

NStrippingMax EF\_err

p separation energy A:13516.9, A+1: 7297.32

Experiment: Jo69 (7) Ve90 (16) proton transfer

E F: -10439.1 ± 333.275 keV

NP<sub>ickupMax</sub>

Δ: 2873.41 ± 281.139 keV

penalty: 0.0572845

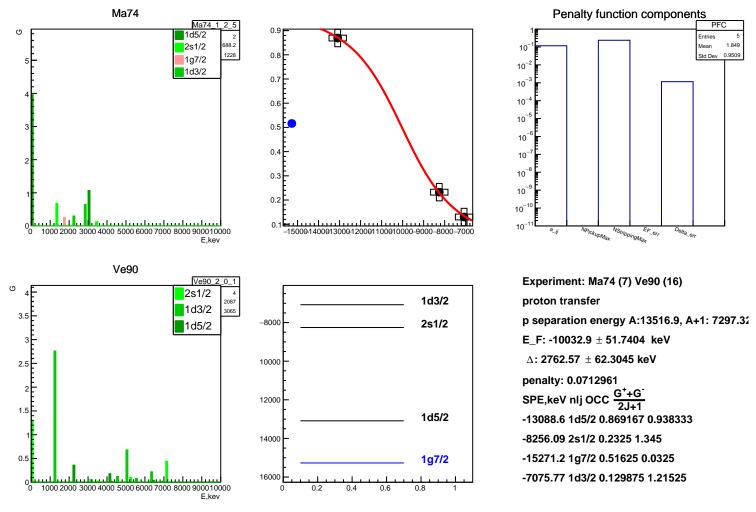
 $10^{-1}$ 

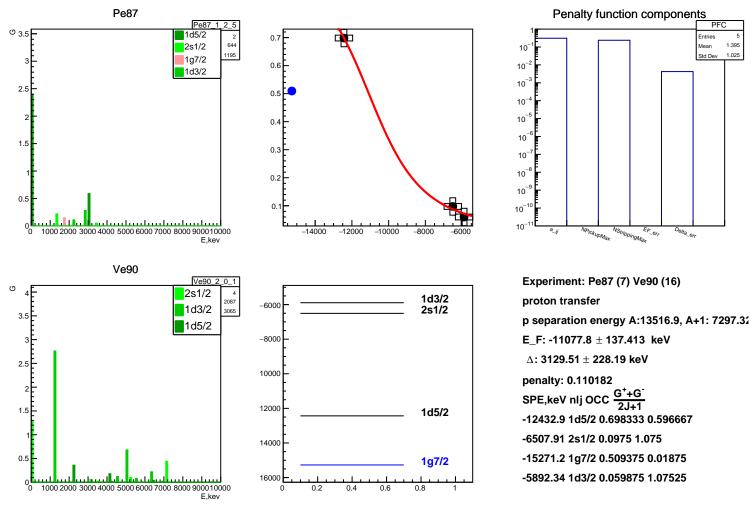
SPE,keV nlj OCC  $\frac{G^++G^-}{2J+1}$ 

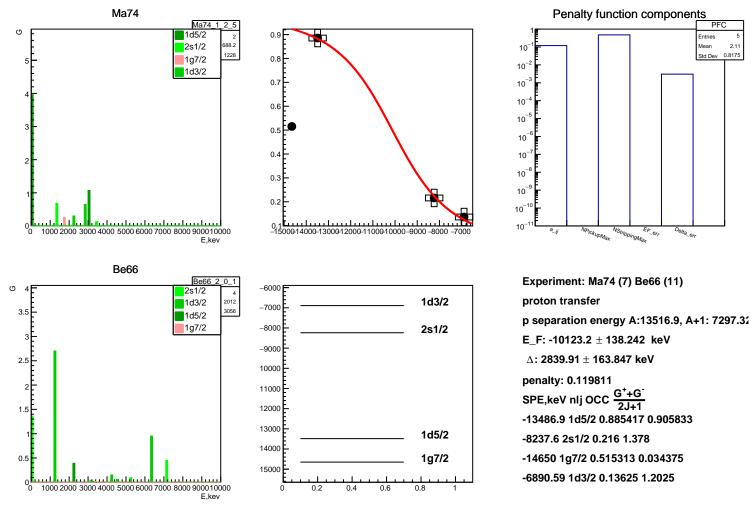
-13458.6 1d5/2 0.860167 0.920333

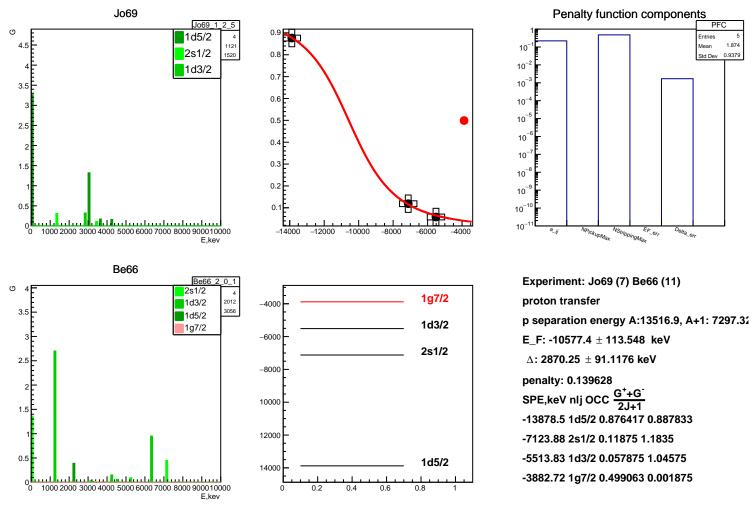
-7113.56 2s1/2 0.13525 1.1505

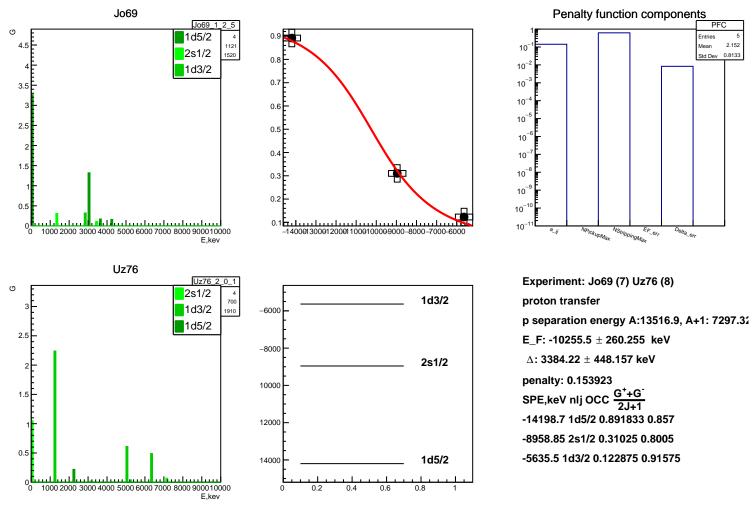
-5743.01 1d3/2 0.0515 1.0585

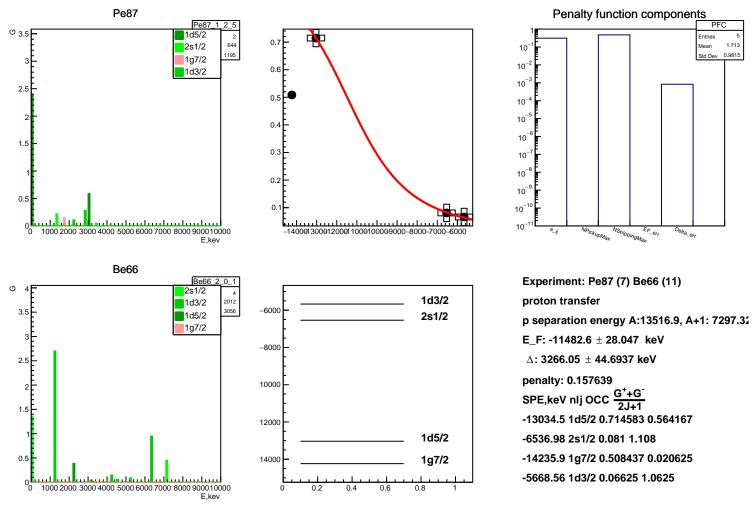


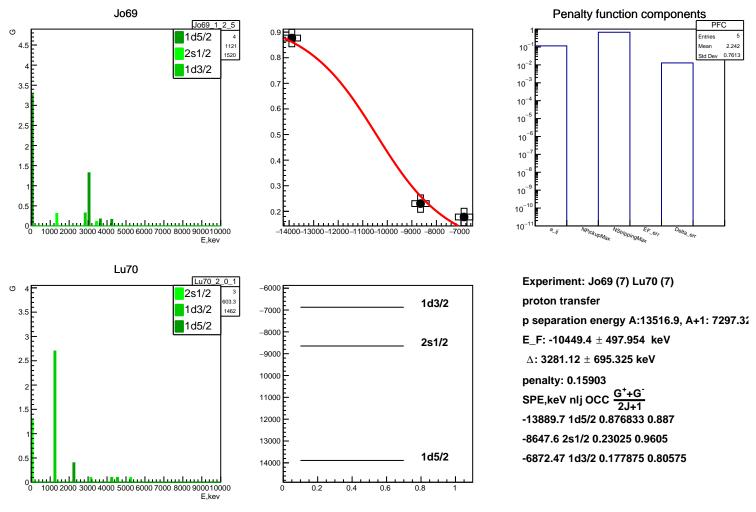


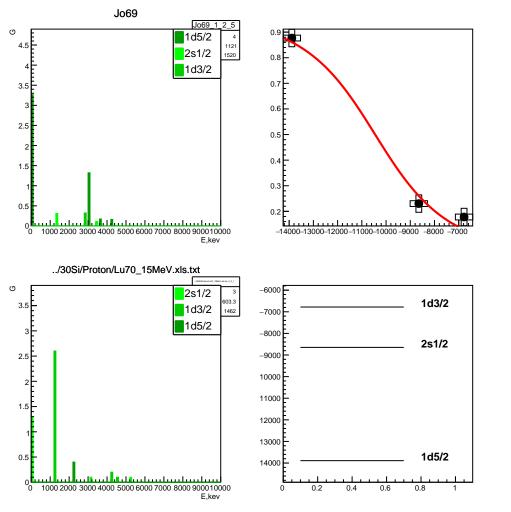


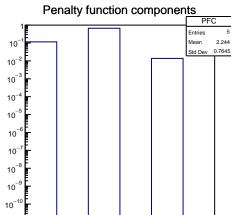












Experiment: Jo69 (7) ../30Si/Proton/Lu70\_15 proton transfer p separation energy A:13516.9, A+1: 7297.32

NStrippingMax EF\_err

E F: -10450.9 ± 528.151 keV

N<sub>PickupMax</sub>

 $\Delta$ : 3298.43  $\pm$  741.635 keV

penalty: 0.159202

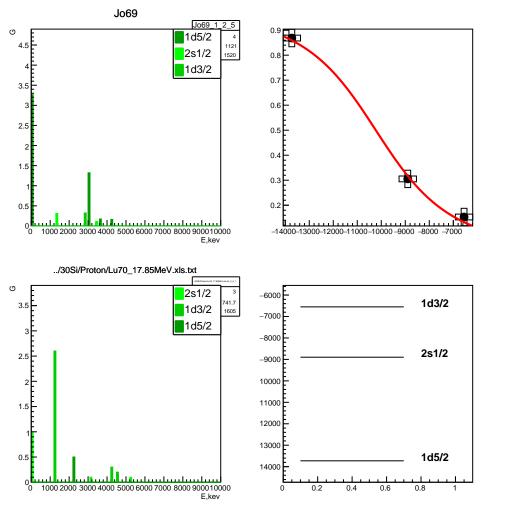
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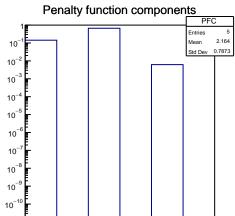
SPE,keV nlj OCC  $\frac{G^++G^-}{2J+1}$ 

-13889.7 1d5/2 0.876833 0.887

-8647.6 2s1/2 0.23025 0.9605

-6779.57 1d3/2 0.177875 0.80575





Experiment: Jo69 (7) ../30Si/Proton/Lu70\_17 proton transfer p separation energy A:13516.9, A+1: 7297.32

NStrippingMax EF\_err

E F: -10228.7 ± 204.025 keV

N<sub>PickupMax</sub>

 $\Delta$ : 3386.93  $\pm$  333.438 keV

penalty: 0.163243

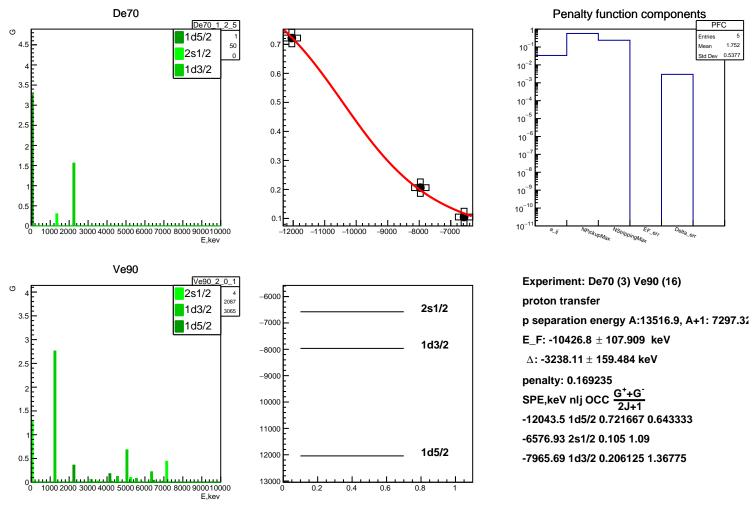
 $10^{-1}$ 

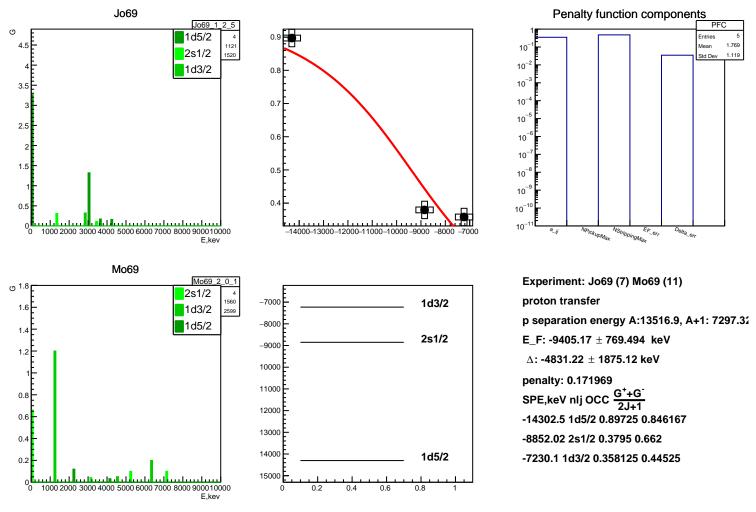
SPE,keV nlj OCC  $\frac{G^++G^-}{2J+1}$ 

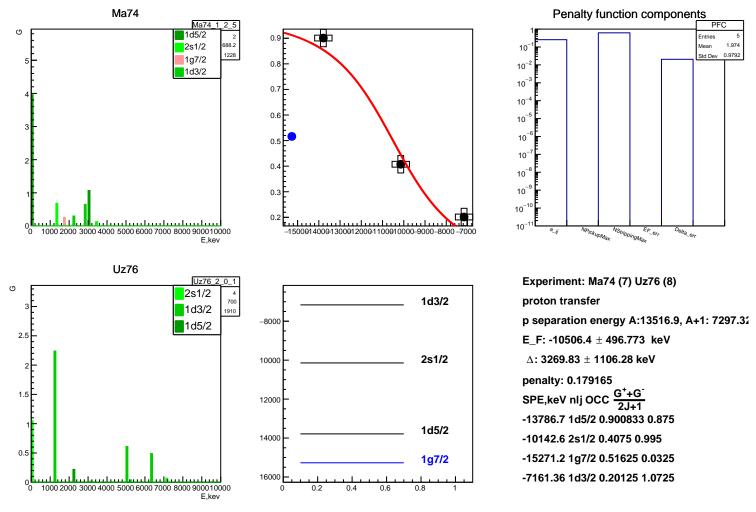
-13727 1d5/2 0.8685 0.903667

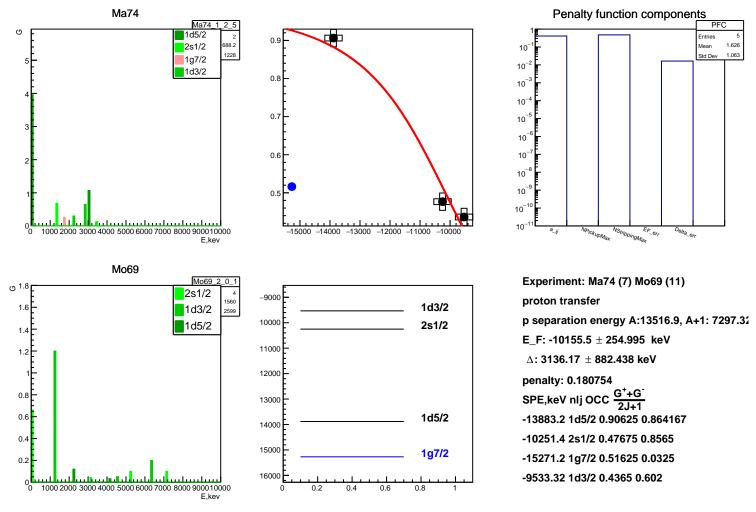
-8897.49 2s1/2 0.30525 0.8105

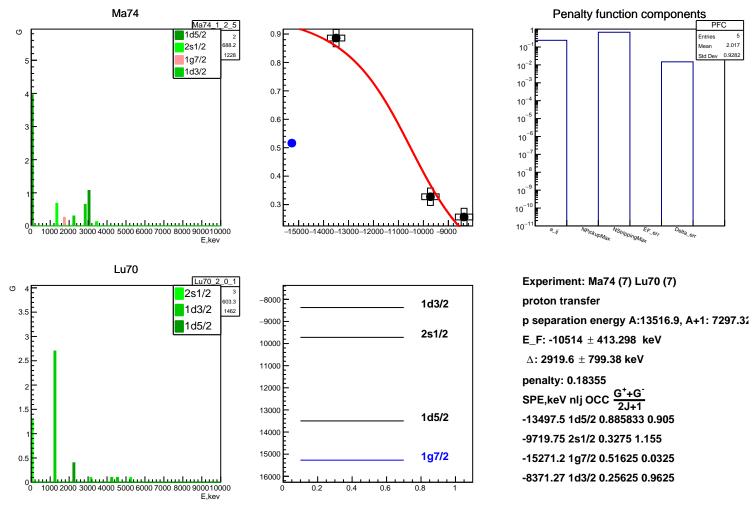
-6551.19 1d3/2 0.152875 0.85575

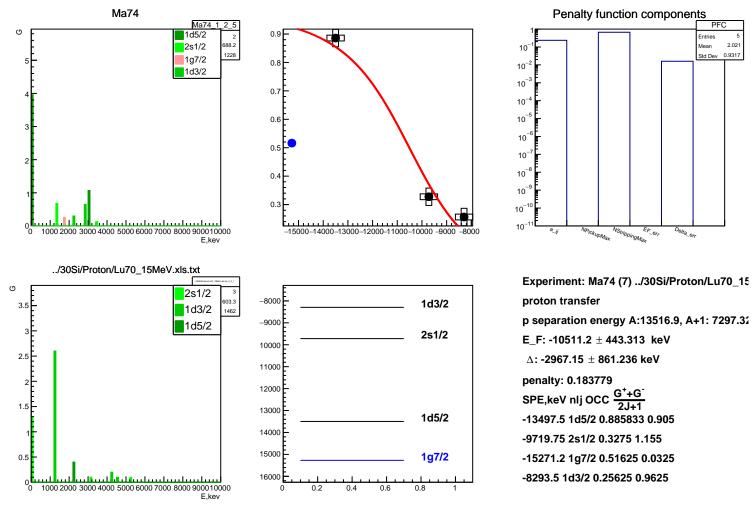


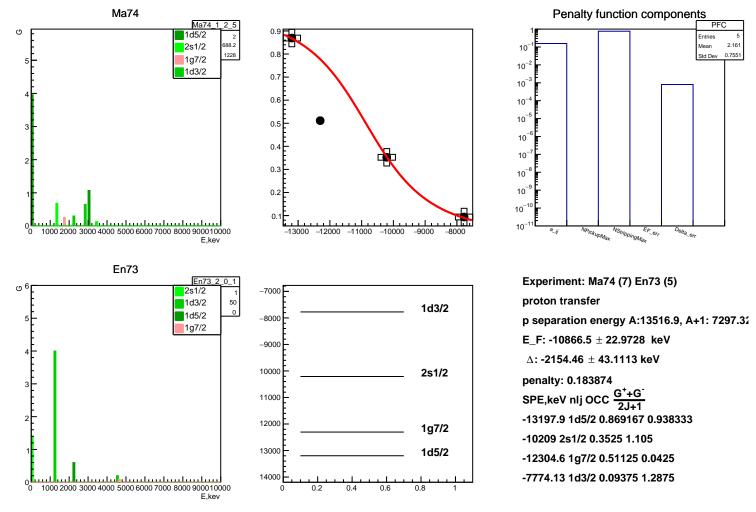


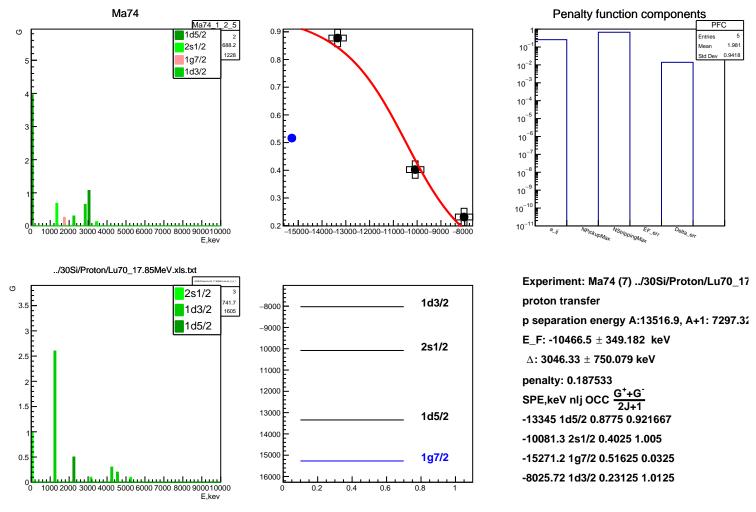


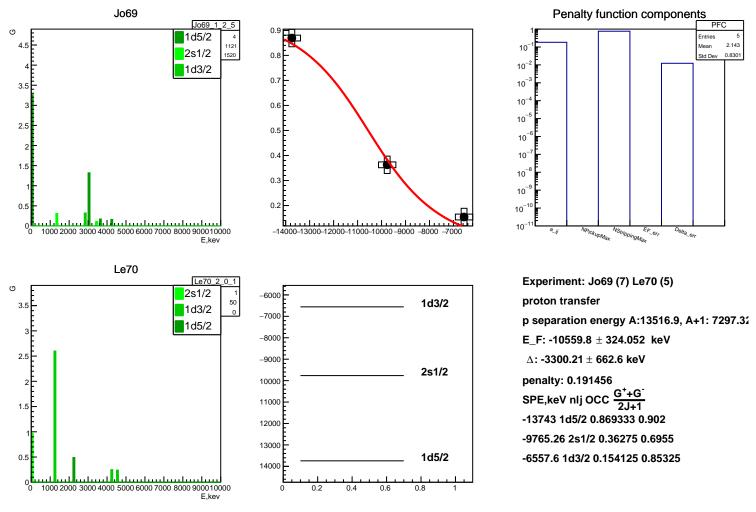


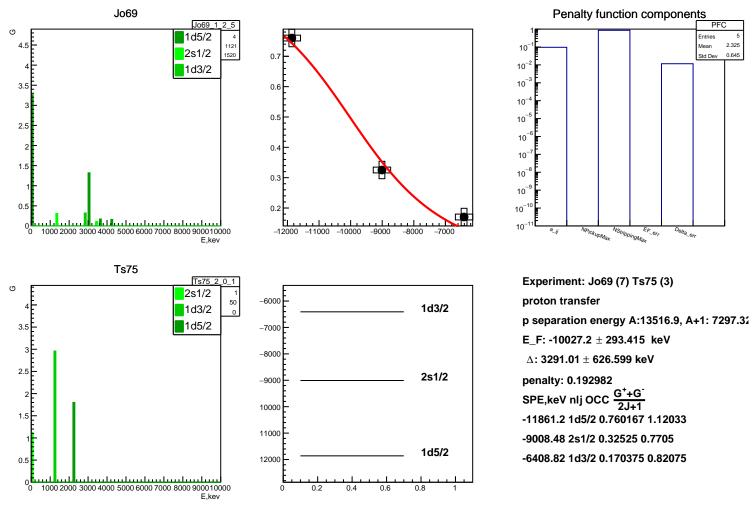


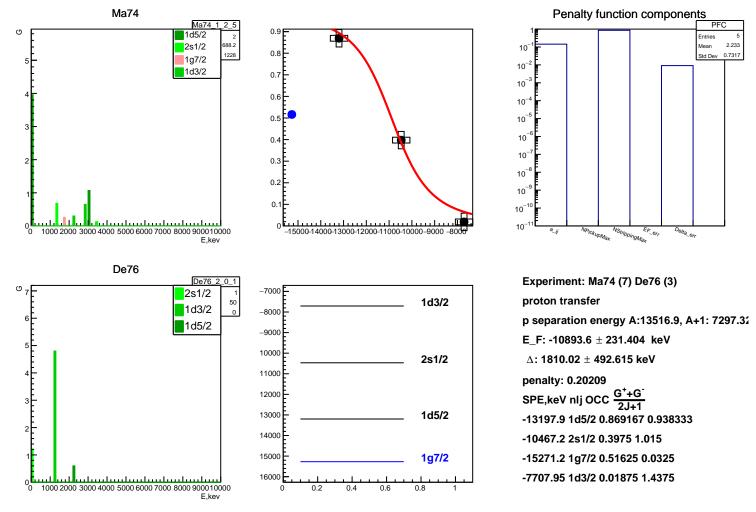


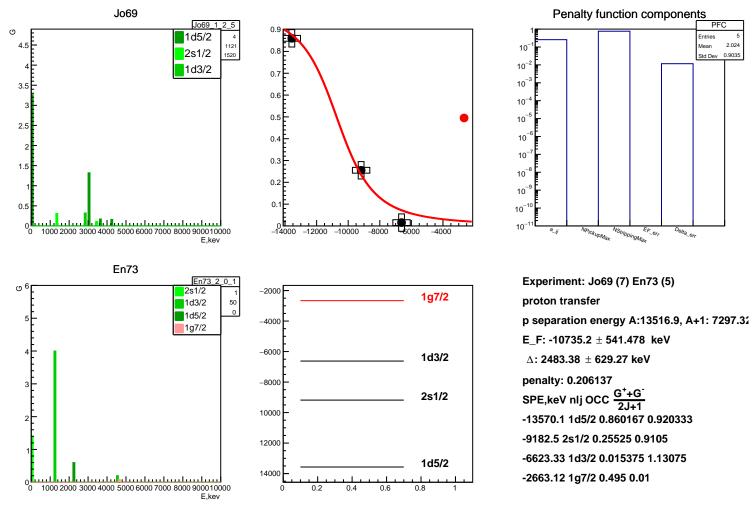


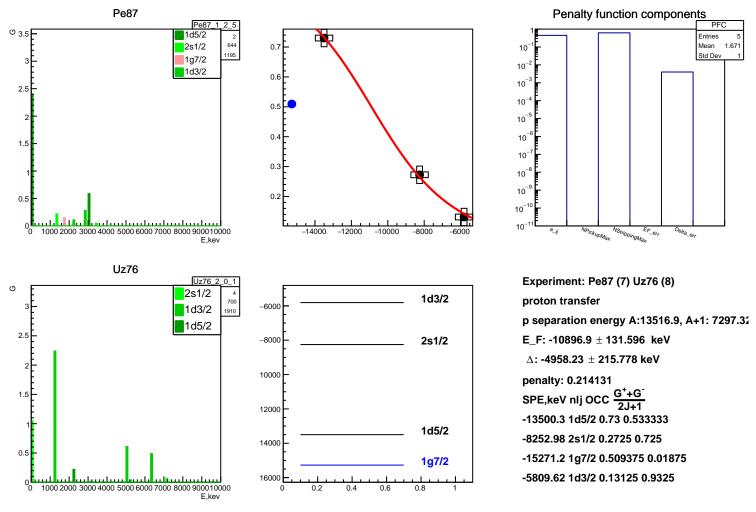


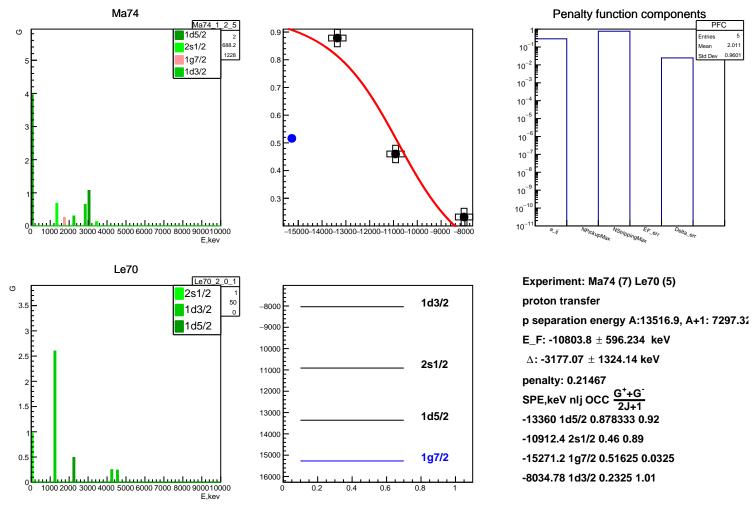


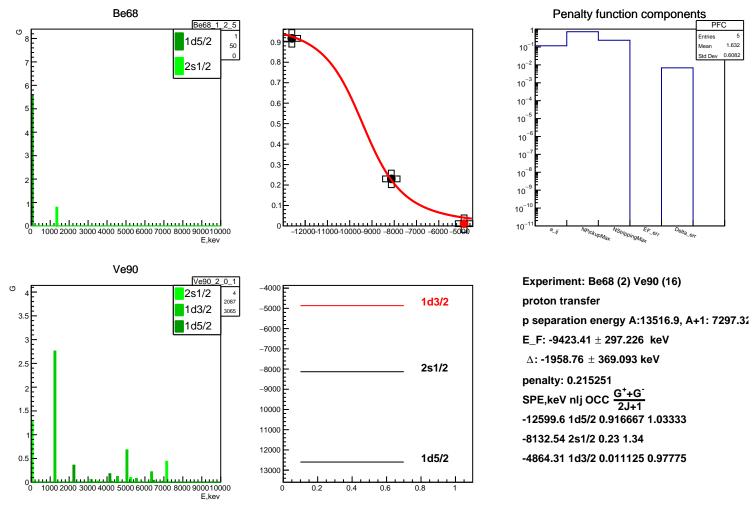


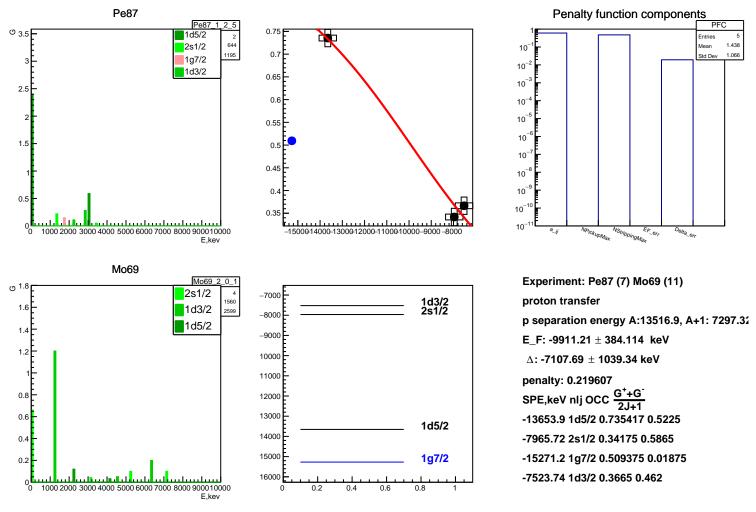


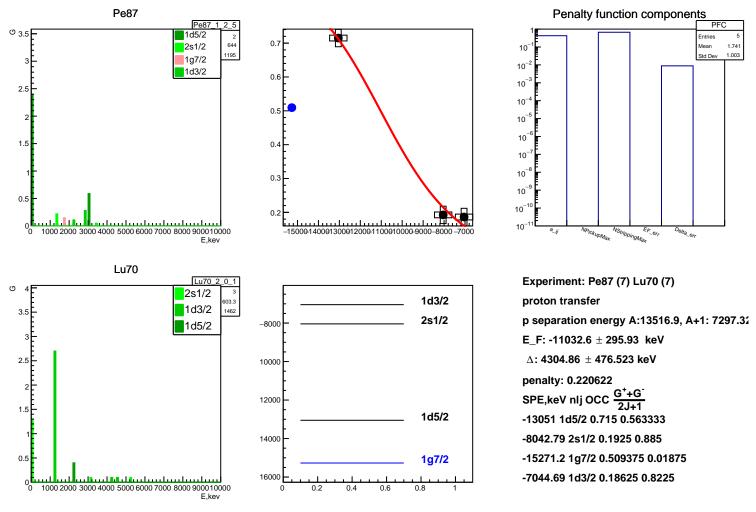


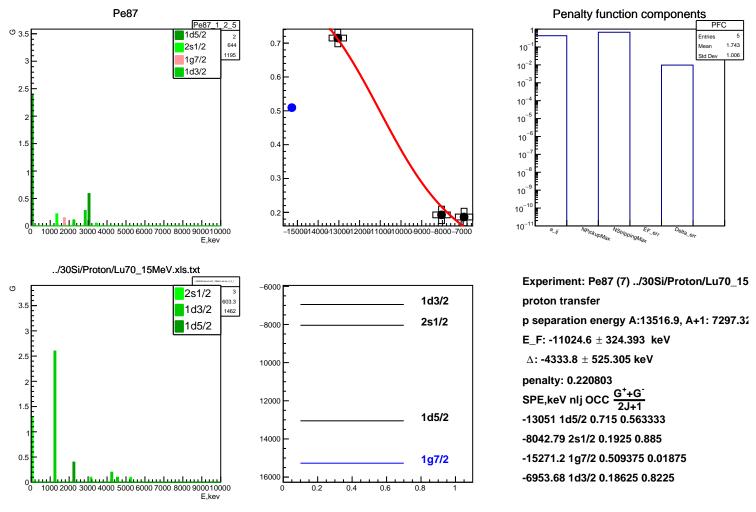


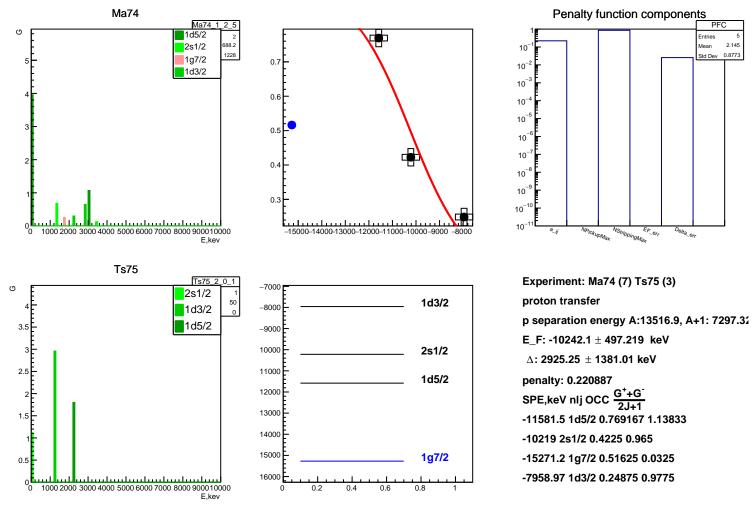


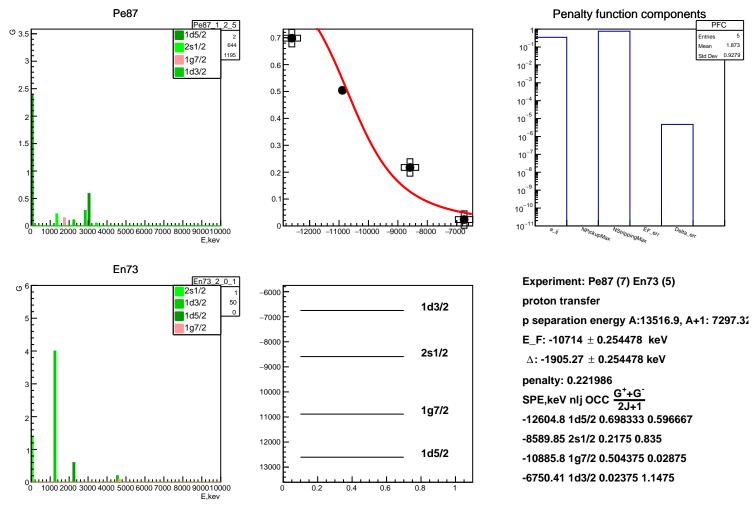


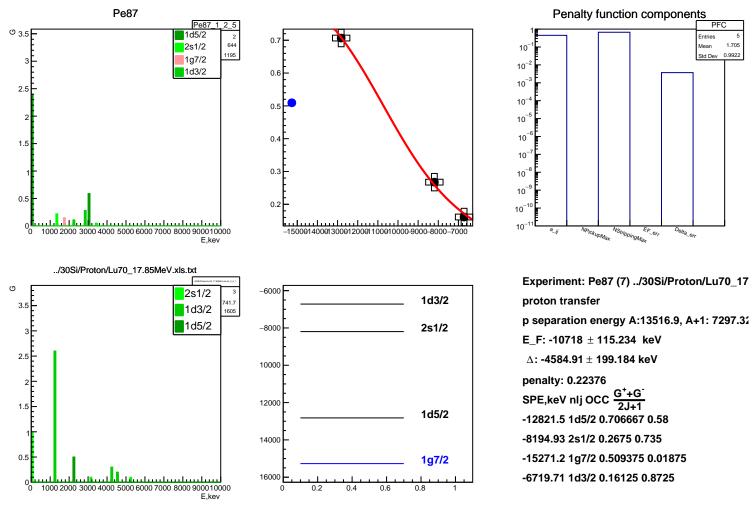


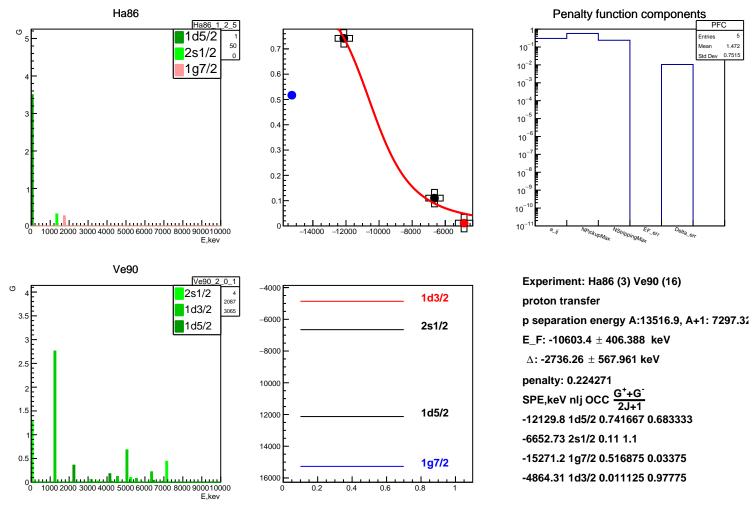


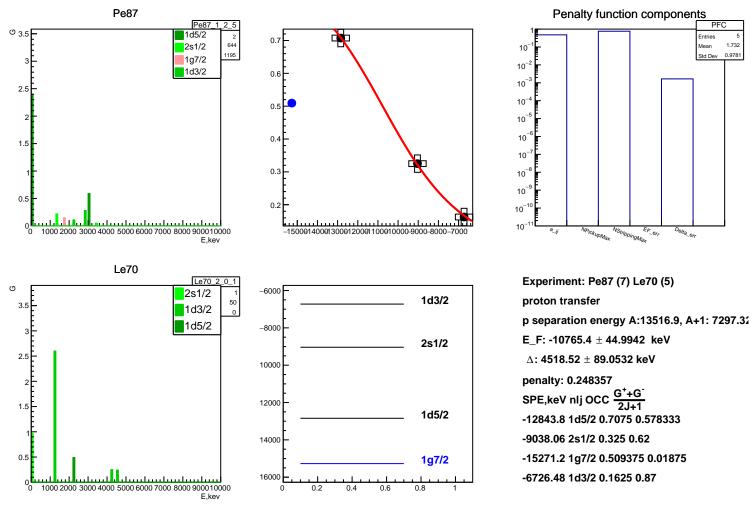


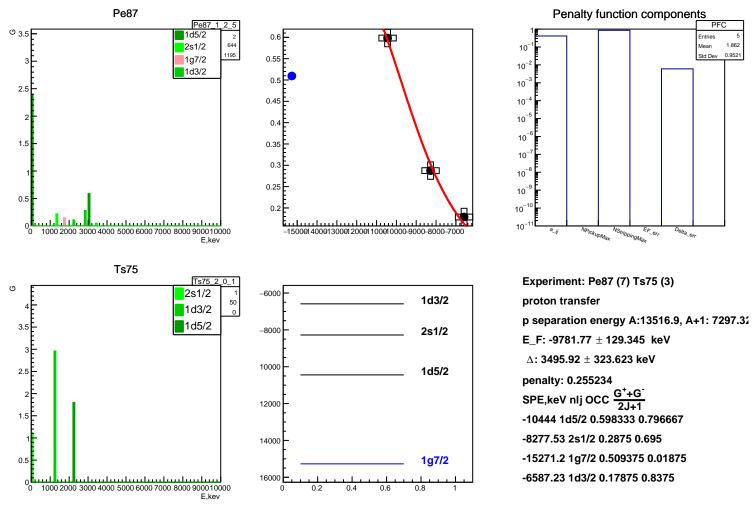


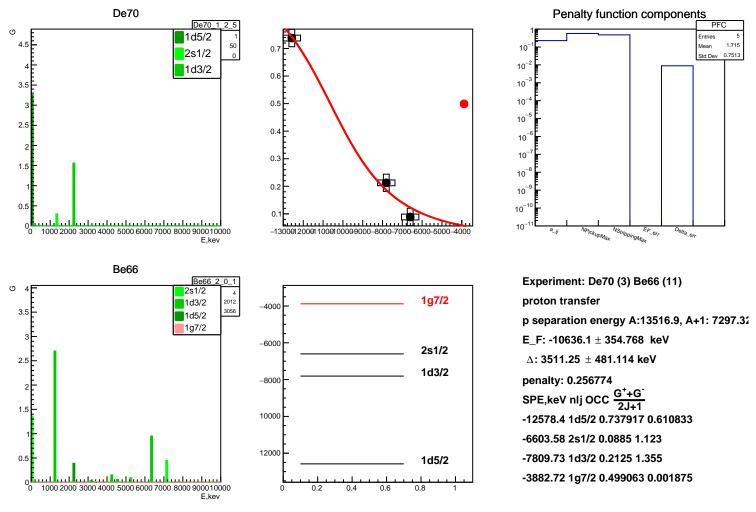


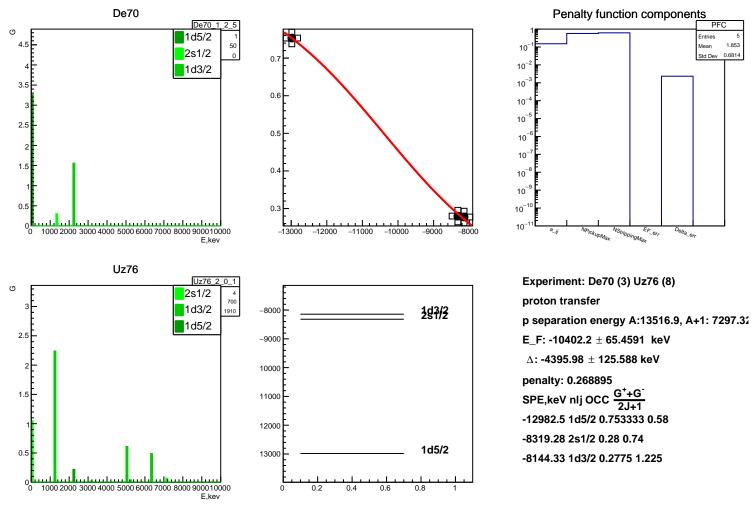


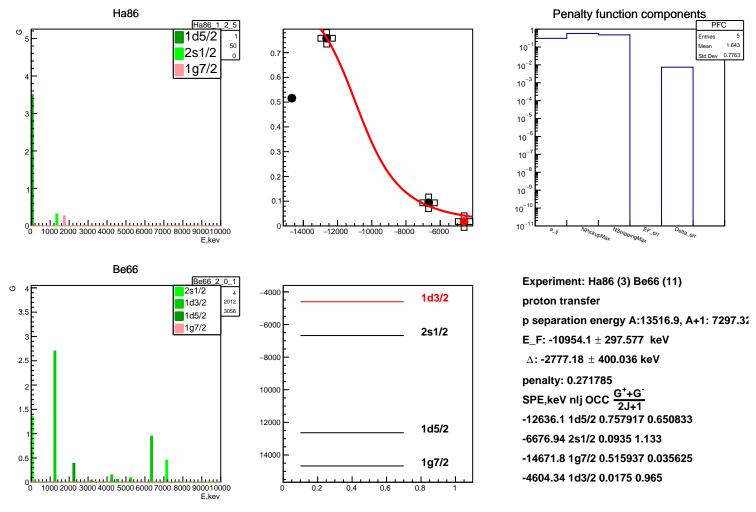


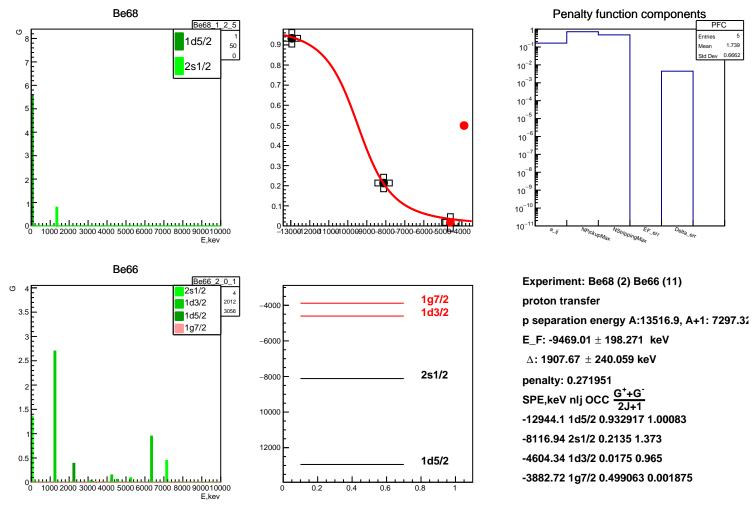


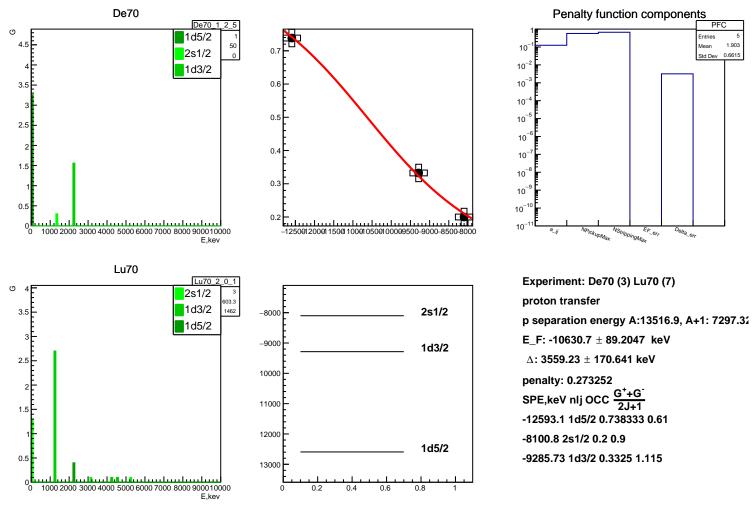


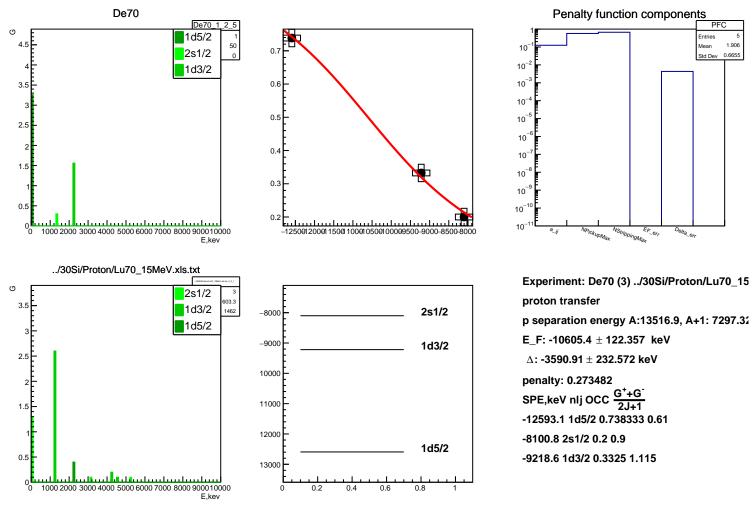


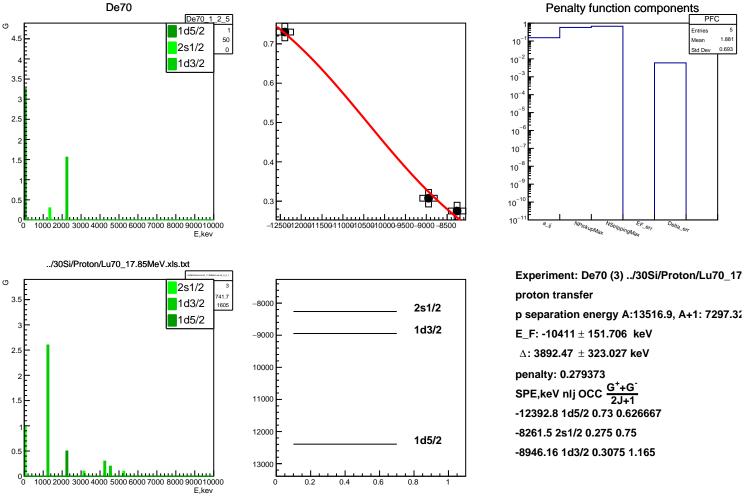












Penalty function components PFC Entries 1.881 Std Dev 0.693

Experiment: De70 (3) ../30Si/Proton/Lu70\_17

EF\_err

E F: -10411 ± 151.706 keV

Δ: 3892.47 ± 323.027 keV

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

-12392.8 1d5/2 0.73 0.626667

-8261.5 2s1/2 0.275 0.75

-8946.16 1d3/2 0.3075 1.165

