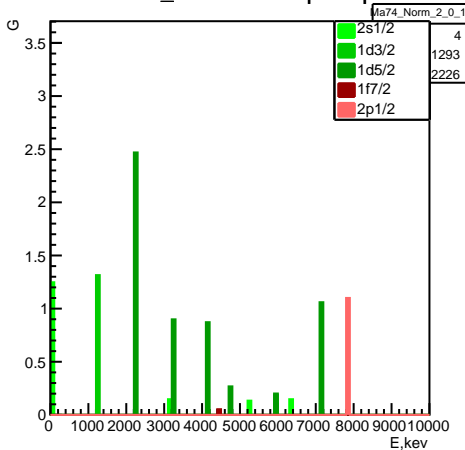
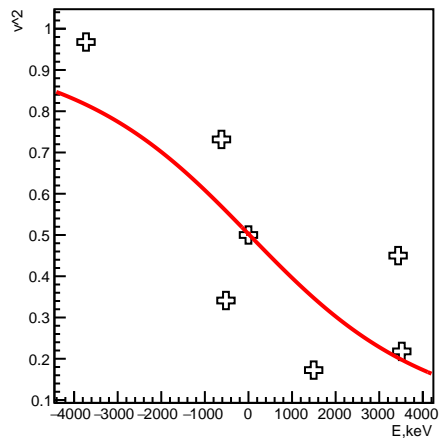


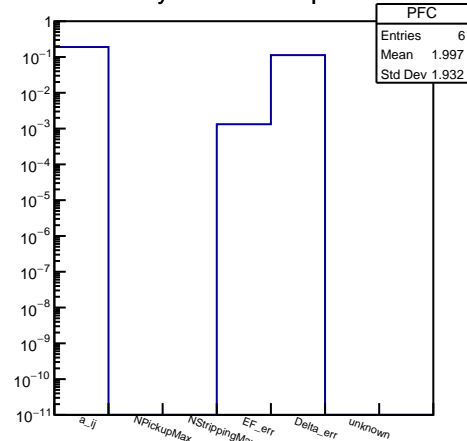
Ma74_Norm norm. pickup



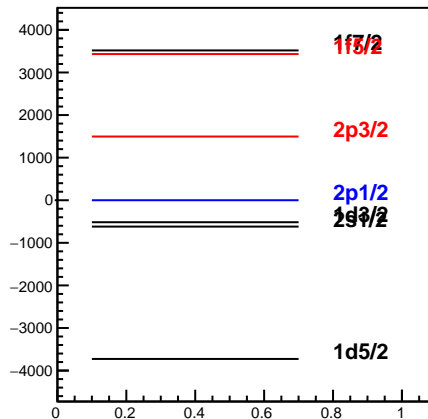
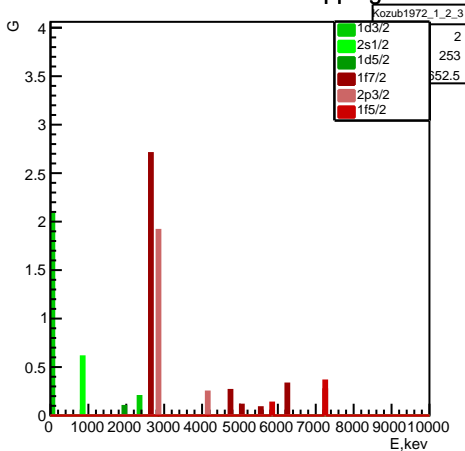
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: Ma74_Norm (14) Kozub1972 (14)
proton_transfer_norm

$n^+ = 0.825342 \pm 0$ $n^- = 1.00659 \pm 0$

penalty: 0.0570878

$E_F: 23.2454 \pm 854.203$ keV

$\Delta: 4598.44 \pm 2565.79$ keV

SPE, keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-619.182 2s1/2 0.731667 1.20333

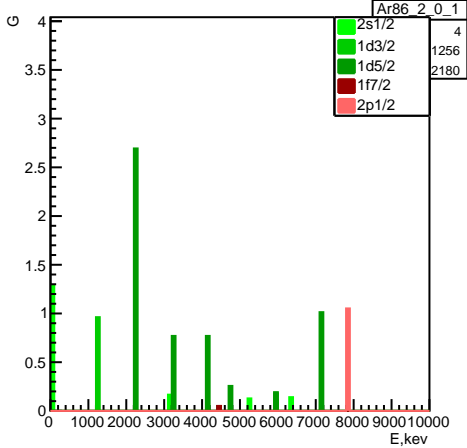
-516.347 1d3/2 0.341167 1.06433

-3726.83 1d5/2 0.967778 0.975556

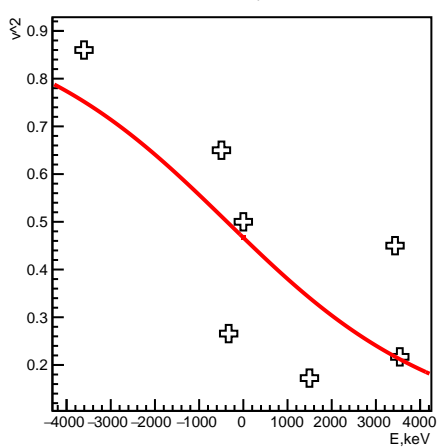
3517.8 1f7/2 0.217833 0.577667

8.31855e-13 2p1/2 0.5 1.09333

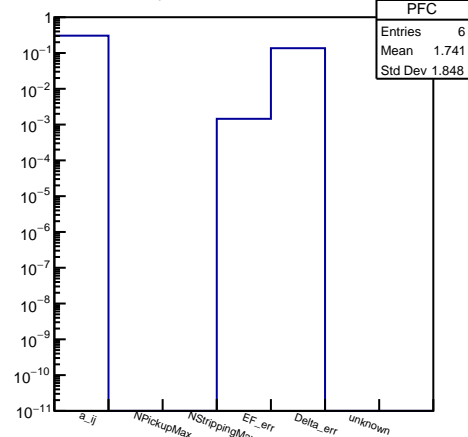
Ar86 norm. pickup



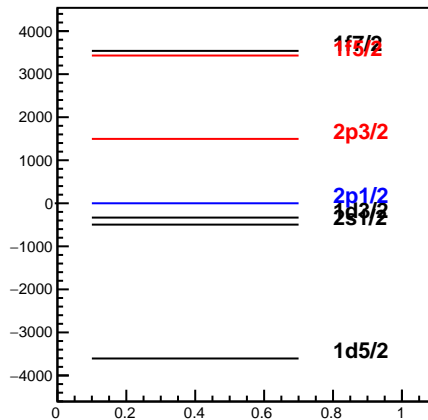
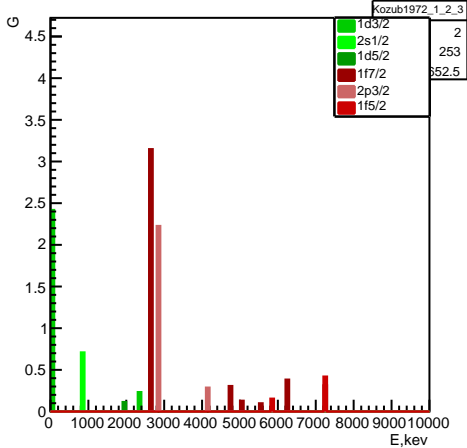
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: Ar86 (14) Kozub1972 (14)

proton transfer_norm

 $n^+ = 0.960119 \pm 0$ $n^- = 1.28283 \pm 0$

penalty: 0.0841378

 $E_F: -368.769 \pm 934.966$ keV $\Delta: 5552.37 \pm 3095.3$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-495.364 2s1/2 0.65 1.04

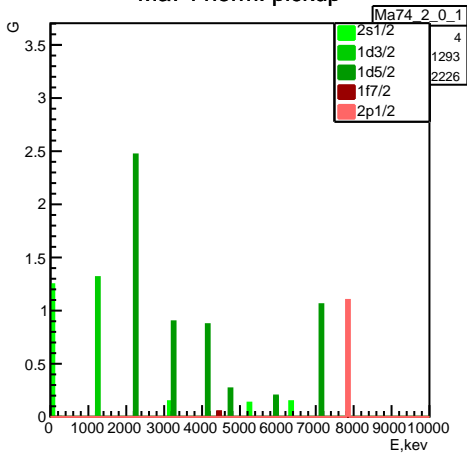
-332.243 1d3/2 0.26575 0.9135

-3605.65 1d5/2 0.86 0.76

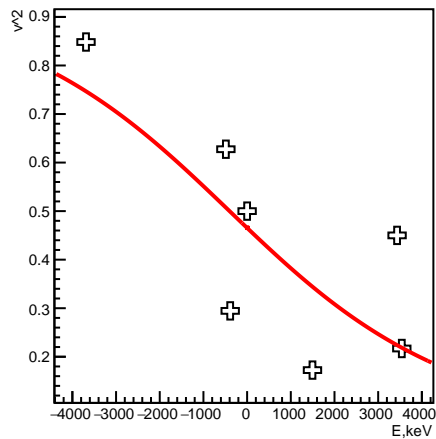
3540.8 1f7/2 0.217 0.576

5.5457e-13 2p1/2 0.5 0.82

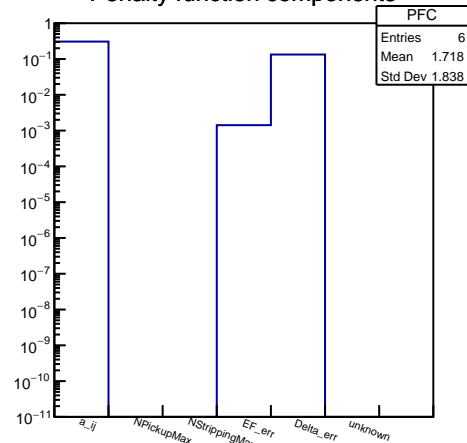
Ma74 norm. pickup



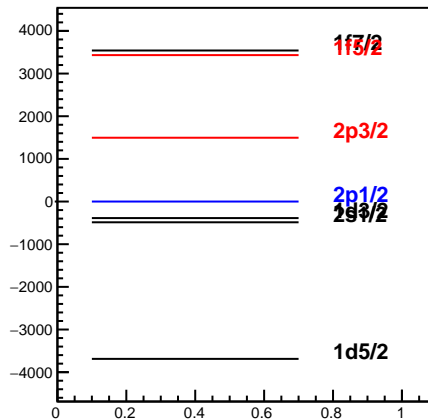
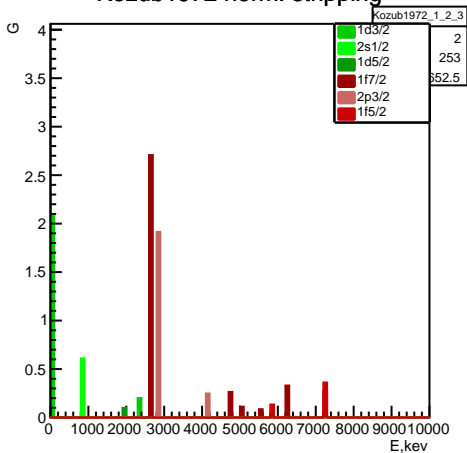
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: Ma74 (14) Kozub1972 (14)

proton transfer_norm

 $n^+ = 0.825342 \pm 0$ $n^- = 1.34212 \pm 0$

penalty: 0.0893946

 $E_F: -401.745 \pm 914.762$ keV $\Delta: 5790.03 \pm 3030.62$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

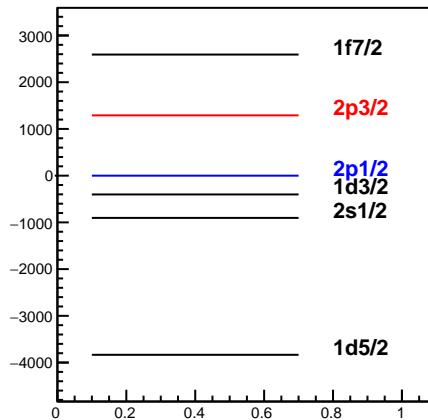
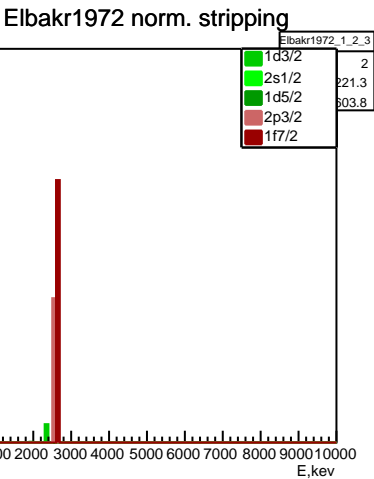
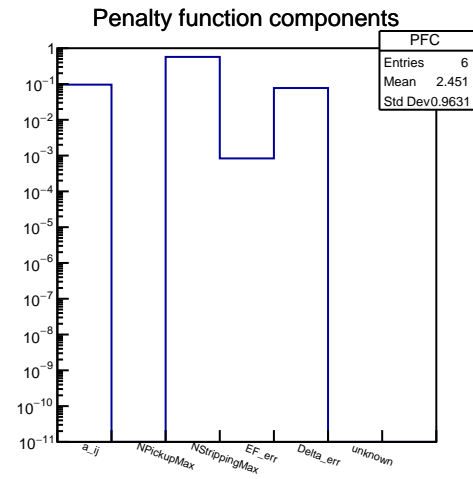
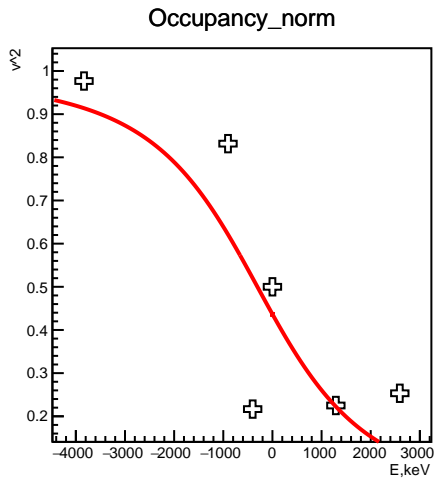
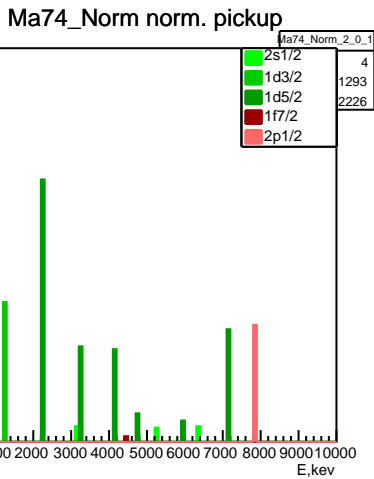
-486.267 2s1/2 0.6275 0.995

-387.545 1d3/2 0.2945 0.971

-3688.05 1d5/2 0.848333 0.736667

3540.8 1f7/2 0.217 0.576

5.5457e-13 2p1/2 0.5 0.82



Experiment: Ma74_Norm (14) Elbahr1972 (6)

proton transfer_norm

$n^+ = 0.675434 \pm 0$ $n^- = 1.04859 \pm 0$

penalty: 0.146507

E_F: -305.926 \pm 537.963 keV

Δ : 2393.08 \pm 1752.16 keV

SPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-904.179 2s1/2 0.831667 1.00333

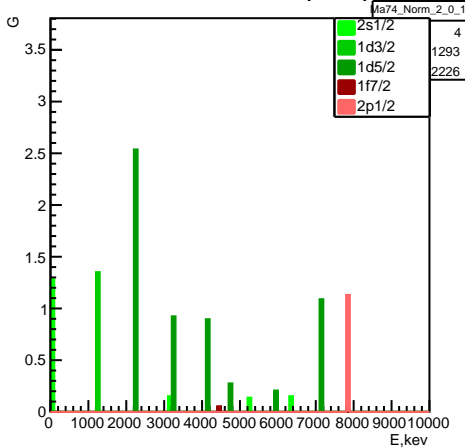
-402.333 1d3/2 0.216667 1.31333

-3834.23 1d5/2 0.976778 0.957556

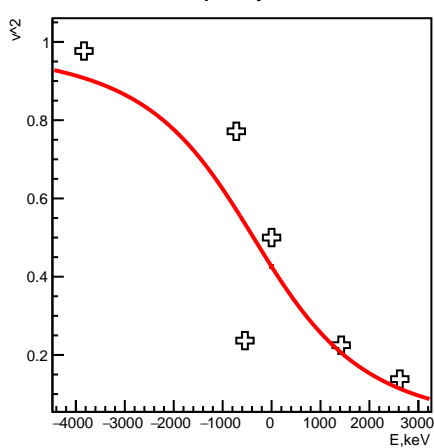
2591.76 1f7/2 0.253333 0.506667

8.31855e-13 2p1/2 0.5 1.09333

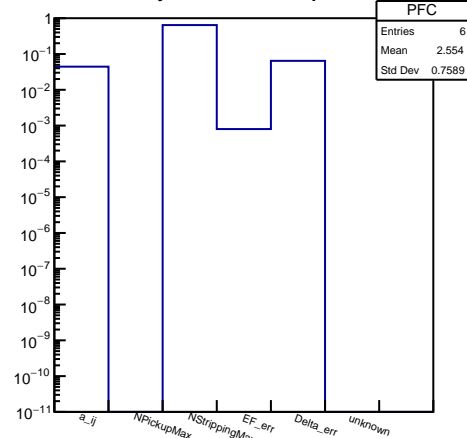
Ma74_Norm norm. pickup



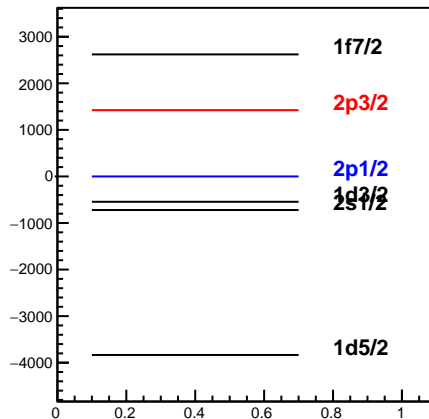
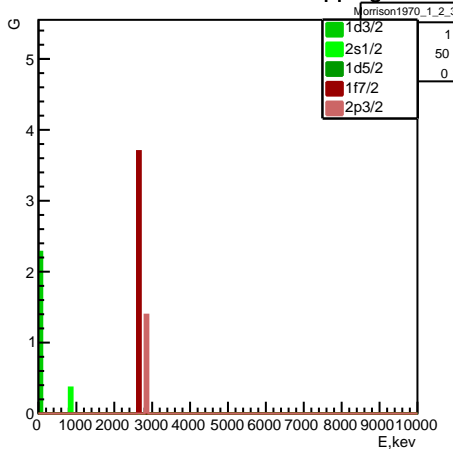
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping



Experiment: Ma74_Norm (14) Morrison1970

proton transfer_norm

 $n^+ = 0.633702 \pm 0$ $n^- = 1.03424 \pm 0$

penalty: 0.148311

 $E_F: -369.085 \pm 516.201$ keV $\Delta: 2461.84 \pm 1462.69$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-721.003 2s1/2 0.771667 1.12333

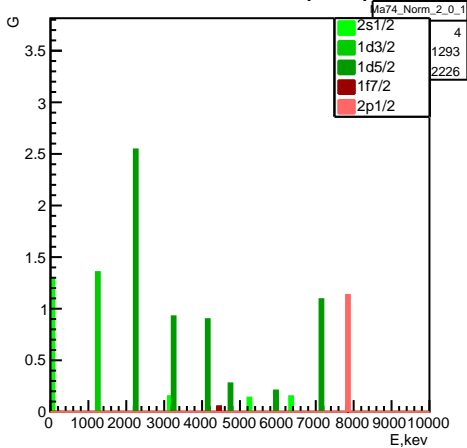
-544.271 1d3/2 0.236667 1.27333

-3834.23 1d5/2 0.976778 0.957556

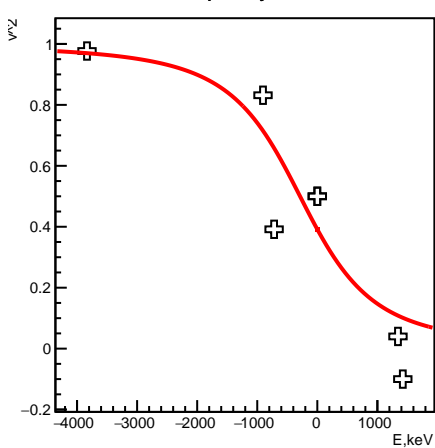
2621 1f7/2 0.138333 0.736667

8.31855e-13 2p1/2 0.5 1.09333

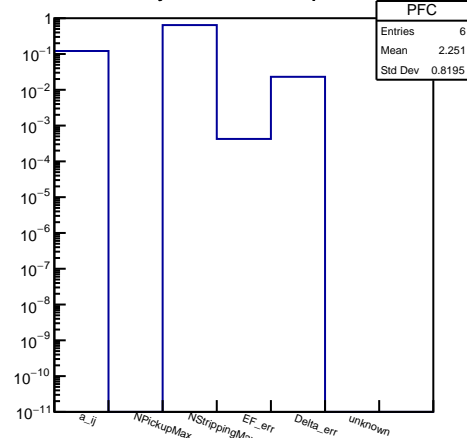
Ma74_Norm norm. pickup



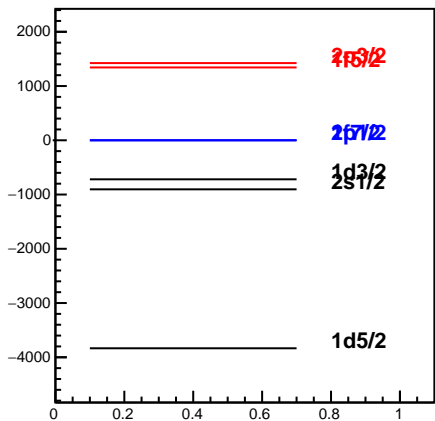
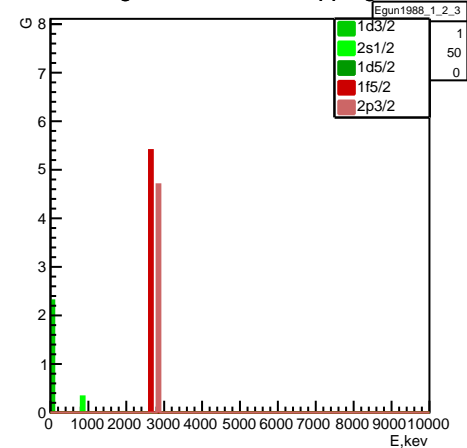
Occupancy_norm



Penalty function components



Egun1988 norm. stripping



Experiment: Ma74_Norm (14) Egun1988 (5)

proton transfer_norm

 $n^+ = 0.979344 \pm 0$ $n^- = 1.03669 \pm 0$

penalty: 0.15677

 $E_F: -287.844 \pm 273.392$ keV $\Delta: -1294.2 \pm 523.726$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-904.179 2s1/2 0.831667 1.00333

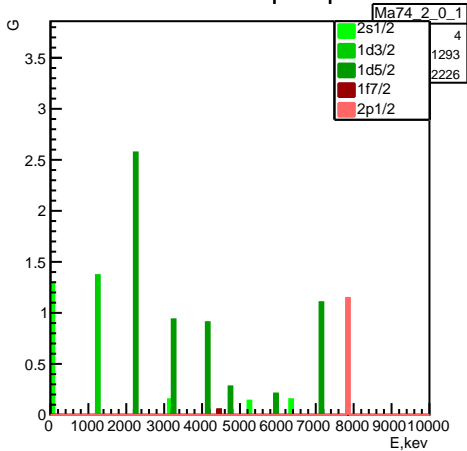
-719.416 1d3/2 0.391667 0.963333

-3834.23 1d5/2 0.976778 0.957556

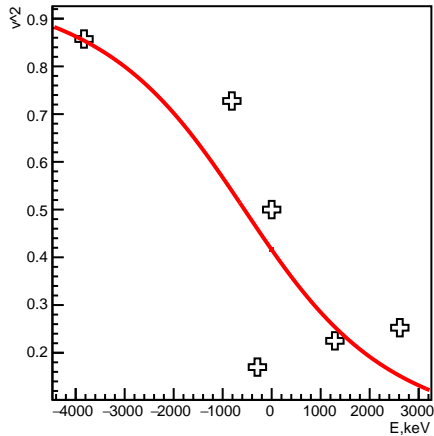
5.32907e-13 1f7/2 0.5 0.0133333

8.31855e-13 2p1/2 0.5 1.09333

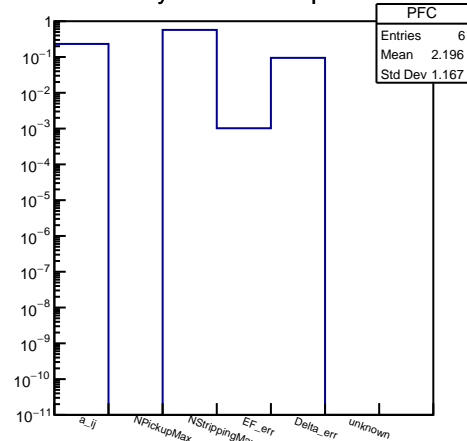
Ma74 norm. pickup



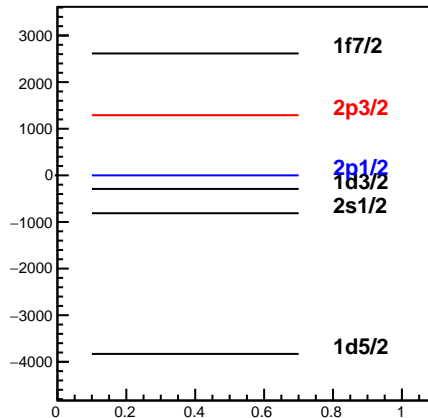
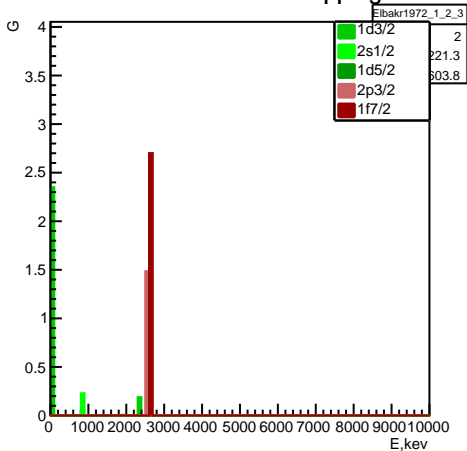
Occupancy_norm



Penalty function components



Elbakra1972 norm. stripping



Experiment: Ma74 (14) Elbakra1972 (6)

proton transfer_norm

 $n^+ = 0.675434 \pm 0$ $n^- = 1.39812 \pm 0$

penalty: 0.176924

 $E_F: -556.708 \pm 659.654$ keV $\Delta: 3264.99 \pm 2150.29$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-812.511 2s1/2 0.7275 0.795

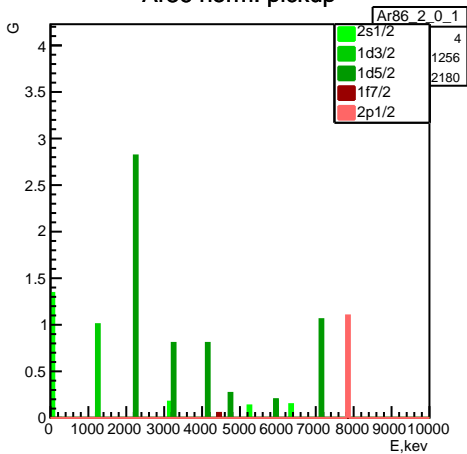
-291.097 1d3/2 0.17 1.22

-3830.18 1d5/2 0.857333 0.718667

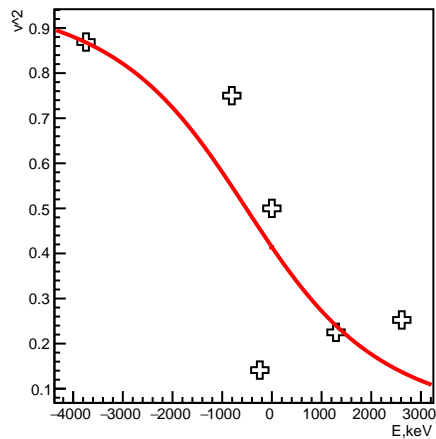
2614.94 1f7/2 0.2525 0.505

5.5457e-13 2p1/2 0.5 0.82

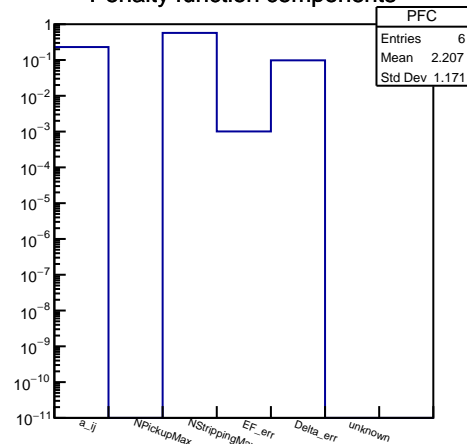
Ar86 norm. pickup



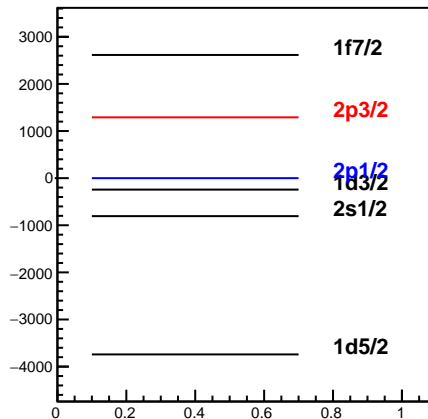
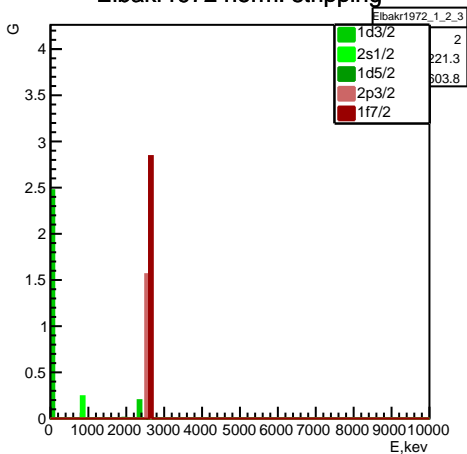
Occupancy_norm



Penalty function components



Elbakra1972 norm. stripping



Experiment: Ar86 (14) Elbakra1972 (6)

proton transfer_norm

 $n^+ = 0.710436 \pm 0$ $n^- = 1.34209 \pm 0$

penalty: 0.177064

 $E_F: -516.359 \pm 651.355$ keV $\Delta: 2966.62 \pm 2223.43$ keVSPE, keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-806.296 2s1/2 0.75 0.84

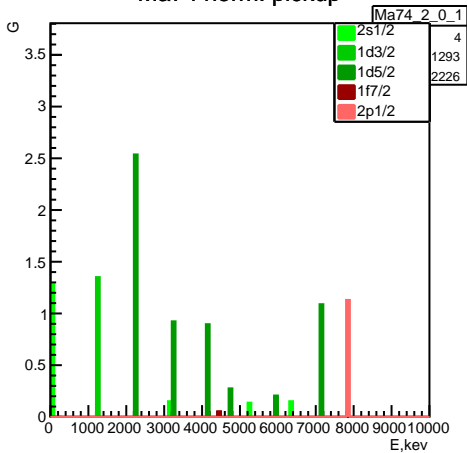
-242.87 1d3/2 0.14125 1.1625

-3741.3 1d5/2 0.869 0.742

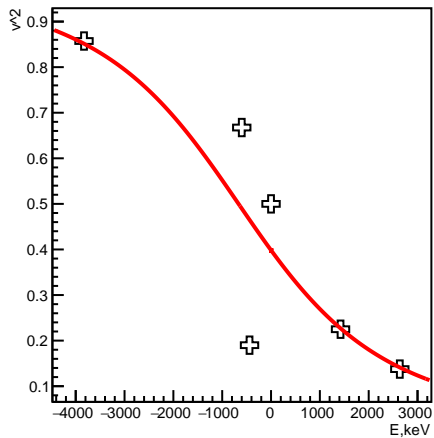
2614.94 1f7/2 0.2525 0.505

5.5457e-13 2p1/2 0.5 0.82

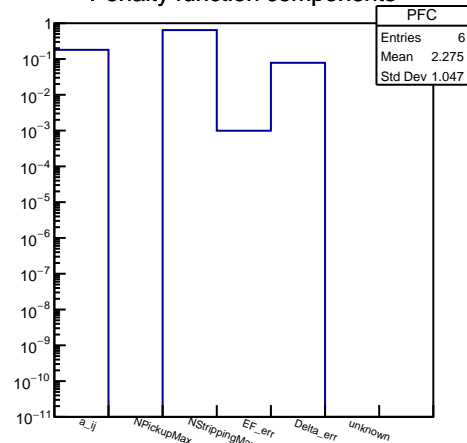
Ma74 norm. pickup



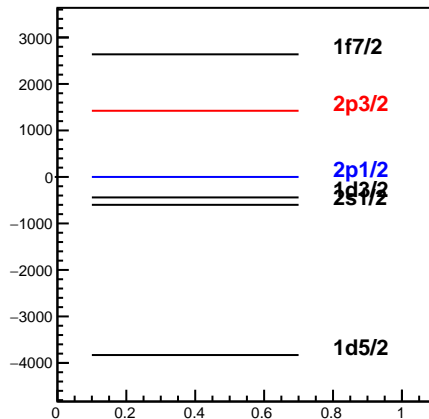
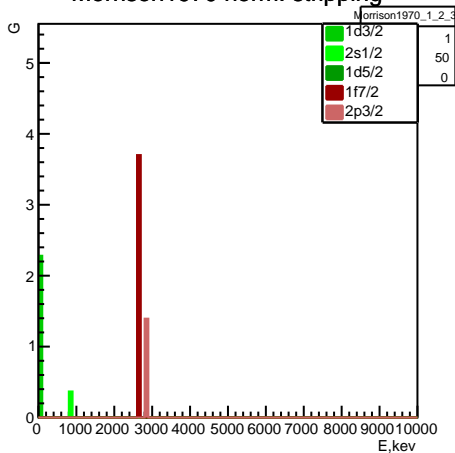
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping



Experiment: Ma74 (14) Morrison1970 (5)

proton transfer_norm

 $n^+ = 0.633702 \pm 0$ $n^- = 1.37899 \pm 0$

penalty: 0.177827

 $E_F: -664.854 \pm 639.413$ keV $\Delta: 3203.2 \pm 1778.49$ keVSPE, keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-599.65 2s1/2 0.6675 0.915

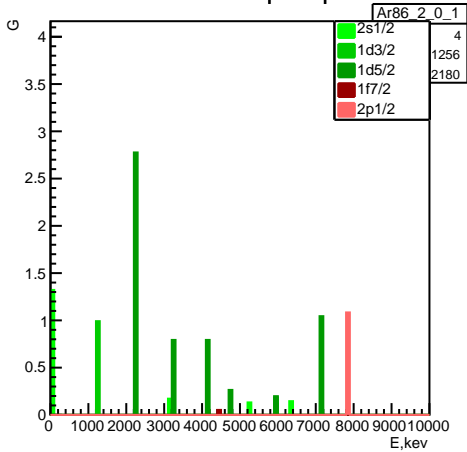
-440.49 1d3/2 0.19 1.18

-3830.18 1d5/2 0.857333 0.718667

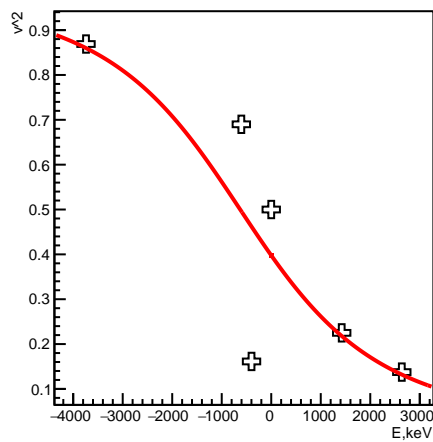
2636.99 1f7/2 0.1375 0.735

5.5457e-13 2p1/2 0.5 0.82

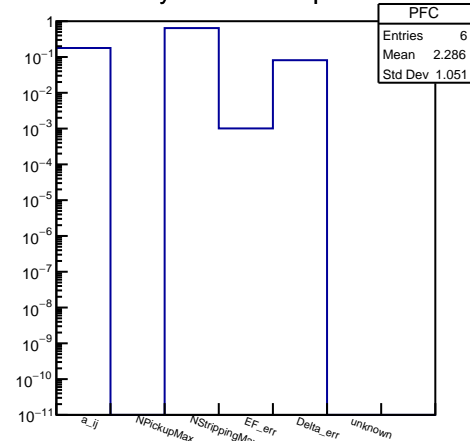
Ar86 norm. pickup



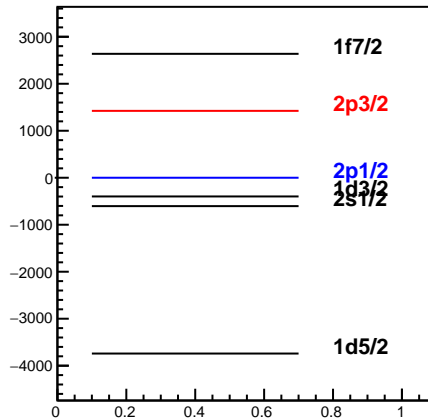
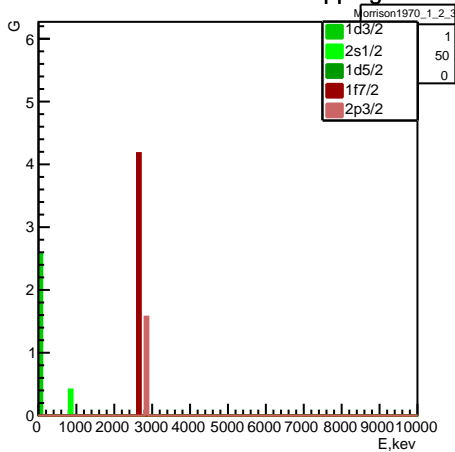
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping



Experiment: Ar86 (14) Morrison1970 (5)

proton transfer_norm

 $n^+ = 0.715746 \pm 0$ $n^- = 1.32216 \pm 0$

penalty: 0.178119

 $E_F: -627.406 \pm 651.909$ keV $\Delta: -3002.48 \pm 1849.77$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-604.191 2s1/2 0.69 0.96

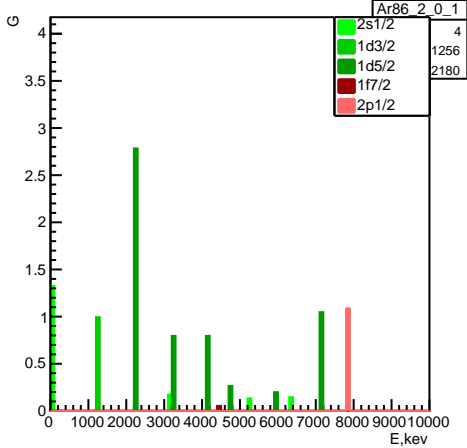
-398.197 1d3/2 0.16125 1.1225

-3741.3 1d5/2 0.869 0.742

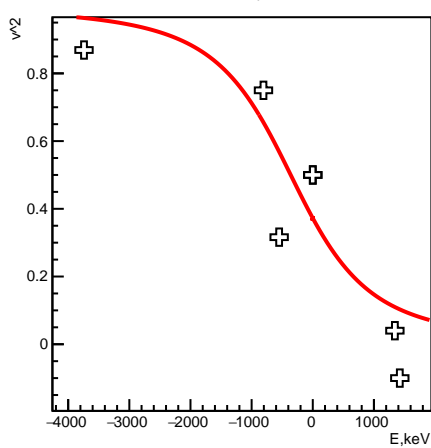
2636.99 1f7/2 0.1375 0.735

5.5457e-13 2p1/2 0.5 0.82

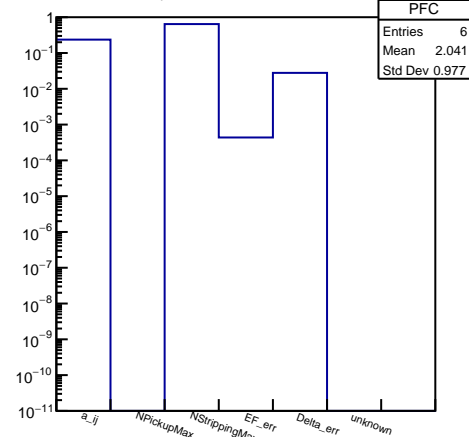
Ar86 norm. pickup



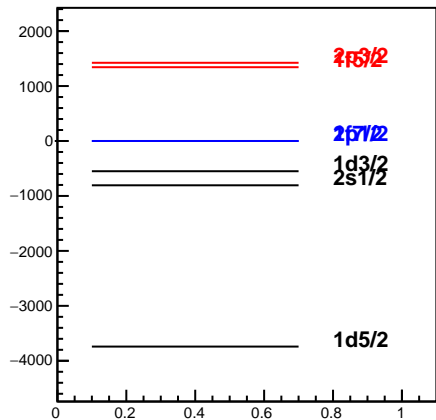
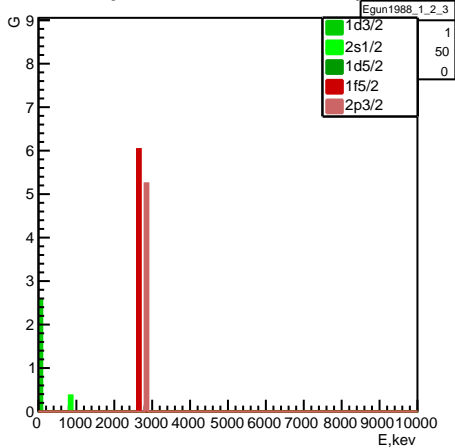
Occupancy_norm



Penalty function components



Egun1988 norm. stripping



Experiment: Ar86 (14) Egun1988 (5)

proton transfer_norm

 $n^+ = 1.09354 \pm 0$ $n^- = 1.32548 \pm 0$

penalty: 0.180794

 $E_F: -360.815 \pm 281.527$ keV $\Delta: 1365.03 \pm 632.717$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-806.296 2s1/2 0.75 0.84

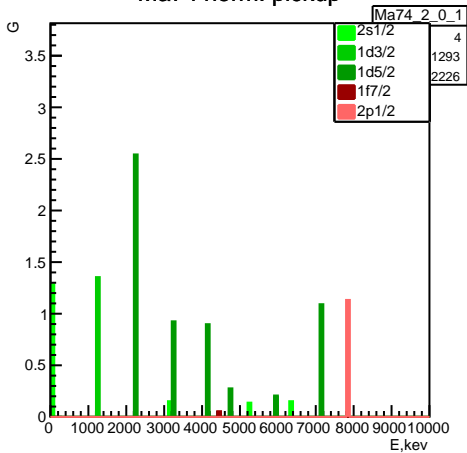
-550.124 1d3/2 0.31625 0.8125

-3741.3 1d5/2 0.869 0.742

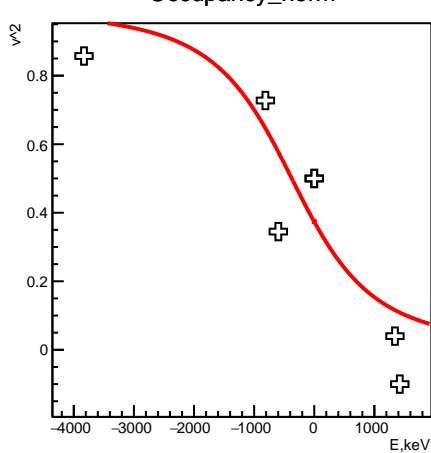
3.55271e-13 1f7/2 0.5 0.01

5.5457e-13 2p1/2 0.5 0.82

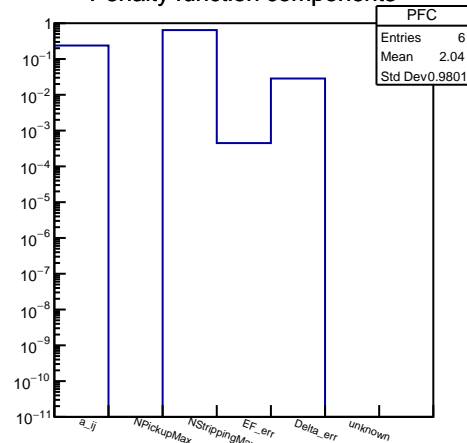
Ma74 norm. pickup



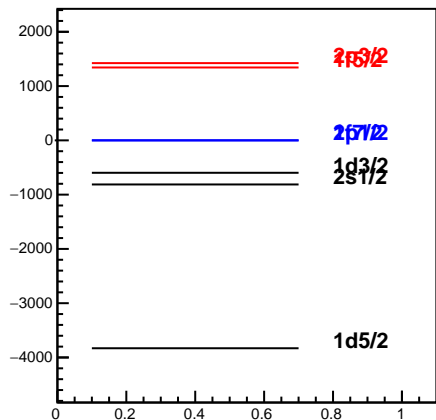
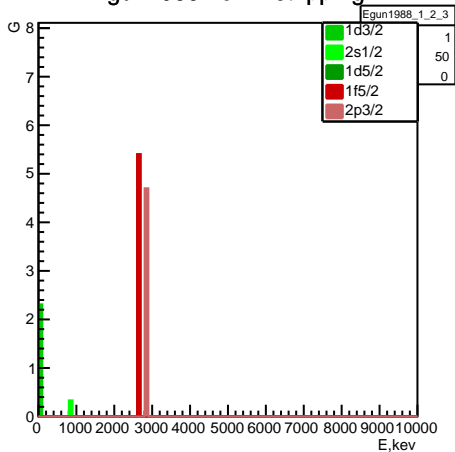
Occupancy_norm



Penalty function components



Egun1988 norm. stripping



Experiment: Ma74 (14) Egun1988 (5)

proton transfer_norm

 $n^+ = 0.979344 \pm 0$ $n^- = 1.38225 \pm 0$

penalty: 0.181247

 $E_F: -374.377 \pm 288.861$ keV $\Delta: -1430.98 \pm 647.539$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-812.511 2s1/2 0.7275 0.795

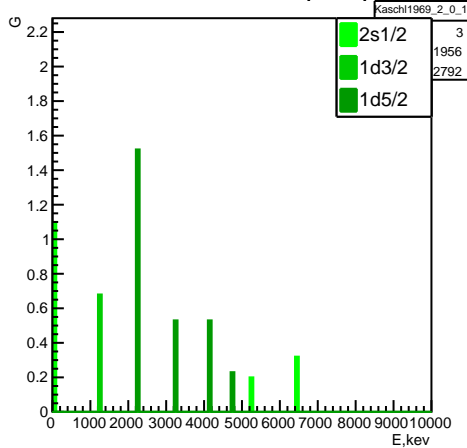
-597.446 1d3/2 0.345 0.87

-3830.18 1d5/2 0.857333 0.718667

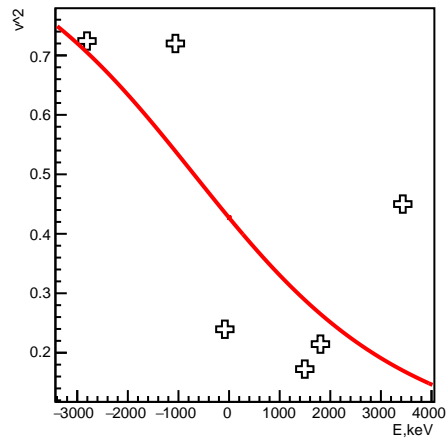
3.55271e-13 1f7/2 0.5 0.01

5.5457e-13 2p1/2 0.5 0.82

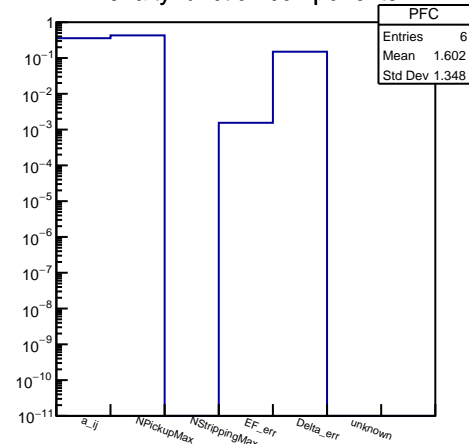
Kaschl1969 norm. pickup



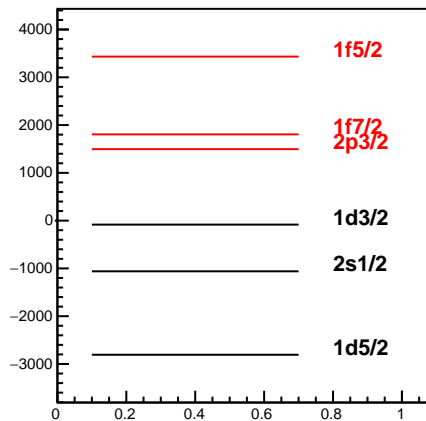
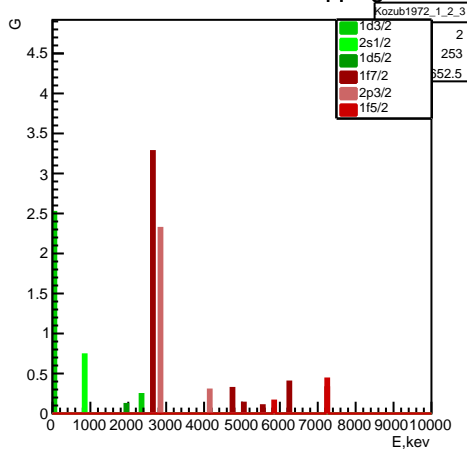
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping

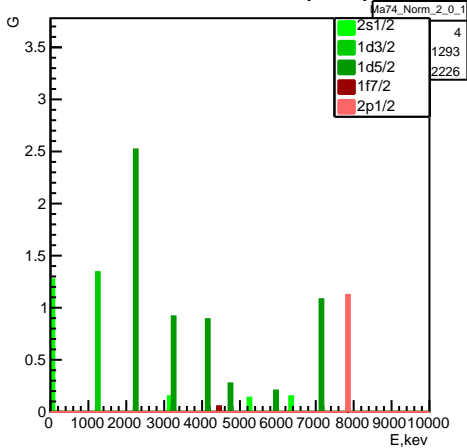


Experiment: Kaschl1969 (8) Kozub1972 (14)

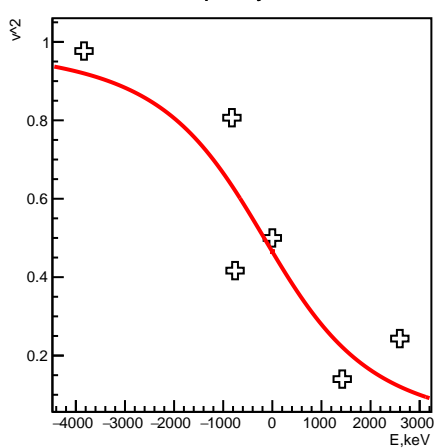
penalty: 0.187238

Normalization was not performed.

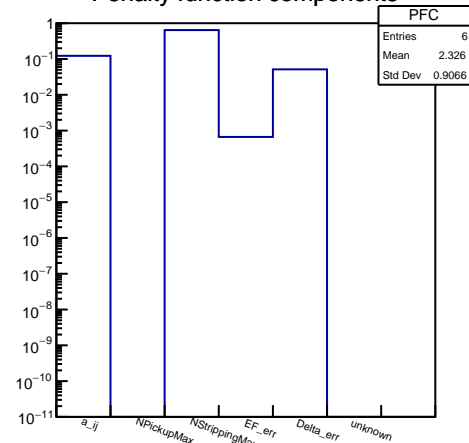
Ma74_Norm norm. pickup



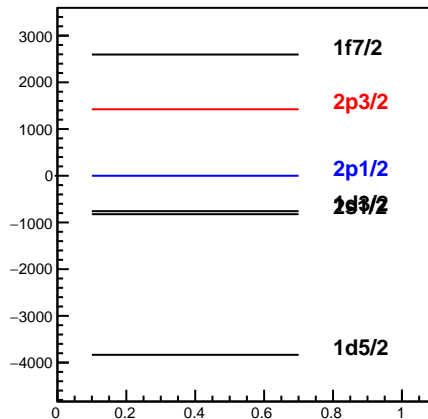
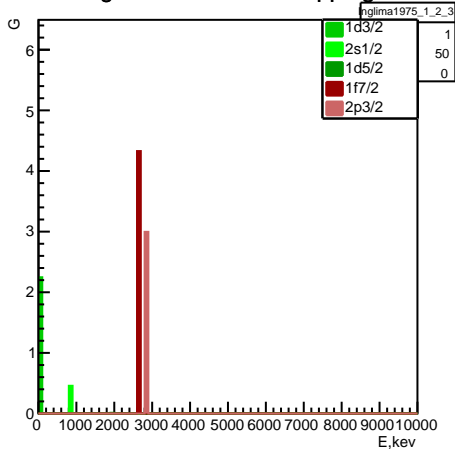
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: Ma74_Norm (14) Inglima1975 (5)
proton_transfer_norm

$$n^+ = 1.04056 \pm 0 \quad n^- = 1.02702 \pm 0$$

penalty: 0.195183

$$E_F: -167.155 \pm 428.67 \text{ keV}$$

$$\Delta: 2374.55 \pm 1166.97 \text{ keV}$$

$$\text{SPE, keV nlj OCC } \frac{G^+ + G^-}{2J+1}$$

$$-822.783 \text{ 2s1/2 } 0.806667 \text{ 1.05333}$$

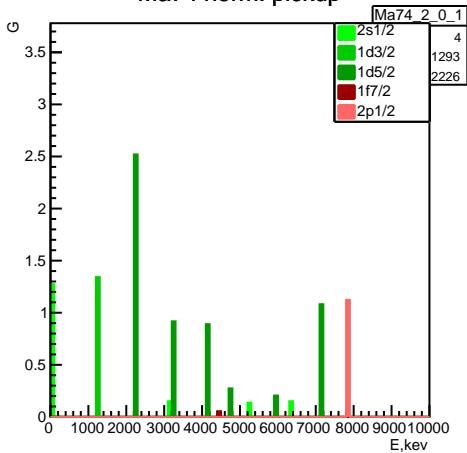
$$-758.801 \text{ 1d3/2 } 0.416667 \text{ 0.913333}$$

$$-3834.23 \text{ 1d5/2 } 0.976778 \text{ 0.957556}$$

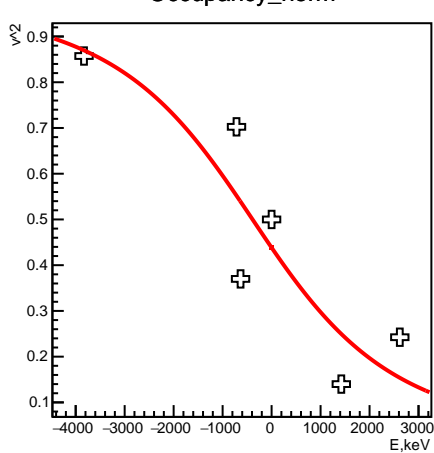
$$2595.32 \text{ 1f7/2 } 0.243333 \text{ 0.526667}$$

$$8.31855\text{e-13 } 2p1/2 \text{ 0.5 } 1.09333$$

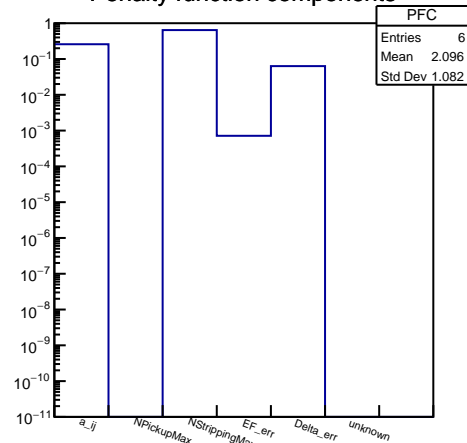
Ma74 norm. pickup



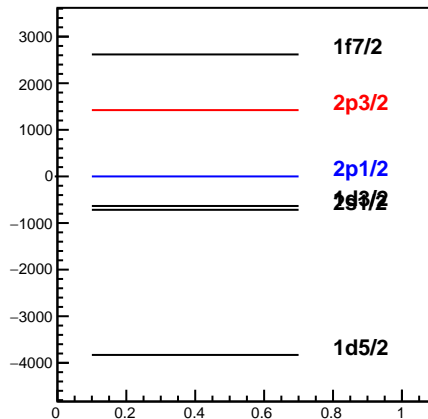
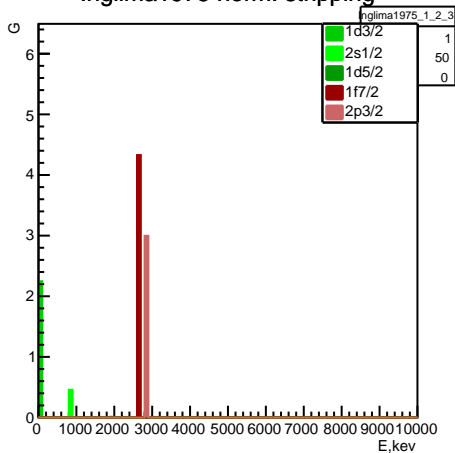
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: Ma74 (14) Inglima1975 (5)

proton transfer_norm

 $n^+ = 1.04056 \pm 0$ $n^- = 1.36936 \pm 0$

penalty: 0.198048

 $E_F: -388.948 \pm 461.326$ keV $\Delta: 3132.65 \pm 1438.24$ keVSPE, keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-716.472 2s1/2 0.7025 0.845

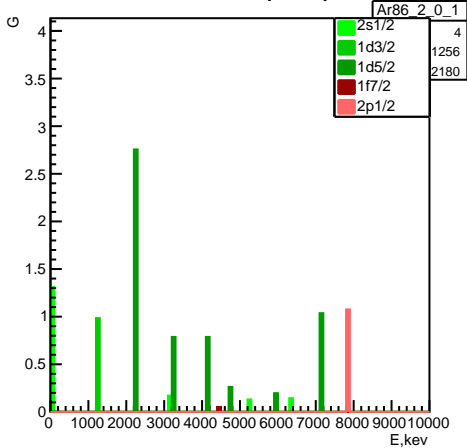
-633.876 1d3/2 0.37 0.82

-3830.18 1d5/2 0.857333 0.718667

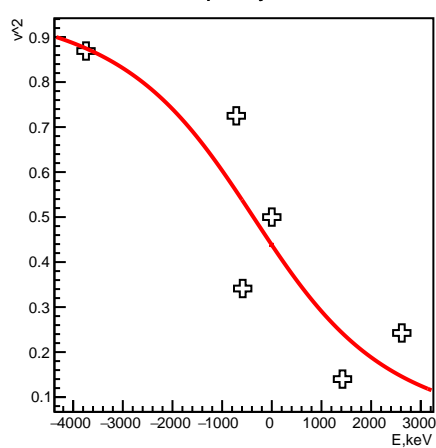
2617.62 1f7/2 0.2425 0.525

5.5457e-13 2p1/2 0.5 0.82

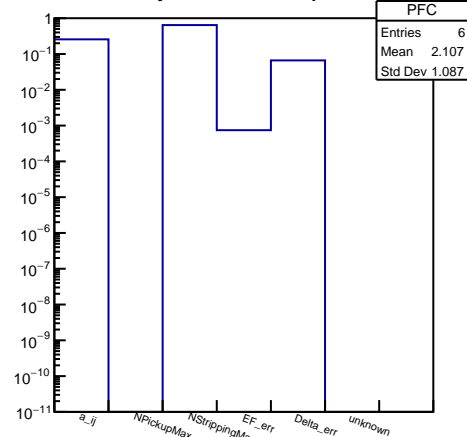
Ar86 norm. pickup



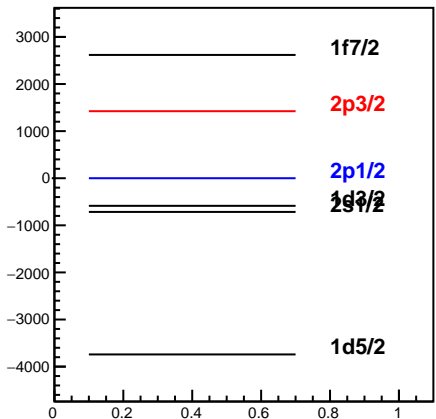
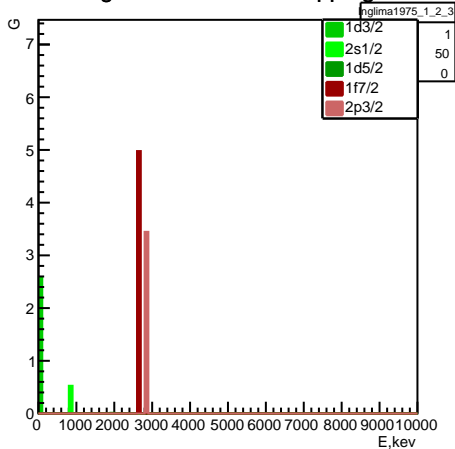
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: Ar86 (14) Inglima1975 (5)

proton transfer_norm

 $n^+ = 1.19677 \pm 0$ $n^- = 1.31226 \pm 0$

penalty: 0.200551

 $E_F: -371.434 \pm 480.092$ keV $\Delta: 2975.67 \pm 1504.57$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-715.462 2s1/2 0.725 0.89

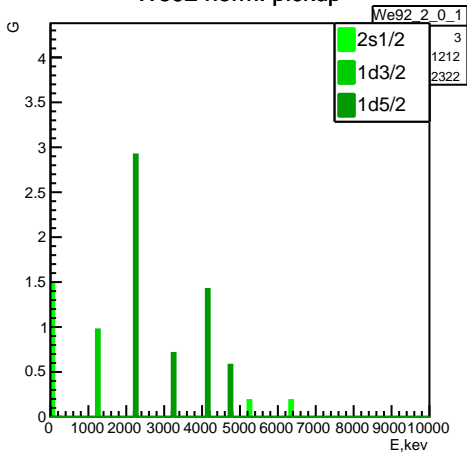
-586.198 1d3/2 0.34125 0.7625

-3741.3 1d5/2 0.869 0.742

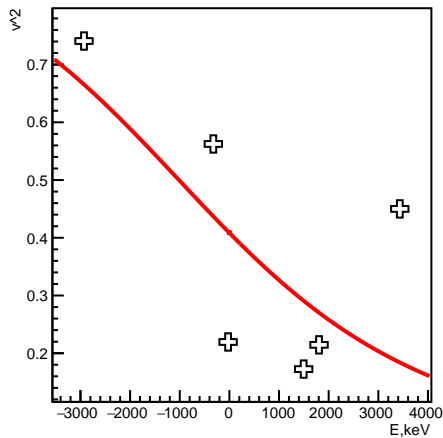
2617.62 1f7/2 0.2425 0.525

5.5457e-13 2p1/2 0.5 0.82

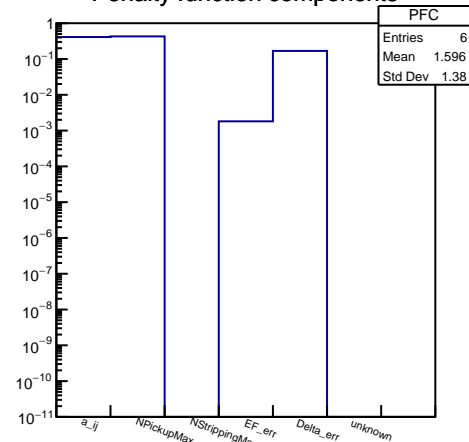
We92 norm. pickup



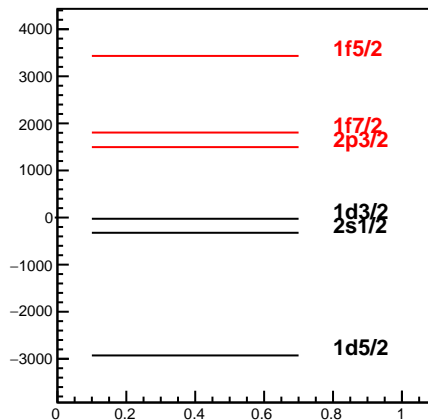
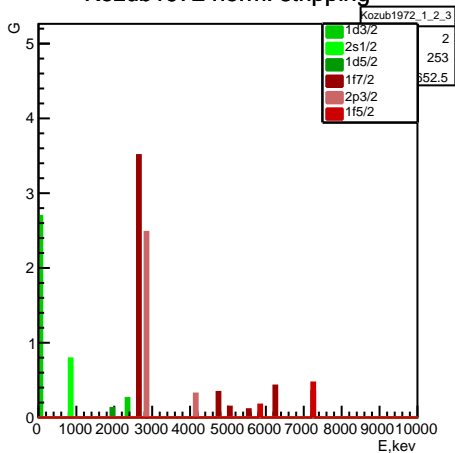
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: We92 (8) Kozub1972 (14)

proton transfer_norm

 $n^+ = 1.07001 \pm 0$ $n^- = 1.87202 \pm 0$

penalty: 0.200702

 $E_F: -1015.36 \pm 1170.05$ keV $\Delta: 5452.16 \pm 3823.58$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-323.429 2s1/2 0.5625 0.865

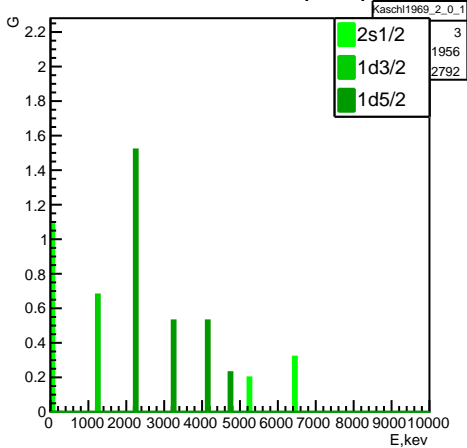
-25.7307 1d3/2 0.2195 0.821

-2928.47 1d5/2 0.740833 0.521667

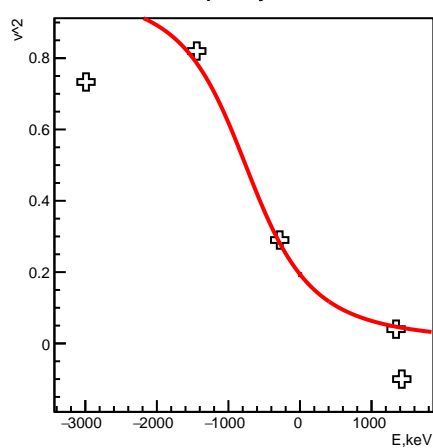
1805.3 1f7/2 0.2145 0.571

1495.93 2p3/2 0.1725 0.655

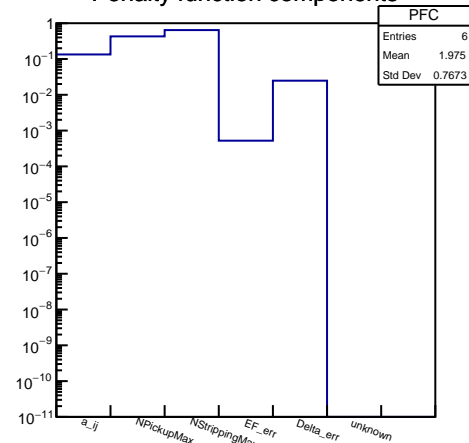
Kaschl1969 norm. pickup



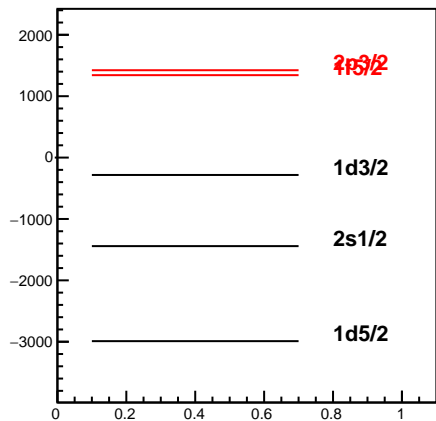
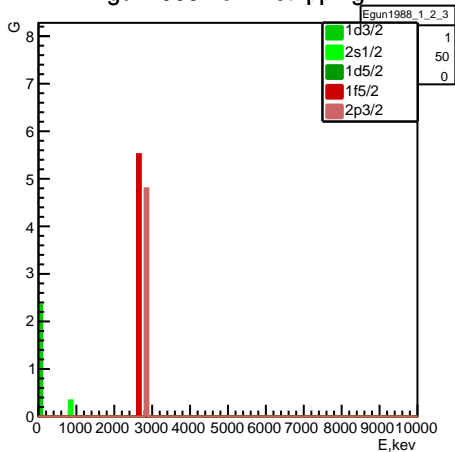
Occupancy_norm



Penalty function components



Egun1988 norm. stripping

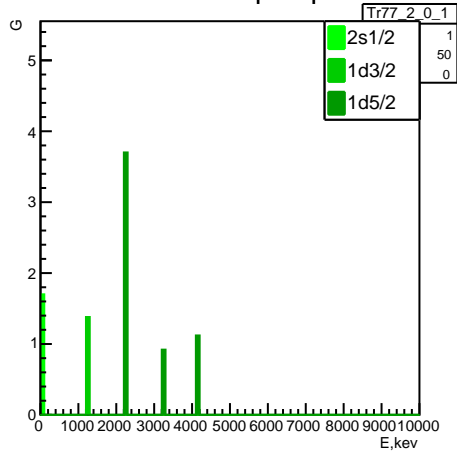


Experiment: Kaschl1969 (8) Egun1988 (5)

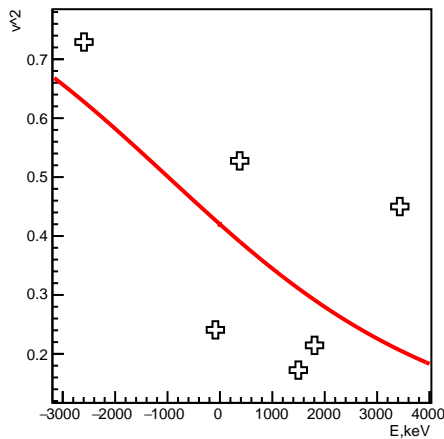
penalty: 0.247684

Normalization was not performed.

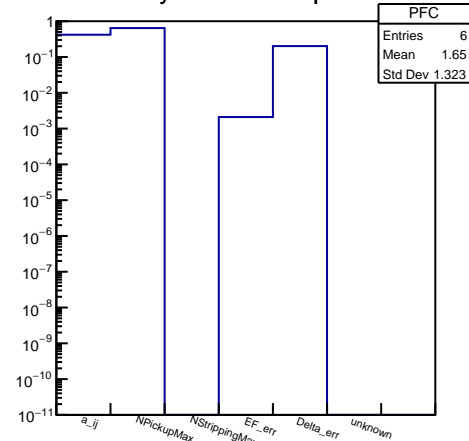
Tr77 norm. pickup



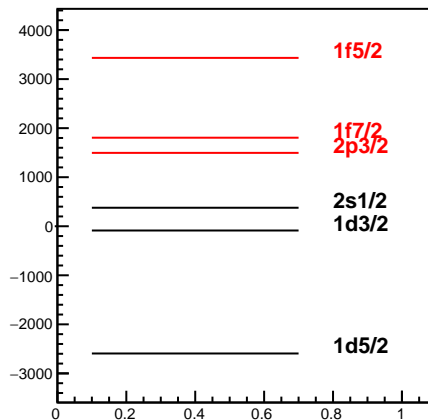
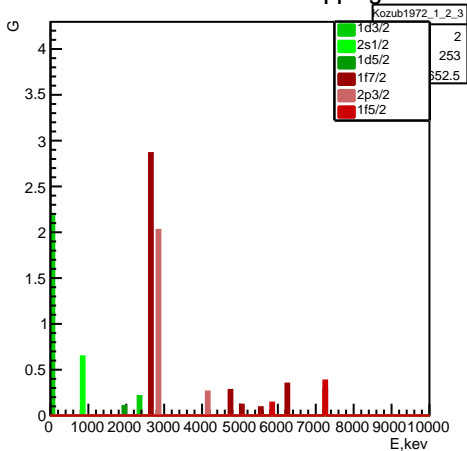
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: Tr77 (5) Kozub1972 (14)

proton transfer_norm

 $n^+ = 0.87327 \pm 0$ $n^- = 2.00067 \pm 0$

penalty: 0.253343

 $E_F: -986.875 \pm 1356.04$ keV $\Delta: 6085.89 \pm 4583.65$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

377.237 2s1/2 0.5275 0.795

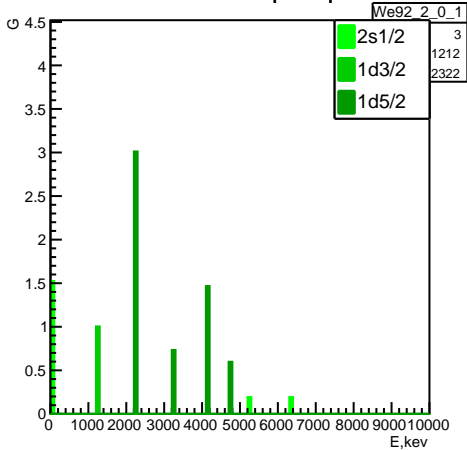
-86.781 1d3/2 0.24075 0.8635

-2594.12 1d5/2 0.729167 0.498333

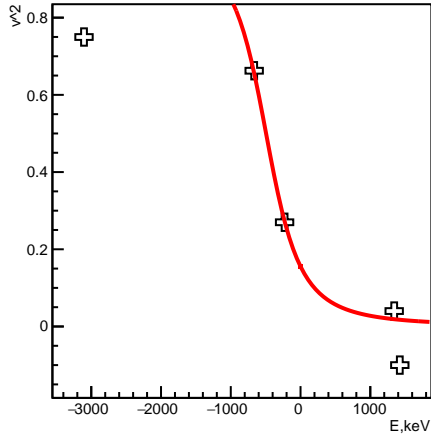
1805.3 1f7/2 0.2145 0.571

1495.93 2p3/2 0.1725 0.655

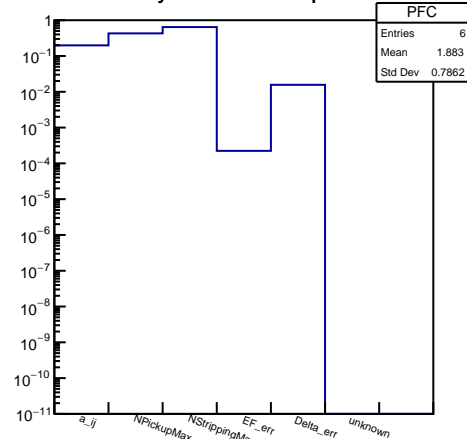
We92 norm. pickup



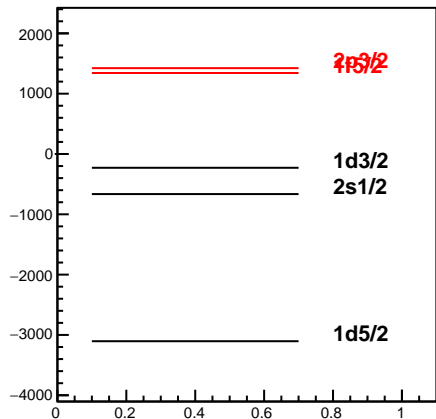
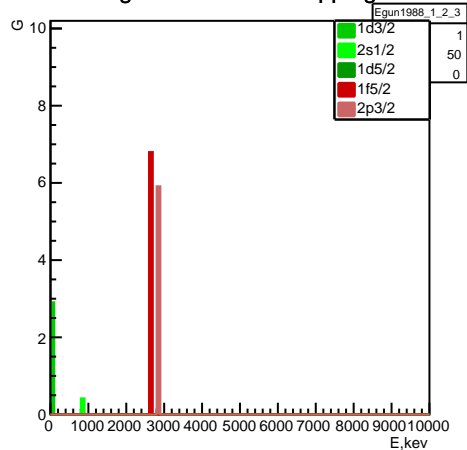
Occupancy_norm



Penalty function components



Egun1988 norm. stripping



Experiment: We92 (8) Egun1988 (5)

proton transfer_norm

 $n^+ = 1.23167 \pm 0$ $n^- = 1.93092 \pm 0$

penalty: 0.26266

 $E_F: -493.895 \pm 144.423$ keV $\Delta: 519.305 \pm 356.005$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-664.476 2s1/2 0.6625 0.665

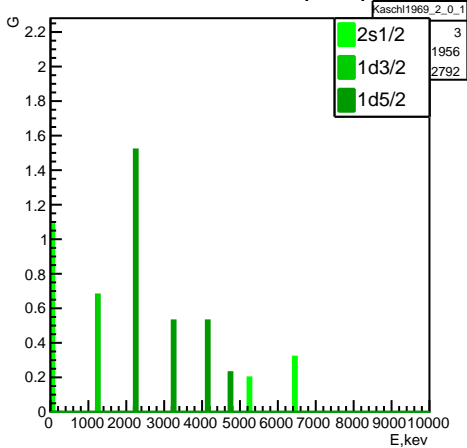
-228.607 1d3/2 0.27 0.72

-3104.11 1d5/2 0.749833 0.503667

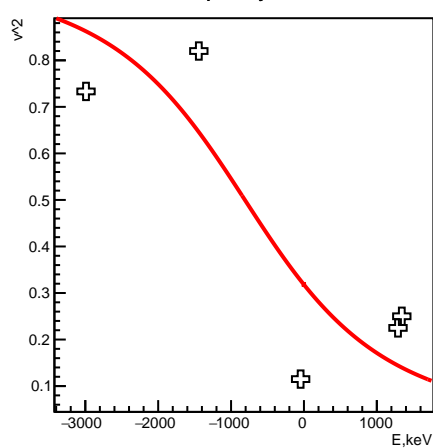
1342.7 1f5/2 0.04 0.92

1423.15 2p3/2 -0.1 1.2

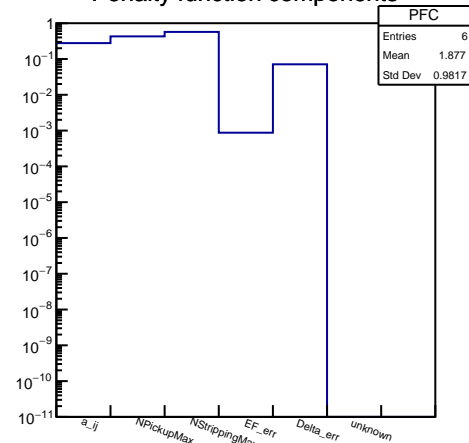
Kaschl1969 norm. pickup



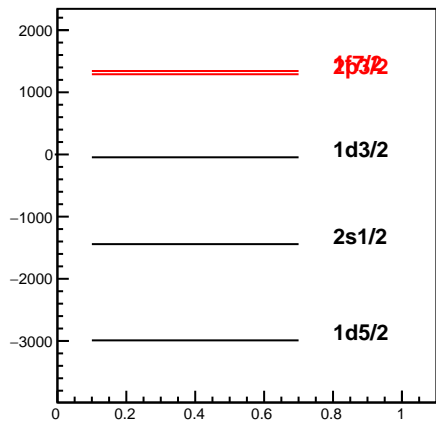
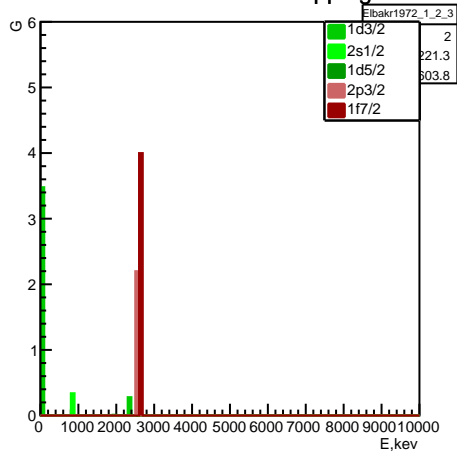
Occupancy_norm



Penalty function components



Elbakr1972 norm. stripping

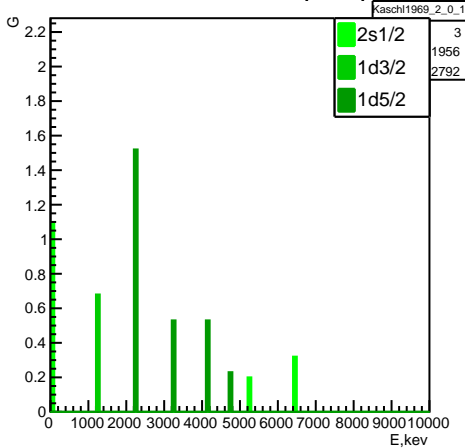


Experiment: Kaschl1969 (8) Elbakr1972 (6)

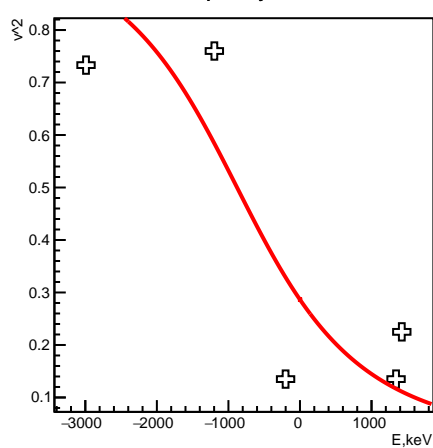
penalty: 0.267577

Normalization was not performed.

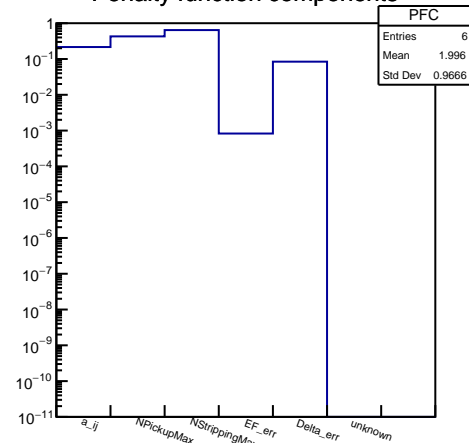
Kaschl1969 norm. pickup



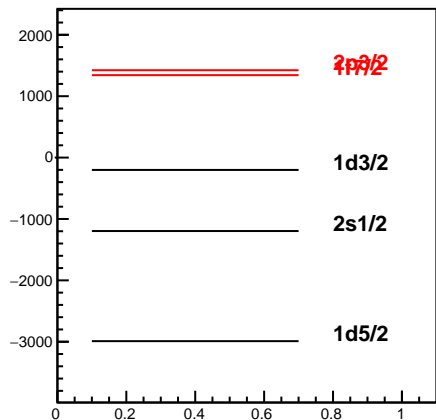
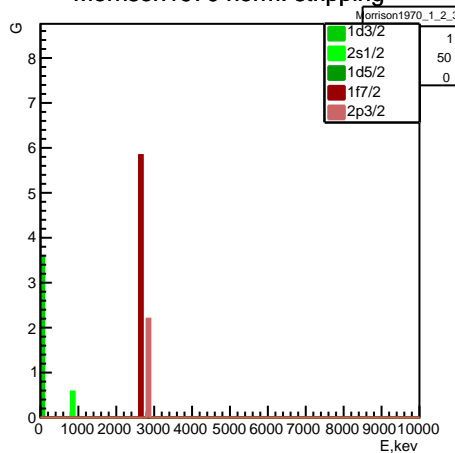
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping

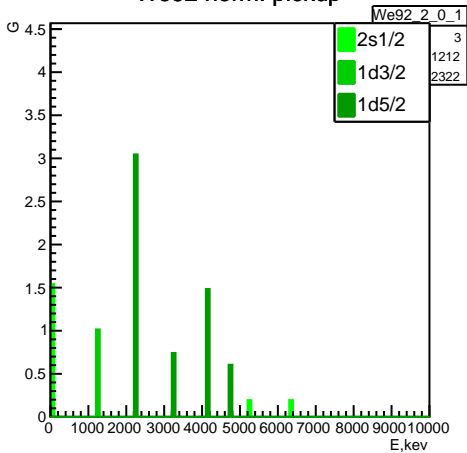


Experiment: Kaschl1969 (8) Morrison1970 (5)

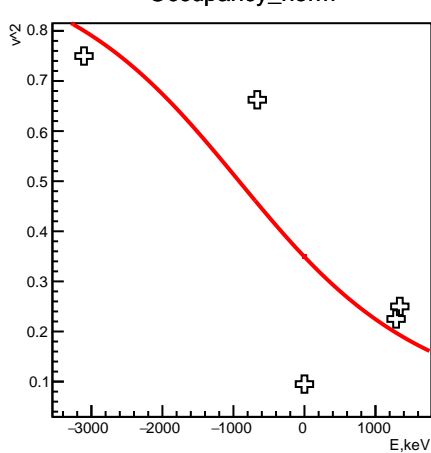
penalty: 0.272813

Normalization was not performed.

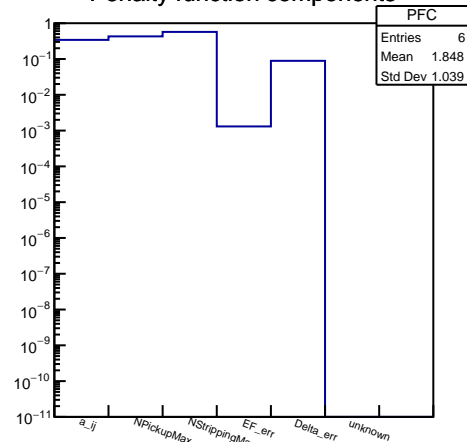
We92 norm. pickup



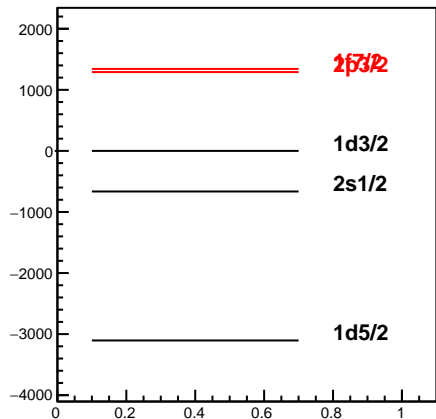
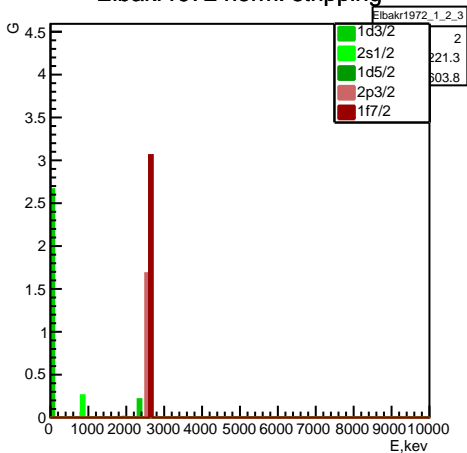
Occupancy_norm



Penalty function components



Elbahr1972 norm. stripping



Experiment: We92 (8) Elbahr1972 (6)

proton transfer_norm

 $n^+ = 0.765373 \pm 0$ $n^- = 1.9522 \pm 0$

penalty: 0.28434

 $E_F: -920.629 \pm 842.745$ keV $\Delta: 2908.64 \pm 2019.17$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-664.476 2s1/2 0.6625 0.665

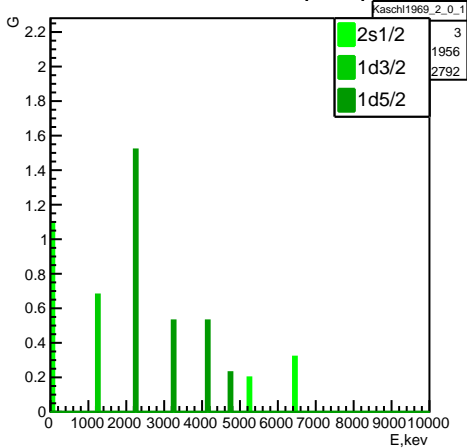
0.0402804 1d3/2 0.095 1.07

-3104.11 1d5/2 0.749833 0.503667

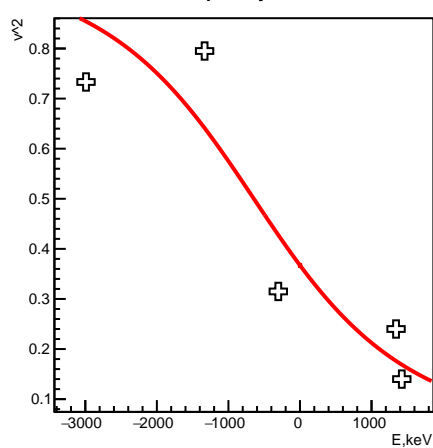
1290.5 2p3/2 0.225 0.55

1342.7 1f7/2 0.25 0.5

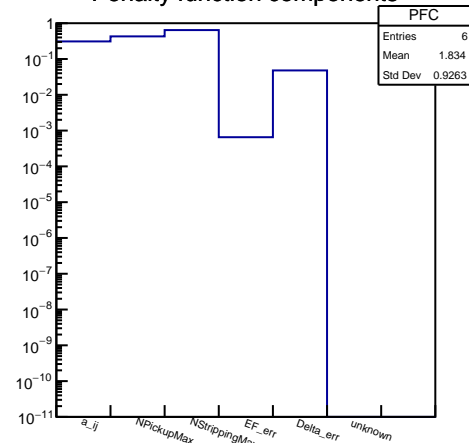
Kaschl1969 norm. pickup



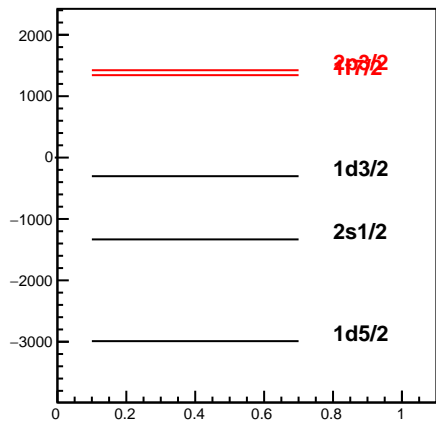
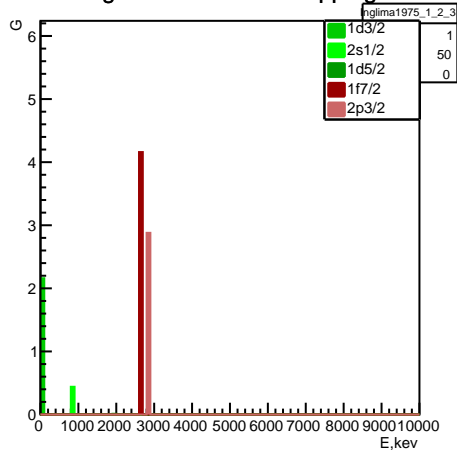
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping

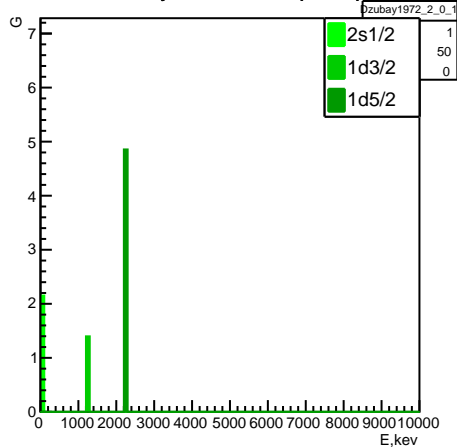


Experiment: Kaschl1969 (8) Inglima1975 (5)

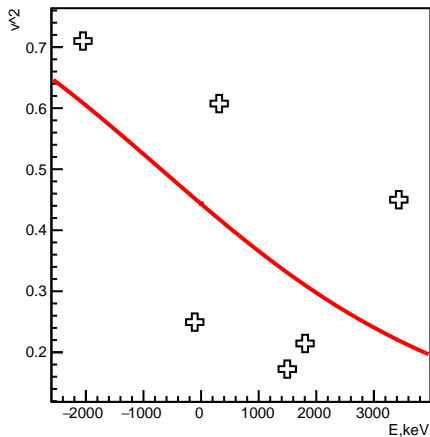
penalty: 0.287959

Normalization was not performed.

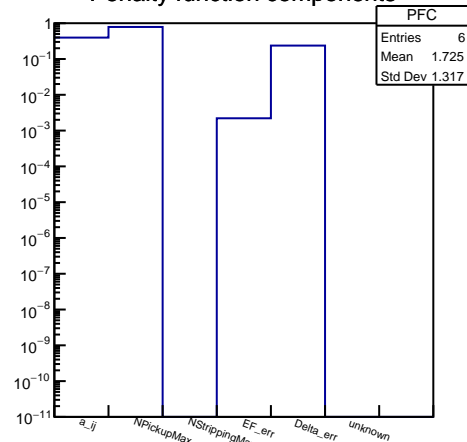
Dzubay1972 norm. pickup



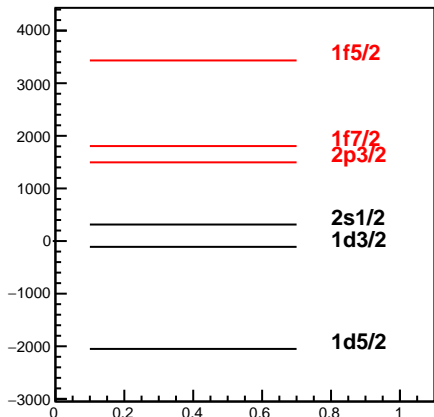
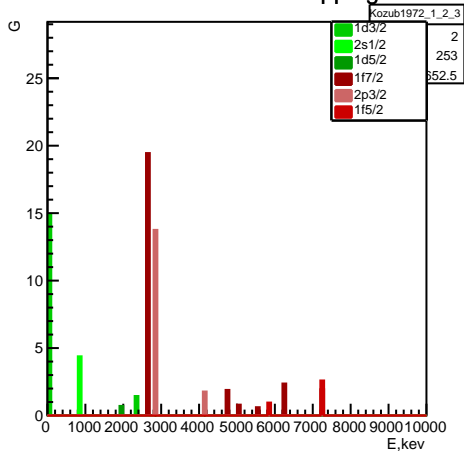
Occupancy_norm



Penalty function components



Kozub1972 norm. stripping



Experiment: Dzubay1972 (3) Kozub1972 (14)

proton transfer_norm

 $n^+ = 5.93086 \pm 0$ $n^- = 1.83929 \pm 0$

penalty: 0.28817

 $E_F: -697.333 \pm 1424.46$ keV $\Delta: 6092.44 \pm 5386.7$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

314.035 2s1/2 0.6075 0.955

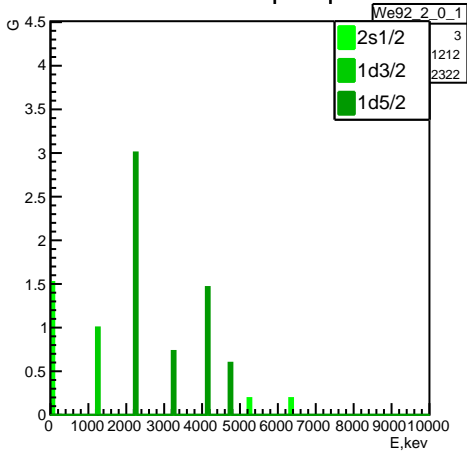
-110.207 1d3/2 0.2495 0.881

-2050.13 1d5/2 0.71 0.46

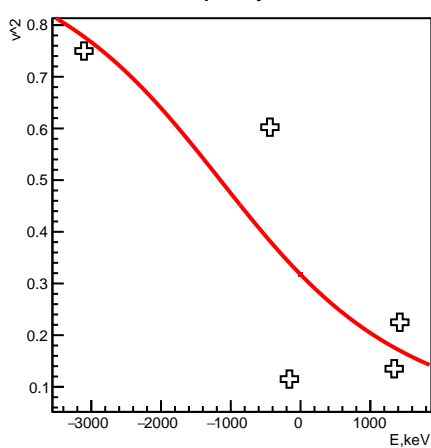
1805.3 1f7/2 0.2145 0.571

1495.93 2p3/2 0.1725 0.655

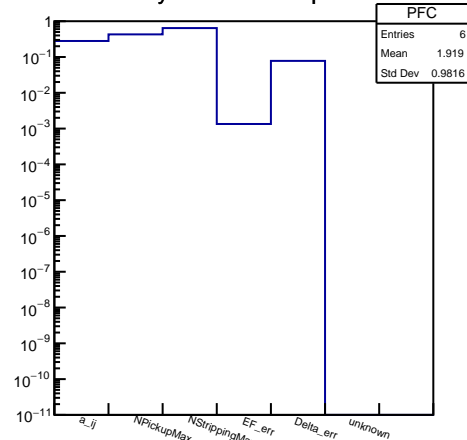
We92 norm. pickup



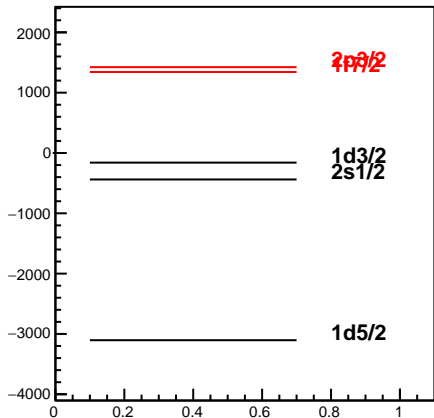
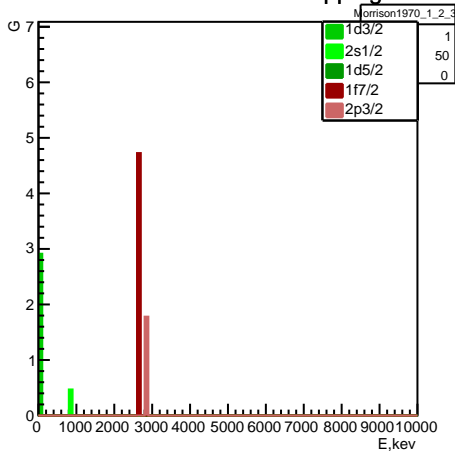
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping



Experiment: We92 (8) Morrison1970 (5)

proton transfer_norm

 $n^+ = 0.809258 \pm 0$ $n^- = 1.92736 \pm 0$

penalty: 0.289117

 $E_F: -1148.97 \pm 867.294$ keV $\Delta: 2930.48 \pm 1769.61$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-438.994 2s1/2 0.6025 0.785

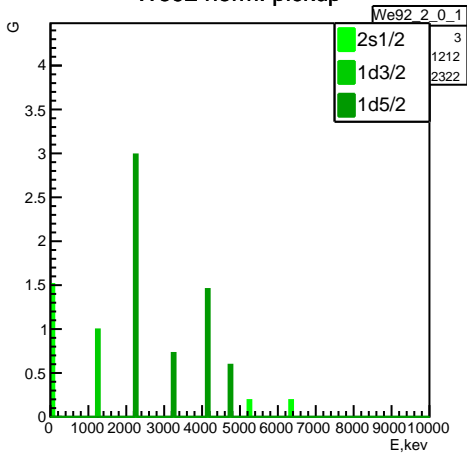
-159.803 1d3/2 0.115 1.03

-3104.11 1d5/2 0.749833 0.503667

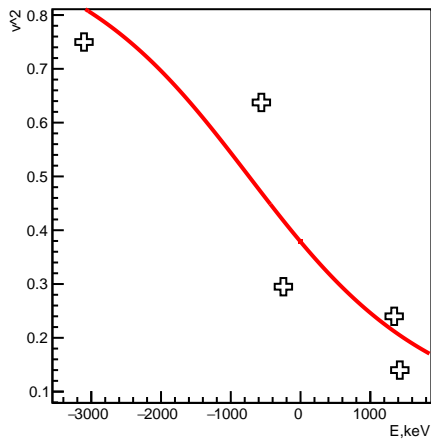
1342.7 1f7/2 0.135 0.73

1423.15 2p3/2 0.225 0.55

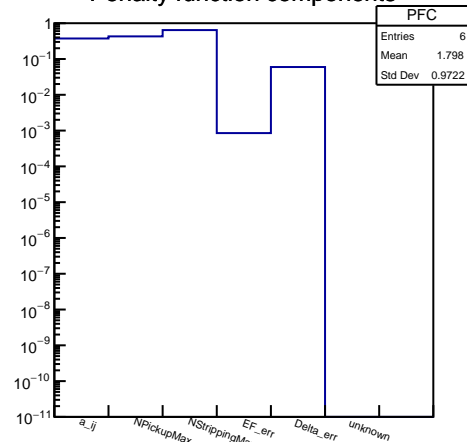
We92 norm. pickup



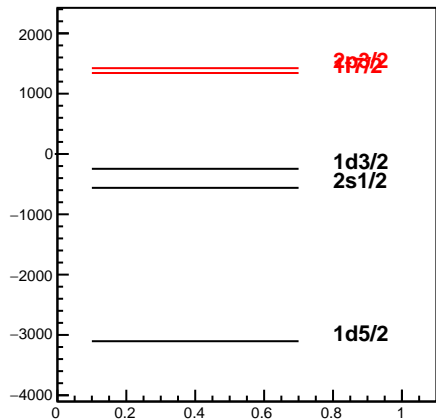
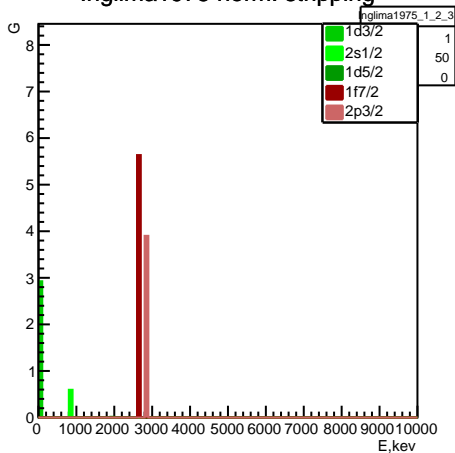
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: We92 (8) Inglima1975 (5)

proton transfer_norm

 $n^+ = 1.35472 \pm 0$ $n^- = 1.91538 \pm 0$

penalty: 0.305156

 $E_F: -739.094 \pm 549.377$ keV $\Delta: 2954.85 \pm 1356.09$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

-561.327 2s1/2 0.6375 0.715

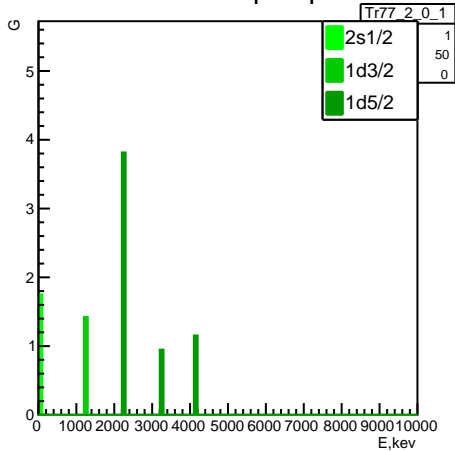
-245.667 1d3/2 0.295 0.67

-3104.11 1d5/2 0.749833 0.503667

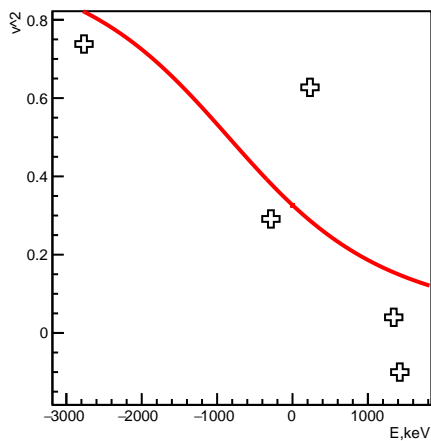
1342.7 1f7/2 0.24 0.52

1423.15 2p3/2 0.14 0.72

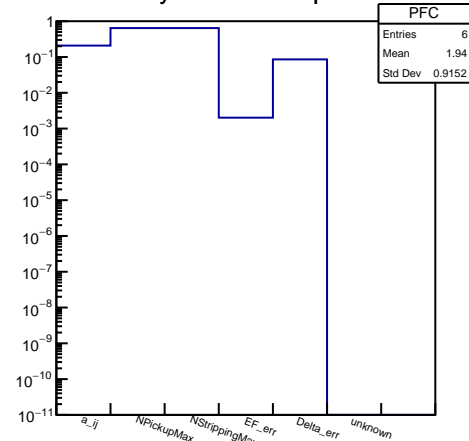
Tr77 norm. pickup



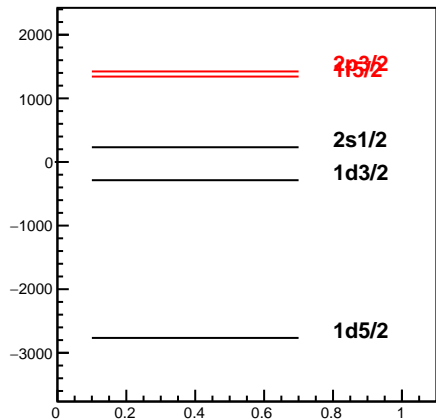
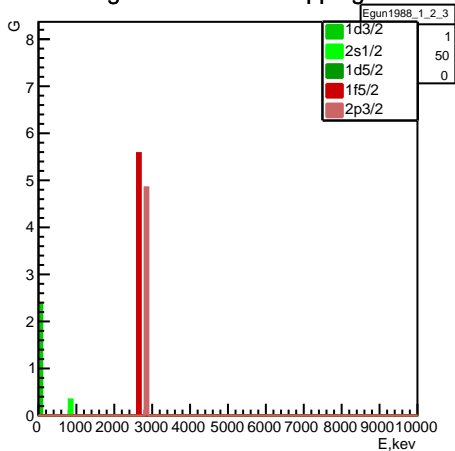
Occupancy_norm



Penalty function components



Egun1988 norm. stripping



Experiment: Tr77 (5) Egun1988 (5)

proton transfer_norm

 $n^+ = 1.01075 \pm 0$ $n^- = 2.06258 \pm 0$

penalty: 0.327666

 $E_F: -847.857 \pm 1302.66$ keV $\Delta: 2294.1 \pm 1948.24$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

231.586 2s1/2 0.6275 0.595

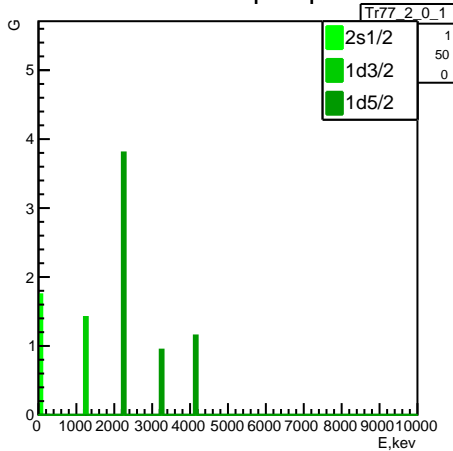
-286.436 1d3/2 0.29125 0.7625

-2765.76 1d5/2 0.738167 0.480333

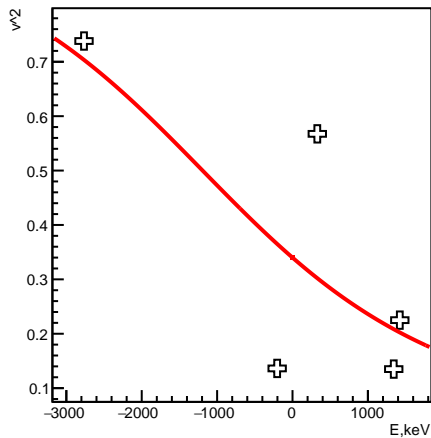
1342.7 1f5/2 0.04 0.92

1423.15 2p3/2 -0.1 1.2

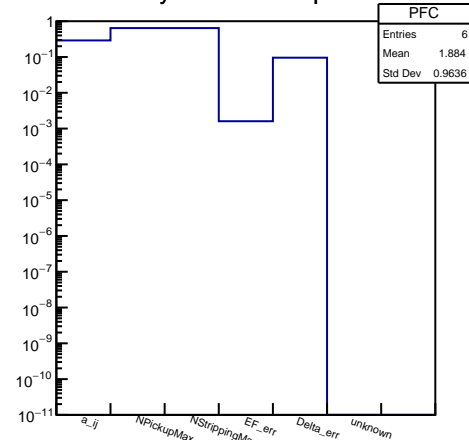
Tr77 norm. pickup



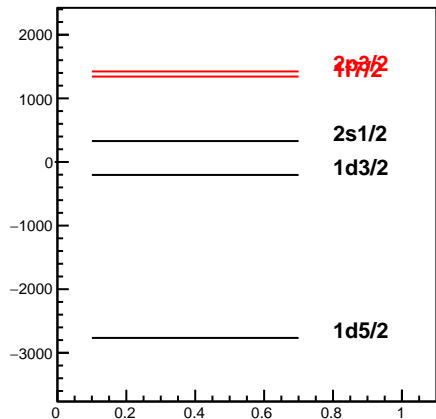
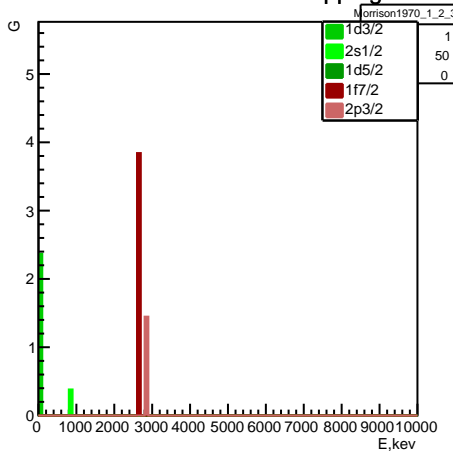
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping



Experiment: Tr77 (5) Morrison1970 (5)

proton transfer_norm

 $n^+ = 0.658001 \pm 0$ $n^- = 2.05769 \pm 0$

penalty: 0.340631

 $E_F: -1192.82 \pm 1036.27$ keV $\Delta: 3530.83 \pm 2173.47$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

328.755 2s1/2 0.5675 0.715

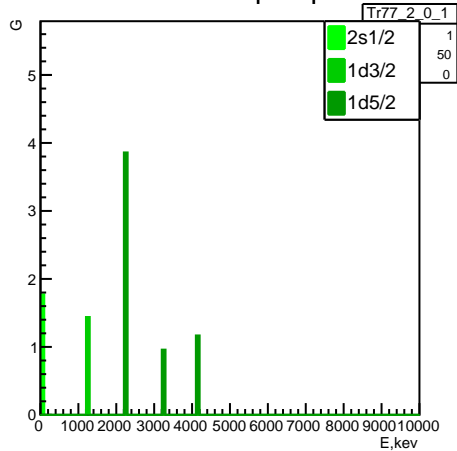
-203.643 1d3/2 0.13625 1.0725

-2765.76 1d5/2 0.738167 0.480333

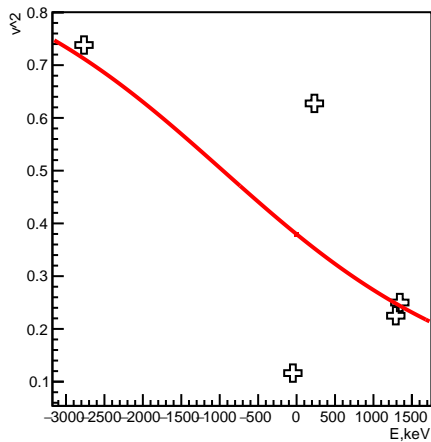
1342.7 1f7/2 0.135 0.73

1423.15 2p3/2 0.225 0.55

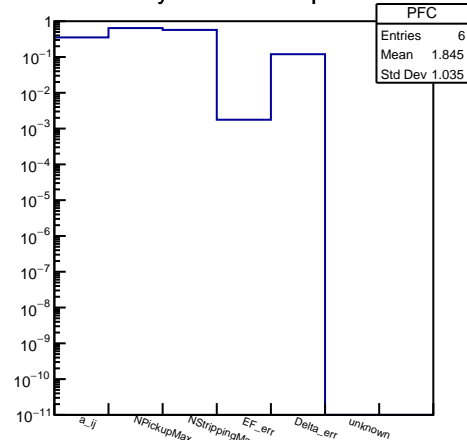
Tr77 norm. pickup



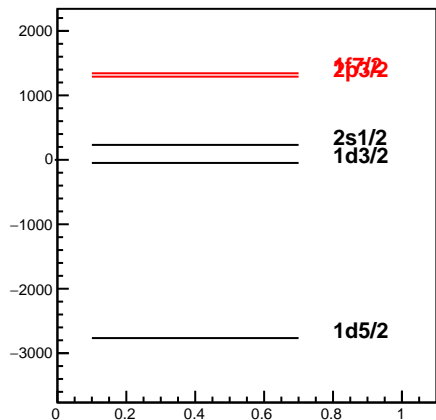
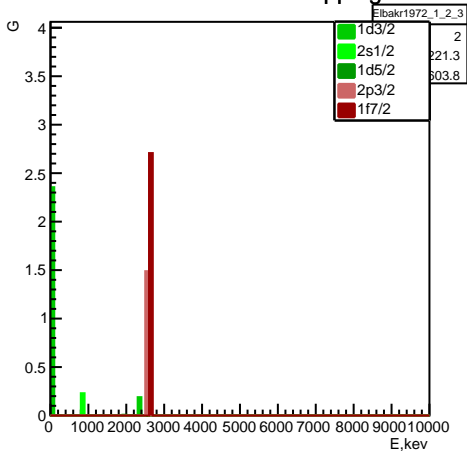
Occupancy_norm



Penalty function components



Elbakra1972 norm. stripping



Experiment: Tr77 (5) Elbakra1972 (6)

proton transfer_norm

 $n^+ = 0.676834 \pm 0$ $n^- = 2.08665 \pm 0$

penalty: 0.34362

 $E_F: -957.969 \pm 1140.48$ keV $\Delta: -3858.21 \pm 2720.32$ keVSPE, keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

231.586 2s1/2 0.6275 0.595

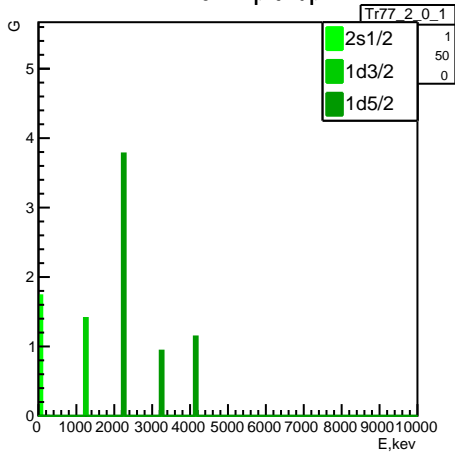
-48.3303 1d3/2 0.11625 1.1125

-2765.76 1d5/2 0.738167 0.480333

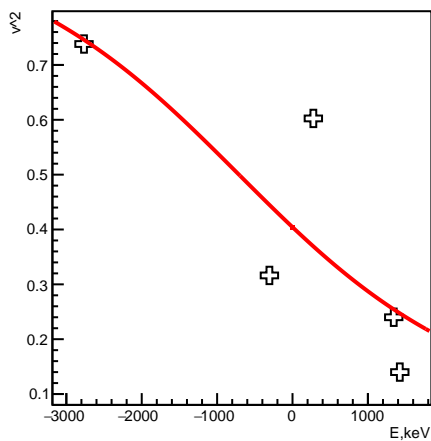
1290.5 2p3/2 0.225 0.55

1342.7 1f7/2 0.25 0.5

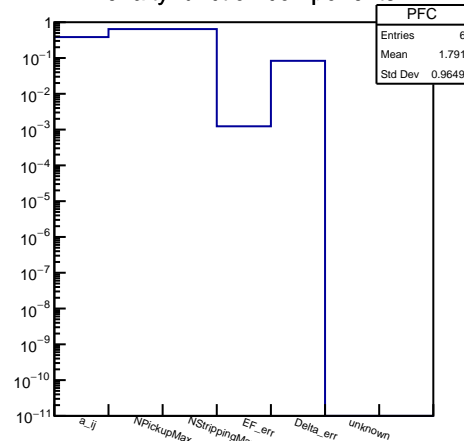
Tr77 norm. pickup



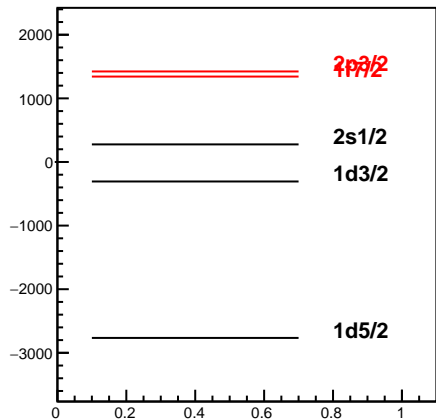
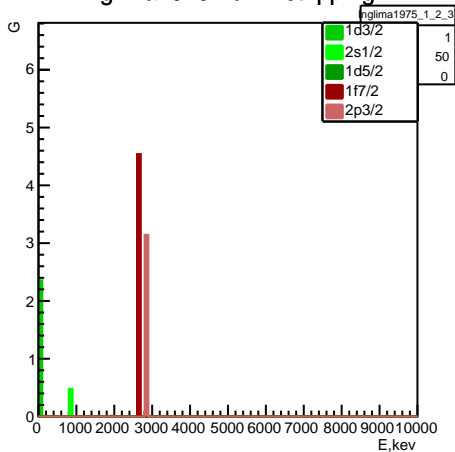
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: Tr77 (5) Inglima1975 (5)

proton transfer_norm

 $n^+ = 1.09167 \pm 0$ $n^- = 2.04311 \pm 0$

penalty: 0.360738

 $E_F: -710.04 \pm 797.128$ keV $\Delta: 3640.24 \pm 1894.09$ keVSPE,keV nlj OCC $\frac{G^+ + G^-}{2J+1}$

276.467 2s1/2 0.6025 0.645

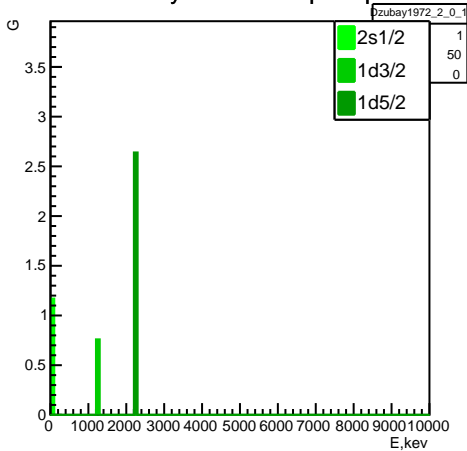
-306.537 1d3/2 0.31625 0.7125

-2765.76 1d5/2 0.738167 0.480333

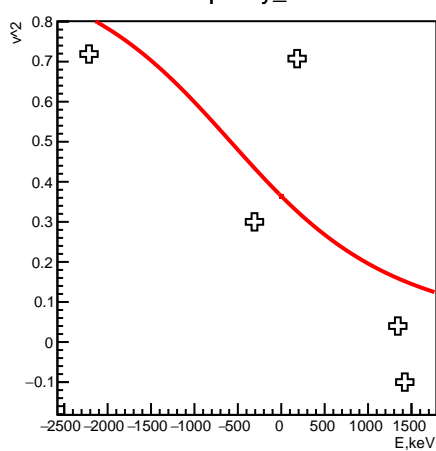
1342.7 1f7/2 0.24 0.52

1423.15 2p3/2 0.14 0.72

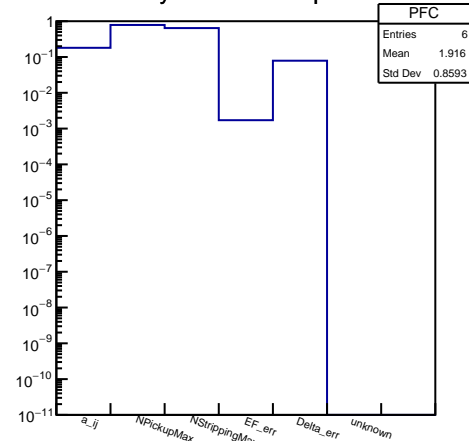
Dzubay1972 norm. pickup



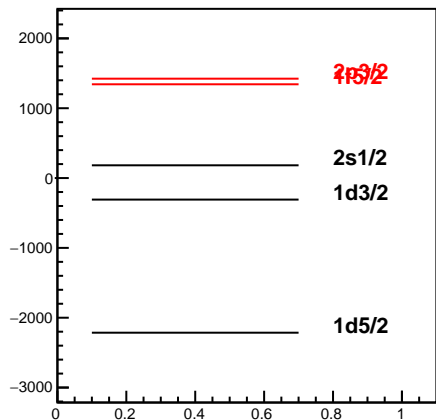
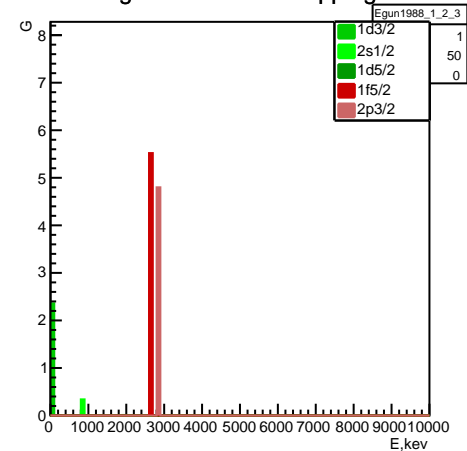
Occupancy_norm



Penalty function components



Egun1988 norm. stripping

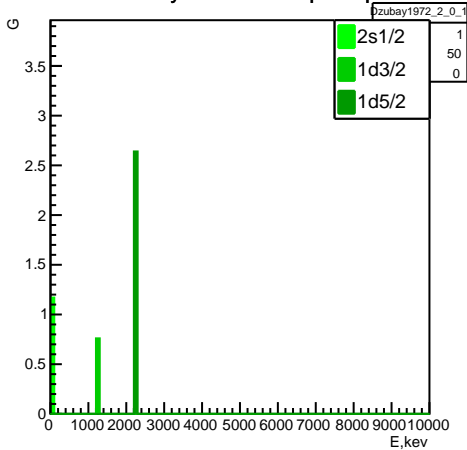


Experiment: Dzubay1972 (3) Egun1988 (5)

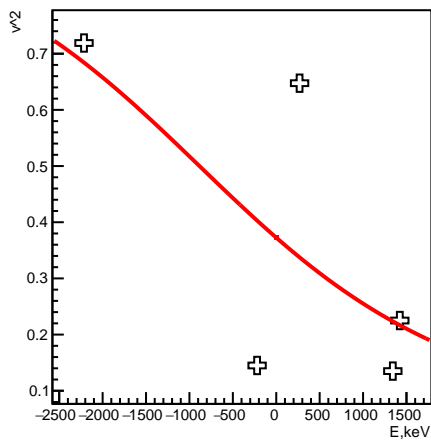
penalty: 0.368814

Normalization was not performed.

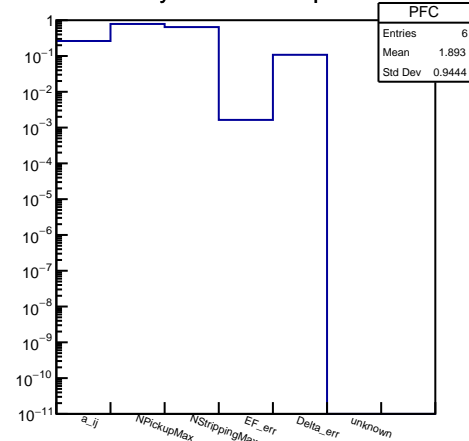
Dzubay1972 norm. pickup



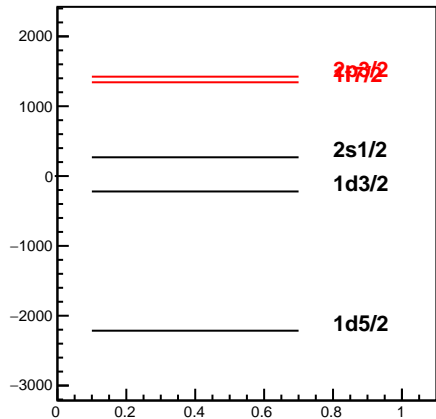
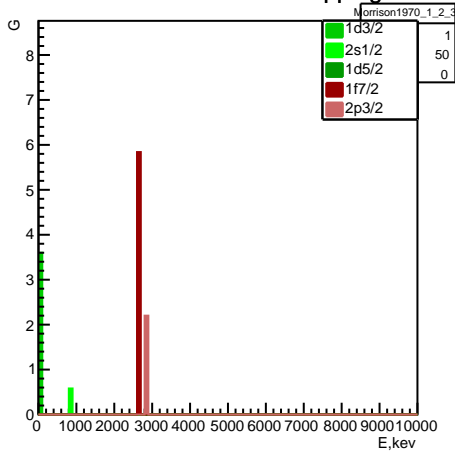
Occupancy_norm



Penalty function components



Morrison1970 norm. stripping

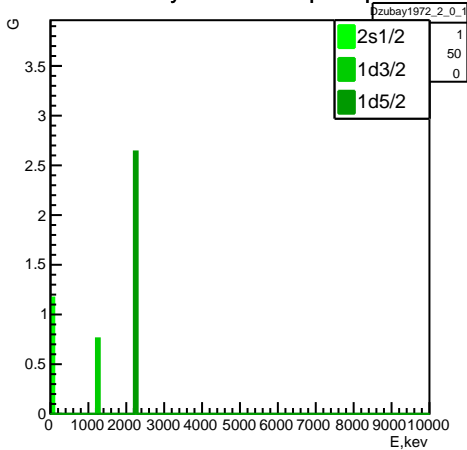


Experiment: Dzubay1972 (3) Morrison1970 (3)

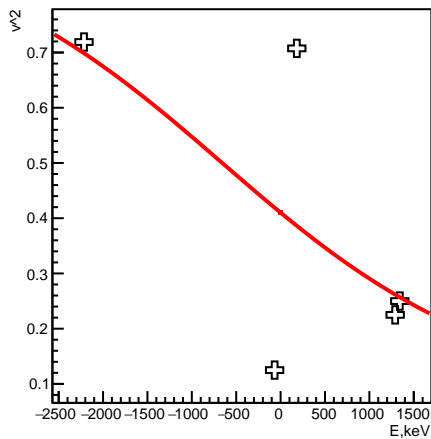
penalty: 0.37254

Normalization was not performed.

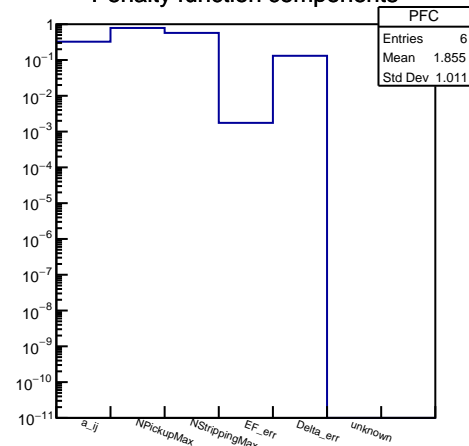
Dzubay1972 norm. pickup



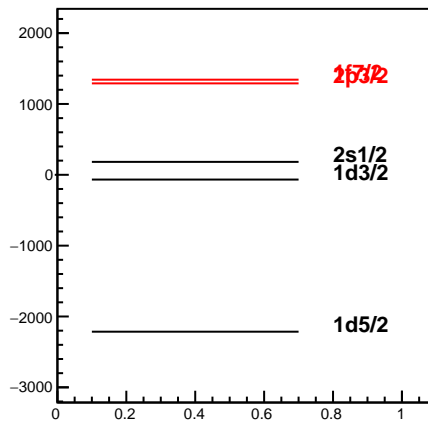
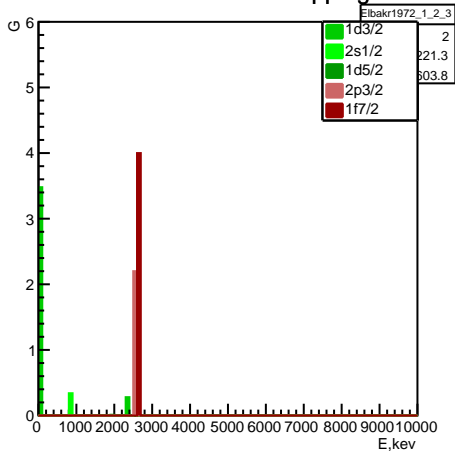
Occupancy_norm



Penalty function components



Elbakra1972 norm. stripping

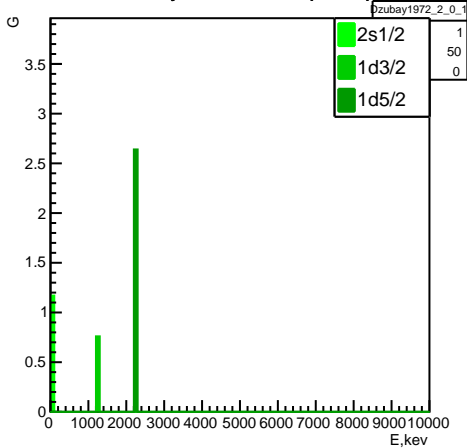


Experiment: Dzubay1972 (3) Elbakra1972 (6)

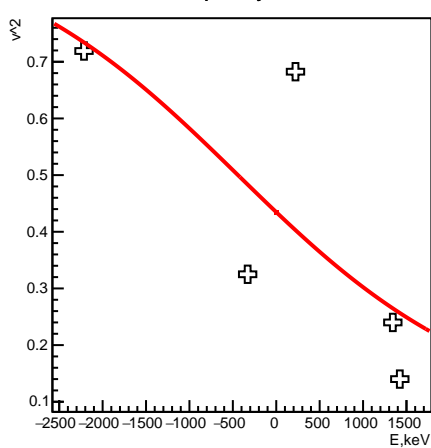
penalty: 0.373263

Normalization was not performed.

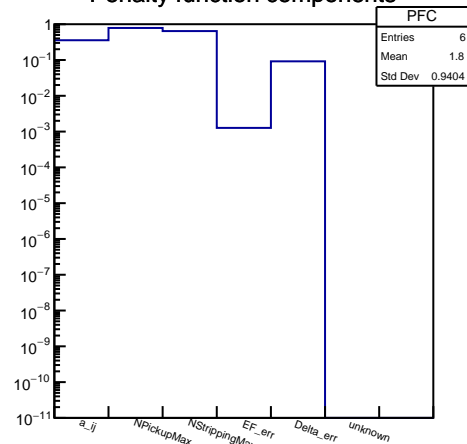
Dzubay1972 norm. pickup



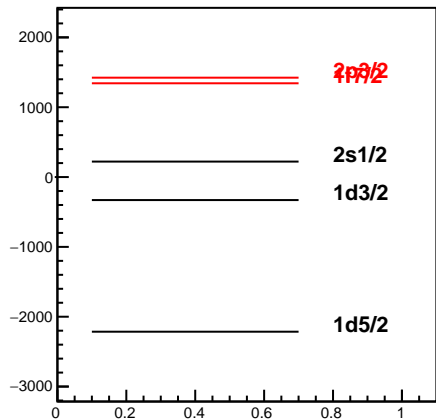
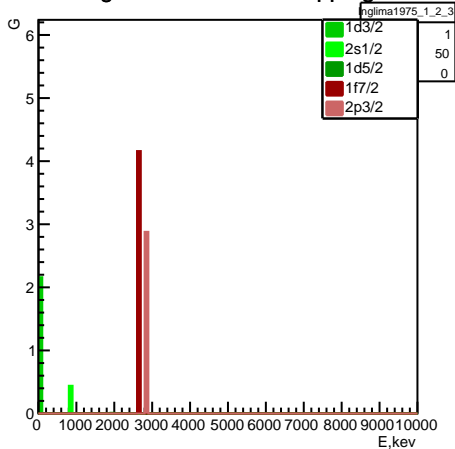
Occupancy_norm



Penalty function components



Inglima1975 norm. stripping



Experiment: Dzubay1972 (3) Inglima1975 (5)

penalty: 0.402648

Normalization was not performed.