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

POINT_NUMBER PLAB(GEV/C) PLAB_MIN PLAB_FORMAT(I5,1X,4F11.5,2F8.4,1X,2F6.1,A)

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SMITH 55 1.18760 20. 0.50000 0.50000 1.21500 1.20500 1.22500 25.300 0.5 0.5 SHIMIZU 82B NP A386, 571 0.0 1.23200 1.23200 24.200 1.6000 1.6000 0.0 ROELLIG 59 PR 116, 1001 1.23200 0.80000 0.80000 0.0 ZETF 46, 1245 1.28140 25.100 0.0 GUZHAVIN 64B 1.28140 1.28140 12 2.0000 2.0000 1.29017 1.28770 1.29264 23.000 0.0 0.0 MESHCHERYAKO 56 NCS 3, 119 1.0000 1.29400 1.29400 24.700 1.0000 0.0 0.0 MESHCHERYAKO 56B ZETF 31, 45 1.29400 14 0.50000 0.50000 1.32300 24.600 0.5 0.5 SHIMIZU 82B 1.31400 1.33200 NP A386, 571 15 0.60000 0.60000 0.5 0.5 1.42400 1.43300 24.300 SHIMIZU 82B NP A386, 571 1.41500 16 PR 97, 1186 1.46329 1.48700 21.000 2.0000 2.0000 20. 20. SMITH 55 17 1.43948 3.0000 3.0000 0.0 0.0 MORRIS 56 PR 103, 1472 1.47516 1.35515 1.59240 24.000 NP A386, 571 19 1.53100 1.52000 1.54200 24.100 0.50000 0.50000 0.5 0.5 SHIMIZU 82B 1.62800 1.62800 1.62800 26.000 3.0000 3.0000 0.0 ELIOFF 59 0.0 PRL 3, 285 0.0 0.0 MCFARLANE 63 1.66167 1.66167 1.66167 26.800 2.3000 2.3000 NC 28, 943 21 24.800 0.90000 0.90000 0.0 0.0 BUGG 64 1.66167 1.64442 1.67887 PR 133, B1017 22 0.50000 0.50000 1.68700 1.69900 24.700 0.5 0.5 SHIMIZU 82B NP A386, 571 1.67500 23 28.200 2.1000 2.1000 0.0 MURRAY 67 1.69000 1.69000 1.69000 0.0 NC A49, 261 24 3.0000 3.0000 1.69604 1.66741 1.72455 19.000 20. 20. SMITH 55 PR 97, 1186 0.50000 0.50000 0.5 0.5 1.79700 22.700 SHIMIZU 82B NP A386, 571 1.78500 1.77300 26 1.88600 22.500 0.50000 0.50000 1.87400 1.89800 0.5 0.5 SHIMIZU 82B NP A386, 571 27 0.5 SHIMIZU 82B 1.99000 1.97900 2.00100 22.100 0.50000 0.50000 0.5 NP A386, 571 28 2.20000 2.20000 2.20000 22.200 3.4000 3.4000 0.0 0.0 KRUCHININ 65 SJNP 1, 225 0.73000 0.64000 0.0 0.0 EISNER 65 PR 138, B670 2.22883 2.22883 2.22883 19.860 1.0000 1.0000 2.80000 2.80000 2.80000 16.300 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 31 0.48000 0.48000 FICKINGER 62 PR 125, 2082 2.80553 2.80553 2.80553 19.210 1.5 1.5 32 4.0 4.0 3.00000 3.00000 3.00000 17.200 0.70000 0.70000 AMBATS 74 PR D9, 1179 33 15. 15. CORK 57B 3.01317 3.06006 17.000 3.0000 3.0000 PR 107, 859 3.03662 34 0.60000 0.60000 4.0 4.0 3.65000 3.65000 3.65000 15.200 AMBATS 74 PR D9, 1179 35 0.76000 0.76000 0.0 0.0 SMITH 61 3.67024 3.64081 3.69965 15.320 PR 123, 2160 36 4.00000 3.96000 4.04000 13.500 0.30000 0.30000 0.0 0.0 COLETTI 67 NC A49, 479 37 4.20000 2.6000 2.6000 0.0 0.0 BLUE 62 PR 125, 1386 4.15000 4.10000 11.600 38 1.2000 1.2000 3.5 3.5 4.80000 4.80000 4.80000 14.400 BEZNOGIKH 72D PL 43B, 85 0.50000 0.50000 5.00000 5.00000 5.00000 12.700 4.0 4.0 AMBATS 74 PR D9, 1179 2.0000 2.0000 15. 15. CORK 57B PR 107, 859 5.25517 5.21046 5.29986 10.000 ALEXANDER 67 5.52000 5.51000 5.53000 11.990 0.25000 0.25000 0.0 0.0 PR 154, 1284 5.96493 10.000 2.1000 2.1000 0.0 0.0 5.96493 5.96493 PARKS 66 NC A43, 123 0.50000 0.50000 6.00000 6.00000 6.00000 11.500 4.0 4.0 AMBATS 74 PR D9, 1179 6.60000 6.59010 6.60990 11.470 0.33000 0.33000 0.0 0.0 COLTON 73 PR D7, 3267 FOLEY 63 6.79990 6.79990 6.79990 11.790 0.22000 0.22000 0.0 0.0 PRL 11, 425 46 6.80000 6.80000 6.80000 10.600 0.60000 0.60000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 6.92000 6.84500 6.99500 11.400 0.50000 0.50000 0.0 0.0 ALEXANDER 68C PR 173, 1322 PR 107, 859 7.02590 6.96385 7.08794 8.0000 2.0000 2.0000 15. 15. CORK 57B 7.07634 7.07634 7.07634 9.7000 1.0000 1.0000 0.0 TSYGANOV 62 ZETF 42, 1456 0.0 9.8000 0.90000 0.90000 7.07634 7.07634 7.07634 0.0 0.0 ZLATEVA 63 ZETF 44, 1470 51 0.0 0.0 GINESTET 69 8.10000 8.00000 8.20000 10.800 0.40000 0.40000 NP B13, 283 52 8.7400 8.50000 8.50000 0.40000 0.400000.0 0.0 DO 61B ZETF 41, 1748 53 8.50000 0.0 0.0 FOLEY 63 PRL 11, 425 8.80000 8.80000 8.80000 11.710 0.22000 0.22000 8.80000 0.0 0.0 PR D27, 2018 8.80000 8.80000 9.8000 0.30000 0.30000 BOOTH 83B 0.50000 0.50000 3.5 3.5 8.90000 8.90000 8.90000 10.100 BEZNOGIKH 72D PL 43B, 85 56 0.32000 0.32000 9.00000 10.840 0.0 0.0 BARTENEV 74B 9.00000 9.00000 YF 22, 317 0.0 0.0 9.11008 9.10003 9.12013 10.800 0.80000 0.80000 DO 63B ZETF 44, 1487 0.0 0.0 9.39140 9.39140 9.39140 8.6000 0.80000 0.80000 MARKOV 60 ZETF 38, 1471 59 0.0 0.0 BOGACHEV 59 9.89388 9.89388 9.89388 10.000 3.0000 3.0000 ZETF 37, 1225 9.99900 9.90000 9.80100 10.200 0.50000 0.50000 15. 15. EDELSTEIN 72 PR D5, 1073 ALMEIDA 68 10.01000 10.00000 10.02000 10.200 0.60000 0.60000 0.0 0.0 PR 174, 1638 10.80000 10.80000 11.040 0.22000 0.22000 0.0 0.0 FOLEY 63 PRL 11, 425 10.80000 0.50000 0.50000 10.90000 10.90000 10.90000 9.9000 3.5 3.5 PL 43B, 85 BEZNOGIKH 72D 64 12.00000 12.00000 12.00000 9.8700 0.23000 0.23000 0.0 0.0 BARTENEV 74B YF 22, 317 0.0 0.0 12.00000 12.00000 12.00000 9.8500 0.20000 0.20000 BLOBEL 73F NP B69, 454 10.400 1.7000 1.7000 0.0 0.0 DIDDENS 62 PRL 9, 108 12.10000 12.10000 12.10000 0.30000 0.30000 0.0 0.0 FOLEY 63 12.80000 12.80000 12.80000 10.890 PRL 11, 425 13.20000 13.20000 8.8700 0.29000 0.29000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 13.20000 FOLEY 63 14.80000 14.80000 14.80000 10.480 0.32000 0.32000 0.0 0.0 PRL 11, 425 4.0000 4.0000 0.0 0.0 14.90877 14.90877 14.90877 11.000 CSEJTHEY 64 NC 32, 545 0.30000 0.30000 15.00000 8.1300 0.0 0.0 ANDERSON 70 15.00000 15.00000 PRL 25, 699 15.10000 14.94900 15.25100 9.7000 0.50000 0.50000 15. 15. EDELSTEIN 72 PR D5, 1073 73 15.50000 15.50000 9.2000 1.4000 1.4000 0.0 0.0 DIDDENS 62 PRL 9, 108 15.50000 74 8.7500 0.29000 0.29000 PL 43B, 85 15.50000 15.50000 15.50000 3.5 3.5 BEZNOGIKH 72D 75 16.20000 16.20000 16.20000 9.3600 0.49000 0.49000 0.0 0.0 GNAT 73 NP B54, 333 76 PRL 11, 425 9.7400 0.37000 0.37000 0.0 0.0 FOLEY 63 16.70000 16.70000 16.70000 77 1.8000 1.8000 0.0 0.0 DIDDENS 62 18.60000 18.60000 18.60000 10.200 PRL 9, 108 18.90000 18.90000 18.90000 8.5900 0.17000 0.17000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 19.00000 19.00000 19.00000 8.7000 0.50000 0.50000 0.0 BOGGILD 69 0.0 PL 30B, 369 PR 130, 1182 19.20000 19.20000 19.20000 9.4000 1.3000 1.3000 0.0 0.0 BULL 63 0.44000 0.44000 9.6400 0.0 0.0 19.60000 19.60000 19.60000 FOLEY 63 PRL 11, 425 20.00000 19.80000 20.20000 9.0000 0.50000 0.50000 15. 15. EDELSTEIN 72 PR D5, 1073 8.0000 1.6000 1.6000 0.0 0.0 DIDDENS 62 21.40000 21.40000 21.40000 PRL 9, 108 21.70000 21.70000 21.70000 8.1500 0.16000 0.16000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 23.50000 8.3000 1.2000 0.70000 0.0 0.0 CZAPEK 62 23.50000 23.50000 PL 1, 226 86 8.3000 0.20000 0.20000 24.00000 24.00000 24.00000 0.0 0.0 BLOBEL 73F NP B69, 454 0.30000 0.30000 24.50000 24.50000 24.50000 8.8000 0.0 0.0 BREITENLOHNE 63 PL 7, 73 24.60000 24.60000 24.60000 8.0200 0.16000 0.16000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 2.2000 2.2000 DIDDENS 62 26.20000 26.20000 26.20000 9.8000 0.0 0.0 PRL 9, 108 27.50000 27.50000 7.9600 0.15000 0.15000 3.5 3.5 PL 43B, 85 27.50000 BEZNOGIKH 72D 91 8.2000 29.70000 29.40300 29.99700 0.60000 0.60000 15. 15. EDELSTEIN 72 PR D5, 1073 92 7.7000 PR D13, 1846 30.00000 30.00000 30.00000 0.20000 0.20000 0.0 0.0 GESHKOV 76 93 30.50000 30.50000 7.8700 0.14000 0.14000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 30.50000 94 7.6600 0.14000 0.14000 BEZNOGIKH 72D PL 43B, 85 33.30000 33.30000 33.30000 3.5 3.5 95 0.11000 0.11000 PL 43B, 85 36.20000 36.20000 36.20000 7.7000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 38.00000 38.00000 38.00000 7.6000 0.10000 0.10000 3.5 3.5 BEZNOGIKH 72D 97 7.5200 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 40.60000 40.60000 40.60000 0.11000 0.11000 45.20000 45.20000 45.20000 7.4000 0.11000 0.11000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 0.29000 0.29000 50.00000 49.70000 50.30000 7.6100 0.0 0.0 AYRES 76D PR D15, 3105 100 50.00000 0.20000 0.20000 50.00000 50.00000 7.0000 0.0 0.0 GESHKOV 76 PR D13, 1846 101 0.0 0.0 102 50.00000 50.00000 50.00000 7.5600 0.12000 0.12000 BARTENEV 74B YF 22, 317 0.12000 0.12000 50.60000 50.60000 50.60000 7.4800 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 103 52.10000 0.12000 0.12000 10452.10000 52.10000 7.3300 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 BEZNOGIKH 72D 105 54.40000 54.40000 54.40000 7.2300 0.11000 0.11000 PL 43B, 85 3.5 3.5 7.2100 57.00000 57.00000 57.00000 0.10000 0.10000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 106 BARTENEV 74B 107 58.00000 58.00000 7.4900 8.0E-02 8.0E-02 0.0 0.0 YF 22, 317 58.00000 108 60.00000 60.00000 6.6000 0.70000 0.70000 0.0 0.0 BROMBERG 76B 60.00000 PR D15, 64 109 60.20000 60.20000 60.20000 7.2500 0.10000 0.10000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 BEZNOGIKH 72D 63.50000 63.50000 63.50000 6.8900 9.0E-02 9.0E-02 3.5 PL 43B, 85 3.5 9.0E-02 9.0E-02 PL 43B, 85 66.10000 66.10000 66.10000 7.0700 3.5 3.5 BEZNOGIKH 72D 111 9.0E-02 9.0E-02 69.20000 6.8600 3.5 BEZNOGIKH 72D PL 43B, 85 112 69.20000 69.20000 3.5 6.8600 69.80001 69.80001 0.10000 0.10000 3.5 3.5 BEZNOGIKH 72D PL 43B, 85 69.80001 7.4100 0.0 0.0 AYRES 76D 11470.00000 69.58000 70.42002 0.31000 0.31000 PR D15, 3105 7.1000 0.20000 0.20000 0.0 0.0 PR D13, 1846 115 70.00000 70.00000 70.00000 GESHKOV 76 99.40000 0.35000 0.35000 116 100.00000 100.60000 7.0700 0.0 0.0 AYRES 76D PR D15, 3105 7.0800 9.0E-02 9.0E-02 117 100.00000 100.00000 100.00000 0.0 0.0 BARTENEV 74B YF 22, 317 102.00000 102.00000 6.9000 CHAPMAN 72B 118 102.00000 1.0000 1.0000 0.0 0.0 PRL 29, 1686 140.00000 139.16000 140.83999 7.0000 0.28000 0.28000 119 0.0 0.0 AYRES 76D PR D15, 3105 147.00000 147.00000 147.00000 6.8500 0.24000 0.24000 0.0 0.0 BRICK 82E 120 PR D25, 2794 0.11000 0.11000 150.00000 0.0 0.0 150.00000 150.00000 6.9700 BARTENEV 74B YF 22, 317 175.00000 173.94999 176.05000 7.0600 0.28000 0.28000 0.0 0.0 122 AYRES 76D PR D15, 3105 200.00000 200.00000 200.00000 6.8700 0.13000 0.13000 0.0 0.0 PR D24, 26 123 SCHIZ 79B 200.00000 BARTENEV 74B 124 200.00000 200.00000 6.9500 8.0E-02 8.0E-02 0.0 0.0 YF 22, 317 205.00000 205.00000 6.9200 0.44000 0.44000 125 205.00000 0.0 0.0 BARISH 74 PR D9, 2689 205.00000 205.00000 205.00000 6.9200 126 0.44000 0.44000 0.0 0.0 BARISH 74I PR D9, 1171 250.00000 250.00000 6.7800 0.23000 0.23000 127 250.00000 0.0 0.0 ADAMUS 87D YF 47, 722 293.35186 293.35186 6.7000 0.30000 0.30000 128 293.35186 0.0 0.0 AMALDI 73C PL 43B, 231 8.0E-02 8.0E-02 293.35186 6.8200 293.35186 293.35186 0.0 0.0 BAKSAY 78 NP B141, 1 293.35186 293.35186 293.35186 6.8000 AMALDI 73E 0.20000 0.20000 4.4 4.4 PL 44B, 112 130 293.35186 293.35186 293.35186 6.8100 0.19000 0.19000 4.0 4.0 AMOS 85 NP B262, 689 131 300.00000 300.00000 7.2900 0.16000 0.16000 0.0 0.0 300.00000 BARTENEV 74B YF 22, 317 132 301.50000 7.8900 0.52000 0.52000 0.0 0.0 300.00000 298.50000 FIRESTONE 74 PR D10, 2080 133 303.00000 303.00000 7.2000 DAO 72 134 303.00000 0.40000 0.40000 0.0 0.0 PRL 29, 1627 491.54168 491.54168 6.8000 135 491.54168 0.60000 0.60000 0.0 0.0 HOLDER 71 PL 35B, 361 498.04302 498.04302 498.04302 6.9000 AMALDI 73C 136 0.40000 0.40000 0.0 0.0 PL 43B, 231 498.04302 7.3900 0.0 0.0 137 498.04302 498.04302 8.0E-02 8.0E-02 BAKSAY 78 NP B141, 1 498.04302 498.04302 498.04302 7.0000 0.20000 0.20000 4.3 4.3 AMALDI 73E 138 PL 44B, 112 139 498.04302 498.04302 498.04302 6.7500 0.17000 0.17000 NP B262, 689 4.0 4.0 AMOS 85 1073.38439 1073.38439 1073.38439 7.4500 8.0E-02 8.0E-02 NP B141, 1 0.0 0.0 BAKSAY 78 141 1073.38439 1073.38439 1073.38439 7.5000 4.0 4.0 AMALDI 73E PL 44B, 112 0.30000 0.30000 1484.68920 1484.68920 1484.68920 7.7900 1.4 1.4 AMBROSIO 82B 0.13000 0.13000 PL 115B, 495 142 1484.68920 1484.68920 1484.68920 7.5600 8.0E-02 8.0E-02 0.0 0.0 BAKSAY 78 NP B141, 1 0.30000 0.30000 1484.68920 1484.68920 1484.68920 7.6000 3.9 3.9 AMALDI 73E PL 44B, 112 145 1484.68920 1484.68920 1484.68920 7.1700 9.0E-02 9.0E-024.0 4.0 AMOS 85 NP B262, 689 AMOS 85 2067.38403 2067.38403 2067.38403 7.5100 $0.19000 \ 0.19000$ 4.0 4.0 NP B262, 689 146 2080.68530 2080.68530 2080.68530 7.7700 0.10000 0.10000 0.0 0.0 BAKSAY 78 NP B141, 1 4.0594E+06 4.0594E+06 4.0594E+06 21.800 1.40000 1.40000 0.0 0.0 TOTEM 19 EPJWC 206,06004

1.10000 1.10000

0.19000 0.19000

1.40000 1.40000

0.18000 0.18000

0.0

0.0

0.0

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0.0 0.0

2.4 2.4

0.0

1.7

1.7

TOTEM 13

ATLAS 14

0.0 TOTEM 13

1.7 TOTEM 19

1.7 TOTEM 19

1.6 1.6 ATLAS 16

2.6112E+07 2.6112E+07 2.6112E+07 25.430

2.6112E+07 2.6112E+07 2.6112E+07 24.000

3.4104E+07 3.4104E+07 3.4104E+07 27.100

3.4104E+07 3.4104E+07 3.4104E+07 24.330

153 9.0046E+07 9.0046E+07 9.0046E+07 31.0

154 9.0046E+07 9.0046E+07 9.0046E+07 30.7

149

150

151

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PRL 111, 012001

NP B889, 486

PL B761, 158

EPJ C79, 103

EPJ C79, 103