

Figure 1: s- and p-wave multipoles

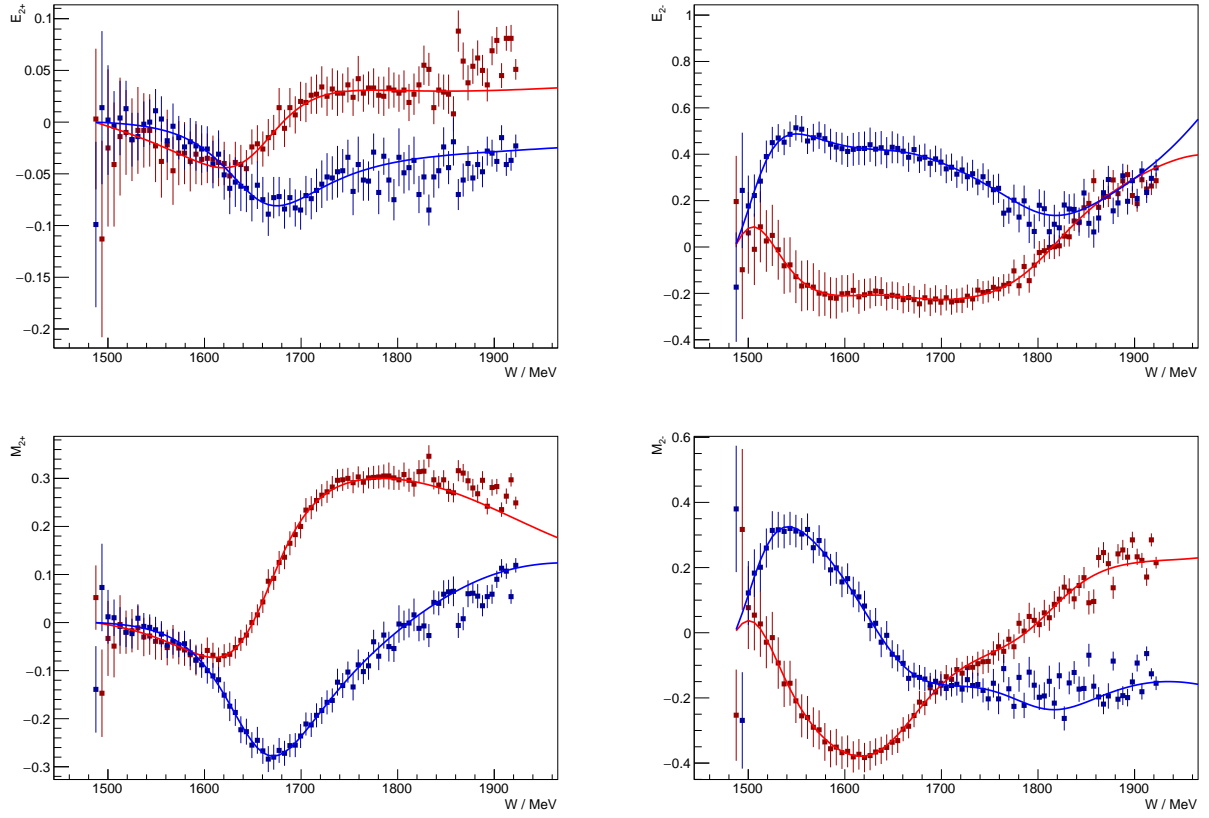


Figure 2: d-wave multipoles

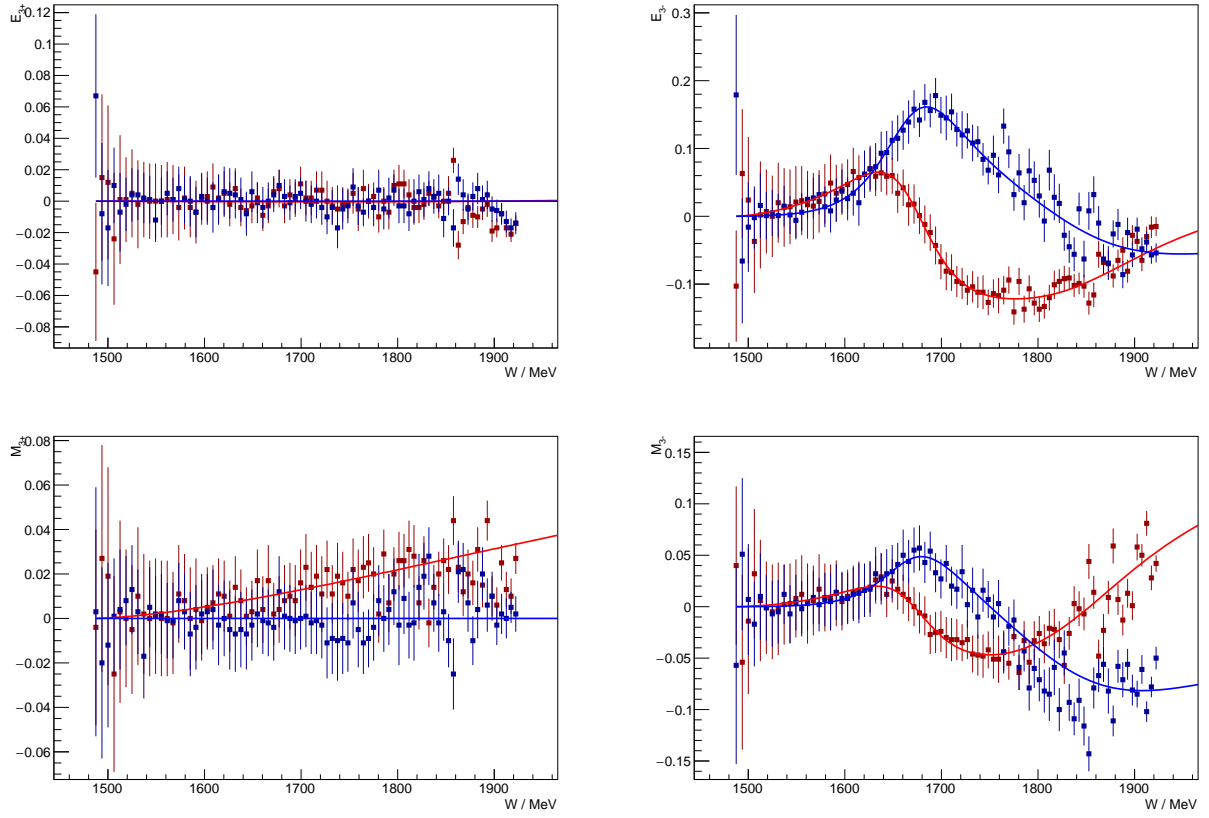


Figure 3: f-wave multipoles

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PWA.cfg          Sun May 03 21:42:31 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 9
PENALTY_MLP1 2.0
PENALTY_MLP2 2.0
WEIGHT_Y1 1.0
WEIGHT_Y2 1.0
WEIGHT_Y3 1.0
WEIGHT_Y4 1.0
WEIGHT_Y6 1.0
WEIGHT_Y8 1.0
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