A E97-110 Tensor Elements for the Right HRS

A.1 1.096 GeV, 6°

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
t000	-1.0028E+00	-3.4927E-01	-4.7458E-02	-4.0674E-03	
y000	-5.9413E-03	-9.1047E-03	-3.6486E-03	-8.3750E-03	
p000	-1.3750E-03	-1.3744E-02	-1.3232E-02	-1.6684E-02	
D000	9.5156E-04	7.5119E-02	1.0468E-02	-7.3946E-04	5.4530E-04
D001	-3.0069E-03	7.3367E-03	-1.4213E-02		
D002	7.9405E-01	-7.1009E-01			
D003	-6.7809E+00				
D010	-5.3159E-03	-5.0153E-03	-1.2162E-02		
D011	-1.3017E+00	-1.1976E+00	1.3315E+00		
D012	-9.8914E+00				
D020	7.2562E-01	8.1470E-01			
D021	2.0942E+01				
D030	-8.5870E+00				
D040	3.8533E+01				
D050	1.5835E+03				
D100	4.1828E-02	2.9713E-01	1.1547E-02	-1.0093E-01	
D101	-1.5459E+00	1.8326E+00	-6.4735E-01		
D102	4.0887E+01	3.0000E+01			
D110	1.1720E+00	1.2881E+00	-2.9747E-01		
D111	1.0151E+01	-7.8869E+01			
D120	-2.7478E+01	1.4318E+01			
D130	2.3831E+02				
D140	-6.4990E+03				
D200	-3.1101E+00	1.4997E+00	8.5140E-01		
D201	-2.8205E+00	7.2750E+01			
D210	5.6230E+01	-5.3404E+01			
D220	-1.4759E+03				
D230	4.2491E+03				
D300	4.6147E+01	6.2277E-01			
D310	-2.5844E+03				

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
D320	4.8447E+04				
D400	2.9124E+03				
D410	-3.6628E+04				
D500	-1.7862E+03				
T000	5.2432E-04	-4.3093E-05	1.3063E-03	-5.6112E-03	
T100	-2.3389E+00	3.9557E-01	5.7582E-02	2.7054E-01	
T200	-1.1983E+01	1.7803E+00	-1.0554E+00		
T300	1.6680E+02	-1.0604E+02			
T400	8.2346E+03	-2.8955E+03			
T010	-2.4242E-02	-1.9994E-02	-6.6135E-02		
T020	6.9786E-01	5.1235E-01	6.3012E-01		
T001	4.0895E-02	1.7645E-02	1.0381E-01		
T002	1.2242E+00	1.6628E+00	-1.6994E+00		
T110	9.6248E+00	4.6106E+00	1.3247E+00		
T210	2.2113E+02	-2.9322E+01	5.4037E+02		
T310	-2.3332E+04	1.6264E+04	-1.7338E+04		
T320	5.8948E+05				
T120	-1.4538E+02	-5.4608E+01			
T220	-5.4082E+03	9.5735E+03			
T101	-1.4724E+01	4.6662E+00	4.2670E+00		
T102	5.7814E+01	2.7684E+02			
T201	-1.1023E+02	1.5904E+01	-9.7545E+02		
T301	9.8982E+03	-2.1354E+04			
T302	-8.8558E+04				
T202	8.6751E+03	1.5087E+04			
T011	-1.2318E+00	-9.1879E-01	-1.4927E+00		
T022	-3.4532E+03	6.3414E+03			
T111	2.2137E+02	-1.4540E+02	-6.7585E+02		
T211	5.3118E+02	-2.7469E+04			
P000	4.4456E-04	-4.4265E-04	4.7576E-03		
P010	-7.6305E-01	4.3066E-01	-5.6904E-02	6.1219E-02	1.4416E-01
P020	-3.9934E-01	-3.4645E-01	1.6439E+00		
P030	-1.9652E+01	-2.0690E+01	6.2898E+01		

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
P001	7.9881E-03	-5.3683E-01	2.3339E-01	-5.1130E-01	
P002	1.3184E+00	2.8888E+00	4.1572E-01		
P003	2.5226E+02	2.4651E+02			
P100	-1.5599E-02	-9.6581E-02	-2.9342E-02		
P200	3.6970E+00	1.3963E+00			
P011	2.1125E-01	-4.7077E+00	3.4646E-01		
P021	4.0039E+01	-1.4049E+02	5.2775E+02		
P012	1.4075E+01	-4.4655E+02	-5.5372E+02		
P110	5.7037E+00	3.9989E+00	-2.7956E+00		
P120	-3.0947E+01	-4.6962E+00	1.0050E+02		
P210	-4.3495E+01	2.5482E+02	-2.1947E+01		
P310	-6.4118E+03	1.4094E+02			
P410	-2.2794E+04				
P101	-1.6801E+00	1.4652E+00	1.1200E+01		
P201	5.9668E+01	-4.2914E+02			
P301	1.1301E+04	-1.0867E+04			
P401	-6.9731E+04				
P111	-1.8183E+01	-9.6327E+01	6.6777E+01		
P112	3.3412E+03	-9.0664E+03			
P121	-3.2076E+03	4.0621E+00			
P211	3.1901E+03	-8.3303E+03			
P311	7.0956E+04				
Y000	-9.4708E-04	3.9009E-03	-3.6334E-03		
Y001	1.5693E+00	6.6392E-01	-6.2660E-01	1.7134E-01	
Y002	-1.0591E+01	-2.5798E+01	-1.9252E+01	3.0835E+01	
Y003	-2.0001E+03	-1.8236E+03			
Y010	-1.0728E-02	-1.6422E+00	1.9061E-01	6.6115E-01	
Y020	-2.3161E-02	-2.8819E+00	-7.5462E+00	-1.5439E+01	
Y030	1.2370E+02	5.8420E+02	-2.7668E+02		
Y040	-8.1893E+02	-1.8922E+03			
Y100	1.3308E-01	2.4473E-01	6.4390E-02	-6.8061E-02	
Y200	-1.0610E+01	5.1561E-01	-3.5414E+00	-1.5506E+01	

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
Y120	-2.6520E+01	-2.4819E+02	-6.1606E+02		
Y210	8.2813E+02	-9.0667E+01	2.1516E+02		
Y102	-4.1665E+02	-1.1703E+03	-7.4445E+02		
Y201	-4.1585E+02	7.7397E+02	-2.0178E+02		
Y021	-5.1698E+02	-4.7504E+02	-3.9571E+03	1.6712E+03	
Y022	1.3825E+04	-2.2551E+04			
Y012	4.4666E+02	4.7632E+03	2.9766E+03	-1.9024E+03	
Y011	-1.1577E+00	2.1787E+01	5.6092E+01	-1.0121E+00	
Y101	2.0441E+01	-6.6822E+00	-1.3381E+01		
Y110	-2.5967E+01	-7.3565E+00	1.0407E+01		
Y111	7.2174E+01	1.3300E+03	1.6509E+03		
Y112	6.3728E+04	1.1524E+05			
Y121	-1.5199E+04	-8.3072E+04			
Y122	2.6360E+03	-8.8860E+04			
Y212	5.4774E+05	-1.5202E+06			
Y221	-9.1070E+05	1.1783E+06			
Y103	-5.1570E+04				
Y130	9.9734E+03				
Y301	-3.4386E+04				
Y310	1.7274E+04				
PTA0001	9.7428E-02	-1.0496E-01			
PTA0101	-4.8322E+00				
PTA0011	2.0638E+00				
PTA0111	6.1826E+01	2.2397E+02			

A.2 2.134 GeV, 6°

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
t000	-1.0029E+00	-3.4977E-01	-4.7676E-02		
y000	-6.5993E-03	-1.1285E-02	-3.3238E-03		
p000	-2.8306E-03	-1.8826E-02	-1.3725E-02		
D000	2.1560E-03	7.6280E-02	1.0328E-02	1.0291E-03	-3.8442E-03
D001	-6.9623E-04	1.6972E-02	-6.0179E-02		
D002	1.0613E+00	-9.1489E-01			
D003	-6.3921E+00				
D010	-8.7887E-03	-5.8882E-03	1.9313E-02		
D011	-1.1492E+00	-1.3790E+00	5.0694E-01		
D012	-8.4968E+00				
D020	6.5008E-01	9.4030E-01			
D021	2.1699E+01				
D030	-7.7166E+00				
D040	4.2563E+01				
D050	2.5636E+03				
D100	-5.5965E-03	2.5619E-01	1.4423E-02	-7.1051E-02	
D101	-1.0129E+00	1.6917E+00	-3.0557E+00		
D102	4.7534E+01	2.8134E+01			
D110	9.3021E-01	-9.2454E-03	3.2510E+00		
D111	-1.1470E+01	-1.0832E+02			
D120	-3.1678E+01	5.5290E+01			
D130	5.4682E+02				
D140	-1.2332E+04				
D200	-2.1729E+00	1.8792E+00	1.4694E-01		
D201	6.2983E+00	5.3074E+01			
D210	5.4141E+01	-7.1536E+01			
D220	-1.4265E+03				
D230	-1.8686E+04				
D300	4.3640E+01	1.4338E+01			
D310	-2.9724E+03				

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
D320	9.1077E+04				
D400	3.0215E+03				
D410	-1.1545E+03				
D500	-9.4966E+03				
T000	3.5438E-04	-1.0918E-03	7.0580E-04	-1.0056E-04	
T100	-2.3072E+00	4.2945E-01	-7.2903E-02	5.4446E-02	
T200	-1.1736E+01	2.6614E+00	-1.6409E+00		
T300	1.8807E+02	-4.6869E+01			
T400	7.7319E+03	-2.0565E+03			
T002	6.7317E-01	1.7196E+00	-1.9511E+00		
T020	5.8985E-01	-1.0415E-01	3.2443E-01		
T120	-1.3996E+02	-4.3238E+01			
T102	-1.5305E-01	3.4828E+01			
T220	-5.0967E+03	1.3786E+04			
T202	7.3843E+03	-4.1763E+03			
T022	-3.8190E+03	7.8413E+03			
T320	5.4621E+05				
T302	8.3451E+04				
T010	-3.3469E-02	-2.2142E-02	-2.3014E-02		
T001	4.0336E-02	3.6294E-03	6.4691E-02		
T110	8.9336E+00	7.5825E+00	-6.7307E+00		
T101	-1.4705E+01	2.5980E+00	1.4574E+01		
T011	-3.5138E-01	7.8941E-01	-4.2543E+00		
T210	2.4844E+02	-4.9334E+01	7.4599E+01		
T201	-1.4709E+02	1.6318E+01	-1.1984E+02		
T111	1.1418E+02	-7.1609E+01	-1.1163E+02		
T211	2.1778E+03	-3.0518E+04			
T310	-2.1284E+04	5.4752E+03			
T301	1.0018E+04	-2.2700E+04			
P000	3.3500E-05	-3.1526E-04	5.5792E-03		
P010	-7.6162E-01	4.3424E-01	-8.0074E-02	-1.2116E-02	1.5305E-01
P020	-1.5496E-01	-2.6789E-01	-1.1382E+00		
P030	-2.1773E+01	2.2034E+00	1.0864E+02		

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
P001	6.5799E-03	-5.8691E-01	2.4734E-01	-2.6536E-01	
P002	-1.0213E-01	1.6739E+00	-4.7633E+00		
P003	2.1411E+02	8.8138E+01			
P100	-2.0129E-02	-1.0987E-01	-5.5484E-02		
P200	1.2124E+00	1.7069E+00			
P011	7.8531E-01	-8.9832E-01	2.4341E+00		
P021	5.3398E+01	-1.2623E+02	1.7542E+02		
P012	-2.3142E+01	-2.4680E+02	-2.2149E+02		
P110	5.8126E+00	2.9983E+00	-4.9354E-01		
P120	-1.4467E+01	-1.0256E+02	4.4509E+01		
P210	-2.9562E+02	1.7306E+02	9.4136E+01		
P310	-7.4492E+03	-1.9037E+02			
P410	2.9977E+05				
P101	-8.8793E-01	4.6334E-01	6.6098E+00		
P201	3.0349E+02	-3.6649E+02			
P301	1.1608E+04	-6.3942E+03			
P401	-2.4216E+05				
P111	-9.2381E+00	6.5089E+01	1.3214E+02		
P112	-8.8456E+01	-1.2765E+04			
P121	-3.0275E+03	6.3184E+03			
P211	6.0536E+03	-1.1208E+04			
P221	-2.5741E+04	2.4064E+04			
P311	2.4750E+05				
Y000	-1.2056E-03	3.2718E-03	-2.3991E-03		
Y001	1.6199E+00	6.3832E-01	-6.8557E-01	-2.7480E-02	
Y010	-5.8991E-02	-1.6287E+00	2.4130E-01	7.5429E-01	
Y020	-6.3447E-02	-8.3082E+00	-2.5819E+00	1.6322E+01	
Y030	1.2876E+02	4.4276E+02	-1.4944E+02		
Y040	-8.2669E+02	-1.8395E+03			
Y100	1.3099E-01	2.5897E-01	1.1473E-01	-9.2477E-02	
Y200	-8.6626E+00	-4.0354E+00	-7.7014E+00	2.5929E+00	

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
Y120	-1.8264E+01	-8.0655E+01	-5.5346E+02	-2.2540E+02	
Y210	8.3452E+02	-4.2678E+01	-2.0423E+02	-1.6591E+03	
Y102	-2.8118E+02	-1.4776E+03	-6.8499E+02	1.6650E+03	
Y201	-3.8024E+02	4.3465E+02	-3.9694E+02	1.3483E+03	
Y021	-4.5144E+02	-2.7842E+02	-4.6689E+03	1.1816E+03	
Y022	1.6872E+04	-3.2236E+04			
Y012	4.8599E+02	4.5697E+03	3.5248E+03	-1.7916E+03	
Y002	-6.7254E+00	-2.2639E+01	1.1805E+00	4.7173E+01	
Y011	-6.4088E-01	2.3364E+01	3.5701E+01	-4.8270E+01	
Y101	2.1212E+01	-6.2889E+00	-1.8168E+01		
Y110	-2.5007E+01	-5.6827E+00	1.2962E+01		
Y111	-1.1467E+02	1.1556E+03	1.9611E+03		
Y112	6.1694E+04	1.2771E+05			
Y121	-8.7778E+03	-8.8995E+04			
Y122	7.8345E+04	-3.4161E+05			
Y212	5.3582E+05	-7.5860E+05			
Y221	-9.3566E+05	1.7619E+06			
Y003	-2.1306E+03	-1.2508E+03			
Y103	-6.5939E+04				
Y130	6.1614E+03				
Y301	-2.9491E+04				
Y310	1.6949E+04				
PTA0001	1.1903E-01	-5.7339E-02			
PTA0101	-2.1061E+00				
PTA0011	-6.9212E-01				
PTA0111	-5.2631E+01	2.0724E+02			

A.3 2.844 GeV, 6°

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
t000	-1.0029E+00	-3.4995E-01	-4.7888E-02		
y000	-7.8973E-03	-9.9457E-03	-5.2991E-03		
p000	-4.5259E-03	-1.9279E-02	-1.4153E-02		
D000	2.0721E-03	7.6223E-02	1.0434E-02	1.2929E-03	-1.8633E-03
D001	6.9715E-03	1.8260E-03	-2.0307E-02		
D002	6.6983E-01	-8.6259E-01			
D003	-8.8387E+00				
D010	-7.7047E-03	-2.6078E-03	9.5726E-03		
D011	-1.3375E+00	-9.2351E-01	2.9318E-01		
D012	-1.1657E+01				
D020	6.8480E-01	1.0652E+00			
D021	1.9958E+01				
D030	-9.9134E+00				
D040	6.0763E+01				
D050	2.0087E+03				
D100	1.4808E-02	2.4314E-01	5.1941E-02	-9.3943E-02	
D101	-1.1921E+00	2.0145E+00	-2.5887E+00		
D102	5.5948E+01	1.6076E+01			
D110	6.0161E-01	1.0886E+00	2.4936E+00		
D111	3.2740E+00	-7.6010E+01			
D120	-2.6609E+01	3.3055E+01			
D130	5.7757E+02				
D140	-1.2629E+04				
D200	-2.4447E+00	2.3578E+00	-3.9452E-01		
D201	9.1297E+00	7.2701E+01			
D210	6.1106E+01	-9.5596E+01			
D220	-1.7930E+03				
D230	-1.9068E+04				
D300	4.3165E+01	2.9863E+00			
D310	-3.5461E+03				

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
D320	1.3356E+05				
D400	3.3498E+03				
D410	-4.1135E+00				
D500	-1.3174E+04				
T000	3.7540E-04	-9.7731E-04	1.7101E-03	1.6647E-04	
T100	-2.2679E+00	3.9731E-01	-1.1781E-02	-5.5779E-02	
T200	-1.1492E+01	2.4466E+00	-5.1120E-01		
T300	1.5943E+02	-8.1376E+00			
T400	6.4115E+03	-4.7940E+02			
T002	3.8190E-01	2.7448E-01	-1.1711E+00		
T020	3.5474E-01	6.7738E-01	-7.4236E-01	-5.0073E+00	
T120	-1.4075E+02	-5.9820E+01			
T102	6.2808E+01	1.3595E+02			
T220	-2.8713E+03	1.1719E+04			
T202	5.7090E+03	5.9600E+03			
T022	-3.5920E+03	7.1407E+03			
T320	6.3162E+05				
T302	-1.9028E+05				
T010	-2.9049E-02	-1.4231E-02	-1.5326E-02		
T001	3.4874E-02	-4.3376E-03	6.4298E-02		
T110	6.4254E+00	5.6397E+00	-2.3467E+00		
T101	-1.2230E+01	3.1293E+00	1.0131E+01		
T011	-5.8374E-02	1.1779E+00	-8.6479E-01		
T210	1.9165E+02	-1.4049E+02	3.2611E+02		
T201	-1.3165E+01	8.5103E+00	-6.6764E+02		
T111	1.0466E+02	-1.5161E+02	2.1257E+02		
T211	-1.1546E+03	-3.5015E+04			
T310	-2.0876E+04	1.0012E+04			
T301	1.1086E+04	-2.2109E+04			
P000	3.0480E-04	-4.9685E-04	6.2586E-03		
P010	-7.4251E-01	4.7852E-01	-9.1945E-02	-1.5271E-01	7.9964E-02
P020	3.9103E-02	-2.5139E-01	-6.9907E-01		
P030	-2.3445E+01	-4.6489E+01	1.0031E+02		

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
P001	-2.6359E-02	-5.9418E-01	1.8121E-01	-4.9024E-02	
P002	1.4447E+00	8.3929E-01	-4.0864E+00		
P003	2.3837E+02	1.1284E+02			
P100	-6.2909E-03	-1.0916E-01	-1.9009E-01		
P200	1.2809E+00	2.8156E+00			
P011	-2.9549E-01	-3.3075E+00	5.0131E+00		
P021	3.7044E+01	-1.2189E+02	6.5011E+02		
P012	1.6446E+01	-5.0221E+02	-3.7521E+02		
P110	4.4175E+00	1.2067E+00	1.6226E-01		
P120	-4.4213E+01	-2.8372E+01	2.0804E+02		
P210	2.0440E+02	8.5632E+01	-1.0330E+02		
P310	-1.8798E+03	7.2235E+03			
P410	-1.1244E+05				
P101	-6.1398E-01	3.6398E+00	9.0144E+00		
P201	-2.8826E+02	-2.5911E+02			
P301	5.3011E+03	-9.4831E+03			
P401	-1.4209E+05				
P111	3.5480E+01	5.8807E+00	9.3236E+01		
P112	4.2322E+03	-1.1749E+04			
P121	-2.3313E+03	3.9757E+02			
P211	1.0011E+04	-1.8902E+04			
P311	-2.1180E+05				
Y000	-1.2321E-03	3.3486E-03	-5.2845E-03		
Y001	1.6702E+00	7.1932E-01	-4.4214E-01	-3.4466E-01	
Y010	-3.4224E-02	-1.7128E+00	1.8767E-01	5.8643E-01	
Y020	1.0141E-01	-8.5971E+00	-1.0364E+00	1.0521E+01	
Y030	9.6711E+01	5.1401E+02	-4.6019E+02		
Y040	-9.9238E+02	1.3075E+03			
Y100	1.6387E-01	1.6899E-01	1.7828E-01	1.0190E-01	
Y200	-6.1795E+00	-9.1088E+00	-3.1001E+00	1.2573E+01	

Element	C_0 term	C_1 term	C_2 term	C_3 term	C_4 term
Y120	4.0790E+00	-9.2145E+01	-1.1969E+03	3.1605E+02	
Y210	7.7421E+02	-3.8211E+01	2.8275E+02	5.6366E+02	
Y102	-5.3109E+02	-8.9331E+02	-9.2562E+02	4.3095E+01	
Y201	-4.2008E+02	6.0929E+02	-8.8718E+02	2.2359E+02	
Y021	-4.1312E+02	-2.2581E+02	-4.9348E+03	1.9051E+03	
Y022	1.9200E+04	-4.1743E+04			
Y012	4.1793E+02	5.5952E+03	3.6128E+03	-2.0197E+03	
Y002	-1.1870E+01	-1.7737E+01	-1.8999E+00	3.3567E+01	
Y011	-1.4838E+00	2.4872E+01	4.1597E+01	-3.0470E+01	
Y101	1.7981E+01	-6.3632E+00	-4.1153E+00		
Y110	-2.5280E+01	-7.6689E+00	8.4326E+00		
Y111	-1.4329E+02	1.2773E+03	2.2024E+03		
Y112	6.6972E+04	1.2466E+05			
Y121	-6.4686E+03	-1.0250E+05			
Y122	2.5655E+05	-3.8252E+05			
Y212	5.4117E+05	-3.2394E+06			
Y221	-1.2267E+06	3.2869E+06			
Y003	-2.4649E+03	-1.9547E+03			
Y103	-5.7755E+04				
Y130	8.0055E+03				
Y301	-2.7351E+04				
Y310	1.5009E+04				
PTA0001	9.2295E-02	-6.6113E-02			
PTA0101	-8.5829E+00				
PTA0011	9.8480E+00				
PTA0111	-1.0237E+02	4.7418E+02			

A.4 1.147 GeV, 9°

Element	C_0 term	C_1 term	C_2 term
t000	-1.0037E+00	-3.4677E-01	-4.5147E-02
y000	-5.9444E-03	-1.8790E-03	-3.8241E-03
p000	-1.2146E-03	-2.7597E-03	-5.7837E-03
D000	2.4576E-03	7.6896E-02	9.1081E-03
D100	3.8773E-02	2.8116E-01	-3.0296E-02
D200	-1.2289E+00	2.4151E+00	1.5466E-01
D300	1.7699E+01	-2.4813E+00	
D010	-1.1712E-02	8.0228E-03	8.3062E-03
D020	2.5697E-01	2.2811E-01	
D030	-2.4637E+00		
D001	-1.0922E-02	1.5277E-02	-1.7132E-03
D002	-2.3382E-02	-6.6348E-01	
D003	-6.0930E-01		
D110	1.1334E+00	2.2680E-03	2.1156E+00
D210	7.0560E+01	-5.6494E+01	
D120	-6.1476E+01	2.9579E+01	
D220	-8.5501E+02		
D101	-7.5314E-01	-5.2508E-01	-9.8132E-01
D201	-2.1491E+01	-1.1010E+01	
D102	-7.9840E+01	-3.7802E+01	
D011	4.0801E-01	-2.0263E-01	
D012	-3.4018E+01		
D021	2.9991E+01		
D111	4.1385E+01	4.6534E+01	
T000	-3.3723E-04	6.8459E-04	2.3308E-03
T100	-2.2029E+00	4.5294E-01	-5.7148E-02
T200	-7.6538E+00	7.0497E+00	-1.1189E+01
T300	1.3343E+02	-5.9636E+02	
T400	3.6598E+03	-1.5019E+04	
T010	-1.9667E-02	-4.2998E-02	-2.3653E-01

Element	C_0 term	C_1 term	C_2 term
T020	3.0268E-01	-5.7905E-01	3.7865E+00
T001	1.5551E-02	2.3737E-02	1.0881E-01
T002	1.0826E+00	-3.8770E+00	1.2372E+00
T110	1.1189E+01	-1.4361E+00	-5.7368E+00
T210	2.0305E+02	-2.6733E+00	1.0461E+03
T310	-1.5981E+04	3.7826E+04	
T120	-1.6333E+02	-1.2587E+02	
T220	-5.0114E+03	7.0582E+03	
T320	8.0778E+05		
T101	-1.3966E+01	6.5762E+00	6.6660E+00
T201	-7.3144E+01	4.5536E+01	-4.4712E+02
T301	4.0762E+03	-6.4180E+03	
T302	-2.9675E+05		
T102	1.7844E+02	1.0465E+02	
T202	-3.8389E+03	4.1335E+03	
T011	3.2089E-01	-1.7999E+00	-1.8849E+00
T012	-6.1193E+01	1.0243E+01	
T021	2.1295E+01	1.4695E+02	
T022	-5.5703E+02	3.2828E+03	
T111	4.5107E+00	-2.0430E+02	-2.0080E+02
T211	-4.6357E+03	-9.5496E+03	
P000	-6.7145E-05	-1.0120E-02	5.0480E-03
P001	-7.5771E-02	-6.1086E-01	2.5714E-01
P002	-8.5304E-01	7.1162E+00	-2.6499E+00
P003	1.8485E+02	5.1124E+01	
P100	-2.5076E-02	-7.3107E-02	4.2782E-02
P200	4.8467E+00	-1.1005E+00	
P010	-7.5235E-01	4.0317E-01	2.3223E-02
P020	-7.3410E-01	1.5218E+00	-4.3388E+00
P030	-5.2556E+01	-9.1202E+01	1.1802E+02
P040	-5.8444E+01	4.5722E+02	
P011	1.2636E+00	4.8600E-01	-1.2351E+01

Element	C_0 term	C_1 term	C_2 term
P012	-1.0461E+02	-4.0663E+02	-1.0314E+02
P021	1.7029E+02	-2.8884E+01	2.0841E+02
P110	3.9189E+00	2.4842E+00	-2.6177E+00
P120	-5.1199E+00	-1.2506E+02	
P130	-1.7238E+03	1.5530E+03	
P210	3.7226E+01	-2.8944E+01	1.3023E+02
P310	-2.7122E+03	3.2385E+03	
P410	-3.3355E+04	2.6724E+05	
P101	1.1486E+00	2.1901E+00	-8.5779E-01
P103	3.3429E+03	1.3246E+04	
P201	-2.0526E+02	-1.7091E+02	
P301	5.7846E+03	-1.2019E+04	
P401	1.4391E+05	-2.2224E+05	
P111	3.0801E+01	-3.0651E+01	1.5206E+02
P112	-5.8334E+03	-1.6331E+04	
P121	2.6835E+03	8.1607E+03	
P211	4.3224E+03	-4.7117E+03	
P311	6.9099E+04		
Y000	-1.2613E-03	2.2286E-02	-2.3033E-03
Y001	1.5387E+00	7.0347E-01	-1.5076E+00
Y002	5.5550E+00	-6.6351E+01	-4.1885E+01
Y003	-1.7277E+03	-1.3155E+03	
Y010	-8.7213E-02	-1.1443E+00	5.1063E-02
Y020	7.8904E-01	-1.8899E+01	-1.5787E+00
Y030	2.0358E+02	3.8374E+02	-2.0474E+02
Y040	-2.7602E+02	3.7223E+03	
Y100	1.0419E-01	1.6400E-01	2.0585E-02
Y200	-1.2671E+01	6.4449E+00	-3.9305E-02
Y011	4.6308E+00	1.1867E+01	1.1022E+02
Y012	7.6363E+02	4.1105E+03	2.1146E+03

Element	C_0 term	C_1 term	C_2 term
Y021	-7.4799E+02	-8.9157E+02	-1.9952E+03
Y022	-3.9826E+03	1.4231E+03	
Y110	-2.2132E+01	-7.6879E+00	1.8239E+01
Y120	-7.3302E+01	1.2642E+02	-1.1287E+03
Y130	1.0461E+04		
Y210	6.1610E+02	-1.9498E+02	-1.0620E+02
Y310	9.2283E+03		
Y101	1.6343E+01	-8.4755E+00	-4.6073E+01
Y102	-1.1032E+02	-1.7463E+03	-4.3141E+02
Y103	-3.3478E+04		
Y201	-2.0520E+02	5.8757E+02	-8.5806E+02
Y301	-2.3528E+04		
Y111	-7.6674E+01	1.9276E+03	2.8565E+03
Y112	5.8739E+04	8.3494E+04	
Y121	-2.0605E+04	-6.2198E+04	
Y122	1.2399E+05	-7.3043E+05	
Y212	-3.7787E+04	-3.9772E+06	
Y221	-1.3843E+05	1.4741E+06	
PTA0001	1.0650E-01	-6.5762E-02	
PTA0101	-5.1738E+00		
PTA0011	5.4116E+00		
PTA0111	-7.2431E+01	2.8811E+02	

A.5 2.235 GeV, 9°

Element	C_0 term	C_1 term	C_2 term
t000	-1.0039E+00	-3.4614E-01	-4.3988E-02
y000	-6.0764E-03	-1.5402E-03	-3.1545E-03
p000	-1.8429E-03	-4.2267E-03	-8.8356E-03
D000	2.1740E-03	7.7218E-02	8.6937E-03
D100	2.7768E-02	2.5092E-01	-4.8772E-02
D200	-7.5117E-01	1.1626E+00	5.6927E-01
D300	3.1783E+01	5.6282E+00	
D010	-1.0001E-02	1.3571E-03	-2.4579E-02
D020	2.9276E-01	4.3309E-01	
D030	-3.2797E+00		
D001	-2.8589E-03	1.5761E-02	-4.3479E-03
D002	-2.0042E-01	-8.2936E-01	
D003	-1.0423E+00		
D110	9.6146E-01	6.3240E-01	9.9382E-01
D210	6.3073E+01	-2.5777E+01	
D120	-5.1375E+01	2.7223E+01	
D220	-8.5781E+02		
D101	-5.6074E-01	-3.8859E-01	-2.4630E+00
D201	-5.4310E+01	2.4534E+01	
D102	-7.4154E+01	-1.7033E+01	
D011	2.9521E-01	-7.0853E-02	
D012	-3.3527E+01		
D021	2.9697E+01		
D111	3.4549E+01	5.1745E+01	
T000	-4.5265E-04	1.1153E-03	2.8385E-03
T100	-2.1495E+00	3.1824E-01	-1.6757E-02
T200	-8.8574E+00	1.3066E+00	-6.9476E+00
T300	8.1088E+01	-6.9335E+00	
T400	4.4389E+03	-1.4783E+03	
T010	-2.8336E-02	-4.7698E-02	-1.0787E-02

Element	C_0 term	C_1 term	C_2 term
T020	1.0931E-01	1.7494E+00	4.1535E+00
T001	2.9293E-02	5.9434E-03	7.0082E-02
T002	-5.1172E-01	-5.1332E-01	5.5636E+00
T110	7.2532E+00	6.9973E+00	-4.1037E+00
T210	1.2652E+02	1.3946E+02	4.2851E+02
T310	-1.6033E+04		
T120	-9.6536E+01	-8.1857E+00	
T220	-3.3575E+03	-6.0965E+02	
T320	4.2639E+05		
T101	-1.0283E+01	-5.6572E-01	4.2441E-01
T201	-9.9748E+01	1.0891E+02	-1.7258E+02
T301	9.9577E+03		
T302	-2.1282E+05		
T102	9.4696E+01	2.0339E+01	
T202	1.6819E+03	1.0031E+04	
T011	6.3991E-01	7.1736E-01	-1.4096E+01
T012	-4.0339E+00	-4.5659E+01	
T021	1.0523E+01	-1.0793E+01	
T022	-6.5250E+02		
T111	-2.4311E+01	-1.0665E+02	1.7027E+02
T211	1.5839E+03	-1.0381E+04	
P000	5.9070E-04	-1.0358E-02	3.5292E-03
P001	-7.6176E-02	-6.4090E-01	2.3835E-01
P002	-7.5642E-01	6.0363E+00	-3.0414E+00
P003	1.7850E+02	1.2437E+02	
P100	-2.5761E-02	-6.5585E-02	-2.4411E-02
P200	-4.6162E-01	7.4420E-01	
P010	-7.5462E-01	3.8538E-01	8.3617E-02
P020	7.8465E-02	1.7475E+00	-6.3828E+00
P030	-1.7213E+01	-2.5358E+00	5.0517E+01
P040	1.2525E+01	-1.8770E+02	
P011	-8.2124E-01	2.5282E+00	-4.1954E+00

Element	C_0 term	C_1 term	C_2 term
P012	-7.3571E+00	-3.3274E+02	-4.1609E+02
P021	4.5180E+01	-1.4736E+02	3.5533E+02
P110	4.0620E+00	1.6026E+00	-5.2062E+00
P120	8.3289E+00	-1.4779E+02	
P130	2.4091E+02	6.9423E+03	
P210	8.1965E+01	1.1738E+02	-2.5732E+01
P310	-1.9648E+03	4.3559E+03	
P410	-3.3095E+04	-7.9597E+04	
P101	2.2918E+00	2.1643E+00	2.7507E+00
P103	6.9671E+02	8.2612E+03	
P201	-1.7217E+02	-1.9064E+02	
P301	2.5520E+03	-1.0135E+04	
P401	1.3597E+05	-6.6429E+02	
P111	4.8619E+01	-1.5441E+02	1.8532E+02
P112	-2.9970E+03	-4.5167E+03	
P121	-3.6882E+03	-1.8643E+03	
P211	9.8092E+02	2.6194E+03	
P311	6.6659E+04		
Y000	-2.0048E-03	2.1685E-02	-2.6100E-03
Y001	1.5546E+00	7.3567E-01	-1.5820E+00
Y002	5.0284E+00	-6.4157E+01	-3.0892E+01
Y003	-1.7651E+03	-1.4188E+03	
Y010	-1.2096E-01	-1.2095E+00	4.4515E-02
Y020	1.8106E-01	-1.5129E+01	1.3312E+00
Y030	1.9181E+02	3.6972E+02	-2.4556E+02
Y040	2.2850E+02	3.3077E+03	
Y100	1.0902E-01	1.7242E-01	2.7796E-02
Y200	-6.6363E+00	8.1759E-01	-4.7744E+00
Y011	3.6165E+00	3.4109E+00	1.0863E+02
Y012	7.8638E+02	4.2477E+03	1.7434E+03

Element	C_0 term	C_1 term	C_2 term
Y021	-6.6229E+02	-8.6578E+02	-1.9115E+03
Y022	-2.9727E+03	2.2719E+03	
Y110	-2.2635E+01	-9.2315E+00	1.9687E+01
Y120	8.1967E+00	2.6664E+02	-1.4109E+03
Y130	9.1366E+03		
Y210	6.1002E+02	-1.8074E+02	-3.0457E+02
Y310	1.2393E+04		
Y101	1.4915E+01	-5.6994E+00	-3.4837E+01
Y102	-4.5480E+01	-1.8698E+03	-2.8841E+02
Y103	-3.8176E+04		
Y201	-2.3959E+02	7.3017E+02	4.0682E+02
Y301	-1.8626E+04		
Y111	-1.6177E+02	1.6083E+03	2.6605E+03
Y112	5.7665E+04	9.3662E+04	
Y121	-1.8529E+04	-7.8131E+04	
Y122	-6.3854E+04	-2.0360E+05	
Y212	4.5676E+04	-3.1369E+06	
Y221	-9.4979E+04	1.9247E+06	
PTA0001	1.2092E-01	-3.3048E-02	
PTA0101	-5.0952E+00		
PTA0011	5.1274E+00		

A.6 3.319 GeV, 9°

Element	2.235 GeV C_0 term	3.319 GeV C_0 term
y000	-6.0764E-03	-7.9264E-03
p000	-1.8429E-03	-3.8429E-03
T100	-2.1495E+00	-2.0695E+00
T110	7.2532E+00	3.2532E+00
P200	-4.6162E-01	-4.9616E+00
P210	-1.7217E+02	8.1965E+01
Y200	-6.6363E+00	-1.9363E+00