

Figure 1: s- and p-wave multipoles

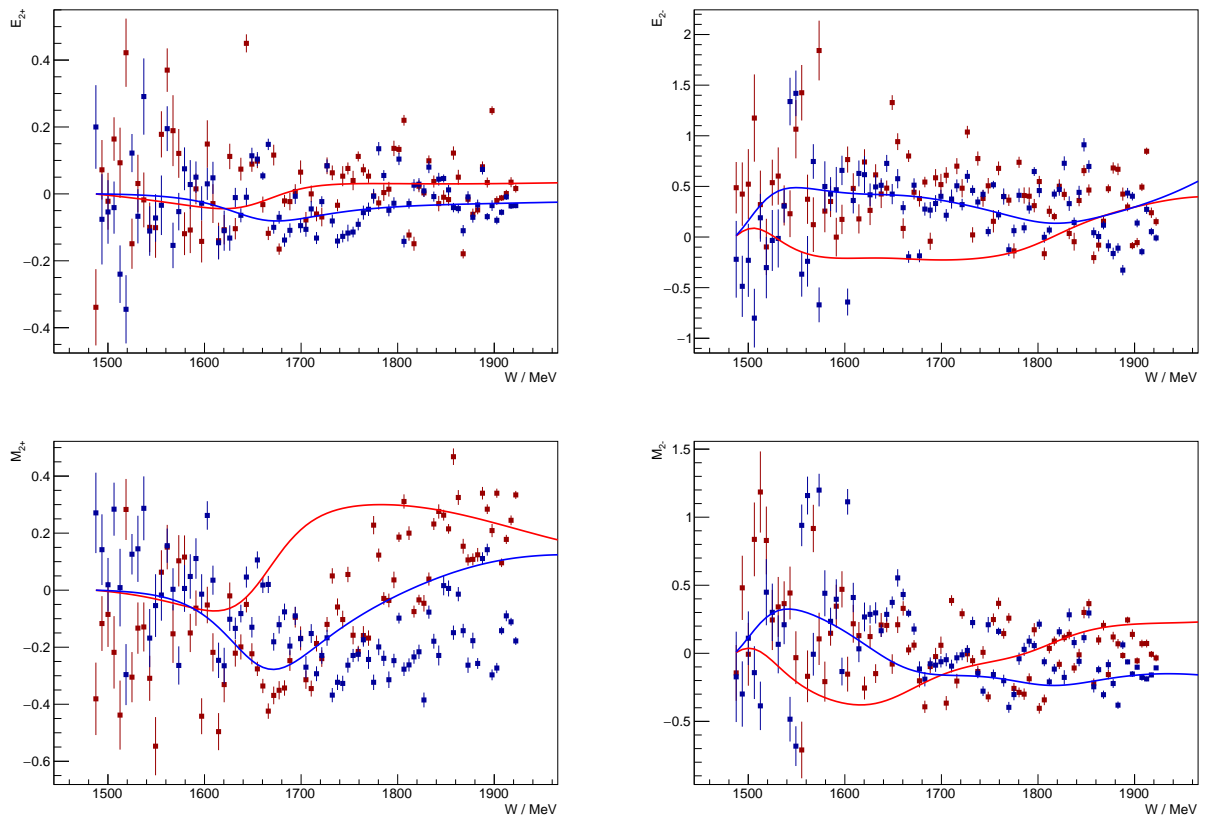


Figure 2: d-wave multipoles

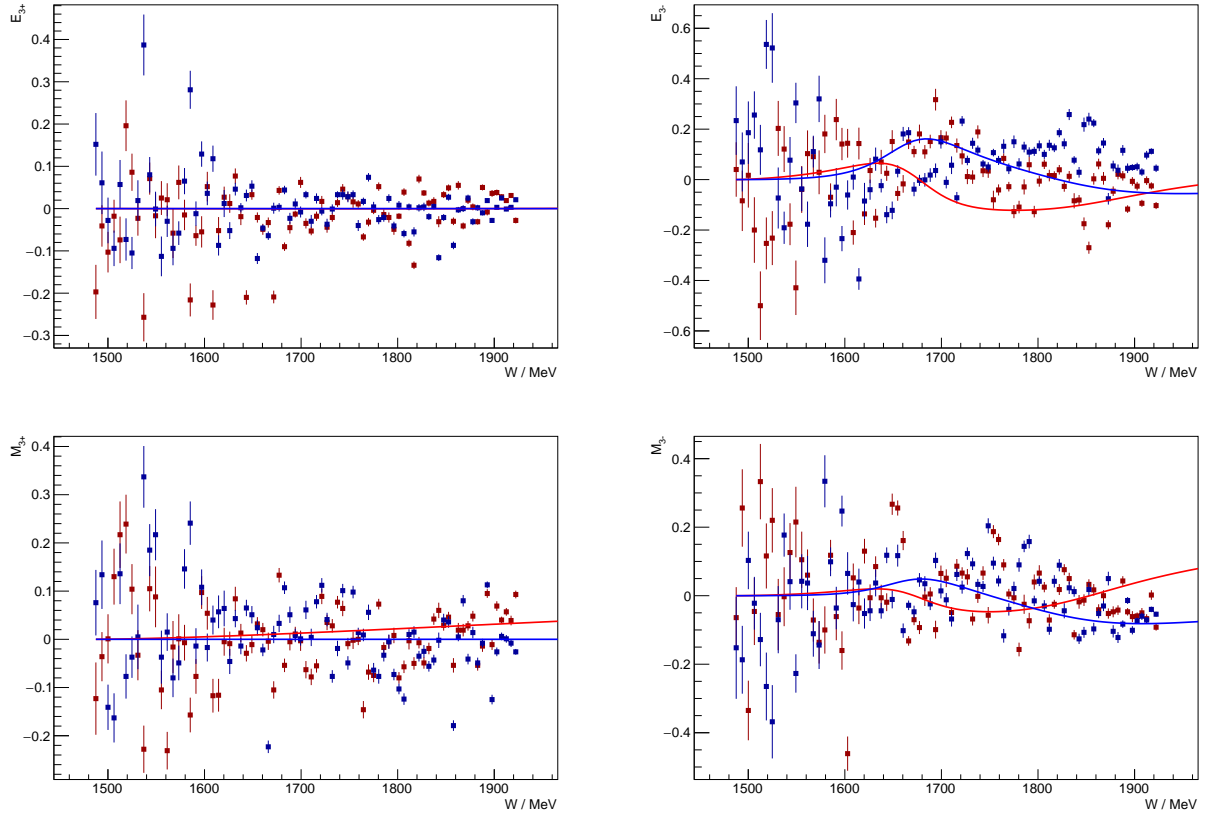


Figure 3: f-wave multipoles

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PWA.cfg          Sun May 03 20:32:40 2015          1

L_MAX            5

#MODEL = 1, BORN = 2, NONRES = 3
D_WAVES          1

FIX_E0P          0
FIX_E1P          0
FIX_M1P          0
FIX_M1M          0

FIX_E2P          0
FIX_E2M          0
FIX_M2P          0
FIX_M2M          0

FIX_E3P          0
FIX_E3M          0
FIX_M3P          0
FIX_M3M          0

FIX_E4P          0
FIX_E4M          0
FIX_M4P          0
FIX_M4M          0

FIX_E5P          0
FIX_E5M          0
FIX_M5P          0
FIX_M5M          0

FIX_E0P_PHASE    0
FIX_E1P_PHASE    0
FIX_M1P_PHASE    0
FIX_M1M_PHASE    0

FIX_E2P_PHASE    0
FIX_E2M_PHASE    0
FIX_M2P_PHASE    0
FIX_M2M_PHASE    0

FIX_E3P_PHASE    0
FIX_E3M_PHASE    0
FIX_M3P_PHASE    0
FIX_M3M_PHASE    0

FIX_E4P_PHASE    0
FIX_E4M_PHASE    0
FIX_M4P_PHASE    0
FIX_M4M_PHASE    0

FIX_E5P_PHASE    0
FIX_E5M_PHASE    0
FIX_M5P_PHASE    0
FIX_M5M_PHASE    0

FIX_SCALES        1
SCALING           0.1

FIX_RE_E0P        0
FIX_IM_E0P        0
ONLY_CROSS_S      0
ONLY_CROSS_F      0
SGT_ENERGIES      0
#Isospin symmetry = 3.43, Isospin breaking = 3.35
BETA              3.43

#CHI2ONLY = 1, CHI2PENALTY = 2, ADAPTIVE = 3
ERROR_MODE        3

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#NONE = 0, MLP1 = 1, MLP2 = 2, MLP3 = 3, CGLN = 4, HELI = 5, INVA = 6, INVB = 7

PENALTY\_MODE 8  
PENALTY\_MLP1 2.0  
PENALTY\_MLP2 2.0  
WEIGHT\_Y1 4.1  
WEIGHT\_Y2 4.1  
WEIGHT\_Y3 4.1  
WEIGHT\_Y4 4.1  
WEIGHT\_Y6 4.1  
WEIGHT\_Y8 4.1  
PRINT\_PENALTY 1

MIN\_ENERGY 707.8  
MAX\_ENERGY 1500.0

MASS\_MESON 547.8530  
MASS\_INITIAL 938.2720  
MASS\_FINAL 938.2720

ITERATIONS 1  
SOLUTIONS 1  
VARIATION\_REL 0.500  
VARIATION\_ABS 0.000

USE\_PRELIMINARY 1

SG0\_FILE data/sg0.txt 1.0 1.0  
S\_FILE data/Sigma.dat 1.0 1.0  
T\_FILE data/T.dat 1.0 1.0  
F\_FILE data/F.dat 1.0 1.0

MODEL\_PATH model

#EOF