

FILE NAME
REACTION
BEAM_MASS TARGET_MASS THRESHOLD FINAL_STATE_MULTIPLICITY
NUMBER_OF_DATA_POINTS
POINT_NUMBER PLAB(GEV/C) PLAB_MIN PLAB_MAX SIG(MB) STA_ERR+ STA_ERR- SY_ER+(PCT) SY_ER-(PCT) REFERENCE FLAG
FORMAT(I5,1X,4F11.5,2F8.4,1X,2F6.1,A)

ELASTIC.DAT											
P P --> 2P											
0.938270	0.938270	0.	2								
154											
1	0.84600	0.83500	0.85700	23.200	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
2	0.97935	0.95846	1.00002	24.000	1.0000	1.0000	0.0	0.0	FOCARDI 65	NC 39,	405
3	1.00000	0.98900	1.01100	25.800	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
4	1.00959	0.99452	1.02456	24.000	2.0000	2.0000	20.	20.	SMITH 55	PR 97,	1186
5	1.03673	1.03552	1.03794	22.000	2.0000	2.0000	0.0	0.0	MESHCHERYAKO 56	NCS 3,	119
6	1.11100	1.10000	1.12200	25.800	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
7	1.12700	1.12700	1.12700	24.000	5.0000	5.0000	0.0	0.0	ELIOFF 59	PRL 3,	285
8	1.16810	1.16810	1.16810	25.200	0.80000	0.80000	0.0	0.0	MESHCHERYAKO 56B	ZETF 31,	45
9	1.20634	1.18760	1.22497	25.000	2.0000	2.0000	20.	20.	SMITH 55	PR 97,	1186
10	1.21500	1.20500	1.22500	25.300	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
11	1.23200	1.23200	1.23200	24.200	1.6000	1.6000	0.0	0.0	ROELLIG 59	PR 116,	1001
12	1.28140	1.28140	1.28140	25.100	0.80000	0.80000	0.0	0.0	GUZHAVIN 64B	ZETF 46,	1245
13	1.29017	1.28770	1.29264	23.000	2.0000	2.0000	0.0	0.0	MESHCHERYAKO 56	NCS 3,	119
14	1.29400	1.29400	1.29400	24.700	1.0000	1.0000	0.0	0.0	MESHCHERYAKO 56B	ZETF 31,	45
15	1.32300	1.31400	1.33200	24.600	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
16	1.42400	1.41500	1.43300	24.300	0.60000	0.60000	0.5	0.5	SHIMIZU 82B	NP A386,	571
17	1.46329	1.43948	1.48700	21.000	2.0000	2.0000	20.	20.	SMITH 55	PR 97,	1186
18	1.47516	1.35515	1.59240	24.000	3.0000	3.0000	0.0	0.0	MORRIS 56	PR 103,	1472
19	1.53100	1.52000	1.54200	24.100	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
20	1.62800	1.62800	1.62800	26.000	3.0000	3.0000	0.0	0.0	ELIOFF 59	PRL 3,	285
21	1.66167	1.66167	1.66167	26.800	2.3000	2.3000	0.0	0.0	MCFARLANE 63	NC 28,	943
22	1.66167	1.64442	1.67887	24.800	0.90000	0.90000	0.0	0.0	BUGG 64	PR 133,	B1017
23	1.68700	1.67500	1.69900	24.700	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
24	1.69000	1.69000	1.69000	28.200	2.1000	2.1000	0.0	0.0	MURRAY 67	NC A49,	261
25	1.69604	1.66741	1.72455	19.000	3.0000	3.0000	20.	20.	SMITH 55	PR 97,	1186
26	1.78500	1.77300	1.79700	22.700	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
27	1.88600	1.87400	1.89800	22.500	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
28	1.99000	1.97900	2.00100	22.100	0.50000	0.50000	0.5	0.5	SHIMIZU 82B	NP A386,	571
29	2.20000	2.20000	2.20000	22.200	3.4000	3.4000	0.0	0.0	KRUCHININ 65	SJNP 1,	225
30	2.22883	2.22883	2.22883	19.860	0.73000	0.64000	0.0	0.0	EISNER 65	PR 138,	B670
31	2.80000	2.80000	2.80000	16.300	1.0000	1.0000	3.5	3.5	BEZNOGIKH 72D	PL 43B,	85
32	2.80553	2.80553	2.80553	19.210	0.48000	0.48000	1.5	1.5	FICKINGER 62	PR 125,	2082
33	3.00000	3.00000	3.00000	17.200	0.70000	0.70000	4.0	4.0	AMBATS 74	PR D9,	1179
34	3.03662	3.01317	3.06006	17.000	3.0000	3.0000	15.	15.	CORK 57B	PR 107,	859
35	3.65000	3.65000	3.65000	15.200	0.60000	0.60000	4.0	4.0	AMBATS 74	PR D9,	1179
36	3.67024	3.64081	3.69965	15.320	0.76000	0.76000	0.0	0.0	SMITH 61	PR 123,	2160
37	4.00000	3.96000	4.04000	13.500	0.30000	0.30000	0.0	0.0	COLETTI 67	NC A49,	479
38	4.15000	4.10000	4.20000	11.600	2.6000	2.6000	0.0	0.0	BLUE 62	PR 125,	1386
39	4.80000	4.80000	4.80000	14.400	1.2000	1.2000	3.5	3.5	BEZNOGIKH 72D	PL 43B,	85
40	5.00000	5.00000	5.00000	12.700	0.50000	0.50000	4.0	4.0	AMBATS 74	PR D9,	1179
41	5.25517	5.21046	5.29986	10.000	2.0000	2.0000	15.	15.	CORK 57B	PR 107,	859
42	5.52000	5.51000	5.53000	11.990	0.25000	0.25000	0.0	0.0	ALEXANDER 67	PR 154,	1284
43	5.96493	5.96493	5.96493	10.000	2.1000	2.1000	0.0	0.0	PARKS 66	NC A43,	123
44	6.00000	6.00000	6.00000	11.500	0.50000	0.50000	4.0	4.0	AMBATS 74	PR D9,	1179
45	6.60000	6.59010	6.60990	11.470	0.33000	0.33000	0.0	0.0	COLTON 73	PR D7,	3267
46	6.79990	6.79990	6.79990	11.790	0.22000	0.22000	0.0	0.0	FOLEY 63	PRL 11,	425
47	6.80000	6.80000	6.80000	10.600	0.60000	0.60000	3.5	3.5	BEZNOGIKH 72D	PL 43B,	85
48	6.92000	6.84500	6.99500	11.400	0.50000	0.50000	0.0	0.0	ALEXANDER 68C	PR 173,	1322
49	7.02590	6.96385	7.08794	8.0000	2.0000	2.0000	15.	15.	CORK 57B	PR 107,	859
50	7.07634	7.07634	7.07634	9.7000	1.0000	1.0000	0.0	0.0	TSYGANOV 62	ZETF 42,	1456
51	7.07634	7.07634	7.07634	9.8000	0.90000	0.90000	0.0	0.0	ZLATEVA 63	ZETF 44,	1470
52	8.10000	8.00000	8.20000	10.800	0.40000	0.40000	0.0	0.0	GINESTET 69	NP B13,	283
53	8.50000	8.50000	8.50000	8.7400	0.40000	0.40000	0.0	0.0	DO 61B	ZETF 41,	1748
54	8.80000	8.80000	8.80000	11.710	0.22000	0.22000	0.0	0.0	FOLEY 63	PRL 11,	425
55	8.80										