - 0
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 -0.67192715E-07 0.30972731E-10-0.35352727E+05 0.12385856E+02
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 c8h16qjBqB
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         0.26558331E+02 0.46082657E-01-0.14487518E-04 0.21872659E-08-0.12979231E-12
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 -0.45525348E + 05 - 0.98423920E + 02 \quad 0.40645599E + 01 \quad 0.85849129E - 01 \quad 0.77742488E - 05 \quad 0.85849129E - 01 \quad 0.85849129E - 0.858491
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 -0.71444994E-07 0.34062871E-10-0.38765871E+05 0.22056112E+02
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         0.30408714E+02 0.40409509E-01-0.12091734E-04 0.17658035E-08-0.10260395E-12
 -0.45448687E + 05 - 0.11663023E + 03 \quad 0.96023299E - 01 \quad 0.12532197E + 00 - 0.92970855E - 04 \quad 0.96023299E - 01 \quad 0.12532197E + 00 - 0.92970855E - 04 \quad 0.96023299E - 01 \quad 0.96023299E - 0.96029E 
        0.28569907E-07-0.64397766E-12-0.37225270E+05 0.39490166E+02
c8h16qjDqB
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 -0.45448687E + 05 - 0.11663022E + 03 \quad 0.96023299E - 01 \quad 0.12532197E + 00 - 0.92970855E - 04 \quad 0.06023299E - 01 \quad 0.0602329E - 0.06029E 
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        0.28569907E-07-0.64397766E-12-0.37225270E+05 0.39490189E+02
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        0.30408714E + 02 \quad 0.40409509E - 01 - 0.12091734E - 04 \quad 0.17658035E - 08 - 0.10260395E - 12 \\ 0.30408714E + 0.10260395E - 01 - 0.10260395E - 0.102605E - 0.1
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 -0.45448687E + 05 - 0.11663002E + 03 \quad 0.96023299E - 01 \quad 0.12532197E + 00 - 0.92970855E - 04 \quad 0.96023299E - 01 \quad 0.9602269E - 0.960269E - 0.960269E
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        0.28569907E-07-0.64397766E-12-0.37225270E+05 0.39490387E+02
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        0.28333153E-07-0.56137836E-12-0.37226914E+05 0.39426769E+02
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        0.29553581\mathtt{E}-07-0.99083545\mathtt{E}-12-0.37490613\mathtt{E}+05 \ 0.39745106\mathtt{E}+02
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        0.29004236E + 02 \quad 0.41869614E - 01 - 0.12611668E - 04 \quad 0.18460197E - 08 - 0.10719631E - 12 - 0.10719631E - 0.10719651E - 0.1
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 -0.42574379E+05-0.10732315E+03 \quad 0.66225219E+01 \quad 0.80015264E-01 \quad 0.91233396E-05 \quad 0.91233396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.91233396E-01 \quad 0.9123396E-01 \quad 0.912366E-01 \quad 0.912366E-01 \quad 0.912366E-01 \quad 0.912366E-01 \quad 0.912366E-01 \quad 0.912366E-01 \quad 0.912666E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9123396E-01 \quad 0.9126666E-01 \quad 0.9126666E-01 \quad 0.9126666E-01 \quad 0.9126666E-01 \quad 0.9126666E-01 \quad 0.91266666E-01 \quad 0.9126666E-01 \quad 0.91266666E-01 \quad 0.91266666E-01 \quad 0.91266666E-01 \quad 0.91266666E-01 \quad 0
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 -0.66350523E-07 0.30679011E-10-0.35618602E+05 0.13306735E+02
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         0.29004236E + 02 \quad 0.41869614E - 01 - 0.12611668E - 04 \quad 0.18460197E - 08 - 0.10719631E - 12 - 0.10719631E - 0.10719651E - 0.1
 -0.42302641E + 05 - 0.10801567E + 03 \quad 0.66225219E + 01 \quad 0.80015264E - 01 \quad 0.91233396E - 05 \quad 0.91233396E - 0.91236E - 0.91236E - 0.91236E - 0.91236E - 0.91256E - 0.91256E - 0.91256E - 0.91236E - 0.91256E - 0.
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 -0.66350523E-07 0.30679011E-10-0.35346859E+05 0.12614204E+02
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        0.30408714E + 02 \quad 0.40409509E - 01 - 0.12091734E - 04 \quad 0.17658035E - 08 - 0.10260395E - 12
 0.29553581E-07-0.99083545E-12-0.37218875E+05 0.39745106E+02
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 -0.45525348E+05-0.98424225E+02 0.40645599E+01 0.85849129E-01 0.77742488E-05
 -0.71444994E-07 0.34062871E-10-0.38765871E+05 0.22055805E+02
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        0.28569907E-07-0.64397766E-12-0.36953527E+05 0.39490189E+02
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 -0.45176945E+05-0.11593694E+03 \quad 0.96023299E-01 \quad 0.12532197E+00-0.92970855E-04
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0.28569907E-07-0.64397766E-12-0.36953527E+05 0.40183472E+02
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    0.28333153E-07-0.56137836E-12-0.36955176E+05 0.40119854E+02
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    0.29553581E-07-0.99083545E-12-0.37218875E+05 0.40438179E+02
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-0.42302641E + 05 - 0.10801617E + 03 \quad 0.66225219E + 01 \quad 0.80015264E - 01 \quad 0.91233396E - 05 \quad 0.91233396E - 0.91236E - 0.91236E - 0.91256E - 0.
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-0.42302641E + 05 - 0.10801590E + 03 \quad 0.66225219E + 01 \quad 0.80015264E - 01 \quad 0.91233396E - 05 \quad 0.91233396E - 0.91236E - 0.91236E - 0.91256E - 0.
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    0.29553581E-07-0.99083545E-12-0.37218875E+05 0.39745106E+02
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-0.45176973E+05-0.11662958E+03 0.11109174E+00 0.12521961E+00-0.92729671E-04
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    0.28333153E-07-0.56137836E-12-0.36955176E+05 0.39426769E+02
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-0.45525348E+05-0.98424347E+02 0.40645599E+01 0.85849129E-01 0.77742488E-05
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-0.45176945E + 05 - 0.11593692E + 03 \quad 0.96023299E - 01 \quad 0.12532197E + 00 - 0.92970855E - 04 \quad 0.96023299E - 01 \quad 0.96023299E - 0.96029E - 0.96029E
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    0.28569907 \\ E-07-0.64397766 \\ E-12-0.36953527 \\ E+05 \quad 0.40183479 \\ E+02
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-0.45448578E + 05 - 0.11593480E + 03 \quad 0.36334388E - 01 \quad 0.12573509E + 00 - 0.93959970E - 04 \quad 0.12573509E + 00 - 0.93959970E - 0.00000E + 0.00000E + 0.00000E + 0.0000E + 0.
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    0.29553581E - 07 - 0.99083545E - 12 - 0.37218875E + 05 \quad 0.40438179E + 02
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-0.42302641E + 05 - 0.10801607E + 03 \quad 0.66225219E + 01 \quad 0.80015264E - 01 \quad 0.91233396E - 05 \quad 0.91233396E - 0.91236E - 0.91236E - 0.91236E - 0.91256E - 0.91256E - 0.91256E - 0.91256E - 0.91236E - 0.91256E - 0.
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    0.11291738E-08-0.16217606E-12-0.27505689E+05 0.29605301E+02
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-0.37669566E + 05 - 0.97200981E + 02 - 0.18688216E + 01 \quad 0.10060990E + 00 - 0.60021510E - 04 \\ -0.37669566E + 0.00021510E - 0.000210E - 0.00021510E - 0.0
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    0.12151985E-07 0.97320578E-12-0.29792369E+05 0.38963161E+02
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    0.23893927E+02 0.38813151E-01-0.12690612E-04 0.19691966E-08-0.11902572E-12
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-0.37397828E+05-0.97200981E+02-0.18688216E+01 0.10060990E+00-0.60021510E-04
                                                                                                                                                                                                                                                                                                                                                                                                 3
    0.12151985E-07 0.97320578E-12-0.29520629E+05 0.38963161E+02
                                                                                                                                                                                                                                                                                                                                                                                                 4
c8h16o-DE
                                                              Thergas
                                                                                                                   C
                                                                                                                                       8h 160
                                                                                                                                                                                       1
                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                 1
    0.23893927E+02 0.38813151E-01-0.12690612E-04 0.19691966E-08-0.11902572E-12
                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.37397828E + 05 - 0.98587151E + 02 - 0.18688216E + 01 \quad 0.10060990E + 00 - 0.60021510E - 04 \\ -0.37397828E + 05 - 0.98587151E + 02 - 0.18688216E + 01 \quad 0.10060990E + 00 - 0.60021510E - 04 \\ -0.37397828E + 05 - 0.98587151E + 02 - 0.18688216E + 01 \quad 0.10060990E + 00 - 0.60021510E - 04 \\ -0.37397828E + 0.00060990E + 0.0006090E + 0.00060990E + 0.0006090E + 0.00060000E + 0.0006090E + 0.0006090E + 0.0006090E + 0.0006090E + 0.0006000E + 0.0006000E + 0.0006000E + 0.000600E + 0.000600E + 0.0006000E + 0.000600E + 0.0006000E + 0.0006000E + 0.000600E + 
                                                                                                                                                                                                                                                                                                                                                                                                 3
    0.12151985E-07 0.97320578E-12-0.29520629E+05 0.37576996E+02
                                                                                                                                                                                                                                                                                                                                                                                                 4
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c8h16o-AC
                                                                               Thergas
                                                                                                                                           c 8h 16o 1
                                                                                                                                                                                                                                                                   G 0300.00 5000.00 1000.00
-0.49604404E+02 0.17157613E+00-0.84526444E-04 0.17538499E-07-0.13039584E-11
-0.90059404E+04 \ 0.30754904E+03-0.62587652E+01 \ 0.11534862E+00-0.82837360E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.24663162E-07 \quad 0.19238595E-11-0.27227586E+05 \quad 0.60329090E+02
                                                                             Thergas c 8h 16o 1 G 0300.00
                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
c8h16o-BD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
2
-0.90059404E+04 0.30754904E+03-0.62587652E+01 0.11534862E+00-0.82837360E-04
      0.24663162E - 07 \quad 0.19238595E - 11 - 0.27227586E + 05 \quad 0.60329090E + 02
                                                                            Thergas c 8h 16o 1 G 0300.00
                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
c8h16o-CE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
-0.90059404E+04 \ 0.30754904E+03-0.62587652E+01 \ 0.11534862E+00-0.82837360E-04
      0.24663162E-07 \quad 0.19238595E-11-0.27227586E+05 \quad 0.60329090E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                c 8h 16o 1 G 0300.00 5000.00 1000.00
c8h16o#4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      -0.34025164E + 05 - 0.28330185E + 02 - 0.91580505E + 01 \\ 0.13815616E + 00 - 0.13925759E - 03 \\ -0.34025164E + 05 - 0.28330185E + 02 - 0.91580505E + 01 \\ -0.34025164E + 05 - 0.28330185E + 02 - 0.91580505E + 01 \\ -0.34025164E + 05 - 0.28330185E + 02 - 0.91580505E + 01 \\ -0.34025164E + 00 - 0.13925759E - 03 \\ -0.34025164E + 00 - 0.1392576E - 0.0002576E -
      0.84193424E-07-0.20929314E-10-0.29253268E+05 0.70819481E+02
c8h16o-AD
                                                                        Thergas c 8h 16o 1 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
-0.90792189E + 01 \quad 0.96842654E - 01 - 0.42314106E - 04 \quad 0.80553937E - 08 - 0.56217888E - 12 - 0.80553937E - 08 - 0.80553937E - 0.80553937E - 0.80553937E - 0.80553937E - 0.80553937E - 0.80553937E - 0.8055392E - 0.8055592E - 0.8055592
0.19645636E-07 0.23282851E-11-0.37704758E+05 0.43255486E+02
c8h16o-BE
                                                                             Thergas c 8h 16o 1
                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
-0.13438491E+02 0.10523880E+00-0.47019734E-04 0.90958210E-08-0.64228695E-12
-0.33421664E + 05 \quad 0.10754987E + 03 - 0.40804915E + 01 \quad 0.11852957E + 00 - 0.87520340E - 04 \\ -0.33421664E + 05 \quad 0.10754987E + 03 - 0.40804915E + 01 \quad 0.11852957E + 00 - 0.87520340E - 04 \\ -0.33421664E + 05 \quad 0.10754987E + 03 - 0.40804915E + 01 \quad 0.11852957E + 00 - 0.87520340E - 04 \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E + 0.00804915E \\ -0.33421664E + 0.00804915E + 0.0080495E + 0.0080495E + 0.0080495E + 0.0080495E + 0.0080495E + 0.008049E + 0.0080
      0.24680279E-07 0.13968884E-11-0.40228797E+05 0.44162018E+02
c8h16o-CF
                                                                      Thergas
                                                                                                                                   c 8h 16o 1
                                                                                                                                                                                                                                                      G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
-0.13438491E+02 0.10523880E+00-0.47019734E-04 0.90958210E-08-0.64228695E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.33149922E+05 0.10616370E+03-0.40804915E+01 0.11852957E+00-0.87520340E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.24680279E-07 0.13968884E-11-0.39957055E+05 0.42775852E+02
                                                                        Thergas c 8h 16o 1
                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
c8h16o-AE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1
-0.90792189E + 01 \quad 0.96842654E - 01 - 0.42314106E - 04 \quad 0.80553937E - 08 - 0.56217888E - 12 \\ -0.90792189E + 01 \quad 0.96842654E - 01 - 0.42314106E - 04 \quad 0.80553937E - 08 - 0.56217888E - 12 \\ -0.90792189E + 01 \quad 0.96842654E - 01 - 0.42314106E - 04 \quad 0.80553937E - 08 - 0.56217888E - 12 \\ -0.90792189E + 01 \quad 0.96842654E - 01 - 0.42314106E - 04 \quad 0.80553937E - 08 - 0.56217888E - 12 \\ -0.90792189E + 0.90792189E + 0.90792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
3
     0.19645636E-07 0.23282851E-11-0.40422160E+05 0.40538078E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                  c 8h 16o 1 G 0300.00
                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
c8h16o-BF
                                                                        Thergas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
-0.13438491E + 02 \quad 0.10523880E + 00 - 0.47019734E - 04 \quad 0.90958210E - 08 - 0.64228695E - 12 \\ -0.13438491E + 02 \quad 0.10523880E + 00 - 0.47019734E - 04 \\ -0.13438491E + 02 \quad 0.10523880E + 00 - 0.47019734E - 04 \\ -0.10523880E + 0.00623880E + 0.0062380E + 0.0062380E + 0.0062380E + 0.0062380E + 0.006280E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
3
      0.24680279E-07 \quad 0.13968884E-11-0.42946199E+05 \quad 0.41444611E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                  G 0300.00
c8h16o#5
                                                                                                                                                c 8h 16o 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      0.19923445E+02 \quad 0.47541186E-01-0.17070628E-04 \quad 0.28321352E-08-0.17942627E-12
-0.46442715E + 05 - 0.79594803E + 02 - 0.46059074E + 01 \\ 0.12274635E + 00 - 0.99378631E - 04 \\ -0.46042715E + 05 - 0.79594803E + 02 - 0.46059074E + 01 \\ -0.12274635E + 00 - 0.99378631E - 04 \\ -0.12274635E + 0.99378631E - 0.99378621E - 0.99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.38559634E-07-0.43409486E-11-0.40179516E+05 \quad 0.44928009E+02
                                                                                                                                                c 8h 16o 1
                                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      0.19923445E+02 \quad 0.47541186E-01-0.17070628E-04 \quad 0.28321352E-08-0.17942627E-12
-0.49431859E + 05 - 0.80926056E + 02 - 0.46059074E + 01 \\ 0.12274635E + 00 - 0.99378631E - 04 \\ -0.49431859E + 05 - 0.80926056E + 02 - 0.46059074E + 01 \\ -0.49431859E + 05 - 0.80926056E + 02 - 0.46059074E + 01 \\ -0.49431859E + 05 - 0.80926056E + 02 - 0.46059074E + 01 \\ -0.49431859E + 00 - 0.99378631E - 04 \\ -0.49431859E + 0.99378631E - 0.99378621E - 0.993
      0.38559634E-07-0.43409486E-11-0.43168656E+05 0.43596764E+02
                                                                                                                                             c 8h 18o
                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
      0.25184662E + 02 \quad 0.43498904E - 01 - 0.13889739E - 04 \quad 0.21201378E - 08 - 0.12674902E - 12 - 0.12674902E - 0.12674902E - 0.12674902E - 0.12674902E - 0.126749002E - 0.126749000E - 0.1267490000E - 0.12674900000E - 0.1267490000E - 0.1267490000E - 0.12674900000E - 0.1267490000000E - 0.12674900000000
0.13528783E-07 0.57746570E-12-0.39453109E+05 0.35583321E+02
                                                                                                                                               c 8h 18o
                                                                                                                                                                                                                                                                         G 0300.00
                                                                  Thergas
                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
      0.49120415E + 02 \ 0.88554397E - 02 - 0.11546297E - 05 \ 0.87920414E - 10 - 0.32100681E - 14
-0.59489250E + 05 - 0.23060811E + 03 \quad 0.23004239E + 01 \quad 0.95498212E - 01 - 0.46248148E - 04 - 0.248148E - 0.2
      0.49757682E-08 0.37816920E-12-0.42257711E+05 0.26992292E+02
                                                                                                                                                c 8h 18o
                                                                                                                                                                                                                                2
                                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
                                                                  Thergas
      -0.59217512E + 05 - 0.23060811E + 03 \quad 0.23004239E + 01 \quad 0.95498212E - 01 - 0.46248148E - 04 - 0.248148E - 0.24
     0.49757682E-08 0.37816920E-12-0.41985969E+05 0.26992292E+02
                                                                                                                                                c 8h 18o
                                                                  Thergas
                                                                                                                                                                                                                                2.
                                                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
      -0.59217512E + 05 - 0.23060811E + 03 \quad 0.23004239E + 01 \quad 0.95498212E - 01 - 0.46248148E - 04 - 0.06248148E - 0.0624848E - 0.06248148E - 0.0624848E - 0.062488E - 0.062
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      0.49757682E-08 0.37816920E-12-0.41985969E+05 0.26992292E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                        Thergas c 8h 17o 1 G 0300.00 5000.00 1000.00
c8h17ojA
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0.23077858E+02 0.40017333E-01-0.12140343E-04 0.17876562E-08-0.10431394E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.28314629E + 05 - 0.87646332E + 02 - 0.21339333E + 01 \\ 0.10345186E + 00 - 0.67650326E - 04 \\ -0.28314629E + 05 - 0.87646332E + 02 - 0.21339333E + 01 \\ -0.28314629E + 05 - 0.87646332E + 02 - 0.21339333E + 01 \\ -0.28314629E + 05 - 0.87646332E + 02 - 0.21339333E + 01 \\ -0.28314629E + 05 - 0.87646332E + 02 - 0.21339333E + 01 \\ -0.28314629E + 00 - 0.6765032E + 02 - 0.21339333E + 01 \\ -0.28314629E + 00 - 0.6765032E + 02 - 0.2133933E + 01 \\ -0.28314629E + 00 - 0.6765032E + 02 - 0.2133933E + 01 \\ -0.28314629E + 0.2031462E + 0.2031462E + 0.2031462E + 0.2031462E + 0.203142E + 0.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.21237781E-07-0.22787809E-11-0.20744408E+05 0.44891270E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                            Thergas
                                                                                                                                                                                                                                                                8h 17o
                                                                                                                                                                                                                                                                                                                                                                                                                  G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1
 c8h17ojB
                                                                                                                                                                                                                        C
                                                                                                                                                                                                                                                                                                                                                       1
          2
 -0.39497055E + 05 - 0.21787128E + 03 - 0.39666083E + 00 \\ 0.95058590E - 01 - 0.52235642E - 04 \\ -0.39497055E + 05 - 0.21787128E + 03 - 0.39666083E + 00 \\ -0.95058590E - 01 - 0.52235642E - 04 \\ -0.95058690E - 0.00058690E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.12906283E-07-0.25684030E-11-0.22491908E+05 0.36325146E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                            Thergas
                                                                                                                                                                                                                       c 8h 17o
 c8h17ojC
                                                                                                                                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
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         0.45855083E + 02 \ 0.77120606E - 02 - 0.85577000E - 06 \ 0.52874951E - 10 - 0.14047611E - 14047611E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.39225488E + 05 - 0.21787329E + 03 - 0.30149898E + 00 \quad 0.94388857E - 01 - 0.50605402E - 04 - 0.50605402E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.11260674E-07-0.19806197E-11-0.22230203E+05 \ 0.35921978E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                     c 8h 17o
 c8h17ojD
                                                                                                             Thergas
                                                                                                                                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1
          0.45855083E + 02 \quad 0.77120606E - 02 - 0.85577000E - 06 \quad 0.52874951E - 10 - 0.14047611E - 14047611E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.39225625E + 05 - 0.21787415E + 03 - 0.22684385E + 00 \\ 0.93874082E - 01 - 0.49376766E - 04 \\ 0.93874082E - 0.49376766E - 0.493766E - 0.49376E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.10041895E-07-0.15517422E-11-0.22238232E+05 0.35604935E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
nc8h17o2h
                                                                                                                                                                                                                            С
                                                                                                                                                                                                                                                                8h 18o
                                                                                                                                                                                                                                                                                                                                                       2
                                                                                                                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5000.00 1000.00
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          2
 -0.47296555E+05-0.68098534E+02 0.58419657E+01 0.68428375E-01 0.26399584E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
 -0.76631167E-07 0.32979203E-10-0.42606453E+05 0.12312349E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                                                                                                                                                                                                                   G 0300.00
 c8h15o2h
                                                                                                                                                                                                                            С
                                                                                                                                                                                                                                                                8h 16o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
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          0.20380741E+02 0.46281371E-01-0.15725082E-04 0.25071203E-08-0.15439704E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.31947451E+05-0.67045532E+02 0.61335635E+01 0.62499840E-01 0.28431941E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
 -0.76341848E-07 0.32648498E-10-0.27376854E+05 0.11155769E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
c8h15oq
                                                                                                                                                                                                                                                                8h 16o
                                                                                                                                                                                                                                                                                                                                                              3
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         0.16870092E+02 0.68185821E-01-0.24252884E-04 0.39975974E-08-0.25215041E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.39237465E+05-0.53114212E+02-0.18994358E+0.1067324400E+00-0.35085766E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
 -0.21366752E-07 0.14464667E-10-0.34442055E+05 0.36377739E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                     c 8h 16o
                                                                                                                                                                                                                                                                                                                                                      3
                                                                                                                                                                                                                                                                                                                                                                                                                G 0300.00
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 c8h15oAaB
                                                                                                    Thergas
         0.53674335E + 02 \quad 0.21574488E - 02 - 0.40864947E - 07 - 0.11245279E - 10 \quad 0.11178410E - 14 \quad 0.11178410E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.70325422E + 05 - 0.25281168E + 03 \quad 0.36112106E + 01 \quad 0.90610661E - 01 - 0.40356579E - 04 \\ -0.70325422E + 05 - 0.25281168E + 03 \quad 0.36112106E + 01 \quad 0.90610661E - 01 - 0.40356579E - 04 \\ -0.70325422E + 05 - 0.25281168E + 03 \quad 0.36112106E + 01 \quad 0.90610661E - 01 - 0.40356579E - 04 \\ -0.70325422E + 0.5 - 0.25281168E + 0.3 \quad 0.36112106E + 01 \quad 0.90610661E - 01 - 0.40356579E - 0.4 \\ -0.70325422E + 0.5 - 0.25281168E + 0.3 \quad 0.36112106E + 0.1 \quad 0.90610661E - 0.1 - 0.40356579E - 0.4 \\ -0.7032542E + 0.5 - 0.25281168E + 0.3 \quad 0.36112106E + 0.1 \quad 0.90610661E - 0.1 - 0.40356579E - 0.4 \\ -0.7032542E + 0.5 - 0.25281168E + 0.3 \quad 0.36112106E + 0.1 \quad 0.90610661E - 0.1 - 0.40356579E - 0.4 \\ -0.7032542E + 0.7032542E + 0.7032642E + 0.7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.74931328E-09 0.11603956E-11-0.51472324E+05 0.24173454E+02
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 c8h15oAqC
                                                                                                          Thergas
                                                                                                                                                                                                                     C
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         0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 \\ 0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 \\ 0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 \\ 0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 \\ 0.81503620E + 0.10391484E - 0.10391484E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.51816684E+05 \ 0.55914383E+01 \ 0.14876269E+01 \ 0.10638937E+00\\ -0.71089395E-04
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         0.17282511E-07 \ 0.16100971E-11-0.52051160E+05 \ 0.32888512E+02
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 c8h15oAqD
                                                                                                           Thergas
         0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 - 0.27240338E - 04 \quad 0.47624451E - 0.27240338E - 0.2724038E - 0.2724038E - 0.2724038E - 0.2724038E - 0.2724038E - 0.272408E - 0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.
 -0.51816684E + 05 \quad 0.55914383E + 01 \quad 0.14876269E + 01 \quad 0.10638937E + 00 - 0.71089395E - 04 \quad 0.0638937E + 0.063892E + 0.06382E + 0
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         0.17282511E-07 \ 0.16100971E-11-0.52051160E+05 \ 0.32888512E+02
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 c8h15oAqE
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         0.81503620E + 01 \quad 0.70391484E - 01 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 - 0.27240338E - 04 \quad 0.47624451E - 08 - 0.31291847E - 12 - 0.27240338E - 04 \quad 0.47624451E - 0.27240338E - 0.2724034E - 0.27240338E - 0.2724034E - 0.272404E - 0.272
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 -0.51816684E + 05 \quad 0.55914383E + 01 \quad 0.14876269E + 01 \quad 0.10638937E + 00 - 0.71089395E - 04 \quad 0.0638937E + 0.063892E + 0.06382E + 0
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         0.17282511E-07 0.16100971E-11-0.52051160E+05 0.32888512E+02
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 c8h15oBqA
                                                                                                             Thergas
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          0.83075991E+01 0.69291346E-01-0.26563011E-04 0.46145225E-08-0.30190328E-12
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 -0.52799562E + 05 \quad 0.47050476E + 01 \quad 0.23953123E + 01 \quad 0.10109549E + 00 - 0.65035594E - 04 \quad 0.10109549E + 0.00109549E + 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
         0.15254486E-07 0.15747630E-11-0.53000477E+05 0.28962004E+02
 c8h15oBqC
                                                                                                             Thergas
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          0.49241261E+02 0.72592604E-02-0.80720241E-06 0.43191655E-10-0.52818592E-15
 -0.71960219E + 05 - 0.22767657E + 03 \quad 0.27230816E + 01 \quad 0.93606509E - 01 - 0.45303026E - 04 \\ -0.71960219E + 05 - 0.22767657E + 03 \quad 0.27230816E + 01 \quad 0.93606509E - 01 - 0.45303026E - 04 \\ -0.71960219E + 05 - 0.22767657E + 03 \quad 0.27230816E + 01 \quad 0.93606509E - 01 - 0.45303026E - 04 \\ -0.71960219E + 0.00006E + 0.00006E + 0.00006E + 0.00006E + 0.0006E + 0.0006E
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         0.37047496E-08 0.99777435E-12-0.54898773E+05 0.28090195E+02
 c8h15oBqD
                                                                                                             Thergas
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                                                                                                                                                                                                                           C
          0.98898249E+01 0.67276448E-01-0.25651350E-04 0.44374371E-08-0.28936651E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.56202789E + 05 - 0.47461624E + 01 \quad 0.13648419E + 01 \quad 0.10492320E + 00 - 0.67955152E - 04 \quad 0.10492320E + 0.00492320E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049220E + 0.0049220E + 0.004920E + 0.0049
         0.15361115E-07 0.19037070E-11-0.55569441E+05 0.33457996E+02
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 c8h15oBqE
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         2.
 -0.56202781E + 05 - 0.47461624E + 01 \quad 0.13648419E + 01 \quad 0.10492320E + 00 - 0.67955152E - 04 \quad 0.10492320E + 0.004920E 
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         0.15361115E-07 0.19037070E-11-0.55569438E+05 0.33457996E+02
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 c8h15oBqF
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           \texttt{0.98898249E+01} \ \ \texttt{0.67276448E-01-0.25651350E-04} \ \ \texttt{0.44374371E-08-0.28936651E-12}
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-0.56202781E+05-0.47461624E+01 0.13648419E+01 0.10492320E+00-0.67955152E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
     0.15361115E-07 0.19037070E-11-0.55569438E+05 0.33457996E+02
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c8h15oCqA
                                                                   Thergas
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     0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12
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-0.50510727E + 05 \ 0.46075485E + 02 \ 0.12537197E + 01 \ 0.10604036E + 00 - 0.71684713E - 04
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     0.17897555E-07 0.17750154E-11-0.53435371E+05 0.34514915E+02
                                                             Thergas c 8h 16o 3 G 0300.00 5000.00 1000.00
c8h15oCqB
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     0.31035599E + 00 \quad 0.84062584E - 01 - 0.34256384E - 04 \quad 0.62102408E - 08 - 0.41861024E - 12 - 0.062102408E - 08 - 0.41861024E - 01 - 0.062102408E - 0.062108E - 0.062108E
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0.19142062E-07 0.21554080E-11-0.54728617E+05 0.41032448E+02
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                                                            Thergas c 8h 16o 3 G 0300.00 5000.00 1000.00
c8h15oCqD
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     0.10569321E+00 0.84411561E-01-0.34429060E-04 0.62443286E-08-0.42098221E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
-0.51766891E+05 \quad 0.49638435E+02-0.32275227E+00 \quad 0.11267214E+00-0.77983401E-04 \\ -0.51766891E+05 \quad 0.49638435E+02-0.32275227E+00 \\ -0.51766891E+00-0.77983401E-04 \\ -0.51766891E+00-0.77983401E-04 \\ -0.51766891E+00-0.77983401E-04 \\ -0.51766891E+00-0.77983401E-04 \\ -0.51766891E+00-0.77983401E-04 \\ -0.51766891E+00-0.7798401E-04 \\ -0.5176891E+00-0.7798401E-04 \\ -0.5176891E+00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798401E-00-0.7798
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     0.19313626E-07 \ 0.21200279E-11-0.54726145E+05 \ 0.41122940E+02
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c8h15oCqE Thergas c 8h 16o 3 G 0300.00 5000.00 1000.00
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-0.32692564E+01 0.89652263E-01-0.37041173E-04 0.67787700E-08-0.45991428E-12
-0.51060488E+05 \quad 0.68963867E+02 \quad 0.90327173E+00 \quad 0.10941053E+00-0.76053111E-04 \\ -0.51060488E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \\ -0.51060488E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.9032714E+00 \quad 0.903274E+00 \\ -0.903274E+00 \quad 0.90324E+00 \\ -0.903274E+00 \quad 0.90324E+00 \\ -0.903274E+00 \quad 0.90324E+00 \\ -0.903274E
     0.19056801E-07 0.22147340E-11-0.55712605E+05 0.35127430E+02
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c8h15oCaF
                                                              Thergas
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-0.32692564E+01 \quad 0.89652263E-01-0.37041173E-04 \quad 0.67787700E-08-0.45991428E-12
-0.51060488E+05 \quad 0.68963867E+02 \quad 0.90327173E+00 \quad 0.10941053E+00-0.76053111E-04 \\ -0.51060488E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \\ -0.51060488E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.9032714E+00 \quad 0.9032714E+00 \\ -0.90327
     0.19056801E-07 0.22147340E-11-0.55712605E+05 0.35127430E+02
c8h15oCqG
                                                              Thergas
                                                                                                                                         c 8h 16o 3
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-0.32692564E+01 0.89652263E-01-0.37041173E-04 0.67787700E-08-0.45991428E-12
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-0.51332227E+05 \quad 0.68963867E+02 \quad 0.90327173E+00 \quad 0.10941053E+00-0.76053111E-04
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     0.19056801E-07 0.22147340E-11-0.55984348E+05 0.35127430E+02
c8h15oDqA Therqas
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     0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12 \\ 0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12 \\ 0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12 \\ 0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12 \\ 0.93390000E + 00 \quad 0.81830658E - 01 - 0.32885589E - 04 \quad 0.59013421E - 08 - 0.39480845E - 12 \\ 0.93390000E + 0.00000E + 0.00000E + 0.00000E + 0.00000E + 0.00000E + 0.0000E + 
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-0.50510727E + 05 \quad 0.46075485E + 02 \quad 0.12537197E + 01 \quad 0.10604036E + 00 - 0.71684713E - 04 \\ -0.50510727E + 05 \quad 0.46075485E + 02 \quad 0.12537197E + 01 \quad 0.10604036E + 00 - 0.71684713E - 04 \\ -0.50510727E + 05 \quad 0.46075485E + 02 \quad 0.12537197E + 01 \quad 0.10604036E + 00 - 0.71684713E - 04 \\ -0.50510727E + 0.50510727E + 0.5051072E + 0.5051072E + 0.505107E + 0.505107E
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     0.17897555E-07 0.17750154E-11-0.53435371E+05 0.34514915E+02
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-0.36383281E+01 \ 0.90297543E-01-0.37387152E-04 \ 0.68535488E-08-0.46560596E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
-0.51188059E + 05 \ 0.71017807E + 02 \ 0.80836082E + 00 \ 0.11002732E + 00 - 0.77425240E - 04
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     0.20313115E-07 0.18100614E-11-0.55973637E+05 0.35534988E+02
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c8h15oDqC
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     0.23586342E + 00 \quad 0.84186003E - 01 - 0.34309847E - 04 \quad 0.62189027E - 08 - 0.41906840E - 12 \\ 0.62189027E - 0.41906840E - 12 \\ 0.6218
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
-0.51817547E+05 \quad 0.48914368E+02-0.55282074E+00 \quad 0.11427741E+00-0.81866310E-04
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     0.23218998E-07 0.72698130E-12-0.54701648E+05 0.42096024E+02
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c8h15oDaE
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                                                                                                                                      c 8h 16o 3
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     0.39021969E + 00 \quad 0.83918296E - 01 - 0.34170975E - 04 \quad 0.61899121E - 08 - 0.41693079E - 12 \\ 0.83918296E - 01 - 0.34170975E - 04 \quad 0.61899121E - 08 - 0.41693079E - 12 \\ 0.83918296E - 01 - 0.83918296E - 01 - 0.84170975E - 04 \\ 0.83918296E - 01 - 0.84170975E - 04 \\ 0.83918296E - 01 - 0.841693079E - 12 \\ 0.83918296 - 01 - 0.8416996 - 12 \\ 0.83918296 - 01 - 0.8416996 - 12 \\ 0.83918296 - 01 - 0.841696 - 12 \\ 0.83918296 - 01 - 0.841696 - 12 \\ 0.8391829 - 0.84169 - 0.84169 - 12 \\ 0.8391829 - 0.84169 - 0.84169 - 12 \\ 0.8391829 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.84169 - 0.841
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3
     0.18344201E-07 0.24339406E-11-0.54734094E+05 0.40818367E+02
                                                                    Thergas
                                                                                                                                          c 8h 16o
                                                                                                                                                                                                                         3
                                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
-0.32692564E+01 \quad 0.89652263E-01-0.37041173E-04 \quad 0.67787700E-08-0.45991428E-12
-0.51060488E+05 \quad 0.68963867E+02 \quad 0.90327173E+00 \quad 0.10941053E+00-0.76053111E-04 \\ -0.51060488E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \\ -0.51060488E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.9032714E+00 \quad 0.9032714E+00 \\ -0.90327
     0.19056801E-07 0.22147340E-11-0.55712605E+05 0.35127430E+02
                                                                                                                                          c 8h 16o
                                                                                                                                                                                                                                                                    G 0300.00
                                                                      Thergas
                                                                                                                                                                                                                           3
                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
-0.32692564E+01 \quad 0.89652263E-01-0.37041173E-04 \quad 0.67787700E-08-0.45991428E-12
-0.51332227E+05 \quad 0.68963867E+02 \quad 0.90327173E+00 \quad 0.10941053E+00-0.76053111E-04 \\ -0.51332227E+00 \quad 0.90327173E+00 \quad 0.90327173E+00 \quad 0.90327174E+00 \\ -0.51332227E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.90327174E+00 \quad 0.90327174E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.90327174E+00 \quad 0.9032714E+00 \\ -0.9032714E+00 \quad 0.9032714E+00 \\ -0.90327
     0.19056801E-07 0.22147340E-11-0.55984348E+05 0.35127430E+02
                                                                      Thergas
                                                                                                                                             c 8h 16o
                                                                                                                                                                                                                             3
                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
     0.83614087E+00 0.82002275E-01-0.32981116E-04 0.59228502E-08-0.39650764E-12
-0.50471973E+05 0.46620178E+02 0.12480025E+01 0.10608212E+00-0.71789218E-04
     0.18004227E-07 0.17371031E-11-0.53434789E+05 0.34538818E+02
                                                                                                                                                                     8h 16o
                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                              C
                                                                                                                                                                                                                            1
     0.16818151E + 02 \quad 0.48181277E - 01 - 0.16752190E - 04 \quad 0.27164362E - 08 - 0.16935562E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
-0.43479937E+05-0.52365341E+02 0.15366817E+00 0.92514843E-01-0.53883396E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
     0.97243600E-08 0.22533592E-11-0.38841691E+05 0.34039207E+02
                                                                                                                                                                     8h 15o
                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                                                                                               C
                                                                                                                                                                                                                           1
     0.21888067E+02 0.17680371E-01-0.45973793E-05 0.60718119E-09-0.32980075E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
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0.30559153E-07-0.43843913E-11-0.25892623E+05 0.30032263E+02
                                                                                                                                                               8h 16o 1
                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                        C
       0.16195034E+02 0.49036361E-01-0.17129807E-04 0.27865095E-08-0.17408790E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
 3
      0.55133600E-08 0.34705040E-11-0.42368941E+05 0.34223633E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                  c 8h 15o
 c7h14hco-5
                                                                        Thergas
                                                                                                                                                                                                                1
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                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      2
 -0.17503613E + 05 - 0.21597496E + 02 - 0.12599965E + 01 \\ 0.10632874E + 00 - 0.96253672E - 04 \\ -0.10632874E + 0.00632874E + 0.0063284E + 0.006424E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      {\tt 0.51725202E-07-0.11901102E-10-0.15282735E+05\ 0.40654591E+02}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                          Thergas
                                                                                                                                  c 8h 15o
                                                                                                                                                                                                                3
                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      0.10292596E + 02 \quad 0.63479453E - 01 - 0.23307943E - 04 \quad 0.39269827E - 08 - 0.25141198E - 12 - 0.25141198E - 0.2514188E - 0.2514188E - 0.2514188E - 0.251418E - 0.2514188E - 0.2514188E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 -0.34813062E + 05 - 0.76308517E + 01 \quad 0.80877706E - 01 \quad 0.11080116E + 00 - 0.83056919E - 04 \quad 0.80877706E - 01 \quad 0.80877706E - 0.8087706E - 0.80877706E - 0.8087
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      0.28146953E-07-0.18778763E-11-0.34075570E+05 0.37795277E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
 oct1*o2j4ooh Thergas
                                                                                                                               c 8h 15o 3
                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
       0.10849030E+02 0.62573776E-01-0.22883823E-04 0.38466257E-08-0.24597205E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
  -0.31175840E+05-0.89649429E+01 0.68427521E+00 0.11464635E+00-0.96999109E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      0.42468319E-07-0.66954445E-11-0.30707807E+05 0.34974228E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
oct1*o2oo4ooh Thergas
                                                                                                                                  c 8h 15o
                                                                                                                                                                                                                  5
                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      0.13311378E + 02 \quad 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 01 - 0.24674864E - 04 \quad 0.41760120E - 08 - 0.26822706E - 12 \\ 0.66787191E - 0.0687191E - 0.0687191E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 3
      0.31216747E-07-0.92134460E-12-0.46329523E+05 0.41425270E+02
oct1*o4*o2ooh Thergas
                                                                                                                                  C
                                                                                                                                                             8h 14o
                                                                                                                                                                                                                       4
                                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
 -0.62371850E + 01 \quad 0.94002627E - 01 - 0.40172090E - 04 \quad 0.75291302E - 08 - 0.51961343E - 12 - 0.62371850E + 0.062371850E + 0.062571850E +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
 -0.58963453E+05 0.89521042E+02 0.10606869E+01 0.11163237E+00-0.84458945E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      0.25736105E-07 0.47760504E-12-0.65065098E+05 0.37304520E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
c4h9coc3h6-1 Thergas
                                                                                                                                    c 8h 15o
                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
                                                                                                                                                                                                                    1
      0.12178297E+01 0.70042849E-01-0.26764796E-04 0.46391961E-08-0.30304920E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 -0.15893626E+05 0.37505653E+02-0.15102980E+01 0.10605914E+00-0.90638830E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      0.42124377E-07-0.72543109E-11-0.17863342E+05 0.41514374E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
nc4h9coc3h6-1 14/4/09 c 8h 15o 1
                                                                                                                                                                                                                                                                      300.000 5000.000 1000.000
                                                                                                                                                                                                                                              0q
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
     0.12178297E + 01 \quad 0.70042849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 12849E - 01 - 0.26764796E - 0.26764796
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2.
 -0.15893626E + 05 \quad 0.37505653E + 02 - 0.15102980E + 01 \quad 0.10605914E + 00 - 0.90638830E - 04 \\ -0.15893626E + 05 \quad 0.37505653E + 02 - 0.15102980E + 01 \quad 0.10605914E + 00 - 0.90638830E - 04 \\ -0.15893626E + 05 \quad 0.37505653E + 02 - 0.15102980E + 01 \quad 0.10605914E + 00 - 0.90638830E - 04 \\ -0.15893626E + 0.00605914E + 0.006
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
       \texttt{0.42124377E-07-0.72543109E-11-0.17863342E+05} \ \ \texttt{0.41514374E+02} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
nc4h9coc3h6o2-1 14/4/09 c 8h 15o
                                                                                                                                                                                                                                            0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      0.31401424E + 01 \quad 0.74644431E - 01 - 0.28685547E - 04 \quad 0.49904623E - 08 - 0.32675677E - 12 \quad 0.49904623E - 0.09904623E - 0.09904624E - 0.0990462E - 0.099046E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 3
      0.26409358E-07-0.88761122E-12-0.35475645E+05 0.38799351E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
nc4h9coc3h6o2h-1 14/4/9 c 8h 16o
                                                                                                                                                                                                                 3
                                                                                                                                                                                                                                                   0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      2.
 -0.50471973E+05 \quad 0.46620178E+02 \quad 0.12480025E+01 \quad 0.10608212E+00 \\ -0.71789218E-04 \quad 0.10608212E+01 \\ -0.8608212E+01 \quad 0.10608212E+01 \\ -0.86082412E+01 \quad 0.10608212E+01 \\ -0.8608212E+01 \quad 0.106082E+01 \\ -0.8608212E+01 \quad 0.10608212E+01 \\ -0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
      0.18004227 \\ E-07 \quad 0.17371031 \\ E-11-0.53434789 \\ E+05 \quad 0.34538818 \\ E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
nc4h9coc3h6o-1 14/4/09 c 8h 15o
                                                                                                                                                                                                                 2
                                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                                         300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1
      0.67451662E + 00 \quad 0.74695259E - 01 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 04 \quad 0.50442526E - 08 - 0.33131879E - 12 - 0.28871642E - 0.28871642E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 3
      0.25915137E-07-0.13066043E-11-0.34730578E+05 0.43700237E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
 c2h3coc3h7 4/15/ 9 THERMc 6h 10o
                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                                     0G
                                                                                                                                                                                                                                                                                   300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                               41
      1.87183592E+01 2.41363189E-02-8.35497476E-06 1.30748276E-09-7.62747475E-14
 -2.96755853E + 04 - 6.95728617E + 01 3.14273123E - 01 6.70372965E - 02 - 4.78379133E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
     1.84750498E-08-3.03547113E-12-2.31437069E+04 2.95218946E+01
 c2h3coc3h6-3 4/15/9THERMc
                                                                                                                                                                6h
                                                                                                                                                                                    90
                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                                      0G
                                                                                                                                                                                                                                                                                  300.000 5000.000 1389.000
       2.00687266E+01 2.06318487E-02-7.18989016E-06 1.13031085E-09-6.61524167E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 -8.61351924E+03-7.68454487E+01 1.82063299E-01 6.97665556E-02-5.52860723E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
       2.32191437E-08-4.03210322E-12-1.88032200E+03 2.91687528E+01
 c2h3coc3h6-2 4/15/9THERMc
                                                                                                                                                               6h
                                                                                                                                                                                           90
                                                                                                                                                                                                                                                      0G
                                                                                                                                                                                                                                                                                   300.000 5000.000 1376.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                41
                                                                                                                                                                                                                        1
     1.85383420E+01 2.09644783E-02-7.10726936E-06 1.09812027E-09-6.35356671E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 -6.09649496E+03-6.53208710E+01 1.39542268E+00 5.77571211E-02-3.62039487E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
     1.11354497E-08-1.33077569E-12 1.83960497E+02 2.79077319E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
c2h3coc4h9 4/15/ 9 THERMC
                                                                                                                                                                7h 12o
                                                                                                                                                                                                                        1
                                                                                                                                                                                                                                                     0G
                                                                                                                                                                                                                                                                                   300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                               51
       2.18818919E+01 2.86391260E-02-9.90229082E-06 1.54844346E-09-9.02839943E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
 -3.37726101E + 04 - 8.51368221E + 01 1.26153359E - 01 7.90711038E - 02 - 5.58451599E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
       2.12476290E-08-3.43373278E-12-2.60381588E+04 3.20788490E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
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c2h3coc4h8-4 4/15/9THERMc
                                                  7h 11o 1
                                                                           0G
                                                                                    300.000 5000.000 1389.000
                                                                                                                                               51
 2.31863030E+01 2.51741016E-02-8.75064225E-06 1.37333007E-09-8.02792956E-14
                                                                                                                                                2.
-1.26795211E+04-9.21173114E+01 5.51745226E-02 8.17261240E-02-6.34186758E-05
                                                                                                                                                3
 2.61652778E-08-4.48235476E-12-4.78894119E+03 3.14031132E+01
                                                                                                                                                 4
                                                   7h 11o 1
c2h3coc4h8-3 4/15/9THERMc
                                                                                     300.000 5000.000 1380.000
                                                                         0G
                                                                                                                                               51
  2.16171591E+01 2.55348372E-02-8.67346499E-06 1.34131531E-09-7.76387462E-14
                                                                                                                                                2
3
 1.44399473E-08-1.84448557E-12-2.69659961E+03 3.09129641E+01
                                                                                                                                                4
c2h3coc5h11 4/15/9 THERMc 8h 14o 1 0G
                                                                                    300.000 5000.000 1389.000
                                                                                                                                               61
  2.50468172E+01 3.31391031E-02-1.14482905E-05 1.78916517E-09-1.04278029E-13
                                                                                                                                                2
-3.78700449E + 04 - 1.00708263E + 02 - 6.11156110E - 02 \\ 9.10996690E - 02 - 6.38424556E - 05 \\ -05 - 10096690E - 1009660E - 1009660
                                                                                                                                                3
  2.40124190E-08-3.82997089E-12-2.89327049E+04 3.46321414E+01
                                                                                                                                                 4
c2h3coc5h10-5 4/15/9THERC 8h 13o 1 0G
                                                                                    300.000 5000.000 1390.000
                                                                                                                                               61
  2.63460968E+01 2.96842072E-02-1.03013463E-05 1.61490694E-09-9.43278503E-14
                                                                                                                                                2
-1.67755921E+04-1.07661304E+02-1.27720569E-01 9.37381419E-02-7.13979316E-05
                                                                                                                                                 3
  2.89246821E-08-4.87854838E-12-7.68420465E+03 3.39356643E+01
                                                                                                                                                 4
c2h3coc5h10-4 4/15/9THERc 8h 13o 1
                                                                         0G
                                                                                        300.000 5000.000 1383.000
                                                                                                                                               61
  2.47133948E+01 3.01318603E-02-1.02589501E-05 1.58863625E-09-9.20289844E-14
                                                                                                                                                 2
-1.42073438E+04-9.55434817E+01 8.47277192E-01 8.26711000E-02-5.36351605E-05
                                                                                                                                                3
 1.76065702E-08-2.33388782E-12-5.58052363E+03 3.38039442E+01
                                                                                                                                                 4
c2h3coc6h13 4/15/9 THERMc 9h 16o
                                                                   1
                                                                           0G
                                                                                        300.000 5000.000 1389.000
                                                                                                                                               71
  2.82126657E+01 3.76372508E-02-1.29934448E-05 2.02973390E-09-1.18262347E-13
                                                                                                                                                2.
-4.19677669E+04-1.16284696E+02-2.47881926E-01 1.03125042E-01-7.18336141E-05
                                                                                                                                                3
  2.67723821E-08-4.22495392E-12-3.18273043E+04 3.71832891E+01
                                                                                                                                                4
c2h3coc6h12-6 4/15/9THERC 9h 15o
                                                                  1
                                                                          0G
                                                                                        300.000 5000.000 1390.000
                                                                                                                                               71
  2.95082162E+01 3.41896343E-02-1.18498689E-05 1.85608662E-09-1.08351058E-13
                                                                                                                                                2
-2.08722628 \pm +04 -1.23217680 \pm +02 -3.11680126 \pm -01 \quad 1.05753396 \pm -01 -7.93787862 \pm -05
                                                                                                                                                3
  3.16823141E-08-5.27380726E-12-1.05792774E+04 3.64734004E+01
                                                                                                                                                4
c2h3coc6h12-5 4/15/9THERC 9h 15o
                                                                          0G
                                                                                       300.000 5000.000 1381.000
                                                                                                                                               71
                                                                  1
 2.82304677E+01 \quad 3.41043206E-02-1.15796384E-05 \quad 1.79022138E-09-1.03600366E-13
                                                                                                                                                2
-1.84472170E + 04 - 1.13108518E + 02 5.45344018E - 01 9.50191613E - 02 - 6.16874215E - 05
                                                                                                                                                3
 2.01426108E-08-2.63599843E-12-8.45419002E+03 3.69195672E+01
                                                                                                                                                 4
! Base C9
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G 0200.00
                                                                                                                                                                                                                                                                                                                             6000.00 1000.00
nc9h20
                                                                                                                                                           9h 20o
                                                                                                                                                                                                                    0
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                                                                  Burcat
                                                                                                                                    C
      2.55877522E+01 4.60770651E-02-1.60860633E-05 2.58274408E-09-1.54734690E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -4.00748448E+04-1.04722466E+02 1.39840225E+01-1.17224978E-02 2.52316467E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 4
Ac9h19
                                                            Burcat
                                                                                                                                    c 9h 19o 0
                                                                                                                                                                                                                                              G 0200.00 6000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      2.10145145E+01 \quad 5.18616211E-02-1.89952568E-05 \quad 3.11574043E-09-1.88328529E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -1.50809093E + 04 - 7.60093216E + 01 \quad 1.33309614E + 01 - 2.35843645E - 03 \quad 2.15714140E - 04 \quad 2.35843645E - 03 \quad 2.35844645E - 03 \quad 2.35844645E - 03 \quad 2.35844645E - 03 \quad 2.358446645E - 03 \quad 2.35844645E - 03 \quad 2.358446645E - 03 \quad 2.35844645E - 03 \quad 2.358446
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
 9h 19o
                                                                                                                                                                                                             0
                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
Bc9h19
      0.17096243E + 02 \quad 0.54549702E - 01 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 04 \quad 0.28318998E - 08 - 0.17247326E - 12 - 0.18069100E - 0.18069100
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
      0.17086611E-08 0.60214628E-11-0.81046172E+04 0.36094986E+02
Cc9h19
                                                                                                                                     C
                                                                                                                                                           9h 19o
                                                                                                                                                                                                                    0
                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
      -0.12759730E + 05 - 0.54338570E + 02 - 0.10298499E + 01 \\ 0.10617688E + 00 - 0.64349602E - 04 \\ -0.10617688E + 00 - 0.64349602E - 04 \\ -0.1061768E + 0.00618E + 0.00
      0.13055704E-07 0.23631156E-11-0.80276958E+04 0.39473068E+02
Dc9h19
                                                                                                                                                           9h 19o
                                                                                                                                                                                                                 Ω
                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                                                                                     C
      2
 -0.12759730E + 05 - 0.54338570E + 02 - 0.10298499E + 01 \quad 0.10617688E + 00 - 0.64349602E - 04 + 0.00617688E + 0.0061768E + 0
      0.13055704E-07 0.23631156E-11-0.80276958E+04 0.39473068E+02
                                                                                                                                                           9h 19o
Ec9h19
                                                                                                                                     C:
                                                                                                                                                                                                              Ω
                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.17309231E+02 0.54121740E-01-0.17874010E-04 0.27970348E-08-0.17025693E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -0.12759730E + 05 - 0.55031647E + 02 - 0.10298499E + 01 0.10617688E + 00 - 0.64349602E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.13055704E-07 0.23631156E-11-0.80276958E+04 0.38779991E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
c9h18-1 1-nonene T 3/00c 9h 18 0 0G 300.000 5000.000 1000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.23648630E+02 0.42839661E-01-0.13811799E-04 0.21258086E-08-0.12798081E-12
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-0.24007359E+05-0.92640266E+02-0.98635113E+00 0.98924667E-01-0.52890089E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.77450908E-08 0.18599660E-11-0.16191196E+05 0.38616222E+02
                                                                                                                                                                                                                                                                                                                                  0G 300.000 5000.000 1000.000
                                                                                                                                                                                   c 9h 18
c9h18-2
                                                                                            THERGAS
                                                                                                                                                                                                                                                                                    Ω
        2.
-0.25380301E + 05 - 0.92049950E + 02 - 0.97349174E - 01 \\ 0.94949417E - 01 - 0.49503888E - 04 \\ -0.25380301E + 05 - 0.92049950E + 02 - 0.97349174E - 01 \\ -0.25380301E + 05 - 0.92049950E + 02 - 0.97349174E - 01 \\ -0.25380301E + 05 - 0.92049950E + 02 - 0.97349174E - 01 \\ -0.25380301E + 0.00049950E + 0.0004950E + 0.0004
       0.80844371E-08 0.10590433E-11-0.17698664E+05 0.34163700E+02
                                                                                           THERGAS
                                                                                                                                                                                 c 9h 18 0 0G 300.000 5000.000 1000.000
c9h18-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
       2
-0.25400660E + 05 - 0.91882317E + 02 - 0.12577512E + 01 \\ 0.99013269E - 01 - 0.53231106E - 04 \\ -0.25400660E + 05 - 0.91882317E + 02 - 0.12577512E + 01 \\ -0.99013269E - 01 - 0.53231106E - 04 \\ -0.25400660E + 05 - 0.91882317E + 02 - 0.12577512E + 01 \\ -0.99013269E - 01 - 0.53231106E - 04 \\ -0.99013269E - 0.000160E - 0.
       0.85398444E-08 0.14724235E-11-0.17540232E+05 0.39615685E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                  THERGAS c 9h 18 0 0G 300.000 5000.000 1000.000
c9h18-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
        0.23347437E+02 0.43096352E-01-0.13896452E-04 0.21384670E-08-0.12869747E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
3
       0.58723453E-08 \ 0.24206520E-11-0.17556848E+05 \ 0.38953510E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                          c 9h 17o 0 G 0300.00 5000.00 1000.00
Cc9h17-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
        0.24537655E+02 0.38139250E-01-0.11394887E-04 0.16621738E-08-0.96505838E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.82738047E + 04 - 0.97115593E + 02 - 0.60456407E + 00 \\ 0.97226202E - 01 - 0.58194728E - 04 \\ -0.82738047E + 04 - 0.97115593E + 02 - 0.60456407E + 00 \\ -0.82738047E + 04 - 0.97115593E + 02 - 0.60456407E + 00 \\ -0.82738047E + 04 - 0.97115593E + 02 - 0.60456407E + 00 \\ -0.82738047E + 04 - 0.97115593E + 02 - 0.60456407E + 00 \\ -0.82738047E + 0.00456407E + 0.00456407E + 0.00456407E + 0.00456407E \\ -0.82738047E + 0.00456407E + 0.00456407E + 0.00456407E + 0.00456407E + 0.00456407E \\ -0.82738047E + 0.00456407E + 0.00456407E + 0.00456407E + 0.00456407E + 0.00456407E \\ -0.82738047E + 0.00456407E + 0.00466407E + 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.15641350E-07-0.12267471E-11-0.34386041E+03 0.36496502E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
Dc9h17-2
                                                                                            THERGAS
                                                                                                                                                                                    c 9h 17o 0
                                                                                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
        0.24300171E+02 0.38137496E-01-0.11336612E-04 0.16446871E-08-0.94975351E-13
-0.10128188E + 05 - 0.96444168E + 02 \quad 0.46289793E + 00 \quad 0.92514515E - 01 - 0.54073487E - 04 - 0.06489786 + 0.06489793E + 00 \quad 0.92514515E - 0.06489793E + 0.06489794E + 0.0648974E + 0.064
       0.15827760E-07-0.20867368E-11-0.23812151E+04 0.30979557E+02
Ec9h17-3
                                                                                        THERGAS
                                                                                                                                                                                       c 9h 17o 0
                                                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
       0.24209284E + 02 \quad 0.38376037E - 01 - 0.11464733E - 04 \quad 0.16719176E - 08 - 0.97037063E - 13 \\ 0.24209284E + 02 \quad 0.38376037E - 01 - 0.11464733E - 04 \quad 0.16719176E - 08 - 0.97037063E - 13 \\ 0.24209284E + 0.200084E + 0.00084E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
3
       0.16307295E-07-0.16912565E-11-0.22244277E+04 0.36335827E+02
Fc9h17-4
                                                                                      THERGAS
                                                                                                                                                                                     c 9h 17o
                                                                                                                                                                                                                                                                                            0
                                                                                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
       0.24202337E + 02 0.38386844E - 01 - 0.11470256E - 04 0.16730783E - 08 - 0.97123346E - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.10131787E + 05 - 0.96800568E + 02 - 0.10817566E + 01 \quad 0.99279627E - 01 - 0.64334956E - 04 - 0.00817566E + 01 \quad 0.99279627E - 01 - 0.64334956E - 04 - 0.00817566E + 01 \quad 0.99279627E - 01 - 0.64334956E - 04 - 0.00817566E + 01 \quad 0.99279627E - 01 - 0.64334956E - 0.00866E - 0.00866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.22834289E-07-0.39992410E-11-0.21823948E+04 0.37317131E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                         c 9h 16o 0
                                                                                                                                                                                                                                                                                                                                           G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
       0.12603670E+02 0.26696790E-01-0.88122661E-05 0.13779865E-08-0.83808537E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
-0.30240355E + 05 - 0.34318184E + 02 \quad 0.33559802E + 01 \quad 0.44081770E - 01 - 0.87931503E - 05 \quad 0.44081770E - 0.4408170E - 0.440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
-0.13929200E-07 0.70754257E-11-0.27296576E+05 0.15480649E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                  c 9h 19o 2
                                                                                                                                                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
c9h19qjA
                                                                             Therqas
       0.29181751E + 02 \quad 0.43400299E - 01 - 0.12959443E - 04 \quad 0.18844553E - 08 - 0.10889628E - 12 \\ 0.29181751E + 02 \quad 0.43400299E - 01 - 0.12959443E - 04 \\ 0.18844553E - 08 - 0.10889628E - 12 \\ 0.29181751E + 0.20889628E - 0.20889688E - 0.2088968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.33375445E+05-0.11554530E+03-0.87561017E+00 \quad 0.11901104E+00-0.78198158E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.23496838E-07-0.20496937E-11-0.24392154E+05 0.42373283E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c9h19qjB
                                                                                                                                                                                         c 9h 19o 2
                                                                                                                                                                                                                                                                                                                                               G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                  5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1
       0.25951220E + 02 \quad 0.48708454E - 01 - 0.15289610E - 04 \quad 0.23051367E - 08 - 0.13661580E - 12 \\ 0.25951220E + 02 \quad 0.48708454E - 01 - 0.15289610E - 04 \quad 0.23051367E - 08 - 0.13661580E - 12 \\ 0.25951220E + 02 \quad 0.48708454E - 01 - 0.15289610E - 04 \quad 0.23051367E - 08 - 0.13661580E - 12 \\ 0.25951220E + 02 \quad 0.48708454E - 01 - 0.15289610E - 04 \quad 0.23051367E - 08 - 0.13661580E - 12 \\ 0.25951220E + 0.25951220E + 0.2595120E - 0.23051367E - 0.23051267E - 0.23057E - 0.23057E - 0.23057E - 0.23057E - 0.23057E - 0.23057E - 0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2.
-0.34395867E + 05 - 0.97621887E + 02 \quad 0.45977383E + 01 \quad 0.82192063E - 01 \quad 0.13117477E - 04 \quad 0.13117477E - 0.1311747F - 0.131177F - 0.1311777F - 0.131177F - 0.131177F - 0.1311777F - 0.131177F - 0.131177F - 0.13117
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
-0.69661475E-07 0.31383320E-10-0.27565555E+05 0.18304462E+02
                                                                                                                                                                                         c 9h 19o
                                                                                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
       0.25917749E + 02 \quad 0.48768431E - 01 - 0.15325058E - 04 \quad 0.23135645E - 08 - 0.13731098E - 12 - 0.03825058E - 08 - 0.03825058E - 
-0.34110555E + 05 - 0.97436218E + 02 \quad 0.44519591E + 01 \quad 0.83205208E - 01 \quad 0.10679204E - 04 \quad 0.83205208E - 01 \quad 0.10679204E - 04 \quad 0.83205208E - 01 \quad 0.83205208E - 0.0008E - 
-0.67224029E-07 0.30519677E-10-0.27278244E+05 0.18920250E+02
                                                                                                                                                                                         c 9h 19o
                                                                                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                            2
                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
       0.25917749E + 02 \quad 0.48768431E - 01 - 0.15325058E - 04 \quad 0.23135645E - 08 - 0.13731098E - 12
-0.34110551E + 05 - 0.97436684E + 02 \quad 0.44519591E + 01 \quad 0.83205208E - 01 \quad 0.10679204E - 04 \quad 0.83205208E - 01 \quad 0.10679204E - 04 \quad 0.83205208E - 01 \quad 0.83205208E - 0.0008E - 0.0008
-0.67224029E-07 0.30519677E-10-0.27278242E+05 0.18919788E+02
                                                                                                                                                                                          С
                                                                                                                                                                                                                         9h 19o
                                                                                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
       0.25917749E+02 0.48768431E-01-0.15325058E-04 0.23135645E-08-0.13731098E-12
-0.34110551E+05-0.98129898E+02 \ 0.44519591E+01 \ 0.83205208E-01 \ 0.10679204E-04
-0.67224029E-07 0.30519677E-10-0.27278242E+05 0.18226576E+02
                                                                                                                                                                                                                         9h 19o
                                                                                                                                                                                                                                                                                                 2
                                                                                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                         C
       2.
-0.27934818E + 05 - 0.95220055E + 02 0.52131855E + 0.1178519900E + 00 - 0.81049620E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
       0.24465434E-07-0.92238229E-12-0.20808869E+05 0.38252827E+02
                                                                                                                                                                                                                         9h 19o
                                                                                                                                                                                                                                                                                                 2.
                                                                                                                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
                                                                                                                                                                                          C
       2.
-0.26077926E + 05 - 0.95349937E + 02 \quad 0.50118494E + 00 \quad 0.11802722E + 00 - 0.81265382E - 04 \\ -0.26077926E + 05 - 0.95349937E + 02 \quad 0.50118494E + 00 \quad 0.11802722E + 00 - 0.81265382E - 04 \\ -0.26077926E + 0.00077926E + 0.0
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0.24508493E-07-0.89410424E-12-0.18946953E+05 0.38328033E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
                                                                                                                                                                                                   9h 19o
                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
c9h18rCaA
                                                                                                                                                                       C
                                                                                                                                                                                                                                                                   2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
       0.26368946E+02 0.46831865E-01-0.14363258E-04 0.21343007E-08-0.12547133E-12
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-0.26077926E + 05 - 0.95349937E + 02 \quad 0.50118494E + 00 \quad 0.11802722E + 00 - 0.81265382E - 04 \\ -0.26077926E + 05 - 0.95349937E + 02 \quad 0.50118494E + 00 \quad 0.11802722E + 00 - 0.81265382E - 04 \\ -0.26077926E + 0.050118494E + 0.0501184944E + 
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       0.24508493E-07-0.89410424E-12-0.18946953E+05 0.38328033E+02
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       0.15671091E-07 0.18845383E-11-0.19006945E+05 0.35614079E+02
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       0.26860716E + 02 \quad 0.46836983E - 01 - 0.14441613E - 04 \quad 0.21527566E - 08 - 0.12676073E - 12676073E - 12676072E 
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       0.25970720E + 02 \quad 0.47265381E - 01 - 0.14515322E - 04 \quad 0.21566009E - 08 - 0.12664800E - 12664800E - 12666800E - 12666800E - 12666800E - 12666800E - 1266600E - 12666
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-0.31153859E + 05 - 0.93794388E + 02 \quad 0.54415913E + 01 \quad 0.86477503E - 01 - 0.84065723E - 05 \quad 0.84065723E - 0.98888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.9988888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.998888 + 0.9988888 + 0.9988888 + 0.9988888 + 0.9988888 + 0.9988888 + 0.9988888 + 0.998888 + 0.9988888 + 0.998888 + 0.
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-0.28480822E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.91696084E - 0.9169608E - 0.916608E - 0.916608E
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-0.28430477E + 05 - 0.95008713E + 02 \quad 0.57525477E + 01 \quad 0.83322354E - 01 \quad 0.16063391E - 05 \quad 0.83322354E - 01 \quad 0.8332254E - 01 \quad 0.8332254E - 0
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 -0.27289664E + 05 - 0.98687531E + 02 \quad 0.51266885E + 01 \quad 0.86858250E - 01 - 0.30980741E - 05 \quad 0.86858250E - 01 - 0.86858250E - 0.868
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 -0.28158736E + 05 - 0.95008713E + 02 \quad 0.57525477E + 01 \quad 0.83322354E - 01 \quad 0.16063391E - 05 \quad 0.83322354E - 01 \quad 0.16063391E - 0.083322354E - 0.083322354E - 0.0833322354E - 0.083322354E - 0.083322554E - 0.08332254E - 0.0833254E - 0.08332254E - 0.08332254E - 0.08332254E - 0.08332254E - 0.08332254E - 0.0833254E - 0.08354E - 0.08554E - 0.08554E - 0.08554E - 0.08554E - 0.08554E - 0.08554E - 0.0855555555555E - 0.08
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 -0.30938143E + 05 - 0.95160652E + 02 \quad 0.42163682E + 01 \quad 0.95128782E - 01 - 0.28024398E - 04 - 0.28024398E - 0.2802488E - 0.28024888E - 0.2802488E - 0.2802488E - 0.28024888E - 0.2802488E - 0.2802488E - 0.28024888E - 0.280248
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          0.52176769E + 02 \ 0.99439938E - 02 - 0.12386784E - 05 \ 0.90972098E - 10 - 0.32409115E - 14
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 -0.39322594 \pm +05 -0.24274733 \pm +03 \quad 0.10758094 \pm +01 \quad 0.11839948 \pm +00 -0.89050838 \pm -04
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          0.41901604E-07-0.11340823E-10-0.21363797E+05 0.34593719E+02
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          0.26483135E + 02 \quad 0.46894185E - 01 - 0.14411439E - 04 \quad 0.21436999E - 08 - 0.12606752E - 12 - 0.12606752E - 0.12
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 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \\ -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \\ -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \\ -0.28209082E + 0.00082E + 0.0
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 -0.38612189E - 07 \quad 0.20830029E - 10 - 0.21707613E + 05 \quad 0.20110281E + 02
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 -0.28158736E + 05 - 0.95008713E + 02 \quad 0.57525477E + 01 \quad 0.83322354E - 01 \quad 0.16063391E - 05 \quad 0.83322354E - 01 \quad 0.16063391E - 0.83322354E - 0.83322354E - 0.83322354E - 0.833322354E - 0.833322554E - 0.83322554E - 0.833322554E - 0.8333254E - 0.8333254E - 0.833254E - 0.8332
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          0.26861151E + 02 \quad 0.46832934E - 01 - 0.14437405E - 04 \quad 0.21513935E - 08 - 0.12662346E - 12 - 0.12662346E - 0.1266266E - 0.12666266E - 0.12666266E - 0.12666266E - 0.12666266E - 0.1266666E - 0.126666E -
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 -0.53669378\mathtt{E} - 07 \quad 0.26164716\mathtt{E} - 10 - 0.20650715\mathtt{E} + 05 \quad 0.17787926\mathtt{E} + 02
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          0.26861151E + 02 \quad 0.46832934E - 01 - 0.14437405E - 04 \quad 0.21513935E - 08 - 0.12662346E - 12 - 0.12662346E - 0.1266246E - 0.1266246E - 0.1266246E - 0.126626E - 0.
 -0.27289664E + 05 - 0.98687531E + 02 \quad 0.51266885E + 01 \quad 0.86858250E - 01 - 0.30980741E - 05 \quad 0.86858250E - 01 - 0.86858250E - 0.868
 -0.53669378E-07 0.26164716E-10-0.20650715E+05 0.17787926E+02
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          0.26483135E + 02 \quad 0.46894185E - 01 - 0.14411439E - 04 \quad 0.21436999E - 08 - 0.12606752E - 12 - 0.12606752E - 0.12
 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.17385441E - 01 \quad 0.91696084E - 01 - 0.91696084E - 0.9169608E - 0.916608E - 0.91
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          0.26235876E + 02 \quad 0.46750482E - 01 - 0.14272105E - 04 \quad 0.21099424E - 08 - 0.12340037E - 12
 -0.30938143E + 05 - 0.95160652E + 02 \quad 0.42163682E + 01 \quad 0.95128782E - 01 - 0.28024398E - 04 \quad 0.95128782E - 01 - 0.28024398E - 0.08024398E - 0.08024398E - 0.08024398E - 0.08024398E - 0.08024398E - 0.08024398E - 0.0802482E - 0.0802482E - 0.0802482E - 0.080242E - 0.080242
 -0.27428543E-07 0.16927680E-10-0.24549281E+05 0.21025965E+02
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          0.26483135E + 02 \quad 0.46894185E - 01 - 0.14411439E - 04 \quad 0.21436999E - 08 - 0.12606752E - 12806752E 
 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.17385441E - 01 \quad 0.91696084E - 0.01686084E - 0.01
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 -0.28209082E + 05 - 0.96293015E + 02 0.45698047E + 01 0.91696084E - 01 - 0.17385441E - 04
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 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.91696084E - 0.9169608E - 0.916608E - 0.916608E
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           \texttt{0.26232813E+02} \ \ \texttt{0.47381770E-01-0.14638063E-04} \ \ \texttt{0.21862689E-08-0.12896644E-12} 
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 -0.28158736E + 05 - 0.95008713E + 02 \quad 0.57525477E + 01 \quad 0.83322354E - 01 \quad 0.16063391E - 05 \quad 0.83322354E - 01 \quad 0.16063391E - 05 \quad 0.83322354E - 01 \quad 0.8332254E - 01 \quad 0.8332254E - 01 \quad 0.8332254E - 0.8332254
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 -0.56261570E-07 0.26731959E-10-0.21823791E+05 0.15168555E+02
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          0.26861151E + 02 \quad 0.46832934E - 01 - 0.14437405E - 04 \quad 0.21513935E - 08 - 0.12662346E - 12662346E - 126626E - 
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 -0.27289664E + 05 - 0.98687531E + 02 \quad 0.51266885E + 01 \quad 0.86858250E - 01 - 0.30980741E - 05 \quad 0.86858250E - 01 - 0.86858250E - 0.868
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  -0.53669378E-07 0.26164716E-10-0.20650715E+05 0.17787926E+02
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 -0.27289664E + 05 - 0.98687531E + 02 \quad 0.51266885E + 01 \quad 0.86858250E - 01 - 0.30980741E - 05 \quad 0.86858250E - 01 - 0.86858250E - 0.868
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         0.26232813E + 02 \quad 0.47381770E - 01 - 0.14638063E - 04 \quad 0.21862689E - 08 - 0.12896644E - 12896644E - 128966644E - 1
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 -0.28158736E + 05 - 0.95008713E + 02 0.57525477E + 01 0.83322354E - 01 0.16063391E - 05
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 -0.56261570E-07 0.26731959E-10-0.21823791E+05 0.15168555E+02
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         0.26483135E + 02 0.46894185E - 01 - 0.14411439E - 04 0.21436999E - 08 - 0.12606752E - 12
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 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.17385441E - 01 \quad 0.91696084E - 01 - 0.91696084E - 0.9169608E - 0.916608E - 0.91
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         0.26483135E + 02 \quad 0.46894185E - 01 - 0.14411439E - 04 \quad 0.21436999E - 08 - 0.12606752E - 12806752E 
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 -0.28209082E + 05 - 0.96293015E + 02 \quad 0.45698047E + 01 \quad 0.91696084E - 01 - 0.17385441E - 04 \quad 0.91696084E - 01 - 0.17385441E - 01 \quad 0.91696084E - 0.01686084E - 0.01
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 -0.38612189E - 07 \quad 0.20830029E - 10 - 0.21707613E + 05 \quad 0.20110281E + 02
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         0.26235876E + 02 \quad 0.46750482E - 01 - 0.14272105E - 04 \quad 0.21099424E - 08 - 0.12340037E - 12340037E - 1234007E - 123
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 -0.30938143E + 05 - 0.95853737E + 02 \quad 0.42163682E + 01 \quad 0.95128782E - 01 - 0.28024398E - 04 \quad 0.95128782E - 01 - 0.28024398E - 01 - 0.8024398E - 0.9024398E - 0.902439E - 0.902429E - 0.902420E - 0.902420E - 0.902420
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 -0.47701555E + 05 - 0.11806299E + 03 \quad 0.35736973E + 01 \quad 0.10041121E + 00 - 0.87616290E - 05 \quad 0.0041121E + 00 - 0.87616290E - 0.0041121E + 0.004
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 -0.59550999E-07 0.30002910E-10-0.39538074E+05 0.27780340E+02
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         0.31038488E + 02 \quad 0.47735918E - 01 - 0.14599507E - 04 \quad 0.21608142E - 08 - 0.12645493E - 12645493E - 12645495E - 126454565E - 126656555E - 126656555E - 12665655E - 126656555E - 12665655E - 12665655E - 126656
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 -0.45811762E + 05 - 0.11696181E + 03 \quad 0.64382296E + 01 \quad 0.91654688E - 01 \quad 0.26842943E - 05 \quad 0.91654688E - 01 \quad 0.91654688E - 0.9166488E - 0.916488E - 0.9166488E - 0.916688E - 0.91688E - 0.916688E - 0.91688E - 0.91688E - 0.916688E - 0.91688E - 0.916888E - 0.91688E - 
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 -0.65584040E-07 0.31110444E-10-0.38243316E+05 0.15182489E+02
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          0.30950647E+02 0.47892228E-01-0.14691514E-04 0.21826516E-08-0.12825572E-12
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 -0.45776859E + 05 - 0.11647336E + 03 \quad 0.66611009E + 01 \quad 0.90105869E - 01 \quad 0.64087008E - 05 \quad 0.90105869E - 01 \quad 0.64087008E - 0.90105869E - 0.90106869E - 0.90106869E - 0.90106869E - 0.90106869E - 0.90106869E - 0.90106869E - 0.90106869E
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 -0.69301954E-07 0.32425375E-10-0.38267113E+05 0.14238935E+02
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          0.31039066E+02 0.47737852E-01-0.14602389E-04 0.21618665E-08-0.12656736E-12
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 -0.45812902E + 05 - 0.11696762E + 03 0.66236506E + 01 0.90364970E - 01 0.57900734E - 05 0.45812902E + 05 0.90364970E - 01 0.57900734E - 05 0.90364970E - 01 0
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 -0.68689793E-07 0.32210862E-10-0.38263105E+05 0.14397618E+02
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-0.45812746E+05-0.11696642E+03 0.65338249E+01 0.90982795E-01 0.43185801E-05
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-0.67232605E-07 0.31698803E-10-0.38253418E+05 0.14779528E+02
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        0.30946157E+02 0.47899894E-01-0.14695902E-04 0.21836790E-08-0.12833965E-12
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-0.46046379E + 05 - 0.11644504E + 03 \quad 0.64709330E + 01 \quad 0.91416858E - 01 \quad 0.32799835E - 05 \quad 0.91416858E - 01 \quad 0.91416858E - 0.9146858E - 0.91
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-0.66198226E-07 0.31333023E-10-0.38518395E+05 0.15047546E+02
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        0.30969017E+02 0.47590684E-01-0.14500595E-04 0.21391031E-08-0.12483095E-12
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-0.43697547E + 05 - 0.11557323E + 03 \quad 0.21968551E + 01 \quad 0.11917415E + 00 - 0.64029431E - 04 \quad 0.11917415E + 0.00074E + 0
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       0.34980713E-09 0.83943581E-11-0.35464016E+05 0.34825428E+02
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-0.45811762E + 05 - 0.11696165E + 03 \quad 0.64382296E + 01 \quad 0.91654688E - 01 \quad 0.26842943E - 05 \quad 0.64382296E + 01 \quad 0.91654688E - 01 \quad 0.9164488E - 01 \quad 0.916448E - 0.916448
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-0.65584040E-07 0.31110444E-10-0.38243316E+05 0.15182643E+02
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        0.28478655E+02 0.52160636E-01-0.16603331E-04 0.25318954E-08-0.15143767E-12
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-0.48990281E + 05 - 0.10673918E + 03 \quad 0.36755686E + 01 \quad 0.98876841E - 01 - 0.19263166E - 05 \quad 0.98876841E - 01 - 0.19263166E - 01 \quad 0.98876841E - 01 - 0.19263166E - 05 \quad 0.98876841E - 01 - 0.19263166E - 01 \quad 0.98876841E - 01 - 0.98876841E - 01 - 0.19263166E - 01 \quad 0.98876841E - 0.1926316E - 0.98876841E - 
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-0.67487122E-07 0.33383959E-10-0.41639961E+05 0.25495577E+02
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-0.48954461E + 05 - 0.12480402E + 03 \quad 0.28376672E - 01 \quad 0.13610221E + 00 - 0.97205222E - 04 \quad 0.13610221E + 0.09202E - 0.
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        \texttt{0.26980851E-07} \ \ \texttt{0.67551721E-12-0.40133562E+05} \ \ \texttt{0.42264709E+02} 
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-0.49287281E + 05 - 0.12564702E + 03 \quad 0.85392639E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.97601645E - 0.97601645E -
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-0.46058316E + 05 - 0.11661455E + 03 \ 0.64937673E + 01 \ 0.91256864E - 01 \ 0.36685587E - 05
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-0.66590744E-07 0.31473633E-10-0.38520816E+05 0.14948297E+02
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-0.49015539E + 05 - 0.12634012E + 03 \quad 0.85392639E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628314E + 0.00666E - 0.00666E - 0.00666E - 0.00666E - 0.00666E - 0.00666E - 0.0066E - 0.
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    0.27340018E-07 0.56013858E-12-0.40130320E+05 0.41694889E+02
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     0.30976122E+02 0.47845777E-01-0.14663553E-04 0.21758919E-08-0.12769003E-12
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-0.45786570E + 05 - 0.11592143E + 03 0.64937673E + 01 0.91256864E - 01 0.36685587E - 05
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-0.66590744E-07 0.31473633E-10-0.38249070E+05 0.15641418E+02
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     0.30976122E+02 0.47845777E-01-0.14663553E-04 0.21758919E-08-0.12769003E-12
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-0.45786570E + 05 - 0.11661414E + 03 0.64937673E + 01 0.91256864E - 01 0.36685587E - 05
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-0.66590744E-07 0.31473633E-10-0.38249070E+05 0.14948711E+02
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    0.32579189E + 02 \quad 0.46041515E - 01 - 0.13945423E - 04 \quad 0.20496949E - 08 - 0.11938095E - 12 - 0.01938095E - 0.01
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-0.49015539E + 05 - 0.12634012E + 03 \quad 0.85392639E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628313E + 0.00 - 0.97601645E - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 
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    0.32427872E+02 0.46308927E-01-0.14101534E-04 0.20864421E-08-0.12238879E-12
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    0.26980851E-07 0.67551721E-12-0.39861824E+05 0.41571625E+02
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-0.48990281\mathtt{E} + 05 - 0.10673962\mathtt{E} + 03 \quad 0.36755686\mathtt{E} + 01 \quad 0.98876841\mathtt{E} - 01 - 0.19263166\mathtt{E} - 05
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-0.67487122E-07 0.33383959E-10-0.41639961E+05 0.25495131E+02
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    0.32427872E + 02 \quad 0.46308927E - 01 - 0.14101534E - 04 \quad 0.20864421E - 08 - 0.12238879E - 12238879E - 12288879E - 12288879E - 12288879E - 12288879E - 122888879E - 122888879
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    0.26980851E-07 \ 0.67551721E-12-0.39861824E+05 \ 0.41570850E+02
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-0.48682723E + 05 - 0.12549710E + 03 \quad 0.28376672E - 01 \quad 0.13610221E + 00 - 0.97205222E - 04 \quad 0.13610221E + 00 - 0.97205222E - 0.0 \quad 0.13610221E + 0.0 \quad
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    0.26980851E-07 0.67551721E-12-0.39861824E+05 0.41571625E+02
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     0.32579189E+02 0.46041515E-01-0.13945423E-04 0.20496949E-08-0.11938095E-12
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-0.49015539E + 05 - 0.12634012E + 03 \quad 0.85392639E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628313E + 0.00 - 0.97601645E - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 
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-0.45786570E + 05 - 0.11592136E + 03 0.64937673E + 01 0.91256864E - 01 0.36685587E - 05
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-0.66590744E-07 0.31473633E-10-0.38249070E+05 0.15641502E+02
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-0.45786570E + 05 - 0.11592122E + 03 0.64937673E + 01 0.91256864E - 01 0.36685587E - 05
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-0.66590744E-07 0.31473633E-10-0.38249070E+05 0.15641625E+02
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     0.32579189E + 02 0.46041515E - 01 - 0.13945423E - 04 0.20496949E - 08 - 0.11938095E - 12
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-0.49015539E + 05 - 0.12634012E + 03 \quad 0.85392639E - 04 \quad 0.13628313E + 00 - 0.97601645E - 04 \quad 0.13628313E + 0.00 - 0.97601645E - 04 \quad 0.13628313E + 0.00 - 0.97601645E - 0.00 - 0.97601645E - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0
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     0.32427872E+02 0.46308927E-01-0.14101534E-04 0.20864421E-08-0.12238879E-12
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0.26980851E-07 \ 0.67551721E-12-0.39861824E+05 \ 0.41571625E+02
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c9h18qjEqE
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     0.28478655E+02 0.52160636E-01-0.16603331E-04 0.25318954E-08-0.15143767E-12
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-0.48990230E + 05 - 0.10743262E + 03 \quad 0.36454315E + 01 \quad 0.99081539E - 01 - 0.24086924E - 05 \quad 0.36454315E + 01 \quad 0.99081539E - 01 - 0.24086924E - 05 \quad 0.99081539E - 01 - 0.99081539E - 0.9908159E -
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-0.67013609E-07 0.33218761E-10-0.41636668E+05 0.24930279E+02
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     0.54220787E+02 0.37295849E-02-0.28925851E-06 0.21969595E-10-0.12185279E-14
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-0.13301055E-08 0.12650430E-11-0.30428816E+05 0.31140984E+02
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c9h18o-BC
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     0.25491837E+02 0.45432143E-01-0.15068784E-04 0.23655131E-08-0.14431800E-12
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-0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ 0.11144988E + 00 - 0.64520078E - 04 \\ -0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ -0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ -0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ -0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ -0.41008820E + 05 - 0.10371906E + 03 - 0.19395231E + 01 \\ -0.41008820E + 0.000820E +
     0.10974392E-07 0.20857151E-11-0.32700787E+05 0.41050835E+02
c9h18o-CD
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     0.25505743E + 02 \quad 0.45400590E - 01 - 0.15042233E - 04 \quad 0.23578521E - 08 - 0.14361246E - 12
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     0.10616990E-07 0.22125674E-11-0.32431400E+05 0.40958286E+02
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     0.25505743E + 02 \quad 0.45400590E - 01 - 0.15042233E - 04 \quad 0.23578521E - 08 - 0.14361246E - 12 \\ 0.25505743E + 02 \quad 0.45400590E - 01 - 0.15042233E - 04 \quad 0.23578521E - 08 - 0.14361246E - 12 \\ 0.25505743E + 02 \quad 0.45400590E - 01 - 0.15042233E - 04 \quad 0.23578521E - 08 - 0.14361246E - 12 \\ 0.25505743E + 0.25505743E + 0.25505748E + 0.2550574
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-0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ 0.11129976E + 00 - 0.64161504E - 04 \\ -0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ -0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ -0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ -0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ -0.40742336E + 05 - 0.10379461E + 03 - 0.19177125E + 01 \\ -0.4074236E + 0.10379461E + 0.1037
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     0.10616990E-07 0.22125674E-11-0.32431400E+05 0.40958286E+02
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     \tt 0.20751516E+02 \ 0.53109169E-01-0.18619254E-04 \ 0.30372509E-08-0.19015993E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.39084238E+05-0.77091675E+02-0.10779630E+01 \quad 0.10479561E+00-0.46471647E-04 \\ -0.39084238E+05-0.77091675E+02-0.10779630E+01 \\ -0.39084238E+05-0.77091675E+02-0.10779630E+01 \\ -0.39084238E+05-0.77091675E+02-0.10779630E+01 \\ -0.39084238E+05-0.77091675E+02-0.10779630E+01 \\ -0.39084238E+05-0.10779630E+01 \\ -0.39084238E+05-0.10779630E+01 \\ -0.39084238E+05-0.10779630E+01 \\ -0.39084238E+05-0.10779630E+01 \\ -0.39084238E+01 \\ -0.3908428E+01 \\ -0.390848E+01 \\ -0.390848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
-0.95035428E-08 0.10340567E-10-0.32784797E+05 0.37488365E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
c9h18o-AC
                                                                        THERGAS
                                                                                                                                  c 9h 18o
                                                                                                                                                                                                                 1
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
     0.57455284E + 02 \quad 0.12881232E - 02 - 0.74070044E - 07 \quad 0.10913942E - 10 - 0.86161870E - 15 - 0.086161870E - 10 - 0.86161870E - 10 - 0.8616180E - 10 - 0.8616180E - 10 - 0.86161870E - 10 - 0.8616180E - 10 - 0.86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
-0.53998305E + 05 - 0.28827087E + 03 \quad 0.50904173E + 00 \quad 0.87393589E - 01 - 0.21114171E - 04 \\ -0.53998305E + 05 - 0.28827087E + 03 \quad 0.50904173E + 00 \quad 0.87393589E - 01 - 0.21114171E - 04 \\ -0.53998305E + 0.50904173E + 0.50904174E + 0.5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
-0.99423492E-08 0.18286752E-11-0.30969023E+05 0.32374821E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
c9h18o-BD
                                                                     THERGAS
                                                                                                                                c 9h 18o
                                                                                                                                                                                                                 1
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                  5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
-0.52760944E+02 \quad 0.18693563E+00-0.91526992E-04 \quad 0.18906691E-07-0.14010413E-11
0.29377718E-07 0.18053954E-11-0.32654527E+05 0.63542870E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                     c 9h 18o
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                                                                        THERGAS
-0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \quad 0.18878158E - 07 - 0.13987504E - 11 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 02 \quad 0.18672647E + 00 - 0.91404036E - 04 \\ -0.52652420E + 0.91404036E - 0.9140404036E - 0.9140404036E - 0.9140404036E - 0.914040404E - 0.9140404E - 0.914040
0.32526632E-07 0.67628482E-12-0.32363393E+05 0.64315308E+02
                                                                                                                                       c 9h 18o
                                                                         THERGAS
                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
-0.12707204E+05 0.32434213E+03-0.71477265E+01 0.13281809E+00-0.99568366E-04
     0.32526632E-07 0.67628482E-12-0.32363393E+05 0.62929146E+02
                                                                                                                                                              9h 18o
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                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
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                                                                                                                                        C
                                                                                                                                                                                                                       1
     0.12834952E+02 0.68842724E-01-0.26673071E-04 0.46667958E-08-0.30677422E-12
-0.37490941E+05-0.36652031E+02-0.93998842E+01 0.15012281E+00-0.14627981E-03
     0.85317865E-07-0.20543556E-10-0.32142646E+05 0.73639565E+02
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                                                                                                                                                              9h 18o
                                                                         THERGAS
                                                                                                                                     С
                                                                                                                                                                                                                  1
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                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
     0.57717716E + 02 \ 0.98878564E - 03 \ 0.34258424E - 07 - 0.13545402E - 10 \ 0.11424654E - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
-0.62769398E + 05 - 0.28943927E + 03 \quad 0.71783710E + 00 \quad 0.10049052E + 00 - 0.44562908E - 04 \\ -0.62769398E + 05 - 0.28943927E + 03 \quad 0.71783710E + 00 \quad 0.10049052E + 00 - 0.44562908E - 04 \\ -0.62769398E + 0.00049052E + 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
     0.13336982E-08 0.74469841E-12-0.41140188E+05 0.26463823E+02
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c9h18o-BE
                                                                         THERGAS
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-0.11436962E+02 0.11087813E+00-0.48648802E-04 0.92896082E-08-0.64978827E-12
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3
      0.23489365E-07 0.24961882E-11-0.43138477E+05 0.46207027E+02
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                                                                                                                                                                            9h 18o
                                                                               THERGAS
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c9h18o-CF
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-0.11436962E + 02 \quad 0.11087813E + 00 - 0.48648802E - 04 \quad 0.92896082E - 08 - 0.64978827E - 12 - 0.948648802E - 08 - 0.948648802E - 0.9486488802E - 0.948648802E - 0.948648802E - 0.948648802E - 0.948648802E - 0.948648802E - 0.94864
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.36605512E+05 \quad 0.98911888E+02-0.41417184E+01 \quad 0.12932250E+00-0.91954826E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.23489365E-07 0.24961882E-11-0.42866738E+05 0.46207027E+02
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c9h18o#5
                                                                                                                                                    C
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      2
-0.50216125E + 05 - 0.86968925E + 02 - 0.48857079E + 01 \\ 0.13500465E + 00 - 0.10717843E - 03 \\ 0.1350046 + 0.10717843E - 0.007178443E - 0.007178443E - 0.007178443E - 0.007178443E - 0.00717844440 \\ 0.1350046 + 0.00717844444 + 0.00717844444 + 0.00717844444 + 0.0071784444 + 0.0071784444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.007178444 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.00717844 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 + 0.0071784 +
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      0.40542766E-07-0.42895635E-11-0.43336945E+05 \ 0.49291260E+02
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c9h18o#6
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      0.21920916E+02 0.53503696E-01-0.19128767E-04 0.31637077E-08-0.19998517E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.52661785E + 05 - 0.89686325E + 02 - 0.48857079E + 01 \\ 0.13500465E + 00 - 0.10717843E - 03 \\ 0.13500465E + 00 - 0.10717843E - 0.007178443E - 0.0071784444 \\ 0.1350046 + 0.0071784444 \\ 0.1350046 + 0.007178444 \\ 0.1350046 + 0.007178444 \\ 0.1350046 + 0.00717844 \\ 0.1350046 + 0.00718844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.0071844 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.1350046 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.007184 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.135004 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 0.00718 \\ 0.00718 + 
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      0.40542766E-07-0.42895635E-11-0.45782605E+05 0.46573860E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                               THERGAS
                                                                                                                                              c 9h 18o
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      0.57717716E + 02 \ 0.98878564E - 03 \ 0.34258424E - 07 - 0.13545402E - 10 \ 0.11424654E - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.65486801E+05-0.29215668E+03 0.71783710E+00 0.10049052E+00-0.44562908E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.13336982E-08 0.74469841E-12-0.43857590E+05 0.23746424E+02
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                                                                                                                                                 c 9h 18o
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c9h18o-BF
                                                                               THERGAS
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 -0.11436962E+02 0.11087813E+00-0.48648802E-04 0.92896082E-08-0.64978827E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.39594656E+05 0.96194489E+02-0.41417184E+01 0.12932250E+00-0.91954826E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.23489365E-07 0.24961882E-11-0.45855879E+05 0.43489628E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
c9h18o-CG
                                                                               THERGAS
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-0.11436962E+02 0.11087813E+00-0.48648802E-04 0.92896082E-08-0.64978827E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.39322914E+05 0.96194489E+02-0.41417184E+01 0.12932250E+00-0.91954826E-04
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      0.23489365E-07 0.24961882E-11-0.45584137E+05 0.43489628E+02
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                                                           THERGAS
                                                                                                                                               c 9h 20o
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c9h19aA
                                                                                                                                                                                                                                    2
      0.28012716E + 02 \quad 0.48133329E - 01 - 0.15355894E - 04 \quad 0.23437927E - 08 - 0.14018776E - 12 - 0.1401876E - 0.14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.50686820E + 05 - 0.10751595E + 03 \quad 0.55414140E + 00 \quad 0.11442371E + 00 - 0.65771113E - 04 + 00 - 0.065771113E - 04 + 00 - 0.06577111110E - 00 + 0.0657711110E - 0.065771110E - 0.06577110E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.12139529E-07 0.16232346E-11-0.42369977E+05 0.37372299E+02
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c9h19qB
                                                           THERGAS
                                                                                                                                                c 9h 20o
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      2
-0.63541996E + 05 - 0.24733365E + 03 \quad 0.23825750E + 01 \quad 0.10538419E + 00 - 0.48774335E - 04 \quad 0.10538419E + 0.0068419E + 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.22046358E-08 \ 0.19078454E-11-0.45183777E+05 \ 0.28419085E+02
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c9h19qC
                                                           THERGAS
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      2.
-0.63270254E + 05 - 0.24733365E + 03 \quad 0.23825750E + 01 \quad 0.10538419E + 00 - 0.48774335E - 04 \quad 0.10538419E + 0.00538419E + 0.00588419E + 0.00588419E + 0.00588419E + 0.00588419E + 0.00588419E + 
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      0.22046358E-08 \ 0.19078454E-11-0.44912039E+05 \ 0.28419085E+02
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c9h19qD
                                                          THERGAS
                                                                                                                                                   c 9h 20o
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      2.
-0.63270254E + 05 - 0.24733365E + 03 \quad 0.23825750E + 01 \quad 0.10538419E + 00 - 0.48774335E - 04 \quad 0.10538419E + 00 - 0.48774335E - 0.4 \quad 0.10538419E + 0.00538419E + 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.22046358E-08 0.19078454E-11-0.44912039E+05 0.28419085E+02
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                                                             THERGAS
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c9h19qE
                                                                                                                                                   C
      0.52552689E+02 0.12292847E-01-0.18977114E-05 0.16954796E-09-0.71385548E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-0.63270254E + 05 - 0.24802672E + 03 \quad 0.23825750E + 01 \quad 0.10538419E + 00 - 0.48774335E - 04 \quad 0.10538419E + 00 - 0.48774335E - 0.00538419E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
      0.22046358E-08 0.19078454E-11-0.44912039E+05 0.27726002E+02
c9h19ojA THERGAS
                                                                                                                                                   С
                                                                                                                                                                            9h 19o
                                                                                                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
      0.25889626E + 02 \quad 0.44678904E - 01 - 0.13621532E - 04 \quad 0.20147730E - 08 - 0.11803363E - 12803363E - 12803365E - 128035E - 12805E - 12805E
-0.32146812E + 05 - 0.10098331E + 03 - 0.23493445E + 01 \\ 0.11539201E + 00 - 0.75087053E - 04 \\ 0.11539201E + 00 - 0.75087054E - 0.7
      0.23345649E-07-0.24685802E-11-0.23638500E+05 0.47581589E+02
c9h19ojB THERGAS
                                                                                                                                                                            9h 19o
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                                                                                                                                                   C
      0.49356236E + 02 0.11019588E - 01 - 0.15292540E - 05 0.12519824E - 09 - 0.49643038E - 14
-0.43574855E + 05 - 0.23497281E + 03 - 0.22032407E + 00 \\ 0.10426953E + 00 - 0.53089923E - 04
      0.84217033E-08-0.41878615E-12-0.25427736E+05 0.37358292E+02
                                                                                                                                                                            9h 19o
c9h19ojC THERGAS
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      2.
3
      0.91319636E-08-0.66658408E-12-0.25151055E+05 0.37549084E+02
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c9h19ojD THERGAS
                                                                                                                                                c 9h 19o 1 G 0300.00
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       \texttt{0.49356236E+02} \ \ \texttt{0.11019588E-01-0.15292540E-05} \ \ \texttt{0.12519824E-09-0.49643038E-14}
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-0.43303195E+05-0.23497520E+03-0.17580587E+00 0.10395946E+00-0.52343661E-04
                                                                                                                                                                                                                                                                                                                                                               3
   0.76764293E-08-0.15510724E-12-0.25160732E+05 0.37167831E+02
                                                                                      c 9h 19o 1
                                                                                                                                                                                                                                                     5000.00 1000.00
c9h19ojE THERGAS
                                                                                                                                                                                           G 0300.00
    0.49356236E + 02 \quad 0.11019588E - 01 - 0.15292540E - 05 \quad 0.12519824E - 09 - 0.49643038E - 14 \\
                                                                                                                                                                                                                                                                                                                                                               2.
{\tt 0.76764293E-08-0.15510724E-12-0.25160732E+05\ 0.36474602E+02}
c9h17oAqB THERGAS c 9h 18o 3 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                               1
    0.57564270E + 02 \quad 0.47556795E - 02 - 0.34552519E - 06 \quad 0.11218278E - 10 \quad 0.10192661E - 15 \\
                                                                                                                                                                                                                                                                                                                                                               2
0.24588380E-08 \ 0.11120346E-11-0.54369055E+05 \ 0.26757969E+02
                                                                                                                                                                                                                                                                                                                                                               4
                                             THERGAS c 9h 18o 3 G 0300.00 5000.00 1000.00
c9h17oAqC
                                                                                                                                                                                                                                                                                                                                                               1
    2
-0.55248777E + 05 - 0.22507935E + 01 \quad 0.12709715E + 01 \quad 0.11825272E + 00 - 0.78076853E - 04 \\ -0.55248777E + 05 - 0.22507935E + 01 \quad 0.12709715E + 01 \\ -0.55248777E + 05 - 0.22507935E + 01 \\ -0.55248777E + 0.00076E + 0.
                                                                                                                                                                                                                                                                                                                                                               3
   0.18621957E-07 \quad 0.18200452E-11-0.54944102E+05 \quad 0.35592842E+02
                                                                                                                                                                                                                                                                                                                                                               4
                                             THERGAS c 9h 18o 3 G 0300.00 5000.00 1000.00
c9h17oAqD
                                                                                                                                                                                                                                                                                                                                                               1
    0.10022679E+02 0.76522343E-01-0.29341363E-04 0.50951545E-08-0.33310862E-12
-0.55263305E+05-0.24515686E+01 0.11904956E+01 0.11880637E+00-0.79394660E-04
   0.19925789E-07 0.13622130E-11-0.54935426E+05 0.35934254E+02
                                                                                                                                                                                                                                                                                                                                                               4
c9h17oAaE
                                              THERGAS
                                                                                                     c 9h 18o 3
                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                      5000.00 1000.00
    0.10022679E+02 0.76522343E-01-0.29341363E-04 0.50951545E-08-0.33310862E-12
0.19925789E-07 0.13622130E-11-0.54935426E+05 0.35934254E+02
c9h17oBqA
                                              THERGAS
                                                                                                       c 9h 18o
                                                                                                                                                                  3
                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                      5000.00 1000.00
    0.99080772E+01 0.75885788E-01-0.28897963E-04 0.49948157E-08-0.32552468E-12
                                                                                                                                                                                                                                                                                                                                                               2
-0.56139234E + 05 - 0.18210754E + 01 \quad 0.19086102E + 01 \quad 0.11480793E + 00 - 0.76394666E - 04 \quad 0.18210754E + 01 \quad 0.19086102E + 0.190
                                                                                                                                                                                                                                                                                                                                                               3
   0.20878485E-07 0.29800926E-12-0.55864230E+05 0.32813053E+02
                                             THERGAS
                                                                                                    c 9h 18o
                                                                                                                                                                 3
                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                               1
c9h17oBaC
   2
3
   0.57669118E-08 0.82112529E-12-0.57793113E+05 0.30767122E+02
                                                                                                                                                                                                                                                                                                                                                               4
                                               THERGAS
                                                                                          c 9h 18o 3
                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                     5000.00 1000.00
c9h17oBaD
                                                                                                                                                                                                                                                                                                                                                              1
   0.11327724E + 02 \ 0.74158520E - 01 - 0.28150040E - 04 \ 0.48553628E - 08 - 0.31601127E - 12
                                                                                                                                                                                                                                                                                                                                                               2.
3
   0.21951815E-07 0.28604208E-12-0.58426965E+05 0.37555798E+02
                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                     c 9h 18o 3
c9h17oBqE
                                               THERGAS
                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                      5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                               1
   0.11550725E + 02 \quad 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 01 - 0.27955592E - 04 \quad 0.48148165E - 08 - 0.31300516E - 12 \\ 0.73779374E - 0.1000516E - 0.000566E - 0.
                                                                                                                                                                                                                                                                                                                                                               2
-0.59567000E + 05 - 0.11613739E + 02 \quad 0.11634083E + 01 \quad 0.11666089E + 00 - 0.74588497E - 04 \\ -0.59567000E + 05 - 0.11613739E + 02 \quad 0.11634083E + 01 \quad 0.11666089E + 00 - 0.74588497E - 04 \\ -0.59567000E + 05 - 0.11613739E + 02 \quad 0.11634083E + 01 \quad 0.11666089E + 00 - 0.74588497E - 04 \\ -0.59567000E + 0.0000E + 0.0000E + 0.0000E + 0.0000E + 0.000E + 
                                                                                                                                                                                                                                                                                                                                                               3
   0.16294116E-07 0.22758696E-11-0.58463738E+05 0.36100586E+02
                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                                                                                                                                                                        5000.00 1000.00
c9h17oBaF
                                                 THERGAS
                                                                                                   c 9h 18o 3
                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                                                                               1
   0.11550725E+02 \ 0.73779374E-01-0.27955592E-04 \ 0.48148165E-08-0.31300516E-12
                                                                                                                                                                                                                                                                                                                                                               2.
-0.59567000E + 05 - 0.11613739E + 02 \quad 0.11634083E + 01 \quad 0.11666089E + 00 - 0.74588497E - 04 \\ -0.59567000E + 05 - 0.11613739E + 02 \quad 0.11634083E + 01 \quad 0.11666089E + 00 - 0.74588497E - 04 \\ -0.59567000E + 0.0000E + 0.0000E + 0.0000E + 0.0000E + 0.000E + 0.000E
                                                                                                                                                                                                                                                                                                                                                               3
   0.16294116E-07 0.22758696E-11-0.58463738E+05 0.36100586E+02
                                                  THERGAS
                                                                                                      c 9h 18o
                                                                                                                                                                 3
                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                          5000.00 1000.00
    0.26330712E + 01 \quad 0.88236339E - 01 - 0.35123732E - 04 \quad 0.62633991E - 08 - 0.41729909E - 12 \\ 0.26330712E + 01 \quad 0.88236339E - 01 - 0.35123732E - 04 \quad 0.62633991E - 08 - 0.41729909E - 12 \\ 0.26330712E + 01 \quad 0.88236339E - 01 - 0.35123732E - 04 \quad 0.62633991E - 08 - 0.41729909E - 12 \\ 0.88236339E - 01 - 0.88236339E - 01 - 0.88236339E - 01 - 0.88236339E - 01 \\ 0.88236339E - 01 - 0.88236339E - 01 - 0.88236339E - 01 - 0.88236339E - 01 \\ 0.8823639E - 01 - 0.88236339E - 01 - 0.8823639E - 01 - 0.8823639E - 01 - 0.8823639E - 01 \\ 0.8823636 - 0.8823639E - 0.8823639E - 0.882369E - 0.882469E - 0.
0.19317822E-07 0.19547415E-11-0.56327953E+05 0.37234768E+02
                                                                                                         c 9h 18o
                                                                                                                                                                                                 G 0300.00
                                                   THERGAS
                                                                                                                                                                  3
                                                                                                                                                                                                                                                            5000.00 1000.00
    0.20427570E+01 0.90380341E-01-0.36406032E-04 0.65445089E-08-0.43841737E-12
-0.55231008E+05 \quad 0.41258247E+02-0.58227444E+00 \quad 0.12484038E+00-0.85723135E-04
   0.21424613E-07 0.20497033E-11-0.57614609E+05 0.44007767E+02
                                                    THERGAS
                                                                                                         c 9h 18o
                                                                                                                                                                     3
                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                            5000.00 1000.00
c9h17oCaD
   0.20427570E+01 0.90380341E-01-0.36406032E-04 0.65445089E-08-0.43841737E-12
-0.55231004 \pm +05 \quad 0.41258247 \pm +02 -0.58227444 \pm +00 \quad 0.12484038 \pm +00 -0.85723135 \pm -04
   0.21424613E-07 0.20497033E-11-0.57614605E+05 0.44007767E+02
                                                                                                                          9h 18o
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                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                            5000.00 1000.00
c9h17oCaE
                                                    THERGAS
                                                                                                        C
-0.16393070E+01 0.96133098E-01-0.39269718E-04 0.71291089E-08-0.48091864E-12
                                                                                                                                                                                                                                                                                                                                                               2.
-0.54401484E+05 \quad 0.62303436E+02 \quad 0.51356161E+00 \quad 0.12245560E+00-0.85823747E-04 \\ -0.54401484E+0.00 \quad 0.00 \quad 0
   0.23110351E-07 0.14885884E-11-0.58586809E+05 0.38567001E+02
                                                                                                                          9h 18o
                                                    THERGAS
                                                                                                                                                                  3
                                                                                                                                                                                                G 0300.00
                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                              1
                                                                                                        C
-0.17773372E + 01 \quad 0.96376061E - 01 - 0.39404909E - 04 \quad 0.71595063E - 08 - 0.48331640E - 12
                                                                                                                                                                                                                                                                                                                                                              2.
-0.54347301E+05 \quad 0.63071304E+02 \quad 0.65579349E+00 \quad 0.12146684E+00-0.83440347E-04
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0.20720394E-07 0.23389231E-11-0.58602008E+05 0.37964905E+02
                                                                                                                                                                                                                                                                                            4
                                        THERGAS
                                                                                  c 9h 18o 3
                                                                                                                                                         G 0300.00
                                                                                                                                                                                                        5000.00 1000.00
c9h17oCaG
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-0.17773372E+01 0.96376061E-01-0.39404909E-04 0.71595063E-08-0.48331640E-12
                                                                                                                                                                                                                                                                                            2.
-0.54347301E+05 \quad 0.63071304E+02 \quad 0.65579349E+00 \quad 0.12146684E+00-0.83440347E-04
                                                                                                                                                                                                                                                                                            3
    0.20720394E-07 0.23389231E-11-0.58602008E+05 0.37964905E+02
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                                                                                                    9h 18o
c9h17oDqA
                                     THERGAS
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                                                                                                                                                         G 0300.00
                                                                                                                                                                                                            5000.00 1000.00
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    0.26330712E+01 \quad 0.88236339E-01-0.35123732E-04 \quad 0.62633991E-08-0.41729909E-12
                                                                                                                                                                                                                                                                                            2
-0.53882910E+05 0.39012688E+02 0.103333081E+01 0.11793247E+00-0.78747551E-04
                                                                                                                                                                                                                                                                                            3
    0.19317822E-07 \ 0.19547415E-11-0.56327953E+05 \ 0.37234768E+02
                                                                                                                                                                                                                                                                                            4
                                      THERGAS
                                                                                    c 9h 18o
c9h17oDqB
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                                                                                                                                                          G 0300.00
                                                                                                                                                                                                        5000.00 1000.00
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2
-0.54673227E+05 \quad 0.62303436E+02 \quad 0.51356161E+00 \quad 0.12245560E+00 \\ -0.85823747E-04 \quad 0.62303436E+02 \quad 0.62303436E+02 \\ -0.54673227E+05 \quad 0.62303436E+02 \quad 0.62303436E+02 \\ -0.54673227E+05 \quad 0.62303436E+02 \quad 0.62303436E+02 \\ -0.64673227E+05 \quad 0.62303436E+02 \quad 0.62303436E+02 \\ -0.64673227E+05 \quad 0.62303436E+02 \quad 0.62303436E+02 \\ -0.64673227E+00 \quad 0.62303436E+02 \\ -0.64673227E+00 \quad 0.62303436E+02 \\ -0.64673227E+00 \quad 0.62303436E+02 \\ -0.64673227E+00 \quad 0.62303436E+00 \\ -0.64673227E+00 \quad 0.62303436E+00 \\ -0.64673227E+00 \quad 0.62303456E+00 \\ -0.6467322456E+00 \quad 0.6230456E+00 \\ -0.646732456E+00 \quad 0.6230456E+00 \\ -0.6467456E+00 \quad 0.623046E+00 \\ -0.6467456E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.623046E+00 \\ -0.646746E+00 \quad 0.623046E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.623046E+00 \\ -0.646746E+00 \quad 0.623046E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.6230466E+00 \\ -0.646746E+00 \quad 0.623046E+00 \\ -0
                                                                                                                                                                                                                                                                                            3
    0.23110351E-07 \ 0.14885884E-11-0.58858551E+05 \ 0.38567001E+02
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                                                                                   c 9h 18o
c9h17oDqC
                                      THERGAS
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    0.20427570E+01 0.90380341E-01-0.36406032E-04 0.65445089E-08-0.43841737E-12
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 -0.55231008E+05 0.41258247E+02-0.58227444E+00 0.12484038E+00-0.85723135E-04
                                                                                                                                                                                                                                                                                            3
    0.21424613E-07 0.20497033E-11-0.57614609E+05 0.44007767E+02
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c9h17oDqE
                                        THERGAS
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                                                                                               9h 18o
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    0.21169822E+01 0.90259723E-01-0.36359546E-04 0.65385501E-08-0.43824422E-12
                                                                                                                                                                                                                                                                                            2
3
    0.17406423E-07 0.34464382E-11-0.57642086E+05 0.42930302E+02
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                                                                                                                                                            G 0300.00
c9h17oDqF
                                          THERGAS
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                                                                                                    9h 18o
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                                                                                                                                                                                                        5000.00 1000.00
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-0.17223836E+01 0.96284375E-01-0.39364371E-04 0.71527038E-08-0.48293444E-12
                                                                                                                                                                                                                                                                                            2
-0.54368180E+05 0.62765465E+02 0.63761193E+00 0.12159612E+00-0.83763305E-04
                                                                                                                                                                                                                                                                                            3
    0.21059840E-07 0.22115831E-11-0.58600090E+05 0.38041573E+02
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c9h17oDqG
                                       THERGAS
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-0.17223836E+01 0.96284375E-01-0.39364371E-04 0.71527038E-08-0.48293444E-12
                                                                                                                                                                                                                                                                                            2
-0.54368180E + 05 \ 0.62765465E + 02 \ 0.63761193E + 00 \ 0.12159612E + 00 - 0.83763305E - 04
                                                                                                                                                                                                                                                                                            3
    0.21059840E-07 0.22115831E-11-0.58600090E+05 0.38041573E+02
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                                      THERGAS
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c9h17oDaH
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2
-0.54639922E+05 0.62765465E+02 0.63761193E+00 0.12159612E+00-0.83763305E-04
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    0.21059840E-07 0.22115831E-11-0.58871832E+05 0.38041573E+02
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                                                                                   c 9h 18o
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c9h17oEqA
                                      THERGAS
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                                                                                                                                                                                                       5000.00 1000.00
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    0.26330712E+01 0.88236339E-01-0.35123732E-04 0.62633991E-08-0.41729909E-12
                                                                                                                                                                                                                                                                                            2
-0.53882910E + 05 \quad 0.39012688E + 02 \quad 0.10333081E + 01 \quad 0.11793247E + 00 - 0.78747551E - 04 - 0.11793247E + 0.117947E + 0.1179
                                                                                                                                                                                                                                                                                            3
    0.19317822E-07 0.19547415E-11-0.56327953E+05 0.37234768E+02
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                                                                                   c 9h 18o
c9h17oEqB
                                        THERGAS
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                                                                                                                                                             G 0300.00
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-0.14182608E+01 \ 0.95756039E-01-0.39085102E-04 \ 0.70931745E-08-0.47845793E-12
                                                                                                                                                                                                                                                                                            2.
3
    0.20241577E-07 \ 0.24716947E-11-0.58878859E+05 \ 0.37773891E+02
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c9h17oEqC
                                         THERGAS
                                                                                   c 9h 18o
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                                                                                                                                                             G 0300.00
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2
-0.54487168E+05 \quad 0.61071960E+02 \quad 0.69998366E+00 \quad 0.12119029E+00\\ -0.82862774E-04 \quad 0.69998366E+00 \quad 0.699998366E+00 \quad 0.699998866E+00 \quad 0.69999866E+00 \quad 0.699999866E+00 \quad 0.69999866E+00 \quad 0.699999866E+00 \quad 0.69999866E+00 \quad 0.699999866E+00 \quad 0.69999866E+00 \quad 0.69999866E+00 \quad 0.699999866E+
                                                                                                                                                                                                                                                                                            3
    0.20241577E-07 0.24716947E-11-0.58607117E+05 0.37773891E+02
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                                          THERGAS
                                                                                                   9h 18o
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                                                                                                                                                             G 0300.00
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c9h17oEqD
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    0.20427570E+01 0.90380341E-01-0.36406032E-04 0.65445089E-08-0.43841737E-12
-0.55231008E+05 \quad 0.41258247E+02-0.58227444E+00 \quad 0.12484038E+00-0.85723135E-04
                                                                                                                                                                                                                                                                                            3
    0.21424613 \\ \text{E}-07 \quad 0.20497033 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.20497033 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.20497033 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.20497033 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.2049703 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.2049703 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.44007767 \\ \text{E}+02 \quad 0.2049703 \\ \text{E}-11-0.57614609 \\ \text{E}+05 \quad 0.2049703 \\ \text{E}-11-0.57614609 \\ \text{E}-11-0.57
c8h17hco
                                                                                      C
                                                                                                    9h 18o
                                                                                                                                                             G 0300.00
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    0.18849661E+02 0.54086044E-01-0.18779167E-04 0.30409297E-08-0.18933939E-12
                                                                                                                                                                                                                                                                                            2
-0.46995488 \pm +05 -0.61316322 \pm +02 -0.13642266 \pm +00 -0.10484816 \pm +00 -0.61872401 \pm -04
    0.11904929E-07 0.22320409E-11-0.41726328E+05 0.37059387E+02
c8h17co
                                                                                                    9h 17o
                                                                                                                                                             G 0300.00
                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                            1
                                                                                      C
                                                                                                                                       1
    0.21888067E+02 0.17680371E-01-0.45973793E-05 0.60718119E-09-0.32980075E-13
                                                                                                                                                                                                                                                                                            2
-0.31535605E+05-0.78729637E+02 0.63410324E+00 0.80357298E-01-0.71632960E-04
                                                                                                                                                                                                                                                                                            3
    0.30559153E-07-0.43843913E-11-0.25892623E+05 0.30032263E+02
                                                                                                                                                                                                                                                                                            4
nonanone
                                                                                                    9h 18o
                                                                                                                                       1
                                                                                                                                                             G 0300.00
                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                            1
                                                                                      C
    2.
-0.50390156E + 05 - 0.57728271E + 02 - 0.41810483E + 00 \\ 0.10439084E + 00 - 0.60891307E - 04 \\ -0.50390156E + 05 - 0.57728271E + 02 - 0.41810483E + 00 \\ -0.50390156E + 05 - 0.57728271E + 02 - 0.41810483E + 00 \\ -0.50390156E + 05 - 0.57728271E + 02 - 0.41810483E + 00 \\ -0.50390156E + 05 - 0.57728271E + 02 - 0.41810483E + 00 \\ -0.50390156E + 0.50390156E + 0.50390156E + 0.50390156E + 0.50390156E \\ -0.50390156E + 0.50390156E + 0.50390156E + 0.50390156E + 0.5039016E + 0.50390156E + 0.50390156E + 0.50390156E + 0.50390156E + 0.5039016E + 0.5
                                                                                                                                                                                                                                                                                            3
    0.11825490E-07 0.19934597E-11-0.45226434E+05 0.38313908E+02
                                                                                                                                                                                                                                                                                            4
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9h 16o
                                                                                                                                                                                                                           10 OG
                                                                                                                                                                                                                                                                             300.00 5000.00 1000.00
c8h15hco
                                                                                                                                          C
     0.13349758E+02 0.35031658E-01-0.11402005E-04 0.17652914E-08-0.10663082E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.
3
     0.17507743E-07-0.23133568E-11-0.43351152E+04 0.29169792E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
c8h15co
                                                                                                                                                                 9h 15o 10 0G 300.00 5000.00 1000.00
                                                                                                                                          C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1
     2
3
     0.18736934E-07-0.13444726E-11-0.10128525E+05 0.34277374E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
C9h18o4h2
                                                                                                                                                                  9h 20o
                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                             4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1
     0.24995127E + 02 \quad 0.60753368E - 01 - 0.20876956E - 04 \quad 0.33584091E - 08 - 0.20828047E - 12 - 0.20828047E - 0.20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
-0.65378984E + 05 - 0.86457504E + 02 \quad 0.54911180E + 01 \quad 0.91481999E - 01 \quad 0.17644292E - 04 \quad 0.91481999E - 01 \quad 0.91644292E - 04 \quad 0.91481999E - 01 \quad 0.91644292E - 04 \quad 0.91481999E - 01 \quad 0.91649199E - 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
-0.86451479E-07 0.39944201E-10-0.59657730E+05 0.18180676E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            4
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## ! Mécanismes C10

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nc10h22
                                                                                 Burcat
                                                                                                                                                                   c 10h 22o
                                                                                                                                                                                                                                                                  0
                                                                                                                                                                                                                                                                                                            G
                                                                                                                                                                                                                                                                                                                                            200.000 6000.000 1000.
       2.94782956E+01 4.90518943E-02-1.70317179E-05 2.72919300E-09-1.63370772E-13
 -4.43022624E + 04 - 1.24062121E + 02 \ 1.54328173E + 01 - 1.32979232E - 02 \ 2.82480581E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
 THERGAS
                                                                                                                                                                c 10h 21o
                                                                                                                                                                                                                                                              0
                                                                                                                                                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
Ac10h21
       0.29289494E+02 0.44858422E-01-0.13285377E-04 0.19239812E-08-0.11105890E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 3
      0.36575912E-07-0.68510280E-11-0.96996123E+04 0.46734844E+02
                                                                               THERGAS
                                                                                                                                                     c 10h 21o 0
                                                                                                                                                                                                                                                                                                     G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1
Bc10h21
      0.28721216E + 02 \quad 0.45296576E - 01 - 0.13418864E - 04 \quad 0.19426223E - 08 - 0.11204689E - 12 - 0.124689E - 0.124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -0.20189984E + 05 - 0.11627267E + 03 - 0.17286946E + 01 \\ 0.12228124E + 00 - 0.85891297E - 04 \\ -0.20189984E + 05 - 0.11627267E + 03 - 0.17286946E + 01 \\ -0.20189984E + 05 - 0.11627267E + 03 - 0.17286946E + 01 \\ -0.20189984E + 05 - 0.11627267E + 03 - 0.17286946E + 01 \\ -0.20189984E + 05 - 0.11627267E + 03 - 0.17286946E + 01 \\ -0.2018984E + 00 - 0.85891297E - 04 \\ -0.2018984E + 0.2018984E + 0.0018984E + 0.001884E + 0.001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.34097770E-07-0.63213857E-11-0.10871845E+05 0.44153362E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                                         c 10h 21o 0
                                                                                                                                                                                                                                                                                           G 0300.00 5000.00 1000.00
Cc10h21
                                                                           THERGAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1
       2
 -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ 0.12973601E + 00 - 0.10264371E - 03 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 00 - 0.10264371E - 03 \\ -0.20230212E + 0.2023021E + 0.0026422E + 0.00262E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.49483184E-07-0.11413218E-10-0.10769443E+05 0.48544094E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                                                                                                                                                                                     G 0300.00 5000.00 1000.00
                                                                                                                                             c 10h 21o 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
Dc10h21
                                                                              THERGAS
       0.28943338E + 02 \quad 0.44864088E - 01 - 0.13227064E - 04 \quad 0.19083009E - 08 - 0.10981151E - 12 - 0.10981151E - 0.1098
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 03 - 0.27808838E + 01 \quad 0.12973601E + 00 - 0.10264371E - 0.00264371E - 0.0026471E - 0.002671E - 0.002671
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.49483184E - 07 - 0.11413218E - 10 - 0.10769443E + 05 \quad 0.48544094E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
Ec10h21
                                                                           THERGAS c 10h 21o 0
                                                                                                                                                                                                                                                                                                       G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
      2.
 -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ 0.12973601E + 00 - 0.10264371E - 03 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 05 - 0.11740305E + 03 - 0.27808838E + 01 \\ -0.20230213E + 0.20230214E + 0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
       0.49483184E-07-0.11413218E-10-0.10769443E+05 0.48544094E+02
 c10h20-1
                                                                               THERGAS
                                                                                                                                                             c 10h 20o 0
                                                                                                                                                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
       0.26515614E + 02 \quad 0.47401935E - 01 - 0.15234082E - 04 \quad 0.23388456E - 08 - 0.14053335E - 12 - 0.06515614E + 0.0651614E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 3
       0.11698986E-07 0.10131204E-11-0.19073770E+05 0.41762913E+02
                                                                                                                                                             c 10h 20o
c10h20-2
                                                                               THERGAS
                                                                                                                                                                                                                                                           0
                                                                                                                                                                                                                                                                                                           G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
       -0.29210492E + 05 - 0.10535822E + 03 - 0.36696702E + 00 \\ 0.10725550E + 00 - 0.57794907E - 04 \\ -0.29210492E + 05 - 0.10535822E + 03 - 0.36696702E + 00 \\ -0.29210492E + 05 - 0.10535822E + 03 - 0.36696702E + 00 \\ -0.29210492E + 05 - 0.10535822E + 03 - 0.36696702E + 00 \\ -0.29210492E + 00 - 0.57794907E - 04 \\ -0.29210492E + 0.000762E 
       0.11021086E-07 0.58397276E-12-0.20586807E+05 0.37082981E+02
c10h20-3
                                                                                 THERGAS
                                                                                                                                                                c 10h 20o
                                                                                                                                                                                                                                                              Ω
                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
       0.26262880E+02 0.47570981E-01-0.15266503E-04 0.23390054E-08-0.14021380E-12
 -0.29251621 \pm +05 -0.10548400 \pm +03 -0.11908791 \pm +01 -0.10897692 \pm +00 -0.55881195 \pm -04
      0.58401444E-08 0.29915332E-11-0.20464236E+05 0.41111275E+02
                                                                                                                                                c 10h 20o
                                                                                                                                                                                                                                                                                                            G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
c10h20-4
                                                                                THERGAS
                                                                                                                                                                                                                                                           Ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1
       0.26199657E+02 0.47684114E-01-0.15333340E-04 0.23549069E-08-0.14152728E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 3
       0.13090480E-07 0.42662071E-12-0.20417543E+05 0.42959148E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                              THERGAS c 10h 20o 0 G 0300.00 5000.00 1000.00
c10h20-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1
       0.26199657E + 02 \quad 0.47684114E - 01 - 0.15333340E - 04 \quad 0.23549069E - 08 - 0.14152728E - 12 - 0.14152728E - 0.141528E - 0.141528E - 0.141528E -
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-0.29225643E+05-0.10582301E+03-0.16272063E+01 0.11200285E+00-0.63147709E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.13090480E-07 0.42662071E-12-0.20417543E+05 0.42266064E+02
                                                                                                                                                                     c 10h 19o
                                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
Cc10h19-1
                                                                                                                                                                                                                                                            Ω
                                                                                                                                                                                                                                                                                                           G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
       0.27494865E+02 0.42540282E-01-0.12722077E-04 0.18528156E-08-0.10723009E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
-0.12163602E + 05 - 0.11125929E + 03 - 0.97876167E + 00 \\ 0.11027271E + 00 - 0.68294255E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.20409267 \\ E-07-0.23581406 \\ E-11-0.32210605 \\ E+04 \quad 0.39860458 \\ E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
Dc10h19-2
                                                                                                                                                                     c 10h 19o 0
                                                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
      \tt 0.27246592E+02 \ 0.42557411E-01-0.12674682E-04 \ 0.18378599E-08-0.10590410E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.14013533E + 05 - 0.11052481E + 03 \quad 0.11272774E + 00 \quad 0.10540497E + 00 - 0.63813015E - 04 \\ -0.14013533E + 05 - 0.11052481E + 03 \quad 0.11272774E + 00 \\ -0.14013533E + 05 - 0.11052481E + 03 \\ -0.1401353E + 0.100540497E + 0.0006481E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.20245102E-07-0.30956839E-11-0.52611914E+04 0.34242584E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                                                    c 10h 19o 0 G 0300.00 5000.00 1000.00
Ec10h19-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
      0.27142550E + 02 \quad 0.42816136E - 01 - 0.12813034E - 04 \quad 0.18672164E - 08 - 0.10812222E - 12813084E - 010812222E - 128120818081808 - 010812222E - 12812081808 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 0108122224 - 010812224 - 010812224 - 010812224 - 010812224 - 010812224 - 01081224 - 01081224 - 01081224 - 01081224 - 01081224 - 01081224 - 01081224 - 01081224 - 01081224 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124 - 0108124
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-0.14015018E + 05 - 0.11016758E + 03 - 0.96688104E + 00 \\ 0.10893556E + 00 - 0.66286950E - 04 \\ 0.1089356E + 0.06286950E - 04 \\ 0.1089356E + 0.06286950E - 04 \\ 0.1089356E + 0.06286950E - 04 \\ 0.108936E + 0.06286950E - 04 \\ 0.10896E + 0.06286950E - 04 \\ 0.0886E + 0.06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.19467313E-07-0.22515624E-11-0.51119956E+04 \ 0.39292183E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
Fc10h19-4
                                                                                                                                                                     c 10h 19o 0
                                                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
       0.27136860E+02 0.42826567E-01-0.12819281E-04 0.18687154E-08-0.10824710E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -0.14012416E+05-0.11014788E+03-0.10908816E+01 0.10980077E+00-0.68367524E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.21543581E-07-0.29860483E-11-0.50988540E+04 0.39803535E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
c10h21qjA THERGAS
                                                                                                                                                                   c 10h 21o
                                                                                                                                                                                                                                                              2
                                                                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
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       0.31979937E+02 0.48082475E-01-0.14451008E-04 0.21138327E-08-0.12279458E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ 0.12806146E + 00 - 0.78668651E - 04 \\ -0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ -0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ -0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ -0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ -0.37202098E + 05 - 0.12880710E + 03 - 0.67617643E + 00 \\ -0.37202098E + 0.000098E +
      0.18633862E-07 0.23138688E-12-0.27330441E+05 0.43307957E+02
c10h21qjB THERGAS
                                                                                                                                                                    c 10h 21o
                                                                                                                                                                                                                                                                2.
                                                                                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
       0.55662285E + 02 0.14006129E - 01 - 0.21194189E - 05 0.18302942E - 09 - 0.73446845E - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.49763348E + 05 - 0.26397473E + 03 \quad 0.10483366E + 01 \quad 0.11973352E + 00 - 0.63358231E - 04 \quad 0.00483366E + 00 \quad 0.0048366E + 00 \quad 0.00483366E + 00 \quad 0.0048366E + 00 \quad 0.00483366E + 00 \quad 0.0048366E + 00 \quad 0.004866E + 0.00466E + 0.0046
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      0.10361060E-07-0.65690285E-13-0.30132996E+05 0.34798996E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
c10h21qjC THERGAS
                                                                                                                                                                c 10h 21o
                                                                                                                                                                                                                                                             2
                                                                                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
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      0.55662285E+02 0.14006129E-01-0.21194189E-05 0.18302942E-09-0.73446845E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
3
      0.91439301E-08 0.36260800E-12-0.29869270E+05 0.34481541E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                                                                                                                                                                                                                                                                      G 0300.00
c10h21qjD THERGAS
                                                                                                                                                              c 10h 21o 2
                                                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
      0.55662285E + 02 \quad 0.14006129E - 01 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E - 05 \quad 0.18302942E - 09 - 0.73446845E - 14 - 0.21194189E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
3
      0.96174348E-08 0.19740985E-12-0.29865979E+05 0.34609295E+02
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c10h21qjE THERGAS
      0.55662285{\pm}+02 \quad 0.14006129{\pm}-01-0.21194189{\pm}-05 \quad 0.18302942{\pm}-09-0.73446845{\pm}-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.49491688E + 05 - 0.26397699E + 03 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.11942415E + 00 - 0.62613639E - 04 \quad 0.10927527E + 01 \quad 0.10927527E + 0.00927527E + 0.00927527E + 0.00927527E + 0.00927E + 0.00927527E + 0.00927E + 0.00927527E + 
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      0.96174348E-08 0.19740985E-12-0.29865979E+05 0.34609100E+02
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      0.30759600E + 02 \ 0.52910622E - 01 - 0.16905233E - 04 \ 0.25869924E - 08 - 0.15522466E - 12
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      0.14357664E-07 0.13862720E-11-0.45264039E+05 0.40066643E+02
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       0.55909317E + 02 \quad 0.15878398E - 01 - 0.27236485E - 05 \quad 0.26331784E - 09 - 0.11622039E - 13 \\ 0.55909317E + 02 \quad 0.15878398E - 01 - 0.27236485E - 05 \quad 0.26331784E - 09 - 0.11622039E - 13 \\ 0.55909317E + 02 \quad 0.15878398E - 01 - 0.27236485E - 05 \quad 0.26331784E - 09 - 0.11622039E - 13 \\ 0.55909317E + 02 \quad 0.15878398E - 01 - 0.27236485E - 05 \quad 0.26331784E - 09 - 0.11622039E - 13 \\ 0.55909317E + 0.26331784E - 0.1642039E - 0.1642009E - 0.164209E - 0
-0.67567781E + 05 - 0.26364542E + 03 \quad 0.20793314E + 01 \quad 0.11791994E + 00 - 0.57612586E - 04 \quad 0.11791994E + 0.00006E + 0.00006E + 0.0006E + 0.0006
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      0.56883578E-08 0.12370924E-11-0.48068262E+05 0.31481358E+02
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       0.55909317E+02 0.15878398E-01-0.27236485E-05 0.26331784E-09-0.11622039E-13
-0.67296039E + 05 - 0.26364542E + 03 \quad 0.20793314E + 01 \quad 0.11791994E + 00 - 0.57612586E - 04 \quad 0.11791994E + 0.017612586E - 
      0.56883578E-08 0.12370924E-11-0.47796516E+05 0.31481358E+02
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      0.56883578E-08 0.12370924E-11-0.47796516E+05 0.31481358E+02
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       0.28651182E + 02 \quad 0.49429536E - 01 - 0.15154921E - 04 \quad 0.22542157E - 08 - 0.13276552E - 12 \\ 0.28651182E + 02 \quad 0.49429536E - 01 - 0.15154921E - 04 \quad 0.22542157E - 08 - 0.13276552E - 12 \\ 0.28651182E + 02 \quad 0.49429536E - 01 - 0.15154921E - 04 \quad 0.22542157E - 08 - 0.13276552E - 12 \\ 0.28651182E + 02 \quad 0.49429536E - 01 - 0.15154921E - 04 \quad 0.22542157E - 08 - 0.13276552E - 12 \\ 0.28651182E + 0.102612E - 0.1026
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-0.35959629E + 05 - 0.11404288E + 03 - 0.20700538E + 01 \\ 0.12389826E + 00 - 0.74274110E - 04 \\ -0.35959629E + 05 - 0.11404288E + 03 - 0.20700538E + 01 \\ -0.35959629E + 05 - 0.11404288E + 03 - 0.20700538E + 01 \\ -0.35959629E + 05 - 0.11404288E + 03 - 0.20700538E + 01 \\ -0.35959629E + 05 - 0.11404288E + 03 - 0.20700538E + 01 \\ -0.35959629E + 05 - 0.20700538E + 01 \\ -0.35959629E + 00 - 0.00700538E + 01 \\ -0.35959629E + 00 - 0.00700538E + 01 \\ -0.35959629E + 00 - 0.00700538E + 00 \\ -0.35959629E + 00 - 0.00700538E + 00 \\ -0.35959629E + 00 - 0.00700538E + 00 \\ -0.35969629E + 0.00700538E + 0.0070058E + 0.007005
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0.17223737E-07 0.25091108E-12-0.26585469E+05 0.48176998E+02
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      0.52828289E+02 0.14390012E-01-0.22319848E-05 0.19535100E-09-0.78412339E-14
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-0.47644188E + 05 - 0.25191972E + 03 - 0.40917990E + 00 \\ 0.11602409E + 00 - 0.60079601E - 04 - 0.00079601E - 0.
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     0.10084306 \\ E-07-0.45193214 \\ E-12-0.28324639 \\ E+05 \quad 0.39936134 \\ E+02
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c10h21ojC
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-0.47372586E + 05 - 0.25192172E + 03 - 0.33452478E + 00 \\ 0.11550931E + 00 - 0.58850961E - 04 \\ 0.11550931E + 00 - 0.58850961E - 00 - 0.58850961E - 00 \\ 0.11550931E + 00 - 0.58850961E - 
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     0.88655270E - 08 - 0.23054658E - 13 - 0.28060924E + 05 0.39617931E + 02
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-0.47372555E + 05 - 0.25192224E + 03 - 0.34959322E + 00 \\ 0.11561166E + 00 - 0.59092152E - 04 \\ 0.11561166E + 00 - 0.59092152E - 00 \\ 0.11561166E + 00 - 0.59092152E - 0.590922E - 0.59092152E - 0.590922E - 0.590922E - 0.590922E - 0.590922E - 0.590922E - 0.59092E - 0.590922E - 0.59092E
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     0.91022798E-08-0.10565389E-12-0.28059279E+05 0.39681480E+02
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     0.91022798E - 08 - 0.10565389E - 12 - 0.28059279E + 05 0.39681259E + 02
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 -0.31477102E+05-0.10461922E+03 0.59737861E+00 0.12767155E+00-0.83085994E-04
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     0.20811832E-07 0.10803475E-11-0.23732975E+05 0.39720745E+02
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-0.29616828E + 05 - 0.10470323E + 03 0.41093189E + 00 0.12898803E + 00 - 0.86015396E - 04
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     0.23540006E-07 0.16516874E-12-0.21853074E+05 0.40502056E+02
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c10h20rCqA
     0.28475998E+02 0.52570734E-01-0.16276803E-04 0.24312972E-08-0.14324433E-12
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-0.29616828E + 05 - 0.10470323E + 03 \quad 0.41093189E + 00 \quad 0.12898803E + 00 - 0.86015396E - 04 \quad 0.12898803E + 00 - 0.86015396E - 0.00000E - 0.00000E - 0.00000E - 0.00000E - 0.0000E - 0.000
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     0.23540006E-07 0.16516874E-12-0.21853074E+05 0.40502056E+02
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-0.29616828E + 05 - 0.10470323E + 03 \quad 0.41093189E + 00 \quad 0.12898803E + 00 - 0.86015396E - 04 \quad 0.12898803E + 00 - 0.86015396E - 0.00000E - 0.00000E - 0.00000E - 0.0000E - 0.0000
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     0.23540006E-07 0.16516874E-12-0.21853074E+05 0.40502056E+02
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     0.23540006E-07 0.16516874E-12-0.21853074E+05 0.40502056E+02
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-0.29584795E + 05 - 0.10425859E + 03 \quad 0.32975930E + 00 \quad 0.12953936E + 00 - 0.87311826E - 04 \\ -0.29584795E + 05 - 0.10425859E + 03 \quad 0.32975930E + 00 \quad 0.12953936E + 00 \\ -0.87311826E - 04 \quad 0.12953936E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.12953936E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 04 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 0.4 \quad 0.32975930E + 00 \quad 0.32975930E + 00 \\ -0.87311826E - 0.4 \quad 0.3297592E + 0.0 \\ -0.87311826E - 0.4 \quad 0.3297592E + 0.0 \\ -0.87311826E - 0.0 \quad 0.3297592E + 0.0 \\ -0.87311826E - 0.0 \quad 0.0006E + 0.0 \\ -0.8731182E + 0.0006E + 0.0006E + 0.0 \\ -0.8731182E + 0.0006E + 0.0006
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     0.24808161E-07-0.27540847E-12-0.21844221E+05 0.40847473E+02
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      0.28396265E+02 0.52712884E-01-0.16360435E-04 0.24511029E-08-0.14487271E-12
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     0.24808161E-07-0.27540847E-12-0.21844221E+05 0.40847473E+02
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     0.24808161E-07-0.27540847E-12-0.21844221E+05 0.40847473E+02
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     0.28212860E+02 0.53080518E-01-0.16516071E-04 0.24766538E-08-0.14635405E-12
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-0.29560547E + 05 - 0.10334534E + 03 \quad 0.12003565E + 01 \quad 0.12336151E + 00 - 0.73666262E - 04 \\ -0.29560547E + 0.10334534E + 0.10334534E + 0.10334534E + 0.10334534E + 0.10334534E \\ -0.29560547E + 0.10334534E + 0.10334534E + 0.10334534E + 0.10334534E \\ -0.29560547E + 0.10334534E + 0.10334534E + 0.10334534E \\ -0.29560547E + 0.10334534E + 0.10334534E + 0.10334534E \\ -0.29560547E + 0.10334534E + 0.10334544E \\ -0.29560547E + 0.10334534E + 0.10334544E \\ -0.29560547E + 0.10334544E + 0.1033454E \\ -0.29560547E + 0.10334544E + 0.1033454E \\ -0.29560547E + 0.10334544E + 0.1033454E \\ -0.29560547E + 0.1033454E + 0.103444E + 0.103444E \\ -0.29560547E + 0.103444E + 0.103444E + 0.103444E + 0.103444E \\ -0.29560547E + 0.103444E + 0.103444E + 0.103444E + 0.103444E + 0.103444E + 0.10344E + 0.103444E + 
     0.12558383E-07 0.36963588E-11-0.21927449E+05 0.37223286E+02
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-0.28681256E+05-0.10687256E+03 0.68095303E+00 0.12615962E+00-0.76598983E-04
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     0.13381992E-07 0.37552444E-11-0.20765777E+05 0.39391712E+02
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c10h20rAqB
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     0.28925842E + 02 \quad 0.52648898E - 01 - 0.16397245E - 04 \quad 0.24593363E - 08 - 0.14528865E - 1288865E - 1288665E - 1288865E - 1288865E - 1288865E - 1288665E - 1288665
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-0.31435486E + 05 - 0.10780446E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \quad 0.99480771E - 01 - 0.99480771E - 0.99
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-0.50670540E-07 0.25822594E-10-0.24155092E+05 0.20979315E+02
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c10h20rBqB
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        0.27894627E + 02 \ 0.53328440E - 01 - 0.16618515E - 04 \ 0.24982107E - 08 - 0.14806701E - 128482107E - 018482107E - 0184
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 -0.45867335E-07 0.23818609E-10-0.27842705E+05 0.18286259E+02
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         0.28498562E+02 0.52798327E-01-0.16423372E-04 0.24641498E-08-0.14577700E-12
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 -0.31983961E + 05 - 0.10513826E + 03 \quad 0.47969203E + 01 \quad 0.10043297E + 00 - 0.16742717E - 04 - 0.10043297E + 00 - 0.16742717E - 04 - 0.10043297E + 00 - 0.10043297E + 0.00043297E + 0.0004297E + 0.00043297E + 0.00043297E + 0.0004297E + 0.0004297E
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 -0.31983961E + 05 - 0.10513826E + 03 \quad 0.47969203E + 01 \quad 0.10043297E + 00 - 0.16742717E - 04 \quad 0.10043297E + 00 - 0.16742717E - 0.10043297E + 0.1004297E 
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 -0.31983961E + 05 - 0.10513826E + 03 \quad 0.47969203E + 01 \quad 0.10043297E + 00 - 0.16742717E - 04 \quad 0.10043297E + 00 - 0.16742717E - 0.10043297E + 0.1004297E 
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         0.28441055E+02 0.52897103E-01-0.16479386E-04 0.24769908E-08-0.14680398E-12
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 -0.31960016E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31960016E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31960016E + 0.10481537E + 0.1048152E + 0.104812E + 0.1048152E + 0.104812E + 0.104812E + 0.104812E + 0.104812E + 0.104812E + 0.
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        0.28266088E + 02 \ 0.53252280E - 01 - 0.16629039E - 04 \ 0.25013531E - 08 - 0.14820172E - 12 - 0.14820172E - 0.14
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 -0.31939924E + 05 - 0.10395113E + 03 \quad 0.56969180E + 01 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E -
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 -0.31088889\mathtt{E} + 05 - 0.10788091\mathtt{E} + 03 \quad 0.47963285\mathtt{E} + 01 \quad 0.99480771\mathtt{E} - 01 - 0.11831018\mathtt{E} - 04
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 -0.50670540 \\ \text{E} - 07 \quad 0.25822594 \\ \text{E} - 10 - 0.23802830 \\ \text{E} + 05 \quad 0.20979315 \\ \text{E} + 02
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 -0.30817148E + 05 - 0.10788091E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \\ -0.30817148E + 05 - 0.10788091E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \\ -0.30817148E + 0.00818018E - 0.0
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        -0.31668184E + 05 - 0.10395113E + 03 \quad 0.56969180E + 01 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E -
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        0.28143341E + 02 \quad 0.52844342E - 01 - 0.16394230E - 04 \quad 0.24563451E - 08 - 0.14523890E - 12 - 0.06394230E - 0.06394250E - 0.0639420E - 0.0659420E - 0.0659420E - 0.0659420
 -0.34397582E + 05 - 0.10340305E + 03 \quad 0.44792609E + 01 \quad 0.10363200E + 00 - 0.26854481E - 04 \quad 0.10363200E + 00 - 0.26854481E - 0.10363200E + 0.1036420E + 0.1036
 -0.34318525E-07 0.20085766E-10-0.27493064E+05 0.21705643E+02
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        0.28498562E + 02 \quad 0.52798327E - 01 - 0.16423372E - 04 \quad 0.24641498E - 08 - 0.14577700E - 12 - 0.1457700E - 12 - 0.14577700E - 0.14577700E - 0.14577700E - 0.1457770E - 0.1457700E - 0.1457770E - 0.145770E - 0.145770E - 0.145770E - 0.145770E
 -0.31712221 \pm +05 -0.10513826 \pm +03 \quad 0.47969203 \pm +01 \quad 0.10043297 \pm +00 -0.16742717 \pm -04
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 0.00481537E + 0.00481537E + 0.00481537E + 0.00481540 \\ -0.31688275E + 0.00481537E + 0.00481540 \\ -0.31688275E + 0.00481540 \\ -0.31688
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         0.28143341E + 02 \quad 0.52844342E - 01 - 0.16394230E - 04 \quad 0.24563451E - 08 - 0.14523890E - 12 \\ 0.28143341E + 02 \quad 0.52844342E - 01 - 0.16394230E - 04 \\ 0.28163451E - 08 - 0.14523890E - 12 \\ 0.28163451E - 0.14523890E - 12 \\ 0.2816451E - 0.1452890E - 0.1452890E
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 -0.34397582E + 05 - 0.10340305E + 03 \quad 0.44792609E + 01 \quad 0.10363200E + 00 - 0.26854481E - 04 \quad 0.10363200E + 00 - 0.26854481E - 0.10363200E + 0.1036420E + 0.1036
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 -0.34318525E-07 0.20085766E-10-0.27493064E+05 0.21705643E+02
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 -0.31712221E+05-0.10513826E+03 0.47969203E+01 0.10043297E+00-0.16742717E-04
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 -0.45006665 \mathtt{E} - 07 \ 0.23822253 \mathtt{E} - 10 - 0.24647355 \mathtt{E} + 05 \ 0.20943521 \mathtt{E} + 02
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 c10h20rFqD
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         0.28441055E+02 \quad 0.52897103E-01-0.16479386E-04 \quad 0.24769908E-08-0.14680398E-12
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \quad 0.18562074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.1856200
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 -0.43157694E-07 0.23158048E-10-0.24636418E+05 0.21383787E+02
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \quad 0.10117456E + 00 - 0.18562074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.1856200
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         0.28441055E + 02 \quad 0.52897103E - 01 - 0.16479386E - 04 \quad 0.24769908E - 08 - 0.14680398E - 12 - 0.06479386E - 01 - 0.06479986E - 01 - 0.06479986E - 0.06479998E - 0.06479998
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \quad 0.10117456E + 00 - 0.18562074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.1856200
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         0.28266088E + 02 \quad 0.53252280E - 01 - 0.16629039E - 04 \quad 0.25013531E - 08 - 0.14820172E - 12820172E 
 -0.31668184E + 05 - 0.10395113E + 03 \quad 0.56969180E + 01 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E -
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 -0.57827471E-07 0.28004765E-10-0.24733574E+05 0.17196367E+02
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         0.28939465E + 02 \quad 0.52625559E - 01 - 0.16383952E - 04 \quad 0.24562672E - 08 - 0.14504126E - 12604126E 
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 -0.30817148E + 05 - 0.10788091E + 03 0.47963285E + 01 0.99480771E - 01 - 0.11831018E - 04
 -0.50670540E-07 0.25822594E-10-0.23531090E+05 0.20979315E+02
c10h20rAqE
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         0.28939465E + 02 \quad 0.52625559E - 01 - 0.16383952E - 04 \quad 0.24562672E - 08 - 0.14504126E - 12 - 0.14504126E - 0.14
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 -0.30817148E + 05 - 0.10788091E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \quad 0.99480771E - 01 - 0.99480771E - 0
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 -0.50670540E-07 0.25822594E-10-0.23531090E+05 0.20979315E+02
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           \texttt{0.28266088E+02} \ \ \texttt{0.53252280E-01-0.16629039E-04} \ \ \texttt{0.25013531E-08-0.14820172E-12} 
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-0.31668184E+05-0.10395113E+03 0.56969180E+01 0.94039954E-01-0.25520264E-05
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 -0.57827471E-07 0.28004765E-10-0.24733574E+05 0.17196367E+02
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 0.00481537E + 0.0048152E + 0.004812E + 0.0048152E + 0.004812E + 0.004812E + 0.004812E + 0.004812E 
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 -0.43157694E-07 0.23158048E-10-0.24636418E+05 0.21383787E+02
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \quad 0.10117456E + 00 - 0.18562074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.1856200
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         0.28143341E + 02 \quad 0.52844342E - 01 - 0.16394230E - 04 \quad 0.24563451E - 08 - 0.14523890E - 12 \\ 0.28143341E + 0.29164342E - 01 - 0.16394230E - 04 \\ 0.28143341E + 0.29164342E - 0.19164342E - 0.1916442E - 0.19164442E - 0.1916442E - 0.1
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 -0.34397582E + 05 - 0.10340305E + 03 \quad 0.44792609E + 01 \quad 0.10363200E + 00 - 0.26854481E - 04 \quad 0.10363200E + 00 - 0.26854481E - 0.10363200E + 0.1036420E + 0.1036
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 -0.34318525E-07 0.20085766E-10-0.27493064E+05 0.21705643E+02
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \quad 0.10117456E + 00 - 0.18562074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.185620074E - 0.1856200
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 -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 05 - 0.10481537E + 03 \quad 0.46923981E + 01 \quad 0.10117456E + 00 - 0.18562074E - 04 \\ -0.31688275E + 0.00481537E + 0.00481537E + 0.00481537E + 0.00481540 \\ -0.31688275E + 0.00481537E + 0.00481540 \\ -0.31688275E + 0.00481540 \\ -0.31688
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 -0.31688275 \pm +05 -0.10481537 \pm +03 \quad 0.46923981 \pm +01 \quad 0.10117456 \pm +00 -0.18562074 \pm -04
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        0.28266088E + 02 \quad 0.53252280E - 01 - 0.16629039E - 04 \quad 0.25013531E - 08 - 0.14820172E - 12 - 0.14820172E - 0.14
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 -0.31668184E + 05 - 0.10395113E + 03 \quad 0.56969180E + 01 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E - 05 \quad 0.94039954E - 01 - 0.25520264E -
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 -0.30817148E + 05 - 0.10788091E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \\ -0.30817148E + 05 - 0.10788091E + 03 \quad 0.47963285E + 01 \quad 0.99480771E - 01 - 0.11831018E - 04 \\ -0.30817148E + 0.00818E + 
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 -0.50670540E-07 0.25822594E-10-0.23531090E+05 0.20979315E+02
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        0.32985863E + 02 \quad 0.52628201E - 01 - 0.16060883E - 04 \quad 0.23757818E - 08 - 0.13911063E - 12 - 0.12911063E - 0.129110645E - 0.129110645E - 0.129110645E - 0.12911065E - 
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 -0.51208629E + 05 - 0.12698827E + 03 \quad 0.35473721E + 01 \quad 0.11093427E + 00 - 0.12473768E - 04 \quad 0.11093427E + 0.01094827E + 0.01094827
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 -0.61542849E-07 0.31420380E-10-0.42451121E+05 0.29682318E+02
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        0.33080109E + 02 \ 0.53594299E - 01 - 0.16585949E - 04 \ 0.24755595E - 08 - 0.14571772E - 12 - 0.14571772E - 0.1457172E -
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 -0.49324937E+05-0.12595253E+03 \quad 0.64180241E+01 \quad 0.10211526E+00-0.83287296E-06
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 -0.67808507E-07 0.32621170E-10-0.41156719E+05 0.17061419E+02
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 -0.49324937E + 05 - 0.12595273E + 03 \quad 0.64180241E + 01 \quad 0.10211526E + 00 - 0.83287296E - 06 \quad 0.064180241E + 01 \quad 0.064180241E + 0.064180
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 -0.67808507E-07 0.32621170E-10-0.41156715E+05 0.17061211E+02
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 -0.49324937E+05-0.12595282E+03 0.64180241E+01 0.10211526E+00-0.83287296E-06
 -0.67808507E-07 0.32621170E-10-0.41156715E+05 0.17061127E+02
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 -0.67808507E-07 0.32621170E-10-0.41156715E+05 0.17754217E+02
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 -0.49324937E+05-0.12525961E+03 0.64180241E+01 0.10211526E+00-0.83287296E-06
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-0.67808507E-07 0.32621170E-10-0.41156719E+05 0.17754601E+02
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-0.49324992E + 05 - 0.12525893E + 03 \quad 0.64481611E + 01 \quad 0.10191055E + 00 - 0.35049706E - 06 \quad 0.00191055E + 00 - 0.0019105E + 00 - 0.0019105E + 00 - 0.0019105E + 0.00191
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-0.68282013E-07 0.32786367E-10-0.41160012E+05 0.17626896E+02
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-0.67064882E-07 0.32358068E-10-0.41423734E+05 0.17944387E+02
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    0.32915627E + 02 \quad 0.53615347E - 01 - 0.16582930E - 04 \quad 0.24762110E - 08 - 0.14591048E - 12 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.066829100 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.06682910 - 0.0668200 - 0.0668200 - 0.0668200 - 0.0668200 - 0.
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    0.32973026E + 02 \quad 0.53784959E - 01 - 0.16697939E - 04 \quad 0.25020401E - 08 - 0.14789249E - 12 - 0.14789249E - 0.1478929E - 0.14789249E - 0.14789
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-0.65673191E-07 0.31861014E-10-0.41143437E+05 0.17590801E+02
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   0.30388306E + 02 \ 0.58260169E - 01 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 04 \ 0.28798666E - 08 - 0.17334711E - 12 - 0.18733263E - 0.18733265E - 0.1873265E - 0.187265E - 0.187265E - 0.187265E - 0.187265E - 0
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-0.70692039E-07 0.35231474E-10-0.44560867E+05 0.27087095E+02
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   0.30515071E-07 0.18942989E-12-0.43008395E+05 0.44972561E+02
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-0.52524566E+05-0.13525214E+03-0.35101023E+0.1490370200E+00-0.10659422E-03
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-0.52796277E + 05 - 0.13524973E + 03 - 0.36819410E + 0.1491463300E + 00 - 0.10683233E - 0384400E + 0.1491463300E + 0.0000E +
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-0.49596859E+05-0.12526080E+03 0.65229182E+01 0.10139508E+00 0.87981141E-06
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-0.69502441E-07 0.33215826E-10-0.41439785E+05 0.17308374E+02
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-0.52524539E + 05 - 0.13524974E + 03 - 0.36819410E + 0.1491463300E + 00 - 0.10683233E - 0384400 + 0.1491463300E + 0.149146330E + 0.14914633E + 0.14914633E + 0.149146E + 0.14914E + 0.14914
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    0.30729982E-07 \ 0.12051423E-12-0.43006418E+05 \ 0.45048908E+02
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     0.30500807E+02 0.58060363E-01-0.18616103E-04 0.28521925E-08-0.17107585E-12
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-0.52497586E+05-0.11562662E+03 0.38273966E+01 0.10817302E+00-0.27106962E-05
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-0.72385973E-07 0.35826130E-10-0.44572203E+05 0.26641506E+02
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     0.30729982E-07 0.12051423E-12-0.43006418E+05 0.45741989E+02
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-0.49325117E+05-0.12595386E+03 0.65229182E+01 0.10139508E+00 0.87981141E-06
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-0.69502441E-07 0.33215826E-10-0.41168047E+05 0.16615330E+02
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-0.67808507 \\ E-07 \quad 0.32621170 \\ E-10-0.41156711 \\ E+05 \quad 0.17061066 \\ E+02
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     0.34605728E + 02 \quad 0.51931810E - 01 - 0.15951700E - 04 \quad 0.23693092E - 08 - 0.13905114E - 12 - 0.13905114E - 0.13905
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-0.52524539E + 05 - 0.13524974E + 03 - 0.36819410E + \ 0.1491463300E + 00 - 0.10683233E - 0364234E + 03 - 0.36819410E + 0.1491463300E + 00 - 0.10683233E - 036819410E + 0.1491463300E + 0.0000E + 0.000E + 0.0000E + 0
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      \texttt{0.30729982E-07} \ \ \texttt{0.12051423E-12-0.43006418E+05} \ \ \texttt{0.45048908E+02} 
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     0.34605728E + 02 \quad 0.51931810E - 01 - 0.15951700E - 04 \quad 0.23693092E - 08 - 0.13905114E - 12 - 0.13905114E - 0.13905
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-0.52252824E + 05 - 0.13525119E + 03 - 0.35101023E + 0.1490370200E + 00 - 0.10659422E - 0312000E + 00 - 0.10659422E - 0312000E + 00 - 0.10659422E - 0312000E + 00 - 0.10659422E - 0.00659422E - 0.0065942E - 0.006594
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     0.30515071E-07 0.18942989E-12-0.42736656E+05 0.44973419E+02
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     0.30500807E+02 0.58060363E-01-0.18616103E-04 0.28521925E-08-0.17107585E-12
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-0.52497535E + 05 - 0.11562663E + 03 \quad 0.37972596E + 01 \quad 0.10837772E + 00 - 0.31930722E - 05 \quad 0.37972596E + 01 \quad 0.37972596E + 0.000726E + 0.000726
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-0.71912467E-07 0.35660933E-10-0.44568910E+05 0.26769621E+02
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     0.34605728E + 02 \quad 0.51931810E - 01 - 0.15951700E - 04 \quad 0.23693092E - 08 - 0.13905114E - 12 - 0.13905114E - 0
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-0.52252824E+05-0.13455893E+03-0.35101023E+0.1490370200E+00-0.10659422E-03
     0.30515071E-07 0.18942989E-12-0.42736656E+05 0.45665680E+02
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     0.30515071E-07 0.18942989E-12-0.42736656E+05 0.45665958E+02
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c10h20qjHqD
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    0.30515071E-07 0.18942989E-12-0.42736656E+05 0.45666504E+02
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-0.52524539E + 05 - 0.13455666E + 03 - 0.36819410E + 0.1491463300E + 00 - 0.10683233E - 036819410E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.149146330E + 0.1491462E + 0.149146E +
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    0.30729982E-07 \quad 0.12051423E-12-0.43006418E+05 \quad 0.45741989E+02
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-0.49325117E + 05 - 0.12595378E + 03 \quad 0.65229182E + 01 \quad 0.10139508E + 00 \quad 0.87981141E - 06 \quad 0.87981141E - 0.8
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-0.69502441E-07 0.33215826E-10-0.41168047E+05 0.16615398E+02
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-0.49325117E + 05 - 0.12595355E + 03 \quad 0.65229182E + 01 \quad 0.10139508E + 00 \quad 0.87981141E - 06 \quad 0.87981141E - 0.8
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 -0.69502441E-07 0.33215826E-10-0.41168047E+05 0.16615629E+02
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 -0.52524539E+05-0.13524974E+03-0.36819410E+ 0.1491463300E+00-0.10683233E-03
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    0.30729982E-07 0.12051423E-12-0.43006418E+05 0.45048908E+02
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    0.30500807E+02 0.58060363E-01-0.18616103E-04 0.28521925E-08-0.17107585E-12
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-0.71912467E-07 0.35660933E-10-0.44568910E+05 0.26769545E+02
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-0.52252824E + 05 - 0.13455891E + 03 - 0.35101023E + 0.1490370200E + 00 - 0.10659422E - 0312000E + 00 - 0.10659422E - 0.00000E + 0.0000E + 0.000
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    0.30515071E-07 \ 0.18942989E-12-0.42736656E+05 \ 0.45665699E+02
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-0.52252824E + 05 - 0.13455811E + 03 - 0.35101023E + 0.1490370200E + 00 - 0.10659422E - 0312000E + 00 - 0.00000E + 00 - 0.0000E + 00 - 0.000E + 0
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    0.30515071E-07 0.18942989E-12-0.42736656E+05 0.45666504E+02
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c10h20ajIqE
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    0.34605728E+02 0.51931810E-01-0.15951700E-04 0.23693092E-08-0.13905114E-12
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-0.52524539E + 05 - 0.13455666E + 03 - 0.36819410E + 0.1491463300E + 00 - 0.10683233E - 036819410E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.1491463300E + 0.149146330E + 0.149146E +
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    0.30729982E-07 \quad 0.12051423E-12-0.43006418E+05 \quad 0.45741989E+02
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-0.49325117E + 05 - 0.12595369E + 03 \quad 0.65229182E + 01 \quad 0.10139508E + 00 \quad 0.87981141E - 06 \quad 0.87981141E - 0.8
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-0.69502441E-07 0.33215826E-10-0.41168047E+05 0.16615499E+02
c10h19oAqC
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    0.11590153E+02 0.83182037E-01-0.31728312E-04 0.54904468E-08-0.35812512E-12
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-0.58589375E+05-0.87954865E+01 0.11211485E+01 0.12964261E+00-0.83896506E-04
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    0.18760506E-07 0.24684259E-11-0.57844082E+05 0.38015377E+02
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c10h19oAqB
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    0.61428921E+02 0.73985080E-02-0.64650879E-06 0.13065672E-10 0.15063332E-14
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3
    0.34509009E-12 0.25391304E-11-0.57292062E+05 0.28297129E+02
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c10h19oAqD
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    0.11444750E+02 0.83441965E-01-0.31878910E-04 0.55256888E-08-0.36100173E-12
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-0.58531816E + 05 - 0.79862823E + 01 0.10217669E + 01 0.13032886E + 00 - 0.85535583E - 04
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    0.20385862E-07 0.18971864E-11-0.57833406E+05 0.38436638E+02
c10h19oAqE
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    0.11444750E+02 0.83441965E-01-0.31878910E-04 0.55256888E-08-0.36100173E-12
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-0.58531816E + 05 - 0.79862823E + 01 \quad 0.10217669E + 01 \quad 0.13032886E + 00 - 0.85535583E - 04 \\ -0.58531816E + 05 - 0.79862823E + 01 \quad 0.10217669E + 01 \quad 0.13032886E + 00 - 0.85535583E - 04 \\ -0.58531816E + 0.58531816E + 0.58531816E + 0.08531816E + 0.0
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    0.20385862E - 07 \quad 0.18971864E - 11 - 0.57833406E + 05 \quad 0.38436638E + 02
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c10h19oBqA
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    0.11548145E + 02 \quad 0.82428657E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 01 - 0.31227239E - 04 \quad 0.53784204E - 08 - 0.34969507E - 128667E - 0.0007E - 0
                                                                                                                                                                                                                                                                                                                                                                                               2
-0.59496086E + 05 - 0.85751190E + 01 \quad 0.19191738E + 01 \quad 0.12508427E + 00 - 0.79538993E - 04 \quad 0.12508427E + 0.000862E 
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    0.18348407E-07 0.18895786E-11-0.58781348E+05 0.34556576E+02
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-0.80033750E + 05 - 0.26068262E + 03 \quad 0.24955807E + 01 \quad 0.11607614E + 00 - 0.56793178E - 04 \quad 0.11607614E + 0.0167614E + 0
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    0.45560511E-08 0.18021726E-11-0.60708680E+05 0.32605965E+02
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c10h19oBqD
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    0.13109038E+02 0.80455363E-01-0.30342106E-04 0.52078173E-08-0.33769472E-12
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-0.62891242E+05-0.17908829E+02 0.78096157E+00 0.12965928E+00-0.84255262E-04
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    0.20250839E-07 0.15820366E-11-0.61338777E+05 0.39508900E+02
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c10h19oBaE
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    0.12932843E+02 0.80762722E-01-0.30512985E-04 0.52463913E-08-0.34075439E-12
-0.62821281E + 05 - 0.16926941E + 02 \quad 0.10310204E + 01 \quad 0.12791343E + 00 - 0.80031365E - 04 \\ -0.62821281E + 05 - 0.16926941E + 02 \quad 0.10310204E + 01 \quad 0.12791343E + 00 - 0.80031365E - 04 \\ -0.62821281E + 0.00031365E - 0.0003165E 
    0.16004151E-07 0.30955052E-11-0.61365379E+05 0.38451447E+02
c10h19oBqF
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    0.12932843E+02 0.80762722E-01-0.30512985E-04 0.52463913E-08-0.34075439E-12
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-0.62821281E + 05 - 0.16926941E + 02 \quad 0.10310204E + 01 \quad 0.12791343E + 00 - 0.80031365E - 04 \\ -0.62821281E + 0.00031365E - 0.00031365E - 0.00031365E - 0.00031365E - 0.00031365E \\ -0.62821281E + 0.00031365E - 0.0003165E - 0.00003165E - 0.00003165E - 0.0003165E - 0.00003165E - 0.0000
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    0.16004151E-07 0.30955052E-11-0.61365379E+05 0.38451447E+02
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c10h19oCaA
    0.42946296E+01 0.94707742E-01-0.37387028E-04 0.66281256E-08-0.43978027E-12
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-0.57242266E+05 \quad 0.32156876E+02 \quad 0.53745258E+00 \quad 0.13173097E+00-0.90370573E-04
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    0.25262342E-07 0.54501569E-12-0.59191039E+05 0.41121479E+02
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c10h19oCaB
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    0.37387495E + 01 \quad 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 01 - 0.38619233E - 04 \quad 0.68964798E - 08 - 0.45982337E - 12 \\ 0.96779443E - 0.08982337E - 0.0898232E - 0.0898232E - 0.089822E - 0.089822E - 0.08982E - 0.08982
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3
    0.25265606E-07 0.13928929E-11-0.60490449E+05 0.47383873E+02
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                                                                                                                  c 10h 20o
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c10h19oCaD
    0.38045306E+01 \quad 0.96669458E-01-0.38568694E-04 \quad 0.68873902E-08-0.45925487E-12
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3
    0.25094911E-07 0.14319886E-11-0.60493059E+05 0.47290333E+02
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c10h19oCaE
                                                                                                                  c 10h 20o
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    0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \\ 0.74644753E - 08 - 0.50120054E - 12 \\ 0.74644753E - 0.50120054E - 12 \\ 0.746476 - 0.50120054E - 12 \\ 0.7464
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-0.57804047E+05 \quad 0.54777817E+02 \quad 0.39614204E+00 \quad 0.13364057E+00-0.91203772E-04
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    0.22865132E-07 0.22531128E-11-0.61490523E+05 0.40849651E+02
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    0.22865132E-07 0.22531128E-11-0.61490523E+05 0.40849651E+02
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    0.14462896E+00 0.10236952E+00-0.41398976E-04 0.74644753E-08-0.50120054E-12
0.22865132E-07 0.22531128E-11-0.61490523E+05 0.40849651E+02
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c10h19oDaA
    0.42946296E+01 0.94707742E-01-0.37387028E-04 0.66281256E-08-0.43978027E-12
-0.57242273E+05 0.32156876E+02 0.53745258E+00 0.13173097E+00-0.90370573E-04
    0.25262342E-07 0.54501569E-12-0.59191043E+05 0.41121479E+02
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c10h19oDaB
    0.14462896E+00 0.10236952E+00-0.41398976E-04 0.74644753E-08-0.50120054E-12
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-0.58075793E+05 \ 0.54777817E+02 \ 0.39614204E+00 \ 0.13364057E+00-0.91203772E-04
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    0.22865132E-07 0.22531128E-11-0.61762266E+05 0.40849651E+02
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    0.39044983E+01 0.96493870E-01-0.38473790E-04 0.68666330E-08-0.45765345E-12
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0.25763836E-07 0.11961563E-11-0.60488449E+05 0.47469788E+02
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    0.36909566E+01 0.96866585E-01-0.38674560E-04 0.69104171E-08-0.46102179E-12
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    0.27868289E-07 0.45764933E-12-0.60474852E+05 0.48008976E+02
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c10h19oDqF
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    0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 0.0012064E - 0.0012064E -
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c10h19oDqG
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 -0.57804047E+05 0.54777817E+02 0.39614204E+00 0.13364057E+00-0.91203772E-04
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    0.22865132E-07 0.22531128E-11-0.61490523E+05 0.40849651E+02
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c10h19oEqA
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    0.42946296E+01 0.94707742E-01-0.37387028E-04 0.66281256E-08-0.43978027E-12
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 -0.57242273E+05 0.32156876E+02 0.53745258E+00 0.13173097E+00-0.90370573E-04
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    0.25262342E-07 0.54501569E-12-0.59191043E+05 0.41121479E+02
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c10h19oEqB
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    0.29445809E + 00 \quad 0.10210376E + 00 - 0.41245999E - 04 \quad 0.74289428E - 08 - 0.49832203E - 1286428E - 0.408428E -
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-0.58135543E+05 0.53942924E+02 0.47182038E+00 0.13311063E+00-0.89919937E-04
                                                                                                                                                                                                                                                                                                                                                  3
    0.21575469E-07 0.27115042E-11-0.61770289E+05 0.40529884E+02
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c10h19oEqC
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-0.57863805E+05 0.53942924E+02 0.47182038E+00 0.13311063E+00-0.89919937E-04
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    0.21575469E-07 0.27115042E-11-0.61498547E+05 0.40529884E+02
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c10h19oEaD
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    0.39044983E+01 0.96493870E-01-0.38473790E-04 0.68666330E-08-0.45765345E-12
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    0.25763836E-07 0.11961563E-11-0.60488449E+05 0.47469788E+02
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c10h19oEqF
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    \tt 0.36909566E+01 \ 0.96866585E-01-0.38674560E-04 \ 0.69104171E-08-0.46102179E-12
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    0.27868289E-07 0.45764933E-12-0.60474852E+05 0.48008976E+02
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c10h19oEqG
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    0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \\ 0.74644753E - 08 - 0.50120054E - 12 \\ 0.74644753E - 0.50120054E -
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    0.22865132E-07 \ 0.22531128E-11-0.61490523E+05 \ 0.40849651E+02
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c10h19oEqH
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    0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 00 \quad 0.10236952E + 00 - 0.41398976E - 04 \quad 0.74644753E - 08 - 0.50120054E - 12 \\ 0.14462896E + 0.0012064E - 0.0012064E -
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    0.22865132E-07 0.22531128E-11-0.61490523E+05 0.40849651E+02
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                                                                                                      c 10h 20o
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c10h19oEqI
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    0.14462896E+00 0.10236952E+00-0.41398976E-04 0.74644753E-08-0.50120054E-12
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    0.22865132E-07 0.22531128E-11-0.61762262E+05 0.40849651E+02
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c10h20o-AB
                                                                                                      c 10h 20o
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    0.58130234E+02 0.62915743E-02-0.55257777E-06 0.21835669E-10 0.70520582E-16
                                                                                                                                                                                                                                                                                                                                                  2
-0.55167484E+05-0.28563101E+03 0.63083464E+00 0.10598479E+00-0.42805263E-04
                                                                                                                                                                                                                                                                                                                                                  3
-0.19886175E-08 0.20604224E-11-0.33339930E+05 0.33148964E+02
c10h20o-BC
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    0.27038485E+02 0.52126370E-01-0.17470846E-04 0.27637379E-08-0.16955026E-12
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-0.44326773E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ 0.12326450E + 00 - 0.71355083E - 04 \\ -0.44326773E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44326773E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44326773E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44326773E + 00 - 0.71355083E - 04 \\ -0.44326775E + 0.000775E + 0.000775E + 0.00075E + 0.00
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    0.12118758E-07 0.23816222E-11-0.35594195E+05 0.43733467E+02
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c10h20o-CD
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-0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ 0.12326450E + 00 - 0.71355083E - 04 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.21507387E + 01 \\ -0.44055027E + 00 - 0.21507387E + 01 \\ -0.44055027E + 00 - 0.21507387E + 01 \\ -0.44055027E + 00 - 0.21507387E + 01 \\ -0.44055027E + 0.21507387E + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0.2150726 + 0
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    0.12118758E-07 0.23816222E-11-0.35322449E+05 0.43733467E+02
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c10h20o-DE
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     0.27038485E+02 0.52126370E-01-0.17470846E-04 0.27637379E-08-0.16955026E-12
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-0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ 0.12326450E + 00 - 0.71355083E - 04 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.10994640E + 03 - 0.21507387E + 01 \\ -0.44055027E + 0.000767E +
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     0.12118758E-07 0.23816222E-11-0.35322449E+05 0.43733467E+02
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c10h20o-EF
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-0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ 0.12326450E + 00 - 0.71355083E - 04 \\ -0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.11133257E + 03 - 0.21507387E + 01 \\ -0.44055027E + 05 - 0.11133257E + 00 - 0.21507387E + 01 \\ -0.44055027E + 0.015072E + 0
     0.12118758E-07 \ 0.23816222E-11-0.35322449E+05 \ 0.42347309E+02
                                                                                                                           c 10h 20o 1 G 0300.00
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c10h20o-AC
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-0.10486705E-07 0.25729473E-11-0.33880418E+05 0.34379387E+02
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                                                                                                                           c 10h 20o 1 G 0300.00 5000.00 1000.00
c10h20o-BD
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-0.52293938E + 02 \quad 0.19480184E + 00 - 0.94029499E - 04 \quad 0.19223844E - 07 - 0.14135998E - 11 - 0.14135998E - 0.1413598E - 0.14135998E - 0.1413598E - 0.141359898E - 0.1413598E - 0.1413598E - 0.141598E - 0.1413598E - 0.141
                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -0.15714042E+05 0.32645331E+03-0.72015400E+01 0.14354704E+00-0.10381097E-03
     0.31099074E-07 0.18769478E-11-0.35545469E+05 0.66330521E+02
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c10h20o-CE
                                                                                                                            c 10h 20o 1 G 0300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                            1
-0.52293938E + 02 \quad 0.19480184E + 00 - 0.94029499E - 04 \quad 0.19223844E - 07 - 0.14135998E - 11 - 0.14135998E - 0.1413598E - 0.141598E - 0.141598E - 0.141598
                                                                                                                                                                                                                                                                                                                                                                                                                            2
0.31099074E-07 0.18769478E-11-0.35273727E+05 0.66330521E+02
c10h20o-DF
                                                                                                                           c 10h 20o 1
                                                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                5000.00 1000.00
-0.52293938E + 02 \quad 0.19480184E + 00 - 0.94029499E - 04 \quad 0.19223844E - 07 - 0.14135998E - 11 - 0.14135998E - 0.1413598E - 0.14135998E - 0.1413598E - 0.141359898E - 0.1413598E - 0.141598E - 0.14159898E - 0.141598E - 0.141598E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                            2.
0.31099074E-07 0.18769478E-11-0.35273727E+05 0.66330521E+02
                                                                                                                           c 10h 20o
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                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                            1
c10h20o-AD
     0.61710880E + 02 0.34029186E - 02 - 0.18604972E - 06 0.42117195E - 11 0.11098688E - 15
                                                                                                                                                                                                                                                                                                                                                                                                                            2
3
     0.12573698E-08 0.13267947E-11-0.44048410E+05 0.28593245E+02
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                                                                                                                           c 10h 20o
                                                                                                                                                                                                                             G 0300.00
c10h20o-BE
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-0.97585316E+01 0.11714813E+00-0.50663559E-04 0.95754977E-08-0.66482226E-12
                                                                                                                                                                                                                                                                                                                                                                                                                            2.
-0.40217547E+05 0.92040802E+02-0.45932884E+01 0.14279509E+00-0.10274935E-03
                                                                                                                                                                                                                                                                                                                                                                                                                            3
    0.28562233E-07 0.14102400E-11-0.46006035E+05 0.49908825E+02
                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                             G 0300.00 5000.00 1000.00
c10h20o-CF
                                                                                                                           c 10h 20o 1
                                                                                                                                                                                                                                                                                                                                                                                                                            1
-0.97585316E+01 \ \ 0.11714813E+00-0.50663559E-04 \ \ 0.95754977E-08-0.66482226E-12
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                                                                                                                                                                                                                                                                                                                                                                                                                            3
-0.39945801E+05 0.92040802E+02-0.45932884E+01 0.14279509E+00-0.10274935E-03
     \texttt{0.28562233E-07} \ \ \texttt{0.14102400E-11-0.45734293E+05} \ \ \texttt{0.49908833E+02} 
                                                                                                                                                                                                                                                                                                                                                                                                                            4
                                                                                                                                                                                                                              G 0300.00
c10h20o-DG
                                                                                                                           c 10h 20o
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-0.97585316E+01 \quad 0.11714813E+00-0.50663559E-04 \quad 0.95754977E-08-0.66482226E-12
                                                                                                                                                                                                                                                                                                                                                                                                                            2.
-0.39945801E+05 0.90654648E+02-0.45932884E+01 0.14279509E+00-0.10274935E-03
                                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.28562233E-07 \ 0.14102400E-11-0.45734293E+05 \ 0.48522671E+02
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                                                                          11/21/07 c 10h 20o
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                                                                                                                                                                                                                       OG 300.000 5000.000 1000.000
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     0.61799072E + 02 \quad 0.32458992E - 02 - 0.93891153E - 07 - 0.17508134E - 10 \quad 0.18891264E - 14 \\ 0.18891264E - 15 \\ 0.18891264E - 14 \\ 0.18891264E - 15 \\ 0.188912644E - 15 \\ 0.18891264
                                                                                                                                                                                                                                                                                                                                                                                                                            2
-0.69783078E + 05 - 0.31246600E + 03 \quad 0.86580700E + 00 \quad 0.10991108E + 00 - 0.45952915E - 04 \\ -0.69783078E + 05 - 0.31246600E + 03 \quad 0.86580700E + 00 \quad 0.10991108E + 00 - 0.45952915E - 04 \\ -0.69783078E + 0.00000E + 0.0000E + 
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-0.25846512E-08 0.26833015E-11-0.46790559E+05 0.24895792E+02
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                                                                            11/21/07 c 10h 20o
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-0.97585316E+01 0.11714813E+00-0.50663559E-04 0.95754977E-08-0.66482226E-12
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-0.42934949E+05 0.89323395E+02-0.45932884E+01 0.14279509E+00-0.10274935E-03
                                                                                                                                                                                                                                                                                                                                                                                                                            3
    0.28562233E-07 0.14102400E-11-0.48723438E+05 0.47191425E+02
                                                                            11/21/07 c 10h 20o
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-0.97585316E+01 0.11714813E+00-0.50663559E-04 0.95754977E-08-0.66482226E-12
-0.42663203E+05 0.89323395E+02-0.45932884E+01 0.14279509E+00-0.10274935E-03
                                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.28562233E-07 0.14102400E-11-0.48451695E+05 0.47191425E+02
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     0.16306988E+02 0.64763352E-01-0.22720040E-04 0.37104051E-08-0.23262325E-12
                                                                                                                                                                                                                                                                                                                                                                                                                            2
-0.28768211 \pm +05 -0.44487953 \pm +02 -0.12540367 \pm +01 -0.12126518 \pm +00 -0.82816085 \pm -04
                                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.26716666E-07-0.21227701E-11-0.24799623E+05 0.43169273E+02
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                                                                   11/29/2007 c 10h 19o
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     0.14784694E + 02 \quad 0.66859469E - 01 - 0.23652156E - 04 \quad 0.38844550E - 08 - 0.24443471E - 12 - 0.244471E - 0.24471E - 0.244471E - 0.24471E - 0.24471E - 0.24471E 
                                                                                                                                                                                                                                                                                                                                                                                                                            2.
-0.26356234E + 05 - 0.35625694E + 02 - 0.10601692E + 01 \\ 0.12435768E + 00 - 0.93507741E - 04 \\ -0.26356234E + 05 - 0.35625694E + 02 - 0.10601692E + 01 \\ -0.26356234E + 05 - 0.35625694E + 02 - 0.10601692E + 01 \\ -0.26356234E + 05 - 0.35625694E + 02 - 0.10601692E + 01 \\ -0.26356234E + 00 - 0.93507741E - 04 \\ -0.26356244E + 0.0007744E + 0.000744E + 0.000
                                                                                                                                                                                                                                                                                                                                                                                                                            3
     0.37443890E-07-0.56362046E-11-0.23286785E+05 0.41417789E+02
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Bc10h19oC
                                                                  11/29/2007 c 10h 19o 1 0G 300.000 5000.000 1000.000
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0.34623337E+01 0.85501805E-01-0.32684758E-04 0.56652403E-08-0.36998310E-12
                                                                                                                                                                                                                                                                           2
-0.26665381E+05 0.27313919E+02-0.10258578E+01 0.12298658E+00-0.89079076E-04
                                                                                                                                                                                                                                                                           3
   0.31129815E-07-0.24958161E-11-0.28062449E+05 0.41072895E+02
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                                           11/29/2007 c 10h 19o
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Cc10h19oB
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   0.16080677E+02 0.64582072E-01-0.22554279E-04 0.36708492E-08-0.22955994E-12
                                                                                                                                                                                                                                                                           2
-0.31633113E + 05 - 0.43767708E + 02 - 0.14350673E + 01 \\ 0.12476747E + 00 - 0.94966519E - 04 \\ -0.31633113E + 05 - 0.43767708E + 02 - 0.14350673E + 01 \\ -0.31633113E + 05 - 0.43767708E + 02 - 0.14350673E + 01 \\ -0.31633113E + 05 - 0.43767708E + 02 - 0.14350673E + 01 \\ -0.31633113E + 05 - 0.43767708E + 02 - 0.14350673E + 01 \\ -0.31633113E + 00 - 0.94966519E - 04 \\ -0.31633113E + 0.94966519E - 0.949666519E - 0.9496666519E - 0.94966669E - 0.94966669E - 0.94966669E - 0.9496669E - 0.949669E - 0.9496669E - 0
                                                                                                                                                                                                                                                                           3
   0.40111697E-07-0.69548273E-11-0.27837811E+05 0.42781857E+02
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                                           11/29/2007 c 10h 19o
Cc10h19oD
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   0.40769310E+01 0.84358312E-01-0.32092117E-04 0.55426557E-08-0.36101796E-12
                                                                                                                                                                                                                                                                           2
3
   0.40035612E-07-0.53355241E-11-0.28006711E+05 0.43481628E+02
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                                           11/29/2007 c 10h 19o
Dc10h19oC
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   2
-0.26696336E+05 \quad 0.25984703E+02-0.18879009E+01 \quad 0.12921445E+00-0.10298457E-03 \quad 0.26696336E+01 \quad 0.2669636E+01 \quad 0.2669636E+01 \quad 0.2669636E+01 \quad 0.2669636E+01 \quad 0.2669636E+01 \quad 0.266966E+01 \quad 0.2669666E+01 \quad 0.266966E+01 \quad 0.266966E+01 \quad 0.266966E+01 \quad 0.266966E+01 \quad 0.266966E+01 \quad 0.266966E+
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   0.43733660E-07-0.66181496E-11-0.27982365E+05 0.44408314E+02
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Dc10h19oE
                                           11/29/2007 c 10h 19o
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   0.40691190E+01 0.84372088E-01-0.32099975E-04 0.55444547E-08-0.36116149E-12
                                                                                                                                                                                                                                                                           2
-0.26850461E+05 0.23846092E+02-0.18306836E+01 0.12884861E+00-0.10219141E-03
                                                                                                                                                                                                                                                                           3
   0.43032703E-07-0.64025768E-11-0.27988893E+05 0.44183956E+02
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Ec10h19oD
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   0.40350060E+01 0.84432267E-01-0.32134987E-04 0.55526681E-08-0.36183163E-12
                                                                                                                                                                                                                                                                           2
-0.26836793E+05 0.24024002E+02-0.16566451E+01 0.12764387E+00-0.99291581E-04
                                                                                                                                                                                                                                                                           3
   0.40130022E-07-0.53725045E-11-0.28007609E+05 0.43434109E+02
                                                                                                                                                                                                                                                                           4
Fc10h19oE
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   0.40350060E+01 0.84432267E-01-0.32134987E-04 0.55526681E-08-0.36183163E-12
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-0.26836895E+05 0.24035446E+02-0.15852615E+01 0.12715800E+00-0.98145771E-04
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   0.39005553E-07-0.49804830E-11-0.28015389E+05 0.43142235E+02
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                                           11/29/2007 c 10h 19o
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Ac10h19oC
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   0.43805685E+01 \quad 0.83317816E-01-0.31508171E-04 \quad 0.54213318E-08-0.35230158E-12
                                                                                                                                                                                                                                                                           2
-0.22559186E + 05 \quad 0.24663010E + 02 - 0.19080181E + 01 \quad 0.12950268E + 00 - 0.10383031E - 03 \\ -0.22559186E + 05 \quad 0.24663010E + 02 - 0.19080181E + 01 \quad 0.12950268E + 00 - 0.10383031E - 03 \\ -0.22559186E + 05 \quad 0.24663010E + 02 - 0.19080181E + 01 \quad 0.12950268E + 00 - 0.10383031E - 03 \\ -0.22559186E + 0.00080181E + 0.00080181E + 0.00080181E + 0.00080181E + 0.00080181E \\ -0.2259186E + 0.00080181E + 0.000
                                                                                                                                                                                                                                                                           3
   0.43907157E-07-0.64749673E-11-0.23652576E+05 0.46781288E+02
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                                                                                                                                               0G
Cc10h19oA
                                           11/29/2007 c 10h 19o
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    \texttt{0.50954007E-07-0.10250223E-10-0.21090385E+05} \ \ \texttt{0.45204720E+02} 
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                                           11/29/2007 c 10h 19o
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Bc10h19oD
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   0.41005588E+01 \quad 0.83268210E-01-0.31393880E-04 \quad 0.53888471E-08-0.34954036E-12
                                                                                                                                                                                                                                                                           2.
-0.23567004E+05 \quad 0.26396599E+02-0.98894167E+00 \quad 0.12397141E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.9443649E-04E+00-0.9443649E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-
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   0.36740563E-07-0.43268960E-11-0.24857701E+05 \ 0.42914986E+02
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Dc10h19oB
                                           11/29/2007 c 10h 19o
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   2.
-0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ 0.12794283E + 00 - 0.10541788E - 03 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 00 - 0.10541788E - 03 \\ -0.2839789E + 0.00541788E - 0
                                                                                                                                                                                                                                                                           3
   0.50665591E-07-0.10489309E-10-0.24595764E+05 0.46272469E+02
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                                           11/29/2007 c 10h 19o
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Cc10h19oE
   0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
                                                                                                                                                                                                                                                                           2
-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03
                                                                                                                                                                                                                                                                           3
   0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
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                                           11/29/2007 c 10h 19o
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Ec10h19oC
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   0.42453704E+01 0.82912691E-01-0.31188483E-04 0.53431251E-08-0.34600122E-12
                                                                                                                                                                                                                                                                           2
3
   0.54527877E-07-0.10232525E-10-0.24737500E+05 0.47996113E+02
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Dc10h19oF
                                           11/29/2007 c 10h 19o
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   0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
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-0.23660557E+05 0.24443855E+02-0.23058853E+01 0.13325629E+00-0.11556858E-03
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   0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
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                                           11/29/2007 c 10h 19o
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Fc10h19oD
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   0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
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-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03
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   0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
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                                           11/30/2007 c 10h 19o 1
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Ac10h19oD
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   0.47539911E+01 \quad 0.82678452E-01-0.31171461E-04 \quad 0.53491589E-08-0.34681809E-12
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-0.22707973E+05 0.22577545E+02-0.19475780E+01 0.12979481E+00-0.10458541E-03
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    0.44722682E-07-0.67872613E-11-0.23648559E+05 0.46946564E+02
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                                                           11/30/2007 c 10h 19o
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Dc10h19oA
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     0.15200550E+02 0.65086745E-01-0.22660994E-04 0.36796133E-08-0.22970135E-12
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3
    0.50954007 \\ \text{E} - 07 - 0.10250223 \\ \text{E} - 10 - 0.21090385 \\ \text{E} + 05 \quad 0.45204720 \\ \text{E} + 02 \\
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Bc10h19oE
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    0.41005588E+01 0.83268210E-01-0.31393880E-04 0.53888471E-08-0.34954036E-12
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-0.23567004E+05 \quad 0.26396599E+02-0.98894167E+00 \quad 0.12397141E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.94435469E-04E+00-0.9443649E-04E+00-0.9443649E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.944869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E+00-0.94869E-04E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.94869E-00-0.948
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    0.36740563E-07-0.43268960E-11-0.24857701E+05 0.42914986E+02
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                                                           11/30/2007 c 10h 19o 1 0G 300.000 5000.000 1000.000
Ec10h19oB
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-0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ 0.12794283E + 00 - 0.10541788E - 03 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 05 - 0.42317795E + 02 - 0.17287970E + 01 \\ -0.28393789E + 00 - 0.10541788E - 03 \\ -0.2839789E + 0.00541788E - 0
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    0.50665591E-07-0.10489309E-10-0.24595764E+05 0.46272469E+02
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Cc10h19oF
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     0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
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 -0.23660557E+05 0.24443855E+02-0.23058853E+01 0.13325629E+00-0.11556858E-03
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    0.56483582E - 07 - 0.10955957E - 10 - 0.24726898E + 05 0.48427807E + 02
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Fc10h19oC
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     0.42453704E+01 0.82912691E-01-0.31188483E-04 0.53431251E-08-0.34600122E-12
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3
    0.54527877E - 07 - 0.10232525E - 10 - 0.24737500E + 05 0.47996113E + 02
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Gc10h19oD
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     0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
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-0.23660557E+05 0.24443855E+02-0.23058853E+01 0.13325629E+00-0.11556858E-03
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    0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
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Ac10h19oE
    0.47539911E+01 \quad 0.82678452E-01-0.31171461E-04 \quad 0.53491589E-08-0.34681809E-12
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-0.22707973E+05 \quad 0.22577545E+02-0.19475780E+01 \quad 0.12979481E+00-0.10458541E-03
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    0.44722682E-07-0.67872613E-11-0.23648559E+05 0.46946564E+02
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    0.50954007E-07-0.10250223E-10-0.21090385E+05 0.45204720E+02
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-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03 \\ -0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \\ -0.23660557E+00-0.23658E+02-0.23058853E+01 \\ -0.23660557E+00-0.23658E+02-0.23658E+02-0.23658E+01 \\ -0.23660557E+00-0.23658E+02-0.23658E+02-0.23658E+02-0.23658E+02-0.23658E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.23668E+02-0.25688E+02-0.25688E+02-0.25688E+02-0.25688E+02-0.25688E+02-0.25688E+02-0.25688688E+02-0.25688E+02-0.25688E+02-0.25688E+0
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    0.56483582E - 07 - 0.10955957E - 10 - 0.24726898E + 05 0.48427807E + 02
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    0.25660179E + 01 \quad 0.94763122E - 01 - 0.36931320E - 04 \quad 0.64882340E - 08 - 0.42774326E - 12 - 0.42774326E - 0.42774426E - 0.42
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-0.40878246E + 05 \quad 0.40100426E + 02 - 0.87275076E + 00 \quad 0.13710858E + 00 - 0.10093494E - 03 + 0.00093494E - 0.0009344E - 0.000934E - 0.00094E - 0.000094E - 0.000094E - 0.00094E - 0.00094E - 0.00094E - 0.00094E - 0.00094E - 0
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    0.31526415E-07-0.46446598E-12-0.43529867E+05 0.45174076E+02
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    0.32537854E+01 \quad 0.93608648E-01-0.36349764E-04 \quad 0.63694889E-08-0.41912724E-12
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3
    0.49625644E-07-0.66309679E-11-0.41202746E+05 0.42964340E+02
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    0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
-0.53171633E+05 \quad 0.32894485E+02-0.88614529E+00 \quad 0.15507066E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E
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    0.41176886E-07-0.18085662E-11-0.55739730E+05 0.49842552E+02
dec4*o7*o5ooh
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-0.14980563E+02 0.12761715E+00-0.55477427E-04 0.10524960E-07-0.73279132E-12
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-0.64717898E+05 0.14264798E+03-0.70437260E-01 0.13911021E+00-0.10498685E-03
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    0.31592030E-07 0.10743019E-11-0.74499594E+05 0.45439999E+02
c4h9coc5h10-3 11/21/07 c 10h 19o
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    2.
-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03 \\ -0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \\ -0.23660557E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.2005869E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.20058699E+0.200586999-0.200586999-0.000586999-0.000586999-0.000586999-0.000086999-0.000086999-0.0000899-0.00008999-0.00008999-0.0000899-0.0000899-0.0
                                                                                                                                                                                                                                                                                                                                                                              3
    0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                               c 10h 19o
                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                               3
                                                                                                                                                                                                      0G
                                                                                                                                                                                                                                                                                                                                                                          31
     0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
                                                                                                                                                                                                                                                                                                                                                                              2.
-0.40878246E + 05 \quad 0.40100426E + 02 - 0.87275076E + 00 \quad 0.13710858E + 00 - 0.10093494E - 03 + 0.00093494E - 0.0009344E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.00094E - 0.000094E - 0.000094E - 0.00094E - 0.00094E - 0.00094E - 0.00094E - 0.00094E - 0
                                                                                                                                                                                                                                                                                                                                                                               3
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0.31526415E-07-0.46446598E-12-0.43529867E+05 0.45174076E+02
                                                                                                                                                                                      4
                                                      c 10h 19o 3
                                                                                                 0G
                                                                                                           300.000 5000.000 1000.000
dec5*06j8ooh
                                                                                                                                                                                    31
  0.32537854E+01 0.93608648E-01-0.36349764E-04 0.63694889E-08-0.41912724E-12
                                                                                                                                                                                      2.
3
  0.49625644E-07-0.66309679E-11-0.41202746E+05 \ 0.42964340E+02
                                                                                                                                                                                      4
                                                                                                              300.000 5000.000 1000.000
                                                      c 10h 19o 5
dec5*0600800h
                                                                                               0G
                                                                                                                                                                                    31
  0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
                                                                                                                                                                                      2
-0.53171633E+05 0.32894485E+02-0.88614529E+00 0.15507066E+00-0.12199651E-03
                                                                                                                                                                                      3
   \texttt{0.41176886E-07-0.18085662E-11-0.55739730E+05} \ \ \texttt{0.49842552E+02} 
                                                                                                                                                                                      4
                                                                                                              300.000 5000.000 1000.000
dec5*08*0600h
                                                      c 10h 18o
                                                                                    4
                                                                                                 0G
                                                                                                                                                                                    31
2
3
  0.31592030E-07 0.10743019E-11-0.74499594E+05 0.45439999E+02
                                                                                                                                                                                      4
c2h5coc7h14-5 11/21/07 c 10h 19o
                                                                                    1
                                                                                               0G
                                                                                                          300.000 5000.000 1000.000
                                                                                                                                                                                    31
  0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
                                                                                                                                                                                      2
-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03
                                                                                                                                                                                      3
  0.56483582E - 07 - 0.10955957E - 10 - 0.24726898E + 05 0.48427807E + 02
                                                                                                                                                                                      4
dec3*0600
                                                       c 10h 19o
                                                                                     3
                                                                                                 0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
  0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
                                                                                                                                                                                      2
-0.40878246E + 05 \quad 0.40100426E + 02 - 0.87275076E + 00 \quad 0.13710858E + 00 - 0.10093494E - 03 + 0.00093494E - 0.0009344E - 0.000934E - 0.00094E - 0.00094E - 0.000954E - 0.0000954E - 0.000954E - 0.
                                                                                                                                                                                      3
  0.31526415E-07-0.46446598E-12-0.43529867E+05 0.45174076E+02
                                                                                                                                                                                      4
dec3*o4j6ooh
                                                       c 10h 19o
                                                                                     3
                                                                                                 0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
  2.
-0.38343363E+05 0.37901070E+02-0.45693436E+00 0.14243297E+00-0.11859096E-03
                                                                                                                                                                                      3
  0.49625644E-07-0.66309679E-11-0.41202746E+05 0.42964340E+02
                                                                                                                                                                                      4
                                                      c 10h 19o
                                                                                     5
                                                                                                0G
                                                                                                              300.000 5000.000 1000.000
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dec3*o4oo6ooh
  0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
                                                                                                                                                                                      2
-0.53171633E+05 0.32894485E+02-0.88614529E+00 0.15507066E+00-0.12199651E-03
                                                                                                                                                                                      3
  0.41176886E-07-0.18085662E-11-0.55739730E+05 0.49842552E+02
                                                                                                                                                                                      4
                                                      c 10h 18o
                                                                                                  0G
                                                                                                          300.000 5000.000 1000.000
dec3*o6*o4ooh
                                                                                    4
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2.
3
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  0.31592030E-07 0.10743019E-11-0.74499594E+05 0.45439999E+02
                                                                                               OG 300.000 5000.000 1000.000
ch3coc8h16-6
                              11/21/07 c 10h 19o
                                                                                   1
                                                                                                                                                                                    31
  2
-0.23660557\mathtt{E} + 05 \quad 0.24443855\mathtt{E} + 02 - 0.23058853\mathtt{E} + 01 \quad 0.13325629\mathtt{E} + 00 - 0.11556858\mathtt{E} - 03
                                                                                                                                                                                      3
  0.56483582E - 07 - 0.10955957E - 10 - 0.24726898E + 05 0.48427807E + 02
                                                                                                                                                                                      4
                                                                                                 OG 300.000 5000.000 1000.000
dec2*o5oo
                                                      c 10h 19o
                                                                                    3
                                                                                                                                                                                    31
  2.
-0.40878246E + 05 \quad 0.40100426E + 02 - 0.87275076E + 00 \quad 0.13710858E + 00 - 0.10093494E - 03 + 0.00093494E - 0.0009344E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.00094E - 0.000094E - 0.000094E - 0.00094E - 0.00094E - 0.00094E - 0.000094E - 0.00094E - 
                                                                                                                                                                                      3
  0.31526415E - 07 - 0.46446598E - 12 - 0.43529867E + 05 \quad 0.45174076E + 02
                                                                                                                                                                                      4
dec2*o3j5ooh
                                                       c 10h 19o
                                                                                    3
                                                                                                  0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
  0.32537854E+01 0.93608648E-01-0.36349764E-04 0.63694889E-08-0.41912724E-12
                                                                                                                                                                                      2
3
  0.49625644E-07-0.66309679E-11-0.41202746E+05 0.42964340E+02
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                                                       c 10h 19o
                                                                                    5
                                                                                                  0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
dec2*o3oo5ooh
  0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
-0.53171633E+05 \quad 0.32894485E+02-0.88614529E+00 \quad 0.15507066E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-03E+00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E-00-0.12199651E
                                                                                                                                                                                      3
  0.41176886E - 07 - 0.18085662E - 11 - 0.55739730E + 05 \quad 0.49842552E + 02
                                                                                                                                                                                      4
                                                                                                                                                                                    31
dec2*05*0300h
                                                       c 10h 18o
                                                                                       4
                                                                                                   0G
                                                                                                              300.000 5000.000 1000.000
-0.14980563E+02 0.12761715E+00-0.55477427E-04 0.10524960E-07-0.73279132E-12
                                                                                                                                                                                      2
-0.64717898E+05 0.14264798E+03-0.70437260E-01 0.13911021E+00-0.10498685E-03
                                                                                                                                                                                      3
  0.31592030E-07 0.10743019E-11-0.74499594E+05 0.45439999E+02
c5h11coc4h8-2 11/21/07 c 10h 19o
                                                                                                   0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
                                                                                       1
  0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
                                                                                                                                                                                      2
-0.23660557E+05 \quad 0.24443855E+02-0.23058853E+01 \quad 0.13325629E+00-0.11556858E-03
                                                                                                                                                                                      3
  0.56483582E-07-0.10955957E-10-0.24726898E+05 0.48427807E+02
                                                                                                                                                                                      4
                                                       c 10h 19o
dec5*0200
                                                                                       3
                                                                                                   0G
                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                    31
  0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
                                                                                                                                                                                      2.
-0.40878246E+05 0.40100426E+02-0.87275076E+00 0.13710858E+00-0.10093494E-03
                                                                                                                                                                                      3
   \hbox{\tt 0.31526415E-07-0.46446598E-12-0.43529867E+05} \ \hbox{\tt 0.45174076E+02} 
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dec5*o4i2ooh
                                                                                        c 10h 19o 3
                                                                                                                                                             0G
                                                                                                                                                                                 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                  31
   2.
-0.38343363E + 05 \quad 0.37901070E + 02 - 0.45693436E + 00 \quad 0.14243297E + 00 - 0.11859096E - 03 - 0.01859096E - 0.01859000000000
                                                                                                                                                                                                                                                                                                     3
   0.49625644E-07-0.66309679E-11-0.41202746E+05 0.42964340E+02
                                                                                                                                                                                                                                                                                                     4
                                                                                        c 10h 19o 5
                                                                                                                                                     OG 300.000 5000.000 1000.000
dec5*o4oo2ooh
                                                                                                                                                                                                                                                                                                  31
    0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
                                                                                                                                                                                                                                                                                                     2
3
   0.41176886E-07-0.18085662E-11-0.55739730E+05 0.49842552E+02
                                                                                                                                                                                                                                                                                                     4
                                                                                        c 10h 18o 4 0G 300.000 5000.000 1000.000
dec2*o5*o4ooh
                                                                                                                                                                                                                                                                                                  31
2
-0.64717898E + 05 \quad 0.14264798E + 03 - 0.70437260E - 01 \quad 0.13911021E + 00 - 0.10498685E - 03 \\ -0.64717898E + 05 \quad 0.14264798E + 03 - 0.70437260E - 01 \quad 0.13911021E + 00 - 0.10498685E - 03 \\ -0.64717898E + 05 \quad 0.14264798E + 03 - 0.70437260E - 01 \quad 0.13911021E + 00 - 0.10498685E - 03 \\ -0.64717898E + 05 \quad 0.14264798E + 03 - 0.70437260E - 01 \quad 0.13911021E + 00 - 0.10498685E - 03 \\ -0.64717898E + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.001868688 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.00186868 + 0.001868688 + 0.00186868 + 0.001868688 + 0.00186868 + 0.00186868 + 0.001868688 + 0.00186868 + 0.00186868 + 0.0
                                                                                                                                                                                                                                                                                                     3
   0.31592030E-07 \ 0.10743019E-11-0.74499594E+05 \ 0.45439999E+02
                                                                                                                                                                                                                                                                                                     4
                                                                                 c 8h 14o 2
                                                                                                                                                     0g 300.000 5000.000 1000.000
c8ald3oxo 29/05/06
                                                                                                                                                                                                                                                                                                     1
-0.75483012E + 01 \quad 0.88001356E - 01 - 0.37421298E - 04 \quad 0.69898851E - 08 - 0.48127431E - 12 - 0.88001356E - 01 - 0.8800136E - 01 - 0.8800136E - 01 - 0.8800136E - 01 - 0.8800136E - 0.880016E - 0.880016E
                                                                                                                                                                                                                                                                                                     2
-0.48668629E+05 0.87982437E+02-0.15627837E+01 0.99222884E-01-0.67715933E-04
                                                                                                                                                                                                                                                                                                     3
   0.18561890E-07 0.89465843E-12-0.53334887E+05 0.46360420E+02
                                                                                                                                                                                                                                                                                                     4
c7ald3oxo
                                            29/05/06
                                                                                   c 7h 12o
                                                                                                                                       2
                                                                                                                                                      0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                     1
-0.94036551E+01 0.82001582E-01-0.35512909E-04 0.67193024E-08-0.46691893E-12
                                                                                                                                                                                                                                                                                                     2
-0.45254449E+05 0.95854774E+02-0.13707602E+01 0.87533154E-01-0.61154518E-04
                                                                                                                                                                                                                                                                                                     3
   0.17658323E-07 0.52635457E-12-0.50439336E+05 0.43760078E+02
c6ald3oxo 29/05/06
                                                                                      c 6h 10o
                                                                                                                                          2
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                                                                                                                                                                           300.000 5000.000 1000.000
2.
-0.41875945E+05 \quad 0.10332356E+03-0.10716561E+01 \quad 0.75103901E-01-0.52827163E-04
   0.15004920E-07 0.77228187E-12-0.47555281E+05 0.40705853E+02
                                                                                                                                                                                                                                                                                                     4
c5ald3oxo 29/05/06
                                                                                    c 5h 8o
                                                                                                                                         2
                                                                                                                                                      0 q
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-0.12940953E+02 0.69903918E-01-0.31803214E-04 0.62314123E-08-0.44409864E-12
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-0.38527070E + 05 0.11053633E + 03 - 0.84370774E + 00 0.63168347E - 01 - 0.45684359E - 04
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   0.13530840E-07 0.60230298E-12-0.44663621E+05 0.37952915E+02
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c4ald3oxo 29/05/06
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-0.11254543E+01 0.39765101E-01-0.16878952E-04 0.31484686E-08-0.21655221E-12
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-0.40318285E + 05 \quad 0.42259468E + 02 - 0.60580101E - 01 \quad 0.46090852E - 01 - 0.28861905E - 04 - 0.46090852E - 01 - 0.28861905E - 01 - 0.46090852E - 01 - 0.46090852E - 01 - 0.28861905E - 01 - 0.46090852E - 0.4609085E - 0.4609085
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   0.67779320E-08 0.68161687E-12-0.41638715E+05 0.33134945E+02
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                                    07/06/06
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mecomeco
-0.11254543E+01 \ 0.39765101E-01-0.16878952E-04 \ 0.31484686E-08-0.21655221E-12
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-0.40318285E + 05 \quad 0.42259468E + 02 - 0.60580101E - 01 \quad 0.46090852E - 01 - 0.28861905E - 04 - 0.28861905E - 0.2886
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   0.67779320E-08 \ 0.68161687E-12-0.41638715E+05 \ 0.33134945E+02
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-0.12940953E+02 \quad 0.69903918E-01-0.31803214E-04 \quad 0.62314123E-08-0.44409864E-12
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-0.38527070E + 05 \quad 0.11053633E + 03 - 0.84370774E + 00 \quad 0.63168347E - 01 - 0.45684359E - 04 - 0.63168347E - 01 - 0.63168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.0631684359E - 0.06316848E - 0.063168848E - 0.0631688E - 0.06316848E - 0.06316848
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   0.13530840E-07 \ 0.60230298E-12-0.44663621E+05 \ 0.37952915E+02
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-0.41875945E+05 \quad 0.10332356E+03-0.10716561E+01 \quad 0.75103901E-01-0.52827163E-04
   0.15004920E-07 0.77228187E-12-0.47555281E+05 0.40705853E+02
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-0.94036551E+01 \quad 0.82001582E-01-0.35512909E-04 \quad 0.67193024E-08-0.46691893E-12
-0.45254449E+05 0.95854774E+02-0.13707602E+01 0.87533154E-01-0.61154518E-04
   0.17658323E-07 0.52635457E-12-0.50439336E+05 0.43760078E+02
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-0.31711254E+05 0.72707840E+02-0.95788473E+00 0.96059471E-01-0.70857386E-04
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   0.24432708E-07-0.14270678E-11-0.35590402E+05 0.44693489E+02
                                                       11/21/07 c 10h 19o
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   0.16329407E+02 0.63091114E-01-0.21706626E-04 0.34954499E-08-0.21696413E-12
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-0.28393789E+05-0.42317795E+02-0.17287970E+01 0.12794283E+00-0.10541788E-03
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   0.50665591E-07-0.10489309E-10-0.24595764E+05 0.46272469E+02
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Bc10h19oF
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    0.41005588E+01 0.83268210E-01-0.31393880E-04 0.53888471E-08-0.34954036E-12
                                                                                                                                                                                                                                                                                                     2.
-0.23567004E+05 \quad 0.26396599E+02-0.98894167E+00 \quad 0.12397141E+00-0.94435469E-04
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    0.36740563E-07-0.43268960E-11-0.24857701E+05 0.42914986E+02
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Gc10h19oC
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0.42453704E+01 0.82912691E-01-0.31188483E-04 0.53431251E-08-0.34600122E-12
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-0.23570279E + 05 \quad 0.25720589E + 02 - 0.22029736E + 01 \quad 0.13251169E + 00 - 0.11369693E - 03 \\ -0.23570279E + 05 \quad 0.25720589E + 02 - 0.22029736E + 01 \quad 0.13251169E + 00 - 0.11369693E - 03 \\ -0.23570279E + 05 \quad 0.25720589E + 02 - 0.22029736E + 01 \quad 0.13251169E + 00 - 0.11369693E - 03 \\ -0.23570279E + 05 \quad 0.25720589E + 02 - 0.22029736E + 01 \quad 0.13251169E + 00 - 0.11369693E - 03 \\ -0.23570279E + 0.20029736E + 0.20029746E + 0.20029736E + 0.20029746E + 0.20020
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     0.54527877E-07-0.10232525E-10-0.24737500E+05 0.47996113E+02
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Hc10h19oD
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     0.44738827E+01 0.82529798E-01-0.31001735E-04 0.53062750E-08-0.34340862E-12
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3
    0.56483582\mathtt{E} - 07 - 0.10955957\mathtt{E} - 10 - 0.24726898\mathtt{E} + 05 \quad 0.48427807\mathtt{E} + 02
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c10h19oBqjA 11/29/2007 c 10h 19o
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      \texttt{0.13514616E+02} \ \ \texttt{0.75880781E-01-0.27536711E-04} \ \ \texttt{0.46022413E-08-0.29303906E-12} 
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3
    0.29407795E-07-0.16656370E-11-0.40804504E+05 0.39517471E+02
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c10h19oAqjB 11/29/2007 c 10h 19o
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     2
-0.52604367E + 05 - 0.28855515E + 03 \quad 0.20104423E + 01 \quad 0.11726599E + 00 - 0.63283944E - 04 \quad 0.1172659E + 0.00064E + 0.00064
                                                                                                                                                                                                                                                                                                                                                                              3
     0.11944034E-07-0.13398450E-11-0.31158100E+05 0.33456493E+02
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c10h19oCqjB 11/29/2007 c 10h 19o
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     0.58775883E+01 0.89733183E-01-0.34518202E-04 0.60115530E-08-0.39402455E-12
                                                                                                                                                                                                                                                                                                                                                                               2
 -0.41573852E+05 0.21084419E+02-0.19661069E+01 0.13946027E+00-0.10070876E-03
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     0.29663784E-07 0.17849543E-12-0.42557738E+05 0.50607735E+02
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c10h19oBqjC 11/29/2007 c 10h 19o
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     0.55774834E+02 0.12417244E-01-0.17775797E-05 0.14284891E-09-0.52159683E-14
                                                                                                                                                                                                                                                                                                                                                                               2
3
     0.99802486E-08 0.23630991E-12-0.42768293E+05 0.36123112E+02
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c10h19oDajC 11/29/2007 c 10h 19o
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     0.60646033E+01 0.89415371E-01-0.34357283E-04 0.59785323E-08-0.39161583E-12
                                                                                                                                                                                                                                                                                                                                                                               2
-0.41647551E+05 \quad 0.20039452E+02-0.20407033E+01 \quad 0.13998796E+00-0.10200999E-03
                                                                                                                                                                                                                                                                                                                                                                               3
    0.31003356E-07-0.31151552E-12-0.42549863E+05 0.50921062E+02
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c10h19oCqjD 11/29/2007 c 10h 19o
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    0.61545506E+01 0.89246392E-01-0.34245953E-04 0.59498162E-08-0.38910959E-12
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3
    0.29206463E-07 \ 0.33724485E-12-0.42560500E+05 \ 0.50493259E+02
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c10h19oEqjD 11/29/2007 c 10h 19o
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    0.60646033E+01 \quad 0.89415371E-01-0.34357283E-04 \quad 0.59785323E-08-0.39161583E-12
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-0.41647551E+05 \quad 0.20038933E+02-0.20407033E+01 \quad 0.13998796E+00-0.10200999E-03 \\ -0.41647551E+05 \quad 0.20038933E+02-0.20407033E+01 \\ -0.41647551E+05 \quad 0.2003893E+02-0.20407033E+01 \\ -0.41647551E+05 \quad 0.2003899E+02-0.20407033E+01 \\ -0.41647551E+05 \quad 0.2003899E+02-0.20407033E+01 \\ -0.41647551E+05 \quad 0.2003899E+02-0.20407033E+01 \\ -0.4164751E+0.20407039E+0.20407039E+0.20407039E+0.20407039E+0.20407039E+0.20407039E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.20407099E+0.
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    {\tt 0.31003356E-07-0.31151552E-12-0.42549863E+05\ 0.50920532E+02}
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c10h19oDqjE 11/29/2007 c 10h 19o
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    0.60384369E + 01 \quad 0.89448474E - 01 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 0.3454844E - 0.34548444E - 0.34548444E - 0.3454844E - 0.34548444E - 0.3454844E - 0.3454844E - 0.3454844E - 0.3454844
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3
    0.33425550E - 07 - 0.11525039E - 11 - 0.42533320E + 05 \quad 0.51569256E + 02
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c10h19oEqjF
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    0.60384369E + 01 \quad 0.89448474E - 01 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 04 \quad 0.59736580E - 08 - 0.39095571E - 12 - 0.34354824E - 0.3454844E - 0.34548444E - 0.34548444E - 0.3454844E - 0.34548444E - 0.3454844E - 0.3454844E - 0.3454844E - 0.3454844
3
    0.33425550E-07-0.11525039E-11-0.42533320E+05 0.51569324E+02
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c10h19oCqjA 11/29/2007 c 10h 19o
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     0.65662427E+01 0.87472498E-01-0.33205844E-04 0.57277765E-08-0.37281799E-12
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3
    0.30692114E-07-0.10195448E-11-0.41250281E+05 0.44651508E+02
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c10h19oAqjC 11/29/2007 c 10h 19o
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     0.13557490E+02 0.76620050E-01-0.28025463E-04 0.47119553E-08-0.30137839E-12
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-0.41522512E + 05 - 0.21059647E + 02 - 0.36978576E + 00 \\ 0.13465443E + 00 - 0.97342636E - 04 \\ 0.13465443E + 0.000666E - 0.00066E - 0.000
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    0.31133748E-07-0.15634639E-11-0.39859727E+05 0.43279034E+02
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c10h19oDqjB 11/29/2007 c 10h 19o
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     0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
                                                                                                                                                                                                                                                                                                                                                                               2
-0.41149852E+05 0.40102135E+02-0.94730365E+00 0.13762265E+00-0.10216190E-03
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    0.32743547E-07-0.89276378E-12-0.43793594E+05 0.45491550E+02
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c10h19oBqjD 11/29/2007 c 10h 19o
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     0.15064959E+02 0.73944062E-01-0.26688129E-04 0.44423309E-08-0.28200307E-12
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-0.45825383E + 05 - 0.30125580E + 02 - 0.50930756E + 00 \\ 0.13327326E + 00 - 0.94330782E - 04 \\ -0.45825383E + 05 - 0.30125580E + 02 - 0.50930756E + 00 \\ -0.45825383E + 05 - 0.30125580E + 02 - 0.50930756E + 00 \\ -0.45825383E + 05 - 0.30125580E + 02 - 0.50930756E + 00 \\ -0.45825383E + 05 - 0.30125580E + 02 - 0.50930756E + 00 \\ -0.45825382E + 00 - 0.94330786E + 00 \\ -0.45825382E + 00 - 0.94330786E + 00 \\ -0.45825382E + 00 - 0.94330786E + 00 \\ -0.45825382E + 0.00930786E + 0.
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     0.29249570E-07-0.12528580E-11-0.43375801E+05 0.43923389E+02
c10h19oEqjC 11/29/2007 c 10h 19o 3
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     0.26289754E + 01 \quad 0.94653681E - 01 - 0.36871148E - 04 \quad 0.64748149E - 08 - 0.42669050E - 128669050E - 12866900E - 1286690E - 1286600E
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-0.40903648E+05 0.39748398E+02-0.70980597E+00 0.13596617E+00-0.98163357E-04
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      0.28737150E-07 0.52914129E-12-0.43547125E+05 0.44485767E+02
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c10h19oCqjE 11/29/2007 c 10h 19o
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      0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
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3
      0.31999924 \\ \text{E}-07-0.62966440 \\ \text{E}-12-0.43526578 \\ \text{E}+05 \quad 0.45301506 \\ \text{E}+02
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c10h19oFqjD 11/29/2007 c 10h 19o 3
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      0.26289754E + 01 \quad 0.94653681E - 01 - 0.36871148E - 04 \quad 0.64748149E - 08 - 0.42669050E - 128669050E - 12866900E - 1286690E - 1286600E
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-0.40903809E + 05 \quad 0.39747437E + 02 - 0.62018460E + 00 \quad 0.13534975E + 00 - 0.96695199E - 04 + 0.06695199E - 0.
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      0.27283265E-07 0.10400389E-11-0.43556789E+05 0.44104969E+02
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c10h19oDqjF 11/29/2007 c 10h 19o 3
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      0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
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-0.40878191E+05 \quad 0.40099800E+02-0.90288764E+00 \quad 0.13731328E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.101410E-0.10141740E-0.10141740E-0.101410E-0.10141740E-0.10141740E-0.10141740E-0.10141740E
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      0.31999924E-07-0.62966440E-12-0.43526574E+05 0.45301575E+02
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c10h19oDqjA 11/30/2007 c 10h 19o 3
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      0.65662427E+01 0.87472498E-01-0.33205844E-04 0.57277765E-08-0.37281799E-12
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 -0.40274742E+05 0.18261177E+02-0.55842996E+00 0.13398135E+00-0.97136617E-04
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      0.30928867E-07-0.11021443E-11-0.41248641E+05 0.44715187E+02
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c10h19oAqjD 11/30/2007 c 10h 19o
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      0.13610016E+02 0.76522157E-01-0.27962642E-04 0.46960809E-08-0.30001313E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
-0.41543164E + 05 - 0.21350815E + 02 - 0.46365151E + 00 \\ 0.13528731E + 00 - 0.98818942E - 04 \\ 0.13528731E + 00 \\ 0.98818942E - 04 \\ 0.988182E - 0
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      0.32566334E-07-0.20572838E-11-0.39849418E+05 0.43678860E+02
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c10h19oEqjB 11/30/2007 c 10h 19o
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      0.26289754E+01 0.94653681E-01-0.36871148E-04 0.64748149E-08-0.42669050E-12
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-0.41175219E+05 0.39750198E+02-0.81343758E+00 0.13669321E+00-0.99928206E-04
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      0.30514492E-07-0.10455023E-12-0.43807898E+05 0.44924789E+02
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c10h19oBqjE 11/30/2007 c 10h 19o
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-0.45736281E + 05 - 0.28880981E + 02 - 0.30575275E + 00 \\ 0.13186385E + 00 - 0.90947113E - 04 \\ -0.45736281E + 05 - 0.28880981E + 02 - 0.30575275E + 00 \\ -0.45736281E + 05 - 0.28880981E + 02 - 0.30575275E + 00 \\ -0.45736281E + 05 - 0.28880981E + 02 - 0.30575275E + 00 \\ -0.45736281E + 00 - 0.90947113E - 04 \\ -0.45736281E + 0.00947114 + 0.0094712 + 0.00947114 \\ -0.45736281E + 0.00947114 + 0.00947114 + 0.00947114 \\ -0.45736281E + 0.00947114 + 0.0094714 + 0.00947114 \\ -0.45736281E + 0.00947114 + 0.0094714 + 0.0094714 + 0.0094714 \\ -0.45736281E + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 + 0.0094714 +
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      0.25869738E-07-0.54669976E-13-0.43397633E+05 0.43060841E+02
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c10h19oFqjC
                                                                                  11/16/07 c 10h 19o
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      0.26289754E + 01 \quad 0.94653681E - 01 - 0.36871148E - 04 \quad 0.64748149E - 08 - 0.42669050E - 12 - 0.042669050E - 0.0426690E - 0.0426600E 
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-0.40903648E+05 \quad 0.39748398E+02-0.70980597E+00 \quad 0.13596617E+00-0.98163357E-04
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      0.28737150E-07 0.52914129E-12-0.43547125E+05 0.44485767E+02
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c10h19oCajF
       \texttt{0.25660179E+01} \ \ \texttt{0.94763122E-01-0.36931320E-04} \ \ \texttt{0.64882340E-08-0.42774326E-12} 
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-0.40878191E+05 \quad 0.40099800E+02-0.90288764E+00 \quad 0.13731328E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.101410E-0.10141740E-0.10141740E-0.1014100E-0.10141740E-0.1014100E-0.101400E-0.101400E-0.1
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      0.31999924E-07-0.62966440E-12-0.43526574E+05 0.45301575E+02
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c10h19oDqjG
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      0.25660179E + 01 \quad 0.94763122E - 01 - 0.36931320E - 04 \quad 0.64882340E - 08 - 0.42774326E - 12 - 0.42774326E - 0.42774426E - 0.42
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-0.40878191E+05 \quad 0.40100044E+02-0.90288764E+00 \quad 0.13731328E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-03E+00-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141730E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.101410E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.10141740E-0.1014174
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      0.31999924E-07-0.62966440E-12-0.43526574E+05 0.45301815E+02
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      0.65662427E+01 0.87472498E-01-0.33205844E-04 0.57277765E-08-0.37281799E-12
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-0.40274926E+05 \quad 0.18260353E+02-0.45374015E+00 \quad 0.13326257E+00-0.95427269E-04E-00.46274926E+00-0.95427269E-04E-00.46274926E+00-0.95427269E-04E-00.46274926E+00-0.95427269E-04E-00.46274926E-04E-00.46274926E-00-0.95427269E-04E-00.46274926E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-04E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427469E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.95427269E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.9542749E-00-0.954
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      0.29238231E-07-0.50864738E-12-0.41259953E+05 0.44270462E+02
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                                                                                         11/21/07 c 10h 19o
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      0.13610016E+02 0.76522157E-01-0.27962642E-04 0.46960809E-08-0.30001313E-12
-0.41543164E + 05 - 0.21350891E + 02 - 0.46365151E + 00 \\ 0.13528731E + 00 - 0.98818942E - 04 \\ -0.41543164E + 05 - 0.21350891E + 02 - 0.46365151E + 00 \\ -0.41543164E + 05 - 0.21350891E + 02 - 0.46365151E + 00 \\ -0.41543164E + 05 - 0.21350891E + 02 - 0.46365151E + 00 \\ -0.41543164E + 05 - 0.21350891E + 02 - 0.46365151E + 00 \\ -0.41543164E + 00 - 0.46365151E + 00 \\ -0.4154464E + 00 - 0.46365151E + 00 \\ -0.4154464E + 00 - 0.46365151E + 00 \\ -0.4154464E + 00 - 0.46365151E + 00 \\ -0.4154644E + 0.463651E + 0.46361E +
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      0.32566334E-07-0.20572838E-11-0.39849418E+05 0.43678791E+02
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c10h19oBqiF
      0.14841763E+02 0.74333802E-01-0.26906631E-04 0.44921018E-08-0.28598269E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
3
      0.27326923E-07-0.56672630E-12-0.43387945E+05 0.43442039E+02
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c10h19oFqjB
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      0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
-0.41149848E+05 \quad 0.40102135E+02-0.94730365E+00 \quad 0.13762265E+00-0.10216190E-03
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      0.32743547E-07-0.89276378E-12-0.43793590E+05 0.45491550E+02
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c10h19oCaiG
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0.31999924E-07-0.62966440E-12-0.43526574E+05 0.45301815E+02
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    0.25660179E+01 0.94763122E-01-0.36931320E-04 0.64882340E-08-0.42774326E-12
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-0.40878246E + 05 \quad 0.40100426E + 02 - 0.87275076E + 00 \quad 0.13710858E + 00 - 0.10093494E - 03 + 0.00093494E - 0.0009344E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.000934E - 0.00094E - 0.0009
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    0.31526415E-07-0.46446598E-12-0.43529867E+05 0.45174076E+02
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Dc10h18oAqB 11/29/2007 c 10h 19o
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    0.60599445E + 02 \quad 0.58821747E - 02 - 0.44944431E - 06 \quad 0.17142546E - 10 - 0.72376947E - 16 \quad 0.60599445E + 02 \quad 0.58821747E - 02 - 0.44944431E - 06 \quad 0.17142546E - 10 - 0.72376947E - 16 \quad 0.60599445E + 02 \quad 0.58821747E - 02 - 0.44944431E - 06 \quad 0.17142546E - 10 - 0.72376947E - 16 \quad 0.60599445E + 0.60596E + 0.60596
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    0.41620812E-07-0.11393483E-10 0.00000000E+00 0.34954460E+02
Ec10h18oAqB 11/29/2007 c 10h 19o
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    0.41620812E-07-0.11393483E-10-0.33731750E+05 0.34954460E+02
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Ec10h18oAqC 11/29/2007 c 10h 19o
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    0.14546657E+02 0.73870048E-01-0.26529617E-04 0.44021791E-08-0.27893375E-12
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-0.35768750E+05-0.22215637E+02-0.20842986E-01 0.14151256E+00-0.12141731E-03
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   0.55703882E - 07 - 0.98050639E - 11 - 0.34313473E + 05 \quad 0.43495388E + 02
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Fc10h18oAqC 11/29/2007 c 10h 19o
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    0.14546657E+02 0.73870048E-01-0.26529617E-04 0.44021791E-08-0.27893375E-12
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    0.55703882E-07-0.98050639E-11-0.34313473E+05 0.43495388E+02
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    0.14255374E+02 0.75461350E-01-0.27449150E-04 0.45948343E-08-0.29286954E-12
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-0.38998758E+05-0.23176147E+02 0.57834171E-01 0.13970569E+00-0.11414410E-03
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   0.48271708E-07-0.73655058E-11-0.37529762E+05 0.41209316E+02
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Bc10h18oAqE
   0.14255374E+02 0.75461350E-01-0.27449150E-04 0.45948343E-08-0.29286954E-12
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3
   0.46577767E-07-0.67708495E-11-0.37541094E+05 0.40760990E+02
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Cc10h18oBqA 11/29/2007 c 10h 19o
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   0.14198792E + 02 \quad 0.74763820E - 01 - 0.27000528E - 04 \quad 0.44973345E - 08 - 0.28568757E - 12 - 0.28568757E - 0.285687E - 0.2856
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-0.39901023E+05-0.23118027E+02 0.12420368E+01 0.13265531E+00-0.10400027E-03
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   0.42199478E-07-0.59688907E-11-0.38512324E+05 0.35845871E+02
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Ac10h18oBqC 11/29/2007 c 10h 19o
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   0.21558483E-07-0.35200673E-11-0.37355852E+05 0.36011333E+02
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Ac10h18oBqD 11/29/2007 c 10h 19o
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   2
-0.40420672E + 05 - 0.33029037E + 02 \quad 0.12179019E + 00 \quad 0.13480555E + 00 - 0.99087389E - 04 \quad 0.12179019E + 00 \quad 0.12179019E + 0.00179019E + 0.0
                                                                                                                                                                                                                                                                                                    3
   0.33180289E - 07 - 0.23086483E - 11 - 0.38013031E + 05 \quad 0.41849510E + 02
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Ac10h18oBqE 11/30/2007 c 10h 19o
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    0.15898907E+02 0.73133916E-01-0.26375337E-04 0.43870805E-08-0.27831283E-12
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3
   0.37928814E-07-0.39814389E-11-0.37982094E+05 0.43072025E+02
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Cc10h18oBqE 11/30/2007 c 10h 19o
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    0.15558794E+02 0.73151924E-01-0.26324526E-04 0.43747899E-08-0.27751599E-12
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-0.43218672E + 05 - 0.31316864E + 02 \quad 0.27545649E + 00 \quad 0.13600235E + 00 - 0.10571947E - 031218672E + 00 - 0.10571947E - 0.10571947E
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    0.41076461E-07-0.51956824E-11-0.41087348E+05 0.40099388E+02
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Cc10h18oBqF
                                                       11/21/07 c 10h 19o
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    0.15558794E+02 0.73151924E-01-0.26324526E-04 0.43747899E-08-0.27751599E-12
                                                                                                                                                                                                                                                                                                    2
-0.43218340E + 05 - 0.31327682E + 02 \quad 0.81102572E - 01 \quad 0.13734944E + 00 - 0.10895258E - 03 + 0.00895258E - 0.0089644 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.0089684 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.008968 + 0.0
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   0.44300272E-07-0.63352912E-11-0.41066539E+05 0.40910889E+02
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Dc10h18oCqA 11/29/2007 c 10h 19o
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    0.72290835E+01 0.86372748E-01-0.32662851E-04 0.56188876E-08-0.36503409E-12
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-0.37732309E+05 0.16135651E+02 0.17851977E+00 0.13708742E+00-0.10948983E-03
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    0.43761226E-07-0.54134778E-11-0.38955988E+05 0.41086044E+02
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Dc10h18oCqB 11/29/2007 c 10h 19o
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    0.65944180E+01 0.88532999E-01-0.33913569E-04 0.58878178E-08-0.38501594E-12
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-0.39051668E+05 0.18659958E+02-0.15769581E+01 0.14496662E+00-0.11879877E-03
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    0.48195162E-07-0.61409055E-11-0.40227695E+05 0.48451332E+02
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c 10h 19o
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Ec10h18oCaB
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   0.69647241E+01 0.86744048E-01-0.32841890E-04 0.56553571E-08-0.36771354E-12
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-0.35847066E+05 0.19415245E+02-0.20632010E+01 0.14942405E+00-0.13226985E-03
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   0.61728009E-07-0.10721295E-10-0.36963934E+05 0.52709446E+02
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   0.73542495E+01 0.86708277E-01-0.32919601E-04 0.56795244E-08-0.36976224E-12
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-0.34938070E+05 0.16936989E+02-0.15978953E+01 0.14523955E+00-0.11959933E-03
                                                                                                                                                                                                                                                                       3
    \texttt{0.48333071E-07-0.59917427E-11-0.35897301E+05} \ \ \texttt{0.50772453E+02} 
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Bc10h18oCqD 11/29/2007 c 10h 19o 3
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   0.64731550E+01 0.88830590E-01-0.34062603E-04 0.59157754E-08-0.38682241E-12
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-0.39060289E + 05 \quad 0.19391937E + 02 - 0.41643575E + 00 \quad 0.13666579E + 00 - 0.99938828E - 04 \\ -0.39060289E + 05 \quad 0.19391937E + 02 - 0.41643575E + 00 \\ -0.39060289E + 05 \quad 0.19391937E + 02 - 0.41643575E + 00 \\ -0.39060289E + 05 \quad 0.19391937E + 02 - 0.41643575E + 00 \\ -0.39060289E + 00 - 0.99938828E - 04 \\ -0.39060289E + 0.00068828E - 0.00068828
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   0.30683797E-07-0.29701252E-12-0.40339523E+05 0.43808002E+02
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   0.71546578E + 01 \quad 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 08 - 0.36468531E - 08 - 0.36468531E - 08 - 0.36468531E - 0.006684215E - 0.006684215E
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-0.35922336E+05 0.18356186E+02-0.21712713E+01 0.15017383E+00-0.13407606E-03
                                                                                                                                                                                                                                                                       3
   0.63541158E-07-0.11368016E-10-0.36952352E+05 0.53167191E+02
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Gc10h18oCqD
                                                                               c 10h 19o
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   0.71546578E + 01 \quad 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 12 \\ 0.86415119E - 01 - 0.32664215E - 04 \quad 0.56163243E - 08 - 0.36468531E - 08 - 0.36468531E - 08 - 0.36468531E - 08 - 0.36468531E - 0.006684215E - 0.006684215E
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-0.35922336E+05 0.18356186E+02-0.21712713E+01 0.15017383E+00-0.13407606E-03
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   0.63541158E-07-0.11368016E-10-0.36952352E+05 0.53167191E+02
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Bc10h18oCqE 11/29/2007 c 10h 19o
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                                                                                                                                            0G
                                                                                                                                                               300.000 5000.000 1000.000
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   0.28939755E+01 0.94326168E-01-0.36732945E-04 0.64502053E-08-0.42510296E-12
                                                                                                                                                                                                                                                                      2.
3
   0.31601722E-07-0.59498337E-12-0.41317180E+05 0.38154263E+02
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Dc10h18oCqF
                                              11/16/07 c 10h 19o
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                                                                                                                                                               300.000 5000.000 1000.000
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   0.33085968E+01 0.93511283E-01-0.36292822E-04 0.63560823E-08-0.41803033E-12
                                                                                                                                                                                                                                                                      2
-0.38366004E+05 0.37532394E+02-0.32090518E+00 0.14147466E+00-0.11628061E-03
                                                                                                                                                                                                                                                                      3
   0.47320416E-07-0.58166809E-11-0.41216949E+05 0.42329502E+02
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                                             11/21/07 c 10h 19o
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Dc10h18oCaG
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   0.33085968E+01 \quad 0.93511283E-01-0.36292822E-04 \quad 0.63560823E-08-0.41803033E-12
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-0.38366336E+05 \quad 0.37516663E+02-0.11904581E+00 \quad 0.14007202E+00-0.11290659E-03
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   0.43949530E-07-0.46229813E-11-0.41238508E+05 0.41460224E+02
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Cc10h18oDqA 11/30/2007 c 10h 19o
                                                                                                                                            OG 300.000 5000.000 1000.000
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                                                                                                                         3
   0.73698988E + 01 \quad 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.32514119E - 04 \quad 0.55835496E - 08 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.36211965E - 12 \\ 0.86120814E - 01 - 0.36211965E - 01 - 0.36211965E - 01 \\ 0.86120814E - 01 - 0.36211965E - 01 - 0.36211965E - 01 - 0.36211965E - 01 \\ 0.86120814E - 01 - 0.36211965E - 01 - 0.36211965E - 01 - 0.36211965E - 01 - 0.36211965E - 01 \\ 0.86120814E - 0.000814E - 0.000
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-0.37788367E + 05 \quad 0.15373085E + 02 \quad 0.55137757E - 01 \quad 0.13794428E + 00 - 0.11155384E - 03 - 0.12155384E - 00 - 0.12155384E - 0.00 - 0.1215544E - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00 - 0.00
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   0.45826575 \mathtt{E} - 07 - 0.61457892 \mathtt{E} - 11 - 0.38942785 \mathtt{E} + 05 \quad 0.41629635 \mathtt{E} + 02
                                                                                                                                                                                                                                                                      4
Ec10h18oDqA 11/30/2007 c 10h 19o
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                                                                                                                                            OG 300.000 5000.000 1000.000
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   2.
3
   0.44147157E - 07 - 0.55508731E - 11 - 0.38953516E + 05 \quad 0.41179298E + 02
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Ec10h18oDqB 11/29/2007 c 10h 19o
                                                                                                                          3
                                                                                                                                            OG 300.000 5000.000 1000.000
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   0.32401638E+01 \quad 0.93631983E-01-0.36363053E-04 \quad 0.63725580E-08-0.41937466E-12
                                                                                                                                                                                                                                                                       2
3
   0.49459938E-07-0.65697335E-11-0.41475156E+05 0.42870693E+02
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                                                                               c 10h 19o
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   0.76534152E+01 0.86182326E-01-0.32621298E-04 0.56110112E-08-0.36425523E-12
                                                                                                                                                                                                                                                                       2
   0.00000000E+00 0.15269066E+02-0.16669183E+01 0.14572233E+00-0.12077184E-03
                                                                                                                                                                                                                                                                       3
   0.49518643E-07-0.64172057E-11 0.00000000E+00 0.51064266E+02
                                                                                                                                                                                                                                                                       4
Ec10h18oDqC 11/29/2007 c 10h 19o
                                                                                                                                                               300.000 5000.000 1000.000
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                                                                                                                                              0G
   0.68871927E+01 0.88027030E-01-0.33642151E-04 0.58286367E-08-0.38045519E-12
-0.39167941E+05 0.17022377E+02-0.15876504E+01 0.14504860E+00-0.11902453E-03
                                                                                                                                                                                                                                                                       3
   0.48456805E-07-0.62480494E-11-0.40226617E+05 0.48491642E+02
                                                                               c 10h 19o
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   0.71495996E+01 0.86431995E-01-0.32685606E-04 0.56236060E-08-0.36541709E-12
                                                                                                                                                                                                                                                                       2
-0.35920445E+05 0.18382072E+02-0.20331578E+01 0.14923453E+00-0.13186740E-03
                                                                                                                                                                                                                                                                       3
   0.61383815E-07-0.10620530E-10-0.36967391E+05 0.52579723E+02
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Bc10h18oDaE
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   0.68487387E+01 0.87025613E-01-0.32969456E-04 0.56759797E-08-0.36878717E-12
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3
   0.41486828E-07-0.39139542E-11-0.37097676E+05 0.47077896E+02
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Cc10h18oDqE 11/29/2007 c 10h 19o 3
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                                                                                                                                                               300.000 5000.000 1000.000
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0.67691369E+01 0.88221565E-01-0.33733664E-04 0.58458682E-08-0.38160436E-12
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-0.39121492E + 05 \quad 0.17693909E + 02 - 0.17360258E + 01 \quad 0.14602192E + 00 - 0.12127692E - 03 - 0.12127692E - 0.1212762E - 0.12127692E - 0.1212762E - 0.1212762E - 0.1212762E - 0.1212762E - 0.12127
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  0.50634796E-07-0.69964967E-11-0.40209672E+05 0.49140850E+02
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                                          c 10h 19o
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Gc10h18oDaE
  0.70995660E+01 0.86506851E-01-0.32707172E-04 0.56243827E-08-0.36522274E-12
                                                                                                                                            2
  0.00000000E+00 0.18662491E+02-0.18741750E+01 0.14811198E+00-0.12911898E-03
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  0.58587037E-07-0.96119623E-11 0.00000000E+00 0.51909134E+02
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Hc10h18oDqE
                                          c 10h 19o
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  0.70995660E+01 0.86506851E-01-0.32707172E-04 0.56243827E-08-0.36522274E-12
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3
  0.58587037E-07-0.96119623E-11-0.36984129E+05 0.51909134E+02
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Cc10h18oDqF 11/29/2007 c 10h 19o
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  0.32387693E+01 0.93634509E-01-0.36364861E-04 0.63730714E-08-0.41942353E-12
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3
  0.50748366E-07-0.70242085E-11-0.41193621E+05 0.43246284E+02
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Ec10h18oDqG
                          11/15/07 c 10h 19o
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                                                                                     300.000 5000.000 1000.000
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  0.32744839E+01 0.93571454E-01-0.36327830E-04 0.63642958E-08-0.41870047E-12
                                                                                                                                            2
-0.38351871E+05 0.37750641E+02-0.35759521E+00 0.14173228E+00-0.11689104E-03
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  0.47917705E-07-0.60237106E-11-0.41213148E+05 0.42511047E+02
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Ec10h18oDaH
                          11/21/07 c 10h 19o
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  0.32744839E+01 0.93571454E-01-0.36327830E-04 0.63642958E-08-0.41870047E-12
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  0.47174080E-07-0.57606112E-11-0.41217875E+05 0.42308041E+02
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Dc10h18oEqA
                          11/21/07 c 10h 19o
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  0.72290835E+01 0.86372748E-01-0.32662851E-04 0.56188876E-08-0.36503409E-12
                                                                                                                                            2
-0.37732016E+05 0.16155029E+02 0.10366401E-01 0.13826062E+00-0.11232212E-03
                                                                                                                                            3
 0.46599517E-07-0.64210386E-11-0.38938105E+05 0.41815704E+02
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Dc10h18oEqB 11/30/2007 c 10h 19o
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 0.49063939E-07-0.64381027E-11-0.41478547E+05 0.42827549E+02
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Fc10h18oEqB 11/30/2007 c 10h 19o
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 0.32731922E+01 0.93575150E-01-0.363333338E-04 0.63662391E-08-0.41889764E-12
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3
 {\tt 0.51291686E-07-0.72215862E-11-0.41463535E+05\ 0.43333958E+02}
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Fc10h18oEqC 11/29/2007 c 10h 19o
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 0.51291686E - 07 - 0.72215862E - 11 - 0.41191793E + 05 \quad 0.43333958E + 02
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Ac10h18oEqD
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 0.76534152E+01 \quad 0.86182326E-01-0.32621298E-04 \quad 0.56110112E-08-0.36425523E-12
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 0.49518643E-07-0.64172057E-11-0.35889965E+05 0.51064266E+02
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 0.61383815E-07-0.10620530E-10-0.36967391E+05 0.52579723E+02
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Fc10h18oEqD 11/29/2007 c 10h 19o
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  0.68735709E+01 0.88050365E-01-0.33655444E-04 0.58317053E-08-0.38070260E-12
                                                                                                                                            2
-0.39162367E + 05 \quad 0.17101906E + 02 - 0.15892798E + 01 \quad 0.14505927E + 00 - 0.11905435E - 03 \\ -0.39162367E + 05 \quad 0.17101906E + 02 - 0.15892798E + 01 \quad 0.14505927E + 00 - 0.11905435E - 03 \\ -0.39162367E + 05 \quad 0.17101906E + 02 - 0.15892798E + 01 \quad 0.14505927E + 00 - 0.11905435E - 03 \\ -0.39162367E + 0.00067E + 0.0
                                                                                                                                            3
  0.48492041E-07-0.62624372E-11-0.40226406E+05 0.48502068E+02
Gc10h18oEqD
                                          c 10h 19o
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  0.71495996E+01 0.86431995E-01-0.32685606E-04 0.56236060E-08-0.36541709E-12
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-0.35920445E+05 0.18382072E+02-0.20331578E+01 0.14923453E+00-0.13186740E-03
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  0.61383815E-07-0.10620530E-10-0.36967391E+05 0.52579723E+02
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Cc10h18oEaF
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  0.70995660E+01 0.86506851E-01-0.32707172E-04 0.56243827E-08-0.36522274E-12
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  0.58587037E-07-0.96119623E-11-0.36984129E+05 0.51909134E+02
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Dc10h18oEqF
                                          c 10h 19o
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  0.67325392E+01 0.88289700E-01-0.33775170E-04 0.58559695E-08-0.38245299E-12
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-0.39107113E+05 0.17884216E+02-0.16175516E+01 0.14523797E+00-0.11945122E-03
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    0.48855718E-07-0.63791572E-11-0.40223070E+05 0.48620285E+02
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Hc10h18oEqF
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-0.35901258E + 05 \quad 0.18662491E + 02 - 0.18741750E + 01 \quad 0.14811198E + 00 - 0.12911898E - 03 \\ -0.35901258E + 05 \quad 0.18662491E + 02 - 0.18741750E + 01 \\ -0.35901258E + 05 \quad 0.18662491E + 02 - 0.18741750E + 01 \\ -0.35901258E + 05 \quad 0.18662491E + 02 - 0.18741750E + 01 \\ -0.35901258E + 05 \quad 0.18662491E + 02 - 0.18741750E + 01 \\ -0.35901258E + 00 - 0.18662491E + 02 - 0.18741750E + 01 \\ -0.35901258E + 00 - 0.18662491E + 0.08662491E + 0.086662491E + 0.08662491E + 0.08662491E + 0.08662491E + 0.08662491E + 0.08662491E + 0.08662491E 
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    0.41486828E-07-0.39139542E-11-0.37097676E+05 0.47077896E+02
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                                                        11/21/07 c 10h 19o 3 0G
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Ec10h18oFqB
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    2
3
    0.46164512E-07-0.54048246E-11-0.41496574E+05 0.42077744E+02
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Ec10h18oFqC
                                                       11/16/07 c 10h 19o 3
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    0.33501017E+01 0.93438067E-01-0.36252663E-04 0.63471268E-08-0.41732514E-12
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 -0.38381418E+05 0.37365021E+02-0.50221032E+00 0.14274554E+00-0.11933968E-03
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    0.50372538E-07-0.68955818E-11-0.41197871E+05 0.43156319E+02
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Gc10h18oFqD 11/29/2007 c 10h 19o
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    0.32542059E+01 0.93609728E-01-0.36354275E-04 0.63713381E-08-0.41932763E-12
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3
    0.44290388E-07-0.47468986E-11-0.41236574E+05 0.41551350E+02
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Dc10h18oFqE 11/29/2007 c 10h 19o
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    0.67325392E+01 0.88289700E-01-0.33775170E-04 0.58559695E-08-0.38245299E-12
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-0.39107113E+05 0.17884216E+02-0.16175516E+01 0.14523797E+00-0.11945122E-03
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    0.48855718E-07-0.63791572E-11-0.40223070E+05 0.48620285E+02
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c10h18oAaBaiD
    0.16474442E + 02 \quad 0.80075324E - 01 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.31774258E - 0.31774258E - 12 - 0.31774258E - 0.
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    0.38824126E-07-0.22071060E-11-0.52081664E+05 0.48159500E+02
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c10h18oAqBqjE
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    0.16474442E + 02 \quad 0.80075324E - 01 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.29432053E - 04 \quad 0.49616555E - 08 - 0.31774258E - 12 - 0.31774258E - 0.31774258E - 12 - 0.31774258E -
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-0.53876559E + 05 - 0.28459183E + 02 - 0.26915088E + 00 \\ 0.15181664E + 00 - 0.11646116E - 03 \\ 0.15181664E + 0.01664616E - 0.01666616E - 0.01666616E - 0.01666616E - 0.01666616E - 0.01666616E - 0.01666616E - 0.01
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    0.38824126E-07-0.22071060E-11-0.52081664E+05 0.48159554E+02
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c10h18oAqCqjE
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-0.53103340E+05-0.84511566E+01 0.12289592E+01 0.14663866E+00-0.10984705E-03
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    0.33805943E-07-0.39617617E-12-0.53096863E+05 0.41015633E+02
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c10h18oAqCqjF
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    0.33805943E-07-0.39617617E-12-0.53096863E+05 0.40322689E+02
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    0.16474442E+02 0.80075324E-01-0.29432053E-04 0.49616555E-08-0.31774258E-12
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-0.45724266E + 05 - 0.29151047E + 02 - 0.31377134E + 00 \quad 0.15212741E + 00 - 0.11720909E - 0312741E + 00 - 0.11720909E - 0.117209E - 0.11720909E - 0.117209E - 0.1172000E - 0.117200E - 0.11
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    0.39571045E-07-0.24713645E-11-0.43924707E+05 0.47656193E+02
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c10h18oAqEqjB 11/21/07 c 10h 19o
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-0.45724266E + 05 - 0.29151047E + 02 - 0.31377134E + 00 \quad 0.15212741E + 00 - 0.11720909E - 0312741E + 00 - 0.11720909E - 0.117209E - 0.11720909E - 0.117209E - 0.1172000E - 0.117200E - 0.11
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    0.39571045E-07-0.24713645E-11-0.43924707E+05 0.47656193E+02
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    0.16453438E+02 0.79322897E-01-0.28974737E-04 0.48669020E-08-0.31108156E-12
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-0.54794824E+05-0.28370468E+02 0.10209477E+01 0.14386408E+00-0.10400395E-03
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    0.30387369E-07 0.31546560E-13-0.53071832E+05 0.42614330E+02
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c10h18oBaCajA
    0.16453438E+02 0.79322897E-01-0.28974737E-04 0.48669020E-08-0.31108156E-12
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    0.31607801E-07-0.39791079E-12-0.53063789E+05 0.42239914E+02
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c10h18oBqDqjA
    0.12903053E+02 0.84676765E-01-0.31483654E-04 0.53521156E-08-0.34483557E-12
                                                                                                                                                                                                                                                                                                                                   2.
-0.53992492E + 05 - 0.86731720E + 01 \quad 0.19531467E + 01 \quad 0.14260995E + 00 - 0.10680299E - 03 \quad 0.14260995E + 00 - 0.10680299E - 0.1068029E - 0.1068020E - 
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0.34742559E-07-0.14641210E-11-0.54026488E+05 0.37175579E+02
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c10h18oBqEqjA
   0.13109145E+02 0.84327959E-01-0.31307645E-04 0.53159548E-08-0.34218667E-12
                                                                                                                                                                                                                                                                                                                      2
-0.54074977E + 05 - 0.98265381E + 01 \quad 0.23858290E + 01 \quad 0.13962570E + 00 - 0.99683646E - 04 \quad 0.13962570E + 00 - 0.99683646E - 0.006866E - 0.006866E - 0.00686E - 0
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   0.27691881E-07 0.10102370E-11-0.54073000E+05 0.35341022E+02
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c10h18oBqEqjC
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   0.17633001E+02 0.77989809E-01-0.28403843E-04 0.47584860E-08-0.30345380E-12
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-0.58038805 \pm +05 -0.36265228 \pm +02 -0.21779743 \pm +00 \\ 0.14909220 \pm +00 -0.11016779 \pm -03 \\ 0.14909220 \pm +00 -0.11016779 \pm -03 \\ 0.14909220 \pm +00 \\ 0.1490920 \pm +00 \\ 0.14900 \pm +00 \\ 0.1
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   {\tt 0.33604319E-07-0.69386299E-12-0.55617922E+05\ 0.47305637E+02}
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   0.17633001E+02 0.77989809E-01-0.28403843E-04 0.47584860E-08-0.30345380E-12
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-0.58038805 \pm +05 -0.35572144 \pm +02 -0.21779743 \pm +00 \\ 0.14909220 \pm +00 -0.11016779 \pm -03 \\ 0.14909220 \pm +00 -0.11016779 \pm -03 \\ 0.14909220 \pm +00 \\ 0.1490920 \pm +00 \\ 0.14900 \pm +00 \\ 0.1
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   0.33604319E-07-0.69386299E-12-0.55617922E+05 0.47998718E+02
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   0.94926062E+01 0.90945147E-01-0.34662495E-04 0.59959833E-08-0.39105522E-12
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-0.52634867E+05 0.10797241E+02-0.15589896E+00 0.14909208E+00-0.11143288E-03
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   0.33909693E-07-0.11426500E-12-0.53503484E+05 0.48311241E+02
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c10h18oCqBqjD
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   0.61390350E+02 0.11732307E-01-0.16209029E-05 0.13397226E-09-0.54465523E-14
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   0.14127929E-07 0.69286428E-12-0.55265328E+05 0.37860649E+02
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   0.51436539E+01 0.98838240E-01-0.38697381E-04 0.68202568E-08-0.45062961E-12
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-0.53102488E+05 0.34578133E+02-0.74260104E+00 0.15404968E+00-0.11947558E-03
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   0.38588965E-07-0.86721483E-12-0.55754754E+05 0.49931187E+02
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-0.52634680E + 05 \quad 0.10105682E + 02 - 0.26058877E + 00 \quad 0.14981085E + 00 - 0.11314222E - 03 - 0.14981085E + 00 - 0.11314222E - 0.10105682E + 0.1010682E + 0.101068
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   0.35600333E-07-0.70776165E-12-0.53492172E+05 0.48063580E+02
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   0.61390350E + 02 \quad 0.11732307E - 01 - 0.16209029E - 05 \quad 0.13397226E - 09 - 0.54465523E - 14 - 0.061390350E + 0.06139050E + 0.06139050E + 0.06139050E + 0.061390E + 0.061490E + 0.061
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-0.75732812E+05-0.28404303E+03 0.18619918E+01 0.13548641E+00-0.83757448E-04
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   0.19118190E-07-0.10794259E-11-0.55233918E+05 0.38418903E+02
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-0.53224273\mathtt{E}+05 \quad 0.32169853\mathtt{E}+02-0.72915387\mathtt{E}+00 \quad 0.15397978\mathtt{E}+00-0.11937213\mathtt{E}-03
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   0.38554703E-07-0.88005829E-12-0.55756500E+05 0.49178181E+02
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   0.38081197E - 07 - 0.71485949E - 12 - 0.55759793E + 05 \quad 0.49050201E + 02
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   0.51436539E+01 0.98838240E-01-0.38697381E-04 0.68202568E-08-0.45062961E-12
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   0.40279598E-07-0.14607114E-11-0.55743441E+05 0.49684860E+02
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   0.54511390E + 01 0.98308004E - 01 - 0.38416278E - 04 0.67598243E - 08 - 0.44603568E - 12
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3
   0.38554703 \\ \text{E}-07-0.88005829 \\ \text{E}-12-0.55756500 \\ \text{E}+05 \\ 0.49871265 \\ \text{E}+02
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-0.53224273E+05 0.32862938E+02-0.72915387E+00 0.15397978E+00-0.11937213E-03
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   0.38554703E-07-0.88005829E-12-0.55756500E+05 0.49871265E+02
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   0.35600333E-07-0.70776165E-12-0.53492172E+05 0.48755787E+02
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-0.52634859E + 05 \quad 0.10104218E + 02 - 0.15589896E + 00 \quad 0.14909208E + 00 - 0.11143288E - 03 - 0.10104218E + 0.
                                                                                                                                                                                                                                                                                                                      3
    \texttt{0.33909693E-07-0.11426500E-12-0.53503477E+05} \ \ \texttt{0.47618214E+02} 
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c10h18oDqBqjE
  0.54605327E+01 0.98287731E-01-0.38398270E-04 0.67543424E-08-0.44551006E-12
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-0.53500074E+05 \quad 0.32810768E+02-0.70271552E+00 \quad 0.15378655E+00-0.11888209E-03
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  0.38039776E-07-0.68907336E-12-0.56030941E+05 0.49760487E+02
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  0.61386299E+02 0.11739532E-01-0.16251262E-05 0.13494919E-09-0.55245877E-14
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-0.75731508E + 05 - 0.28333060E + 03 \quad 0.20392663E + 01 \quad 0.13424979E + 00 - 0.80772734E - 04 \quad 0.13424979E + 0.00772734E - 0.0077274E - 0.007727E - 0.007727E - 0.00772E - 0.00772E - 0.00772E 
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  0.16127400E-07-0.17560843E-13-0.55252773E+05 0.38359943E+02
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-0.53224281E+05 0.32169853E+02-0.72915387E+00 0.15397978E+00-0.11937213E-03
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  0.38554703E-07-0.88005829E-12-0.55756508E+05 0.49178181E+02
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c10h18oDqEqjB
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  0.36337436E-07-0.84210782E-13-0.56041648E+05 0.48644169E+02
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c10h18oDqEqjC
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  0.61386299E+02 0.11739532E-01-0.16251262E-05 0.13494919E-09-0.55245877E-14
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-0.75731555E + 05 - 0.28402283E + 03 \quad 0.20694032E + 01 \quad 0.13404509E + 00 - 0.80290360E - 04 \quad 0.13404509E + 0.10404509E + 0.1040409E + 0.10404509E + 0.1040409E + 0.10404009E + 0.1040409E + 0.1040409E + 0.10404009E + 0.1040409E + 0.1040409E + 0.1040409E + 0.104040
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  0.15653896E-07 0.14763664E-12-0.55256066E+05 0.37539577E+02
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c10h18oDqEqiG
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  0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
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-0.53171633E+05 0.32894958E+02-0.88614529E+00 0.15507066E+00-0.12199651E-03
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  0.41176886E-07-0.18085662E-11-0.55739730E+05 0.49843021E+02
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c10h18oDqEqjH
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  0.42397314E-07-0.22380229E-11-0.55731691E+05 0.50160587E+02
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c10h18oDqFqjC
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  \tt 0.54511390E+01 \ 0.98308004E-01-0.38416278E-04 \ 0.67598243E-08-0.44603568E-12
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-0.53224145{\tt E} + 05 \quad 0.32864159{\tt E} + 02 - 0.80370677{\tt E} + 00 \quad 0.15449385{\tt E} + 00 - 0.12059910{\tt E} - 0380370677{\tt E} + 00 \quad 0.12059910{\tt E} - 0.02079{\tt E} - 0.
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   \texttt{0.39771830E-07-0.13083563E-11-0.55748488E+05} \ \texttt{0.50188244E+02} 
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c10h18oDqGqjE 11/15/07 c 10h 19o
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  0.41176886E - 07 - 0.18085662E - 11 - 0.55739730E + 05 \quad 0.50535679E + 02
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c10h18oDqHqjE 11/21/07 c 10h 19o
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  0.41176886E-07-0.18085662E-11-0.55739730E+05 0.50535679E+02
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c10h18oEqAqjD 11/21/07 c 10h 19o
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  0.94926062E+01 0.90945147E-01-0.34662495E-04 0.59959833E-08-0.39105522E-12
                                                                                                                                                                                                                                2
-0.52634867E + 05 \quad 0.10797272E + 02 - 0.15589896E + 00 \quad 0.14909208E + 00 - 0.11143288E - 03 - 0.14909208E + 00 - 0.11143288E - 0.14909208E + 0.14909208E
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  0.33909693E-07-0.11426500E-12-0.53503484E+05 0.48311275E+02
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c10h18oEqBqjD
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  0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
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-0.53443371E+05 0.33587601E+02-0.88614529E+00 0.15507066E+00-0.12199651E-03
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  0.41176886E-07-0.18085662E-11-0.56011469E+05 0.50535656E+02
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c10h18oEqBqjF
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-0.53443379E+05 0.33587753E+02-0.88614529E+00 0.15507066E+00-0.12199651E-03
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  0.41176886E-07-0.18085662E-11-0.56011477E+05 0.50535820E+02
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c10h18oEqCqjF
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  0.54511390E + 01 0.98308004E - 01 - 0.38416278E - 04 0.67598243E - 08 - 0.44603568E - 12
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  0.38554703E-07-0.88005829E-12-0.55756508E+05 0.49178181E+02
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c10h18oEqDqjA
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0.94926062E+01 0.90945147E-01-0.34662495E-04 0.59959833E-08-0.39105522E-12
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-0.52634867E+05 0.10104218E+02-0.15589896E+00 0.14909208E+00-0.11143288E-03
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    0.33909693E-07-0.11426500E-12-0.53503484E+05 0.47618214E+02
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    0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
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-0.53443293E+05 \quad 0.32897110E+02-0.93076569E+00 \quad 0.15538143E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.12274444E-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00E+00-0.00
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    0.41923805E-07-0.20728243E-11-0.56006719E+05 0.50033695E+02
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     \texttt{0.61386299E+02} \ \ \texttt{0.11739532E-01-0.16251262E-05} \ \ \texttt{0.13494919E-09-0.55245877E-14} 
                                                                                                                                                                                                                                                                                                                                               2
-0.75731508E + 05 - 0.28402353E + 03 \quad 0.20392663E + 01 \quad 0.13424979E + 00 - 0.80772734E - 04 \quad 0.13424979E + 0.10824979E + 0.10
                                                                                                                                                                                                                                                                                                                                               3
    0.16127400E-07-0.17560843E-13-0.55252773E+05 \quad 0.37667000E+02
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    0.38081197E-07-0.71485949E-12-0.55759801E+05 0.49050201E+02
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c10h18oEqFqjC
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    0.54511390E+01 0.98308004E-01-0.38416278E-04 0.67598243E-08-0.44603568E-12
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 -0.53224145E+05 0.32864159E+02-0.80370677E+00 0.15449385E+00-0.12059910E-03
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    0.39771830E - 07 - 0.13083563E - 11 - 0.55748488E + 05 0.50188244E + 02
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-0.75731508E + 05 - 0.28333017E + 03 \quad 0.20392663E + 01 \quad 0.13424979E + 00 - 0.80772734E - 04 \quad 0.13424979E + 0.00772734E - 0.0077274E - 0.00
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    0.16127400E-07-0.17560843E-13-0.55252773E+05 0.38360367E+02
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c10h18oEqFqjH
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    0.53214493E+01 0.98535828E-01-0.38547452E-04 0.67903265E-08-0.44850804E-12
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-0.53171500E+05 0.33588974E+02-0.96090257E+00 0.15558614E+00-0.12322681E-03
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    0.42397314E-07-0.22380229E-11-0.55731691E+05 0.50853668E+02
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c10h18oEqFqjI
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-0.53443293E+05 \quad 0.33590195E+02-0.93076569E+00 \quad 0.15538143E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-03E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12274444E-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-0.12E+00-
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    0.41923805E-07-0.20728243E-11-0.56006719E+05 0.50726768E+02
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c10h18oFqBqjE 11/21/07 c 10h 19o
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    {\tt 0.41176886E-07-0.18085662E-11-0.56011469E+05\ 0.49842552E+02}
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c10h18oFqCqjE 11/16/07 c 10h 19o
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-0.53224273E+05 \quad 0.32862755E+02-0.72915387E+00 \quad 0.15397978E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-03E+00-0.11937213E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.119212E-0.11920
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    0.38554703E-07-0.88005829E-12-0.55756500E+05 \quad 0.49871071E+02
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c10h18oFqDqjG
                                                                   11/2007 c 10h 19o
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    0.38081197E-07-0.71485949E-12-0.55759801E+05 0.49050201E+02
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c10h18oFqEqjD
                                                                   11/2007 c 10h 19o
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    0.61386299E+02 0.11739532E-01-0.16251262E-05 0.13494919E-09-0.55245877E-14
                                                                                                                                                                                                                                                                                                                                               2
-0.75731508E + 05 - 0.28333017E + 03 \quad 0.20392663E + 01 \quad 0.13424979E + 00 - 0.80772734E - 04 \quad 0.13424979E + 0.00772734E - 0.0077274E - 0.00772E - 0.00772E - 0.00772E - 0.00772E - 0.00
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    0.16127400E-07-0.17560843E-13-0.55252773E+05 0.38360367E+02
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c10h17oAoBqC
                                                               2/8 ThERMc 10h 18o
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    4.02467245E+01 4.19021674E-02-1.45744300E-05 2.28838497E-09-1.33816869E-13
                                                                                                                                                                                                                                                                                                                                               2
-8.07808900E + 04 - 1.71767668E + 02 - 2.02158295E - 01 \ 1.39172556E - 01 - 1.05822879E - 04 \ 1.39172556E - 01 - 1.05822879E - 01 \ 1.39172556E - 01 \ 1.3917256E - 
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    4.20332111E-08-6.88346110E-12-6.69261503E+04 4.46273101E+01
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c10h17oAoBqD 2/8 ThERMc 10h 18o
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    3.96421619E+01 4.23531381E-02-1.47146578E-05 2.30855543E-09-1.34917963E-13
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-8.11387174E+04-1.67803811E+02 1.90370700E+00 1.31916535E-01-9.78715425E-05
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    3.83339694E-08-6.25248879E-12-6.80345522E+04 3.46112616E+01
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c10h17oAoBqE 2/8 ThERMc 10h 18o
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    3.96421619E+01 4.23531381E-02-1.47146578E-05 2.30855543E-09-1.34917963E-13
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-8.11387174E + 04 - 1.67803811E + 02 1.90370700E + 00 1.31916535E - 01 - 9.78715425E - 05
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    3.83339694E-08-6.25248879E-12-6.80345522E+04 3.46112616E+01
c10h17oAoCaD
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    3.97452967E+01 4.23528026E-02-1.47356058E-05 2.31416032E-09-1.35343289E-13
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-8.32206407E+04-1.67824940E+02-9.93473887E-01 1.39863115E-01-1.05660655E-04
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    4.16539386E-08-6.77256023E-12-6.92229069E+04 5.02797382E+01
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c10h17oAoCqE
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    3.88881376E+01 4.29830446E-02-1.49292482E-05 2.34174115E-09-1.36836768E-13
                                                                                                                                                                                                                                                                                                                                                   2.
-8.34466958E + 04 - 1.62334656E + 02 \ 1.12079839E + 00 \ 1.32854800E - 01 - 9.88265784E - 05 \ 1.32854800E - 01 - 9.88265784E - 00 \ 1.32854800
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    3.89713984E-08-6.41291527E-12-7.03368353E+04 4.01831488E+01
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c10h17oAoCqF
    3.88881376E+01 4.29830446E-02-1.49292482E-05 2.34174115E-09-1.36836768E-13
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-8.34466958E + 04 - 1.62334656E + 02 \ 1.12079839E + 00 \ 1.32854800E - 01 - 9.88265784E - 05 \ 1.32854800E - 01 - 9.88265784E - 00 \ 1.32854800E - 00 \ 1.32854800
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    3.89713984E-08-6.41291527E-12-7.03368353E+04 4.01831488E+01
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    3.89524415E+01 4.29286893E-02-1.49099441E-05 2.33862034E-09-1.36649103E-13
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-8.34322831E + 04 - 1.62737516E + 02 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 2.31659508
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    3.91088109E-08-6.57174136E-12-7.07005372E+04 3.36628705E+01
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c10h17oAoDqC
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 -8.34322831E+04-1.62737516E+02 2.31659508E+00 1.30509755E-01-9.76319810E-05
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    3.91088109E-08-6.57174136E-12-7.07005372E+04 3.36628705E+01
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c10h17oAoDqE
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-8.34322831E+04-1.62737516E+02 2.31659508E+00 1.30509755E-01-9.76319810E-05
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    3.91088109E-08-6.57174136E-12-7.07005372E+04 3.36628705E+01
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c10h17oAoEqD
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-8.34322831E+04-1.62737516E+02 2.31659508E+00 1.30509755E-01-9.76319810E-05
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    3.91088109E-08-6.57174136E-12-7.07005372E+04 3.36628705E+01
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    3.89524415E+01 4.29286893E-02-1.49099441E-05 2.33862034E-09-1.36649103E-13
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-8.34322831E + 04 - 1.62737516E + 02 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 1.30509755E - 01 - 9.76319810E - 05 \ 2.31659508E + 00 \ 2.31659508
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    3.91088109E-08-6.57174136E-12-7.07005372E+04 3.36628705E+01
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c10h17oBoCgA
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    3.79065003E+01 4.40141568E-02-1.53293144E-05 2.40886578E-09-1.40936132E-13
                                                                                                                                                                                                                                                                                                                                                   2.
-8.22262668E+04-1.57307451E+02 4.50891936E+00 1.16475650E-01-7.54626263E-05
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    2.54456758E-08-3.62296642E-12-6.98588908E+04 2.43900649E+01
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c10h17oBoCaD
    3.95124921E+01 \ 4.26844104E-02-1.48804842E-05 \ 2.34001885E-09-1.36982354E-13
                                                                                                                                                                                                                                                                                                                                                   2
-8.52472390E+04-1.66974008E+02-2.62149056E-01 1.35050100E-01-9.77631692E-05
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    3.66981346E-08-5.69455455E-12-7.12905366E+04 4.69869443E+01
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c10h17oBoCaE
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    0.71028810E + 01 \quad 0.89390613E - 01 - 0.35473688E - 04 \quad 0.63137904E - 08 - 0.42017916E - 12 - 0.63137904E - 01 - 0.42017916E - 01 - 0.63137904E - 01 - 0.42017916E - 01 - 0.63137904E - 0.6313790
                                                                                                                                                                                                                                                                                                                                                   2
-0.70844172E + 05 \quad 0.20173714E + 02 \quad 0.10037415E + 01 \quad 0.13263381E + 00 - 0.92379792E - 04 \quad 0.10037415E + 01 \quad 0.10037415E + 0.00037415E +
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    0.23786642E-07 0.17729635E-11-0.72204766E+05 0.41142376E+02
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    3.78866382E+01 4.39771934E-02-1.53042866E-05 2.40365170E-09-1.40578734E-13
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-8.39655163E+04-1.56405626E+02 3.11020177E+00 1.22382642E-01-8.41051329E-05
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    3.06817737E-08-4.75167551E-12-7.13842205E+04 3.17435602E+01
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    3.94419108E+01 4.26985303E-02-1.48747863E-05 2.33799483E-09-1.36817528E-13
-8.69677177E + 04 - 1.65781674E + 02 - 1.51645934E + 00 \quad 1.40279293E - 01 - 1.05454142E - 04 - 1.40279293E - 01 - 1.40279292E - 01 - 1.40279292E - 01 - 1.40279292E - 01 - 1.40279292E - 01 - 1.402792E - 01
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    4.13851709E-08-6.70949653E-12-7.28361707E+04 5.36820843E+01
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c10h17oBoEqA
    3.79733160E+01 4.31844556E-02-1.48775514E-05 2.32152913E-09-1.35183291E-13
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-8.44877346E+04-1.56236006E+02 5.36194268E+00 1.17071384E-01-8.05196009E-05
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    2.98621268E-08-4.74643620E-12-7.26900318E+04 2.01340920E+01
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c10h17oBoEqC
    3.86520828E+01 4.33083649E-02-1.50689595E-05 2.36640022E-09-1.38387519E-13
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-8.71908095E+04-1.60734897E+02 1.95635178E+00 1.30157937E-01-9.62116862E-05
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    3.80817240E-08-6.34320086E-12-7.43374907E+04 3.63193794E+01
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3.80817240E-08-6.34320086E-12-7.43374907E+04 3.63193794E+01
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    3.86520828E+01 4.33083649E-02-1.50689595E-05 2.36640022E-09-1.38387519E-13
                                                                                                                                                                                                                                                                                           2
-8.71908095E + 04 - 1.60734897E + 02 \ 1.95635178E + 00 \ 1.30157937E - 01 - 9.62116862E - 05 \ 1.30157937E - 01 - 1.0016862E - 00 \ 1.0
                                                                                                                                                                                                                                                                                           3
    3.80817240E-08-6.34320086E-12-7.43374907E+04 3.63193794E+01
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                                                                                     c 10h 18o
c10h17oCoDqA
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-0.19482636E+01 \quad 0.10426114E+00-0.42989239E-04 \quad 0.78558751E-08-0.53243396E-12
                                                                                                                                                                                                                                                                                           2
-0.65139734E+05 0.71452393E+02 0.10335819E+01 0.13277578E+00-0.93772374E-04
                                                                                                                                                                                                                                                                                           3
   0.23994774E-07 0.24671170E-11-0.70085820E+05 0.41601948E+02
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c10h17oCoDqB
                                                2/8 ThERMc 10h 18o
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    3.91266424E+01 4.29839191E-02-1.49760074E-05 2.35399258E-09-1.37754104E-13
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-8.51512276E+04-1.64350512E+02 2.18463467E-01 1.35388150E-01-1.01088821E-04
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    3.99146408E-08-6.57373036E-12-7.16216917E+04 4.43595421E+01
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c10h17oCoDqE
                                                     2/8 ThERMc 10h 18o
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    3.91266424E+01 4.29839191E-02-1.49760074E-05 2.35399258E-09-1.37754104E-13
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-8.51512276E+04-1.64350512E+02 2.18463467E-01 1.35388150E-01-1.01088821E-04
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    3.99146408E-08-6.57373036E-12-7.16216917E+04 4.43595421E+01
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c10h17oCoDqF
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-0.62567182E+01 0.11234336E+00-0.47342401E-04 0.87858343E-08-0.60207780E-12
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-0.65660570E+05 0.94890877E+02 0.47916785E+00 0.13755016E+00-0.10148532E-03
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   0.28462148E-07 0.17469227E-11-0.72341102E+05 0.43079655E+02
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c10h17oCoDaG
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-0.62567182E + 01 \quad 0.11234336E + 00 - 0.47342401E - 04 \quad 0.87858343E - 08 - 0.60207780E - 12 - 0.60207780E - 0.6020
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-0.65660570E+05 0.94890877E+02 0.47916785E+00 0.13755016E+00-0.10148532E-03
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   0.28462148E-07 0.17469227E-11-0.72341102E+05 0.43079655E+02
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c10h17oCoEqB
                                                2/8 ThERMc 10h 18o
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   3.90780846 \pm +01 \ 4.29714398 \pm -02 -1.49594215 \pm -05 \ 2.35009349 \pm -09 -1.37473091 \pm -13
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-8.68769480\mathtt{E} + 04 - 1.63275533\mathtt{E} + 02 - 8.66081751\mathtt{E} - 01 \ 1.39878153\mathtt{E} - 01 - 1.07627262\mathtt{E} - 04
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   4.38564812E-08-7.41891961E-12-7.31938766E+04 5.02628404E+01
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c10h17oCoEqF
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   3.90780846E+01 \ 4.29714398E-02-1.49594215E-05 \ 2.35009349E-09-1.37473091E-13
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-8.68769480 \pm +04 -1.63275533 \pm +02 -8.66081751 \pm -01 \\ 1.39878153 \pm -01 -1.07627262 \pm -04 \\ 1.3987815 \pm -01 -1.07627262 \pm -04 \\ 1.3987815 \pm -01 -1.07627262 \pm -04 \\ 1.3987815 \pm -01 -1.0762726 \pm -04 \\ 1.3987815 \pm -04 -1.0762726 \pm -04 \\ 1.3987815 \pm -04 -1.0762726 \pm -04 \\ 1.3987815 \pm -04 \\ 1.3987815
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   4.38564812E-08-7.41891961E-12-7.31938766E+04 \ 5.02628404E+01
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c10h17oCoFqD
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    3.85568156E+01 4.33198397E-02-1.50567686E-05 2.36275238E-09-1.38102514E-13
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   4.17019882E-08-7.25598049E-12-7.46151760E+04 3.52784596E+01
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c10h17oCoFqE
    3.85568156E+01 4.33198397E-02-1.50567686E-05 2.36275238E-09-1.38102514E-13
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-8.72252450E + 04 - 1.59817410E + 02 \quad 2.10052295E + 00 \quad 1.31773234E - 01 - 1.00749739E - 04 \quad 1.3177324E - 01 - 1.00749739E - 04 \quad 1.317742E - 04 \quad 1.317
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    4.17019882E-08-7.25598049E-12-7.46151760E+04 3.52784596E+01
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c10h17oCoGqD
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    3.85568156E+01 4.33198397E-02-1.50567686E-05 2.36275238E-09-1.38102514E-13
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-8.72252450E+04-1.59817410E+02\ 2.10052295E+00\ 1.31773234E-01-1.00749739E-04
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   4.17019882E-08-7.25598049E-12-7.46151760E+04 3.52784596E+01
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c10h17oCoGqF
    3.85568156E+01 4.33198397E-02-1.50567686E-05 2.36275238E-09-1.38102514E-13
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-8.72252450E + 04 - 1.59817410E + 02 \quad 2.10052295E + 00 \quad 1.31773234E - 01 - 1.00749739E - 04 \quad 1.3177324E - 01 - 1.00749739E - 04 \quad 1.317742E - 04 \quad 1.317
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   4.17019882E-08-7.25598049E-12-7.46151760E+04 3.52784596E+01
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c10h17oDoEqA
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-0.19482636E+01 \quad 0.10426114E+00-0.42989239E-04 \quad 0.78558751E-08-0.53243396E-12
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-0.65139734E+05 0.71452408E+02 0.10335819E+01 0.13277578E+00-0.93772374E-04
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    0.23994774E-07 0.24671170E-11-0.70085820E+05 0.41601963E+02
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c10h17oDoEaB
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-0.62492933E+01 \quad 0.11233181E+00-0.47339068E-04 \quad 0.87857979E-08-0.60212469E-12
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-0.65935414E+05 0.94848480E+02 0.69918442E+00 0.13604306E+00-0.97910379E-04
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   0.24936071E-07 0.29812168E-11-0.72636648E+05 0.42145222E+02
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                                                          2/8 There 10h 18o 4 0G
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c10h17oDoEqC
    3.91266424E+01 4.29839191E-02-1.49760074E-05 2.35399258E-09-1.37754104E-13
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-8.51512276E + 04 - 1.64350512E + 02 \ 2.18463467E - 01 \ 1.35388150E - 01 - 1.01088821E - 04 \ 2.18463467E - 01 \ 2.1846347E - 01 \ 2.18463467E - 01 \ 2.18463467E - 01 \ 2.18463467E - 01 \ 2.18463467E
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    3.99146408E-08-6.57373036E-12-7.16216917E+04 4.43595421E+01
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c10h17oDoEqF
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    3.91266424E+01 4.29839191E-02-1.49760074E-05 2.35399258E-09-1.37754104E-13
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-8.51512276E + 04 - 1.64350512E + 02 \ 2.18463467E - 01 \ 1.35388150E - 01 - 1.01088821E - 04 \ 2.18463467E - 01 \ 1.35388150E - 01 - 1.01088821E - 04 \ 2.18463467E - 01 \ 2.18463467
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    3.99146408E-08-6.57373036E-12-7.16216917E+04 4.43595421E+01
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c10h17oDoEqG
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-0.62842727E+01 \quad 0.11239495E+00 \\ -0.47377875E-04 \quad 0.87953484E-08-0.60293328E-12
                                                                                                                                                                                                                                                                                                                        2
-0.65649242E+05 0.95044235E+02 0.51716882E+00 0.13730183E+00-0.10092570E-03
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   0.27938320E-07 0.19210328E-11-0.72345383E+05 0.42916584E+02
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c10h17oDoEqH
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-0.62842727E+01 0.11239495E+00-0.47377875E-04 0.87953484E-08-0.60293328E-12
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    0.27938320E-07 0.19210328E-11-0.72345383E+05 0.42916584E+02
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c10h17oDoFqC
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    3.90780846E+01 4.29714398E-02-1.49594215E-05 2.35009349E-09-1.37473091E-13
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-8.68769480E+04-1.63275533E+02-8.66081751E-01 1.39878153E-01-1.07627262E-04
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    4.38564812E-08-7.41891961E-12-7.31938766E+04 5.02628404E+01
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c10h17oDoFqG
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    3.90780846E+01 4.29714398E-02-1.49594215E-05 2.35009349E-09-1.37473091E-13
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-8.68769480E + 04 - 1.63275533E + 02 - 8.66081751E - 01 1.39878153E - 01 - 1.07627262E - 04
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    4.38564812E-08-7.41891961E-12-7.31938766E+04 5.02628404E+01
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c10h17oDoGaE
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   3.85568156E+01 \ 4.33198397E-02-1.50567686E-05 \ 2.36275238E-09-1.38102514E-13
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-8.72252450E + 04 - 1.59817410E + 02 \ 2.10052295E + 00 \ 1.31773234E - 01 - 1.00749739E - 04 \ 2.10052295E + 00 \ 1.0052295E + 00 \ 1.0052395E - 04 \ 2.10052295E + 00 \ 1.0052395E - 04 \ 2.1005295E - 04 \ 2.10
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    4.17019882E-08-7.25598049E-12-7.46151760E+04 3.52784596E+01
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c10h17oEoFqC
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-0.62567182E + 01 \quad 0.11234336E + 00 - 0.47342401E - 04 \quad 0.87858343E - 08 - 0.60207780E - 12 - 0.60207780E - 0.6020
                                                                                                                                                                                                                                                                                                                        2
-0.65660578\mathtt{E} + 05 \quad 0.94890877\mathtt{E} + 02 \quad 0.47916785\mathtt{E} + 00 \quad 0.13755016\mathtt{E} + 00 - 0.10148532\mathtt{E} - 03
                                                                                                                                                                                                                                                                                                                        3
   {\tt 0.28462148E-07\ 0.17469227E-11-0.72341109E+05\ 0.43079666E+02}
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c10h17oEoFaD
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   3.91266424E+01 4.29839191E-02-1.49760074E-05 2.35399258E-09-1.37754104E-13
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-8.51512276E + 04 - 1.64350512E + 02 \ 2.18463467E - 01 \ 1.35388150E - 01 - 1.01088821E - 04
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   3.99146408E-08-6.57373036E-12-7.16216917E+04 4.43595421E+01
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c10h17oEoFqH
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-0.62842727E+01 \quad 0.11239495E+00-0.47377875E-04 \quad 0.87953484E-08-0.60293328E-12
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   0.27938320E-07 0.19210328E-11-0.72345383E+05 0.42916584E+02
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-0.62842727E+01 \quad 0.11239495E+00-0.47377875E-04 \quad 0.87953484E-08-0.60293328E-12
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   0.27938320E-07 0.19210328E-11-0.72617117E+05 0.42916584E+02
                                                                                              c 10h 20o
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   0.24191536E+02 0.58517322E-01-0.20019606E-04 0.32116494E-08-0.19886355E-12
-0.38600027 \\ \text{E} + 05 - 0.83529999 \\ \text{E} + 02 \quad 0.63085027 \\ \text{E} + 01 \quad 0.81952430 \\ \text{E} - 01 \quad 0.24872594 \\ \text{E} - 04 \quad 0.81952430 \\ \text{E} - 01 \quad 0.24872594 \\ \text{E} - 04 \quad 0.81952430 \\ \text{E} - 01 \quad 0.81952400 \\ \text{E} 
-0.84218343E-07 0.36872276E-10-0.32955344E+05 0.13995958E+02
                                                                                              c 10h 22o
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-0.85926288E-07 0.37700999E-10-0.48194324E+05 0.14782654E+02
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   2.
-0.50495207E + 05 - 0.70039574E + 02 - 0.10854400E + 00 \\ 0.11496060E + 00 - 0.64491447E - 04491447E - 0449147E - 0449167E
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   0.86950944E-08 0.41273686E-11-0.44644766E+05 0.38735161E+02
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c9h19co
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0.21888067E+02 0.17680371E-01-0.45973793E-05 0.60718119E-09-0.32980075E-13
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-0.31535605E + 05 - 0.78729637E + 02 \quad 0.63410324E + 00 \quad 0.80357298E - 01 - 0.71632960E - 04 - 0.80357298E - 01 - 0.71632960E - 01 - 0.80357298E - 0.80357288E - 0.80357298E - 0.80357298E - 0.80357298E - 0.803
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      0.30559153E-07-0.43843913E-11-0.25892623E+05 0.30032263E+02
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c10h20oB
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       0..13747478E + 02 \quad 0..71584202E - 01 - 0..26332194E - 04 \quad 0..44410999E - 08 - 0..28447061E - 12 \quad 0..44410999E - 0..4441099E - 0..4441099E - 0..4441099E - 0..4441099E - 0..4441099E - 0..4441099E - 0..444109P - 0..444109P - 0..44410PP - 0..444
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-0.51337172E + 05 - 0.30904594E + 02 - 0.63701874E + 00 \\ 0.11640445E + 00 - 0.68654277E - 04 \\ -0.51337172E + 05 - 0.30904594E + 02 - 0.63701874E + 00 \\ -0.51337172E + 05 - 0.30904594E + 02 - 0.63701874E + 00 \\ -0.51337172E + 05 - 0.30904594E + 02 - 0.63701874E + 00 \\ -0.51337172E + 0.0004594E + 0.00
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      0.14442623E-07 \ 0.15401825E-11-0.48120750E+05 \ 0.41010777E+02
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c10h20oC
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                                                                                                                                                                                                                                                                                                                                                                                                                                          5000.00 1000.00
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      2
-0.46241738E+05 \quad 0.41649971E+02-0.10791575E+01 \quad 0.12076402E+00-0.76462667E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.17865087E-07 0.19430779E-11-0.48266094E+05 0.42596947E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                  c 10h 20o 1
c10h20oD
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                                                                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
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       0.10961013E+01 \quad 0.92808336E-01-0.36904414E-04 \quad 0.65751156E-08-0.43774514E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.46350773E+05 \quad 0.40106003E+02-0.10715234E+01 \quad 0.12073632E+00-0.76466269E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.17944974E-07 0.18868494E-11-0.48267242E+05 0.42561272E+02
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       0.10961013E+01 0.92808336E-01-0.36904414E-04 0.65751156E-08-0.43774514E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.46350773E+05 0.40106003E+02-0.10715234E+01 0.12073632E+00-0.76466269E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       0.17944974E-07 0.18868494E-11-0.48267242E+05 0.42561272E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
c10h20rohAB 4/16/9 THERMc 10h 21o
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                                                                                                                                                                                                                                                                                                                                                                       300.000 5000.000 1000.000
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       0.52860046E+02 0.13560716E-01-0.19652318E-05 0.15751621E-09-0.56206451E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ 0.12653472E + 00 - 0.93318871E - 04 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 0.50503977E + 0.50503977E + 0.50503970E \\ -0.50503977E + 0.50503977E + 0.50503970E + 0.50503970E \\ -0.50503977E + 0.50503970E + 0.50503970E + 0.50503970E \\ -0.50503970E + 0.50503970E + 0.50503970E + 0.5050390E + 0.5050390E \\ -0.50503970E + 0.50503970E + 0.5050390E + 0.505000E + 0.5050000E + 0.505000E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.44129752E-07-0.12130841E-10-0.31655396E+05 0.41724075E+02
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c10h20qjohAB 4/15/9THERMc 10h 21o
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       0.16675129E+02 0.76774716E-01-0.27434795E-04 0.45377662E-08-0.28695831E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2
3
      0.33820847E-07-0.17875002E-11-0.50125805E+05 0.50506203E+02
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c10h20rohBC 4/16/9 THERMc 10h 21o
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      2
-0.50775723E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ 0.12653472E + 00 - 0.93318871E - 04 \\ -0.50775723E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50775723E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50775723E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50775723E + 0.5077572E + 0.507752E + 0.50772E + 0.50772E + 0.50772E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      0.44129752E-07-0.12130841E-10-0.31927141E+05 \ 0.41724075E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4
                                                                                                                                                                                                                                                                                                                     OG 300.000 5000.000 1000.000
c10h20qjohBC 4/15/9THERMc 10h 21o
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                                                                                                                                                                                                                                                                                  3
      0.16665230E + 02 \quad 0.76773152E - 01 - 0.27408434E - 04 \quad 0.45268536E - 08 - 0.28579098E - 12 - 0.28579098E - 0.28579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2
-0.53481879E + 05 - 0.38349960E + 02 - 0.16218747E + 01 \\ 0.14411019E + 00 - 0.10117298E - 03 \\ -0.53481879E + 05 - 0.38349960E + 02 - 0.16218747E + 01 \\ -0.53481879E + 05 - 0.38349960E + 02 - 0.16218747E + 01 \\ -0.53481879E + 00 - 0.10117298E - 03 \\ -0.5348189E + 0.00117298E - 0.0017298E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3
      0.28933838E - 07 - 0.33872255E - 13 - 0.50427242E + 05 \quad 0.49319466E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4
c10h20rohCD 4/16/9 THERMc 10h 21o
                                                                                                                                                                                                                                                                                                                       OG 300.000 5000.000 1000.000
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                                                                                                                                                                                                                                                                                 1
      0.52860046E + 02 \quad 0.13560716E - 01 - 0.19652318E - 05 \quad 0.15751621E - 09 - 0.56206451E - 14 - 0.19652318E - 05 \quad 0.15751621E - 09 - 0.56206451E - 14 - 0.19652318E - 05 \quad 0.15751621E - 09 - 0.56206451E - 14 - 0.19652318E - 05 \quad 0.15751621E - 09 - 0.56206451E - 14 - 0.19652318E - 05 \quad 0.15751621E - 09 - 0.56206451E - 0.19652318E - 0.196524E - 0.1965
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.
-0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ 0.12653472E + 00 - 0.93318871E - 04 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ -0.50503977E + 0.50503977E + 0.50503977E + 0.50503977E \\ -0.50503977E + 0.50503977E + 0.50503977E + 0.5050397E \\ -0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E \\ -0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E \\ -0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E \\ -0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E + 0.5050397E \\ -0.5050397E + 0.5050397E + 
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      0.44129752E-07-0.12130841E-10-0.31655396E+05 \ 0.41724075E+02
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c10h20qjohCD 4/15/9THERMc 10h 21o 3
                                                                                                                                                                                                                                                                                                                     OG 300.000 5000.000 1000.000
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      0.16675129E + 02 \quad 0.76774716E - 01 - 0.27434795E - 04 \quad 0.45377662E - 08 - 0.28695831E - 12 - 0.28695831E - 0.28695821E - 0.286958821E - 0.28695821E - 0.28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.
-0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ 0.14608902E + 00 - 0.10599804E - 03 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 00 - 0.19030721E + 00 \\ -0.53213945E + 00 - 0.19030721E + 00 \\ -0.53213945E + 00 - 0.19030721E + 00 \\ -0.53213945E + 0.0000721E + 0.000072E + 0.000
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      0.33820847E-07-0.17875002E-11-0.50125805E+05 0.50506203E+02
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c10h20rohDE 4/16/9 THERMc 10h 21o
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       0.52860046E+02 0.13560716E-01-0.19652318E-05 0.15751621E-09-0.56206451E-14
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3
      0.44129752E-07-0.12130841E-10-0.31655396E+05 0.41724075E+02
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c10h20qjohDE 4/15/9THERMc 10h 21o
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       0.16675129E+02 0.76774716E-01-0.27434795E-04 0.45377662E-08-0.28695831E-12
-0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ 0.14608902E + 00 - 0.10599804E - 03 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 00 - 0.19030721E + 00 - 0.19030721E + 00 \\ -0.53213945E + 0.0000721E + 0.000072E + 0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.33820847E-07-0.17875002E-11-0.50125805E+05 0.50506203E+02
c10h20rohEF 4/16/9 THERMc 10h 21o
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       0.52860046E+02 0.13560716E-01-0.19652318E-05 0.15751621E-09-0.56206451E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
-0.50503977E + 05 - 0.24858864E + 03 - 0.59233850E + 00 \\ 0.12653472E + 00 - 0.93318871E - 04 \\ 0.12653472E + 0.00 - 0.93318871E - 04 \\ 0.12653472E + 0.00 - 0.93318871E - 0.00 \\ 0.12653472E + 0.00 - 0.93318871E - 0.00 \\ 0.12653472E + 0.00 - 0.93318871E - 0.00 \\ 0.12653472E + 0.00 - 0.00 \\ 0.1265472E + 0.00 - 0.00 \\ 0.1265472E + 0.00 - 0.00 \\ 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.44129752E-07-0.12130841E-10-0.31655396E+05 0.41724075E+02
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c10h20qjohEF 4/15/9THERMc 10h 21o
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      2.
-0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ 0.14608902E + 00 - 0.10599804E - 03 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 05 - 0.38408905E + 02 - 0.19030721E + 01 \\ -0.53213945E + 00 - 0.19030721E + 00 - 0.19030721E + 00 \\ -0.53213945E + 0.0000721E + 0.000072E + 0.000
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       0.33820847E-07-0.17875002E-11-0.50125805E+05 0.50506203E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
c2h5cohco
                                                                                                                                                                                                                4h
                                                                                                                                                                                                                                                   60
                                                                                                                                                                                                                                                                                          2.0
                                                                                                                                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                                                                                                                                                       300.00
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                                                                                                                                                                                  C
        \texttt{0.14739259E+02} \ \ \texttt{0.13225887E-01-0.38941639E-05} \ \ \texttt{0.56251526E-09-0.32462870E-13}
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-0.41397336E+05-0.53247761E+02 0.18051472E+01 0.42755753E-01-0.25063433E-04
    0.45236979E-08 0.57545120E-12-0.37283613E+05 0.15680321E+02
                                                                                                                                                                                                    300.00 5000.00 1000.00
c2h5coco
                                                                                                               4h 5o 20 0G
                                                                                                     C
    0.15105543E + 02 \quad 0.98749883E - 02 - 0.23287557E - 05 \quad 0.28538863E - 09 - 0.14688630E - 13 \\
                                                                                                                                                                                                                                                                                                                                                2.
0.12637504E-09 0.18738962E-11-0.19373721E+05 0.14963073E+02
                                                                                                  c 4h 6o 2 G 0300.00 5000.00 1000.00
ch3coch2hco
                                                                                                                                                                                                                                                                                                                                                1
-0.11254543E+01 \quad 0.39765101E-01-0.16878952E-04 \quad 0.31484686E-08-0.21655221E-12
-0.40318285E + 05 \quad 0.42259468E + 02 - 0.60580101E - 01 \quad 0.46090852E - 01 - 0.28861905E - 04 - 0.46090852E - 01 - 0.28861905E - 01 - 0.46090852E - 01 - 0.46090852E - 01 - 0.28861905E - 01 - 0.46090852E - 0.4609085E - 0.4609085
    0.67779320E-08 0.68161687E-12-0.41638715E+05 0.33134945E+02
                                                                                                                                                                                                                                                                                                                                                4
                                                                                                   c 4h 5o 2 G 0300.00 5000.00 1000.00
ch3coch2co
                                                                                                                                                                                                                                                                                                                                                1
    0.16903890E + 01 \quad 0.30235900E - 01 - 0.11208532E - 04 \quad 0.19016195E - 08 - 0.12235966E - 12235966E - 1225966E - 12259666E - 12259666E - 12259666E - 12259666E - 122596666E - 12259666E - 12259666E - 12259666E - 12259666E - 12259666E - 12259666E - 1225966E - 1225
-0.23242553E+05 \ 0.29035389E+02 \ 0.33443961E+00 \ 0.44383127E-01-0.35499481E-04
    0.16137106E - 07 - 0.28740189E - 11 - 0.23871773E + 05 \quad 0.32342957E + 02
choch2ch2cho
                                                                                                    c 4h 6o 2
                                                                                                                                                                           G 0300.00 5000.00 1000.00
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    2
-0.39731719E + 05 - 0.22132637E + 02 \quad 0.19870868E + 01 \quad 0.47386240E - 01 - 0.41948748E - 04 - 0.41948748E - 0.419488E - 0.
                                                                                                                                                                                                                                                                                                                                                3
    0.22063963E-07-0.49414132E-11-0.37569957E+05 0.20414827E+02
                                                                                                                                                                                                                                                                                                                                                4
choch2ch2co 7/11/7 ThERMc 4h 5o 2
                                                                                                                                                                              OG 300.000 5000.000 1373.000
                                                                                                                                                                                                                                                                                                                                            21
    1.35372607E + 01 \quad 1.35220919E - 02 - 4.57439065E - 06 \quad 7.05557672E - 10 - 4.07673567E - 14 \quad 1.35372607E - 10 - 4.07673567E - 10 - 4.0767367E - 10 - 4.076767E - 10 - 4.0767867E - 1
 -2.19470290E+04-3.84549802E+01 5.22317090E+00 2.99719445E-02-1.62395548E-05
    4.16970293E-09-3.91746676E-13-1.87077258E+04 7.34488150E+00
c3h7cohco
                                                                                                     c 5h 8o 20 0G
                                                                                                                                                                                                           300.00
                                                                                                                                                                                                                                            5000.00 1000.00
    0.16468891E+02 0.19568112E-01-0.60803804E-05 0.91144953E-09-0.53877381E-13
                                                                                                                                                                                                                                                                                                                                                2
3
    0.52918128E-08 0.10052649E-11-0.40179207E+05 0.18274025E+02
c3h7coco
                                                                                                    c 5h 7o
                                                                                                                                                           20 OG 300.00
                                                                                                                                                                                                                                           5000.00 1000.00
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    0.17075876E+02 0.15713822E-01-0.41878484E-05 0.56234178E-09-0.30846687E-13
                                                                                                                                                                                                                                                                                                                                                2
3
   0.15519785E-08 0.20711744E-11-0.22265547E+05 0.17733343E+02
                                                                                                                                                                                                                                                                                                                                                4
                                                        11/16/07 c 5h 8o 2 0G 300.000 5000.000 1000.000
c2h5coch2hco
                                                                                                                                                                                                                                                                                                                                            31
-0.12940953E+02 \ 0.69903918E-01-0.31803214E-04 \ 0.62314123E-08-0.44409864E-12
                                                                                                                                                                                                                                                                                                                                                2.
-0.38527070E + 05 \quad 0.11053633E + 03 - 0.84370774E + 00 \quad 0.63168347E - 01 - 0.45684359E - 04 - 0.63168347E - 01 - 0.45684359E - 01 - 0.63168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.063168347E - 0.0631682E - 0.063162E - 0.0631682E - 0.063162E - 0.
                                                                                                                                                                                                                                                                                                                                                3
   0.13530840E-07 0.60230298E-12-0.44663621E+05 0.37952915E+02
                                                                                                                                                                                                                                                                                                                                                4
c2h5coch2co
                                                         11/16/07 c 5h 7o 2 0G 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                            31
-0.97643614E+01 \ 0.59025787E-01-0.24843101E-04 \ 0.46061848E-08-0.31543816E-12
                                                                                                                                                                                                                                                                                                                                                2
-0.21479910E + 05 \quad 0.95646568E + 02 - 0.39542896E + 00 \quad 0.61088029E - 01 - 0.51419604E - 04 - 0.061088029E - 01 - 0.061088029E - 0.061088
                                                                                                                                                                                                                                                                                                                                                3
   0.21982974E-07-0.26304282E-11-0.26902330E+05 0.36940765E+02
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ch3coc2h4hco
                                                                                                  c 5h 8o 2 G 0300.00
                                                                                                                                                                                                                                           5000.00 1000.00
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-0.90419042E+00 \quad 0.48337679E-01-0.20118665E-04 \quad 0.37012207E-08-0.25206985E-12
-0.41660785E+05 0.43492023E+02 0.20693679E+01 0.54399990E-01-0.36287605E-04
                                                                                                                                                                                                                                                                                                                                                3
    0.10339596E-07 0.17453447E-12-0.44020766E+05 0.22654131E+02
                                                                                                     c 5h 7o
                                                                                                                                                          2
                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                               5000.00 1000.00
    0.19177376E+01 \quad 0.38844462E-01-0.14501396E-04 \quad 0.24715141E-08-0.15948743E-12
-0.24595562E+05 0.30215622E+02 0.25740378E+01 0.51932082E-01-0.41100266E-04
    0.17878603E-07-0.27374559E-11-0.26265559E+05 0.21402668E+02
                                                                                                                                                                                        G 0300.00
                                                                                                     c 5h 8o
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                                                                                                                                                                                                                                                 5000.00 1000.00
-0.24373136E+01 0.51202632E-01-0.21667551E-04 0.40336059E-08-0.27706578E-12
-0.37370984E+05 \ 0.51938530E+02 \ 0.23621762E+01 \ 0.54721203E-01-0.36765450E-04
    0.97104857E-08 \ 0.74680491E-12-0.40521121E+05 \ 0.20666948E+02
                                                                                                     c 5h
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                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                  5000.00 1000.00
    0.51536059E+00 0.41369535E-01-0.15779357E-04 0.27307743E-08-0.17814541E-12
-0.20339604E+05 0.38679955E+02 0.27169209E+01 0.53290054E-01-0.44060904E-04
    0.19720455E-07-0.30373148E-11-0.22749828E+05 0.20743933E+02
                                                                                                     c 6h 10o
                                                                                                                                                                20
                                                                                                                                                                                    0G
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                                                                                                                                                                                                                                                  5000.00 1000.00
    0.18230997E + 02 \quad 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 01 - 0.82845845E - 05 \quad 0.12680983E - 08 - 0.76040804E - 13 \\ 0.25888149E - 0.12680983E - 0.12680983E - 0.12680983E - 0.12680983E - 0.12680984E - 0
0.77628544E-08 0.81913171E-12-0.43064703E+05 0.21272709E+02
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    0.19022552E + 02 \quad 0.21653682E - 01 - 0.61446640E - 05 \quad 0.86261071E - 09 - 0.48725970E - 13
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0.32257297E-08 0.21613798E-11-0.25157170E+05 0.20525379E+02
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                                                                                       11/16/07 c 6h 10o 2
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c3h7coch2hco
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2.
-0.41875945E+05 \quad 0.10332356E+03-0.10716561E+01 \quad 0.75103901E-01-0.52827163E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
      \texttt{0.15004920E-07} \ \ \texttt{0.77228187E-12-0.47555281E+05} \ \ \texttt{0.40705853E+02} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                                        90
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                                                                                              11/16/07 c 6h
c3h7coch2co
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-0.79288030E + 01 \quad 0.65123327E - 01 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 04 \quad 0.49059343E - 08 - 0.33245008E - 12 - 0.26849919E - 0.268499999E - 0.26849999E - 0.26849999E - 0.26849999E - 0.26849999E - 0.2684999E - 0.2684999E - 0.2684999E - 0.2684999F - 0.268499F - 0.268499 - 0.268499 - 0.268499 - 0.268499 - 0.268499
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-0.24896879E + 05 \quad 0.87857796E + 02 - 0.74232560E + 00 \quad 0.73849380E - 01 - 0.60547038E - 04 - 0.060547038E - 0.06054708E - 0.060547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      \hbox{\tt 0.25438153E-07-0.31613939E-11-0.29781277E+05} \ \hbox{\tt 0.40201035E+02} 
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c2h5coc2h4hco
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-0.12573102E + 02 \quad 0.78058399E - 01 - 0.34696928E - 04 \quad 0.66868675E - 08 - 0.47086434E - 12 - 0.47086434E - 0.47086444E - 0.4708644E - 0.4708644E - 0.4708644E - 0.4708644E - 0.4708644E - 0.4708644E - 0.470864E - 0.47086E - 0.47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.39899969E + 05 \quad 0.11103112E + 03 \quad 0.14208453E + 01 \quad 0.70562162E - 01 - 0.50962513E - 04 \quad 0.70562162E - 0.70562E - 0.70562E
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     0.15004934E-07 0.81338799E-12-0.47060305E+05 0.26899633E+02
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c2h5coc2h4co
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-0.93244343E+01 \quad 0.67222312E-01-0.27887543E-04 \quad 0.51179700E-08-0.34791446E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.22908547E+05 \quad 0.95663322E+02 \quad 0.18367063E+01 \quad 0.68703756E-01-0.57223951E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
     0.23976128E-07-0.26011268E-11-0.29295502E+05 0.26028908E+02
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ch3coc3h6hco
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      0.79979819E+00 0.54688908E-01-0.22283117E-04 0.40390686E-08-0.27222297E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.45029750E+05 0.36420666E+02 0.19080460E+01 0.65878943E-01-0.42343370E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
     0.10733933E-07 0.72611876E-12-0.46919648E+05 0.25124050E+02
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ch3coc3h6co
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      0.35012920E+01 0.45491531E-01-0.16893529E-04 0.28698885E-08-0.18484502E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
-0.27930250E+05 0.23778927E+02 0.24413955E+01 0.63199483E-01-0.46618847E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
     0.17711248E-07-0.19793720E-11-0.29167326E+05 0.23756651E+02
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c5h11cohco
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      0.19808544E + 02 0.32505091E - 01 - 0.10620273E - 04 0.16478627E - 08 - 0.99640924E - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.51512996E + 05 - 0.74297371E + 02 \quad 0.11027051E + 01 \quad 0.78663722E - 01 - 0.46658592E - 04 - 0.06658592E - 00 - 0.06658592E - 0.06
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     0.90292662E-08 0.10863246E-11-0.45956246E+05 0.24021563E+02
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c5h11coco
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     0.20718140E + 02 0.28017355E - 01 - 0.83104260E - 05 0.12034383E - 08 - 0.69387787E - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.34018672E + 05 - 0.80223793E + 02 \quad 0.11081926E + 01 \quad 0.74438207E - 01 - 0.41396259E - 04 \quad 0.74438207E - 0.74478207E - 0.74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
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     0.52330980E-08 0.21628554E-11-0.28044404E+05 0.23457716E+02
                                                                                       11/16/07 c 7h 12o
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c4h9coch2hco
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-0.94036551E+01 \quad 0.82001582E-01-0.35512909E-04 \quad 0.67193024E-08-0.46691893E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
-0.45254449E + 05 \quad 0.95854774E + 02 - 0.13707602E + 01 \quad 0.87533154E - 01 - 0.61154518E - 04 \\ -0.45254449E + 0.0506449E + 0.05064449E + 0.05064449E + 0.0506449E + 0.0506449E + 0.0506449E + 0.0506449E + 0.05064449E + 0.0506
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     0.17658323E-07 0.52635457E-12-0.50439336E+05 0.43760078E+02
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c4h9coch2co
                                                                                       11/16/07 c 7h 11o
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-0.62559252E+01 \quad 0.71541063E-01-0.29064269E-04 \quad 0.52574451E-08-0.35382664E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
-0.28254691E+05 \quad 0.80957962E+02-0.79357970E+00 \quad 0.84560499E-01-0.64751395E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
     0.23981560E - 07 - 0.19548863E - 11 - 0.32691863E + 05 \quad 0.42208435E + 02
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c3h7coc2h4hco
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-0.10871086E + 02 \quad 0.84257521E - 01 - 0.36654397E - 04 \quad 0.69569905E - 08 - 0.48450442E - 12 - 0.69569905E - 0.6956905E - 0.69569905E - 0.6956905E - 0.6956905E - 0.69569005E - 0.005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.43244383E + 05 \quad 0.10404272E + 03 \quad 0.13054632E + 01 \quad 0.81709594E - 01 - 0.56189387E - 04 \quad 0.81709594E - 01 - 0.8189387E - 04 \quad 0.81893867E - 04 \quad 0.81893867E - 0.81893867E - 0.8189387E - 0.81893867E - 0.8189867E - 0.818
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     0.14539792E-07 0.16800742E-11-0.49963922E+05 0.29176781E+02
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c3h7coc2h4co
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-0.77518487E + 01 \quad 0.73803537E - 01 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 0.37027925E - 12 - 0.30178713E - 0.30178712E - 0.301
-0.26225336E + 05 \quad 0.89327576E + 02 \quad 0.15636251E + 01 \quad 0.80936842E - 01 - 0.65038796E - 04 \quad 0.80936842E - 0.8096842E - 0.8096842E - 0.8096842E - 0.8096842E - 0.8096842E - 0.809
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     0.26075456E-07-0.26360544E-11-0.32182129E+05 0.28977947E+02
c7oAoE
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-0.10871086E + 02 0.84257521E - 01 - 0.36654397E - 04 0.69569905E - 08 - 0.48450442E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
-0.43244391E+05 0.10404272E+03 0.13054632E+01 0.81709594E-01-0.56189387E-04
     0.14539792E-07 0.16800742E-11-0.49963926E+05 0.29176773E+02
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c7ovAoE
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-0.77518487E + 01 0.73803537E - 01 - 0.30178713E - 04 0.54840616E - 08 - 0.37027925E - 12
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-0.26225336E+05 0.89327576E+02 0.15636251E+01 0.80936842E-01-0.65038796E-04
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     0.26075456E-07-0.26360544E-11-0.32182129E+05 0.28977947E+02
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c6h13cocho
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      0.21485601E+02 0.38983621E-01-0.12915806E-04 0.20246300E-08-0.12332850E-12
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3
      0.11684440E-07 0.83978018E-12-0.48840324E+05 0.27075340E+02
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8h 13o
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c6h13coco
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    0.22467527E+02 0.34334410E-01-0.10494272E-04 0.15539033E-08-0.91040334E-13
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-0.37412430E + 05 - 0.87551117E + 02 \quad 0.11167953E + 01 \quad 0.84740140E - 01 - 0.44619410E - 04 - 0.44619410E - 04 - 0.44619410E - 01 - 0.44619410E -
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    0.27944003E-08 0.37184999E-11-0.30961547E+05 0.25225473E+02
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c8oAoC
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-0.76532474E+01 \quad 0.88186562E-01-0.37524445E-04 \quad 0.70130346E-08-0.48309409E-12
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0.16836410E-07 \ 0.15100886E-11-0.53345676E+05 \ 0.45931557E+02
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c8oyAoC
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-0.31631041E+05 \quad 0.73829605E+02-0.10666863E+01 \quad 0.96814275E-01-0.72669805E-04
    0.26239189E - 07 - 0.20648528E - 11 - 0.35578770E + 05 \quad 0.45154221E + 02
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c8oAoD
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-0.91473370E+01 \quad 0.90475447E-01-0.38670787E-04 \quad 0.72492288E-08-0.50040527E-12
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 -0.46604883E+05 0.96909325E+02 0.92515320E+00 0.94688930E-01-0.65806562E-04
    0.18450802E-07 0.99884771E-12-0.52839102E+05 0.32576759E+02
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2
-0.29608137E + 05 \quad 0.82102364E + 02 \quad 0.13401706E + 01 \quad 0.92844799E - 01 - 0.72121911E - 04 \quad 0.92844799E - 0.9284479E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.92847E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.928478E - 0.92847
    0.27493368E-07-0.24463001E-11-0.35074328E+05 0.31713640E+02
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-0.91473370E + 01 \quad 0.90475447E - 01 - 0.38670787E - 04 \quad 0.72492288E - 08 - 0.50040527E - 12 - 0.50040527E - 0.5004
-0.46604883E+05 \quad 0.96909325E+02 \quad 0.92515320E+00 \quad 0.94688930E-01-0.65806562E-04
    0.18450802E-07 0.99884771E-12-0.52839102E+05 0.32576759E+02
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c8ovAoE
-0.60215259E+01 0.80127493E-01-0.32340027E-04 0.58229084E-08-0.39058492E-12
                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.29608137E+05 0.82102364E+02 0.13401706E+01 0.92844799E-01-0.72121911E-04
                                                                                                                                                                                                                                                                                                                                                                                                    3
    0.27493368E-07-0.24463001E-11-0.35074328E+05 0.31713640E+02
                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                   c 9h 16o
                                                                                                                                                                                  2
                                                                                                                                                                                                                G 0300.00 5000.00 1000.00
c7h15cocho
                                                                                                                                                                                                                                                                                                                                                                                                    1
    2.
-0.58251656E + 05 - 0.88173157E + 02 \quad 0.68190461E + 00 \quad 0.10229115E + 00 - 0.60356600E - 04 \\ -0.58251656E + 05 - 0.88173157E + 02 \quad 0.68190461E + 00 \quad 0.10229115E + 00 - 0.60356600E - 04 \\ -0.58251656E + 0.58251656E + 0.58251656E + 0.08251656E + 0.0825166E +
                                                                                                                                                                                                                                                                                                                                                                                                    3
    0.11387066E-07 0.16369764E-11-0.51743332E+05 0.29378815E+02
                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                    c 9h 15o
                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                               G 0300.00
c7h15coco
                                                                                                                                                                                  2
                                                                                                                                                                                                                                                                                                                                                                                                    1
     \texttt{0.24233280E+02} \ \ \texttt{0.40633786E-01-0.12674992E-04} \ \ \texttt{0.19038575E-08-0.11262376E-12} 
                                                                                                                                                                                                                                                                                                                                                                                                    2
3
    0.77470652E-08 0.26542182E-11-0.33831184E+05 0.28853174E+02
                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                                                                                                                                                5000.00 1000.00
                                                                                                                    c 9h 16o
                                                                                                                                                                                  2
                                                                                                                                                                                                                  G 0300.00
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-0.58768668E+01 0.94361089E-01-0.39543469E-04 0.73097097E-08-0.49951671E-12
                                                                                                                                                                                                                                                                                                                                                                                                    2.
-0.52019414E+05 \quad 0.81111618E+02-0.16895115E+01 \quad 0.11043693E+00-0.73071729E-04 \\ -0.52019414E+05 \quad 0.81111618E+02-0.16895115E+01 \\ -0.52019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.00019414E+0.000019414E+0.000019414E+0.000019414E+0.000019414E+0.000019414E+0.000019414E+0.000019414E+0.0000019414E+0.000019414E+0.000019414E+0.00001941
                                                                                                                                                                                                                                                                                                                                                                                                    3
     \texttt{0.18193893E-07} \ \ \texttt{0.17378832E-11-0.56237133E+05} \ \ \texttt{0.48687267E+02} 
                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                    c 9h 15o 2
                                                                                                                                                                                                                  G 0300.00
                                                                                                                                                                                                                                                                                   5000.00 1000.00
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-0.28858628E+01 0.84375001E-01-0.33509492E-04 0.59654708E-08-0.39695306E-12
-0.34988707E + 05 \quad 0.66999374E + 02 - 0.14097799E + 01 \quad 0.10953296E + 00 - 0.81649865E - 04 + 0.00953296E + 00 - 0.81649865E - 0.00953296E + 0.0095296E + 0.00
    0.29498828E-07-0.25090095E-11-0.38457910E+05 0.48398739E+02
                                                                                                                     c 9h 16o
                                                                                                                                                                                  2
                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                      5000.00 1000.00
-0.73688302E + 01 \quad 0.96636087E - 01 - 0.40675688E - 04 \quad 0.75417566E - 08 - 0.51645418E - 12 - 0.73688302E + 01 \quad 0.96636087E - 01 - 0.40675688E - 04 \quad 0.75417566E - 08 - 0.51645418E - 12 - 0.73688302E + 01 \quad 0.96636087E - 01 - 0.40675688E - 04 \quad 0.75417566E - 08 - 0.51645418E - 12 - 0.75417566E - 08 - 0.51645418E - 12 - 0.75417566E - 08 - 0.51645418E - 12 - 0.75417566E - 0.7541756E - 0
-0.49995738E+05 0.89448219E+02 0.73609143E+00 0.10634527E+00-0.72250514E-04
    0.19195118E-07 0.14393408E-11-0.55734805E+05 0.35166233E+02
                                                                                                                     С
                                                                                                                                   9h 15o
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                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                      5000.00 1000.00
-0.43717647E+01 0.86603023E-01-0.34589499E-04 0.61817373E-08-0.41244764E-12
-0.32961660E+05 0.75319054E+02 0.11950926E+01 0.10418519E+00-0.77782315E-04
    0.27434101E-07-0.17149812E-11-0.37974582E+05 0.34120312E+02
                                                                                                                                        9h 16o
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                                                                                                                                                                                                                     G 0300.00
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                                                                                                                     C
-0.73688302E+01 0.96636087E-01-0.40675688E-04 0.75417566E-08-0.51645418E-12
-0.49995738E+05 0.89448219E+02 0.73609143E+00 0.10634527E+00-0.72250514E-04
    0.19195118E-07 0.14393408E-11-0.55734805E+05 0.35166233E+02
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                                                                                                                                        9h 15o
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                                                                                                                     C
-0.43717647E + 01 \quad 0.86603023E - 01 - 0.34589499E - 04 \quad 0.61817373E - 08 - 0.41244764E - 12 - 0.4124476E 
-0.32961660E+05 0.75319054E+02 0.11950926E+01 0.10418519E+00-0.77782315E-04
                                                                                                                                                                                                                                                                                                                                                                                                   3
    0.27434101E-07-0.17149812E-11-0.37974582E+05 0.34120312E+02
                                                                                                                                                                                                                                                                                                                                                                                                    4
c2h5coc3h6-1 14/04/09 c 6h 11o 1 0g 300.000 5000.000 1000.000
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-0.19928465E+01 0.56852952E-01-0.22060156E-04 0.38633146E-08-0.25410208E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.92114756E+04 0.50608898E+02-0.10352753E+01 0.82059510E-01-0.76060234E-04
                                                                                                                                                                                                                                                                                                                                                          3
    0.38905025E-07-0.75072119E-11-0.12082103E+05 0.35920418E+02
                                                                                                                                                                                                                                                                                                                                                          4
 c2h5coc3h6o2-1 14/04/09 c
                                                                                                                         6h 11o
                                                                                                                                                                                            0g
                                                                                                                                                                                                                  300.000 5000.000 1000.000
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     0.17303562E-01 \quad 0.61318409E-01-0.23928329E-04 \quad 0.42071560E-08-0.27748767E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.26859480E + 05 \quad 0.45185028E + 02 \quad 0.63390392E + 00 \quad 0.84316202E - 01 - 0.64012209E - 04 - 0.64012209E - 0.064012209E - 0.064012000E - 0.064012209E - 0.064012000E -
                                                                                                                                                                                                                                                                                                                                                          3
    0.20561478E-07-0.22730355E-12-0.29712301E+05 0.32505867E+02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                          0g
 c2h5coc3h6o2h-1 14/4/09 c
                                                                                                                         6h 12o
                                                                                                                                                                 3
                                                                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                          1
 -0.24538543E+01 0.69068864E-01-0.28517543E-04 0.52170095E-08-0.35389608E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.43774516E+05 \quad 0.60120399E+02 \quad 0.17135122E+01 \quad 0.82158916E-01-0.57425153E-04
                                                                                                                                                                                                                                                                                                                                                          3
    0.15034768E-07 0.13820448E-11-0.47652664E+05 0.28990437E+02
                                                                                                                                                                                                                                                                                                                                                          4
 c2h5coc3h6o-1 14/04/09 c
                                                                                                                         6h 11o
                                                                                                                                                                  2
                                                                                                                                                                                            0g
                                                                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                          1
 -0.25882854E+01 \quad 0.61611418E-01-0.24234871E-04 \quad 0.42846433E-08-0.28368407E-12
                                                                                                                                                                                                                                                                                                                                                          2
 3
     0.23517160E-07-0.18506986E-11-0.28944176E+05 0.38313740E+02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                  11/20/07 c
                                                                                                                  6h 11o
                                                                                                                                                                     1
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                      31
 -0.19928465E+01 0.56852952E-01-0.22060156E-04 0.38633146E-08-0.25410208E-12
                                                                                                                                                                                                                                                                                                                                                          2
 3
    0.38905025E-07-0.75072119E-11-0.12082103E+05 0.35920418E+02
                                                                                                                                                                                                                                                                                                                                                          4
c6oCqjF
                                                                 11/20/07 c
                                                                                                                         6h 11o
                                                                                                                                                                      3
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
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     0.17303562E-01 \quad 0.61318409E-01-0.23928329E-04 \quad 0.42071560E-08-0.27748767E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.26859480E + 05 \quad 0.45185028E + 02 \quad 0.63390392E + 00 \quad 0.84316202E - 01 - 0.64012209E - 04 - 0.064012209E - 0.0640120000E - 0.06
                                                                                                                                                                                                                                                                                                                                                          3
    0.20561478E-07-0.22730355E-12-0.29712301E+05 0.32505867E+02
                                                                                                                                                                                                                                                                                                                                                          4
Dc6oCqF
                                                                 11/20/07 c
                                                                                                                         6h 11o
                                                                                                                                                                      3
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
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     0.65709686E+00 0.60249776E-01-0.23397673E-04 0.41005794E-08-0.26988153E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.24306268E+05 0.43133324E+02 0.10258147E+01 0.89768246E-01-0.81939805E-04
                                                                                                                                                                                                                                                                                                                                                          3
    0.38916802E-07-0.64821607E-11-0.27381777E+05 0.30286562E+02
                                                                                                                                                                                                                                                                                                                                                         4
 c6oCqFqjD
                                                                11/20/07 c 6h 11o
                                                                                                                                                                      5
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
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    0.26609344E+01 0.65286502E-01-0.25646812E-04 0.45309143E-08-0.29987696E-12
                                                                                                                                                                                                                                                                                                                                                         2
 -0.39109938E+05 \quad 0.39296135E+02 \quad 0.69323474E+00 \quad 0.10176343E+00-0.83807834E-04
                                                                                                                                                                                                                                                                                                                                                         3
    0.28916723E-07-0.11015376E-11-0.41929820E+05 0.37563919E+02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                            0g
nc3h7coc2h4p 2/22/96 trmc
                                                                                                                         6h 11o
                                                                                                                                                                                                                 300.000 5000.000 1380.000
                                                                                                                                                                                                                                                                                                                                                      51
                                                                                                                                                                     1
    1.92391148 \\ e+01 \ 2.51659147 \\ e-02-8.57508083 \\ e-06 \ 1.32847255 \\ e-09-7.69774808 \\ e-14 \ e-14 \\ e-14 \ e-
                                                                                                                                                                                                                                                                                                                                                          2
 -1.85404890 \\ e+04-7.00617026 \\ e+01 \\ 2.08958703 \\ e+00 \\ 6.24878115 \\ e-02-3.97257078 \\ e-05 \\ e
                                                                                                                                                                                                                                                                                                                                                          3
    1.33752941e-08-1.92193795e-12-1.21992557e+04\ 2.32035207e+01
                                                                                                                                                                                                                                                                                                                                                          4
nc3h7coc2h4o2 23/01/09 c 6h 11o
                                                                                                                                                                                            0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                          1
                                                                                                                                                                  3
 -0.27137476E+00 \quad 0.61813820E-01-0.24185589E-04 \quad 0.42612784E-08-0.28152272E-12
                                                                                                                                                                                                                                                                                                                                                          2.
 -0.26745207E+05 \quad 0.46796783E+02 \quad 0.38784835E+00 \quad 0.86001523E-01-0.67999958E-04
                                                                                                                                                                                                                                                                                                                                                          3
    0.24474442E - 07 - 0.15869495E - 11 - 0.29685695E + 05 \quad 0.33551151E + 02
                                                                                                                                                                                                                                                                                                                                                          4
nc3h7coc2h4o2h 23/01/09 c 6h 12o
                                                                                                                                                                     3
                                                                                                                                                                                            0g
                                                                                                                                                                                                           300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                          1
 -0.27132683E+01 \quad 0.69520004E-01-0.28754148E-04 \quad 0.52669251E-08-0.35760986E-12
                                                                                                                                                                                                                                                                                                                                                          2.
 -0.43673590E + 05 \quad 0.61563953E + 02 \quad 0.16487985E + 01 \quad 0.82592793E - 01 - 0.58421985E - 04 \quad 0.82592793E - 01 - 0.8421985E - 04 \quad 0.82592793E - 01 - 0.8421985E - 04 \quad 0.8421985E - 0
                                                                                                                                                                                                                                                                                                                                                          3
    0.15976473E-07 0.10694108E-11-0.47645562E+05 0.29266394E+02
                                                                                                                                                                                                                                                                                                                                                          4
nc3h7coc2h4o 23/01/09
                                                                                                                          6h 11o
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                                                                                                                                                                                            0g
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                                                                                                        С
 -0.26966052E + 01 \quad 0.61800648E - 01 - 0.24338944E - 04 \quad 0.43078408E - 08 - 0.28550282E - 12 - 0.26966052E + 0.061800648E - 0.061800648E -
                                                                                                                                                                                                                                                                                                                                                          2
 -0.25886318E + 05 \quad 0.56434509E + 02 - 0.85718077E + 00 \quad 0.80896161E - 01 - 0.61615043E - 04 - 0.80896161E - 01 - 0.80896161E -
                                                                                                                                                                                                                                                                                                                                                          3
    0.21394984E - 07 - 0.10963874E - 11 - 0.28957740E + 05 \quad 0.37777760E + 02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                                                                                                                                                                                      31
 c3h7coc2h4qj
                                                                 11/16/07 c
                                                                                                                          6h 11o
                                                                                                                                                                      3
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
 2
 3
     0.24474442E-07-0.15869495E-11-0.29685695E+05 0.33551151E+02
                                                                                                                                                                                                                                                                                                                                                          4
 c2h5chcoc2h4q 11/16/07 c
                                                                                                                          6h 11o
                                                                                                                                                                      3
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
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     0.42567706E+00 0.60641065E-01-0.23592698E-04 0.41398209E-08-0.27268576E-12
                                                                                                                                                                                                                                                                                                                                                          2
 -0.24215232E+05 0.44450573E+02 0.93443424E+00 0.90357177E-01-0.83266939E-04
                                                                                                                                                                                                                                                                                                                                                          3
    0.40158326E-07-0.68927971E-11-0.27371236E+05 0.30706070E+02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                11/16/07 c
 c3h7cochch2q
                                                                                                                         6h 11o
                                                                                                                                                                      3
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                      31
     0.38453087E+00 0.60715687E-01-0.23637132E-04 0.41504391E-08-0.27356521E-12
                                                                                                                                                                                                                                                                                                                                                          2.
 -0.24198471E+05 \quad 0.44685715E+02 \quad 0.91858512E+00 \quad 0.90490445E-01-0.83608677E-04
                                                                                                                                                                                                                                                                                                                                                         3
     0.40509040E-07-0.70185051E-11-0.27370053E+05 0.30774313E+02
                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                            0G
                                                                                                                                                                                                                  300.000 5000.000 1000.000
 c2h5chqjcoc2h4q 11/16/7 c 6h 11o
                                                                                                                                                               5
                                                                                                                                                                                                                                                                                                                                                      31
     0.26609344E+01 0.65286502E-01-0.25646812E-04 0.45309143E-08-0.29987696E-12
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-0.39109879E+05 0.39296928E+02 0.65595829E+00 0.10202046E+00-0.84421321E-04
                                                                                                                                                                                                                                                                          3
   0.29525289E-07-0.13156865E-11-0.41925809E+05 0.37722607E+02
                                                                                                                                                                                                                                                                           4
c3h7cochqjch2q 11/16/7 c
                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                              6h 11o
                                                                                                                            5
                                                                                                                                               0G
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    0.26609344E+01 0.65286502E-01-0.25646812E-04 0.45309143E-08-0.29987696E-12
                                                                                                                                                                                                                                                                          2.
-0.39109938E+05 \ 0.38603127E+02 \ 0.69323474E+00 \ 0.10176343E+00-0.83807834E-04
                                                                                                                                                                                                                                                                           3
   0.28916723 \\ \text{E}-07-0.11015376 \\ \text{E}-11-0.41929816 \\ \text{E}+05 \quad 0.36870907 \\ \text{E}+02
                                                                                                                                                                                                                                                                           4
                                                                                              7h 13o 1 0g
                                                                                                                                                                 300.000 5000.000 1000.000
nc4h9coc2h4p 2/22/96 trmc
                                                                                                                                                                                                                                                                       51
-0.27709353E+00 \quad 0.63256085E-01-0.24308392E-04 \quad 0.42284425E-08-0.27681682E-12
                                                                                                                                                                                                                                                                           2
-0.12596286E+05 0.43442142E+02-0.13162464E+01 0.94364487E-01-0.84094034E-04
                                                                                                                                                                                                                                                                           3
   0.41271402E-07-0.76538663E-11-0.14968117E+05 0.38901386E+02
                                                                                                                                                                                                                                                                           4
nc4h9coc2h4o2 23/01/09 c 7h 13o 3
                                                                                                                                                                 300.000 5000.000 1000.000
                                                                                                                                           0g
                                                                                                                                                                                                                                                                           1
   0.15442940E + 01 \quad 0.68040177E - 01 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E 
                                                                                                                                                                                                                                                                           2
-0.30168770E + 05 \quad 0.39072868E + 02 \quad 0.33634517E + 00 \quad 0.96723363E - 01 - 0.72253446E - 04 \\ -0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E \\ -0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E \\ -0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E + 0.30168770E \\ -0.30168770E + 0.30168770E + 0.3016870E + 0.3016870E + 0.3016870E \\ -0.3016870E + 0.3016870E + 0.3016870E + 0.3016870E + 0.3016870E + 0.3016870E + 0.3016870E \\ -0.3016870E + 0.3016870E + 0.301670E + 0.3016870E + 0.301670E + 0.
                                                                                                                                                                                                                                                                           3
   0.23091848E-07-0.41578110E-12-0.32596379E+05 0.35557541E+02
                                                                                                                                                                                                                                                                           4
nc4h9coc2h4o2h 23/01/09 c 7h 14o
                                                                                                                           3
                                                                                                                                           0g
                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                           1
-0.82995027E+00 \quad 0.75562038E-01-0.30756626E-04 \quad 0.55703624E-08-0.37517193E-12
                                                                                                                                                                                                                                                                           2
 -0.47112914E+05 0.53493481E+02 0.13843561E+01 0.94782956E-01-0.66182307E-04
                                                                                                                                                                                                                                                                           3
   0.18075669E-07 0.10142453E-11-0.50533328E+05 0.32173725E+02
                                                                                                                                                                                                                                                                           4
nc4h9coc2h4o 23/01/09
                                                                            С
                                                                                              7h 13o
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                                                                                                                                               0q
                                                                                                                                                                  300.000 5000.000 1000.000
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-0.85108739E + 00 \quad 0.67970060E - 01 - 0.26458378E - 04 \quad 0.46447171E - 08 - 0.30605328E - 12 - 0.46447171E - 0.46
                                                                                                                                                                                                                                                                           2
-0.29320070E+05 0.48549061E+02-0.12538546E+01 0.94012983E-01-0.71624308E-04
                                                                                                                                                                                                                                                                           3
    0.25760444E-07-0.19605144E-11-0.31831494E+05 0.41246357E+02
                                                                                                                                                                                                                                                                           4
                                                  11/19/07 c
                                                                                              7h 13o
                                                                                                                               1
                                                                                                                                               0G
                                                                                                                                                                  300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                       31
-0.27709353E+00 0.63256085E-01-0.24308392E-04 0.42284425E-08-0.27681682E-12
                                                                                                                                                                                                                                                                           2
-0.12596286E+05 0.43442142E+02-0.13162464E+01 0.94364487E-01-0.84094034E-04
                                                                                                                                                                                                                                                                           3
   0.41271402E-07-0.76538663E-11-0.14968117E+05 0.38901386E+02
                                                                                                                                                                                                                                                                          4
                                                  11/19/07 c 7h 13o
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                                                                                                                                            0G
                                                                                                                                                                  300.000 5000.000 1000.000
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c7oCaiA
   0.15442940E+01 0.68040177E-01-0.26338756E-04 0.46059276E-08-0.30268827E-12
                                                                                                                                                                                                                                                                          2
-0.30168770E + 05 \ 0.39072868E + 02 \ 0.33634517E + 00 \ 0.96723363E - 01 - 0.72253446E - 04
                                                                                                                                                                                                                                                                          3
   0.23091848E-07-0.41578110E-12-0.32596379E+05 0.35557541E+02
                                                                                                                                                                                                                                                                          4
                                                  11/19/07 c 7h 13o
                                                                                                                                               0G
                                                                                                                                                           300.000 5000.000 1000.000
Dc7oCaA
                                                                                                                            3
                                                                                                                                                                                                                                                                       31
   0.22603157E + 01 \quad 0.66837527E - 01 - 0.25730542E - 04 \quad 0.44810697E - 08 - 0.29357606E - 12
                                                                                                                                                                                                                                                                          2.
-0.27646125E+05 \quad 0.36615578E+02 \quad 0.69553852E+00 \quad 0.10241663E+00-0.90782822E-04
                                                                                                                                                                                                                                                                          3
   0.42064428E-07-0.68936844E-11-0.30262621E+05 0.33493950E+02
                                                                                                                                                                                                                                                                          4
                                                  11/19/07 c 7h 13o
                                                                                                                                               OG 300.000 5000.000 1000.000
                                                                                                                           5
                                                                                                                                                                                                                                                                       31
c7oCqAqjD
    \texttt{0.43074183E+01 0.71792826E-01-0.27932670E-04 0.49008335E-08-0.32275259E-12 } \\
                                                                                                                                                                                                                                                                          2
-0.42466027E+05 \quad 0.31825829E+02 \quad 0.56108463E+00 \quad 0.11302855E+00-0.89322195E-04
                                                                                                                                                                                                                                                                           3
   0.28744292E-07-0.34065657E-12-0.44831668E+05 0.39220276E+02
                                                                                                                                                                                                                                                                           4
nc3h7coc3h6-1 14/4/09 c 7h 13o
                                                                                                                             1
                                                                                                                                                 0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                           1
-0.27709353E+00 \quad 0.63256085E-01-0.24308392E-04 \quad 0.42284425E-08-0.27681682E-12
                                                                                                                                                                                                                                                                           2.
-0.12596286E+05 0.43442142E+02-0.13162464E+01 0.94364487E-01-0.84094034E-04
                                                                                                                                                                                                                                                                           3
   0.41271402E-07-0.76538663E-11-0.14968117E+05 0.38901382E+02
                                                                                                                                                                                                                                                                           4
nc3h7coc3h6o2-1 14/4/09 c 7h 13o
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                                                                                                                                                 0g
                                                                                                                                                                 300.000 5000.000 1000.000
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   0.15442940E + 01 \quad 0.68040177E - 01 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E - 04 \quad 0.46059276E - 08 - 0.30268827E - 12 - 0.26338756E 
3
   0.22481633E-07-0.20105247E-12-0.32600398E+05 0.35398567E+02
                                                                                                                                                                                                                                                                           4
nc3h7coc3h6o2h-1 14/4/9 c
                                                                                            7h 14o
                                                                                                                                3
                                                                                                                                                 0q
                                                                                                                                                                 300.000 5000.000 1000.000
-0.82995027E+00 \quad 0.75562038E-01-0.30756626E-04 \quad 0.55703624E-08-0.37517193E-12
-0.47112914E+05 0.53493481E+02 0.13843561E+01 0.94782956E-01-0.66182307E-04
   0.18075669E-07 0.10142453E-11-0.50533328E+05 0.32173725E+02
nc3h7coc3h6o-1 14/4/09 c
                                                                                              7h 13o
                                                                                                                                2
                                                                                                                                                 0q
                                                                                                                                                                  300.000 5000.000 1000.000
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-0.85108739E+00 0.67970060E-01-0.26458378E-04 0.46447171E-08-0.30605328E-12
                                                                                                                                                                                                                                                                           2
-0.29319891E+05 0.48548794E+02-0.13584634E+01 0.94736993E-01-0.73359792E-04
                                                                                                                                                                                                                                                                           3
   0.27489104E-07-0.25710523E-11-0.31820275E+05 0.41688850E+02
                                                                                                                                                                                                                                                                           4
                                                   11/20/07 c
                                                                                              7h 13o
                                                                                                                                                 0G
                                                                                                                                                                  300.000 5000.000 1000.000
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                                                                                                                               1
-0.27709353E+00 \quad 0.63256085E-01-0.24308392E-04 \quad 0.42284425E-08-0.27681682E-12
                                                                                                                                                                                                                                                                          2.
-0.12596286E+05 0.43442142E+02-0.13162464E+01 0.94364487E-01-0.84094034E-04
                                                                                                                                                                                                                                                                          3
   0.41271402E-07-0.76538663E-11-0.14968117E+05 0.38901382E+02
                                                                                                                                                                                                                                                                           4
                                                   11/20/07 c
                                                                                              7h 13o
                                                                                                                                                 0G
                                                                                                                                3
                                                                                                                                                                  300.000 5000.000 1000.000
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    0.15442940E+01 0.68040177E-01-0.26338756E-04 0.46059276E-08-0.30268827E-12
                                                                                                                                                                                                                                                                          2.
-0.30168840E + 05 \quad 0.39072212E + 02 \quad 0.37372386E + 00 \quad 0.96465625E - 01 - 0.71638300E - 04 \\ -0.30168840E + 05 \quad 0.39072212E + 02 \quad 0.37372386E + 00 \quad 0.96465625E - 01 - 0.71638300E - 04 \\ -0.30168840E + 05 \quad 0.39072212E + 02 \quad 0.37372386E + 00 \quad 0.96465625E - 01 - 0.71638300E - 04 \\ -0.30168840E + 0.00168840E + 0.001
                                                                                                                                                                                                                                                                           3
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0.22481633E-07-0.20105247E-12-0.32600398E+05 0.35398567E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                               11/20/07 c
                                                                                                                                                   7h 13o
                                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                                        300.000 5000.000 1000.000
Cc7oDaA
                                                                                                                                                                                                  3
                                                                                                                                                                                                                                                                                                                                                                                                                             31
      0.22500701E+01 0.66855945E-01-0.25741401E-04 0.44836419E-08-0.29378743E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.27642279E + 05 \quad 0.36678741E + 02 \quad 0.91601241E + 00 \quad 0.10089627E + 00 - 0.87142857E - 04 + 0.0089627E 
                                                                                                                                                                                                                                                                                                                                                                                                                                 3
     0.38440337E-07-0.56138618E-11-0.30286393E+05 0.32565609E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                  5
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                   7h 13o
 c7oDqAqjC
                                                                               11/20/07 c
                                                                                                                                                                                                                                 0G
                                                                                                                                                                                                                                                                                                                                                                                                                             31
      0.43207245E+01 \quad 0.71781620E-01-0.27947865E-04 \quad 0.49087507E-08-0.32366696E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.42470047E+05 \quad 0.31751045E+02 \quad 0.37356594E+00 \quad 0.11434632E+00-0.92532769E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     {\tt 0.31995832E-07-0.15080582E-11-0.44811824E+05\ 0.40011875E+02}
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc6h13coc3h6-1
                                                                                    17/9/09 c 10h 19o
                                                                                                                                                                                                  1
                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
      0.47539911E+01 \quad 0.82678452E-01-0.31171461E-04 \quad 0.53491589E-08-0.34681809E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.22707973E+05 \quad 0.22577545E+02-0.19475780E+01 \quad 0.12979481E+00-0.10458541E-03
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.44722682E-07-0.67872613E-11-0.23648559E+05 0.46946564E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc6h13coc3h6o2-1 17/9/09c 10h 19o
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                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
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      0.66463242E+01 0.87344401E-01-0.33151500E-04 0.57189773E-08-0.37233961E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.40306828E+05 0.17811478E+02-0.48735911E+00 0.13350372E+00-0.96030701E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
      0.29868836E-07-0.74278642E-12-0.41256441E+05 0.44412155E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nhxcoc3h6o2h-1
                                                                                       17/9/09c 10h 20o
                                                                                                                                                                                                        3
                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
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      0.43741097E+01 0.94577119E-01-0.37329104E-04 0.66182353E-08-0.43920499E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.57274234E+05 0.31710251E+02 0.10726475E+01 0.12802187E+00-0.81475468E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
      0.16405615E-07 0.36697308E-11-0.59248320E+05 0.38854687E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc6h13coc3h6o-1 17/9/09c 10h 19o
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                                                                                                                                                                                                                                   0q
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      0.41304026E+01 0.87454513E-01-0.33331202E-04 0.57635172E-08-0.37568635E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.39409605E+05 0.27967888E+02-0.18962446E+01 0.12951648E+00-0.92278307E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
      0.29356379E-07-0.11377110E-11-0.40510719E+05 0.49336288E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                               0g
nc6h13coch2 4/9/09 thergc
                                                                                                                                            8h 15o
                                                                                                                                                                                                        1
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
     2
 -0.22079352E + 05 - 0.31360634E + 02 - 0.10810651E + 01 \quad 0.99344060E - 01 - 0.73200848E - 04 - 0.00848E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.28423893E-07-0.41095551E-11-0.18985766E+05 0.38858177E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc6h13coch2o2 4/9/9 therc
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                                                                                                                                                   8h 15o
                                                                                                                                                                                                     3
                                                                                                                                                                                                                                   0q
                                                                                                                                                                                                                                                                                                                                                                                                                             51
     0.10493491E+02 0.62341295E-01-0.22636101E-04 0.37836174E-08-0.24087587E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.35819863E + 05 - 0.87785492E + 01 \quad 0.10389701E + 01 \quad 0.10517728E + 00 - 0.76256765E - 04 \quad 0.10517728E + 00 - 0.76256765E - 0.005766E - 0.005766E - 0.005766E - 0.005766E - 0.005766E - 0.005766E - 0.00576E - 0.00576E
                                                                                                                                                                                                                                                                                                                                                                                                                                 3
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     0.25416805E-07-0.16783787E-11-0.35030578E+05 0.33653629E+02
                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                             300.000 5000.000 1000.000
                                                                                                                                                   8h 16o
nc6h13coch2o2h 4/9/9therc
                                                                                                                                                                                                    3
                                                                                                                                                                                                                                                                                                                                                                                                                             51
     2
 -0.52848141E+05 \quad 0.40251694E+01 \quad 0.22758703E+01 \quad 0.10193286E+00\\ -0.67067893E-04 \quad 0.10193286E+00\\ -0.6706789486E-04 \quad 0.10193286E+00\\ -0.67067886E-04 \quad 0.1019486E-04 \quad 0.101948
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.17302149E-07 0.84399615E-12-0.52987828E+05 0.29466562E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc6h13coch2o 4/9/9 thergc
                                                                                                                                          8h 15o
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     0.81315508E + 01 \quad 0.62203679E - 01 - 0.22721475E - 04 \quad 0.38165258E - 08 - 0.24394234E - 12 - 0.2439424E - 12 - 0.243942E - 0.244842E - 0.244
                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.34981281E + 05 \quad 0.51858521E + 00 - 0.25794432E + 00 \quad 0.10043867E + 00 - 0.70775946E - 04 - 0.0043867E + 00 - 0.0043867E + 0.004867E 
                                                                                                                                                                                                                                                                                                                                                                                                                                 3
     0.23268411E-07-0.15287035E-11-0.34297145E+05 \ 0.38100636E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
 nc5h11coch2 4/9/09 thergc
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                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
      0.11565912E+02 0.44805121E-01-0.15541449E-04 0.25166160E-08-0.15678500E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.18766516E + 05 - 0.25225800E + 02 - 0.78872281E + 00 \quad 0.86971402E - 01 - 0.65039108E - 04 - 0.065039108E 
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.25971573E-07-0.39489718E-11-0.16101104E+05 0.35829269E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
 nc5h11coch2o2 4/9/9 therc
                                                                                                                                                   7h 13o
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                                                                                                                                                                                                                                   0g
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
      0.87965269E+01 0.55888582E-01-0.20350768E-04 0.34093846E-08-0.21744713E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.32439494E + 05 - 0.17062683E + 01 \quad 0.14512132E + 01 \quad 0.91956720E - 01 - 0.66013206E - 04 \\ -0.32439494E + 05 - 0.17062683E + 01 \quad 0.14512132E + 01 \quad 0.91956720E - 01 - 0.66013206E - 04 \\ -0.32439494E + 05 - 0.17062683E + 01 \quad 0.14512132E + 01 \quad 0.91956720E - 01 - 0.66013206E - 04 \\ -0.32439494E + 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 \\ -0.32439494E + 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 \\ -0.32439494E + 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 \\ -0.32439494E + 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.05 - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.20837234E - 07 - 0.74675330E - 12 - 0.32158537E + 05 \quad 0.30119492E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
nc5h11coch2o2h 4/9/9therc
                                                                                                                                                   7h 14o
                                                                                                                                                                                                                                   0q
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
      0.67901912E+01 0.62539011E-01-0.24117238E-04 0.42043031E-08-0.27558980E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.49493656E+05 0.10770271E+02 0.26199572E+01 0.89184307E-01-0.57956753E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                  3
     0.13851823E-07 0.13762410E-11-0.50108477E+05 0.26222891E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                                   0g
nc5h11coch2o 4/9/9 therac
                                                                                                                                                   7h 13o
                                                                                                                                                                                                         2
                                                                                                                                                                                                                                                              300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
      0.64335599E+01 0.55745244E-01-0.20422225E-04 0.34369783E-08-0.21995626E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.31599939E+05 0.75994492E+01-0.17543760E+00 0.89507796E-01-0.66034008E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                 3
     0.24176153E-07-0.25360191E-11-0.31389871E+05 0.35962086E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                                   0g
nc4h9coch2 2/22/96 thermc
                                                                                                                                                   6h 11o
                                                                                                                                                                                                        1
                                                                                                                                                                                                                                                              300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                                             51
     1.98575871e + 01 2.52406370e - 02 - 8.72522623e - 06 1.36422047e - 09 - 7.95374883e - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -2.20531958e + 04 - 7.71140999e + 01 \ 6.57240675e - 01 \ 6.91820222e - 02 - 4.79956182e - 05 \ 4.091820222e - 02 - 4.79956182e - 02 \ 4.091820222e - 02 - 4.09182022e - 02 
                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      1.78114857e-08-2.80456388e-12-1.51806661e+04 2.65180216e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                  4
```

```
0g
nc4h9coch2o2 23/01/09
                                                                                                        6h 11o 3
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                    C
    0.70765643E+01 0.49467422E-01-0.18069997E-04 0.30336027E-08-0.19373747E-12
                                                                                                                                                                                                                                                                                                         2.
-0.29049797E+05 0.54964981E+01 0.16800222E+01 0.80003649E-01-0.58798578E-04
                                                                                                                                                                                                                                                                                                         3
    0.19261471E-07-0.87040070E-12-0.29266809E+05 0.27362431E+02
nc4h9coch2o2h 23/01/09 c 6h 12o 3
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                                                                                          0g
                                                                                                                                                                                                                                                                                                         1
    0.49432955E+01 0.56368947E-01-0.21999969E-04 0.38688066E-08-0.25522168E-12
                                                                                                                                                                                                                                                                                                         2
-0.46057641E+05 \quad 0.18669518E+02 \quad 0.29456627E+01 \quad 0.76562606E-01-0.49144201E-04
    0.10688752E-07 \quad 0.18118817E-11-0.47227172E+05 \quad 0.23057047E+02
                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                       0g 300.000 5000.000 1000.000
                                                                                   c 6h 11o 2
nc4h9coch2o 23/01/09
                                                                                                                                                                                                                                                                                                         1
    0.47593827E+01 \quad 0.49248084E-01-0.18102966E-04 \quad 0.30531948E-08-0.19565201E-12
                                                                                                                                                                                                                                                                                                         2
3
    0.20162277E-07-0.18044660E-11-0.28514357E+05 0.32566277E+02
                                                                                                                                                                                                                                                                                                         4
nc5h11coc3h6-1 14/4/9 c 9h 17o 1
                                                                                                                                                       0g
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    0.30363081E+01 0.76269872E-01-0.28914286E-04 0.49814086E-08-0.32388518E-12
                                                                                                                                                                                                                                                                                                         2
 -0.19320652E+05 0.29761848E+02-0.17976100E+01 0.11840548E+00-0.98765966E-04
    0.44578751E-07-0.74306030E-11-0.20748639E+05 0.44521168E+02
                                                                                                                                                                                                                                                                                                         4
nc5h11coc3h6o2-1 14/4/9 c 9h 17o 3
                                                                                                                                                          0g
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    0.46585231E+01 0.81381120E-01-0.31097577E-04 0.53877969E-08-0.35171069E-12
                                                                                                                                                                                                                                                                                                         2
-0.36813500E + 05 \quad 0.26506081E + 02 - 0.19009900E + 00 \quad 0.12104988E + 00 - 0.87539272E - 04 \\ -0.36813500E + 05 \quad 0.26506081E + 02 - 0.19009900E + 00 \quad 0.12104988E + 00 - 0.87539272E - 04 \\ -0.36813500E + 05 \quad 0.26506081E + 02 - 0.19009900E + 00 \quad 0.12104988E + 00 - 0.87539272E - 04 \\ -0.36813500E + 05 \quad 0.26506081E + 02 - 0.19009900E + 00 \quad 0.12104988E + 00 - 0.87539272E - 04 \\ -0.36813500E + 0.00060E + 0.0006
                                                                                                                                                                                                                                                                                                         3
    0.26935908E-07-0.35511096E-12-0.38371707E+05 0.41369411E+02
npecoc3h6o2h-1
                                                                           4/9 c 9h 18o
                                                                                                                                                               0q
                                                                                                                                                                                    300.000 5000.000 1000.000
    0.23627059E+01 0.88693760E-01-0.35346722E-04 0.63068311E-08-0.42028739E-12
                                                                                                                                                                                                                                                                                                         2.
-0.53776957E+05 \quad 0.40521729E+02 \quad 0.75899494E+00 \quad 0.11979280E+00-0.83101346E-04
    0.23541356E-07 0.50399875E-12-0.56298043E+05 0.38402130E+02
nc5h11coc3h6o-1 14/4/9 c 9h 17o
                                                                                                                                          2
                                                                                                                                                            0q
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    0.26204574E+01 0.80708377E-01-0.30922896E-04 0.53689337E-08-0.35107453E-12
                                                                                                                                                                                                                                                                                                         2
-0.36105652E+05 0.33986694E+02-0.14023944E+01 0.11575917E+00-0.80825128E-04
                                                                                                                                                                                                                                                                                                         3
    0.23654700E-07 0.16010857E-12-0.37647797E+05 0.45452847E+02
                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                           0g
                                                              14/4/9 c 7h 12o
                                                                                                                                                                                    300.000 5000.000 1000.000
ch3coc5h9-1
                                                                                                                                                                                                                                                                                                         1
                                                                                                                                          1
    0.10120316E + 02 \quad 0.44608474E - 01 - 0.16482942E - 04 \quad 0.27900673E - 08 - 0.17923937E - 12 - 0.1792397E - 0.17927E - 0
                                                                                                                                                                                                                                                                                                         2.
3
    0.78475813E-08 0.14173481E-11-0.24239203E+05 0.30715996E+02
                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                            0g 300.000 5000.000 1000.000
                                                              14/4/9 c 8h 14o
c2h5coc5h9-1
                                                                                                                                                                                                                                                                                                         1
                                                                                                                                         1
2
-0.24828543\mathtt{E} + 05 \quad 0.47204861\mathtt{E} + 02 - 0.21534809\mathtt{E} + 00 \quad 0.90278000\mathtt{E} - 01 - 0.58871810\mathtt{E} - 04
                                                                                                                                                                                                                                                                                                         3
    0.14389625E-07 \ 0.13839852E-11-0.27267029E+05 \ 0.35426846E+02
                                                                                                                                                                                                                                                                                                         4
ch2coc5h9-1
                                                              14/4/9 c 7h 11o
                                                                                                                                         1
                                                                                                                                                               0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    0..12798200E + 02 \quad 0..37607454E - 01 - 0..12782762E - 04 \quad 0..20395223E - 08 - 0..12571717E - 12 - 0..20395223E - 08 - 0..20395223E - 0..20395223E - 0..20395223E - 0..20395223E - 0..20395225E - 0..2039525E - 0..20395225E - 0..203952525E - 0..2039525E - 0..203952525E - 0..2039525E 
                                                                                                                                                                                                                                                                                                         2.
3
    0.22834366E-07-0.31979820E-11-0.89970154E+03 \ 0.33584213E+02
                                                                                                                                                                                                                                                                                                         4
ch3coc5h8-15
                                                             14/4/9 c 7h 11o
                                                                                                                                          1
                                                                                                                                                               0g 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    -0.68200312E + 04 - 0.30952133E + 02 - 0.17468783E + 00 \\ 0.81123672E - 01 - 0.67191577E - 04 \\ -0.68200312E + 04 - 0.30952133E + 02 - 0.17468783E + 00 \\ -0.68200312E + 04 - 0.30952133E + 02 - 0.17468783E + 00 \\ -0.68200312E + 04 - 0.30952133E + 02 - 0.17468783E + 00 \\ -0.68200312E + 04 - 0.30952133E + 02 - 0.17468783E + 00 \\ -0.68200312E + 0.0000312E + 0.00000312E + 0.0000312E + 0.00000312E + 0.00000312E + 0.0000312E + 0.00000312E + 0.00000
    0.32027643E-07-0.65410125E-11-0.39642434E+04 0.32128975E+02
                                                               14/4/9 c 7h 11o
                                                                                                                                          1
                                                                                                                                                               0g 300.000 5000.000 1000.000
    0.11685796E+02 0.38428675E-01-0.13045591E-04 0.20811772E-08-0.12835632E-12
-0.10966742E + 05 - 0.25643135E + 02 \quad 0.84971964E + 00 \quad 0.72163954E - 01 - 0.48868886E - 04 - 0.06868886E - 0.0686886E - 0.068686E - 0.0686886E - 0.068686E - 0.068686
    0.16963947E-07-0.20996117E-11-0.83836494E+04 0.28918091E+02
                                                               14/4/9 c 8h 13o
                                                                                                                                                                 0q
                                                                                                                                                                                    300.000 5000.000 1000.000
    0.18777597E + 01 \quad 0.64403608E - 01 - 0.24834610E - 04 \quad 0.43300354E - 08 - 0.28390869E - 12 \\ 0.18777597E + 01 \quad 0.64403608E - 01 - 0.24834610E - 04 \\ 0.43300354E - 08 - 0.28390869E - 12 \\ 0.43300354E - 0.28390869E - 12 \\ 0.4330054E - 0.28390869E - 0.28390869E
-0.53298887E + 04 0.31646553E + 02 0.23790632E + 00 0.89733906E - 01 - 0.64872816E - 04
    0.21083968E-07-0.74077452E-12-0.71062251E+04 0.32192642E+02
                                                                                                                                                                 0g
                                                               14/4/9 c
                                                                                                        8h 13o
                                                                                                                                                                                    300.000 5000.000 1000.000
c2h5coc5h8-15
                                                                                                                                              1
    0.21399291E+01 0.63860677E-01-0.24555016E-04 0.42739168E-08-0.27995423E-12
-0.53771641E+04 \quad 0.30068565E+02-0.81942040E+00 \quad 0.97296253E-01-0.81950042E-04
    0.36826346E-07-0.59657218E-11-0.70048813E+04 0.36343597E+02
                                                                                                                                                                                                                                                                                                         4
c2h5coc5h8-13
                                                               14/4/9 c
                                                                                                        8h 13o
                                                                                                                                              1
                                                                                                                                                                 0g
                                                                                                                                                                                    300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                         1
    0.13281809E+01 0.64736195E-01-0.24912279E-04 0.43385882E-08-0.28430470E-12
                                                                                                                                                                                                                                                                                                         2.
-0.95447500E + 04 \ 0.35133892E + 02 \ 0.23215331E + 00 \ 0.88131994E - 01 - 0.63118801E - 04
                                                                                                                                                                                                                                                                                                         3
    0.21245411E-07-0.13391435E-11-0.11426853E+05 0.33040543E+02
                                                                                                                                                                                                                                                                                                         4
                                                        11/20/07 c 8h 15o 1
                                                                                                                                                               OG 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                     31
Ac8oB
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0.13019993E+02 0.51662784E-01-0.18029459E-04 0.29325748E-08-0.18329408E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.22049264 \pm +05 -0.30937851 \pm +02 -0.97592682 \pm +00 -0.98611005 \pm -01 -0.71430644 \pm -04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.26647946E-07-0.34779946E-11-0.18996963E+05 0.38413456E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                        11/20/07 c
                                                                                                                                     8h 15o
                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                      31
                                                                                                                                                                                     3
     0.10417098E+02 0.62473711E-01-0.22708580E-04 0.37997863E-08-0.24214796E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.35789539E + 05 - 0.83526840E + 01 \quad 0.11709684E + 01 \quad 0.10424709E + 00 - 0.73988187E - 04 \quad 0.10424709E + 0.10
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.23121460E-07-0.85625718E-12-0.35044488E+05 0.33096714E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
 Cc8oBqA
                                                                        11/20/07 c
                                                                                                                                     8h 15o
                                                                                                                                                                                 3
                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                                                                                                                                                                      31
     0.11084456E + 02 \quad 0.61377130E - 01 - 0.22174727E - 04 \quad 0.36936287E - 08 - 0.23458611E - 128458611E - 1284
                                                                                                                                                                                                                                                                                                                                                                                           2
 3
     0.37450988E - 07 - 0.56901623E - 11 - 0.32740979E + 05 \quad 0.29835604E + 02
                                                                                                                                                                                                                                                                                                                                                                                           4
                                                                                                                             8h 15o
 c8oBqAqjC
                                                                        11/20/07 c
                                                                                                                                                                                5
                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                      31
     0.13064142E+02 0.66384465E-01-0.24349276E-04 0.40987422E-08-0.26220681E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.48035355E + 05 - 0.14242722E + 02 \quad 0.14106435E + 01 \quad 0.12043736E + 00 - 0.90743888E - 04 \quad 0.14106435E + 01 \quad 0.14106435E + 0.1410645E + 0.141
                                                                                                                                                                                                                                                                                                                                                                                          3
     0.28416514E-07-0.63705990E-12-0.47281242E+05 0.37389004E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
nc5h11coc2h4p 2/22/96trmc
                                                                                                                                     8h 15o
                                                                                                                                                                                 1
                                                                                                                                                                                                           0g
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                      51
     0.12178297E + 01 \quad 0.70042849E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.26764796E - 04 \quad 0.46391961E - 08 - 0.30304920E - 128449E - 01 - 0.30304920E - 128449E - 01 - 0.26764796E - 01 - 0.26764796E - 01 - 0.2676496E - 0.26766496E - 0.2676496E - 0.2676496E - 0.2676496E - 0.2676496E - 0.2676496E - 0.267666E - 0.26766496E - 0.26766496E - 0.267666E - 0.2
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.15893626E+05 0.37505653E+02-0.15102980E+01 0.10605914E+00-0.90638830E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.42124377E-07-0.72543109E-11-0.17863342E+05 0.41514374E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
nc5h11coc2h4o2 23/01/09 c
                                                                                                                                     8h 15o
                                                                                                                                                                                                              0q
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                           1
     0.31401424E+01 0.74644431E-01-0.28685547E-04 0.49904623E-08-0.32675677E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.33505961E+05 0.32574547E+02 0.85516218E-02 0.10934611E+00-0.81028949E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.26172604E-07-0.80501193E-12-0.35477293E+05 0.38735687E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
nc5h11coc2h4o2h 23/01/09c
                                                                                                                                     8h 16o
                                                                                                                                                                                     3
                                                                                                                                                                                                              0q
                                                                                                                                                                                                                                      300.000 5000.000 1000.000
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     0.83614087E+00 0.82002275E-01-0.32981116E-04 0.59228502E-08-0.39650764E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.50471973E+05 0.46620178E+02 0.12480025E+01 0.10608212E+00-0.71789218E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.18004227E-07 0.17371031E-11-0.53434789E+05 0.34538818E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
nc5h11coc2h4o 23/01/09 c 8h 15o
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                                                                                                                                                                                                              0g
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     0.67451662E+00 0.74695259E-01-0.28871642E-04 0.50442526E-08-0.33131879E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.32629000E + 05 \quad 0.42443588E + 02 - 0.15000561E + 01 \quad 0.10605342E + 00 - 0.78962214E - 04 \\ -0.32629000E + 05 \quad 0.42443588E + 02 - 0.15000561E + 01 \quad 0.10605342E + 00 - 0.78962214E - 04 \\ -0.32629000E + 05 \quad 0.42443588E + 02 - 0.15000561E + 01 \quad 0.10605342E + 00 - 0.78962214E - 04 \\ -0.32629000E + 05 \quad 0.42443588E + 02 - 0.15000561E + 01 \quad 0.10605342E + 00 - 0.78962214E - 04 \\ -0.32629000E + 0.0060561E + 0.0060561E + 0.0060561E + 0.00605342E + 0.0060561E + 0.0060661E + 0.0060661E + 0.006061E + 0.0060
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.27370671E-07-0.18180812E-11-0.34720902E+05 0.44081673E+02
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                                                                                                                                                                                                             0G
 c5h11coc2h4qj 11/16/07 c 8h 15o
                                                                                                                                                                                                                                     300.000 5000.000 1000.000
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     0.31401424E+01 \quad 0.74644431E-01-0.28685547E-04 \quad 0.49904623E-08-0.32675677E-12
                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.33505961E+05 \ 0.32574547E+02 \ 0.85516218E-02 \ 0.10934611E+00-0.81028949E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
                                                                                                                                                                                                                                                                                                                                                                                           4
     0.26172604E - 07 - 0.80501193E - 12 - 0.35477293E + 05 \quad 0.38735687E + 02
 c4h9chcoc2h4q 11/16/07 c 8h 15o
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                                                                                                                                                                                                                             300.000 5000.000 1000.000
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     0.38267305E+01 \quad 0.73495127E-01-0.28109305E-04 \quad 0.48731437E-08-0.31825505E-12
                                                                                                                                                                                                                                                                                                                                                                                          2.
 -0.30971662E+05 \quad 0.30290199E+02 \quad 0.56283855E+00 \quad 0.11368886E+00-0.96303324E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.41882405 \\ E-07-0.61236233 \\ E-11-0.33164543 \\ E+05 \quad 0.35854561 \\ E+02
                                                                                                                                                                                                                                                                                                                                                                                           4
 c4h9chqjcoc2h4q 11/2007 c 8h 15o
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     0.58159952E+01 \quad 0.78545384E-01-0.30356010E-04 \quad 0.53015694E-08-0.34804562E-12
                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.45768270E + 05 \quad 0.26507950E + 02 \quad 0.12432060E + 00 \quad 0.12639786E + 00 - 0.99864548E - 04 \quad 0.12639786E + 00 - 0.99864548E - 0.008646E + 0.00866E + 0.
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.33559555E-07-0.13331153E-11-0.47700805E+05 0.43553360E+02
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nc9h19coch2 17/9/09thergc 11h 21o
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     0.18098814E+02 0.71042903E-01-0.24898556E-04 0.40584318E-08-0.25384355E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.32186500E + 05 - 0.52088440E + 02 - 0.15774717E + 01 \quad 0.13384618E + 00 - 0.91470174E - 04 \\ -0.32186500E + 05 - 0.52088440E + 02 - 0.15774717E + 01 \\ -0.32186500E + 05 - 0.52088440E + 02 - 0.15774717E + 01 \\ -0.32186500E + 05 - 0.52088440E + 02 - 0.15774717E + 01 \\ -0.32186500E + 05 - 0.52088440E + 02 - 0.15774717E + 01 \\ -0.32186500E + 00 - 0.52088440E + 0.52088
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.29663282E-07-0.24623829E-11-0.27680816E+05 0.46330254E+02
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nc9h19coch2o2 17/9/9therc 11h 21o
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     0.15234638E+02 0.82281135E-01-0.29775734E-04 0.49626179E-08-0.31515917E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 3
     0.27653023E-07-0.34870991E-12-0.43716898E+05 0.41451729E+02
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nc9h19coch2o2h 9/09 therc 11h 22o
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     0.13061464E+02 0.89183122E-01-0.33661883E-04 0.57831793E-08-0.37536884E-12
                                                                                                                                                                                                                                                                                                                                                                                           2
 -0.62801379E+05-0.14617874E+02 0.16218126E+01 0.13749172E+00-0.87786095E-04
                                                                                                                                                                                                                                                                                                                                                                                           3
     0.20890109E-07 0.16952121E-11-0.61665469E+05 0.37604671E+02
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nc9h19coch2o 17/9/9thergc 11h 21o
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     0.12841184E+02 0.82199603E-01-0.29892912E-04 0.50028754E-08-0.31882231E-12
                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.44970578E + 05 - 0.18566879E + 02 - 0.12325810E + 01 \\ 0.13823795E + 00 - 0.96912234E - 04 \\ -0.44970578E + 05 - 0.18566879E + 02 - 0.12325810E + 01 \\ -0.44970578E + 05 - 0.18566879E + 02 - 0.12325810E + 01 \\ -0.44970578E + 05 - 0.18566879E + 02 - 0.12325810E + 01 \\ -0.44970578E + 00 - 0.96912234E - 04 \\ -0.44970578E + 0.000788E + 0.000788E + 0.000788E + 0.000788E + 0.00078E + 0.0007
                                                                                                                                                                                                                                                                                                                                                                                          3
     0.32293666E-07-0.26096673E-11-0.42940738E+05 0.47598335E+02
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                                                                                                                                     9h 17o
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nc7h15coch2 4/9/09 thergc
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-0.25492543E+05-0.38880722E+02-0.11182301E+01 0.10997973E+00-0.77266712E-04
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    0.26868804E-07-0.28816641E-11-0.21898242E+05 0.40803650E+02
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                                                                                                            9h 17o
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nc7h15coch2o2 4/9/9 therc
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                                                                                                                                                 3
    0.11961084E+02 0.69180779E-01-0.25117040E-04 0.41982711E-08-0.26728679E-12
                                                                                                                                                                                                                                                                                                                    2.
3
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    0.26218911E-07-0.12479049E-11-0.37925309E+05 0.36279770E+02
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                                                                                                            9h 18o
nc7h15coch2o2h 4/9/9therc
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                                                                                                                                                                                                                                                                                                                 51
    0.99080772E + 01 \quad 0.75885788E - 01 - 0.28897963E - 04 \quad 0.49948157E - 08 - 0.32552468E - 12 - 0.28897963E - 04 \quad 0.49948157E - 08 - 0.32552468E - 12 - 0.28897963E - 04 \quad 0.49948157E - 08 - 0.32552468E - 12 - 0.32552468E - 0.32552468E - 0.32552468E - 0.32552468E - 0.32552468E - 0.32562468E - 0.32552468E - 0.3256
                                                                                                                                                                                                                                                                                                                    2
-0.56139234E + 05 - 0.18210754E + 01 \quad 0.19086102E + 01 \quad 0.11480793E + 00 - 0.76394666E - 04 \quad 0.19086102E + 01 \quad 0.19086102E + 0.190
                                                                                                                                                                                                                                                                                                                    3
    0.20878485E-07 0.29800926E-12-0.55864230E+05 0.32813053E+02
                                                                                                                                                                                                                                                                                                                    4
nc7h15coch2o 4/9/9 thergc 9h 17o 2
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    0.94459352E+01 0.69287643E-01-0.25307027E-04 0.42486463E-08-0.27136274E-12
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3
    0.24266638E-07-0.11403404E-11-0.37188969E+05 0.40832279E+02
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Ac9oB
                                                          11/20/07 c 9h 17o 1
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                                                                                                                                                                                           300.000 5000.000 1000.000
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    0.14738609E+02 0.58089465E-01-0.20316151E-04 0.33101295E-08-0.20716565E-12
                                                                                                                                                                                                                                                                                                                    2
 -0.25438445E+05-0.38131523E+02-0.12738410E+01 0.11104447E+00-0.79788413E-04
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    0.29351588E-07-0.37491100E-11-0.21881383E+05 0.41464699E+02
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c9oBqjA
                                                          11/20/07 c 9h 17o
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    0.12087893E+02 0.68973690E-01-0.25023159E-04 0.41812034E-08-0.26618180E-12
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3
    0.25133611E-07-0.88013331E-12-0.37933207E+05 0.35972260E+02
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Cc9oBqA
                                                          11/20/07 c
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    0.12727651E+02 0.67927808E-01-0.24519870E-04 0.40823926E-08-0.25922892E-12
                                                                                                                                                                                                                                                                                                                    2
-0.36609871E + 05 - 0.17315048E + 02 0.13838489E + 01 0.12133180E + 00 - 0.98374840E - 04
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    0.42293763E-07-0.67141245E-11-0.35611609E+05 0.33445251E+02
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                                                         11/20/07 c 9h 17o
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c9oBaAaiC
    0.14547517E+02 0.73209301E-01-0.26841650E-04 0.45198649E-08-0.28937009E-12
                                                                                                                                                                                                                                                                                                                    2
-0.51330242E + 05 - 0.20123779E + 02 \quad 0.10209330E + 01 \quad 0.13348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 03 \quad 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 0.10209330E + 01 \quad 0.10348329E + 00 - 0.10052321E - 0.10209330E + 0.1020930E + 0.10209330E + 0.1020940E + 0.1020
                                                                                                                                                                                                                                                                                                                    3
    0.32489805E-07-0.13752807E-11-0.50155434E+05 0.40829502E+02
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                                                                                                      9h 17o 1
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nc6h13coc2h4p 2/22/96trmc
                                                                                                                                                                                                                                                                                                                 51
    0.30363081E+01 \quad 0.76269872E-01-0.28914286E-04 \quad 0.49814086E-08-0.32388518E-12
                                                                                                                                                                                                                                                                                                                    2.
-0.19320652E+05 \ 0.29761848E+02-0.17976100E+01 \ 0.11840548E+00-0.98765966E-04
                                                                                                                                                                                                                                                                                                                    3
    0.44578751E-07-0.74306030E-11-0.20748639E+05 0.44521168E+02
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nc6h13coc2h4o2 23/01/09 c 9h 17o
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     \texttt{0.46585231E+01 0.81381120E-01-0.31097577E-04 0.53877969E-08-0.35171069E-12 } \\
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-0.36813531E+05 \quad 0.26506470E+02-0.17503056E+00 \quad 0.12094752E+00-0.87298089E-04
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    0.26699155E-07-0.27251172E-12-0.38373355E+05 0.41305740E+02
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nc6h13coc2h4o2h 23/01/09c 9h 18o
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    0.23627059E + 01 \quad 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 08 - 0.42028739E - 12 \\ 0.88693760E - 01 - 0.35346722E - 04 \quad 0.63068311E - 0.000688789E - 12 \\ 0.88693760E - 0.0006889E - 0.000
                                                                                                                                                                                                                                                                                                                    2.
-0.53776957E+05 \quad 0.40521729E+02 \quad 0.75899494E+00 \quad 0.11979280E+00-0.83101346E-04 \\ -0.53776957E+00 \quad 0.40521729E+02 \quad 0.75899494E+00 \quad 0.11979280E+00-0.83101346E-04 \\ -0.53776957E+00 \quad 0.40521729E+00 \quad 0.40521729E+00 \quad 0.40521729E+00 \\ -0.53776957E+00 \quad 0.40521729E+00 \quad 0.40521729E+00 \\ -0.53776957E+00 \quad 0.40521729E+00 \quad 0.40521729E+00 \\ -0.53776957E+00 \quad 0.40521729E+00 \\ -0.5376957E+00 \quad 0.40521729E+00 \\ -0.5376767E+00 \quad 0.40521729E+00 \\ -0.53776957E+00 \quad 0.40521729E+00 \\ -0.5376957E+00 \quad 0.40521729E+00 \\ -0.53776957E+00 \quad 0.40521729E+00 \\ -0.537767E+00 \quad 0.40521729E+00 \\ -0.537767E+00 \quad 0.405
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    0.23541356E-07 0.50399875E-12-0.56298043E+05 0.38402130E+02
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nc6h13coc2h4o 23/01/09 c 9h 17o
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    0.26204574E+01 0.80708377E-01-0.30922896E-04 0.53689337E-08-0.35107453E-12
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    0.23417947E-07 0.24270795E-12-0.37649445E+05 0.45389435E+02
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-0.19320652E + 05 \quad 0.29761848E + 02 - 0.17976100E + 01 \quad 0.11840548E + 00 - 0.98765966E - 04 \\ -0.19320652E + 05 \quad 0.29761848E + 02 - 0.17976100E + 01 \quad 0.11840548E + 00 - 0.98765966E - 04 \\ -0.19320652E + 05 \quad 0.29761848E + 02 - 0.17976100E + 01 \quad 0.11840548E + 00 - 0.98765966E - 04 \\ -0.19320652E + 05 \quad 0.29761848E + 02 - 0.17976100E + 01 \quad 0.11840548E + 00 - 0.98765966E - 04 \\ -0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 + 0.193206 
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    0.44578751E-07-0.74306030E-11-0.20748639E+05 0.44521168E+02
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    0.49838252E+01 0.80834121E-01-0.30827301E-04 0.53338138E-08-0.34787592E-12
                                                                                                                                                                                                                                                                                                                    2
-0.36942191E+05 \quad 0.24689209E+02-0.32536486E+00 \quad 0.12201972E+00-0.89956608E-04
                                                                                                                                                                                                                                                                                                                    3
    0.29444356E-07-0.12779821E-11-0.38357648E+05 0.41938526E+02
                                                                                                                                                                                                                                                                                                                    4
                                                          11/20/07 c
                                                                                                            9h 17o
                                                                                                                                                   3
                                                                                                                                                                        0G
                                                                                                                                                                                           300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                 31
    0.56185641E+01 0.79779498E-01-0.30308083E-04 0.52301115E-08-0.34049385E-12
                                                                                                                                                                                                                                                                                                                    2.
-0.34387438E+05 0.22706779E+02 0.28413254E+00 0.12600292E+00-0.10440873E-03
                                                                                                                                                                                                                                                                                                                    3
    0.44366459E-07-0.63273766E-11-0.36051215E+05 0.38833908E+02
                                                                                                                                                                                                                                                                                                                    4
                                                          11/20/07 c
                                                                                                                                                                                           300.000 5000.000 1000.000
                                                                                                            9h 17o
                                                                                                                                                5
                                                                                                                                                                       0G
                                                                                                                                                                                                                                                                                                                 31
    0.76531258E+01 0.84739745E-01-0.32496264E-04 0.56439200E-08-0.36904838E-12
                                                                                                                                                                                                                                                                                                                    2.
-0.49201160E+05 0.18660461E+02 0.14553051E+00 0.13661097E+00-0.10288928E-03
                                                                                                                                                                                                                                                                                                                    3
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90
                                                                                          00
                                                                                                     0G
                                                                                                                   300.00
                                                                                                                                        5000.00 1000.00
cyc6h9
                                                                   6h
                                                                                                                                                                                             1
  0.12514480E+02 0.28764870E-01-0.11130330E-04 0.20307830E-08-0.13993690E-12
                                                                                                                                                                                             2.
  0.82247910E + 04 - 0.45839370E + 02 - 0.68708450E + 01 \quad 0.78867980E - 01 - 0.50349830E - 04 \\ - 0.82247910E + 04 - 0.45839370E + 02 - 0.68708450E + 01 \\ - 0.78867980E - 01 - 0.50349830E - 04 \\ - 0.82247910E + 04 - 0.45839370E + 02 - 0.68708450E + 01 \\ - 0.78867980E - 01 - 0.50349830E - 04 \\ - 0.82247910E + 0.08867980E - 0.08867980E -
                                                                                                                                                                                             3
  0.47105440E-08 0.56820080E-11 0.13797400E+05 0.55227590E+02
                                                                                                                                                                                             4
                          2/ 4/ 8 Thermc 6h 9 0 0G 300.000 5000.000 1384.000
chxe1rD
                                                                                                                                                                                           01
  1.54096184E+01 2.30452029E-02-7.87854402E-06 1.22358981E-09-7.10322953E-14
                                                                                                                                                                                             2
  1.42048918E+04-6.03452396E+01-5.12928429E+00 6.68717332E-02-4.14486927E-05
                                                                                                                                                                                             3
  1.18734846E-08-1.17420420E-12 2.16733689E+04 5.13032669E+01
                                                                                                                                                                                             4
                                                        c 6h 80 00 0G 300.00 5000.00 1000.00
chd13
                                                                                                                                                                                             1
  0.13878210E+02 0.23487490E-01-0.87836690E-05 0.15790270E-08-0.10798250E-12
                                                                                                                                                                                             2
  0.63443000E + 04 - 0.53115280E + 02 - 0.51575390E + 01 \quad 0.86214640E - 01 - 0.90637690E - 04 \\ 0.8621460E - 01 - 0.90637690E - 04 \\ 0.8621460E - 0.9063760E - 0.906760E - 0.906760E - 0.906760E - 0.906760E - 0.906760E - 0.906760E -
                                                                                                                                                                                             3
  0.51635260E - 07 - 0.12001610E - 10 \quad 0.11165820E + 05 \quad 0.42866860E + 02
                                                                                                                                                                                             4
chd14
                          2/ 4/ 8 ThERMc 6h 8 0 0G
                                                                                                                  300.000 5000.000 1394.000
                                                                                                                                                                                           01
  1.50866863E+01 2.11483961E-02-7.29888357E-06 1.14020521E-09-6.64432988E-14
                                                                                                                                                                                             2
  5.02632710E+03-6.12881276E+01-5.34206341E+00 6.96903834E-02-5.16349220E-05
                                                                                                                                                                                             3
  1.96729153E-08-3.05521699E-12 1.20241900E+04 4.81120926E+01
                                                                                                                                                                                             4
c6h7c
                                                         C
                                                               6h
                                                                          70 00 0G
                                                                                                                  300.00
                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                             1
  0.14208190E+02 0.21154810E-01-0.79957600E-05 0.14457800E-08-0.99207360E-13
  3
  0.66699450E-07-0.17176370E-10 0.26832750E+05 0.46324050E+02
cvc6h9o
                          5/ 2/ 6 thermc 6h 9o
                                                                                       10 OG
                                                                                                                  300.00
                                                                                                                                      5000.00 1390.00
  1.98614061e+01 2.13541604e-02-7.29767436e-06 1.13391847e-09-6.58739166e-14
                                                                                                                                                                                             2
-4.24104162e+03-8.48415976e+01-7.09798187e+00 8.77373883e-02-7.00192618e-05
                                                                                                                                                                                             3
  2.81332888e-08-4.52307929e-12 4.68010482e+03 5.85742784e+01
                                                                                                                                                                                             4
                          2/14/ 8
                                                       c 6h 9o
                                                                                       2
                                                                                                 0G
                                                                                                                   300.000 5000.000 1391.000
                                                                                                                                                                                           11
chxe1aiC
  2.02412664E+01 2.44062656E-02-8.51546588E-06 1.33981860E-09-7.84607687E-14
                                                                                                                                                                                             2
-4.53664908E+03-8.30588709E+01-4.97843310E+00 8.69061420E-02-6.94485100E-05
                                                                                                                                                                                             3
  2.90255660E-08-4.97545531E-12 3.93256700E+03 5.12327992E+01
                                                                                                                                                                                             4
                      2/14/ 8
                                                   c 6h 9o
                                                                                       2
                                                                                                  OG 300.000 5000.000 1390.000
                                                                                                                                                                                           21
EchxelaC
  2.16845782E+01 2.28146290E-02-7.98229630E-06 1.25847456E-09-7.38076566E-14
                                                                                                                                                                                             2.
  6.13352517E+01-8.91559019E+01-4.80330040E+00 8.66707174E-02-6.73561472E-05
                                                                                                                                                                                             3
  2.65915059E-08-4.25031714E-12 9.03532731E+03 5.23560329E+01
                                                                                                                                                                                             4
                                                                                                                                                                                           31
chxelqCqjE 2/14/ 8 ThERMc 6h 9o
                                                                                       4 OG 300.000 5000.000 1391.000
  2.67841111E+01 \ 2.34126599E-02-8.24642631E-06 \ 1.30578725E-09-7.68105344E-14
                                                                                                                                                                                             2
-1.92745948E+04-1.13028494E+02-4.42240987E+00 1.04767020E-01-9.17912999E-05
                                                                                                                                                                                             3
  4.10628702E-08-7.37183362E-12-9.23280445E+03 5.16582128E+01
                                                                                                                                                                                             4
chxeloCqE 2/14/8 ThERMc 6h 8o 3
                                                                                                  OG 300.000 5000.000 1390.000
                                                                                                                                                                                           2.1
  2.27312045E+01 \ 2.20048170E-02-7.71926411E-06 \ 1.21901851E-09-7.15719251E-14
                                                                                                                                                                                             2.
3
  2.68882416E-08-4.46880424E-12-2.93028488E+04 4.08757757E+01
                                                                                                                                                                                             4
chxeloCojE 2/14/ 8 ThERMc 6h 7o
                                                                                       2
                                                                                                    OG 300.000 5000.000 1393.000
                                                                                                                                                                                           01
  1.88234574E + 01 \quad 2.03160856E - 02 - 6.97030001E - 06 \quad 1.08492406E - 09 - 6.30731182E - 14 \quad 1.08492406E - 09 - 10.08492406E - 10.08492406E - 09 - 10.08492406E - 
                                                                                                                                                                                             2
3
  2.36186159E-08-3.83766925E-12-1.03608202E+04 4.47149945E+01
                                                                                                                                                                                             4
Fc6e3oAoE 2/14/ 8 ThERMc 6h 7o
                                                                                                     OG 300.000 5000.000 1391.000
                                                                                        2
  2.03602595E+01 1.83062673E-02-6.39872038E-06 1.00804454E-09-5.90855319E-14
-1.88022042E + 04 - 7.45885509E + 01 1.36426217E - 01 6.83827541E - 02 - 5.49313391E - 05
                                                                                                                                                                                             3
  2.28341312E-08-3.87096366E-12-1.20341312E+04 3.30697382E+01
Dc6e5oAoC 2/14/ 8 ThERMc
                                                               6h
                                                                           70
                                                                                           2
                                                                                                      0G
                                                                                                                  300.000 5000.000 1393.000
                                                                                                                                                                                           31
  2.02349508E+01 1.83345274E-02-6.39116571E-06 1.00506355E-09-5.88390878E-14
                                                                                                                                                                                             2
-1.49055865E+04-7.32371055E+01-8.32090796E-01 7.14015849E-02-5.86661793E-05
  2.48257388E-08-4.25681473E-12-7.96504791E+03 3.85567398E+01
                                                                  6h
                                                                            90
                                                                                          10
                                                                                                      0G
                                                                                                                  300.00
                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                             1
                                                         C
  0.97264261E+01 0.32164462E-01-0.10807038E-04 0.17105696E-08-0.10487566E-12
                                                                                                                                                                                             2.
  0.10069441E+05-0.15002022E+02 0.78861153E+00 0.65266170E-01-0.52872289E-04
                                                                                                                                                                                             3
  0.23924105E-07-0.44274398E-11 0.11789281E+05 0.28345263E+02
                                                                                                                                                                                             4
                          5/10/ 6 thermc
                                                                  6h 90
                                                                                          1
                                                                                                     0G
                                                                                                                   300.000 5000.000 1393.000
                                                                                                                                                                                           41
  1.92420866e+01 2.09983928e-02-7.24163118e-06 1.13057295e-09-6.58504427e-14
                                                                                                                                                                                             2.
-3.53780234e + 03 - 7.12245223e + 01 - 2.92322799e - 01 6.90415413e - 02 - 5.35435655e - 05
                                                                                                                                                                                             3
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2.18712016e-08-3.67928326e-12 3.04642201e+03 3.29022640e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
Fc6h9-13 2/14/8 ThERMc 6h 9 0 0G 300.000 5000.000 1398.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.1
       1.66526333E+01 2.07313239E-02-6.98155215E-06 1.07262447E-09-6.17783332E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
       2.34571371E+04-5.94027644E+01-1.95074776E+00 6.99993459E-02-5.83590460E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       2.58219203E-08-4.63869054E-12 2.93664141E+04 3.84973850E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                                                                                       300.000 5000.000 1398.000
                                                        11/ 5/ 3 thermc 6h 8
                                                                                                                                                                                                                                         0G
hex135
                                                                                                                                                                                                                Ω
                                                                                                                                                                                                                                                                                                                                                                                                                                                            21
       1.71119166e+01 1.84563339e-02-6.33854713e-06 9.86634342e-10-5.73412967e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
       1.19848783e+04-6.72177638e+01-3.07637680e+00 7.60206382e-02-7.12770299e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      3.45856886e-08-6.64734786e-12 1.80525340e+04 3.76776224e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 ac3h4hco1 4/24/6 thermc 4h 5o 1 0g
                                                                                                                                                                                                                                                                        300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                            21
      2
       3
      1.11323029e-08-1.69792013e-12 1.89033496e+04 2.50108321e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 sc3h5co 11/15/95 thermc 4h 5o
                                                                                                                                                                                                               1 OG 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                            21
      1.25514754e+01 1.22521948e-02-4.22382101e-06 6.59184896e-10-3.83818826e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
  -4.25349795e+03-4.02864145e+01 1.74191343e+00 3.97229536e-02-3.20061901e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      1.38227925e-08-2.46272017e-12-6.64428100e+02 1.70762023e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
Ac6h9-15 1/16/ 8 ThERMc 6h 9
                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                          0G
                                                                                                                                                                                                                                                                                300.000 5000.000 1395.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                            31
       1.66031467E+01 2.06005407E-02-6.99190236E-06 1.08000014E-09-6.24404452E-14
       3.18542406E+04-5.87443028E+01-7.86658540E-01 6.32244667E-02-4.77129797E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       1.90751051E-08-3.14602136E-12 3.77090895E+04 3.39665164E+01
CPD
                                                                                                                                        C
                                                                                                                                                              5h
                                                                                                                                                                                    6
                                                                                                                                                                                                                    0
                                                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                                                                200.000 6000.00 1000.00
      0.99757848E+01 0.18905543E-01-0.68411461E-05 0.11099340E-08-0.66680236E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
      0.11081693E + 05 - 0.32209454E + 02 0.86108957E + 00 0.14804031E - 01 0.72108895E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
 -0.11338055E-06 0.48689972E-10 0.14801755E+05 0.21353453E+02
                                                                                                                                      c 5h 5
                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                        OG 200.000 6000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
       0.10844072E+02 0.15392831E-01-0.55630422E-05 0.90189440E-09-0.54156619E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
     0.26950886E + 05 - 0.35254983E + 02 - 0.95902849E + 00 0.31396777E - 01 0.26724050E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
 -0.68942183E-07 0.33301983E-10 0.30779441E+05 0.29072780E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                    c 5h 5o 10 0G 200.000 6000.000 1000.00
c5h4oh
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      0.12464140E + 02 \quad 0.16962420E - 01 - 0.67059790E - 05 \quad 0.12379980E - 08 - 0.85931980E - 13 - 0.85931980E - 10.85931980E - 10.85981980E - 10.85981980E - 10.85981980E - 10.85980
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
      0.58349600E + 03 - 0.41246490E + 02 - 0.44756070E + 01 \\ 0.70380500E - 01 - 0.70966800E - 04 \\ 0.70380500E - 0.70966800E - 0.7096800E - 0.70966800E - 0.7096600E - 0.7096600E - 0.7096600E - 0.709600E - 0.7096600E - 0.709600E - 0.709600E - 0.709600E - 0.709600E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.35607160E-07-0.66726040E-11 0.49595350E+04 0.44671790E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                            D 9/97c 5h 5o 1 0G 300.000 3000.000 1000.
 c5h5o Burcat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      0.85405312E+01 \quad 0.22989510E-01-0.95437563E-05 \quad 0.17061612E-08-0.97459360E-13 \quad 0.85405312E+01 \quad 0.22989510E-01-0.95437563E-05 \quad 0.17061612E-08-0.97459360E-13 \quad 0.85405312E+01 \quad 0.8540545412E+01 \quad 0.8540542E+01 \quad 0.8540542E+01 \quad 0.8540542E+01 \quad 0.8540542E+01 \quad 0.8540542E+01 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
      0.22263699E + 05 - 0.20818825E + 02 - 0.30777600E + 01 \quad 0.52581679E - 01 - 0.28856513E - 04 \quad 0.52581679E - 0.525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
 -0.33885479E-08 0.63361399E-11 0.25510455E+05 0.39591522E+02 0.26570048E+05
 c5h4o CY CPD-ONE T 8/99c 5h 4o 1 0G 200.000 6000.000 1000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
      2.
      1.94364771E + 03 - 2.94521623E + 01 \quad 2.64576497E - 01 \quad 3.34873827E - 02 \quad 1.67738470E - 06 \quad 3.34873827E - 02 \quad 1.67738470E - 06 \quad 3.34873827E - 00 \quad 3.348772E - 00 \quad 3.348772E - 00 \quad 3.34872E - 00 \quad 3.34872E - 00 \quad 3.348772E - 00 \quad 3.34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
 -2.96207455E-08 1.54431476E-11 5.11159287E+03 2.35409513E+01 6.64245999E+03
                                                                                                                                       c 5h 70 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
      -0.20433550E-08 0.54688850E-11 0.24620190E+05 0.19135720E+02
                                                                                                                                       c 5h 80
                                                                                                                                                                                                                                             OG 200.000 5000.000 1000.00
                                                                                                                                                                                                               0.0
     0.77244792E+01 0.28322316E-01-0.11545236E-04 0.21540815E-08-0.15054178E-12
 -0.78261573E + 03 - 0.19769698E + 02 \quad 0.26898140E + 01 \quad 0.20954550E - 02 \quad 0.11303687E - 03 \quad 0.00954550E - 02 \quad 0.00954550E - 03 \quad 0.00954550E - 0.0095450E - 0.0095450E - 0.0095450E - 0.00954550E - 0.0095450E - 0.009540E - 0.
 -0.15408070 \\ \text{E} - 06 \quad 0.62763658 \\ \text{E} - 10 \quad 0.23139663 \\ \text{E} + 04 \quad 0.15294056 \\ \text{E} + 02 \quad 0.39328836 \\ \text{E} + 04 \quad 0.15294056 \\ \text{E} + 02 \quad 0.39328836 \\ \text{E} + 04 \quad 0.15294056 \\ \text{E} + 02 \quad 0.39328836 \\ \text{E} + 04 \quad 0.15294056 \\ \text{E} + 04 \quad 0.15294056 \\ \text{E} + 04 \quad 0.39328836 \\ \text{E} + 04 \quad 0.3932888 \\ \text{E} + 04 \quad 0.39328888 \\ \text{E} + 04
                                                                                                                                       c 6h
                                                                                                                                                                                   бn
                                                                                                                                                                                                                    00
                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                        300.00
                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
       0.13680730E + 02 0.17633680E - 01 - 0.64842380E - 05 0.11584110E - 08 - 0.79005510E - 13
       0.41745620E + 05 - 0.45718590E + 02 - 0.23343600E + 01
0.75090900E - 01 - 0.90310510E - 04
      0.59606520E-07-0.16142980E-10 0.45574960E+05 0.33898930E+02
                                                                                                                                       c 6h
                                                                                                                                                                                   60
                                                                                                                                                                                                                       00
                                                                                                                                                                                                                                                 0G
                                                                                                                                                                                                                                                                        300.00
                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
       0.11846640E + 02 \quad 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.54846110E - 05 \quad 0.91594140E - 09 - 0.60502440E - 13 \\ 0.18049090E - 01 - 0.60502440E - 13 \\ 0.18049090E - 0.00502440E - 13 \\ 0.1804900E - 0.00502440E - 13 \\ 0.180400E - 0.0050240E - 13 \\ 0.00500E - 0.0050240E - 13 \\ 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
       0.44855800E + 05 - 0.33325490E + 02 - 0.36401770E - 01
0.63911870E - 01 - 0.78346460E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.56228300E-07-0.16490750E-10 0.47552700E+05 0.24997930E+02
                                                                                                                                       c 6h 60
                                                                                                                                                                                                                 0.0
                                                                                                                                                                                                                                            OG 300.00
                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
       0.15515180E + 02 \quad 0.16867690E - 01 - 0.63937470E - 05 \quad 0.11632720E - 08 - 0.80233420E - 13 \\ 0.15515180E + 02 \quad 0.16867690E - 01 - 0.63937470E - 05 \quad 0.11632720E - 08 - 0.80233420E - 13 \\ 0.15515180E + 02 \quad 0.16867690E - 01 - 0.63937470E - 05 \quad 0.11632720E - 08 - 0.80233420E - 13 \\ 0.15515180E + 02 \quad 0.16867690E - 01 - 0.63937470E - 05 \quad 0.11632720E - 08 - 0.80233420E - 13 \\ 0.15515180E + 0.0000E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
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```
0.17716070E-06-0.54820030E-10 0.39991000E+05 0.83404450E+02
                                                                                                                                                                                                                                                                                              4
                                                                                                                  60
                                                                                                                                        00
                                                                                                                                                         0G
                                                                                                                                                                             300.00
                                                                                                                                                                                                           5000.00 1000.00
fulvene
                                                                                      C
                                                                                                     6h
                                                                                                                                                                                                                                                                                             1
    0.15787670E+02 0.16826830E-01-0.66372550E-05 0.12271550E-08-0.85353240E-13
                                                                                                                                                                                                                                                                                              2.
    3
    0.14034520E-06-0.41601280E-10 0.26242020E+05 0.74752650E+02
                                                                                                                                                                                                                                                                                              4
                                       7/12/ 7 THERMC
                                                                                                                                                                             300.000 5000.000 1393.000
                                                                                                     бh
                                                                                                                  60
                                                                                                                                     1
                                                                                                                                                         0G
                                                                                                                                                                                                                                                                                          01
    1.85598210E+01 1.60420550E-02-5.62359046E-06 8.87632423E-10-5.20966489E-14
                                                                                                                                                                                                                                                                                              2
-1.50094842E + 04 - 8.92286978E + 01 - 3.30465491E + 00 \quad 7.60446090E - 02 - 7.07168412E - 05 \quad 7.60446090E - 100 - 10000E - 10
                                                                                                                                                                                                                                                                                              3
    3.34556493E-08-6.27781956E-12-8.24470996E+03 2.51406707E+01
                                                                                                                                                                                                                                                                                              4
c6h6
                                                                                      С
                                                                                                     6h
                                                                                                                  60
                                                                                                                                        00
                                                                                                                                                         0G
                                                                                                                                                                             300.00
                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                              1
    2
    0.03664511E + 05 - 0.05002699E + 03 - 0.03138012E + 02 \\ 0.04723103E + 00 - 0.02962207E - 04 \\ 0.04723103E + 0.02962207E - 0.0296207E - 0.0296207
                                                                                                                                                                                                                                                                                              3
-0.03262819E-06 0.01718691E-09 0.08890031E+05 0.03657573E+03
                                                                                                                                                                                                                                                                                              4
c6h5
                                                                                      С
                                                                                                     6h
                                                                                                                      50
                                                                                                                                        00
                                                                                                                                                         0G
                                                                                                                                                                             300.00
                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                                              1
    0.15775887E+02 0.09651109E-01-0.09429416E-05-0.05469111E-08 0.10265216E-12
                                                                                                                                                                                                                                                                                              2
    0.03302698E + 06 - 0.06176280E + 03 \quad 0.11435567E + 00 \quad 0.03627324E + 00 \quad 0.11582856E - 05 \quad 0.03627324E + 00 \quad 0.036274E + 0.006274E 
                                                                                                                                                                                                                                                                                              3
-0.02196964E-06 0.08463556E-10 0.03836054E+06 0.02380117E+03
                                                                                                                                                                                                                                                                                              4
                                                                                       С
                                                                                                     6h
                                                                                                                       50
                                                                                                                                        10
                                                                                                                                                           0G
                                                                                                                                                                             300.00
                                                                                                                                                                                                           4000.00 1000.00
                                                                                                                                                                                                                                                                                              1
    0.01822638E+03 0.10039851E-01-0.09915668E-05-0.05672804E-08 0.10683716E-12
                                                                                                                                                                                                                                                                                              2
3
-0.02436311E-06 0.09650659E-10 0.03159672E+05 0.01973496E+03
                                                                                                                                                                                                                                                                                              4
c6h5oh
                                                                                                     6h
                                                                                                                       60
                                                                                                                                         10
                                                                                                                                                           0G
                                                                                                                                                                             300.00
                                                                                                                                                                                                             4000.00 1000.00
                                                                                                                                                                                                                                                                                              1
                                                                                       C
    0.01821632E + 03 \quad 0.11424269E - 01 - 0.10966843E - 05 - 0.06427442E - 08 \quad 0.11988930E - 12 \\ 0.01821632E + 03 \quad 0.01821632E + 03 \quad 0.01821632E + 03 \\ 0.01821632E + 03 \quad 0.0182162E + 03 \\ 0.01821632E + 03 \quad 0.0182162E + 03 \\ 0.01821632E + 03 \quad 0.0182162E + 03 \\ 0.0182162E + 03 \\ 0.0182162E + 03 \quad 0.0182162E + 03 \\ 0.0182162E + 03 \quad 0.0182162
                                                                                                                                                                                                                                                                                              2
-0.02053664E + 06 - 0.07304233E + 03 0.13914556E + 01 0.03931957E + 00 0.01777096E - 04
                                                                                                                                                                                                                                                                                              3
-0.02277673E-06 0.08309659E-10-0.14721809E+05 0.01917813E+03
                                                                                                                                                                                                                                                                                              4
c6h5o2 peroxy rad T03/06c 6.h 5.o 2.
                                                                                                                                                    0.G
                                                                                                                                                                             200.000 6000.000 1000.
                                                                                                                                                                                                                                                                                              1
    1.53210095E+01 1.90635836E-02-6.90890063E-06 1.12266384E-09-6.75533163E-14
                                                                                                                                                                                                                                                                                              2
    1.01192586E+04-5.54641890E+01 6.21315217E-01 3.87686270E-02 2.99476833E-05
                                                                                                                                                                                                                                                                                              3
-7.77124708E-08 3.69056482E-11 1.49950465E+04 2.49794441E+01 1.70318713E+04
                                                                                                                                                                                                                                                                                              4
                                                                                                                  40
c6h4o2
                                                                                                     6h
                                                                                                                                        2.
                                                                                                                                                             G
                                                                                                                                                                                           300
                                                                                                                                                                                                                            5000
                                                                                                                                                                                                                                                         1000
                                                                                                                                                                                                                                                                                             1
                                                                                      C
    0.11730840E + 02 0.23614995E - 01 - 0.10234576E - 04 0.19532174E - 08 - 0.12746022E - 12
                                                                                                                                                                                                                                                                                              2
3
                                                                                                                                                                                                                                                                                              4
    0.46312656E-08 0.36296651E-11-0.17611047E+05 0.29239513E+02
                                                                                                                                                         0G
                                                                                                                                                                             300.000 5000.000 1400.000
                                   HR BLYP-THERM c
                                                                                                    6h
                                                                                                                                      2
                                                                                                                                                                                                                                                                                          01
c6h3o2
                                                                                                                      30
    2
    6.28011094E+03-6.58310086E+01-4.54411937E-02 5.63211380E-02-4.85334628E-05
                                                                                                                                                                                                                                                                                              3
    2.08639278E-08-3.55356225E-12 1.17545446E+04 2.50087628E+01
                                                                                                                                                                                                                                                                                              4
c6h3o3
                                       HR AM1 7/99 c 6h
                                                                                                                      30
                                                                                                                                     3
                                                                                                                                                           0G
                                                                                                                                                                      300.000 5000.000 1394.000
                                                                                                                                                                                                                                                                                          01
    1.79137074E+01 \ 1.39111341E-02-4.85997910E-06 \ 7.65512134E-10-4.48691125E-14
                                                                                                                                                                                                                                                                                              2.
-2.90419372E+04-6.62905654E+01 2.32755667E-01 5.78357880E-02-4.70375303E-05
                                                                                                                                                                                                                                                                                              3
   1.93299321E-08-3.19029643E-12-2.32022530E+04 2.76743751E+01
                                                                                                                                                                                                                                                                                              4
c6h5o2h hydroper T03/06c 6.h 6.o 2.
                                                                                                                                                     0.G
                                                                                                                                                                             200.000 6000.000 1000.
                                                                                                                                                                                                                                                                                              1
    1.61396041E+01 \quad 2.08447848E-02-7.64070773E-06 \quad 1.24667046E-09-7.51132000E-14
                                                                                                                                                                                                                                                                                              2
-7.68952573E+03-5.95754960E+01 2.63159057E-01 4.23800271E-02 3.05412431E-05
                                                                                                                                                                                                                                                                                              3
-8.13196326E-08 3.86504418E-11-2.41155401E+03 2.73095957E+01-3.22058666E+02
                                                                                                                                                                                                                                                                                              4
c5h4
                                                                                                     5h
                                                                                                                       40
                                                                                                                                                           0G
                                                                                                                                                                             300.000 5000.000 1402.000
                                                                                                                                                                                                                                                                                          01
                                       Alzueta
                                                                                      С
                                                                                                                                         0
    1.18628283E+01 1.08224559E-02-3.66068163E-06 5.63992229E-10-3.25439187E-14
                                                                                                                                                                                                                                                                                              2
    5.07812124E+04-3.73761707E+01 1.37368363E+00 3.97540360E-02-3.50715495E-05
                                                                                                                                                                                                                                                                                              3
    1.62273434E-08-3.00803585E-12 5.40010402E+04 1.74189357E+01
                                                                                                                                                                                                                                                                                              4
                                       Kee
                                                                                                     5h
                                                                                                                       30
                                                                                                                                                           0G
                                                                                                                                                                             300.000 5000.000 1402.000
                                                                                                                                                                                                                                                                                          01
                                                                                      C
    1.18709753E+01 8.29197467E-03-2.79466175E-06 4.29640356E-10-2.47579827E-14
                                                                                                                                                                                                                                                                                              2
    6.33234078E+04-3.64946037E+01 3.47139981E+00 3.05348313E-02-2.57689068E-05
                                                                                                                                                                                                                                                                                              3
    1.13143742E-08-1.99768735E-12 6.59670699E+04 7.66749172E+00
toluen
                                                                                                     7h
                                                                                                                       80
                                                                                                                                         00
                                                                                                                                                           0G
                                                                                                                                                                             200.000 6000.00 1000.00
                                                                                                                                                                                                                                                                                              1
                                                                                       C
    0.12940034E+02 0.26691287E-01-0.96838505E-05 0.15738629E-08-0.94663601E-13
                                                                                                                                                                                                                                                                                              2
-0.69764908E + 03 - 0.46728785E + 02 0.16152663E + 01 0.21099438E - 01 0.85366018E - 04
                                                                                                                                                                                                                                                                                              3
-0.13261066E-06 0.55956604E-10 0.40756300E+04 0.20282210E+02
                                                                                                                                                                                                                                                                                              4
                                                                                                     7h
                                                                                                                       70
phch2
                                                                                                                                         0.0
                                                                                                                                                           0G
                                                                                                                                                                             200.000 6000.000 1000.0
                                                                                                                                                                                                                                                                                              1
                                                                                      C
    0.14043980E+02 0.23493873E-01-0.85375367E-05 0.13890841E-08-0.83614420E-13
                                                                                                                                                                                                                                                                                              2.
    0.18564203E + 05 - 0.51665589E + 02 \quad 0.48111540E + 00 \quad 0.38512832E - 01 \quad 0.32861492E - 04 \quad 0.38512832E - 01 \quad 0.3851282E - 0.08512E - 0.
                                                                                                                                                                                                                                                                                             3
-0.76972721E-07 0.35423068E-10 0.23307027E+05 0.23548820E+02
                                                                                                                                                                                                                                                                                              4
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phch2oh
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                                                                                                                                                                                                                                                                                                                            300.00
                                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                             C
       0.12770360E + 02 0.30202020E - 01 - 0.11447800E - 04 0.20657750E - 08 - 0.14142150E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
 -0.18661090E + 05 - 0.40750220E + 02 - 0.18199510E + 01 \\ 0.59780950E - 01 - 0.15944840E - 04 \\ -0.18199510E + 01 \\ -0.18195
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
 -0.22394370E-07 0.13827140E-10-0.14039900E+05 0.37366900E+02
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                                                                                                                                                                                       7h 7o 10 0G
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phch2o
                                                                                                                                                             C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
        0.11786960E + 02 \quad 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 05 \quad 0.15723720E - 08 - 0.97249460E - 13 \\ 0.28687710E - 01 - 0.98102230E - 01 - 0.98102230E - 01 - 0.98102230E - 01 - 0.98102230E - 01 \\ 0.28687710E - 0.08687710E - 0.0867710E - 0.0867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
        0.76002110E + 04 - 0.37226230E + 02 - 0.70223900E + 01 \quad 0.81629680E - 01 - 0.61132220E - 04 \\ 0.76002110E + 04 - 0.37226230E + 02 - 0.70223900E + 01 \\ 0.81629680E - 01 - 0.61132220E - 04 \\ 0.81629680E - 01 - 0.61132220E - 0.611220E - 0.61120E \\ 0.81629680E - 0.61120E - 0.61120E - 0.61120E - 0.61120E - 0.61120E \\ 0.81629680E - 0.61120E - 0.61120
        0.20734560E-07-0.20847660E-11 0.12652870E+05 0.59532670E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                       7h 6o 10 0G 300.00
phhco
                                                                                                                                                            С
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
        0.12477340E+02 0.26156340E-01-0.10355870E-04 0.19086880E-08-0.13222350E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.10699560E + 05 - 0.39903100E + 02 \quad 0.18416540E + 01 \quad 0.31811100E - 01 \quad 0.37371600E - 04 \quad 0.31811100E - 01 \quad 0.31811100E - 0.31811100E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
 -0.71742300E - 07 \ 0.30772230E - 10 - 0.65685440E + 04 \ 0.20871370E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                                       7h 5o 10 0G 300.00
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phco
                                                                                                                                                             С
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
        0.13055590E+02 0.22893250E-01-0.91611550E-05 0.16982380E-08-0.11804720E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
        0.68496380E+04-0.41412370E+02 0.20476370E+01 0.32981980E-01 0.27311090E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
 -0.60962890E-07 0.26990060E-10 0.10899480E+05 0.20413040E+02
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hoc6h4ch3 avg cresol c 7h 8o 1 0G 300.000 5000.000 1400.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    21
        1.97311724e+01 2.12245074e-02-7.27602659e-06 1.13158989e-09-6.57395287e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
  3
        2.97047387e-08-5.12027914e-12-1.73715284e+04 4.43681107e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
oc6h4ch3 avg cresol
                                                                                                                                                 c 7h 7o
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        2.00333477e+01 1.83142467e-02-6.17265091e-06 9.50353551e-10-5.48634044e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
  -7.76864165e+03-8.60606102e+01-3.82920147e+00 7.73376217e-02-6.15929083e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
        2.43728641e-08-3.80779615e-12 2.89377185e+01 4.06647799e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
phc2h5
                                                                                                                                                             c 8h 100
                                                                                                                                                                                                                                                   00 OG
                                                                                                                                                                                                                                                                                                                   300.00
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               \texttt{0.3878978E+01} \quad \texttt{0.5810059E-01} \quad -\texttt{0.3196380E-04} \quad \texttt{0.8448993E-08} \quad -\texttt{0.8694825E-12} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
        0.1003089E+00 -0.9651715E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
              0.5565908E-07 -0.1453370E-10 0.1987290E+04
                                                                                                                                                                                                                                                                                                              0.5856430E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                             c 8h
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Aphc2h4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
        0.17812740E+02 0.24252330E-01-0.73258030E-05 0.10781160E-08-0.63032930E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
        0.19489380E + 05 - 0.69123150E + 02 - 0.54440620E + 01 \quad 0.90239870E - 01 - 0.78481590E - 04 \\ 0.90239870E - 0.98481590E - 0.984
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
       0.37195140E-07-0.77518990E-11 0.25979520E+05 0.51002700E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                             c 8h 90
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 Bphc2h4
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        2
        0.12434840E + 05 - 0.61654800E + 02 - 0.31388300E + 01 \quad 0.73564250E - 01 - 0.45062580E - 04 \\ 0.12434840E + 05 - 0.61654800E + 02 - 0.31388300E + 01 \\ 0.73564250E - 01 - 0.45062580E - 04 \\ 0.73564250E - 01 - 0.45062580E - 00 \\ 0.73564250E - 0.45062580E - 0.4506200E - 0.45062580E - 0.450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
       0.99457900E-08 0.39087490E-12 0.18338590E+05 0.40996950E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
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                                                                                                                                                             c 8h 80
                                                                                                                                                                                                                                                    00
                                                                                                                                                                                                                                                                                   0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
        0..14571320E + 02 \quad 0..28601890E - 01 - 0..10945920E - 04 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..28601890E - 01 - 0..10945920E - 04 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..28601890E - 01 - 0..10945920E - 04 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..28601890E - 01 - 0..10945920E - 04 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..28601890E - 01 - 0..10945920E - 01 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..19866680E - 08 - 0..13651030E - 12 \quad 0..19866680E - 0..1986660E - 0..1986660E - 0..1986660E - 0..1986660E - 0..198660E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
        0.10602530E + 05 - 0.53346050E + 02 - 0.47260910E + 01 \\ 0.81145100E - 01 - 0.58700960E - 04 \\ 0.81145100E - 01 - 0.58700960E - 00 \\ 0.81145100E - 01 - 0.58700960E - 00 \\ 0.81145100E - 0.58700960E - 0.58700000E - 0.5870000E - 0.587000E - 0.58700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
       0.14330870 \\ E-07 \quad 0.20285270 \\ E-11 \quad 0.16027630 \\ E+05 \quad 0.46634070 \\ E+02 \quad 0.46634070 \\ E+02 \quad 0.46634070 \\ E+03 \quad 0.46634070 \\ E+04 \quad 0.46634070 \\ E+05 \quad 0.46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                             c 8h 7
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                                                                                                                                                                                                                                                                                       OG 300.000 5000.000 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1
        0.16332950E+02 0.21419530E-01-0.65453240E-05 0.96915450E-09-0.56787960E-13
        0.39189790E + 05 - 0.61551090E + 02 - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 01 \quad 0.76848510E - 01 - 0.62073960E - 04 \\ - 0.36413490E + 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.000E 
        0.25027450E-07-0.40434900E-11 0.44741910E+05 0.41739090E+02
                                                                                                                                                              c 8h
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                                                                                                                                                                                                                                                        0
                                                                                                                                                                                                                                                                                        OG 300.000 5000.000 1000.00
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        0.14470230E+02 0.24105550E-01-0.77006060E-05 0.11776170E-08-0.70589850E-13
        0.34523810E + 05 - 0.52091260E + 02 - 0.18113050E + 01 \\ 0.60426670E - 01 - 0.27360430E - 04 \\ 0.60426670E - 0.27360430E - 0.2736040E - 0.273600E - 0.273600E - 0.273600E - 0.273600E - 0.27360
 -0.41005130E-08 0.48287310E-11 0.39537740E+05 0.34420980E+02
                                                                                                                                                             C
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                                                                                                                                                                                                                       60
                                                                                                                                                                                                                                                    00
                                                                                                                                                                                                                                                                                        0G 300.00
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              0.6441450E+01 0.4174141E-01 -0.2277228E-04 0.5894608E-08 -0.5895331E-12
              0.3527225E + 05 - 0.9471260E + 01 \quad 0.1594150E + 01 \quad 0.3139700E - 01 \quad 0.6454891E - 04
        -0.1252211E-06 0.5840699E-10 0.3716431E+05 0.1965262E+02
                                                                                                                                                                                                                    7
                                                                                                                     mar94 c 8h
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                                                                                                                                                                                                                                                                                                                       300.000 5000.
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        1.74540862e 01 2.22040686e-02-9.33350484e-06 1.73528698e-09-1.13685613e-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
        3.87604904e 04-6.90454166e 01-5.18004315e 00 8.45709724e-02-7.57339260e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
        3.38554022e-08-6.01465106e-12 4.55621698e 04 4.89682087e 01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
phch2hco 10/11/ 6 THERMC
                                                                                                                                                                                                                                                                                         0G
                                                                                                                                                                                                                                                                                                                            300.000 5000.000 1392.000
                                                                                                                                                                               8h
                                                                                                                                                                                                                 80
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        2.07189090E+01 2.34657288E-02-8.16859744E-06 1.28349619E-09-7.50981560E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 -1.59748937E+04-8.38562538E+01-4.63817169E+00 8.37851572E-02-6.32386011E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        2.42587771E-08-3.76921290E-12-7.30919223E+03 5.18907332E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
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                                                                                                                                                                                                                                                                                       0G
                                                                 3/13/ 7 THERMC
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phch2co
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2.03082558E+01 2.13259410E-02-7.44358584E-06 1.17168778E-09-6.86428145E-14
                                                                                                                                                                                                                                            2
   2.98500182E+03-7.99822433E+01-3.86936154E+00 7.90084288E-02-6.02144431E-05
                                                                                                                                                                                                                                           3
   2.32059973E-08-3.60981055E-12 1.12198943E+04 4.93727805E+01
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                                                                                                                                               300.000 5000.000 1393.000
                                 7/ 5/99 ThERMc
                                                                                              70
                                                                                   8h
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                                                                                                                                                                                                                                         2.1
                                                                                                               1
   2.06377587E+01 2.09842204E-02-7.31094395E-06 1.14935927E-09-6.72742545E-14
                                                                                                                                                                                                                                            2
   3.46513492E+04-8.22574610E+01-2.89631990E+00 7.81864943E-02-6.10228928E-05
                                                                                                                                                                                                                                            3
   2.43055421E-08-3.92233529E-12 4.25768671E+04 4.33055092E+01
                                                                                                                                                                                                                                            4
c6h5cco
                                                                       C
                                                                                   8h
                                                                                               50
                                                                                                              1
                                                                                                                               0G
                                                                                                                                               300.000 5000.000 1391.000
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   2.05717606e 01 1.65626187e-02-5.73631528e-06 8.98556853e-10-5.24719633e-14
                                                                                                                                                                                                                                            2
   1.85523144e 04-7.88307218e 01 2.46903285e 00 5.68111793e-02-3.84432919e-05
                                                                                                                                                                                                                                            3
   1.22781652e-08-1.44841401e-12 2.49411038e 04 1.89465318e 01
                                                                                                                                                                                                                                            4
                                                                                   9h 120
pbz
                                                                       C
                                                                                                               00
                                                                                                                              0G
                                                                                                                                               300.00
                                                                                                                                                                      3000.00 1000.00
                                                                                                                                                                                                                                            1
   0..19564560E + 02 \\ 0..3371875E - 01 - 0..11279970E - 04 \\ 0..17806490E - 08 - 0..10900860E - 12 \\ 0..19564560E + 02 \\ 0..1956460E + 02 \\ 0..1956460E + 02 \\ 0..1956460E + 02 \\ 0..195640E + 02 \\ 0..195
                                                                                                                                                                                                                                            2
-0.86688460E + 04 - 0.7905852E + 02 - 0.42383000E + 01 - 0.90064150E - 01 - 0.53314080E - 04 - 0.00064150E - 01 - 0.00064150E - 0.0006415
                                                                                                                                                                                                                                            3
   4
Ai zdq
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   0.21741480E+02 0.26909920E-01-0.79001150E-05 0.11369460E-08-0.65350950E-13
                                                                                                                                                                                                                                            2
   0.15090430E + 05 - 0.88689430E + 02 - 0.51094210E + 01 \quad 0.99100460E - 01 - 0.81408620E - 04 - 0.09100460E - 01 - 0.81408620E - 04 - 0.09100460E - 01 - 0.81408620E - 04 - 0.09100460E - 01 - 0.81408620E - 0.09100460E - 0.0910040E - 0.09100460E - 0.09100
                                                                                                                                                                                                                                            3
   0.36663080E-07-0.74230540E-11 0.22938900E+05 0.51351110E+02
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pbzjB
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                                                                                   9h 110
                                                                                                                 00
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                                                                                                                                               300.0
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   0.21129850E+02 0.27425010E-01-0.80787270E-05 0.11662760E-08-0.67219100E-13
                                                                                                                                                                                                                                            2
   0.14768510E + 05 - 0.85102500E + 02 - 0.42891350E + 01 0.94219390E - 01 - 0.73481920E - 04
                                                                                                                                                                                                                                            3
   0.30863700E-07-0.57239250E-11 0.22298360E+05 0.47907890E+02
                                                                                                                                                                                                                                            4
                                                                                   9h 110
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                                                                                                                                               300.0
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pbziC
                                                                       C
   0.20351020E+02 0.28741720E-01-0.86354620E-05 0.12621560E-08-0.73240880E-13
                                                                                                                                                                                                                                            2
   0.80655060E + 04 - 0.81773010E + 02 - 0.37883710E + 01
0.89749920E - 01 - 0.64624140E - 04
                                                                                                                                                                                                                                            3
   0.24373790E-07-0.40718430E-11 0.15385500E+05 0.45257910E+02
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BPHPROPY
                                                                                   9h 110
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                                                                                                                                               300.0
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                                                                       C
   0.18773470E + 02 0.32017490E - 01 - 0.10167760E - 04 0.15489960E - 08 - 0.92642370E - 13
                                                                                                                                                                                                                                            2
   0.14424040E + 05 - 0.72622580E + 02 - 0.61953190E + 01 \quad 0.10511650E + 00 - 0.89499430E - 04 \\ 0.10511650E + 0.0000E + 0.0000E + 0.0000E + 0.0000E + 0.0000E + 0.0000E \\ 0.10511650E + 0.0000E + 0.0000E + 0.0000E + 0.0000E + 0.0000E \\ 0.10511650E + 0.0000E + 0.0000E + 0.0000E + 0.0000E \\ 0.10511650E + 0.0000E + 0.0000E \\ 0.1051650E + 0.0000E +
                                                                                                                                                                                                                                            3
   0.40374020E-07-0.77179490E-11 0.21106050E+05 0.55387230E+02
                                                                                                                                                                                                                                            4
                                                                                                                               0G
phc3h5-1
                                9/14/ 6 THERMC
                                                                                   9h 10
                                                                                                               0
                                                                                                                                               300.000 5000.000 1394.000
                                                                                                                                                                                                                                         2.1
   2.16587276E+01 2.75881451E-02-9.55076467E-06 1.49500893E-09-8.72399867E-14
                                                                                                                                                                                                                                           2
   5.19915200E+03-9.05488599E+01-6.24410147E+00 9.58105961E-02-7.44144657E-05
                                                                                                                                                                                                                                           3
   2.99733017 \mathtt{E} - 08 - 4.93273232 \mathtt{E} - 12 \ 1.45952864 \mathtt{E} + 04 \ 5.82460572 \mathtt{E} + 01
                                                                                                                                                                                                                                           4
                                9/14/ 6 THERMC 9h 10
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                                                                                                                              0G
                                                                                                                                        300.000 5000.000 1394.000
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phc3h5-2
   2.19853383E+01 2.70638184E-02-9.31538265E-06 1.45259764E-09-8.45413132E-14
                                                                                                                                                                                                                                           2.
   2.69366707E+03-9.24338477E+01-4.35832771E+00 9.11717963E-02-6.97871645E-05
                                                                                                                                                                                                                                           3
   2.77223371E-08-4.50000291E-12 1.15805419E+04 4.81294035E+01
                                                                                                                                                                                                                                            4
phc3h4
                                9/14/ 6 THERMC 9h
                                                                                             9
                                                                                                               Ω
                                                                                                                                OG 300.000 5000.000 1393.000
                                                                                                                                                                                                                                         2.1
   2.27552458E+01 2.43969901E-02-8.51385950E-06 1.33981649E-09-7.84733524E-14
                                                                                                                                                                                                                                           2.
   2.07012023E+04-9.74493675E+01-4.95799544E+00 9.40497566E-02-7.70155559E-05
                                                                                                                                                                                                                                            3
   3.25278599E-08-5.57386852E-12 2.98543817E+04 4.96805752E+01
                                                                                                                                                                                                                                            4
                                 9/ 8/ 6 THERMC
                                                                                 9h
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                                                                                                                0
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                                                                                                                                               300.000 5000.000 1382.000
                                                                                                                                                                                                                                         11
phc3h3
   2.63873378E+01 1.98410659E-02-7.09387681E-06 1.13452913E-09-6.72002176E-14
                                                                                                                                                                                                                                            2
3
   3.03079033E-08-5.00421779E-12 6.05215549E+03 4.96816177E+01
                                                                                                                                                                                                                                            4
phc2h4hco 6/25/99 ThERMc
                                                                                                                                                                                                                                         31
                                                                                   9h 10o
                                                                                                              1
                                                                                                                                0G
                                                                                                                                               300.000 5000.000 1389.000
   2.45201777E+01 2.65966062E-02-9.06999913E-06 1.40649173E-09-8.15706632E-14
                                                                                                                                                                                                                                            2
-2.06440651E+04-1.03260879E+02-3.51452942E+00 9.44753458E-02-7.23466221E-05
                                                                                                                                                                                                                                            3
   2.84149855E-08-4.52662508E-12-1.11972167E+04 4.63750693E+01
                                                                                                                                                                                                                                            4
                                 6/30/99
                                                                                   9h
                                                                                                  90
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                                                                                                                                0G
                                                                                                                                               300.000 5000.000 1388.000
                                                                                                                                                                                                                                         31
phc2h4co
                                                                       C
   2.41401504E+01 2.44085832E-02-8.32461450E-06 1.29120181E-09-7.49030128E-14
                                                                                                                                                                                                                                            2
-1.69689524E+03-9.95597353E+01-2.74324766E+00 8.96773901E-02-6.92714443E-05
                                                                                                                                                                                                                                            3
   2.73162150E-08-4.35475868E-12 7.33171062E+03 4.38474772E+01
                                                                                                                                                                                                                                            4
phch2coch2 7/5/99 ThERMc
                                                                                   9h
                                                                                                  90
                                                                                                                                0G
                                                                                                                                               300.000 5000.000 1390.000
                                                                                                                1
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   2.32712538E+01 2.57435858E-02-8.90507867E-06 1.39337697E-09-8.12922746E-14
                                                                                                                                                                                                                                           2.
   8.48119323E+02-9.36335596E+01-3.04453343E+00 8.95593266E-02-6.90116023E-05
                                                                                                                                                                                                                                           3
   2.75411948E-08-4.49576293E-12 9.76432431E+03 4.68894971E+01
                                                                                                                                                                                                                                            4
                                7/ 5/99 ThERMc
phcoc2h4
                                                                                   9h 9o 1 0G
                                                                                                                                               300.000 5000.000 1391.000
                                                                                                                                                                                                                                         31
   2.37012877E+01 2.55632683E-02-8.88177489E-06 1.39363094E-09-8.14595243E-14
                                                                                                                                                                                                                                            2
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3.05045253E+04-9.69178455E+01-2.75443373E+00 9.08941745E-02-7.20233762E-05
                                                                                                                                                                                                                                                                                                                                                                                               3
     2.97163771E-08-5.01683123E-12 3.93793566E+04 4.39830037E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                                                                                                                                                                                                                        300.000 5000.000 1395.000
phc2h2hco 7/13/99 ThERMc
                                                                                                                                      9h
                                                                                                                                                                                                             0G
                                                                                                                                                       80
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     2.43396805E+01 2.29488876E-02-7.99206120E-06 1.25607828E-09-7.35059093E-14
                                                                                                                                                                                                                                                                                                                                                                                               2.
-1.03809934E + 04 - 1.04678423E + 02 - 4.45326828E + 00 \\ 9.77441883E - 02 - 8.40254088E - 05 \\ -0.0284088E - 0.0284088E - 0.028408E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                3
     3.68956893E-08-6.49941387E-12-1.14134809E+03 4.72765941E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                              9/6/6 THERMC 9h 7o 10 OG
                                                                                                                                                                                                                                        300.000 5000.000 1000.000
phc2h2co
                                                                                                                                                                                                                                                                                                                                                                                           31
 -0.32599351E+01 0.67205213E-01-0.29997287E-04 0.57979261E-08-0.40911016E-12
                                                                                                                                                                                                                                                                                                                                                                                                2
    0..19798719E + 05 \quad 0..49774338E + 02 - 0..37034855E + 01 \quad 0..74317016E - 01 - 0..31271353E - 04 \quad 0..49798719E + 05 \quad 0..49774338E + 02 - 0..37034855E + 01 \quad 0..74317016E - 01 - 0..31271353E - 04 \quad 0..49774338E + 0..4977438E + 0..497748E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                3
-0.74697875E-08 0.73120138E-11 0.18883758E+05 0.48855797E+02
                                                                                                                                                                                                                                                                                                                                                                                                4
phcoc2h3 12/1/99 THERMc 9h 8o 1
                                                                                                                                                                                                  OG 300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                           21
     0.38366776E+02-0.49549057E-02 0.58668638E-05-0.15229780E-08 0.12626792E-12
                                                                                                                                                                                                                                                                                                                                                                                                2
3
-0.20477078E-08 0.72081490E-12 0.33618213E+03 0.30988880E+02
                                                                                                                                                                                                                                                                                                                                                                                                4
Bphc3h5ohA 12/11/06THERGc
                                                                                                                                      9h 11o 1
                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                        300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                           21
     0.21748049E+02 0.29432187E-01-0.87478275E-05 0.12697609E-08-0.73389435E-13
                                                                                                                                                                                                                                                                                                                                                                                                2
 -0.35120996E+04-0.82429214E+02-0.47979689E+01 0.10623018E+00-0.94799878E-04
                                                                                                                                                                                                                                                                                                                                                                                                3
     0.47706251E-07-0.10704951E-10 0.38361284E+04 0.54351269E+02
                                                                                                                                                                                                                                                                                                                                                                                                4
Aphc3h5ohB 12/11/06THERGc 9h 11o
                                                                                                                                                                                  1
                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                        300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                           21
     0.42609871E + 02 0.14871208E - 02 - 0.40950788E - 07 - 0.16070569E - 11 0.21257169E - 15 0.42609871E + 02 0.14871208E - 02 - 0.40950788E - 07 - 0.16070569E - 11 0.21257169E - 15 0.42609871E + 02 0.14871208E - 02 - 0.40950788E - 07 - 0.16070569E - 11 0.21257169E - 15 0.42609871E + 02 0.14871208E - 02 - 0.40950788E - 07 - 0.16070569E - 11 0.21257169E - 15 0.42609871E + 02 0.4260971E + 02 0.4260971
                                                                                                                                                                                                                                                                                                                                                                                                2
-0.14006086E + 05 - 0.20249825E + 03 - 0.28198125E + 01 \\ 0.95189229E - 01 - 0.70355542E - 04 \\ -0.14006086E + 05 - 0.20249825E + 03 - 0.28198125E + 01 \\ -0.95189229E - 01 - 0.70355542E - 04 \\ -0.9518929E - 0.95189229E - 0.9518929E - 0.9518920E - 0.951800E - 0.95
                                                                                                                                                                                                                                                                                                                                                                                                3
     0.29562411E-07-0.75149739E-11 0.21227725E+04 0.44798199E+02
                                                                                                                                                                                                                                                                                                                                                                                                4
Cphc3h5ohB 12/11/06THERGC
                                                                                                                                     9h 11o
                                                                                                                                                                                   1
                                                                                                                                                                                                             0G
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                                                                                                                                                                                                                                                                                                                                                                                           2.1
     0.41766689E + 02 0.20566636E - 02 - 0.34463035E - 07 - 0.13638766E - 10 0.13351331E - 14
                                                                                                                                                                                                                                                                                                                                                                                                2
-0.21529559E + 05 - 0.19822910E + 03 - 0.19387363E + 01 \quad 0.89019664E - 01 - 0.60733699E - 04 + 0.0073699E - 0.007369E - 0.00769E 
                                                                                                                                                                                                                                                                                                                                                                                                3
    0.23585216E-07-0.61533278E-11-0.57413350E+04 0.40736298E+02
                                                                                                                                                                                                                                                                                                                                                                                               4
Bphc3h5ohC 12/12/6 THERMC
                                                                                                                               9h 11o
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     2.56278980E+01 2.71742952E-02-9.14982234E-06 1.40759294E-09-8.12078708E-14
                                                                                                                                                                                                                                                                                                                                                                                               2
-7.96732596E+03-1.05500570E+02-5.41454336E+00 1.02219649E-01-7.80367976E-05
                                                                                                                                                                                                                                                                                                                                                                                               3
     2.99199282E-08-4.56777226E-12 2.39900315E+03 6.00533071E+01
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                                                             3/13/07 THEC
                                                                                                                               9h 11o
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pbzohAaiB
     3.19565431E+01 2.62882126E-02-9.34949766E-06 1.49004559E-09-8.80437571E-14
                                                                                                                                                                                                                                                                                                                                                                                               2.
-2.64172679E + 04 - 1.36826090E + 02 - 3.17466752E + 00 \quad 1.11126079E - 01 - 8.88134603E - 05 \quad 1.11126079E - 01 - 1.88134603E - 05 \quad 1.11126079E - 01 - 1.88136609E - 00 - 1.88136009E - 00 - 1.88136609E - 00 - 1.8816609E - 00 - 1.8816609E - 00 - 1.8816609E - 00 - 1.88166009E - 00 - 1.88166000000
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     3.58635381E-08-5.86576689E-12-1.44890054E+04 5.08828040E+01
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pbzohBqjA
     3.19565431E+01 2.62882126E-02-9.34949766E-06 1.49004559E-09-8.80437571E-14
                                                                                                                                                                                                                                                                                                                                                                                               2
-2.64172679E+04-1.36826090E+02-3.17466752E+00 1.11126079E-01-8.88134603E-05
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    3.58635381E-08-5.86576689E-12-1.44890054E+04 5.08828040E+01
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                                                              3/13/07 THEC
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     3.27032733E+01 2.57270580E-02-9.17338705E-06 1.46447770E-09-8.66360485E-14
                                                                                                                                                                                                                                                                                                                                                                                               2.
-2.83875449E + 04 - 1.41158304E + 02 - 4.44255203E + 00 \quad 1.16886944E - 01 - 9.60843767E - 05 \quad 1.1688694E - 01 - 9.60843767E - 05 \quad 1.1688694E - 01 - 9.60843767E - 05 \quad 1.1688694E - 01 - 9.6084876E - 01 - 9.608486E - 01 - 9.608686E - 01 - 9.60866E - 01 - 9.60868E - 01 - 9.608686E - 01 - 9.608686E - 01 - 9.6
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     3.97166890E-08-6.61490372E-12-1.59406599E+04 5.67652602E+01
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                                                               3/13/07 THEC
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     3.27032733E+01 2.57270580E-02-9.17338705E-06 1.46447770E-09-8.66360485E-14
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-2.83875449E + 04 - 1.41158304E + 02 - 4.44255203E + 00 \quad 1.16886944E - 01 - 9.60843767E - 05 \quad 1.1688694E - 01 - 9.60843767E - 05 \quad 1.1688694E - 01 - 9.6084376E - 00 \quad 1.1688694E - 01 - 9.60848E - 00 \quad 1.1688694E - 00 \quad 1.168869E - 00 \quad 
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     3.97166890E-08-6.61490372E-12-1.59406599E+04 5.67652602E+01
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Cophc3h4-1 12/12/6 THERMC
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     2.51730730E+01 2.36753732E-02-8.01815748E-06 1.23843432E-09-7.16504593E-14
     1.04394911E+04-1.06613466E+02-6.47405067E+00 1.04577612E-01-8.77058889E-05
                                                                                                                                                                                                                                                                                                                                                                                                3
     3.70258549E-08-6.22136179E-12 2.05936790E+04 6.06489707E+01
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Aophc3h4-2 12/12/6 THERMC
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-0.39560852E+01 0.68859898E-01-0.28853545E-04 0.53335851E-08-0.36449161E-12
                                                                                                                                                                                                                                                                                                                                                                                                2
     0.22584219E+05 0.56222107E+02-0.69234300E+01 0.10561591E+00-0.85967440E-04
                                                                                                                                                                                                                                                                                                                                                                                                3
     0.29665280E-07-0.14717237E-11 0.20350043E+05 0.60686974E+02
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ch3c6h4c2h3
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     2.13664963e+01 2.79354157e-02-9.69178877e-06 1.51917696e-09-8.87326037e-14
                                                                                                                                                                                                                                                                                                                                                                                                2.
     2.91092188e+03-9.00111261e+01-2.76029596e+00 8.32252436e-02-5.85472575e-05
                                                                                                                                                                                                                                                                                                                                                                                                3
     2.14521211e-08-3.26642304e-12 1.14654148e+04 4.00613508e+01
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     2.29271900e+01 3.04089660e-02-1.03593788e-05 1.60461730e-09-9.29658996e-14
                                                                                                                                                                                                                                                                                                                                                                                               2.
-1.21377244 \\ e+04-9.84493825 \\ e+01-4.41852383 \\ e+00 \\ 9.35245334 \\ e-02-6.54171104 \\ e-05
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2.31989742e-08-3.30851599e-12-2.62791031e+03 4.85805625e+01
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 c14h14
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     0.72920350E+01 0.92502000E-01-0.51686410E-04 0.13627090E-07-0.13811480E-11
                                                                                                                                                                                                                                                                                                                                                             2.
     0.10316730E + 05 - 0.11327380E + 02 - 0.13889580E + 02 \ 0.17209840E + 00 - 0.17006600E - 03 \ 0.17209840E + 00 - 0.17006600E - 0.0006600E - 0.000600E - 0.0006600E - 0.0006600E - 0.000600E - 0
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     0.96018880E-07-0.23732530E-10 0.15032340E+05 0.92707360E+02
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    0.19726501E + 02 \quad 0.28167639E - 01 - 0.96896429E - 05 \quad 0.14654855E - 08 - 0.80134955E - 13 - 0.80134955E - 10.80134955E - 10.8013495E - 10.8013495E - 10.80134955E - 10.8013495E - 10.801495E -
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    3
 -0.54125859E-07 0.29066527E-10 0.16325324E+05 0.45018630E+02
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     0.24289017e \quad 02 \quad 0.34006648e - 01 - 0.11722408e - 04 \quad 0.17729298e - 08 - 0.96812532e - 1389648e - 0198648e - 0198646
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    3
 -0.64564460e-07 0.34150169e-10 0.19405965e 05 0.44741348e 02
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 c10h9
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     1.96879334E+01 3.20520257E-02-1.16715110E-05 1.90182471E-09-1.14603906E-13
                                                                                                                                                                                                                                                                                                                                                             2
     1.80099777E+04-8.29833882E+01-1.21356342E+00 5.48913745E-02 5.55281159E-05
                                                                                                                                                                                                                                                                                                                                                             3
 -1.24860759E-07 5.75105005E-11 2.52575495E+04 3.28077928E+01
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     1.92211178E+01 3.51247274E-02-1.27719042E-05 2.07903232E-09-1.25191968E-13
                                                                                                                                                                                                                                                                                                                                                             2
     4.39595221E+03-8.19390283E+01-1.92135165E-01 4.50394780E-02 8.64482370E-05
                                                                                                                                                                                                                                                                                                                                                             3
 -1.56640588E-07 6.88727900E-11 1.16587583E+04 2.82951960E+01
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    6.40440300E+04-6.37727800E+01 4.85426800E+00 3.03165900E-02 1.74289200E-07
                                                                                                                                                                                                                                                                                                                                                             3
 -1.81101000E-08 7.39251100E-12 6.81732300E+04 3.47340700E+00
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 c6h4c2h
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     9.43202080E+00 3.25329290E-02-1.68709990E-05 4.20594250E-09-4.09400480E-13
                                                                                                                                                                                                                                                                                                                                                             2
    6.23576270E + 04 - 2.48636700E + 01 - 4.56114890E + 00 \\ 8.13046740E - 02 - 8.13362740E - 05
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     4.22006150E-08-8.72984310E-12 6.56187700E+04 4.46738350E+01
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Alc2hAC
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    1.21998720E+01 4.24216550E-02-2.18133560E-05 5.39916760E-09-5.22371160E-13
                                                                                                                                                                                                                                                                                                                                                             2
    6.75357020E + 04 - 3.55326290E + 01 - 2.87461430E + 00 \\ 9.35986380E - 02 - 8.71626910E - 05 \\ 10.75357020E + 04 - 3.55326290E + 01 - 2.87461430E + 00 \\ 10.75357020E + 04 - 3.55326290E + 01 - 2.87461430E + 00 \\ 10.75357020E + 04 - 3.55326290E + 01 - 2.87461430E + 00 \\ 10.75357020E + 04 - 3.55326290E + 01 - 2.87461430E + 00 \\ 10.75357020E + 00 - 2.87461420E + 00 - 2.87461420E + 00 \\ 10.75357020E + 00 - 2.87461420E + 00 - 2.8746420E + 00 - 2.87464420E + 00 - 2.87464420E + 00 - 2.87464440E + 00 - 2.8746440E + 00 - 2.8746440E + 00 - 2.8746440E + 00 
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    4.21237400E-08-8.01506440E-12 7.11222060E+04 3.97275660E+01
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A2-X
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    9.14717570E+00 4.80582360E-02-2.53147210E-05 6.38292050E-09-6.26509890E-13
                                                                                                                                                                                                                                                                                                                                                             2
     4.17725310E + 04 - 2.59244170E + 01 - 6.02056560E + 00 \quad 9.04003210E - 02 - 6.16294130E - 05 - 6.02056560E + 00 \quad 9.04003210E - 00 - 6.0205660E + 00 \quad 9.04003210E - 0.0205660E + 0.020560E + 0.0205660E + 0.0205660E + 0.0205660E + 0.0205660E + 0.020560E + 0.0205660E + 0.0205660E + 0.0205660E + 0.0205660E + 0.020560E + 0.0205660E + 0.0205660E + 0.0205660E + 0.0205660E + 0.020560E + 0.0205660E + 0.0205
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    1.13763900E-08 3.50244490E-12 4.57999680E+04 5.19691610E+01
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A20
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    2.
    9.57138280E + 03 - 5.77990530E + 01 - 8.58593850E + 00 \\ 6.84750150E - 02 - 9.20467850E - 06 \\ 6.84750150E - 01 - 9.20467850E - 00 \\ 6.84750150E - 01 - 9.2046780E - 00 \\ 6.84750150E - 00 \\ 6.
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 -3.88479680E-08 2.17720230E-11 1.71742660E+04 8.09439620E+01
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    2.85889590E+01 1.08775460E-02 2.32494290E-06 9.02891860E-11 2.85658840E-13
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 3
 -3.89715850E-08 2.04926840E-11-6.99657370E+03 2.54545150E+01
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A1c2h3AC
    6.39681670E+00 2.09505090E-02 1.41400130E-05 1.65506210E-09-6.81654990E-12
    5.25843790E+04 1.42662500E+01-4.24241480E-01 7.39664960E-02-2.61253810E-05
                                                                                                                                                                                                                                                                                                                                                             3
 -4.95778250E-08 3.84868040E-11 5.00668090E+04 3.42529680E+01
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    1.31457040E+01 1.51377560E-02 8.60589080E-06 1.08657830E-09-3.46351350E-12
                                                                                                                                                                                                                                                                                                                                                            2
    3.40730660E+04-3.68146590E+01-1.16719530E+01 7.28180630E-02-7.96013860E-06
 -3.95516300E-08 2.08780720E-11 4.08638200E+04 9.26830670E+01
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phc4h9
                6/ 3/99
                                 c 10h 14
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 2.67352334E+01 3.43477266E-02-1.17087252E-05 1.81434544E-09-1.05143951E-13
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3
 3.27496505E-08-5.12339478E-12-3.97172741E+03 5.79294597E+01
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                                 c 10h 13 0 0G
                6/ 3/99
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Aphc4h8
 2.63195668E+01 3.22014066E-02-1.09791469E-05 1.70158839E-09-9.86239739E-14
                                                                                                                 2
 9.94241670 \pm +03 -1.13082008 \pm +02 -5.45675956 \pm +00 \ 1.09122905 \pm -01 -8.25272801 \pm -05
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 3.20915301E-08-5.06141805E-12 2.06406285E+04 5.65096112E+01
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Bphc4h8
 2.62094455E+01 3.18543753E-02-1.07757053E-05 1.66215541E-09-9.60490097E-14
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 8.53697685E+03-1.12088233E+02-4.89499625E+00 1.03472638E-01-7.25748996E-05
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 2.53788579E-08-3.50769312E-12 1.93152099E+04 5.51207574E+01
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Cphc4h8
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 2.62094455E+01 3.18543753E-02-1.07757053E-05 1.66215541E-09-9.60490097E-14
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 8.53697685E+03-1.12088233E+02-4.89499625E+00 1.03472638E-01-7.25748996E-05
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 2.53788579E-08-3.50769312E-12 1.93152099E+04 5.51207574E+01
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Dphc4h8
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 2.70273993E+01 3.21704122E-02-1.10893400E-05 1.73097280E-09-1.00815459E-13
                                                                                                                  2
 2.35147019E+03-1.20696474E+02-3.97290080E+00 1.05990334E-01-7.87536684E-05
                                                                                                                  3
 3.01569625E-08-4.71350779E-12 1.29600077E+04 4.52696443E+01
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Dphsecb
               8/31/ 6 THERMC 10h 13
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                                                                     300.000 5000.000 1397.000
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 2.62310937E+01 3.25543809E-02-1.11577719E-05 1.73503839E-09-1.00786050E-13
                                                                                                                 2.
 9.23125104E+03-1.11588995E+02-6.02790900E+00 1.11480583E-01-8.57361173E-05
                                                                                                                 3
 3.40464370E-08-5.49532858E-12 2.00312696E+04 6.03194178E+01
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phc4h7-3
              6/ 8/99 ThERMc 10h 12
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 2.53129170E+01 3.14281387E-02-1.08152689E-05 1.68620292E-09-9.81246226E-14
                                                                                                                 2
-1.40337072E + 03 - 1.10601858E + 02 - 5.52864894E + 00 1.07276062E - 01 - 8.33212344E - 05
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 3.36538598E-08-5.55115817E-12 8.92646491E+03 5.36875671E+01
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              6/ 8/99 ThERMc 10h 12
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phc4h7-2
 2.43902403E+01 3.24004931E-02-1.11925596E-05 1.74946782E-09-1.01985620E-13
                                                                                                                 2.
-2.45450569E+02-1.04802041E+02-5.93522992E+00 1.04404463E-01-7.72345306E-05
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 2.96299900E-08-4.66636566E-12 1.01859490E+04 5.76804055E+01
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phc4h7-1
              6/ 8/99 ThERMc 10h 12
                                                           OG 300.000 5000.000 1396.000
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 2.56327022E+01 3.06080886E-02-1.04190973E-05 1.61318568E-09-9.34399509E-14
                                                                                                                 2
 8.18387633E + 02 - 1.11127142E + 02 - 6.54800245E + 00 \quad 1.10347314E - 01 - 8.66280506E - 05 - 10.0347314E - 01 - 10.03474E - 0
                                                                                                                 3
 3.49310042E-08-5.69147696E-12 1.14558141E+04 5.99487246E+01
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Bphc4h6-3 7/ 5/99
                                 c 10h 11
                                                     Ω
                                                            OG 300.000 5000.000 1391.000
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 2.47070740E+01 2.90264191E-02-9.91397307E-06 1.53860047E-09-8.92709004E-14
                                                                                                                 2.
 2.23032232E+04-1.04039398E+02-4.37243296E+00 9.78810028E-02-7.21054814E-05
                                                                                                                 3
 2.70409791E-08-4.09629384E-12 3.22392342E+04 5.16926203E+01
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Cphc4h6-1 7/ 5/99
                                 c 10h 11
                                                     0
                                                            OG 300.000 5000.000 1390.000
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 2.51229558E+01 2.81005272E-02-9.48298210E-06 1.46083903E-09-8.43531064E-14
                                                                                                                  2
 2.44662758E+04-1.05142326E+02-5.17174396E+00 9.99499536E-02-7.39211502E-05
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 2.74237635E-08-4.04934030E-12 3.47360317E+04 5.69401550E+01
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Dphc4h6-1 7/ 5/99
                                  c 10h 11
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                                                             OG 300.000 5000.000 1394.000
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 2.59340983E+01 2.84263046E-02-9.79818843E-06 1.52952343E-09-8.90909075E-14
                                                                                                                  2
 1.82936918E+04-1.13694812E+02-4.31081400E+00 1.02842357E-01-8.07007396E-05
                                                                                                                 3
 3.25777716E-08-5.33680982E-12 2.83870153E+04 4.73493640E+01
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               7/13/99 ThERMc 10h 10
                                                             OG 300.000 5000.000 1398.000
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 2.51177291E+01 2.71079788E-02-9.36415847E-06 1.46361840E-09-8.53182081E-14
 1.23688395E+04-1.10413157E+02-6.13672076E+00 1.09990763E-01-9.57033138E-05
                                                                                                                  3
 4.29399928E-08-7.72933039E-12 2.22598478E+04 5.39819170E+01
                  6/ 3/99
                                 c 10h 13o
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 2.84513486E+01 3.32063635E-02-1.14739814E-05 1.79387989E-09-1.04595186E-13
                                                                                                                 2
-7.55212227E+03-1.22499678E+02-5.30615619E+00 1.15113502E-01-8.83561440E-05
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 3.49764035E-08-5.64138940E-12 3.84810478E+03 5.76884946E+01
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                                 c 10h 13o
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 2.89950874E+01 3.27117416E-02-1.12953327E-05 1.76509703E-09-1.02881048E-13
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3
 3.90501895E-08-6.50879318E-12 1.65099626E+03 5.82986152E+01
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phc4h8ojC
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2.89950874E+01 3.27117416E-02-1.12953327E-05 1.76509703E-09-1.02881048E-13
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    3.90501895E-08-6.50879318E-12 1.65099626E+03 5.82986152E+01
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phc4h8ojD
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    2.94596622E+01 3.21058244E-02-1.10459202E-05 1.72245524E-09-1.00263509E-13
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-9.58226117E + 03 - 1.29304628E + 02 - 6.76952885E + 00 \quad 1.21689929E - 01 - 9.65915717E - 05 - 1.29304628E + 02 - 1.29304628
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    3.91507891E-08-6.40399151E-12 2.42637877E+03 6.33845304E+01
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    3.00614649E+01 3.44244713E-02-1.19953629E-05 1.88571463E-09-1.10362452E-13
                                                                                                                                                                                                                                                                                                                 2
-8.83435174E + 03 - 1.27463376E + 02 - 3.26587503E + 00 \quad 1.14432007E - 01 - 8.70298215E - 05 \quad 1.14432007E - 01 - 1.14432007
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    3.46180084E-08-5.68639905E-12 2.60987705E+03 5.09068087E+01
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    3.06747172E+01 3.38518540E-02-1.17861965E-05 1.85183804E-09-1.08339822E-13
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-1.06726621E + 04 - 1.31483945E + 02 - 3.91962734E + 00 \\ 1.19337110E - 01 - 9.46664205E - 05 \\ 1.19337110E - 00 - 9.46664205E - 00 - 9.466642005E - 00 - 9.466642005E - 00 - 9.4666420005E - 00 - 9.4666
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    3.92235446E-08-6.66222898E-12 9.49580676E+02 5.27803492E+01
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    3.06747172E+01 3.38518540E-02-1.17861965E-05 1.85183804E-09-1.08339822E-13
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-1.06726621E + 04 - 1.31483945E + 02 - 3.91962734E + 00 \quad 1.19337110E - 01 - 9.46664205E - 05 - 10.06726621E + 10.0672621E + 10.0672621
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    3.92235446E-08-6.66222898E-12 9.49580676E+02 5.27803492E+01
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    3.07774458E+01 3.39562166E-02-1.18660582E-05 1.86898805E-09-1.09531583E-13
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-1.03072015E+04-1.32445197E+02-4.48710953E+00 1.19983949E-01-9.40568926E-05
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    3.84020224E-08-6.43864687E-12 1.65485484E+03 5.57904380E+01
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bbzqA
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    3.20065100E+01 3.52390466E-02-1.22591795E-05 1.92517610E-09-1.12592895E-13
                                                                                                                                                                                                                                                                                                                 2
-2.78611688E + 04 - 1.39446935E + 02 - 4.34731205E + 00 1.23976480E - 01 - 9.66502396E - 05
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    3.90676024E-08-6.45939531E-12-1.55834398E+04 5.45018094E+01
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    3.26656531E+01 3.46918358E-02-1.20729164E-05 1.89633800E-09-1.10922550E-13
                                                                                                                                                                                                                                                                                                                 2
-2.97300156E + 04 - 1.43770581E + 02 - 5.67396621E + 00 \quad 1.32067178E - 01 - 1.09151697E - 04 - 1.09151697
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    4.67567747E-08-8.12851930E-12-1.71474860E+04 5.94498425E+01
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bbzqC
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    4.67567747E-08-8.12851930E-12-1.71474860E+04 5.94498425E+01
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bbzqD
    3.27472154E+01 \quad 3.48071628E-02-1.21549070E-05 \quad 1.91364021E-09-1.12115639E-13
                                                                                                                                                                                                                                                                                                                 2
-2.93529434E + 04 - 1.44602154E + 02 - 6.14874040E + 00 \quad 1.32282089E - 01 - 1.07905808E - 04 - 1.079088E - 04 - 1.07908E - 04 - 1.07908E - 04 - 1.07908E - 04 - 1.07908E - 04 - 1
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    4.55411998E-08-7.81742762E-12-1.64555397E+04 \ 6.20355219E+01
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bbzqDrD
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    3.13153832E+01 3.34453666E-02-1.16772718E-05 1.83816032E-09-1.07679974E-13
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3
    3.51133065E-08-5.79840538E-12 3.88911318E+03 4.75291577E+01
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    3.18818252E+01 3.27029227E-02-1.13668697E-05 1.78433731E-09-1.04337691E-13
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    3.77087559E-08-6.09386626E-12 6.80419866E+03 5.84407930E+01
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    3.18818252E+01 3.27029227E-02-1.13668697E-05 1.78433731E-09-1.04337691E-13
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-5.51050095E+03-1.36501133E+02-4.64927400E+00 1.21423535E-01-9.46502187E-05
    3.77087559E-08-6.09386626E-12 6.80419866E+03 5.84407930E+01
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bbzaDrA
    3.23416944E+01 3.26368560E-02-1.14136621E-05 1.79871002E-09-1.05454936E-13
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-4.29020513E+03-1.39972349E+02-5.39584773E+00 1.27786578E-01-1.05483905E-04
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    4.49174607E-08-7.75903855E-12 8.15989638E+03 6.02974673E+01
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    3.33541264E+01 3.17821275E-02-1.11198685E-05 1.75295136E-09-1.02794344E-13
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-1.23687401E+04-1.48427954E+02-3.45244591E+00 1.24448659E-01-1.02600045E-04
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    4.36315547E-08-7.52935763E-12-2.10671816E+02 4.69521983E+01
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bbzqCrC
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0.48603951E+02 0.38860326E-02-0.24548314E-06 0.39682532E-11 0.40945443E-15
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 3
     0.51907797E-07-0.14269402E-10 0.29605872E+04 0.44767147E+02
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bbzaCrB
     3.18422816E+01 3.24698640E-02-1.12271789E-05 1.75633139E-09-1.02455246E-13
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 -5.89299487E + 03 - 1.35876678E + 02 - 4.07263209E + 00 \quad 1.20687165E - 01 - 9.50377782E - 05 - 1.00687165E - 1.
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     3.83187917E-08-6.25639461E-12 6.09860094E+03 5.53970916E+01
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     3.22604515E+01 3.25227329E-02-1.13323636E-05 1.78154075E-09-1.04270472E-13
                                                                                                                                                                                                                                                                                                                                                                                      2
 -4.66172730E + 03 - 1.39129126E + 02 - 4.78631852E + 00 \quad 1.27080419E - 01 - 1.06072877E - 04 - 1.0607287E - 04 - 1.060728E - 04 - 1.0607
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     4.57551016E-08-7.99113323E-12 7.44451305E+03 5.70644586E+01
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     3.33541264E+01 3.17821275E-02-1.11198685E-05 1.75295136E-09-1.02794344E-13
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 -1.23687401E + 04 - 1.48427954E + 02 - 3.45244591E + 00 \\ 1.24448659E - 01 - 1.02600045E - 04 \\ 1.2448659E - 01 - 1.02600045E - 04 \\ 1.24448659E - 01 - 1.02600045E - 04 \\ 1.2448659E - 01 - 1.026004
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     4.36315547E-08-7.52935763E-12-2.10671816E+02 4.69521983E+01
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     3.18422816E+01 3.24698640E-02-1.12271789E-05 1.75633139E-09-1.02455246E-13
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 -5.89299487E + 03 - 1.35876678E + 02 - 4.07263209E + 00 \quad 1.20687165E - 01 - 9.50377782E - 05 - 1.00687165E - 1.
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     3.83187917E-08-6.25639461E-12 6.09860094E+03 5.53970916E+01
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     0.48603951E+02 0.38860326E-02-0.24548314E-06 0.39682532E-11 0.40945443E-15
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     0.51907797E-07-0.14269402E-10 0.29605872E+04 0.44767147E+02
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bbzaBrA
     3.22604515E+01 3.25227329E-02-1.13323636E-05 1.78154075E-09-1.04270472E-13
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 -4.66172730E + 03 - 1.39129126E + 02 - 4.78631852E + 00 1.27080419E - 01 - 1.06072877E - 04
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     4.57551016E-08-7.99113323E-12 7.44451305E+03 5.70644586E+01
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bbzaArD
     3.26767371E+01 3.23776648E-02-1.13300048E-05 1.78626095E-09-1.04755030E-13
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 3
     3.59940318E-08-5.87694902E-12 1.35840669E+03 4.21199168E+01
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bbzaArC
     3.14198963E+01 3.26810535E-02-1.12705020E-05 1.76026101E-09-1.02576929E-13
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 -4.11153409E + 03 - 1.32891207E + 02 - 3.55665234E + 00 \quad 1.16230086E - 01 - 8.77654223E - 05 \quad 1.16230086E - 1.06230086E - 1.
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     3.37084952E-08-5.23564316E-12 7.78326711E+03 5.41910876E+01
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bbzqArB
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 -4.11153409E+03-1.32891207E+02-3.55665234E+00 \ 1.16230086E-01-8.77654223E-05
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     3.37084952E-08-5.23564316E-12 7.78326711E+03 5.41910876E+01
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 -0.30197889E + 05 - 0.23812460E + 03 - 0.27723112E + 01 \\ 0.12189330E + 00 - 0.80158228E - 04 \\ -0.30197889E + 05 - 0.23812460E + 03 - 0.27723112E + 01 \\ -0.30197889E + 05 - 0.23812460E + 03 - 0.27723112E + 01 \\ -0.30197889E + 05 - 0.23812460E + 03 - 0.27723112E + 01 \\ -0.30197889E + 00 - 0.80158228E - 04 \\ -0.30197889E + 0.001682848 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.00168284 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001684 + 0.001
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     0.18925707E-07-0.75960532E-12-0.12027512E+05 0.52204906E+02
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                                                                  99 ThERM c 10h 13o
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bbzaDaiC
     3.73197468E+01 3.29715668E-02-1.16020000E-05 1.83593221E-09-1.07946184E-13
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     5.03759924E-08-8.82462112E-12-1.15163295E+04 5.76396456E+01
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bbzqDqjB
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 -2.50457513E + 04 - 1.60833117E + 02 - 3.89885602E + 00 \quad 1.37735854E - 01 - 1.16267565E - 04 - 1.00833117E + 02 - 1.00833117
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     5.03759924E-08-8.82462112E-12-1.15163295E+04 5.76396456E+01
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bbzaDaiA
     3.67274879E+01 3.35260481E-02-1.18049653E-05 1.86885617E-09-1.09914267E-13
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 -2.27165154 \pm +04 -1.57321477 \pm +02 -3.48941013 \pm +00 \quad 1.33899868 \pm -01 -1.10202388 \pm -04
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     4.67337714E-08-8.05969130E-12-9.31536157E+03 5.65236044E+01
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                                                                  99 ThERM c 10h 13o
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     3.73197468E+01 3.29715668E-02-1.16020000E-05 1.83593221E-09-1.07946184E-13
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 -2.50457513E + 04 - 1.60833117E + 02 - 3.89885602E + 00 \quad 1.37735854E - 01 - 1.16267565E - 04 - 1.00833117E + 02 - 1.00833117
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     5.03759924E-08-8.82462112E-12-1.15163295E+04 5.76396456E+01
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     3.72396298E+01 3.28927246E-02-1.15408512E-05 1.82273617E-09-1.07026473E-13
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-2.54411390E + 04 - 1.60052616E + 02 - 3.54323922E + 00 1.37881756E - 01 - 1.17905029E - 04
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     5.17991893E-08-9.17897263E-12-1.21857164E+04 5.56409557E+01
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bbzqCqjA
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      3.66529161E+01 3.34364068E-02-1.17385220E-05 1.85465244E-09-1.08927981E-13
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 -2.30915490E + 04 - 1.56525904E + 02 - 3.22710630E + 00 \\ 1.34881305E - 01 - 1.13417523E - 04 \\ -0.30915490E + 0.00916490E + 0
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      4.92490493E-08-8.66978272E-12-9.98216293E+03 5.48684391E+01
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                                                                   99 ThERM c 10h 13o 4
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      3.73197468E+01 3.29715668E-02-1.16020000E-05 1.83593221E-09-1.07946184E-13
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 -2.50457513\mathtt{E} + 04 - 1.60833117\mathtt{E} + 02 - 3.89885602\mathtt{E} + 00 \quad 1.37735854\mathtt{E} - 01 - 1.16267565\mathtt{E} - 04
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     5.03759924E-08-8.82462112E-12-1.15163295E+04 5.76396456E+01
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                                                                   99 Therm c 10h 13o 4
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      3.72396298E+01 3.28927246E-02-1.15408512E-05 1.82273617E-09-1.07026473E-13
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 -2.54411390E + 04 - 1.60052616E + 02 - 3.54323922E + 00 \\ 1.37881756E - 01 - 1.17905029E - 04 \\ -0.54411390E + 0.00052616E + 0.00052616E + 0.00052616E + 0.00052616E + 0.00052616E \\ -0.54411390E + 0.00052616E + 0.00052616E + 0.00052616E + 0.00052616E \\ -0.54411390E + 0.00052616E + 0.00052616E + 0.00052616E \\ -0.54411390E + 0.00052616E + 0.00052616E + 0.00052616E \\ -0.54411390E + 0.00052616E \\ -0.54411390E + 0.00052616E \\ -0.54411390E + 0.00052616E \\ -0.54411390E + 0.00052616E \\ -0.54411290E + 0.00052616E \\ -0.5441120E + 0.00052616E \\ -0.544120E + 0.00052616E \\ -0.544120E + 0.00052616E
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     5.17991893E-08-9.17897263E-12-1.21857164E+04 5.56409557E+01
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      3.66529161E+01 3.34364068E-02-1.17385220E-05 1.85465244E-09-1.08927981E-13
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 -2.30915490E+04-1.56525904E+02-3.22710630E+00 1.34881305E-01-1.13417523E-04
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      4.92490493E-08-8.66978272E-12-9.98216293E+03 5.48684391E+01
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      3.67274879E+01 3.35260481E-02-1.18049653E-05 1.86885617E-09-1.09914267E-13
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 -2.27165154E+04-1.57321477E+02-3.48941013E+00 1.33899868E-01-1.10202388E-04
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      4.67337714E-08-8.05969130E-12-9.31536157E+03 5.65236044E+01
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      3.66529161E+01 3.34364068E-02-1.17385220E-05 1.85465244E-09-1.08927981E-13
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 -2.30915490E + 04 - 1.56525904E + 02 - 3.22710630E + 00 \\ 1.34881305E - 01 - 1.13417523E - 04 \\ -0.30915490E + 0.00916490E + 0
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      4.92490493E-08-8.66978272E-12-9.98216293E+03 5.48684391E+01
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      3.66529161E+01 3.34364068E-02-1.17385220E-05 1.85465244E-09-1.08927981E-13
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 -2.30915490E + 04 - 1.56525904E + 02 - 3.22710630E + 00 \quad 1.34881305E - 01 - 1.13417523E - 04 - 1.2481305E - 01 - 1.2481305E - 01 - 1.13417523E - 04 - 1.2481305E - 01 - 1.13417523E - 01 - 1.2481305E - 01 - 1.24813
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      4.92490493E-08-8.66978272E-12-9.98216293E+03 5.48684391E+01
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bbzoCqD
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     3.04170624E+02 1.59753829E-01-7.77989714E-05 1.52351149E-08-1.03803728E-12
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 -1.44008926E-05 4.50196441E-09-9.99306829E+04-3.20653847E+03
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bbzoBqD
     3.32203594E+01 3.20804742E-02-1.12652374E-05 1.78018888E-09-1.04568173E-13
                                                                                                                                                                                                                                                                                                                                                                                             2
 -4.26270615E+04-1.43078260E+02-3.53491176E+00 1.22738370E-01-9.88568978E-05
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      4.11083699E-08-6.97356018E-12-3.02793303E+04 5.27289246E+01
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bbzoAqD
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     3.34678308E+01 \quad 3.18186095E-02-1.11628270E-05 \quad 1.76289371E-09-1.03506517E-13
                                                                                                                                                                                                                                                                                                                                                                                             2
 -3.88627053E + 04 - 1.43715988E + 02 - 2.98711536E + 00 \quad 1.22230054E - 01 - 9.90292264E - 05 \quad 1.22230054E - 01 - 9.90292264E - 05 \quad 1.22230054E - 01 - 9.90292264E - 05 \quad 1.22230054E - 01 - 9.90292264E - 01 - 9.9029264E - 01 - 9.90264E - 01
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     4.14257145E-08-7.06013074E-12-2.66697555E+04 5.03079159E+01
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      3.42579373E+01 3.10810453E-02-1.08939677E-05 1.71944686E-09-1.00917661E-13
                                                                                                                                                                                                                                                                                                                                                                                              2
 -1.29900278E + 04 - 1.49888746E + 02 - 4.64180376E + 00 \quad 1.30016034E - 01 - 1.09306832E - 04 - 1.0930683E - 04 - 1.093068E - 04 - 1.09306E - 04 - 1.09306E
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      4.69584248E-08-8.13062352E-12-2.82058740E+02 5.61786177E+01
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bbzoBqC
                                                                        99 ThERM c 10h 12o
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      3.36734804E+01 3.15898633E-02-1.10723623E-05 1.74760322E-09-1.02569998E-13
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 -4.26116369E + 04 - 1.45792573E + 02 - 4.76743980E + 00 \quad 1.28051250E - 01 - 1.05570223E - 04 - 1.28051250E - 01 - 1.28051250E - 01 - 1.05570223E - 04 - 1.28051250E - 01 - 1.28051250E - 01 - 1.05570223E - 01 - 1.28051250E - 01 - 1.05570223E - 01 - 1.28051250E - 01 - 1.05570223E - 01 - 1.055702250E - 01 - 1.05570223E - 01 - 1.055702250E - 01 - 1.055702250E - 01 - 1.05570223E - 01 - 1.055702250E - 01 - 1.055702250E - 01 - 1.055702250E - 01 - 1.055702250E - 01 - 1.05570250E - 01 - 1.0557020E - 01 - 1.0557020E - 01 - 1.0557020E - 01 - 1.0557020E - 01 - 1.05570
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      4.45316371E-08-7.59402941E-12-2.99240412E+04 5.83058545E+01
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bbzoAqC
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      3.33806026E+01 3.16761016E-02-1.10642378E-05 1.74223753E-09-1.02086934E-13
                                                                                                                                                                                                                                                                                                                                                                                             2
 -3.92264996E+04-1.42826031E+02-2.46304489E+00 1.21819085E-01-1.00002241E-04
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     4.24577272E-08-7.32586988E-12-2.73697549E+04 4.74892243E+01
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bbzoDaB
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      3.36726156E+01 3.15259909E-02-1.10345070E-05 1.73992324E-09-1.02047241E-13
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 -1.33627844E + 04 - 1.46053045E + 02 - 2.68620243E + 00 \quad 1.23388659E - 01 - 1.02246011E - 04 - - 1.02246011
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      4.37989670E-08-7.61792966E-12-1.36674405E+03 4.68663270E+01
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bbzoCaB
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      3.35272823E+01 3.17155615E-02-1.11151484E-05 1.75414800E-09-1.02943293E-13
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-4.26373309E+04-1.44609387E+02-4.33502426E+00 1.28416013E-01-1.08313643E-04
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     4.71152301E-08-8.29434144E-12-3.02459913E+04 5.59244546E+01
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bbzoAaB
     3.39473225E+01 3.12721509E-02-1.09433590E-05 1.72540007E-09-1.01192143E-13
                                                                                                                                                                                                                                                                                                                                                  2.
 -3.88495215E + 04 - 1.46562230E + 02 - 4.28671761E + 00 \quad 1.27882526E - 01 - 1.06253311E - 04 - 1.27882526E - 01 - 1.06253311E - 04 - 1.0625311E - 04 - 1.0625511E - 04 - 1.0625511E - 04 - 1.0625511E - 04 
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     4.51440838E-08-7.74018747E-12-2.63056046E+04 5.61859706E+01
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bbzoDqA
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     3.30876745E+01 3.20379866E-02-1.12147834E-05 1.76846890E-09-1.03726547E-13
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 -1.10281184 \pm +04 -1.42562236 \pm +02 -2.23307538 \pm +00 \ 1.19350042 \pm -01 -9.58658986 \pm -05
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    3.99355328E-08-6.79805521E-12 8.27835480E+02 4.55496707E+01
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                                                                99 Therm c 10h 12o 3 0G 300.000 5000.000 1388.000
bbzoCqA
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     3.23768675E+01 3.26306098E-02-1.14160290E-05 1.79949197E-09-1.05515262E-13
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 -4.06811904E + 04 - 1.37391918E + 02 - 2.05769135E + 00 \\ 1.18288570E - 01 - 9.56214578E - 05 \\ 1.18288570E - 01 - 9.5621458E - 00 \\ 1.18288570E - 01 - 9.5621458E - 00 \\ 1.18288570E - 01 - 9.562148E - 00 \\ 1.18288570E - 00 - 9.562148E - 00 - 9.562148E - 00 \\ 1.18288570E - 00 - 9.562148E - 00 - 9.562148E
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     4.05181941E-08-7.04831403E-12-2.91150439E+04 4.59132655E+01
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                                                                99 ThERM c 10h 12o 3
bbzoBqA
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     3.23611140E+01 3.26857545E-02-1.14446936E-05 1.80500228E-09-1.05879021E-13
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 -3.97375501E+04-1.37482665E+02-6.65998176E-01 1.12253443E-01-8.67416618E-05
                                                                                                                                                                                                                                                                                                                                                  3
     3.51235082E-08-5.88315237E-12-2.83889589E+04 3.92427693E+01
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bbzohDrC
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     2.89616045E+01 3.13860028E-02-1.05684490E-05 1.62583700E-09-9.37976226E-14
                                                                                                                                                                                                                                                                                                                                                  2
 -1.21309203E+04-1.23119546E+02-5.66970835E+00 1.14414123E-01-8.60977131E-05
                                                                                                                                                                                                                                                                                                                                                  3
     3.25990800E-08-4.92367334E-12-4.81961655E+02 6.18453183E+01
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bbzohCrD
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     2.92194984E+01 3.23735228E-02-1.11452601E-05 1.73813247E-09-1.01165853E-13
                                                                                                                                                                                                                                                                                                                                                  2
 -1.85345570E + 04 - 1.28255942E + 02 - 3.78697371E + 00 1.14666690E - 01 - 9.09918967E - 05
                                                                                                                                                                                                                                                                                                                                                  3
     3.74502620E-08-6.26920720E-12-7.60302466E+03 4.71488188E+01
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bbzohCrB
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     2.83667165E+01 3.20931153E-02-1.08429774E-05 1.67082144E-09-9.64713801E-14
                                                                                                                                                                                                                                                                                                                                                  2
 -1.23304315E+04-1.19446010E+02-4.94261624E+00 1.13128783E-01-8.62235537E-05
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    3.35119458E-08-5.24087878E-12-1.21085375E+03 5.80940852E+01
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bbzohBrC
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     2.63327875E+01 3.24449184E-02-1.17374113E-05 1.98555802E-09-1.23755305E-13
                                                                                                                                                                                                                                                                                                                                                  2.
     1.18972142E+04-1.05029728E+02-5.70985590E+00 1.13843465E-01-9.24499264E-05
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     3.89125224E-08-6.64168643E-12 2.23577549E+04 6.47187471E+01
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                                                       7/13/99
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bbzohArB
     2.83181157E+01 3.17223082E-02-1.06388494E-05 1.63214024E-09-9.39768846E-14
                                                                                                                                                                                                                                                                                                                                                  2
 -1.01875596E+04-1.18238369E+02-4.34777611E+00 1.08228515E-01-7.79405448E-05
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    2.80187822E-08-3.98042093E-12 9.65972335E+02 5.68453377E+01
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    2.84776089E+01 3.24462572E-02-1.10511628E-05 1.71135092E-09-9.91269570E-14
                                                                                                                                                                                                                                                                                                                                                  2.
 -1.09280253E + 04 - 1.19758733E + 02 - 5.43374476E + 00 \quad 1.18481868E - 01 - 9.57580042E - 05 - 1.18481868E - 1.1848186E - 1.184886E - 1.184886E - 1.184886E - 1.184886E - 1.184886E - 1.184886E - 1.184
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    3.99838837E-08-6.74527711E-12 1.03473911E+02 5.98420307E+01
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                                                       7/99 ThERM c 10h 13o
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     3.30311013E+01 3.40408082E-02-1.18669584E-05 1.86612850E-09-1.09241991E-13
                                                                                                                                                                                                                                                                                                                                                  2
 -3.12136098E + 04 - 1.40145192E + 02 - 4.56302972E + 00 \quad 1.29702810E - 01 - 1.07695326E - 04 - 1.29702810E - 01 - 1.29702810
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    4.64604389E-08-8.14383918E-12-1.88655146E+04 5.91077689E+01
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     3.30311013E+01 3.40408082E-02-1.18669584E-05 1.86612850E-09-1.09241991E-13
 -3.12136098E + 04 - 1.40145192E + 02 - 4.56302972E + 00 \quad 1.29702810E - 01 - 1.07695326E - 04 - 1.0769526E - 04 - 1.0769526E - 04 - 1.07695326E - 04 - 1.0769526E - 04 - 1.076962E - 04 - 1.07662E - 
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     4.64604389E-08-8.14383918E-12-1.88655146E+04 5.91077689E+01
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     3.29364059E+01 3.39225620E-02-1.17808500E-05 1.84785988E-09-1.07979547E-13
                                                                                                                                                                                                                                                                                                                                                  2
 -3.15819175E + 04 - 1.39228613E + 02 - 4.00804466E + 00 1.29104151E - 01 - 1.08364411E - 04
                                                                                                                                                                                                                                                                                                                                                  3
    4.73103694E-08-8.37213499E-12-1.95687320E+04 5.61569241E+01
                                                        7/99 ThERM c 10h 13o
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     3.29364059E+01 3.39225620E-02-1.17808500E-05 1.84785988E-09-1.07979547E-13
                                                                                                                                                                                                                                                                                                                                                  2
 -3.15819175E + 04 - 1.39228613E + 02 - 4.00804466E + 00 \quad 1.29104151E - 01 - 1.08364411E - 04 - 1.08364411
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     4.73103694E-08-8.37213499E-12-1.95687320E+04 5.61569241E+01
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     3.23285489E+01 3.44987580E-02-1.19929976E-05 1.88237898E-09-1.10046608E-13
                                                                                                                                                                                                                                                                                                                                                  2.
 -2.92442159E + 04 - 1.35622946E + 02 - 3.50693341E + 00 \quad 1.24895212E - 01 - 1.01776032E - 04 - 1.01766032E - 04 - 1.01766032E - 04 - 1.0176032E - 04 - 1.01766032E - 04 - 1.0176602E - 04 - 1.0176602E - 04 - 1.0176602E - 04 - 1.0176602E - 0
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4.33597130E-08-7.54161678E-12-1.73825613E+04 5.46091474E+01
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                                           7/99 ThERM c 10h 13o 3
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bbzohBqjA
    3.23285489E+01 3.44987580E-02-1.19929976E-05 1.88237898E-09-1.10046608E-13
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-2.92442159E + 04 - 1.35622946E + 02 - 3.50693341E + 00 \quad 1.24895212E - 01 - 1.01776032E - 04 - 1.0176603E - 04 - 1.0176602E - 04 - 1
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    4.33597130E-08-7.54161678E-12-1.73825613E+04 5.46091474E+01
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                                7/12/99 ThERMc 10h 11o 1
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bbze3ojB
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    2.90523370E+01 2.74093716E-02-9.35266850E-06 1.45119408E-09-8.42075299E-14
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    3.90646596E+03-1.27911635E+02-6.32652451E+00 1.18475473E-01-1.00227313E-04
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    4.29962855E-08-7.37102989E-12 1.52502708E+04 5.89438651E+01
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bbze1ojC
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    2.99116577E+01 2.62545201E-02-8.87069640E-06 1.36803699E-09-7.90685061E-14
                                                                                                                                                                                                                                                                           2
    5.84498598E+03-1.31753020E+02-1.01823067E+01 1.33514918E-01-1.19699450E-04
                                                                                                                                                                                                                                                                           3
    5.34849264E-08-9.41224521E-12 1.82188656E+04 7.84384040E+01
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    2.83699212E+01 2.83475701E-02-9.74832523E-06 1.51990438E-09-8.84729649E-14
                                                                                                                                                                                                                                                                           2
    6.35212179E+03-1.23023597E+02-7.09355624E+00 1.18355254E-01-9.81812632E-05
                                                                                                                                                                                                                                                                           3
    4.13217340E-08-6.96841554E-12 1.78548529E+04 6.47375234E+01
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bbzoA
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    2.75646354E+01 3.12882751E-02-1.06982498E-05 1.66145757E-09-9.64426774E-14
                                                                                                                                                                                                                                                                           2
-2.46934326E+04-1.18156017E+02-3.75160836E+00 1.06773644E-01-8.08484799E-05
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    3.15640514E-08-5.01954417E-12-1.40851567E+04 4.91509602E+01
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                                               6/99 ThERMc 10h 12o
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    2.70030868E+01 3.21461069E-02-1.10730626E-05 1.72776964E-09-1.00607093E-13
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-2.83655077E + 04 - 1.15822609E + 02 - 4.13293443E + 00 1.06674352E - 01 - 8.01004902E - 05
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    3.11875077E-08-4.97808157E-12-1.77223059E+04 5.07796723E+01
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bbzoC
                                               6/99 ThERMc 10h 12o
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    2.76947641E+01 3.08382158E-02-1.04827276E-05 1.62264953E-09-9.40073387E-14
                                                                                                                                                                                                                                                                           2
-2.86908552E + 04 - 1.19276793E + 02 - 3.81766128E + 00 \quad 1.07155655E - 01 - 8.21627714E - 05 \quad 1.07155655E - 1.0715565E - 1.0715665E - 1.0
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   3.26941640E-08-5.32211205E-12-1.80185678E+04 4.90094919E+01
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                                     6/25/99 ThERMc 10h 12o
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bbzoD
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    2.73120493E+01 3.21551542E-02-1.11325655E-05 1.74264104E-09-1.01689924E-13
                                                                                                                                                                                                                                                                           2
    1.33411725E+03-1.18432390E+02-3.76698397E+00 1.07705017E-01-8.27949735E-05
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    3.32644865E-08-5.49513569E-12 1.18810204E+04 4.75184610E+01
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                                     3/13/ 7 THERMC 10h 11o 1
                                                                                                                                        OG 300.000 5000.000 1390.000
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    2.71613488E+01 2.91354761E-02-9.96754951E-06 1.54865806E-09-8.99261089E-14
                                                                                                                                                                                                                                                                           2
-5.73635738E+03-1.13628390E+02-2.98336368E+00 1.01996937E-01-7.78211415E-05
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   3.05058994E-08-4.85834625E-12 4.44407908E+03 4.73306397E+01
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    0.16157705E+02 0.15957262E-01-0.41883004E-05 0.55646732E-09-0.30321902E-13
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    0.72529551E+04-0.73237762E+02-0.39635060E+01 0.66037655E-01-0.44058663E-04
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    0.95476143E-08 0.88439786E-12 0.13193360E+05 0.32383705E+02
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phc4h7o-AB 6/3/99 ThERMc 10h 12o
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                                                                                                                                               OG 300.000 5000.000 1398.000
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    2.77634636E+01 3.19566159E-02-1.10123814E-05 1.71860622E-09-1.00080496E-13
                                                                                                                                                                                                                                                                           2
-1.33020758E + 04 - 1.21940647E + 02 - 1.09331808E + 01 \\ 1.35517455E - 01 - 1.19634458E - 04 \\ -048676E + 0108676E + 0
                                                                                                                                                                                                                                                                           3
   5.41172361E-08-9.77533378E-12-1.17987758E+03 8.12159449E+01
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phc4h7o-AC 6/3/99 ThERMc 10h 12o
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    2.68727413E+01 3.30451034E-02-1.13692767E-05 1.77253264E-09-1.03153111E-13
-1.37466877E + 04 - 1.19258575E + 02 - 1.19381051E + 01 1.34599283E - 01 - 1.15212934E - 04
                                                                                                                                                                                                                                                                           3
   5.06324341E-08-8.92755388E-12-1.38536367E+03 8.52713929E+01
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phc4h7o-AD 6/3/99 ThERMc 10h 12o
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    2.67735806E+01 3.32922438E-02-1.14121606E-05 1.77600856E-09-1.03261952E-13
                                                                                                                                                                                                                                                                           2
-2.40065331E+04-1.23307611E+02-1.49020484E+01 1.39375913E-01-1.16157940E-04
                                                                                                                                                                                                                                                                           3
   4.92331657E-08-8.36915399E-12-1.05018112E+04 9.72649566E+01
phc4h7o-BC 6/3/99 ThERMc 10h 12o
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    2.81822143E+01 3.17762095E-02-1.09869659E-05 1.71831813E-09-1.00207714E-13
                                                                                                                                                                                                                                                                           2.
-1.55975048E + 04 - 1.24549093E + 02 - 1.11353572E + 01 \\ 1.38533982E - 01 - 1.24741027E - 04 \\ 1.385382E - 01 - 1.24741027E - 04 \\ 1.38582E - 01 - 1.247482E - 04 \\ 1.385382E - 01 - 1.247482E - 04 \\ 1.3
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   5.74097944E-08-1.05130529E-11-3.41401160E+03 8.13557978E+01
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phc4h7o-BD 6/3/99 ThERMc 10h 12o
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    2.72571916E+01 3.32325698E-02-1.15453770E-05 1.81144652E-09-1.05875648E-13
                                                                                                                                                                                                                                                                           2.
-1.56401542E + 04 - 1.22098995E + 02 - 1.26166004E + 01 \\ 1.37934000E - 01 - 1.19416147E - 04 \\ 1.37944000E - 01 - 1.19416147E - 04 \\ 1.379440000E - 01 - 1.19416147E - 04 \\ 1.379440000E - 01 - 1.19416147E - 04 \\ 1.379440
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5.30848234E-08-9.46958279E-12-2.92934232E+03 8.79820376E+01
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phc4h7o-CD 6/3/99 ThERMc 10h 12o 1 0G 300.000 5000.000 1398.000
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      2.82572068E+01 3.19374957E-02-1.10935110E-05 1.74034091E-09-1.01711015E-13
                                                                                                                                                                                                                                                                                                                                                                                                     2.
 -1.52270909E + 04 - 1.25367213E + 02 - 1.17147029E + 01 \quad 1.39232101E - 01 - 1.24241424E - 04 \quad 1.39232101E - 01 - 1.24241424E - 01 \quad 1.3924244E - 01 \quad 1.392424E - 01 \quad 1.392424E
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     5.66912774E-08-1.03194439E-11-2.70669779E+03 8.44222263E+01
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                                                      3/ 5/ 8 THERMc 10h 11o 1
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bbzoArB
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      2.71275209E+01 2.92878335E-02-9.95729149E-06 1.54079541E-09-8.92232831E-14
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 3
      2.95583788E-08-4.77739194E-12 4.52143733E+03 3.80998227E+01
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                                                      3/ 5/ 8 THERMC 10h 11o
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      2.71674720E+01 2.85658403E-02-9.66303733E-06 1.49114452E-09-8.62116858E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -1.06051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ 9.59637875E - 02 - 6.72219479E - 05 \\ -050051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ -050051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ -050051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ -050051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ -050051985E + 03 - 1.12055024E + 02 - 2.29294337E + 00 \\ -050051985E + 00 - 2.2929437E + 00 \\ -050051985E + 00 - 2.292945E + 00 - 2.292945E + 00 \\ -050051985E + 00 - 2.292945E + 00 - 2.29294E + 00 - 2
                                                                                                                                                                                                                                                                                                                                                                                                     3
      2.32495316E-08-3.15187736E-12 9.18218950E+03 4.64561835E+01
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                                                      3/ 5/ 8 THERMC 10h 11o 1
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                                                                                                                                                                                                                                                                                                                                                                                                 31
      2.77307027E+01 2.90539950E-02-9.93451275E-06 1.54299115E-09-8.95755645E-14
                                                                                                                                                                                                                                                                                                                                                                                                      2
 3
      2.95616014E-08-4.70510903E-12 2.86856433E+03 3.78999453E+01
                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                      3/ 5/ 8 THERMC 10h 11o
                                                                                                                                                                                     1
                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                             300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                                                                                                                                                 31
      2.78035861E+01 2.92724310E-02-1.00668507E-05 1.56920034E-09-9.13146378E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -7.02234433E+03-1.18059965E+02-4.24892477E+00 1.09697278E-01-8.86087740E-05
                                                                                                                                                                                                                                                                                                                                                                                                      3
      3.69186975E-08-6.23260013E-12 3.53072779E+03 5.20771152E+01
                                                                                                                                                                                                                                                                                                                                                                                                      4
bbzoBrC
                                                      3/ 5/ 8 THERMC 10h 11o
                                                                                                                                                                                     1
                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                             300.000 5000.000 1393.000
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      2.78035861E+01 2.92724310E-02-1.00668507E-05 1.56920034E-09-9.13146378E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2.
 -7.02234433E+03-1.18059965E+02-4.24892477E+00 1.09697278E-01-8.86087740E-05
                                                                                                                                                                                                                                                                                                                                                                                                     3
      3.69186975E-08-6.23260013E-12 3.53072779E+03 5.20771152E+01
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                                                      3/ 5/ 8 THERMC 10h 11o
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                                                                                                                                                                                                                                            300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                                                 31
bbzoBrD
      2.69914481E+01 3.01992500E-02-1.04359777E-05 1.63172923E-09-9.51468482E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -1.07032218E + 04 - 1.14690142E + 02 - 1.92355476E + 00 \quad 9.93037335E - 02 - 7.45081539E - 05 - 1.07032218E + 04 - 1.0703218E + 04 - 1.07032
                                                                                                                                                                                                                                                                                                                                                                                                     3
     2.90868467E-08-4.67049841E-12-7.86301828E+02 4.01030977E+01
                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                      3/ 5/ 8 THERMC 10h 11o 1
                                                                                                                                                                                                      OG 300.000 5000.000 1389.000
bbzoCrA
                                                                                                                                                                                                                                                                                                                                                                                                 41
     2.61954466E+01 \quad 3.08243833E-02-1.07338513E-05 \quad 1.68675459E-09-9.86948325E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -2.89659689E + 03 - 1.07193892E + 02 - 4.31196236E + 00 1.03866701E - 01 - 7.88348384E - 05
                                                                                                                                                                                                                                                                                                                                                                                                     3
     3.11398293E-08-5.06578980E-12 7.57818322E+03 5.61191396E+01
                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                      3/ 5/ 8 THERMC 10h 11o 1 0G 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                 31
bbzoCrB
     2.74763258E+01 \ 2.99996223E-02-1.04142719E-05 \ 1.63327064E-09-9.54366848E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -6.63505766\mathtt{E} + 03 - 1.16257195\mathtt{E} + 02 - 5.35913574\mathtt{E} + 00 \quad 1.12216376\mathtt{E} - 01 - 9.09362477\mathtt{E} - 05 - 1.09362477\mathtt{E} - 0.09362477\mathtt{E} - 0.09362475\mathtt{E} - 0.093624545\mathtt{E} - 0.093624545\mathtt{E} - 0.093624545\mathtt{E} - 0.09364545\mathtt{E} - 0.09364545\mathtt{E} - 0.09364545545\mathtt{E} - 0.093645545545
                                                                                                                                                                                                                                                                                                                                                                                                     3
     3.81492938E-08-6.50843036E-12 4.24110764E+03 5.81775158E+01
                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                                                                                                                                                                        OG 300.000 5000.000 1388.000
bbzoCrD
                                                 3/ 5/ 8 THERMC 10h 11o 1
                                                                                                                                                                                                                                                                                                                                                                                                 2.1
     2.58019471E+01 \quad 3.16459976E-02-1.09375052E-05 \quad 1.71026117E-09-9.97291859E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2.
 -1.11778507E + 04 - 1.08184483E + 02 - 2.69835730E + 00 \\ 9.79814554E - 02 - 7.04795156E - 05 \\ -05 - 1.08184483E + 02 - 1.08184484E + 02 - 1.0818444E + 02 - 1.0818444E + 02 - 1.0818444E + 02 - 1.081844E + 0
                                                                                                                                                                                                                                                                                                                                                                                                     3
     2.63353960E-08-4.06345875E-12-1.21141408E+03 4.50427608E+01
                                                                                                                                                                                                                                                                                                                                                                                                     4
bbzoDrA
                                                      3/ 5/ 8 THERMC 10h 11o
                                                                                                                                                                                   1
                                                                                                                                                                                                            OG 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                 31
      2.69825346E+01 3.02990870E-02-1.04886310E-05 1.64167111E-09-9.57899953E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -2.16893026E + 03 - 1.15105971E + 02 - 3.43458327E + 00 \quad 1.06711118E - 01 - 8.60117704E - 05 \quad 1.06711118E - 1.067111118E - 1.06711118E - 1.06711118E - 1.06711118E - 1.067111118E - 1.067111118E - 1.067111118E - 1.067111118E - 1.067111118E - 1.067111118E - 1.06711118E - 1.067111118E - 1.0671111118E - 1.0671111118E - 1.067111118E - 1.067111118E - 1.0671111118E - 1.0671111118E - 1.067111118E - 1.0671111118E -
                                                                                                                                                                                                                                                                                                                                                                                                     3
     3.63600071E-08-6.28926580E-12 7.92828537E+03 4.64709175E+01
                                                                                                                                                                                                                                                                                                                                                                                                     4
                                                      3/ 5/ 8 THERMC 10h 11o
                                                                                                                                                                                   1
                                                                                                                                                                                                                 0G
                                                                                                                                                                                                                                            300.000 5000.000 1386.000
                                                                                                                                                                                                                                                                                                                                                                                                 31
      2.75234254E+01 2.87179720E-02-9.72128806E-06 1.50077437E-09-8.67921546E-14
 -3.75433505E + 03 - 1.17202927E + 02 - 3.11331581E + 00 \quad 1.01798293E - 01 - 7.62747889E - 05 - 1.01798293E - 1.01798295E - 1.
                                                                                                                                                                                                                                                                                                                                                                                                     3
     2.90399294E-08-4.45684568E-12 6.64476539E+03 4.66544830E+01
                                                                                                                                                                                                                                                                                                                                                                                                      4
                                                      3/ 5/ 8 THERMC 10h 11o 1
                                                                                                                                                                                                                                                                                                                                                                                                 21
bbzoDrC
                                                                                                                                                                                                                   0G
                                                                                                                                                                                                                                            300.000 5000.000 1395.000
      2.82121640E+01 2.95594236E-02-1.02074110E-05 1.59509692E-09-9.29709830E-14
                                                                                                                                                                                                                                                                                                                                                                                                     2
 -5.89720245E+03-1.23898366E+02-4.33429988E+00 1.14322528E-01-9.70067680E-05
                                                                                                                                                                                                                                                                                                                                                                                                     3
     4.27135297E-08-7.59464582E-12 4.57151548E+03 4.78656053E+01
 1
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## ! Naphtenes : Cyclohexane and derivates

cyc6h12 c 6h 120 00 0G 300.00 5000.00 1000.00 1 0.12205880E+02 0.38627610E-01-0.15332710E-04 0.28281620E-08-0.19595770E-12 2

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-0.22234460E+05-0.49516510E+02 0.58143660E+00 0.26619460E-01 0.94029460E-04
                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.13926450E-06 0.56167110E-10-0.16809450E+05 0.21382790E+02
                                                                                                                                                                                                                                                                                                                                                                                  4
 cyc6h11
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                                                                                                                                                                                                                                300.00
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                                                                                                                C
     2.
     0.19723910E + 04 - 0.44623210E + 02 - 0.68057580E + 00 \quad 0.34365240E - 01 \quad 0.68779930E - 04 \quad 0.68779930E - 0.687799930E - 0.68779930E - 0.687799930E - 0.687799990E - 0.687799990E - 0.68779990E - 0.68779990E - 0.6877990E - 0.68779990E - 0.6877990E - 0.6877990E - 0.6877990E - 0.6877990E - 0.6877990E - 0.687790E - 0.68
                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.11316470E-06 0.46884340E-10 0.73025330E+04 0.29643140E+02
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                                                                         5000.00 1000.00
                                                                                                               c 6h 100 00 0G
 cyc6h10
                                                                                                                                                                                                                                300.00
                                                                                                                                                                                                                                                                                                                                                                                  1
     0.12127550E + 02 \quad 0.31138130E - 01 - 0.11908080E - 04 \quad 0.21594810E - 08 - 0.14827150E - 128080E - 010080E - 0100
                                                                                                                                                                                                                                                                                                                                                                                  2
 -0.70193130E + 04 - 0.44330720E + 02 - 0.65729920E + 01 \\ 0.77191640E - 01 - 0.42894120E - 04 \\ -0.70193130E + 04 - 0.42894120E - 04 \\ -0.701931640E - 04 - 0.42894120E - 04 \\ -0.701940E - 04 -
                                                                                                                                                                                                                                                                                                                                                                                  3
 -0.23506380E-08 0.79949080E-11-0.15179460E+04 0.53755130E+02
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                   7/ 6/ 7 TABULC 6h 100 1 0G 300.000 5000.000 1365.000
 chxone
                                                                                                                                                                                                                                                                                                                                                                             01
     2.01409395E+01 2.57209053E-02-9.15700344E-06 1.46033929E-09-8.63280581E-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -3.90638994E + 04 - 9.21920793E + 01 - 5.98853936E + 00 \quad 7.52996046E - 02 - 3.92750855E - 05 - 3.9275085E - 05 - 3.92750855E - 05 - 3.9275085E -
                                                                                                                                                                                                                                                                                                                                                                                 3
     6.51347911E-09 4.09099765E-13-2.89073398E+04 5.21038569E+01
                                                                                                                                                                                                                                                                                                                                                                                  4
                                              7/ 6/ 7 THERGC 6h 9o 1
                                                                                                                                                                                           0G
                                                                                                                                                                                                                                300.000 5000.000 1364.000
                                                                                                                                                                                                                                                                                                                                                                             01
     1.98908674E+01 2.34334138E-02-8.37932221E-06 1.34019256E-09-7.93844189E-14
                                                                                                                                                                                                                                                                                                                                                                                  2
 -1.84840669E+04-8.91580154E+01-5.77105040E+00 7.39263584E-02-4.20232218E-05
                                                                                                                                                                                                                                                                                                                                                                                  3
     9.31360769E-09-3.25017007E-13-8.66055028E+03 5.19668439E+01
                                                                                                                                                                                                                                                                                                                                                                                  4
Cchxone
                                                   7/ 6/ 7 THERGC 6h 90
                                                                                                                                                                            1
                                                                                                                                                                                                0G
                                                                                                                                                                                                                                300.000 5000.000 1366.000
                                                                                                                                                                                                                                                                                                                                                                             01
     2.01006249E+01 2.32378761E-02-8.30777911E-06 1.32857931E-09-7.86895546E-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 3
     1.12086978E-08-7.47338822E-13-5.45460164E+03 5.23168219E+01
                                                                                                                                                                                                                                                                                                                                                                                  4
Dchxone
                                                   7/ 6/ 7 THERGC 6h
                                                                                                                                                   90
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     2.01006249E+01 2.32378761E-02-8.30777911E-06 1.32857931E-09-7.86895546E-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -1.48874363E+04-9.02146381E+01-5.89294288E+00 7.55823050E-02-4.49454442E-05
                                                                                                                                                                                                                                                                                                                                                                                 3
     1.12086978E-08-7.47338822E-13-5.05198463E+03 5.23168219E+01
                                                                                                                                                                                                                                                                                                                                                                                 4
                                                   7/12/ 7 THERMC 6h
                                                                                                                                                   80
                                                                                                                                                                           1
                                                                                                                                                                                                0G
                                                                                                                                                                                                                                300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                             01
 chxe2oA
     1.64738671E+01 2.24168067E-02-7.71546903E-06 1.20316552E-09-7.00293157E-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -2.30669479E + 04 - 6.40702200E + 01 - 3.28988705E + 00 \\ 6.70923487E - 02 - 4.58413121E - 05 \\ -0.30669479E + 0.0069479E + 0.0069479
                                                                                                                                                                                                                                                                                                                                                                                 3
     1.58423330E-08-2.20960812E-12-1.60652763E+04 4.25853946E+01
                                                                                                                                                                                                                                                                                                                                                                                 4
                                                   1/22/ 8 THERMc 6h 8o 1
                                                                                                                                                                                                OG 300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                                                                                                             01
chxe3oA
     2.
 3
     1.82788484E-08-2.71432818E-12-1.55774108E+04 4.27046358E+01
                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                 OG 300.000 5000.000 1385.000
                                               7/12/ 7 THERMC 6h 7o
                                                                                                                                                                           1
                                                                                                                                                                                                                                                                                                                                                                             01
Dchxe2oA
     1.64620244 \pm +01 \ \ 2.03223898 \pm -02 -7.09138778 \pm -06 \ \ 1.11601952 \pm -09 -6.53713052 \pm -14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -6.18497335E+03-6.54615889E+01-3.47263883E+00 6.47073687E-02-4.41084668E-05
                                                                                                                                                                                                                                                                                                                                                                                 3
    1.48780039E-08-1.99321925E-12 9.41297289E+02 4.23513315E+01
                                                                                                                                                                                                                                                                                                                                                                                 4
                                                   4/25/ 6 thermc 6h 11o
                                                                                                                                                                                                      OG 300.000 5000.000 1379.000
                                                                                                                                                                           2
                                                                                                                                                                                                                                                                                                                                                                             2.1
     2.23723502 e + 01 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.06767646 e - 14 \ 2.76799389 e - 02 - 9.74217376 e - 06 \ 1.54194767 e - 09 - 9.067676 e - 09 - 9.067676 e - 09 \ 1.5419476 e - 09 - 9.067676 e - 
                                                                                                                                                                                                                                                                                                                                                                                 2.
 3
    1.27483629e-08-9.18573704e-13-1.23181790e+04 5.07734668e+01
                                                                                                                                                                                                                                                                                                                                                                                 4
                                                   4/25/ 6 thermc
                                                                                                                            6h 11o
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                                                                                                                                                                                                      0G
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     2.08646979e+01 2.96341739e-02-1.07902024e-05 1.75531891e-09-1.05423919e-13
                                                                                                                                                                                                                                                                                                                                                                                 2
 -1.46988749e + 04 - 8.61399090e + 01 - 5.91891989e + 008.90964037e - 02 - 5.70299093e - 05891989e + 01991989e + 019919896e + 01991989e + 019919896e + 01991989e + 019919896e + 019919896e + 019919896e + 019919896e + 01991986e + 01991966e + 019919
                                                                                                                                                                                                                                                                                                                                                                                 3
    1.65056839e - 08 - 1.68121138e - 12 - 5.68907646e + 03 5.79514171e + 01
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                   3/17/ 6 thermc
                                                                                                                                  6h 10o
                                                                                                                                                                                                        OG 300.000 5000.000 1414.000
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                                                                                                                                                                            1
     1.70432456e+01 2.65572035e-02-9.13811564e-06 1.42504394e-09-8.29535921e-14
 -1.46768181e + 04 - 8.14912637e + 01 - 1.38437418e + 019.93621377e - 02 - 7.31516433e - 059.93621377e - 02 - 7.31516433e - 059.93621376e - 02 - 7.31516433e - 02 - 7.31516434e - 02 - 7.31646e - 02 - 7.31666e - 02 - 7.31666e - 02 - 7.31666e - 02 - 7.3166e - 
                                                                                                                                                                                                                                                                                                                                                                                  3
     2.62404937e - 08 - 3.64205396e - 12 - 4.23721033e + 03 8.37877733e + 01
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                   4/25/ 6 thermc
                                                                                                                                  6h 11o
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                                                                                                                                                                                                         0G
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chxaAaiC
     2.81643825e+01 2.70787755e-02-9.55221198e-06 1.51423647e-09-8.91457979e-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -3.68750235e+04-1.23417034e+02-3.28956238e+00 9.63507262e-02-6.55056629e-05
                                                                                                                                                                                                                                                                                                                                                                                 3
     2.09993056e-08-2.51428587e-12-2.56520552e+04 4.68029573e+01
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                   4/25/ 6 thermc
                                                                                                                                  6h 10o
                                                                                                                                                                                3
                                                                                                                                                                                                         0G
                                                                                                                                                                                                                                300.000 5000.000 1375.000
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     2.52486424e+01 2.51552832e-02-8.95050866e-06 1.42688704e-09-8.43298127e-14
                                                                                                                                                                                                                                                                                                                                                                                 2
 -5.37591287e + 04 - 1.10749938e + 02 - 3.64313819e + 00
8.69242507e - 02 - 5.71262338e - 05
                                                                                                                                                                                                                                                                                                                                                                                 3
    1.75279949e-08-1.99081312e-12-4.31920585e+04 4.63883591e+01
                                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                  6h 11o
chxqAqCrE 4/24/ 6 thermc
                                                                                                                                                                            4
                                                                                                                                                                                                       0G
                                                                                                                                                                                                                                300.000 5000.000 1382.000
                                                                                                                                                                                                                                                                                                                                                                             51
     2.98556800e+01 2.53932414e-02-9.01194962e-06 1.43437601e-09-8.46824672e-14
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 3
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1.93409599e-08-2.03740537e-12-1.93630522e+04 4.42454223e+01
                                                                                                                                                                                                                                                                                                                                                                  4
                                          5/17/ 6 thermc 6h 9o
                                                                                                                                                                                             0G
                                                                                                                                                                                                               300.000 5000.000 1375.000
                                                                                                                                                                   2.
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     2.16986711e+01 2.38614849e-02-8.48934175e-06 1.35326438e-09-7.99739026e-14
                                                                                                                                                                                                                                                                                                                                                                  2.
-3.40283733e + 04 - 9.44180650e + 01 - 5.30175565e + 00 8.18700956e - 02 - 5.43213955e - 05
                                                                                                                                                                                                                                                                                                                                                                  3
    1.70978267e - 08 - 2.04939471e - 12 - 2.41575982e + 04 5.23731039e + 01
                                                                                                                                                                                                                                                                                                                                                                  4
                                                                                                                                                                                                                       300.000 5000.000 1382.000
                                                 4/25/ 6 thermc
                                                                                                                            6h 9o
Fc6oAoC
                                                                                                                                                                   2
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     2.09345242e+01 2.22272474e-02-7.78804733e-06 1.22881339e-09-7.21004849e-14
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-2.98969519e+04-7.79763209e+01 1.34059685e+00 6.61325844e-02-4.57453535e-05
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    1.64609501 \\ e-08-2.48269478 \\ e-12-2.28102712 \\ e+04 \ 2.80801305 \\ e+01
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                                                 4/25/ 6 thermc 6h
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     2.19565890e+01 2.06270189e-02-7.08584744e-06 1.10445464e-09-6.42897368e-14
                                                                                                                                                                                                                                                                                                                                                                  2
-3.20609587e + 04 - 8.23094000e + 01 \quad 3.37016319e + 00 \quad 6.21004146e - 02 - 4.23516457e - 05 \quad 6.21004146e - 02 - 4.23516466e - 02 - 4.2351666e - 02 - 4.2351666e - 02 - 4.235166e - 02 - 4.235166e - 02 - 4.23516e - 02 - 4.
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    1.48216677e-08-2.14166376e-12-2.53667477e+04 1.82811880e+01
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                                           4/25/ 6 thermc 6h 10o 3
c6e5oAqC
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     2.43363645e+01 2.32619903e-02-7.97983925e-06 1.24156802e-09-7.21484288e-14
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 -3.80969918e+04-9.26650503e+01 2.80177520e+00 7.56142504e-02-5.75289633e-05
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     2.29396690e-08-3.76226059e-12-3.08024190e+04 2.22988631e+01
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c6e5oAojC 4/25/ 6 thermc
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     2.09931688e+01 2.15884936e-02-7.34654380e-06 1.13709905e-09-6.58449106e-14
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-1.84307845e + 04 - 7.74585397e + 01 1.07403306e + 00 7.07521573e - 02 - 5.47576225e - 05
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     2.23263287e-08-3.74166745e-12-1.17552653e+04 2.86231400e+01
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    1.77941790E+01 2.26156567E-02-7.78874031E-06 1.21464807E-09-7.06858222E-14
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-4.36440894E+03-6.19278418E+01 1.03319911E+00 6.28779629E-02-4.63111058E-05
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    1.86665103E-08-3.18974731E-12 1.47331193E+03 2.79101393E+01
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    1.90412958E+01 2.30050599E-02-7.78788634E-06 1.20152256E-09-6.94292715E-14
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-2.38992530E + 04 - 7.04316129E + 01 \quad 1.02313160E + 00 \quad 6.32658964E - 02 - 4.18421805E - 05 \quad 6.32658964E - 02 - 4.18421805E - 05 \quad 6.32658964E - 02 - 4.18421805E - 05 \quad 6.32658964E - 00 - 4.18421805E - 00 \quad 6.32668964E - 00 \quad 6.32668964
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   1.42392074E-08-1.98692545E-12-1.74398700E+04 2.70205947E+01
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-4.95814253E + 03 - 6.68115048E + 01 \quad 1.79916384E + 00 \quad 5.84418184E - 02 - 3.87174054E - 05 \quad 1.79916384E + 00 \quad 1.7991644E + 00 \quad 1.7991644E + 00 \quad 1.799164E + 00 \quad 1.799164E
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    1.31026351E-08-1.80562030E-12 1.08843409E+03 2.44718355E+01
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-2.53801504 e + 03 - 6.91579149 e + 01 - 3.20626235 e - 02 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.486244436 e - 02 - 4.61011686 e - 05 \\ \ 6.486244436 e - 02 - 4.61011686 e - 05 \\ \ 6.486244436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.48624436 e - 02 - 4.61011686 e - 05 \\ \ 6.486244436 e - 02 - 4.61011686 e - 02 \\ \ 6.486244436 e - 02 - 4.61011686 e - 02 \\ \ 6.486244436 e - 02 - 4.61011686 e - 02 \\ \ 6
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   1.73220569e-08-2.74331879e-12 4.16933620e+03 3.21364174e+01
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   2.
-6.16157572E + 03 - 7.00183773E + 01 \quad 5.31389846E - 01 \quad 6.62511714E - 02 - 4.98670273E - 05 \quad 6.6251174E - 02 - 4.98670273E - 05 \quad 6.6251174E - 02 - 4.98670273E - 05 \quad 6.6251174E - 02 - 4.98670274E - 05 \quad 6.6251174E - 02 - 4.98670274E - 05 \quad 6.6251174E - 02 - 4.98670274E - 05 \quad 6.6251174E - 05 \quad 6.6251174E - 05 \quad 6.6251174E - 05 \quad 6.6251174E - 05 \quad 6.625114E - 05 \quad
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   1.98908093E-08-3.28937382E-12 1.73405398E+02 2.92114067E+01
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                                                7/16/ 7 THERMC 6h
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chxoqiB
     2.18235167E+01 2.56616429E-02-8.95975046E-06 1.41033097E-09-8.26132434E-14
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-3.22602094E + 04 - 8.83245153E + 01 - 3.15851706E + 00 \\ 8.71011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 05 \\ -058648 + 01011955E - 02 - 6.87613885E - 02 - 6.87614885E - 02 - 6.8761485E - 02 - 6.8761485E - 02 
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    2.87167486E-08-4.96051992E-12-2.37756626E+04 4.49497736E+01
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DchxoqB
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     2.39729354E+01 2.28467144E-02-7.88095416E-06 1.23203014E-09-7.18708768E-14
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    2.60092142E-08-4.05656612E-12-1.86211610E+04 4.75102879E+01
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chxoqBqjD 7/16/ 7 THERMC
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     2.89000837E+01 2.45856350E-02-9.20914362E-06 1.50507849E-09-8.99988833E-14
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-4.73375682E+04-1.21664520E+02-9.75804263E-01 9.65244107E-02-7.64227176E-05
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     3.05177822E-08-4.95720951E-12-3.71616178E+04 3.80558046E+01
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chxoAoBqD 7/16/ 7 THERMc
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     2.37445708E+01 2.37581442E-02-8.33883258E-06 1.31727730E-09-7.73562152E-14
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-6.11207104E+04-9.41106587E+01 3.33525963E-01 7.76855722E-02-5.62998963E-05
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     2.10366251E-08-3.24821093E-12-5.28533836E+04 3.19964470E+01
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chxoAoBojD 7/16/ 7 THERMC
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     2.04114995E+01 2.11392498E-02-7.18458009E-06 1.11213599E-09-6.44361183E-14
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-4.13288414E + 04 - 7.80755306E + 01 - 7.80081717E - 01 \quad 6.93584850E - 02 - 4.83591844E - 05 \quad 6.93584850E - 02 - 4.83591844E - 02 \quad 6.93584860E - 02 - 4.83584860E - 02 - 4.835860E - 02 - 4.835860E - 
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     1.68045056E-08-2.31969493E-12-3.38994378E+04 3.60980151E+01
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7/10/ 7 THERMC
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c6e5oAoB
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    2.02823179E+01 1.98840364E-02-6.72940195E-06 1.03860888E-09-6.00494085E-14
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-3.43595857E + 04 - 7.47448330E + 01 1.11200047E + 00 6.50235386E - 02 - 4.75020525E - 05
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    1.78908046E-08-2.75262547E-12-2.77529740E+04 2.80630682E+01
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c6e5oyAoB 7/10/ 7 THERMC 6h 7o 2
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    1.97791933E+01 \ 1.79052395E-02-6.07573469E-06 \ 9.39399911E-10-5.43813378E-14
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-1.53672616E + 04 - 7.03609118E + 01 \quad 1.89809862E + 00 \quad 6.02047539E - 02 - 4.44954007E - 05 \quad 6.02047539E - 02 - 4.44954007E - 02 \quad 6.02047539E - 02 \quad 6.0204759E - 02 \quad 
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    1.69159297E-08-2.62278003E-12-9.22715801E+03 2.54593026E+01
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Fc6oAoDoE 7/16/ 7 THERMC 6h 7o 3 OG
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     2.16746287E+01 1.95197237E-02-6.86394268E-06 1.08559381E-09-6.38027709E-14
                                                                                                                                                                                                                                                                                                                                                                                                         2
-4.28217557E + 04 - 7.77055725E + 01 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 05 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 00 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 00 \quad 4.45428478E + 00 \quad 5.75707306E - 02 - 3.92835563E - 00 \quad 4.45428478E + 00 \quad 5.75707306E - 00 \quad 4.45428478E + 00 \quad 4.45428478
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    1.39389931E-08-2.08471466E-12-3.65205798E+04 1.57267486E+01
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Fc6oAoCoD 7/16/ 7 THERMC 6h 7o 3 OG
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     2.03384720E+01 2.05644976E-02-7.20383342E-06 1.13646861E-09-6.66754866E-14
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 -3.85177798E+04-6.83374662E+01 2.77679474E+00 5.87843089E-02-3.87729241E-05
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     1.30374827E-08-1.81459068E-12-3.20611285E+04 2.71066123E+01
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Ac6e3e5oB 1/28/ 8 THERMc 6h 7o 1
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     1.82512010E+01 1.82389910E-02-6.24175498E-06 9.69260995E-10-5.62383136E-14
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     4.55626662E+03-6.79199728E+01-1.50621662E+00 7.41455494E-02-6.86556153E-05
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     3.29106507E-08-6.25875231E-12 1.05113127E+04 3.48448269E+01
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chxoAoD
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    1.85413375E+01 2.26700985E-02-7.69614236E-06 1.18996880E-09-6.88769651E-14
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 -5.09584783E+04-7.28728275E+01 1.33400136E+00 6.10144321E-02-4.05803367E-05
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    1.42597693E-08-2.11766124E-12-4.47158824E+04 2.03387315E+01
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BchxoAoD
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-0.23248880E + 01 0.55698313E - 01 - 0.23942686E - 04 0.45061199E - 08 - 0.31192125E - 12
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-0.22894023E+05 0.44384457E+02-0.33453507E+01 0.73685326E-01-0.52156713E-04
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    0.15648114E-07-0.29946651E-12-0.24250383E+05 0.43836452E+02
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chxe2oAoD 1/11/ 8 THERMc 6h 6o
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    1.93384819E+01 1.79612008E-02-6.29204269E-06 9.92582923E-10-5.82302729E-14
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-4.30663181E + 04 - 8.99422860E + 01 8.35232757E - 01 6.63079555E - 02 - 5.71737769E - 05
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    2.61905962E-08-4.89591724E-12-3.69981999E+04 7.87649710E+00
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c6eloCoyF 1/11/ 8 THERMc 6h
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                                                                                                                                                                                                                                                                                                                                                                                                    41
                                                                                                                                                                                      2
    1.90887192E + 01 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.89728030E - 02 - 6.62944641E - 06 \quad 1.04400580E - 09 - 6.11728695E - 14 \quad 1.04400580E - 10 \quad 1.04400580E - 10 \quad 1.04400580E - 10 \quad 1.04400E - 10 \quad 1.0440
                                                                                                                                                                                                                                                                                                                                                                                                         2
3
    1.62562625\mathtt{E} - 08 - 2.77280792\mathtt{E} - 12 - 1.47312189\mathtt{E} + 04\ 1.70585776\mathtt{E} + 01
                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                                                              OG 300.000 5000.000 1386.000
Echxe2oAoD 1/11/ 8 THERMc 6h 5o
                                                                                                                                                                                      2.
                                                                                                                                                                                                                                                                                                                                                                                                    01
    1.92117334E+01 1.55992165E-02-5.49576527E-06 8.70306046E-10-5.11949245E-14
                                                                                                                                                                                                                                                                                                                                                                                                         2.
-2.15629486E + 04 - 8.89869770E + 01 \quad 1.21445215E + 00 \quad 6.24343546E - 02 - 5.43201345E - 05 \quad 6.24343546E - 02 - 5.43201345E - 02 - 5.432015E - 02 - 5.432015E - 02 - 5.432005E - 02 - 5.432
                                                                                                                                                                                                                                                                                                                                                                                                         3
    2.47561348E - 08 - 4.58221340E - 12 - 1.56732454E + 04 \quad 6.17219538E + 00
                                                                                                                                                                                                                                                                                                                                                                                                         4
c6e2e5oyAoD 1/11/8 THERMC 6h 5o
                                                                                                                                                                                      2
                                                                                                                                                                                                              OG 300.000 5000.000 1395.000
                                                                                                                                                                                                                                                                                                                                                                                                    21
    1.92055663E+01 \ 1.44370788E-02-5.02195752E-06 \ 7.88550862E-10-4.61127848E-14
                                                                                                                                                                                                                                                                                                                                                                                                         2
-1.41670478E+04-7.06791701E+01 7.67365025E-01 6.60681318E-02-6.22040361E-05
                                                                                                                                                                                                                                                                                                                                                                                                         3
    2.99165087E-08-5.69252514E-12-8.55038432E+03 2.54267681E+01
                                                                                                                                                                                                                                                                                                                                                                                                         4
ch2coch2hco 4/25/6 thermc 4h 5o
                                                                                                                                                                                        2
                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                              300.000 5000.000 1380.000
                                                                                                                                                                                                                                                                                                                                                                                                    31
    1.65293411e+01 1.16224931e-02-4.15199276e-06 6.63671689e-10-3.92958990e-14
                                                                                                                                                                                                                                                                                                                                                                                                         2
-2.56430261e+04-5.92508220e+01 4.74484919e-01 4.88653336e-02-3.69861529e-05
                                                                                                                                                                                                                                                                                                                                                                                                         3
    1.37866162e-08-2.05188541e-12-2.00702577e+04 2.70215377e+01
                                                                                                                                                                                                              0G
                                                                                                                      C
                                                                                                                                        7h 140
                                                                                                                                                                                            00
                                                                                                                                                                                                                                      300.00
                                                                                                                                                                                                                                                                                           5000.00 1000.00
    -0.27297383E + 05 - 0.68263153E + 02 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 04 - 0.27297383E + 05 - 0.68263153E + 00 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 04 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 04 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 04 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 04 - 0.71397581E + 01 \quad 0.92018709E - 01 - 0.48060268E - 0.00018709E - 0.0000
    0.60013181E-08 0.18810118E-11-0.19687607E+05 0.56093052E+02
                                                                                                                                        7h 130
                                                                                                                                                                                             00
                                                                                                                                                                                                                     0G
                                                                                                                                                                                                                                              300.00
                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                         1
                                                                                                                      C
     0.18745102E+02 0.33536091E-01-0.11020515E-04 0.17194531E-08-0.10450044E-12
-0.37036836E + 04 - 0.80747528E + 02 - 0.81781883E + 01 \\ 0.10220902E + 00 - 0.78910591E - 04 \\ 0.10220902E + 0.000202E + 0.0002E + 0.000202E + 0.0002E + 0.00
    0.35515544E-07-0.77645286E-11 0.45961499E+04 0.61153717E+02
                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                          7h 130
                                                                                                                                                                                            0.0
                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                              300.00
                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                         1
                                                                                                                      C
    0.18226725E + 02 \quad 0.34001533E - 01 - 0.11181301E - 04 \quad 0.17445535E - 08 - 0.10598131E - 12 - 0.10598131E - 12 - 0.10598131E - 0.1059812E - 0.1
                                                                                                                                                                                                                                                                                                                                                                                                         2.
-0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ 0.95285006E - 01 - 0.66128981E - 04 \\ -0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ -0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ -0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ -0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ -0.39044473E + 04 - 0.78063835E + 02 - 0.71604896E + 01 \\ -0.39044473E + 0.00064896E + 0.00064866E + 0.00064866E + 0.0006486E + 0.00064866E + 0.0006486E + 0.0006486E + 0.0006486E + 0.0006486
                                                                                                                                                                                                                                                                                                                                                                                                         3
    0.25637000E-07-0.49542501E-11 0.41534663E+04 0.56743114E+02
                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                           7h 120
                                                                                                                                                                                           00
                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                      300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                         1
mche1
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0.15060380E + 02 0.37898161E - 01 - 0.14183903E - 04 0.24215905E - 08 - 0.15644849E - 12
                                                                                                                                                                                                2
-0.12677504E+05-0.61389572E+02-0.86833000E+01 0.93946613E-01-0.55592787E-04
                                                                                                                                                                                                3
  0.98556558E-08 0.14778843E-11-0.53404697E+04 0.64395348E+02
                                                                                                                                                                                                4
                                                                    7h 110
                                                                                           0.0
                                                                                                       0G
                                                                                                                     300.00
                                                                                                                                          5000.00 1000.00
                                                                                                                                                                                                1
Amche1
                                                          C
   0.17404659E+02 0.30097608E-01-0.99560420E-05 0.15607695E-08-0.95174194E-13
                                                                                                                                                                                                2
   0.16020061E + 05 - 0.72429604E + 02 - 0.91077747E + 01 \quad 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 05 - 0.98172247E - 01 - 0.73716918E - 04 + 0.98172247E - 01 - 0.73716918E - 04 + 0.98172247E - 0.9817247E - 0.98172247E - 0.98172247E - 0.98172247E - 0.9817247E - 0.9817247E - 0.9817247E - 0.9817247E - 0.9817247E - 0.98172247E - 0.98172247E - 0.9817247E 
                                                                                                                                                                                                3
   0.28454494E-07-0.47959102E-11 0.23965514E+05 0.66728203E+02
                                                                                                                                                                                                4
                                                                                                                     300.000 5000.000 1378.000
                           3/20/ 7 THERMC
                                                                   7h 11
Cmche1
                                                                                           Ω
                                                                                                       0G
                                                                                                                                                                                              01
   2.08937558E+01 2.74310713E-02-9.70142706E-06 1.54045801E-09-9.07925700E-14
                                                                                                                                                                                                2
   1.15029026E+03-9.71642018E+01-8.77423169E+00 8.96244858E-02-5.61260863E-05
                                                                                                                                                                                                3
   1.56648937E-08-1.43269456E-12 1.20774658E+04 6.45525516E+01
                                                                                                                                                                                                4
                           2/ 5/ 8 THERMC
                                                                   7h 11
Dmche1
                                                                                          0
                                                                                                        0G
                                                                                                                     300.000 5000.000 1388.000
                                                                                                                                                                                              01
   1.89910647E+01 2.70108171E-02-9.11391232E-06 1.40324272E-09-8.09787028E-14
                                                                                                                                                                                                2
   9.83849927E+03-7.84430104E+01-5.28663838E+00 8.13076550E-02-5.39191165E-05
                                                                                                                                                                                                3
   1.74857261E-08-2.17512357E-12 1.84051850E+04 5.26248481E+01
                                                                                                                                                                                                4
                           2/18/ 8 THERMC
                                                                   7h 13o
                                                                                           1
                                                                                                       0G
                                                                                                                     300.000 5000.000 1380.000
                                                                                                                                                                                              21
   2.30657356E+01 3.16877788E-02-1.10160867E-05 1.72963731E-09-1.01158572E-13
                                                                                                                                                                                                2
-2.69546465E+04-1.01741440E+02-6.36697149E+00 9.22113371E-02-5.44269434E-05
                                                                                                                                                                                                3
  1.37857102E - 08 - 9.56604095E - 13 - 1.60138653E + 04 5.90798049E + 01
                                                                                                                                                                                                4
                                                                    7h 13o
mchohAqjB 2/18/8 THERMC
                                                                                           3
                                                                                                        0G
                                                                                                                     300.000 5000.000 1365.000
                                                                                                                                                                                              31
   2.93279985E+01 3.22920607E-02-1.15083520E-05 1.83658115E-09-1.08620825E-13
                                                                                                                                                                                                2
-4.51284726E+04-1.22660038E+02-4.17398293E+00 9.71248829E-02-5.30229653E-05
                                                                                                                                                                                                3
  1.04847773E-08-4.60024965E-15-3.22069714E+04 6.19445336E+01
                                                                                                                                                                                                4
                           3/14/ 7 THERMC
                                                                    7h 10
                                                                                            Ω
                                                                                                       0G
                                                                                                                     300.000 5000.000 1396.000
                                                                                                                                                                                              01
mche13
  1.92923954E+01 2.52588279E-02-8.72529554E-06 1.36374865E-09-7.94957151E-14
                                                                                                                                                                                                2
-1.40142755E+03-8.48317383E+01-7.65649670E+00 9.46461964E-02-7.88950593E-05
                                                                                                                                                                                                3
   3.42080991E-08-6.00970917E-12 7.34446101E+03 5.76699707E+01
                                                                                                                                                                                                4
                           2/ 5/ 8 THERMC
                                                                    7h 10
                                                                                          0
                                                                                                       0G
                                                                                                                     300.000 5000.000 1398.000
                                                                                                                                                                                              01
mche14
  1.85160986E+01 2.54199118E-02-8.67271533E-06 1.34443981E-09-7.79272189E-14
                                                                                                                                                                                                2
  5.53078090E+02-7.78909006E+01-5.24801330E+00 8.28417557E-02-6.20007584E-05
                                                                                                                                                                                                3
   2.39623331E-08-3.76543318E-12 8.57104575E+03 4.89862816E+01
                                                                                                                                                                                                4
                          7/20/ 7 THERGC
                                                                   7h
                                                                                                        0G
                                                                                                                 300.000 5000.000 1000.000
                                                                                                                                                                                              01
                                                                             9
                                                                                           Ω
Emche13
   2
   0.12956387E+05-0.71235435E+02-0.64843688E+01 0.87589949E-01-0.63292755E-04
                                                                                                                                                                                                3
   0.16700394E-07 0.14960171E-12 0.19561686E+05 0.52630489E+02
                                                                                                                                                                                                4
                                                                                                                                                                                              01
                          7/20/ 7 THERGC
                                                                                                       0G
                                                                   7h
                                                                             9
                                                                                                                300.000 5000.000 1000.000
Gmche13
                                                                                           0
   0.17424448E+02 0.23610065E-01-0.74200311E-05 0.11222518E-08-0.66797120E-13
                                                                                                                                                                                                2.
   0.12956387E+05-0.71235435E+02-0.64843688E+01 0.87589949E-01-0.63292755E-04
                                                                                                                                                                                                3
   0.16700394E-07 0.14960171E-12 0.19561686E+05 0.52630489E+02
                                                                                                                                                                                                4
                                                                                                                                                                                              01
Fmche14
                           2/ 5/ 8 THERMC
                                                                   7h
                                                                            9
                                                                                          0
                                                                                                        0G
                                                                                                                300.000 5000.000 1396.000
  1.83539162E+01 \quad 2.36016731E-02-8.17488029E-06 \quad 1.28007997E-09-7.47160506E-14
                                                                                                                                                                                                2.
   1.74763765E+04-7.84727554E+01-5.32098299E+00 8.00106181E-02-5.97838808E-05
                                                                                                                                                                                                3
   2.28561093E-08-3.54874553E-12 2.55607220E+04 4.82394856E+01
                                                                                                                                                                                                4
                           2/ 5/ 8 THERMC
                                                                   7h
                                                                            9
                                                                                           0
                                                                                                        0G
                                                                                                                     300.000 5000.000 1396.000
                                                                                                                                                                                              01
   1.83539162E+01 2.36016731E-02-8.17488029E-06 1.28007997E-09-7.47160506E-14
                                                                                                                                                                                                2
   1.74763765E+04-7.84727554E+01-5.32098299E+00 8.00106181E-02-5.97838808E-05
                                                                                                                                                                                                3
   2.28561093E-08-3.54874553E-12 2.55607220E+04 4.82394856E+01
                                                                                                                                                                                                4
                           7/20/ 7 THERMC
                                                                                                                                                                                              01
mche135
                                                                   7h
                                                                               8
                                                                                            0
                                                                                                        0G
                                                                                                                     300.000 5000.000 1418.000
   1.71441511E+01 2.18499669E-02-6.98272820E-06 1.03477475E-09-5.80967365E-14
                                                                                                                                                                                                2
   1.38823407E+04-7.05415464E+01-5.75031772E+00 8.58740562E-02-7.56844131E-05
                                                                                                                                                                                                3
   3.42813307E-08-6.12890820E-12 2.06302761E+04 4.84260699E+01
                                                                                                                                                                                                4
mche136
                           7/20/ 7 THERMC
                                                                    7h
                                                                               8
                                                                                            0
                                                                                                        0G
                                                                                                                     300.000 5000.000 1399.000
                                                                                                                                                                                              01
   1.93748752E+01 2.01709440E-02-6.98618632E-06 1.09383848E-09-6.38390397E-14
                                                                                                                                                                                                2
   9.53227711E+03-8.67978202E+01-6.76823744E+00 9.28079751E-02-8.63020762E-05
                                                                                                                                                                                                3
   4.08136313E-08-7.63343907E-12 1.74912819E+04 4.95660385E+01
                           3/12/ 7 THERMC
                                                                    7h 10o
                                                                                                                     300.000 5000.000 1378.000
                                                                                                                                                                                                1
mcheloC
                                                                                            1
                                                                                                        0G
   2.12266028E+01 2.69354925E-02-9.48198345E-06 1.50104169E-09-8.82850220E-14
                                                                                                                                                                                                2.
-2.90100485E + 04 - 9.32089092E + 01 - 6.25268908E + 00 \\ 8.61997765E - 02 - 5.66985338E - 05 \\ -0.90100485E + 0.00100485E + 0.0010045E + 0.0010045
                                                                                                                                                                                                3
                                                                                                                                                                                                4
  1.79731007E - 08 - 2.20422220E - 12 - 1.89741984E + 04.5.61253990E + 01.89741984E + 01.8974184E + 01.897444E + 01.89744E + 01.89744E + 01.89744E + 01.89744E + 01.89744E + 01.89744E + 01.8974E + 01.89744E + 01.89744E + 01.8974E + 01.8974E + 01.8974E + 01.8974E + 01.8974E + 
                                                                    7h 12o 1
                           7/ 6/ 7 THERMC
mchoA
                                                                                                       0G
                                                                                                                     300.000 5000.000 1380.000
                                                                                                                                                                                              11
   2.30009183E+01 3.00552736E-02-1.05494953E-05 1.66687207E-09-9.79116854E-14
                                                                                                                                                                                                2
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-4.06676816E + 04 - 1.04625426E + 02 - 7.78291291E + 00 9.37105260E - 02 - 5.65220116E - 05
                                                                                                                                                                                        3
  1.45676146E-08-1.03941037E-12-2.92799844E+04 6.34197748E+01
                                                                                                                                                                                        4
                         3/13/ 7 THERMC
                                                                 7h 10o 1 0G 300.000 5000.000 1379.000
mche2oA
                                                                                                                                                                                      11
  2.36989595E+01 2.42253466E-02-8.51470184E-06 1.34735365E-09-7.92478352E-14
                                                                                                                                                                                        2.
3
  2.32079670E-08-2.95974349E-12-1.83814837E+04 6.51434355E+01
                                                                                                                                                                                        4
                         7/ 6/ 7 THERMC
                                                                 7h 11o 1 0G 300.000 5000.000 1379.000
chxco
                                                                                                                                                                                      11
  2.25831804E+01 2.79290640E-02-9.83082645E-06 1.55622524E-09-9.15308749E-14
                                                                                                                                                                                        2
-2.17061664E+04-1.00713539E+02-6.99164752E+00 8.88386593E-02-5.33691514E-05
                                                                                                                                                                                        3
  1.34458526E-08-8.66947195E-13-1.07543713E+04 6.07971099E+01
                                                                                                                                                                                        4
mche2oya 3/13/7 THERMc 7h 90 1 0G 300.000 5000.000 1377.000
                                                                                                                                                                                      11
  2.33432399E+01 2.20160532E-02-7.76246818E-06 1.23109129E-09-7.25288255E-14
                                                                                                                                                                                        2
-1.07814604E + 04 - 1.05587926E + 02 - 7.84896976E + 00 \\ 9.21365945E - 02 - 6.57792181E - 05 \\ -0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E \\ -0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E \\ -0.07814604E + 0.07814604E + 0.07814604E \\ -0.0781460404E + 0.07814604E + 0.07814604E \\ -0.0781460404E + 0.07814604E + 0.07814604E + 0.07814604E + 0.07814604E \\ -0.0781460404E + 0.07814604E + 0.07814604
                                                                                                                                                                                        3
  2.20482092E-08-2.77311557E-12 1.47745291E+02 6.26162107E+01
                                                                                                                                                                                        4
                      1/17/ 8 THERMC 7h 10o 2 0G
                                                                                                                300.000 5000.000 1391.000
                                                                                                                                                                                      11
  2.19070574E+01 2.80124500E-02-9.74361164E-06 1.52994312E-09-8.94693079E-14
                                                                                                                                                                                        2
-5.24416492E+04-9.11483642E+01-4.37728117E+00 8.89901239E-02-6.40754185E-05
                                                                                                                                                                                        3
  2.37322101E-08-3.60606684E-12-4.32466025E+04 5.02074849E+01
                                                                                                                                                                                        4
mchovAoC
                         1/17/ 8 THERMc 7h 9o 2
                                                                                               0G
                                                                                                                300.000 5000.000 1390.000
                                                                                                                                                                                      11
  2.15070634E+01 2.58487304E-02-9.00720569E-06 1.41604131E-09-8.28797156E-14
-3.34863262E+04-8.73354321E+01-3.67182353E+00 8.44457280E-02-6.13542400E-05
                                                                                                                                                                                        3
  2.28424822E-08-3.47821789E-12-2.47065844E+04 4.79933076E+01
                                                                                                                                                                                        4
mchoAoD
                         7/ 9/ 7 THERMC 7h 10o
                                                                                      2 0G
                                                                                                                300.000 5000.000 1688.000
                                                                                                                                                                                      11
  2.35117587E+01 2.70890488E-02-1.02301390E-05 1.70186146E-09-1.03717705E-13
                                                                                                                                                                                        2
-5.33262218E+04-1.02188840E+02-7.68343033E+00 9.85291164E-02-6.86461525E-05
                                                                                                                                                                                        3
  2.19465656E-08-2.60641551E-12-4.30239003E+04 6.48875488E+01
                                                                                                                                                                                        4
                      7/ 9/ 7 THERMC 7h 9o
                                                                                     2
                                                                                               0G
                                                                                                                300.000 5000.000 1688.000
                                                                                                                                                                                      11
mchovAoD
  2.38600844E+01 2.39950114E-02-9.09612808E-06 1.51697717E-09-9.26089595E-14
                                                                                                                                                                                        2
-3.46361906E + 04 - 1.02558478E + 02 - 7.96945211E + 009.92763763E - 02 - 7.34113318E - 0596945211E + 009.92763763E - 02 - 7.34113318E - 02 - 7.341148E - 02 - 7.341148E - 02 - 7.34114E -
                                                                                                                                                                                        3
  2.51794491E-08-3.27020468E-12-2.43651022E+04 6.70426007E+01
                                                                                                                                                                                        4
                         1/18/ 8 THERMC 7h 11o 1 0G 300.000 5000.000 1382.000
                                                                                                                                                                                      11
AmchoD
  2.12535448E+01 2.73963116E-02-9.29219857E-06 1.43613335E-09-8.31087693E-14
                                                                                                                                                                                        2.
-1.77976405E+04-8.81289845E+01-3.60285612E+00 8.45280992E-02-5.93833906E-05
                                                                                                                                                                                        3
  2.14533487E-08-3.17124274E-12-9.07375285E+03 4.56981571E+01
                                                                                                                                                                                        4
                         7/10/ 7 THERMC 7h 11o 1 0G 300.000 5000.000 1377.000
                                                                                                                                                                                      11
  2.22932995E+01 \ 2.80990410E-02-9.87340107E-06 \ 1.56126093E-09-9.17608793E-14
                                                                                                                                                                                        2
3
  1.63582268E-08-1.60431609E-12-8.57589316E+03 6.33800919E+01
                                                                                                                                                                                        4
                                                                                     10 OG 300.00
                                                       c 5h 9o
                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                        1
  0.72201772E + 01 \quad 0.32553285E - 01 - 0.11141595E - 04 \quad 0.17868643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.17868643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.17868643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.17868643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 04 \quad 0.178686643E - 08 - 0.11056394E - 12 \\ 0.32553285E - 01 - 0.11141595E - 01 \quad 0.178686643E - 0.11056394E - 0.10066444E - 0.1006644E 
                                                                                                                                                                                        2.
3
  0.34077246E-07-0.77417638E-11-0.55401924E+04 0.30485794E+02
                                                                                                                                                                                        4
                         2/ 6/ 8 THERMC 7h 13
                                                                                      0
                                                                                                 OG 300.000 5000.000 1392.000
                                                                                                                                                                                      51
  2.06754243E+01 2.89092236E-02-9.83222685E-06 1.52079763E-09-8.80072255E-14
                                                                                                                                                                                        2
  6.73955059E+03-7.86619546E+01-8.56743712E-01 7.77195832E-02-5.19282134E-05
                                                                                                                                                                                        3
  1.80146398E-08-2.57342002E-12 1.43869941E+04 3.75421714E+01
                                                                                                                                                                                        4
                         7/ 6/ 7 THERMC 7h 11o
                                                                                                  OG 300.000 5000.000 1385.000
                                                                                      1
  2.16749333E+01 2.55539561E-02-8.68940781E-06 1.34434064E-09-7.78233167E-14
-8.98788906E + 03 - 8.14498680E + 01 1.55446095E + 00 7.07896772E - 02 - 4.73250551E - 05
                                                                                                                                                                                        3
  1.63377571E-08-2.32059757E-12-1.79866065E+03 2.72803735E+01
                         1/23/ 8 THERMC
                                                                7h 11o
                                                                                        1
                                                                                                    OG 300.000 5000.000 1390.000
                                                                                                                                                                                      41
  2.08581715E+01 2.71260132E-02-9.32167756E-06 1.45159972E-09-8.43903625E-14
                                                                                                                                                                                        2
-8.64595388E+03-7.66423925E+01 1.13906035E+00 7.36985646E-02-5.27911191E-05
                                                                                                                                                                                        3
  2.05831971E-08-3.40871501E-12-1.71838914E+03 2.92994937E+01
                         1/23/ 8 THERMC
                                                                5h
                                                                         70
                                                                                      1
                                                                                                    0G
                                                                                                                300.000 5000.000 1386.000
                                                                                                                                                                                      31
  1.50209877E+01 1.75442952E-02-6.08801290E-06 9.54283638E-10-5.57335246E-14
                                                                                                                                                                                        2.
-7.01603605E+02-4.83943645E+01 1.66866314E+00 4.86967704E-02-3.49582461E-05
                                                                                                                                                                                        3
  1.36714802E-08-2.28458297E-12 4.05279149E+03 2.35209132E+01
                                                                                                                                                                                        4
                                                                 7h 11o
                         1/18/ 8 THERMC
                                                                                     1
                                                                                                   0G
                                                                                                                300.000 5000.000 1390.000
                                                                                                                                                                                      41
  2.22184015E+01 2.58711194E-02-8.87053128E-06 1.37957419E-09-8.01409740E-14
                                                                                                                                                                                        2.
3
```

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2.27700327E-08-3.71759514E-12-2.72080235E+03 3.17828320E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                1/18/ 8 THERMC 7h 11o 1 0G 300.000 5000.000 1388.000
Gc7e1oD
                                                                                                                                                                                                                                                                                                                                                                                          51
     2.09214488E+01 2.68741220E-02-9.28623780E-06 1.45153214E-09-8.46108622E-14
                                                                                                                                                                                                                                                                                                                                                                                              2.
-6.11188724E+03-7.60981314E+01 2.25469174E-01 7.50916821E-02-5.34508397E-05
                                                                                                                                                                                                                                                                                                                                                                                              3
     2.04818503E-08-3.32658285E-12 1.21573324E+03 3.53122182E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                    7/10/ 7 THERMC 5h 7o 1 0G
                                                                                                                                                                                                                                       300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                                                                                                                                          21
    1.59291526E+01 1.70758675E-02-5.90082483E-06 9.22507044E-10-5.37832664E-14
                                                                                                                                                                                                                                                                                                                                                                                              2
-1.66814869\mathtt{E}+03-5.47187267\mathtt{E}+01-6.01898874\mathtt{E}-01\ 5.77682854\mathtt{E}-02-4.50545922\mathtt{E}-05
                                                                                                                                                                                                                                                                                                                                                                                              3
    1.83896040E-08-3.07933583E-12 3.88844134E+03 3.33664561E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
Gc7e1oF
                                                    1/23/ 8 THERMC
                                                                                                                                      7h 11o 1
                                                                                                                                                                                                    0G
                                                                                                                                                                                                                                300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                          51
     2.25662917E+01 2.55408224E-02-8.84207267E-06 1.38397444E-09-8.07531335E-14
                                                                                                                                                                                                                                                                                                                                                                                              2
3
    2.16863141E-08-3.48297407E-12-2.74858782E+03 3.08822076E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                                              8h 160
                                                                                                                   С
                                                                                                                                                                                00 OG
                                                                                                                                                                                                                                300.00
                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                               1
    2
-0.30306131E + 05 - 0.69607750E + 02 - 0.78381824E + 01 \\ 0.10686623E + 00 - 0.58971611E - 04 \\ 0.10686623E + 0.00686623E + 0.00686624E + 0.0068664E + 0.006864E + 0.0068664E + 0.006864E 
                                                                                                                                                                                                                                                                                                                                                                                               3
    0.88880414E-08 0.20630459E-11-0.22603070E+05 0.61231651E+02
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                                                                                   С
                                                                                                                                     8h 15
                                                                                                                                                                                     0
                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                       300.00
                                                                                                                                                                                                                                                                            5000.00
                                                                                                                                                                                                                                                                                                                                   1000.00
                                                                                                                                                                                                                                                                                                                                                                                               1
    0.19793590E + 02 \quad 0.41191800E - 01 - 0.13851200E - 04 \quad 0.21924740E - 08 - 0.13436080E - 12000E - 01000E - 0
                                                                                                                                                                                                                                                                                                                                                                                               2
-0.68495640E + 04 - 0.83545700E + 02 - 0.87674160E + 01 \\ 0.11630430E + 00 - 0.88027770E - 04 \\ 0.11630450E + 0.0802770E - 0.8802770E - 0.88027770E - 0.880270E - 0.88020E 
                                                                                                                                                                                                                                                                                                                                                                                               3
    0.36623820E-07-0.69571410E-11 0.16374580E+04 0.65951150E+02
                                                                                                                   C
                                                                                                                                      8h 140
                                                                                                                                                                                  0.0
                                                                                                                                                                                                       0G
                                                                                                                                                                                                                                        300.00
                                                                                                                                                                                                                                                                            5000.00 1000.00
    0.18143300E + 02 \quad 0.44632620E - 01 - 0.17021500E - 04 \quad 0.29459110E - 08 - 0.19221280E - 12 \quad 0.18143300E + 02 \quad 0.44632620E - 01 - 0.17021500E - 04 \quad 0.29459110E - 08 - 0.19221280E - 12 \quad 0.18143300E + 02 \quad 0.1814330E + 02 \quad 0.1814320E + 02 \quad 0.181420E + 0.181420E
                                                                                                                                                                                                                                                                                                                                                                                               2.
-0.15231210 \pm +05 -0.77140530 \pm +02 -0.60180530 \pm +01 \quad 0.98384120 \pm -01 -0.52772570 \pm -04 \\ -0.15231210 \pm +05 -0.77140530 \pm +02 -0.60180530 \pm +01 \quad 0.98384120 \pm -01 -0.52772570 \pm -04 \\ -0.15231210 \pm +05 -0.77140530 \pm +02 -0.60180530 \pm +01 \quad 0.98384120 \pm -01 -0.52772570 \pm -04 \\ -0.15231210 \pm +0.00180 \pm +0
                                                                                                                                                                                                                                                                                                                                                                                               3
    0.66304260E-08 0.22392020E-11-0.74359980E+04 0.52048200E+02
                                                                                                                                  8h 130
                                                                                                                                                                                     00
                                                                                                                                                                                                        0G
                                                                                                                                                                                                                                       300.00
                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                              1
Aeche1
                                                                                                                   C
     0.20777645E+02 0.36194086E-01-0.12358416E-04 0.19776736E-08-0.12213041E-12
                                                                                                                                                                                                                                                                                                                                                                                               2
     0.13717352E+05-0.89718239E+02-0.62715268E+01 0.10174156E+00-0.69496098E-04
                                                                                                                                                                                                                                                                                                                                                                                               3
    0.24277881E-07-0.38001013E-11 0.22199223E+05 0.53638279E+02
                                                                                                                                                                                                                                                                                                                                                                                              4
                                                    3/20/ 7 THERMC 8h 13
                                                                                                                                                                                                        OG 300.000 5000.000 1378.000
                                                                                                                                                                                 Ω
                                                                                                                                                                                                                                                                                                                                                                                          11
Ceche1
     2.34879070E+01 3.24267096E-02-1.14206708E-05 1.80844708E-09-1.06383079E-13
                                                                                                                                                                                                                                                                                                                                                                                              2.
3
                                                                                                                                                                                                                                                                                                                                                                                              4
    1.37268858E-08-7.75379706E-13 8.78002805E+03 6.53863854E+01
                                                    3/14/ 7 THERMC 8h 12
                                                                                                                                                                                                        OG 300.000 5000.000 1397.000
                                                                                                                                                                                                                                                                                                                                                                                          11
                                                                                                                                                                             Ω
echele3
    2.24266330E + 01 \quad 2.97553884E - 02 - 1.02632346E - 05 \quad 1.60246689E - 09 - 9.33420445E - 14 \quad 1.60246689E - 09 - 1.60246689E
                                                                                                                                                                                                                                                                                                                                                                                              2
-5.47105093E + 03 - 1.00195433E + 02 - 7.82894262E + 00 \quad 1.06591027E - 01 - 8.67362697E - 05 - 10.00195433E + 02 - 10.0019543E + 02 - 10.0019545E + 02 - 10.001954E + 02 
                                                                                                                                                                                                                                                                                                                                                                                               3
    3.68258201E-08-6.36067560E-12 4.44810741E+03 6.01580452E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
eche2oA
                                                                                                                   C
                                                                                                                                      8h 12o 10
                                                                                                                                                                                                        0G 300.00
                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                              1
    0.43812938E+01 \quad 0.69057718E-01-0.30892988E-04 \quad 0.59814003E-08-0.42263198E-12
                                                                                                                                                                                                                                                                                                                                                                                               2.
3
    0.11507266E-07 \quad 0.11003039E-11-0.20144287E+05 \quad 0.73004089E+02
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                    7/ 6/ 7 THERMC 8h 14o 1
                                                                                                                                                                                                        OG 300.000 5000.000 1369.000
                                                                                                                                                                                                                                                                                                                                                                                          21
     2.68551323E+01 3.30879115E-02-1.14141643E-05 1.78451208E-09-1.04108063E-13
                                                                                                                                                                                                                                                                                                                                                                                               2
3
    1.57487894E-08-1.09525079E-12-3.26331230E+04 6.03108464E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                    7/ 6/ 7 THERMC 8h 13o
                                                                                                                                                                              1
                                                                                                                                                                                                            OG 300.000 5000.000 1368.000
                                                                                                                                                                                                                                                                                                                                                                                          21
     2.63876115E+01 3.10624299E-02-1.07416862E-05 1.68215415E-09-9.82500991E-14
3
    1.47128220E-08-9.48434108E-13-1.41063729E+04 5.77257461E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                    7/ 6/ 7 THERMC
                                                                                                                                      8h 13o
                                                                                                                                                                                1
                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                       300.000 5000.000 1382.000
                                                                                                                                                                                                                                                                                                                                                                                          2.1
     2.71312109E+01 3.15488431E-02-1.11399882E-05 1.76706182E-09-1.04075421E-13
                                                                                                                                                                                                                                                                                                                                                                                               2
-2.74228044E+04-1.24972513E+02-8.36535798E+00 1.07892603E-01-7.05027324E-05
                                                                                                                                                                                                                                                                                                                                                                                               3
    2.11685434E-08-2.25412046E-12-1.45677536E+04 6.77860255E+01
AechoE
                                                    1/18/ 8 THERMC
                                                                                                                                      8h 13o
                                                                                                                                                                                1
                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                        300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                                                                                                          21
     2.44455673E+01 3.18187693E-02-1.07986097E-05 1.66928525E-09-9.66043783E-14
                                                                                                                                                                                                                                                                                                                                                                                              2
-2.18948244E+04-1.03829892E+02-3.91069248E+00 9.70806258E-02-6.81264766E-05
                                                                                                                                                                                                                                                                                                                                                                                              3
    2.46313543E-08-3.64758870E-12-1.19498300E+04 4.88118304E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
                                                    1/25/ 8 THERMC
                                                                                                                                      8h 12o
echeloE
                                                                                                                                                                               1
                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                       300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                          11
     2.37156302E+01 3.02780430E-02-1.02598619E-05 1.58450345E-09-9.16420462E-14
                                                                                                                                                                                                                                                                                                                                                                                              2.
-3.08640689E + 04 - 1.02296953E + 02 - 5.08929091E + 009.88733966E - 02 - 7.32504548E - 059829091E + 009.88733966E - 02 - 7.32504548E - 02 - 7.3250468E - 02 - 7.325048E - 02 - 7.025048E - 
                                                                                                                                                                                                                                                                                                                                                                                              3
     2.81693175E-08-4.43961119E-12-2.10003074E+04 5.19293489E+01
                                                                                                                                                                                                                                                                                                                                                                                               4
```

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7/11/7 THERMC
                                                                                                                                                           8h 13o
                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                                                            300.000 5000.000 1380.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                      21
AechoD
     2.5422225E+01 3.26665442E-02-1.14503794E-05 1.80758009E-09-1.06110460E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
3
    1.92423668E-08-2.03442301E-12-1.14698470E+04 6.59606034E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                             7/10/ 7 THERMC
                                                                                                                                                           8h 12o
                                                                                                                                                                                                                                             0G
                                                                                                                                                                                                                                                                             300.000 5000.000 1376.000
echoAoD
                                                                                                                                                                                                              2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      21
      2.66419204E+01 3.17334170E-02-1.11522861E-05 1.76360895E-09-1.03656249E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-5.81126239E + 04 - 1.18525141E + 02 - 5.76107057E + 00 \quad 1.00316704E - 01 - 6.36794897E - 05 - 100316704E - 01 - 1003
                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
     1.87372475E-08-1.98249798E-12-4.61954637E+04 5.79489327E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
                                                    7/10/ 7 THERMC 8h 11o
                                                                                                                                                                                                                                                                             300.000 5000.000 1375.000
                                                                                                                                                                                                                                   0G
echoyAoD
                                                                                                                                                                                                            2
                                                                                                                                                                                                                                                                                                                                                                                                                                                      21
      2.62205403E+01 2.96136663E-02-1.04364894E-05 1.65346981E-09-9.73071644E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
-3.91501428E + 04 - 1.14594011E + 02 - 4.99237945E + 00 \\ 9.55464584E - 02 - 6.06849125E - 05 \\ -05464584E - 02 - 1.06849125E - 05 \\ -0546484E - 02 - 1.068484E - 02 - 1.068484E - 02 - 1.06848E - 02 \\ -0546484E - 02 - 1.06848E - 02 - 1.06
                                                                                                                                                                                                                                                                                                                                                                                                                                                           3
    1.77182547E-08-1.83355695E-12-2.76664303E+04 5.54307623E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                           4
! END
```

## ! Naphtenes : Propylcyclohexane

```
9/ 1/ 8 THERMC
                        9h 18
                                 0
                                     0G
                                          300.000 5000.000 1384.000
                                                                    31
2.84730177E+01 4.19125067E-02-1.45352203E-05 2.27831725E-09-1.33086957E-13
                                                                     2
-3.93812957E+04-1.35369227E+02-9.38577691E+00 1.21387672E-01-7.40463429E-05
                                                                     3
 2.04933154E-08-1.88604607E-12-2.54398188E+04 7.09671283E+01
                                                                     4
         9/ 1/ 8 THERMC
                        9h 17
                                0
                                     0G
                                          300.000 5000.000 1383.000
                                                                    31
pchA
 2.80463275E+01 3.97795938E-02-1.38109077E-05 2.16642959E-09-1.26618935E-13
                                                                     2
-1.43116245E+04-1.30622930E+02-8.61025231E+00 1.16809198E-01-7.15343175E-05
                                                                     3
1.98376651E-08-1.82505547E-12-8.28177395E+02 6.91211322E+01
                                                                     4
pchB
         9/ 1/ 8 THERMC
                        9h 17
                                0
                                     0G
                                          300.000 5000.000 1374.000
                                                                    31
2
-1.56682807E + 04 - 1.28701576E + 02 - 8.16097495E + 00 1.11675792E - 01 - 6.23659891E - 05
                                                                     3
1.36019166E-08-3.71583049E-13-2.13699916E+03 6.86575591E+01
                                                                     4
         9/ 1/ 8 THERMC
                        9h 17
                                     0G
                                        300.000 5000.000 1374.000
                                Ω
                                                                    31
pchC
2.78484459E+01 3.95365515E-02-1.36449677E-05 2.13266067E-09-1.24355437E-13
                                                                     2
3
                                                                     4
1.36019166E-08-3.71583049E-13-2.13699916E+03 6.86575591E+01
         9/ 1/ 8 THERMC 9h 17
                                     0G
                                        300.000 5000.000 1381.000
                                                                    31
                                0
pchD
2.77461334E+01 \ 4.00281069E-02-1.38948501E-05 \ 2.17931818E-09-1.27359816E-13
                                                                     2.
-1.65772630E + 04 - 1.28565628E + 02 - 7.37386405E + 00 1.11721720E - 01 - 6.48626198E - 05
                                                                     3
1.61499389E-08-1.08431459E-12-3.43839209E+03 6.35696735E+01
                                                                     4
pchE
         9/ 1/ 8 THERMC 9h 17
                                0
                                     0G
                                        300.000 5000.000 1374.000
                                                                    31
2
3
1.36019166E-08-3.71583049E-13-2.13699916E+03 6.75553950E+01
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         9/ 1/ 8 THERMC
                        9h 17
                                0
                                     0G
                                        300.000 5000.000 1374.000
                                                                    31
 2.78484459E+01 3.95365515E-02-1.36449677E-05 2.13266067E-09-1.24355437E-13
                                                                     2
3
1.36019166E-08-3.71583049E-13-2.13699916E+03 6.75553950E+01
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         9/ 1/ 8 THERMC
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pchG
                        9h 17
                                 0
                                     0G
                                          300.000 5000.000 1374.000
2.78484459E+01 3.95365515E-02-1.36449677E-05 2.13266067E-09-1.24355437E-13
                                                                     2
-1.56682807E + 04 - 1.29803740E + 02 - 8.16097495E + 00 1.11675792E - 01 - 6.23659891E - 05
                                                                     3
                                                                     4
1.36019166E-08-3.71583049E-13-2.13699916E+03 6.75553950E+01
         3/13/ 7 THERMC
                        9h 17o
                                 2
                                     0G
                                          300.000 5000.000 1383.000
                                                                    41
pchaiA
 3.16230280E+01 4.19371903E-02-1.46695758E-05 2.31225430E-09-1.35583151E-13
                                                                     2
-3.24177914E+04-1.44309931E+02-6.95406707E+00 1.24701375E-01-8.00365931E-05
                                                                     3
2.47724958E-08-2.94333193E-12-1.82802356E+04 6.54941830E+01
                                                                     4
         3/13/ 7 THERMC
                        9h 17o
                                 2
                                     0G
                                          300.000 5000.000 1385.000
                                                                    41
pchaiB
 3.21830934E+01 4.15168096E-02-1.45363719E-05 2.29265683E-09-1.34489280E-13
                                                                     2
-3.47619868E+04-1.47295114E+02-7.15229081E+00 1.27490107E-01-8.44511090E-05
                                                                     3
                                                                     4
9h 17o 2
         3/13/ 7 THERMC
                                                                    41
pchqjC
                                     0G
                                          300.000 5000.000 1385.000
 3.21830934E+01 4.15168096E-02-1.45363719E-05 2.29265683E-09-1.34489280E-13
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-3.47619868E+04-1.47295114E+02-7.15229081E+00 1.27490107E-01-8.44511090E-05
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  2.74219639E-08-3.50112633E-12-2.05103517E+04 6.60616488E+01
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                    3/13/ 7 THERMC
                                                   9h 17o
                                                                              0G
                                                                                        300.000 5000.000 1384.000
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pchaiD
  3.23447357E+01 4.13877828E-02-1.44939165E-05 2.28626131E-09-1.34126808E-13
                                                                                                                                                  2.
-3.60115987E + 04 - 1.48679036E + 02 - 7.02715920E + 00 \\ 1.28010595E - 01 - 8.58610096E - 05 \\ -0.02715920E + 0.02715920E + 0.02715920E + 0.02715920E + 0.02715920E + 0.02715920E \\ -0.02715920E + 0.02715920E + 0.027159200E + 0.02715
                                                                                                                                                  3
  2.85254752E-08-3.77924354E-12-2.17833360E+04 6.47084816E+01
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                    3/13/ 7 THERMC 9h 17o
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pchqjE
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  3.21830934E+01 4.15168096E-02-1.45363719E-05 2.29265683E-09-1.34489280E-13
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  2.74219639E-08-3.50112633E-12-2.05103517E+04 6.60616488E+01
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                    3/13/ 7 THERMC 9h 17o 2 0G 300.000 5000.000 1385.000
pchqjF
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  3.21830934E+01 4.15168096E-02-1.45363719E-05 2.29265683E-09-1.34489280E-13
                                                                                                                                                  2
-3.47619868E + 04 - 1.47295114E + 02 - 7.15229081E + 00 \\ 1.27490107E - 01 - 8.44511090E - 05 \\ 1.27490107E - 01 - 8.44511090E - 00 - 8.44511090E - 00 - 8.44511090E - 00 - 8.44511090E - 00 - 8.44511000E - 00 - 8.4451000E - 00 - 8.4451000E - 00 - 8.4451000E -
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  2.74219639E-08-3.50112633E-12-2.05103517E+04 6.60616488E+01
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                    3/13/ 7 THERMC 9h 17o 2
pchaiG
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  3.21830934E+01 4.15168096E-02-1.45363719E-05 2.29265683E-09-1.34489280E-13
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-3.47619868E+04-1.47295114E+02-7.15229081E+00 1.27490107E-01-8.44511090E-05
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  2.74219639E-08-3.50112633E-12-2.05103517E+04 6.60616488E+01
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pchaA
                      3/13/7 THERMC 9h 18o
                                                                    2
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                                                                                        300.000 5000.000 1384.000
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  3.40827737E+01 4.20979113E-02-1.47553153E-05 2.32897814E-09-1.36697960E-13
                                                                                                                                                  2
-5.16892788E+04-1.59279882E+02-7.93578250E+00 1.33612439E-01-8.83179908E-05
                                                                                                                                                  3
  2.81277767E-08-3.44103781E-12-3.64849290E+04 6.86594700E+01
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pchqB
                      3/13/7 THERMC 9h 18o
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                                                                                        300.000 5000.000 1386.000
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  3.46412689E+01 4.16940748E-02-1.46311791E-05 2.31114561E-09-1.35720978E-13
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-5.40381707E + 04 - 1.62268796E + 02 - 8.16195742E + 00 1.36500216E - 01 - 9.28633565E - 05
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  3.08619818E-08-4.01924996E-12-3.87101155E+04 6.93617676E+01
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pchqC
                      3/13/7 THERMC 9h 18o
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  3.46412689E+01 4.16940748E-02-1.46311791E-05 2.31114561E-09-1.35720978E-13
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-5.40381707E+04-1.62268796E+02-8.16195742E+00 1.36500216E-01-9.28633565E-05
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  3.08619818E-08-4.01924996E-12-3.87101155E+04 6.93617676E+01
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                      3/13/7 THERMC 9h 18o
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pchaD
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  3.48078122E+01 4.15253020E-02-1.45670855E-05 2.30054269E-09-1.35079824E-13
                                                                                                                                                  2.
3
  3.26454275E-08-4.45425231E-12-3.99820601E+04 6.82047142E+01
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                      3/13/7 THERMC 9h 18o
                                                                            OG 300.000 5000.000 1386.000
                                                                   2
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pchqE
  3.46412689E+01 4.16940748E-02-1.46311791E-05 2.31114561E-09-1.35720978E-13
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-5.40381707E+04-1.62268796E+02-8.16195742E+00 1.36500216E-01-9.28633565E-05
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  3.08619818E-08-4.01924996E-12-3.87101155E+04 6.93617676E+01
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                      3/13/7 THERMC 9h 18o
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  3.46412689E+01 4.16940748E-02-1.46311791E-05 2.31114561E-09-1.35720978E-13
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  3.08619818E-08-4.01924996E-12-3.87101155E+04 6.93617676E+01
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  3.46412689E+01 4.16940748E-02-1.46311791E-05 2.31114561E-09-1.35720978E-13
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3
  3.08619818E-08-4.01924996E-12-3.87101155E+04 6.93617676E+01
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                    3/12/ 7 THERMC
                                                9h 17o
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                                                                                        300.000 5000.000 1384.000
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  3.02228506E+01 4.03939041E-02-1.40063660E-05 2.19541376E-09-1.28250730E-13
3
  2.38878528E-08-2.58191932E-12-1.75584290E+04 7.19343573E+01
                    3/12/ 7 THERMC
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  3.05689868E+01 4.02668185E-02-1.39960773E-05 2.19703742E-09-1.28467719E-13
                                                                                                                                                  2
-3.39696486E + 04 - 1.42105284E + 02 - 9.20969674E + 00 1.28280779E - 01 - 8.59718784E - 05
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  2.78885606E-08-3.47506711E-12-1.97736290E+04 7.30922227E+01
                    3/12/ 7 THERMC
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  3.05689868E+01 4.02668185E-02-1.39960773E-05 2.19703742E-09-1.28467719E-13
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-3.39696486E+04-1.42105284E+02-9.20969674E+00 1.28280779E-01-8.59718784E-05
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  2.78885606E-08-3.47506711E-12-1.97736290E+04 7.30922227E+01
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                    3/12/ 7 THERMC
                                                   9h 17o
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                                                                                        300.000 5000.000 1387.000
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  3.07798453E+01 4.01027379E-02-1.39435456E-05 2.18931977E-09-1.28039675E-13
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3
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2.82196771E-08-3.58264789E-12-2.10747809E+04 7.09009225E+01
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    3.05689868E+01 4.02668185E-02-1.39960773E-05 2.19703742E-09-1.28467719E-13
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-3.39696486E + 04 - 1.42105284E + 02 - 9.20969674E + 00 1.28280779E - 01 - 8.59718784E - 05
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    2.78885606E-08-3.47506711E-12-1.97736290E+04 7.30922227E+01
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pchojF
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    3.05689868E+01 4.02668185E-02-1.39960773E-05 2.19703742E-09-1.28467719E-13
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-3.39696486E + 04 - 1.42105284E + 02 - 9.20969674E + 00 \\ 1.28280779E - 01 - 8.59718784E - 05 \\ 1.28280779E - 01 - 8.5971884E - 05 \\ 1.2828079E - 00 - 8.5971884E - 00 - 8.5971884
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    2.78885606E-08-3.47506711E-12-1.97736290E+04 7.30922227E+01
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pchojG
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    3.05689868E+01 4.02668185E-02-1.39960773E-05 2.19703742E-09-1.28467719E-13
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-3.39696486E+04-1.42105284E+02-9.20969674E+00 1.28280779E-01-8.59718784E-05
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    2.78885606E-08-3.47506711E-12-1.97736290E+04 7.30922227E+01
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                                              03/07 THERMC 9h 17o
ApchqA
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    3.36062095E+01 4.00054735E-02-1.40443926E-05 2.21910757E-09-1.30343987E-13
                                                                                                                                                                                                                                                                                          2
3
    2.36536001E-08-2.61410062E-12-1.47172295E+04 5.98514671E+01
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BpchqA
                                              03/07 THERMC
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    3.36753248E+01 3.99410156E-02-1.40212367E-05 2.21542584E-09-1.30127809E-13
                                                                                                                                                                                                                                                                                          2
-2.66189274E + 04 - 1.54546979E + 02 - 6.95664507E + 00 1.28293177E - 01 - 8.48032978E - 05
                                                                                                                                                                                                                                                                                          3
    2.68868016E-08-3.25634553E-12-1.19088293E+04 6.59100883E+01
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CpchqA
                                              03/07 THERMC
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    3.35726224E+01 3.94812175E-02-1.37486719E-05 2.16156643E-09-1.26551239E-13
                                                                                                                                                                                                                                                                                         2
-2.79887508E + 04 - 1.53200190E + 02 - 6.93045979E + 00 1.24681371E - 01 - 7.73480573E - 05
                                                                                                                                                                                                                                                                                          3
    2.13556502E-08-1.88994598E-12-1.31453528E+04 6.73980559E+01
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DpchaA
    3.33710181E+01 4.02033739E-02-1.41122891E-05 2.22967071E-09-1.30957737E-13
                                                                                                                                                                                                                                                                                         2
-2.88968108E + 04 - 1.52574342E + 02 - 5.88775269E + 00 1.23719540E - 01 - 7.87203493E - 05
                                                                                                                                                                                                                                                                                          3
    2.35016299E-08-2.57380255E-12-1.44873126E+04 6.11078710E+01
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                                              03/07 THERMC
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EpchqA
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    3.35726224E+01 3.94812175E-02-1.37486719E-05 2.16156643E-09-1.26551239E-13
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-2.79887508E + 04 - 1.53200190E + 02 - 6.93045979E + 00 1.24681371E - 01 - 7.73480573E - 05
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    2.13556502E-08-1.88994598E-12-1.31453528E+04 6.73980559E+01
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                                              03/07 THERMC
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FpchqA
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    3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 2.16156643E-09-1.26551239E-13 \quad 3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 2.16156643E-09-1.26551239E-13 \quad 3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 3.94812175E-05 \quad 3
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3
    2.13556502E-08-1.88994598E-12-1.31453528E+04 6.73980559E+01
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GpchqA
                                              03/07 THERMC
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    3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 2.16156643E-09-1.26551239E-13 \quad 3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 2.16156643E-09-1.26551239E-13 \quad 3.35726224E+01 \quad 3.94812175E-02-1.37486719E-05 \quad 3.94812175E-05 \quad 3
                                                                                                                                                                                                                                                                                         2.
-2.79887508E + 04 - 1.53200190E + 02 - 6.93045979E + 00 \\ 1.24681371E - 01 - 7.73480573E - 05 \\ 1.246813E - 01 - 7.73480578E - 05 \\ 1.246813E - 01 - 7.734880578E - 00 \\ 1.246813E - 00 - 7.734880578E - 00 \\ 1.246813E - 00 - 7.73488058E - 00 \\ 1.246813E - 00 - 7.73488058E
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    2.13556502E-08-1.88994598E-12-1.31453528E+04 6.73980559E+01
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ApchqB
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    3.42575847E+01 3.95051040E-02-1.38834568E-05 2.19519910E-09-1.29000849E-13
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3
    3.00077251E-08-3.91622623E-12-1.41220851E+04 6.69960979E+01
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BpchqB
    3.32178361E+01 4.03491132E-02-1.41647325E-05 2.23797857E-09-1.31443080E-13
                                                                                                                                                                                                                                                                                          2
-3.22773892E + 04 - 1.49883552E + 02 - 4.73746547E + 00 1.20713786E - 01 - 7.61106277E - 05
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    2.26116304E-08-2.48169920E-12-1.82761436E+04 5.68919266E+01
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CpchqB
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    3.42269217E+01 3.95315783E-02-1.38926536E-05 2.19663889E-09-1.29084773E-13
                                                                                                                                                                                                                                                                                          2
-2.89601492E+04-1.57484641E+02-7.21379935E+00 1.31370730E-01-8.96991607E-05
                                                                                                                                                                                                                                                                                          3
    2.98603117E-08-3.88992551E-12-1.41305643E+04 6.67458861E+01
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DochaB
    3.39362487E+01 3.97732020E-02-1.39745682E-05 2.20925389E-09-1.29811671E-13
                                                                                                                                                                                                                                                                                          2
-3.12416491E+04-1.55586270E+02-6.17206954E+00 1.26922222E-01-8.37845423E-05
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    2.65640204E-08-3.22393074E-12-1.67051913E+04 6.20678521E+01
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    3.40261447E+01 3.91510735E-02-1.36447307E-05 2.14620416E-09-1.25686284E-13
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-3.02711970E + 04 - 1.55538528E + 02 - 7.50571480E + 00 \quad 1.29365084E - 01 - 8.49457148E - 05 \quad 1.29365084E - 01 - 8.49457148E - 01 - 8.4947148E - 01 - 8.494748E - 01 - 8.4947
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    2.61175818E-08-2.93195225E-12-1.53231062E+04 6.96724793E+01
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-3.02711970E + 04 - 1.55538528E + 02 - 7.50571480E + 00 \quad 1.29365084E - 01 - 8.49457148E - 05 \quad 1.29365084E - 01 - 8.49457148E - 01 - 8.4947148E - 01 - 8.494748E - 01 - 8.4947
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    2.61175818E-08-2.93195225E-12-1.53231062E+04 6.96724793E+01
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    3.42364091E+01 3.95250966E-02-1.38908291E-05 2.19640198E-09-1.29073079E-13
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-2.89762145E + 04 - 1.57643874E + 02 - 7.40730066E + 00 \\ 1.32001449E - 01 - 9.04410599E - 05 \\ -0.89762145E + 04 - 1.57643874E + 02 - 7.40730066E + 00 \\ -0.89762145E + 04 - 1.57643874E + 02 - 7.40730066E + 00 \\ -0.89762145E + 04 - 1.57643874E + 02 - 7.40730066E + 00 \\ -0.89762145E + 04 - 1.57643874E + 02 - 7.40730066E + 00 \\ -0.89762145E + 0.000064E + 0.000064E + 0.00066E + 0.000
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   3.02414833E-08-3.96231768E-12-1.40950698E+04 6.76145893E+01
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-2.89601492E+04-1.57484641E+02-7.21379935E+00 1.31370730E-01-8.96991607E-05
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    2.98603117E-08-3.88992551E-12-1.41305643E+04 6.67458861E+01
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    3.32178361E+01 4.03491132E-02-1.41647325E-05 2.23797857E-09-1.31443080E-13
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-3.22773892E+04-1.49883552E+02-4.73746547E+00 1.20713786E-01-7.61106277E-05
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    2.26116304E-08-2.48169920E-12-1.82761436E+04 5.68919266E+01
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    3.39362487E+01 3.97732020E-02-1.39745682E-05 2.20925389E-09-1.29811671E-13
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-3.12416491E+04-1.55586270E+02-6.17206954E+00 1.2692222E-01-8.37845423E-05
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    2.65640204E-08-3.22393074E-12-1.67051913E+04 6.20678521E+01
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    3.44001765E+01 3.93715903E-02-1.38348269E-05 2.18735378E-09-1.28534170E-13
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-3.02093559E + 04 - 1.59001338E + 02 - 7.31445512E + 00 \\ 1.32914612E - 01 - 9.26481534E - 05 \\ 1.32914612E - 01 - 9.2648154E - 00 \\ 1.32914612E - 00 - 9.2648154E - 00 - 9.2648154E - 00 \\ 1.32914612E - 00 - 9.2648154E - 00 - 9.
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   3.19053106E-08-4.37176465E-12-1.53698834E+04 6.63590408E+01
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-3.01950173E+04-1.58860515E+02-7.10374501E+00 1.32171435E-01-9.17031943E-05
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-3.14819269E+04-1.56215031E+02-6.98425007E+00 1.28258850E-01-8.40995448E-05
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-2.89762145E+04-1.57643874E+02-7.40730066E+00 1.32001449E-01-9.04410599E-05
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    3.32178361E+01 4.03491132E-02-1.41647325E-05 2.23797857E-09-1.31443080E-13
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-3.22773892E+04-1.49883552E+02-4.73746547E+00 1.20713786E-01-7.61106277E-05
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    2.26116304E-08-2.48169920E-12-1.82761436E+04 5.68919266E+01
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-2.89601492E + 04 - 1.57484641E + 02 - 7.21379935E + 00 1.31370730E - 01 - 8.96991607E - 05
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    2.98603117E-08-3.88992551E-12-1.41305643E+04 6.67458861E+01
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    3.42364091E+01 3.95250966E-02-1.38908291E-05 2.19640198E-09-1.29073079E-13
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-2.89762145E+04-1.57643874E+02-7.40730066E+00 1.32001449E-01-9.04410599E-05
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     3.02414833E-08-3.96231768E-12-1.40950698E+04 6.76145893E+01
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      3.39362487E+01 3.97732020E-02-1.39745682E-05 2.20925389E-09-1.29811671E-13
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      2.65640204E-08-3.22393074E-12-1.67051913E+04 6.20678521E+01
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      2.26116304E-08-2.48169920E-12-1.82761436E+04 5.68919266E+01
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      3.12582966E-08-4.07841164E-12-3.45540224E+04 5.78332859E+01
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 -4.71649911E + 04 - 1.74006007E + 02 - 5.93360030E + 00 \quad 1.40400470E - 01 - 9.91173253E - 05 \quad 1.40400470E - 01 - 9.91173253E - 00 \quad 1.40400470E - 01 - 9.91173253E - 00 \quad 1.40400470E - 01 - 9.91173253E - 00 \quad 1.40400470E - 01 - 9.91173255E - 0.9117325E - 0.9117425E - 0.9117325E - 0.9117425E - 0.91
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      3.48669995E-08-4.93342448E-12-3.15131689E+04 6.37892936E+01
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 -4.84018806E + 04 - 1.75199519E + 02 - 5.42284740E + 00 1.39331650E - 01 - 9.82798741E - 05
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      3.46545750E-08-4.93579150E-12-3.28478713E+04 6.06240574E+01
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3.48669995E-08-4.93342448E-12-3.15131689E+04 6.37892936E+01
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      3.14495162E-08-4.20537333E-12-3.62660118E+04 5.72251048E+01
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93031929E-08-5.92080896E-12-3.50091691E+04 6.33456442E+01
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 -4.71649911E + 04 - 1.74006007E + 02 - 5.93360030E + 00 \\ 1.40400470E - 01 - 9.91173253E - 05 \\ 1.40400470E - 01 - 9.91173255E - 00 \\ 1.40400470E - 01 - 9.91173255E - 00 \\ 1.40400470E - 01 - 9.91173255E - 00 \\ 1.40400470E - 01 - 9.9117325E - 00 \\ 1.40400470E - 01 - 9.91173255E - 00 \\ 1.40400470E - 01 - 9.9117325E - 00 \\ 1.40400470E - 01 - 9.911725E - 00 \\ 1.40400470E - 00 - 9.911725E - 00 - 9.911725E - 00 \\ 1.40400470E - 00 - 9.911725E - 00 - 9.91
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     3.48669995E-08-4.93342448E-12-3.15131689E+04 6.37892936E+01
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 -4.84018806E + 04 - 1.75199519E + 02 - 5.42284740E + 00 \quad 1.39331650E - 01 - 9.82798741E - 05 - 1.39331650E - 01 - 1.393316E - 01 - 1.393316E - 01 - 1.39350E -
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3.81049259E+01 4.11317992E-02-1.44955247E-05 2.29616943E-09-1.35103697E-13
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 -4.71649911E + 04 - 1.74006007E + 02 - 5.93360030E + 00 \quad 1.40400470E - 01 - 9.91173253E - 05 \quad 1.40400470E - 01 - 9.91173253E - 00 \quad 1.40400470E - 01 - 9.91173254E - 00 \quad 1.40400470E - 00 - 9.911742E - 00 \quad 1.404004E - 00 - 9.911742E - 00 - 9.
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      3.48669995E-08-4.93342448E-12-3.15131689E+04 6.37892936E+01
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                                                                                 3/7 THERMC
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pchqFqjB
      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqFqjC
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      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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                                                                                 3/7 THERMC
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pchqFqjD
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      3.88373944E+01 4.05106382E-02-1.42813385E-05 2.26273461E-09-1.33156480E-13
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 -5.07396104E + 04 - 1.78381883E + 02 - 6.08974001E + 00 \\ 1.44286101E - 01 - 1.05987354E - 04 \\ 1.44286101E - 01 - 1.0598744E - 04 \\ 1.44286101E - 01 - 1.05987354E - 04 \\ 1.44286101E - 01 - 1.0598744E - 04 \\ 1.44286101E - 01 - 04 \\ 1.44286101E - 04 \\ 1.44286101E
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      3.93031929E-08-5.92080896E-12-3.50091691E+04 6.33456442E+01
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pchaFajE
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      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqFqjF
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      3.84063258E+01 4.09609297E-02-1.44561917E-05 2.29213299E-09-1.34955672E-13
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  -5.18124253E+04-1.76675679E+02-4.78260868E+00 1.36374920E-01-9.34049806E-05
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      3.14495162E-08-4.20537333E-12-3.62660118E+04 5.72251048E+01
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pchqFqjG
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      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E+04-1.77195990E+02-6.53459910E+00 1.45105767E-01-1.06481256E-04
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqFqjH
      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqFqjI
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      3.87112327E + 01 4.05677748E - 02 - 1.42898047E - 05 2.26287206E - 09 - 1.33116180E - 13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqGqjA
      3.81049259E+01 4.11317992E-02-1.44955247E-05 2.29616943E-09-1.35103697E-13
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 -4.71649911E+04-1.74006007E+02-5.93360030E+00 1.40400470E-01-9.91173253E-05
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      3.48669995E-08-4.93342448E-12-3.15131689E+04 6.37892936E+01
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      3.87112327E+01 4.05677748E-02-1.42898047E-05 2.26287206E-09-1.33116180E-13
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqGqjC
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 -4.95010770E + 04 - 1.77195990E + 02 - 6.53459910E + 00 \quad 1.45105767E - 01 - 1.06481256E - 04 - 1.06481256
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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      3.88373944E+01 4.05106382E-02-1.42813385E-05 2.26273461E-09-1.33156480E-13
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 -5.07396104E + 04 - 1.78381883E + 02 - 6.08974001E + 00 1.44286101E - 01 - 1.05987354E - 04
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      3.93031929E-08-5.92080896E-12-3.50091691E+04 6.33456442E+01
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 -4.95010770E+04-1.77195990E+02-6.53459910E+00 1.45105767E-01-1.06481256E-04
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqGqjF
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 -4.95010770E+04-1.77195990E+02-6.53459910E+00 1.45105767E-01-1.06481256E-04
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      3.93124023E-08-5.87499986E-12-3.36856930E+04 6.61961691E+01
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pchqGqjG
      3.84063258E+01 4.09609297E-02-1.44561917E-05 2.29213299E-09-1.34955672E-13
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-5.18124253E+04-1.76675679E+02-4.78260868E+00 1.36374920E-01-9.34049806E-05
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   3.14495162E-08-4.20537333E-12-3.62660118E+04 5.72251048E+01
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                                      3/7 THERMC
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pchoAaB
   3.60041124E+01 3.82305872E-02-1.34922970E-05 2.13937170E-09-1.25967486E-13
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3
   3.26210071E-08-4.37867058E-12-4.77565209E+04 6.83308968E+01
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                                      3/7 THERMC 9h 16o 3
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pchoAqC
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   3.54183172E+01 3.86794591E-02-1.36350232E-05 2.16028027E-09-1.27126034E-13
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3
   2.95917939E-08-3.89452626E-12-4.88330773E+04 5.92397970E+01
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                                      3/7 THERMC 9h 16o 3
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pchoAqD
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   3.56268779E+01 3.84375171E-02-1.35375267E-05 2.14362448E-09-1.26098872E-13
                                                                                                                                                                                                                       2
-6.48244012E + 04 - 1.64632632E + 02 - 5.58024101E + 00 \quad 1.30329031E - 01 - 9.04824647E - 05 - 10.04824647E - 00 - 10.04824
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   3.09800547E-08-4.22230357E-12-5.00973963E+04 5.81974395E+01
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                                      3/7 THERMC 9h 16o
pchoAqE
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   3.54183172E+01 3.86794591E-02-1.36350232E-05 2.16028027E-09-1.27126034E-13
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 -6.35743002E+04-1.63022748E+02-5.63517108E+00 1.29436139E-01-8.85263032E-05
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   2.95917939E-08-3.89452626E-12-4.88330773E+04 5.92397970E+01
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pchoBqA
                                      3/7 THERMC 9h 160
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   3.45423705E+01 3.93797596E-02-1.38678694E-05 2.19579279E-09-1.29162487E-13
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3
   2.36702638E-08-2.71934488E-12-4.97843861E+04 5.37405608E+01
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pchoBqC
                                      3/7 THERMC
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   3.57387617E+01 3.85307913E-02-1.36130699E-05 2.16006889E-09-1.27248920E-13
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-6.69618309E+04-1.65030306E+02-8.02752406E+00 1.36075042E-01-9.46811974E-05
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   3.19941241E-08-4.22702552E-12-5.13746504E+04 7.15567510E+01
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                                      3/7 THERMC 9h 16o
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pchoBaD
   3.53316003E+01 3.88146134E-02-1.36961130E-05 2.17139117E-09-1.27838874E-13
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3
   2.99454835E-08-3.99290499E-12-5.37360218E+04 6.08146165E+01
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                                      3/7 THERMC 9h 16o
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pchoBaE
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   3.51553632E+01 \quad 3.89760420E-02-1.37542051E-05 \quad 2.18069421E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.28389588E-138420E-09-1.2838958E-138420E-09-1.2838958E-138420E-09-1.2838958E-138420E-09-1.2838958E-138420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-1.28420E-09-
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   2.89332438E-08-3.73615105E-12-5.24536398E+04 6.24016070E+01
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pchoBaF
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   3.51553632E+01 3.89760420E-02-1.37542051E-05 2.18069421E-09-1.28389588E-13
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-6.73381091E + 04 - 1.61211598E + 02 - 6.10463182E + 00 \quad 1.29567195E - 01 - 8.77834598E - 05 - 1.29567195E - 01 - 1.29567195
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   2.89332438E-08-3.73615105E-12-5.24536398E+04 6.24016070E+01
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                                      3/7 THERMC 9h 16o
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   2.
3
   2.98164088E-08-3.91166864E-12-5.00186252E+04 6.69708292E+01
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                                      3/7 THERMC
                                                                       9h 16o
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                                                                                                                   0G
                                                                                                                                  300.000 5000.000 1386.000
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   3.59005225E+01 3.83732904E-02-1.35542140E-05 2.15040486E-09-1.26666744E-13
                                                                                                                                                                                                                        2
-6.69917206E + 04 - 1.65805689E + 02 - 9.16115578E + 00 \quad 1.40954267E - 01 - 1.01512745E - 04 - 1.40954267E - 01 - 1.01512745E - 01 - 1.40954267E - 01 - 1.01512745E - 01 - 1.40954267E - 01 - 1.40954267
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   3.59742680E - 08 - 5.05944501E - 12 - 5.11603790E + 04 7.70173186E + 01
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                                                                          9h 16o
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                                                                                                                              300.000 5000.000 1381.000
                                      3/7 THERMC
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   3.62202481E+01 3.80963583E-02-1.34580959E-05 2.13538810E-09-1.25793350E-13
3
   2.97368110E-08-3.75065544E-12-5.21319350E+04 6.46031112E+01
                                      3/7 THERMC
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   3.53167408E+01 3.88186972E-02-1.36953604E-05 2.17102710E-09-1.27807024E-13
                                                                                                                                                                                                                       2
-6.73678674E + 04 - 1.61984919E + 02 - 7.24189292E + 00 1.34459115E - 01 - 9.46311111E - 05
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   3.29219143E-08-4.57018221E-12-5.22387244E+04 6.78797117E+01
                                      3/7 THERMC
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   3.53167408E+01 3.88186972E-02-1.36953604E-05 2.17102710E-09-1.27807024E-13
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-6.73678674E + 04 - 1.61984919E + 02 - 7.24189292E + 00 1.34459115E - 01 - 9.46311111E - 05
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   3.29219143E-08-4.57018221E-12-5.22387244E+04 6.78797117E+01
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                                      3/7 THERMC
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   3.53167408E+01 3.88186972E-02-1.36953604E-05 2.17102710E-09-1.27807024E-13
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3.29219143E-08-4.57018221E-12-5.22387244E+04 6.78797117E+01
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                                        3/7 THERMC
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pchoEqA
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   3.47609050E+01 3.92768837E-02-1.38506246E-05 2.19499605E-09-1.29192624E-13
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3
   2.98164088E-08-3.91166864E-12-5.00186252E+04 6.69708292E+01
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                                        3/7 THERMC
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pchoEqB
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   3.54604392E+01 3.86959002E-02-1.36536832E-05 2.16466163E-09-1.27444267E-13
                                                                                                                                                                                                                                    2
3
   3.03894379\mathtt{E} - 08 - 3.88132795\mathtt{E} - 12 - 5.19757473\mathtt{E} + 04 \quad 7.03071106\mathtt{E} + 01
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pchoEqC
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   3.54604392E+01 3.86959002E-02-1.36536832E-05 2.16466163E-09-1.27444267E-13
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3
   3.03894379E-08-3.88132795E-12-5.19757473E+04 7.03071106E+01
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                                        3/7 THERMC 9h 160
pchoEqD
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   3.62202481E+01 3.80963583E-02-1.34580959E-05 2.13538810E-09-1.25793350E-13
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3
   2.97368110E-08-3.75065544E-12-5.21319350E+04 6.46031112E+01
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pchoEqF
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   3.59005225E+01 3.83732904E-02-1.35542140E-05 2.15040486E-09-1.26666744E-13
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-6.69917206E + 04 - 1.65805689E + 02 - 9.16115578E + 00 \quad 1.40954267E - 01 - 1.01512745E - 04 - 1.40954267E - 01 - 1.01512745E - 01 - 1.40954267E - 01 - 1.01512745E - 01 - 1.40954267E - 01 - 1.40954267
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   3.59742680E-08-5.05944501E-12-5.11603790E+04 7.70173186E+01
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pchoEqG
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   3.54604392E+01 3.86959002E-02-1.36536832E-05 2.16466163E-09-1.27444267E-13
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-6.74010940E + 04 - 1.63153128E + 02 - 7.68443440E + 00 1.34143986E - 01 - 9.19671694E - 05
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   3.03894379E-08-3.88132795E-12-5.19757473E+04 7.03071106E+01
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pchoEqH
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   3.54604392E+01 3.86959002E-02-1.36536832E-05 2.16466163E-09-1.27444267E-13
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-6.74010940E + 04 - 1.63153128E + 02 - 7.68443440E + 00 1.34143986E - 01 - 9.19671694E - 05
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   3.03894379E-08-3.88132795E-12-5.19757473E+04 7.03071106E+01
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pchoEqI
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                                        3/7 THERMC
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   3.53167408E+01 \quad 3.88186972E-02-1.36953604E-05 \quad 2.17102710E-09-1.27807024E-13 \quad 3.88186972E-02-1.36953604E-05 \quad 3.88186972E-02-1.36954604E-05 \quad 3.88186972E-02-1.36954604E-05 \quad 3.881869604E-05 \quad 3.88186604E-05 \quad 3.8818660404E-05 \quad 3.88186604E-05 \quad 3.88186604E-05 \quad 3.88186604E-05 \quad 3.8818660404E-05 \quad 3.881866040404E-05 \quad 3.8818660404E-05 \quad 3.8818660404E-05 \quad 3.88186604040404E-05 \quad 3.881866040404040404040404040
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-6.73678674E + 04 - 1.61984919E + 02 - 7.24189292E + 00 \\ 1.34459115E - 01 - 9.46311111E - 05 \\ 1.34459115E - 01 - 9.463111E - 01 - 9.463111E - 01 - 9.46311E - 
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   3.29219143E-08-4.57018221E-12-5.22387244E+04 6.78797117E+01
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                               1/18/ 8 THERMC
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pchoFqA
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3
   3.67027009E-08-5.97698432E-12-5.05092309E+04 4.96572984E+01
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                                                                                                                                          300.000 5000.000 1389.000
pchoFqB
                               1/18/ 8 THERMC
                                                                                9h 16o
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                                                                                                                            0G
                                                                                                                                                                                                                                 51
   3.33308396E+01 \quad 3.97264416E-02-1.38265948E-05 \quad 2.17180713E-09-1.27031126E-138265948E-108 \quad 2.17180713E-09-1.27031126E-138265948E-108 \quad 2.17180713E-109-1.27031126E-138265948E-108 \quad 2.17180713E-109-1.27031126E-138265948E-109-1.27031126E-138265948E-109-1.27031126E-138265948E-109-1.27031126E-138265948E-109-1.27031126E-138265948E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27031126E-109-1.27001126E-109-1.27001126E-109-1.27001126E-1
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3
   3.92025235E-08-6.54266798E-12-5.27702689E+04 4.93534953E+01
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pchoFqC
   3.50177888E+01 3.90903869E-02-1.37923120E-05 2.18643936E-09-1.28713840E-13
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3
   3.15367537E-08-4.44045528E-12-5.27736506E+04 6.00717648E+01
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pchoFqD
   3.53152855E+01 3.86564231E-02-1.36032357E-05 2.15288509E-09-1.26598552E-13
                                                                                                                                                                                                                                    2
-6.86358861E + 04 - 1.62155349E + 02 - 5.88189922E + 00 1.31915876E - 01 - 9.39410727E - 05
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   3.36650282E-08-4.90298598E-12-5.39980620E+04 6.02185837E+01
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pchoFqE
                                        3/7 THERMC
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   3.55977670E+01 3.86489215E-02-1.36526624E-05 2.16606343E-09-1.27588365E-13
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-6.69921969E+04-1.63882170E+02-7.63142319E+00 1.36560517E-01-9.75749100E-05
                                                                                                                                                                                                                                    3
   3.46599553E-08-4.94404674E-12-5.16899654E+04 6.93522537E+01
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pchoFaG
   3.55977670E+01 3.86489215E-02-1.36526624E-05 2.16606343E-09-1.27588365E-13
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-6.69921969E+04-1.63882170E+02-7.63142319E+00 1.36560517E-01-9.75749100E-05
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   3.46599553E-08-4.94404674E-12-5.16899654E+04 6.93522537E+01
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pchoFaH
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   3.50177888E+01 3.90903869E-02-1.37923120E-05 2.18643936E-09-1.28713840E-13
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-6.73685902E + 04 - 1.60079929E + 02 - 5.68277543E + 00 1.29966069E - 01 - 9.05658942E - 05
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   3.15367537E-08-4.44045528E-12-5.27736506E+04 6.00717648E+01
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pchoFaI
                          3/7 THERMC
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  3.50177888E+01 3.90903869E-02-1.37923120E-05 2.18643936E-09-1.28713840E-13
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-6.73685902E + 04 - 1.60079929E + 02 - 5.68277543E + 00 1.29966069E - 01 - 9.05658942E - 05
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  3.15367537E-08-4.44045528E-12-5.27736506E+04 6.00717648E+01
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  3.50177888E+01 3.90903869E-02-1.37923120E-05 2.18643936E-09-1.28713840E-13
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  3.15367537\mathtt{E} - 08 - 4.44045528\mathtt{E} - 12 - 5.27736506\mathtt{E} + 04 \ 6.00717648\mathtt{E} + 01
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                         3/7 THERMC 9h 16o
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pchoGqD
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  3.53152855E+01 3.86564231E-02-1.36032357E-05 2.15288509E-09-1.26598552E-13
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3
  3.36650282E-08-4.90298598E-12-5.39980620E+04 6.02185837E+01
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pchoGqE
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  3.50177888E+01 3.90903869E-02-1.37923120E-05 2.18643936E-09-1.28713840E-13
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-6.73685902E+04-1.60079929E+02-5.68277543E+00 1.29966069E-01-9.05658942E-05
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  3.15367537E-08-4.44045528E-12-5.27736506E+04 6.00717648E+01
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pchoGaF
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  3.55977670E+01 3.86489215E-02-1.36526624E-05 2.16606343E-09-1.27588365E-13
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3
  3.46599553E-08-4.94404674E-12-5.16899654E+04 6.93522537E+01
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pchoAoiB
                    7/ 6/ 7 THERMC 9h 15o
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  3.18793908E+01 3.69208333E-02-1.29131413E-05 2.03554451E-09-1.19373722E-13
                                                                                                                                                  2.
-4.31232839E+04-1.46426234E+02-8.61940325E+00 1.27785937E-01-8.86858133E-05
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  2.98451834E-08-3.89302486E-12-2.88152244E+04 7.21900319E+01
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pchoAojC
                   7/ 6/ 7 THERMC
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  3.17551987E+01 3.65156332E-02-1.26659126E-05 1.98618859E-09-1.16077385E-13
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-4.36353515E+04-1.45096835E+02-7.05396458E+00 1.22615922E-01-8.31809978E-05
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  2.71571545E-08-3.38995619E-12-2.98355378E+04 6.47312322E+01
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pchoAoiD
                  7/ 6/ 7 THERMC
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  3.24922185E+01 3.54571717E-02-1.22211900E-05 1.90968946E-09-1.11373084E-13
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  2.62607642E-08-3.16057501E-12-3.11471571E+04 6.21376407E+01
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pchoBojA
  3.12891981E+01 3.66206702E-02-1.26527078E-05 1.98009787E-09-1.15593449E-13
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  1.82008457E-08-1.51273830E-12-3.08714619E+04 5.65658179E+01
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pchoBoiC
                    7/ 6/ 7 THERMC
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  3.14751123E+01 3.75073671E-02-1.31688001E-05 2.08096752E-09-1.22240539E-13
                                                                                                                                                  2.
-4.68556746E + 04 - 1.43868178E + 02 - 8.79004704E + 00 \quad 1.26671791E - 01 - 8.62984755E - 05 \quad 1.26671791E - 01 - 1.26671791
                                                                                                                                                  3
  2.83589342E-08-3.59092992E-12-3.24824950E+04 7.39544965E+01
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                  7/ 6/ 7 THERMC 9h 150
pchoBojD
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  3.17714011E+01 3.64963808E-02-1.26625263E-05 1.98634031E-09-1.16124165E-13
                                                                                                                                                  2
-4.86930098E + 04 - 1.45319937E + 02 - 7.10354497E + 00 \\ 1.21968523E - 01 - 8.18527265E - 05 \\ -05 - 1.21968523E - 1.45319937E + 02 - 7.10354497E + 00 \\ -05 - 1.21968523E - 1.45319937E + 0.10354497E + 0.103544497E + 0.103544497E + 0.103544497E + 0.103544497E + 0.103544497E + 0.10354497E + 0.1
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  2.63166093E-08-3.21839547E-12-3.47744557E+04 6.51698910E+01
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                    7/ 6/ 7 THERMC
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  3.11399327E+01 3.74490628E-02-1.30736158E-05 2.05835508E-09-1.20612097E-13
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3
  2.66074923E-08-3.32197151E-12-3.34838437E+04 6.71097066E+01
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                    7/ 6/ 7 THERMC
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  3.08879018E+01 3.75002436E-02-1.30583185E-05 2.05277587E-09-1.20165568E-13
                                                                                                                                                  2.
-4.50407108E+04-1.39995337E+02-8.00117998E+00 1.22753967E-01-8.18452386E-05
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  2.61436986E-08-3.17445152E-12-3.10789752E+04 7.06802702E+01
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                    7/ 6/ 7 THERMC
                                                   9h 15o
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  3.16014094E+01 3.74304959E-02-1.31488327E-05 2.07851854E-09-1.22124507E-13
                                                                                                                                                  2
-4.68810314E+04-1.44462309E+02-9.77629517E+00 1.30905043E-01-9.22140702E-05
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  3.18255976E-08-4.32183702E-12-3.22905801E+04 7.87315532E+01
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                    7/ 6/ 7 THERMC
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pchoCoiD
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  3.26059863E+01 3.58538055E-02-1.24569515E-05 1.95604115E-09-1.14436016E-13
                                                                                                                                                  2.
-4.76638469E+04-1.50927707E+02-7.94735698E+00 1.24667246E-01-8.32678040E-05
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  2.59945527E-08-2.96299872E-12-3.31803839E+04 6.86544089E+01
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                  7/ 6/ 7 THERMC
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pchoCojE
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3.10163286E+01 3.78760823E-02-1.32897797E-05 2.09907800E-09-1.23259710E-13
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 -4.72548347E + 04 - 1.40630326E + 02 - 7.84832341E + 00 \quad 1.24390913E - 01 - 8.53170354E - 05 - 1.24390913E - 1.24390915E - 1.
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      2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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      3.10163286E+01 3.78760823E-02-1.32897797E-05 2.09907800E-09-1.23259710E-13
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      2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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      3.08879018\mathtt{E} + 01 \quad 3.75002436\mathtt{E} - 02 - 1.30583185\mathtt{E} - 05 \quad 2.05277587\mathtt{E} - 09 - 1.20165568\mathtt{E} - 13
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      2.61436986E-08-3.17445152E-12-3.10789752E+04 7.06802702E+01
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      3.10163286E+01 3.78760823E-02-1.32897797E-05 2.09907800E-09-1.23259710E-13
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 -4.72548347E + 04 - 1.40630326E + 02 - 7.84832341E + 00 \quad 1.24390913E - 01 - 8.53170354E - 05 - 1.24390913E - 1.24390915E - 1.
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      2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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pchoEojC
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 -4.72548347E + 04 - 1.40630326E + 02 - 7.84832341E + 00 \quad 1.24390913E - 01 - 8.53170354E - 05 - 1.24390913E - 1.24390915E - 1.
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      2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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      3.26059863E+01 3.58538055E-02-1.24569515E-05 1.95604115E-09-1.14436016E-13
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 -4.76638469E+04-1.50927707E+02-7.94735698E+00 1.24667246E-01-8.32678040E-05
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      2.59945527E-08-2.96299872E-12-3.31803839E+04 6.86544089E+01
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pchoEoiF
      3.16014094E+01 3.74304959E-02-1.31488327E-05 2.07851854E-09-1.22124507E-13
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 -4.68810314E+04-1.44462309E+02-9.77629517E+00 1.30905043E-01-9.22140702E-05
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      3.18255976E-08-4.32183702E-12-3.22905801E+04 7.87315532E+01
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pchoEojG
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      3.10163286E+01 3.78760823E-02-1.32897797E-05 2.09907800E-09-1.23259710E-13
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 -4.72548347E + 04 - 1.40630326E + 02 - 7.84832341E + 00 \quad 1.24390913E - 01 - 8.53170354E - 05 - 1.24390913E - 1.24390915E - 1.
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     2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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 -4.72548347E + 04 - 1.40630326E + 02 - 7.84832341E + 00 \quad 1.24390913E - 01 - 8.53170354E - 05 - 1.24390913E - 1.24390915E - 1.
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     2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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     3.10163286E+01 3.78760823E-02-1.32897797E-05 2.09907800E-09-1.23259710E-13
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     2.87665379E-08-3.83121702E-12-3.33708020E+04 6.95493571E+01
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     3.00305086E+01 \quad 3.64947792E-02-1.23456070E-05 \quad 1.90472253E-09-1.10094240E-13 \quad 3.00305086E+01 \quad 3.003086E+01 \quad 3
                                                                                                                                                                                                                                                                                                                                                                                               2.
 -4.34851703E + 04 - 1.31564603E + 02 - 4.35983830E + 00 \\ 1.16804160E - 01 - 8.40227685E - 05 \\ 1.16804160E - 01 - 8.402276E - 00 \\ 1.16804160E - 01 - 8.402276E - 00 \\ 1.16804160E - 01 - 8.402276E - 00 \\ 1.16804160E - 00 - 8.40276E - 00 \\ 1.168040E - 00 - 8.40276E - 00 \\ 1.1680400E - 00 - 8.40276E - 00 \\ 1.16
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      3.10749566E-08-4.68706021E-12-3.15729226E+04 5.30921518E+01
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                                                     1/18/ 8 THERMC
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pchoFojB
      2.95117939E+01 3.78373634E-02-1.29808829E-05 2.01973827E-09-1.17369763E-13
                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.54201246E + 04 - 1.28526047E + 02 - 4.76906418E + 00 \quad 1.21156716E - 01 - 9.20121615E - 05 \quad 1.21156716E - 01 - 9.20121615E - 01 - 9.20121615
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      3.67886302E-08-6.06810075E-12-3.37837182E+04 5.45290159E+01
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                                                     7/ 6/ 7 THERMC
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pchoFojC
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     3.19009713E+01 3.60497703E-02-1.24436090E-05 1.94612905E-09-1.13559812E-13
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      2.82664646E-08-3.68211530E-12-3.37652600E+04 6.57878374E+01
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pchoFoiD
      3.19926235E+01 3.60295345E-02-1.24487159E-05 1.94813423E-09-1.13723880E-13
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 -4.88565730E + 04 - 1.46187664E + 02 - 6.64101400E + 00 1.22013398E - 01 - 8.36945432E - 05
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      2.80464601E-08-3.67855667E-12-3.50975586E+04 6.26792748E+01
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pchoFojE
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      3.16081628E+01 3.70743610E-02-1.29502506E-05 2.03977541E-09-1.19559642E-13
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 -4.69497751E+04-1.44173520E+02-8.89378408E+00 1.29235573E-01-9.18978258E-05
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      3.23479211E-08-4.52842262E-12-3.27197642E+04 7.40872295E+01
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      3.16081628E+01 3.70743610E-02-1.29502506E-05 2.03977541E-09-1.19559642E-13
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-4.69497751E+04-1.44173520E+02-8.89378408E+00 1.29235573E-01-9.18978258E-05
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    3.23479211E-08-4.52842262E-12-3.27197642E+04 7.40872295E+01
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    3.19009713E+01 3.60497703E-02-1.24436090E-05 1.94612905E-09-1.13559812E-13
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    2.82664646E-08-3.68211530E-12-3.37652600E+04 6.57878374E+01
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pchoFojI
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    3.19009713E+01 3.60497703E-02-1.24436090E-05 1.94612905E-09-1.13559812E-13
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    2.82664646E-08-3.68211530E-12-3.37652600E+04 6.57878374E+01
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pchoGojD 7/6/7 THERMC 9h 150 2 0G 300.000 5000.000 1377.000
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    3.19926235E+01 3.60295345E-02-1.24487159E-05 1.94813423E-09-1.13723880E-13
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-4.88565730E + 04 - 1.46187664E + 02 - 6.64101400E + 00 \\ 1.22013398E - 01 - 8.36945432E - 05 \\ 1.22013398E - 01 - 8.369454842E - 05 \\ 1.2201398E - 01 - 8.3694842E - 05 \\ 1.2201388E - 00 - 8.3694842E - 00 \\ 1.2201388E - 00 - 8.3694842E - 00 \\ 1.22013888E - 00 - 8.3694842E - 00 \\ 1.2201388E - 00 - 8.3694842E - 00 \\ 1.2201388E - 00 - 8.3694842E - 00 \\ 1.2201888E - 00 - 8.3694842E - 00 \\ 1.2201888E - 00 - 8.3694842E - 00 \\ 1.2201888E - 00 - 
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    2.80464601E-08-3.67855667E-12-3.50975586E+04 6.26792748E+01
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    3.19009713E+01 3.60497703E-02-1.24436090E-05 1.94612905E-09-1.13559812E-13
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 -4.76390228E+04-1.45211811E+02-7.14073681E+00 1.23059233E-01-8.45179002E-05
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    2.82664646E-08-3.68211530E-12-3.37652600E+04 6.57878374E+01
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pchoGoiF
                                     7/ 6/ 7 THERMC 9h 150
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    3.16081628E+01 3.70743610E-02-1.29502506E-05 2.03977541E-09-1.19559642E-13
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 -4.69497751E+04-1.44173520E+02-8.89378408E+00 1.29235573E-01-9.18978258E-05
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    3.23479211E-08-4.52842262E-12-3.27197642E+04 7.40872295E+01
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ApchohB
                                             3/14/7 THERMC 9h 17o
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    3.02199926E+01 4.00075858E-02-1.38770782E-05 2.17533378E-09-1.27075848E-13
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-3.51907796E+04-1.37673925E+02-8.53544797E+00 1.25938803E-01-8.44205835E-05
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    2.75191639E-08-3.46357878E-12-2.13732267E+04 7.19314902E+01
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BochohA
    2.56451664E+01 4.48380133E-02-1.59315165E-05 2.55101854E-09-1.51583145E-13
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-3.18512866E+04-1.09908973E+02-8.63800115E+00 1.21717072E-01-7.68626023E-05
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    2.26898348E-08-2.45892009E-12-2.03470861E+04 7.43046234E+01
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BochohC
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    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
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-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \\ 1.21242170E - 01 - 7.58790623E - 05 \\ 1.21242170E - 01 - 7.58790625E - 05 \\ 1.21242170E - 00 - 7.58790625E - 00 - 7.5879062E - 00 - 7.5879
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    2.16536553E-08-2.08801343E-12-2.26659304E+04 7.19488858E+01
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CpchohB
    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
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-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \quad 1.21242170E - 01 - 7.58790623E - 05 \quad 1.21242170E - 01 - 7.58790622E - 05 \quad 1.21242170E - 01 - 7.58790622E - 05 \quad 1.21242170E - 01 - 7.5879062E - 00 - 7.5879062
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    2.16536553E-08-2.08801343E-12-2.26659304E+04 7.19488858E+01
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                                             3/14/7 THERMC 9h 17o
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    3.10490524E+01 \quad 3.81609625E-02-1.30176873E-05 \quad 2.02033115E-09-1.17276619E-13
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3
    2.02338172E-08-1.67644530E-12-2.39705350E+04 6.95511391E+01
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                                             3/14/7 THERMC
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    2.99217965E+01 4.02534436E-02-1.39599176E-05 2.18803268E-09-1.27805036E-13
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-3.74574020E + 04 - 1.35628358E + 02 - 7.30301599E + 00 \quad 1.20867243E - 01 - 7.77706056E - 05 \quad 1.20867245E - 00 - 7.7770605E - 00 - 7.77706
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    2.38440141E-08-2.72551087E-12-2.39828011E+04 6.63986860E+01
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                                              3/14/7 THERMC
                                                                                                    9h 17o
                                                                                                                                                                  0G
                                                                                                                                                                                       300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                           41
                                                                                                                                             1
    2.99217965E+01 4.02534436E-02-1.39599176E-05 2.18803268E-09-1.27805036E-13
-3.74574020E + 04 - 1.35628358E + 02 - 7.30301599E + 00 1.20867243E - 01 - 7.77706056E - 05
                                                                                                                                                                                                                                                                                                               3
    2.38440141E-08-2.72551087E-12-2.39828011E+04 6.63986860E+01
                                              3/14/7 THERMC
                                                                                                          9h 17o
                                                                                                                                                1
                                                                                                                                                                    0G
                                                                                                                                                                                        300.000 5000.000 1374.000
                                                                                                                                                                                                                                                                                                           41
    3.10490524E+01 3.81609625E-02-1.30176873E-05 2.02033115E-09-1.17276619E-13
                                                                                                                                                                                                                                                                                                              2
-3.80890645E + 04 - 1.41894013E + 02 - 7.82997644E + 00 1.20431499E - 01 - 7.43820544E - 05
                                                                                                                                                                                                                                                                                                              3
    2.02338172E-08-1.67644530E-12-2.39705350E+04 6.95511391E+01
                                              3/14/7 THERMC
                                                                                                           9h 17o
                                                                                                                                                                    0G
                                                                                                                                                                                        300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                           41
                                                                                                                                              1
    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
                                                                                                                                                                                                                                                                                                              2
-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \\ 1.21242170E - 01 - 7.58790623E - 05 \\ 1.21242170E - 01 - 7.58790625E - 05 \\ 1.21242170E - 00 - 7.58790625E - 00 - 7.5879062E - 00 - 7.5879
                                                                                                                                                                                                                                                                                                              3
   2.16536553E-08-2.08801343E-12-2.26659304E+04 7.19488858E+01
                                                                                                                                                                                                                                                                                                               4
                                                                                                          9h 17o
                                              3/14/7 THERMC
                                                                                                                                                1
                                                                                                                                                                  0G
                                                                                                                                                                                        300.000 5000.000 1383.000
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    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
                                                                                                                                                                                                                                                                                                              2.
-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \\ 1.21242170E - 01 - 7.58790623E - 05 \\ 1.21242170E - 01 - 7.58790625E - 05 \\ 1.21242170E - 00 - 7.58790625E - 00 - 7.5879062E - 00 - 7.5879
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2.16536553E-08-2.08801343E-12-2.26659304E+04 7.19488858E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 17o 1 0G
                                                                                                                                                                                300.000 5000.000 1383.000
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    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
                                                                                                                                                                                                                                                                                                           2.
-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \quad 1.21242170E - 01 - 7.58790623E - 05 \quad 1.21242170E - 01 - 1.21242170
                                                                                                                                                                                                                                                                                                           3
    2.1653653E-08-2.08801343E-12-2.26659304E+04 7.19488858E+01
                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                                                     300.000 5000.000 1383.000
                                             3/14/7 THERMC 9h 17o
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GpchohF
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                                                                                                                                                          0G
    3.00236718E+01 3.97548661E-02-1.37052134E-05 2.14031654E-09-1.24724978E-13
                                                                                                                                                                                                                                                                                                           2
-3.65458956E + 04 - 1.35758686E + 02 - 8.18910002E + 00 \\ 1.21242170E - 01 - 7.58790623E - 05 \\ 1.21242170E - 01 - 7.58790625E - 05 \\ 1.21242170E - 00 - 7.58790625E - 00 - 7.5879062E - 00 -
                                                                                                                                                                                                                                                                                                           3
    2.16536553\mathtt{E} - 08 - 2.08801343\mathtt{E} - 12 - 2.26659304\mathtt{E} + 04 \quad 7.19488858\mathtt{E} + 01
                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                            0G
                                             3/14/7 THERMC 9h 16o
                                                                                                                                                                                300.000 5000.000 1392.000
pcho-AB
                                                                                                                                          1
                                                                                                                                                                                                                                                                                                       21
    2.98551182E+01 3.89919310E-02-1.36094001E-05 2.14217184E-09-1.25494113E-13
                                                                                                                                                                                                                                                                                                           2
-3.79485735E + 04 - 1.41976147E + 02 - 1.10554380E + 01 \\ 1.30886249E - 01 - 9.03730800E - 05 \\ -0.03730800E - 0.03730800E - 0.0373080E - 0.0375080E - 0.0375080E - 0.03750E - 0.0375080E - 0.03750E - 0.03750E - 0.03750E - 0.03750E - 0.03750E - 0.03750E 
                                                                                                                                                                                                                                                                                                           3
    3.03747148E-08-3.96443137E-12-2.35022065E+04 7.88291612E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 16o 1
                                                                                                                                                            0G
                                                                                                                                                                                300.000 5000.000 1394.000
                                                                                                                                                                                                                                                                                                       21
    3.04531276E+01 3.84533819E-02-1.34166359E-05 2.11133779E-09-1.23668080E-13
                                                                                                                                                                                                                                                                                                           2
-4.02897035E+04-1.45136931E+02-1.16739868E+01 1.35616260E-01-9.77570059E-05
                                                                                                                                                                                                                                                                                                           3
    3.48435486E-08-4.91480433E-12-2.56704620E+04 8.13293604E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC
                                                                                                   9h 16o
                                                                                                                                          1
                                                                                                                                                                0G
                                                                                                                                                                                      300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                                                       21
    3.05545002E+01 3.84412393E-02-1.34286502E-05 2.11488712E-09-1.23942037E-13
                                                                                                                                                                                                                                                                                                           2
 -4.15175899E+04-1.46180944E+02-1.11529136E+01 1.34518456E-01-9.69099340E-05
                                                                                                                                                                                                                                                                                                           3
    3.46504977E-08-4.92610509E-12-2.70070721E+04 7.81133839E+01
                                                                                                                                                                                                                                                                                                           4
pcho-DE
                                             3/14/7 THERMC
                                                                                                   9h 16o
                                                                                                                                           1
                                                                                                                                                             0G
                                                                                                                                                                                      300.000 5000.000 1390.000
                                                                                                                                                                                                                                                                                                       31
    3.10732539E+01 3.77916570E-02-1.32537400E-05 2.09281916E-09-1.22872459E-13
                                                                                                                                                                                                                                                                                                           2.
-4.17682012E + 04 - 1.49201214E + 02 - 1.11332577E + 01 1.34211978E - 01 - 9.60359873E - 05
                                                                                                                                                                                                                                                                                                           3
    3.38410465E-08-4.71383243E-12-2.70055324E+04 7.80606566E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 16o
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pcho-EF
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    3.09645440E+01 3.78170025E-02-1.32477104E-05 2.09034417E-09-1.22666457E-13
                                                                                                                                                                                                                                                                                                           2
-4.05378153E+04-1.48116790E+02-1.16499989E+01 1.35296862E-01-9.68742695E-05
                                                                                                                                                                                                                                                                                                           3
    3.40361405E-08-4.70435374E-12-2.56697205E+04 8.12553983E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 16o
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                                                                                                                                                                               300.000 5000.000 1392.000
pcho-FG
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                                                                                                                                          1
    2
-4.05378153E + 04 - 1.48116790E + 02 - 1.16499989E + 01 \\ 1.35296862E - 01 - 9.68742695E - 05 \\ -050762E - 050762E - 050762E
                                                                                                                                                                                                                                                                                                           3
    3.40361405E-08-4.70435374E-12-2.56697205E+04 8.12553983E+01
                                                                                                                                                                                                                                                                                                           4
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                                             3/14/7 THERMC 9h 16o
                                                                                                                                                            OG 300.000 5000.000 1393.000
                                                                                                                                          1
pcho-AC
    2
3
    3.31293152E-08-4.43667690E-12-2.34514362E+04 8.86058362E+01
                                                                                                                                                                                                                                                                                                           4
                                                                                                                                                             OG 300.000 5000.000 1391.000
pcho-AD
                                             3/14/7 THERMC 9h 16o
                                                                                                                                          1
                                                                                                                                                                                                                                                                                                       01
    2.96586989E+01 3.98271632E-02-1.38615497E-05 2.17810872E-09-1.27458343E-13
                                                                                                                                                                                                                                                                                                           2.
-5.01542754E + 04 - 1.45612522E + 02 - 1.46986029E + 01 \\ 1.40841430E - 01 - 9.96268588E - 05 \\ 1.40841430E - 01 - 9.9626888E - 05 \\ 1.40841430E - 01 - 9.9626888E - 05 \\ 1.40841430E - 01 - 9.9626888E - 05 \\ 1.40841430E - 01 - 9.962688E - 05 \\ 1.40841430E - 01 - 9.962688E - 05 \\ 1.40841430E - 01 - 9.962688E - 05 \\ 1.4084148E - 01 - 9.96268E - 00 \\ 1.4084148E - 00 - 9.96268E - 00 - 9.96268E - 00 \\ 1.4084148E - 00 - 9.96268E - 
                                                                                                                                                                                                                                                                                                           3
    3.43393650E-08-4.60613754E-12-3.46715164E+04 9.32364140E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 16o
                                                                                                                                           1
                                                                                                                                                                OG 300.000 5000.000 1398.000
                                                                                                                                                                                                                                                                                                       01
    2.88803084E+01 3.90170600E-02-1.32733600E-05 2.05541149E-09-1.19102947E-13
                                                                                                                                                                                                                                                                                                           2
-5.12609367E + 04 - 1.54989343E + 02 - 1.73470759E + 01 1.49140662E - 01 - 1.11863344E - 04
                                                                                                                                                                                                                                                                                                           3
    4.13751864E-08-6.00244747E-12-3.57210592E+04 9.20233664E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC 9h 16o
                                                                                                                                           1
                                                                                                                                                                  0G
                                                                                                                                                                                     300.000 5000.000 1376.000
                                                                                                                                                                                                                                                                                                       01
    3.08923300E+01 4.01077000E-02-1.42582856E-05 2.27175685E-09-1.34209685E-13
                                                                                                                                                                                                                                                                                                           2
-5.00445865E + 04 - 1.58815902E + 02 - 1.53274239E + 01 \\ 1.39436805E - 01 - 9.22998161E - 05 \\ -05 - 1.39436805E - 1.39486805E - 1.39486805
                                                                                                                                                                                                                                                                                                           3
    2.86361338E-08-3.30911283E-12-3.32024014E+04 9.23652648E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC
                                                                                                                                                                                                                                                                                                       11
pcho-BD
                                                                                                         9h 160
                                                                                                                                                                   0G
                                                                                                                                                                                      300.000 5000.000 1394.000
    3.02545248E+01 3.91296454E-02-1.36688664E-05 2.15273197E-09-1.26161726E-13
                                                                                                                                                                                                                                                                                                           2
-4.20854955E+04-1.47325588E+02-1.35836913E+01 1.41089628E-01-1.03279197E-04
                                                                                                                                                                                                                                                                                                           3
    3.75340607E-08-5.42345941E-12-2.69513760E+04 8.80479871E+01
                                             3/14/7 THERMC
                                                                                                         9h 16o
                                                                                                                                           1
                                                                                                                                                                   0G
                                                                                                                                                                                      300.000 5000.000 1393.000
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pcho-BE
    3.03968141E+01 3.91945330E-02-1.37344915E-05 2.16765081E-09-1.27225001E-13
                                                                                                                                                                                                                                                                                                           2
-5.14411456E+04-1.49252450E+02-1.52289437E+01 1.43988922E-01-1.03887088E-04
                                                                                                                                                                                                                                                                                                           3
    3.66275461E-08-5.05724452E-12-3.55963079E+04 9.61238085E+01
                                                                                                                                                                                                                                                                                                           4
                                             3/14/7 THERMC
                                                                                                         9h 16o
pcho-BF
                                                                                                                                               1
                                                                                                                                                                  0G
                                                                                                                                                                                      300.000 5000.000 1391.000
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    3.06985721E+01 3.91914601E-02-1.37914878E-05 2.18275531E-09-1.28360745E-13
                                                                                                                                                                                                                                                                                                           2.
-5.48885133E+04-1.55024513E+02-1.66096149E+01\ 1.47221622E-01-1.05924112E-04
                                                                                                                                                                                                                                                                                                           3
    3.69704796E-08-5.02302509E-12-3.84011267E+04 9.96161929E+01
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pcho-BG
                                        3/14/7 THERMC 9h 16o 1
                                                                                                                                          0G
                                                                                                                                                               300.000 5000.000 1376.000
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   3.20472387E+01 3.88387639E-02-1.38524992E-05 2.21187684E-09-1.30867305E-13
                                                                                                                                                                                                                                                                        2.
-5.26391282E + 04 - 1.65183523E + 02 - 1.57378441E + 01 1.43061373E - 01 - 9.75814020E - 05
                                                                                                                                                                                                                                                                        3
   3.14856652E-08-3.85811900E-12-3.53991405E+04 9.39292899E+01
                                                                                                                                                                                                                                                                        4
                                        3/14/7 THERMC 9h 160 1 0G
                                                                                                                                                          300.000 5000.000 1393.000
pcho-CE
                                                                                                                                                                                                                                                                     21
    3.06661802E+01 3.85028132E-02-1.34867410E-05 2.12797229E-09-1.24872199E-13
                                                                                                                                                                                                                                                                        2
-4.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ 1.41726656E - 01 - 1.03059096E - 04 \\ - 04.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ 1.41726656E - 01 - 1.03059096E - 04 \\ - 04.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 04 - 1.49264739E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 02 - 1.40397517E + 02 - 1.40397517E + 01 \\ - 04.11037949E + 02 - 1.40397517E + 02 - 1.40397
                                                                                                                                                                                                                                                                        3
    3.68139191E-08-5.17947021E-12-2.56214031E+04 9.09911028E+01
                                                                                                                                                                                                                                                                        4
                                   3/14/7 THERMC 9h 160 1 0G 300.000 5000.000 1391.000
pcho-CF
                                                                                                                                                                                                                                                                     21
    3.09186005E+01 3.85373445E-02-1.35558654E-05 2.14489078E-09-1.26110644E-13
                                                                                                                                                                                                                                                                        2
-5.16914544E + 04 - 1.52286543E + 02 - 1.52029511E + 01 \\ 1.43659619E - 01 - 1.02977403E - 04 \\ 1.43659619E - 01 - 1.0297403E - 04 \\ 1.43659619E - 01 - 1.02974804 - 04
                                                                                                                                                                                                                                                                        3
   3.57913122E-08-4.83795706E-12-3.55959091E+04 9.60404169E+01
                                                                                                                                                                                                                                                                        4
                                3/14/7 THERMC 9h 16o 1 0G 300.000 5000.000 1389.000
pcho-CG
                                                                                                                                                                                                                                                                     21
    3.12351605E+01 3.85044240E-02-1.35989054E-05 2.15744834E-09-1.27083582E-13
                                                                                                                                                                                                                                                                        2
 -5.51418207E+04-1.58135875E+02-1.65863406E+01 1.46902511E-01-1.05010808E-04
                                                                                                                                                                                                                                                                        3
    3.61135780E-08-4.79540103E-12-3.84003655E+04 9.95452556E+01
                                                                                                                                                                                                                                                                        4
                                        3/14/7 THERMC 9h 16o 1
                                                                                                                                      0G
                                                                                                                                                                300.000 5000.000 1390.000
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    3.13021253E+01 3.78110656E-02-1.33100318E-05 2.10695425E-09-1.23917679E-13
                                                                                                                                                                                                                                                                        2
3
    3.58325213E-08-4.97938409E-12-2.69533332E+04 8.78095243E+01
                                                                                                                                                                                                                                                                        4
pcho-DG
                                        3/14/7 THERMC 9h 16o
                                                                                                                           1
                                                                                                                                          0G
                                                                                                                                                                300.000 5000.000 1387.000
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    3.15754751E+01 3.78061860E-02-1.33610026E-05 2.12058231E-09-1.24946617E-13
                                                                                                                                                                                                                                                                        2.
 -5.31795146E+04-1.56547203E+02-1.46755625E+01 1.42305028E-01-1.01286180E-04
                                                                                                                                                                                                                                                                        3
    3.47675651E-08-4.62443868E-12-3.69289114E+04 9.28343936E+01
                                                                                                                                                                                                                                                                        4
                                     3/14/7 THERMC 9h 16o
                                                                                                                          1
                                                                                                                                       0G
                                                                                                                                                           300.000 5000.000 1391.000
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pcho-EG
    3.11877702E+01 3.78453455E-02-1.33079213E-05 2.10517200E-09-1.23755096E-13
                                                                                                                                                                                                                                                                        2
3
    3.59958192E-08-4.96376628E-12-2.56196149E+04 9.09450877E+01
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                                     3/14/7 THERMC 9h 160 1 0G
                                                                                                                                                          300.000 5000.000 1391.000
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pcho-EI
    3.11877702E+01 3.78453455E-02-1.33079213E-05 2.10517200E-09-1.23755096E-13
                                                                                                                                                                                                                                                                        2.
-4.13543005E + 04 - 1.52298363E + 02 - 1.40214599E + 01 \quad 1.41423611E - 01 - 1.02182763E - 04 \quad 1.41423611E - 01 - 1.02182764E - 04 \quad 1.414276E - 04 \quad 1.41427
                                                                                                                                                                                                                                                                        3
    3.59958192E-08-4.96376628E-12-2.56196149E+04 9.09450877E+01
                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                                     31
pcho-FH
                                        3/14/7 THERMC 9h 160 1 0G 300.000 5000.000 1391.000
    3.11877702E+01 3.78453455E-02-1.33079213E-05 2.10517200E-09-1.23755096E-13
                                                                                                                                                                                                                                                                        2
-4.13543005E + 04 - 1.52298363E + 02 - 1.40214599E + 01 \\ 1.41423611E - 01 - 1.02182763E - 04 \\ 1.41423611E - 01 - 1.02182764E - 04 \\ 1.41424764E - 04 - 1.02182764E - 04 \\ 1.4142476E - 04 - 1.02182764E - 04 \\ 1.4142476E - 04 - 1.02182764E - 04 \\ 1.41424764E - 04 - 1.02182764E - 04 \\ 1.4142476E - 04 - 1.02182764E - 04 \\ 1.414276E - 04 - 1.02182
                                                                                                                                                                                                                                                                        3
   3.59958192E-08-4.96376628E-12-2.56196149E+04 9.09450877E+01
                                                                                                                                                                                                                                                                        4
                                    1/21/ 8 THERMC 9h 160
                                                                                                                          1
                                                                                                                                          OG 300.000 5000.000 1398.000
                                                                                                                                                                                                                                                                     31
    2.74222144E+01 3.99642542E-02-1.37895250E-05 2.15354343E-09-1.25460632E-13
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-4.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ 1.45973726E - 01 - 1.20096269E - 04 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.26053016E + 02 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.40031541E + 04 - 1.40031541E + 01 \\ -04.41052827E + 04 - 1.40031541E + 04 - 1.40031541E
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   5.14325849E-08-8.93574526E-12-3.06146373E+04 9.31966295E+01
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                                    1/17/ 8 THERMC 9h 150
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                                                                                                                                          OG 300.000 5000.000 1379.000
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    3.01708679E+01 3.56765766E-02-1.23660645E-05 1.93853975E-09-1.13276075E-13
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-3.14715385E + 04 - 1.39365990E + 02 - 7.68482278E + 00 1.18350041E - 01 - 7.83113593E - 05
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   2.44723789E-08-2.83400972E-12-1.78903867E+04 6.57549447E+01
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                                    1/17/ 8 THERMC 9h 150
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                                                                                                                                             0G
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    2.88622886E+01 3.67089369E-02-1.27000263E-05 1.98799878E-09-1.16036610E-13
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3
   1.76862665E-08-1.59018552E-12-1.69287780E+04 5.10130896E+01
                                     1/23/ 8 THERMC 9h 150
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                                                                                                                                               0G
   2.85741415E+01 3.71931383E-02-1.30088404E-05 2.05057537E-09-1.20249755E-13
-2.76041370E + 04 - 1.28456677E + 02 - 7.64727326E + 00 1.14635128E - 01 - 7.32928613E - 05
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   2.20609745E-08-2.44565134E-12-1.43640426E+04 6.85296275E+01
                                     1/23/ 8 THERMC
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    2.46392494E+01 4.14764369E-02-1.48626255E-05 2.39286895E-09-1.42707182E-13
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-2.28017353E+04-1.04572951E+02-6.60738741E+00 1.09651094E-01-6.65903592E-05
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   1.82759196E-08-1.72387924E-12-1.21291964E+04 6.40060538E+01
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                                     1/23/ 8 THERMC
                                                                                             9h 15o
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    2.31338824E+01 4.32236201E-02-1.55597622E-05 2.51078048E-09-1.49913682E-13
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3
   1.17363117E-08-5.71849360E-13-1.34927273E+04 5.26582432E+01
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                                    1/23/ 8 THERMC 9h 15o 1 0G 300.000 5000.000 1391.000
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ApchoE
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2.68941930E+01 3.78364167E-02-1.30492321E-05 2.03732728E-09-1.18666705E-13
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3
    2.90960029E-08-4.41429368E-12-1.43843984E+04 5.70808416E+01
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    2.46392494E+01 4.14764369E-02-1.48626255E-05 2.39286895E-09-1.42707182E-13
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    1.82759196E-08-1.72387924E-12-1.21291964E+04 6.40060538E+01
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    2.73930575E+01 3.66587233E-02-1.24891682E-05 1.93488425E-09-1.12124637E-13
-2.59035140E + 04 - 1.18176265E + 02 - 4.17393004E + 00 \quad 1.09528608E - 01 - 7.69230401E - 05 \quad 1.09528608E - 01 - 1.09528608
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    2.80116001E-08-4.19917475E-12-1.48344493E+04 5.17033065E+01
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                                          1/23/ 8 THERMC 9h 150 1
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FpchoA
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    2.46392494E+01 4.14764369E-02-1.48626255E-05 2.39286895E-09-1.42707182E-13
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-2.28017353E + 04 - 1.04572951E + 02 - 6.60738741E + 00 \quad 1.09651094E - 01 - 6.65903592E - 05 - 6.6590592E - 0
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    1.82759196E-08-1.72387924E-12-1.21291964E+04 6.40060538E+01
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                                          1/23/ 8 THERMC 9h 150
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    2.99219626E+01 3.62467305E-02-1.26342149E-05 1.98723374E-09-1.16369436E-13
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-3.13673886E + 04 - 1.37891945E + 02 - 8.67474531E + 00 1.22793685E - 01 - 8.49751253E - 05
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    2.87281910E-08-3.79837251E-12-1.77015668E+04 7.05169513E+01
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CpchoB
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    3.01708679E+01 3.56765766E-02-1.23660645E-05 1.93853975E-09-1.13276075E-13
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 -3.14715385E+04-1.39365990E+02-7.68482278E+00 1.18350041E-01-7.83113593E-05
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    2.44723789E-08-2.83400972E-12-1.78903867E+04 6.57549447E+01
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                                          1/23/ 8 THERMC
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DpchoB
    2.23176394E+01 4.44011334E-02-1.60700929E-05 2.60105952E-09-1.55590373E-13
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-2.66936299E+04-9.05613888E+01-4.45054852E+00 9.87515348E-02-5.24988972E-05
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   1.12515906E-08-4.97208360E-13-1.71297509E+04 5.53564889E+01
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                                          1/23/ 8 THERMC 9h 15o
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EpchoB
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    2.41993523E+01 4.20261249E-02-1.50941754E-05 2.43363797E-09-1.45275649E-13
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-2.64814481E + 04 - 1.01743808E + 02 - 7.07149754E + 00 1.09806233E - 01 - 6.60126597E - 05
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    1.78075778E-08-1.62356430E-12-1.57513140E+04 6.71359725E+01
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                                          1/23/ 8 THERMC 9h 150
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BpchoE
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    2.78087385E+01 3.57222234E-02-1.20577408E-05 1.85781570E-09-1.07290908E-13
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-2.73966161E + 04 - 1.19960482E + 02 - 5.10191231E + 00 \quad 1.07988291E - 01 - 7.01526444E - 05 \quad 1.07988291E - 01 - 1.07988291
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    2.19403828E-08-2.57754284E-12-1.56350243E+04 5.82159395E+01
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                                          1/23/ 8 THERMC 9h 150
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BpchoF
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    2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
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-2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \quad 1.03208420E - 01 - 6.56134125E - 05 \quad 1.03208420E - 01 - 6.56134125E - 00 \quad 1.03208420E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.5613420E - 00 - 6.561420E - 00 - 6.561420E - 00 - 6.561420E - 00 
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    2.01757158E - 08 - 2.34265070E - 12 - 1.61802852E + 04 5.01011171E + 01
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                                          1/23/ 8 THERMC 9h 150 1
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FpchoB
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    2.41993523E+01 4.20261249E-02-1.50941754E-05 2.43363797E-09-1.45275649E-13
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    1.78075778E-08-1.62356430E-12-1.57513140E+04 6.71359725E+01
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    2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
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-2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \quad 1.03208420E - 01 - 6.56134125E - 05 \quad 1.03208420E - 01 - 6.56134125E - 00 \quad 1.03208420E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.5613420E - 00 - 6.561400E - 00 - 6.561400E - 00 - 6.561400E - 00 
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    2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
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                                          1/23/ 8 THERMC
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GpchoB
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    2.41993523E+01 4.20261249E-02-1.50941754E-05 2.43363797E-09-1.45275649E-13
-2.64814481E + 04 - 1.01743808E + 02 - 7.07149754E + 00 1.09806233E - 01 - 6.60126597E - 05
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   1.78075778E-08-1.62356430E-12-1.57513140E+04 6.71359725E+01
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DpchoC
                                          1/23/ 8 THERMC
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    2.99219626E+01 3.62467305E-02-1.26342149E-05 1.98723374E-09-1.16369436E-13
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-3.13673886E+04-1.37891945E+02-8.67474531E+00 1.22793685E-01-8.49751253E-05
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    2.87281910E-08-3.79837251E-12-1.77015668E+04 7.05169513E+01
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CpchoE
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    2.78087385E+01 3.57222234E-02-1.20577408E-05 1.85781570E-09-1.07290908E-13
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-2.73966161E + 04 - 1.19960482E + 02 - 5.10191231E + 00 \quad 1.07988291E - 01 - 7.01526444E - 05 - 1.07988291E - 01 - 1.07988291
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    2.19403828E-08-2.57754284E-12-1.56350243E+04 5.82159395E+01
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EpchoC
                                          1/23/ 8 THERMC
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    2.90162197E+01 3.57998231E-02-1.23270231E-05 1.92501870E-09-1.12220452E-13
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-2.91565436E+04-1.30012390E+02-7.24081886E+00 1.09427717E-01-6.32326685E-05
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     1.46323891E-08-6.06491692E-13-1.56625119E+04 6.83022426E+01
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 CpchoF
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      2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
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 -2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \quad 1.03208420E - 01 - 6.56134125E - 05 \quad 1.03208420E - 01 - 6.56134125E - 00 \quad 1.03208420E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.5613420E - 00 - 6.5613400E - 00 - 6.561400E - 00 - 6.561400E - 00
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     2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
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                                                          1/23/ 8 THERMC 9h 150 1 0G 300.000 5000.000 1366.000
 FpchoC
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      2.90162197E+01 3.57998231E-02-1.23270231E-05 1.92501870E-09-1.12220452E-13
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 -2.91565436E + 04 - 1.30012390E + 02 - 7.24081886E + 00 \quad 1.09427717E - 01 - 6.32326685E - 05 \quad 1.09427717E - 01 - 1.094277717E - 01 - 1.09427717E - 01 - 1.094277717E - 01 - 1.0942777717E - 01 - 1.09427777E - 01 - 1.0942777E - 01 - 1.0942777E - 01 - 1.0942777E - 01
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     1.46323891E-08-6.06491692E-13-1.56625119E+04 6.83022426E+01
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                                                          1/23/ 8 THERMC 9h 15o 1 0G 300.000 5000.000 1378.000
 CpchoG
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      2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
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 -2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \\ 1.03208420E - 01 - 6.56134125E - 05 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.078682984 + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868298 + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868298 + 02 - 3.47868298 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 0
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      2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
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      2.90162197E+01 3.57998231E-02-1.23270231E-05 1.92501870E-09-1.12220452E-13
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 -2.91565436E+04-1.30012390E+02-7.24081886E+00 1.09427717E-01-6.32326685E-05
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     1.46323891E-08-6.06491692E-13-1.56625119E+04 6.83022426E+01
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DpchoE
                                                          1/23/ 8 THERMC 9h 15o
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      2.86023779E+01 3.65389006E-02-1.26367972E-05 1.97670699E-09-1.15292127E-13
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 -2.96226584E+04-1.27332115E+02-6.08093872E+00 1.19471190E-01-8.94322313E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      3.47675620E - 08 - 5.54864386E - 12 - 1.77453675E + 04 5.83015535E + 01
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DochoF
                                                          1/23/ 8 THERMC 9h 150
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      2.58350001E+01 3.80038195E-02-1.29571058E-05 2.00826876E-09-1.16409320E-13
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 3
     1.33718486E-08-1.14062589E-12-1.75547751E+04 3.83960851E+01
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                                                          1/23/ 8 THERMC
                                                                                                                                          9h 15o
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                                                                                                                                                                                                                         0G
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DpchoG
      2.58350001E+01 3.80038195E-02-1.29571058E-05 2.00826876E-09-1.16409320E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -2.76975410E + 04 - 1.08026076E + 02 - 8.68467946E - 019.21132918E - 02 - 5.18749690E - 05
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     1.33718486E-08-1.14062589E-12-1.75547751E+04 3.83960851E+01
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                                                         1/23/ 8 THERMC 9h 150 1
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EnchoF
      2.91045159E+01 3.53555026E-02-1.20742510E-05 1.87383250E-09-1.08723436E-13
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 3
     3.37068087E-08-5.33824182E-12-1.81943166E+04 5.29571315E+01
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                                                         1/23/ 8 THERMC 9h 15o 1 0G 300.000 5000.000 1393.000
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     2.86023779E + 01 \quad 3.65389006E - 02 - 1.26367972E - 05 \quad 1.97670699E - 09 - 1.15292127E - 13 \quad 1.97670699E - 09 - 1.15292127E - 10 \quad 1.9767069E - 10 \quad 1
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -2.96226584E + 04 - 1.27332115E + 02 - 6.08093872E + 00 \quad 1.19471190E - 01 - 8.94322313E - 05 \quad 1.19471190E - 01 - 1.19471190
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     3.47675620E - 08 - 5.54864386E - 12 - 1.77453675E + 04 5.83015535E + 01
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                                                          1/23/ 8 THERMC 9h 150
                                                                                                                                                                                                                           OG 300.000 5000.000 1378.000
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      2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \\ 1.03208420E - 01 - 6.56134125E - 05 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868293E + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.078682984 + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868298 + 02 - 3.47707081E + 00 \\ -0507949E + 01 - 1.07868298 + 02 - 3.47868298 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 02 - 3.4786829 + 0
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     2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
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                                                          1/23/ 8 THERMC
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      2.78087385E+01 3.57222234E-02-1.20577408E-05 1.85781570E-09-1.07290908E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -2.73966161E + 04 - 1.19960482E + 02 - 5.10191231E + 00 \quad 1.07988291E - 01 - 7.01526444E - 05 \quad 1.07988291E - 01 - 1.07988291
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     2.19403828E-08-2.57754284E-12-1.56350243E+04 5.82159395E+01
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                                                           1/23/ 8 THERMC
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      2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
 -2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \quad 1.03208420E - 01 - 6.56134125E - 05 \quad 1.03208420E - 01 - 6.56134125E - 00 \quad 1.03208420E - 00 - 6.56134120E - 00 - 6.561340E - 00 - 6.561420E - 00 - 6.561420E - 00
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     2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
                                                           1/23/ 8 THERMC
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      2.78087385E+01 3.57222234E-02-1.20577408E-05 1.85781570E-09-1.07290908E-13
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 -2.73966161E+04-1.19960482E+02-5.10191231E+00 1.07988291E-01-7.01526444E-05
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     2.19403828E-08-2.57754284E-12-1.56350243E+04 5.82159395E+01
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      2.78087385E+01 3.57222234E-02-1.20577408E-05 1.85781570E-09-1.07290908E-13
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 -2.73966161E + 04 - 1.19960482E + 02 - 5.10191231E + 00 \quad 1.07988291E - 01 - 7.01526444E - 05 - 1.07988291E - 01 - 1.07988291
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     2.19403828E-08-2.57754284E-12-1.56350243E+04 5.82159395E+01
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     2.91045159E+01 3.53555026E-02-1.20742510E-05 1.87383250E-09-1.08723436E-13
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3.37068087E-08-5.33824182E-12-1.81943166E+04 5.29571315E+01
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                                 1/23/ 8 THERMC 9h 150 1
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GpchoF
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   2.91045159E+01 3.53555026E-02-1.20742510E-05 1.87383250E-09-1.08723436E-13
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   3.37068087E-08-5.33824182E-12-1.81943166E+04 5.29571315E+01
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HpchoF
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   2.74874792E+01 3.59481194E-02-1.21240390E-05 1.86685463E-09-1.07761079E-13
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-2.73607949E + 04 - 1.17868293E + 02 - 3.47707081E + 00 \quad 1.03208420E - 01 - 6.56134125E - 05 \quad 1.03208420E - 01 - 6.56134125E - 00 \quad 1.03208420E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.56134120E - 00 - 6.5613420E - 00 - 6.5613400E - 00 - 6.561400E - 00 - 6.561400E - 00
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   2.01757158E-08-2.34265070E-12-1.61802852E+04 5.01011171E+01
                                                                               9h 16
                                                                                                                                                300.000 5000.000 1385.000
pche1
                                 3/14/ 7 THERMC
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   2.73374593E+01 3.82152425E-02-1.32622462E-05 2.07988387E-09-1.21544261E-13
                                                                                                                                                                                                                                             2
-2.34239849E + 04 - 1.28131462E + 02 - 9.73003587E + 00 \\ 1.18168326E - 01 - 7.58416274E - 05 \\ 1.18168426E - 01 - 7.5841624E - 05 \\ 1.18168426E - 01 - 7.584162E - 05 \\ 1.18168426E - 01 - 7.584162E - 05 \\ 1.1816842E - 00 - 7.584162E - 00 - 7.584162
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   2.28047765E-08-2.48240899E-12-1.00088848E+04 7.30984483E+01
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                                 3/14/ 7 THERMC 9h 16
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   2.68578253E+01 3.86130503E-02-1.33969436E-05 2.10061347E-09-1.22738288E-13
                                                                                                                                                                                                                                              2
 -2.46191974E+04-1.24746880E+02-9.32025536E+00\ 1.15369153E-01-7.18473602E-05
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   2.05361028E-08-2.02122010E-12-1.13914695E+04 7.21192734E+01
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                                 3/14/ 7 THERMC
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   2.70485360E+01 3.84972806E-02-1.33667978E-05 2.09689330E-09-1.22560478E-13
                                                                                                                                                                                                                                             2
 -2.52676740E+04-1.25005996E+02-9.76207821E+00 1.18211438E-01-7.64139087E-05
                                                                                                                                                                                                                                              3
   2.34524134E-08-2.67476665E-12-1.19500731E+04 7.47628381E+01
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                                 3/14/ 7 THERMC
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pche4
   2.58501012E+01 3.85635122E-02-1.32657880E-05 2.06764814E-09-1.20294002E-13
                                                                                                                                                                                                                                             2
-2.35601610 \pm +04 -1.15105292 \pm +02 -7.32073560 \pm +00 \quad 1.15508053 \pm -01 -8.16673304 \pm -05
                                                                                                                                                                                                                                              3
   2.98747575E-08-4.48819427E-12-1.19696258E+04 6.32636657E+01
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                                 3/14/ 7 THERMC
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pche5
   2.57170848E+01 3.87370065E-02-1.33382103E-05 2.08019877E-09-1.21073220E-13
                                                                                                                                                                                                                                             2
-2.28780454E+04-1.15078054E+02-7.71000874E+00 1.16105464E-01-8.17794788E-05
                                                                                                                                                                                                                                             3
   2.96771717E-08-4.40690675E-12-1.11943253E+04 6.47061131E+01
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                                 3/14/ 7 THERMC
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pche6
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   2
-2.30481423E+04-1.15394562E+02-7.75748952E+00 1.16063611E-01-8.15100778E-05
                                                                                                                                                                                                                                             3
   2.94598544E-08-4.35637078E-12-1.13061010E+04 6.49789642E+01
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                                 3/14/ 7 THERMC 9h 15
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Apche2
   2.75312793E+01 3.60877560E-02-1.26560519E-05 1.99841809E-09-1.17328708E-13
                                                                                                                                                                                                                                             2
-6.56615342E + 03 - 1.29202265E + 02 - 9.84852017E + 00 \quad 1.18075723E - 01 - 7.89987726E - 05 - 1.0987726E - 00 \quad 1.09
                                                                                                                                                                                                                                             3
   2.53824759E-08-3.11745082E-12 6.86794900E+03 7.33109819E+01
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                                 3/14/ 7 THERMC 9h 15
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Dpche2
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   1.40707422E-08-6.62464047E-13 4.38956947E+03 6.72395485E+01
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Cpche4
                                 3/14/ 7 THERMC 9h 15
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   2.58135126E+01 3.65903890E-02-1.27059812E-05 1.99288940E-09-1.16453056E-13
                                                                                                                                                                                                                                              2
-6.70187880E + 03 - 1.16428959E + 02 - 7.35730021E + 00 \quad 1.12366552E - 01 - 7.87827692E - 05 \quad 1.12366552E - 01 - 1.87827692E - 01 - 1.8782762E - 01 
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   2.82706784E-08-4.15150794E-12 5.01801921E+03 6.23764680E+01
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Dpche5
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   2.53361450E+01 3.71257021E-02-1.29193917E-05 2.02919705E-09-1.18688368E-13
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-7.09394899E+03-1.14577941E+02-8.22791171E+00 1.13507833E-01-7.92919812E-05
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   2.83571934E-08-4.15695907E-12 4.80844832E+03 6.64749348E+01
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                                 3/14/ 7 THERMC
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Epche6
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   2.57346125E+01 3.67395674E-02-1.27757272E-05 2.00568925E-09-1.17276016E-13
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-6.19091890E + 03 - 1.16758021E + 02 - 7.60873944E + 00 1.12215487E - 01 - 7.76522425E - 05
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   2.72923377E-08-3.90257310E-12 5.65015905E+03 6.32080852E+01
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Fpche7
   2.57346125E+01 3.67395674E-02-1.27757272E-05 2.00568925E-09-1.17276016E-13
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-6.19091890E + 03 - 1.16758021E + 02 - 7.60873944E + 00 1.12215487E - 01 - 7.76522425E - 05
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   2.72923377E-08-3.90257310E-12 5.65015905E+03 6.32080852E+01
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   2.90714687E+01 3.64083818E-02-1.25741311E-05 1.96642078E-09-1.14714257E-13
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-1.64606057E+04-1.33434040E+02-8.50976090E+00 1.16962304E-01-7.43881362E-05
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   2.15065634E-08-2.10480335E-12-2.87611282E+03 7.06538246E+01
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pcheloiC
                                         3/14/7 THERMC
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    3.09957447E+01 3.42482726E-02-1.17281944E-05 1.82504120E-09-1.06139532E-13
                                                                                                                                                                                                                                                                                2.
-1.80391406E + 04 - 1.44907287E + 02 - 1.06207542E + 01 \quad 1.29817619E - 01 - 9.32020846E - 05 \quad 1.29817619E - 01 - 9.32020846E - 01 - 9.320846E - 01 - 9.320846E - 
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    3.23131566E-08-4.30784211E-12-3.67370463E+03 7.87683353E+01
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                                         3/14/7 THERMC
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pche2ojD
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    3.06208911E+01 3.44214736E-02-1.17558385E-05 1.82600947E-09-1.06060267E-13
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-2.10689854E + 04 - 1.41741851E + 02 - 8.84017138E + 00 \\ 1.23471382E - 01 - 8.57394420E - 05 \\ 1.23471482E - 00 - 8.57394420E - 00 - 8.573944420E - 00 - 8.5739444400E - 00 - 8.573944400E - 00 - 8.573944400E - 00 - 8.573944400E - 00 - 8.57394400E - 00 - 8.57394400
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    2.84767113E-08-3.57337257E-12-7.28770430E+03 7.09106896E+01
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                                         3/14/7 THERMC 9h 15o 1
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pche3ojB
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    3.06924562E+01 3.44998803E-02-1.18132036E-05 1.83808815E-09-1.06889051E-13
                                                                                                                                                                                                                                                                                2
-1.98656579E + 04 - 1.41668423E + 02 - 1.05889713E + 01 \\ 1.29636184E - 01 - 9.35506423E - 05 \\ -0.05889713E + 0.05889713E + 0.05889718E + 0
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    3.28518929E-08-4.47874948E-12-5.62571346E+03 8.01269990E+01
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                                         3/14/7 THERMC 9h 15o 1
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pche4ojC
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    2.94586251E+01 3.44880016E-02-1.16599226E-05 1.79795344E-09-1.03875529E-13
                                                                                                                                                                                                                                                                                2
 -1.81242095E+04-1.31512150E+02-8.24768516E+00 1.27271105E-01-9.93549740E-05
                                                                                                                                                                                                                                                                                3
    3.95915462E-08-6.35295866E-12-5.62620215E+03 6.91188451E+01
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pche3ojE
                                     3/14/7 THERMC 9h 15o 1
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    3.06924562E+01 3.44998803E-02-1.18132036E-05 1.83808815E-09-1.06889051E-13
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-1.98656579E+04-1.41668423E+02-1.05889713E+01 1.29636184E-01-9.35506423E-05
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    3.28518929E-08-4.47874948E-12-5.62571346E+03 8.01269990E+01
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pche5ojD
                                         3/14/7 THERMC
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    2.93077194E+01 3.46892206E-02-1.17380444E-05 1.81049230E-09-1.04602534E-13
                                                                                                                                                                                                                                                                                2.
 -1.92242786E+04-1.31026383E+02-7.60799163E+00 1.25959207E-01-9.84540325E-05
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    3.93699818E-08-6.34120085E-12-7.03438806E+03 6.52383346E+01
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pche4ojF
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    2.94586251E+01 3.44880016E-02-1.16599226E-05 1.79795344E-09-1.03875529E-13
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    3.95915462E-08-6.35295866E-12-5.62620215E+03 6.91188451E+01
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pche6oiE
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    2.92459486E+01 3.48136536E-02-1.17999453E-05 1.82236560E-09-1.05390533E-13
                                                                                                                                                                                                                                                                                2
-1.75515234E+04-1.31072280E+02-8.68738997E+00 1.27968525E-01-9.95685349E-05
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    3.94849665E-08-6.30013662E-12-4.96539872E+03 7.08225738E+01
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pche5ojG
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    2.92599391E+01 3.47528456E-02-1.17683257E-05 1.81633454E-09-1.04995421E-13
                                                                                                                                                                                                                                                                                2
-1.74107615\mathtt{E} + 04 - 1.31107902\mathtt{E} + 02 - 8.82063231\mathtt{E} + 00 \quad 1.28711630\mathtt{E} - 01 - 1.00772327\mathtt{E} - 04 - - 1.00772327\mathtt{E} - 04
                                                                                                                                                                                                                                                                                3
    4.02253328E-08-6.45737923E-12-4.82363685E+03 7.14074526E+01
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    2.92459486E+01 3.48136536E-02-1.17999453E-05 1.82236560E-09-1.05390533E-13
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   3.94849665E-08-6.30013662E-12-4.96539872E+03 7.08225738E+01
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   3.38497855E+01 4.21170826E-02-1.47192579E-05 2.31865550E-09-1.35899044E-13
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   3.12161260E-08-4.29828800E-12-3.88525176E+04 6.62782812E+01
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    3.38497855E+01 4.21170826E-02-1.47192579E-05 2.31865550E-09-1.35899044E-13
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-5.33311744E + 04 - 1.52786701E + 02 - 6.67130994E + 00 \quad 1.32730375E - 01 - 9.10595448E - 05 - 1.0595448E - 00 - 1.059548E - 00 - 1.0595448E - 00 - 1.059
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   3.12161260E-08-4.29828800E-12-3.88525176E+04 6.62782812E+01
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    3.45499386E+01 4.15934824E-02-1.45541486E-05 2.29447979E-09-1.34555377E-13
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-5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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    4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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Co2pchohB
    3.45499386E+01 4.15934824E-02-1.45541486E-05 2.29447979E-09-1.34555377E-13
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-5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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    4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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    3.45489728E+01 4.15688877E-02-1.45399844E-05 2.29167284E-09-1.34367684E-13
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-5.69009495E+04-1.56991634E+02-6.72134713E+00 1.36146473E-01-9.72678759E-05
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    3.52879646E-08-5.21520842E-12-4.23644422E+04 6.53437631E+01
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Do2pchohC
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-5.69009495E+04-1.56991634E+02-6.72134713E+00 1.36146473E-01-9.72678759E-05
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   3.52879646E-08-5.21520842E-12-4.23644422E+04 6.53437631E+01
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Do2pchohE
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   3.45489728E+01 4.15688877E-02-1.45399844E-05 2.29167284E-09-1.34367684E-13
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-5.69009495E + 04 - 1.56991634E + 02 - 6.72134713E + 00 \quad 1.36146473E - 01 - 9.72678759E - 05 - 1.36146473E - 01 - 1.36146474E - 01 - 1.36146474E - 01 - 1.36146474E - 01 - 1.3614647E - 01
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   3.52879646E-08-5.21520842E-12-4.23644422E+04 6.53437631E+01
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-5.69009495E+04-1.56991634E+02-6.72134713E+00 1.36146473E-01-9.72678759E-05
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   3.52879646E-08-5.21520842E-12-4.23644422E+04 6.53437631E+01
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   3.45499386E+01 4.15934824E-02-1.45541486E-05 2.29447979E-09-1.34555377E-13
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-5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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   4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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 -5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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   4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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   3.45499386E+01 4.15934824E-02-1.45541486E-05 2.29447979E-09-1.34555377E-13
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 -5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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   4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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-5.57373169E+04-1.56608452E+02-8.49557795E+00 1.43093860E-01-1.06966877E-04
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   4.10517548E-08-6.44992321E-12-4.08464131E+04 7.43023592E+01
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pchele3
   2.67249158E+01 3.40585410E-02-1.18269061E-05 1.85565878E-09-1.08480279E-13
                                                                                                                                                                                                                                          2
-1.15501520E + 04 - 1.25360357E + 02 - 8.58105937E + 00 \quad 1.13432601E - 01 - 7.84454442E - 05 - 1.15501520E + 01 - 1.15501520
                                                                                                                                                                                                                                          3
   2.66321595E-08-3.54987068E-12 9.31850387E+02 6.52095769E+01
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                                3/14/ 7 THERMC
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pche2e4
   2.75935989E+01 3.39305248E-02-1.20114255E-05 1.90825855E-09-1.12505232E-13
                                                                                                                                                                                                                                          2
-1.36103564E + 04 - 1.17615535E + 02 - 7.52225806E + 00 \quad 1.12801674E - 01 - 7.99922888E - 05 \quad 1.12801674E - 01 - 1.12801674
                                                                                                                                                                                                                                          3
   2.89270956E-08-4.32273806E-12-9.81924061E+02 7.23038464E+01
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                                3/14/ 7 THERMC
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pche3e5
   2.50376301E+01 3.24499442E-02-1.07203520E-05 1.62750774E-09-9.30136964E-14
                                                                                                                                                                                                                                          2.
-3.80955444E+03-1.11875608E+02-8.73412964E+00 1.15806384E-01-8.89048655E-05
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   3.46668522E-08-5.38937522E-12 7.26040127E+03 6.75631499E+01
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                                3/14/ 7 THERMC
pche4e6
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   2.57088397E+01 3.36248244E-02-1.15687214E-05 1.80328976E-09-1.04918797E-13
                                                                                                                                                                                                                                          2
-1.02857506E + 04 - 1.13926882E + 02 - 8.01120963E + 00 \quad 1.18685862E - 01 - 9.53954560E - 05 - 10.02857506E + 00 \quad 1.02857506E + 00 \quad 1.0285750
                                                                                                                                                                                                                                          3
   3.99595791E-08-6.81126701E-12 8.04394503E+02 6.49540673E+01
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   2.50117024E+01 3.42256111E-02-1.17784584E-05 1.83633404E-09-1.06856682E-13
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3
   3.28552432E-08-5.23105719E-12 2.21062198E+03 6.26025302E+01
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pchoA
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   2.97954971E+01 3.79365617E-02-1.31076546E-05 2.05051580E-09-1.19648440E-13
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3
  1.91216819E-08-1.64498840E-12-3.55180419E+04 6.31934921E+01
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                                 3/14/ 7 THERMC
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pchovA
   2.94070527E+01 3.57610148E-02-1.23673970E-05 1.93608588E-09-1.13032510E-13
                                                                                                                                                                                                                                          2
-3.01471244E+04-1.34271095E+02-6.34956819E+00 1.10405959E-01-6.73047379E-05
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  1.80398935E-08-1.47736397E-12-1.69888685E+04 6.06745304E+01
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pchoB
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   2.91603434E+01 3.88783478E-02-1.35143172E-05 2.12196183E-09-1.24114204E-13
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-5.27354723E+04-1.34161135E+02-7.51193056E+00 1.15149878E-01-6.97616951E-05
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   1.88713445E-08-1.63536878E-12-3.91531045E+04 6.59749077E+01
                                3/14/ 7 THERMC
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pchoC
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   2.90081601E+01 3.93052422E-02-1.37227951E-05 2.16051899E-09-1.26591467E-13
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-5.26735706E+04-1.33237412E+02-8.43376649E+00 1.19259481E-01-7.58609962E-05
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  2.27364024E-08-2.50768477E-12-3.89739958E+04 7.04267606E+01
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pchoE
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  2.27364024E-08-2.50768477E-12-3.89739958E+04 7.04267606E+01
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  2.95367112E+01 3.81098355E-02-1.31611243E-05 2.05850202E-09-1.20107724E-13
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  2.06619351E-08-2.08039426E-12-3.94618252E+04 6.38989278E+01
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  2.95367112E+01 3.81098355E-02-1.31611243E-05 2.05850202E-09-1.20107724E-13
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-5.29432863E + 04 - 1.35862779E + 02 - 7.13669433E + 00 \\ 1.15519719E - 01 - 7.19347175E - 05 \\ -05.29432863E + 04 - 1.35862779E + 02 - 7.13669433E + 00 \\ -05.29432863E + 04 - 1.35862779E + 02 - 7.13669433E + 00 \\ -05.29432863E + 04 - 1.35862779E + 02 - 7.13669433E + 00 \\ -05.29432863E + 04 - 1.35862779E + 02 - 7.13669433E + 00 \\ -05.29432E + 02 - 7.13669433E + 00 \\ -05.29432E + 02 - 7.13669433E + 00 \\ -05.29432E + 02 - 7.13669433E + 00 \\ -05.2942E + 02 - 7.1366943E + 00 \\ -05.2942E + 02 - 7.1366944 + 00 \\ -05.2942E + 02 - 7.136694 + 00 \\ -05.2942E + 02 - 7.136694 + 00 \\ -05.2942E + 02 - 7.136694 + 00 \\ -05.2942E + 00 - 7.13669 + 00 \\ -05.2942E + 00 - 7.1
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  2.06619351E-08-2.08039426E-12-3.94618252E+04 6.38989278E+01
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  2
-0.41641547E+05-0.17606839E+03-0.35701182E+01 0.13876890E+00-0.99720004E-04
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  0.33979209E-07-0.45808570E-11-0.28213006E+05 0.53253849E+02
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FpchqBqE
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  0.40082935E+02 0.33263732E-01-0.94212974E-05 0.13239577E-08-0.75011706E-13
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-0.42199809E + 05 - 0.17818491E + 03 - 0.30924931E + 01 \ 0.13450304E + 00 - 0.86858352E - 04 \ 0.13450304E + 0.134504E + 0.1340404E + 0.134504E + 0.134
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  0.20391131E-07 0.21988515E-12-0.28657453E+05 0.51110172E+02
GpchqBqE
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  0.40082935E+02 0.33263732E-01-0.94212974E-05 0.13239577E-08-0.75011706E-13
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-0.41797227E+05-0.17818491E+03-0.30924931E+01 0.13450304E+00-0.86858352E-04
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  0.20391131E-07 0.21988515E-12-0.28254873E+05 0.51110172E+02
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  0.40082935E+02 0.33263732E-01-0.94212974E-05 0.13239577E-08-0.75011706E-13
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-0.41797227E+05-0.17818491E+03-0.30924931E+01 0.13450304E+00-0.86858352E-04
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  0.20391131E-07 0.21988515E-12-0.28254873E+05 0.51110172E+02
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  0.34314073E-07-0.47090192E-11-0.27939758E+05 0.53317352E+02
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  0.27088481E-07-0.21535601E-11-0.28342781E+05 0.52809769E+02
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  0.40142277E+02 0.33170134E-01-0.93787157E-05 0.13157849E-08-0.74435500E-13
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  0.27088481E-07-0.21535601E-11-0.27940201E+05 0.52809769E+02
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                        1/17/ 8 THERMC
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DochaCaF
  4.04754640E+01 3.88002154E-02-1.37166007E-05 2.17736919E-09-1.28303538E-13
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-4.59811451E+04-1.85540918E+02-5.53736604E+00 1.44481084E-01-1.05727889E-04
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  3.83893067E-08-5.58069803E-12-2.98837264E+04 6.21190641E+01
                        1/17/ 8 THERMC
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  4.00834978E+01 3.91383697E-02-1.38348780E-05 2.19603973E-09-1.29400323E-13
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-4.48937501E+04-1.82929463E+02-6.09865530E+00 1.43753294E-01-1.02846650E-04
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  3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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-4.48937501E + 04 - 1.82929463E + 02 - 6.09865530E + 00 \quad 1.43753294E - 01 - 1.02846650E - 04 - 1.028466650E - 04 - 1.028666650E - 04 - 1.0286666660E - 04 - 1.0286666660E - 04 - 1.0286666660
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3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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 -4.48937501E+04-1.82929463E+02-6.09865530E+00 1.43753294E-01-1.02846650E-04
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     3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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 -4.48937501E + 04 - 1.82929463E + 02 - 6.09865530E + 00 \quad 1.43753294E - 01 - 1.02846650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650
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     3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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 ApchqDqF
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     4.09047611E+01 3.84886790E-02-1.36214015E-05 2.16382776E-09-1.27569700E-13
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 -4.49542739E + 04 - 1.88798663E + 02 - 6.31975139E + 00 \\ 1.48712235E - 01 - 1.11849020E - 04 \\ 1.48712235E - 04 \\ 1.4871225E - 04 \\ 1.4871225E - 04 \\ 1.487125E - 04 \\ 1.48712
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     4.20294973E-08-6.35809390E-12-2.85985137E+04 6.47766327E+01
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 BpchqDqF
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     4.02607980E+01 3.89797029E-02-1.37785563E-05 2.18709866E-09-1.28874164E-13
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 -4.61416686E + 04 - 1.84384590E + 02 - 5.90662120E + 00 \quad 1.44061492E - 01 - 1.03978834E - 04 - 1.03978884E - 04 - 1.0397884E - 04 - 1.039788E - 04 - 1.03978E - 04 - 1.03
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     3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
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 CpchaDaF
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 -4.61416686E + 04 - 1.84384590E + 02 - 5.90662120E + 00 \quad 1.44061492E - 01 - 1.03978834E - 04 - 1.03978884E - 04 - 1.03978884E - 04 - 1.03978884E - 04 - 1.039788E - 04 - 1.03978E - 04 - 
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     3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
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     3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
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 -4.61416686E + 04 - 1.84384590E + 02 - 5.90662120E + 00 1.44061492E - 01 - 1.03978834E - 04
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     3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
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 -4.48937501E+04-1.82929463E+02-6.09865530E+00 1.43753294E-01-1.02846650E-04
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     3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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 -4.48937501E + 04 - 1.82929463E + 02 - 6.09865530E + 00 \\ 1.43753294E - 01 - 1.02846650E - 04 \\ 1.43753294E - 01 - 1.028466650E - 04 \\ 1.43753294E - 01 - 1.028466650E - 04 \\ 1.43753294E - 01 - 1.028466650E - 04 \\ 1.43754294E - 04 - 1.028466650E - 04 \\ 1.43764294E - 04 - 04 - 04 \\ 1.43764450E - 04 - 04 - 04 \\ 1.4376440E - 04 - 04 - 04 \\ 1.437640E - 04 - 04 - 04 \\ 1.4376440E - 04 - 04 - 04 - 04 \\ 1.437640E - 04 - 04 - 04 -
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    3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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     4.04754640E+01 3.88002154E-02-1.37166007E-05 2.17736919E-09-1.28303538E-13
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 -4.59811451E + 04 - 1.85540918E + 02 - 5.53736604E + 00 \quad 1.44481084E - 01 - 1.05727889E - 04 - 1.05727889
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    3.83893067E-08-5.58069803E-12-2.98837264E+04 6.21190641E+01
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 -4.48937501E + 04 - 1.82929463E + 02 - 6.09865530E + 00 \quad 1.43753294E - 01 - 1.02846650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650E - 04 - 1.02866650
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     3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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     3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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 -2.01476817E + 04 - 1.66313119E + 02 - 5.87344793E + 00 1.39056222E - 01 - 9.94147365E - 05
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     3.46108994E-08-4.65253523E-12-5.18249670E+03 6.76217200E+01
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 -2.01476817E + 04 - 1.66313119E + 02 - 5.87344793E + 00 1.39056222E - 01 - 9.94147365E - 05
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     3.46108994E-08-4.65253523E-12-5.18249670E+03 6.76217200E+01
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-4.59811451E + 04 - 1.85540918E + 02 - 5.53736604E + 00 \\ 1.44481084E - 01 - 1.05727889E - 04
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    3.83893067E-08-5.58069803E-12-2.98837264E+04 6.21190641E+01
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-2.01476817E + 04 - 1.66313119E + 02 - 5.87344793E + 00 \\ 1.39056222E - 01 - 9.94147365E - 05 \\ 1.3905622E - 01 - 9.94147365E - 05 \\ 1.390562E - 01 - 9.94147365E - 05 \\ 1.390562E - 01 - 9.94147365E - 00 \\ 1.390562E - 01 - 9.94147365E - 00 \\ 1.390562E - 01 - 9.941475E - 00 \\ 1.390562E - 00 \\ 1.39
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    3.46108994E-08-4.65253523E-12-5.18249670E+03 6.76217200E+01
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    3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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    4.00834978E+01 3.91383697E-02-1.38348780E-05 2.19603973E-09-1.29400323E-13
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-4.48937501E+04-1.82929463E+02-6.09865530E+00 1.43753294E-01-1.02846650E-04
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    3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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                                     1/18/ 8 THERMC
                                                                                             9h 17o
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GpchaEaI
    4.00834978E+01 3.91383697E-02-1.38348780E-05 2.19603973E-09-1.29400323E-13
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-4.48937501E+04-1.82929463E+02-6.09865530E+00 1.43753294E-01-1.02846650E-04
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    3.60446144E-08-4.99177526E-12-2.86230968E+04 6.61049600E+01
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CpchqFqH
                                  2/ 8/ 8 THERMC
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    3.76961616E+01 3.84007436E-02-1.29967890E-05 2.00654837E-09-1.16056518E-13
                                                                                                                                                                                                                                                                                      2
-2.01476817E + 04 - 1.66313119E + 02 - 5.87344793E + 00 1.39056222E - 01 - 9.94147365E - 05
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    3.46108994E-08-4.65253523E-12-5.18249670E+03 6.76217200E+01
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                                      2/ 8/ 8 THERMC
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DpchqFqH
    3.92349548E+01 \quad 3.98708357E-02-1.40896190E-05 \quad 2.23597594E-09-1.31731277E-13
                                                                                                                                                                                                                                                                                      2
-4.55169289E + 04 - 1.78241460E + 02 - 3.48870219E + 00 \\ 1.32238067E - 01 - 8.74660127E - 05 \\ - 05 - 1.5169289E + 00 \\ - 1.516928989E + 00 \\ - 1.51692898989
                                                                                                                                                                                                                                                                                      3
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   2.75000213E-08-3.27542660E-12-2.99906288E+04 5.37643453E+01
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EpchaFaH
                                      2/ 8/ 8 THERMC
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    3.76961616E+01 3.84007436E-02-1.29967890E-05 2.00654837E-09-1.16056518E-13
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-2.01476817E + 04 - 1.66313119E + 02 - 5.87344793E + 00 \\ 1.39056222E - 01 - 9.94147365E - 05 \\ 1.3905622E - 01 - 9.94147365E - 05 \\ 1.390562E - 01 - 9.94147365E - 05 \\ 1.390562E - 01 - 9.94147365E - 00 \\ 1.390562E - 01 - 9.94147365E - 00 \\ 1.390562E - 01 - 9.941475E - 00 \\ 1.390562E - 00 \\ 1.39
                                                                                                                                                                                                                                                                                      3
   3.46108994E-08-4.65253523E-12-5.18249670E+03 6.76217200E+01
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                                      7/ 6/ 7 THERMC 6h
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   1.87533632E + 01 \quad 2.11438984E - 02 - 7.15428106E - 06 \quad 1.10383345E - 09 - 6.38003382E - 14 \quad 1.87533632E + 01 \quad 2.11438984E - 02 - 7.15428106E - 06 \quad 1.10383345E - 09 - 6.38003382E - 14 \quad 1.87533632E + 01 \quad 1.8753362E + 01 \quad 1.8753362E + 01 \quad 1.8753362E + 01 \quad 1.875362E + 01 \quad 1.87562E + 01 \quad 1.87562E + 01 \quad 1.87562E + 01 \quad 1.87562E + 01 \quad 1.875
                                                                                                                                                                                                                                                                                      2
-6.85142738E + 03 - 7.01438364E + 01 \quad 7.30435734E - 01 \quad 6.14568820E - 02 - 4.11029744E - 05 \quad 6.14568820E - 02 - 4.11029744E - 01 \quad 6.14568820E - 02 - 4.11029744E - 05 \quad 6.14568820E - 02 - 4.11029744E - 01 \quad 6.14568820E - 02 - 4.11029744E - 02 \quad 6.14568820E - 02 - 4.11029844E - 02 \quad 6.14568820E - 02 \quad 6.14568820
                                                                                                                                                                                                                                                                                       3
   1.39464686E-08-1.91355310E-12-4.18597373E+02 2.72797378E+01
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                                       1/16/ 8 THERMC
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    3.14659197E+01 3.37383951E-02-1.14253460E-05 1.76385238E-09-1.01991476E-13
                                                                                                                                                                                                                                                                                      2
-4.43649999E+04-1.28574911E+02 2.93531495E+00 9.97837565E-02-7.05750415E-05
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   2.63069584E-08-4.09146298E-12-3.43240864E+04 2.49933463E+01
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                                      7/ 9/ 7 THERMC
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    2.98747876E+01 3.45786259E-02-1.16993036E-05 1.80521486E-09-1.04351068E-13
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-4.18341533E+04-1.17277776E+02 4.10890786E+00 8.56728498E-02-4.64057003E-05
                                                                                                                                                                                                                                                                                       3
   1.04963951E-08-5.13336046E-13-3.19962620E+04 2.42999467E+01
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MeDc8oCoIrH 1/16/8 THERMC
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    2.96267272E+01 3.62166928E-02-1.25501950E-05 1.96552703E-09-1.14728809E-13
                                                                                                                                                                                                                                                                                       2
-4.18082751E+04-1.17313977E+02 7.45203122E-01 1.01460554E-01-6.92983566E-05
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    2.47609880E-08-3.69967108E-12-3.14440270E+04 3.87749281E+01
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MeDc8oBoTrH 1/4/08
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    0.88368435E+01 0.65071113E-01-0.23963048E-04 0.40464827E-08-0.25951103E-12
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3
    0.44851163E-07-0.78078741E-11-0.30383611E+05 0.52110577E+02
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MeEc8oAoFrI 7/9/ 7 THERMc
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2.97125065E+01 3.57065597E-02-1.22803613E-05 1.91385849E-09-1.11340978E-13
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-4.14867894E+04-1.17451902E+02 1.66225757E+00 9.95807618E-02-6.85032768E-05
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   2.48591631E-08-3.78775770E-12-3.14699606E+04 3.39686628E+01
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EtDc7oEoIrA 7/9/ 7 THERMC
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   2.48591631E-08-3.78775770E-12-3.14699606E+04 3.39686628E+01
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   3.18505943E+01 \ \ 3.33107961E-02-1.13476384E-05 \ \ 1.75885705E-09-1.01985332E-13
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3
   2.57080712E-08-3.94588756E-12-3.43276331E+04 2.48254832E+01
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MeEc8oDoIrA 7/9/ 7 THERMC
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   2.96138534E+01 3.60523558E-02-1.24557250E-05 1.94692598E-09-1.13492286E-13
                                                                                                                                                                                                     2
-4.14556183E + 04 - 1.17319078E + 02 \ 1.56272942E + 00 \ 9.78889609E - 02 - 6.41372897E - 05 \ 4.14556183E + 04 - 1.17319078E + 02 \ 1.56272942E + 00 \ 9.78889609E - 02 - 6.41372897E - 05 \ 4.14556183E + 04 - 1.17319078E + 02 \ 1.56272942E + 00 \ 9.78889609E - 02 - 6.41372897E - 05 \ 4.14556183E + 04 - 1.17319078E + 02 \ 1.56272942E + 00 \ 9.78889609E - 02 - 6.41372897E - 05 \ 4.14556183E + 0.1456183E + 0.1456184E 
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   2.15662750E-08-2.98915635E-12-3.12616506E+04 3.47830154E+01
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c9oyAoF
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   3.02253938E+01 3.44767510E-02-1.17032733E-05 1.80958081E-09-1.04746787E-13
                                                                                                                                                                                                     2
-4.67293895E+04-1.20486027E+02 3.82542118E+00 9.19629103E-02-5.90659760E-05
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  1.95503941E-08-2.68390507E-12-3.70485182E+04 2.29464940E+01
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EtDc7oAoCrI 1/18/8 THERMC
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   2.99144766E+01 3.59996957E-02-1.24827108E-05 1.95586600E-09-1.14204943E-13
                                                                                                                                                                                                     2
-4.13101722E+04-1.19219214E+02-1.00440045E+00 1.06534310E-01-7.41481405E-05
                                                                                                                                                                                                     3
  2.66688199E-08-3.95830545E-12-3.03437237E+04 4.75356234E+01
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EtDc7oAoHrI 7/9/ 7 THERMC
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   3.09337278E+01 3.51551567E-02-1.21032289E-05 1.88753802E-09-1.09861225E-13
                                                                                                                                                                                                     2
-4.51495369E+04-1.26602019E+02 5.07484681E-01 1.06184073E-01-7.60587321E-05
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  2.84083204E-08-4.38532518E-12-3.45347831E+04 3.68970349E+01
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MeEc8oAoDrI 7/9/ 7 THERMC
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   2.97125065E+01 3.57065597E-02-1.22803613E-05 1.91385849E-09-1.11340978E-13
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-4.14867894E+04-1.17451902E+02 1.66225757E+00 9.95807618E-02-6.85032768E-05
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  2.48591631E-08-3.78775770E-12-3.14699606E+04 3.39686628E+01
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EtDc7oCoIrA 7/9/ 7 THERMC
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  2.97125065E+01 3.57065597E-02-1.22803613E-05 1.91385849E-09-1.11340978E-13
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  2.48591631E-08-3.78775770E-12-3.14699606E+04 3.39686628E+01
                           1/21/ 8 THERMC
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  3.11233118E+01 3.41906913E-02-1.16160657E-05 1.79716343E-09-1.04072185E-13
                                                                                                                                                                                                     2.
-4.81089940E + 04 - 1.26341024E + 02 2.46495051E + 00 9.99467067E - 02 - 6.99819410E - 05
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  2.58337117E-08-3.99244879E-12-3.79448123E+04 2.81559319E+01
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                           7/ 9/ 7 THERMC
Ac9oDoF
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  2.
-4.38599346E+04-1.12887969E+02 1.29974111E+00 9.93476795E-02-6.78934959E-05
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  2.48443979E-08-3.88204677E-12-3.38178265E+04 3.70884181E+01
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                           7/ 9/ 7 THERMC
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   2.97313237E+01 3.48126628E-02-1.18025608E-05 1.82350041E-09-1.05497978E-13
                                                                                                                                                                                                     2
-4.18878252E + 04 - 1.16179646E + 02 \quad 4.58943120E + 00 \quad 8.57330821E - 02 - 4.85363569E - 05 \quad 4.58943120E + 00 \quad 8.57330821E - 02 - 4.85363569E - 05 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 8.57330821E - 00 - 4.85363569E - 00 \quad 4.58943120E + 00 \quad 4.5894400E + 00 \quad 
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  1.26911055E-08-1.13300283E-12-3.23237033E+04 2.17112848E+01
MeEc8oCoIrA 1/4/08
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-0.40756783E+01 0.86771622E-01-0.34801928E-04 0.62393797E-08-0.41729890E-12
3
  0.46732833E-07-0.68548734E-11-0.30538365E+05 0.53320526E+02
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MeEc8oAoCrI 7/10/7 THERMC
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   2.97880962E+01 3.58695986E-02-1.23858980E-05 1.93539176E-09-1.12797263E-13
                                                                                                                                                                                                     2
-4.10847203E+04-1.18183982E+02 3.74539748E-01 1.02782821E-01-7.09296535E-05
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   2.55368408E-08-3.82694514E-12-3.06043074E+04 4.05685529E+01
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EtDc7oBoIrA 7/10/7 THERMC
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  3.18298050E + 01 \quad 3.33811623E - 02 - 1.12937878E - 05 \quad 1.74263199E - 09 - 1.00733854E - 13 \quad 1.00733854E - 10 \quad 1.0073864E - 10 \quad 1.007664E - 10 \quad 1.007664E - 10 \quad 1.007664E - 10 \quad 1.007664E - 10 \quad 1.
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-4.55668544E+04-1.31297570E+02 1.70530055E+00 1.02733686E-01-7.22490557E-05
                                                                                                                                                                                                     3
   2.61846958E-08-3.88791497E-12-3.50045893E+04.3.08548089E+01
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                           7/10/ 7 THERMC
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Ac9oCoF
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-4.43825141E+04-1.16009616E+02 3.88636797E+00 9.22357850E-02-6.09674967E-05
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    2.15732995E-08-3.27650054E-12-3.49218003E+04 2.39797633E+01
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MeEc8oBoIrA 7/10/7 THERMc
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    3.09337278E+01 3.51551567E-02-1.21032289E-05 1.88753802E-09-1.09861225E-13
                                                                                                                                                                                                                                                                                                                                                            2.
-4.51495369E + 04 - 1.26602019E + 02 \quad 5.07484681E - 01 \quad 1.06184073E - 01 - 7.60587321E - 05 \quad 1.06184073E - 01 - 1.06184074E - 01 - 1.06184074
                                                                                                                                                                                                                                                                                                                                                             3
    2.84083204E-08-4.38532518E-12-3.45347831E+04 3.68970349E+01
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                                                7/10/ 7 THERMC
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    3.02598296E+01 3.43355466E-02-1.16350093E-05 1.79729596E-09-1.03978217E-13
                                                                                                                                                                                                                                                                                                                                                             2
-4.15167294E+04-1.19609908E+02 1.42638534E+00 9.48581779E-02-5.71983819E-05
                                                                                                                                                                                                                                                                                                                                                             3
    1.60129793E-08-1.55770604E-12-3.08755961E+04 3.75802614E+01
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c9oAoGqjF
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-0.19290017E+01 \quad 0.92171282E-01-0.37363196E-04 \quad 0.67486146E-08-0.45372687E-12
                                                                                                                                                                                                                                                                                                                                                             2
3
    0.34471313E - 07 - 0.15741209E - 11 - 0.50005230E + 05 \quad 0.44021484E + 02
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Hc9oAoGqF
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-0.14942043E+01 \quad 0.91542527E-01-0.37050773E-04 \quad 0.66835164E-08-0.44886664E-12
                                                                                                                                                                                                                                                                                                                                                             2
-0.42859133E+05 \quad 0.66084206E+02 \quad 0.12568151E+01 \quad 0.12324437E+00-0.98152937E-04
                                                                                                                                                                                                                                                                                                                                                             3
    0.34464524E-07-0.16774980E-11-0.47793211E+05 0.36976910E+02
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    0.61417317E+00 0.96326254E-01-0.39187515E-04 0.70957493E-08-0.47789604E-12
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3
    0.33157047E-07 0.97976694E-12-0.62284586E+05 0.46630081E+02
c9oAoGoFqH
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-0.70188781E+05 0.12299390E+03 0.10509672E+01 0.12655514E+00-0.99699173E-04
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    0.30651201E-07 0.89817476E-12-0.78822062E+05 0.41712605E+02
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c7ovAoBoG
    0.15766535E+02 0.34107659E-01-0.11334856E-04 0.17793563E-08-0.10842504E-12
                                                                                                                                                                                                                                                                                                                                                             2
-0.41597469E + 05 - 0.47571815E + 02 \quad 0.27188811E + 01 \quad 0.71805649E - 01 - 0.43982876E - 04 - 0.41597469E - 01 - 0.43982876E - 0.40982876E - 0.409
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   0.76987590E-08 0.19493706E-11-0.38407547E+05 0.18696613E+02
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    0.20434444{\text{E}} + 01 \ \ 0.48103027{\text{E}} - 01 - 0.18208615{\text{E}} - 04 \ \ 0.31356886{\text{E}} - 08 - 0.20392374{\text{E}} - 12
                                                                                                                                                                                                                                                                                                                                                             2.
-0.23651236E+05 0.32556492E+02 0.25789831E+01 0.64590007E-01-0.49646515E-04
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    0.19607739E-07-0.22939463E-11-0.25650973E+05 0.23120913E+02
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    0.92790213E+01 \quad 0.36875311E-01-0.12888110E-04 \quad 0.20983681E-08-0.13123510E-12
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-0.24125975E+05-0.87658920E+01 0.13628579E+01 0.69948934E-01-0.53353746E-04
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    0.18794582E-07-0.15398432E-11-0.23150410E+05 0.27862970E+02
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    0.10095243E + 02 \quad 0.34485161E - 01 - 0.11634027E - 04 \quad 0.18476217E - 08 - 0.11358547E - 12 \\ 0.10095243E + 02 \quad 0.34485161E - 01 - 0.11634027E - 04 \\ 0.18476217E - 08 - 0.11358547E - 12 \\ 0.18476217E - 08 - 0.1135827E - 12 \\ 0.18476217E - 0.1135827E - 0.113582
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-0.18312146E+05-0.89844284E+01 0.15505205E+01 0.77936172E-01-0.80164558E-04
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    0.46116327E-07-0.10761308E-10-0.17587051E+05 0.28760378E+02
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    0.99270535E+01 0.35819430E-01-0.12383472E-04 0.19994346E-08-0.12425423E-12
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-0.21584785E + 05 - 0.10652481E + 02 \quad 0.18027413E + 01 \quad 0.74894354E - 01 - 0.69892478E - 04 - 0.069892478E - 0.06989248E - 0.06989248E - 0.06989248E - 0.06989248E - 0.06989248E - 0.06989248E - 0.069892488E - 0.06989248E - 0.06988248E - 0.0698848E - 0.06988488E - 0.0698848E - 0.0698848E - 0.06988488E - 0.0698848
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    0.35675889E-07-0.72549185E-11-0.20821248E+05 0.25705048E+02
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    0.87498121E+01 \quad 0.45478068E-01-0.16690403E-04 \quad 0.28109026E-08-0.17989684E-12
-0.35711629E + 05 \quad 0.29693680E + 01 \quad 0.27309670E + 01 \quad 0.83536774E - 01 - 0.69718830E - 04 \quad 0.835711629E + 0.835711629E 
    0.25327658E-07-0.17411679E-11-0.36362930E+05 0.25886320E+02
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    0.12106284E+02 0.40465612E-01-0.14355704E-04 0.23604059E-08-0.14854746E-12
-0.28288756E + 05 - 0.16344719E + 02 0.17671829E + 01 0.85008398E - 01 - 0.67428045E - 04
    0.21454662E-07-0.40418653E-12-0.27252703E+05 0.30767811E+02
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-0.32088516E + 01 \quad 0.60579728E - 01 - 0.26163132E - 04 \quad 0.49401825E - 08 - 0.34276648E - 12 - 0.34276648E - 0.342
                                                                                                                                                                                                                                                                                                                                                             2.
-0.48915699E + 05 \quad 0.65546494E + 02 \quad 0.39207497E + 01 \quad 0.67004077E - 01 - 0.50041352E - 04 \quad 0.67004077E - 0.0004077E - 0.000407E - 0.
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    0.13210291E-07 0.16003881E-11-0.53754227E+05 0.18569231E+02
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    0.28710470E+00 0.55055670E-01-0.23342032E-04 0.43504635E-08-0.29904952E-12
                                                                                                                                                                                                                                                                                                                                                            2.
-0.49657961E+05 \quad 0.46274975E+02 \quad 0.25731106E+01 \quad 0.71120851E-01-0.54056527E-04
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0.15579356E-07 0.74742035E-12-0.52754910E+05 0.25771290E+02
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       0.57465081E+01 0.52773427E-01-0.19852416E-04 0.34027108E-08-0.22050100E-12
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-0.26060684E + 05 \quad 0.12071907E + 02 \quad 0.93713850E + 00 \quad 0.83537467E - 01 - 0.65706146E - 04 \\ -0.26060684E + 0.05060684E + 0.05060684E + 0.05060684E + 0.05060684E \\ -0.26060684E + 0.05060684E + 0.05060684E + 0.05060684E \\ -0.26060684E + 0.05060684E + 0.05060684E \\ -0.26060684E + 0.05060684E + 0.05060684E \\ -0.26060684E + 0.050684E \\ -0.26060684E + 0.05060684E \\ -0.260684E + 0.05060684E \\ -0.26060684E + 0.05060684E \\ -0.26060684E + 0.05060684E \\ -0.26060684E + 0.05060684E \\ -0.26060684E + 0.050684E \\ -0.26060684E + 0.05060684E \\ -0.26060684E + 0.05060684E \\ 
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      0.26528747E-07-0.34894837E-11-0.26476469E+05 0.30565247E+02
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       0.26944344E+01 0.64510293E-01-0.25134512E-04 0.44147441E-08-0.29099219E-12
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-0.39647637E+05 \quad 0.37090340E+02 \quad 0.30049584E+01 \quad 0.89698248E-01-0.69458940E-04
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      0.24125754E-07-0.12402914E-11-0.42515223E+05 0.25586559E+02
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       0.33533549E + 01 \quad 0.63405991E - 01 - 0.24581897E - 04 \quad 0.43027217E - 08 - 0.28291936E - 12 - 0.28291936E - 0.2829196E - 0.2829196E
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-0.37101602E + 05 \quad 0.34978249E + 02 \quad 0.36016924E + 01 \quad 0.93754776E - 01 - 0.84063468E - 04 - 0.94063468E - 0.9406468E - 0.940648E - 0
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      0.39182130E-07-0.63321674E-11-0.40207145E+05 0.22540636E+02
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       0.37025263E + 01 \quad 0.61645929E - 01 - 0.23521443E - 04 \quad 0.40724313E - 08 - 0.26579593E - 12 \\ 0.40724313E - 0.2657959595E - 12 \\ 0.40724313E - 0.2657959595E - 12 \\ 0.40724313E - 0.26579595E - 12 \\ 0.40724313E - 0.26579595E - 12 \\ 0.40724313E - 0.265795E - 12 \\ 0.40724315E - 0.26579595E - 12 \\ 0.40724315E - 0.265795E - 12 \\ 0.407245E - 0.265795E - 0.265795E - 12 \\ 0.407245E - 0.265795E - 0.26579E - 0.265795E - 0.265795E - 0.265795E - 0.265
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 -0.33886699E+05 0.35869377E+02 0.31020947E+01 0.98321587E-01-0.97816395E-04
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      0.53007437E-07-0.11018631E-10-0.36942301E+05 0.26865372E+02
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       0.54375796E+01 0.68305947E-01-0.26764526E-04 0.47201838E-08-0.31203623E-12
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-0.51936719E + 05 \quad 0.30644737E + 02 \quad 0.31825981E + 01 \quad 0.10633914E + 00 - 0.87356435E - 04 \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E + 0.51936719E \\ -0.51936719E + 0.51936719E + 0.5193671
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      0.30627170E-07-0.14730001E-11-0.54745586E+05 0.30138937E+02
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       0.18659595E+01 0.73823661E-01-0.29471194E-04 0.52659734E-08-0.35133848E-12
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-0.51143453E+05 0.51095490E+02 0.43557930E+01 0.10342391E+00-0.86200220E-04
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      0.31078187E-07-0.16045798E-11-0.55726145E+05 0.24369843E+02
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       0.17071524E+02 0.43506615E-01-0.16022970E-04 0.27066369E-08-0.17366572E-12
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-0.71202531E + 05 - 0.45257080E + 02 \quad 0.29678373E + 01 \quad 0.92120066E - 01 - 0.65783002E - 04 \quad 0.92120066E - 01 - 0.92120066E - 01 - 0.65783002E - 04 \quad 0.92120066E - 0.92120066E -
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      0.16612910E-07 0.11371451E-11-0.68557625E+05 0.23471167E+02
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      0.13786811E+02 0.48444510E-01-0.18356021E-04 0.31621039E-08-0.20562667E-12
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-0.70509695E + 05 - 0.26367142E + 02 \quad 0.41797094E + 01 \quad 0.88949621E - 01 - 0.64049818E - 04 \quad 0.88949621E - 0.88949621
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      0.16527069E-07 \ 0.11812038E-11-0.69542492E+05 \ 0.17536459E+02
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-0.20730462E + 01 \quad 0.91257989E - 01 - 0.36681755E - 04 \quad 0.65852737E - 08 - 0.44078597E - 1200730462E + 01 \quad 0.91257989E - 01 - 0.36681755E - 04 \quad 0.65852737E - 08 - 0.44078597E - 1200730462E + 01 \quad 0.91257989E - 01 - 0.36681755E - 04 \quad 0.65852737E - 08 - 0.44078597E - 1200730462E + 01 \quad 0.91257989E - 01 - 0.36681755E - 04 \quad 0.65852737E - 08 - 0.44078597E - 1200730462E + 01 \quad 0.91257989E - 01 - 0.36681755E - 04 \quad 0.65852737E - 08 - 0.44078597E - 1200730462E + 0.000730462E + 0.00074042E + 0.000742E + 0.000742
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-0.44062090E+05 \quad 0.67535675E+02-0.16403650E+01 \quad 0.12691739E+00-0.98965931E-04
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      0.33667408E-07-0.14365055E-11-0.48134473E+05 0.51251064E+02
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-0.92819405E + 00 \quad 0.88095620E - 01 - 0.34857956E - 04 \quad 0.61888694E - 08 - 0.41100939E - 12 - 0.61888694E - 0.618886
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3
      0.59903805 \\ E - 07 - 0.10273710 \\ E - 10 - 0.42578078 \\ E + 05 \\ 0.51873787 \\ E + 02
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-0.17019796E+01 \quad 0.89986838E-01-0.35927875E-04 \quad 0.64205437E-08-0.42843065E-12
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3
      0.58264025E-07-0.99013592E-11-0.47370898E+05 0.48627045E+02
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-0.31383259E + 01 \quad 0.10103292E + 00 - 0.41295982E - 04 \quad 0.75005540E - 08 - 0.50617030E - 12 - 0.5061700E - 0.5061700E - 12 - 0.5061700E - 0.50
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3
      0.34749448E-07 0.30894539E-12-0.61380859E+05 0.48615891E+02
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                                                                                                                                                                                                                                                                                                                 G 0300.00
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       4.05030529E+01 3.66242241E-02-1.28574501E-05 2.03130466E-09-1.19294130E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
-7.44979807E + 04 - 1.67579265E + 025.20187866E + 001.19634472E - 01 - 8.94824467E - 051.19634472E - 01 - 1.19634472E - 01 - 1.1964472E - 01 - 1.196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      3.52254844E-08-5.79131222E-12-6.21184535E+04 2.21145556E+01
                                                                                                                                                                                                 9h 14o
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EtDc7oAoEoIgC
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-0.15689080E + 02 0.11799451E + 00 - 0.52420415E - 04 0.10098985E - 07 - 0.71096324E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
-0.68574562E+05 0.14831674E+03 0.79051042E+00 0.12484850E+00-0.97741380E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.30146836E-07 0.98156563E-12-0.78724625E+05 0.43180508E+02
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EtDc7oAoEoIqD Therm
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       3.40674600E+01 3.48022068E-02-1.15826042E-05 1.76697150E-09-1.01318235E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
-7.07651285E + 04 - 1.33586175E + 025.39214321E + 001.04906033E - 01 - 7.85536028E - 051.04906033E - 01 - 7.85536028E - 01 - 7.8553602E - 01 - 7.8556602E - 01 - 7.8556602E - 01 - 7.8556602E - 01 - 7.85566002E - 01 - 7.85566002E - 01 - 7.85566000000000
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       3.14699561E-08-5.22889226E-12-6.10764798E+04 1.93868266E+01
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CC60A0D
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-0.92154627E+01 0.68340041E-01-0.28726696E-04 0.53221725E-08-0.36430836E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
-0.20455131E+05 \ 0.92964493E+02 \ 0.80882484E+00 \ 0.77625364E-01-0.74132498E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.37519889E-07-0.65599327E-11-0.26797117E+05 0.27953074E+02
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MeCc6oAoDoG 1/7/8 THERMc
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      2.45254735E+01 2.62608294E-02-9.14884926E-06 1.43800082E-09-8.41491619E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-6.82182341E+04-9.17903111E+01 2.64040924E+00 7.59216897E-02-5.29347911E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.94647263E-08-3.01807025E-12-6.03541344E+04 2.64644652E+01
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MeCc6oyAoDoG 1/7/8 THERMc
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      2.41383222E+01 2.40722903E-02-8.40087279E-06 1.32198513E-09-7.74242093E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-4.92638171E + 04 - 8.80407748E + 01 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 00 \quad 7.13435180E - 00 \quad 7.13436180E - 00 \quad 7.13486180E - 00 \quad 7.13486180
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     1.85447735E-08-2.88185362E-12-4.18174672E+04 2.41717897E+01
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MeCc6oAoDoyG 1/7/8 THERMc 7h 9o 3 0G
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      2.41383222E+01 2.40722903E-02-8.40087279E-06 1.32198513E-09-7.74242093E-14
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-4.92638171E + 04 - 8.80407748E + 01 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 4.92638171E + 04 - 8.80407748E + 01 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 4.92638171E + 04 - 8.80407748E + 01 \quad 3.36114405E + 00 \quad 7.13435180E - 02 - 5.01736605E - 05 \quad 4.92638171E + 0.00007748E + 0.000007748E + 0.00000
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     1.85447735E-08-2.88185362E-12-4.18174672E+04 2.41717897E+01
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      0.14098532E+02 0.30795943E-01-0.10932709E-04 0.17986844E-08-0.11325675E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.61412609E + 05 - 0.32908203E + 02 - 0.57053739E + 00 \\ 0.80996305E - 01 - 0.78441219E - 04 \\ -0.61412609E + 05 - 0.32908203E + 02 - 0.57053739E + 00 \\ -0.80996305E - 01 - 0.78441219E - 04 \\ -0.80996305E - 01 - 0.88441219E - 04 \\ -0.80996305E - 0.88441219E - 0.884
                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.43513122E-07-0.99128535E-11-0.57809574E+05 0.40521118E+02
сбоуАоСоГ
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      0.18067482E+02 0.20482169E-01-0.58505107E-05 0.82518825E-09-0.46761541E-13
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     0.59187816E-07-0.15965045E-10-0.40014426E+05 0.40918900E+02
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      0.18067482E+02 0.20482169E-01-0.58505107E-05 0.82518825E-09-0.46761541E-13
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     0.59187816E-07-0.15965045E-10-0.40014426E+05 0.40918900E+02
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-0.19328053E+05 0.25861088E+02 0.13315578E+01 0.60074516E-01-0.52372219E-04
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    0.24509891E-07-0.41529766E-11-0.20686230E+05 0.25315708E+02
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-0.87029057E + 01 \quad 0.57888906E - 01 - 0.24380874E - 04 \quad 0.45227928E - 08 - 0.30984986E - 12 \\ -0.87029057E + 01 \quad 0.57888906E - 01 - 0.24380874E - 04 \quad 0.45227928E - 08 - 0.30984986E - 12 \\ -0.87029057E + 01 \quad 0.57888906E - 01 - 0.24380874E - 04 \quad 0.45227928E - 08 - 0.30984986E - 12 \\ -0.87029057E + 01 \quad 0.578889906E - 01 - 0.24380874E - 04 \quad 0.45227928E - 08 - 0.30984986E - 12 \\ -0.87029057E + 0.00006E - 0.00006E - 0.00006E - 0.00006E - 0.0006E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2
-0.14972970E + 05 \quad 0.90179802E + 02 - 0.16789705E + 01 \quad 0.71964003E - 01 - 0.73224946E - 04 - 0.73224946E - 0.732446E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     0.39785750 \\ E-07-0.79061280 \\ E-11-0.20049578 \\ E+05 \\ 0.42151867 \\ E+02
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MeBc5oAoCrF 1/7/ 8 THERMc 6h 9o
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                                                                                                                                                                                                                                   OG 300.000 5000.000 1387.000
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     2.01518048E+01 2.26717762E-02-7.89070781E-06 1.23940601E-09-7.24926488E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
-2.95222312E + 04 - 7.07081435E + 01 \quad 1.21705261E + 00 \quad 6.57273269E - 02 - 4.57871857E - 05 \quad 1.21705261E + 00 \quad 1.21705261
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    1.67325504E-08-2.56348961E-12-2.27454876E+04 3.15416242E+01
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-0.41779094E+01 \quad 0.95773190E-01-0.39168801E-04 \quad 0.71177211E-08-0.48053748E-12
3
     0.33821063E-07-0.13488938E-11-0.51487285E+05 0.51796898E+02
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-0.35573742E + 01 \quad 0.94719782E - 01 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 04 \quad 0.70085440E - 08 - 0.47265262E - 12 - 0.38634251E - 0.3864251E 
0.49444392E-07-0.66391901E-11-0.49175719E+05 0.48931767E+02
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-0.13701973E+01 0.99472173E-01-0.40758074E-04 0.74159758E-08-0.50110870E-12
-0.58931078E+05 0.72392143E+02-0.12817020E+01 0.14323834E+00-0.11494941E-03
    0.37814775E-07-0.69295448E-12-0.63733543E+05 0.55025368E+02
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-0.21894081E + 02 \quad 0.12983495E + 00 - 0.59072558E - 04 \quad 0.11575034E - 07 - 0.82496038E - 128496038E - 12849608E - 1284960
0.28860123E-07 0.19584180E-11-0.82490117E+05 0.50758362E+02
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2.
-0.41857008E+05 \quad 0.10358839E+03 - 0.10151640E+01 \quad 0.74705735E-01 - 0.51856190E-04 \\ -0.41857008E+05 \quad 0.10358839E+03 - 0.10151640E+01 \quad 0.74705735E-01 - 0.51856190E-04 \\ -0.41857008E+05 \quad 0.10358839E+03 - 0.10151640E+01 \quad 0.74705735E-01 - 0.51856190E-04 \\ -0.41857008E+05 \quad 0.10358839E+03 - 0.10151640E+01 \quad 0.74705735E-01 - 0.51856190E-04 \\ -0.41857008E+01 \quad 0.5185640E+01 \quad 0.5185640E+01 \quad 0.5185640E+01 \\ -0.41857008E+01 \quad 0.5185640E+01 \quad 0.5185640E+01 \\ -0.41857008E+01 \quad 0.5185640E+01 \quad 0.5185640E+01 \\ -0.41857008E+01 \quad 0.518640E+01 \\ -0.41857008E+01 \quad 0.51864008E+01 \\ -0.41857008E+01 \quad 0.51864008E+01 \\ -0.41857008E+01 \quad 0.51864008E+01 \\ -0.41857008E+01 \quad 0.518640
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     0.14023149E-07 0.11234732E-11-0.47561238E+05 0.40467514E+02
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-0.80460176E+01 0.65331616E-01-0.26972226E-04 0.49348654E-08-0.33482733E-12
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 -0.24849988E+05 0.88510773E+02-0.63103408E+00 0.73079273E-01-0.58702906E-04
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       0.23603915E-07-0.25146205E-11-0.29793209E+05 0.39729496E+02
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MeEc8oAoCqjI
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       0.62990255E+01 0.77468850E-01-0.29782859E-04 0.51834177E-08-0.33951745E-12
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 -0.48810156E + 05 \quad 0.20968681E + 02 - 0.10861167E + 01 \quad 0.12299351E + 00 - 0.92500261E - 04 \\ -0.48810156E + 0.0500261E - 0.0500261
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       0.31236574E-07-0.18821938E-11-0.49486301E+05 0.49518764E+02
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DMeEc8oAoCqI
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       0.69497166E+01 \quad 0.76385066E-01-0.29245974E-04 \quad 0.50755848E-08-0.33180701E-12
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 3
       0.46356103E - 07 - 0.69965934E - 11 - 0.47178227E + 05 \quad 0.46523777E + 02
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       0.70092278E + 01 \quad 0.75226724E - 01 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 08 - 0.31948164E - 12 - 0.28505221E - 04 \quad 0.49114939E - 0.28505221E - 0.2850
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 -0.42988723E + 05 \quad 0.21273552E + 02 \quad 0.11721483E + 00 \quad 0.12379012E + 00 - 0.10321677E - 03121677E - 03121677E
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       0.43850044E-07-0.62575297E-11-0.44021586E+05 0.46179268E+02
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MeEc8oAoCqIqjD
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       0.91509008E+01 0.81063397E-01-0.31288877E-04 0.54586820E-08-0.35804367E-12
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 -0.61142234E+05 \quad 0.13919571E+02-0.58366567E+00 \quad 0.13737048E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.10493544E-03E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.1049354E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.104954E+00-0.10
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       0.32265891E-07-0.17261417E-12-0.61751246E+05 0.52697681E+02
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MeEc8oAoCqIqjG
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       2
 -0.60698688E+05 0.33232231E+02 0.82225001E+00 0.13285576E+00-0.99977740E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       0.28967033E-07 0.10063488E-11-0.63028641E+05 0.45943325E+02
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MeEc8oAoCoIqD
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 -0.10785287E + 02 0.11025336E + 00 - 0.48431000E - 04 0.92571888E - 08 - 0.64806477E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -0.71293500E+05 0.12052492E+03-0.25769784E+01 0.13024001E+00-0.95805452E-04
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       0.24750278E-07 0.28223910E-11-0.78271008E+05 0.61492546E+02
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MeEc8oAoCoIqG
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 -0.14317171E+02 0.11589837E+00-0.51347739E-04 0.98723154E-08-0.69395103E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -0.70821430E + 05 \quad 0.14065730E + 03 - 0.13874002E + 01 \quad 0.12719008E + 00 - 0.94276213E - 04 \quad 0.12719008E + 00 - 0.94276213E - 0.0008E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
       0.24783596E-07 0.28529147E-11-0.79524758E+05 0.55656971E+02
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MeBc5oAoF 1/ 9/ 8 THERMC
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       2.10159275E+01 2.43673827E-02-8.45010952E-06 1.32412873E-09-7.73226832E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2
 -5.08245617E + 04 - 7.86361280E + 01 \quad 2.37645397E - 01 \quad 7.08275236E - 02 - 4.77729168E - 05 \quad 4.08275236E - 02 - 4.77729168E - 02 - 4.7772916E - 02 - 4.7772916E - 02 - 4.7772916E - 02 - 4.7772916E - 
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       1.63716950E-08-2.28399884E-12-4.33766855E+04 3.37344377E+01
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MeBc5oyAoF 1/ 9/ 8 THERMC
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       2.08727906E+01 2.20126804E-02-7.65449113E-06 1.20173109E-09-7.02702868E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2.
 -3.19968544E+04-7.63590817E+01 1.06869663E+00 6.55206346E-02-4.32226822E-05
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      1.40420166E-08-1.79383400E-12-2.48537078E+04 3.09627260E+01
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 c9oDoFqjA
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 -0.11662315E + 02 \quad 0.10787868E + 00 - 0.45333709E - 04 \quad 0.83967890E - 08 - 0.57464054E - 12 - 0.83967890E - 08 - 0.83967890E - 0.8396780E - 0.8396
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 3
       0.32731720E-07-0.58687858E-12-0.52882980E+05 0.52972961E+02
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 Cc9oDoFqA
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 2
 -0.42683625E + 05 \quad 0.11968140E + 03 - 0.14442507E + 01 \quad 0.13274308E + 00 - 0.11815168E - 03 - 0.14815168E - 0.1481516
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       0.52904984E-07-0.74903937E-11-0.50542578E+05 0.51250160E+02
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c9oDoFqAqjC
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 -0.90834856E+01 0.11198568E+00-0.47147118E-04 0.87443635E-08-0.59901135E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2
 -0.57462117E + 05 \quad 0.11623879E + 03 - 0.13382232E + 01 \quad 0.14163928E + 00 - 0.11249125E - 03 - 0.1249125E - 0.1249125E
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       0.35329748E-07 0.58763514E-12-0.65136473E+05 0.56596416E+02
 c9oAoDoFqC
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 -0.21894081E + 02 \quad 0.12983495E + 00 - 0.59072558E - 04 \quad 0.11575034E - 07 - 0.82496038E - 128496038E - 12849608E - 1284960
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       0.28860123E-07 0.19584180E-11-0.82490117E+05 0.50758362E+02
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EtDc7oArT
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       0.19707403E+02 0.49297981E-01-0.16142314E-04 0.25086584E-08-0.15186238E-12
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 -0.22573354E + 05 - 0.64419701E + 02 - 0.94374871E + 00 \\ 0.11347138E + 00 - 0.89680092E - 04 \\ 0.11347138E + 0.0000092E - 0.89680092E - 0.000092E - 0.0000092E - 0.000092E 
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       0.40064567E-07-0.77065854E-11-0.17374340E+05 0.40198936E+02
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EtDc7oAqjI
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       0.21609089E+02 0.53857230E-01-0.17990555E-04 0.28395071E-08-0.17394243E-12
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-0.40163562E+05-0.69198257E+02 0.72488815E+00 0.11571302E+00-0.77544340E-04
                                                                                                                                                                                                                                                                                                                                                                                                         3
     0.21578144E-07-0.35606788E-12-0.35004230E+05 0.36785110E+02
DEtDc7oAqI
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      0.22028727E+02 0.51586125E-01-0.16758318E-04 0.25927169E-08-0.15661912E-12
                                                                                                                                                                                                                                                                                                                                                                                                         2.
 3
     0.64101762 \\ \text{E}-07-0.14958049 \\ \text{E}-10-0.30949486 \\ \text{E}+05 \quad 0.39517361 \\ \text{E}+02
                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                   c 9h 17o 50 0G 300.00
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       \texttt{0.13192735E+02} \ \ \texttt{0.75477123E-01-0.27927206E-04} \ \ \texttt{0.47297930E-08-0.30385950E-12} 
                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.50563574E+05-0.13351852E+02 \quad 0.17226167E+01 \quad 0.13208276E+00-0.98008830E-04 \\ -0.50563574E+05-0.13351852E+02 \quad 0.17226167E+01 \\ -0.50563574E+05-0.13351852E+02 \\ -0.5056374E+05-0.13208276E+00-0.98008830E+00 \\ -0.5056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.0056374E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0.005674E+0
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     0.29173398E-07 0.13413072E-12-0.50234230E+05 0.36058720E+02
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                                                                                                                    c 9h 16o 40 0G 300.00 5000.00 1000.00
EtDc7oAoIqD
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     0.12688339E + 01 \quad 0.90234101E - 01 - 0.36986999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 128696999E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.45483777E - 12869699E - 04 \quad 0.67309451E - 08 - 0.454884777E - 12869699E - 0.456969E 
                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.63737656E + 05 \quad 0.49160278E + 02 \quad 0.25990255E + 01 \quad 0.11769840E + 00 - 0.83421881E - 04 \quad 0.11769840E + 0.1176
                                                                                                                                                                                                                                                                                                                                                                                                         3
     0.22061567E-07 \ 0.17316886E-11-0.67591664E+05 \ 0.30067940E+02
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 c7oAoD
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 -0.10871086E+02 0.84257521E-01-0.36654397E-04 0.69569905E-08-0.48450442E-12
                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.43244383E+05 0.10404272E+03 0.13054632E+01 0.81709594E-01-0.56189387E-04
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     0.14539792E-07 0.16800742E-11-0.49963922E+05 0.29176781E+02
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c7ovAoD
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 -0.77518487E + 01 \quad 0.73803537E - 01 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 08 - 0.37027925E - 12 - 0.30178713E - 04 \quad 0.54840616E - 0.37027925E - 0.370275E - 0.370275
 -0.26225336E+05 0.89327576E+02 0.15636251E+01 0.80936842E-01-0.65038796E-04
     0.26075456E-07-0.26360544E-11-0.32182129E+05 0.28977947E+02
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     0.19565617E + 02 \quad 0.49528815E - 01 - 0.16251170E - 04 \quad 0.25298810E - 08 - 0.15336200E - 12
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 3
    0.38917076E-07-0.72881345E-11-0.17381094E+05 0.39928471E+02
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EtDc7oIqiA
     0.21510096E+02 0.54011144E-01-0.18053763E-04 0.28497587E-08-0.17452549E-12
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 -0.40122602E + 05 - 0.68639168E + 02 \quad 0.49140683E + 00 \quad 0.11731987E + 00 - 0.81367718E - 04 - 0.40122602E + 05 - 0.68639168E + 00 \quad 0.49140683E + 00 \quad 0.11731987E + 00 - 0.81367718E - 04 - 0.49140683E + 00 \quad 0.49140684E + 0.4914064E + 0.4914064E + 0.49140684E + 0.4914064E + 0.491406E + 0.491406E + 0.491406E + 0.491406E +
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     0.25353172E-07-0.16764786E-11-0.34979086E+05 0.37775394E+02
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CEtDc7oIgA
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     0.22357227E + 02 \quad 0.51598374E - 01 - 0.16804368E - 04 \quad 0.26007687E - 08 - 0.15694958E - 12
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     0.51294872E-07-0.10409514E-10-0.29424607E+05 0.38322559E+02
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DEtDc7oIqA
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     0.21907801E + 02 \quad 0.51779412E - 01 - 0.16844944E - 04 \quad 0.26086990E - 08 - 0.15769165E - 12 - 0.16844944E - 04 \quad 0.26086990E - 08 - 0.15769165E - 12 - 0.16844944E - 04 \quad 0.1684494E - 0.168449E - 0.1684494E - 0.168449E - 0.168449E - 0.168449E - 0.168449E - 0.168449E - 0.168449
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     0.60844513E-07-0.13792310E-10-0.30969697E+05 0.38713161E+02
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     0.21274967E + 02 \ 0.62037967E - 01 - 0.21507589E - 04 \ 0.34837986E - 08 - 0.21721336E - 12
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 -0.51812336E + 05 - 0.57819473E + 02 \quad 0.20896890E + 01 \quad 0.12934197E + 00 - 0.94054158E - 04 - 0.012934197E + 00 - 0.94054158E - 04 - 0.012934197E + 0.01297E + 0.01297E
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     0.28300891E-07-0.63969847E-12-0.48216645E+05 0.35510265E+02
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      -0.50566883E + 05 - 0.13404404E + 02 \quad 0.18441200E + 01 \quad 0.13125417E + 00 - 0.96057527E - 04 \quad 0.18441200E + 01 \quad 0.18441200E + 0.184
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     0.27268198E-07 0.79275898E-12-0.50247418E+05 0.35542320E+02
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      0.99515266E+01 0.75209320E-01-0.29289291E-04 0.51439688E-08-0.33909217E-12
 -0.65140918E+05 0.15969391E+01 0.30160072E+01 0.11457761E+00-0.78465549E-04
     0.20097797E-07 0.13761636E-11-0.65578969E+05 0.29312233E+02
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      0.19707403E+02 0.49297981E-01-0.16142314E-04 0.25086584E-08-0.15186238E-12
 0.40064567E-07-0.77065854E-11-0.17998338E+05 0.40198936E+02
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      0.21609089E+02 0.53857230E-01-0.17990555E-04 0.28395071E-08-0.17394243E-12
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 -0.40163562E+05-0.69198051E+02 0.72488815E+00 0.11571302E+00-0.77544340E-04
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     0.21578144 \mathtt{E} - 07 - 0.35606788 \mathtt{E} - 12 - 0.35004230 \mathtt{E} + 05 \quad 0.36785309 \mathtt{E} + 02
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      0.22437717E + 02 \quad 0.51477388E - 01 - 0.16760479E - 04 \quad 0.25949785E - 08 - 0.15672146E - 12
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0.54127749E-07-0.11425517E-10-0.29407119E+05 0.39018635E+02
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      0.22180155E+02 0.51896654E-01-0.16960243E-04 0.26343545E-08-0.15952982E-12
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      0.54838313E-07-0.11653426E-10-0.29401254E+05 0.39243748E+02
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      0.21346096E+02 0.61906517E-01-0.21423444E-04 0.34626633E-08-0.21540762E-12
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 -0.51840770E + 05 - 0.58214493E + 02 \quad 0.20205386E + 01 \quad 0.12982008E + 00 - 0.95196003E - 04 \quad 0.12982008E + 00 - 0.95196003E - 0.00082008E + 0.0008208
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      0.29431623E-07-0.10361257E-11-0.48209238E+05 0.35803310E+02
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 -0.51812336E + 05 - 0.57818619E + 02 \quad 0.20896890E + 01 \quad 0.12934197E + 00 - 0.94054158E - 04 \quad 0.12934197E + 00 - 0.94054158E - 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.000644 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.00064164 + 0.0006
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      0.28300891E-07-0.63969847E-12-0.48216645E+05 0.35511135E+02
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      0.28963883E+01 0.87112986E-01-0.35329231E-04 0.63833174E-08-0.42926627E-12
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  -0.62361148E+05 0.40762840E+02-0.12285546E+00 0.12371016E+00-0.88464723E-04
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      0.24256188E-07 0.11496310E-11-0.64712656E+05 0.45237259E+02
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      0.28963883E+01 0.87112986E-01-0.35329231E-04 0.63833174E-08-0.42926627E-12
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      0.24256188E-07 0.11496310E-11-0.64712656E+05 0.45237259E+02
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      0.16699629E+00 0.65259933E-01-0.26677451E-04 0.48475362E-08-0.32732608E-12
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 -0.44052664 \pm +05 \quad 0.41783421 \pm +02 -0.10262246 \pm +01 \quad 0.86168237 \pm -01 -0.57561403 \pm -04162246 \pm +0106464 \pm +0106444 \pm +0106444
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      0.14471183E-07 0.11357007E-11-0.45717461E+05 0.40985931E+02
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      0.30024650E+01 0.55772163E-01-0.21083802E-04 0.36262842E-08-0.23555994E-12
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 -0.26997584 \pm +05 \quad 0.28424377 \pm +02 -0.62852412 \pm +00 \quad 0.84427297 \pm -01 -0.64085449 \pm -04
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      0.23687141E-07-0.23601032E-11-0.27950588E+05 0.40196232E+02
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      0.30024650E+01 0.55772163E-01-0.21083802E-04 0.36262842E-08-0.23555994E-12
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 -0.27349842E + 05 \quad 0.28424377E + 02 - 0.62852412E + 00 \quad 0.84427297E - 01 - 0.64085449E - 04 - 0.64085449E - 0.064085449E -
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      0.23687141E-07-0.23601032E-11-0.28302846E+05 0.40196232E+02
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      0.23356402E+01 \quad 0.48798803E-01-0.18737752E-04 \quad 0.32585250E-08-0.21332654E-12
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      0.37696786E-07-0.78426449E-11-0.23115723E+05 0.265555777E+02
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      0.13177349E + 02 \quad 0.59725847E - 01 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 04 \quad 0.34174696E - 08 - 0.21395415E - 12 - 0.20947586E - 0.209476E - 0.20947586E - 0.209476E - 0.20947586E - 0.209476E - 0.20
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 -0.19915398E + 05 - 0.27919144E + 02 - 0.41764379E + 01 \\ 0.12319455E + 00 - 0.10094105E - 03 \\ -0.10915398E + 05 - 0.27919144E + 02 - 0.41764379E + 01 \\ -0.10915398E + 05 - 0.27919144E + 02 - 0.41764379E + 01 \\ -0.10915398E + 05 - 0.27919144E + 02 - 0.41764379E + 01 \\ -0.10915398E + 00 - 0.10094105E - 03 \\ -0.10915398E + 0.10094105E - 0.00094105E - 0.000
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      0.45321588E - 07 - 0.82656625E - 11 - 0.16497166E + 05 \quad 0.56529488E + 02
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      0.13579293E+02 0.58500309E-01-0.20298032E-04 0.32871048E-08-0.20477274E-12
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 -0.20886639E + 05 - 0.28701164E + 02 - 0.13138429E + 01 \\ 0.11706245E + 00 - 0.10052446E - 03 \\ -0.20886639E + 05 - 0.28701164E + 02 - 0.13138429E + 01 \\ -0.20886639E + 05 - 0.28701164E + 02 - 0.13138429E + 01 \\ -0.20886639E + 05 - 0.28701164E + 02 - 0.13138429E + 01 \\ -0.20886639E + 00 - 0.10052446E - 03 \\ -0.20886639E + 0.2088669E + 0.0088669E + 0.0086669E + 0.0088669E + 0.00
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      0.50347953E-07-0.10727433E-10-0.18193109E+05 0.42671776E+02
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 -0.37571621E + 05 - 0.33542084E + 02 - 0.23520977E + 01 \\ 0.12437174E + 00 - 0.86291104E - 04 \\ -0.23520977E + 01 \\ -0.2352097F + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ -0.2352097 + 01 \\ 
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      0.24371110E-07-0.59437251E-13-0.34143922E+05 0.52453991E+02
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      0.14402573E+02 0.73192298E-01-0.26800111E-04 0.45094475E-08-0.28859125E-12
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 -0.49040656E + 05 - 0.20167770E + 02 - 0.90521741E + 00 \quad 0.13739347E + 00 - 0.10124595E - 03124595E - 03124505E - 031245055E - 03124505
                                                                                                                                                                                                                                                                                                                                                                                                                                                      3
      0.29446280E-07 0.27246646E-12-0.47364594E+05 0.50143902E+02
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9h 17o
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MeEc8oIqAqjD
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        0.14402573E+02 0.73192298E-01-0.26800111E-04 0.45094475E-08-0.28859125E-12
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        0.29446280E-07 0.27246646E-12-0.47364594E+05 0.50836895E+02
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MeEc8oAoIqC
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        0.27277520E + 01 \quad 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 01 - 0.35463458E - 04 \quad 0.64082477E - 08 - 0.43088328E - 12 \\ 0.87397300E - 0.04082477E - 0.0408277E - 0.04
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 -0.62296102E + 05 \quad 0.41702255E + 02 - 0.79506993E - 01 \quad 0.12337977E + 00 - 0.87590692E - 04 - 0.62296102E + 0.062296102E + 0.0622002E + 0.0622002E + 0.0622002E + 0.062
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        0.23298391E-07 \ 0.15193049E-11-0.64716902E+05 \ 0.45057671E+02
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 c9oAqjF
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         0.12044673E+02 0.69845855E-01-0.25560841E-04 0.42970285E-08-0.27470276E-12
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        0.26268618E - 07 - 0.54876888E - 12 - 0.36990914E + 05 \quad 0.39627041E + 02
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         0.12932531E + 02 \quad 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274563E - 01 - 0.24169187E - 04 \quad 0.40118384E - 08 - 0.25427859E - 12 \\ 0.67274564646 - 01 - 0.24169187E - 01 - 0.2416918E - 01 - 0.2416918E - 0.24168E - 0.24168E - 0.24168E - 0.24168E - 0.24168E - 
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 -0.32420508E + 05 - 0.15603394E + 02 \quad 0.66144563E - 01 \quad 0.13056806E + 00 - 0.11668915E - 03 \quad 0.13056806E + 00 - 0.11668915E - 0.10668915E - 0.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
        0.56673898E-07-0.10851707E-10-0.31406910E+05 0.41336288E+02
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         0.12932531E+02 0.67274563E-01-0.24169187E-04 0.40118384E-08-0.25427859E-12
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 -0.32420508E + 05 - 0.15603394E + 02 \quad 0.66144563E - 01 \quad 0.13056806E + 00 - 0.11668915E - 03 \quad 0.13056806E + 00 - 0.11668915E - 0.1066806E + 0.1
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        0.56673898E-07-0.10851707E-10-0.31406910E+05 0.41336288E+02
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         0.12596966E+02 0.67935161E-01-0.24509232E-04 0.40814823E-08-0.25933772E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.32339941E + 05 - 0.13855042E + 02 \quad 0.12512095E + 01 \quad 0.12218927E + 00 - 0.97710668E - 04 \quad 0.12512095E + 01 \quad 0.12512095E + 0.00512095E + 0.005120
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        0.39060513E-07-0.49695161E-11-0.31523482E+05 0.36383152E+02
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c9oAqFqiC
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         0.11508376E+02 0.78523315E-01-0.29447927E-04 0.50335713E-08-0.32540724E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.49808957E+05-0.32727509E+01 0.14229127E+01 0.13494228E+00-0.10329212E-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
        0.32937837E-07-0.78898606E-12-0.50201594E+05 0.37712765E+02
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        0.11508376E + 02 \quad 0.78523315E - 01 - 0.29447927E - 04 \quad 0.50335713E - 08 - 0.32540724E - 12 \\ 0.50335713E - 0.000724E - 0.00072
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.49808930E + 05 - 0.32729492E + 01 0.14078443E + 01 0.13504463E + 00 - 0.10353331E - 03
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        0.33174590E-07-0.87158481E-12-0.50199949E+05 0.37776619E+02
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 c9oAqFqjH
        0.11508376E + 02 \quad 0.78523315E - 01 - 0.29447927E - 04 \quad 0.50335713E - 08 - 0.32540724E - 12 \\ 0.50335713E - 0.000724E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.50080773E + 05 - 0.25780029E + 01 \quad 0.14750094E + 01 \quad 0.13458532E + 00 - 0.10244535E - 03 \quad 0.14750094E + 01 \quad 0.13458532E + 00 - 0.10244535E - 03 \quad 0.14750094E + 01 \quad 0.14750094E + 0.147500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
        0.32102744E-07-0.49667714E-12-0.50478973E+05 0.38186497E+02
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 -0.82460718E+01 \quad 0.10618205E+00-0.45255594E-04 \quad 0.84658565E-08-0.58346855E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.61494977E+05 \quad 0.10365479E+03 \quad 0.21486363E+01 \quad 0.11964699E+00-0.87985092E-04 \\ -0.61494977E+05 \quad 0.10365479E+03 \quad 0.21486363E+01 \\ -0.61494977E+05 \quad 0.10365479E+03 \\ -0.6149497E+05 \quad 0.10365479E+03 \\ -0.6149497E+05 \quad 0.10365479E+03 \\ -0.6149497E+05 \quad 0.10365479E+05 \\ -0.614947E+05 \quad 0.10365479E+05 \\ -0.614947E+05 \quad 0.10365479E+05 \\ -0.61497E+05 \quad 0.10365479E+05 \\ -0.614947E+05 \quad 0.10365479E+05 \\ -0.61497E+05 \quad 0.10365479E+05 \\ -0.614947E+05 \quad 0.1036479E+05 \\ -0.614947E+05 \quad 0.1036479E+0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
        0.25156368E-07 \ 0.14203939E-11-0.68952391E+05 \ 0.33686035E+02
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 -0.84019547E+01 \quad 0.10645775E+00-0.45408859E-04 \quad 0.85001703E-08-0.58616008E-12
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 -0.61433680E + 05 \quad 0.10452238E + 03 \quad 0.20009656E + 01 \quad 0.12065759E + 00 - 0.90378329E - 04 \quad 0.12065759E + 0.00065759E + 0.000657E + 0.000657E + 0.000657E + 0.00067E + 0.0006
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        0.27510673E-07 0.59916959E-12-0.68936383E+05 0.34313309E+02
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 -0.84019547E+01 \quad 0.10645775E+00-0.45408859E-04 \quad 0.85001703E-08-0.58616008E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.61705422E + 05 \quad 0.10452238E + 03 \quad 0.20009656E + 01 \quad 0.12065759E + 00 - 0.90378329E - 04 \quad 0.0009656E + 01 \quad 0.0009656E + 01 \quad 0.0009656E + 00 \quad 0.0009666E + 0.000966E + 0.0009666E + 0.0009666E + 0.0009666E + 0.0009666E + 0.000966E + 0.0009666E + 0.0009666E + 0.0009666E + 0.0009666E + 0.000966E + 0.0009666E + 0.000966E + 
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        0.27510673E-07 0.59916959E-12-0.69208125E+05 0.34313309E+02
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         0.82111073E+01 0.40155079E-01-0.13979767E-04 0.22705728E-08-0.14180257E-12
 -0.10447417E + 05 - 0.74008026E + 01 - 0.33821123E + 01 0.86634725E - 01 - 0.77741752E - 04 - 0.86634725E - 01 - 0.77741752E - 04 - 0.86634725E - 01 - 0.86634725E - 0.0664725E - 0.06647
        0.39175074E-07-0.81817097E-11-0.84581689E+04 0.47792149E+02
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         0.35698154E+02 0.31010073E-01-0.89456198E-05 0.12721248E-08-0.72570137E-13
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 3
        0.18047238E-07-0.50756675E-12-0.34481238E+05 0.55032608E+02
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CochoBaE
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        2.
 -0.45078977E + 05 - 0.16294919E + 03 - 0.43735304E + 01 0.12714297E + 00 - 0.93248455E - 04
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         0.36096907E-07-0.66502077E-11-0.32151982E+05 0.52726383E+02
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pchoBqEqjC
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0.38562927E+02 0.34417655E-01-0.10224517E-04 0.14835224E-08-0.85720303E-13
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-0.59989492E+05-0.16936945E+03-0.47122269E+01 0.13916355E+00-0.95118849E-04
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    0.26034154E-07-0.12238623E-11-0.46699203E+05 0.59367001E+02
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pchoBoEqC 1/10/ 8 THERMC
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    3.47300378E+01 3.62941623E-02-1.27136293E-05 2.00577086E-09-1.17683829E-13
                                                                                                                                                                                                                                                                               2
-7.83385531E + 04 - 1.51998479E + 02 - 4.90044600E + 00 \\ 1.32509103E - 01 - 1.03753304E - 04 \\ - 04 - 1.03753304E - 04 \\ - 04 - 1.03753304E - 04 \\ - 04 - 1.03753304E - 04 \\ - 05 - 1.0375344 - 04 \\ - 05 - 1.0375344 - 04 \\ - 05 - 1.0375344 - 04 \\ - 05 - 1.037534 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.03754 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.037544 - 04 \\ - 05 - 1.0375
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    4.19251063E-08-6.92670021E-12-6.48899144E+04 5.96382723E+01
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-0.42454281E+01 \quad 0.94670810E-01-0.39318438E-04 \quad 0.72222424E-08-0.49131521E-12
                                                                                                                                                                                                                                                                               2
-0.29584074E+05 \quad 0.64256508E+02-0.40607471E+01 \quad 0.13380551E+00-0.10762274E-03
                                                                                                                                                                                                                                                                               3
   0.37578587E - 07 - 0.19922484E - 11 - 0.33856906E + 05 \quad 0.48254677E + 02
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DpchoEqB
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-0.37046502E + 01 \quad 0.92527121E - 01 - 0.37987546E - 04 \quad 0.69226291E - 08 - 0.46834829E - 12 - 0.69226291E - 08 - 0.46834829E - 12 - 0.69226291E - 0.09226291E - 0.09226291E - 0.09226291E - 0.09226291E - 0.09226291E - 0.09226291E - 0.0922
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3
    0.40192475E-07-0.35109381E-11-0.31648539E+05 0.41313667E+02
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pchoEqBqjD 1/10/ 8 THERMC
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    3.85491649E+01 3.77552444E-02-1.32252233E-05 2.08643342E-09-1.22413668E-13
                                                                                                                                                                                                                                                                               2
 -6.10780026E+04-1.70464912E+02-3.08406382E+00 1.40483092E-01-1.12592537E-04
                                                                                                                                                                                                                                                                               3
    4.67761638E-08-7.94183228E-12-4.70857986E+04 5.13302698E+01
                                                                                                                                                                                                                                                                               4
                                                                                               9h 14o
pchoBoEqD 1/10/8 THERMC
                                                                                                                                  4
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                           51
    3.50157945E+01 3.60607989E-02-1.26357317E-05 1.99392500E-09-1.17008103E-13
                                                                                                                                                                                                                                                                               2
 -7.89080939E+04-1.54568452E+02-2.51225673E+00 1.24201308E-01-9.26528993E-05
                                                                                                                                                                                                                                                                               3
    3.55224007E-08-5.58884930E-12-6.58723459E+04 4.69012582E+01
                                                                                                                                                                                                                                                                               4
c7e60A
                                      7/ 6/ 7 THERMC
                                                                                               7h 12o
                                                                                                                                 1
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1385.000
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    2.20744340E+01 2.77127698E-02-9.42270148E-06 1.45759132E-09-8.43677986E-14
                                                                                                                                                                                                                                                                               2
-2.79434809E+04-8.52617781E+01 7.83796874E-01 7.55786473E-02-5.03742246E-05
                                                                                                                                                                                                                                                                               3
   1.74118721E-08-2.48572467E-12-2.03275570E+04 2.98061738E+01
                                                                                                                                                                                                                                                                               4
Ес7ебоА
                                     7/ 6/ 7 THERMC
                                                                                               7h 11o
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                                                                                                                                                                    300.000 5000.000 1384.000
                                                                                                                                                                                                                                                                           41
                                                                                                                                 1
    2.17200844E+01 2.59524656E-02-8.83110208E-06 1.36701766E-09-7.91700585E-14
                                                                                                                                                                                                                                                                              2
-1.08673710E + 04 - 8.45973389E + 01 4.77913704E - 01 7.38493344E - 02 - 4.97980833E - 05
                                                                                                                                                                                                                                                                              3
   1.72506095E-08-2.44607312E-12-3.30469830E+03 3.01228426E+01
                                                                                                                                                                                                                                                                               4
                                      7/ 6/ 7 THERMC
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1388.000
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c5e4oB
                                                                                               5h
                                                                                                                80
                                                                                                                                 1
   1.51299061E+01 1.99344801E-02-6.89920787E-06 1.07961487E-09-6.29819809E-14
                                                                                                                                                                                                                                                                              2
-2.29470024E + 04 - 5.06856034E + 01 - 5.31920741E - 01 \quad 5.50124567E - 02 - 3.70183833E - 05 \quad 5.5012467E - 02 - 3.70183833E - 05 \quad 5.5012467E - 02 - 3.70183834E - 02 - 3.701848E - 02 - 3.70184E - 
                                                                                                                                                                                                                                                                               3
                                                                                                                                                                                                                                                                               4
   1.29750012E-08-1.89756839E-12-1.72987735E+04 3.40615117E+01
                                     7/10/ 7 THERMC
                                                                                                                                                                                                                                                                           11
                                                                                               5h
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                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1391.000
Cc5e4oB
                                                                                                                                 1
   1.42439717E+01 1.88122910E-02-6.47297368E-06 1.00899066E-09-5.87036712E-14
                                                                                                                                                                                                                                                                              2.
-5.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ 5.35151580E - 02 - 3.71454024E - 05 \\ -05.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ -05.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ -05.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ -05.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ -05.61086463E + 03 - 4.69175480E + 01 - 8.59331021E - 01 \\ -05.61086463E + 01 - 8.69175480E + 01 
                                                                                                                                                                                                                                                                               3
   1.34785874E-08-2.03049596E-12-2.74828717E+02 3.44573788E+01
                                                                                                                                                                                                                                                                               4
                                     7/ 9/ 7 THERMC
                                                                                                                                                                                                                                                                           41
c7e6oAoE
                                                                                               7h 10o
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                                                                                                                                                              300.000 5000.000 1383.000
   2.
3
    2.10372908E-08-3.44012126E-12-3.60825568E+04 2.42785604E+01
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                                   7/ 9/ 7 THERMC
                                                                                               7h
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c7e6oyAoE
    2.25723316E+01 2.26612407E-02-7.69791011E-06 1.19082329E-09-6.89525310E-14
                                                                                                                                                                                                                                                                               2
-2.43835434E+04-8.36367263E+01 2.94509118E+00 6.91086766E-02-5.07104860E-05
                                                                                                                                                                                                                                                                               3
   1.98097999E-08-3.23709903E-12-1.75554431E+04 2.16860112E+01
                                                                                                                                                                                                                                                                               4
                                      7/ 9/ 7 THERMC
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Dc7oA
                                                                                               7h 13o
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1369.000
    2.29303083E+01 2.84789208E-02-9.56697649E-06 1.46907773E-09-8.46344274E-14
                                                                                                                                                                                                                                                                               2
-2.03095403E + 04 - 8.66447713E + 01 \quad 2.51831473E + 00 \quad 6.82280050E - 02 - 3.51997630E - 05 \quad 6.82280050E - 02 - 3.51997620E - 02 - 3.51997620
                                                                                                                                                                                                                                                                               3
   6.85047489E-09-1.96789714E-14-1.24793541E+04 2.57113472E+01
                                                                                                                                                                                                                                                                               4
c7e3oA
                                      7/ 9/ 7 THERMC
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                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1390.000
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    2.14997354E+01 2.87317437E-02-9.88432798E-06 1.54055519E-09-8.96225798E-14
                                                                                                                                                                                                                                                                               2
-2.87410292E + 04 - 8.15987685E + 01 - 9.30074531E - 01 7.95474150E - 02 - 5.39653140E - 05
                                                                                                                                                                                                                                                                               3
   1.90639270E-08-2.79428078E-12-2.07393954E+04 3.95148393E+01
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                                      7/ 9/ 7 THERMC
                                                                                                7h 11o
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c7e4ovA
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    2.14656435E+01 2.56674426E-02-8.71654041E-06 1.34749222E-09-7.79680792E-14
                                                                                                                                                                                                                                                                              2
-1.03652824E+04-7.95060527E+01 1.05406956E+00 7.15273135E-02-4.78247798E-05
                                                                                                                                                                                                                                                                              3
   1.64861321E-08-2.33486290E-12-3.07218744E+03 3.08030634E+01
                                                                                                                                                                                                                                                                               4
                                                                                                                70
                                                                                                                                                                                                                                                                           21
Cc5e4oA
                                      7/10/ 7
                                                                                               5h
                                                                                                                                 1
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1379.000
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    1.54713514E + 01 \quad 1.68864499E - 02 - 5.72117729E - 06 \quad 8.83592033E - 10 - 5.11086991E - 14
                                                                                                                                                                                                                                                                               2
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-2.72373975E+03-5.39511639E+01 1.03263576E+00 4.89494687E-02-3.24763290E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.08953861E-08-1.47576893E-12 2.45795125E+03 2.41888578E+01
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                                                          7/ 9/ 7 THERMC 6h 8o
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 c6e50A04
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     2.
 -3.90133043E + 04 - 6.84026699E + 01 \quad 2.50569395E + 00 \quad 6.15096873E - 02 - 4.58620740E - 05 \quad 6.15096873E - 02 - 4.58620740E - 02 - 4.586200E - 02 -
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.86554271E-08-3.20924485E-12-3.32168352E+04 2.09453262E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
 c6e5oyAo4 7/ 9/ 7 THERMc 6h 7o 2 0G 300.000 5000.000 1381.000
                                                                                                                                                                                                                                                                                                                                                                                                                               31
     1.92058176 \pm +01 \ 1.85168925 \pm -02-6.31071906 \pm -06 \ 9.78299881 \pm -10-5.67275923 \pm -14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -2.02176761E + 04 - 6.69569317E + 01 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 05 \quad 3.24567513E + 00 \quad 5.66537970E - 02 - 4.22609728E - 00 \quad 5.66537970E - 00 \quad 5.6653790E - 00 \quad 5.6653790E - 00 \quad 5.66537970E - 00 \quad 5.6653790E - 00 \quad 5.66
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.69209048E-08-2.84278709E-12-1.46794826E+04 1.85952020E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                 7/ 9/ 7 THERMC 5h 6o 2 0G 300.000 5000.000 1388.000
 c5e4oAoC
                                                                                                                                                                                                                                                                                                                                                                                                                               31
      1.68769642E+01 1.61913284E-02-5.67379327E-06 8.95337958E-10-5.25401315E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -3.50082224 \pm +04 -5.83230757 \pm +01 \quad 6.87543627 \pm -02 \quad 5.60251296 \pm -02 -4.23175060 \pm -05 \quad 6.87543627 \pm -02 \quad 5.60251296 \pm -02 -4.23175060 \pm -05 \quad 6.87543627 \pm -02 \quad 6.875477 \pm -
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.65049826E-08-2.64604084E-12-2.91988354E+04 3.17961457E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                    4
c5e4oyAoC 7/9/7 THERMc 5h 5o 2 0G
                                                                                                                                                                                                                                                               300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                                               31
      1.64836434E+01 1.40142410E-02-4.93114637E-06 7.80298041E-10-4.58778183E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -1.60527831E+04-5.45415411E+01 8.15192809E-01 5.13180232E-02-3.93553532E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                    3
     1.54604269E-08-2.48263477E-12-1.06656436E+04 2.93875755E+01
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c6alCco
                                                          7/ 9/ 7 THERMC 7h 11o
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                                                                                                                                                                                                                          0G
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                                                                                                                                                                                                                                                                                                                                                                                                                               61
      2.68722788E+01 2.24932695E-02-8.02969635E-06 1.28284166E-09-7.59282884E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -3.70732549E+04-1.07975701E+02 2.87311858E+00 7.04229139E-02-4.12202640E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.00866241E-08-6.44829778E-13-2.79300193E+04 2.37990445E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                    4
MeCc6oBoGrA 7/9/7 THERMc 7h 11o
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                                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                                               300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                               51
      2.46880824E+01 2.63845653E-02-9.15582418E-06 1.43539891E-09-8.38492925E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -3.73386833E + 04 - 9.62768790E + 01 - 5.76255261E - 01 8.62696006E - 02 - 6.39892904E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
      2.45492498E-08-3.86341318E-12-2.86346409E+04 3.91299191E+01
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                                                     7/ 9/ 7 THERMC 7h 10o
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                                                                                                                                                                                                                                                                                                                                                                                                                               51
c7e6oAoD
      2.29379227E+01 2.45731356E-02-8.38086453E-06 1.29999114E-09-7.54165769E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -4.09931059E + 04 - 8.60711952E + 01 \quad 1.72209724E + 00 \quad 7.32895053E - 02 - 5.16746692E - 05 \quad 1.72209724E + 00 \quad 1.72209724
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.91593167E-08-2.97030642E-12-3.34716346E+04 2.82911281E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
c7e6oyAoD 7/ 9/ 7
                                                                                                                         c 7h 9o 2
                                                                                                                                                                                                                           OG 300.000 5000.000 1379.000
                                                                                                                                                                                                                                                                                                                                                                                                                               51
      2.24264795E+01 2.26050969E-02-7.73143276E-06 1.20147634E-09-6.97896206E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -2.19968562E + 04 - 8.16391005E + 01 \quad 2.50752681E + 00 \quad 6.84748836E - 02 - 4.86790698E - 05 \quad 4.86790698
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.81937294E-08-2.84276570E-12-1.49457239E+04 2.56903444E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                        7/ 9/ 7 THERMC 6h 10o
                                                                                                                                                                                                                         OG 300.000 5000.000 1388.000
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                                                                                                                                                                                                 1
     1.81829678E + 01 \quad 2.45052211E - 02 - 8.46335590E - 06 \quad 1.32244485E - 09 - 7.70671491E - 14 \quad 1.81829678E + 01 \quad 2.45052211E - 02 - 8.46335590E - 06 \quad 1.32244485E - 09 - 7.70671491E - 14 \quad 1.81829678E + 01 \quad 1.81829678E
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -2.70818973E + 04 - 6.52675672E + 01 - 3.75897473E - 01 6.77164773E - 02 - 4.80841893E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.84447669E-08-3.00647177E-12-2.04998688E+04 3.46619611E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                          7/ 9/ 7 THERMC
                                                                                                                                                                                                                            OG 300.000 5000.000 1387.000
                                                                                                                                           6h 9o
                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                                                                                                                                                                                               41
     1.77472564E+01 \quad 2.23901292E-02-7.74749693E-06 \quad 1.21212119E-09-7.07002113E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -2.01149021E+03-6.04752531E+01 4.39949418E-01 6.29561516E-02-4.53182600E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     1.76489506E-08-2.91824844E-12 4.10585424E+03 3.26303436E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                   4
                                                          7/10/ 7 THERMC
                                                                                                                                           9h 14o
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                                                                                                                                                                                                                                 OG 300.000 5000.000 1386.000
                                                                                                                                                                                                                                                                                                                                                                                                                               71
      2.88675536E+01 3.45292008E-02-1.19228300E-05 1.86296032E-09-1.08571266E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -5.28898939E+04-1.15536858E+02 1.38622669E+00 9.84553737E-02-7.02665475E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     2.68773852E-08-4.34753747E-12-4.31627279E+04 3.24156584E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                    4
c9e5oyAoD 7/10/ 7 THERMC 9h 13o
                                                                                                                                                                                                                                 OG 300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                                                               71
                                                                                                                                                                                                   2
      2.84661228E+01 3.23697237E-02-1.11885101E-05 1.74944534E-09-1.02006562E-13
 -3.39321695E+04-1.11711508E+02 2.14228444E+00 9.37290049E-02-6.73055552E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     2.58525529E-08-4.19203337E-12-2.46315729E+04 2.99579173E+01
                                                          7/10/ 7 THERMC
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      2.92807547E+01 3.34748948E-02-1.15074736E-05 1.79351748E-09-1.04365215E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                   2
 -5.06874981E+04-1.16602034E+02 7.13706072E-01 9.86157603E-02-6.88393165E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     2.51588545E-08-3.84096399E-12-4.05127680E+04 3.75494305E+01
c9e6oyAoD 7/10/ 7 THERMC
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      2.89081759E+01 3.12730451E-02-1.07556419E-05 1.67704646E-09-9.76217526E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -3.17424778E + 04 - 1.12941103E + 02 \quad 1.48611603E + 00 \quad 9.38081997E - 02 - 6.57386589E - 05 \quad 1.48611603E + 00 \quad 9.38081997E - 02 - 6.57386589E - 05 \quad 9.3808199E - 02 - 6.57386589E - 05 \quad 9.3808199E - 02 - 6.57386589E - 00 \quad 9.3808199E - 00 \quad 9.380819E - 00 \quad 9.380819E
                                                                                                                                                                                                                                                                                                                                                                                                                                   3
     2.40358640E-08-3.66216546E-12-2.19839306E+04 3.50173419E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                           7/10/ 7 THERMC
                                                                                                                                                   8h 13o
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      2.38069813E+01 3.16098001E-02-1.09133462E-05 1.70490644E-09-9.93416931E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -1.15606811E + 04 - 8.93377977E + 01 - 5.18171032E - 01 \\ 8.81427380E - 02 - 6.24333809E - 05 \\ -05 - 6.2433809E - 05 \\ -05 - 6.243809E - 05
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2.37422642E-08-3.82177543E-12-2.94466685E+03 4.16409010E+01
                                                                                                                                                                                                                                                                                   4
                                 7/10/ 7 THERMC 6h 8o 2 0G
                                                                                                                                                                 300.000 5000.000 1389.000
                                                                                                                                                                                                                                                                                41
c6e5oAoC
   1.94478160E + 01 2.11666903E - 02 - 7.37702337E - 06 1.15987572E - 09 - 6.78907843E - 14
                                                                                                                                                                                                                                                                                   2
-3.62488011E + 04 - 6.92702575E + 01 - 7.62663049E - 01 6.86057003E - 02 - 5.05218154E - 05
                                                                                                                                                                                                                                                                                   3
   1.93155693E-08-3.04883741E-12-2.92114899E+04 3.92628593E+01
                                                                                                                                                                                                                                                                                   4
                                                                                                                                                                       300.000 5000.000 1388.000
c6e5oyAoC 7/10/ 7 THERMc 6h 7o 2
                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                41
   1.90485469E+01 1.90055039E-02-6.64218926E-06 1.04629198E-09-6.13226527E-14
                                                                                                                                                                                                                                                                                   2
3
                                                                                                                                                                                                                                                                                   4
   1.82566769E-08-2.88497285E-12-1.06802559E+04 3.68000066E+01
                                      7/10/ 7 THERMC
                                                                                                7h 13o
                                                                                                                                                                      300.000 5000.000 1386.000
Gic7al
                                                                                                                               1
                                                                                                                                                   0G
                                                                                                                                                                                                                                                                                61
   2.29054189E+01 2.92302911E-02-9.96622880E-06 1.54436554E-09-8.94939005E-14
                                                                                                                                                                                                                                                                                   2
-2.00273660E + 04 - 8.76773291E + 01 \quad 1.15457950E + 00 \quad 7.73093903E - 02 - 5.01438693E - 05 \quad 1.05457950E + 00 \quad 1.0547950E + 00 \quad 1.054795
                                                                                                                                                                                                                                                                                   3
   1.67275654E-08-2.29277880E-12-1.21564701E+04 3.01825709E+01
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERMC 6h 11o 1
Ac6oC
                                                                                                                                               0G
                                                                                                                                                                 300.000 5000.000 1380.000
                                                                                                                                                                                                                                                                                51
   1.92391148E+01 2.51659147E-02-8.57508083E-06 1.32847255E-09-7.69774808E-14
                                                                                                                                                                                                                                                                                   2
-1.85404890E+04-6.82700569E+01 2.08958703E+00 6.24878115E-02-3.97257078E-05
                                                                                                                                                                                                                                                                                   3
   1.33752941E-08-1.92193795E-12-1.21992557E+04 2.49951664E+01
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERMC
                                                                                                7h 13o
                                                                                                                               1
                                                                                                                                                   0G
                                                                                                                                                                       300.000 5000.000 1391.000
                                                                                                                                                                                                                                                                                61
   2.27736322E+01 2.97799120E-02-1.02472913E-05 1.59734929E-09-9.29348913E-14
                                                                                                                                                                                                                                                                                   2
-1.99075493E+04-8.72635480E+01 6.48832789E-02 7.99452184E-02-5.20101452E-05
                                                                                                                                                                                                                                                                                   3
   1.72351067E-08-2.32414135E-12-1.16966938E+04 3.57794978E+01
                                                                                                                                                                                                                                                                                   4
                                      7/10/ 7 THERMC
                                                                                                5h
                                                                                                             90
                                                                                                                                1
                                                                                                                                                   0G
                                                                                                                                                                       300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                31
   0.66845322E+01 0.33922009E-01-0.11845391E-04 0.19263264E-08-0.12032020E-12
                                                                                                                                                                                                                                                                                   2.
-0.96076836E + 04 - 0.24671249E + 01 - 0.17568089E + 00 \quad 0.66408359E - 01 - 0.61934203E - 04 - 0.06408359E - 01 - 0.06408359E - 0.06408359E - 0.06408359E - 0.06408359E - 0.06408359E - 0.06408359E - 0.064089E - 0.06
                                                                                                                                                                                                                                                                                   3
   0.34230158E-07-0.79713926E-11-0.88001182E+04 0.28674427E+02
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERMC
                                                                                                7h 10o
                                                                                                                                2
                                                                                                                                                0G
                                                                                                                                                                       300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                51
c7e6oAoC
   2.24761773E+01 2.56154967E-02-8.86826304E-06 1.38817449E-09-8.10043228E-14
                                                                                                                                                                                                                                                                                   2
-4.07556048E+04-8.37950630E+01 4.62235278E-01 7.66917608E-02-5.48842864E-05
                                                                                                                                                                                                                                                                                   3
   2.06518414E-08-3.24375222E-12-3.30002507E+04 3.46855966E+01
                                                                                                                                                                                                                                                                                   4
c7e6oyAoC 7/10/ 7 THERMC 7h 9o
                                                                                                                                                   0G
                                                                                                                                                               300.000 5000.000 1386.000
                                                                                                                               2.
                                                                                                                                                                                                                                                                                51
   2.20119241E+01 2.35801357E-02-8.19181519E-06 1.28521368E-09-7.51141884E-14
                                                                                                                                                                                                                                                                                   2
-2.17820742E + 04 - 7.96342215E + 01 \quad 1.31710213E + 00 \quad 7.15657591E - 02 - 5.14210044E - 05 \quad 1.31710213E + 00 \quad 1.31710212E + 00 \quad 1.31710212
                                                                                                                                                                                                                                                                                   3
   1.93954647E-08-3.05300202E-12-1.44847900E+04 3.17636825E+01
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERMC 6h 11o
                                                                                                                                                0G
                                                                                                                                                               300.000 5000.000 1364.000
                                                                                                                               1
                                                                                                                                                                                                                                                                                51
СсбоА
   1.98432275E+01 2.43989526E-02-8.26755769E-06 1.27699773E-09-7.38701822E-14
                                                                                                                                                                                                                                                                                   2
3
   3.60776139E-09 4.57655126E-13-9.57641147E+03 2.33632396E+01
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERMC 9h 15o
                                                                                                                                                OG 300.000 5000.000 1386.000
Ipc9oAoB
                                                                                                                              2.
                                                                                                                                                                                                                                                                                71
   3.06288284E+01 3.48015184E-02-1.18549879E-05 1.83635366E-09-1.06399630E-13
                                                                                                                                                                                                                                                                                   2
3
   2.64915492E-08-3.94566679E-12-2.82230645E+04 3.73914703E+01
                                                                                                                                                                                                                                                                                   4
c2h4cohco 7/10/ 7 THERMc 4h 5o
                                                                                                                                    2
                                                                                                                                                     0G
                                                                                                                                                              300.000 5000.000 1375.000
                                                                                                                                                                                                                                                                                31
   1.47337280E+01 1.25643884E-02-4.35024239E-06 6.81592295E-10-3.98170637E-14
                                                                                                                                                                                                                                                                                   2
-1.71469182E + 04 - 4.55504166E + 01 2.78625065E + 00 3.88009924E - 02 - 2.60598416E - 05
                                                                                                                                                                                                                                                                                   3
   8.78900367E-09-1.20339312E-12-1.28099088E+04 1.92459988E+01
                                                                                                                                                                                                                                                                                   4
                                     7/10/ 7 THERGC 5h
                                                                                                             70
                                                                                                                                    2
                                                                                                                                                     0G
                                                                                                                                                                       300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                11
-0.95265503E+01 0.59931446E-01-0.25584857E-04 0.47925139E-08-0.33066613E-12
                                                                                                                                                                                                                                                                                   2
-0.19081514E + 05 \quad 0.92379791E + 02 - 0.15479689E + 01 \quad 0.70708588E - 01 - 0.69866604E - 04 - 0.008666604E 
                                                                                                                                                                                                                                                                                   3
   0.37012153E-07-0.71111337E-11-0.24386900E+05 0.39584663E+02
                                                                                                                                                                                                                                                                                   4
                                      7/11/ 7 THERMC
                                                                                                7h 13o
                                                                                                                                                     0G
                                                                                                                                                                       300.000 5000.000 1381.000
                                                                                                                                                                                                                                                                                61
   2.25119200E+01 2.94746899E-02-1.00348912E-05 1.55377231E-09-8.99981839E-14
                                                                                                                                                                                                                                                                                   2
-2.26732787E + 04 - 8.44335137E + 01 1.80119964E + 00 7.49149749E - 02 - 4.81985328E - 05
                                                                                                                                                                                                                                                                                   3
   1.63384955E-08-2.34378313E-12-1.50775486E+04 2.80251822E+01
                                      7/11/ 7 THERMC
                                                                                                7h 11o
                                                                                                                                    2
                                                                                                                                                     0G
                                                                                                                                                                      300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                51
Ac7oBoD
   2.40432333E+01 2.69939765E-02-9.37916146E-06 1.47158277E-09-8.60082468E-14
                                                                                                                                                                                                                                                                                   2
-3.91180866E+04-9.16156219E+01 3.74699360E-01 8.24604564E-02-6.01061202E-05
                                                                                                                                                                                                                                                                                   3
   2.31100363E-08-3.71066309E-12-3.08236802E+04 3.55931667E+01
                                                                                                                                                                                                                                                                                   4
Ec7e6oAoB 7/11/ 7
                                                                                                 7h
                                                                                  C
                                                                                                             90
                                                                                                                               2.
                                                                                                                                                     0G
                                                                                                                                                                       300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                31
   2.31413695E+01 2.25446007E-02-7.64865124E-06 1.18249285E-09-6.84508147E-14
                                                                                                                                                                                                                                                                                   2.
-2.13980019E + 04 - 8.99219255E + 015.39366139E - 017.56506238E - 02 - 5.53502788E - 05.39366139E - 017.56506238E - 02 - 5.53502788E - 05.53502788E - 05.55502788E - 05.5550200000000000
                                                                                                                                                                                                                                                                                   3
   2.07145256E-08-3.14967032E-12-1.36121779E+04 3.13052600E+01
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chxoAoC
                                                     1/21/ 8 THERMC
                                                                                                                                       6h
                                                                                                                                                               80
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                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                         300.000 5000.000 1378.000
                                                                                                                                                                                                                                                                                                                                                                                            01
    1.82253465E+01 2.28609430E-02-7.74943219E-06 1.19734179E-09-6.92792678E-14
                                                                                                                                                                                                                                                                                                                                                                                                2.
 -4.86992142E + 04 - 6.89412972E + 01 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 05 - 2.08640668E + 00 \quad 6.72509469E - 02 - 4.35141188E - 02 - 4.08640668E + 00 \quad 6.72509469E - 00 - 2.0864066E + 00 \quad 6.7250966E + 00 \quad 6.725096E +
                                                                                                                                                                                                                                                                                                                                                                                                3
     1.37485092E-08-1.67421425E-12-4.13798772E+04 4.11663799E+01
                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                     1/21/ 8 THERMc 6h 7o 2
                                                                                                                                                                                                     0G
                                                                                                                                                                                                                                 300.000 5000.000 1379.000
BchxoAoC
                                                                                                                                                                                                                                                                                                                                                                                            01
     1.87264331E + 01 \quad 2.04622148E - 02 - 7.04652040E - 06 \quad 1.10040183E - 09 - 6.41463860E - 14 \quad 1.0040183E - 09 - 100401860E - 1004018
                                                                                                                                                                                                                                                                                                                                                                                                2
 3
     1.68107612E-08-2.21840463E-12-2.86980141E+04 4.84847799E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                                     1/21/ 8 THERMC 6h 7o 2 0G
                                                                                                                                                                                                                                 300.000 5000.000 1383.000
DchxoAoC
                                                                                                                                                                                                                                                                                                                                                                                            01
     1.93555809E + 01 \ 1.97018860E - 02 - 6.73388091E - 06 \ 1.04632010E - 09 - 6.07824366E - 14 \ 1.97018860E - 14 \ 1.97018860E
                                                                                                                                                                                                                                                                                                                                                                                                2
 3
     1.89279465E-08-2.80484286E-12-1.98867217E+04 4.04393214E+01
                                                                                                                                                                                                                                                                                                                                                                                                 4
 c6oAoBoyF 1/21/8 THERMc 6h 7o 3 OG
                                                                                                                                                                                                                                300.000 5000.000 1377.000
                                                                                                                                                                                                                                                                                                                                                                                            41
      2.16376266E+01 1.86763947E-02-6.39064176E-06 9.93560847E-10-5.77349308E-14
                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.08373712E + 04 - 7.69501253E + 01 \quad 4.77828634E + 00 \quad 5.63023845E - 02 - 3.82466396E - 05 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.778286634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828634E + 00 \quad 5.63023845E - 00 - 3.82466396E - 00 \quad 4.77828636E - 00 \quad 4.778286634E + 00 \quad 4.778286664E + 00 \quad 4.7782
                                                                                                                                                                                                                                                                                                                                                                                                 3
     1.32528973E-08-1.88153415E-12-3.47820951E+04 1.42637426E+01
                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                     1/21/ 8 THERMc 5h 7o 2
                                                                                                                                                                                                    0G
                                                                                                                                                                                                                                         300.000 5000.000 1379.000
                                                                                                                                                                                                                                                                                                                                                                                            31
      1.77020869E+01 1.71725959E-02-5.83252419E-06 9.02286346E-10-5.22503519E-14
                                                                                                                                                                                                                                                                                                                                                                                                 2
 -2.11103551E+04-5.98910424E+01 2.45680311E+00 5.15084396E-02-3.51259212E-05
                                                                                                                                                                                                                                                                                                                                                                                                 3
     1.22197853E-08-1.73269374E-12-1.56840492E+04 2.24488418E+01
                                                                                                                                                                                                                                                                                                                                                                                                 4
Fc6eloCoE 1/21/ 8 THERMc 6h
                                                                                                                                                         70
                                                                                                                                                                                  2
                                                                                                                                                                                                         0G
                                                                                                                                                                                                                                         300.000 5000.000 1394.000
                                                                                                                                                                                                                                                                                                                                                                                            21
      2.00296010E+01 1.89068802E-02-6.58174162E-06 1.03402138E-09-6.04908616E-14
                                                                                                                                                                                                                                                                                                                                                                                                2.
 3
      2.68607171E-08-4.74791709E-12-1.41634531E+04 3.87234408E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                                 7/13/ 7 THERMC
                                                                                                                                9h 17o
                                                                                                                                                                                   4
                                                                                                                                                                                                       0G
                                                                                                                                                                                                                                         300.000 5000.000 1384.000
                                                                                                                                                                                                                                                                                                                                                                                            71
FpchaDaE
      4.02607980E+01 3.89797029E-02-1.37785563E-05 2.18709866E-09-1.28874164E-13
                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.61416686E + 04 - 1.84384590E + 02 - 5.90662120E + 00 1.44061492E - 01 - 1.03978834E - 04
                                                                                                                                                                                                                                                                                                                                                                                                3
      3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
pche5qD
                                                   7/13/ 7 THERMC 9h 160
                                                                                                                                                                                                        0G
                                                                                                                                                                                                                                 300.000 5000.000 1395.000
                                                                                                                                                                                  2.
                                                                                                                                                                                                                                                                                                                                                                                            51
      3.26596273E+01 3.73246113E-02-1.29061108E-05 2.01869501E-09-1.17739030E-13
                                                                                                                                                                                                                                                                                                                                                                                                2.
 -3.90306748E + 04 - 1.47190599E + 02 - 6.56527338E + 00 \quad 1.34578014E - 01 - 1.06738453E - 04 - 1.06738455E - 04 - 1.06738455E - 04 - 1.06738455E - 04 - 1.0673845E - 04 - 1.067385E - 04 - 1.067
                                                                                                                                                                                                                                                                                                                                                                                                3
      4.37824770E-08-7.30529917E-12-2.59774672E+04 6.14674431E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                                                                                                                                                                                                                                                                                                                                                                            31
pche5ojD
                                               7/13/ 7 THERMC 9h 15o
                                                                                                                                                                                  1
                                                                                                                                                                                                        OG 300.000 5000.000 1396.000
      2.93077194E+01 3.46892206E-02-1.17380444E-05 1.81049230E-09-1.04602534E-13
                                                                                                                                                                                                                                                                                                                                                                                                2
 -1.92242786E + 04 - 1.31026383E + 02 - 7.60799163E + 00 \quad 1.25959207E - 01 - 9.84540325E - 05 \quad 1.25959207E - 01 - 9.84540325E - 00 \quad 1.25959207E - 00 \quad 1.25959207
                                                                                                                                                                                                                                                                                                                                                                                                3
     3.93699818E-08-6.34120085E-12-7.03438806E+03 6.52383346E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
 c9e1aAoF
                                                     7/13/ 7 THERMC 9h 160
                                                                                                                                                                                   3
                                                                                                                                                                                                         OG 300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                            91
     3.48734283E+01 3.49456745E-02-1.18133503E-05 1.82174082E-09-1.05262689E-13
                                                                                                                                                                                                                                                                                                                                                                                                2.
 -5.17910932E + 04 - 1.44603808E + 02 \quad 8.31428536E - 01 \quad 1.18399572E - 01 - 9.16404791E - 05 \quad 1.18399572E - 01 - 9.16404791E - 00 - 9.1640479E - 00 - 9.164047E - 00 - 9.164047E - 00 - 9.164047E - 00 
                                                                                                                                                                                                                                                                                                                                                                                                3
    3.72181827E-08-6.20763065E-12-4.03325093E+04 3.68841765E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
 c9elojAoF 7/13/ 7 THERMc 9h 150
                                                                                                                                                                                 2
                                                                                                                                                                                                         OG 300.000 5000.000 1386.000
                                                                                                                                                                                                                                                                                                                                                                                            71
     2.99533125E+01 3.51455927E-02-1.19257254E-05 1.84261192E-09-1.06576721E-13
                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.36012813E + 04 - 1.20833565E + 02 - 1.03923265E - 01 \\ 1.07178401E - 01 - 7.92413847E - 05 \\ 1.07178401E - 01 - 7.92413847E - 01 - 7.92413847E - 01 - 7.92413847E - 05 \\ 1.07178401E - 01 - 7.92413847E - 01 - 7.9241847E - 0
                                                                                                                                                                                                                                                                                                                                                                                                3
     3.10674500E-08-5.05981481E-12-3.32814059E+04 4.00574820E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
                                                     7/16/ 7 THERMC
                                                                                                                               5h
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                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                         300.000 5000.000 1391.000
                                                                                                                                                                                                                                                                                                                                                                                            51
     1.65690913E+01 2.32614988E-02-7.57531346E-06 1.13792873E-09-6.45235272E-14
                                                                                                                                                                                                                                                                                                                                                                                                 2
 -3.08952176E + 04 - 5.39588740E + 01 1.52775897E + 00 5.87927263E - 02 - 3.98078955E - 05
                                                                                                                                                                                                                                                                                                                                                                                                3
    1.45147311E-08-2.20650943E-12-2.57189283E+04 2.66700312E+01
c5oBqjDohE 7/16/ 7 THERMC
                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                         300.000 5000.000 1399.000
                                                                                                                                      5h
                                                                                                                                                         90
                                                                                                                                                                                     4
     1.89404408E+01 2.66592302E-02-8.88244542E-06 1.35385578E-09-7.75114754E-14
 -5.19291025E+04-5.91562749E+01 3.22053566E+00 6.96614690E-02-5.62646727E-05
                                                                                                                                                                                                                                                                                                                                                                                                 3
     2.56754087E-08-4.85456405E-12-4.69444774E+04 2.32955107E+01
                                                      7/16/ 7 THERMC
                                                                                                                                       4h
                                                                                                                                                               60
                                                                                                                                                                                         2
                                                                                                                                                                                                                0G
                                                                                                                                                                                                                                         300.000 5000.000 1381.000
                                                                                                                                                                                                                                                                                                                                                                                            31
    1.41847931E+01 1.58666283E-02-5.54706785E-06 8.73965632E-10-5.12294486E-14
                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.43829277E+04-4.40018462E+01 1.06454198E+00 4.29869925E-02-2.58376501E-05
                                                                                                                                                                                                                                                                                                                                                                                                3
    7.29674821E-09-7.52799155E-13-3.94471371E+04 2.77596350E+01
                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                      7/16/ 7 THERMC
                                                                                                                                       4h
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                                                                                                                                                                                   2.
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                                                                                                                                                                                                                                         300.000 5000.000 1379.000
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    1.37937369E+01 1.36951506E-02-4.80801085E-06 7.59657451E-10-4.46166451E-14
                                                                                                                                                                                                                                                                                                                                                                                                2.
 -2.54311056E+04-4.02399249E+01 1.79745445E+00 3.83263421E-02-2.29286079E-05
                                                                                                                                                                                                                                                                                                                                                                                                3
     6.28300451E-09-5.96423531E-13-2.09115656E+04 2.54163817E+01
                                                                                                                                                                                                                                                                                                                                                                                                4
Fc9e1qDqF 7/19/ 7 THERMc 9h 17o 4
                                                                                                                                                                                                              OG 300.000 5000.000 1389.000
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3.93066172E+01 3.72617684E-02-1.29909171E-05 2.04292388E-09-1.19591316E-13
                                                                                                                                                                                                                                          2
-3.43930874E + 04 - 1.63543706E + 02 3.66961973E + 00 1.22914218E - 01 - 9.36998096E - 05
                                                                                                                                                                                                                                          3
   3.75389305E-08-6.22976067E-12-2.21368448E+04 2.72013516E+01
                                                                                                                                                                                                                                          4
Iic9e1qDqI 7/19/ 7 THERMc
                                                                                                                                              300.000 5000.000 1387.000
                                                                                  9h 17o
                                                                                                              4
                                                                                                                              0G
                                                                                                                                                                                                                                       71
   3.86452301E+01 3.78777807E-02-1.32153249E-05 2.07918475E-09-1.21752244E-13
                                                                                                                                                                                                                                          2
-3.43501785E+04-1.60750136E+02 4.33470939E+00 1.18639054E-01-8.76753941E-05
                                                                                                                                                                                                                                          3
   3.42042469E-08-5.57436808E-12-2.23430496E+04 2.35612216E+01
                                                                                                                                                                                                                                          4
                                                                                                                                              300.000 5000.000 1388.000
                                7/19/ 7 THERMC
                                                                                  9h 16o
c9eloFqD
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                                                                                                                              0G
                                                                                                                                                                                                                                       91
   3.38025462E+01 \quad 3.75519034E-02-1.30576593E-05 \quad 2.04964384E-09-1.19825800E-13
                                                                                                                                                                                                                                          2
-5.44635558E + 04 - 1.39424045E + 02 \quad 1.69541833E + 00 \quad 1.15007098E - 01 - 8.72681789E - 05 \quad 1.15007098E - 01 - 1.15007098
                                                                                                                                                                                                                                          3
   3.56170775E-08-6.09884268E-12-4.33485179E+04 3.24956429E+01
                                                                                                                                                                                                                                          4
c9eloFojD 7/19/ 7 THERMC
                                                                                  9h 15o
                                                                                                             2
                                                                                                                               0G
                                                                                                                                              300.000 5000.000 1389.000
                                                                                                                                                                                                                                       71
   2.99400700E+01 3.57429973E-02-1.22485190E-05 1.90416085E-09-1.10581822E-13
                                                                                                                                                                                                                                          2
-3.44613876E + 04 - 1.20409488E + 02 \quad 3.68299040E - 01 \quad 1.07860632E - 01 - 8.16599044E - 05 \quad 1.07860632E - 01 - 1.0786062E - 
                                                                                                                                                                                                                                          3
   3.32024663E-08-5.63337310E-12-2.43661547E+04 3.75502391E+01
                                                                                                                                                                                                                                          4
EtDc7eloIqD 7/19/7 THERMc
                                                                                  9h 16o
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                                                                                                                                              300.000 5000.000 1389.000
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   3.45739084E+01 3.68002856E-02-1.27778518E-05 2.00389534E-09-1.17080296E-13
                                                                                                                                                                                                                                          2
-5.31375016E + 04 - 1.45232388E + 02 \quad 1.25717948E + 00 \quad 1.17508860E - 01 - 8.98151318E - 05 \quad 1.25717948E + 00 \quad 1.25717948
                                                                                                                                                                                                                                          3
   3.64418415E-08-6.14729816E-12-4.17127876E+04 3.29183408E+01
                                                                                                                                                                                                                                          4
                                                                                  9h 15o
EtDc7eloIojD 7/1/7 THERMc
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                                                                                                                               0G
                                                                                                                                              300.000 5000.000 1380.000
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   3.35362302E+01 3.16748943E-02-1.11912395E-05 1.77568440E-09-1.04596654E-13
                                                                                                                                                                                                                                          2
-3.45613109E+04-1.42787502E+02 9.18995116E-01 1.04970369E-01-7.41718934E-05
                                                                                                                                                                                                                                          3
   2.66052196E-08-3.92189363E-12-2.28604387E+04 3.35620885E+01
                                                                                                                                                                                                                                          4
c7e1oD
                                7/19/ 7 THERMC
                                                                                  7h 12o
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   2.13576742E+01 2.89864818E-02-1.00006872E-05 1.56159030E-09-9.09606004E-14
                                                                                                                                                                                                                                          2
-3.14291434E+04-8.08930525E+01-5.83425149E-01 7.98139128E-02-5.61558359E-05
                                                                                                                                                                                                                                          3
   2.12378369E-08-3.40568477E-12-2.36374363E+04 3.73132064E+01
                                                                                                                                                                                                                                          4
Cc7e1oD
                                7/19/ 7 THERMC
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   2.12373912E+01 2.71435824E-02-9.31303801E-06 1.44904679E-09-8.42032683E-14
                                                                                                                                                                                                                                          2
3
   2.58647982E-08-4.28958687E-12-1.11694189E+04 4.57360510E+01
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Ipche4e6
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   0.24396803E+02 0.30425759E-01-0.92260943E-05 0.13596061E-08-0.79460994E-13
                                                                                                                                                                                                                                          2
   3
   0.17751322E-07 0.40511640E-12 0.13209457E+05 0.40769238E+02
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Dpche5e7
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   0.24735264E+02 0.31616587E-01-0.99174531E-05 0.14945446E-08-0.88554333E-13
                                                                                                                                                                                                                                          2.
   3
   0.25360805E-07-0.32240172E-11 0.14044949E+05 0.27688162E+02
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Ipche5e7
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                                                                      С
   0.25061918E + 02 \quad 0.31648066E - 01 - 0.99986109E - 05 \quad 0.15151846E - 08 - 0.90158519E - 13 \\ 0.25061918E + 02 \quad 0.31648066E - 01 - 0.99986109E - 05 \quad 0.15151846E - 08 - 0.90158519E - 13 \\ 0.25061918E + 02 \quad 0.31648066E - 01 - 0.99986109E - 05 \quad 0.15151846E - 08 - 0.90158519E - 13 \\ 0.25061918E + 02 \quad 0.31648066E - 01 - 0.99986109E - 05 \quad 0.15151846E - 08 - 0.90158519E - 13 \\ 0.25061918E + 0.250618E + 0.25
                                                                                                                                                                                                                                          2.
   3
   0.13792546E-07 0.87141221E-12 0.14016921E+05 0.26086020E+02
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Ic9oAoD
                                                                       С
-0.34219105E+01 \quad 0.85654996E-01-0.34218647E-04 \quad 0.61159553E-08-0.40805683E-12
                                                                                                                                                                                                                                          2
3
  0.46507580E - 07 - 0.74281510E - 11 - 0.31113051E + 05 \quad 0.39675732E + 02
                                                                                                                                                                                                                                          4
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Gc7oAoD
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                                                                                  7h 11o
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-0.67507248E+01 \quad 0.72766133E-01-0.29756586E-04 \quad 0.54063305E-08-0.36491483E-12
3
  0.43223967E-07-0.76733403E-11-0.25333414E+05 0.34029198E+02
TC90B0D
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                                                                       C
-0.66911751E+00 0.81091098E-01-0.31927986E-04 0.56499592E-08-0.37439583E-12
                                                                                                                                                                                                                                          2
-0.32633469E+05 0.54467354E+02-0.27891896E+01 0.11870793E+00-0.99619894E-04
                                                                                                                                                                                                                                          3
  0.44527663E-07-0.71321980E-11-0.35125707E+05 0.54071640E+02
                                                                                                                                                                                                                                          4
                                                                                   7h 11o
                                                                                                                                              300.00
Gc7oBoD
                                                                                                                2.0
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                                                                       C
2.
-0.25958951E+05 \quad 0.67555244E+02-0.21043057E+01 \quad 0.93258418E-01-0.81577346E-04
                                                                                                                                                                                                                                          3
   0.37874379E-07-0.61793079E-11-0.29366990E+05 0.47590630E+02
                                                                                                                                                                                                                                          4
                                                                                  5h
Ac50BoD
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                                                                                                                                              300.00
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                                                                      C
    \texttt{0.52552395E+01} \ \ \texttt{0.35142239E-01-0.12971523E-04} \ \ \texttt{0.21929714E-08-0.14070102E-12} 
                                                                                                                                                                                                                                          2
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-0.25597727E+05 0.93235626E+01-0.15006392E+01 0.64638674E-01-0.54633532E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.26063045E-07-0.51115466E-11-0.24676078E+05 0.40612110E+02
                                                                                                                                                        7h 11o
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MeDc6oBoGrF
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      2.
 3
      0.40476394E-07-0.76303157E-11-0.24608504E+05 0.46268761E+02
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                                                                                                                                 c 5h 7o 20 0G
Bc5oAoD
                                                                                                                                                                                                                                                                    300.00
                                                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                              1
      0.21475275E+01 \quad 0.39643638E-01-0.15086660E-04 \quad 0.26071898E-08-0.16993884E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -0.22176418E + 05 \quad 0.27034439E + 02 \quad 0.13923366E + 01 \quad 0.61738592E - 01 - 0.59951450E - 04 \quad 0.61738592E - 01 - 0.59951450E - 0.61738592E - 0.6173859
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.33266325E-07-0.73288042E-11-0.23746783E+05 0.24158556E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                                               c 9h 16o 30 0G 300.00 5000.00 1000.00
MeEc8eloIqG
                                                                                                                                                                                                                                                                                                                                                                                                                                              1
      0.10624512E + 02 \quad 0.70339017E - 01 - 0.27066615E - 04 \quad 0.47140674E - 08 - 0.30894842E - 12 - 0.27066615E - 04 \quad 0.47140674E - 0.27066615E - 0.27066655E - 0.2706665E - 0.2706665E
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -0.40735754E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ 0.11905866E + 00 - 0.80887177E - 04 \\ -0.40735754E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ -0.40735754E + 05 - 0.66816635E + 01 \\ -0.40735754E + 01 \\ -0.4075754E + 01 \\ -0.4075754E
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.19484652E-07 0.18109936E-11-0.39415336E+05 0.47958569E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
MeEc8eloIojG
                                                                                                                                 c 9h 15o 20 0G
                                                                                                                                                                                                                                                                     300.00 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                              1
      0.10645637E+02 0.62892258E-01-0.23012659E-04 0.38662722E-08-0.24695461E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
  -0.21937502E+05-0.11960205E+02-0.38790863E+01 0.11835233E+00-0.86497530E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.27360651E - 07 - 0.12417647E - 11 - 0.19655824E + 05 0.57072632E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
MeEc6eloGrF
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      0.11211577E+02 0.39292660E-01-0.13451619E-04 0.21576012E-08-0.13350787E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
      0.12972988E+04-0.21454918E+02-0.28799806E+01 0.89679681E-01-0.75999225E-04
      0.34428432E-07-0.61704747E-11 0.41842329E+04 0.47525200E+02
Fc9e1qEqH
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      0.19603094E+02 0.60525026E-01-0.20864842E-04 0.33630025E-08-0.20879233E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -0.22249006E+05-0.48605118E+02 0.34226526E-01 0.14154822E+00-0.13045815E-03
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.63482219E-07-0.12204111E-10-0.19291371E+05 0.43304386E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                                                 c 9h 16o
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 c9e1e5qH
      0.49730011E+02 0.66818832E-02-0.75411339E-06 0.52498863E-10-0.18986328E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -0.33353949E + 05 - 0.23162810E + 03 \quad 0.24675305E + 01 \quad 0.95055267E - 01 - 0.48116555E - 04 \\ -0.33353949E + 05 - 0.23162810E + 03 \quad 0.24675305E + 01 \quad 0.95055267E - 01 - 0.48116555E - 04 \\ -0.33353949E + 05 - 0.23162810E + 03 \quad 0.24675305E + 01 \quad 0.95055267E - 01 - 0.48116555E - 04 \\ -0.33353949E + 0.5 - 0.23162810E + 0.5 - 0.24675305E + 0.5 - 0.24675305E + 0.5 - 0.24675305E \\ -0.33353949E + 0.5 - 0.23162810E + 0.5 - 0.24675305E + 0.5 - 0.24675305E + 0.5 - 0.24675305E \\ -0.33353949E + 0.5 - 0.24675305E + 0.5 - 0.24675305E + 0.5 - 0.24675305E \\ -0.33353949E + 0.5 - 0.24675305E + 0.5 - 0.24675305E + 0.5 - 0.24675305E \\ -0.33353949E + 0.5 - 0.24675305E + 0.5 - 0.24675305E \\ -0.33353949E + 0.5 - 0.24675305E + 0.24675305E \\ -0.33353949E + 0.24675305E + 0.24675305E + 0.24675305E \\ -0.333539495 + 0.24675305E + 0.24675305E + 0.24675305E \\ -0.333539495 + 0.2467555E + 0.2467555E + 0.2467555E + 0.2467555E + 0.246755E + 0.24675E 
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.61867982E-08 0.11519075E-12-0.16047672E+05 0.28083353E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                                                 c 9h 15o 10
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c9e1e5oiH
      0.46428944{\text{E}} + 02 \ 0.56057828{\text{E}} - 02 - 0.48775627{\text{E}} - 06 \ 0.19084630{\text{E}} - 10 \ 0.65465264{\text{E}} - 16
                                                                                                                                                                                                                                                                                                                                                                                                                                              2.
 -0.13349422E + 05 - 0.21869493E + 03 - 0.11395183E + 00 \\ 0.93794331E - 01 - 0.52088853E - 04 \\ -0.13349422E + 05 - 0.21869493E + 03 - 0.11395183E + 00 \\ -0.93794331E - 01 - 0.52088853E - 04 \\ -0.93794331E - 0.0088853E - 0.0088855E - 0.0088855E - 0.0088855E - 0.0088855E - 0.0088855E - 0.008885E - 0.008885
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.12071801E-07-0.20983057E-11 0.37060601E+04 0.36931030E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                                                                                                 c 7h 12o
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 c7e1e6qC
      0.23832413E + 02 \quad 0.26911819E - 01 - 0.82537435E - 05 \quad 0.12271701E - 08 - 0.72209403E - 13 \\ 0.23832413E + 02 \quad 0.26911819E - 01 - 0.82537435E - 05 \\ 0.12271701E - 08 - 0.72209403E - 13 \\ 0.23832413E + 02 \quad 0.26911819E - 01 - 0.82537435E - 05 \\ 0.12271701E - 08 - 0.72209403E - 13 \\ 0.23832413E + 0.23832413E - 0.03832413E - 0.038324142E - 0.03832442E - 0.0383242E - 0.038422E - 0.038422E - 0.038242E - 0.038242E - 0.038242E - 0.038242E - 0.038242E - 0.03
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -0.14542016E + 05 - 0.88739311E + 02 \quad 0.12030940E + 01 \quad 0.82989290E - 01 - 0.53777581E - 04 \quad 0.82989290E - 01 - 0.88739311E + 02 \quad 0.88739311E + 0.88739411E + 0.88739311E + 0.8873941E + 0.8873941E + 
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.13148393E-07 0.75633090E-13-0.77866938E+04 0.30252232E+02
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      0.21610992E + 02 \quad 0.23690023E - 01 - 0.66839266E - 05 \quad 0.93551533E - 09 - 0.52796851E - 13 \\
                                                                                                                                                                                                                                                                                                                                                                                                                                              2.
      0.50822031E + 04 - 0.81694992E + 02 - 0.13429130E + 01 \quad 0.81478909E - 01 - 0.57142788E - 04 \quad 0.81478909E - 01 - 0.81478909E - 0.81478909E - 0.81478909E - 0.8147899E - 0.81478909E - 0.81478900E - 0.8147890E - 0.81478900E - 0.81478
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.18419158E-07-0.19173966E-11 0.11963295E+05 0.38943787E+02
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                                                                                                                                                    7h 11o
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      2
      0.14980201E + 05 - 0.66057579E + 02 \quad 0.14180945E + 00 \quad 0.67169607E - 01 - 0.40498791E - 04 \quad 0.67169607E - 0.07169607E -
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      0.10709145E-07-0.73491560E-12 0.20672588E+05 0.29845211E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                              4
                                                           2/12/ 8 THERMC
                                                                                                                                                   9h 16o
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                                                                                                                                                                                                                                         OG 300.000 5000.000 1389.000
      3.39312274E+01 3.73574775E-02-1.29722436E-05 2.03444078E-09-1.18866229E-13
 -5.20246429E+04-1.40078657E+02 1.17186763E+00 1.15525209E-01-8.62272980E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      3.41637904E-08-5.64903299E-12-4.06704009E+04 3.55163078E+01
c9e5oAojH 2/12/ 8 THERMC
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      3.00463394E+01 3.55992989E-02-1.21876557E-05 1.89352726E-09-1.09918187E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                              2
 -3.20175670E + 04 - 1.20944051E + 02 - 4.69762718E - 03 1.07764218E - 01 - 7.97751951E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                              3
      3.12787248E-08-5.09016175E-12-2.17121812E+04 3.98627947E+01
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 -0.41797227E+05-0.17818491E+03-0.30924931E+01 0.13450304E+00-0.86858352E-04
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      0.20391131E-07 0.21988515E-12-0.28254873E+05 0.51110172E+02
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                                                            1/15/ 8 THERMC
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      3.16928192E+01 3.87840240E-02-1.34545363E-05 2.10880639E-09-1.23162528E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -3.80430168E + 04 - 1.41199994E + 02 - 7.28054551E + 00 \\ 1.36269038E - 01 - 1.09253323E - 04
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4.58623629E-08-7.87796099E-12-2.50711164E+04 6.59635284E+01
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pche4ojB
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      2.79361118E+01 3.69223384E-02-1.27274048E-05 1.98640912E-09-1.15674142E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                            2.
 -1.81400180E + 04 - 1.22870669E + 02 - 6.99939283E + 00 \quad 1.21762971E - 01 - 9.26330006E - 05 - 1.21762971E - 01 - 1.21762971
                                                                                                                                                                                                                                                                                                                                                                                                                                            3
      3.66640093E-08-5.94079378E-12-6.32572772E+03 6.36166789E+01
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 mche1qC
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      2.53331534E+01 2.99734103E-02-1.03692110E-05 1.62222150E-09-9.46225203E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 3
      3.89379999E-08-6.79391543E-12-1.75700857E+04 5.49615104E+01
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mchelojC
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      2.45420040E+01 2.49872247E-02-8.45800924E-06 1.30605215E-09-7.55542407E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -9.22280484E + 03 - 1.09760808E + 02 - 7.22418992E + 00 \quad 1.00641994E - 01 - 7.58771457E - 05 \quad 1.00641994E - 01 - 1.0064194E - 01 - 1.0064194E - 01 - 1.0064194E - 01 - 1.006419E - 01 - 1.006419E - 01 
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      2.79266282E-08-3.99432800E-12 1.42305256E+03 5.99294438E+01
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MeBc4e1oErD 1/15/8 THERMc
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      1.62312706E+01 1.62714743E-02-5.50356632E-06 8.48128316E-10-4.89551010E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
      1.14806866E+03-5.60826821E+01 3.53153539E-02 5.92133858E-02-5.01282532E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      2.21958555E-08-3.96297171E-12 6.26379345E+03 2.90909868E+01
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      9.29160820E+00 8.07924045E-03-2.75109481E-06 4.25776615E-10-2.46466074E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
      1.44568311E+04-2.21829770E+01 1.91420657E+00 2.78515042E-02-2.37358293E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      1.07362312E-08-1.96784269E-12 1.67904470E+04 1.65800863E+01
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pche5qB
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      3.17222692E+01 3.87734455E-02-1.34543894E-05 2.10917309E-09-1.23200436E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -3.74326664E+04-1.42120984E+02-8.27706804E+00 1.39580834E-01-1.13271717E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      4.79995609E-08-8.29788266E-12-2.42052763E+04 7.02105270E+01
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pche5oiB
      2.78749104E+01 3.70042021E-02-1.27623688E-05 1.99257651E-09-1.16062271E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -1.74951660E + 04 - 1.23268616E + 02 - 7.51333064E + 00 1.22847685E - 01 - 9.33937153E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      3.68374971E-08-5.93823644E-12-5.52988360E+03 6.56498297E+01
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Amche3
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      0.18326731E+02 0.28940262E-01-0.94693796E-05 0.14729096E-08-0.89324551E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
      0.11835180E + 05 - 0.74708748E + 02 - 0.61164074E + 01 \quad 0.97569168E - 01 - 0.82628940E - 04 \\ 0.97569168E - 0.82628940E - 0.826289400E - 0.82628940E - 0.82628940E - 0.826289400E - 0.82628
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      0.38202284E-07-0.78466799E-11 0.18719514E+05 0.51785557E+02
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      0.19525995E+02 0.23139553E-01-0.65430295E-05 0.91795954E-09-0.51928730E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
       \texttt{0.20222973E+05-0.72812378E+02-0.23135931E+01} \ \ \texttt{0.85766248E-01-0.74221323E-04} 
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.34793583E-07-0.70349846E-11 0.26236350E+05 0.39716499E+02
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Fc9e1qAqH
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      0.17743099E + 02 \quad 0.64668112E - 01 - 0.22968847E - 04 \quad 0.37808427E - 08 - 0.23818450E - 128818450E - 128818480E - 128818680E - 1288
                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -0.19223285E + 05 - 0.39493149E + 02 \quad 0.36867777E + 00 \quad 0.14007956E + 00 - 0.12579394E - 03 - 0.14007956E + 00 - 0.12579394E - 0.14007956E + 0.14007956E
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      0.58838534E - 07 - 0.10535910E - 10 - 0.16984434E + 05 \quad 0.40748074E + 02
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 c7e1e6qA
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      0.36426746E + 02 \quad 0.89827841E - 02 - 0.15359751E - 05 \quad 0.14367971E - 09 - 0.59472000E - 14367971E - 0.5947200E - 14367970E - 14367970E - 1436790E - 143670E - 143670E - 143670E - 143670E - 143670E - 143670E - 1436
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.18237289E + 05 - 0.16155661E + 03 \quad 0.25760574E + 01 \quad 0.75209372E - 01 - 0.39016038E - 04 \quad 0.75209372E - 0.7520972E - 0.7
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.40703449E-08 0.11660333E-11-0.62226016E+04 0.23187206E+02
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 Bc7e6oA
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      0.11272528E+02 0.39708938E-01-0.13723542E-04 0.22174214E-08-0.13798385E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.26071543E + 04 - 0.22951317E + 02 - 0.41950773E - 01 \\ 0.82410209E - 01 - 0.69851601E - 04 \\ -0.26071543E + 04 - 0.22951317E + 02 - 0.41950773E - 01 \\ -0.26071543E + 04 - 0.22951317E + 02 - 0.41950773E - 01 \\ -0.26071543E + 04 - 0.22951317E + 02 - 0.41950773E - 01 \\ -0.26071543E + 04 - 0.22951317E + 02 - 0.41950773E - 01 \\ -0.26071543E + 02 - 0.41950773E - 01 \\ -0.260715444 + 02 - 0.41950773E - 01 \\ -0.26071544 + 02 - 0.41950773E - 01 \\ -0.2607154 + 02 - 0.41950774E - 01 \\ -0.2607154 + 02 - 0.41950774E - 01 \\ -0.2607154 + 02 - 0.41950774E - 0.41950774E - 0.41950774E - 0.4195074E - 0.4195074E
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      0.33513132E-07-0.67059192E-11-0.44429749E+03 0.31779177E+02
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 -0.29690025E+01 0.85228965E-01-0.34070101E-04 0.60934835E-08-0.40682223E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.27279732E+05 0.67826859E+02-0.16027951E+01 0.12157620E+00-0.10736411E-03
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.48585633E-07-0.74046724E-11-0.31611686E+05 0.46274616E+02
Gc7oCoD
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                                                                                                                                  C
 -0.65698953E+01 0.72809331E-01-0.29847195E-04 0.54327312E-08-0.36720548E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.20458996E+05 0.83062393E+02-0.11219490E+01 0.97519375E-01-0.92599708E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                             3
      0.45125855E-07-0.75516078E-11-0.25830859E+05 0.40660583E+02
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Ac50BoC
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      0.27173121E+01 0.39598074E-01-0.15201675E-04 0.26419953E-08-0.17282623E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -0.20137664E + 05 \quad 0.24050213E + 02 - 0.80820575E - 01 \quad 0.65871015E - 01 - 0.58394176E - 04 - 0.065871015E - 01 - 0.065871015E - 01 - 0.066871015E 
                                                                                                                                                                                                                                                                                                                                                                                                                                            3
      0.26078968E-07-0.39273311E-11-0.21186844E+05 0.31828636E+02
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MeDc6oCoGrF 1/16/8 THERMc 7h 11o 2
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      2.33081886E+01 2.71908496E-02-9.44580419E-06 1.48180021E-09-8.65940105E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -3.36171206E + 04 - 8.62333068E + 01 \quad 1.05864410E + 00 \quad 7.76450570E - 02 - 5.36371806E - 05 \quad 1.05864410E + 00 \quad 1.05864410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     1.94192229E-08-2.94502957E-12-2.56448662E+04 3.39576409E+01
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      0.10624512E + 02 \quad 0.70339017E - 01 - 0.27066615E - 04 \quad 0.47140674E - 08 - 0.30894842E - 12 - 0.27066615E - 04 \quad 0.47140674E - 08 - 0.30894842E - 12 - 0.27066615E - 0.27066655E - 0.2706665E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.40464016E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ 0.11905866E + 00 - 0.80887177E - 04 \\ -0.40464016E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ -0.40464016E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ -0.40464016E + 05 - 0.66816635E + 01 - 0.12321774E + 01 \\ -0.40464016E + 0.00046E +
      0.19484652E-07 \quad 0.18109936E-11-0.39143594E+05 \quad 0.47958569E+02
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MeEc8eloIojF
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      2
 -0.21665713E + 05 - 0.11961693E + 02 - 0.39092231E + 01 \\ 0.11855703E + 00 - 0.86979904E - 04 \\ -0.21665713E + 05 - 0.11961693E + 02 - 0.39092231E + 01 \\ -0.21665703E + 00 - 0.86979904E - 04 \\ -0.2166703E + 00 - 0.86979904E - 04 \\ -0.2166703E + 00 - 0.86979904E - 04 \\ -0.2166703E + 0.00079904E - 0.000799904E - 0.000799904E - 0.000799904E - 0.000799904E - 0.000799904E - 0.00079904E - 0.00079904E
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      0.27834156E - 07 - 0.14069622E - 11 - 0.19380795E + 05 \quad 0.57199276E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                         c 6h 9o 10 0G 300.00
                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
Bc6e5oA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
       2
       0.17608750E+04-0.16850357E+02 0.98664396E-01 0.71078040E-01-0.64176245E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.33530611E-07-0.74144284E-11 0.35136250E+04 0.29380007E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 chxe1qC
                                                               1/16/ 8 THERMC 6h 10o 2 0G
                                                                                                                                                                                                                                                                                    300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   21
       2.26977624E+01 2.45875541E-02-8.61222159E-06 1.35866876E-09-7.97157873E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 3
       3.23466289E-08-5.46902537E-12-1.42743036E+04 5.43342688E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 chxelojC
                                                      1/16/ 8 THERMC 6h 9o 1
                                                                                                                                                                                                                                        0G
                                                                                                                                                                                                                                                                                    300.000 5000.000 1395.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01
       2.01595926E+01 2.12763022E-02-7.21846644E-06 1.11631559E-09-6.46434681E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
  -4.37846874E+03-8.66630027E+01-7.40791643E+00 8.85998174E-02-6.95760663E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
       2.71090091E-08-4.17387106E-12 4.73212318E+03 6.00716879E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
 chchhco
                                                               4/ 8/94 thermc 3h 3o 1
                                                                                                                                                                                                                                          0G
                                                                                                                                                                                                                                                                           300.000 5000.000 1402.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11
       1.07482537e+01 6.19822688e-03-2.06130981e-06 3.14418872e-10-1.80309517e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
       1.51410162e+04-3.01266033e+01 1.46654466e+00 3.23390476e-02-3.05588208e-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      1.44081861e-08-2.65600505e-12 1.78850058e+04 1.80850321e+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                         c 9h 16o 30 0G 300.00
                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
 c9e5oAaG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
      0.13245047E + 02 \quad 0.65950409E - 01 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 04 \quad 0.42780308E - 08 - 0.27779767E - 12 - 0.24893441E - 0.248934441E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 -0.42082863E + 05 - 0.20701035E + 02 \quad 0.14317242E + 01 \quad 0.11213510E + 00 - 0.75634613E - 04 \\ -0.42082863E + 05 - 0.20701035E + 02 \quad 0.14317242E + 01 \quad 0.11213510E + 00 - 0.75634613E - 04 \\ -0.42082863E + 05 - 0.20701035E + 02 \quad 0.14317242E + 01 \quad 0.11213510E + 00 - 0.75634613E - 04 \\ -0.42082863E + 0.00701035E + 0.007
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.19362556E-07 0.95281346E-12-0.40465418E+05 0.34752575E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
 c9e5oAojG
                                                                                                                                         c 9h 15o 20
                                                                                                                                                                                                                                              0G 300.00
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      2
 -0.23123902\mathtt{E} + 05 - 0.23614983\mathtt{E} + 02 - 0.10316404\mathtt{E} + 01 \quad 0.11015072\mathtt{E} + 00 - 0.78153811\mathtt{E} - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      {\tt 0.24123185E-07-0.98448463E-12-0.20725512E+05\ 0.43088203E+02}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                         c 7h 10o
                                                                                                                                                                                                                   20
                                                                                                                                                                                                                                               0G 300.00
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      0.79212089E + 01 \quad 0.51403597E - 01 - 0.21269812E - 04 \quad 0.38969539E - 08 - 0.26462743E - 12 - 0.26462743E - 0.26462743E - 0.26462743E - 0.26462743E - 0.26462743E - 0.26462745E - 0.26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
 3
       \hbox{\tt 0.77032105E-08 \ 0.21629167E-12-0.32703648E+05 \ 0.33480259E+02 } 
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                                                                                                                                         c 7h 9o
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      0.92518444E+01 \quad 0.44949587E-01-0.17258169E-04 \quad 0.30008649E-08-0.19643355E-12
 -0.17514369E + 05 - 0.10789070E + 02 \quad 0.22769399E + 01 \quad 0.54375257E - 01 - 0.76344777E - 05 \quad 0.54375257E - 01 - 0.76344777E - 0.54375257E - 0.0007E - 0.000
 -0.17194985E-07 0.78766655E-11-0.15025854E+05 0.27868025E+02
                                                                                                                                         c 7h 9o
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                                                                                                                                                                                                                                                                                                                                       5000.00 1000.00
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      0.10697187E + 02 \quad 0.42007811E - 01 - 0.15720369E - 04 \quad 0.26847400E - 08 - 0.17354244E - 12 - 0.16847400E - 0.06847400E - 0.0684740E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -0.17611848E + 05 - 0.16154190E + 02 \quad 0.14615675E + 01 \quad 0.67035832E - 01 - 0.40661253E - 04 \quad 0.6703582E - 01 - 0.40661253E - 04 \quad 0.6703582E - 01 - 0.40661253E - 04 \quad 0.6703582E - 01 - 0.40661253E - 0.40661255E - 0.40661255E - 0.40661255E - 0.40661255E - 0.4066125E - 0.4066
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.13823443E-07-0.21927167E-11-0.14957450E+05 0.31877527E+02
                                                               1/16/ 8 THERMC 7h 10o
                                                                                                                                                                                                                    2
                                                                                                                                                                                                                                                     OG 300.000 5000.000 1392.000
      2.44442321E+01 2.39598993E-02-8.29981084E-06 1.29964900E-09-7.58559167E-14
 -4.06350266E+04-9.55839017E+01 2.29657489E+00 7.62341368E-02-5.59630975E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      2.13175441E-08-3.34010259E-12-3.29750251E+04 2.32101504E+01
 c7eloAoyG 1/16/ 8 THERMC
                                                                                                                                                               7h
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                                                                                                                                                                                                                                                       0G
                                                                                                                                                                                                                                                                                    300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   51
       2.41004654E+01 2.17359725E-02-7.53977946E-06 1.18175384E-09-6.90211887E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -2.16838019E+04-9.20570436E+01 2.93706093E+00 7.22939844E-02-5.42772055E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      2.10902205E-08-3.35839615E-12-1.44345858E+04 2.12264515E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                               1/16/ 8 THERMC
                                                                                                                                                                6h
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      2.
 -1.52198233E+03-7.06889980E+01 8.31951475E-01 6.74092582E-02-5.30715722E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
       2.19470424E-08-3.70558312E-12 4.61640211E+03 2.82752092E+01
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                                                        1/16/ 8 THERMC 4h 50 1 0G 300.000 5000.000 1401.000
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Dc4eloA
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1.30057441E+01 1.17139055E-02-4.00441930E-06 6.21427581E-10-3.60414205E-14
                                                                                                                                                                                      2
  6.69063694E+03-3.87926445E+01 1.20066989E+00 4.32107101E-02-3.70527394E-05
                                                                                                                                                                                      3
  1.66075970E-08-2.99891911E-12 1.04129656E+04 2.32413576E+01
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                                                                9h 17o
Fc9e1qEqG
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                                                                                                 0G
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                                                                                                                                   5000.00 1390.00
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                                                       C
  3.93591724E+01 3.72547769E-02-1.29983284E-05 2.04522446E-09-1.19775397E-13
                                                                                                                                                                                      2
-3.22207464E+04-1.65186518E+02 1.17688962E+00 1.29317935E-01-9.94445621E-05
                                                                                                                                                                                      3
  3.96614671E-08-6.49158264E-12-1.91907134E+04 3.89567173E+01
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                         1/16/ 8 THERMC
                                                                9h 16o
                                                                                                              300.000 5000.000 1393.000
                                                                                     2
                                                                                                  0G
                                                                                                                                                                                    81
  3.22973771E+01 \quad 3.64981554E-02-1.26480703E-05 \quad 1.98091959E-09-1.15630793E-13
                                                                                                                                                                                      2
3
  4.06562671E-08-7.00634374E-12-1.45267429E+04 4.90566057E+01
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c9ele6ojE 1/16/ 8 THERMc
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  3.01744206E+01 3.19582542E-02-1.06519762E-05 1.62710897E-09-9.33981284E-14
                                                                                                                                                                                      2
-6.70848020E + 03 - 1.25666039E + 02 - 5.31269092E + 00 \quad 1.22745732E - 01 - 1.00452453E - 04 - 1.00452455E - 04 - 1.00452455E - 04 - 1.00452455E - 04 - 1.0045245E - 04 - 1.004525E - 04 -
                                                                                                                                                                                      3
  4.22430891E-08-7.13522523E-12 4.70620331E+03 6.19255656E+01
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c9e1e5qG
                         1/16/ 8 THERMC
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  3.22973771E+01 3.64981554E-02-1.26480703E-05 1.98091959E-09-1.15630793E-13
                                                                                                                                                                                      2
-2.61257083E+04-1.35047130E+02-2.29560045E+00 1.22589471E-01-9.71270118E-05
                                                                                                                                                                                      3
  4.06562671E-08-7.00634374E-12-1.45267429E+04 4.90566057E+01
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c9e1e5ojG 1/16/ 8 THERMC
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  3.01744206E+01 3.19582542E-02-1.06519762E-05 1.62710897E-09-9.33981284E-14
                                                                                                                                                                                      2
-6.70848020E + 03 - 1.25666039E + 02 - 5.31269092E + 00 \quad 1.22745732E - 01 - 1.00452453E - 04 - 1.004524545E - 04 - 1.004524545E - 04 - 1.00452455E - 04 - 1.00452455E - 04 - 1.00452455E - 04 - 1.0045245E - 04 - 1.004525E - 04 - 1.0045245E - 04 - 1.004525E - 0
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  4.22430891E-08-7.13522523E-12 4.70620331E+03 6.19255656E+01
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c7e2e6oA
  2.18249371E+01 2.36901737E-02-8.12629263E-06 1.26430870E-09-7.34680476E-14
                                                                                                                                                                                      2
-1.67778123E+04-8.53783476E+01-1.66689122E+00 8.27435116E-02-6.62115780E-05
                                                                                                                                                                                      3
  2.77087352E-08-4.73149021E-12-9.01966907E+03 3.93364483E+01
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c7e2e6oyA 1/16/ 8 THERMC
                                                                7h
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                                                                                                   0G
                                                                                                              300.000 5000.000 1397.000
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                                                                                     1
  2.07421594E+01 2.22208518E-02-7.55827032E-06 1.16907897E-09-6.76513259E-14
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3
  2.89415528E-08-5.19353119E-12 6.35690923E+03 3.27789562E+01
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                         1/16/ 8 THERMC
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c5e2oA
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  2.02753363E-08-3.44167365E-12-1.86594122E+04 3.32866831E+01
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                         1/16/ 8 THERMC
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c5e2oyA
  2.
-8.15030015E+03-5.34878644E+01 3.60400137E-01 5.69117096E-02-4.73557282E-05
                                                                                                                                                                                      3
  2.09633273E-08-3.77847993E-12-3.28996514E+03 2.64736227E+01
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EtDc7e1qEqHrI
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                                                       С
  4.04867395E+01 3.63434010E-02-1.26944543E-05 1.99890627E-09-1.17124167E-13
                                                                                                                                                                                      2
-3.23495502E+04-1.72646693E+02-2.59249496E-01 1.38892928E-01-1.14041457E-04
                                                                                                                                                                                      3
  4.85025339E-08-8.38900511E-12-1.88693791E+04 4.36862785E+01
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EtDc7e1e8qE 1/16/8 THERMC
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  3.27728258E+01 3.60455169E-02-1.24816098E-05 1.95390016E-09-1.14016865E-13
                                                                                                                                                                                      2
3
  4.07924229E-08-6.96116141E-12-1.46562485E+04 4.85563597E+01
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                                  1/8 THERMC
EtDc7e1e8ojE
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                                                                                                   0G
                                                                                                              300.000 5000.000 1399.000
                                                                                                                                                                                    61
  2.84563813E+01 3.47363565E-02-1.18676173E-05 1.84104981E-09-1.06754567E-13
                                                                                                                                                                                      2
3
  3.64907107E-08-6.15735341E-12 4.19070624E+03 4.96555771E+01
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MeCc6oAoDrG 1/17/8 THERMC
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                                                                                                                                                                                    61
  2.40212581E+01 2.56513193E-02-8.72734059E-06 1.35159469E-09-7.83262333E-14
                                                                                                                                                                                      2
-3.35305002E + 04 - 8.98656415E + 01 2.033333997E + 00 7.52543534E - 02 - 5.14830553E - 05
                                                                                                                                                                                      3
  1.82349334E-08-2.67287992E-12-2.56749199E+04 2.89254994E+01
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                         1/17/ 8 THERMC
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pche3aF
                                                                                                   0G
  3.16928192E+01 3.87840240E-02-1.34545363E-05 2.10880639E-09-1.23162528E-13
                                                                                                                                                                                      2
-3.80430168E + 04 - 1.41199994E + 02 - 7.28054551E + 00 \quad 1.36269038E - 01 - 1.09253323E - 04 - 1.0925332E - 04 - 1.092532E - 04 - 1.09252E - 04 - 1.00252E - 04 - 1.0
                                                                                                                                                                                      3
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  4.58623629E-08-7.87796099E-12-2.50711164E+04 6.59635284E+01
                         1/17/ 8 THERMC
                                                                9h 15o
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pche3ojF
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                                                                                                              300.000 5000.000 1398.000
                                                                                                                                                                                    2.1
  2.77237073E+01 3.69732856E-02-1.26249968E-05 1.95813144E-09-1.13536534E-13
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-1.79709845E+04-1.21493464E+02-7.44385148E+00 1.23771570E-01-9.56203960E-05
                                                                                                                                                                                           3
  3.84190412E-08-6.28958410E-12-6.25939853E+03 6.56681252E+01
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                                                                                                                 300.000 5000.000 1389.000
MeEc8e5oArI 1/17/8 THERMC
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  2.84813054E+01 3.46777535E-02-1.18438382E-05 1.83733318E-09-1.06549289E-13
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3
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  2.94338907E-08-4.75658433E-12-1.09820305E+04 3.83031587E+01
                                                                                                                 300.000 5000.000 1391.000
EtDc7e4oIrA 1/17/8 THERMc
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                                                                                               0G
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  2.76012379E+01 3.54718492E-02-1.22170463E-05 1.90554124E-09-1.10911559E-13
                                                                                                                                                                                           2
-1.35918592E + 04 - 1.08711239E + 02 - 7.44186139E - 01 \\ 1.01064341E - 01 - 7.09400715E - 05 \\ -0.01064341E - 01 - 1.01064341E - 01 - 1.01064341E - 01 \\ -0.01064341E - 01 - 0.01064341E - 01 \\ -0.01064341E - 0.01064341E - 0.0106441E - 0.010644
                                                                                                                                                                                           3
  2.62268737E-08-4.04564524E-12-3.60269285E+03 4.38815724E+01
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MeEc7e6e8oA 1/17/8 THERMc 8h 12o 1 0G
                                                                                                                 300.000 5000.000 1395.000
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  2.44949689E+01 2.87021582E-02-9.77238946E-06 1.51245725E-09-8.75555906E-14
                                                                                                                                                                                           2
-1.94607624E + 04 - 9.82670225E + 01 - 4.42829945E - 01 \\ 9.36704803E - 02 - 7.69176506E - 05 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 04 - 9.82670225E + 01 \\ -05 - 1.94607624E + 01 \\ -05 - 1.9
                                                                                                                                                                                           3
  3.38182556E-08-6.08886764E-12-1.13724420E+04 3.34494048E+01
                                                                                                                                                                                           4
                               1/8 THERMC 8h 11o 1 0G
MeEc7e6e8oyA
                                                                                                                 300.000 5000.000 1395.000
                                                                                                                                                                                         41
  2.40783634E+01 2.65703091E-02-9.05065311E-06 1.40120820E-09-8.11345268E-14
                                                                                                                                                                                           2
-4.98388630E+02-9.43590509E+01 3.25269611E-01 8.88988885E-02-7.39087543E-05
                                                                                                                                                                                           3
  3.27793232E-08-5.93322309E-12 7.15673732E+03 3.09345326E+01
                                                                                                                                                                                           4
MeCc6e3oArG 1/17/8 THERMC
                                                                 7h 11o
                                                                                       1
                                                                                                  0G
                                                                                                                 300.000 5000.000 1392.000
                                                                                                                                                                                         41
  2.19554931E+01 2.63183839E-02-9.07280301E-06 1.41602356E-09-8.24568392E-14
                                                                                                                                                                                           2
 -1.22224522E+04-8.43443297E+01-1.10681348E+00 8.21333661E-02-6.19507746E-05
                                                                                                                                                                                           3
  2.47278389E-08-4.09096199E-12-4.34509019E+03 3.89309487E+01
                                                                                                                                                                                           4
MeCc6ele7rF 1/17/8 THERMC
                                                                 7h 11
                                                                                         Ω
                                                                                                    0G
                                                                                                                 300.000 5000.000 1398.000
                                                                                                                                                                                         31
  2.02689513E+01 2.46221115E-02-8.26918986E-06 1.26812740E-09-7.29455631E-14
                                                                                                                                                                                           2
  1.91639726E+04-7.80136968E+01-1.06428263E+00 8.01487063E-02-6.50180786E-05
                                                                                                                                                                                           3
  2.80621255E-08-4.94007626E-12 2.60231188E+04 3.45725976E+01
                                                                                                                                                                                           4
MeCc5e4e5oA 1/17/8 THERMC
                                                              6h
                                                                          80
                                                                                       1
                                                                                                  0G
                                                                                                                 300.000 5000.000 1398.000
                                                                                                                                                                                         21
  1.81942746E+01 \ 1.99612345E-02-6.83078135E-06 \ 1.06071080E-09-6.15442760E-14
                                                                                                                                                                                           2
-1.08245587E + 04 - 6.75897779E + 01 - 1.38555648E + 00 7.32073546E - 02 - 6.41713293E - 05
                                                                                                                                                                                           3
  2.95894578E-08-5.49120710E-12-4.70510641E+03 3.50204969E+01
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                                1/8 THERMC
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                                                                                                             300.000 5000.000 1399.000
MeCc5e4e5oyA
                                                              6h
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  1.77858221E+01 1.78153062E-02-6.10272660E-06 9.48332706E-10-5.50519870E-14
                                                                                                                                                                                           2.
  8.13494031E + 03 - 6.37270224E + 01 - 6.20616524E - 01 \quad 6.84413122E - 02 - 6.11564692E - 05 \quad 6.84413122E - 02 - 6.11564692E - 02 - 6.11566692E - 02 - 6.11566692E
                                                                                                                                                                                           3
  2.85374968E-08-5.33101587E-12 1.38247392E+04 3.25218133E+01
                                                                                                                                                                                           4
MeEc8e8oAqF 1/17/8 THERMc 9h 16o
                                                                                                  OG 300.000 5000.000 1390.000
                                                                                      3
                                                                                                                                                                                         91
  3.47245108E+01 3.67320708E-02-1.27672841E-05 2.00357561E-09-1.17114830E-13
                                                                                                                                                                                           2
-5.19973848E+04-1.45173857E+02 9.39345386E-01 1.19627826E-01-9.32182574E-05
                                                                                                                                                                                           3
  3.86197571E-08-6.63667579E-12-4.05035258E+04 3.51313006E+01
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MeEc8e8oAojF
                                1/8 THERMC
                                                              9h 15o
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                                                                                                    OG 300.000 5000.000 1392.000
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  3.07671912E+01 \ \ 3.51053935E-02-1.20424085E-05 \ \ 1.87338928E-09-1.08845582E-13
                                                                                                                                                                                           2.
-3.19689497E+04-1.25647450E+02-2.41429746E-01 1.11909516E-01-8.69140855E-05
                                                                                                                                                                                           3
  3.58969652E-08-6.12713355E-12-2.15449384E+04 3.94942872E+01
                                                                                                                                                                                           4
                          1/17/ 8 THERMC
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  1.85000430E+01 2.08999584E-02-7.06042588E-06 1.08801012E-09-6.28265148E-14
                                                                                                                                                                                           2
  5.22643676E+03-6.53251563E+01 2.81575416E+00 5.46750559E-02-3.40958341E-05
                                                                                                                                                                                           3
  1.06653771E-08-1.33340585E-12 1.09819461E+04 1.99652168E+01
                                                                                                                                                                                           4
MeBc6e7oAoF 1/17/8 THERMC
                                                                 7h 10o
                                                                                                     0G
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  2.45794773E+01 2.30215530E-02-7.72122928E-06 1.18439509E-09-6.81844958E-14
3
  2.65222464E-08-4.43633645E-12-3.42099579E+04 2.72566546E+01
                                   1/8 THERMC
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                                                                                                                 300.000 5000.000 1389.000
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MeBc6e7oAovF
  2.40665318E+01 2.10320311E-02-7.05979855E-06 1.08356240E-09-6.24055503E-14
                                                                                                                                                                                           2
-2.29436367E+04-9.27932623E+01 1.93227053E+00 7.67037132E-02-6.14626617E-05
                                                                                                                                                                                           3
  2.55479816E-08-4.30540996E-12-1.56850451E+04 2.46250327E+01
                                  1/8 THERMC
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MeBc6e7ovAoF
  2.39771699E+01 2.09644190E-02-7.00475233E-06 1.07166272E-09-6.15786073E-14
                                                                                                                                                                                           2
-2.57893396E+04-9.32285909E+01 2.38586912E+00 7.66593439E-02-6.31809935E-05
                                                                                                                                                                                           3
  2.72133789E-08-4.74772021E-12-1.88258420E+04 2.08531637E+01
                                                                                                                                                                                           4
MeBc5e6oArE 1/17/8 THERMC
                                                                  6h
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  1.96270298E+01 2.03550575E-02-6.86167715E-06 1.05525842E-09-6.08312945E-14
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2.50444557E-08-4.33600609E-12 3.39754889E+03 3.24216523E+01
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                                 1/17/ 8 THERMC
                                                                                           4h
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   1.40604280E + 01 1.13307608E - 02 - 3.89312811E - 06 6.06342361E - 10 - 3.52591270E - 14
                                                                                                                                                                                                                                                                                  2.
-1.76348924E + 03 - 4.91626736E + 01 - 3.44717462E - 01 5.14324499E - 02 - 4.76723331E - 05
                                                                                                                                                                                                                                                                                  3
    2.24907603E-08-4.19507269E-12 2.60413901E+03 2.59308713E+01
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                                                                                                                                                                       300.000 5000.000 1390.000
EtDc7eloIqE 1/17/8 THERMc
                                                                                                9h 16o
                                                                                                                                                   0G
                                                                                                                              3
                                                                                                                                                                                                                                                                               91
    3.44241874E+01 \quad 3.69151919E-02-1.28146179E-05 \quad 2.00932290E-09-1.17383344E-13
                                                                                                                                                                                                                                                                                  2
3
    3.59026719E-08-5.98932427E-12-4.04114907E+04 3.50874331E+01
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                                                                                           9h 15o
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EtDc7e1oIojE
                                               1/8 THERMC
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    3.06008321E+01 3.50457079E-02-1.19796257E-05 1.85937247E-09-1.07864324E-13
                                                                                                                                                                                                                                                                                  2
3
    3.31495991E-08-5.44729386E-12-2.14409185E+04 3.97850447E+01
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                                                                                                7h 10o
MeCc6e5oAoG 1/17/8 THERMc
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    2.33974327E+01 2.41774000E-02-8.23711338E-06 1.27635462E-09-7.39786834E-14
                                                                                                                                                                                                                                                                                   2
 -3.87242515E+04-8.96416345E+01 1.00777248E+00 7.60288769E-02-5.39818439E-05
                                                                                                                                                                                                                                                                                   3
   1.96158942E-08-2.90026317E-12-3.09251340E+04 3.07317722E+01
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MeCc6e5oyAoG
                                               1/8 THERMC
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   2.30578700E+01 2.19212808E-02-7.46183212E-06 1.15581050E-09-6.69837381E-14
                                                                                                                                                                                                                                                                                   2
-1.97918240E+04-8.61649724E+01 1.77773086E+00 7.12199790E-02-5.08519851E-05
                                                                                                                                                                                                                                                                                   3
   1.84537717E-08-2.70913334E-12-1.23956928E+04 2.82130739E+01
                                                                                                                                                                                                                                                                                   4
MeCc6e5oAoyG
                                               1/8 THERMC
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    2.30578700E+01 2.19212808E-02-7.46183212E-06 1.15581050E-09-6.69837381E-14
                                                                                                                                                                                                                                                                                  2
-1.97918240E+04-8.61649724E+01 1.77773086E+00 7.12199790E-02-5.08519851E-05
                                                                                                                                                                                                                                                                                   3
   1.84537717E-08-2.70913334E-12-1.23956928E+04 2.82130739E+01
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MeBc5e4oArF 1/17/8 THERMC
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   1.84111923E+01 2.16872149E-02-7.47510203E-06 1.16655366E-09-6.79257940E-14
                                                                                                                                                                                                                                                                                  2
   1.68610749E + 02 - 6.52077437E + 01 - 1.45768238E - 02 6.43967262E - 02 - 4.54498481E - 05
                                                                                                                                                                                                                                                                                  3
   1.66229776E-08-2.50079113E-12 6.61616799E+03 3.38937104E+01
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                                      7/ 2/ 7 THERMC
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Cc6e5oA
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   1.87533632E + 01 \quad 2.11438984E - 02 - 7.15428106E - 06 \quad 1.10383345E - 09 - 6.38003382E - 14 \quad 1.0383345E - 10 \quad 1.038345E - 10 \quad 1.0383
                                                                                                                                                                                                                                                                                  2
-6.85142738E + 03 - 7.01438364E + 01 \quad 7.30435734E - 01 \quad 6.14568820E - 02 - 4.11029744E - 05 \quad 6.14568820E - 02 - 4.11029744E - 01 \quad 6.14568820E - 02 - 4.11029744E - 05 \quad 6.14568820E - 02 - 4.11029744E - 01 \quad 6.14568820E - 02 - 4.11029744E - 02 \quad 6.14568820E - 02 - 4.11029844E - 02 \quad 6.14568820E - 02 \quad 6.14568820
                                                                                                                                                                                                                                                                                  3
                                                                                                                                                                                                                                                                                   4
   1.39464686E-08-1.91355310E-12-4.18597373E+02 2.72797378E+01
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                                      1/18/ 8 THERMC
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Dc7oAoC
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3
   2.41794886E-08-3.92568436E-12-2.74200538E+04 3.33088350E+01
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c3h7chco
                                      1/18/ 8 THERMC
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   1.66400286E+01 \ 1.82656471E-02-6.23686766E-06 \ 9.67103618E-10-5.60585369E-14
                                                                                                                                                                                                                                                                                  2.
-2.24862541E + 04 - 5.93438604E + 01 - 6.48749093E - 02 \\ 6.10454983E - 02 - 4.91956332E - 05 \\ -05 - 4.9195632E - 05 \\ -05 - 4.9195632E - 05 \\ -05 - 4.919562E - 05 \\ -05 - 4.91962E - 05 \\ -05 - 4.9196
                                                                                                                                                                                                                                                                                  3
   2.09104480E-08-3.62555606E-12-1.70447576E+04 2.90646928E+01
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EtDc7e9oAqC 1/18/8 THERMc
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    3.44355711E+01 3.69019720E-02-1.28091208E-05 2.00835516E-09-1.17322173E-13
                                                                                                                                                                                                                                                                                   2
-5.17700184E + 04 - 1.43986645E + 02 5.41821199E - 01 1.19658664E - 01 - 9.24185004E - 05
                                                                                                                                                                                                                                                                                   3
   3.78212231E-08-6.41400472E-12-4.02258880E+04 3.69957517E+01
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                                                   1/8 THERMC
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EtDc7e9oAojC
    3.03087537E+01 3.55777464E-02-1.22219983E-05 1.90302222E-09-1.10631586E-13
                                                                                                                                                                                                                                                                                   2
-3.16888133E + 04 - 1.23527800E + 02 - 7.11268626E - 02 \\ 1.09521265E - 01 - 8.27352151E - 05 \\ -05 - 1.09521265E - 01 - 1.09
                                                                                                                                                                                                                                                                                   3
   3.31902972E-08-5.51990433E-12-2.13553422E+04 3.87106474E+01
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                                      1/18/ 8 THERMC
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c9e5oAqC
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    3.39312274E+01 3.73574775E-02-1.29722436E-05 2.03444078E-09-1.18866229E-13
                                                                                                                                                                                                                                                                                   2
-5.20246429E+04-1.40078657E+02 1.17186763E+00 1.15525209E-01-8.62272980E-05
                                                                                                                                                                                                                                                                                   3
    3.41637904E-08-5.64903299E-12-4.06704009E+04 3.55163078E+01
c9e5oAojC 1/18/ 8 THERMC
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    3.00463394E+01 3.55992989E-02-1.21876557E-05 1.89352726E-09-1.09918187E-13
                                                                                                                                                                                                                                                                                  2
-3.20175670E + 04 - 1.20944051E + 02 - 4.69762718E - 03 1.07764218E - 01 - 7.97751951E - 05
                                                                                                                                                                                                                                                                                  3
   3.12787248E-08-5.09016175E-12-2.17121812E+04 3.98627947E+01
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MeCc6eloG 1/18/ 8 THERMC
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    2.18619802E+01 2.84078258E-02-9.76869657E-06 1.52207654E-09-8.85285151E-14
                                                                                                                                                                                                                                                                                  2.
-2.88909430E + 04 - 8.48257214E + 01 - 5.05639186E - 03 \\ \ 7.69868435E - 02 - 5.04951548E - 05 \\ \ 1.05639186E - 1.05639186E - 1.05639186E - 1.05639186E - 1.05639186E - 1.05639186E \\ \ 1.05639186E - 1.05639186
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    1.68972221E-08-2.30215819E-12-2.10185781E+04 3.35482225E+01
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MeCc6eloyG 1/18/ 8 THERMC
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   2.14454572E+01 2.62774161E-02-9.04782940E-06 1.41100489E-09-8.21195567E-14
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3
   1.57923406E-08-2.13240959E-12-2.49201823E+03 3.09543127E+01
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                                     1/18/ 8 THERMC
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c7e3oyA
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    2.10831418E+01 2.66019968E-02-9.16380795E-06 1.42954892E-09-8.32178458E-14
                                                                                                                                                                                                                                                                                2
-9.77927659E + 03 - 7.76921829E + 01 - 1.52317695E - 01 \quad 7.47318523E - 02 - 5.08894888E - 05 \quad 7.47318523E - 02 - 5.0889488E - 05 \quad 7.47318524E - 02 - 5.0889488E - 05 \quad 7.47318524E - 02 - 5.0889488E - 05 \quad 7.47318524E - 02 - 5.0889488E - 05 \quad 7.4731852E - 02 - 5.0889488E - 05 \quad 7.4731852E - 02 - 5.088948E - 02 - 5.0889
                                                                                                                                                                                                                                                                                3
   1.79844952E-08-2.63003828E-12-2.21165634E+03 3.69554199E+01
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                                     1/22/ 8 THERMC
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AmchqBqD
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    3.46494460E+01 2.93154055E-02-1.04458153E-05 1.66690197E-09-9.85830072E-14
                                                                                                                                                                                                                                                                                2
3
   3.66290048E-08-5.56798607E-12-2.27959171E+04 6.00772583E+01
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                                     1/22/ 8 THERMC
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mche1qD
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    2.55860139E+01 2.94860536E-02-1.02358822E-05 1.60512292E-09-9.37800074E-14
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 -2.84544861E+04-1.12003044E+02-5.48018824E+00 1.07034255E-01-8.59044429E-05
                                                                                                                                                                                                                                                                                3
    3.57773769E-08-6.06892843E-12-1.81393926E+04 5.31176204E+01
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mche1ojD
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    2.16222812E+01 2.78465945E-02-9.50326912E-06 1.47343441E-09-8.54129354E-14
                                                                                                                                                                                                                                                                                2
-8.41369543E+03-9.24157313E+01-6.47927687E+00 9.85674371E-02-7.85185257E-05
                                                                                                                                                                                                                                                                                3
    3.23806082E-08-5.40800171E-12 7.89997118E+02 5.66261734E+01
                                                                                                                                                                                                                                                                                4
MeEc6e5oArG 1/22/8 THERMC
                                                                                               7h 11o
                                                                                                                              1
                                                                                                                                                  0G
                                                                                                                                                                     300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                             41
   2.25131482E+01 2.53154662E-02-8.61658001E-06 1.33385251E-09-7.72450673E-14
                                                                                                                                                                                                                                                                                2.
 -1.14157456E+04-8.79059779E+01 5.73289419E-01 7.83180939E-02-5.86062870E-05
                                                                                                                                                                                                                                                                                3
    2.32338403E-08-3.81747502E-12-3.92812323E+03 2.93785514E+01
                                                                                                                                                                                                                                                                                4
MeCc6e7oArF 1/22/8 THERMC
                                                                                          7h 11o
                                                                                                                                              0G
                                                                                                                                                                     300.000 5000.000 1391.000
                                                                                                                                                                                                                                                                             51
                                                                                                                              1
    2.15552436E+01 2.62400808E-02-9.04687582E-06 1.41206219E-09-8.22287835E-14
                                                                                                                                                                                                                                                                                2
-4.04863895E+03-7.99301388E+01 1.36191966E-01 7.62178268E-02-5.43014084E-05
                                                                                                                                                                                                                                                                                3
    2.04116971E-08-3.20048289E-12 3.45957934E+03 3.52314020E+01
                                                                                                                                                                                                                                                                                4
MeCc4e3oArE 1/22/8 THERMC
                                                                                           5h
                                                                                                            70
                                                                                                                                                 0G
                                                                                                                                                               300.000 5000.000 1373.000
                                                                                                                                                                                                                                                                             21
                                                                                                                              1
   2.
-4.09107709E + 03 - 7.51475312E + 01 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.09107709E + 03 - 7.51475312E + 01 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.09107709E + 03 - 7.51475312E + 01 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195582E - 01 \quad 5.45055546E - 02 - 3.90699102E - 05 \quad 4.63195646E - 02 - 3.90699102E - 05 \quad 4.63196646E - 02 - 3.90699102E - 02 \quad 4.6319666E - 02 - 3.90699102E - 02 \quad 4.6319666E - 02 - 3.90666E - 02 - 3.9066E - 02 - 3.
                                                                                                                                                                                                                                                                                3
   1.30893214E-08-1.65179576E-12 2.59079415E+03 2.69516352E+01
                                                                                                                                                                                                                                                                                4
                                     1/22/ 8 THERMC
                                                                                          9h 16o
                                                                                                                                                  0G
                                                                                                                                                               300.000 5000.000 1388.000
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                                                                                                                              3
c9eloFqD
    3.38025462E+01 \quad 3.75519034E-02-1.30576593E-05 \quad 2.04964384E-09-1.19825800E-13
                                                                                                                                                                                                                                                                                2
-5.44635558\mathtt{E} + 04 - 1.39424045\mathtt{E} + 02 \ 1.69541833\mathtt{E} + 00 \ 1.15007098\mathtt{E} - 01 - 8.72681789\mathtt{E} - 05 - 1.09541833\mathtt{E} + 00 \ 1.15007098\mathtt{E} - 01 - 1.09541833\mathtt{E} + 00 \ 1.09541833\mathtt{E} + 00
                                                                                                                                                                                                                                                                                3
    3.56170775E-08-6.09884268E-12-4.33485179E+04 3.24956429E+01
                                                                                                                                                                                                                                                                                4
                                                                                           9h 15o
                                                                                                                                                 OG 300.000 5000.000 1389.000
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c9eloFojD 1/22/ 8 THERMC
                                                                                                                               2
   2.99400700E+01 3.57429973E-02-1.22485190E-05 1.90416085E-09-1.10581822E-13
                                                                                                                                                                                                                                                                                2.
-3.44613876E + 04 - 1.20409488E + 02 \quad 3.68299040E - 01 \quad 1.07860632E - 01 - 8.16599044E - 05 \quad 1.07860632E - 01 - 1.0786062E - 
                                                                                                                                                                                                                                                                                3
   3.32024663E-08-5.63337310E-12-2.43661547E+04 3.75502391E+01
                                                                                                                                                                                                                                                                                4
                                     1/22/ 8 THERMC
                                                                                          9h 16o
                                                                                                                              2
                                                                                                                                                  OG 300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                             51
    3.21945289E+01 3.81278576E-02-1.32730771E-05 2.08530159E-09-1.21993499E-13
                                                                                                                                                                                                                                                                                2
-3.89632774E + 04 - 1.45276620E + 02 - 6.30362428E + 00 \quad 1.31283459E - 01 - 1.01037253E - 04 - 1.01037255E - 04 - 1.0103725E - 04 - 1.0100725E - 04 - 1.0100725E - 04 - 1.0100
                                                                                                                                                                                                                                                                                3
   4.03697791E-08-6.61511605E-12-2.58674404E+04 6.04223021E+01
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                                     1/22/ 8 THERMC
                                                                                             9h 15o
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    2.81835424E+01 3.66125216E-02-1.26006187E-05 1.96471338E-09-1.14339066E-13
                                                                                                                                                                                                                                                                                2
3
   3.72807861E - 08 - 6.03851475E - 12 - 6.92974874E + 03 6.41733074E + 01
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                                      1/22/ 8 THERMC
                                                                                               9h 15o
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    2.75603557E+01 3.51200650E-02-1.19339601E-05 1.84586514E-09-1.06851584E-13
                                                                                                                                                                                                                                                                                2
-2.43297128E+04-1.11604983E+02 4.08804598E-01 9.55441481E-02-6.31480365E-05
                                                                                                                                                                                                                                                                                3
   2.16795166E-08-3.09204114E-12-1.45263799E+04 3.54090343E+01
                                      1/22/ 8 THERMC
                                                                                               9h 15o
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                                                                                                                                                                     300.000 5000.000 1389.000
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    2.69796725E+01 3.60941888E-02-1.24520618E-05 1.94429910E-09-1.13250776E-13
                                                                                                                                                                                                                                                                                2
-1.56603282E + 04 - 1.04951279E + 02 - 7.15594414E - 01 1.00202922E - 01 - 7.04580714E - 05
                                                                                                                                                                                                                                                                                3
   2.65106160E-08-4.21627472E-12-5.83735660E+03 4.42438047E+01
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                                      1/22/ 8 THERMC
                                                                                                7h 11o
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    2.12133027E+01 2.66192541E-02-9.19647902E-06 1.43730577E-09-8.37730259E-14
                                                                                                                                                                                                                                                                                2.
-1.06370885E + 03 - 7.82218671E + 01 3.90026555E - 01 7.60627605E - 02 - 5.56462107E - 05
                                                                                                                                                                                                                                                                                3
    2.20224848E-08-3.68416204E-12 6.22306901E+03 3.35557913E+01
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                                     1/23/ 8 THERMC
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Ic9e3oA
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2.74032165E+01 3.56045987E-02-1.22554498E-05 1.91080229E-09-1.11189350E-13
                                                                                                                                                                                                                                                                                                                                          2
 -1.18686793E + 04 - 1.08001986E + 02 - 5.10895054E - 019.89415837E - 02 - 6.73224866E - 0596056E - 059606E - 0
                                                                                                                                                                                                                                                                                                                                          3
     2.38662409E-08-3.51161260E-12-1.91948810E+03 4.26919944E+01
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                                              1/23/ 8 THERMC
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Gc7e3oA
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     2.10678286E+01 2.66193759E-02-9.17059929E-06 1.43067828E-09-8.32859754E-14
                                                                                                                                                                                                                                                                                                                                          2
 -3.67286572E + 03 - 7.68313448E + 01 - 1.40401729E - 01 7.49051730E - 02 - 5.13606596E - 05
                                                                                                                                                                                                                                                                                                                                          3
    1.83619241E-08-2.72583052E-12 3.87013180E+03 3.76035229E+01
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                                                                                                                    9h 15o
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                                             1/23/ 8 THERMC
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 Ic9e4oA
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     2.76285486E+01 3.49255658E-02-1.19188653E-05 1.84803268E-09-1.07133722E-13
 -1.23933788E+04-1.08936941E+02 6.17447216E-01 9.61516233E-02-6.50151955E-05
                                                                                                                                                                                                                                                                                                                                          3
     2.29361898E-08-3.35854706E-12-2.76954105E+03 3.68896249E+01
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MeDc8e9oArH 1/23/8 THERMc 9h 15o
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     2.80030490E+01 3.47386613E-02-1.18805763E-05 1.84456305E-09-1.07026342E-13
                                                                                                                                                                                                                                                                                                                                          2
 -1.27296155E + 04 - 1.11412234E + 02 \quad 9.01648300E - 01 \quad 9.74749534E - 02 - 6.80845196E - 05 \quad 9.74749534E - 02 - 6.80845196E - 02 - 6.80845196
                                                                                                                                                                                                                                                                                                                                          3
     2.51531376E-08-3.88598764E-12-3.18200566E+03 3.44753191E+01
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MeDc6e7oArF 1/23/8 THERMc
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     2.17689222E+01 2.55765411E-02-8.71701839E-06 1.35049682E-09-7.82498022E-14
                                                                                                                                                                                                                                                                                                                                          2
 -4.56972147E + 03 - 8.07999448E + 01 \quad 1.31453082E + 00 \quad 7.31997238E - 02 - 5.16663724E - 05 \quad 1.31453082E + 00 \quad 1.31453082
                                                                                                                                                                                                                                                                                                                                          3
    1.92890450E-08-3.00698919E-12 2.60222605E+03 2.91992473E+01
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Dc5e4oA
                                             1/23/ 8 THERMC
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     1.52417047E+01 1.65961102E-02-5.60640353E-06 8.64059112E-10-4.99029144E-14
                                                                                                                                                                                                                                                                                                                                          2
     9.34652679E+03-4.92605623E+01 3.11275589E+00 4.21860917E-02-2.54886635E-05
                                                                                                                                                                                                                                                                                                                                          3
     7.61300970E-09-8.92609097E-13 1.38593978E+04 1.68993250E+01
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EtDc7e9oArG 1/24/8 THERMc
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     2.78871164E+01 3.48897522E-02-1.19434139E-05 1.85541677E-09-1.07698428E-13
                                                                                                                                                                                                                                                                                                                                          2
 -1.20556961E+04-1.11486098E+02 3.82669315E-01 9.86468468E-02-6.90522634E-05
                                                                                                                                                                                                                                                                                                                                          3
     2.54844674E-08-3.92135706E-12-2.38699829E+03 3.65190823E+01
                                                                                                                                                                                                                                                                                                                                          4
                                             1/25/ 8 THERMC
                                                                                                                    7h 11o
                                                                                                                                                                              0G
                                                                                                                                                                                                        300.000 5000.000 1384.000
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Gc7e4oA
                                                                                                                                                         1
     2.14668050E+01 2.56536183E-02-8.70917982E-06 1.34609159E-09-7.78768806E-14
                                                                                                                                                                                                                                                                                                                                          2
 -4.26415898E + 03 - 7.87347276E + 01 \quad 1.06457910E + 00 \quad 7.16997508E - 02 - 4.82810948E - 05 \quad 1.06457910E + 00 \quad 1.0647910E + 00 \quad 1.06457910E + 00 \quad 1.06457910E + 00 \quad 1.06457910E + 00 \quad 1.06457910E + 00 \quad 1.0647910E + 00 \quad 1.06
                                                                                                                                                                                                                                                                                                                                          3
    1.68416189E-08-2.42336894E-12 3.00996795E+03 3.14589622E+01
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                                             1/23/ 8 THERMC 5h
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Ec5e4oA
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    1.57433698E+01 1.61784999E-02-5.46428086E-06 8.42080578E-10-4.86316494E-14
                                                                                                                                                                                                                                                                                                                                          2
    1.02963886E + 04 - 5.22903256E + 01 \quad 2.26384712E + 00 \quad 4.71093521E - 02 - 3.27391557E - 05 \quad 4.71093521E - 02 - 3.2739157E - 02 \quad 4.71093521E - 02 \quad 4.710932E - 02 \quad 4.71092E - 02 \quad 4.710932E - 02 \quad 4.71092E - 02 \quad 4.7109
                                                                                                                                                                                                                                                                                                                                          3
                                                                                                                                                                                                                                                                                                                                          4
    1.19096892E-08-1.79939914E-12 1.50568678E+04 2.03429136E+01
MeDc6e5oArG 1/23/8 THERMc 7h 11o
                                                                                                                                                                             OG 300.000 5000.000 1389.000
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                                                                                                                                                         1
    2.16305509E+01 2.57601371E-02-8.79326865E-06 1.36361484E-09-7.90588687E-14
                                                                                                                                                                                                                                                                                                                                          2.
 -3.88575338E+03-8.07458501E+01 7.64130350E-01 7.45179565E-02-5.28670480E-05
                                                                                                                                                                                                                                                                                                                                          3
    1.97729965E-08-3.07707005E-12 3.40187013E+03 3.13874797E+01
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                                             1/23/ 8 THERMC 9h 150
Dc9e8oA
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                                                                                                                                                                                 OG 300.000 5000.000 1376.000
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    2.83354281E+01 \quad 3.33963756E-02-1.12125174E-05 \quad 1.72115972E-09-9.91347659E-14
                                                                                                                                                                                                                                                                                                                                          2.
 -1.26138674E + 04 - 1.12795370E + 02 \quad 1.68734650E + 00 \quad 8.94937303E - 02 - 5.34371686E - 05 \quad 1.08734650E + 00 \quad 1.08734650
                                                                                                                                                                                                                                                                                                                                          3
    1.47945147E-08-1.39753440E-12-2.81934395E+03 3.23825968E+01
                                                                                                                                                                                                                                                                                                                                          4
EtDc7e6oArI 1/23/8 THERMc 9h 15o
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                                                                                                                                                                                   0G
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     2.81880065E+01 3.43689381E-02-1.17103702E-05 1.81388974E-09-1.05084674E-13
                                                                                                                                                                                                                                                                                                                                          2
 -1.22904305E+04-1.13157023E+02 3.46513884E-01 9.85099773E-02-6.83736129E-05
                                                                                                                                                                                                                                                                                                                                          3
    2.47522225E-08-3.70466931E-12-2.50060406E+03 3.67417662E+01
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                                             1/23/ 8 THERMC
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    2.16461497E+01 2.50734822E-02-8.42756023E-06 1.29463237E-09-7.46068729E-14
 -4.30739533E+03-7.97028069E+01 2.26304812E+00 6.46648821E-02-3.65860801E-05
                                                                                                                                                                                                                                                                                                                                          3
    9.02287721E-09-6.08247739E-13 2.93698457E+03 2.63240264E+01
Gc7e1oE
                                             1/23/ 8 THERMC
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     2.16249765E+01 2.54055412E-02-8.60634797E-06 1.32882865E-09-7.68401496E-14
                                                                                                                                                                                                                                                                                                                                          2
 -6.82065235E+03-7.97027183E+01 1.54075074E+00 7.12233754E-02-4.90687345E-05
                                                                                                                                                                                                                                                                                                                                          3
    1.79360855E-08-2.76043941E-12 3.42540498E+02 2.86874923E+01
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                                             1/23/ 8 THERMC
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 Tc9e3oB
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     2.76173766E+01 3.57190583E-02-1.23600652E-05 1.93388004E-09-1.12805003E-13
                                                                                                                                                                                                                                                                                                                                          2
 -1.82297947E + 04 - 1.10234251E + 02 - 4.65524904E - 01 9.91833888E -02 - 6.75589227E - 05
                                                                                                                                                                                                                                                                                                                                          3
    2.40906759E-08-3.59170193E-12-8.15747962E+03 4.15245879E+01
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Gc7e3oB
                                             1/23/ 8 THERMC
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     2.13190845E+01 2.66909913E-02-9.25815025E-06 1.45087176E-09-8.47252979E-14
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-1.00457003E+04-7.92710828E+01-2.98009342E-01 7.61404797E-02-5.31184119E-05
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  1.95337240E-08-3.01470891E-12-2.33983283E+03 3.73560498E+01
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                                                                                                                      300.000 5000.000 1390.000
MeDc8e9oBrH 1/24/8 THERMc 9h 15o
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                                                                                          1
   2.75823304E+01 3.56391742E-02-1.23081841E-05 1.92324360E-09-1.12082838E-13
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3
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  2.56376586E-08-3.92808866E-12-5.94357202E+03 4.37158521E+01
                                                                     7h 11o 1 0G 300.000 5000.000 1390.000
MeDc6e7oBrF 1/24/8 THERMc
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   2.12581554E+01 2.66328317E-02-9.21358509E-06 1.44134938E-09-8.40665803E-14
                                                                                                                                                                                                   2
-7.80880527E + 03 - 7.79512622E + 01 - 4.07081933E - 01 \\ 7.67501480E - 02 - 5.42506990E - 05 \\ -05081933E - 01 \\ -05081935E - 01 \\ -050
                                                                                                                                                                                                   3
   2.02570537E-08-3.16818041E-12-1.51632128E+02 3.87206929E+01
                                                                                                                                                                                                   4
                           1/23/ 8 THERMc 5h 7o 1 0G
                                                                                                                 300.000 5000.000 1385.000
Dc5e4oB
                                                                                                                                                                                                 31
   1.45037888E+01 1.79639203E-02-6.22913661E-06 9.75993112E-10-5.69865712E-14
                                                                                                                                                                                                   2
   6.21008848E+03-4.51075397E+01 1.26960339E+00 4.63569889E-02-2.91949538E-05
                                                                                                                                                                                                   3
  9.38407324E-09-1.24591650E-12 1.11226148E+04 2.69714136E+01
                                                                                                                                                                                                    4
                           1/24/ 8 THERMC 9h 15o 1 OG
                                                                                                                      300.000 5000.000 1389.000
                                                                                                                                                                                                 71
   2.70702212E+01 3.60461782E-02-1.24428085E-05 1.94368953E-09-1.13251406E-13
                                                                                                                                                                                                   2
-1.56173152E+04-1.05822999E+02-9.48867004E-01 9.89841231E-02-6.65713594E-05
                                                                                                                                                                                                   3
   2.33055792E-08-3.39531527E-12-5.54575149E+03 4.56996355E+01
                                                                                                                                                                                                   4
EtDc7e9oBrG 1/24/8 THERMc 9h 15o
                                                                                           1
                                                                                                     0G
                                                                                                                       300.000 5000.000 1389.000
                                                                                                                                                                                                 71
   2.74207699E+01 3.55716688E-02-1.22398603E-05 1.90790813E-09-1.11001535E-13
                                                                                                                                                                                                   2
 -1.57629963E+04-1.08579686E+02 9.45284085E-02 9.80778340E-02-6.75370200E-05
                                                                                                                                                                                                   3
   2.45753090E-08-3.75225167E-12-6.03683935E+03 3.88243929E+01
                                                                                                                                                                                                    4
Gc7e4oB
                           1/24/ 8 THERMC 7h 11o
                                                                                           1
                                                                                                      0G
                                                                                                                       300.000 5000.000 1388.000
                                                                                                                                                                                                 51
   2.07390255E+01 2.70515980E-02-9.35350297E-06 1.46274662E-09-8.52954844E-14
                                                                                                                                                                                                   2
-7.42136205E+03-7.46721116E+01-5.84203026E-01 7.49890071E-02-5.06793226E-05
                                                                                                                                                                                                   3
  1.78437049E-08-2.61835626E-12 2.44307886E+02 4.06348097E+01
                                                                                                                                                                                                   4
                          1/23/ 8 THERMC 5h 7o
                                                                                           1
                                                                                                     0G
                                                                                                                       300.000 5000.000 1388.000
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Ec5e4oB
  1.50107659E+01 1.75254134E-02-6.07623002E-06 9.51963051E-10-5.55810889E-14
                                                                                                                                                                                                   2
  7.16252705E+03-4.81564844E+01 4.28426130E-01 5.12607427E-02-3.64206500E-05
                                                                                                                                                                                                   3
  1.36557347E-08-2.14448770E-12 1.23184732E+04 3.03758697E+01
                                                                                                                                                                                                   4
MeDc6e5oBrG 1/24/8 THERMc 7h 11o 1
                                                                                                    OG 300.000 5000.000 1388.000
                                                                                                                                                                                                 51
  2.
-7.56928396E + 03 - 7.74671933E + 01 4.59482249E - 01 7.40544670E - 02 - 5.15832183E - 05
                                                                                                                                                                                                   3
  1.90622263E-08-2.96162808E-12-2.46061674E+02 3.37640187E+01
                                                                                                                                                                                                   4
                         1/24/ 8 THERMC 9h 15o
                                                                                                    OG 300.000 5000.000 1374.000
                                                                                                                                                                                                 71
                                                                                          1
Dc9e8oB
  2.80186574E + 01 \quad 3.38388069E - 02 - 1.14026003E - 05 \quad 1.75466708E - 09 - 1.01239117E - 13 \quad 1.75466708E - 09 - 1.01239117E - 10 \quad 1.75466708E - 10 \quad 1.7546708E - 10 \quad 1.75466708E - 10 \quad 1.75466708E - 10 \quad 1.75466708E 
                                                                                                                                                                                                   2
-1.63749681E+04-1.10725173E+02 1.19864307E+00 8.97143000E-02-5.28747290E-05
                                                                                                                                                                                                   3
  1.43261224E-08-1.29891419E-12-6.43690160E+03 3.56338120E+01
                                                                                                                                                                                                   4
EtDc7e6oBrI 1/24/8 THERMc 9h 15o
                                                                                                      OG 300.000 5000.000 1388.000
                                                                                          1
                                                                                                                                                                                                 71
  2.76507513E+01 \quad 3.51612723E-02-1.20538353E-05 \quad 1.87448549E-09-1.08885624E-13
                                                                                                                                                                                                   2.
-1.59685705E+04-1.09851518E+02-1.45654782E-02 9.82872463E-02-6.74262977E-05
                                                                                                                                                                                                   3
  2.42299642E-08-3.62636701E-12-6.13979377E+03 3.93814106E+01
                                                                                                                                                                                                   4
                           1/24/ 8 THERMC 7h 11o
                                                                                          1
                                                                                                       OG 300.000 5000.000 1372.000
                                                                                                                                                                                                 51
  2.13122865E+01 2.54793398E-02-8.59416716E-06 1.32337702E-09-7.63904410E-14
                                                                                                                                                                                                   2
-8.04670949E+03-7.74976609E+01 1.78161805E+00 6.48884895E-02-3.61027750E-05
                                                                                                                                                                                                   3
  8.60477314E-09-5.17178369E-13-6.82273320E+02 2.95359832E+01
                                                                                                                                                                                                    4
MeDc8e7oBrI 1/24/8 THERMc
                                                                   9h 15o
                                                                                                         OG 300.000 5000.000 1388.000
                                                                                                                                                                                                 71
                                                                                         1
  2.76507513E+01 3.51612723E-02-1.20538353E-05 1.87448549E-09-1.08885624E-13
-1.59685705E+04-1.09851518E+02-1.45654782E-02 9.82872463E-02-6.74262977E-05
                                                                                                                                                                                                   3
  2.42299642E-08-3.62636701E-12-6.13979377E+03 3.93814106E+01
MeDc8e9oCrH 1/24/8 THERMC
                                                                     9h 15o
                                                                                           1
                                                                                                          0G
                                                                                                                       300.000 5000.000 1390.000
                                                                                                                                                                                                 71
  2.79936865E+01 3.52120429E-02-1.21424305E-05 1.89535545E-09-1.10374374E-13
                                                                                                                                                                                                   2
-1.78590802E + 04 - 1.12352624E + 02 1.55351515E - 01 1.01391194E - 01 - 7.40800939E - 05
                                                                                                                                                                                                   3
  2.90989537E-08-4.80895280E-12-8.16092770E+03 3.69930363E+01
MeCc6e7oDrA 1/24/8 THERMC
                                                                     7h 11o
                                                                                           1
                                                                                                          0G
                                                                                                                      300.000 5000.000 1390.000
                                                                                                                                                                                                 51
  2.16559748E+01 2.62261536E-02-9.05684802E-06 1.41507124E-09-8.24600061E-14
                                                                                                                                                                                                   2.
-9.66227361E+03-8.11676453E+01 5.38824472E-01 7.72954503E-02-5.80392416E-05
                                                                                                                                                                                                   3
  2.35504305E-08-4.01423566E-12-2.37315556E+03 3.18451627E+01
                                                                                                                                                                                                   4
                           1/23/ 8 THERMC
                                                                     5h 7o
                                                                                           1
                                                                                                         0G
                                                                                                                      300.000 5000.000 1382.000
                                                                                                                                                                                                 2.1
  1.49916769E+01 1.80169437E-02-6.25611084E-06 9.81044881E-10-5.73127293E-14
                                                                                                                                                                                                   2.
-4.86264792E + 02 - 4.92310361E + 01 \quad 3.23983415E + 00 \quad 4.28535315E - 02 - 2.64504470E - 05 \quad 4.285354470E - 00 \quad 4.28535470E - 00 \quad 4.2853547
                                                                                                                                                                                                   3
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8.67499058E-09-1.23911835E-12 3.97958374E+03 1.50188933E+01
                                                                                                                                                                                                                                                  4
                                 1/24/8 THERMC 8h 120 1 0G 300.000 5000.000 1393.000
                                                                                                                                                                                                                                               11
   2.28951289E+01 3.19941037E-02-1.10554273E-05 1.72822760E-09-1.00750729E-13
                                                                                                                                                                                                                                                 2.
-3.10194670E + 04 - 9.80687856E + 01 - 6.14245216E + 00 1.01684231E - 01 - 7.61542619E - 05
                                                                                                                                                                                                                                                 3
   2.98988477E-08-4.84564793E-12-2.10706432E+04 5.73070282E+01
                                                                                                                                                                                                                                                  4
                                                                                                                                                   300.000 5000.000 1387.000
                                 1/24/ 8 THERMC 9h 150 1 0G
                                                                                                                                                                                                                                               71
   2.76387535E+01 3.49211124E-02-1.19183338E-05 1.84806029E-09-1.07139996E-13
                                                                                                                                                                                                                                                 2
-1.84989265E+04-1.09771899E+02 6.09356016E-01 9.59639588E-02-6.45261240E-05
                                                                                                                                                                                                                                                 3
   {\tt 2.25531854E-08-3.26273833E-12-8.85197914E+03\ 3.62232601E+01}
                                                                                                                                                                                                                                                  4
                                                                                                                                              300.000 5000.000 1388.000
Ic9e3oE
                                 1/24/ 8 THERMC 9h 15o
                                                                                                                1
                                                                                                                             0G
                                                                                                                                                                                                                                               71
   2.74949896E+01 \ \ 3.57605696E-02-1.23597173E-05 \ \ 1.93222949E-09-1.12642126E-13
                                                                                                                                                                                                                                                 2
-1.82475442E + 04 - 1.09145338E + 02 \quad 3.74143422E - 02 \quad 9.92696905E - 02 - 6.98763947E - 05 \quad 9.9269696905E - 02 - 6.98763947E - 05 \quad 9.926969905E - 02 - 6.98763947E - 05 \quad 9.9269696905E - 02 - 6.98763947E - 05 \quad 9.9269696905E - 02 - 6.987647E - 00 \quad 9.9269696905E - 00 - 6.987647E - 00 \quad 9.9269696905E - 00 - 6.987647E - 00 \quad 9.926969905E - 00 - 6.98766905E - 00 - 6.987647E - 00 \quad 9.926969905E - 00 \quad 9.926969905E - 00 - 6.987647E - 00 \quad 9.926969905E - 00 \quad 9.92696905E -
                                                                                                                                                                                                                                                 3
   2.63627271E-08-4.21156354E-12-8.49126519E+03 3.88080570E+01
                                                                                                                                                                                                                                                  4
Hc8h15-3 1/24/ 8 THERMC 8h 15
                                                                                                             0
                                                                                                                              0G
                                                                                                                                                  300.000 5000.000 1392.000
                                                                                                                                                                                                                                               61
   2.35136685E+01 3.37288193E-02-1.14970987E-05 1.78091793E-09-1.03163246E-13
                                                                                                                                                                                                                                                 2
   1.30454290E+03-9.16472242E+01-1.63061239E+00 9.08820010E-02-6.10884167E-05
                                                                                                                                                                                                                                                 3
   2.14089305E-08-3.10298535E-12 1.02319783E+04 4.40166630E+01
                                                                                                                                                                                                                                                  4
                                 1/24/ 8 THERMC
                                                                                     7h 11o
                                                                                                                 1
                                                                                                                                 0G
                                                                                                                                                   300.000 5000.000 1396.000
                                                                                                                                                                                                                                               51
   2.00481096E+01 2.57409047E-02-8.49560831E-06 1.28762843E-09-7.34632712E-14
                                                                                                                                                                                                                                                 2
 -7.48022865E+03-8.07975415E+01 2.65201995E-01 7.69619980E-02-6.06229821E-05
                                                                                                                                                                                                                                                  3
   2.58348866E-08-4.52776588E-12-1.08557699E+03 2.37149955E+01
                                                                                                                                                                                                                                                  4
Tc9e4oC
                                 1/24/ 8 THERMC
                                                                                     9h 15o
                                                                                                                 1
                                                                                                                                 0G
                                                                                                                                                   300.000 5000.000 1388.000
                                                                                                                                                                                                                                               71
   2.74949896E+01 3.57605696E-02-1.23597173E-05 1.93222949E-09-1.12642126E-13
                                                                                                                                                                                                                                                 2
-1.82475442E+04-1.09145338E+02 3.74143422E-02 9.92696905E-02-6.98763947E-05
                                                                                                                                                                                                                                                 3
   2.63627271E-08-4.21156354E-12-8.49126519E+03 3.88080570E+01
                                                                                                                                                                                                                                                  4
EtDc7e9oCrH 1/24/8 THERMc 9h 15o
                                                                                                                               0G
                                                                                                                                                   300.000 5000.000 1391.000
                                                                                                                                                                                                                                               71
                                                                                                                1
   2.73963208E+01 3.58069108E-02-1.23670192E-05 1.93243390E-09-1.12615214E-13
                                                                                                                                                                                                                                                 2
-1.62754870E + 04 - 1.08376060E + 02 - 6.40137862E - 01 1.01317179E - 01 - 7.22628975E - 05
                                                                                                                                                                                                                                                 3
   2.75464912E-08-4.42233958E-12-6.40368750E+03 4.24207819E+01
                                                                                                                                                                                                                                                 4
                                 1/24/ 8 THERMC
                                                                                7h 11o 1
                                                                                                                              OG 300.000 5000.000 1388.000
Gc7e4oC
                                                                                                                                                                                                                                               51
   2
-1.00529625E+04-7.80046244E+01 4.13746135E-01 7.52020743E-02-5.38655848E-05
                                                                                                                                                                                                                                                 3
                                                                                                                                                                                                                                                 4
   2.08230439E-08-3.41688550E-12-2.70236612E+03 3.36937419E+01
                                 1/23/ 8 THERMC 5h 7o
                                                                                                                              0G
                                                                                                                                            300.000 5000.000 1035.000
                                                                                                                1
                                                                                                                                                                                                                                               51
Ac5eloC
   1.23260482E+01 \quad 3.60790879E-02-1.07903338E-05 \quad 9.49610949E-10 \quad 7.11959879E-15 \quad 7.11959879E-10 \quad 7.1195
                                                                                                                                                                                                                                                 2
   5.73120164 \pm + 03 - 3.69358192 \pm + 01 - 1.86614232 \pm + 01 - 1.58271871 \pm - 01 - 1.84090954 \pm - 04
                                                                                                                                                                                                                                                 3
   1.10294908E-07-2.70705354E-11 1.14653088E+04 1.11893541E+02
                                                                                                                                                                                                                                                 4
                                                                                                                              OG 300.000 5000.000 1390.000
MeCc6eloDrG 1/24/8 THERMc 7h 11o 1
                                                                                                                                                                                                                                               51
   2.10748427E + 01 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 14 \quad 2.67856111E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 10 \quad 2.6785611E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 10 \quad 2.6785611E - 02 - 9.26460496E - 06 \quad 1.44905483E - 09 - 8.45021450E - 10 \quad 2.6785611E - 0.26460496E - 0.06460496E - 0.0646040496E - 0.0646040496E - 0.0646040496E - 0.06460496E - 0.06460496E - 0.06460496E - 0.06460496E 
                                                                                                                                                                                                                                                 2.
-8.08304757E + 03 - 7.72784078E + 01 - 3.16015369E - 01 \\ 7.74586173E - 02 - 5.65431255E - 05 \\ -05431255E - 05 \\ -0541255E - 05 \\ -0541255E
                                                                                                                                                                                                                                                 3
   2.21716950E-08-3.66098039E-12-6.06252878E+02 3.75531495E+01
                                                                                                                                                                                                                                                  4
                                 1/24/ 8 THERMC 9h 150
                                                                                                               1
                                                                                                                                 OG 300.000 5000.000 1390.000
                                                                                                                                                                                                                                               61
   2.84634282E+01 3.47459749E-02-1.18790299E-05 1.84403615E-09-1.06988432E-13
                                                                                                                                                                                                                                                 2
3
   2.88638953E-08-4.58719088E-12-9.75409275E+03 4.12742454E+01
                                                                                                                                                                                                                                                  4
                                 1/24/ 8 THERMC 7h 13
                                                                                                                                   0G
                                                                                                                                                  300.000 5000.000 1392.000
                                                                                                                                                                                                                                               51
Gc7h13-3
                                                                                                                0
   2.02595343E+01 2.94019199E-02-1.00312524E-05 1.55475333E-09-9.00969885E-14
   5.42336436E+03-7.56005591E+01-1.28816625E+00 7.82039641E-02-5.22552162E-05
                                                                                                                                                                                                                                                  3
   1.82427873E-08-2.64174309E-12 1.31025026E+04 4.07391378E+01
                                                                                                                                                                                                                                                  4
                                  1/24/ 8 THERMC
                                                                                                                                                                                                                                               71
                                                                                     9h 150
                                                                                                                                   0G
                                                                                                                                                   300.000 5000.000 1389.000
   2.69796725E+01 3.60941888E-02-1.24520618E-05 1.94429910E-09-1.13250776E-13
                                                                                                                                                                                                                                                  2
-1.56603282E+04-1.04951279E+02-7.15594414E-01 1.00202922E-01-7.04580714E-05
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   2.65106160E-08-4.21627472E-12-5.83735660E+03 4.42438047E+01
                                 1/24/ 8 THERMC
                                                                                    7h 11o
                                                                                                                1
                                                                                                                                   0G
                                                                                                                                                  300.000 5000.000 1393.000
                                                                                                                                                                                                                                               41
Ac7e4oB
   2.19747711E+01 2.63086476E-02-9.07150464E-06 1.41608285E-09-8.24723916E-14
                                                                                                                                                                                                                                                  2
-1.11514168E+04-8.34989852E+01-1.48818913E+00 8.26348148E-02-6.17199925E-05
                                                                                                                                                                                                                                                 3
                                                                                                                                                                                                                                                  4
   2.42210053E-08-3.92812284E-12-3.11235934E+03 4.20453962E+01
EtDc7e6oCrI 1/24/8 THERMC
                                                                                     9h 15o 1
                                                                                                                                                                                                                                               71
                                                                                                                                   0G
                                                                                                                                                  300.000 5000.000 1390.000
   2.75558658E+01 3.54907381E-02-1.22192430E-05 1.90543615E-09-1.10887363E-13
                                                                                                                                                                                                                                                 2.
-1.59269084E + 04 - 1.09243329E + 02 - 8.67767938E - 01 1.02070702E - 01 - 7.29821349E - 05
                                                                                                                                                                                                                                                 3
   2.77153788E-08-4.40733673E-12-5.97074623E+03 4.35184767E+01
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Dc9e8oC
                               1/24/ 8 THERMC 9h 150 1
                                                                                                                       0G
                                                                                                                                     300.000 5000.000 1386.000
                                                                                                                                                                                                                                 61
   2.92403819E+01 3.35344579E-02-1.13520325E-05 1.75139632E-09-1.01204126E-13
                                                                                                                                                                                                                                   2.
-1.87472318E+04-1.19916098E+02 4.96217372E-02 1.03875619E-01-7.74698653E-05
                                                                                                                                                                                                                                   3
   3.06124203E-08-5.01484460E-12-8.77140583E+03 3.61871767E+01
                                                                                                                                                                                                                                    4
                               1/24/ 8 THERMC
                                                                                7h 11o 1 0G
                                                                                                                                     300.000 5000.000 1384.000
                                                                                                                                                                                                                                 41
Dc7e1oE
   2.28850181E+01 2.46240719E-02-8.30820876E-06 1.27942954E-09-7.38514683E-14
                                                                                                                                                                                                                                   2
-1.05591936E+04-8.86633624E+01 6.31920283E-01 7.89136754E-02-6.01855650E-05
                                                                                                                                                                                                                                   3
   2.43575964E-08-4.07914163E-12-3.01407020E+03 \ \ 3.01154268E+01
                                                                                                                                                                                                                                   4
                                                                                                                                    300.000 5000.000 1385.000
                               1/24/ 8 THERMC 8h 12o 1 0G
echeloF
                                                                                                                                                                                                                                 11
   2.37156302E+01 3.02780430E-02-1.02598619E-05 1.58450345E-09-9.16420462E-14
                                                                                                                                                                                                                                   2
-3.08640689E + 04 - 1.02296953E + 02 - 5.08929091E + 00 \\ 9.88733966E - 02 - 7.32504548E - 05 \\ -0504548E - 05 \\ -05048E - 
                                                                                                                                                                                                                                   3
   2.81693175E-08-4.43961119E-12-2.10003074E+04 5.19293489E+01
                                                                                                                                                                                                                                    4
                               1/24/ 8 THERMC 9h 150 1 OG
Ac9e6oC
                                                                                                                                   300.000 5000.000 1383.000
                                                                                                                                                                                                                                 71
   2.75654649E+01 3.47584146E-02-1.18198072E-05 1.82882293E-09-1.05880704E-13
                                                                                                                                                                                                                                   2
 -1.63059878E+04-1.07858716E+02 4.86390089E-01 9.68892586E-02-6.69993551E-05
                                                                                                                                                                                                                                   3
   2.45681502E-08-3.78452680E-12-6.69439268E+03 3.81352101E+01
                                                                                                                                                                                                                                    4
MeDc8e7oCrI 1/24/8 THERMc 9h 15o 1 0G
                                                                                                                                          300.000 5000.000 1390.000
                                                                                                                                                                                                                                 71
   2.75558658E+01 3.54907381E-02-1.22192430E-05 1.90543615E-09-1.10887363E-13
                                                                                                                                                                                                                                   2
-1.59269084E+04-1.09243329E+02-8.67767938E-01 1.02070702E-01-7.29821349E-05
                                                                                                                                                                                                                                   3
   2.77153788E-08-4.40733673E-12-5.97074623E+03 4.35184767E+01
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MeEc8e9oDrA 1/24/8 THERMc 9h 15o 1
                                                                                                                      0G
                                                                                                                                          300.000 5000.000 1390.000
                                                                                                                                                                                                                                 71
   2.79936865E+01 3.52120429E-02-1.21424305E-05 1.89535545E-09-1.10374374E-13
                                                                                                                                                                                                                                   2.
 -1.78590802E+04-1.12352624E+02 1.55351515E-01 1.01391194E-01-7.40800939E-05
                                                                                                                                                                                                                                   3
   2.90989537E-08-4.80895280E-12-8.16092770E+03 3.69930363E+01
                                                                                                                                                                                                                                   4
MeCc6e7oBrA 1/24/8 THERMc 7h 11o
                                                                                                         1
                                                                                                                      0G
                                                                                                                                          300.000 5000.000 1395.000
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   2.30205831E+01 2.54165057E-02-8.76216288E-06 1.36757164E-09-7.96367737E-14
                                                                                                                                                                                                                                   2
-1.33672349E + 04 - 9.10966712E + 01 - 8.20190991E - 01 \\ 8.47679172E - 02 - 6.67363894E - 05 \\ -0.20190991E - 0.001869172E 
                                                                                                                                                                                                                                   3
   2.76697221E-08-4.71062015E-12-5.40670777E+03 3.57239906E+01
                                                                                                                                                                                                                                   4
                             1/24/ 8 THERMC 7h 10o
                                                                                                                      OG 300.000 5000.000 1394.000
                                                                                                                                                                                                                                 01
mcheloD
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   2.01697645E+01 2.65092845E-02-9.03743820E-06 1.40028948E-09-8.11375852E-14
                                                                                                                                                                                                                                   2
-2.69338657E+04-8.35191285E+01-3.58892664E+00 8.37547755E-02-6.23297779E-05
                                                                                                                                                                                                                                   3
   2.41973596E-08-3.85119606E-12-1.88665907E+04 4.34460939E+01
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MeEc8e9oCrA 1/24/8 THERMc 9h 15o
                                                                                                                      OG 300.000 5000.000 1389.000
                                                                                                                                                                                                                                 71
                                                                                                         1
   2.74600798E+01 \ \ 3.57065818E-02-1.23224287E-05 \ \ 1.92445256E-09-1.12109753E-13
                                                                                                                                                                                                                                   2
-1.60308232\mathtt{E} + 04 - 1.08001829\mathtt{E} + 02 - 3.52101941\mathtt{E} - 01 \ 1.01105648\mathtt{E} - 01 - 7.27843828\mathtt{E} - 05
                                                                                                                                                                                                                                   3
   2.81740647E - 08 - 4.60435534E - 12 - 6.26030384E + 03 \ 4.14747219E + 01 \ 4.14747219E
                                                                                                                                                                                                                                   4
                                                                                                                      OG 300.000 5000.000 1389.000
                                                                                                                                                                                                                                 71
MeEc8e9oyA 1/24/ 8 THERMc 9h 15o
                                                                                                         1
   2.80153159E+01 3.47306690E-02-1.18784705E-05 1.84431131E-09-1.07015089E-13
                                                                                                                                                                                                                                   2.
-1.88358768E + 04 - 1.12258554E + 02 \quad 8.94023311E - 01 \quad 9.72842670E - 02 - 6.75886667E - 05 \quad 9.72842670E - 02 - 6.75886667E - 02 - 6.758866667E - 02 - 6.75886667E - 02 - 6.758866667E - 02 - 6.75886667E - 02 - 6.758866667E - 02 - 6.758866667E - 02 - 6.758866667E - 02 - 6.758866667E - 02 - 6.7588666667E - 02 - 
                                                                                                                                                                                                                                   3
   2.47642144E-08-3.78856156E-12-9.26449742E+03 3.38069467E+01
                                                                                                                                                                                                                                   4
MeCc6e7oyA 1/24/ 8 THERMc 7h 11o 1
                                                                                                                      OG 300.000 5000.000 1391.000
                                                                                                                                                                                                                                 51
   2.15696479E+01 2.62260606E-02-9.04179371E-06 1.41125528E-09-8.21816272E-14
                                                                                                                                                                                                                                   2
-1.01552444E+04-8.07872190E+01 1.22030884E-01 7.60540809E-02-5.38446903E-05
                                                                                                                                                                                                                                   3
   2.00447643E-08-3.10739109E-12-2.62185676E+03 3.45937909E+01
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MeBc5e1rF 1/24/ 8 THERMc 6h 11
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                                                                                                                          OG 300.000 5000.000 1395.000
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   1.82026718E+01 2.44812048E-02-8.35996384E-06 1.29643763E-09-7.51546950E-14
                                                                                                                                                                                                                                   2
   2.33876532E+03-6.95575445E+01-1.47932805E+00 7.22802333E-02-5.37942381E-05
                                                                                                                                                                                                                                   3
   2.13741487E-08-3.53072969E-12 9.04209177E+03 3.55846172E+01
MeDc7e8rA 1/24/ 8 THERMC
                                                                                8h 15
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                                                                                                                                          300.000 5000.000 1393.000
   2.39346860E+01 3.34622778E-02-1.14237113E-05 1.77127107E-09-1.02670849E-13
   9.50665421E+02-9.43797351E+01-1.24548629E+00 9.17390575E-02-6.34283865E-05
                                                                                                                                                                                                                                   3
   2.31490754E-08-3.52127185E-12 9.80459419E+03 4.11379259E+01
                                1/24/ 8 THERMC
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                                                                                                                                          300.000 5000.000 1386.000
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   2.07629532E+01 2.52877789E-02-8.47681615E-06 1.29974475E-09-7.48000483E-14
                                                                                                                                                                                                                                   2
-2.76203475E+04-8.65483538E+01-2.11957385E+00 7.93172621E-02-5.72984839E-05
                                                                                                                                                                                                                                   3
   2.14180492E-08-3.26730030E-12-1.97657027E+04 3.60864151E+01
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                                                                                9h 15o
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MeEc8e9oBrH 1/24/8 THERMC
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                                                                                                                                          300.000 5000.000 1388.000
   2.75254751E+01 3.54354132E-02-1.21828876E-05 1.89801539E-09-1.10386263E-13
                                                                                                                                                                                                                                   2.
-1.64313423E+04-1.08440996E+02 5.74140762E-01 9.70841037E-02-6.68413922E-05
                                                                                                                                                                                                                                   3
   2.44145535E-08-3.75446204E-12-6.82594357E+03 3.69624675E+01
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Ac9e5oC
                            1/24/ 8 THERMC 9h 15o 1 0G 300.000 5000.000 1389.000
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2.69796725E+01 3.60941888E-02-1.24520618E-05 1.94429910E-09-1.13250776E-13
                                                                                                                                                                                                                                      2
-1.56603282E + 04 - 1.04951279E + 02 - 7.15594414E - 01 1.00202922E - 01 - 7.04580714E - 05
                                                                                                                                                                                                                                      3
   2.65106160E-08-4.21627472E-12-5.83735660E+03 4.42438047E+01
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                                                                                 7h 11o
MeEc6e5oBrG 1/24/8 THERMC
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                                                                                                           1
   2.18152942E+01 2.63955791E-02-9.09023823E-06 1.41779213E-09-8.25213692E-14
                                                                                                                                                                                                                                      2
-1.50426859E + 04 - 8.37223455E + 01 3.13380268E - 01 7.77345889E - 02 - 5.73228673E - 05
                                                                                                                                                                                                                                      3
   2.26612866E-08-3.75784315E-12-7.58430278E+03 3.15348760E+01
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                                1/24/ 8 THERMC
                                                                                 9h 15o
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   2.74949896E+01 3.57605696E-02-1.23597173E-05 1.93222949E-09-1.12642126E-13
                                                                                                                                                                                                                                      2
-1.82475442E + 04 - 1.09145338E + 02 \quad 3.74143422E - 02 \quad 9.92696905E - 02 - 6.98763947E - 05 \quad 9.9269696905E - 02 - 6.987647E - 00 \quad 9.9269696905E - 00 - 6.987647E - 00 \quad 9.9269696905E - 00 - 6.987647E - 00 \quad 9.926969905E - 00 \quad 9.92696905E - 00 \quad 9.92696905E - 00 \quad 9.92696905E - 00 \quad 9.92696905E - 00 \quad 9.926969
                                                                                                                                                                                                                                      3
   2.63627271E-08-4.21156354E-12-8.49126519E+03 3.88080570E+01
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                               1/24/ 8 THERMC
                                                                                 7h 11o
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                                                                                                                                           300.000 5000.000 1392.000
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   2.25316773E+01 2.59650419E-02-8.98120420E-06 1.40489483E-09-8.19375493E-14
                                                                                                                                                                                                                                      2
-1.37600082E + 04 - 8.79489331E + 01 - 1.04100436E + 008.31434162E - 02 - 6.32874906E - 058600082E + 01000082E + 010000082E 
                                                                                                                                                                                                                                      3
   2.54064976E-08-4.21836998E-12-5.72267942E+03 3.80065544E+01
                                                                                                                                                                                                                                      4
EtDc7e1oCrI 1/24/8 THERMC
                                                                                 9h 15o
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                                                                                                                                           300.000 5000.000 1392.000
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   2.83661162E+01 3.51125251E-02-1.21575363E-05 1.90297923E-09-1.11035066E-13
                                                                                                                                                                                                                                      2
-1.81887474E + 04 - 1.15453364E + 02 - 2.50103390E + 00 \quad 1.09477970E - 01 - 8.24469681E - 05 \quad 1.09477970E - 01 - 1.094770E - 01 - 1.094770E - 01 - 1.094770E - 01 - 1.094770E - 01 -
                                                                                                                                                                                                                                      3
   3.29086562E-08-5.45954568E-12-7.58616849E+03 4.97041953E+01
                                                                                                                                                                                                                                      4
                               1/23/ 8 THERMC
Dc7e1oC
                                                                                 7h 11o
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                                                                                                                                           300.000 5000.000 1393.000
                                                                                                                                                                                                                                   31
   2.21943129E+01 2.62103676E-02-8.96188910E-06 1.39098413E-09-8.06844384E-14
                                                                                                                                                                                                                                      2
-1.24040053E+04-8.60120444E+01 1.05310053E-01 8.19587294E-02-6.46866529E-05
                                                                                                                                                                                                                                      3
   2.74153729E-08-4.80345154E-12-5.05697958E+03 3.13003989E+01
                                                                                                                                                                                                                                      4
EtDc7e9oyA 1/25/ 8 THERMC
                                                                                 9h 15o
                                                                                                             1
                                                                                                                             0G
                                                                                                                                           300.000 5000.000 1390.000
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   2.78998178E+01 3.48812212E-02-1.19410924E-05 1.85512889E-09-1.07684989E-13
                                                                                                                                                                                                                                      2
-1.81621478E + 04 - 1.12334905E + 02 3.76106283E - 01 9.84513479E - 02 - 6.85486971E - 05
                                                                                                                                                                                                                                      3
   2.50904988E-08-3.82278166E-12-8.46965149E+03 3.58457935E+01
                                                                                                                                                                                                                                      4
EtCc6e1rH 1/24/ 8 THERMC
                                                                                 8h 15
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                                                                                                                                           300.000 5000.000 1394.000
                                                                                                                                                                                                                                   61
   2.38461196E+01 3.36012356E-02-1.14853528E-05 1.78229044E-09-1.03368100E-13
                                                                                                                                                                                                                                      2
   3
   2.32202015E-08-3.50297681E-12 1.05918798E+04 4.29325453E+01
                                                                                                                                                                                                                                      4
MeEc8eloDrI 1/24/8 THERMC
                                                                                                                             0G
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                                                                                9h 15o
                                                                                                                                      300.000 5000.000 1392.000
                                                                                                             1
   2
-1.55266584E + 04 - 1.10403911E + 02 - 2.21887559E + 00 \quad 1.05624779E - 01 - 7.59169652E - 05 - 1.05624779E - 01 - 1.05624779
                                                                                                                                                                                                                                      3
   2.86501461\mathtt{E} - 08 - 4.48986982\mathtt{E} - 12 - 5.08273676\mathtt{E} + 03 \quad 5.03899633\mathtt{E} + 01
                                                                                                                                                                                                                                      4
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MeEc8eloyI 1/24/ 8 THERMc 9h 15o
                                                                                                                           OG 300.000 5000.000 1393.000
                                                                                                                                                                                                                                   71
   2.79370225E+01 3.51508725E-02-1.20987316E-05 1.88630861E-09-1.09761615E-13
                                                                                                                                                                                                                                      2.
-1.82354934E+04-1.12870694E+02-5.69572662E-01 1.00237977E-01-6.88491218E-05
                                                                                                                                                                                                                                      3
   2.44535841E-08-3.57272632E-12-8.15259288E+03\ 4.08153147E+01
                                                                                                                                                                                                                                      4
                               1/24/ 8 THERMC
c6e1e5oC
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  1.72837064E+01 \ 2.09547441E-02-7.22318386E-06 \ 1.12721617E-09-6.56317543E-14
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3
   2.30853603E-08-4.02852222E-12-6.79611774E+03 3.83720285E+01
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                               1/24/ 8 THERMC
                                                                                 8h 15
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Ec8h15-1
   2.38137997E+01 3.29111978E-02-1.11043362E-05 1.70913415E-09-9.85919191E-14
                                                                                                                                                                                                                                      2
   1.21766863E+03-9.32787751E+01-6.59887142E-01 8.48568447E-02-5.09516976E-05
                                                                                                                                                                                                                                      3
   1.45505436E-08-1.49835714E-12 1.01939871E+04 3.99394663E+01
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                                1/24/ 8 THERMC
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   2.84634282E+01 3.47459749E-02-1.18790299E-05 1.84403615E-09-1.06988432E-13
                                                                                                                                                                                                                                      2
-1.98492867E + 04 - 1.15212700E + 02 - 7.18587254E - 01 1.03849300E - 01 - 7.53910500E - 05
                                                                                                                                                                                                                                      3
   2.88638953E-08-4.58719088E-12-9.75409275E+03 4.12742454E+01
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EtDc7e9oBrA 1/24/8 THERMC
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   2.87460428E+01 3.46680894E-02-1.18849787E-05 1.84814474E-09-1.07348982E-13
                                                                                                                                                                                                                                      2
-1.95201843E+04-1.17894187E+02-9.37757039E-01 1.06270022E-01-7.93024518E-05
                                                                                                                                                                                                                                      3
   3.13205667E-08-5.12729208E-12-9.37383216E+03 4.08321655E+01
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MeCc6e1rG 1/24/ 8 THERMC
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   2.06286628E+01 2.92376417E-02-1.00059274E-05 1.55393368E-09-9.01719819E-14
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   5.70589927E+03-7.87995254E+01-1.54565686E+00 8.07549368E-02-5.62650639E-05
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   2.07289386E-08-3.18615282E-12 1.34892129E+04 4.04806840E+01
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EtDc7eloHrI 1/24/8 THERMc
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   2.88582361E+01 3.47763025E-02-1.19665371E-05 1.86542159E-09-1.08537074E-13
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-1.96139051E+04-1.18830334E+02-2.07356317E+00 1.08859562E-01-8.07493870E-05
                                                                                                                                                                                                                                                                                3
   3.13296665E-08-5.00622311E-12-9.02686043E+03 4.66910731E+01
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                                     1/24/ 8 THERMC
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Fc9e1oE
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    2.80780146E+01 3.30659810E-02-1.08848887E-05 1.64787647E-09-9.39744912E-14
                                                                                                                                                                                                                                                                                2.
-1.52251186E + 04 - 1.22764619E + 02 - 1.27853907E + 00 \quad 1.09174419E - 01 - 8.80694149E - 05 - 1.09174419E - 01 - 1.09174419
                                                                                                                                                                                                                                                                                3
    3.77407444E-08-6.58758092E-12-5.79283226E+03 3.22134901E+01
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                                     1/24/ 8 THERMC
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c7ele6oC
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    2.02433146E+01 2.55576101E-02-8.78799262E-06 1.36906664E-09-7.96161671E-14
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3
   2.47222183E-08-4.31311361E-12-1.05914186E+04 3.36795687E+01
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                                     1/24/ 8 THERMC 9h 150 1 0G
                                                                                                                                                              300.000 5000.000 1387.000
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c9e5oyA
    2.76387535E+01 3.49211124E-02-1.19183338E-05 1.84806029E-09-1.07139996E-13
                                                                                                                                                                                                                                                                                2
-1.84989265E + 04 - 1.09771899E + 02 \\ 6.09356016E - 01 \\ 9.59639588E - 02 - 6.45261240E - 05 \\ -0.09356016E - 01 \\ -0.09366016E - 01 \\ -0.09366016E - 01 \\ -0.0936016E - 01 \\ -0.09366016E - 01 \\ -0.093660
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    2.25531854E-08-3.26273833E-12-8.85197914E+03 3.62232601E+01
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EtDc7e9oCrA 1/24/8 THERMc 9h 15o 1 0G
                                                                                                                                                                     300.000 5000.000 1389.000
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    2.74207699E+01 3.55716688E-02-1.22398603E-05 1.90790813E-09-1.11001535E-13
                                                                                                                                                                                                                                                                                2
 -1.59341085E+04-1.08584719E+02 9.45284085E-02 9.80778340E-02-6.75370200E-05
                                                                                                                                                                                                                                                                                3
    2.45753090E-08-3.75225167E-12-6.20795158E+03 3.88193602E+01
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                                     1/24/ 8 THERMC
Ac8h15-4
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    2.35136685E+01 3.37288193E-02-1.14970987E-05 1.78091793E-09-1.03163246E-13
    1.30454290E+03-9.16472242E+01-1.63061239E+00 9.08820010E-02-6.10884167E-05
                                                                                                                                                                                                                                                                                3
    2.14089305E-08-3.10298535E-12 1.02319783E+04 4.40166630E+01
                                                                                                                                                                                                                                                                                4
EtBc5e7oyA 1/24/ 8 THERMC
                                                                                          7h 11o
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    2.15550512E+01 2.62614900E-02-9.05909909E-06 1.41448550E-09-8.23911103E-14
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-1.04247908E + 04 - 8.14573314E + 01 - 5.28433349E - 01 7.77608927E - 02 - 5.54146741E - 05
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    2.06413386E-08-3.18323640E-12-2.70746241E+03 3.72416569E+01
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                                     1/24/ 8 THERMC
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Fc9e1oC
    2.82304677E+01 3.41043206E-02-1.15796384E-05 1.79022138E-09-1.03600366E-13
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-1.84472170E + 04 - 1.13108518E + 02 5.45344018E - 01 9.50191613E - 02 - 6.16874215E - 05
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   2.01426108E-08-2.63599843E-12-8.45419002E+03 3.69195672E+01
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MeEc8eloCrI 1/24/8 THERMc 9h 15o 1
                                                                                                                                              OG 300.000 5000.000 1384.000
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   3.12333014E+01 3.33031702E-02-1.16767354E-05 1.84324185E-09-1.08188353E-13
                                                                                                                                                                                                                                                                                2.
-1.95339069E + 04 - 1.22548811E + 02 - 1.12906485E - 01 \quad 1.05240737E - 01 - 7.56902029E - 05 \quad 1.05240737E - 01 - 1.0524073F - 01 - 1.0524075F - 01 - 1.052407F - 01 - 1.0524075F - 01 - 1.052407F - 01 - 1.0524075F - 01 - 1.0524075F - 01 - 1
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   2.83282066 \mathtt{E} - 08 - 4.41769897 \mathtt{E} - 12 - 8.39753008 \mathtt{E} + 03 \ 4.64649097 \mathtt{E} + 01
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                                                                                                                                          OG 300.000 5000.000 1388.000
EtDc7eloyI 1/24/ 8 THERMc 9h 15o
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                                                                                                                              1
   2.81976221E+01 \quad 3.43654852E-02-1.17102814E-05 \quad 1.81399559E-09-1.05095843E-13
                                                                                                                                                                                                                                                                                2
-1.83957695E+04-1.13988719E+02 3.38536349E-01 9.83220771E-02-6.78848122E-05
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   2.43698584E-08-3.60908764E-12-8.58306433E+03 3.60748308E+01
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MeDc7e1rH 1/24/ 8 THERMc 8h 15
                                                                                                                                              OG 300.000 5000.000 1393.000
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    2.38489634E+01 3.36289665E-02-1.15018377E-05 1.78560400E-09-1.03591617E-13
                                                                                                                                                                                                                                                                                2.
   1.45714388E + 03 - 9.46861083E + 01 - 1.58550772E + 00 \quad 9.19236301E - 02 - 6.27828924E - 05 \quad 9.19236301E - 02 - 6.278288924E - 05 \quad 9.19236301E - 02 - 6.278288924E - 02 \cdot 6.27828882E - 02 \cdot 6.27828882E - 02 \cdot 6.27828882E - 02 \cdot 6.27828882E - 02 \cdot 6.2782882E - 02 \cdot 6.2782882E - 02 \cdot 6.2782882E - 02 \cdot 6.2782882E - 02 \cdot 6.278282E - 02 \cdot 6.27828
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    2.24798094E-08-3.34342869E-12 1.04519347E+04 4.23931463E+01
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                                     1/24/ 8 THERMC
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    2.80786506E+01 3.38449165E-02-1.14167703E-05 1.75809251E-09-1.01486378E-13
                                                                                                                                                                                                                                                                                2
-1.60033804E + 04 - 1.10948150E + 02 \quad 3.35281538E - 02 \quad 9.47198147E - 02 - 6.01232464E - 05 \quad 9.4719814E - 02 - 6.01232464E - 05 \quad 9.4719814E - 02 - 6.012324E - 02 - 02 - 6.01244E - 02 - 6.0124E - 6.0124E - 02 - 6.0124E -
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   1.87407510E - 08 - 2.26194974E - 12 - 5.83348355E + 03 4.12661553E + 01
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                                     1/24/ 8 THERMC
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    2.02765709E+01 2.51689830E-02-8.67111492E-06 1.35284796E-09-7.87611987E-14
-1.56746985E + 04 - 7.62117137E + 01 - 1.11849085E - 01 7.08530913E - 02 - 4.74723400E - 05
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   1.62768351E-08-2.28197846E-12-8.37422681E+03 3.40196090E+01
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    0.57251687E+01 0.31237348E-02-0.45585432E-06 0.38137455E-10-0.14920125E-14
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    0.18034854E+05-0.18417238E+02 0.11098851E+01 0.13675613E-01-0.78440899E-05
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    0.11181740E-08 0.36875770E-12 0.19492883E+05 0.61536775E+01
EtDc7e3oIrG 1/28/8 THERMC
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    2.76012379E+01 3.54718492E-02-1.22170463E-05 1.90554124E-09-1.10911559E-13
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-1.35918592E+04-1.08711239E+02-7.44186139E-01 1.01064341E-01-7.09400715E-05
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   2.62268737E-08-4.04564524E-12-3.60269285E+03 4.38815724E+01
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    0.11702852E+02 0.20550847E-01-0.68724235E-05 0.10855719E-08-0.66538097E-13
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    0.11624912E+05-0.35413887E+02 0.73222780E+00 0.45764759E-01-0.24473251E-04
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0.33784284E-08 0.98663807E-12 0.15071673E+05 0.22927427E+02
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                                                   7/13/ 7 THERMC 9h 17o
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      4.02607980E+01 3.89797029E-02-1.37785563E-05 2.18709866E-09-1.28874164E-13
                                                                                                                                                                                                                                                                                                                                                                                                                2
 -4.61416686E + 04 - 1.84384590E + 02 - 5.90662120E + 00 \quad 1.44061492E - 01 - 1.03978834E - 04 - 1.03978884E - 04 - 1.03978884E - 04 - 1.039788E - 04 - 1.03978E - 04 - 1.0
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      3.69779916E-08-5.23141347E-12-2.99087280E+04 6.44229870E+01
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      1.67439542E+01 2.08334700E-02-7.05919031E-06 1.08936701E-09-6.29467680E-14
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      2.25998592E-08-3.85248194E-12 2.50697246E+04 4.00893014E+01
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mchelqDqF 2/8/8 THERMc
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      3.17548129E+01 2.88763031E-02-1.01132724E-05 1.59535811E-09-9.35981827E-14
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      4.11798587E-08-7.10979883E-12-3.18082068E+04 4.26077784E+01
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mchelqDojF 2/ 8/ 8 THERMc
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      2.77021460E+01 2.77867768E-02-9.67209488E-06 1.51950452E-09-8.88929156E-14
                                                                                                                                                                                                                                                                                                                                                                                                                2
 -2.32219341E + 04 - 1.20300131E + 02 - 3.92278807E + 00 \quad 1.07986982E - 01 - 8.92517974E - 05 \quad 1.07986982E - 01 - 1.07986982
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      3.80282146E-08-6.55849368E-12-1.28582646E+04 4.73260219E+01
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MeEc8e9oAqC 2/8/ 8 THERMC
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     3.44456417E+01 3.69080881E-02-1.28142087E-05 2.00943763E-09-1.17396162E-13
                                                                                                                                                                                                                                                                                                                                                                                                                2
 -5.24008742E + 04 - 1.43307238E + 02 1.34557580E + 00 1.17333862E - 01 - 8.99246125E - 05
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      3.66602642E-08-6.21588889E-12-4.10664787E+04 3.36123676E+01
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MeEc6e5oAqCrG 2/8 THERMc
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      2.82630872E+01 2.56638300E-02-8.94931881E-06 1.40751304E-09-8.24002622E-14
                                                                                                                                                                                                                                                                                                                                                                                                                2
 -2.59803253E+04-1.13679125E+02 2.77611636E+00 8.95184220E-02-7.24254673E-05
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      3.09808202E-08-5.45358326E-12-1.74411905E+04 2.18732962E+01
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     1.92347354E+01 1.59149470E-02-5.58395531E-06 8.81839486E-10-5.17738216E-14
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 -2.11118288E + 04 - 6.67011744E + 01 \quad 3.55763032E + 00 \quad 5.38877857E - 02 - 4.20344198E - 05 \quad 4.2034418E - 05 \quad 4.203448E - 05 \quad 4.203488E - 05 \quad 4.20348E - 05 \quad 4.20348E - 05 \quad 4.20348E - 05 \quad 4.20348E - 05 \quad
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     1.73645702E-08-2.98294670E-12-1.57142662E+04 1.71657716E+01
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MeCc6e7oAgErF 2/ 8 THERMC
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     2.82739987E + 01 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 02 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 00 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 00 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 00 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 00 - 8.83689657E - 06 \ 1.39168712E - 09 - 8.15521206E - 14 \ 2.52931815E - 00 - 8.83689657E - 06 \ 1.39168712E - 00 - 8.83689657E - 00 \ 1.39168712E - 00 - 8.8368967E - 00 \ 1.39168712E - 00
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 -1.88873645E + 04 - 1.10996575E + 02 \quad 7.89561691E - 01 \quad 9.40642718E - 02 - 7.65279418E - 05 \quad 9.40642718E - 1.0096575E + 1.009675E + 1.0096575E + 1.0096575E + 1.0096575E + 1.0096575E + 1.009675E + 1.00967
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     3.24007637E-08-5.60013013E-12-9.73510471E+03 3.51017431E+01
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MeCc6e5e7oA 2/8/ 8 THERMc
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     2.07404502E + 01 \quad 2.48280427E - 02 - 8.56379448E - 06 \quad 1.33705185E - 09 - 7.78764769E - 14 \quad 1.33705185E - 14 \quad 1.33705185E
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 -1.29729969\mathtt{E} + 04 - 7.79329132\mathtt{E} + 01 - 1.12142149\mathtt{E} + 00 \quad 7.83311177\mathtt{E} - 02 - 6.00527258\mathtt{E} - 05 - 1.29729969\mathtt{E} + 0.00527258\mathtt{E} - 0.0052758\mathtt{E} - 0.0052758\mathtt{E} - 0.0052758\mathtt{E} 
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     2.44557155E-08-4.12706828E-12-5.55181627E+03 3.87372969E+01
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      2.03296987E+01 2.26873875E-02-7.83828779E-06 1.22514690E-09-7.14147706E-14
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      5.98703795E+03-7.40579067E+01-3.46568834E-01 7.35262059E-02-5.69864442E-05
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      2.33766253E-08-3.96181820E-12 1.29763984E+04 3.61916678E+01
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MeBc5e1e4rF 2/8/ 8 THERMc
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      1.71334891E+01 2.06071079E-02-7.00134534E-06 1.08222390E-09-6.26003462E-14
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      1.84353813E+04-6.37416111E+01-2.08589620E+00 7.02893415E-02-5.75392781E-05
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      2.48984149E-08-4.39146617E-12 2.46625677E+04 3.78336077E+01
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MeEc8e9oAojC 2/8/8 THERMc
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      3.04339220E+01 3.53997343E-02-1.21454360E-05 1.88954803E-09-1.09787103E-13
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 -3.23621855E+04-1.23498317E+02 3.49703702E-01 1.08774790E-01-8.23796570E-05
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     3.32142720E-08-5.55758388E-12-2.21352542E+04 3.71234709E+01
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MeCc6e7oA 2/8/8 THERMC
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      2.19825556E+01 2.83616887E-02-9.76489749E-06 1.52271848E-09-8.86150067E-14
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 -2.91154492E+04-8.46727882E+01-6.55203325E-01 8.08743044E-02-5.69368920E-05
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     2.11394671E-08-3.27585807E-12-2.11498423E+04 3.71494444E+01
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      3.99214291E+01 3.68244931E-02-1.28602770E-05 2.02474891E-09-1.18626355E-13
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 -3.24333397E+04-1.68345825E+02 3.42843490E-02 1.36493128E-01-1.10762783E-04
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     4.67632960E-08-8.06047111E-12-1.91426513E+04 4.37206262E+01
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      3.20717501E + 01 \quad 3.66544334E - 02 - 1.26939295E - 05 \quad 1.98722168E - 09 - 1.15962536E - 13 \quad 1.98722168E - 10 - 1.08828168E - 10 - 1.088288168E - 10 - 1.088288168E - 10 - 1.08828168E - 10 - 1.08828168E - 10 - 1.088288168E - 10 - 1.088281
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 -2.65588469E+04-1.33509904E+02-2.17161393E+00 1.21602639E-01-9.57508306E-05
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      3.98785213E-08-6.84665319E-12-1.50489142E+04 4.88313637E+01
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    2.81669785E+01 3.48173355E-02-1.18617240E-05 1.83681271E-09-1.06380018E-13
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    3.45374583E-08-5.72722626E-12 3.82926634E+03 5.06688957E+01
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    1.83335573E + 01 \quad 2.42384336E - 02 - 8.34179624E - 06 \quad 1.30049092E - 09 - 7.56713528E - 14 \quad 1.83335573E + 01 \quad 2.42384336E - 02 - 8.34179624E - 06 \quad 1.30049092E - 09 - 7.56713528E - 14 \quad 1.83335573E + 01 \quad 1.83335E + 01 \quad 1.8335E + 01 
                                                                                                                                                                                                                                                                                                                    2
-2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \quad 6.75191419E - 02 - 4.59641521E - 05 \quad 6.75191419E - 02 - 4.59641521E - 02 - 4.596416E - 02 - 4.596416
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    1.62972308E-08-2.39792598E-12-1.78448055E+04 3.69629712E+01
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                                           2/ 8/ 8 THERMC 6h 90 1
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сбе3оуА
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    1.79164768E+01 2.21089552E-02-7.62133514E-06 1.18949022E-09-6.92667918E-14
                                                                                                                                                                                                                                                                                                                    2
-5.68199822E + 03 - 6.21132884E + 01 \quad 3.35169089E - 02 \quad 6.27096053E - 02 - 4.28992287E - 05 \quad 6.27096053E - 02 - 4.28992287E - 02 \quad 6.27096053E - 02 - 4.289928E - 02 \quad 6.27096053E - 02 - 4.28992287E - 02 \quad 6.27096053E - 02 - 4.2899228E - 02 \quad 6.27096053E - 02 \quad 6.27096052E -
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    1.52253216E-08-2.23544811E-12 6.83088437E+02 3.44086825E+01
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                                     4/24/ 6 thermc 6h 11o 4
BchxqAqC
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    2.98556800e+01 2.53932414e-02-9.01194962e-06 1.43437601e-09-8.46824672e-14
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 -3.09326307e+04-1.30765809e+02-2.43293753e+009.54793112e-02-6.38371965e-05
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    1.93409599e-08-2.03740537e-12-1.93630522e+04 4.42454223e+01
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с9ебоАдЕ
                                          2/11/ 8 THERMC 9h 160
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    3.41964681E+01 3.71946476E-02-1.29301638E-05 2.02936087E-09-1.18631325E-13
                                                                                                                                                                                                                                                                                                                     2
-5.16114475E+04-1.41857565E+02 7.60301871E-01 1.17934161E-01-8.97968761E-05
                                                                                                                                                                                                                                                                                                                    3
    3.63384982E-08-6.12394622E-12-4.01089301E+04 3.70418259E+01
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c9e6oAojE 2/11/ 8 THERMC 9h 15o
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    3.03982059E+01 3.52741295E-02-1.20711464E-05 1.87500420E-09-1.08829605E-13
                                                                                                                                                                                                                                                                                                                    2.
 -3.16313857E+04-1.23196554E+02-5.72070962E-01 1.10784593E-01-8.41208075E-05
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    3.38317042E-08-5.62894773E-12-2.11252934E+04 4.21250221E+01
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MeEc8eloIqD 2/11/8 THERMC
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    3.50525277E+01 3.64205393E-02-1.26544528E-05 1.98555985E-09-1.16054472E-13
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-5.20774783E+04-1.47844706E+02-1.03435067E+00 1.23778611E-01-9.49916447E-05
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    3.79135733E-08-6.21006099E-12-3.98058968E+04 4.49565518E+01
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MeEc8eloIojD 2/1/8 THERMc 9h 15o
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    3.05429627E+01 3.54905040E-02-1.22171910E-05 1.90495267E-09-1.10853982E-13
                                                                                                                                                                                                                                                                                                                    2.
-3.18293001E + 04 - 1.25153892E + 02 - 1.44054990E + 00 \quad 1.12984184E - 01 - 8.52233714E - 05 \quad 1.12984184E - 01 - 1.129848E - 01 - 1.12988E - 01 - 1.12988E - 01 - 1.12988E - 01 - 1.12988E -
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    3.36863247E-08-5.47824979E-12-2.09692623E+04 4.56823456E+01
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                                          1/15/ 8 THERMC 9h 160
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-3.74326664E + 04 - 1.42120984E + 02 - 8.27706804E + 00 \quad 1.39580834E - 01 - 1.13271717E - 04 - 1.42120984E + 02 - 1.42120984
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    4.79995609E-08-8.29788266E-12-2.42052763E+04 7.02105270E+01
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    2.78749104E+01 3.70042021E-02-1.27623688E-05 1.99257651E-09-1.16062271E-13
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    3.68374971E-08-5.93823644E-12-5.52988360E+03 6.56498297E+01
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EtDc7eloIrC 2/12/8 THERMc 9h 150
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    2.75668109E+01 3.55217676E-02-1.21497451E-05 1.88661300E-09-1.09480406E-13
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    2.31351250E-08-3.33570655E-12-1.14830984E+04 3.76174003E+01
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                                          1/15/ 8 THERMC
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    3.16928192E+01 3.87840240E-02-1.34545363E-05 2.10880639E-09-1.23162528E-13
                                                                                                                                                                                                                                                                                                                     2
-3.80430168E + 04 - 1.41199994E + 02 - 7.28054551E + 00 \quad 1.36269038E - 01 - 1.09253323E - 04 - 1.0925332E - 04 - 1.092532E - 04 - 1.09252E - 04 - 1.00252E - 04 - 1.0
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    4.58623629E-08-7.87796099E-12-2.50711164E+04 6.59635284E+01
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    2.79361118E+01 3.69223384E-02-1.27274048E-05 1.98640912E-09-1.15674142E-13
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-1.81400180E + 04 - 1.22870669E + 02 - 6.99939283E + 00 1.21762971E - 01 - 9.26330006E - 05
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    3.66640093E-08-5.94079378E-12-6.32572772E+03 6.36166789E+01
MeEc8e9oArD 2/12/8 THERMC
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    2.75849556E+01 3.53957567E-02-1.20840567E-05 1.87421714E-09-1.08677200E-13
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-2.21075201E+04-1.12164540E+02 1.27188746E+00 9.29581329E-02-5.94537112E-05
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   1.94021852E-08-2.58499730E-12-1.25230140E+04 3.06343331E+01
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                                           2/12/ 8 THERMC
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    3.39312274E+01 3.73574775E-02-1.29722436E-05 2.03444078E-09-1.18866229E-13
                                                                                                                                                                                                                                                                                                                    2.
-5.20246429E+04-1.40078657E+02 1.17186763E+00 1.15525209E-01-8.62272980E-05
                                                                                                                                                                                                                                                                                                                    3
    3.41637904E-08-5.64903299E-12-4.06704009E+04 3.55163078E+01
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c9e6oAojD 2/12/ 8 THERMc
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3.00463394E+01 3.55992989E-02-1.21876557E-05 1.89352726E-09-1.09918187E-13
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-3.20175670E + 04 - 1.20944051E + 02 - 4.69762718E - 03 1.07764218E - 01 - 7.97751951E - 05
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   3.12787248E-08-5.09016175E-12-2.17121812E+04 3.98627947E+01
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                               4/24/ 6 thermc
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BchxqAqD
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   1.93409599e-08-2.03740537e-12-1.93630522e+04 4.42454223e+01
                               4/25/ 6 thermc
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   2.22604918e+01 2.43459576e-02-8.48682527e-06 1.33468541e-09-7.81399843e-14
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   2.56310780e-08-3.96967992e-12-1.49920203e+04 4.86749738e+01
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   1.86955890e+01 2.32054938e-02-8.10991067e-06 1.27749802e-09-7.48744708e-14
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 -4.42427716e+03-7.82570813e+01-6.05241022e+00 8.25140684e-02-6.31121283e-05
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   2.47789614e-08-3.96933048e-12 4.02750196e+03 5.41374764e+01
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   1.31411233e+01 1.20974544e-02-4.25024176e-06 6.71876889e-10-3.94756754e-14
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   1.44875725e+04-4.25915316e+01 5.84137389e-01 4.10586368e-02-2.99210110e-05
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   1.11323029e-08-1.69792013e-12 1.89033496e+04 2.50108321e+01
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   3.17222692E+01 3.87734455E-02-1.34543894E-05 2.10917309E-09-1.23200436E-13
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 -3.74326664E+04-1.42120984E+02-8.27706804E+00 1.39580834E-01-1.13271717E-04
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   4.79995609E-08-8.29788266E-12-2.42052763E+04 7.02105270E+01
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   2.78749104E+01 3.70042021E-02-1.27623688E-05 1.99257651E-09-1.16062271E-13
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-1.74951660E + 04 - 1.23268616E + 02 - 7.51333064E + 00 1.22847685E - 01 - 9.33937153E - 05
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   3.68374971E-08-5.93823644E-12-5.52988360E+03 6.56498297E+01
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   2.79406556E+01 3.56198001E-02-1.22715567E-05 1.91448590E-09-1.11452380E-13
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-2.01001727E + 04 - 1.15788302E + 02 - 1.64368748E + 00 \quad 1.03307839E - 01 - 7.13832451E - 05 \quad 1.03307839E - 10 - 1.03307889E - 10 - 1.0330789E - 10 - 1.033078E - 10 - 1.033078E
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   2.54382977E-08-3.72018619E-12-9.65940122E+03 4.36430061E+01
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   3.17222692E+01 3.87734455E-02-1.34543894E-05 2.10917309E-09-1.23200436E-13
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-3.74326664E + 04 - 1.42120984E + 02 - 8.27706804E + 00 \quad 1.39580834E - 01 - 1.13271717E - 04 - 1.42120984E + 02 - 1.42120984
                                                                                                                                                                                                                                  3
   4.79995609 \mathtt{E} - 08 - 8.29788266 \mathtt{E} - 12 - 2.42052763 \mathtt{E} + 04 \quad 7.02105270 \mathtt{E} + 01
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-1.74951660E+04-1.23268616E+02-7.51333064E+00 1.22847685E-01-9.33937153E-05
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   3.68374971E-08-5.93823644E-12-5.52988360E+03 6.56498297E+01
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   2.76704536E+01 \quad 3.53404605E-02-1.20688667E-05 \quad 1.87225641E-09-1.08579858E-13
                                                                                                                                                                                                                                  2.
-2.03728817E + 04 - 1.12843505E + 02 - 4.72703234E - 01 \\ 9.90528915E - 02 - 6.70533915E - 05 \\ -05 - 1.028817E + 0.008817E - 0.008817E 
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   2.35068844E-08-3.39839047E-12-1.03572713E+04 3.90904759E+01
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   2.06695205E+01 2.50617448E-02-8.58698052E-06 1.33454174E-09-7.74776234E-14
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-1.51598335E + 04 - 7.86111329E + 01 - 2.31380590E - 01 \quad 7.90259549E - 02 - 6.42176858E - 05 - 6.4217688E - 05 - 6.421768E - 05 
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   2.81936349E-08-5.10341683E-12-8.28925591E+03 3.20277574E+01
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c7e4e6oyA 2/14/ 8 THERMC
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   2.02470527E+01 2.29414229E-02-7.87065689E-06 1.22428606E-09-7.11203688E-14
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   3.80360006E+03-7.46724821E+01 5.54023500E-01 7.41765690E-02-6.10995554E-05
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   2.70944693E-08-4.93607343E-12 1.02373702E+04 2.94331392E+01
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Ec6h9-13
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   1.66858073E+01 2.11646577E-02-7.14022640E-06 1.09843296E-09-6.33257860E-14
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   1.54794179E + 04 - 6.32637113E + 01 - 3.02895071E + 00 7.28507900E - 02 - 6.03341464E - 05
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   2.63647724E-08-4.67473029E-12 2.17768320E+04 4.06424531E+01
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                               2/14/ 8 THERMC
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Fc6h9-13
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   1.66526333E+01 2.07313239E-02-6.98155215E-06 1.07262447E-09-6.17783332E-14
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   2.34571371E+04-5.94027644E+01-1.95074776E+00 6.99993459E-02-5.83590460E-05
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   2.58219203E-08-4.63869054E-12 2.93664141E+04 3.84973850E+01
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-3.09326307e+04-1.30765809e+02-2.43293753e+00 9.54793112e-02-6.38371965e-05
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    1.93409599e-08-2.03740537e-12-1.93630522e+04 4.42454223e+01
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      3.00463394E+01 3.55992989E-02-1.21876557E-05 1.89352726E-09-1.09918187E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -3.20175670E + 04 - 1.20944051E + 02 - 4.69762718E - 03 \\ 1.07764218E - 01 - 7.97751951E - 05 \\ 1.07764218E - 01 - 7.97751951E - 00 \\ 1.07764218E - 01 - 7.97751951E - 00 \\ 1.07764218E - 00 - 7.977518E - 00 \\ 1.07764218E - 00 - 7.977518E - 00 \\ 1.07764218E - 00 - 7.977518E - 00 \\ 1.07764218E - 00 - 7.077618E - 00 \\ 1.07
                                                                                                                                                                                                                                                                                                                                                                                                       3
      3.12787248E-08-5.09016175E-12-2.17121812E+04 3.98627947E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                      7/ 9/ 7 THERMC
                                                                                                                                         7h 12o 1 0G
                                                                                                                                                                                                                                     300.000 5000.000 1384.000
 c7e4oA
                                                                                                                                                                                                                                                                                                                                                                                                   51
      2.18585143E+01 2.78362301E-02-9.45398739E-06 1.46144707E-09-8.45552745E-14
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -2.93180218E + 04 - 8.32802904E + 01 \quad 2.82340042E - 01 \quad 7.63232047E - 02 - 5.08887532E - 05 \quad 2.82340042E - 01 \quad 3.8232047E - 02 - 5.08887532E - 05 \quad 3.82340042E - 01 \quad 3.82340042E
                                                                                                                                                                                                                                                                                                                                                                                                       3
     1.75724129E-08-2.50312989E-12-2.16009655E+04 3.33334273E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
 c6e2e5oA
                                                      2/14/ 8 THERMc 6h 8o 1
                                                                                                                                                                                                       0G
                                                                                                                                                                                                                                              300.000 5000.000 1394.000
                                                                                                                                                                                                                                                                                                                                                                                                   31
      1.83995952E+01 1.96332751E-02-6.77971304E-06 1.05936874E-09-6.17396006E-14
                                                                                                                                                                                                                                                                                                                                                                                                       2
  -1.24536624E+04-6.83802609E+01-1.49627654E+00 7.09429021E-02-5.90380815E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
      2.57966095E-08-4.58731337E-12-5.97359579E+03 3.68497260E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                                                                                                                           70
c6e2e5oyA 2/14/ 8 THERMc 6h
                                                                                                                                                                                      1
                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                             300.000 5000.000 1395.000
                                                                                                                                                                                                                                                                                                                                                                                                   31
      1.78431104E+01 1.75188059E-02-6.04039102E-06 9.42827312E-10-5.49044046E-14
                                                                                                                                                                                                                                                                                                                                                                                                       2
      3.68070565E+03-6.46282281E+01-2.88622657E-01 6.62227270E-02-5.79619899E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
      2.66055708E-08-4.92314842E-12 9.41627396E+03 3.06224622E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
Dc6e5oAoC 2/14/ 8 THERMC
                                                                                                                                 6h
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                                                                                                                                                                                          2.
                                                                                                                                                                                                                  0G
                                                                                                                                                                                                                                              300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                                                                                                                                                   31
      2.02349508E+01 1.83345274E-02-6.39116571E-06 1.00506355E-09-5.88390878E-14
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -1.49055865E+04-7.32371055E+01-8.32090796E-01 7.14015849E-02-5.86661793E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
      2.48257388E-08-4.25681473E-12-7.96504791E+03 3.85567398E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
Fc6e3oAoE 2/14/8 THERMc 6h
                                                                                                                                                             70
                                                                                                                                                                                        2
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                                                                                                                                                                                                                                             300.000 5000.000 1391.000
                                                                                                                                                                                                                                                                                                                                                                                                   31
      2.03602595E+01 1.83062673E-02-6.39872038E-06 1.00804454E-09-5.90855319E-14
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -1.88022042E + 04 - 7.45885509E + 01 \quad 1.36426217E - 01 \quad 6.83827541E - 02 - 5.49313391E - 05 \quad 6.83827541E - 02 - 5.49313391E - 05 \quad 6.83827541E - 01 \quad 6.83827541E - 02 - 5.49313391E - 05 \quad 6.83827541E - 01 \quad 6.83827541
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.28341312E-08-3.87096366E-12-1.20341312E+04 3.30697382E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
                                                      2/20/ 8 THERMC 9h 16o
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C90AOF
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     3.07257186E+01 \quad 3.64979157E-02-1.23797807E-05 \quad 1.91316548E-09-1.10701061E-13 \quad 1.91316548E-19 \quad 1.91316548E-19 \quad 1.91316548E-19 \quad 1.91316548E-19 \quad 1.91316548E-19 \quad 1.91316648E-19 \quad
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -6.57300880E+04-1.24878295E+02 3.04753704E+00 9.67210766E-02-6.19433968E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.04510386E-08-2.80075101E-12-5.55750901E+04 2.55164190E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
MeEc8oAoI 2/20/ 8 THERMc 9h 16o
                                                                                                                                                                                                             OG 300.000 5000.000 1388.000
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                                                                                                                                                                                                                                                                                                                                                                                                   81
     2
 -6.27530797E+04-1.24944508E+02\ 1.04511237E+00\ 1.03172160E-01-6.83653557E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.32476645E-08-3.24281885E-12-5.21585216E+04 3.44634369E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
MeEc8oyAoI 7/10/ 7 THERMc 9h 15o
                                                                                                                                                                                                                  OG 300.000 5000.000 1388.000
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                                                                                                                                                                                                                                                                                                                                                                                                   81
     3.00858629E+01 3.53699988E-02-1.21599296E-05 1.89460796E-09-1.10201824E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -4.37905513E + 04 - 1.21032952E + 02 \quad 1.81649331E + 00 \quad 9.83870943E - 02 - 6.53376429E - 05 \quad 1.81649331E + 00 \quad 9.83870943E - 02 - 6.53376429E - 05 \quad 9.83870943E - 00 - 6.53376429E - 00 - 6.53376429
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.21981687E-08-3.08506779E-12-3.36298681E+04 3.19331387E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
MeEc8oAoyI 7/10/ 7 THERMC
                                                                                                                                   9h 15o
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      3.00858629E+01 3.53699988E-02-1.21599296E-05 1.89460796E-09-1.10201824E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -4.37905513E + 04 - 1.21032952E + 02 \quad 1.81649331E + 00 \quad 9.83870943E - 02 - 6.53376429E - 05 \quad 1.81649331E + 00 \quad 9.83870943E - 02 - 6.53376429E - 05 \quad 9.83870943E - 00 - 6.53376429E - 00 - 6.53376429
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.21981687E-08-3.08506779E-12-3.36298681E+04 3.19331387E+01
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EtDc7oAoI 2/20/ 8 THERMC
                                                                                                                                         9h 16o
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      3.14509179E+01 3.56793245E-02-1.20561535E-05 1.85862833E-09-1.07371282E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -6.32003015E + 04 - 1.29952686E + 02 \ 2.29511928E + 00 \ 9.94534013E - 02 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 02 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 05 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 2.29511928E + 00 \ 9.94534013E - 00 - 6.40862892E - 00 \ 9.94534014E - 00 - 6.40862892E - 00 \ 9.9454014E - 00 - 6.40862892E - 00 \ 9.
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     2.07133085E-08-2.67590544E-12-5.26355260E+04 2.81856074E+01
EtDc7oAoyI 7/10/ 7 THERMC
                                                                                                                                          9h 15o
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      3.06341149E+01 3.41524362E-02-1.15905222E-05 1.79145557E-09-1.03657334E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2
 -4.40720325E+04-1.23777200E+02 3.09209923E+00 9.47400985E-02-6.15548325E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
      2.02194657E-08-2.68088540E-12-3.41143314E+04 2.55055299E+01
                                                                                                                                                                                                                                                                                                                                                                                                       4
EtDc7oyAoI 7/10/7 THERMC
                                                                                                                                          9h 15o
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      3.06341149E+01 3.41524362E-02-1.15905222E-05 1.79145557E-09-1.03657334E-13
                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -4.40720325E+04-1.23777200E+02 3.09209923E+00 9.47400985E-02-6.15548325E-05
                                                                                                                                                                                                                                                                                                                                                                                                       3
     2.02194657E-08-2.68088540E-12-3.41143314E+04 2.55055299E+01
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                                                                                                                                          9h 16o
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                                                                                                                       C
     0.55608106E + 00 \ 0.79293527E - 01 - 0.31932374E - 04 \ 0.57395542E - 08 - 0.38447069E - 12 \ 0.5739542E - 0.08447069E - 0.08447069
                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -0.28140414E+05 \quad 0.41014076E+02-0.39456356E+00 \quad 0.10183985E+00-0.65018299E-04
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0.14762166E-07 0.19830264E-11-0.30163439E+05 0.37978130E+02
                                                                                                                                                                                                                                                                                                                                                                       4
                                                 2/20/8 THERMC 8h 150 1 0G 300.000 5000.000 1383.000
                                                                                                                                                                                                                                                                                                                                                                   71
     2.54583317E+01 3.43402731E-02-1.17414395E-05 1.82273018E-09-1.05752320E-13
                                                                                                                                                                                                                                                                                                                                                                      2.
 -2.66900665E+04-9.87909552E+01 1.59052176E+00 8.71428219E-02-5.67022155E-05
                                                                                                                                                                                                                                                                                                                                                                      3
    1.95736520E-08-2.87151800E-12-1.79703663E+04 3.06710448E+01
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MeDc7oHrA 7/10/ 7 THERMC 8h 150 1 0G
                                                                                                                                                                                                                  300.000 5000.000 1392.000
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     2.59445373E+01 3.42704623E-02-1.17891508E-05 1.83733795E-09-1.06882908E-13
                                                                                                                                                                                                                                                                                                                                                                      2
 -2.40066400E + 04 - 1.02867324E + 02 - 1.21420268E - 01 \ 9.19733791E - 02 - 6.00024986E - 05 \ 9.19733791E - 02 - 1.00024986E - 00 \ 9.19733791E - 00 - 1.00024986E - 00 \ 9.10002498E - 00 \ 9.1000249E - 00 \ 9.1000249E - 00 \ 9.1000249E - 00 \ 9.1000249E - 
                                                                                                                                                                                                                                                                                                                                                                      3
     1.99922071E-08-2.71775810E-12-1.45915394E+04 3.83272533E+01
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                                                 7/ 6/ 7 THERMC 8h 15o 1
Ec8oA
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     2.62742875E+01 3.26514565E-02-1.09654742E-05 1.68349940E-09-9.69743404E-14
                                                                                                                                                                                                                                                                                                                                                                      2
 -2.44651589E + 04 - 1.03193889E + 02 \ 2.23082786E + 00 \ 8.06361592E - 02 - 4.36093752E - 05 \ 4.06361592E - 000 - 4.06361592E - 0.06361592E - 000 - 4.06361592E - 000 - 4.06361592E - 000 - 4.06361592E - 0.06361592E - 000 - 4.06361592E - 000 - 
                                                                                                                                                                                                                                                                                                                                                                      3
     9.73004079 \\ \text{E} - 09 - 4.14221182 \\ \text{E} - 13 - 1.53574767 \\ \text{E} + 04 \quad 2.87397750 \\ \text{E} + 01 \\ 
                                                                                                                                                                                                                                                                                                                                                                       4
EtCc6oArH 7/10/7 THERMc 8h 150 1 0G 300.000 5000.000 1387.000
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     2.60283360E+01 3.38008935E-02-1.15432817E-05 1.79055184E-09-1.03828677E-13
                                                                                                                                                                                                                                                                                                                                                                      2
 3
     1.96538809E-08-2.72995524E-12-1.50482662E+04 3.28291994E+01
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MeDc7oArH 7/10/ 7 THERMc 8h 15o 1
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     2.60283360E+01 3.38008935E-02-1.15432817E-05 1.79055184E-09-1.03828677E-13
                                                                                                                                                                                                                                                                                                                                                                      2
 -2.41091809E+04-1.03015456E+02 9.46388914E-01 8.94517478E-02-5.83527990E-05
                                                                                                                                                                                                                                                                                                                                                                      3
     1.96538809E-08-2.72995524E-12-1.50482662E+04 3.28291994E+01
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vinacrol
                                                 3/ 8/ 7 THERMC 5h
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     1.96694186E+01 9.47268019E-03-3.43345392E-06 5.54119499E-10-3.30290903E-14
                                                                                                                                                                                                                                                                                                                                                                      2.
 -1.21198582E + 04 - 7.96616315E + 01 - 1.49467174E + 00 6.32157577E - 02 - 5.57679330E - 05
                                                                                                                                                                                                                                                                                                                                                                      3
     2.37098997E-08-3.94697393E-12-5.31850599E+03 3.22824837E+01
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Mec8oor
                                                      7/9/ 7 THERMC
                                                                                                                              9h 15o
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     2.97125065E+01 3.57065597E-02-1.22803613E-05 1.91385849E-09-1.11340978E-13
                                                                                                                                                                                                                                                                                                                                                                      2
 -4.14867894E+04-1.17451902E+02 1.66225757E+00 9.95807618E-02-6.85032768E-05
                                                                                                                                                                                                                                                                                                                                                                      3
     2.48591631E-08-3.78775770E-12-3.14699606E+04 3.39686628E+01
                                                                                                                                                                                                                                                                                                                                                                      4
                                                9/4/ 8 THERGC 9h 15o 4
                                                                                                                                                                                       OG 300.000 5000.000 1000.000
Mec8oogi
                                                                                                                                                                                                                                                                                                                                                                  81
 -0.23168776E + 01 \quad 0.91679782E - 01 - 0.36904705E - 04 \quad 0.66328960E - 08 - 0.44437812E - 12 - 0.066328960E - 08 - 0.44437812E - 12 - 0.066328960E - 08 - 0.44437812E - 0.066328960E - 0.066428960E - 
                                                                                                                                                                                                                                                                                                                                                                      2
 -0.43966555E+05 0.68893707E+02-0.14003134E+01 0.12522805E+00-0.94845032E-04
                                                                                                                                                                                                                                                                                                                                                                      3
    0.29489923E-07 0.64414891E-13-0.48159820E+05 0.50238003E+02
                                                                                                                                                                                                                                                                                                                                                                      4
                                                 9/4/8 THERGC 9h 15o 4 0G 300.000 5000.000 1000.000
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Mec8oogr
 2
 -0.41358137E+05 \quad 0.68516571E+02-0.13489743E+00 \quad 0.12440786E+00-0.98816447E-04
                                                                                                                                                                                                                                                                                                                                                                      3
    0.35233459E - 07 - 0.20774292E - 11 - 0.45911262E + 05 \quad 0.44643814E + 02
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                                               9/4/ 8 THERGC 9h 150 6 0G 300.000 5000.000 1000.000
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     2.
 3
     0.37487915E-07-0.72585113E-12-0.60382277E+05 0.55117004E+02
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                                                    9/4/ 8 THERGC 9h 14o
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                                                                                                                                                                                            OG 300.000 5000.000 1000.000
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     3.80978925E+01 3.38878447E-02-1.18895339E-05 1.87770993E-09-1.10248978E-13
                                                                                                                                                                                                                                                                                                                                                                       2
 -9.30538929E + 04 - 1.55143022E + 02\ 1.31084640E + 00\ 1.23409101E - 01 - 9.71869180E - 05
                                                                                                                                                                                                                                                                                                                                                                       3
     3.97022795E-08-6.65296289E-12-8.05531482E+04 4.12992063E+01
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                                                                                                            c 5h 8o
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 -0.24373136E+01 \quad 0.51202632E-01-0.21667551E-04 \quad 0.40336059E-08-0.27706578E-12
 -0.37370984E + 05 \quad 0.51938530E + 02 \quad 0.23621762E + 01 \quad 0.54721203E - 01 - 0.36765450E - 04 \quad 0.54721203E - 01 - 0.54721203E - 01 - 0.54721203E - 0.54721202E - 0.54722E - 0.54722E - 0.54722E - 0.54722E - 0.55722E - 0.57
    0.97104857E-08 0.74680491E-12-0.40521121E+05 0.20666948E+02
                                                                                                            c 5h
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                                                                                                                                                                                                      G 0300.00
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     0.51536059E+00 0.41369535E-01-0.15779357E-04 0.27307743E-08-0.17814541E-12
 -0.20339604E+05 0.38679955E+02 0.27169209E+01 0.53290054E-01-0.44060904E-04
     0.19720455E-07-0.30373148E-11-0.22749828E+05 0.20743933E+02
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     2.
 -0.30982760e+05-0.24897940e+02 0.52899470e+01 0.11734300e-01 0.57115020e-04
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 -0.79192970e-07 0.31143350e-10-0.28349770e+05 0.64807050e+01
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     0.10937200e + 02 \ 0.27185350e - 01 - 0.99662410e - 05 \ 0.17682290e - 08 - 0.11985660e - 12000e + 00000e + 000000e + 00000e + 
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 -0.98058280 \\ e+04-0.31743770 \\ e+02 \\ 0.12745540 \\ e+01 \\ 0.43041050 \\ e-01-0.18687710 \\ e-05 \\ e
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-0.25785700e-07 0.13143540e-10-0.65343850e+04 0.20967770e+02
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            0.97319670e+01 0.28282620e-01-0.10345010e-04 0.18318230e-08-0.12399620e-12
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  -0.10264160 \\ e+05-0.25249020 \\ e+02 \quad 0.20328180 \\ e+01 \quad 0.34178470 \\ e-01 \quad 0.16926160 \\ e-04 \quad 0.20328180 \\ e+01 \quad 0.34178470 \\ e-01 \quad 0.341
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  -0.42233620e-07 0.18473590e-10-0.73064760e+04 0.18442470e+02
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            0.17509590e + 02 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.17623450e - 01 - 0.10689940e -
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  -0.18526110 \\ e+05-0.65233790 \\ e+02-0.16766370 \\ e+01 \\ 0.80957880 \\ e-01-0.47117420 \\ e-04 \\ e-04 \\ e-05-0.47117420 \\ e-04 \\ e-05-0.47117420 \\ e-04 \\ e-05-0.47117420 \\ e-05-0.4711740 
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           0.92824520e-08 0.87142420e-12-0.12717640e+05 0.35977700e+02
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            0.14836560e + 02 \ 0.38891260e - 01 - 0.14248940e - 04 \ 0.25286670e - 08 - 0.17147340e - 12 \\ 0.25286670e - 0.1714740e - 12 \\ 0.252866670e - 0.171460e - 12 \\ 0.252866666e - 0.171460e - 12 \\ 0.252866666e - 0.171460e - 12 \\ 0.25286666e - 0.171460e - 12 \\ 0.2528666e - 0.171460e - 0.171460e - 12 \\ 0.2528666e - 0.171460e - 0.1
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  -0.18940380e + 05 - 0.50818010e + 02 - 0.98176050e + 00 \\ 0.71037990e - 01 - 0.20175950e - 04 \\ -0.18940380e + 05 - 0.50818010e + 02 - 0.98176050e + 00 \\ -0.18940380e + 05 - 0.50818010e + 02 - 0.98176050e + 00 \\ -0.18940380e + 05 - 0.50818010e + 02 - 0.98176050e + 00 \\ -0.18940380e + 05 - 0.50818010e + 02 - 0.98176050e + 00 \\ -0.18940380e + 00 - 0.00818010e + 00 \\ -0.18940380e + 0.00818010e + 0.00818010e
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  -0.22161750e - 07 \ 0.14117540e - 10 - 0.13904940e + 05 \ 0.33925750e + 02
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            0.19716140e+02 0.30113840e-01-0.92675500e-05 0.13780170e-08-0.80915040e-13
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  -0.20157720 \\ e+05-0.80672900 \\ e+02-0.21737130 \\ e+01 \\ 0.79781460 \\ e-01-0.44949610 \\ e-04-0.21737130 \\ e+01 \\ 0.79781460 \\ e+
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           0.85210090e-08 0.66753800e-12-0.13143090e+05 0.36142160e+02
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            0.16257090e+02 0.38236060e-01-0.14522610e-04 0.26230830e-08-0.17964670e-12
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   -0.30516100e-07 0.18314940e-10-0.11506530e+05 0.37427180e+02
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            0.16309240e+02 0.39905120e-01-0.14618690e-04 0.25943000e-08-0.17590180e-12
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  -0.10766490 \\ e+05-0.55890620 \\ e+02-0.13236110 \\ e+00 \\ 0.73926810 \\ e-01-0.22675040 \\ e-04
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  -0.21039570e-07 0.13934230e-10-0.55638350e+04 0.32040860e+02
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            0.20911010e+02 0.43678940e-01-0.16540700e-04 0.29850600e-08-0.20441870e-12
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  -0.13048670e + 05 - 0.83243700e + 02 - 0.34957080e + 01 \quad 0.10263880e + 00 - 0.53734120e - 04 \\ -0.13048670e + 05 - 0.83243700e + 02 - 0.34957080e + 01 \\ -0.13048670e + 05 - 0.83243700e + 02 - 0.34957080e + 01 \\ -0.13048670e + 05 - 0.83243700e + 02 - 0.34957080e + 01 \\ -0.10263880e + 00 - 0.53734120e - 04 \\ -0.10263880e + 0.0006860e + 0.0006860e + 0.000660e + 0.000
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  -0.60968670e-08 0.11517760e-10-0.57980340e+04 0.45085500e+02
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           0.15030950e + 02 \ 0.36774070e - 01 - 0.13626750e - 04 \ 0.24287890e - 08 - 0.16502960e - 12 - 0.16502960e - 0.165029600e - 0.16502960e - 0.165029600e - 0.16502960e - 0.16502960e - 0.16502960e - 0.16502960e - 0
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  -0.60348940 \\ e+04-0.52631880 \\ e+02 \quad 0.40751940 \\ e+01 \quad 0.46120910 \\ e-01 \quad 0.22532960 \\ e-04 \quad 0.40751940 \\ e+01 \quad 0.46120910 \\ e+01 \quad 0.461
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  -0.57741870e-07 0.25454840e-10-0.18870980e+04 0.92730470e+01
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           0.40527920e + 01 \quad 0.27875960e - 01 - 0.96009000e - 05 \quad 0.15472700e - 08 - 0.96096580e - 13 - 0.96096580e - 10.96096660e - 0.96096660e - 0.9609660e - 0.96096660e - 0.9609660e - 0.960960e - 0.9609660e - 0.9609660e - 0.9609660e - 0.9609660e - 0.960960e - 0.9609660e - 0.9609660e - 0.9609660e - 0.9609660e - 0.960960e - 0.9609660e - 0.9609660e - 0.9609660e - 0.9609660e - 0.960960e - 0.9609660e - 0.9609660e - 0.9609660e - 0.9609660e - 0.960960e - 0.96
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  -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \quad 0.51536370e - 01 - 0.40853490e - 04 \\ -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \\ -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \\ -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \\ -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \\ -0.10140100e + 05 \quad 0.98522260e + 01 - 0.15898810e + 01 \\ -0.10140100e + 0.00160e + 0.00
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           0.17683930e-07-0.30057420e-11-0.93623300e+04 0.36144840e+02
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            0.11081470e + 02 \quad 0.24562060e - 01 - 0.89195490e - 05 \quad 0.15769500e - 08 - 0.10672820e - 12 \\ 0.1081470e + 02 \quad 0.24562060e - 01 - 0.89195490e - 05 \\ 0.15769500e - 08 - 0.10672820e - 12 \\ 0.15769500e - 0.10672820e - 12 \\ 0.15769600e - 0.10672820e - 12 \\ 0.157696000e - 0.10672820e - 12 \\ 0.15769600e - 0.10672820e - 12 \\ 0.157696000e - 0.10672820e - 12 \\ 0.157696000e - 0.10672820e - 12 \\ 0.157696000e - 0.10672820e - 1
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            0.67510090e + 04 - 0.33052090e + 02 \quad 0.46992280e + 00 \quad 0.48974820e - 01 - 0.21876810e - 04 \quad 0.48974820e - 0.21876810e - 0.2187686810e - 0.2187686810e - 0.2187686810e - 0.2187686810e
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  -0.52841100e-08 0.59103880e-11 0.99871140e+04 0.23098530e+02
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            0.10958480e+02 0.24627890e-01-0.89067730e-05 0.15715180e-08-0.10622250e-12
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            0.68037210e + 04 - 0.32528290e + 02 \quad 0.62891630e + 00 \quad 0.48140260e - 01 - 0.20775400e - 048140260e - 048140060e - 0481400060e - 0481400060e - 04814000060e - 0481400060e - 04814000060e - 0481400000060e - 0481400000
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  -0.58691480e-08 0.60202500e-11 0.99681790e+04 0.22196320e+02
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            0.13641870e + 02 \quad 0.27242350e - 01 - 0.10431190e - 04 \quad 0.18926440e - 08 - 0.12999740e - 128999740e - 128999740e - 12999740e - 1299960e - 1299
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  -0.16578470 \\ e+04-0.49349100 \\ e+02-0.21047980 \\ e+01 \\ 0.64296010 \\ e-01-0.31086860 \\ e-04
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  -0.77762360e-08 0.88875570e-11 0.30609290e+04 0.33667770e+02
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            0.17675750e + 02 0.38879810e - 01 - 0.14618620e - 04 0.26282110e - 08 - 0.17957150e - 12
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  -0.10976990e + 05 - 0.66005280e + 02 - 0.18460080e + 01 0.82685160e - 01 - 0.34095980e - 04
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  -0.15461190e-07 0.13103600e-10-0.49997280e+04 0.37488590e+02
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            0.20121340e + 02 0.44393860e - 01 - 0.16650870e - 04 0.29903070e - 08 - 0.20419360e - 12
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  -0.15279840e + 05 - 0.78712150e + 02 - 0.28574670e + 01 \\ 0.98399490e - 01 - 0.47300220e - 04 \\ -0.15279840e + 05 - 0.78712150e + 02 - 0.28574670e + 01 \\ -0.15279840e + 05 - 0.78712150e + 02 - 0.28574670e + 01 \\ -0.15279840e + 05 - 0.78712150e + 02 - 0.28574670e + 01 \\ -0.15279840e + 05 - 0.47300220e + 02 - 0.28574670e + 01 \\ -0.15279840e + 02 - 0.28574670e + 02 - 0.28574670e + 02 \\ -0.15279840e + 02 - 0.28574670e + 02 - 0.28574670e
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  -0.99414050e-08 0.12350040e-10-0.83653100e+04 0.42510860e+02
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            0.21298230e+02 0.25341790e-01-0.70485730e-05 0.97790260e-09-0.54937080e-13
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  -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ 0.86027340e - 01 - 0.60368850e - 04 \\ -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ -0.50120330e + 04 - 0.89060900e + 02 - 0.33426200e + 01 \\ -0.5012030e + 0.00060e + 0.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3
            0.21235340e-07-0.30397390e-11 0.25920670e+04 0.41120380e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4
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8h 170
                                                                                                                                                                                                                                                                                        00
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                                                                                                                                                                                                                                                                                                                                                                  300.00 5000.00 1000.00
bddtmpe2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
                                                                                                                                                                                C
        0.20346140e + 02 0.44311420e - 01 - 0.16669400e - 04 0.29974010e - 08 - 0.20481060e - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 -0.16539970e + 05 - 0.79685470e + 02 - 0.15091900e + 01 \\ 0.92175710e - 01 - 0.34775580e - 04 \\ -0.16539970e + 05 - 0.79685470e + 02 - 0.15091900e + 01 \\ -0.92175710e - 01 - 0.34775580e - 04 \\ -0.92175710e - 0.92175710e - 0.000060e - 0.000060e - 0.000060e - 0.000060e - 0.00060e - 0.00060
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.21238850e-07 0.16128660e-10-0.97890160e+04 0.36469990e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                               c 8h 170 00 0G 300.00
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bddtmpe1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         0.20911050e + 02 \ 0.43678900e - 01 - 0.16540740e - 04 \ 0.29850780e - 08 - 0.20439780e - 120439780e - 1204097860e - 12040960e - 12040960e - 12040960e - 12040960e - 1204096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.13551910e + 05 - 0.83646540e + 02 - 0.34973340e + 01 \\ 0.10265100e + 00 - 0.53765970e - 04 \\ -0.10265100e + 00 - 0.53765990e - 04 \\ -0.10265100e + 00 - 0.53766990e - 04 \\ -0.10265100e + 00 - 0.53766990e - 04 \\ -0.10265100e + 00 - 0.5376690e - 04 \\ -0.10265100e + 00 - 0.5376690e - 04 \\ -0.10265100e + 0.0000e - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.60620390 \\ e-08 \quad 0.11504220 \\ e-10-0.63010960 \\ e+04 \quad 0.44689680 \\ e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                             c 7h 130 00 0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                          5000.00 1000.00
bddm1pe3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         2
 -0.32202370 \\ e+04-0.59488400 \\ e+02-0.29851360 \\ e+01 \\ 0.88874500 \\ e-01-0.64136170 \\ e-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.18769960e-07 0.35035780e-12 0.22655250e+04 0.41538190e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                              c 7h 13o 00 0G 300.00
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bddm2pe3
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         2
         0.88809840e + 04 - 0.66954060e + 02 - 0.13693530e + 01 \quad 0.84053900e - 01 - 0.66125900e - 04 \\ 0.88809840e + 04 - 0.66954060e + 02 - 0.13693530e + 01 \quad 0.84053900e - 01 - 0.66125900e - 04 \\ 0.88809840e + 04 - 0.66954060e + 02 - 0.13693530e + 01 \quad 0.84053900e - 01 - 0.66125900e - 04 \\ 0.88809840e + 0.88809640e + 0.88800640e + 0.8880064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
         0.31460980e-07-0.71377340e-11 0.14604890e+05 0.35031520e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
 dddm2pe2
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         0.20219290e + 02 \ 0.25323120e - 01 - 0.68809740e - 05 \ 0.93718270e - 09 - 0.51914210e - 13 \\ 0.20219290e + 02 \ 0.25323120e - 01 - 0.68809740e - 05 \ 0.93718270e - 09 - 0.51914210e - 13 \\ 0.20219290e + 02 \ 0.25323120e - 01 - 0.68809740e - 05 \ 0.93718270e - 09 - 0.51914210e - 13 \\ 0.20219290e + 02 \ 0.25323120e - 01 - 0.68809740e - 05 \ 0.93718270e - 09 - 0.51914210e - 13 \\ 0.20219290e + 0.20219290e + 0.20219290e - 0.00219290e - 0.002190e - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
         0.82498500 \\ e+04-0.81165020 \\ e+02-0.13731680 \\ e+01 \\ 0.75941230 \\ e-01-0.48263900 \\ e-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
         0.15191090e-07-0.19360650e-11 0.15140920e+05 0.33783480e+02
dm2my1pe
                                                                                                                                                                                c 7h 130 00 0G
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         2.
 -0.41986050e + 03 - 0.60169250e + 02 - 0.36190570e + 01 \\ 0.93028600e - 01 - 0.73145190e - 04 \\ -0.41986050e + 03 - 0.60169250e + 02 - 0.36190570e + 01 \\ -0.93028600e - 01 - 0.73145190e - 04 \\ -0.93028600e - 0.931460e - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.27139350e-07-0.24877000e-11 0.51522180e+04 0.43991740e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
 dddm1pe3
                                                                                                                                                                               c 7h 130 00
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         0.17785390e + 02 \ 0.34560070e - 01 - 0.13182020e - 04 \ 0.23877390e - 08 - 0.16385020e - 12 \ 0.23877390e - 0.0000e - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.29401520e + 04 - 0.69454340e + 02 - 0.30424400e + 01 \\ 0.86752710e - 01 - 0.50612260e - 04 \\ -0.29401520e + 04 - 0.69454340e + 02 - 0.30424400e + 01 \\ -0.86752710e - 01 - 0.50612260e - 04 \\ -0.86752710e - 0.50612260e - 0.5061260e - 0.5061260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.58563310e-09 0.77036780e-11 0.31451350e+04 0.39575530e+02
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                                                                                                                                                                                c 7h 13o 00
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bddm2pe1
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        2.
 -0.48411460e + 04 - 0.71880680e + 02 - 0.16607960e + 01 \\ 0.82436520e - 01 - 0.54045480e - 04 \\ -0.48411460e + 04 - 0.71880680e + 02 - 0.16607960e + 01 \\ -0.82436520e - 01 - 0.54045480e - 04 \\ -0.824366520e - 01 - 0.54045480e - 04 \\ -0.824366520e - 01 - 0.54046480e - 04 \\ -0.824366660e - 0.00046660e - 0.00046660e - 0.00046660e - 0.00046660e - 0.0004660e - 0.0004660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
        0.17091320e-07-0.19931760e-11 \ 0.13459910e+04 \ 0.35712450e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                                c 7h 13o 00
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 dddm1pe2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1
         0.20740200e + 02 \ 0.26245680e - 01 - 0.74053560e - 05 \ 0.10352940e - 08 - 0.58313900e - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
         0.92118540 \\ e+04-0.83729350 \\ e+02-0.26282780 \\ e+01 \\ 0.85259010 \\ e-01-0.59217170 \\ e-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
         0.19251370 \\ e-07-0.20958000 \\ e-11 \\ 0.16197750 \\ e+05 \\ 0.39024320 \\ e+02 \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4
                                                                                                                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                c 7h 14o
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                                                                                                                                                                                                                                                                                                                         0G 300.00
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        0.25000000e+01 \ 0.00000000e+00 \ 0.00000000e+00 \ 0.00000000e+00 \ 0.00000000e+00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 3
        0.00000000e+00 \ 0.00000000e+00-0.74540000e+03 \ 0.43660000e+01
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                                                                                                                                                                                С
                                                                                                                                                                                                    6h 110
                                                                                                                                                                                                                                                                                 00
                                                                                                                                                                                                                                                                                                                   0G 300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
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         0.13336770e+02 0.30356710e-01-0.11190900e-04 0.19917310e-08-0.13529090e-12
         0.42955280e + 03 - 0.43127740e + 02 \quad 0.13644400e + 01 \quad 0.52697560e - 01 - 0.93923390e - 05 \quad 0.42955280e + 03 - 0.43127740e + 02 \quad 0.13644400e + 01 \quad 0.52697560e - 01 - 0.93923390e - 05 \quad 0.42955280e + 0.4295280e + 0.4296260e + 0.429660e + 0.429660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
 -0.23485240e-07 0.13174620e-10 0.43392120e+04 0.21498940e+02
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                                                                                                                                                                                                    7h 14o
                                                                                                                                                                                                                                                                                  00
                                                                                                                                                                                                                                                                                                                    0G 300.00
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                                                                                                                                                                                 С
         0.17509590e + 02 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.34486190e - 01 - 0.11316090e - 04 \ 0.17623450e - 08 - 0.10689940e - 12 \ 0.17623450e - 01 - 0.10689940e - 12 \ 0.17623450e - 01 - 0.10689940e - 12 \ 0.17623450e - 01 - 0.10689940e - 0.10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2
 -0.18526110 \\ e+05-0.65233790 \\ e+02-0.16766370 \\ e+01 \\ 0.80957880 \\ e-01-0.47117420 \\ e-0400 \\ e-0
        0.92824520e-08 0.87142420e-12-0.12717640e+05 0.35977700e+02
                                                                                                                                                                                                                                                                                                                          0G
                                                                                                                                                                                 С
                                                                                                                                                                                                    4h
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                                                                                                                                                                                                                                                                                                                                                                  300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
         0.11236290E+02 0.22227950E-01-0.85810350E-05 0.15630450E-08-0.10758900E-12
 -0.21367730E + 05 - 0.35455990E + 02 - 0.15911200E + 01 \quad 0.50798940E - 01 - 0.20149310E - 04 + 05 - 0.20149310E - - 0.2014940E - 0.2014940E
 -0.12146500E-07 0.94266570E-11-0.17449170E+05 0.32552090E+02
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                                                                                                                                                                                C
         9.36897209E+00 1.22997793E-02-4.12628159E-06 6.32381255E-10-3.63615838E-14
 -6.17202097E+03-2.23749809E+01 1.21848187E+00 2.93457259E-02-1.67440015E-05
         4.37355537E-09-3.61335278E-13-3.16882010E+03 2.20602429E+01
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                                                                                                                                                                                 C.
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         0.38156020E+01 0.37071840E-01-0.17932810E-04 0.36718360E-08-0.27030160E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2.
 3
        0.20434690E-08 0.61431930E-12-0.15231460E+05 0.26670690E+02
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                                                                                                                                                                                                                                                   7o 1
 c4h7o
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-0.13085730E + 02 0.58325150E - 01 - 0.25254530E - 04 0.47775550E - 08 - 0.33194150E - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
      0.11295830E + 05 \quad 0.10417030E + 03 - 0.36958640E + 01 \quad 0.64157820E - 01 - 0.57505160E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      0.23262420E-07-0.18917710E-11 0.54305790E+04 0.43828400E+02
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                                                                                                                                                                 8h 18o
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                                                                                                                                          C
       0.19396317E + 02 \quad 0.48813742E - 01 - 0.15579804E - 04 \quad 0.21783064E - 08 - 0.10839138E - 12 - 0.00839138E - 0.0083918E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.37133922E + 05 - 0.78853134E + 02 \quad 0.42935711E + 00 \quad 0.76576948E - 01 \quad 0.84130588E - 05 \quad 0.84130588E - 0.984130588E - 0.98413058E - 0.9841205E - 0.98412
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
 -0.58660319E-07 0.27941371E-10-0.30446438E+05 0.25673538E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          4
                                                                                                                                                                 8h 16o
 i2c8h16
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       \texttt{0.21545710E+02} \ \ \texttt{0.36051430E-01-0.11269630E-04} \ \ \texttt{0.16953140E-08-0.10038990E-12} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.23287760E + 05 - 0.89197200E + 02 - 0.43880060E + 01 \\ 0.97693000E - 01 - 0.57964900E - 04 \\ -0.23287760E + 05 - 0.89197200E + 02 \\ -0.43880060E + 01 \\ -0.97693000E - 01 - 0.57964900E - 04 \\ -0.23287760E + 05 - 0.89197200E + 02 \\ -0.43880060E + 01 \\ -0.97693000E - 01 - 0.57964900E - 04 \\ -0.23287760E + 05 - 0.89197200E + 02 \\ -0.23287760E + 05 - 0.89197200E + 02 \\ -0.23287760E + 00 \\ -0.2328760E + 00 \\ -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      0.11578220E - 07 \quad 0.98797420E - 12 - 0.15298140E + 05 \quad 0.48086220E + 02
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                                                                                                                                                                 8h 16o
 i1c8h16
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       0.22560830E+02 0.36539260E-01-0.11728560E-04 0.17981240E-08-0.10788760E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
 -0.24413260E + 05 - 0.94340900E + 02 - 0.42815920E + 01 \\ 0.10405490E + 00 - 0.66413430E - 04 \\ 0.10405490E + 00 - 0.66413440E - 04 \\ 0.10405490E + 0.064140E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      0.14796950E-07 0.88810260E-12-0.16549240E+05 0.46324900E+02
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 ic8h15
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       0.19260140E+02 0.41975087E-01-0.16131085E-04 0.28206287E-08-0.18473902E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
  -0.79551900E+04-0.76828269E+02-0.47166007E+01 0.11481699E+00-0.11127083E-03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      0.70481372E-07-0.21570900E-10-0.13241062E+04 0.46318118E+02
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                                                                                                                                                                 7h 15
pc7h15
                                                                2/4/95
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       2.33667406e+01 3.07319555e-02-1.03508107e-05 1.59137519e-09-9.17310563e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
 3
       1.77635552e - 08 - 2.12899352e - 12 - 4.67937082e + 03 3.86153466e + 01
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bddm1pe1
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       0.19148490E+02 0.28264910E-01-0.81935110E-05 0.11670350E-08-0.66525990E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2
       0.86318360E + 04 - 0.72511340E + 02 - 0.19243780E + 01 0.83955740E - 01 - 0.62288250E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
       0.24930360E-07-0.43572580E-11 0.14808190E+05 0.37563030E+02
                                        Thergas 03/11/09 c
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hxol
      0.21549862E+02 0.27047789E-01-0.79487772E-05 0.11457996E-08-0.65984199E-13
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 3
      0.35433736E-08 \ 0.12713889E-11-0.41525320E+05 \ 0.29047613E+02
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hxollj Thergas 03/11/09 c 6h 130
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       \texttt{0.22482292E+02 0.22063365E-01-0.56083791E-05 0.72612771E-09-0.38781407E-13} \\
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 3
      0.25572145E - 07 - 0.61214796E - 11 - 0.20081686E + 05 \quad 0.30288425E + 02
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hxol2j Thergas 03/11/09 c 6h 13o
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      2.
 -0.25245844E + 05 - 0.86885750E + 02 - 0.37227985E + 00 \quad 0.81834011E - 01 - 0.71817303E - 04 - 0.81834011E - 01 - 0.81834011E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3
      0.41214200E - 07 - 0.11262219E - 10 - 0.18015404E + 05 \quad 0.34805832E + 02
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hxol3j Thergas 03/11/09 c 6h 13o
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 -0.25245844E + 05 - 0.86885750E + 02 - 0.37227985E + 00 \quad 0.81834011E - 01 - 0.71817303E - 04 - 0.81834011E - 01 - 0.81834011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.81
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      0.41214200E-07-0.11262219E-10-0.18015404E+05 0.34805832E+02
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hxol4j Thergas 03/11/09 c 6h 13o
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 -0.25245844E + 05 - 0.86885750E + 02 - 0.37227985E + 00 \quad 0.81834011E - 01 - 0.71817303E - 04 - 0.81834011E - 01 - 0.81834011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.8184011E - 0.81
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      0.41214200E-07-0.11262219E-10-0.18015404E+05 0.34805832E+02
hxol5j Thergas 03/11/09 c 6h 13o
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       0.22492071E+02 0.22073401E-01-0.56212157E-05 0.72989143E-09-0.39119343E-13
 0.25326466E-07-0.59960995E-11-0.18121377E+05 0.30276426E+02
hxol6; Thergas 03/11/09 c
                                                                                                                                                                 6h 13o
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       0.23049522E+02 0.21657450E-01-0.55017586E-05 0.71414652E-09-0.38325117E-13
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 -0.24313062E + 05 - 0.89126678E + 02 - 0.20873120E + 00 \quad 0.79732887E - 01 - 0.64122985E - 04 - 0.008887E - 01 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.0088888 - 0.008888 - 0.0088888 - 0.0088888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.008888 - 0.00
      0.32753871E-07-0.82667146E-11-0.16916375E+05 0.34148010E+02
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hxol2e Thergas 03/11/09 c
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      0.10397997E + 02 \quad 0.39846901E - 01 - 0.14274876E - 04 \quad 0.23635549E - 08 - 0.14948219E - 12 - 0.14948219E - 0.14948219E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2.
 -0.29250982E + 05 - 0.21542839E + 02 - 0.11827134E + 01 \\ 0.73759466E - 01 - 0.45363660E - 04 \\ -0.29250982E + 05 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 05 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 05 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 05 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 02 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 02 - 0.21542839E + 02 - 0.11827134E + 01 \\ -0.29250982E + 0.20250982E + 0.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3
       0.10203822E-07 0.73838966E-12-0.26401270E+05 0.37250317E+02
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hxol3e Thergas 03/11/09 c
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0.15118786E+02 0.31917442E-01-0.10543899E-04 0.16495968E-08-0.10035839E-12
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 -0.31849930E + 05 - 0.47401726E + 02 - 0.21422224E + 00 \\ 0.68753004E - 01 - 0.37878108E - 04 \\ -0.2142224E + 00 \\ -0.214224E + 00 \\ -0.21424E + 0
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       0.60431566E-08 0.13189322E-11-0.27205549E+05 0.33527149E+02
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hxol4e Thergas 03/11/09 c
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       0..15188276E + 02 \quad 0..31713743E - 01 - 0..10434519E - 04 \quad 0..16269369E - 08 - 0..98697431E - 13 - 0..08697431E - 0..0869742E -
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 3
      0.48816853E-08 0.11490458E-11-0.27369338E+05 0.27869856E+02
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hxol5e Thergas 03/11/09 c
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       2
 -0.30472693E + 05 - 0.48384148E + 02 - 0.13616599E + 00 \\ 0.70017464E - 01 - 0.40811883E - 04 \\ -0.1048411883E - 04 \\ -0.104841884148E + 02 - 0.13616599E + 00 \\ -0.1048411883E - 04 \\ -0.10484118841188 - 04 \\ -0.104841188418 - 04 \\ -0.104841188 - 04 \\ -0.104841188 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.10484118 - 04 \\ -0.1048411
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      0.85349283E-08 0.53936781E-12-0.25836010E+05 0.33344719E+02
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hxol4e6j Therg 03/11/09 c 6h 11o
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       0.17124643E + 02 \quad 0.26219647E - 01 - 0.77467594E - 05 \quad 0.11183324E - 08 - 0.64325105E - 13 - 0.064325105E - 10.064325105E - 10.064525105E - 10.064525105E - 10.064325105E - 10.064525105E - 10.06452505E - 10.06452505E - 10.06452505E - 10.06452505E - 10.06552505E - 10.06552505E - 10.06552505E - 10.06552505E - 10.06552505E -
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 3
       0.21396145E-07-0.39044848E-11-0.11609947E+05 0.33812244E+02
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hxol3e5j Therg 03/11/09 c
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       0.15830283E+02 0.27551135E-01-0.82511406E-05 0.12043312E-08-0.69882536E-13
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 -0.16593891E + 05 - 0.51024460E + 02 \quad 0.12293350E + 01 \quad 0.59530564E - 01 - 0.26272312E - 04 \quad 0.59530564E - 01 - 0.26272312E - 0.59530564E - 0.5953064E - 0.5955064E - 0.595506
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  -0.15932861E-08 0.33728491E-11-0.11964743E+05 0.26938328E+02
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hxol2e4j Therg 03/11/09 c
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       0.11701837E+02 0.34147222E-01-0.11164345E-04 0.17350765E-08-0.10513692E-12
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 3
       0.21130846E-07-0.35283337E-11-0.11061903E+05 0.34935806E+02
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hxol5e1; Therq 03/11/09 c
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      0.16914904E+02 0.25496118E-01-0.73425654E-05 0.10412980E-08-0.59204079E-13
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 -0.90876328 \pm +04 -0.54155273 \pm +02 \quad 0.15217836 \pm -01 \quad 0.72741203 \pm -01 -0.57761365 \pm -04
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       0.26488088E-07-0.54207507E-11-0.42936123E+04 0.33406052E+02
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hxol4elj Therg 03/11/09 c 6h 11o
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      0.16579920E+02 0.25737891E-01-0.74313880E-05 0.10582750E-08-0.60470827E-13
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 -0.10400832E + 05 - 0.52725304E + 02 \quad 0.10205320E + 01 \quad 0.67951180E - 01 - 0.52398522E - 04 \quad 0.67951180E - 01 - 0.52398522E - 0.67951180E - 0
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      0.24836664E-07-0.55116124E-11-0.58134136E+04 0.28462067E+02
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hxol3elj Therg 03/11/09 c 6h 11o
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       \texttt{0.16529938E+02} \ \ \texttt{0.25897969E-01-0.75105518E-05} \ \ \texttt{0.10735526E-08-0.61531950E-13} 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 3
      {\tt 0.27918370E-07-0.60287361E-11-0.56379604E+04~0.34586117E+02}
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hxol2e1j Therg 03/11/09 c
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      0.11493970E + 02 \quad 0.34609947E - 01 - 0.11377281E - 04 \quad 0.17730502E - 08 - 0.10753859E - 12 - 0.10753859E - 0.1075589E - 0.107589E - 0.107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -0.14626345E + 05 - 0.27120201E + 02 \quad 0.48268950E + 00 \quad 0.63008390E - 01 - 0.30343514E - 04 \quad 0.63008390E - 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.0000E - 0.000E - 0.0
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 -0.63753286E-09 0.38757634E-11-0.11686224E+05 0.29835403E+02
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 pelol5j Therg 03/11/09 c
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      2.
 -0.18076738E + 05 - 0.48414993E + 02 - 0.11079471E + 01 \\ 0.73276661E - 01 - 0.64255262E - 04 \\ -0.18076738E + 05 - 0.48414993E + 02 - 0.11079471E + 01 \\ -0.73276661E - 01 - 0.64255262E - 04 \\ -0.18076738E + 05 - 0.48414993E + 02 - 0.11079471E + 01 \\ -0.73276661E - 01 - 0.64255262E - 04 \\ -0.18076738E + 05 - 0.48414993E + 02 - 0.11079471E + 01 \\ -0.73276661E - 01 - 0.64255262E - 04 \\ -0.18076738E + 0.01076748E + 0.0107648E + 0.0
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      0.33888707E-07-0.80548380E-11-0.13551692E+05 0.36255951E+02
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pelol4j Therg 03/11/09 c
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       0.14756149E+02 0.24987673E-01-0.72130706E-05 0.10253682E-08-0.58430488E-13
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 -0.18950959E + 05 - 0.44809120E + 02 - 0.27348325E + 00 \quad 0.68296932E - 01 - 0.56090990E - 04 - 0.068296932E - 01 - 0.068296932E - 0.06829692E - 0.0682962E - 0.06829692E - 0.06829692E - 0.06829692E -
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       0.27851849E-07-0.62716160E-11-0.14747299E+05 0.32752747E+02
pelol3j Therg 03/11/09 c
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       0.15013535E+02 0.24494518E-01-0.69864946E-05 0.98264819E-09-0.55483091E-13
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 -0.19005680E + 05 - 0.46136955E + 02 - 0.13700784E + 01 \quad 0.76053075E - 01 - 0.73552161E - 04 - 0.19005680E + 0.1900680E 
       0.43931248E-07-0.11604937E-10-0.14640048E+05 0.37332481E+02
pelol2; Therq 03/11/09 c
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                                                                                                                                                                                                                                                                              G 0300.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
                                                                                                                                                                                                                                          1
       0.15013535E+02 0.24494518E-01-0.69864946E-05 0.98264819E-09-0.55483091E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
 0.43931248E-07-0.11604937E-10-0.14640048E+05 0.37332481E+02
                                                                                                                                                                           5h 11o
pelollj Therq 03/11/09 c
                                                                                                                                                                                                                                         1
                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
       0.14729630E+02 0.25007633E-01-0.72179041E-05 0.10257457E-08-0.58428692E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
 -0.20907445E + 05 - 0.44668419E + 02 - 0.27319008E + 00 \\ 0.68258852E - 01 - 0.56202585E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
       0.28132858E-07-0.64135511E-11-0.16707760E+05 0.32761597E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4
b101
                                                                                                                                                                             4h 10o
                                                                                                                                                                                                                                         1
                                                                                                                                                                                                                                                                             G 0300.00
                                                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1
                                                                                                                                                    C
        \texttt{0.91435995E+01 0.28595477E-01-0.98282644E-05 0.15803877E-08-0.97937724E-13} \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
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-0.37849437E+05-0.18465485E+02 0.44218194E+00 0.48805356E-01-0.19473842E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
 -0.52574882E-08 0.48700098E-11-0.35321887E+05 0.27291992E+02
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
 c4h9o
                                                                                                                                                                4h
                                                                                                                                                                                   90
                                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                         C
                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       0.12659067E + 02 0.20147424E - 01 - 0.57643465E - 05 0.81346246E - 09 - 0.46084749E - 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
 -0.13337262E + 05 - 0.39007462E + 02 - 0.12030852E + 01 \\ 0.55087917E - 01 - 0.36066704E - 04 \\ -0.12030852E + 01 \\ -0.12030
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.10500250E-07-0.50728779E-12-0.91740264E+04 0.33845951E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blol4j Thergas 03/11/09 c 4h 9o 1
                                                                                                                                                                                                                                      G 0300.00
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       2
 -0.14208223E + 05 - 0.34560707E + 02 - 0.10491301E + 01 \\ 0.62428992E - 01 - 0.59454713E - 04 \\ -0.14208223E + 05 - 0.34560707E + 02 - 0.10491301E + 01 \\ -0.14208223E + 05 - 0.34560707E + 02 - 0.10491301E + 01 \\ -0.14208223E + 05 - 0.34560707E + 02 - 0.10491301E + 01 \\ -0.14208223E + 05 - 0.034560707E + 02 - 0.10491301E + 01 \\ -0.14208223E + 00 - 0.034560707E + 02 - 0.10491301E + 01 \\ -0.14208223E + 00 - 0.034560707E + 00 - 0.0345607E + 00 - 0.0345607E + 00 - 0.0345607E + 0.0346607E +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
       0.34418985E-07-0.87994334E-11-0.10640951E+05 0.34223316E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blol3j Thergas 03/11/09 c 4h 9o 1
                                                                                                                                                                                                                                                                                                                           5000.00 1000.00
                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       0.11918427E + 02 \quad 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 01 - 0.57684483E - 05 \quad 0.80687518E - 09 - 0.45390876E - 13 \\ 0.20381136E - 0.20381136E - 0.20381186E - 0.2038184483E - 0.2038186E - 0.20386E - 0.2038186E - 0.2038186E - 0.203886E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -0.15110049E + 05 - 0.31336449E + 02 - 0.15175551E + 00 \quad 0.57011314E - 01 - 0.50234386E - 04 + 0.00234386E - 0.0023426E - 0.002426E - 0.002426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.27324253E-07-0.66406494E-11-0.11843269E+05 0.30453905E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blol2j Thergas 03/11/09 c 4h 9o 1
                                                                                                                                                                                                                                           G 0300.00
                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       2
  -0.15137590E+05-0.32283615E+02-0.11773223E+01 0.64278319E-01-0.66529508E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
       0.42248292E-07-0.11567832E-10-0.11743666E+05 0.34732357E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blollj Thergas 03/11/09 c 4h 90
                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                    G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       0.11845606E+02 0.20483272E-01-0.58214596E-05 0.81863988E-09-0.46324520E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -0.17048014E + 05 - 0.30937805E + 02 - 0.95986515E - 01 \\ 0.56591619E - 01 - 0.49437302E - 04 \\ -0.17048014E + 05 - 0.30937805E + 02 - 0.95986515E - 01 \\ -0.56591619E - 01 - 0.49437302E - 04 \\ -0.17048014E + 05 - 0.30937805E + 02 - 0.95986515E - 01 \\ -0.56591619E - 01 - 0.49437302E - 04 \\ -0.56591619E - 01 - 0.49437302E - 0.00002E - 0.000002E - 0.00002E - 0.000002E - 0.00002E - 0.0000
      0.26705953E-07-0.64668115E-11-0.13809711E+05 0.30227381E+02
 c4h7oh
                                                                                                                                                               4h
                                                                                                                                                                                          80
                                                                                                                                                                                                                        1
                                                                                                                                                                                                                                                        G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                        C
       0.86316795E+01 0.24115048E-01-0.83295718E-05 0.13443313E-08-0.83534030E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -0.23077914E+05-0.16301521E+02 0.17386409E+01 0.36984906E-01-0.68029703E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
 -0.12864734E-07 0.66265257E-11-0.20918418E+05 0.20739588E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
 ch2ch2ch2oh Therq3/11/9 c 3h
                                                                                                                                                                                   70
                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
      2
 -0.11820730E + 05 - 0.35756184E + 02 - 0.26071241E - 01 \\ 0.46428688E - 01 - 0.46454734E - 04 \\ -0.11820730E + 05 - 0.35756184E + 02 - 0.26071241E - 01 \\ -0.46428688E - 01 - 0.46454734E - 04 \\ -0.4642868E - 01 - 0.46454734E - 04 \\ -0.4642868E - 01 - 0.46454734E - 04 \\ -0.4642868E - 01 - 0.4645474E - 04 \\ -0.4642868E - 0.46454E - 0.46454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.29897912E-07-0.85597475E-11-0.81480063E+04 0.28221712E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
pelol4e Thergas 3/11/09 c 5h 10o 1
                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
      0.12605708E + 02 \quad 0.27008209E - 01 - 0.89857531E - 05 \quad 0.14118086E - 08 - 0.86084013E - 13 \\ 0.12605708E + 02 \quad 0.27008209E - 01 - 0.89857531E - 05 \quad 0.14118086E - 08 - 0.86084013E - 13 \\ 0.12605708E + 0.27008209E - 01 - 0.89857531E - 05 \quad 0.14118086E - 08 - 0.86084013E - 13 \\ 0.12605708E + 0.27008209E - 01 - 0.89857531E - 05 \quad 0.14118086E - 08 - 0.86084013E - 13 \\ 0.12605708E + 0.27008209E - 01 - 0.89857531E - 05 \quad 0.14118086E - 08 - 0.86084013E - 13 \\ 0.12605708E + 0.27008209E - 0.14118086E - 0.1418086E - 0.1418086E - 0.14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.
 -0.26646781E + 05 - 0.35123390E + 02 \quad 0.74477755E - 01 \quad 0.58121298E - 01 - 0.33505457E - 04 \quad 0.58121298E - 01 - 0.33505457E - 0.0 \quad 0.58121298E - 0.0 \quad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.65780843E-08 0.66965108E-12-0.22941576E+05 0.30675026E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
 pelol2e4e Therg 3/11/09 c 5h 8o
                                                                                                                                                                                                                1
                                                                                                                                                                                                                                                       G 0300.00
                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
 -0.13874816\mathtt{E} + 02 \quad 0.68558626\mathtt{E} - 01 - 0.31592517\mathtt{E} - 04 \quad 0.62470082\mathtt{E} - 08 - 0.44820067\mathtt{E} - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2
 -0.35116621E + 04 \quad 0.11053284E + 03 - 0.26836379E + 01 \quad 0.69683440E - 01 - 0.56474775E - 04 - 0.69683440E - 01 - 0.69683440E - 0.6968440E - 0.6968
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.17366865E-07 0.81110970E-12-0.10002988E+05 0.40521790E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blol3e Thergas 03/11/09 c 4h
                                                                                                                                                                                   80
                                                                                                                                                                                                                 1
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
      2.
 3
      0.60174132E-08 0.31409364E-12-0.20037518E+05 0.28381794E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
blol2e4j Thergas 3/11/9 c 4h
                                                                                                                                                                                    70
                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
       0.16290464E+02 0.99948719E-02-0.21964568E-05 0.25396948E-09-0.12488158E-13
 3
      0.16389675E-07-0.35925171E-11-0.51073525E+04 0.28853228E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                                                     70
bljol3e Thergas 03/13/9 c 4h
                                                                                                                                                                                                                                                           G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
       0.11132282E+02 0.16474331E-01-0.45657389E-05 0.63047878E-09-0.35235293E-13
 -0.13628945E + 04 - 0.26611565E + 02 \quad 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 04 - 0.26266938E + 00 \quad 0.50136890E - 01 - 0.45958703E - 0.26266938E + 0.2626698E + 0.26266698E + 0.2626698E + 0.2626698E + 0.2626698E + 0.2626698E + 0.2626698E +
      0.25338164E-07-0.61249209E-11 0.15141096E+04 0.28793510E+02
b1*o4ol Thergas 3/11/09 c
                                                                                                                                                               4h
                                                                                                                                                                                            80
                                                                                                                                                                                                                         2
                                                                                                                                                                                                                                                           G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
       0.32700994E+01 0.36725547E-01-0.14271147E-04 0.25013616E-08-0.16459536E-12
 -0.45134094E+05 0.19099010E+02 0.15129855E+01 0.50086584E-01-0.31996788E-04
      0.77743394E-08 0.64543862E-12-0.45629203E+05 0.24778343E+02
blj*o4ol Thergas 3/11/9 c
                                                                                                                                                               4h
                                                                                                                                                                                          70
                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1
                                                                                                                                                                                                                     2
      2.
 -0.27877859E+05 0.91925850E+01 0.19317925E+01 0.48214782E-01-0.38243015E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
      0.16745849E-07-0.27739965E-11-0.27864812E+05 0.23886303E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    4
                                                                                                                                                               3h
 c2h3ch2oh Thergas3/11/9 c
                                                                                                                                                                                          60
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                     5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1
                                                                                                                                                                                                                        1
       0.84750433E+01 0.15536899E-01-0.51111738E-05 0.79734375E-09-0.48414757E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2.
 -0.19826914\mathtt{E} + 05 - 0.17513844\mathtt{E} + 02 \quad 0.97864538\mathtt{E} - 01 \quad 0.36302853\mathtt{E} - 01 - 0.21221043\mathtt{E} - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3
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0.38267034E-08 0.63475424E-12-0.17356730E+05 0.26462063E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c2h3choh Thergas3/11/9 c 3h
                                                                                                                                                                                                                             50
                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                             5000.00 1000.00
                                                                                                                                                                                                                                                                1
        0.92208939E+01 0.11381267E-01-0.30291433E-05 0.40577380E-09-0.22190796E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 3
 -0.13872160E-08 0.22569932E-11-0.25591716E+04 0.22307461E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
hoc2h4hco Thergas3/11/9 c
                                                                                                                                                                                                    3h
                                                                                                                                                                                                                             60
                                                                                                                                                                                                                                                                   2
                                                                                                                                                                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
        0.16128237E+01 0.30238857E-01-0.11994322E-04 0.21329085E-08-0.14179162E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.41774625E+05 \quad 0.25935989E+02 \quad 0.17826831E+01 \quad 0.37871331E-01-0.24209052E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.56852185E - 08 \ 0.68280418E - 12 - 0.42742141E + 05 \ 0.21847282E + 02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
hoc2h4co Thergas3/11/9 c
                                                                                                                                                                                                    3h
                                                                                                                                                                                                                              50
                                                                                                                                                                                                                                                                     2
                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
       0.38259876E+01 \quad 0.22178184E-01-0.74392960E-05 \quad 0.11771862E-08-0.72216823E-13 \quad 0.38259876E+01 \quad 0.3825986E+01 \quad 0.3825986E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.24526432E + 05 \quad 0.15867889E + 02 \quad 0.21212866E + 01 \quad 0.36554631E - 01 - 0.31785286E - 04 \quad 0.36554631E - 0.3655464644E - 0.365546464E - 0.365546464E - 0.365546464E - 0.365546464E - 0.365546464E - 0.365546464E - 0.3655464E - 0.36554644E - 0.3655464E - 0.365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.15980717E-07-0.32039842E-11-0.24969154E+05 0.21288528E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c5h9hco-1 Thergas3/11/9 c 6h 10o
                                                                                                                                                                                                                                                                     1
                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
        0.72028861E+01 0.40368307E-01-0.15310066E-04 0.26394638E-08-0.17175355E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.18916467E + 05 - 0.30190735E + 01 \quad 0.89051771E + 00 \quad 0.62941328E - 01 - 0.38590413E - 04 \quad 0.629413E - 0.629413E - 0.629413E - 0.629413E - 0.629414E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.86810692E-08 0.77071547E-12-0.17829389E+05 0.27402893E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c5h9co-1
                                                                 Thergas3/11/9 c
                                                                                                                                                                                                    6h
                                                                                                                                                                                                                               90
                                                                                                                                                                                                                                                                          1
                                                                                                                                                                                                                                                                                                                  G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                         5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
        0.93050137E + 01 \quad 0.32596160E - 01 - 0.10980964E - 04 \quad 0.17424291E - 08 - 0.10707088E - 12 \\ 0.93050137E + 01 \quad 0.32596160E - 01 - 0.10980964E - 04 \quad 0.17424291E - 08 - 0.10707088E - 12 \\ 0.93050137E + 01 \quad 0.32596160E - 01 - 0.10980964E - 04 \quad 0.17424291E - 08 - 0.10707088E - 12 \\ 0.93050137E + 01 \quad 0.32596160E - 01 - 0.10980964E - 04 \quad 0.17424291E - 08 - 0.10707088E - 12 \\ 0.93050137E + 0.93050160E - 0.10980964E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
  -0.16398086E+04-0.12503784E+02 0.11773859E+01 0.61985154E-01-0.47036006E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
        0.19846773E-07-0.34246675E-11-0.50896812E+02 0.27073027E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c5h9hco-2 Thergas3/11/9 c
                                                                                                                                                                                                  6h 10o
                                                                                                                                                                                                                                                                          1
                                                                                                                                                                                                                                                                                                                   G
                                                                                                                                                                                                                                                                                                                                    0300.00
                                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
        0.18041243E+02 0.22334302E-01-0.68217723E-05 0.10099359E-08-0.59180810E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -0.24727076E + 05 - 0.64257561E + 02 \quad 0.25933149E + 01 \quad 0.54156996E - 01 - 0.26255844E - 04 \quad 0.25933149E + 01 \quad 0.54156996E - 01 - 0.26255844E - 04 \quad 0.25933149E + 01 \quad 0.54156996E - 01 - 0.26255844E - 04 \quad 0.25933149E + 01 \quad 0.54156996E - 01 - 0.26255844E - 04 \quad 0.25933149E + 01 \quad 0.54156996E - 01 - 0.26255844E - 04 \quad 0.25933149E + 01 \quad 0.25933149E + 0.259344E + 0.25944E +
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.32357192E-08 0.76497825E-12-0.19433750E+05 0.19399313E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c5h9co-2 Thergas3/11/9 c
                                                                                                                                                                                         6h
                                                                                                                                                                                                                               90
                                                                                                                                                                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1
                                                                                                                                                                                                                                                                        1
        0.18720741E+02 0.17609492E-01-0.45559932E-05 0.60145611E-09-0.32762431E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.69783066E + 04 - 0.66084435E + 02 \quad 0.29627173E + 01 \quad 0.52617282E - 01 - 0.33274609E - 04 - 0.66084435E + 0.06084435E + 0.060844435E + 0.060844445E + 0.06084445E + 0.0608445E + 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.12955472E-07-0.29121970E-11-0.16639211E+04 0.18721508E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 c5h9hco-3 3/12/ 9 THERMC
                                                                                                                                                                                                                                                                                                           0G
                                                                                                                                                                                                                                                                                                                                                 300.000 5000.000 1390.000
                                                                                                                                                                                                    6h 10o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      41
                                                                                                                                                                                                                                                                  1
       1.83335573E + 01 \quad 2.42384336E - 02 - 8.34179624E - 06 \quad 1.30049092E - 09 - 7.56713528E - 14 \quad 1.83335573E + 01 \quad 2.42384336E - 02 - 8.34179624E - 06 \quad 1.30049092E - 09 - 7.56713528E - 14 \quad 1.83335573E + 01 \quad 1.83335E + 01 \quad 1.8335E + 01 \quad 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2
 -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ 6.75191419E - 02 - 4.59641521E - 05 \\ -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 04 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 01 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 01 - 6.60228761E + 01 - 7.43098070E - 01 \\ -2.46440352E + 01 - 6.60228761E + 01 - 6.602761E + 01 - 6.602
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
       1.62972308E-08-2.39792598E-12-1.78448055E+04 3.69629712E+01
                                                                                                                                                                                                                                                                                                                                     300.000 5000.000 1390.000
                                                                             3/12/ 9 THERMC
                                                                                                                                                                                                                                                                                                          0G
 c5h9co-3
                                                                                                                                                                                                    6h
                                                                                                                                                                                                                              90
                                                                                                                                                                                                                                                                     1
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       1.79164768E+01 \quad 2.21089552E-02-7.62133514E-06 \quad 1.18949022E-09-6.92667918E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -5.68199822\mathtt{E}+03-6.21132884\mathtt{E}+01\ \ 3.35169089\mathtt{E}-02\ \ 6.27096053\mathtt{E}-02-4.28992287\mathtt{E}-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       1.52253216E-08-2.23544811E-12 6.83088437E+02 3.44086825E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
pc2h4oh Thergas 03/11/9 c
                                                                                                                                                                                                    2h
                                                                                                                                                                                                                             50
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       0.88886824 \pm +01 \ 0.78479201 \pm -02 -0.17513548 \pm -05 \ 0.20706463 \pm -09 -0.10460966 \pm -13 + 0.0016463 \pm -0.0016463 \pm -0.0016464 \pm -0.001644 \pm -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2.
 -0.74369263E + 04 - 0.19581196E + 02 - 0.25759500E + 00 \\ 0.37653532E - 01 - 0.43723256E - 04 \\ -0.74369263E + 04 - 0.19581196E + 02 - 0.25759500E + 00 \\ -0.74369263E + 04 - 0.19581196E + 02 - 0.25759500E + 00 \\ -0.74369263E + 04 - 0.19581196E + 02 - 0.25759500E + 00 \\ -0.74369263E + 04 - 0.19581196E + 02 - 0.25759500E + 00 \\ -0.74369263E + 0.25759500E + 00 \\ -0.74369264 + 0.25759500E + 0.2575900E + 0.2575900E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3
       0.30313863E-07-0.87933515E-11-0.49729438E+04 0.26939510E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
 Ec5h9-2 Thergas 03/11/9 c
                                                                                                                                                                                                    5h
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        0.14732062E+02 0.16907906E-01-0.44439362E-05 0.58846739E-09-0.31853091E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
        3
        0.30802898E-07-0.82889589E-11 0.18677992E+05 0.30094849E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
hoch2hco Thergas 3/12/9 c
                                                                                                                                                                                                    2h
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                                                                                                                                                                                                                                                                                                                                                                                                                5000.00 1000.00
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        0.69808908E+01 0.12018369E-01-0.39691918E-05 0.62074579E-09-0.37748216E-13
 -0.40600430E + 05 - 0.67540932E + 01 \quad 0.31326690E + 01 \quad 0.21118322E - 01 - 0.10699493E - 04 \quad 0.2111832E - 01 - 0.10699493E - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.00696494 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.006964 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 0.00664 - 
       0.18237936E-08 0.23164963E-12-0.39413391E+05 0.13625314E+02
hoch2co Thergas 03/12/9 c
                                                                                                                                                                                                    2h
                                                                                                                                                                                                                                 30
                                                                                                                                                                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                 5000.00 1000.00
        0.76963177E+01 0.72258459E-02-0.16582704E-05 0.19945856E-09-0.10153849E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -0.22865857E + 05 - 0.87998276E + 01 \quad 0.35328012E + 01 \quad 0.19371565E - 01 - 0.17235248E - 04 \quad 0.19371565E - 01 - 0.17235248E - 04 \quad 0.19371565E - 01 - 0.19371565E 
       0.11074379E-07-0.32834766E-11-0.21646941E+05 0.12796853E+02
 c4h5hco
                                                                              3/12/ 9 THERMC
                                                                                                                                                                                                     5h
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       1.53488601E+01 1.54830378E-02-5.26285597E-06 8.13473320E-10-4.70448195E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2
 -1.02765238E+04-5.50256799E+01-1.52615800E+00 6.47643668E-02-6.18436511E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
       3.04045002E-08-5.88284777E-12-5.33658593E+03 3.22148883E+01
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                                                                              3/12/ 9 THERMC
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 c4h5co
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        1.48655287E+01 1.32808262E-02-4.48801883E-06 6.90874722E-10-3.98371953E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2.
        5.82650903E+03-5.16972291E+01-3.01693053E-01 5.98659148E-02-6.02865512E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3
        3.08047773E-08-6.11041306E-12 1.00527023E+04 2.59270126E+01
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peljol4e Thergas 3/12/9 c
                                                                                                                                                                   5h
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                                                                                                                                                                                                                              1
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       0.14010012E+02 0.21007648E-01-0.59665599E-05 0.83889390E-09-0.47477555E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2.
 -0.53199082E + 04 - 0.40305267E + 02 \quad 0.26476195E - 01 \quad 0.62217515E - 01 - 0.53725791E - 04 - 0.62217515E - 01 - 0.6221751E - 0.0021751E -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      0.27771296E-07-0.64291055E-11-0.14783392E+04 0.31577261E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               4
pelol3e5j Therga 3/12/9 c
                                                                                                                                                                  5h
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                                                                                                                                                                                                                       - 1
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                                                                                                                                                                                                                                                                               0300.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1
       0.14229529E + 02 \quad 0.21710645E - 01 - 0.63574253E - 05 \quad 0.91302454E - 09 - 0.52390990E - 13 \\ 0.91302454E - 0.91309990E - 13 \\ 0.91302454E - 0.9130990E - 13 \\ 0.91302454E - 0.913090E - 0.91300E - 0.913
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
 3
       \texttt{0.18315852E-07-0.33655175E-11-0.87211973E+04 0.30894175E+02} \\
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peljol2e4e Therg 3/12/9 c 5h 7o
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  -0.11709788E+02 0.60233414E-01-0.26089647E-04 0.49372506E-08-0.34314964E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
       0.10886288{\pm}+05 \ 0.99551682{\pm}+02-0.10080047{\pm}+01 \ 0.58838211{\pm}-01-0.41218689{\pm}-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
       0.63007590E-08 0.40204593E-11 0.47115229E+04 0.33040699E+02
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 !Low T
hxollo2 Thergas 3/19/09 c
                                                                                                                                                                   6h 13o
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       0.40377087E + 02 \quad 0.43189088E - 02 - 0.32369840E - 06 \quad 0.10490661E - 10 \quad 0.13205987E - 15 \quad 0.13205987E - 10 \quad 0.1320598E - 10 \quad 0.1320598E - 10 \quad 0.1320598E - 10 \quad 0.1320598E - 10 \quad 0.132059E - 10 \quad
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  -0.52389164E+05-0.18438222E+03-0.64034426E+00 0.86837769E-01-0.53190346E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
       0.12741907E-07-0.13678343E-11-0.37918207E+05 0.38968811E+02
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hxol2o2 Thergas 3/19/09 c
                                                                                                                                                                  6h 13o
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       0.42040768E+02 0.31667058E-02-0.21449976E-06 0.12211762E-10-0.54071894E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
 -0.51203500E + 05 - 0.19235538E + 03 \quad 0.20860715E + 01 \quad 0.79097122E - 01 - 0.44389239E - 04 \quad 0.79097122E - 0.79097122E - 0.79097122E - 0.79097122E - 0.79097122E - 0.79097122E - 0.7909712E - 0.7909712
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       0.96198347E-08-0.14092456E-11-0.36609266E+05 0.26948479E+02
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hxol3o2 Thergas 3/19/09 c
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       0.42040768E+02 0.31667058E-02-0.21449976E-06 0.12211762E-10-0.54071894E-15
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 -0.51203594E + 05 - 0.19235583E + 03 0.21384163E + 01 0.78737736E - 01 - 0.43534565E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
       0.87745162E-08-0.11124983E-11-0.36614922E+05 0.26726061E+02
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hxol4o2 Thergas 3/19/09 c
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       0.42040768E+02 0.31667058E-02-0.21449976E-06 0.12211762E-10-0.54071894E-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
 -0.51203500E + 05 - 0.19235532E + 03 \quad 0.20860715E + 01 \quad 0.79097122E - 01 - 0.44389239E - 04 - 0.51203500E + 0.512000E + 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
      0.96198347E-08-0.14092456E-11-0.36609266E+05 0.26948555E+02
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hxol5o2 Thergas 3/19/09 c 6h 13o
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 4
      0.99932951E-08-0.15413744E-11-0.36878625E+05 0.27044125E+02
hxol6o2 Thergas 3/19/09 c 6h 13o
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      0.20850794E+02 0.32383662E-01-0.96921058E-05 0.14157782E-08-0.82291412E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3
 -0.39802949E + 05 - 0.70803276E + 02 \quad 0.42034429E + 00 \quad 0.86995691E - 01 - 0.58622158E - 04 \quad 0.86995691E - 01 - 0.58622158E - 01 \quad 0.86995691E - 01 - 0.86995691E - 01 - 0.58622158E - 01 \quad 0.86995691E - 0.86995691E -
      0.16782824E-07-0.71152112E-12-0.34084410E+05 0.35213230E+02
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hxollo2h Thergas 3/19/9 c 6h 14o
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      0.40971199E + 02 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.40971199E + 02 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.40971199E + 02 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.55416101E - 02 - 0.57162652E - 06 \ 0.34386289E - 10 - 0.98130154E - 15 \ 0.55416101E - 0.55416101E -
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 3
      0.54957443E-08 \ 0.85465180E-12-0.55869180E+05 \ 0.34334999E+02
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hxol2o2h Thergas 3/19/9 c
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       0.42749195E+02 0.41815196E-02-0.34956062E-06 0.16808350E-10-0.35320141E-15
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 -0.69179156E + 05 - 0.19456068E + 03 \quad 0.32391951E + 01 \quad 0.76432317E - 01 - 0.36588917E - 04 - 0.069179156E + 05 - 0.069179156E + 00 - 0.069179156E + 0.0
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       0.28876461E-08 0.62495983E-12-0.54557543E+05 0.23120331E+02
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hxol3o2h Thergas 3/19/9 c
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       0.42749195E+02 0.41815196E-02-0.34956062E-06 0.16808350E-10-0.35320141E-15
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 -0.69179156E + 05 - 0.19456068E + 03 \quad 0.32391951E + 01 \quad 0.76432317E - 01 - 0.36588917E - 04 - 0.069179156E + 05 - 0.069179156E + 00 - 0.069179156E + 0.0
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       0.28876461E-08 0.62495983E-12-0.54557543E+05 0.23120331E+02
hxol4o2h Thergas 3/19/9 c
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       0.42749195E+02 0.41815196E-02-0.34956062E-06 0.16808350E-10-0.35320141E-15
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       0.28876461E-08 0.62495983E-12-0.54557543E+05 0.23120331E+02
hxol5o2h Thergas 3/19/9 c
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       0.42706726E+02 0.42574424E-02-0.39419976E-06 0.27307321E-10-0.12105048E-14
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 -0.69433984E+05-0.19501727E+03 0.32200041E+01 0.76573946E-01-0.36946214E-04
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       0.32560312E-08 0.49217244E-12-0.54827363E+05 0.22507261E+02
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hxol6o2h Thergas 3/19/9 c
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       0.19790939E+02 0.36932029E-01-0.11984826E-04 0.18501379E-08-0.11145285E-12
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 -0.57159352E + 05 - 0.64075897E + 02 \quad 0.15237179E + 01 \quad 0.84674992E - 01 - 0.51645737E - 04 \quad 0.84674992E - 01 - 0.51645737E - 0.84674992E - 0.8467492E - 0.84674492E - 0.8467492E - 0.84674492E - 0
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       0.10870327E-07 \ 0.10335249E-11-0.52027352E+05 \ 0.30904116E+02
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hxollo Thergas 03/19/9 c 6h 13o 2
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        0.37551144E+02 0.46787024E-02-0.42779283E-06 0.27691910E-10-0.11117922E-14
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 -0.50672633E + 05 - 0.17236607E + 03 - 0.19853777E + 01 \quad 0.823333386E - 01 - 0.47971320E - 04 - 0.47971320E - 0.4797120E - 0.47971
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        0.10505519E-07-0.10552669E-11-0.36524238E+05 0.43630539E+02
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hxol2o Thergas 03/19/9 c 6h 13o
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         0.39291504E+02 0.33885709E-02-0.23943582E-06 0.12315529E-10-0.43267385E-15
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 -0.49114312E + 05 - 0.18076505E + 03 \quad 0.63593864E + 00 \quad 0.75322196E - 01 - 0.40922576E - 04 - 0.40922576E - 0.4092576E - 0.409257
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        0.91313810 \\ E-08-0.17144349 \\ E-11-0.34801480 \\ E+05 \\ 0.32054897 \\ E+02
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hxol3o Thergas 03/19/9 c 6h 13o 2
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         0.39291504E+02 0.33885709E-02-0.23943582E-06 0.12315529E-10-0.43267385E-15
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 -0.49114406E + 05 - 0.18076556E + 03 \quad 0.68828356E + 00 \quad 0.74962802E - 01 - 0.40067902E - 04 - 0.40067902E - 0.4006790
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        0.82860652E - 08 - 0.14176867E - 11 - 0.34807133E + 05 \quad 0.31832438E + 02 \\
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hxol4o Thergas 03/19/9 c 6h 13o 2
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 -0.49114312E + 05 - 0.18076494E + 03 \quad 0.63593864E + 00 \quad 0.75322196E - 01 - 0.40922576E - 04 - 0.40922576E - 0.4092576E - 0.4
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        0.91313810E - 08 - 0.17144349E - 11 - 0.34801480E + 05 0.32054993E + 02
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hxol5o Thergas 03/19/9 c 6h 13o
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         0.39291504E+02 0.33885709E-02-0.23943582E-06 0.12315529E-10-0.43267385E-15
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 -0.49386023E + 05 - 0.18076334E + 03 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.75459100E - 01 - 0.41267886E - 04 \quad 0.61723459E + 00 \quad 0.61723459E + 0.00000E + 0.0000E + 0.00000E + 0.
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         0.94905941E-08-0.18459878E-11-0.35071328E+05 0.32134689E+02
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hxol6o Thergas 03/19/9 c
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         0.17644072E+02 0.33509247E-01-0.10263610E-04 0.15244941E-08-0.89640426E-13
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 -0.38608004E + 05 - 0.56716545E + 02 - 0.12793858E + 01 0.84957093E - 01 - 0.59335172E - 04
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         0.20470329E-07-0.24945005E-11-0.33306770E+05 0.41375938E+02
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hocho FORMIC ACID L 8/88h
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         0.46138316E+01 0.64496364E-02-0.22908251E-05 0.36716047E-09-0.21873675E-13
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 -0.47514850E+05 0.84788383E+00 0.38983616E+01-0.35587795E-02 0.35520538E-04
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 -0.43849959E-07 0.17107769E-10-0.46770609E+05 0.73495397E+01-0.45531246E+05
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        5.39206152E+00 \quad 4.11221455E-03-1.48194900E-06 \quad 2.39875460E-10-1.43903104E-14 \quad 4.11221455E-03-1.48194900E-06 \quad 2.39875460E-10-1.43903104E-14 \quad 4.11221455E-03-1.48194900E-06 \quad 2.39875460E-10-1.43903104E-14 \quad 4.11221455E-03-1.48194900E-06 \quad 2.39875460E-10-1.43903104E-14 \quad 4.11221455E-03-1.48194900E-06 \quad 4.11221455E-05 \quad 4.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
 -2.38606717E + 04 - 2.23529091E + 00 \quad 2.92207919E + 00 \quad 7.62453859E - 03 \quad 3.29884437E - 06 \quad 2.92207919E + 00 \quad 7.62453859E - 03 \quad 3.29884437E - 06 \quad 3.29884487E - 06 \quad 3.298848E - 06
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 -1.07135205E-08 5.11587057E-12-2.30281524E+04 1.12925886E+01-2.18076591E+04
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hcoo formyloxyl T05/06h 1.c 1.o 2.
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         4.14394211E+00 5.59738818E-03-1.99794019E-06 3.16179193E-10-1.85614483E-14
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 -1.72459887E+04 \quad 5.07778617E+00 \quad 4.68825921E+00-4.14871834E-03 \quad 2.55066010E-05
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 -2.84473900E-08\ 1.04422559E-11-1.69867041E+04\ 4.28426480E+00-1.55992356E+04
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hxol2j1o2h Therga 3/19/9c 6h 13o
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 -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ 0.95444962E - 01 - 0.81472826E - 04 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 0.0000E + 0.0
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        0.41516682E - 07 - 0.11098558E - 10 - 0.32345025E + 05 \quad 0.39555592E + 02
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hxol3j1o2h Therga 3/19/9c 6h 13o
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 -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ 0.95444962E - 01 - 0.81472826E - 04 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 00 - 0.18031586E + 00 - 0.18031586E + 00 \\ -0.46257219E + 0.0000E + 0.0
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        0.41516682E-07-0.11098558E-10-0.32345025E+05 0.39555592E+02
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hxol4j1o2h Therga 3/19/9c
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         0.40276569E + 02 0.37859734E - 02 - 0.22988029E - 06 0.12959010E - 11 0.61451923E - 15
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 -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ 0.95444962E - 01 - 0.81472826E - 04 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 05 - 0.18031586E + 03 - 0.54315090E + 00 \\ -0.46257219E + 0.0000E + 0
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         0.41516682E-07-0.11098558E-10-0.32345025E+05 0.39555592E+02
hxollj2o2h Therga 3/19/9c
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         0.41880825E+02 0.27204677E-02-0.95718889E-07-0.90791047E-11 0.10953025E-14
 -0.47057016 \pm +05 -0.18736108 \pm +03 \quad 0.32569518 \pm +01 \quad 0.80076613 \pm -01 -0.55734312 \pm -04
         0.23018169E-07-0.61010567E-11-0.33101402E+05 0.23756126E+02
hxol3j2o2h Therqa 3/19/9c
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         0.41862270E + 02 0.27711783E - 02 - 0.19561054E - 06 0.17300533E - 10 - 0.11102410E - 14
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 -0.45040809E + 05 - 0.18716089E + 03 \quad 0.22694039E + 01 \quad 0.87118752E - 01 - 0.71292860E - 04 - 0.87118752E - 01 - 0.87118752E - 0.98118752E - 0.981182E - 0.981
         0.37043428E-07-0.10669627E-10-0.31045475E+05 0.27863079E+02
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hxol4j2o2h Therga 3/19/9c
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         0.41862270E + 02 \quad 0.27711783E - 02 - 0.19561054E - 06 \quad 0.17300533E - 10 - 0.11102410E - 14 \\ 0.1730053E - 10 - 0.11102410E - 14 \\ 0.1730055E - 10 - 0.11102410E - 14 \\ 0.1730055
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 -0.45040809E + 05 - 0.18716089E + 03 \quad 0.22694039E + 01 \quad 0.87118752E - 01 - 0.71292860E - 04 - 0.87118752E - 0.087118752E -
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         0.37043428E-07-0.10669627E-10-0.31045475E+05 0.27863079E+02
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hxol5j2o2h Therga 3/19/9c
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0.41847206E+02 0.28088007E-02-0.15436116E-06 0.50308572E-11-0.66618718E-16
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  -0.45076691E + 05 - 0.18716727E + 03 \quad 0.32114878E + 01 \quad 0.80426566E - 01 - 0.56367979E - 04 \quad 0.80426566E - 01 - 0.5636799E - 0.004679E - 0.004679
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          0.23477121E-07-0.62196828E-11-0.31136082E+05 0.23938759E+02
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 hxollj3o2h Therga 3/19/9c
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          0.41880825{\text{E}} + 02 \ 0.27204677{\text{E}} - 02 - 0.95718889{\text{E}} - 07 - 0.90791047{\text{E}} - 11 \ 0.10953025{\text{E}} - 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2
  -0.47057016E + 05 - 0.18736108E + 03 \quad 0.32569518E + 01 \quad 0.80076613E - 01 - 0.55734312E - 04 \quad 0.80076613E - 01 - 0.80076613E - 0.80076612E - 0.8007662E - 0.8007662E - 0.8007662E - 0.8007662E - 0.800762E - 0.800762E - 0.8007662E - 0.800762E - 0.800762E - 0.80
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         0.23018169 \\ \text{E}-07-0.61010567 \\ \text{E}-11-0.33101402 \\ \text{E}+05 \quad 0.23756126 \\ \text{E}+02
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hxol2j3o2h Therga 3/19/9c
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          0.41862270E + 02 \quad 0.27711783E - 02 - 0.19561054E - 06 \quad 0.17300533E - 10 - 0.11102410E - 14 \\ 0.1730053E - 10 - 0.11102410E - 14 \\ 0.1730055E - 10 - 0.11102410E - 14 \\ 0.1730055
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  -0.45040809E + 05 - 0.18716089E + 03 \quad 0.22694039E + 01 \quad 0.87118752E - 01 - 0.71292860E - 04 \quad 0.87118752E - 01 - 0.71292860E - 0.87118752E - 0.97118752E - 0.9711872E - 0.
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          0.37043428E - 07 - 0.10669627E - 10 - 0.31045475E + 05 \quad 0.27863079E + 02
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hxol4j3o2h Therga 3/19/9c
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          0.41862270E + 02 \quad 0.27711783E - 02 - 0.19561054E - 06 \quad 0.17300533E - 10 - 0.11102410E - 14 \\ 0.1730053E - 10 - 0.11102410E - 14 \\ 0.1730055E -
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  -0.45040809E + 05 - 0.18716089E + 03 \quad 0.22694039E + 01 \quad 0.87118752E - 01 - 0.71292860E - 04 \quad 0.87118752E - 01 - 0.71292860E - 0.87118752E - 0.97118752E - 0
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          0.37043428E-07-0.10669627E-10-0.31045475E+05 0.27863079E+02
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 hxol5j3o2h Therga 3/19/9c
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          0.41847206E+02 0.28088007E-02-0.15436116E-06 0.50308572E-11-0.66618718E-16
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   -0.45076691E+05-0.18716727E+03 0.32114878E+01 0.80426566E-01-0.56367979E-04
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          0.23477121E-07-0.62196828E-11-0.31136082E+05 0.23938759E+02
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hxol6j3o2h Therqa 3/19/9c
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          0.42309250E+02 0.25755123E-02-0.13674567E-06 0.52917102E-11-0.15752154E-15
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  -0.44145871E + 05 - 0.18993155E + 03 \quad 0.23811879E + 01 \quad 0.85377008E - 01 - 0.64461383E - 04 \quad 0.85377008E - 01 - 0.85377008E -
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          0.29443028E-07-0.79778181E-11-0.29940916E+05 0.27424404E+02
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hxollj4o2h Therqa 3/19/9c
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          0.41880825E+02 0.27204677E-02-0.95718889E-07-0.90791047E-11 0.10953025E-14
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  -0.47057016E + 05 - 0.18736108E + 03 \quad 0.32569518E + 01 \quad 0.80076613E - 01 - 0.55734312E - 04
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          0.23018169E-07-0.61010567E-11-0.33101402E+05 0.23756126E+02
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         0.41862270E + 02 \quad 0.27711783E - 02 - 0.19561054E - 06 \quad 0.17300533E - 10 - 0.11102410E - 14 \\ 0.1730053E - 10 - 0.11102410E - 14 \\ 0.1730055E - 10 - 0.11102410E - 14 \\ 0.1730055
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  -0.45040809E + 05 - 0.18716089E + 03 \quad 0.22694039E + 01 \quad 0.87118752E - 01 - 0.71292860E - 04 - 0.87118752E - 0.087118752E -
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         0.37043428E - 07 - 0.10669627E - 10 - 0.31045475E + 05 \quad 0.27863079E + 02
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hxol3j4o2h Therga 3/19/9c
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         0.41862270\mathtt{E} + 02 \ 0.27711783\mathtt{E} - 02 - 0.19561054\mathtt{E} - 06 \ 0.17300533\mathtt{E} - 10 - 0.11102410\mathtt{E} - 14
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  -0.45040809\mathtt{E} + 05 - 0.18716089\mathtt{E} + 03 \quad 0.22694039\mathtt{E} + 01 \quad 0.87118752\mathtt{E} - 01 - 0.71292860\mathtt{E} - 04
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         {\tt 0.37043428E-07-0.10669627E-10-0.31045475E+05\ 0.27863079E+02}
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hxol5j4o2h Therga 3/19/9c
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         0.41847206E + 02 \quad 0.28088007E - 02 - 0.15436116E - 06 \quad 0.50308572E - 11 - 0.66618718E - 16 \quad 0.666188E - 16 \quad 0.66618E - 16
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  -0.45076691E + 05 - 0.18716727E + 03 \quad 0.32114878E + 01 \quad 0.80426566E - 01 - 0.56367979E - 04 \quad 0.80426566E - 01 - 0.5636799E - 0.004660E - 0.004660
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         0.23477121E-07-0.62196828E-11-0.31136082E+05 \ 0.23938759E+02
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 hxol6j4o2h Therga 3/19/9c
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          0.42309250E+02 0.25755123E-02-0.13674567E-06 0.52917102E-11-0.15752154E-15
  -0.44145871E + 05 - 0.18993155E + 03 \quad 0.23811879E + 01 \quad 0.85377008E - 01 - 0.64461383E - 04 \quad 0.85377008E - 01 - 0.85377008E -
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          0.29443028E-07-0.79778181E-11-0.29940916E+05 0.27424404E+02
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          0.40629356E-07-0.11941517E-10-0.31294684E+05 0.28066740E+02
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          0.40629356E-07-0.11941517E-10-0.31294684E+05 0.28066740E+02
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          0.40629356E-07-0.11941517E-10-0.31294684E+05 0.28066740E+02
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          0.42321568E + 02 \quad 0.25534653E - 02 - 0.12354823E - 06 \quad 0.20439772E - 11 \quad 0.11892102E - 15 \quad 0.20439772E - 11 \quad 0.2043972E - 11 \quad 0.204
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  -0.44774734E + 05 - 0.19069299E + 03 \quad 0.23164306E + 01 \quad 0.85832074E - 01 - 0.65564833E - 04 - 0.65564833E - 0.6556483E - 0.6556483E - 0.6556483E - 0.6556483E - 0.6556483E - 0.6556483E - 0.6556482E - 0.6566482E 
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          0.30549792E-07-0.83698404E-11-0.30558088E+05 0.27004660E+02
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          0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.214872E + 0.214872
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-0.33919844E+05-0.69850899E+02 0.23317747E+00 0.97583592E-01-0.91679074E-04
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     0.50334975E-07-0.12135546E-10-0.28480934E+05 0.37698620E+02
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hxol4j6o2h Therga 3/19/9c
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     0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13
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 -0.33919844E+05-0.69850899E+02 0.23317747E+00 0.97583592E-01-0.91679074E-04
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     0.50334975E-07-0.12135546E-10-0.28480934E+05 0.37698620E+02
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hxol5j6o2h Therga 3/19/9c 6h 13o 3
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     0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 02 \quad 0.30484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 0.2082484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.21447872E + 0.2082484004E - 01 - 0.87785820E - 05 \quad 0.12452502E - 08 - 0.70831450E - 13 \\ 0.2148782E + 0.2082484004E - 0.208248484004E - 0.20824848484004E - 0.208248484004E - 0.208248484004E - 0.20824848484004E - 0.208248484004E - 0.208
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    0.50334975E-07-0.12135546E-10-0.28480934E+05 0.37698620E+02
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hxolcy2o1 Therga 3/19/9c 6h 12o 2
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 -0.55431438E + 05 - 0.14628180E + 03 - 0.24116578E + 01 \\ 0.82186557E - 01 - 0.46908659E - 04 \\ -0.55431438E + 05 - 0.14628180E + 03 - 0.24116578E + 01 \\ -0.82186557E - 01 - 0.46908659E - 04 \\ -0.82186557E - 01 - 0.46908659E - 01 \\ -0.82186557E - 01 - 0.46908659E - 01 \\ -0.8218657E - 0.46908659E - 0.4690869E - 0.46908
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    0.67472157E-08 0.12431475E-11-0.43552328E+05 0.41646427E+02
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hxolcy3ol Therga 3/19/9c 6h 12o
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 -0.39920601E+02 0.13707936E+00-0.67307890E-04 0.13932466E-07-0.10340232E-11
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 -0.29066539E+05 0.25219193E+03-0.73354735E+01 0.10156211E+00-0.77118253E-04
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     0.23417225E-07 0.15796003E-11-0.43516836E+05 0.63709278E+02
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hxolcy4ol Therga 3/19/9c
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     0.14461571E+01 0.61970916E-01-0.25704858E-04 0.47172146E-08-0.32068047E-12
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 -0.53187605E + 05 \quad 0.24052670E + 02 - 0.46796465E + 01 \quad 0.10051078E + 00 - 0.75412347E - 04 \\ -0.53187605E + 05 \quad 0.24052670E + 02 - 0.46796465E + 01 \quad 0.10051078E + 00 - 0.75412347E - 04 \\ -0.53187605E + 05 \quad 0.24052670E + 02 - 0.46796465E + 01 \quad 0.10051078E + 00 - 0.75412347E - 04 \\ -0.53187605E + 05 \quad 0.24052670E + 02 - 0.46796465E + 01 \quad 0.10051078E + 00 - 0.75412347E - 04 \\ -0.53187605E + 0.5318605E + 0.53186
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     0.20308892E-07 0.12915156E-11-0.53982926E+05 0.47081829E+02
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hxolcy3o2 Therga 3/19/9c
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     0.21277317E + 02 0.27808554E - 01 - 0.88000752E - 05 0.13337527E - 08 - 0.79296629E - 13
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 -0.48841406 \\ \text{E} + 05 - 0.82120705 \\ \text{E} + 02 - 0.82041919 \\ \text{E} + 00 \\ 0.80983594 \\ \text{E} - 01 - 0.49658243 \\ \text{E} - 04 \\ 0.80983594 \\ \text{E} - 01 - 0.49658243 \\ \text{E} - 04 \\ 0.80983594 \\ \text{E} - 01 - 0.49658243 \\ \text{E} - 0.4968243 \\ \text{E} - 
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    0.10157412E-07 0.86319287E-12-0.42106211E+05 0.34602257E+02
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hxolcy4o2 Therga 3/19/9c 6h 12o
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 -0.27693887E + 05 - 0.44348137E + 02 - 0.48016610E + 01 \\ 0.82411908E - 01 - 0.50289353E - 04
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    0.10739180E-07 0.74853643E-12-0.22388922E+05 0.51184555E+02
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hxolcy5o2 Therga 3/19/9c 6h 12o
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 -0.15739325E + 02 \quad 0.94229773E - 01 - 0.43550528E - 04 \quad 0.86299492E - 08 - 0.62014700E - 12 - 0.62014700E - 0.6201400E - 0.6201400E - 0.6201400E - 0.6201400E - 0
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 -0.45077203E+05 \quad 0.12061170E+03-0.29847374E+01 \quad 0.98595783E-01-0.76474142E-04
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    0.22062531E-07 0.14864795E-11-0.52819727E+05 0.39597748E+02
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hxolcy4o3 Therga 3/19/9c 6h 12o
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hxolcy5o3 3/20/ 9 THERMc 6h 12o
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     2.27001584E+01 2.81146257E-02-9.66575969E-06 1.50578511E-09-8.75697498E-14
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 -5.04209725E + 04 - 9.32884451E + 01 - 6.66644565E + 00 \quad 1.05820988E - 01 - 9.05820794E - 05 - 9.0582074E - 05 - 9.0582074E - 05 - 9.0582074E - 05 - 9.058200000000000000000000000000
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     4.04151858E-08-7.27020345E-12-4.10911040E+04 6.12680720E+01
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hxolcy6o3 Therga 3/19/9c
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 -0.11638434E+02 \quad 0.86147130E-01-0.38920109E-04 \quad 0.75884214E-08-0.53889711E-12
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 -0.44143375E+05 \quad 0.99197098E+02-0.26245136E+01 \quad 0.95162116E-01-0.71966009E-04
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    0.20778131E-07 0.10857318E-11-0.50271844E+05 0.39636368E+02
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hxolcy5o4 Therga 3/19/9c
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     0.21277317E+02 0.27808554E-01-0.88000752E-05 0.13337527E-08-0.79296629E-13
 -0.49113145E + 05 - 0.82120705E + 02 - 0.82041919E + 00 \\ 0.80983594E - 01 - 0.49658243E - 04
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     0.10157412E-07 0.86319287E-12-0.42377953E+05 0.34602257E+02
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hxolcy6o4 3/20/ 9 THERMC
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     2.18107457E+01 2.86478263E-02-9.80108443E-06 1.52189067E-09-8.83058776E-14
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 -4.79022274E+04-8.82837686E+01-4.73319176E+00 9.47700539E-02-7.38591192E-05
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     3.01010684E-08-5.00695030E-12-3.91054607E+04 5.27957542E+01
hxolcy6o5 Therga 3/19/9c
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     0.24363197E + 02 0.22544447E - 01 - 0.64914593E - 05 0.91932473E - 09 - 0.52154309E - 13
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     0.59423977E-08 0.14967600E-11-0.39849164E+05 0.33886982E+02
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hxol1o2h2o2 Therqa3/19/9c
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     0.26704115E+02 0.30013746E-01-0.84379963E-05 0.11776083E-08-0.66305970E-13
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 -0.58065719E + 05 - 0.96952400E + 02 - 0.58393812E + 00 \\ 0.10780547E + 00 - 0.81915146E - 04 \\ -0.58065719E + 05 - 0.96952400E + 02 - 0.58393812E + 00 \\ -0.58065719E + 05 - 0.96952400E + 02 - 0.58393812E + 00 \\ -0.58065719E + 05 - 0.96952400E + 02 - 0.58393812E + 00 \\ -0.58065719E + 0.58393812E + 0.5839812E + 0.58398812E + 0.5839812E + 0.5839812E + 0.5839812E + 0.5839812E + 0.5839812E + 0.5839812E + 0.583
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0.25096661E-07-0.10196833E-11-0.50970234E+05 0.42758972E+02
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hxollo2h3o2 Therga3/19/9c 6h 13o 5
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       0.26704115E+02 0.30013746E-01-0.84379963E-05 0.11776083E-08-0.66305970E-13
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 -0.58065719E + 05 - 0.96952240E + 02 - 0.58393812E + 00 \\ 0.10780547E + 00 - 0.81915146E - 04 \\ 0.10780547E + 00 \\ 0.10780547
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      0.25096661E-07-0.10196833E-11-0.50970234E+05 0.42759136E+02
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hxollo2h4o2 Therga3/19/9c 6h 13o
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 -0.58065977E + 05 - 0.96952431E + 02 - 0.44184825E + 00 \\ 0.10682300E + 00 - 0.79562844E - 04 \\ 0.10682300E + 0.0068280E + 0.006820E + 0.0068280E + 0.0068280E + 0.0068280E + 0.0068280E + 0.006820
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      {\tt 0.22756133E-07-0.19382266E-12-0.50985488E+05\ 0.42157448E+02}
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hxol2o2h1o2 Therga3/19/9c 6h 13o
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 -0.58065832E + 05 - 0.96257744E + 02 - 0.51650345E + 00 \\ 0.10733779E + 00 - 0.80791477E - 04 \\ 0.10733779E + 0.80791477E - 04 \\ 0.10733779E + 0.80791477E - 0.8079147E - 0.8079147
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      0.23974913E-07-0.62270057E-12-0.50977453E+05 0.43168327E+02
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hxol2o2h3o2 Therga3/19/9c 6h 13o
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       0.13114470E+02 0.52839946E-01-0.18762084E-04 0.30878369E-08-0.19450899E-12
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  -0.50603707E+05-0.18935173E+02 0.94804019E+00 0.10701675E+00-0.85668435E-04
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      0.29517498E-07-0.17603198E-11-0.49517816E+05 0.35965488E+02
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hxol2o2h4o2 Therga3/19/9c
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       0.13114470E+02 0.52839946E-01-0.18762084E-04 0.30878369E-08-0.19450899E-12
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       0.29517498E-07-0.17603198E-11-0.49517816E+05 0.35965973E+02
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hxol2o2h5o2 Therga3/19/9c
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       0.13285737E+02 0.52558154E-01-0.18627334E-04 0.30615530E-08-0.19266907E-12
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 -0.50944707 \\ \text{E} + 05 - 0.19894363 \\ \text{E} + 02 \quad 0.11088034 \\ \text{E} + 01 \quad 0.10592248 \\ \text{E} + 00 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} + 01 - 0.83095125 \\ \text{E} - 04 \\ \text{E} - 0.83095125 \\ \text{E} - 0.83095125
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      0.27007351E-07-0.89305597E-12-0.49807039E+05 0.35283653E+02
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hxol3o2h1o2 Therqa3/19/9c
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 -0.58065832E + 05 - 0.96257744E + 02 - 0.51650345E + 00 \\ 0.10733779E + 00 - 0.80791477E - 04 \\ -0.58065832E + 05 - 0.96257744E + 02 - 0.51650345E \\ + 0.58065832E + 0.58065832E + 0.58065832E \\ + 0.58065832E + 0.58065832E + 0.5806582E \\ + 0.58065832E + 0.5806582E \\ + 0.58065832E + 0.5806582E \\ + 0.5806582E + 0.580682E \\ + 0.5806582E + 0.580682E \\ + 0.5806582E + 0.580682E \\ + 0.580682E +
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      0.23974913E-07-0.62270057E-12-0.50977453E+05 0.43168327E+02
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 -0.50603707E+05-0.18241707E+02 0.94804019E+00 0.10701675E+00-0.85668435E-04
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      0.29517498E-07-0.17603198E-11-0.49517816E+05 0.36658958E+02
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hxol3o2h4o2 Therga3/19/9c
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 -0.50603707E+05-0.18934692E+02 0.94804019E+00 0.10701675E+00-0.85668435E-04
      0.29517498E-07-0.17603198E-11-0.49517816E+05 0.35965973E+02
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hxol3o2h5o2 Therga3/19/9c
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      0.13285737E + 02 \quad 0.52558154E - 01 - 0.18627334E - 04 \quad 0.30615530E - 08 - 0.19266907E - 12 - 0.19266907E - 0.
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 -0.50944707E + 05 - 0.19894363E + 02 \quad 0.11088034E + 01 \quad 0.10592248E + 00 - 0.83095125E - 04 \quad 0.10592248E + 00 - 0.83095125E - 0.0059248E + 0.005924E + 0.005924E
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      0.27007351E-07-0.89305597E-12-0.49807039E+05 0.35283653E+02
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       0.45932430E+02 0.39958684E-02-0.25026318E-06 0.11687609E-11 0.71888533E-15
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 -0.62385641E + 05 - 0.20422137E + 03 \quad 0.37775304E + 01 \quad 0.89563765E - 01 - 0.57169393E - 04 \quad 0.89563765E - 01 - 0.8956376E - 0.0006E 
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      0.15987991E-07-0.24792200E-11-0.47542363E+05 0.25157055E+02
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hxol4o2h1o2 Therga3/19/9c
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       0.26704115E+02 0.30013746E-01-0.84379963E-05 0.11776083E-08-0.66305970E-13
 -0.58065832E + 05 - 0.96257744E + 02 - 0.51650345E + 00 \\ 0.10733779E + 00 - 0.80791477E - 04 \\ 0.10733779E + 0.80791477E - 0.8079147E - 0.807
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       0.23974913E-07-0.62270057E-12-0.50977453E+05 0.43168327E+02
hxol4o2h2o2 Therga3/19/9c
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       0.13114470E+02 0.52839946E-01-0.18762084E-04 0.30878369E-08-0.19450899E-12
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 0.29517498E-07-0.17603198E-11-0.49517816E+05 0.36658958E+02
hxol4o2h3o2 Therqa3/19/9c
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       0.13114470E+02 0.52839946E-01-0.18762084E-04 0.30878369E-08-0.19450899E-12
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       0.29517498E-07-0.17603198E-11-0.49517816E+05 0.36658535E+02
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hxol4o2h5o2 Therga3/19/9c
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       0.13285737E + 02 0.52558154E - 01 - 0.18627334E - 04 0.30615530E - 08 - 0.19266907E - 12
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 -0.50944707E + 05 - 0.19894363E + 02 \quad 0.11088034E + 01 \quad 0.10592248E + 00 - 0.83095125E - 04 \quad 0.10592248E + 0.0059248E + 0.005
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       0.27007351E-07-0.89305597E-12-0.49807039E+05 0.35283653E+02
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hxol4o2h6o2 Therga3/19/9c 6h 13o 5
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         0.45932430E+02 0.39958684E-02-0.25026318E-06 0.11687609E-11 0.71888533E-15
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  -0.62385852E + 05 - 0.20491483E + 03 \quad 0.39043479E + 01 \quad 0.88685058E - 01 - 0.55061602E - 04 - 0.62385852E + 05 - 0.6238582E + 0.62382E + 0.62822E + 0.62882E + 0.62822E + 0.62822E + 0.62822E + 0.62822E + 0.
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         0.13887572E-07-0.17371434E-11-0.47555945E+05 0.23927017E+02
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hxol5o2h2o2 Therga3/19/9c 6h 13o 5
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          0.13285737E+02 0.52558154E-01-0.18627334E-04 0.30615530E-08-0.19266907E-12
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  -0.50944648E + 05 - 0.19895599E + 02 \quad 0.10752649E + 01 \quad 0.10614425E + 00 - 0.83602819E - 04 - 0.83602819E - 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3
         0.27491804 \mathtt{E} - 07 - 0.10576712 \mathtt{E} - 11 - 0.49803289 \mathtt{E} + 05 \quad 0.35425831 \mathtt{E} + 02
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hxol5o2h3o2 Therga3/19/9c 6h 13o 5
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          0.13285737E+02 0.52558154E-01-0.18627334E-04 0.30615530E-08-0.19266907E-12
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  -0.50944625E + 05 - 0.19895958E + 02 \quad 0.10601964E + 01 \quad 0.10624660E + 00 - 0.83844010E - 04 - 0.83844010E - 0.83844000E - 0.8384400E - 0.838440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3
         0.27728559E - 07 - 0.11402706E - 11 - 0.49801645E + 05 \quad 0.35489540E + 02
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hxol5o2h4o2 Therga3/19/9c 6h 13o 5 G 0300.00
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          0..13285737E + 02 \quad 0..52558154E - 01 - 0..18627334E - 04 \quad 0..30615530E - 08 - 0..19266907E - 12 - 0..19266907E -
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   -0.50944625E+05-0.19896080E+02 0.10601964E+01 0.10624660E+00-0.83844010E-04
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         0.27728559E-07-0.11402706E-11-0.49801645E+05 0.35489418E+02
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 hxol5o2h6o2 Therga3/19/9c 6h 13o
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          0.45924774E+02 0.40098997E-02-0.25868917E-06 0.31813697E-11 0.55235214E-15
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  -0.62383250E + 05 - 0.20487308E + 03 \quad 0.41174722E + 01 \quad 0.87215565E - 01 - 0.51551160E - 04 \\ -0.62383250E + 05 - 0.20487308E + 03 \quad 0.41174722E + 01 \quad 0.87215565E - 01 - 0.51551160E - 04 \\ -0.62383250E + 0.5 - 0.50487308E + 0.5 - 0.50487308E + 0.5 - 0.5 \\ -0.62383250E + 0.5 - 0.5 - 0.5 - 0.5 - 0.5 \\ -0.62383250E + 0.5 - 0.5 - 0.5 - 0.5 \\ -0.62383250E + 0.5 - 0.5 - 0.5 - 0.5 \\ -0.62383250E + 0.5 - 0.5 \\ -0.6238250E + 0.5 \\ -0.623
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          0.10400377E-07-0.50795620E-12-0.47578891E+05 0.23023500E+02
hxol6o2h3o2 Therqa3/19/9c 6h 13o
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          0.45924774E+02 0.40098997E-02-0.25868917E-06 0.31813697E-11 0.55235214E-15
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  -0.62383246E + 05 - 0.20418005E + 03 \quad 0.41174722E + 01 \quad 0.87215565E - 01 - 0.51551160E - 04 \\ -0.62383246E + 05 - 0.20418005E + 03 \quad 0.41174722E + 01 \quad 0.87215565E - 01 - 0.51551160E - 04 \\ -0.62383246E + 0.5 - 0.20418005E + 0.5 \quad 0.41174722E + 01 \quad 0.87215565E - 01 - 0.51551160E - 04 \\ -0.62383246E + 0.5 - 0.20418005E + 0.5 \quad 0.41174722E + 0.5 \quad 0.87215565E - 0.5 \quad 0.5 \quad
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         0.10400377E-07-0.50795620E-12-0.47578887E+05 0.23716530E+02
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hxol6o2h4o2 Therqa3/19/9c 6h 13o
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         0.45924774E + 02 0.40098997E - 02 - 0.25868917E - 06 0.31813697E - 11 0.55235214E - 15
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  -0.62383246 \\ \pm +05 \\ -0.20418018 \\ \pm +03 \\ \phantom{0}0.41174722 \\ \pm +01 \\ \phantom{0}0.87215565 \\ \pm -01 \\ -0.51551160 \\ \pm -04 \\ \phantom{0}0.87215565 \\ \phantom{0}0.8721565 \\ \phantom{0}
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         0.10400377E-07-0.50795620E-12-0.47578887E+05 0.23716406E+02
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hxol6o2h5o2 Therga3/19/9c 6h 13o
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         0.45932430E + 02 0.39958684E - 02 - 0.25026318E - 06 0.11687609E - 11 0.71888533E - 15
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  -0.62385883E + 05 - 0.20422157E + 03 \quad 0.39194164E + 01 \quad 0.88582702E - 01 - 0.54820412E - 04 + 0.062385883E + 0.06238582702E + 0.062385883E + 0.06238582702E + 0.062385882702E + 0.06238582702E + 0.062382702E + 0.062582702E + 0.062582702E + 0.06282702E + 0.06282702E + 0.06282702E + 0.06282702E + 0.06282702E + 0.06282702E + 0.06282702
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         0.13650818E - 07 - 0.16545440E - 11 - 0.47557594E + 05 \quad 0.24556210E + 02
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          \texttt{0.25340055E+02} \ \ \texttt{0.27953602E-01-0.85495813E-05} \ \ \texttt{0.12663828E-08-0.74203888E-13} 
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  -0.83336625E + 05 - 0.94511154E + 02 \quad 0.83949298E + 00 \quad 0.90690732E - 01 - 0.59208054E - 04 - 0.83949298E + 00 \quad 0.90690732E - 0.9069073E - 0.9069072E - 0.906
         0.11873232E-07 \ 0.17259729E-11-0.76330219E+05 \ 0.333339180E+02
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hxol1*o3o2h Therga3/19/9c
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  -0.60011911E+01 \quad 0.80209978E-01-0.34337663E-04 \quad 0.64437717E-08-0.44512289E-12
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  -0.71560219E + 05 \quad 0.81090683E + 02 \quad 0.38652489E + 00 \quad 0.97089656E - 01 - 0.74306612E - 04 - 0.74306612E - 0.74506612E - 0.7550661
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         0.21160380E-07 0.14035731E-11-0.77113680E+05 0.34702991E+02
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hxol1*o4o2h Therga3/19/9c 6h 12o
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  -0.60011911E+01 \quad 0.80209978E-01-0.34337663E-04 \quad 0.64437717E-08-0.44512289E-12
  -0.71560219E + 05 \quad 0.81090683E + 02 \quad 0.38652489E + 00 \quad 0.97089656E - 01 - 0.74306612E - 04 + 0.0006612E - 0.0006612E
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         0.21160380E-07 0.14035731E-11-0.77113680E+05 0.34702991E+02
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 hxol2*olo2h Therga3/19/9c
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          0.22114157E + 02 \quad 0.30648803E - 01 - 0.94667448E - 05 \quad 0.14131901E - 08 - 0.83306680E - 13 \\ 0.22114157E + 02 \quad 0.30648803E - 01 - 0.94667448E - 05 \quad 0.14131901E - 08 - 0.83306680E - 13 \\ 0.22114157E + 02 \quad 0.30648803E - 01 - 0.94667448E - 05 \quad 0.14131901E - 08 - 0.83306680E - 13 \\ 0.22114157E + 0.221147E + 0
  -0.76760523E + 05 - 0.75056633E + 02 \quad 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 00 \quad 0.87976739E - 01 - 0.58359503E - 04 - 0.60759884E + 0.6075984E + 0.6075984E
         0.13432119E-07 0.95682880E-12-0.70833109E+05 0.36357502E+02
 hxol2*o3o2h Therga3/19/9c
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          0.52189879E + 01 0.60182843E - 01 - 0.23789449E - 04 0.42205563E - 08 - 0.28013434E - 12
  -0.65631086E+05 0.21392197E+02 0.16312675E+01 0.89750454E-01-0.64963206E-04
          0.18688981E-07 0.38025534E-12-0.66851773E+05 0.32206650E+02
hxol2*o4o2h Therqa3/19/9c
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          0.16362799E+01 0.65739103E-01-0.26535241E-04 0.47781055E-08-0.32052169E-12
  -0.64836141E+05 0.41895569E+02 0.30715120E+01 0.84989078E-01-0.59390404E-04
          0.14751680E-07 0.17942430E-11-0.67860992E+05 0.25305735E+02
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hxol2*o5o2h Therqa3/19/9c
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          0.16362799E+01 0.65739103E-01-0.26535241E-04 0.47781055E-08-0.32052169E-12
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  -0.65107883E + 05 \quad 0.41202484E + 02 \quad 0.30715120E + 01 \quad 0.84989078E - 01 - 0.59390404E - 04 \quad 0.84989078E - 01 - 0.59390404E - 01 \quad 0.84989078E - 01 - 0.59390404E - 01 \quad 0.84989078E - 0.000404E - 0.0004
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          0.14751680E-07 0.17942430E-11-0.68132727E+05 0.24612652E+02
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hxol3*olo2h Therga3/19/9c 6h 12o
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0.10641276E+02 0.49088471E-01-0.17971841E-04 0.30223819E-08-0.19328201E-12
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    0.17631367E-07 0.10872245E-11-0.69718117E+05 0.38150768E+02
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hxol3*o2o2h Therga3/19/9c
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-0.22560942E+01 \quad 0.73071048E-01-0.30449772E-04 \quad 0.56066334E-08-0.38207198E-12
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     \texttt{0.21205107E-07} \ \ \texttt{0.59710684E-12-0.67289172E+05} \ \ \texttt{0.37670063E+02} 
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-0.23067946E+01 \quad 0.73158450E-01-0.30494715E-04 \quad 0.56158966E-08-0.38274511E-12
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-0.63306336E+05 \quad 0.63533192E+02 \quad 0.79364818E+00 \quad 0.92600971E-01-0.66624511E-04
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    0.16403700E-07 \ 0.23054536E-11-0.67319359E+05 \ 0.36470482E+02
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hxol3*o5o2h Therga3/19/9c 6h 12o
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-0.60096698E+01 \quad 0.79014391E-01-0.33470555E-04 \quad 0.62349352E-08-0.42845740E-12
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-0.62749719E + 05 \quad 0.83971703E + 02 \quad 0.18148596E + 01 \quad 0.90738356E - 01 - 0.67992820E - 04 \quad 0.9073820E - 0.9072820E - 0.907280E - 0.
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    0.19370461E-07 0.12849256E-11-0.68555367E+05 0.30652079E+02
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hxol3*o6o2h Therga3/19/9c 6h 12o
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-0.16978621E+01 \quad 0.70926063E-01-0.29112853E-04 \quad 0.53037117E-08-0.35869840E-12
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-0.61958410E + 05 \quad 0.61208054E + 02 \quad 0.22228823E + 01 \quad 0.86972326E - 01 - 0.62686500E - 04 \\ -0.61958410E + 0.061208054E + 0.061208054E + 0.061208054E + 0.061208054E + 0.061208054E \\ -0.61958410E + 0.061208054E + 0.061208054E + 0.061208054E + 0.061208054E \\ -0.61958410E + 0.061208054E + 0.061208054E + 0.061208054E \\ -0.61958410E + 0.061208054E + 0.061208054E + 0.061208054E \\ -0.61958410E + 0.061208054E + 0.061208054E \\ -0.61968410E + 0.061208054E + 0.061208054E \\ -0.61968410E + 0.061208054E + 0.061208054E \\ -0.61968410E + 0.061208054E 
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    0.17291423E-07 0.11642108E-11-0.66012578E+05 0.30488441E+02
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-0.70871891E + 05 - 0.10271629E + 02 \quad 0.11673772E + 00 \quad 0.92668980E - 01 - 0.66955370E - 04 - 0.066955370E - 0.066955520E - 0.06695520E - 0.0669520E - 0.06695520E - 0.0669520E - 0.0669520E - 0.06695520E - 0.0669520E - 0
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    0.17631367E-07 0.10872245E-11-0.69718117E+05 0.38150772E+02
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-0.60096698E+01 0.79014391E-01-0.33470555E-04 0.62349352E-08-0.42845740E-12
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-0.62477984E+05 0.84664787E+02 0.18148596E+01 0.90738356E-01-0.67992820E-04
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    0.19370461E-07 0.12849256E-11-0.68283633E+05 0.31345161E+02
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-0.63332523E+05 0.63160938E+02 0.48586988E+00 0.94735675E-01-0.71753391E-04
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    0.21524984E-07 0.49220187E-12-0.67286414E+05 0.37773964E+02
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hxol4*o5o2h Therga3/19/9c 6h 12o
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-0.22560942E+01 0.73071048E-01-0.30449772E-04 0.56066334E-08-0.38207198E-12
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    0.21205107E-07 0.59710684E-12-0.67289172E+05 0.36976978E+02
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-0.16978621E+01 \quad 0.70926063E-01-0.29112853E-04 \quad 0.53037117E-08-0.35869840E-12
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-0.61958410E + 05 \quad 0.61208054E + 02 \quad 0.22228823E + 01 \quad 0.86972326E - 01 - 0.62686500E - 04 \quad 0.86972326E - 01 - 0.869726E - 01 - 0.869726E - 01 - 0.869726E - 0.0000E - 0.0000E
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    0.17291423E-07 \ 0.11642108E-11-0.66012578E+05 \ 0.30488441E+02
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hxol5*o2o2h Therga3/19/9c
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    0.72758780E + 01 \quad 0.56251787E - 01 - 0.21740532E - 04 \quad 0.37976333E - 08 - 0.24938011E - 12 - 0.24938011E - 0.24988011E - 
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-0.67644531E+05 \quad 0.10327576E+02 \quad 0.22941432E+01 \quad 0.86125374E-01-0.59585254E-04
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    0.15356791E-07 0.10898772E-11-0.68142320E+05 0.29601089E+02
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hxol5*o3o2h Therga3/19/9c
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-0.67644531E+05 \quad 0.10327576E+02 \quad 0.22941432E+01 \quad 0.86125374E-01-0.59585254E-04
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    0.15356791E-07 0.10898772E-11-0.68142320E+05 0.29601089E+02
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    0.42640331E+02 0.29981120E-02-0.23070737E-06 0.15417955E-10-0.75408019E-15
-0.81832516E + 05 - 0.19035440E + 03 \quad 0.36533856E + 01 \quad 0.74593060E - 01 - 0.35757683E - 04 \quad 0.74593060E - 01 - 0.74593060E - 01 - 0.35757683E - 0.0000E - 
    0.17233370E-08 0.12074506E-11-0.67469336E+05 0.24255047E+02
hxol5*o6o2h Therqa3/19/9c
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    0.57825603E+01 0.58104031E-01-0.22545919E-04 0.39472310E-08-0.25950474E-12
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-0.64277824E+05 0.19283081E+02 0.32355437E+01 0.82910560E-01-0.58121932E-04
    0.16684162E-07 0.26118102E-12-0.65563773E+05 0.25482908E+02
                                                                                                         6h 12o
hxol6*o3o2h Therga3/19/9c
                                                                                                                                                4
                                                                                                                                                                     G 0300.00
                                                                                                                                                                                                                       5000.00 1000.00
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    0.57222195E+01 0.59059616E-01-0.23177750E-04 0.40916257E-08-0.27064481E-12
                                                                                                                                                                                                                                                                                                           2.
-0.63333973E+05 0.19622452E+02 0.25037837E+01 0.87005228E-01-0.61355058E-04
                                                                                                                                                                                                                                                                                                           3
    0.15963574E-07 0.12442500E-11-0.64633543E+05 0.28661623E+02
                                                                                                                                                                                                                                                                                                           4
hxol6*o4o2h Therga3/19/9c 6h 12o 4
                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                       5000.00 1000.00
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    0.58526511E+01 0.58840603E-01-0.23070581E-04 0.40705661E-08-0.26917842E-12
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-0.63385477E+05 0.18893845E+02 0.24600959E+01 0.87316446E-01-0.62128333E-04
                                                                                                                                                                                                                                                                                                      3
    0.16766167E-07 0.94816451E-12-0.64628961E+05 0.28845613E+02
                                                                                                                                                                                                                                                                                                      4
                                                                                                                                                                                                                   5000.00 1000.00
hxol6*o5o2h Therga3/19/9c
                                                                                                       6h 12o
                                                                                                                                         4
                                                                                                                                                                 G 0300.00
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    0.94713812E+01 0.53273901E-01-0.20361385E-04 0.35277099E-08-0.23026023E-12
                                                                                                                                                                                                                                                                                                      2.
3
    0.15178617E-07 0.14770242E-11-0.63656012E+05 0.33622314E+02
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hxol2*olj Thergas03/20/9c 6h 11o
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                                                                                                                                                              G 0300.00
                                                                                                                                                                                                             5000.00 1000.00
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    0.50445733E+01 \quad 0.48821330E-01-0.17896331E-04 \quad 0.30115004E-08-0.19262386E-12
                                                                                                                                                                                                                                                                                                      2
-0.32700641E+05 \quad 0.13947197E+02 \quad 0.19057820E+01 \quad 0.72579697E-01-0.53381591E-04
                                                                                                                                                                                                                                                                                                      3
    0.19433111E-07-0.17710369E-11-0.33402332E+05 0.24534199E+02
                                                                                                                                                                                                                                                                                                      4
hxol3*olj Thergas03/20/9c 6h 11o 2
                                                                                                                                                                                                              5000.00 1000.00
                                                                                                                                                              G 0300.00
                                                                                                                                                                                                                                                                                                      1
-0.19777069E+01 \quad 0.59442993E-01-0.22957585E-04 \quad 0.40072541E-08-0.26295706E-12
                                                                                                                                                                                                                                                                                                      2
-0.30190818E + 05 \quad 0.55989693E + 02 \quad 0.50785387E + 00 \quad 0.80474287E - 01 - 0.69947622E - 04 - 0.69947622E - 0.6994762E - 0.699476E 
                                                                                                                                                                                                                                                                                                      3
    0.32083033E-07-0.49041791E-11-0.33619379E+05 0.33085484E+02
                                                                                                                                                                                                                                                                                                      4
hxol4*olj Thergas03/20/9c 6h 11o
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                                                                                                                                                               G 0300.00
                                                                                                                                                                                                             5000.00 1000.00
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-0.19841336E+01 \quad 0.59459966E-01-0.22975830E-04 \quad 0.40132058E-08-0.26354662E-12
                                                                                                                                                                                                                                                                                                      2
-0.30187742E + 05 \quad 0.56025478E + 02 \quad 0.28849542E + 00 \quad 0.81993192E - 01 - 0.73592368E - 04 \quad 0.81993192E - 01 - 0.73592368E - 04 \quad 0.81993192E - 01 - 0.81993192E - 0.819982E - 0.819982E - 0.819982E - 0.819982E - 0.819982E - 0.819982E - 
                                                                                                                                                                                                                                                                                                      3
    0.35720074E-07-0.61918587E-11-0.33595859E+05 0.34014881E+02
                                                                                                                                                                                                                                                                                                      4
hxol3*o2j Thergas03/20/9c
                                                                                                 6h 11o
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-0.20810699E+01 \quad 0.60724188E-01-0.23789085E-04 \quad 0.41949111E-08-0.27729002E-12
                                                                                                                                                                                                                                                                                                      2
-0.31482992E + 05 \quad 0.53852333E + 02 - 0.33087078E + 00 \quad 0.85324995E - 01 - 0.77389326E - 04 - 0.86824995E - 01 - 0.86824995E - 0.8
                                                                                                                                                                                                                                                                                                      3
    0.37864034E-07-0.67499673E-11-0.34789594E+05 0.34356827E+02
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hxol4*o2j Thergas03/20/9c
                                                                                                  6h 11o
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-0.16368914E+01 0.58790170E-01-0.22627561E-04 0.39414978E-08-0.25833974E-12
                                                                                                                                                                                                                                                                                                      2
-0.28303225 \pm +05 \quad 0.54226696 \pm +02 -0.82242680 \pm +00 \quad 0.89889355 \pm -01 -0.91197646 \pm -04
                                                                                                                                                                                                                                                                                                      3
    0.51783388E-07-0.11479981E-10-0.31526729E+05 0.38644547E+02
                                                                                                                                                                                                                                                                                                      4
hxol5*o2j Thergas03/20/9c 6h 11o
                                                                                                                                                                 G 0300.00
                                                                                                                                                                                                               5000.00 1000.00
                                                                                                                                                                                                                                                                                                      1
                                                                                                                                          2
    2
-0.33177453E + 05 - 0.14539238E + 02 - 0.33040497E + 00 \\ 0.85191235E - 01 - 0.82595943E - 04 \\ -0.33177453E + 05 - 0.14539238E + 02 - 0.33040497E + 00 \\ -0.85191235E - 01 - 0.82595943E - 04 \\ -0.85191235E - 01 - 0.82595943E - 01 \\ -0.85191235E - 01 - 0.82595943E - 01 \\ -0.85191235E - 0.82595943E - 0.8259594440 - 0.8259594440 - 0.825959440 - 0.825959440 - 0.825959440 - 0.825959440 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940 - 0.82595940
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    0.47589328E-07-0.11616748E-10-0.31386820E+05 0.36846130E+02
                                                                                                                                                                                                                                                                                                      4
hxol2*o3j Thergas03/20/9c 6h 11o
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                                                                                                                                                                  G 0300.00
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    \tt 0.53883033E+01 \ 0.48171554E-01-0.17567883E-04 \ 0.29453064E-08-0.18788882E-12
                                                                                                                                                                                                                                                                                                      2.
-0.33835414E+05 \quad 0.11811493E+02 \quad 0.82973999E+00 \quad 0.80270194E-01-0.70516973E-04
                                                                                                                                                                                                                                                                                                      3
    0.35034716E-07-0.68964114E-11-0.34357121E+05 0.28657505E+02
                                                                                                                                                                                                                                                                                                      4
hxol4*o3j Thergas03/20/9c 6h 11o
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                                                                                                                                                                  G 0300.00
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-0.19850037E+01 \quad 0.60557593E-01-0.23698725E-04 \quad 0.41750310E-08-0.27574842E-12
                                                                                                                                                                                                                                                                                                      2
-0.31520891E+05 \ 0.53268429E+02-0.35995880E+00 \ 0.85544512E-01-0.77948098E-04
                                                                                                                                                                                                                                                                                                      3
    0.38449571E-07-0.69662856E-11-0.34786801E+05 0.34428566E+02
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hxol5*o3j Thergas03/20/9c
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    0.47589328E-07-0.11616748E-10-0.31386820E+05 0.36846130E+02
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hxol6*o3j Thergas03/20/9c
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    0.91820374E+01 0.41142806E-01-0.14137502E-04 0.22759359E-08-0.14131352E-12
                                                                                                                                                                                                                                                                                                      2
3
    0.48783885E-07-0.11671166E-10-0.27874318E+05 0.36054192E+02
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hxol2*o4j Thergas03/20/9c
                                                                                                     6h 11o
                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                   5000.00 1000.00
    0.57368855E+01 0.46470851E-01-0.16578173E-04 0.27349902E-08-0.17244042E-12
-0.30629812E + 05 \quad 0.12747116E + 02 \quad 0.36181900E + 00 \quad 0.84659591E - 01 - 0.83890111E - 04 + 0.083890111E - 0.08389011E - 0.08
    0.48507442E-07-0.11464214E-10-0.31096562E+05 0.32909447E+02
hxol3*o4j Thergas03/20/9c
                                                                                                       6h 11o
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                                                                                                                                                                   G 0300.00
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-0.20674188E+01 0.60699940E-01-0.23774905E-04 0.41915706E-08-0.27701677E-12
                                                                                                                                                                                                                                                                                                      2
-0.31488453E+05 0.53748993E+02-0.39127961E+00 0.85745454E-01-0.78407975E-04
                                                                                                                                                                                                                                                                                                      3
    0.38889986E-07-0.71160291E-11-0.34783125E+05 0.34585270E+02
hxol5*o4j Thergas03/20/9c
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                                                                                                                                                                   G 0300.00
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    0.10425847E+02 0.40030450E-01-0.13728059E-04 0.22052391E-08-0.13662747E-12
                                                                                                                                                                                                                                                                                                      2.
3
    0.33212714E-07-0.67313178E-11-0.34652945E+05 0.32388714E+02
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hxol6*o4j Thergas03/20/9c
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                                                                                                                                                                  G 0300.00
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    0.91820374E + 01 \quad 0.41142806E - 01 - 0.14137502E - 04 \quad 0.22759359E - 08 - 0.14131352E - 12
                                                                                                                                                                                                                                                                                                      2.
-0.28910223E + 05 - 0.60640564E + 01 - 0.15562859E + 00 \\ 0.86313874E - 01 - 0.84951876E - 04 \\ -0.28910223E + 05 - 0.60640564E + 01 - 0.15562859E + 00 \\ -0.28910223E + 05 - 0.60640564E + 01 - 0.15562859E + 00 \\ -0.28910223E + 05 - 0.60640564E + 01 - 0.15562859E + 00 \\ -0.28910223E + 05 - 0.60640564E + 01 - 0.15562859E + 00 \\ -0.28910223E + 0.00640564E + 0.00640564E + 0.00640564E + 0.00640564E \\ -0.28910223E + 0.00640564E + 0.00640564E + 0.00640564E + 0.00640564E \\ -0.28910224E + 0.00640564E + 0.00640564E + 0.00640564E \\ -0.2891024E + 0.00640564E + 0.0064064E \\ -0.2891024E + 0.0064064E + 0.00640
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0.48783885E-07-0.11671166E-10-0.27874318E+05 0.36054192E+02
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hxol2*o5j Thergas03/20/9c
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                                                                                                                                                                                                                                                       G 0300.00
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       0.53412514E+01 0.47239114E-01-0.16981854E-04 0.28198166E-08-0.17875804E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.30525254E + 05 \quad 0.14830078E + 02 \quad 0.14828668E + 01 \quad 0.76723717E - 01 - 0.65973021E - 04 \quad 0.76723717E - 0.76722417E - 0.76
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       0.31950968E-07-0.59552537E-11-0.31206268E+05 0.28227583E+02
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                                                                                                                                                              6h 11o
hxol3*o5j Thergas03/20/9c
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 -0.19533235E+01 \quad 0.59427585E-01-0.22955810E-04 \quad 0.40077301E-08-0.26303954E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.28233439E + 05 \quad 0.55861027E + 02 \quad 0.38304994E + 00 \quad 0.81372783E - 01 - 0.71896095E - 04 \quad 0.8182782E - 01 - 0.81828E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.33852459E-07-0.54861319E-11-0.31645545E+05 0.33604404E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
hxol4*o5j Thergas03/20/9c
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 -0.22876549E + 01 \quad 0.61177045E - 01 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 04 \quad 0.42428212E - 08 - 0.28067105E - 12 - 0.24026245E - 0.2402624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 3
       0.21498311E-07-0.13159725E-11-0.34896309E+05 0.29936848E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
hxol6*o5j Thergas03/20/9c
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       0.90402603E+01 0.42439528E-01-0.14870201E-04 0.24240001E-08-0.15165408E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
  -0.32195504E+05-0.78849792E+01 0.25891316E+00 0.82142696E-01-0.71959912E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.35623174E-07-0.72006520E-11-0.31125828E+05 0.32311958E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
hxol3*o6j Thergas03/20/9c
                                                                                                                                                              6h 11o
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 -0.13714999E+01 \quad 0.58966264E-01-0.22809572E-04 \quad 0.39861003E-08-0.26179834E-12
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 3
       0.42077929E-07-0.80386383E-11-0.30435449E+05 0.37678551E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
hxol4*o6j Therqas03/20/9c
                                                                                                                                                              6h 11o
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 -0.13840135E+01 \quad 0.58993638E-01-0.22833681E-04 \quad 0.39933923E-08-0.26249472E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.27340891E+05 0.52508781E+02-0.41005436E+00 0.86067677E-01-0.79383295E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       0.39222964E-07-0.70374782E-11-0.30454395E+05 0.36932228E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
hxol5*o6j Thergas03/20/9c
                                                                                                                                                      6h 11o
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      2
 3
      0.26657785E-07-0.43205686E-11-0.31571219E+05 0.34509243E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                                                                        G 0300.00
 c5h10cooh-1 Therga3/20/9c
                                                                                                                                                              6h 11o
                                                                                                                                                                                                                  2.
                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
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 -0.18704327E + 01 \quad 0.61482392E - 01 - 0.24357241E - 04 \quad 0.43283475E - 08 - 0.28763572E - 12 - 0.243572E - 01 - 0.243572E - 0.24572E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 3
      0.42117762E-07-0.75157302E-11-0.43604629E+05 0.38288235E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
                                                                                                                                                                                                                                                        G 0300.00
 c5h10cooh-2 Therga3/20/9c
                                                                                                                                                      6h 11o
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                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
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 -0.14848416\mathtt{E} + 01 \quad 0.59633460\mathtt{E} - 01 - 0.23228640\mathtt{E} - 04 \quad 0.40801069\mathtt{E} - 08 - 0.26898376\mathtt{E} - 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.37425379E + 05 \quad 0.49901493E + 02 - 0.21200294E + 01 \quad 0.95336512E - 01 - 0.95348536E - 04 \\ -0.37425379E + 05 \quad 0.49901493E + 02 - 0.21200294E + 01 \\ -0.95336512E - 01 - 0.95348536E - 04 \\ -0.95366E - 0.95366E 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.51426269E-07-0.10606462E-10-0.40370797E+05 0.41448421E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 c5h10cooh-3 Therga3/20/9c
                                                                                                                                                     6h 11o
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                                                                                                                                                                                                                                                                                                                                  5000.00 1000.00
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 -0.14848416E + 01 \quad 0.59633460E - 01 - 0.23228640E - 04 \quad 0.40801069E - 08 - 0.26898376E - 12 - 0.26898376E - 0.26898886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.268986 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.2689886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886 - 0.268886
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -0.37425379E+05 \quad 0.49901493E+02-0.21200294E+01 \quad 0.95336512E-01-0.95348536E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.51426269E-07-0.10606462E-10-0.40370797E+05 0.41448421E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 ch2cooh Thergas 03/20/9c
                                                                                                                                                              2h
                                                                                                                                                                                           30
                                                                                                                                                                                                                        2
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
       0.93029661E+01 0.69815558E-02-0.17180930E-05 0.21747887E-09-0.11452205E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.32848316E + 05 - 0.23130653E + 02 \quad 0.12598374E + 00 \quad 0.34687348E - 01 - 0.34489818E - 04 - 0.34687348E - 01 - 0.34489818E - 04 - 0.34687348E - 01 - 0.3468734E - 01 - 0.346874E - 0.34687E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.18876753E-07-0.44256933E-11-0.30382291E+05 0.23825567E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 ch2ch2cooh Thergas3/20/9c
                                                                                                                                                                                                                        2
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
                                                                                                                                                              3h
                                                                                                                                                                                         50
 -0.63459964E + 01 \quad 0.40684473E - 01 - 0.16808332E - 04 \quad 0.30763088E - 08 - 0.20875162E - 120875162E - 120
 -0.26339281E + 05 \quad 0.69442528E + 02 - 0.12847569E + 01 \quad 0.57524763E - 01 - 0.66488785E - 04 - 0.06488785E - 0.064885E - 0.06488785E - 0.064885E - 0.064885E - 0.064885E - 0.064885E - 0.064885E - 0.06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.38840408E-07-0.82382261E-11-0.30595645E+05 0.32566666E+02
 c2h3cooh Thergas 03/20/9c
                                                                                                                                                              3h
                                                                                                                                                                                            40
                                                                                                                                                                                                                        2.
                                                                                                                                                                                                                                                          G 0300.00
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
       0.88741312E+01 0.13897711E-01-0.48470301E-05 0.78724954E-09-0.49112956E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.44327402E + 05 - 0.18188774E + 02 \quad 0.69044226E + 00 \quad 0.35548516E - 01 - 0.23280432E - 04 - 0.06904626E + 0.0690466E + 0.0690466E + 0.0690466E + 0.069046E + 0.06904E + 0.069046E + 0.069046E + 0.069046E + 0.069046E + 0.069046E + 
       0.54139253E-08 0.28110224E-12-0.42047363E+05 0.24283270E+02
hoch2coch2 Thergas3/20/9c
                                                                                                                                                              3h
                                                                                                                                                                                            50
                                                                                                                                                                                                                        2
                                                                                                                                                                                                                                                         G 0300.00
                                                                                                                                                                                                                                                                                                                                    5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1
       0.11595228E+02 0.11442376E-01-0.29792718E-05 0.39280218E-09-0.21252143E-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2
 -0.25335428 \pm +05 -0.30319328 \pm +02 \quad 0.18608906 \pm +01 \quad 0.38478706 \pm -01 -0.33612501 \pm -04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
      0.18263671E-07-0.45594973E-11-0.22468248E+05 \ 0.20380983E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
 c2h3coch2oh 3/20/9 THERMC
                                                                                                                                                               4h
                                                                                                                                                                                         60
                                                                                                                                                                                                                        2.
                                                                                                                                                                                                                                                    0G
                                                                                                                                                                                                                                                                                 300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                            31
      1.40328795E+01 1.58209258E-02-5.48990637E-06 8.60512472E-10-5.02558470E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.
 -3.91158914E + 04 - 4.40020336E + 01 2.61108215E + 00 4.18221558E - 02 - 2.89144990E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
       1.09087376E-08-1.77647198E-12-3.49743351E+04 1.77615725E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4
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c2h3cochoh 3/20/ 9 THERMC
                                                                                               4 h 5o
                                                                                                                             2
                                                                                                                                                 0G
                                                                                                                                                                    300.000 5000.000 1393.000
                                                                                                                                                                                                                                                                           31
   1.54607858E+01 1.21312833E-02-4.23389175E-06 6.66277896E-10-3.90223202E-14
                                                                                                                                                                                                                                                                              2.
-2.42188599E+04-5.32856035E+01 4.19270119E-01 5.36489893E-02-4.97438432E-05
                                                                                                                                                                                                                                                                              3
    2.37170402E-08-4.49807903E-12-1.95632118E+04 2.53522502E+01
                                                                                                                                                                                                                                                                               4
c3h7coc2h3 3/20/ 9 THERMc
                                                                                               6h 10o 1 0G
                                                                                                                                                                    300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                           41
    1.87183592E+01 2.41363189E-02-8.35497476E-06 1.30748276E-09-7.62747475E-14
                                                                                                                                                                                                                                                                              2
-2.96755853E + 04 - 6.95728617E + 01 3.14273123E - 01 6.70372965E - 02 - 4.78379133E - 05
                                                                                                                                                                                                                                                                              3
   1.84750498\mathtt{E} - 08 - 3.03547113\mathtt{E} - 12 - 2.31437069\mathtt{E} + 04 \ 2.95218946\mathtt{E} + 01
                                                                                                                                                                                                                                                                               4
c3h6coc2h3-1 3/20/9THERMc 6h 9o 1
                                                                                                                                                                    300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                           41
                                                                                                                                          0G
   1.83671859E+01 2.19412344E-02-7.61003403E-06 1.19249056E-09-6.96315700E-14
                                                                                                                                                                                                                                                                               2
-4.64669117E + 03 - 6.52844977E + 01 \quad 1.04122160E + 00 \quad 6.25599467E - 02 - 4.52533206E - 05 \quad 6.25599467E - 02 - 4.52533206E - 02 \quad 6.25599467E - 02 - 4.52533206E - 02 \quad 6.25599467E - 02 - 4.525966E - 02 \quad 6.25599467E - 02 - 4.52599467E - 02 - 4.52596E - 02 \quad 6.25599467E - 02 - 4.52596E - 02 \quad 6.25596E - 02 \quad 6.
                                                                                                                                                                                                                                                                              3
   1.76786489E-08-2.92967277E-12 1.47753875E+03 2.79204454E+01
                                                                                                                                                                                                                                                                               4
c3h6coc2h3-2 3/20/9THERMc 6h 9o
                                                                                                                             1
                                                                                                                                           0G
                                                                                                                                                                    300.000 5000.000 1376.000
                                                                                                                                                                                                                                                                           41
    1.85383420E+01 2.09644783E-02-7.10726936E-06 1.09812027E-09-6.35356671E-14
                                                                                                                                                                                                                                                                              2
 -6.09649496E+03-6.53208710E+01 1.39542268E+00 5.77571211E-02-3.62039487E-05
                                                                                                                                                                                                                                                                               3
    1.11354497E-08-1.33077569E-12 1.83960497E+02 2.79077319E+01
                                                                                                                                                                                                                                                                               4
c3h6coc2h3-3 3/20/9THERMc
                                                                                         6h
                                                                                                           90
                                                                                                                             1
                                                                                                                                            0G
                                                                                                                                                                    300.000 5000.000 1391.000
                                                                                                                                                                                                                                                                           31
    1.95088401E+01 2.13070828E-02-7.37138985E-06 1.15315577E-09-6.72565403E-14
                                                                                                                                                                                                                                                                               2
-8.33408595E+03-7.35609380E+01 1.83838755E-01 7.01355834E-02-5.64562252E-05
                                                                                                                                                                                                                                                                               3
    2.42899749E-08-4.31253176E-12-1.88889898E+03 2.90917145E+01
                                                                                                                                                                                                                                                                               4
c2h5coc3h5-1 3/20/9THERMc
                                                                                               6h 10o
                                                                                                                               1
                                                                                                                                                   0G
                                                                                                                                                                    300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                           41
    1.81829678E+01 2.45052211E-02-8.46335590E-06 1.32244485E-09-7.70671491E-14
                                                                                                                                                                                                                                                                               2.
 -2.70818973E + 04 - 6.52675672E + 01 - 3.75897473E - 01 6.77164773E - 02 - 4.80841893E - 05
                                                                                                                                                                                                                                                                               3
   1.84447669E-08-3.00647177E-12-2.04998688E+04 3.46619611E+01
                                                                                                                                                                                                                                                                              4
c2h5coc3h4 3/20/ 9 THERMC
                                                                                          6h
                                                                                                            90
                                                                                                                              1
                                                                                                                                             0G
                                                                                                                                                                    300.000 5000.000 1392.000
                                                                                                                                                                                                                                                                           21
   1.79430404E+01 2.28618321E-02-7.86481218E-06 1.22581504E-09-7.13141958E-14
                                                                                                                                                                                                                                                                               2
-1.49045027E+04-6.55197165E+01-2.30236091E+00 7.25240997E-02-5.57224466E-05
                                                                                                                                                                                                                                                                               3
    2.27185315E-08-3.83294799E-12-8.05156651E+03 4.24699030E+01
                                                                                                                                                                                                                                                                               4
ch3coc4h7-1 Therga3/20/9c 6h 10o
                                                                                                                                                    G 0300.00
                                                                                                                                                                                              5000.00 1000.00
                                                                                                                             1
                                                                                                                                                                                                                                                                              1
   0.84927855E+01 \quad 0.38035810E-01-0.14130595E-04 \quad 0.24004279E-08-0.15456161E-12
                                                                                                                                                                                                                                                                               2.
3
   0.88312362E-08 0.37648882E-12-0.21331750E+05 0.28588043E+02
                                                                                                                                                                                                                                                                               4
                                                                                                                                                                                                  5000.00 1000.00
Cc6e5oB Thergas 03/20/9c 6h
                                                                                                                                                     G 0300.00
                                                                                                           90
                                                                                                                              1
                                                                                                                                                                                                                                                                               1
   \tt 0.10839655E+02 \ 0.31051598E-01-0.10387728E-04 \ 0.16399105E-08-0.10040495E-12
                                                                                                                                                                                                                                                                               2
                                                                                                                                                                                                                                                                               3
-0.34383672E + 04 - 0.23849907E + 02 0.16176395E - 01 0.69443278E - 01 - 0.60679849E - 04
   {\tt 0.31208131E-07-0.69517846E-11-0.10684680E+04\ 0.29527189E+02}
                                                                                                                                                                                                                                                                               4
Dc6e5oB Thergas 03/20/9c
                                                                                         6h
                                                                                                           90
                                                                                                                              1
                                                                                                                                                     G 0300.00
                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                               1
   0.10058054E + 02 \quad 0.31860441E - 01 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 04 \quad 0.16927335E - 08 - 0.10376895E - 12 - 0.10697982E - 0.106979982E - 0.10697982E - 0.10697982E
                                                                                                                                                                                                                                                                               2.
-0.76155527E + 04 - 0.18963280E + 02 \quad 0.12635521E + 01 \quad 0.58932316E - 01 - 0.38616679E - 04 \quad 0.58932316E - 01 - 0.38616679E - 01 - 0.38616679E - 04 \quad 0.58932316E - 01 - 0.38616679E - 04 \quad 0.58932316E - 01 - 0.38616679E - 0.08616679E - 0.0861679E - 0.08616679E - 0.0861679E - 0.08616679E - 0.08616679E - 0.0861679E - 0
                                                                                                                                                                                                                                                                               3
   0.12397782E-07-0.11804337E-11-0.55116826E+04 0.25375278E+02
                                                                                                                                                                                                                                                                               4
blol2*o4j Thergas 3/20/9c
                                                                                              4h
                                                                                                           70
                                                                                                                              2
                                                                                                                                                     G 0300.00
                                                                                                                                                                                                  5000.00 1000.00
                                                                                                                                                                                                                                                                               1
   0.26380894E + 01 \quad 0.33672862E - 01 - 0.12144186E - 04 \quad 0.20208077E - 08 - 0.12827821E - 12827821E - 128278212E - 12827821E - 128278212E - 12827821E - 128278212E - 1282782
-0.22919156E+05 \quad 0.24946110E+02 \quad 0.10970583E+01 \quad 0.57884518E-01-0.59984595E-04
                                                                                                                                                                                                                                                                               3
   0.35182467E-07-0.81331513E-11-0.24226590E+05 0.26247059E+02
                                                                                                                                                                                                                                                                               4
blol3*o4j Thergas 3/20/9c
                                                                                              4h
                                                                                                            70
                                                                                                                               2
                                                                                                                                                      G 0300.00
                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                               1
   2
-0.26897330E + 05 - 0.40765686E + 01 \quad 0.48209801E + 00 \quad 0.55450484E - 01 - 0.47666712E - 04866712E - 04866712E
   0.22679252E-07-0.43068773E-11-0.25794322E+05 0.28729477E+02
pelol3*o5j Thergas3/20/9c
                                                                                               5h
                                                                                                               90
                                                                                                                                  2
                                                                                                                                                      G 0300.00
                                                                                                                                                                                                   5000.00 1000.00
-0.28177528E+01 \quad 0.52117407E-01-0.20350391E-04 \quad 0.35809427E-08-0.23638930E-12
-0.24068164E+05 0.58099331E+02-0.36145309E+00 0.75402156E-01-0.75363052E-04
   0.40943323E-07-0.83663822E-11-0.27543881E+05 0.34931767E+02
pelol4*o5j Thergas3/20/9c
                                                                                               5h
                                                                                                                90
                                                                                                                                  2
                                                                                                                                                      G 0300.00
                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                               1
    0.90158472E+01 0.33651017E-01-0.11545627E-04 0.18558295E-08-0.11506064E-12
                                                                                                                                                                                                                                                                               2
-0.30231275 \pm +05 -0.10505356 \pm +02 \quad 0.24833661 \pm +00 \quad 0.67425027 \pm -01 -0.54883396 \pm -04
   0.24201032E-07-0.41436689E-11-0.28685428E+05 0.31512085E+02
                                                                                                                                                                                                                                                                               4
pe1*o5ol Thergas 03/20/9c
                                                                                               5h 10o
                                                                                                                                 2.
                                                                                                                                                     G 0300.00
                                                                                                                                                                                                   5000.00 1000.00
                                                                                                                                                                                                                                                                               1
    0.48570399E+01 0.43349925E-01-0.16637965E-04 0.28922988E-08-0.18929349E-12
                                                                                                                                                                                                                                                                               2.
-0.48467461E+05 \quad 0.12647751E+02 \quad 0.13343251E+01 \quad 0.61682262E-01-0.38324994E-04
                                                                                                                                                                                                                                                                              3
    0.84332852E-08 0.11058172E-11-0.48526176E+05 0.27322203E+02
                                                                                                                                                                                                                                                                               4
pelj*o5ol Thergas 3/20/9c
                                                                                               5h
                                                                                                                90
                                                                                                                             2
                                                                                                                                                  G 0300.00
                                                                                                                                                                                                  5000.00 1000.00
                                                                                                                                                                                                                                                                              1
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0.70850487E+01 0.35299279E-01-0.12112658E-04 0.19464539E-08-0.12061989E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
-0.31231434E+05 0.24903488E+01 0.16247107E+01 0.60699347E-01-0.46701171E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     0.19525379E-07-0.30622833E-11-0.30748021E+05 0.26978991E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                  G 0300.00
pelol3*o4e Thergas3/20/9c
                                                                                                                                                          5h
                                                                                                                                                                                     80
                                                                                                                                                                                                                                                                                                                            5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
                                                                                                                                                                                                                 2.
      0.30589117E + 02 - 0.44905175E - 02 \quad 0.53424619E - 05 - 0.13882864E - 08 \quad 0.11514799E - 12 \quad 0.1151479E - 12 \quad 0.1151
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
-0.46435027E + 05 - 0.13154630E + 03 \quad 0.38101373E + 01 \quad 0.42214815E - 01 - 0.14987122E - 04 \quad 0.46435027E + 05 - 0.14987122E - 04 \quad 0.4643502E + 0.14987122E - 04 \quad 0.4643502E + 0.14987122E - 04 \quad 0.4643502E + 0.14987122E - 0.14987122
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
-0.10940863E-08 0.38778068E-12-0.36360262E+05 0.16729578E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
pelol3*o4e2j 3/20/9THERMc
                                                                                                                                                           5h
                                                                                                                                                                                      70
                                                                                                                                                                                                              2
                                                                                                                                                                                                                                            0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1390.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  41
      1.85185590E+01 1.67847056E-02-5.84663771E-06 9.18856573E-10-5.37649177E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
-2.30549435E + 04 - 6.64450966E + 01 \quad 9.82120356E - 01 \quad 6.25670488E - 02 - 5.35096399E - 05 \quad 6.25670488E - 02 - 5.35096399E - 02 \quad 6.25670488E - 02 - 5.35096399E - 02 \quad 6.2567048E - 02 - 5.350968E - 02 \quad 6.2567048E - 02 - 5.350968E - 02 - 5.350968E
                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
      2.41079161E-08-4.41716727E-12-1.73521169E+04 2.61876951E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
peljol3*o4e 3/20/9 THERMC
                                                                                                                                                          5h
                                                                                                                                                                                      70
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      1.72019051E+01 1.77570506E-02-6.14777025E-06 9.62132331E-10-5.61288190E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
3
      2.01266097E-08-3.71218788E-12-1.77440592E+04 2.05713364E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
c2h3coch2hco 3/20/9THERMc
                                                                                                                                                          5h
                                                                                                                                                                                     60
                                                                                                                                                                                                                   2
                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  31
      1.68769642E+01 1.61913284E-02-5.67379327E-06 8.95337958E-10-5.25401315E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
 -3.47616195E+04-5.83230757E+01 6.87543627E-02 5.60251296E-02-4.23175060E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      1.65049826E-08-2.64604084E-12-2.89522325E+04 3.17961457E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
c2h3coch2co 3/20/9 THERMC
                                                                                                                                                           5h
                                                                                                                                                                                      50
                                                                                                                                                                                                                  2
                                                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  31
      1.64836434E+01 1.40142410E-02-4.93114637E-06 7.80298041E-10-4.58778183E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
  -1.58061802E+04-5.45415411E+01 8.15192809E-01 5.13180232E-02-3.93553532E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      1.54604269E-08-2.48263477E-12-1.04190407E+04 2.93875755E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                         3/20/ 9 THERMC
                                                                                                                                                          4h
                                                                                                                                                                                      40
                                                                                                                                                                                                                   2
                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1385.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  21
c2h3cohco
      1.43267687E+01 1.11375907E-02-3.93010308E-06 6.23089893E-10-3.66842168E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
-2.85387223E+04-4.71741680E+01 1.24245677E+00 4.21681144E-02-3.23559692E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     1.26200873E-08-2.00398462E-12-2.40361565E+04 2.29423532E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                            3/20/ 9 THERMC
                                                                                                                                                          4h
                                                                                                                                                                               30
                                                                                                                                                                                                                   2
                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1387.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  21
c2h3coco
     1.37903577E+01 8.97825351E-03-3.16926957E-06 5.02571817E-10-2.95927355E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       2
-1.24019447E + 04 - 4.35131404E + 01 \quad 2.45455231E + 00 \quad 3.75185736E - 02 - 3.14284407E - 05 \quad 3.7518576E - 02 - 3.14284407E - 00 \quad 3.7518676E - 00 \quad 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     1.35165580E-08-2.35619537E-12-8.64960319E+03 1.66745856E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
C60A0D
                                                                                                                                                           6h 10o
                                                                                                                                                                                                                 2.
                                                                                                                                                                                                                                                   G 0300.00
                                                                                                                                                                                                                                                                                                                        5000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                       1
                                                                                                                                    C
-0.12573102E + 02 \quad 0.78058399E - 01 - 0.34696928E - 04 \quad 0.66868675E - 08 - 0.47086434E - 12 - 0.47086434E - 0.47086444E - 0.47086444E - 0.47086444E - 0.47086444E - 0.4708644E - 0.47086444E - 0.4708644E - 0.4708644E - 0.4708644E - 0.4708644E - 0.4708644E - 0.470864E - 0.47086E - 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
-0.39899969E + 05 \quad 0.11103112E + 03 \quad 0.14208453E + 01 \quad 0.70562162E - 01 - 0.50962513E - 04 \quad 0.70562162E - 0.70562E - 0.70562162E - 0.70562E - 
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     0.15004934E-07 \quad 0.81338799E-12-0.47060305E+05 \quad 0.26899633E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                                                                                                                   G 0300.00
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сбоуАоD
                                                                                                                                    С
                                                                                                                                                           6h
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                                                                                                                                                                                                                 2
-0.93244343E+01 \quad 0.67222312E-01-0.27887543E-04 \quad 0.51179700E-08-0.34791446E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2.
-0.22908547E+05 \quad 0.95663322E+02 \quad 0.18367063E+01 \quad 0.68703756E-01-0.57223951E-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
     0.23976128E-07-0.26011268E-11-0.29295502E+05 \quad 0.26028908E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                            3/ 8/ 7 THERMC
VINacrol
                                                                                                                                                          5h
                                                                                                                                                                                    60
                                                                                                                                                                                                                 1
                                                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                                                300.000 5000.000 1390.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  2.1
     1.96694186E+01 9.47268019E-03-3.43345392E-06 5.54119499E-10-3.30290903E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
-1.21198582E + 04 - 7.96616315E + 01 - 1.49467174E + 00 \quad 6.32157577E - 02 - 5.57679330E - 05 - 1.21198582E + 04 - 1.211982E +
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      2.37098997E-08-3.94697393E-12-5.31850599E+03 3.22824837E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                           7h 13o
                                                                                                                                                                                                                   00
                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                          300.00
                                                                                                                                                                                                                                                                                                                            3000.00 1000.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
P2c4h614
      0..19672320E + 02 \quad 0..27687470E - 01 - 0..79897730E - 05 \quad 0..11365280E - 08 - 0..64848860E - 13 - 0..04848860E - 0..0
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
      0.60075160E + 04 - 0.73268260E + 02 - 0.35493880E + 01 0.93466240E - 01 - 0.78503050E - 04
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.36474530E-07-0.74456470E-11 0.12485930E+05 0.46685370E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        1
P2c4h513
                                                                                                                                     С
                                                                                                                                                           7h 12o
                                                                                                                                                                                                                   00
                                                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                                                          300.00
                                                                                                                                                                                                                                                                                                                             3000.00 1000.00
      0.17810300E+02 0.29455120E-01-0.96432360E-05 0.14973100E-08-0.90522930E-13
-0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ 0.81644630E - 01 - 0.53366480E - 04 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 04 - 0.66349990E + 02 - 0.21090900E + 01 \\ -0.41163220E + 0.0000E + 0.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      0.11908060E-07 0.93417400E-12 0.14750950E+04 0.37193940E+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
ch2ch2ch2hco 3/19/7THERMc
                                                                                                                                                           4h
                                                                                                                                                                                       70
                                                                                                                                                                                                                   1
                                                                                                                                                                                                                                               0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1379.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                   31
     1.30322954E+01 1.62418373E-02-5.54388124E-06 8.59723685E-10-4.98459726E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
-6.45915975E+03-3.85453878E+01 2.67672303E+00 3.73064128E-02-2.11281405E-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                        3
      5.80472681E-09-6.09688236E-13-2.49714183E+03 1.82696076E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                             7/11/ 7 THERMC
                                                                                                                                                           5h
                                                                                                                                                                                                                                                                          300.000 5000.000 1388.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  31
Ac50B
                                                                                                                                                                                      90
                                                                                                                                                                                                                  1
                                                                                                                                                                                                                                               0G
     1.69313136E+01 2.07518568E-02-7.13681085E-06 1.11208678E-09-6.46860138E-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.
-1.79816527E + 04 - 5.98448615E + 01 1.19201012E + 00 5.69526100E - 02 - 3.95451315E - 05
                                                                                                                                                                                                                                                                                                                                                                                                                                                       3
     1.46451683E-08-2.28996216E-12-1.23840665E+04 2.50122634E+01
                                                                                                                                                                                                                                                                                                                                                                                                                                                        4
                                                                                                                                                           5h
                                                                                                                                                                                      80
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                                                                                                                                                                                                                                              0G
                                                                                                                                                                                                                                                                          300.000 5000.000 1000.000
                                                                                                                                                                                                                                                                                                                                                                                                                                                  2.1
etvinket
                                                                                                                                    C
      0.28373096E+02-0.42534666E-02 0.51976122E-05-0.13628563E-08 0.11350900E-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2
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-0.27606387E + 05 - 0.12429077E + 03  0.26887226E + 01  0.40447008E - 01 - 0.14406912E - 04 - 0.40447008E - 01 - 0.40447008E -	3
-0.76786449E-09 0.26892808E-12-0.17917240E+05 0.17995195E+02	4
c2h3coc2h4 3/19/ 7 THERMc 5h 7o 1 0G 300.000 5000.000 1386.000	31
1.51607797E+01 1.74597490E-02-6.06668423E-06 9.51792018E-10-5.56230162E-14	2
-5.25093416E+02-4.94554651E+01 1.26715080E+00 5.04051808E-02-3.71925903E-05	3
1.49232602E-08-2.54196869E-12 4.36559254E+03 2.51816237E+01	4
END	

END						
Transport data						
he	0	10.200	2.576	0.000	0.000	0.000
ar	0	136.500	3.330	0.000	0.000	0.000
a	0	136.500	3.330	0.000	0.000	0.000
е	0	850.	425.	0.000	0.000	1.000
cl	0	130.8	3.613	0.000	0.000	1.000
cl-	0	130.8	3.613	0.000	0.000	1.000
hcl	1	344.7	3.339	1.084	0.000	1.000
f	0	80.000	2.750	0.000	0.000	0.000
hf	1	330.000	3.148	1.920	2.460	1.000
hf0	1	352.000	2.490	1.730	0.000	5.000
hf1	1	352.000	2.490	1.730	0.000	5.000
hf2	1	352.000	2.490	1.730	0.000	5.000
hf3	1	352.000	2.490	1.730	0.000	5.000
hf4	1	352.000	2.490	1.730	0.000	5.000
hf5	1	352.000	2.490	1.730	0.000	5.000
hf6	1	352.000	2.490	1.730	0.000	5.000
hf7	1	352.000	2.490	1.730	0.000	5.000
hf8	1	352.000	2.490	1.730	0.000	5.000
f2	1	125.700	3.301	0.000	1.600	3.800
h	0	145.000	2.050	0.000	0.000	0.000
oh	1	80.000	2.750	0.000	0.000	0.000
ho2	2	107.400	3.458	0.000	0.000	1.000
h2	1	38.000	2.920	0.000	0.790	280.000
h2o	2	572.400	2.605	1.844	0.000	4.000
h2o2	2	107.400	3.458	0.000	0.000	3.800
0	0	80.000	2.750	0.000	0.000	0.000
02	1	107.400	3.458	0.000	1.600	3.800
03	2	180.000	4.100	0.000	0.000	2.000
n	0	71.400	3.298	0.000	0.000	0.000
nh	1	80.000	2.650	0.000	0.000	4.000
hno	2	116.700	3.492	0.000	0.000	1.000
hono	2	232.400	3.828	0.000	0.000	1.000
nh2	2	80.000	2.650	0.000	2.260	4.000
h2no	2	116.700	3.492	0.000	0.000	1.000
hnoh	2	116.700	3.492	0.000	0.000	1.000
nh3	2	481.000	2.920	1.470	0.000	10.000
n2	1	97.530	3.621	0.000	1.760	4.000
nnh	2	71.400	3.798	0.000	0.000	1.000
hnno	2	232.400	3.828	0.000	0.000	1.000
n2h2	2	71.400	3.798	0.000	0.000	1.000
n2h3	2	200.000	3.900	0.000	0.000	1.000
n2h4	2	205.000	4.230	0.000	4.260	1.500
n2o	1	232.400	3.828	0.000	0.000	1.000
no	1	97.530	3.621	0.000	1.760	4.000
no2	2	200.000	3.500	0.000	0.000	1.000
S	0	847.000	3.839	0.000	0.000	0.000
sh	1	847.000	3.900	0.000	0.000	1.000
hso2	2	252.000	4.290	0.000	0.000	1.000
h2s	2	301.000	3.600	0.000	0.000	1.000
so	1	301.000	3.993	0.000	0.000	1.000
so2	2	252.000	4.290	0.000	0.000	1.000
so3	2	378.400	4.175	0.000	0.000	1.000

s2	1	847.000	3.900	0.000	0.000	1.000
C	0	71.400	3.298	0.000	0.000	0.000
ch	1	80.000	2.750	0.000	0.000	0.000
hcn	1	569.000	3.630	0.000	0.000	1.000
hcno	2	232.400	3.828	0.000	0.000	1.000
hocn	2	232.400	3.828	0.000	0.000	1.000
hnco	2	232.400	3.828	0.000	0.000	1.000
hcnn	2	150.000	2.500	0.000	0.000	1.000
hco	2	498.000	3.590	0.000	0.000	0.000
cho	2	498.000	3.590	0.000	0.000	0.000
	1				0.000	
hco+		498.000	3.590	0.000		0.000
cho+	1	498.000	3.590	0.000	0.000	0.000
ch2	1	144.000	3.800	0.000	0.000	0.000
sch2	1	144.000	3.800	0.000	0.000	0.000
ch2(s)	1	144.000	3.800	0.000	0.000	0.000
h2cn	1	569.000	3.630	0.000	0.000	1.000
ch2o	2	498.000	3.590	0.000	0.000	2.000
	1					
ch3		144.000	3.800	0.000	0.000	0.000
ch3o	2	417.000	3.690	1.700	0.000	2.000
ch2oh	2	417.000	3.690	1.700	0.000	2.000
ch3o2	2	481.800	3.626	0.000	0.000	1.000
ch3no3	2	232.400	3.828	0.000	0.000	1.000
ch4	2	141.400	3.746	0.000	2.600	13.000
ch4o	2	417.000	3.690	1.700	0.000	2.000
	2					
ch3oh		481.800	3.626	0.000	0.000	1.000
ch3o2h	2	481.800	3.626	0.000	0.000	1.000
cn	1	75.000	3.856	0.000	0.000	1.000
nco	1	232.400	3.828	0.000	0.000	1.000
cn2	1	232.400	3.828	0.000	0.000	1.000
ncn	1	232.400	3.828	0.000	0.000	1.000
cnn	1	232.400	3.828	0.000	0.000	1.000
	2					
ncno		232.400	3.828	0.000	0.000	1.000
CO	1	98.100	3.650	0.000	1.950	1.800
co2	1	244.000	3.763	0.000	2.650	2.100
c2	1	97.530	3.621	0.000	1.760	4.000
c2h	1	209.000	4.100	0.000	0.000	2.500
hc2n2	1	349.000	4.361	0.000	0.000	1.000
hcco	2	150.000	2.500	0.000	0.000	1.000
c2h2	1	209.000	4.100	0.000	0.000	2.500
hccoh		436.000	3.970	0.000	0.000	2.000
	2					
ch2co	2	436.000	3.970	0.000	0.000	2.000
choco	2	436.000	3.970	0.000	0.000	2.000
c2h3	2	209.000	4.100	0.000	0.000	1.000
c2h3o	2	436.000	3.970	0.000	0.000	2.000
c2h2oh	2	224.700	4.162	0.000	0.000	1.000
ch2hco	2	436.000	3.970	0.000	0.000	2.000
ch3co	2	436.000	3.970	0.000	0.000	2.000
ch2cho	2	436.000	3.970	0.000	0.000	2.000
ch2chow	2	436.000	3.970	0.000	0.000	2.000
ch3co	2	436.000	3.970	0.000	0.000	2.000
ch3co2	2	436.000	3.970	0.000	0.000	2.000
ch3co3	2	436.000	3.970	0.000	0.000	2.000
c2h4	2	280.800	3.971	0.000	0.000	1.500
c2h4o	2	436.000	3.970	0.000	0.000	2.000
c2h4o2h	2	436.000	3.970	0.000	0.000	2.000
	2					
ch3hco		436.000	3.970	0.000	0.000	2.000
ch3cho	2	436.000	3.970	0.000	0.000	2.000
ch3hcow	2	436.000	3.970	0.000	0.000	2.000
ch3cho	2	436.000	3.970	0.000	0.000	2.000
chocho	2	436.000	3.970	0.000	0.000	2.000
ch3co2h	2	436.000	3.970	0.000	0.000	2.000

ch3co3h	2	436.000	3.970	0.000	0.000	2.000
c2h5	2	252.300	4.302	0.000	0.000	1.500
c2h5o2	2	391.000	4.455	0.000	0.000	1.000
	2			0.000	0.000	
c2h5o2h		391.000	4.455			1.000
pc2h5o	2	391.000	4.455	0.000	0.000	1.000
sc2h5o	2	391.000	4.455	0.000	0.000	1.000
c2h5o	2	391.000	4.455	0.000	0.000	1.000
c2h6	2	252.300	4.302	0.000	0.000	1.500
c2h5oh	2	391.000	4.455	0.000	0.000	1.000
ch3o2ch3	2	357.000	5.180	0.000	0.000	1.000
	1					
cnc		232.400	3.828	0.000	0.000	1.000
c2n	1	232.400	3.828	0.000	0.000	1.000
c2n2	1	349.000	4.361	0.000	0.000	1.000
c2o	1	232.400	3.828	0.000	0.000	1.000
c3h2	2	209.000	4.100	0.000	0.000	1.000
c3h2o	2	209.000	4.100	0.000	0.000	1.000
c3h3	1	252.000	4.760	0.000	0.000	1.000
c3h3o	1	252.000	4.760	0.000	0.000	1.000
h2ccch	2	252.000	4.760	0.000	0.000	1.000
ch3cc	2	252.000	4.760	0.000	0.000	1.000
c3h4	1	252.000	4.760	0.000	0.000	1.000
c3h4p	1	252.000	4.760	0.000	0.000	1.000
pc3h4	1	252.000	4.760	0.000	0.000	1.000
ac3h4	1	252.000	4.760	0.000	0.000	1.000
aceton	1	252.000	4.760	0.000	0.000	1.000
metacrol	1	252.000	4.760	0.000	0.000	1.000
	1		4.760	0.000	0.000	
c3h4c		252.000				1.000
sc3h5	2	260.000	4.850	0.000	0.000	1.000
ac3h5	2	260.000	4.850	0.000	0.000	1.000
c3h5	2	260.000	4.850	0.000	0.000	1.000
ch3cch2	2	260.000	4.850	0.000	0.000	1.000
ch2chch2	2	260.000	4.850	0.000	0.000	1.000
ch3chch	2	260.000	4.850	0.000	0.000	1.000
c3h5o	2	260.000	4.850	0.000	0.000	1.000
c3h4oh	2	260.000	4.850	0.000	0.000	1.000
	2				0.000	
c3h5co		357.000	5.180	0.000		1.000
c3h6	2	266.800	4.982	0.000	0.000	1.000
c3h6o	2	391.000	4.455	0.000	0.000	1.000
ch2coch3	2	391.000	4.455	0.000	0.000	1.000
c3h4o2h	2	391.000	4.455	0.000	0.000	1.000
ic3h7	2	266.800	4.982	0.000	0.000	1.000
nc3h7	2	266.800	4.982	0.000	0.000	1.000
ic3h7o	2	266.800	4.982	0.000	0.000	1.000
nc3h7o	2	266.800	4.982	0.000	0.000	1.000
c3h6oh	2	391.000	4.455	0.000	0.000	1.000
ic3h7o2	2	266.800	4.982	0.000	0.000	1.000
nc3h7o2	2	266.800	4.982	0.000	0.000	1.000
o2c3h6oh	2	391.000	4.455	0.000	0.000	1.000
c3h7	2	266.800	4.982	0.000	0.000	1.000
c3h5o2h	2	260.000	4.850	0.000	0.000	1.000
tc3h5	2	260.000	4.850	0.000	0.000	1.000
c3h8	2	266.800	4.982	0.000	0.000	1.000
ic3h7o2h	2	266.800	4.982	0.000	0.000	1.000
nc3h7o2h	2	266.800	4.982	0.000	0.000	1.000
c4h	1	357.000	5.180	0.000	0.000	1.000
c4h2	1	357.000	5.180	0.000	0.000	1.000
h2c4o	2	357.000	5.180	0.000	0.000	1.000
c4h3	2	357.000	5.180	0.000	0.000	1.000
ic4h3	2	357.000	5.180	0.000	0.000	1.000
nc4h3	2	357.000	5.180	0.000	0.000	1.000
ch2chcch	2	357.000	5.180	0.000	0.000	1.000

ch2chcch2	2	357.000	5.180	0.000	0.000	1.000
h2ccch	2	357.000	5.180	0.000	0.000	1.000
hcchcch	2	357.000	5.180	0.000	0.000	1.000
c4h2oh	2	224.700	4.162	0.000	0.000	1.000
	2					1.000
c4h4		243.0	4.92	0.0	0.0	
butyne	2	243.0	4.92	0.0	0.0	1.0
butyn2	2	243.0	4.92	0.0	0.0	1.0
h2ccch2	2	357.000	5.180	0.000	0.000	1.000
c4h5	1	252.000	4.760	0.000	0.000	1.000
c4h5o	1	252.000	4.760	0.000	0.000	1.000
oc4h6	1	252.000	4.760	0.000	0.000	1.000
ch3ccch2	2	357.000	5.180	0.000	0.000	1.000
ic4h5	2	243.0	4.92	0.0	0.0	1.0
nc4h5	2	243.0	4.92	0.0	0.0	1.0
ch2chchch	2	357.000	5.180	0.000	0.000	1.000
c4h6	2	357.000	5.180	0.000	0.000	1.000
meall	2	357.000	5.180	0.000	0.000	1.000
c4h612	2	357.000	5.180	0.000	0.000	1.000
hoc4h6	2	357.000	5.180	0.000	0.000	1.000
c4h6o2h	2	357.000	5.180	0.000	0.000	1.000
	2					
ch3ccch3		357.000	5.180	0.000	0.000	1.000
ch3ch2cch	2	357.000	5.180	0.000	0.000	1.000
ch2chchch2	2	357.000	5.180	0.000	0.000	1.000
c4h7	2	357.000	5.180	0.000	0.000	1.000
c4h7o	2	357.000	5.180	0.000	0.000	1.000
c4h7o2	2	357.000	5.180	0.000	0.000	1.000
ac4h7	2	334.7	5.06	0.0	0.0	1.0
c4h73	2	357.000	5.180	0.000	0.000	1.000
ic4h7	2	357.000	5.180	0.000	0.000	1.000
c4h8	2	357.000	5.176	0.000	0.000	1.000
c4h8o	2	357.000	5.176	0.000	0.000	1.000
ic4h8oh	2	357.000	5.176	0.000	0.000	1.000
ac4h8	2	334.7	5.06	0.0	0.0	1.0
y1c4h8	2	334.7	5.06	0.0	0.0	1.0
t2c4h8	2	357.000	5.176	0.000	0.000	1.000
y2c4h8	2	357.000	5.176	0.000	0.000	1.000
uc4h8	2	357.000	5.176	0.000	0.000	1.000
ic4h8	2	357.000	5.176	0.000	0.000	1.000
c4h9	2					
		357.000	5.176	0.000	0.000	1.000
i*c4h9	2	357.000	5.176	0.000	0.000	1.000
ic4h9	2	357.000	5.176	0.000	0.000	1.000
c4h7m	2	357.000	5.176	0.000	0.000	1.000
tc4h9	2	357.000	5.176	0.000	0.000	1.000
pc4h9	2	341.2	5.16	0.0	0.0	1.0
s*c4h9	2	357.000	5.176	0.000	0.000	1.000
sc4h9	2	341.2	5.16	0.0	0.0	1.0
c4h10	2	357.000	5.176	0.000	0.000	1.000
nc4h10	2	357.000	5.176	0.000	0.000	1.000
ic4h10	2	357.000	5.176	0.000	0.000	1.000
c5h2	1	357.000	5.180	0.000	0.000	1.000
c5h3	1	357.000	5.180	0.000	0.000	1.000
c5h8	2	375.6	5.29	0.0	0.0	1.0
c5h813	2	375.6	5.29	0.0	0.0	1.0
cyc5h8	2	375.6	5.29	0.0	0.0	1.0
isope	2	375.6	5.29	0.0	0.0	1.0
c5h7c	2	378.8	5.42	0.0	0.0	1.0
c5h7	2	378.8	5.42	0.0	0.0	1.0
	2	378.8	5.42	0.0	0.0	1.0
cyc5h7	2					
isopy		378.8	5.42	0.0	0.0	1.0
ac5h10	2	378.8	5.42	0.0	0.0	1.0
fulvene	2	378.8	5.42	0.0	0.0	1.0

t2c5h10	2	378.8	5.42	0.0	0.0	1.0
c2c5h10	2	378.8	5.42	0.0	0.0	1.0
me1bu2	2	378.8	5.42	0.0	0.0	1.0
me2bu2	2	378.8	5.42	0.0	0.0	1.0
y1c5h10	2	378.8	5.42	0.0	0.0	1.0
_						
bc5h10	2	387.6	5.42	0.0	0.0	1.0
Ac5h11	2	380.4	5.51	0.0	0.0	1.0
Bc5h11	2	380.4	5.51	0.0	0.0	1.0
Cc5h11	2	380.4	5.51	0.0	0.0	1.0
y1c5h11	2	380.4	5.51	0.0	0.0	1.0
_	2	380.4				1.0
tc5h11			5.51	0.0	0.0	
neoc5h11	2	380.4	5.51	0.0	0.0	1.0
c6h2	1	357.000	5.180	0.000	0.000	1.000
c6h5(1)	2	412.300	5.349	0.000	0.000	1.000
c5h5oh	2	450.000	5.500	0.000	0.000	1.000
c5h5o	2	450.000	5.500	0.000	0.000	1.000
c5h5o13	2	450.000	5.500	0.000	0.000	1.000
c2c4h8	2	412.300	5.349	0.000	0.000	1.000
c6h9cy2	2	412.300	5.349	0.000	0.000	1.000
c6h10	2	412.300	5.349	0.000	0.000	1.000
chd13	2	412.300	5.349	0.000	0.000	1.000
cyc6h11	2	414.9	5.73	0.0	0.0	1.0
ac6h12	2	414.9	5.73	0.0	0.0	1.0
nc5h12	2	414.9	5.73	0.0	0.0	1.0
y1c6h12	2	414.9	5.73	0.0	0.0	1.0
cyc6h12	2	414.9	5.73	0.0	0.0	1.0
y1c6h13	2	415.2	5.83	0.0	0.0	1.0
y2c6h13	2	415.2	5.83	0.0	0.0	1.0
Ac6h13	2	415.2	5.83	0.0	0.0	1.0
ic6h13	2	415.2	5.83	0.0	0.0	1.0
c7h13	2	448.0	6.02	0.0	0.0	1.0
c7h1313	2	448.0	6.02	0.0	0.0	1.0
c7h1324	2	448.0	6.02	0.0	0.0	1.0
c7h1335	2	448.0	6.02	0.0	0.0	1.0
ic7h13	2	448.0	6.02	0.0	0.0	1.0
ac7h14	2	448.0	6.02	0.0	0.0	1.0
bc7h14	2	448.0	6.02	0.0	0.0	1.0
1c7h14	2	448.0	6.02	0.0	0.0	1.0
y1c7h14	2	448.0	6.02	0.0	0.0	
<del>-</del>						1.0
cc7h14	2	448.0	6.02	0.0	0.0	1.0
ic7h15	2	446.7	6.12	0.0	0.0	1.0
Ac7h15	2	446.7	6.12	0.0	0.0	1.0
y1c7h15	2	446.7	6.12	0.0	0.0	1.0
1c7h15	2	446.7	6.12	0.0	0.0	1.0
Bc7h15	2	446.7	6.12	0.0	0.0	1.0
y2c7h15	2	446.7	6.12	0.0	0.0	1.0
2c7h15	2	446.7	6.12	0.0	0.0	1.0
Cc7h15	2	446.7	6.12	0.0	0.0	1.0
3c7h15	2	446.7	6.12	0.0	0.0	1.0
y3c7h15	2	446.7	6.12	0.0	0.0	1.0
Dc7h15	2	446.7	6.12	0.0	0.0	1.0
y4c7h15	2	446.7	6.12	0.0	0.0	1.0
4c7h15	2	446.7	6.12	0.0	0.0	1.0
nc7h16	2	446.7	6.12	0.0	0.0	1.0
ac8h15	2	482.8	6.28	0.0	0.0	1.0
ac8h16	2	482.8	6.28	0.0	0.0	1.0
Ac8h17	2	473.0	6.40	0.0	0.0	1.0
Bc8h17	2	473.0	6.40	0.0	0.0	1.0
Cc8h17	2	473.0	6.40	0.0	0.0	
						1.0
Dc8h17	2	473.0	6.40	0.0	0.0	1.0
ac9h17	2	500.8	5.42	0.0	0.0	1.0

ac9h18	2	500.8	6.64	0.0	0.0	1.0
Ac9h19	2	500.8	6.64	0.0	0.0	1.0
Bc9h19	2	500.8	6.64	0.0	0.0	1.0
	2					
Cc9h19		500.8	6.64	0.0	0.0	1.0
Dc9h19	2	500.8	6.64	0.0	0.0	1.0
Ec9h19	2	500.8	6.64	0.0	0.0	1.0
c14h14	2	523.6	6.87	0.0	0.0	1.0
napht	2	523.6	6.87	0.0	0.0	1.0
	2					
mhd		523.6	6.87	0.0	0.0	1.0
Ac10h21	2	523.6	6.87	0.0	0.0	1.0
Bc10h21	2	523.6	6.87	0.0	0.0	1.0
Cc10h21	2	523.6	6.87	0.0	0.0	1.0
Dc10h21	2	523.6	6.87	0.0	0.0	1.0
Ec10h21	2	523.6	6.87	0.0	0.0	1.0
nc10h22	2	523.6	6.87	0.0	0.0	1.0
si	0	3036.	2.910	0.000	0.000	0.000
sif4	2	171.9	4.880	0.000	0.000	1.000
sih	1	95.8	3.662	0.000	0.000	1.000
	2					
sih2		133.1	3.803	0.000	0.000	1.000
sih3	2	170.3	3.943	0.000	0.000	1.000
sih4	2	207.6	4.084	0.000	0.000	1.000
si2	1	3036.	3.280	0.000	0.000	1.000
si2h2	2	323.8	4.383	0.000	0.000	1.000
si2h3	2					
		318.2	4.494	0.000	0.000	1.000
si2h4	2	312.6	4.601	0.000	0.000	1.000
h2sisih2	2	312.6	4.601	0.000	0.000	1.000
h3sisih	2	312.6	4.601	0.000	0.000	1.000
si2h5	2	306.9	4.717	0.000	0.000	1.000
si2h6	2	301.3	4.828	0.000	0.000	1.000
si3	2	3036.	3.550	0.000	0.000	1.000
si3h8	2	331.2	5.562	0.000	0.000	1.000
ash3	2	259.8	4.145	0.000	0.000	1.000
as2	1	1045.5	5.510	0.000	0.000	1.000
k+	0	850.	4.25	0.000	0.000	1.000
kh	1	93.3	3.542	0.000	0.000	1.000
kcl	1	1989.	4.186	0.000	0.000	1.000
ga	0	2961.8	4.62	0.000	0.000	0.000
k	0	850.	4.25	0.000	0.000	1.000
koh	2	1213.	4.52	0.000	0.000	1.000
			3.812			
ko	1	383.0		0.000	0.000	1.000
ko2	2	1213.	4.69	0.000	0.000	1.000
game	2	972.7	4.92	0.000	0.000	1.000
game2	2	675.8	5.22	0.000	0.000	1.000
game3	2	378.2	5.52	0.000	0.000	1.000
me2b12	2	378.8	5.42	0.0	0.0	1.0
	2					
me2b13		378.8	5.42	0.0	0.0	1.0
mepral2	2	378.8	5.42	0.0	0.0	1.0
mepryl2	2	378.8	5.42	0.0	0.0	1.0
c6h7	2	357.0	5.18	0.0	0.0	1.0
c6h7C	2	357.0	5.18	0.0	0.0	1.0
	2					1.0
c6h11		357.0	5.176	0.0	0.0	
c6h6	2	357.0	5.176	0.0	0.0	1.0
nc6h6	2	357.0	5.176	0.0	0.0	1.0
cyc6h10	2	357.0	5.176	0.0	0.0	1.0
mc6h6	2	357.0	5.176	0.0	0.0	1.0
c6h615	2	357.0	5.176	0.0	0.0	1.0
c6h5oh	2	357.0	5.176	0.0	0.0	1.0
c6h5o	2	357.0	5.176	0.0	0.0	1.0
c6h9	2	357.0	5.176	0.0	0.0	1.0
c6h8	2	357.0	5.176	0.0	0.0	1.0
c6h5	2	357.0	5.176	0.0	0.0	1.0

ac5h10	2	357.0	5.176	0.0	0.0	1.0
t2c5h10	2	357.0	5.176	0.0	0.0	1.0
c2c5h10	2	357.0	5.176	0.0	0.0	1.0
c5h9	2	357.0	5.176	0.0	0.0	1.0
	2		5.176			
c5h913		357.0		0.0	0.0	1.0
c5h924	2	357.0	5.176	0.0	0.0	1.0
toluen	2	357.0	5.176	0.0	0.0	1.0
phch2oh	2	357.0	5.176	0.0	0.0	1.0
phch2o	2	357.0	5.176	0.0	0.0	1.0 !
phco	2	357.0	5.176	0.0	0.0	1.0
phch2	2	357.0	5.176	0.0	0.0	1.0
	2					
phhco		357.0	5.176	0.0	0.0	1.0
phc2h4	2	357.0	5.176	0.0	0.0	1.0
Aphc2h4	2	357.0	5.176	0.0	0.0	1.0 !
Bphc2h4	2	357.0	5.176	0.0	0.0	1.0 !
phc2h5	2	357.0	5.176	0.0	0.0	1.0
phc2h	2	357.0	5.176	0.0	0.0	1.0
styren	2	357.0	5.176	0.0	0.0	1.0
Bc6h13	2	357.0	5.176	0.0	0.0	1.0
	2					
hex1245		357.0	5.176	0.0	0.0	1.0
CPD	2	357.0	5.176	0.0	0.0	1.0
c5h5	2	357.0	5.176	0.0	0.0	1.0
c3h5o2	2	266.8	4.982	0.0	0.0	1.0
c2h5co	2	266.8	4.982	0.0	0.0	1.0
c2h3co	2	266.8	4.982	0.0	0.0	1.0
c5h4oh	2	266.8	4.982	0.0	0.0	1.0
c5h4o	2	266.8	4.982	0.0	0.0	1.0
	2					
c3h4o		252.0	4.760	0.0	0.0	1.0
acrol	2	252.0	4.760	0.0	0.0	1.0
ethco	2	252.0	4.760	0.0	0.0	1.0
phc3h7	2	482.8	6.28	0.0	0.0	1.0
cyc6h12	2	482.8	6.28	0.0	0.0	1.0
cyc9h18	2	482.8	6.28	0.0	0.0	1.0
cyc8h14	2	482.8	6.28	0.0	0.0	1.0
cyc7h12	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			
p2c4h513				0.0	0.0	1.0
c8h1514	2	482.8	6.28	0.0	0.0	1.0
c8h1514	2	482.8	6.28	0.0	0.0	1.0
c8h1515	2	482.8	6.28	0.0	0.0	1.0
c8h1516	2	482.8	6.28	0.0	0.0	1.0
c8h1517	2	482.8	6.28	0.0	0.0	1.0
c8h1518	2	482.8	6.28	0.0	0.0	1.0
c5h915	2	482.8	6.28	0.0	0.0	1.0
c6h1116	2	482.8	6.28	0.0	0.0	1.0
aphc3h6	2	482.8	6.28	0.0	0.0	1.0
_						
bphc3h6	2	482.8	6.28	0.0	0.0	1.0
cphc3h6	2	482.8	6.28	0.0	0.0	1.0
c5h5o13	2	482.8	6.28	0.0	0.0	1.0
cyc6h11	2	482.8	6.28	0.0	0.0	1.0
ac9h17c	2	482.8	6.28	0.0	0.0	1.0
bc9h17c	2	482.8	6.28	0.0	0.0	1.0
cc9h17c	2	482.8	6.28	0.0	0.0	1.0
dc9h17c	2	482.8	6.28	0.0	0.0	1.0
ec9h17c	2	482.8	6.28	0.0	0.0	1.0
fc9h17c	2	482.8	6.28	0.0	0.0	1.0
gc9h17c	2	482.8	6.28	0.0	0.0	1.0
c7h1314	2	482.8	6.28	0.0	0.0	1.0
c7h1331	2	482.8	6.28	0.0	0.0	1.0
c5h911	2	482.8	6.28	0.0	0.0	1.0
ac8h15c	2	482.8	6.28	0.0	0.0	1.0
ac7h13c	2	482.8	6.28	0.0	0.0	1.0
	4	102.0	5.20	5.0	5.0	±.0

p2c4h614	2	482.8	6.28	0.0	0.0	1.0
Cc6h13	2	482.8	6.28	0.0	0.0	1.0
c6h1112	2	482.8	6.28	0.0	0.0	1.0
	2					
c6h1115		482.8	6.28	0.0	0.0	1.0
BPHPROPY	2	482.8	6.28	0.0	0.0	1.0
ch3o2	2	482.8	6.28	0.0	0.0	1.0
ch3o2h	2	482.8	6.28	0.0	0.0	1.0
c2h5o2	2	482.8	6.28	0.0	0.0	1.0
c2h5o2h	2	482.8	6.28	0.0	0.0	1.0
	2					
ac10h20		482.8	6.28	0.0	0.0	1.0
c7h1213	2	482.8	6.28	0.0	0.0	1.0
c7h1216	2	482.8	6.28	0.0	0.0	1.0
c6h1113	2	482.8	6.28	0.0	0.0	1.0
c8h1513	2	482.8	6.28	0.0	0.0	1.0
ac10h19	2	482.8	6.28	0.0	0.0	1.0
c7h1213	2	482.8	6.28	0.0	0.0	1.0
c7h1216	2	482.8	6.28	0.0	0.0	1.0
c6h1113	2	482.8	6.28	0.0	0.0	1.0
ac11h22	2	482.8	6.28	0.0	0.0	1.0
ac12h24	2	482.8	6.28	0.0	0.0	1.0
ac13h26	2	482.8	6.28	0.0	0.0	1.0
ac14h28	2	482.8	6.28	0.0	0.0	1.0
ac15h30	2	482.8	6.28	0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0		
					0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					
cc13h27		482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
	-	102.0	J.20	J. U	J. U	0

gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
fc16h33		482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h24	2	482.8	6.28	0.0	0.0	1.0
ac13h26	2	482.8	6.28	0.0	0.0	1.0
ac14h28	2	482.8	6.28	0.0	0.0	1.0
ac15h30	2	482.8	6.28	0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0		1.0
					0.0	
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2		6.28	0.0	0.0	1.0
		482.8				
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
	2			0.0		
fc14h29		482.8	6.28		0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
ac15h29		482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0

hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac13h26	2	482.8	6.28	0.0	0.0	1.0
ac14h28	2	482.8	6.28	0.0	0.0	1.0
ac15h30	2	482.8	6.28	0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
	2					
bc11h23		482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0		1.0
					0.0	
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0		1.0
	2				0.0	
ac15h31		482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac14h28	2	482.8	6.28	0.0	0.0	1.0
ac15h30	2	482.8	6.28			
				0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0

ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
	2					
dc15h31		482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28		0.0	1.0
				0.0		
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
fc16h33		482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac15h30	2	482.8	6.28	0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0

dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
_	2	482.8	6.28			
ac14h27				0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
nc16h34	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					
dc14h29		482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0

ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
_						
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac11h23	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	
						1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25						
	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0

gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
bc11h23	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			1.0
cc11h23				0.0	0.0	
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28			
				0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
gc13h27		482.8		0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
gc14h29			6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
_						
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc11h23	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
	2					
bc12h25		482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
(CI2112)	4	102.0	0.20	0.0	0.0	<b>±.</b> 0

ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28			
				0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
ec13h27			6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
	2					
gc14h29		482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc11h23	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
ec11h23			6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0		
					0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					
dc13h27		482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
	_					

ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28			1.0
				0.0	0.0	
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ec11h23	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25						
	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0		1.0
					0.0	
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	1.0
cc15h31						
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
ec16h33		482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
fc11h23	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
ac12h25	2	482.8	6.28	0.0	0.0	1.0
	_			- • •		

bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
ac14h29		482.8		0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
	2					
ac16h33		482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac11h21	2	482.8	6.28	0.0	0.0	1.0
	2					
ac12h25		482.8	6.28	0.0	0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
	2					
ac13h27		482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					
gc13h27		482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0

ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
_	2					
ac14h27		482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
	2			0.0		
ac12h25		482.8	6.28		0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
	2					
bc16h33		482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
bc15h31		482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
ac15h29		482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0		
hc16h33					0.0	1.0
bc12h25	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0

dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28			
				0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31						
	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
dc16h33		482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc12h25	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
ec13h27		482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
	2					
fc14h29		482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0

bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
ac15h29		482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc12h25	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					
cc13h27		482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28			1.0
	2		6.28	0.0	0.0	
bc15h31	2	482.8		0.0	0.0	1.0
cc15h31		482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ec12h25	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28			
				0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0

ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28			
-				0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
cc14h29			6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
fc15h31		482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
gc16h33		482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
fc12h25	2	482.8	6.28	0.0	0.0	1.0
bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
dc14h29			6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
_						
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0		
					0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0

bc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			1.0
gc14h29				0.0	0.0	
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
_						
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28			
_				0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac12h23	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
ec13h27			6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
	2					
gc14h29		482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
hc15h31		482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0

cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac13h27	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28			
				0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
	2					
ac15h31		482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
bc13h27	2		6.28			
		482.8		0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	
gc14h29						1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0

ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc13h27	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
	2					1.0
ac13h25		482.8	6.28	0.0	0.0	
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc13h27	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0		1.0
					0.0	
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
	2			0.0		
bc15h31		482.8	6.28		0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
	2					
ac16h33	۷	482.8	6.28	0.0	0.0	1.0

cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc14h29	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28			
				0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0		1.0
_					0.0	
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
qc15h31	2	482.8	6.28	0.0	0.0	1.0
2						
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0		1.0
_					0.0	
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc15h31	2	482.8	6.28	0.0	0.0	1.0
ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
cc14h29			6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
fc16h33		482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0

ec13h27	2	482.8	6.28	0.0	0.0	1.0
fc13h27	2	482.8	6.28	0.0	0.0	1.0
qc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28			1.0
	2			0.0	0.0	
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29		482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	
	2					1.0
fc13h27		482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
gc16h33		482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
gc13h27	2	482.8	6.28	0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0

bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
_	2	482.8	6.28			
hc16h33				0.0	0.0	1.0
ac13h25	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
bc15h31		482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac14h29	2	482.8	6.28	0.0		
	2		6.28		0.0	1.0
bc14h29		482.8		0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
cc16h33		482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
bc14h29	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0

ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
ac16h33	2	482.8		0.0	0.0	1.0
cc16h33		482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc14h29	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28			1.0
	2			0.0	0.0	
cc16h33		482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ec14h29	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
fc14h29	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28			
GC1 7112 /	4	TU4.U	0.20	0.0	0.0	1.0

ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28			
				0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
gc14h29	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
ac15h31		482.8		0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28			
				0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
_						
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac14h27	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2		6.28	0.0		
		482.8			0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
fc16h33		482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac15h31	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
	2					
fc16h33	۷	482.8	6.28	0.0	0.0	1.0

gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
bc15h31	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28	0.0	0.0	1.0
	2					
ec15h31		482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
		482.8				
cc16h33	2		6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc15h31	2	482.8	6.28			1.0
				0.0	0.0	
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ec15h31	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0		
					0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
fc15h31	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			
ac15h29				0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
gc15h31	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0

hc16h33	2	482.8	6.28	0.0	0.0	1.0
hc15h31	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
ac16h33		482.8		0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac15h29	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ac16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28		0.0	
gc16h33				0.0		1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
cc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
dc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
ec16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
_						
hc16h33	2	482.8	6.28	0.0	0.0	1.0
fc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
gc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
hc16h33	2	482.8	6.28	0.0	0.0	1.0
	2			2.6	0.0	
bmepral		476.0	5.778			1.0
oc7h14	2	476.0	5.778	2.6	0.0	1.0
bmepryl	2	476.0	5.778	2.6	0.0	1.0
bme1bu	2	382.1	5.548	0.0	0.0	1.0
bme2bu	2	382.1	5.548	0.0	0.0	1.0
bddm1pe	2	382.1	5.548	0.0	0.0	1.0
bddm2pe	2	382.1	5.548	0.0	0.0	1.0
dddm1pe	2	382.1		0.0	0.0	
			5.548			1.0
dddm2pe	2	382.1	5.548	0.0	0.0	1.0
bddmpe2	2	382.1	5.548	0.0	0.0	1.0
bbdtmpe1	2	382.1	5.548	0.0	0.0	1.0
i1c8h16	2	485.6	6.440	0.3	0.0	1.0
i2c8h16	2	485.6	6.440	0.3	0.0	1.0
bddm3pe2	2	382.1	5.548	0.0	0.0	1.0
bme2b1	2	382.1	5.548	0.0	0.0	1.0
NIIIC ZINI	_	JU4.1	J.JTU	0.0	0.0	1.0

cme2b1 nec5h11 dddmpe2	2 2 2	382.1 357.8 382.1	5.548 5.550 5.548	0.0 0.0 0.0	0.0 0.0 0.0	1.0 1.0 1.0
bbdtmpe3	2	382.1	5.548	0.0	0.0	1.0
dddm2pe1	2	382.1	5.548	0.0	0.0	1.0
bddtmpe2	2	382.1	5.548	0.0	0.0	1.0
bddtmpe1	2	382.1	5.548	0.0	0.0	1.0
bddm1pe3	2	382.1	5.548	0.0	0.0	1.0
bddm2pe3	2	382.1	5.548	0.0	0.0	1.0
dddm2pe2	2	382.1	5.548	0.0	0.0	1.0
dm2my1pe	2	382.1	5.548	0.0	0.0	1.0
dddm1pe3	2	382.1	5.548	0.0	0.0	1.0
bddm2pe1	2	382.1	5.548	0.0	0.0	1.0
dddm1pe2	2	382.1	5.548	0.0	0.0	1.0
bme2pe4	2	382.1	5.548	0.0	0.0	1.0
bddm1pe1	2	382.1	5.548	0.0	0.0	1.0
ic8h18	2	458.5	6.414	0.0	0.0	1.0
! !T. Kathrotia, M. !C1	Bra	un-Unkhoff,	missing tra	ansdata ad	ded 1.09.2	2010
o2cho	2	436.000	3.970	0.000	0.000	2.000
ho2cho	2	436.000	3.970	0.000	0.000	2.000
ocho	2	498.000	3.590	0.000	0.000	2.000
hocho	2	436.000	3.970	0.000	0.000	2.000
hoch2o	2	470.600	4.410	0.000	0.000	1.500
!C2						
pc2h4oh	2	470.600	4.410	0.000	0.000	1.500
o2c2h4oh	2	523.200	5.664	1.700	0.000	1.000
ch3choh	2	417.000	3.690	1.700	0.000	2.000
!C3						
nc3h7oh	2	482.8	6.28	0.0	0.0	1.0
c3h6o1-3	2	403.600	4.968	2.000	0.000	1.000
c3h5e1q2	2	260.000	4.850	0.000	0.000	1.000
c3h5oh	2	481.500	4.997	1.700	0.000	1.000
ch3chco	2	443.200	4.120	0.000	0.000	1.000
ch2ch2hco	2	482.8	6.28	0.0	0.0	1.0
o2c2h4hco	2	482.8	6.28	0.0	0.0	1.0
ho2c2h4co	2	482.8	6.28	0.0	0.0	1.0
ho2c2h4hco	2	482.8	6.28	0.0	0.0	1.0
oc2h4hco	2	482.8	6.28	0.0	0.0	1.0
ch3cocho	2	482.8	6.28	0.0	0.0	1.0
ch3coco	2	482.8	6.28	0.0	0.0	1.0
ch2cohco	2	482.8	6.28	0.0	0.0	1.0
hcoch2hco	2	482.8	6.28	0.0	0.0	1.0
hcoch2co	2	482.8	6.28	0.0	0.0	1.0
ch3coch2o2	2	435.200	4.662	2.700	0.000	1.000
ch3coch2o	2	435.200	4.662	2.700	0.000	1.000
ch3coch2o2h	2	435.200	4.662	2.700	0.000	1.000
propynal	2	482.8	6.28	0.0	0.0	1.0
c2hco	2	482.8	6.28	0.0	0.0	1.0
!C4						
c4h4o	2	482.8	6.28	0.0	0.0	1.0
c3h4hco	2	482.8	6.28	0.0	0.0	1.0
c3h3hco	2	482.8	6.28	0.0	0.0	1.0
c3h3co	2	482.8	6.28	0.0	0.0	1.0
Ac4h7-1	2	357.000	5.180	0.000	0.000	1.000
Cc4h7-1	2	357.000	5.180	0.000	0.000	1.000
Dc4h7-1	2	357.000	5.180	0.000	0.000	1.000
nc3h7hco	2	482.8	6.28	0.0	0.0	1.0
c3h7co	2	482.8	6.28	0.0	0.0	1.0
c4h7oh	2	482.8	6.28	0.0	0.0	1.0

ac3h5hco ac3h5co c2h3chcho c4h8o2 butanone mvk ch2coc2h3 ch3chch2hco c3h6cho-1 ch3coc2h4p ch3coc2h4o2 ch3coc2h4o2 c2h5coch2o c2h5coch2o c2h5coch2o c4h7hco-1 c4h7hco-2 c4h8hco-2 !C5	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	482.8 357.000 482.8 496.000 357.000 252.000 482.8 482.8 464.200 482.8 482.8 482.8 482.8 482.8 482.8 482.8 482.8 482.8 482.8 482.8 482.8	6.28 5.180 6.28 5.200 5.176 4.760 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28 6.28	0.0 0.000 0.000 0.000 0.000 0.0 0.0 2.600 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.000 0.000 0.000 0.000 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.000 1.000 1.000 1.000 1.0 1.
c5h10 Ac5h9-1 Bc5h9-1 Cc5h9-1 Dc5h9-1 Ec5h9-1 Dc5h9-2 nc4h9hco nc4h9co c3h7coch3 c5h9oh c5h8-12 c5h8-13 c5h8-14 ch3coc3h6o2-1 ch3coc3h6o2-1 isoph !C6	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	378.800 357.000 357.000 357.000 357.000 357.000 482.8 482.8 482.8 482.8 375.600 375.600 375.600 482.8 482.8 482.8	5.42 5.176 5.176 5.176 5.176 5.176 5.176 6.28 6.28 6.28 6.28 6.28 6.28 6.29 5.29 5.29 6.28 6.28 6.28	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0
c6h14 c6h14s c6h12-1 c6h12-2 c6h12-3 Ac6h11-3 Bc6h11-3 Cc6h11-1 Fc6h11-1 c6h10-13 c6h10-15 c5h11hco c5h11co !C7 c7h14-1 c7h14-2 c7h14-3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	399.300 399.300 414.9 414.9 414.9 357.0 357.0 357.0 412.3 412.3 482.8 482.8 448.0 448.0 448.0	5.949 5.949 5.73 5.73 5.176 5.176 5.176 5.176 5.349 6.28 6.28 6.02 6.02 6.02	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1.000 1.000 1.0 1.0 1.0 1.0 1.0 1.0 1.000 1.000 1.000 1.0 !
c7h12-13 c7h12-16	2	482.8 482.8	6.28 6.28	0.0	0.0	1.0 1.0

Cc7h13-1	2	448.0	6.02	0.0	0.0	1.0	
Dc7h13-1	2	448.0	6.02	0.0	0.0	1.0	
Dc7h13-2	2	448.0	6.02	0.0	0.0	1.0	
Ac7h13-3	2	448.0	6.02	0.0	0.0	1.0	
Ec7h13-3	2	448.0	6.02	0.0	0.0	1.0	
c6h13hco	2	482.8	6.28	0.0	0.0	1.0	!
c6h13co	2	482.8	6.28	0.0	0.0	1.0	!
c7h14rohAB	2	448.0	6.02	0.0	0.0	1.0	
c7h14qjohAB	2	448.0	6.02	0.0	0.0	1.0	
c7h14rohBC	2	448.0	6.02	0.0	0.0	1.0	
c7h14qjohBC	2	448.0	6.02	0.0	0.0	1.0	
c7h14rohCD	2	448.0	6.02	0.0	0.0	1.0	
c7h14qjohCD	2	448.0	6.02	0.0	0.0	1.0	
P2c4h4134	2	243.0	4.92	0.0	0.0	1.0	
!C8							
nc8h18	2	458.5	6.414	0.0	0.0	1.0	
c8h16-1	2	482.8	6.28	0.0	0.0	1.0	
c8h16-2	2	482.8	6.28	0.0	0.0	1.0	
c8h16-3	2	482.8	6.28	0.0	0.0	1.0	
c8h16-4	2	482.8	6.28	0.0	0.0	1.0	
Cc8h15-1	2	482.8	6.28	0.0	0.0	1.0	
Hc8h15-1	2	482.8	6.28	0.0	0.0	1.0	
Dc8h15-2	2	482.8	6.28	0.0	0.0	1.0	
		482.8					
Ec8h15-3	2		6.28	0.0	0.0	1.0	
c8h14	2	482.8	6.28	0.0	0.0	1.0	
c8h16rohAB	2	482.8	6.28	0.0	0.0	1.0	
c8h16rohBC	2	482.8	6.28	0.0	0.0	1.0	
c8h16rohCD	2	482.8	6.28	0.0	0.0	1.0	
c8h16rohDE	2	482.8	6.28	0.0	0.0	1.0	
c8h16qjohAB	2	482.8	6.28	0.0	0.0	1.0	
	2		6.28	0.0			
c8h16qjohBC		482.8			0.0	1.0	
c8h16qjohCD	2	482.8	6.28	0.0	0.0	1.0	
c8h16qjohDE	2	482.8	6.28	0.0	0.0	1.0	
c7h15hco	2	482.8	6.28	0.0	0.0	1.0	!
c7h15co	2	482.8	6.28	0.0	0.0	1.0	!
!C9							
nc9h20	2	399.300	5.949	0.000	0.000	1.000	
c9h18-1	2	500.8	6.64	0.0	0.00	1.000	
	2						
c9h18-2		500.8	6.64	0.0	0.0	1.0	
c9h18-3	2	500.8	6.64	0.0	0.0	1.0	
c9h18-4	2	500.8	6.64	0.0	0.0	1.0	
Cc9h17-1	2	500.8	5.42	0.0	0.0	1.0	
Dc9h17-2	2	500.8	5.42	0.0	0.0	1.0	
Ec9h17-3	2	500.8	5.42	0.0	0.0	1.0	
Fc9h17-4	2	500.8	5.42	0.0	0.0	1.0	
c9h16	2	482.8	6.28	0.0	0.0	1.0	
							!
c8h17hco	2	482.8	6.28	0.0	0.0	1.0	!
c8h17co	2	482.8	6.28	0.0	0.0	1.0	!
!Decane							
c10h20-1	2	482.8	6.28	0.0	0.0	1.0	
c10h20-2	2	482.8	6.28	0.0	0.0	1.0	
c10h20-3	2	482.8	6.28	0.0	0.0	1.0	
c10h20-4	2	482.8	6.28	0.0	0.0	1.0	
c10h20-5	2	482.8	6.28	0.0	0.0	1.0	
Cc10h19-1	2	482.8	6.28	0.0	0.0	1.0	
Dc10h19-2	2	482.8	6.28	0.0	0.0	1.0	
Ec10h19-3	2	482.8	6.28	0.0	0.0	1.0	
Fc10h19-4	2	482.8	6.28	0.0	0.0	1.0	
c10h20rohAB	2	482.8	6.28	0.0	0.0	1.0	
c10h20rohBC	2	482.8	6.28	0.0	0.0	1.0	
c10h20rohCD	2	482.8	6.28	0.0	0.0	1.0	
CTOHZOTOHCD	4	104.0	0.40	0.0	0.0	⊥.∪	

c10h20rohDE	2	482.8	6.28	0.0	0.0	1.0
c10h20rohEF	2	482.8	6.28	0.0	0.0	1.0
c10h20qjohAB	2	482.8	6.28	0.0	0.0	1.0
c10h20qjohBC	2	482.8	6.28	0.0	0.0	1.0
c10h20qjohCD	2	482.8	6.28	0.0	0.0	1.0
c10h20qjohDE	2	482.8	6.28	0.0	0.0	1.0
c10h20qjohEF	2	482.8	6.28	0.0	0.0	1.0
! Naphtenes :	Cyclohexa	ane and de	erivates			
cyc6h9	2	412.300	5.349	0.000	0.000	1.000
chxone	2	482.8	6.28	0.0	0.0	1.0 !
Bchxone	2	482.8	6.28	0.0	0.0	1.0 !
Cchxone	2	482.8	6.28	0.0	0.0	1.0 !
Dchxone	2	482.8	6.28	0.0	0.0	1.0 !
chxe2oA	2	482.8	6.28	0.0	0.0	1.0 !
chxe3oA	2	482.8	6.28	0.0	0.0	1.0 !
Dchxe2oA	2	482.8	6.28	0.0	0.0	1.0 !
Fc6eloC	2	482.8	6.28	0.0	0.0	1.0 !
сбе5оА	2	482.8	6.28	0.0	0.0	1.0 !
сбе5оуА	2	482.8	6.28	0.0	0.0	1.0 !
Ac6e5oC	2	482.8	6.28	0.0	0.0	1.0 !
Ac6e5oB	2	482.8	6.28	0.0	0.0	1.0 !
Ac6e3e5oB	2	482.8	6.28	0.0	0.0	1.0 !
! Naphtenes :	C7					
mch	2	448.0	6.02	0.0	0.0	1.0
mchA	2	448.0	6.02	0.0	0.0	1.0
mchB	2	448.0	6.02	0.0	0.0	1.0
mche1	2	448.0	6.02	0.0	0.0	1.0
Amche1	2	448.0	6.02	0.0	0.0	1.0
Cmche1	2	448.0	6.02	0.0	0.0	1.0
Dmche1	2	448.0	6.02	0.0	0.0	1.0
BmchohA	2	448.0	6.02	0.0	0.0	1.0
mchohAqjB	2	448.0	6.02	0.0	0.0	1.0
mche13	2	448.0	6.02	0.0	0.0	1.0
mche14	2	448.0	6.02	0.0	0.0	1.0
Emche13	2	448.0	6.02	0.0	0.0	1.0
Gmche13	2	448.0	6.02	0.0	0.0	1.0
Fmche14	2	448.0	6.02	0.0	0.0	1.0
Gmche14	2	448.0	6.02	0.0	0.0	1.0
mche135	2	448.0	6.02	0.0	0.0	1.0
mche136	2	448.0	6.02	0.0	0.0	1.0
mcheloC	2	448.0	6.02	0.0	0.0	1.0
mchoA mche2oA	2 2	448.0	6.02 6.02	0.0 0.0	0.0	1.0 1.0
chxco	2	448.0 482.8	6.28	0.0	0.0	1.0
mche2oya	2	448.0	6.02	0.0	0.0	1.0 :
mchoAoC	2	448.0	6.02	0.0	0.0	1.0
mchoyAoC	2	448.0	6.02	0.0	0.0	1.0
mchoAoD	2	448.0	6.02	0.0	0.0	1.0
mchoyAoD	2	448.0	6.02	0.0	0.0	1.0
AmchoD	2	448.0	6.02	0.0	0.0	1.0
AmchoC	2	448.0	6.02	0.0	0.0	1.0
Gc7h13-1	2	448.0	6.02	0.0	0.0	1.0
Cc7h13-1	2	448.0	6.02	0.0	0.0	1.0
Dc7h13-1	2	448.0	6.02	0.0	0.0	1.0
c7e6oyA	2	482.8	6.28	0.0	0.0	1.0
Gc7e1oC	2	482.8	6.28	0.0	0.0	1.0
Ec5e1oC	2	482.8	6.28	0.0	0.0	1.0
Ac7e6oB	2	482.8	6.28	0.0	0.0	1.0
Gc7e1oD	2	482.8	6.28	0.0	0.0	1.0
Ac5e4oB	2	482.8	6.28	0.0	0.0	1.0
Gc7e1oF	2	482.8	6.28	0.0	0.0	1.0

Lc6h7	2	357.0	5.18	0.0	0.0	1.0
Lc6h6	2	357.0	5.176	0.0	0.0	1.0
Lc6h4	2	482.8	6.28	0.0	0.0	1.0
U-c6h5	2	357.0	5.176	0.0	0.0	1.0 !=
chxe1rD	2	482.8	6.28	0.0	0.0	1.0
chd14	2	482.8	6.28	0.0	0.0	1.0
cyc6h9o	2	482.8	6.28	0.0	0.0	1.0
Fc6e3oAoE	2	482.8	6.28	0.0	0.0	1.0
Dc6e5oAoC	2	482.8	6.28	0.0	0.0	1.0
Fc6e5oA	2	482.8	6.28	0.0	0.0	1.0
Fc6e2oA	2	482.8	6.28	0.0	0.0	1.0
Fc6h9-13	2	357.0	5.176	0.0	0.0	1.0 !
hex135	2	482.8	6.28	0.0	0.0	1.0
sc3h5co	2	357.000	5.180	0.000	0.000	1.000
Ac6h9-15	2	357.0	5.176	0.0	0.0	1.0 !
		and derivates	3,17			
che24one	2	482.8	6.28	0.0	0.0	1.0
c6h4o2	2	482.8	6.28	0.0	0.0	1.0
c6h5o2	2	357.0	5.176	0.0	0.0	1.0 !=
c6h5o2h	2	357.0	5.176	0.0	0.0	1.0 !=
c6h3o2	2	482.8	6.28	0.0	0.0	1.0
c6h3o3	2	482.8	6.28	0.0	0.0	1.0
c5h4	1	357.000	5.180	0.000	0.000	1.000
		and derivates				
hoc6h4ch3	2	482.8	6.28	0.0	0.0	1.0
oc6h4ch3	2	482.8	6.28	0.0	0.0	1.0
! Aromatics:						
ASTYRYL	2	482.8	6.28	0.0	0.0	1.0
BSTYRYL	2	482.8	6.28	0.0	0.0	1.0
c6h4c2h3	2	482.8	6.28	0.0	0.0	1.0
phch2hco	2	482.8	6.28	0.0	0.0	1.0
phch2co	2	482.8	6.28	0.0	0.0	1.0
phcoch2	2	482.8	6.28	0.0	0.0	1.0
! Aromatics:	C9					
pbz	2	482.8	6.28	0.0	0.0	1.0
pbzjA	2	482.8	6.28	0.0	0.0	1.0
pbzjB	2	482.8	6.28	0.0	0.0	1.0
pbzjC	2	482.8	6.28	0.0	0.0	1.0
phc3h5-1	2	482.8	6.28	0.0	0.0	1.0
phc3h5-2	2	482.8	6.28	0.0	0.0	1.0
phc3h4	2	482.8	6.28	0.0	0.0	1.0
phc3h3	2	482.8	6.28	0.0	0.0	1.0
phc2h4hco	2	482.8	6.28	0.0	0.0	1.0
phc2h4co	2	482.8	6.28	0.0	0.0	1.0
phch2coch2	2	482.8	6.28	0.0	0.0	1.0
phcoc2h4	2	482.8	6.28	0.0	0.0	1.0
phc2h2hco	2	482.8	6.28	0.0	0.0	1.0
phc2h2co	2	482.8	6.28	0.0	0.0	1.0
phcoc2h3	2	482.8	6.28	0.0	0.0	1.0
Bphc3h5ohA	2	482.8	6.28	0.0	0.0	1.0
Aphc3h5ohB	2	482.8	6.28	0.0	0.0	1.0
Cphc3h5ohB	2	482.8	6.28	0.0	0.0	1.0
Bphc3h5ohC	2	482.8	6.28	0.0	0.0	1.0
pbzohAqjB	2	482.8	6.28	0.0	0.0	1.0
pbzohBqjA	2	482.8	6.28	0.0	0.0	1.0
pbzohBqjC	2	482.8	6.28	0.0	0.0	1.0
pbzohCqjB	2	482.8	6.28	0.0	0.0	1.0
Cophc3h4-1	2	482.8	6.28	0.0	0.0	1.0
Aophc3h4-2	2	482.8	6.28	0.0	0.0	1.0
ch3c6h4c2h3	2	482.8	6.28	0.0	0.0	1.0
ch3c6h4c2h5	2	482.8	6.28	0.0	0.0	1.0

biphenyl	2	357.000	5.180	0.000	0.000	1.000
c10h9	2	630.600	6.182	0.000	0.000	0.000
c10h10	2	482.8	6.28	0.0	0.0	1.0
c6h4c2h	2	482.8	6.28	0.0	0.0	1.0
A1c2hAC	2	482.8	6.28	0.0	0.0	1.0
A2-X	2	630.4	6.18	0.00	16.50	1.000
A20	2	630.4	6.18	0.00	16.50	1.000
A2oh	2	630.4	6.18	0.00	16.50	1.000
A1c2h3AC	2	482.8	6.28	0.0	0.0	1.0
indenyl	2	482.8	6.28	0.0	0.0	1.0
!isooctane	2	482.8	6.28	0.0	0.0	1.0
ic8h15	2	482.8	6.28	0.0	0.0	1.0
pc7h15	2	446.7	6.12	0.0	0.0	1.0
! Hexanol	2	110.7	0.12	0.0	0.0	1.0
c6h13ojA	2	415	5.83	0.0	0.0	1.0
hxol	2	357.0	5.176	0.0	0.0	1.0 !
hxol1j	2	357.0	5.176	0.0	0.0	1.0 !
	2	357.0	5.176	0.0		
hxol2j					0.0	1.0!
hxol3j	2	357.0	5.176	0.0	0.0	1.0!
hxol4j	2	357.0	5.176	0.0	0.0	1.0!
hxol5j	2	357.0	5.176	0.0	0.0	1.0!
hxol6j	2	357.0	5.176	0.0	0.0	1.0!
hxol2e	2	357.0	5.176	0.0	0.0	1.0 !
hxol3e	2	357.0	5.176	0.0	0.0	1.0 !
hxol4e	2	357.0	5.176	0.0	0.0	1.0 !
hxol5e	2	357.0	5.176	0.0	0.0	1.0 !
hxol4e6j	2	357.0	5.176	0.0	0.0	1.0 !
hxol3e5j	2	357.0	5.176	0.0	0.0	1.0 !
hxol2e4j	2	357.0	5.176	0.0	0.0	1.0 !
hxol5e1j	2	357.0	5.176	0.0	0.0	1.0 !
hxol4e1j	2	357.0	5.176	0.0	0.0	1.0 !
hxol3e1j	2	357.0	5.176	0.0	0.0	1.0 !
hxol2e1j	2	357.0	5.176	0.0	0.0	1.0 !
c5h9hco-1	2	482.8	6.28	0.0	0.0	1.0
c5h9hco-2	2	482.8	6.28	0.0	0.0	1.0
c5h9hco-3	2	482.8	6.28	0.0	0.0	1.0
c5h9co-1	2	482.8	6.28	0.0	0.0	1.0
c5h9co-2	2	482.8	6.28	0.0	0.0	1.0
c5h9co-3	2	482.8	6.28	0.0	0.0	1.0
Ec5h9-2	2	357	5.176	0.0	0.0	1.0
pe1ol5j	2	482.8	6.28	0.0	0.0	1.0
pelol4j	2	482.8	6.28	0.0	0.0	1.0
pelol3j	2	482.8	6.28	0.0	0.0	1.0
pelol2j	2	482.8	6.28	0.0	0.0	1.0
pelol1j	2	482.8	6.28	0.0	0.0	1.0
pelol4e	2	482.8	6.28	0.0	0.0	1.0
peljol4e	2	482.8	6.28	0.0	0.0	1.0
pe1o12e4e	2	482.8	6.28	0.0	0.0	1.0
peljol2e4e	2	482.8	6.28	0.0	0.0	1.0
pe1ol3e5j	2	482.8	6.28	0.0	0.0	1.0
b1ol	2	503.0722524	5.3399	1.67	8.88	1.0
c4h9o	2	503.0722524	5.3399	1.67	8.88	1.0
blol1j	2	503.0722524	5.3399	1.67	8.88	1.0
blol2j	2	503.0722524	5.3399	1.67	8.88	1.0
blol3j	2	503.0722524	5.3399	1.67	8.88	1.0
blol4j	2	503.0722524	5.3399	1.67	8.88	1.0
b1*o4ol	2	503.0722524	5.3399	1.67	8.88	1.0
b1j*o4ol	2	503.0722524	5.3399	1.67	8.88	1.0
b1ol2e4j	2	503.0722524	5.3399	1.67	8.88	1.0
blol3e	2	503.0722524	5.3399	1.67	8.88	1.0
b1jol3e	2	503.0722524	5.3399	1.67	8.88	1.0
~= )0=00	۷	JUJ.U/ZJZJZ4	J. J.J.J	1.0/	0.00	1.0

ch2ch2ch2oh	2	482.8	6.28	0.0	0.0	1.0
hoc2h4hco	2	482.8	6.28	0.0	0.0	1.0
hoc2h4co	2	482.8	6.28	0.0	0.0	1.0
c2h3ch2oh	2	482.8	6.28	0.0	0.0	1.0
c2h3choh	2	482.8	6.28	0.0	0.0	1.0
hoch2hco	2	482.8	6.28	0.0	0.0	1.0
hoch2co	2	482.8	6.28	0.0	0.0	1.0
c4h5hco	2	482.8	6.28	0.0	0.0	1.0
c4h5co	2	482.8	6.28	0.0	0.0	1.0
c6h5cco	2	482.8	6.28	0.0	0.0	1.0
AC9H17C	2	482.8	6.28	0.0	0.0	1.0
	2					
BC9H17C		482.8	6.28	0.0	0.0	1.0
CC9H17C	2	482.8	6.28	0.0	0.0	1.0
DC9H17C	2	482.8	6.28	0.0	0.0	1.0
EC9H17C	2	482.8	6.28	0.0	0.0	1.0
FC9H17C	2	482.8	6.28	0.0	0.0	1.0
GC9H17C	2	482.8	6.28	0.0	0.0	1.0
CYC9H18	2	482.8	6.28	0.0	0.0	1.0
CYC8H14	2	482.8	6.28	0.0	0.0	1.0
CYC7H12	2	482.8	6.28	0.0	0.0	1.0
AC8H15C	2	482.8	6.28	0.0	0.0	1.0
AC7H13C	2	482.8	6.28	0.0	0.0	1.0
!						
! Naphtenes : I	Propylcy	clohexane				
!	11 1					
pch	2	482.8	6.28	0.0	0.0	1.0
pchA	2	482.8	6.28	0.0	0.0	1.0
	2					
pchB		482.8	6.28	0.0	0.0	1.0
pchC	2	482.8	6.28	0.0	0.0	1.0
pchD	2	482.8	6.28	0.0	0.0	1.0
pchE	2	482.8	6.28	0.0	0.0	1.0
pchF	2	482.8	6.28	0.0	0.0	1.0
pchG	2	482.8	6.28	0.0	0.0	1.0
pchqjA	2	482.8	6.28	0.0	0.0	1.0
pchqjB	2	482.8	6.28	0.0	0.0	1.0
pchqjC	2	482.8	6.28	0.0	0.0	1.0
pchqjD	2	482.8	6.28	0.0	0.0	1.0
pchqjE	2	482.8	6.28	0.0	0.0	1.0
pchqjF	2	482.8	6.28	0.0	0.0	1.0
pchqjG	2	482.8	6.28	0.0	0.0	1.0
pchqA	2	482.8	6.28	0.0	0.0	1.0
pchqB	2	482.8	6.28	0.0	0.0	1.0
pchqC	2	482.8	6.28	0.0	0.0	1.0
pchqD	2	482.8	6.28	0.0	0.0	1.0
pchqE	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0		1.0
pchqF					0.0	
pchqG	2	482.8	6.28	0.0	0.0	1.0
pchojA	2	482.8	6.28	0.0	0.0	1.0
pchojB	2	482.8	6.28	0.0	0.0	1.0
pchojC	2	482.8	6.28	0.0	0.0	1.0
pchojD	2	482.8	6.28	0.0	0.0	1.0
pchojE	2	482.8	6.28	0.0	0.0	1.0
pchojF	2	482.8	6.28	0.0	0.0	1.0
pchojG	2	482.8	6.28	0.0	0.0	1.0
	2					
ApchqA		482.8	6.28	0.0	0.0	1.0
BpchqA	2	482.8	6.28	0.0	0.0	1.0
CpchqA	2	482.8	6.28	0.0	0.0	1.0
DpchqA	2	482.8	6.28	0.0	0.0	1.0
EpchqA	2	482.8	6.28	0.0	0.0	1.0
			6.28 6.28	0.0	0.0	1.0 1.0
EpchqA FpchqA GpchqA	2	482.8				

ApchqB	2	482.8	6.28	0.0	0.0	1.0
BpchqB	2	482.8	6.28	0.0	0.0	1.0
CpchqB	2	482.8	6.28	0.0	0.0	1.0
DpchqB	2	482.8	6.28	0.0	0.0	1.0
EpchqB	2	482.8	6.28	0.0	0.0	1.0
FpchqB	2	482.8	6.28	0.0	0.0	1.0
GpchqB	2	482.8	6.28	0.0	0.0	1.0
ApchqC	2	482.8	6.28	0.0	0.0	1.0
	2					
BpchqC		482.8	6.28	0.0	0.0	1.0
CpchqC	2	482.8	6.28	0.0	0.0	1.0
DpchqC	2	482.8	6.28	0.0	0.0	1.0
EpchqC	2	482.8	6.28	0.0	0.0	1.0
FpchqC	2	482.8	6.28	0.0	0.0	1.0
GpchqC	2	482.8	6.28	0.0	0.0	1.0
ApchqD	2	482.8	6.28	0.0	0.0	1.0
BpchqD	2	482.8	6.28	0.0	0.0	1.0
CpchqD	2	482.8	6.28	0.0	0.0	1.0
EpchqD	2	482.8	6.28	0.0	0.0	1.0
FpchqD	2	482.8	6.28	0.0	0.0	1.0
GpchqD	2	482.8	6.28	0.0	0.0	1.0
ApchqE	2	482.8	6.28	0.0	0.0	1.0
BpchqE	2	482.8	6.28	0.0	0.0	1.0
CpchqE	2	482.8	6.28	0.0	0.0	1.0
DpchqE	2	482.8	6.28	0.0	0.0	1.0
EpchqE	2	482.8	6.28	0.0	0.0	1.0
FpchqE	2	482.8	6.28	0.0	0.0	1.0
GpchqE	2	482.8	6.28	0.0	0.0	1.0
HpchqE	2	482.8	6.28	0.0	0.0	1.0
ApchqF	2	482.8	6.28	0.0	0.0	1.0
BpchqF	2	482.8	6.28	0.0	0.0	1.0
CpchqF	2	482.8	6.28	0.0	0.0	1.0
DpchqF	2	482.8	6.28	0.0	0.0	1.0
EpchqF	2	482.8	6.28	0.0	0.0	1.0
FpchqF	2	482.8	6.28	0.0	0.0	1.0
GpchqF	2	482.8	6.28	0.0	0.0	1.0
ApchqG	2	482.8	6.28	0.0	0.0	1.0
BpchqG	2	482.8	6.28	0.0	0.0	1.0
CpchqG	2	482.8	6.28	0.0	0.0	1.0
DpchqG	2	482.8	6.28	0.0	0.0	1.0
EpchqG	2	482.8	6.28	0.0	0.0	1.0
	2					
FpchqG		482.8	6.28	0.0	0.0	1.0
GpchqG	2	482.8	6.28	0.0	0.0	1.0
IpchqE	2	482.8	6.28	0.0	0.0	1.0
HpchqF -	2	482.8	6.28	0.0	0.0	1.0
IpchqF	2	482.8	6.28	0.0	0.0	1.0
pchqAqjA	2	482.8	6.28	0.0	0.0	1.0
pchqAqjB	2	482.8	6.28	0.0	0.0	1.0
pchqAqjC	2	482.8	6.28	0.0	0.0	1.0
pchqAqjD	2	482.8	6.28	0.0	0.0	1.0
pchqAqjE	2	482.8	6.28	0.0	0.0	1.0
pchqAqjF	2	482.8	6.28	0.0	0.0	1.0
pchqAqjG	2	482.8	6.28	0.0	0.0	1.0
pchqBqjA	2	482.8	6.28	0.0	0.0	1.0
pchqBqjB	2	482.8	6.28	0.0	0.0	1.0
pchqBqjC pchqBqjC	2	482.8	6.28	0.0	0.0	1.0
pchqBqjD pchqBqjD	2	482.8	6.28	0.0	0.0	1.0
pchqBqjE	2	482.8	6.28	0.0	0.0	1.0
pchqBqjF	2	482.8	6.28	0.0	0.0	1.0
	2					
pchqBqjG		482.8	6.28	0.0	0.0	1.0
pchqCqjA	2	482.8	6.28	0.0	0.0	1.0
pchqCqjB	2	482.8	6.28	0.0	0.0	1.0

pchqCqjC	2	482.8	6.28	0.0	0.0	1.0
pchqCqjD	2	482.8	6.28	0.0	0.0	1.0
pchqCqjE	2	482.8	6.28	0.0	0.0	1.0
pchqCqjF	2	482.8	6.28	0.0	0.0	1.0
pchqCqjG	2	482.8	6.28	0.0	0.0	1.0
pchqDqjA	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	1.0
pchqDqjB						
pchqDqjC	2	482.8	6.28	0.0	0.0	1.0
pchqDqjE	2	482.8	6.28	0.0	0.0	1.0
pchqDqjF	2	482.8	6.28	0.0	0.0	1.0
pchqDqjG	2	482.8	6.28	0.0	0.0	1.0
pchqEqjA	2	482.8	6.28	0.0	0.0	1.0
pchqEqjB	2	482.8	6.28	0.0	0.0	1.0
pchqEqjC	2	482.8	6.28	0.0	0.0	1.0
pchqEqjD	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	1.0
pchqEqjE	2					
pchqEqjF		482.8	6.28	0.0	0.0	1.0
pchqEqjG	2	482.8	6.28	0.0	0.0	1.0
pchqEqjH	2	482.8	6.28	0.0	0.0	1.0
pchqEqjI	2	482.8	6.28	0.0	0.0	1.0
pchqFqjA	2	482.8	6.28	0.0	0.0	1.0
pchqFqjB	2	482.8	6.28	0.0	0.0	1.0
pchqFqjC	2	482.8	6.28	0.0	0.0	1.0
pchqFqjD	2	482.8	6.28	0.0	0.0	1.0
pchqFqjE	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			
pchqFqjF				0.0	0.0	1.0
pchqFqjG	2	482.8	6.28	0.0	0.0	1.0
pchqFqjH	2	482.8	6.28	0.0	0.0	1.0
pchqFqjI	2	482.8	6.28	0.0	0.0	1.0
pchqGqjA	2	482.8	6.28	0.0	0.0	1.0
pchqGqjB	2	482.8	6.28	0.0	0.0	1.0
pchqGqjC	2	482.8	6.28	0.0	0.0	1.0
pchqGqjD	2	482.8	6.28	0.0	0.0	1.0
pchqGqjE	2	482.8	6.28	0.0	0.0	1.0
pchqGqjF	2	482.8	6.28	0.0	0.0	1.0
pchqGqjG	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
pchoAqB			6.28	0.0	0.0	1.0
pchoAqC	2	482.8	6.28	0.0	0.0	1.0
pchoAqD	2	482.8	6.28	0.0	0.0	1.0
pchoAqE	2	482.8	6.28	0.0	0.0	1.0
pchoBqA	2	482.8	6.28	0.0	0.0	1.0
pchoBqC	2	482.8	6.28	0.0	0.0	1.0
pchoBqD	2	482.8	6.28	0.0	0.0	1.0
pchoBqE	2	482.8	6.28	0.0	0.0	1.0
pchoBqF	2	482.8	6.28	0.0	0.0	1.0
pchoCqA	2	482.8	6.28	0.0	0.0	1.0
pchoCqB	2	482.8	6.28	0.0	0.0	1.0
	2					
pchoCqD		482.8	6.28	0.0	0.0	1.0
pchoCqE	2	482.8	6.28	0.0	0.0	1.0
pchoCqF	2	482.8	6.28	0.0	0.0	1.0
pchoCqG	2	482.8	6.28	0.0	0.0	1.0
pchoEqA	2	482.8	6.28	0.0	0.0	1.0
pchoEqB	2	482.8	6.28	0.0	0.0	1.0
pchoEqC	2	482.8	6.28	0.0	0.0	1.0
pchoEqD	2	482.8	6.28	0.0	0.0	1.0
pchoEqF	2	482.8	6.28	0.0	0.0	1.0
pchoEqG	2	482.8	6.28	0.0	0.0	1.0
pchoEqH	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
pchoEqI			6.28	0.0	0.0	1.0
pchoFqA	2	482.8	6.28	0.0	0.0	1.0
pchoFqB	2	482.8	6.28	0.0	0.0	1.0

pchoFqC	2	482.8	6.28	0.0	0.0	1.0
pchoFqD	2	482.8	6.28	0.0	0.0	1.0
pchoFqE	2	482.8	6.28	0.0	0.0	1.0
pchoFqG	2	482.8	6.28	0.0	0.0	1.0
pchoFqH	2	482.8	6.28	0.0	0.0	1.0
pchoFqI	2	482.8	6.28	0.0	0.0	1.0
pchoGqC	2	482.8	6.28	0.0	0.0	1.0
pchoGqD	2	482.8	6.28	0.0	0.0	1.0
pchoGqE	2	482.8	6.28	0.0	0.0	1.0
pchoGqF	2	482.8	6.28	0.0	0.0	1.0
pchoAojB	2	482.8	6.28	0.0	0.0	1.0
pchoAojC	2	482.8	6.28	0.0	0.0	1.0
pchoAojD	2	482.8	6.28	0.0	0.0	1.0
pchoBojA	2	482.8	6.28	0.0	0.0	1.0
pchoBojC	2	482.8	6.28	0.0	0.0	1.0
pchoBojD	2	482.8	6.28	0.0	0.0	1.0
pchoBojE	2	482.8	6.28	0.0	0.0	1.0
	2					
pchoCojA		482.8	6.28	0.0	0.0	1.0
pchoCojB	2	482.8	6.28	0.0	0.0	1.0
pchoCojD	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	
pchoCojE						1.0
pchoCojF	2	482.8	6.28	0.0	0.0	1.0
pchoEojA	2	482.8	6.28	0.0	0.0	1.0
pchoEojB	2	482.8	6.28	0.0	0.0	1.0
pchoEojC	2	482.8	6.28	0.0	0.0	1.0
pchoEojD	2	482.8	6.28	0.0	0.0	1.0
pchoEojF	2	482.8	6.28	0.0	0.0	1.0
pchoEojG	2	482.8	6.28	0.0	0.0	1.0
pchoEojH	2	482.8	6.28	0.0	0.0	1.0
pchoEojI	2	482.8	6.28	0.0	0.0	1.0
pchoFojA	2	482.8	6.28	0.0	0.0	1.0
pchoFojB	2	482.8	6.28	0.0	0.0	1.0
pchoFojC	2	482.8	6.28	0.0	0.0	1.0
pchoFojD	2	482.8	6.28	0.0	0.0	1.0
pchoFojE	2	482.8	6.28	0.0	0.0	1.0
pchoFojG	2	482.8	6.28	0.0	0.0	1.0
_	2	482.8	6.28	0.0	0.0	1.0
pchoFojH						
pchoFojI	2	482.8	6.28	0.0	0.0	1.0
pchoGojD	2	482.8	6.28	0.0	0.0	1.0
pchoGojE	2	482.8	6.28	0.0	0.0	1.0
pchoGojF	2	482.8	6.28	0.0	0.0	1.0
ApchohB	2	482.8	6.28	0.0	0.0	1.0
BpchohA	2	482.8	6.28	0.0	0.0	1.0
BpchohC	2	482.8	6.28	0.0	0.0	1.0
CpchohB	2	482.8	6.28	0.0	0.0	1.0
CpchohD	2	482.8	6.28	0.0	0.0	1.0
DpchohC	2	482.8	6.28	0.0	0.0	1.0
DpchohE	2	482.8	6.28	0.0	0.0	1.0
EpchohD	2	482.8	6.28	0.0	0.0	1.0
EpchohF	2	482.8	6.28	0.0	0.0	1.0
FpchohE	2	482.8	6.28	0.0	0.0	1.0
FpchohG	2	482.8	6.28	0.0	0.0	1.0
GpchohF	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	1.0
pcho-AB						
pcho-BC	2	482.8	6.28	0.0	0.0	1.0
pcho-CD	2	482.8	6.28	0.0	0.0	1.0
pcho-DE	2	482.8	6.28	0.0	0.0	1.0
pcho-EF	2	482.8	6.28	0.0	0.0	1.0
pcho-FG	2	482.8	6.28	0.0	0.0	1.0
pcho-AC	2	482.8	6.28	0.0	0.0	1.0
	2					
pcho-AD	4	482.8	6.28	0.0	0.0	1.0

pcho-AE	2	482.8	6.28	0.0	0.0	1.0
pcho-AF	2	482.8	6.28	0.0	0.0	1.0
pcho-BD	2	482.8	6.28	0.0	0.0	1.0
pcho-BE	2	482.8	6.28	0.0	0.0	1.0
pcho-BF	2	482.8	6.28	0.0	0.0	1.0
pcho-BG	2	482.8	6.28	0.0	0.0	1.0
pcho-BG pcho-CE	2	482.8	6.28	0.0	0.0	1.0
<del>-</del>	2					
pcho-CF		482.8	6.28	0.0	0.0	1.0
pcho-CG	2	482.8	6.28	0.0	0.0	1.0
pcho-DF	2	482.8	6.28	0.0	0.0	1.0
pcho-DG	2	482.8	6.28	0.0	0.0	1.0
pcho-EG	2	482.8	6.28	0.0	0.0	1.0
pcho-EI	2	482.8	6.28	0.0	0.0	1.0
pcho-FH	2	482.8	6.28	0.0	0.0	1.0
pcho-EH	2	482.8	6.28	0.0	0.0	1.0
ApchoB	2	482.8	6.28	0.0	0.0	1.0
BpchoA	2	482.8	6.28	0.0	0.0	1.0
ApchoC	2	482.8	6.28	0.0	0.0	1.0
CpchoA	2	482.8	6.28	0.0	0.0	1.0
DpchoA	2	482.8	6.28	0.0	0.0	1.0
ApchoE	2	482.8	6.28	0.0	0.0	1.0
EpchoA	2	482.8	6.28	0.0	0.0	1.0
ApchoF	2	482.8	6.28	0.0	0.0	1.0
FpchoA	2	482.8	6.28	0.0	0.0	1.0
-	2	482.8	6.28	0.0	0.0	
BpchoC	2					1.0
CpchoB		482.8	6.28	0.0	0.0	1.0
DpchoB	2	482.8	6.28	0.0	0.0	1.0
EpchoB	2	482.8	6.28	0.0	0.0	1.0
BpchoE	2	482.8	6.28	0.0	0.0	1.0
BpchoF	2	482.8	6.28	0.0	0.0	1.0
FpchoB	2	482.8	6.28	0.0	0.0	1.0
BpchoG	2	482.8	6.28	0.0	0.0	1.0
GpchoB	2	482.8	6.28	0.0	0.0	1.0
DpchoC	2	482.8	6.28	0.0	0.0	1.0
CpchoE	2	482.8	6.28	0.0	0.0	1.0
EpchoC	2	482.8	6.28	0.0	0.0	1.0
CpchoF	2	482.8	6.28	0.0	0.0	1.0
FpchoC	2	482.8	6.28	0.0	0.0	1.0
CpchoG	2	482.8	6.28	0.0	0.0	1.0
GpchoC	2	482.8	6.28	0.0	0.0	1.0
DpchoE	2	482.8	6.28	0.0	0.0	1.0
DpchoF	2	482.8	6.28	0.0	0.0	1.0
DpchoG	2	482.8	6.28	0.0	0.0	1.0
EpchoF	2	482.8	6.28	0.0	0.0	1.0
FpchoE	2	482.8	6.28	0.0	0.0	1.0
EpchoG	2	482.8	6.28	0.0	0.0	1.0
GpchoE	2					
_	2	482.8	6.28	0.0	0.0	1.0
EpchoH		482.8	6.28	0.0	0.0	1.0
HpchoE	2	482.8	6.28	0.0	0.0	1.0
IpchoE	2	482.8	6.28	0.0	0.0	1.0
FpchoG	2	482.8	6.28	0.0	0.0	1.0
GpchoF	2	482.8	6.28	0.0	0.0	1.0
HpchoF	2	482.8	6.28	0.0	0.0	1.0
pche1	2	482.8	6.28	0.0	0.0	1.0
pche2	2	482.8	6.28	0.0	0.0	1.0
pche3	2	482.8	6.28	0.0	0.0	1.0
pche4	2	482.8	6.28	0.0	0.0	1.0
pche5	2	482.8	6.28	0.0	0.0	1.0
pche6	2	482.8	6.28	0.0	0.0	1.0
Apche2	2	482.8	6.28	0.0	0.0	1.0
Dpche2	2	482.8	6.28	0.0	0.0	1.0
-						

Cpche4	2	482.8	6.28	0.0	0.0	1.0
Dpche5	2	482.8	6.28	0.0	0.0	1.0
Epche6	2	482.8	6.28	0.0	0.0	1.0
Fpche7	2	482.8	6.28	0.0	0.0	1.0
pche2ojA	2	482.8	6.28	0.0	0.0	1.0
pchelojC	2	482.8	6.28	0.0	0.0	1.0
_						
pche2ojD	2	482.8	6.28	0.0	0.0	1.0
pche3ojB	2	482.8	6.28	0.0	0.0	1.0
pche4ojC	2	482.8	6.28	0.0	0.0	1.0
pche3ojE	2	482.8	6.28	0.0	0.0	1.0
pche4ojF	2	482.8	6.28	0.0	0.0	1.0
pche6ojE	2	482.8	6.28	0.0	0.0	1.0
pche5ojG	2	482.8	6.28	0.0	0.0	1.0
pche7ojF	2	482.8	6.28	0.0	0.0	1.0
Ao2pchohB	2	482.8	6.28	0.0	0.0	1.0
Bo2pchohA	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
Bo2pchohC			6.28	0.0	0.0	1.0
Co2pchohB	2	482.8	6.28	0.0	0.0	1.0
Co2pchohD	2	482.8	6.28	0.0	0.0	1.0
Do2pchohC	2	482.8	6.28	0.0	0.0	1.0
Do2pchohE	2	482.8	6.28	0.0	0.0	1.0
Eo2pchohD	2	482.8	6.28	0.0	0.0	1.0
Eo2pchohF	2	482.8	6.28	0.0	0.0	1.0
Fo2pchohE	2	482.8	6.28	0.0	0.0	1.0
Fo2pchohG	2	482.8	6.28	0.0	0.0	1.0
Go2pchohF	2	482.8	6.28	0.0	0.0	1.0
pchele3	2	482.8	6.28	0.0	0.0	1.0
pche2e4	2	482.8	6.28	0.0	0.0	1.0
pche3e5	2	482.8	6.28			
_				0.0	0.0	1.0
pche4e6	2	482.8	6.28	0.0	0.0	1.0
pche5e7	2	482.8	6.28	0.0	0.0	1.0
DpchqBqE	2	482.8	6.28	0.0	0.0	1.0
FpchqBqE	2	482.8	6.28	0.0	0.0	1.0
GpchqBqE	2	482.8	6.28	0.0	0.0	1.0
IpchqBqE	2	482.8	6.28	0.0	0.0	1.0
DpchqCqE	2	482.8	6.28	0.0	0.0	1.0
FpchqCqE	2	482.8	6.28	0.0	0.0	1.0
GpchqCqE	2	482.8	6.28	0.0	0.0	1.0
HpchqCqE	2	482.8	6.28	0.0	0.0	1.0
IpchqCqE	2	482.8	6.28	0.0	0.0	1.0
DpchqCqF	2	482.8	6.28	0.0	0.0	1.0
EpchqCqF	2	482.8	6.28	0.0	0.0	1.0
GpchqCqF	2	482.8	6.28	0.0	0.0	1.0
HpchqCqF	2	482.8	6.28	0.0	0.0	1.0
	2			0.0		
IpchqCqF		482.8	6.28		0.0	1.0
ApchqDqF	2	482.8	6.28	0.0	0.0	1.0
BpchqDqF	2	482.8	6.28	0.0	0.0	1.0
CpchqDqF	2	482.8	6.28	0.0	0.0	1.0
GpchqDqF	2	482.8	6.28	0.0	0.0	1.0
HpchqDqF	2	482.8	6.28	0.0	0.0	1.0
BpchqEqG	2	482.8	6.28	0.0	0.0	1.0
CpchqEqG	2	482.8	6.28	0.0	0.0	1.0
DpchqEqG	2	482.8	6.28	0.0	0.0	1.0
FpchqEqG	2	482.8	6.28	0.0	0.0	1.0
HpchqEqG	2	482.8	6.28	0.0	0.0	1.0
IpchqEqG	2	482.8	6.28	0.0	0.0	1.0
BpchqEqH	2	482.8	6.28	0.0	0.0	1.0
CpchqEqH	2	482.8	6.28	0.0	0.0	1.0
DpchqEqH	2	482.8	6.28	0.0	0.0	1.0
FpchqEqH	2	482.8	6.28	0.0	0.0	1.0
	2					
GpchqEqH	4	482.8	6.28	0.0	0.0	1.0

IpchqEqH	2	482.8	6.28	0.0	0.0	1.0
BpchqEqI	2	482.8	6.28	0.0	0.0	1.0
CpchqEqI	2	482.8	6.28	0.0	0.0	1.0
GpchqEqI	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
CpchqFqH			6.28	0.0	0.0	1.0
DpchqFqH	2	482.8	6.28	0.0	0.0	1.0
EpchqFqH	2	482.8	6.28	0.0	0.0	1.0
Dc6e5oA	2	482.8	6.28	0.0	0.0	1.0
Fc9oAoG	2	482.8	6.28	0.0	0.0	1.0
Fc9oAoH	2	482.8	6.28	0.0	0.0	1.0
MeDc8oCoIrH	2	482.8	6.28	0.0	0.0	1.0
MeDc8oBoIrH	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoFrI	2	482.8	6.28	0.0	0.0	1.0
	2	482.8			0.0	
EtDc7oEoIrA			6.28	0.0		1.0
Fc9oAoE	2	482.8	6.28	0.0	0.0	1.0
MeEc8oDoIrA	2	482.8	6.28	0.0	0.0	1.0
c9oyAoF	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoCrI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoHrI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoDrI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oCoIrA	2	482.8	6.28	0.0	0.0	1.0
Ac9oBoF	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
Ac9oDoF			6.28	0.0	0.0	1.0
Fc9oAoD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oCoIrA	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCrI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oBoIrA	2	482.8	6.28	0.0	0.0	1.0
Ac9oCoF	2	482.8	6.28	0.0	0.0	1.0
MeEc8oBoIrA	2	482.8	6.28	0.0	0.0	1.0
Fc9oAoC	2	482.8	6.28	0.0	0.0	1.0
c9oAoGqjF	2	482.8	6.28	0.0	0.0	1.0
Hc9oAoGqF	2	482.8	6.28	0.0	0.0	1.0
c9oAoGqFqjH	2	482.8	6.28	0.0	0.0	1.0
c9oAoGoFqH	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
c7oyAoBoG			6.28	0.0	0.0	1.0
c6oyAoF	2	482.8	6.28	0.0	0.0	1.0
Ec5oA	2	482.8	6.28	0.0	0.0	1.0
c5oAqjE	2	482.8	6.28	0.0	0.0	1.0
Cc5oAqE	2	482.8	6.28	0.0	0.0	1.0
Bc5oAqE	2	482.8	6.28	0.0	0.0	1.0
c5oAqEqjC	2	482.8	6.28	0.0	0.0	1.0
c5oAqEqjB	2	482.8	6.28	0.0	0.0	1.0
c5oAoEqC	2	482.8	6.28	0.0	0.0	1.0
c5oAoEqB	2	482.8	6.28	0.0	0.0	1.0
Ac7oBoG	2	482.8	6.28	0.0	0.0	1.0
c7oBoGqjA	2	482.8	6.28	0.0	0.0	1.0
Cc7oBoGqA	2	482.8	6.28	0.0	0.0	1.0
-	2	482.8	6.28	0.0		1.0
Dc7oBoGqA					0.0	
c7oBoGqAqjC	2	482.8	6.28	0.0	0.0	1.0
c7oBoGqAqjD	2	482.8	6.28	0.0	0.0	1.0
c7oAoBoGqC	2	482.8	6.28	0.0	0.0	1.0
c7oAoBoGqD	2	482.8	6.28	0.0	0.0	1.0
EtDc7oEoIqjA	2	482.8	6.28	0.0	0.0	1.0
CEtDc7oEoIqA	2	482.8	6.28	0.0	0.0	1.0
DEtDc7oEoIqA	2	482.8	6.28	0.0	0.0	1.0
EtDc7oEoIqAqjC	2	482.8	6.28	0.0	0.0	1.0
EtDc7oEoIqAqjD	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoEoIqC	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoEoIqC	2	482.8	6.28	0.0	0.0	1.0
Cc6oAoD	2	482.8	6.28	0.0	0.0	1.0
	2					
MeCc6oAoDoG	۷	482.8	6.28	0.0	0.0	1.0

MeCc6oyAoDoG	2	482.8	6.28	0.0	0.0	1.0
MeCc6oAoDoyG	2	482.8	6.28	0.0	0.0	1.0
c6oAoCoF	2	482.8	6.28	0.0	0.0	1.0
сбоуАоСоF	2	482.8	6.28	0.0	0.0	1.0
сбоАоСоуF	2	482.8	6.28	0.0	0.0	1.0
-						
Ec5oAoD	2	482.8	6.28	0.0	0.0	1.0
Ec5oAoC	2	482.8	6.28	0.0	0.0	1.0
MeBc5oAoCrF	2	482.8	6.28	0.0	0.0	1.0
c9oAoCqjF	2	482.8	6.28	0.0	0.0	1.0
Dc9oAoCqF	2	482.8	6.28	0.0	0.0	1.0
c9oAoCqFqjD	2	482.8	6.28	0.0	0.0	1.0
c9oAoCoFqD	2	482.8	6.28	0.0	0.0	1.0
c6oAoC	2	482.8	6.28	0.0	0.0	1.0
сбоуАоС	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCqjI	2	482.8	6.28	0.0	0.0	1.0
DMeEc8oAoCqI	2	482.8	6.28	0.0	0.0	1.0
GMeEc8oAoCqI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCqIqjD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCqIqjG	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCoIqD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoCoIqG	2	482.8	6.28	0.0	0.0	1.0
MeBc5oAoF	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0		
MeBc5oyAoF					0.0	1.0
c9oDoFqjA	2	482.8	6.28	0.0	0.0	1.0
Cc9oDoFqA	2	482.8	6.28	0.0	0.0	1.0
c9oDoFqAqjC	2	482.8	6.28	0.0	0.0	1.0
c9oAoDoFqC	2	482.8	6.28	0.0	0.0	1.0
EtDc7oArI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAqjI	2	482.8	6.28	0.0	0.0	1.0
DEtDc7oAqI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAqIqjD	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAq1qJD EtDc7oAoIqD	2	482.8	6.28	0.0	0.0	1.0
c7oAoD	2	482.8	6.28	0.0	0.0	1.0
c7oyAoD	2	482.8	6.28	0.0	0.0	1.0
EtDc7oIrA	2	482.8	6.28	0.0	0.0	1.0
EtDc7oIqjA	2	482.8	6.28	0.0	0.0	1.0
CEtDc7oIqA	2	482.8	6.28	0.0	0.0	1.0
DEtDc7oIqA	2	482.8	6.28	0.0	0.0	1.0
EtDc7oIqAqjC	2	482.8	6.28	0.0	0.0	1.0
EtDc7oIqAqjD	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoIqC	2	482.8	6.28	0.0	0.0	1.0
MeEc8oArI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAqjI	2	482.8	6.28	0.0	0.0	1.0
DMeEc8oAqI	2	482.8	6.28	0.0	0.0	1.0
FMeEc8oAqI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAqIqjD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAqIqjF	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoIqD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoIqF	2	482.8	6.28	0.0	0.0	1.0
MeCc6oAoG	2	482.8	6.28	0.0	0.0	1.0
МеСсбоуАоG	2	482.8	6.28	0.0	0.0	1.0
MeCc6oAoyG	2	482.8	6.28	0.0	0.0	1.0
-	2	482.8				
ВсбоАоГ			6.28	0.0	0.0	1.0
MeEc8oIrA	2	482.8	6.28	0.0	0.0	1.0
Fc9oA	2	482.8	6.28	0.0	0.0	1.0
MeEc8oIqjA	2	482.8	6.28	0.0	0.0	1.0
CMeEc8oIqA	2	482.8	6.28	0.0	0.0	1.0
DMeEc8oIqA	2	482.8	6.28	0.0	0.0	1.0
MeEc8oIqAqjC	2	482.8	6.28	0.0	0.0	1.0
MeEc8oIqAqjD	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoIqC	2	482.8	6.28	0.0	0.0	1.0
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c9oAqjF	2	482.8	6.28	0.0	0.0	1.0
Cc9oAqF	2	482.8	6.28	0.0	0.0	1.0
Dc9oAqF	2	482.8	6.28	0.0	0.0	1.0
	2					
Hc9oAqF		482.8	6.28	0.0	0.0	1.0
c9oAqFqjC	2	482.8	6.28	0.0	0.0	1.0
c9oAqFqjD	2	482.8	6.28	0.0	0.0	1.0
c9oAqFqjH	2	482.8	6.28	0.0	0.0	1.0
c9oAoFqC	2	482.8	6.28	0.0	0.0	1.0
c9oAoFqD	2	482.8	6.28	0.0	0.0	1.0
c9oAoFqH	2	482.8	6.28	0.0	0.0	1.0
<del>-</del>						
MeBc5oArF	2	482.8	6.28	0.0	0.0	1.0
pchoBqjE	2	482.8	6.28	0.0	0.0	1.0
CpchoBqE	2	482.8	6.28	0.0	0.0	1.0
pchoBqEqjC	2	482.8	6.28	0.0	0.0	1.0
pchoBoEqC	2	482.8	6.28	0.0	0.0	1.0
pchoEqjB	2	482.8	6.28	0.0	0.0	1.0
DpchoEqB	2	482.8	6.28	0.0	0.0	1.0
		482.8				
pchoEqBqjD	2		6.28	0.0	0.0	1.0
pchoBoEqD	2	482.8	6.28	0.0	0.0	1.0
c7e6oA	2	482.8	6.28	0.0	0.0	1.0
Ec7e6oA	2	482.8	6.28	0.0	0.0	1.0
c5e4oB	2	482.8	6.28	0.0	0.0	1.0
Cc5e4oB	2	482.8	6.28	0.0	0.0	1.0
c7e6oAoE	2	482.8	6.28	0.0	0.0	1.0
c7e6oyAoE	2	482.8	6.28	0.0	0.0	1.0
Dc7oA	2	482.8	6.28	0.0	0.0	1.0
c7e3oA	2	482.8	6.28	0.0	0.0	1.0
c7e4oyA	2	482.8	6.28	0.0	0.0	1.0
Cc5e4oA	2	482.8	6.28	0.0	0.0	1.0
c6e5oAo4	2	482.8	6.28	0.0	0.0	1.0
c6e5oyAo4	2	482.8	6.28	0.0	0.0	1.0
c5e4oAoC	2	482.8	6.28	0.0	0.0	1.0
c5e4oyAoC	2	482.8	6.28	0.0	0.0	1.0
c6alCco	2	482.8	6.28	0.0	0.0	1.0
MeCc6oBoGrA	2	482.8	6.28	0.0	0.0	1.0
c7e6oAoD	2	482.8	6.28	0.0	0.0	1.0
c7e6oyAoD	2	482.8	6.28	0.0	0.0	1.0
c9e5oAoD	2	482.8	6.28	0.0	0.0	1.0
c9e5oyAoD	2	482.8	6.28	0.0	0.0	1.0
c9e6oAoD	2	482.8	6.28	0.0	0.0	1.0
с9ебоуАоД	2	482.8	6.28	0.0	0.0	1.0
Ac8e5oC	2	482.8	6.28	0.0	0.0	1.0
c6e5oAoC	2	482.8	6.28	0.0	0.0	1.0
сбе5оуАоС	2	482.8	6.28	0.0	0.0	1.0
Gic7al	2	482.8	6.28	0.0	0.0	1.0
Ac6oC	2	482.8	6.28	0.0	0.0	1.0
Gpc7al	2	482.8	6.28	0.0	0.0	1.0
Bc5oA	2	482.8	6.28			1.0
				0.0	0.0	
ch2coch2hco	2	482.8	6.28	0.0	0.0	1.0
c7e6oAoC	2	482.8	6.28	0.0	0.0	1.0
с7ебоуАоС	2	482.8	6.28	0.0	0.0	1.0
Cc6oA	2	482.8	6.28	0.0	0.0	1.0
Ipc9oAoB	2	482.8	6.28	0.0	0.0	1.0
c2h4cohco	2	482.8	6.28	0.0	0.0	1.0
c6e5oAoB	2	482.8	6.28	0.0	0.0	1.0
сбе5оуАоВ	2	482.8	6.28	0.0	0.0	1.0
Bc5oAoC	2	482.8	6.28	0.0	0.0	1.0
Ac7oD	2	482.8	6.28	0.0	0.0	1.0
Ac7oBoD	2	482.8	6.28	0.0	0.0	1.0
Ec7e6oAoB	2	482.8	6.28	0.0	0.0	1.0
chxoAoC	2	482.8	6.28	0.0	0.0	1.0

chxoAoD	2	482.8	6.28	0.0	0.0	1.0
BchxoAoC	2	482.8	6.28	0.0	0.0	1.0
DchxoAoC	2	482.8	6.28	0.0	0.0	1.0
сбоАоВоуF	2	482.8	6.28	0.0	0.0	1.0
	2	482.8				
Ec5oAoB			6.28	0.0	0.0	1.0
Fc6e1oCoE	2	482.8	6.28	0.0	0.0	1.0
DchxoqB	2	482.8	6.28	0.0	0.0	1.0
chxoqBqjD	2	482.8	6.28	0.0	0.0	1.0
chxoAoBojD	2	482.8	6.28	0.0	0.0	1.0
chxoAoBqD	2	482.8	6.28	0.0	0.0	1.0
Fc6oAoDoE	2	482.8	6.28	0.0	0.0	1.0
Fc6oAoCoD	2	482.8	6.28	0.0	0.0	1.0
FpchqDqE	2	482.8	6.28	0.0	0.0	1.0
pche5qD	2	482.8	6.28	0.0	0.0	1.0
pche5ojD	2	482.8	6.28	0.0	0.0	1.0
c9e1qAoF	2	482.8	6.28	0.0	0.0	1.0
c9elojAoF	2	482.8	6.28	0.0	0.0	1.0
Dc5oBohE	2	482.8	6.28	0.0	0.0	1.0
c5oBqjDohE	2	482.8	6.28	0.0	0.0	1.0
c4oAoC	2	482.8	6.28	0.0	0.0	1.0
c4oyAoC	2	482.8	6.28	0.0	0.0	1.0
Fc9e1qDqF	2	482.8	6.28	0.0	0.0	1.0
Iic9e1qDqI	2	482.8	6.28	0.0	0.0	1.0
c9e1oFqD	2	482.8	6.28	0.0	0.0	1.0
c9e1oFojD	2	482.8	6.28	0.0	0.0	1.0
EtDc7e1oIqD	2	482.8	6.28	0.0	0.0	1.0
EtDc7eloIojD	2	482.8	6.28	0.0	0.0	1.0
c7e1oD	2	482.8	6.28	0.0	0.0	1.0
Cc7e1oD	2	482.8	6.28	0.0	0.0	1.0
Ipche4e6	2	482.8	6.28	0.0	0.0	1.0
Dpche5e7	2	482.8	6.28	0.0	0.0	1.0
Ipche5e7	2	482.8	6.28	0.0	0.0	1.0
BchxoAoD	2	482.8	6.28	0.0	0.0	1.0
chxe2oAoD	2	482.8	6.28	0.0	0.0	1.0
Echxe2oAoD	2	482.8	6.28	0.0	0.0	1.0
c6eloCoyF	2	482.8	6.28	0.0	0.0	1.0
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c6e2e5oyAoD	2	482.8	6.28	0.0	0.0	1.0
Ic9oAoD	2	482.8	6.28	0.0	0.0	1.0
Gc7oAoD	2	482.8	6.28	0.0	0.0	1.0
Ic9oBoD	2	482.8	6.28	0.0	0.0	1.0
Gc7oBoD	2	482.8	6.28	0.0	0.0	1.0
Ac5oBoD	2	482.8	6.28	0.0	0.0	1.0
MeDc6oBoGrF	2	482.8	6.28	0.0	0.0	1.0
Bc5oAoD	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloIqG	2	482.8	6.28	0.0	0.0	1.0
<del>-</del>	2					
MeEc8eloIojG		482.8	6.28	0.0	0.0	1.0
MeEc6eloGrF	2	482.8	6.28	0.0	0.0	1.0
Fc9e1qEqH	2	482.8	6.28	0.0	0.0	1.0
c9e1e5qH	2	482.8	6.28	0.0	0.0	1.0
с9e1e5ojH	2	482.8	6.28	0.0	0.0	1.0
c7e1e6qC	2	482.8	6.28	0.0	0.0	1.0
c7e1e6ojC	2	482.8	6.28	0.0	0.0	1.0
Cc7h11-16	2	482.8	6.28	0.0	0.0	1.0
c9e5oAqH	2	482.8	6.28	0.0	0.0	1.0
c9e5oAojH	2	482.8	6.28	0.0	0.0	1.0
HpchqBqE	2	482.8	6.28	0.0	0.0	1.0
pche4qB	2	482.8	6.28	0.0	0.0	1.0
pche4ojB	2	482.8	6.28	0.0	0.0	1.0
mche1qC	2	482.8	6.28	0.0	0.0	1.0
mchelojC	2	482.8	6.28	0.0	0.0	1.0
MeBc4e1oErD	2	482.8	6.28	0.0	0.0	1.0
	_					

ch2ccho	2	482.8	6.28	0.0	0.0	1.0
pche5qB	2	482.8	6.28	0.0	0.0	1.0
pche5ojB	2	482.8	6.28	0.0	0.0	1.0
Amche3	2	482.8	6.28	0.0	0.0	1.0
Gc7e1e3	2	482.8	6.28	0.0	0.0	1.0
Fc9e1qAqH	2	482.8	6.28	0.0	0.0	1.0
c7e1e6qA	2	482.8	6.28	0.0	0.0	1.0
Bc7e6oA	2	482.8	6.28	0.0	0.0	1.0
Ic9oCoD	2	482.8	6.28	0.0	0.0	1.0
Gc7oCoD	2	482.8	6.28	0.0	0.0	1.0
Ac5oBoC	2	482.8	6.28	0.0	0.0	1.0
MeDc6oCoGrF	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloIqF	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloIojF	2	482.8	6.28	0.0	0.0	1.0
Bc6e5oA	2	482.8	6.28	0.0	0.0	1.0
chxe1qC	2	482.8	6.28	0.0	0.0	1.0
chxelojC	2	482.8	6.28	0.0	0.0	1.0
chchhco	2	482.8	6.28	0.0	0.0	1.0
c9e5oAqG	2	482.8	6.28	0.0	0.0	1.0
c9e5oAojG	2	482.8	6.28	0.0	0.0	1.0
c7e2oAoG	2	482.8	6.28	0.0	0.0	1.0
	2					
c7e2oyAoG		482.8	6.28	0.0	0.0	1.0
c7e2oAoyG	2	482.8	6.28	0.0	0.0	1.0
c7e1oAoG	2	482.8	6.28	0.0	0.0	1.0
c7e1oAoyG	2	482.8	6.28	0.0	0.0	1.0
Fc6eloA	2	482.8	6.28	0.0	0.0	1.0
Dc4eloA	2	482.8	6.28	0.0	0.0	1.0
Fc9e1qEqG	2	482.8	6.28	0.0	0.0	1.0
c9e1e6qE	2	482.8	6.28	0.0	0.0	1.0
c9e1e6ojE	2	482.8	6.28	0.0	0.0	1.0
	2					
c9e1e5qG		482.8	6.28	0.0	0.0	1.0
c9e1e5ojG	2	482.8	6.28	0.0	0.0	1.0
c7e2e6oA	2	482.8	6.28	0.0	0.0	1.0
с7е2ебоуА	2	482.8	6.28	0.0	0.0	1.0
c5e2oA	2	482.8	6.28	0.0	0.0	1.0
c5e2oyA	2	482.8	6.28	0.0	0.0	1.0
EtDc7e1qEqHrI	2	482.8	6.28	0.0	0.0	1.0
EtDc7e1e8qE	2	482.8	6.28	0.0	0.0	1.0
EtDc7e1e8ojE	2	482.8	6.28	0.0	0.0	1.0
MeCc6oAoDrG	2	482.8		0.0	0.0	1.0
			6.28			
pche3qF	2	482.8	6.28	0.0	0.0	1.0
pche3ojF	2	482.8	6.28	0.0	0.0	1.0
MeEc8e5oArI	2	482.8	6.28	0.0	0.0	1.0
EtDc7e4oIrA	2	482.8	6.28	0.0	0.0	1.0
MeEc7e6e8oA	2	482.8	6.28	0.0	0.0	1.0
MeEc7e6e8oyA	2	482.8	6.28	0.0	0.0	1.0
MeCc6e3oArG	2	482.8	6.28	0.0	0.0	1.0
MeCc6e1e7rF	2	482.8	6.28	0.0	0.0	1.0
MeCc5e4e5oA	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
MeCc5e4e5oyA		482.8		0.0	0.0	1.0
MeEc8e8oAqF	2	482.8	6.28	0.0	0.0	1.0
${\tt MeEc8e8oAojF}$	2	482.8	6.28	0.0	0.0	1.0
Ec6e5oA	2	482.8	6.28	0.0	0.0	1.0
${\tt MeBc6e7oAoF}$	2	482.8	6.28	0.0	0.0	1.0
MeBc6e7oAoyF	2	482.8	6.28	0.0	0.0	1.0
MeBc6e7oyAoF	2	482.8	6.28	0.0	0.0	1.0
MeBc5e6oArE	2	482.8	6.28	0.0	0.0	1.0
ic3h4hco	2	482.8	6.28	0.0	0.0	1.0
EtDc7eloIqE	2	482.8	6.28	0.0	0.0	1.0
	2					
EtDc7eloIojE		482.8	6.28	0.0	0.0	1.0
MeCc6e5oAoG	2	482.8	6.28	0.0	0.0	1.0

MeCc6e5oyAoG	2	482.8	6.28	0.0	0.0	1.0
MeCc6e5oAoyG	2	482.8	6.28	0.0	0.0	1.0
MeBc5e4oArF	2	482.8	6.28	0.0	0.0	1.0
Cc6e5oA	2	482.8	6.28	0.0	0.0	1.0
Dc7oAoC	2	482.8	6.28	0.0	0.0	1.0
c3h7chco	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oAqC	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oAojC	2	482.8	6.28	0.0	0.0	1.0
c9e5oAqC	2	482.8	6.28	0.0	0.0	1.0
c9e5oAojC	2	482.8	6.28	0.0	0.0	1.0
MeCc6eloG	2	482.8	6.28	0.0	0.0	1.0
MeCc6eloyG	2	482.8	6.28	0.0	0.0	1.0
c7e3oyA	2	482.8	6.28	0.0	0.0	1.0
chxoAqC	2	482.8	6.28	0.0	0.0	1.0
chxoAojC	2	482.8	6.28	0.0	0.0	1.0
Fc6oAoC	2	482.8	6.28	0.0	0.0	1.0
Fc6oAoE	2	482.8	6.28	0.0	0.0	1.0
AmchqBqD	2	482.8	6.28	0.0	0.0	1.0
mchelqD	2	482.8	6.28	0.0	0.0	1.0
mchelojD	2	482.8	6.28	0.0	0.0	1.0
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MeEc6e5oArG	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oArF	2	482.8	6.28	0.0	0.0	1.0
MeCc4e3oArE	2	482.8	6.28	0.0	0.0	1.0
pche6qD	2	482.8	6.28	0.0	0.0	1.0
pche6ojD	2	482.8	6.28	0.0	0.0	1.0
Ac9e2oF	2	482.8	6.28	0.0	0.0	1.0
Ac9e3oF	2	482.8	6.28	0.0	0.0	1.0
Ac7e1oD	2	482.8	6.28	0.0	0.0	1.0
Ic9e3oA	2	482.8	6.28	0.0	0.0	1.0
Gc7e3oA	2	482.8	6.28	0.0	0.0	1.0
Ic9e4oA	2	482.8	6.28	0.0	0.0	1.0
MeDc8e9oArH	2	482.8	6.28	0.0	0.0	1.0
MeDc6e7oArF	2	482.8	6.28	0.0	0.0	1.0
Dc5e4oA	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oArG	2	482.8	6.28	0.0	0.0	1.0
Gc7e4oA	2	482.8	6.28	0.0	0.0	1.0
			6.28			
Ec5e4oA	2	482.8		0.0	0.0	1.0
MeDc6e5oArG	2	482.8	6.28	0.0	0.0	1.0
Dc9e8oA	2	482.8	6.28	0.0	0.0	1.0
EtDc7e6oArI	2	482.8	6.28	0.0	0.0	1.0
Dc7e6oA	2	482.8	6.28	0.0	0.0	1.0
Gc7e1oE	2	482.8	6.28	0.0	0.0	1.0
Ic9e3oB	2	482.8	6.28	0.0	0.0	1.0
Gc7e3oB	2	482.8	6.28	0.0	0.0	1.0
MeDc8e9oBrH	2	482.8	6.28	0.0	0.0	1.0
MeDc6e7oBrF	2	482.8	6.28	0.0	0.0	1.0
Dc5e4oB	2	482.8	6.28	0.0	0.0	1.0
Ic9e4oB	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oBrG	2	482.8	6.28	0.0	0.0	1.0
Gc7e4oB	2	482.8	6.28	0.0	0.0	1.0
Ec5e4oB	2	482.8	6.28	0.0	0.0	1.0
MeDc6e5oBrG	2	482.8	6.28			
Dc9e8oB	2	482.8		0.0	0.0	1.0
			6.28	0.0	0.0	1.0
EtDc7e6oBrI	2	482.8	6.28	0.0	0.0	1.0
Dc7e6oB	2	482.8	6.28	0.0	0.0	1.0
MeDc8e7oBrI	2	482.8	6.28	0.0	0.0	1.0
MeDc8e9oCrH	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oDrA	2	482.8	6.28	0.0	0.0	1.0
Bc5e1oC	2	482.8	6.28	0.0	0.0	1.0
echeloD	2	482.8	6.28	0.0	0.0	1.0
с9ебоуА	2	482.8	6.28	0.0	0.0	1.0

Ic9e3oE	2	482.8	6.28	0.0	0.0	1.0
Hc8h15-3	2	482.8	6.28	0.0	0.0	1.0
Ac7e4oC	2	482.8	6.28	0.0	0.0	1.0
	2					
Ic9e4oC		482.8	6.28	0.0	0.0	1.0
EtDc7e9oCrH	2	482.8	6.28	0.0	0.0	1.0
Gc7e4oC	2	482.8	6.28	0.0	0.0	1.0
Ac5eloC	2	482.8	6.28	0.0	0.0	1.0
MeCc6eloDrG	2	482.8	6.28	0.0	0.0	1.0
	2					
Ac9e6oB		482.8	6.28	0.0	0.0	1.0
Gc7h13-3	2	482.8	6.28	0.0	0.0	1.0
Ac9e6oD	2	482.8	6.28	0.0	0.0	1.0
Ac7e4oB	2	482.8	6.28	0.0	0.0	1.0
EtDc7e6oCrI	2	482.8	6.28	0.0	0.0	1.0
Dc9e8oC	2	482.8	6.28	0.0	0.0	1.0
Dc7e1oE	2	482.8	6.28	0.0	0.0	1.0
echeloF	2	482.8	6.28	0.0	0.0	1.0
Ac9e6oC	2	482.8	6.28	0.0	0.0	1.0
MeDc8e7oCrI	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oDrA	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oBrA	2	482.8	6.28	0.0	0.0	1.0
mche1oD	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oCrA	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oyA	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oyA	2	482.8	6.28	0.0	0.0	1.0
<b>-</b>						
MeBc5e1rF	2	482.8	6.28	0.0	0.0	1.0
MeDc7e8rA	2	482.8	6.28	0.0	0.0	1.0
mche1oE	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oBrH	2	482.8	6.28	0.0	0.0	1.0
Ac9e5oC	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28			
MeEc6e5oBrG				0.0	0.0	1.0
Ac9e5oD	2	482.8	6.28	0.0	0.0	1.0
Ac7e3oB	2	482.8	6.28	0.0	0.0	1.0
EtDc7eloCrI	2	482.8	6.28	0.0	0.0	1.0
Dc7e1oC	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oyA	2	482.8	6.28	0.0	0.0	1.0
	2		6.28			
EtCc6e1rH		482.8		0.0	0.0	1.0
MeEc8eloDrI	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloyI	2	482.8	6.28	0.0	0.0	1.0
c6e1e5oC	2	482.8	6.28	0.0	0.0	1.0
Ec8h15-1	2	482.8	6.28	0.0	0.0	1.0
Ac9e5oB	2	482.8	6.28	0.0	0.0	1.0
EtDc7e9oBrA	2	482.8	6.28	0.0	0.0	1.0
MeCc6elrG	2	482.8	6.28	0.0	0.0	1.0
EtDc7e1oHrI	2	482.8	6.28	0.0	0.0	1.0
Fc9e1oE	2	482.8	6.28	0.0	0.0	1.0
c7e1e6oC	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	
c9e5oyA						1.0
EtDc7e9oCrA	2	482.8	6.28	0.0	0.0	1.0
Ac8h15-4	2	482.8	6.28	0.0	0.0	1.0
EtBc5e7oyA	2	482.8	6.28	0.0	0.0	1.0
Fc9e1oC	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloCrI	2	482.8	6.28	0.0	0.0	1.0
EtDc7eloyI	2	482.8	6.28	0.0	0.0	1.0
MeDc7e1rH	2	482.8	6.28	0.0	0.0	1.0
Fc9e1oD	2	482.8	6.28	0.0	0.0	1.0
c7e1e6oD	2	482.8	6.28	0.0	0.0	1.0
ch2cco	2	482.8	6.28	0.0	0.0	1.0
EtDc7e3oIrG	2	482.8	6.28	0.0	0.0	1.0
Etall	2	482.8	6.28	0.0	0.0	1.0
EpchqDqB	2	482.8	6.28	0.0	0.0	1.0
Fc6e1e4	2	482.8	6.28	0.0	0.0	1.0

mche1qDqF	2	482.8	6.28	0.0	0.0	1.0
mche1qDojF	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oAqC	2	482.8	6.28	0.0	0.0	1.0
MeEc6e5oAqCrG	2	482.8	6.28	0.0	0.0	1.0
Dc4oAqC	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oAqErF	2	482.8	6.28	0.0	0.0	1.0
MeCc6e5e7oA	2	482.8	6.28	0.0	0.0	1.0
MeCc6e5e7oyA	2	482.8	6.28	0.0	0.0	1.0
MeBc5e1e4rF	2	482.8	6.28	0.0	0.0	1.0
MeEc8e9oAojC	2	482.8	6.28	0.0	0.0	1.0
MeCc6e7oA	2	482.8	6.28	0.0	0.0	1.0
Ic9e3qFqH	2	482.8	6.28	0.0	0.0	1.0
c9e1e6qD	2	482.8	6.28	0.0	0.0	1.0
c9e1e6ojD	2	482.8	6.28	0.0	0.0	1.0
сбе3оА	2	482.8	6.28	0.0	0.0	1.0
сбе3оуА	2	482.8	6.28	0.0	0.0	1.0
BchxqAqC	2	482.8	6.28	0.0	0.0	1.0
c9e6oAqE	2	482.8	6.28	0.0	0.0	1.0
c9e6oAojE	2	482.8	6.28	0.0	0.0	1.0
-						
MeEc8eloIqD	2	482.8	6.28	0.0	0.0	1.0
MeEc8eloIojD	2	482.8	6.28	0.0	0.0	1.0
pche5qH	2	482.8	6.28	0.0	0.0	1.0
pche5ojH	2	482.8	6.28	0.0	0.0	1.0
EtDc7eloIrC	2	482.8	6.28	0.0	0.0	1.0
pche4qH	2	482.8	6.28	0.0	0.0	1.0
pche4ojH	2	482.8	6.28	0.0	0.0	1.0
-	2					
MeEc8e9oArD		482.8	6.28	0.0	0.0	1.0
c9e6oAqD	2	482.8	6.28	0.0	0.0	1.0
c9e6oAojD	2	482.8	6.28	0.0	0.0	1.0
BchxqAqD	2	482.8	6.28	0.0	0.0	1.0
chxe1qD	2	482.8	6.28	0.0	0.0	1.0
chxelojD	2	482.8	6.28	0.0	0.0	1.0
ac3h4hco1	2	482.8	6.28	0.0	0.0	1.0
pche6qI	2	482.8	6.28	0.0	0.0	1.0
	2	482.8	6.28	0.0	0.0	
pche6ojI						1.0
MeEc8eloIrC	2	482.8	6.28	0.0	0.0	1.0
pche5qI	2	482.8	6.28	0.0	0.0	1.0
pche5ojI	2	482.8	6.28	0.0	0.0	1.0
Fc9e4oA	2	482.8	6.28	0.0	0.0	1.0
c7e4e6oA	2	482.8	6.28	0.0	0.0	1.0
c7e4e6oyA	2	482.8	6.28	0.0	0.0	1.0
Ec6h9-13	2	482.8	6.28	0.0	0.0	1.0
AchxqBqD	2	482.8	6.28	0.0	0.0	1.0
c9e6oAqC	2			0.0		
-		482.8	6.28		0.0	1.0
c9e6oAojC	2	482.8	6.28	0.0	0.0	1.0
c7e4oA	2	482.8	6.28	0.0	0.0	1.0
chxe1qjC	2	482.8	6.28	0.0	0.0	1.0
Echxe1qC	2	482.8	6.28	0.0	0.0	1.0
chxe1qCqjE	2	482.8	6.28	0.0	0.0	1.0
chxeloCqE	2	482.8	6.28	0.0	0.0	1.0
chxeloCojE	2	482.8	6.28	0.0	0.0	1.0
c6e2e5oA	2	482.8	6.28	0.0		
					0.0	1.0
c6e2e5oyA	2	482.8	6.28	0.0	0.0	1.0
c8h15hco	2	482.8	6.28	0.0	0.0	1.0
c8h15co	2	482.8	6.28	0.0	0.0	1.0
c9oAoF	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oyAoI	2	482.8	6.28	0.0	0.0	1.0
MeEc8oAoyI	2	482.8	6.28	0.0	0.0	1.0
EtDc7oAoI	2	482.8	6.28	0.0	0.0	1.0
	2					
EtDc7oyAoI	4	482.8	6.28	0.0	0.0	1.0

EtDc7oAoyI	2	482.8	6.28	0.0	0.0	1.0
c9e8oD	2	482.8	6.28	0.0	0.0	1.0
Hc8oD	2	482.8	6.28	0.0	0.0	1.0
MeDc7oHrA	2	482.8	6.28	0.0	0.0	1.0
Ec8oA	2	482.8	6.28	0.0	0.0	1.0
EtCc6oArH	2	482.8	6.28	0.0	0.0	1.0
MeDc7oArH	2	482.8	6.28	0.0	0.0	1.0
VINacrol	2	482.8	6.28	0.0	0.0	1.0
c5oAoE	2	482.8	6.28	0.0	0.0	1.0
c5oyAoE	2	482.8	6.28	0.0	0.0	1.0
eche1	2	482.8	6.28	0.0	0.0	1.0
P2c4h614	2	482.8	6.28	0.0	0.0	1.0
ech	2	482.8	6.28	0.0	0.0	1.0
ch2ch2ch2hco	2	482.8	6.28	0.0	0.0	1.0
Ac5oB	2	482.8	6.28	0.0	0.0	1.0
P2c4h513	2	482.8	6.28	0.0	0.0	1.0
echele3	2	482.8	6.28	0.0	0.0	1.0
c2h3coc2h4	2	482.8	6.28	0.0	0.0	1.0
AechoE	2	482.8	6.28	0.0	0.0	1.0
AechoB	2	482.8	6.28	0.0	0.0	1.0
etvinket	2	482.8	6.28	0.0	0.0	1.0
echeloE	2	482.8	6.28	0.0	0.0	1.0
echA	2	482.8	6.28	0.0	0.0	1.0
echoA	2	482.8	6.28	0.0	0.0	1.0
divinket	2	482.8	6.28	0.0	0.0	1.0
choch2ch2cho	2	482.8	6.28	0.0	0.0	1.0
choch2ch2co	2	482.8	6.28	0.0	0.0	1.0
echoyA	2	482.8	6.28	0.0	0.0	1.0
pc2h4coc2h3	2	482.8	6.28	0.0	0.0	1.0
nc3h7coch2	2	482.8	6.28	0.0	0.0	1.0
Aeche1	2	482.8	6.28	0.0	0.0	1.0
echoAoD	2	482.8	6.28	0.0	0.0	1.0
eche2oA	2	482.8	6.28	0.0	0.0	1.0
echoyAoD	2	482.8	6.28	0.0	0.0	1.0
c2h5coc2h3	2	482.8	6.28	0.0	0.0	1.0
vinacrol	2	482.8	6.28	0.0	0.0	1.0
Mec8oor	2	482.8	6.28	0.0	0.0	1.0
Ceche1	2	482.8	6.28	0.0	0.0	1.0
AechoD	2	482.8	6.28	0.0	0.0	1.0
pchoA	2	482.8	6.28	0.0	0.0	1.0
pchoyA	2	482.8	6.28	0.0	0.0	1.0
pchoB	2	482.8	6.28	0.0	0.0	1.0
pchoC	2	482.8	6.28	0.0	0.0	1.0
pchoE	2	482.8	6.28	0.0	0.0	1.0
pchoF	2	482.8	6.28	0.0	0.0	1.0
pchoG	2	482.8	6.28	0.0	0.0	1.0