

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)											

PBARP_ELASTIC.DAT											
PBAR P --> P PBAR											
0.938270	0.938270	0.	2								
141											
1	0.15367	0.09699	0.19476	93.700	20.000	20.000	0.0	0.0	HOSSAIN 65	NC 38,	737
2	0.23916	0.19476	0.27688	89.000	15.000	15.000	0.0	0.0	HOSSAIN 65	NC 38,	737
3	0.29406	0.21803	0.35525	80.000	10.000	10.000	0.0	0.0	CORK 62	NC 25,	497
4	0.30600	0.30600	0.30600	74.700	1.9000	1.9000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
5	0.31037	0.27688	0.34087	86.500	16.000	16.000	0.0	0.0	HOSSAIN 65	NC 38,	737
6	0.33600	0.33600	0.33600	75.700	1.9000	1.9000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
7	0.34870	0.30845	0.38522	77.600	3.3000	3.3000	0.0	0.0	CONFORTO 68	NC A54,	441
8	0.36000	0.36000	0.36000	73.100	1.8000	1.8000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
9	0.38100	0.38100	0.38100	71.100	1.7000	1.7000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
10	0.39900	0.39900	0.39900	68.000	1.7000	1.7000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
11	0.40455	0.37725	0.43038	71.100	2.8000	2.8000	0.0	0.0	CONFORTO 68	NC A54,	441
12	0.41600	0.41600	0.41600	65.500	1.6000	1.6000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
13	0.42070	0.36913	0.46746	66.000	6.0000	6.0000	0.0	0.0	CORK 62	NC 25,	497
14	0.43100	0.43100	0.43100	66.400	1.6000	1.6000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
15	0.44412	0.42241	0.46499	68.700	2.5000	2.5000	0.0	0.0	CONFORTO 68	NC A54,	441
16	0.44500	0.44500	0.44500	63.600	1.5000	1.5000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
17	0.45800	0.45800	0.45800	64.800	1.5000	1.5000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
18	0.45899	0.38258	0.52624	66.000	17.000	17.000	0.0	0.0	AGNEW 60	PR 118,	1371
19	0.46746	0.44831	0.48601	62.000	2.2000	2.2000	0.0	0.0	CONFORTO 68	NC A54,	441
20	0.47100	0.47100	0.47100	64.800	1.5000	1.5000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
21	0.48200	0.48200	0.48200	63.700	1.5000	1.5000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
22	0.49300	0.49300	0.49300	64.200	1.4000	1.4000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
23	0.49870	0.48361	0.51345	62.600	2.3000	2.3000	0.0	0.0	CONFORTO 68	NC A54,	441
24	0.50000	0.50000	0.50000	65.700	17.000	17.000	0.0	0.0	BARONI 59	NC 12,	564
25	0.50400	0.50400	0.50400	60.700	1.4000	1.4000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
26	0.51400	0.51400	0.51400	56.500	1.3000	1.3000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
27	0.51698	0.48947	0.54341	72.000	9.0000	11.000	0.0	0.0	COOMBES 58	PR 112,	1303
28	0.52400	0.52400	0.52400	59.000	1.4000	1.4000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
29	0.52481	0.51136	0.53800	59.500	2.1000	2.1000	0.0	0.0	CONFORTO 68	NC A54,	441
30	0.53133	0.23916	0.72913	77.000	17.000	17.000	0.0	0.0	EKSPONG 59	NC 13,	27
31	0.53300	0.53300	0.53300	55.500	1.3000	1.3000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
32	0.54141	0.50654	0.57467	52.000	6.0000	6.0000	0.0	0.0	CORK 62	NC 25,	497
33	0.54200	0.54200	0.54200	54.900	1.3000	1.3000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
34	0.55100	0.55100	0.55100	51.700	1.5000	1.5000	0.0	0.0	CHALOUPKA 76	PL 61B,	487
35	0.55312	0.53981	0.56620	63.500	2.2000	2.2000	0.0	0.0	CONFORTO 68	NC A54,	441
36	0.57715	0.56504	0.58909	61.300	2.0000	2.0000	0.0	0.0	CONFORTO 68	NC A54,	441
37	0.58749	0.52624	0.64444	56.000	14.000	14.000	0.0	0.0	AGNEW 60	PR 118,	1371
38	0.59918	0.58796	0.61026	57.300	1.8000	1.8000	0.0	0.0	CONFORTO 68	NC A54,	441
39	0.63913	0.61026	0.66714	64.000	7.0000	9.0000	0.0	0.0	COOMBES 58	PR 112,	1303
40	0.69000	0.69000	0.69000	53.400	2.1000	2.1000	0.0	0.0	COUPLAND 77	PL 71B,	460
41	0.69606	0.67744	0.71437	51.200	1.6000	1.6000	0.0	0.0	KOHNO 72	NP B41,	485
42	0.72096	0.68764	0.75333	45.000	5.0000	5.0000	0.0	0.0	CORK 62	NC 25,	497
43	0.75333	0.72587	0.78020	50.000	6.0000	7.0000	0.0	0.0	COOMBES 58	PR 112,	1303
44	0.76000	0.76000	0.76000	47.300	0.50000	0.50000	0.0	0.0	BANERJEE 85	ZP C28,	163
45	0.79000	0.79000	0.79000	49.300	2.0000	2.0000	0.0	0.0	COUPLAND 77	PL 71B,	460
46	0.85777	0.83237	0.88277	49.000	5.0000	7.0000	0.0	0.0	COOMBES 58	PR 112,	1303
47	0.86000	0.86000	0.86000	47.200	1.9000	1.9000	0.0	0.0	COUPLAND 77	PL 71B,	460
48	0.99000	0.99000	0.99000	44.500	1.8000	1.8000	0.0	0.0	COUPLAND 77	PL 71B,	460
49	1.09000	1.09000	1.09000	44.200	1.8000	1.8000	0.0	0.0	COUPLAND 77	PL 71B,	460
50	1.11000	1.11000	1.11000	43.800	0.80000	0.80000	0.0	0.0	KALBFLEISCH 71	NP B30,	466
51	1.13456	1.10193	1.16682	42.000	5.0000	5.0000	0.0	0.0	ELIOFF 62	PR 128,	869
52	1.14000	1.14000	1.14000	43.800	1.8000	1.8000	0.0	0.0	COUPLAND 77	PL 71B,	460
53	1.23000	1.21000	1.25000	43.300	1.3000	1.3000	0.0	0.0	BACON 71	NP B32,	66
54	1.23000	1.23000	1.23000	42.100	1.7000	1.7000	0.0	0.0	COUPLAND 77	PL 71B,	460
55	1.24000	1.24000	1.24000	43.200	3.5000	3.5000	0.0	0.0	COOPER 70B	NP B16,	155
56	1.30000	1.28000	1.32000	41.500	1.2000	1.2000	0.0	0.0	BACON 71	NP B32,	66
57	1.30000	1.30000	1.30000	41.300	1.7000	1.7000	0.0	0.0	COUPLAND 77	PL 71B,	460
58	1.32000	1.32000	1.32000	43.300	3.0000	3.0000	0.0	0.0	COOPER 70B	NP B16,	155
59	1.33000	1.33000	1.33000	41.300	0.40000	0.40000	0.0	0.0	KALBFLEISCH 71	NP B30,	466
60	1.34297	1.30251	1.38304	42.000	4.0000	4.0000	0.0	0.0	ELIOFF 62	PR 128,	869
61	1.36000	1.36000	1.36000	40.100	1.6000	1.6000	0.0	0.0	COUPLAND 77	PL 71B,	460
62	1.36000										