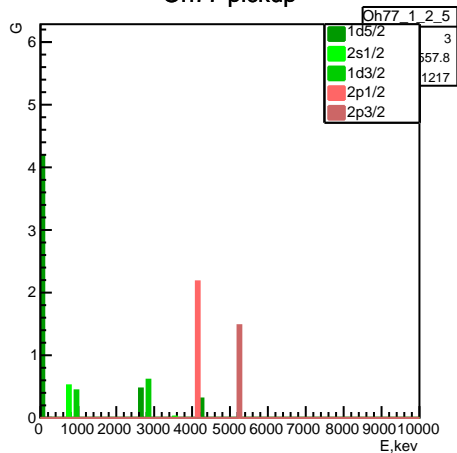
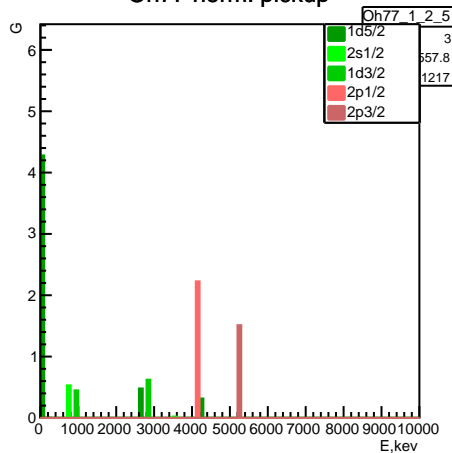


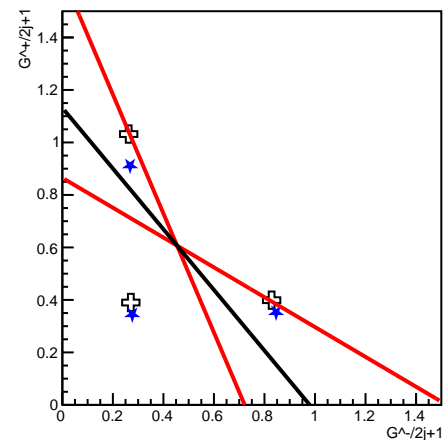
Oh77 pickup



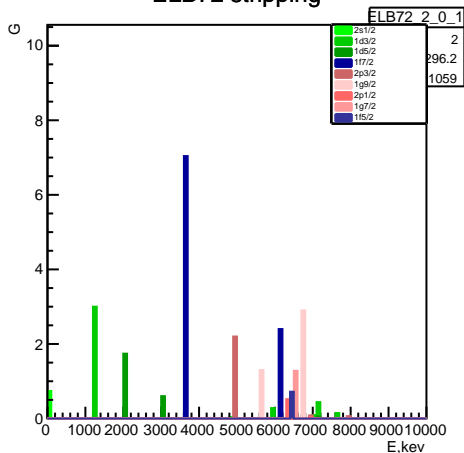
Oh77 norm. pickup



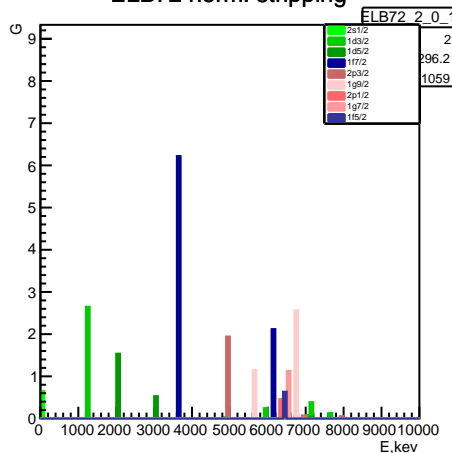
Fit graph



ELB72 stripping



ELB72 norm. stripping



Experiment: Oh77 (9) ELB72 (24)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

1d5/2: $n^+ 0.399 + n^- 0.828333 = 1$

2s1/2: $n^+ 0.39 + n^- 0.271 = 1$

1d3/2: $n^+ 1.032 + n^- 0.2625 = 1$

Normalization of 3 subshells result:

$n^+ = 0.883621 \pm 0$ (for stripping)

$n^- = 1.02136 \pm 0$ (for pick-up)

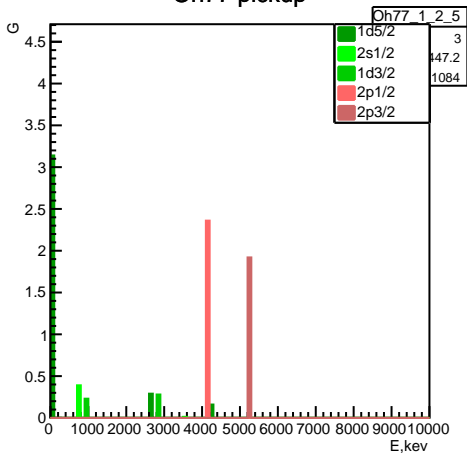
1d5/2 G^+, G^- : 2.394->2.11539 4.97->5.07618

2s1/2 G^+, G^- : 0.78->0.689224 0.542->0.553579

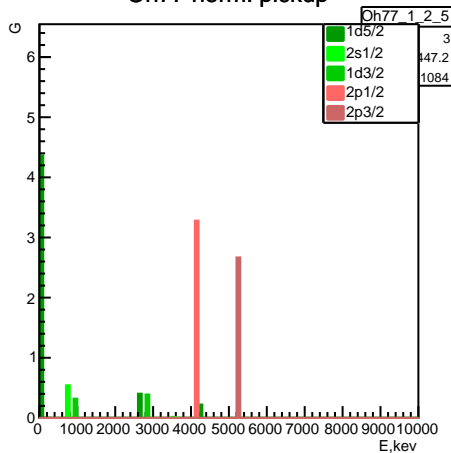
1d3/2 G^+, G^- : 4.128->3.64759 1.05->1.07243

2p1/2 G^+, G^- : 0.568->0.501897 2.18->2.22657

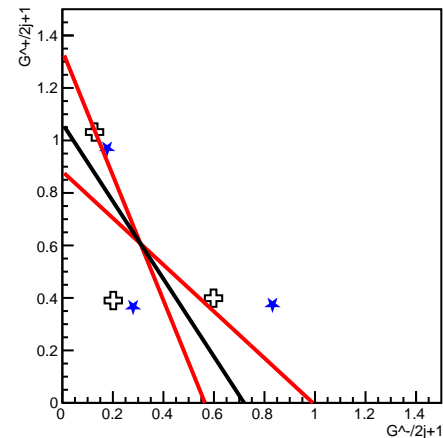
Oh77 pickup



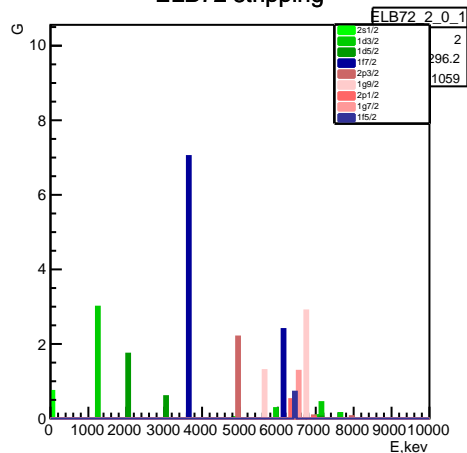
Oh77 norm. pickup



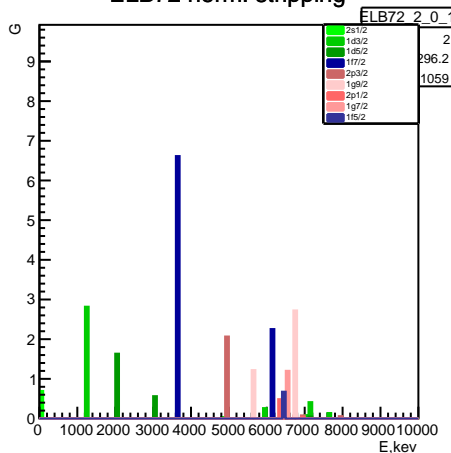
Fit graph



ELB72 stripping



ELB72 norm. stripping



Experiment: Oh77 (9) ELB72 (24)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.399 + n^- 0.598333 = 1$$

$$2s1/2: n^+ 0.39 + n^- 0.2015 = 1$$

$$1d3/2: n^+ 1.032 + n^- 0.1275 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.939636 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.38992 \pm 0 \text{ (for pick-up)}$$

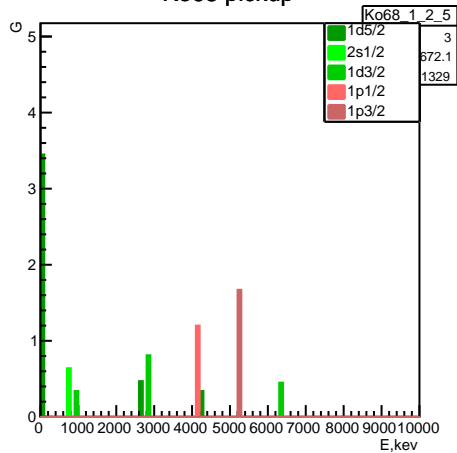
$$1d5/2 \text{ } G^+, G^-: 2.394 \rightarrow 2.24949 \text{ } 3.59 \rightarrow 4.98983$$

$$2s1/2 \text{ } G^+, G^-: 0.78 \rightarrow 0.732916 \text{ } 0.403 \rightarrow 0.56014$$

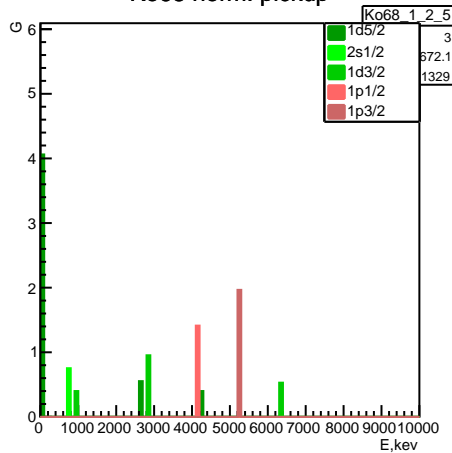
$$1d3/2 \text{ } G^+, G^-: 4.128 \rightarrow 3.87882 \text{ } 0.51 \rightarrow 0.708861$$

$$2p1/2 \text{ } G^+, G^-: 0.568 \rightarrow 0.533713 \text{ } 2.36 \rightarrow 3.28022$$

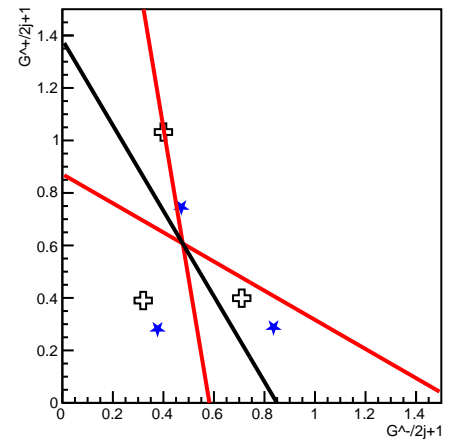
Ko68 pickup



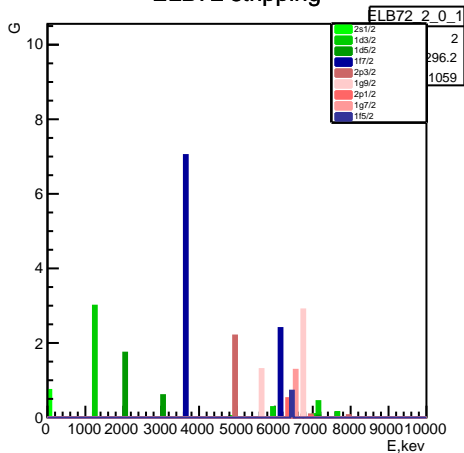
Ko68 norm. pickup



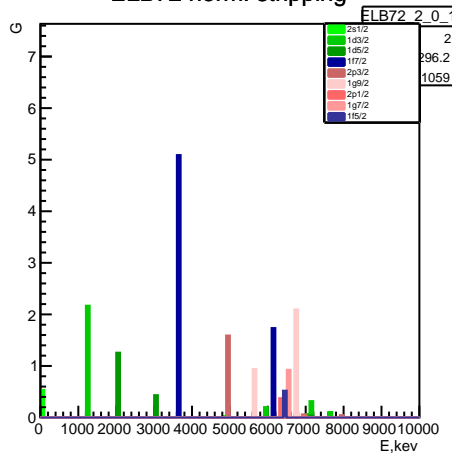
Fit graph



ELB72 stripping



ELB72 norm. stripping



Experiment: Ko68 (9) ELB72 (24)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$1d5/2: n^+ 0.399 + n^- 0.71 = 1$

$2s1/2: n^+ 0.39 + n^- 0.32 = 1$

$1d3/2: n^+ 1.032 + n^- 0.4 = 1$

Normalization of 3 subshells result:

$n^+ = 0.722953 \pm 0$ (for stripping)

$n^- = 1.17727 \pm 0$ (for pick-up)

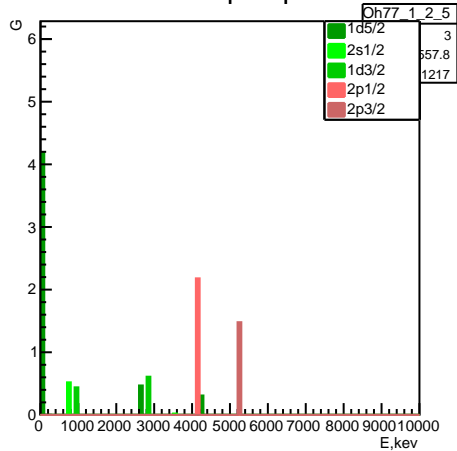
$1d5/2 \ G^+, G^-: 2.394 \rightarrow 1.73075 \ 4.26 \rightarrow 5.01519$

$2s1/2 \ G^+, G^-: 0.78 \rightarrow 0.563904 \ 0.64 \rightarrow 0.753455$

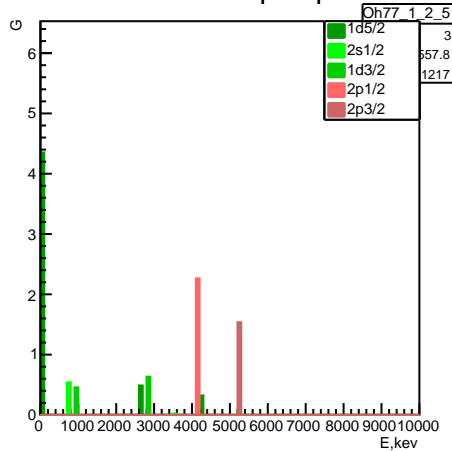
$1d3/2 \ G^+, G^-: 4.128 \rightarrow 2.98435 \ 1.6 \rightarrow 1.88364$

$1p1/2 \ G^+, G^-: 4.66732e-310 \rightarrow 3.37426e-310 \ 1.2$

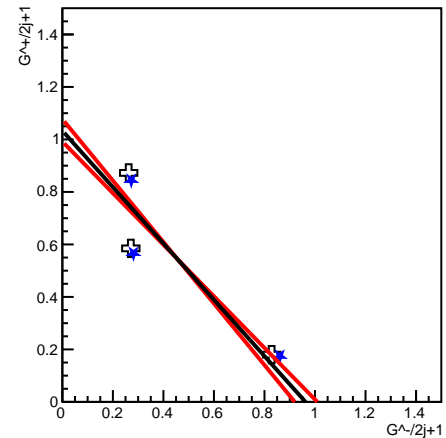
Oh77 pickup



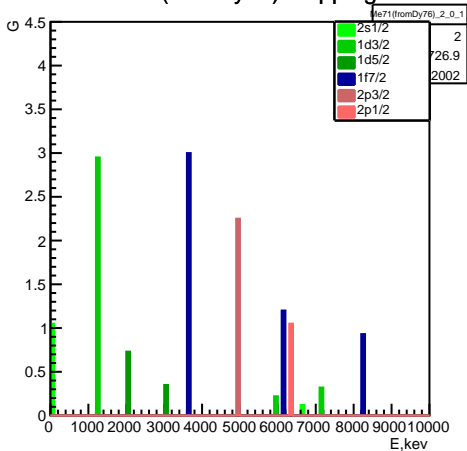
Oh77 norm. pickup



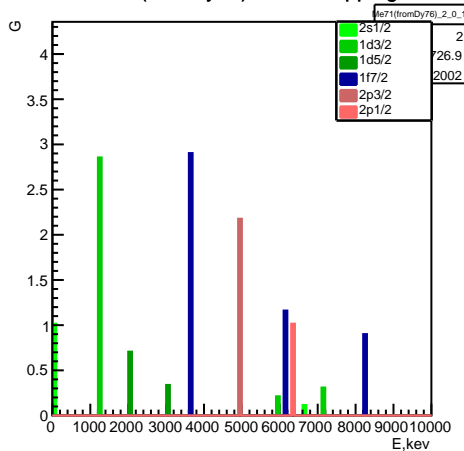
Fit graph



Me71(fromDy76) stripping



Me71(fromDy76) norm. stripping



Experiment: Oh77 (9) Me71(fromDy76) (12)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.18 + n^- 0.828333 = 1$$

$$2s1/2: n^+ 0.585 + n^- 0.271 = 1$$

$$1d3/2: n^+ 0.8725 + n^- 0.2625 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.968062 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.03889 \pm 0 \text{ (for pick-up)}$$

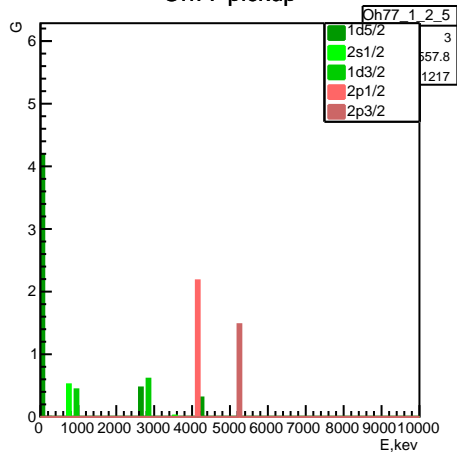
$$1d5/2 \text{ } G^+, G^-: 1.08 \rightarrow 1.04551 \text{ } 4.97 \rightarrow 5.1633$$

$$2s1/2 \text{ } G^+, G^-: 1.17 \rightarrow 1.13263 \text{ } 0.542 \rightarrow 0.56308$$

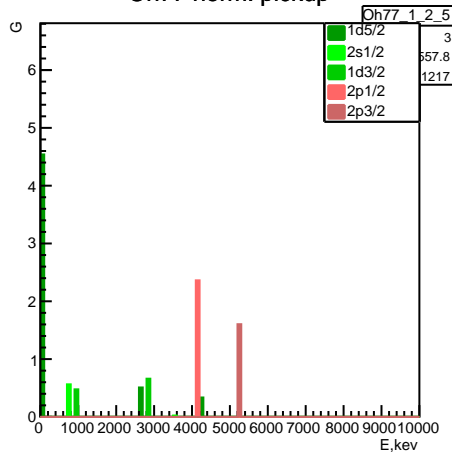
$$1d3/2 \text{ } G^+, G^-: 3.49 \rightarrow 3.37853 \text{ } 1.05 \rightarrow 1.09084$$

$$2p1/2 \text{ } G^+, G^-: 1.05 \rightarrow 1.01646 \text{ } 2.18 \rightarrow 2.26479$$

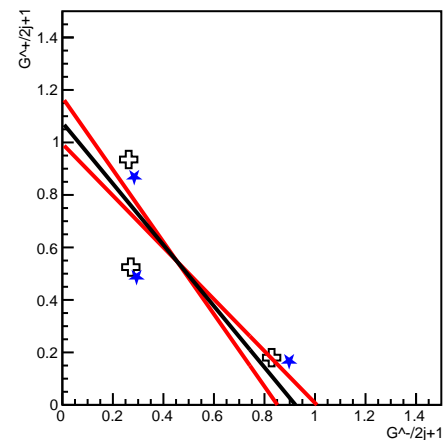
Oh77 pickup



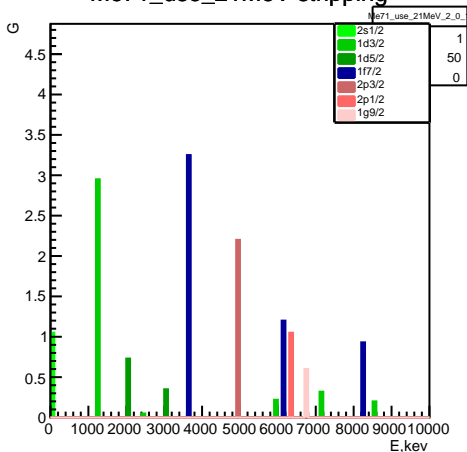
Oh77 norm. pickup



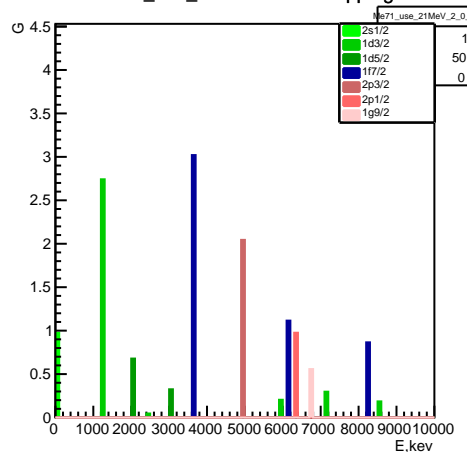
Fit graph



Me71_use_21MeV stripping



Me71_use_21MeV norm. stripping



Experiment: Oh77 (9) Me71_use_21MeV (14)

$n^{+}G^{++} + n^{-}G^{*-} = 1$ equations:

$$1d5/2: n^{+} 0.18 + n^{-} 0.828333 = 1$$

$$2s1/2: n^{+} 0.525 + n^{-} 0.271 = 1$$

$$1d3/2: n^{+} 0.935 + n^{-} 0.2625 = 1$$

Normalization of 3 subshells result:

$$n^{+} = 0.929439 \pm 0 \text{ (for stripping)}$$

$$n^{-} = 1.08363 \pm 0 \text{ (for pick-up)}$$

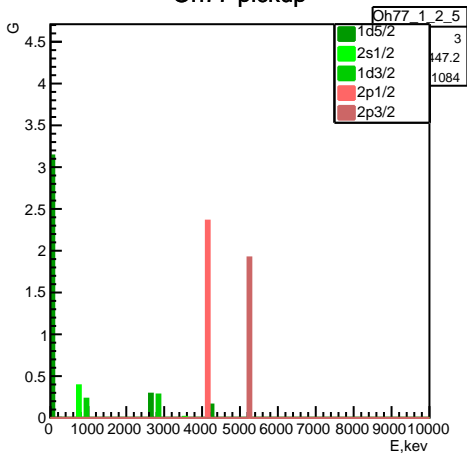
$$1d5/2 \ G^{+}, G^{-}: 1.08 \rightarrow 1.00379 \ 4.97 \rightarrow 5.38563$$

$$2s1/2 \ G^{+}, G^{-}: 1.05 \rightarrow 0.975911 \ 0.542 \rightarrow 0.587326$$

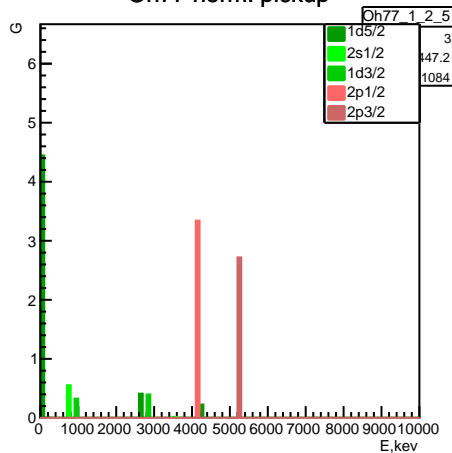
$$1d3/2 \ G^{+}, G^{-}: 3.74 \rightarrow 3.4761 \ 1.05 \rightarrow 1.13781$$

$$2p1/2 \ G^{+}, G^{-}: 1.05 \rightarrow 0.975911 \ 2.18 \rightarrow 2.36231$$

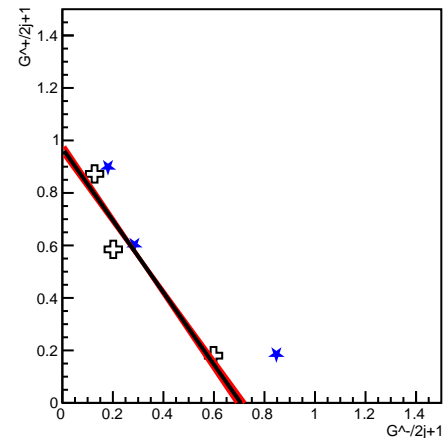
Oh77 pickup



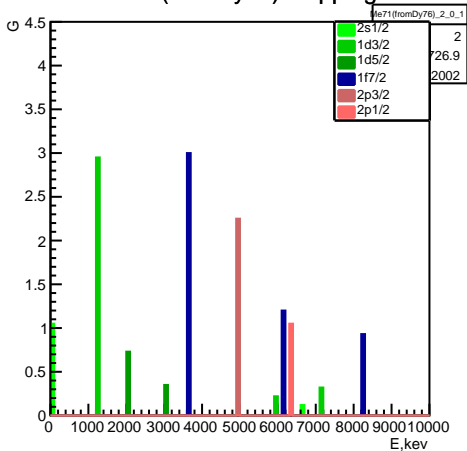
Oh77 norm. pickup



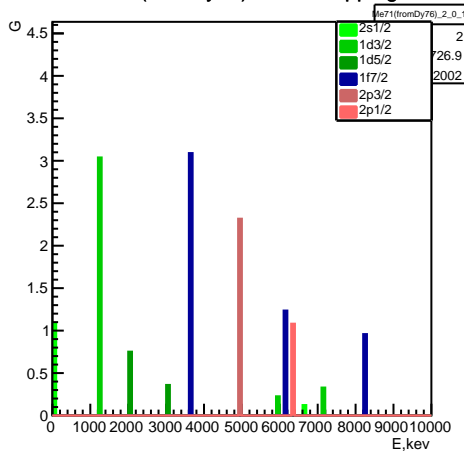
Fit graph



Me71(fromDy76) stripping



Me71(fromDy76) norm. stripping



Experiment: Oh77 (9) Me71(fromDy76) (12)

$n^+G^{++} + n^-G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.18 + n^- 0.598333 = 1$$

$$2s1/2: n^+ 0.585 + n^- 0.2015 = 1$$

$$1d3/2: n^+ 0.8725 + n^- 0.1275 = 1$$

Normalization of 3 subshells result:

$$n^+ = 1.03027 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.41582 \pm 0 \text{ (for pick-up)}$$

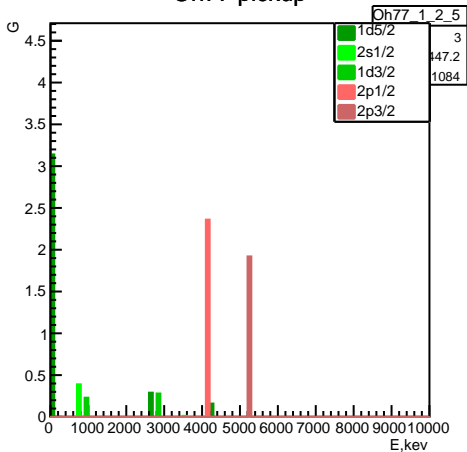
$$1d5/2 \ G^+, G^-: 1.08 \rightarrow 1.11269 \ 3.59 \rightarrow 5.08278$$

$$2s1/2 \ G^+, G^-: 1.17 \rightarrow 1.20542 \ 0.403 \rightarrow 0.570574$$

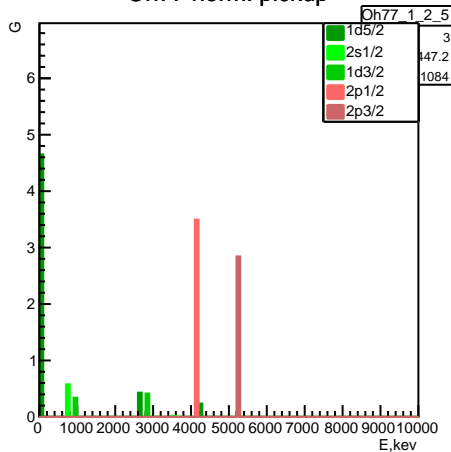
$$1d3/2 \ G^+, G^-: 3.49 \rightarrow 3.59564 \ 0.51 \rightarrow 0.722067$$

$$2p1/2 \ G^+, G^-: 1.05 \rightarrow 1.08178 \ 2.36 \rightarrow 3.34133$$

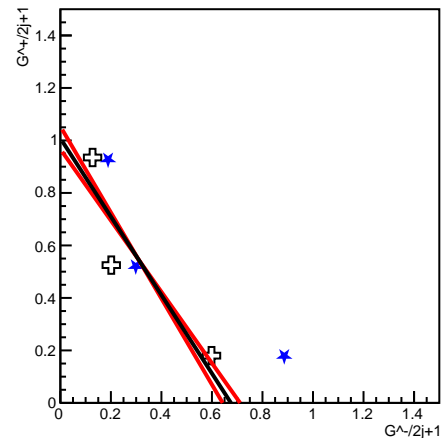
Oh77 pickup



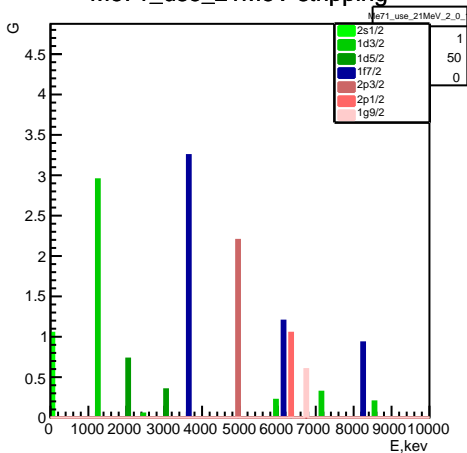
Oh77 norm. pickup



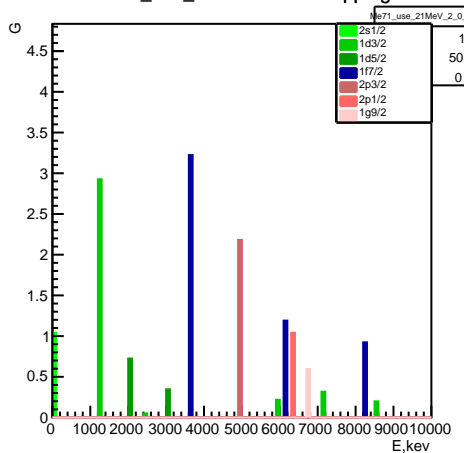
Fit graph



Me71_use_21MeV stripping



Me71_use_21MeV norm. stripping



Experiment: Oh77 (9) Me71_use_21MeV (14)

$n^+G^{*+} + n^-G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.18 + n^- 0.598333 = 1$$

$$2s1/2: n^+ 0.525 + n^- 0.2015 = 1$$

$$1d3/2: n^+ 0.935 + n^- 0.1275 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.991787 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.4811 \pm 0 \text{ (for pick-up)}$$

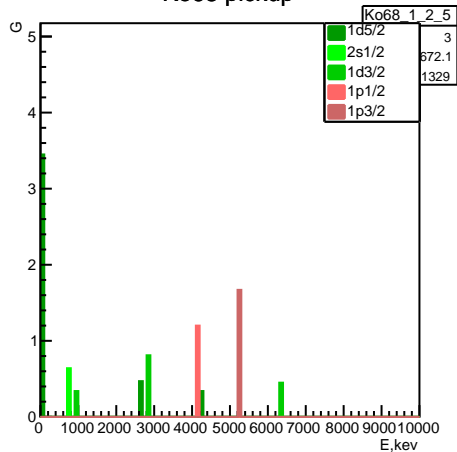
$$1d5/2 \text{ } G^+, G^-: 1.08 \rightarrow 1.07113 \text{ } 3.59 \rightarrow 5.31713$$

$$2s1/2 \text{ } G^+, G^-: 1.05 \rightarrow 1.04138 \text{ } 0.403 \rightarrow 0.596882$$

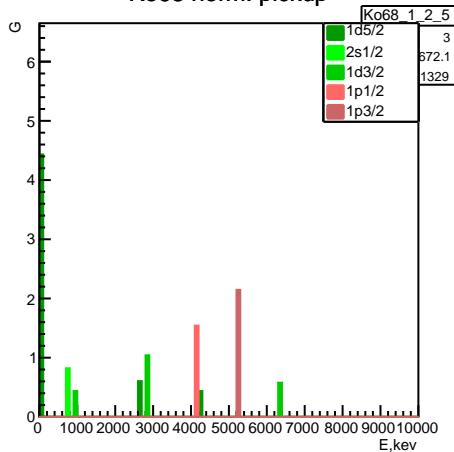
$$1d3/2 \text{ } G^+, G^-: 3.74 \rightarrow 3.70928 \text{ } 0.51 \rightarrow 0.755359$$

$$2p1/2 \text{ } G^+, G^-: 1.05 \rightarrow 1.04138 \text{ } 2.36 \rightarrow 3.49539$$

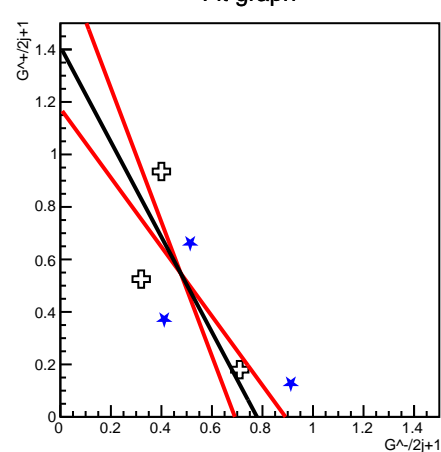
Ko68 pickup



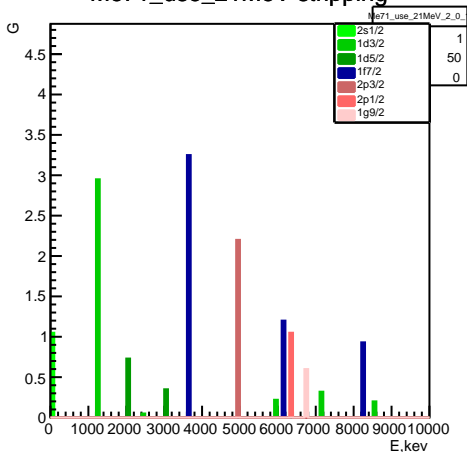
Ko68 norm. pickup



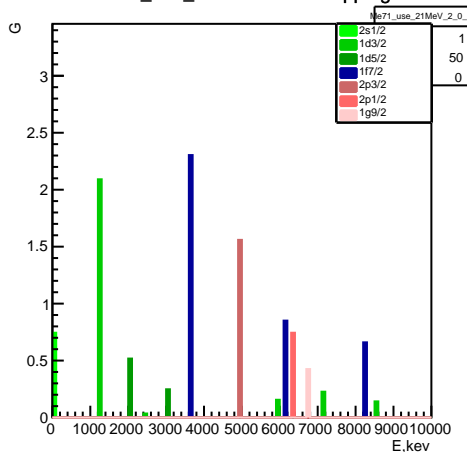
Fit graph



Me71_use_21MeV stripping



Me71_use_21MeV norm. stripping



Experiment: Ko68 (9) Me71_use_21MeV (14)

$n^+G^{++} + n^-G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.18 + n^- 0.71 = 1$$

$$2s1/2: n^+ 0.525 + n^- 0.32 = 1$$

$$1d3/2: n^+ 0.935 + n^- 0.4 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.708948 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.28484 \pm 0 \text{ (for pick-up)}$$

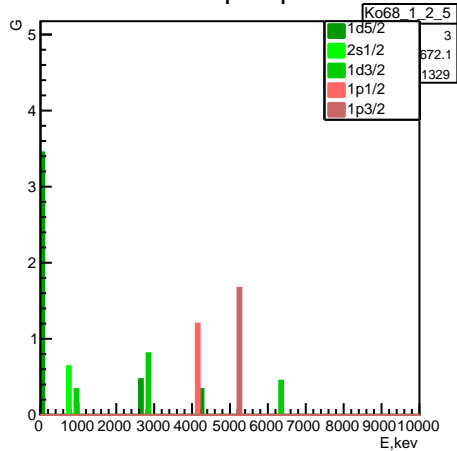
$$1d5/2 \ G^+, G^-: 1.08 \rightarrow 0.765664 \ 4.26 \rightarrow 5.47343$$

$$2s1/2 \ G^+, G^-: 1.05 \rightarrow 0.744395 \ 0.64 \rightarrow 0.8223$$

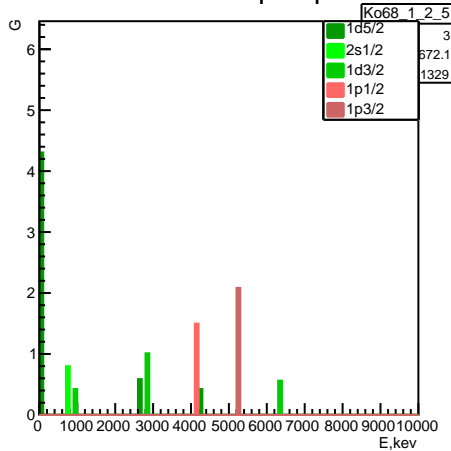
$$1d3/2 \ G^+, G^-: 3.74 \rightarrow 2.65146 \ 1.6 \rightarrow 2.05575$$

$$1p1/2 \ G^+, G^-: 4.66732e-310 \rightarrow 3.30889e-310 \ 1.2$$

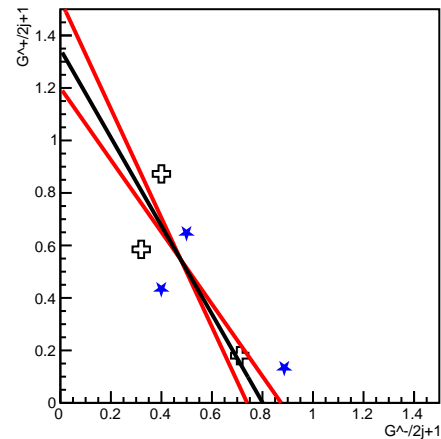
Ko68 pickup



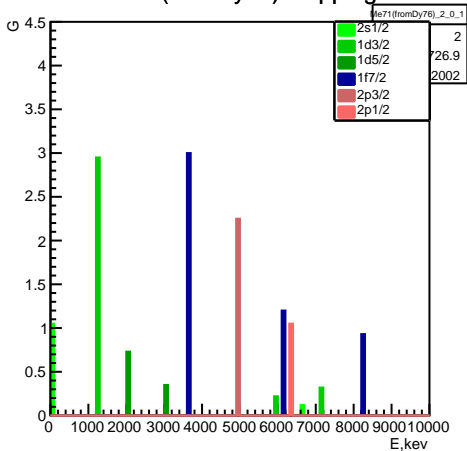
Ko68 norm. pickup



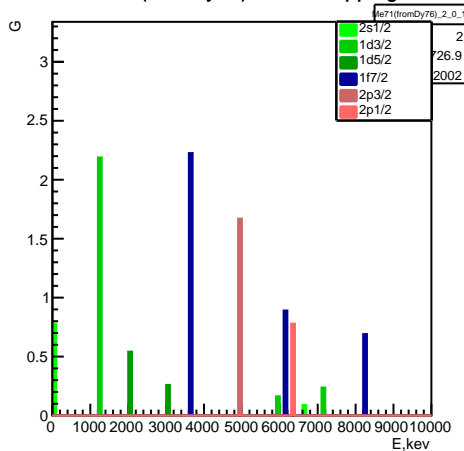
Fit graph



Me71(fromDy76) stripping



Me71(fromDy76) norm. stripping



Experiment: Ko68 (9) Me71(fromDy76) (12)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.18 + n^- 0.71 = 1$$

$$2s1/2: n^+ 0.585 + n^- 0.32 = 1$$

$$1d3/2: n^+ 0.8725 + n^- 0.4 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.742054 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.24817 \pm 0 \text{ (for pick-up)}$$

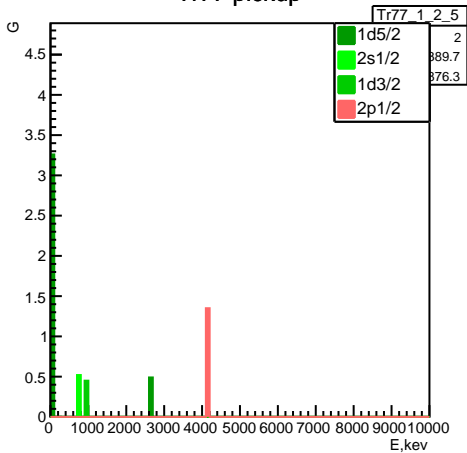
$$1d5/2 \ G^+, G^-: 1.08 \rightarrow 0.801419 \ 4.26 \rightarrow 5.31721$$

$$2s1/2 \ G^+, G^-: 1.17 \rightarrow 0.868204 \ 0.64 \rightarrow 0.79883$$

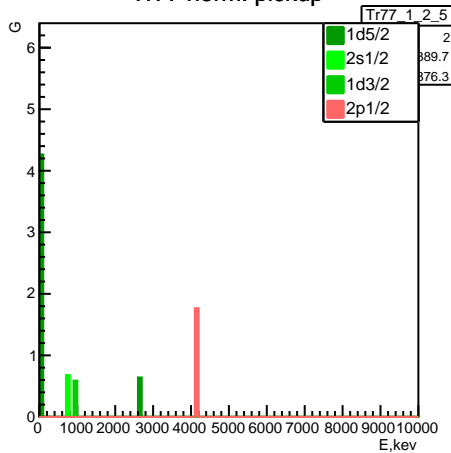
$$1d3/2 \ G^+, G^-: 3.49 \rightarrow 2.58977 \ 1.6 \rightarrow 1.99708$$

$$1p1/2 \ G^+, G^-: 4.66732e-310 \rightarrow 3.46341e-310 \ 1.2$$

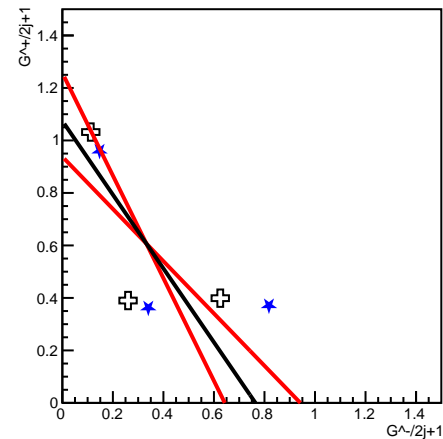
Tr77 pickup



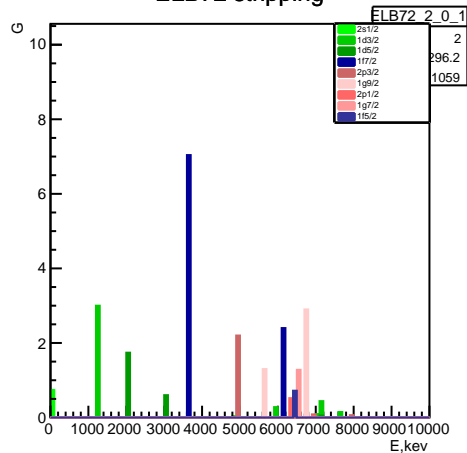
Tr77 norm. pickup



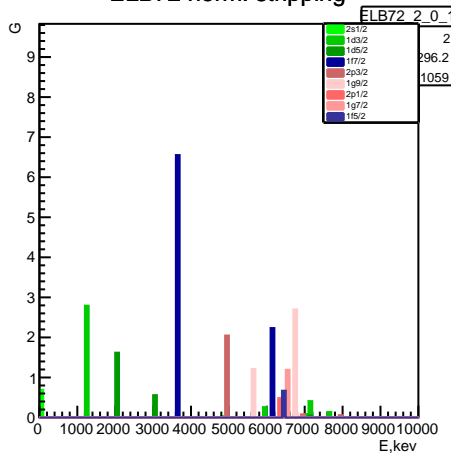
Fit graph



ELB72 stripping



ELB72 norm. stripping



Experiment: Tr77 (5) ELB72 (24)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.399 + n^- 0.625 = 1$$

$$2s1/2: n^+ 0.39 + n^- 0.26 = 1$$

$$1d3/2: n^+ 1.032 + n^- 0.1125 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.930778 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.30832 \pm 0 \text{ (for pick-up)}$$

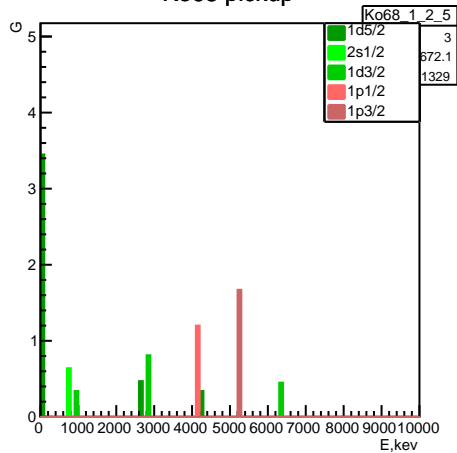
$$1d5/2 \text{ } G^+, G^-: 2.394 \rightarrow 2.22828 \text{ } 3.75 \rightarrow 4.90621$$

$$2s1/2 \text{ } G^+, G^-: 0.78 \rightarrow 0.726007 \text{ } 0.52 \rightarrow 0.680328$$

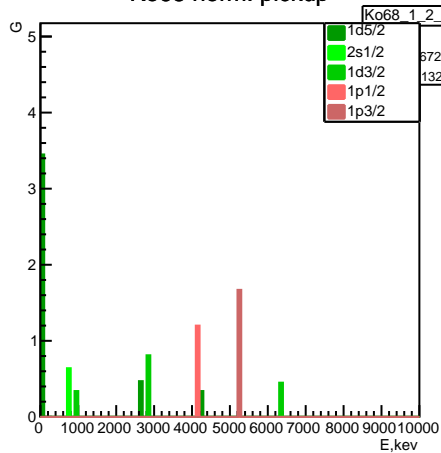
$$1d3/2 \text{ } G^+, G^-: 4.128 \rightarrow 3.84225 \text{ } 0.45 \rightarrow 0.588746$$

$$2p1/2 \text{ } G^+, G^-: 0.568 \rightarrow 0.528682 \text{ } 1.35 \rightarrow 1.76624$$

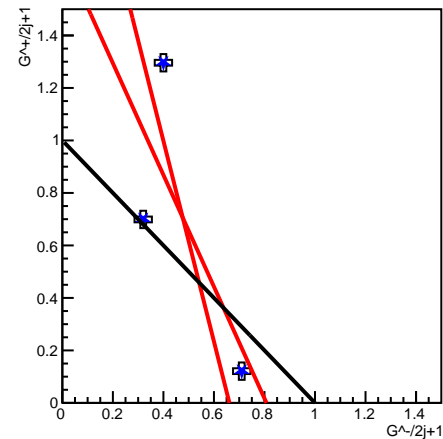
Ko68 pickup



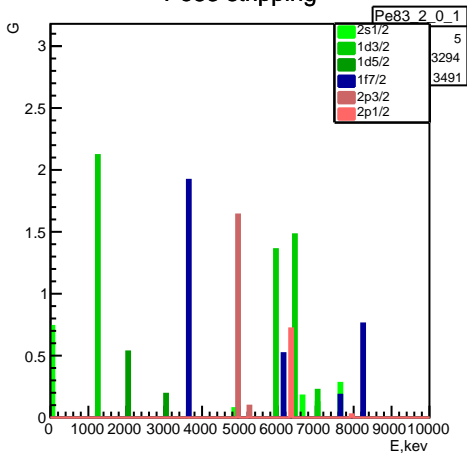
Ko68 norm. pickup



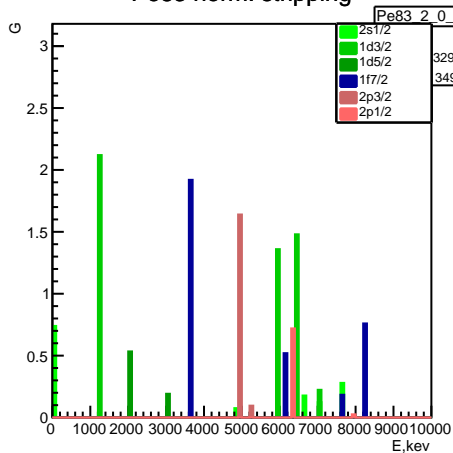
Fit graph



Pe83 stripping



Pe83 norm. stripping



Experiment: Ko68 (9) Pe83 (19)

$n^+ G^{*+} + n^- G^{*-} = 1$ equations:

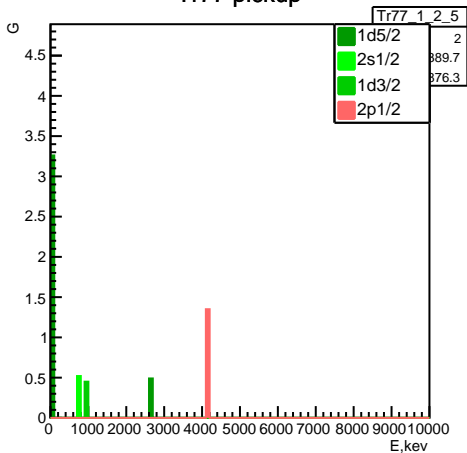
1d5/2: $n^+ 0.121 + n^- 0.71 = 1$

2s1/2: $n^+ 0.699 + n^- 0.32 = 1$

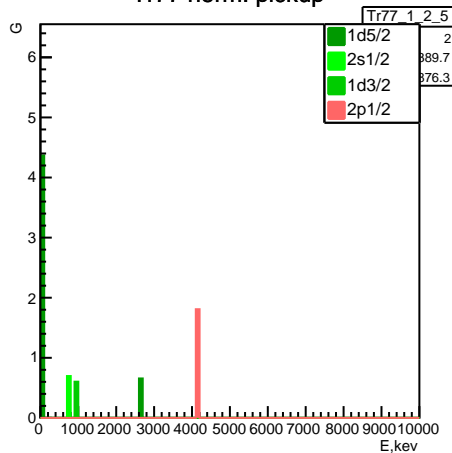
1d3/2: $n^+ 1.296 + n^- 0.4 = 1$

Normalization was not performed.

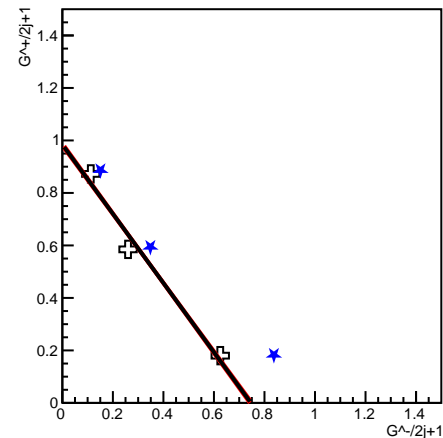
Tr77 pickup



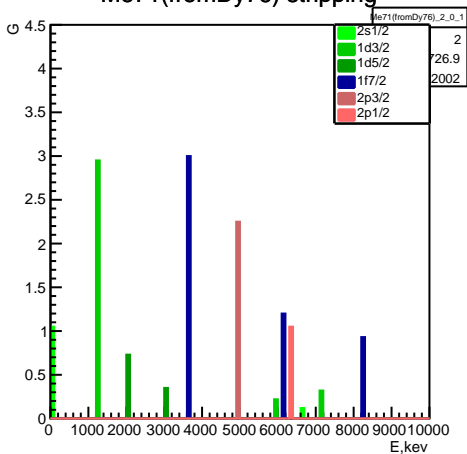
Tr77 norm. pickup



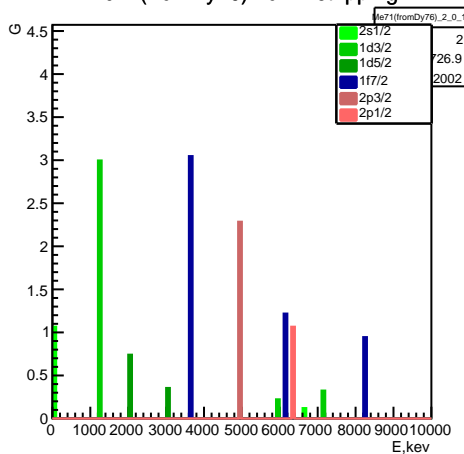
Fit graph



Me71(fromDy76) stripping



Me71(fromDy76) norm. stripping



Experiment: Tr77 (5) Me71(fromDy76) (12)

$n^+G^{++} + n^-G^{*-} = 1$ equations:

1d5/2: $n^+ 0.18 + n^- 0.625 = 1$

2s1/2: $n^+ 0.585 + n^- 0.26 = 1$

1d3/2: $n^+ 0.8725 + n^- 0.1125 = 1$

Normalization of 3 subshells result:

$n^+ = 1.01595 \pm 0$ (for stripping)

$n^- = 1.33973 \pm 0$ (for pick-up)

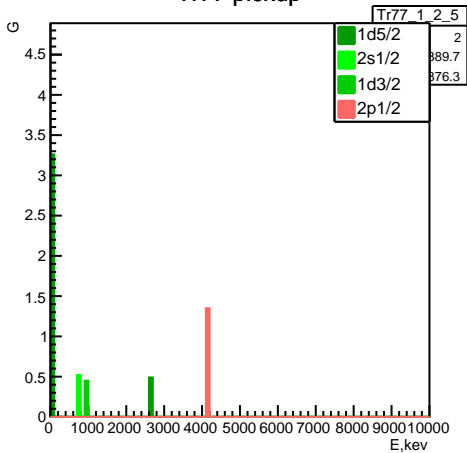
1d5/2 G^+, G^- : 1.08->1.09723 3.75->5.02397

2s1/2 G^+, G^- : 1.17->1.18867 0.52->0.696657

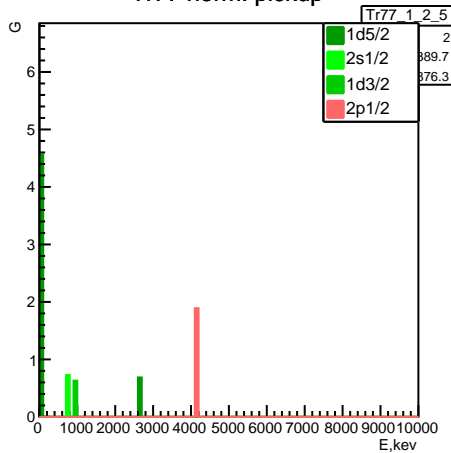
1d3/2 G^+, G^- : 3.49->3.54568 0.45->0.602877

2p1/2 G^+, G^- : 1.05->1.06675 1.35->1.80863

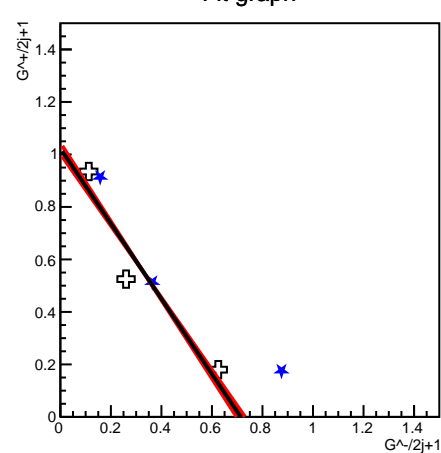
Tr77 pickup



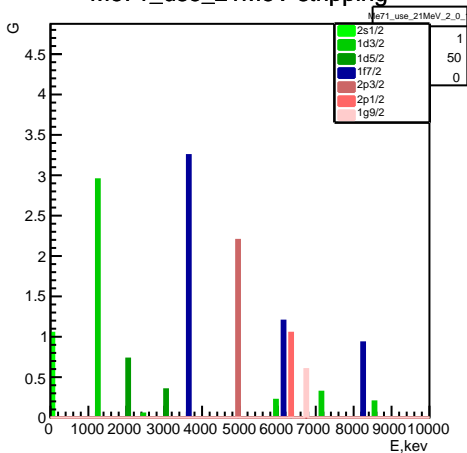
Tr77 norm. pickup



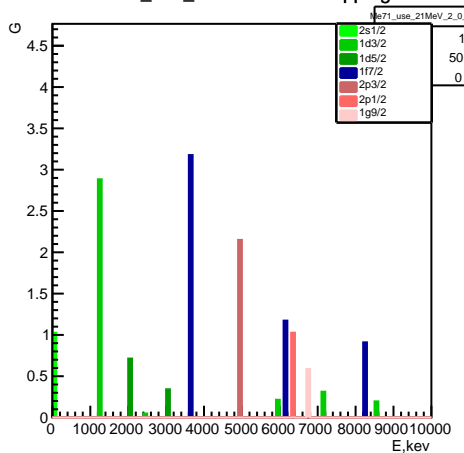
Fit graph



Me71_use_21MeV stripping



Me71_use_21MeV norm. stripping



Experiment: Tr77 (5) Me71_use_21MeV (14)

$n^+ G^{*+} + n^- G^{*-} = 1$ equations:

$1d5/2: n^+ 0.18 + n^- 0.625 = 1$

$2s1/2: n^+ 0.525 + n^- 0.26 = 1$

$1d3/2: n^+ 0.935 + n^- 0.1125 = 1$

Normalization of 3 subshells result:

$n^+ = 0.977479 \pm 0$ (for stripping)

$n^- = 1.40044 \pm 0$ (for pick-up)

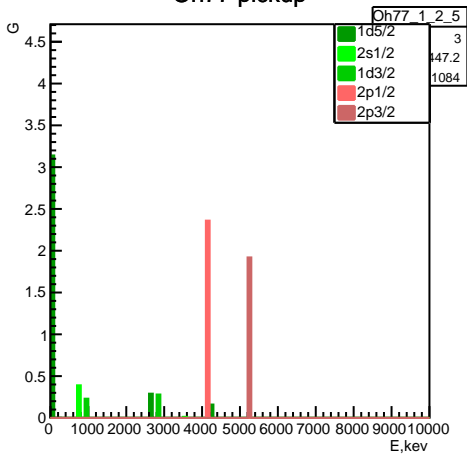
$1d5/2 \ G^+, G^-: 1.08 \rightarrow 1.05568 \ 3.75 \rightarrow 5.25163$

$2s1/2 \ G^+, G^-: 1.05 \rightarrow 1.02635 \ 0.52 \rightarrow 0.728227$

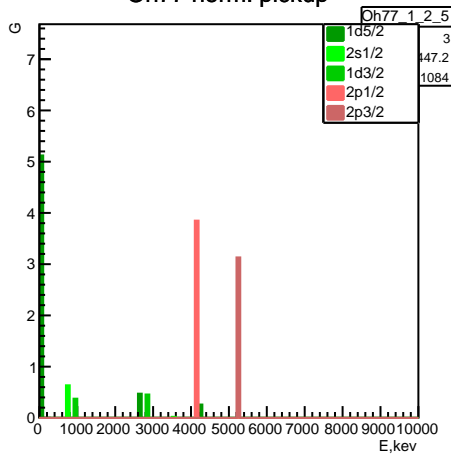
$1d3/2 \ G^+, G^-: 3.74 \rightarrow 3.65577 \ 0.45 \rightarrow 0.630196$

$2p1/2 \ G^+, G^-: 1.05 \rightarrow 1.02635 \ 1.35 \rightarrow 1.89059$

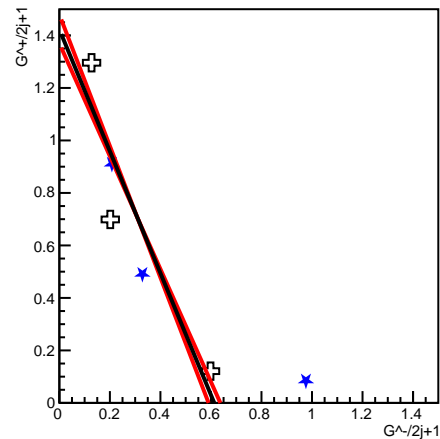
Oh77 pickup



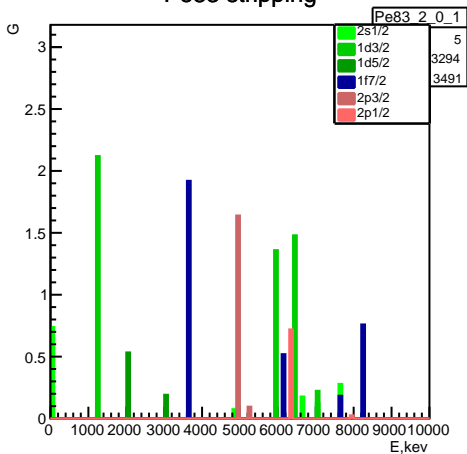
Oh77 norm. pickup



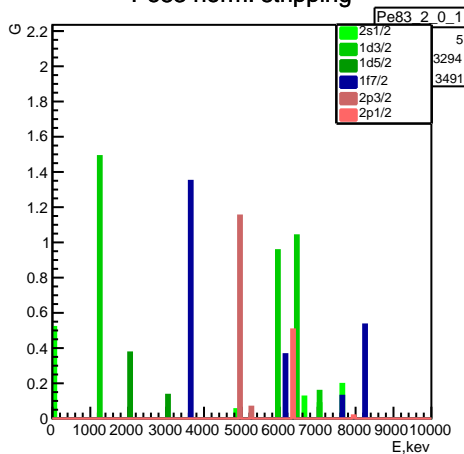
Fit graph



Pe83 stripping



Pe83 norm. stripping



Experiment: Oh77 (9) Pe83 (19)

$n^+G^{++} + n^-G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.121 + n^- 0.598333 = 1$$

$$2s1/2: n^+ 0.699 + n^- 0.2015 = 1$$

$$1d3/2: n^+ 1.296 + n^- 0.1275 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.702938 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.63111 \pm 0 \text{ (for pick-up)}$$

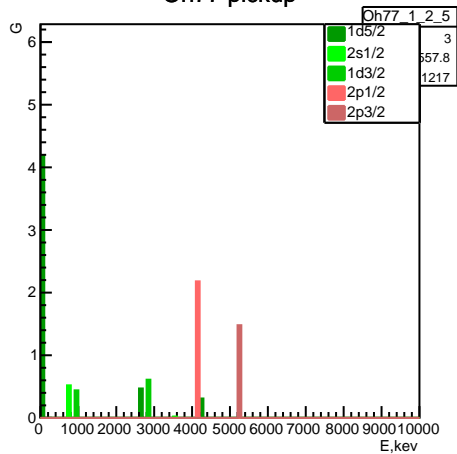
$$1d5/2 \ G^+, G^-: 0.726 \rightarrow 0.510333 \ 3.59 \rightarrow 5.85569$$

$$2s1/2 \ G^+, G^-: 1.398 \rightarrow 0.982707 \ 0.403 \rightarrow 0.65733$$

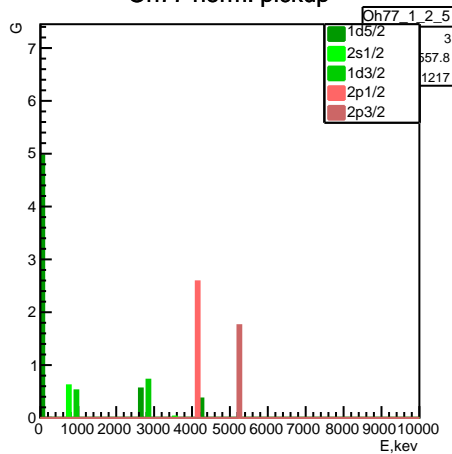
$$1d3/2 \ G^+, G^-: 5.184 \rightarrow 3.64403 \ 0.51 \rightarrow 0.831866$$

$$2p1/2 \ G^+, G^-: 0.746 \rightarrow 0.524392 \ 2.36 \rightarrow 3.84942$$

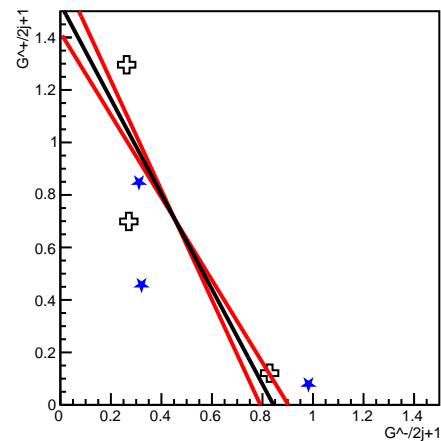
Oh77 pickup



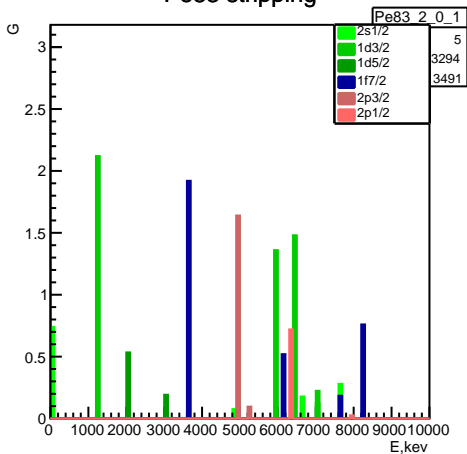
Oh77 norm. pickup



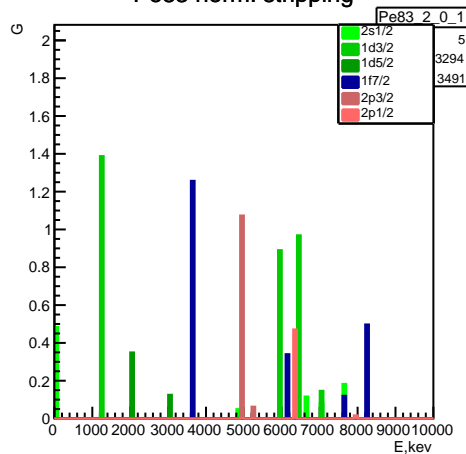
Fit graph



Pe83 stripping



Pe83 norm. stripping



Experiment: Oh77 (9) Pe83 (19)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

$$1d5/2: n^+ 0.121 + n^- 0.828333 = 1$$

$$2s1/2: n^+ 0.699 + n^- 0.271 = 1$$

$$1d3/2: n^+ 1.296 + n^- 0.2625 = 1$$

Normalization of 3 subshells result:

$$n^+ = 0.65479 \pm 0 \text{ (for stripping)}$$

$$n^- = 1.18551 \pm 0 \text{ (for pick-up)}$$

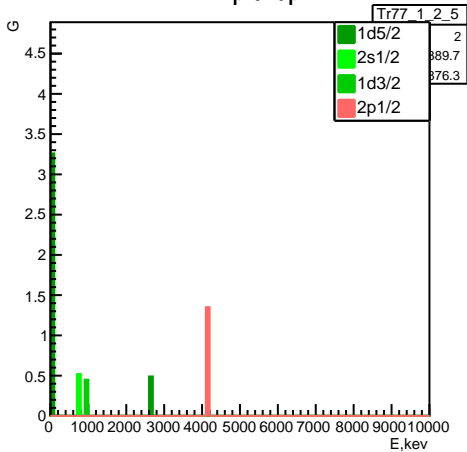
$$1d5/2 \text{ } G^+, G^-: 0.726 \rightarrow 0.475377 \text{ } 4.97 \rightarrow 5.89198$$

$$2s1/2 \text{ } G^+, G^-: 1.398 \rightarrow 0.915396 \text{ } 0.542 \rightarrow 0.642541$$

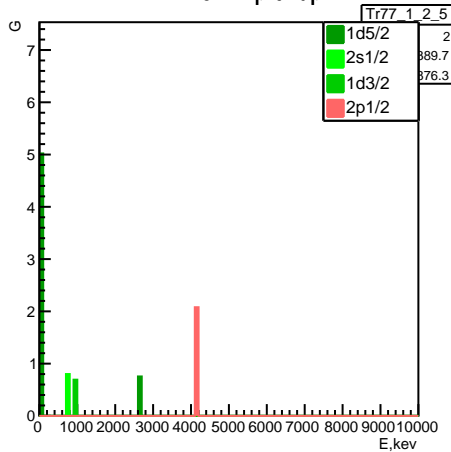
$$1d3/2 \text{ } G^+, G^-: 5.184 \rightarrow 3.39443 \text{ } 1.05 \rightarrow 1.24478$$

$$2p1/2 \text{ } G^+, G^-: 0.746 \rightarrow 0.488473 \text{ } 2.18 \rightarrow 2.58441$$

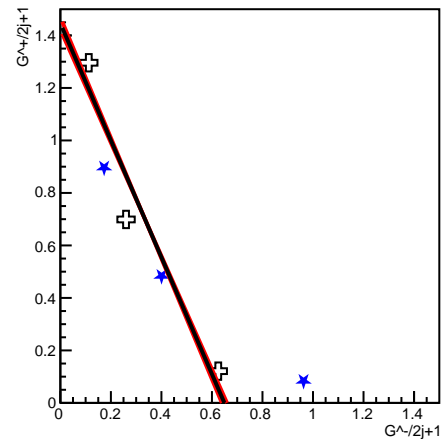
Tr77 pickup



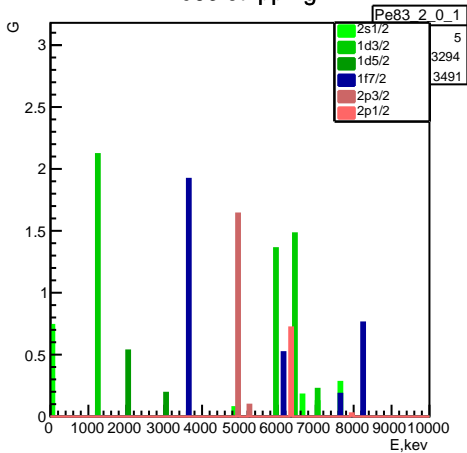
Tr77 norm. pickup



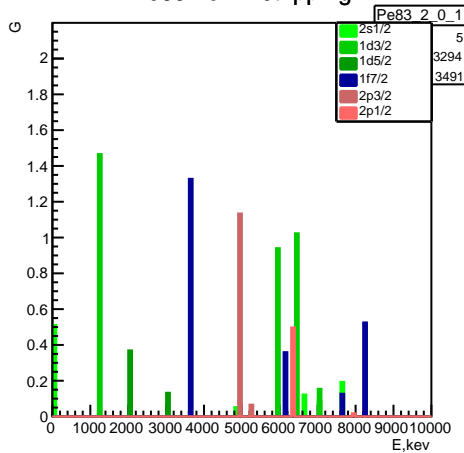
Fit graph



Pe83 stripping



Pe83 norm. stripping



Experiment: Tr77 (5) Pe83 (19)

$n^+ G^{++} + n^- G^{*-} = 1$ equations:

1d5/2: $n^+ 0.121 + n^- 0.625 = 1$

2s1/2: $n^+ 0.699 + n^- 0.26 = 1$

1d3/2: $n^+ 1.296 + n^- 0.1125 = 1$

Normalization of 3 subshells result:

$n^+ = 0.691672 \pm 0$ (for stripping)

$n^- = 1.54027 \pm 0$ (for pick-up)

1d5/2 G^+, G^- : 0.726->0.502154 3.75->5.77602

2s1/2 G^+, G^- : 1.398->0.966957 0.52->0.800942

1d3/2 G^+, G^- : 5.184->3.58563 0.45->0.693123

2p1/2 G^+, G^- : 0.746->0.515987 1.35->2.07937