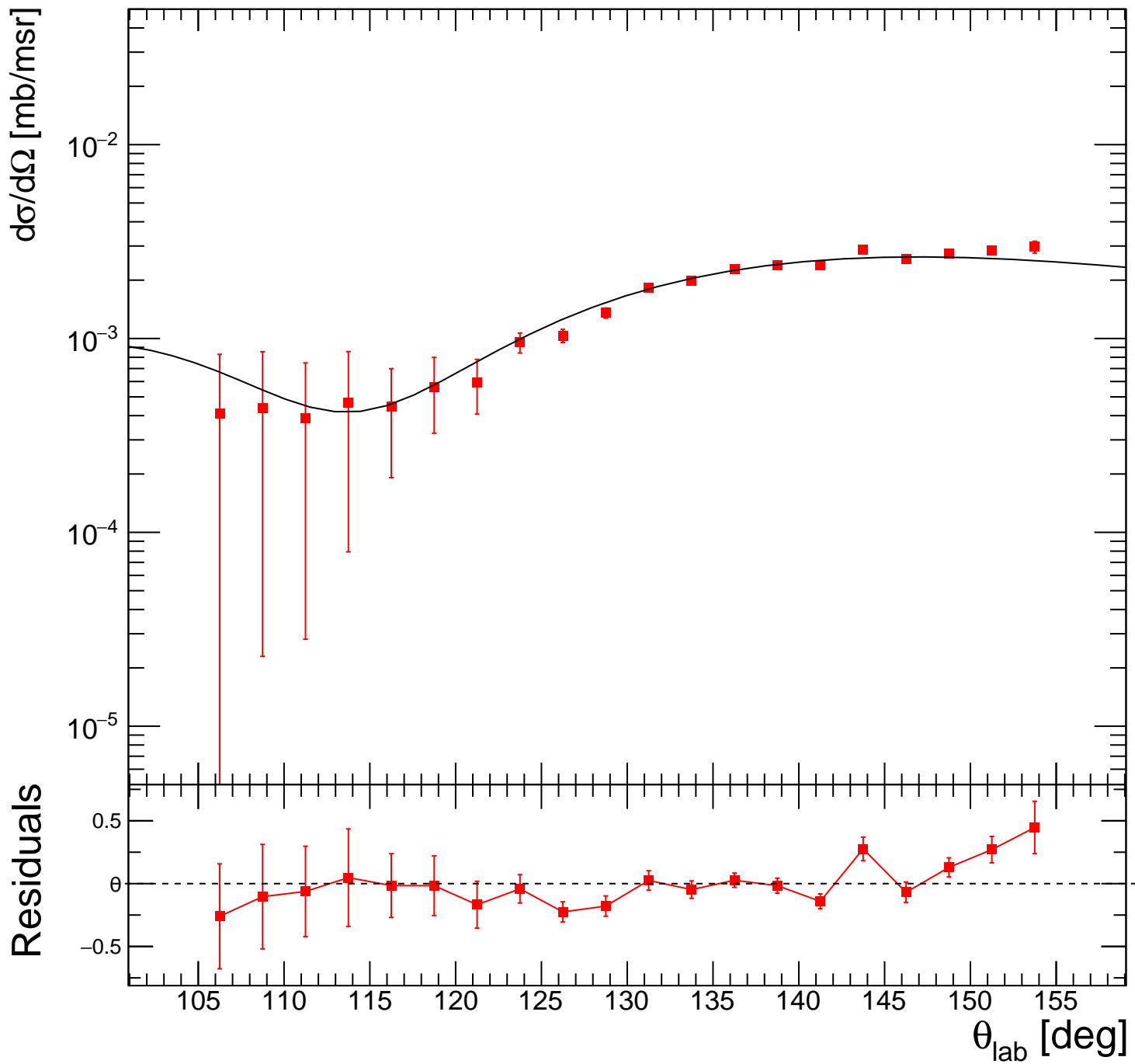
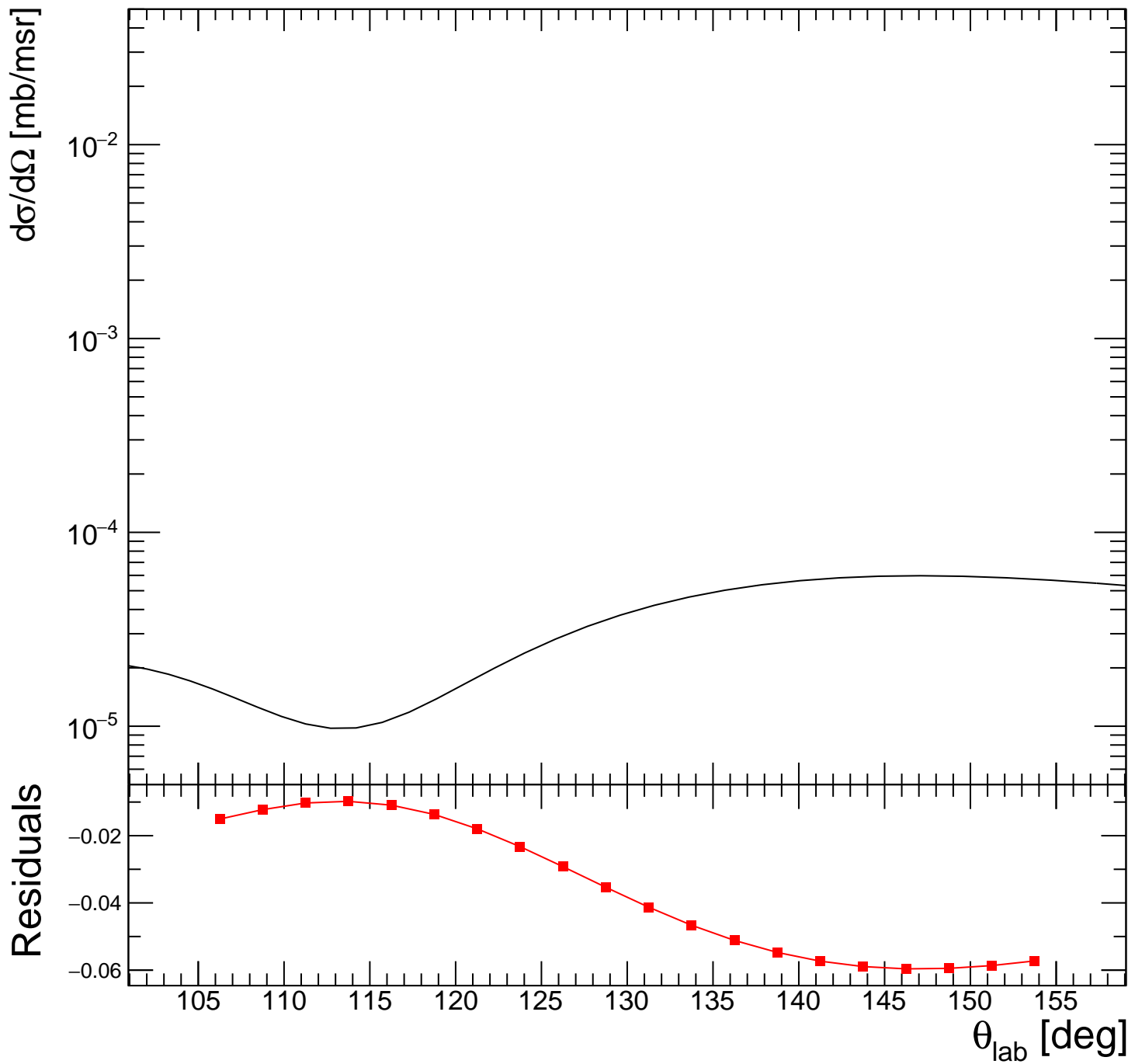


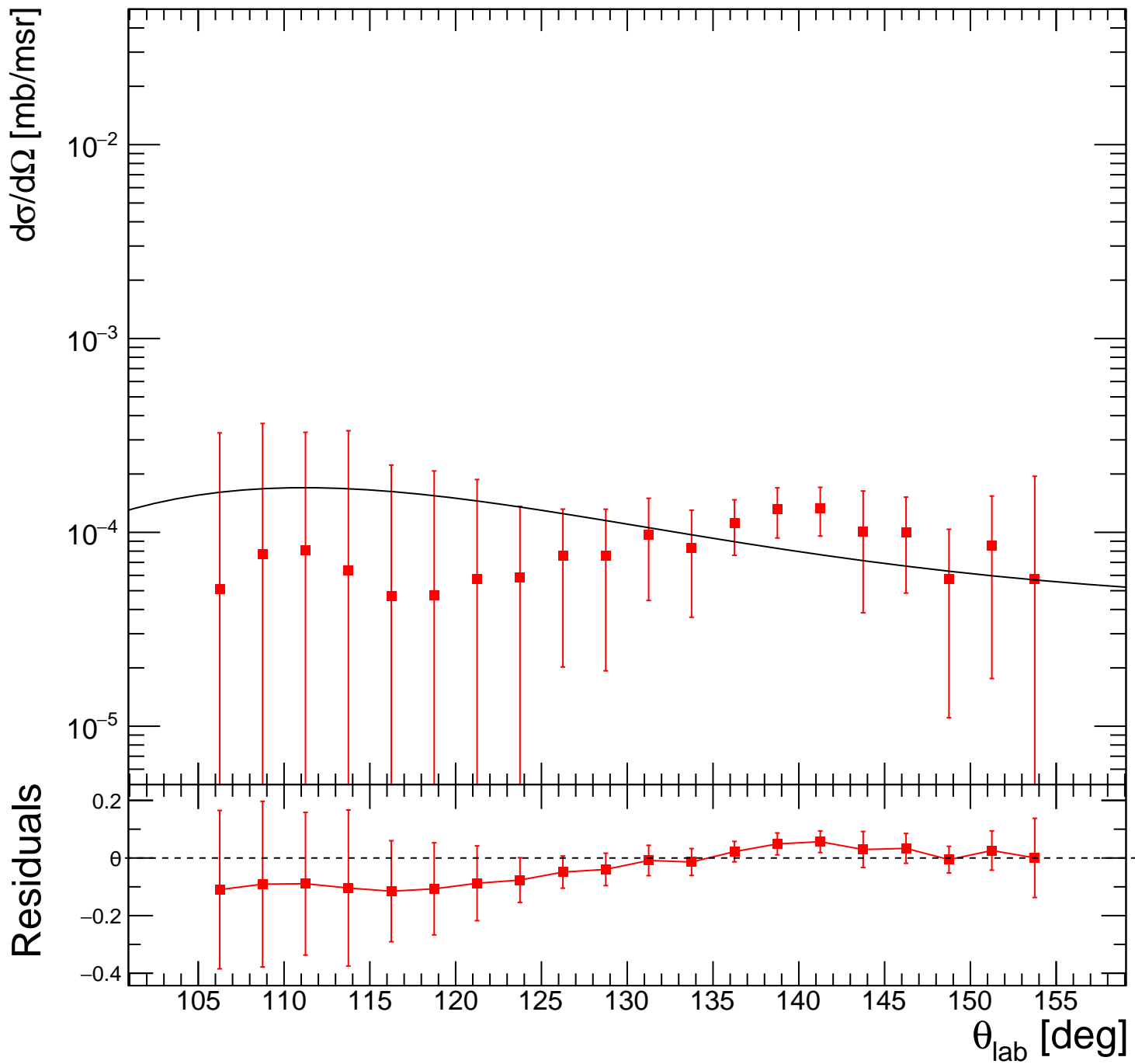
0.143 MeV, $p_{3/2}$, spin 2 \rightarrow S = 0.446 \pm 0.004



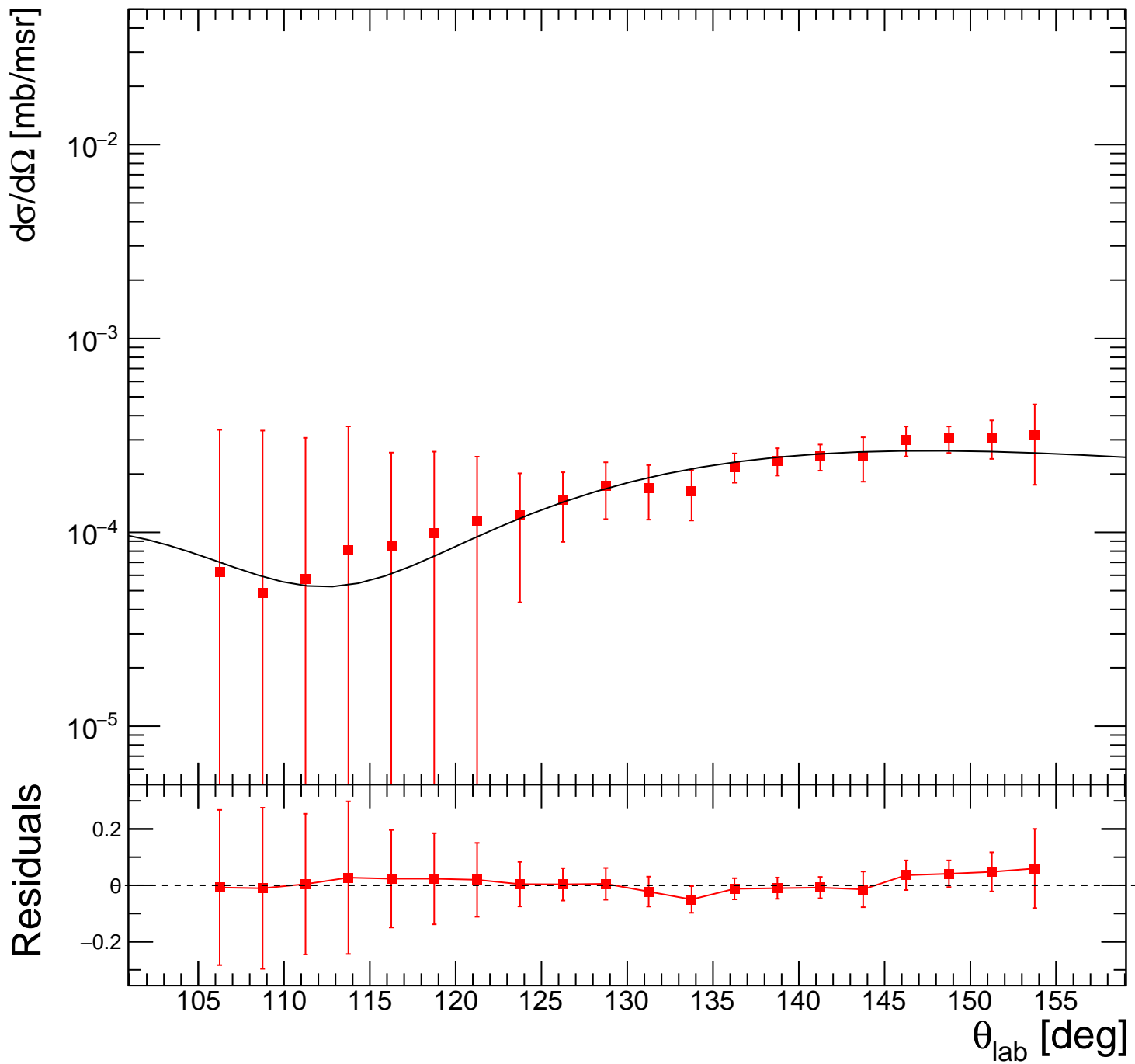
0.279 MeV, $p_{3/2}$, spin 2 \rightarrow S = 0.010 \pm 5.828



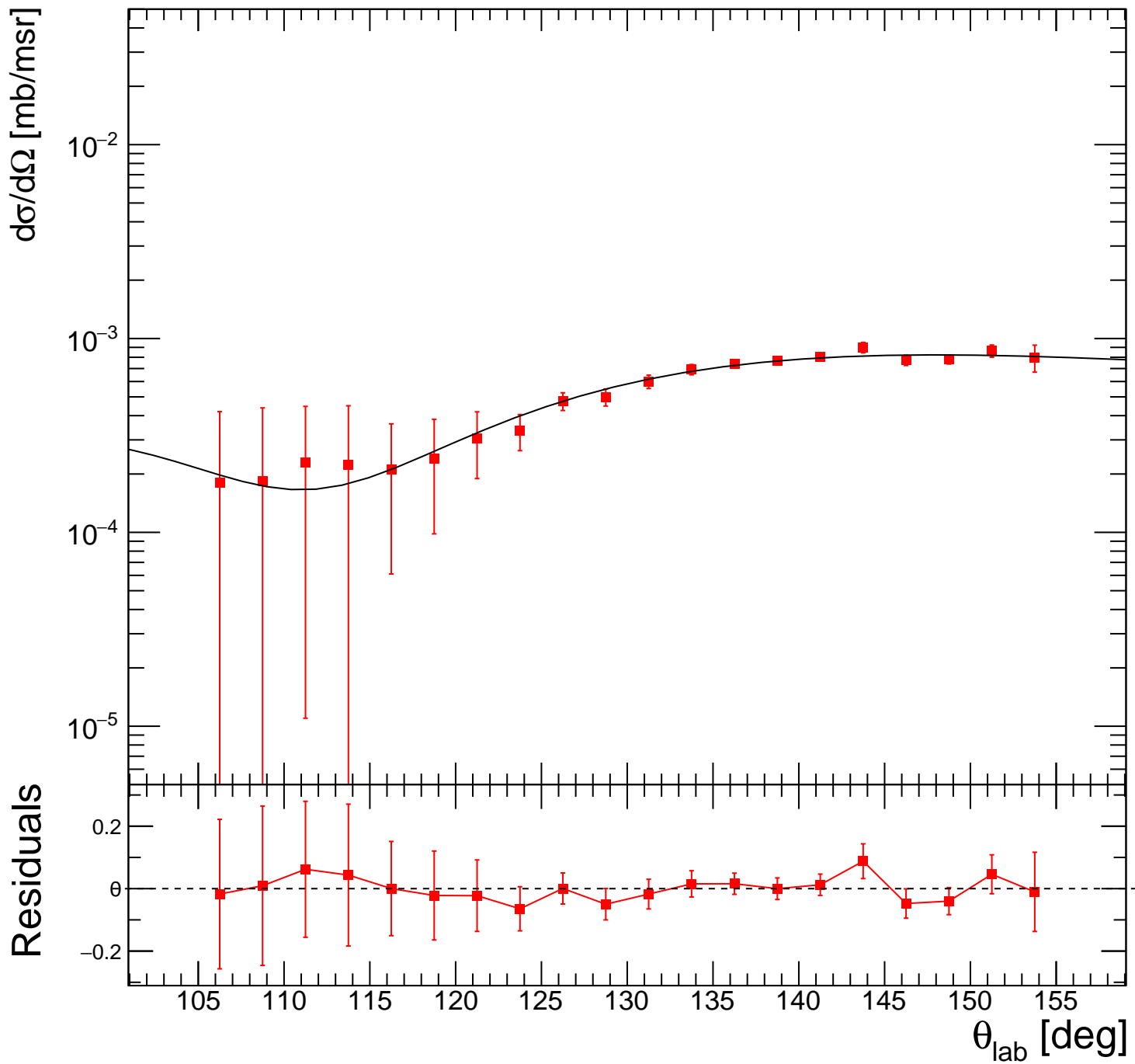
0.728 MeV, $f_{7/2}$, spin 3 \rightarrow S = 0.079 \pm 0.012



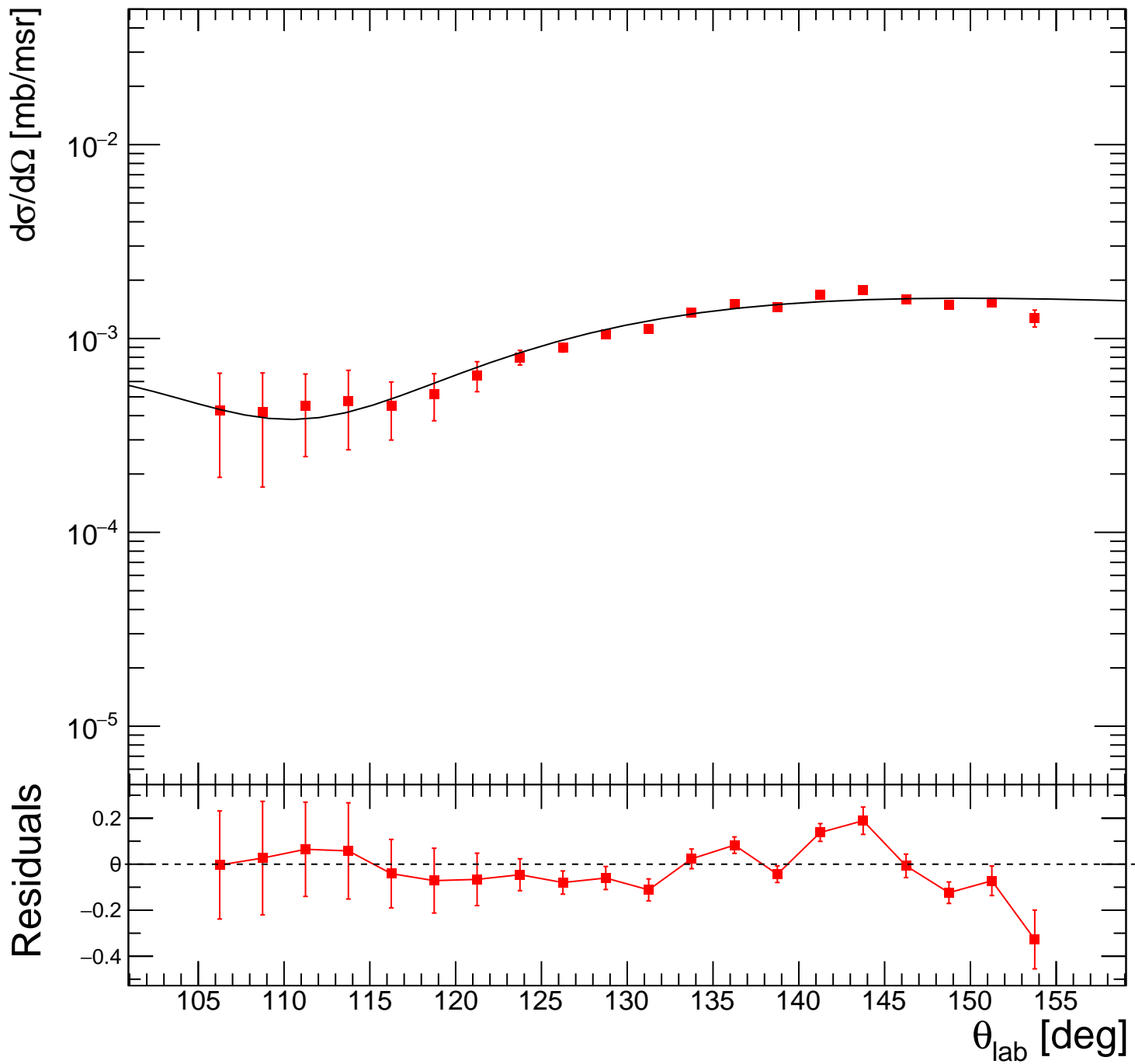
0.967 MeV, $p_{1/2}$, spin 0 \rightarrow S = 0.235 \pm 0.014



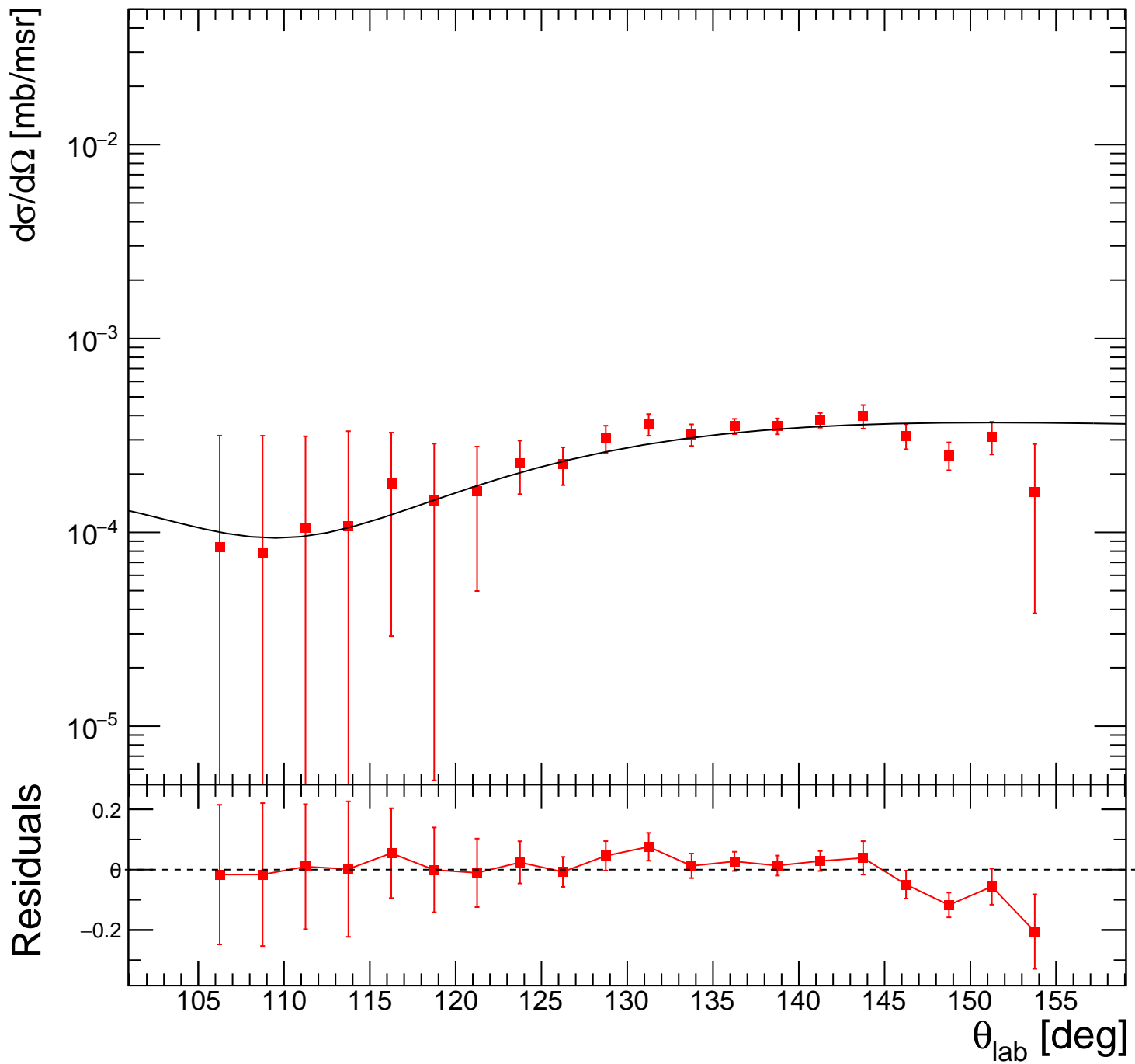
1.409 MeV, $p_{3/2}$, spin 1 \rightarrow S = 0.229 \pm 0.004



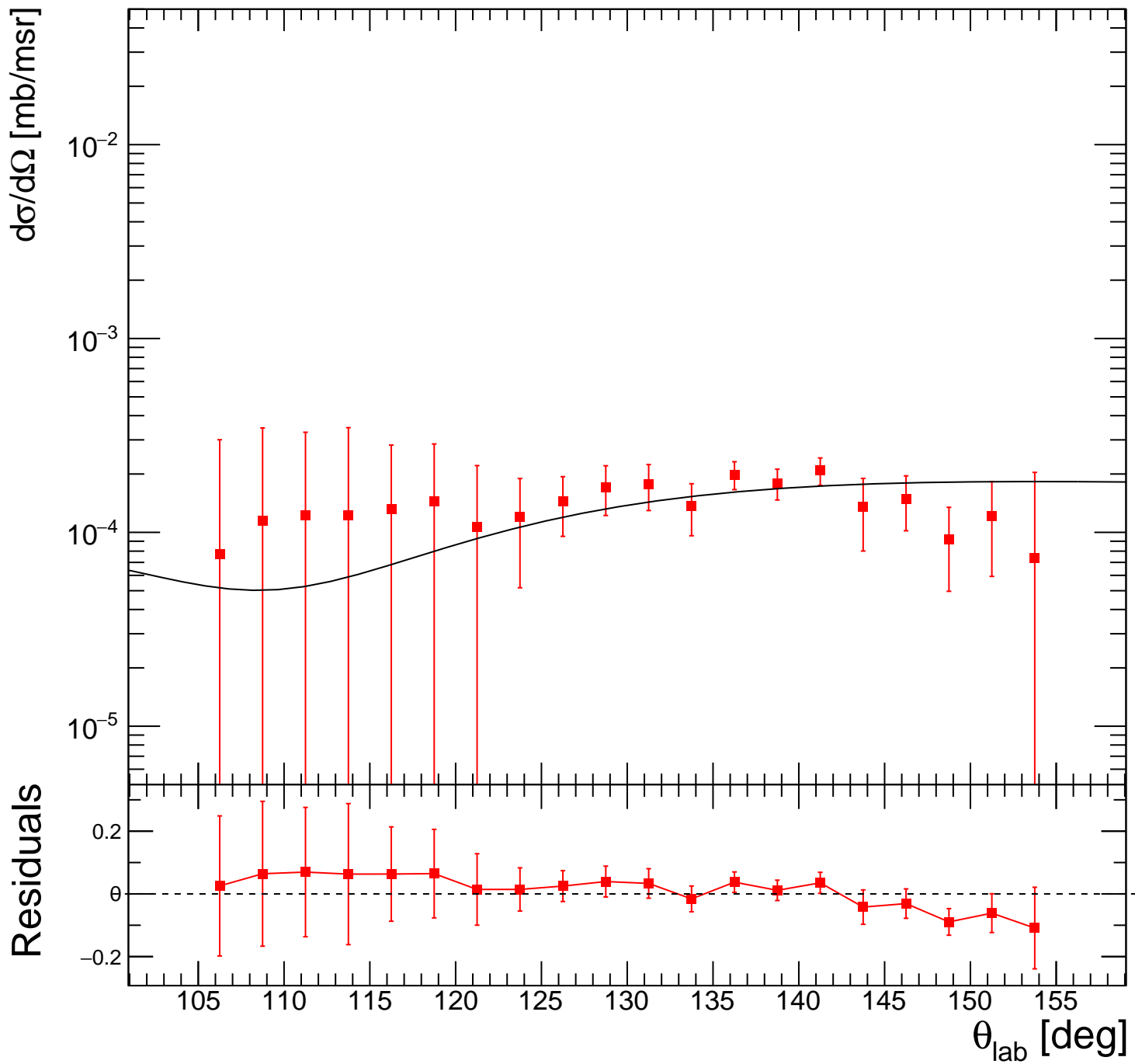
1.978 MeV, $p_{1/2}$, spin 1 \rightarrow S = 0.484 \pm 0.005



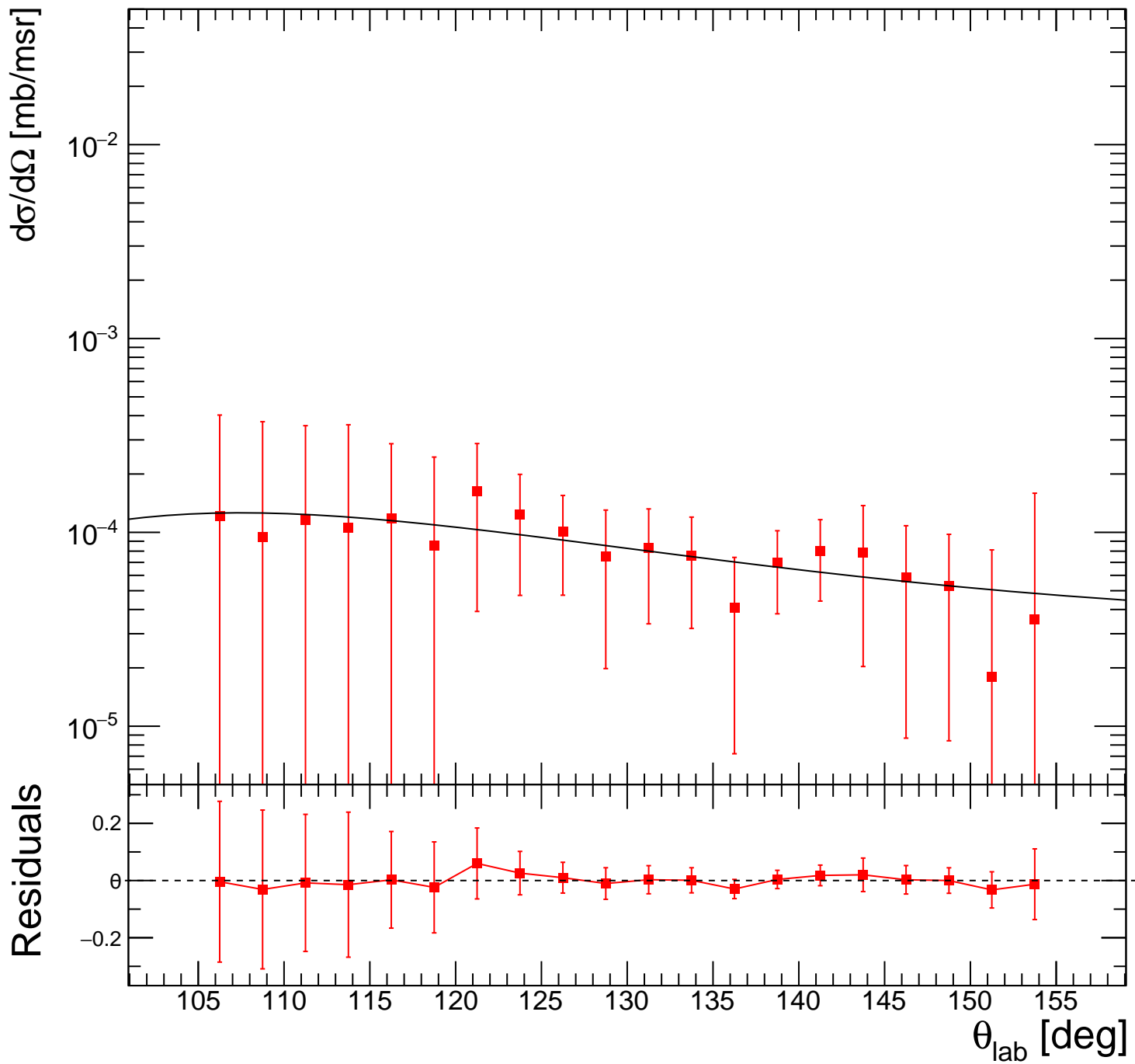
2.407 MeV, $p_{1/2}$, spin 0 \rightarrow S = 0.338 \pm 0.013



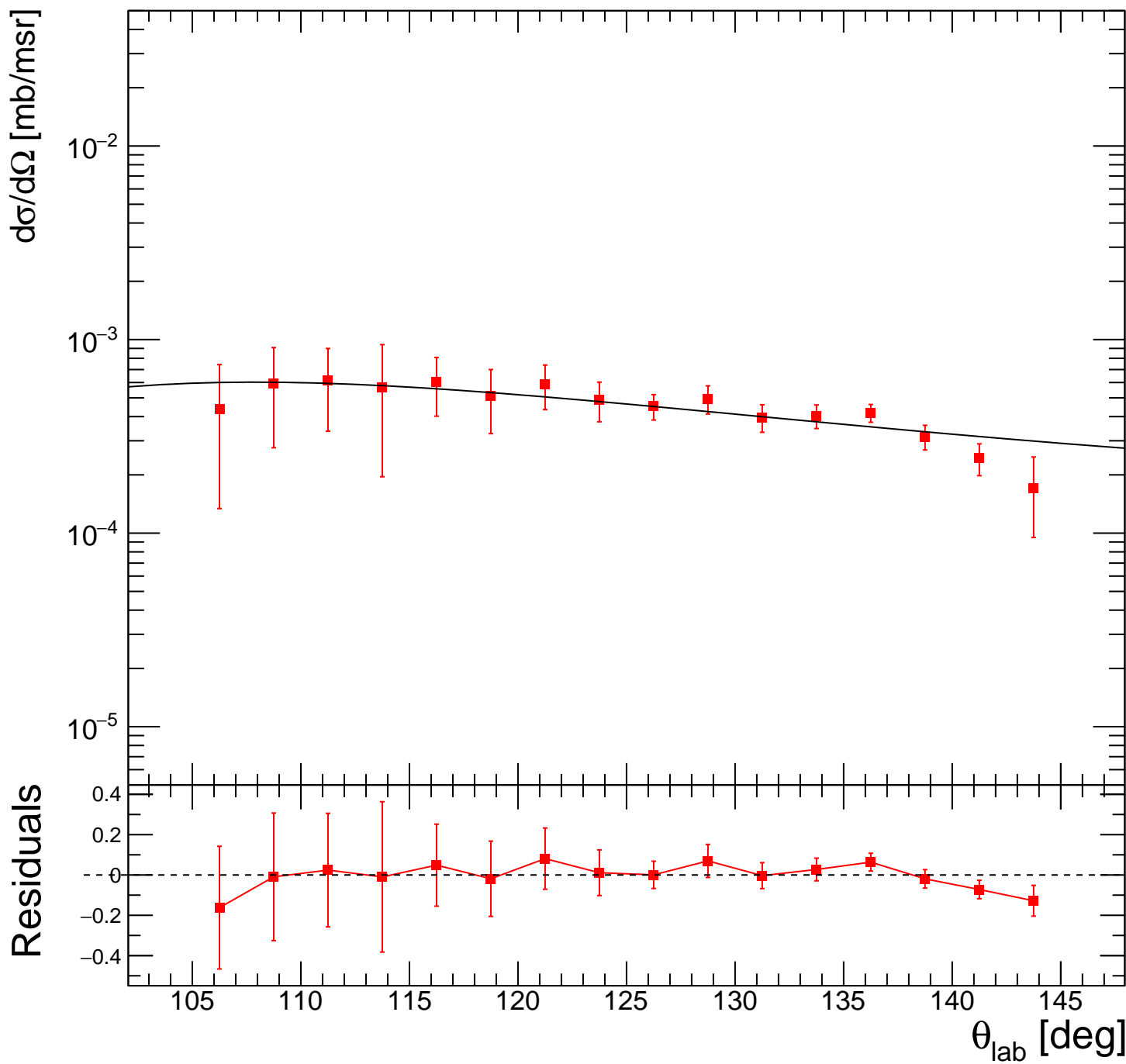
2.908 MeV, $p_{1/2}$, spin 0 \rightarrow S = 0.175 \pm 0.013



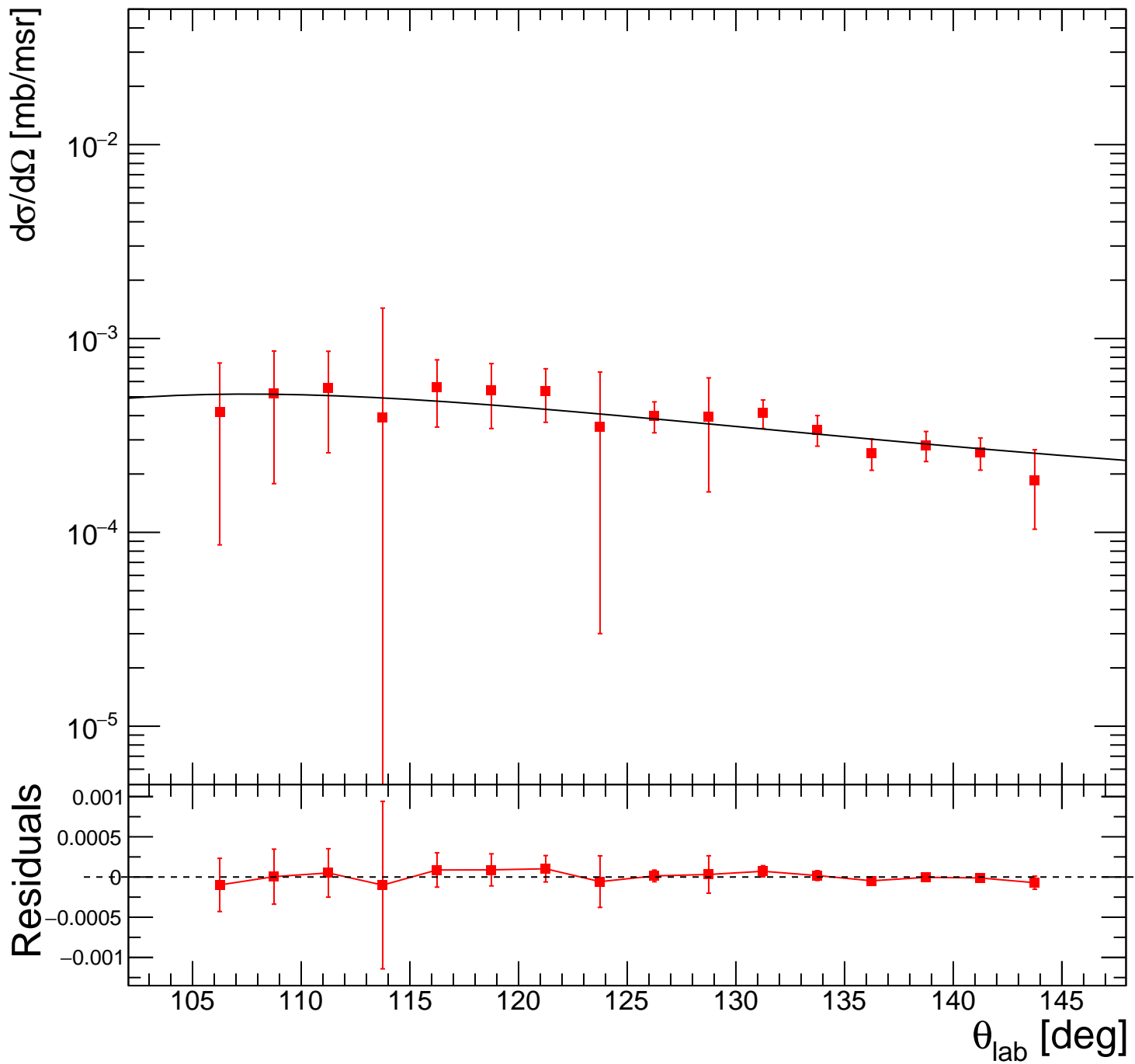
3.254 MeV, $f_{7/2}$, spin 3 \rightarrow S = 0.035 \pm 0.006



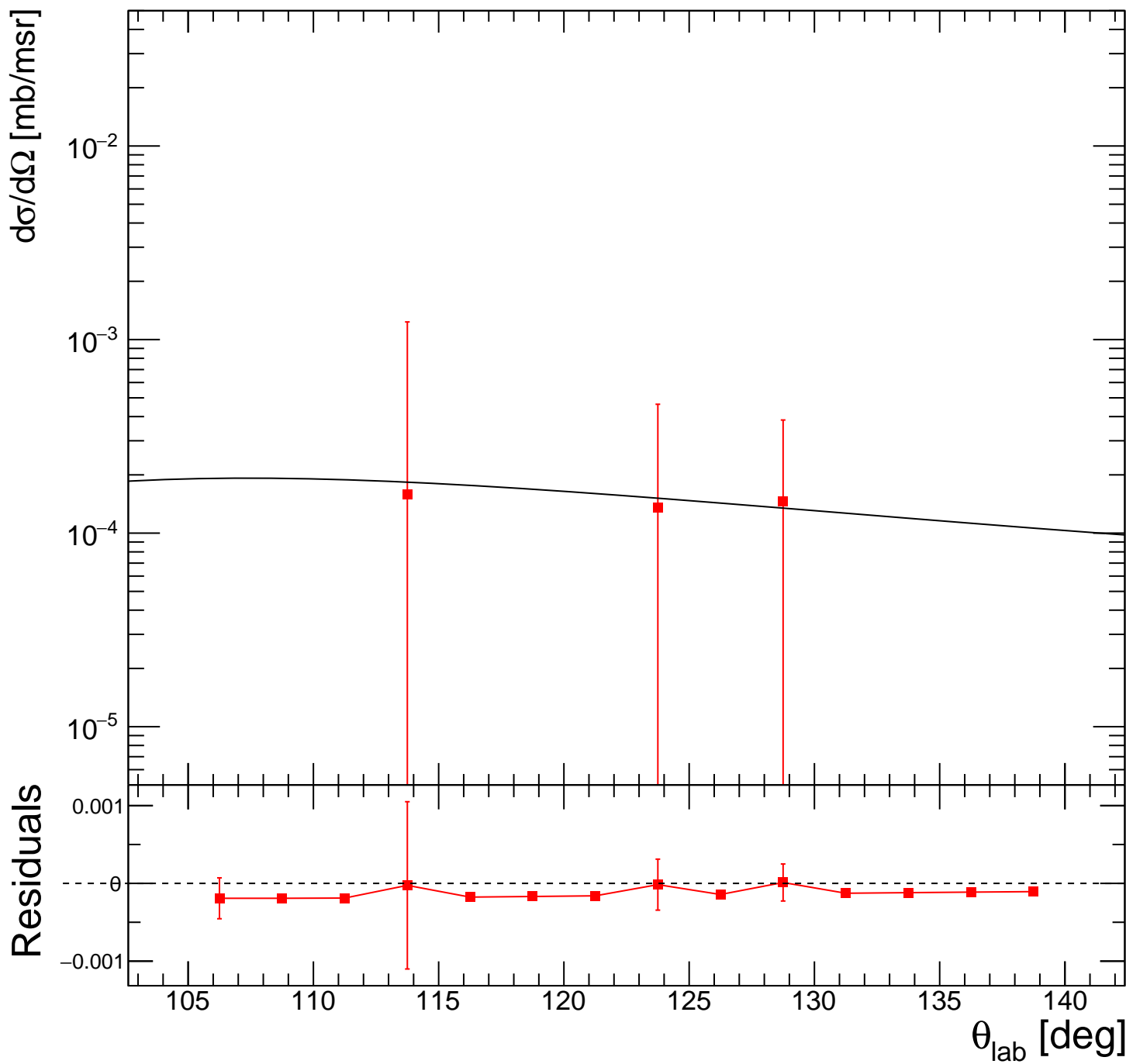
3.601 MeV, $f_{5/2}$, spin 3 \rightarrow S = 0.212 \pm 0.011



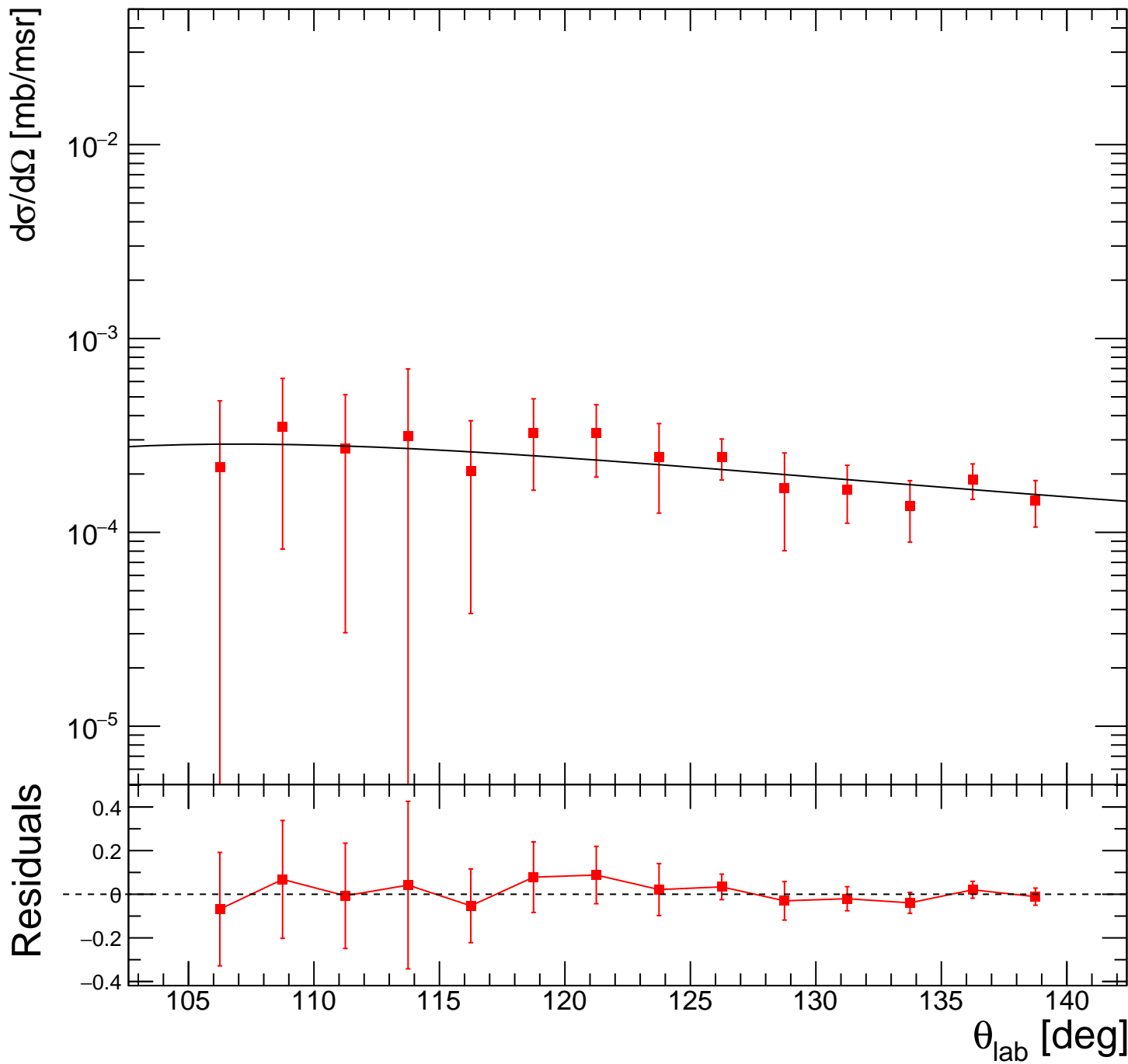
3.794 MeV, $f_{5/2}$, spin 3 \rightarrow S = 0.173 \pm 0.012



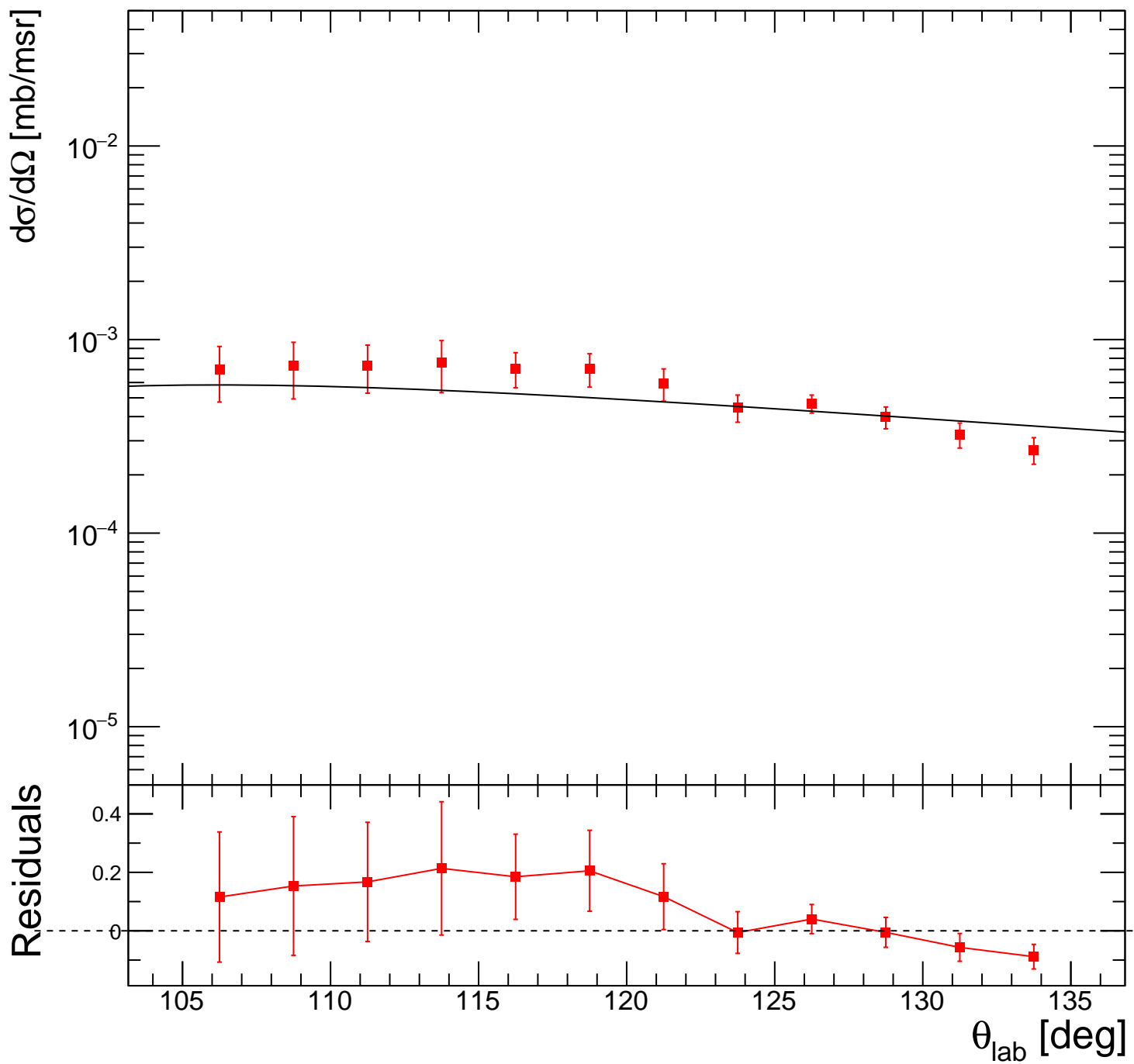
3.868 MeV, $f_{5/2}$, spin 3 \rightarrow S = 0.063 \pm 0.084



4.062 MeV, $f_{5/2}$, spin 3 \rightarrow S = 0.090 \pm 0.009



4.387 MeV, $f_{5/2}$, spin 3 \rightarrow S = 0.169 \pm 0.009



4.387 MeV, $f_{7/2}$, spin 3 \rightarrow S = 0.130 \pm 0.007

