

Calculated ground-state spin compared to experiment

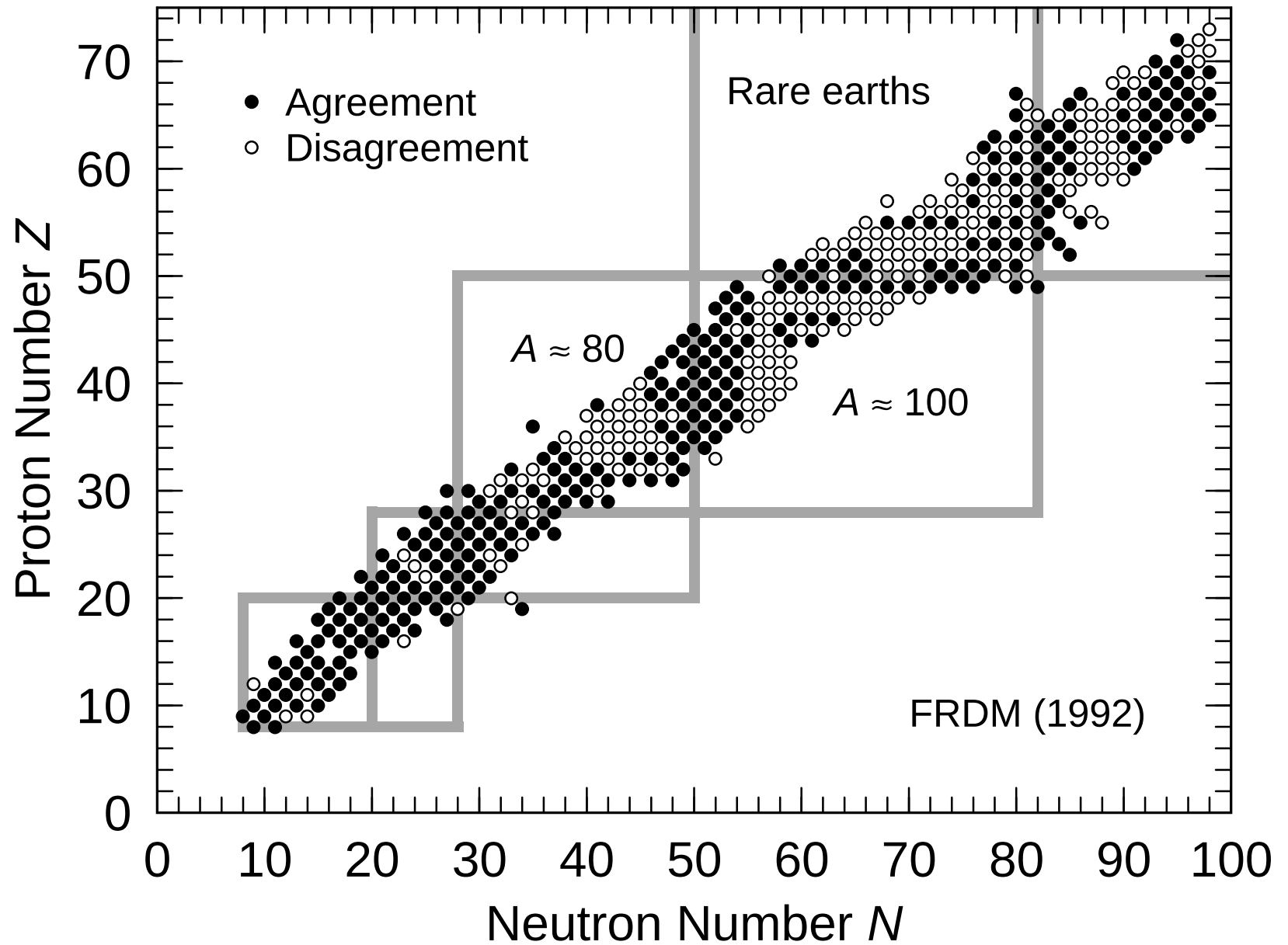


Figure 17

Calculated ground-state spin compared to experiment

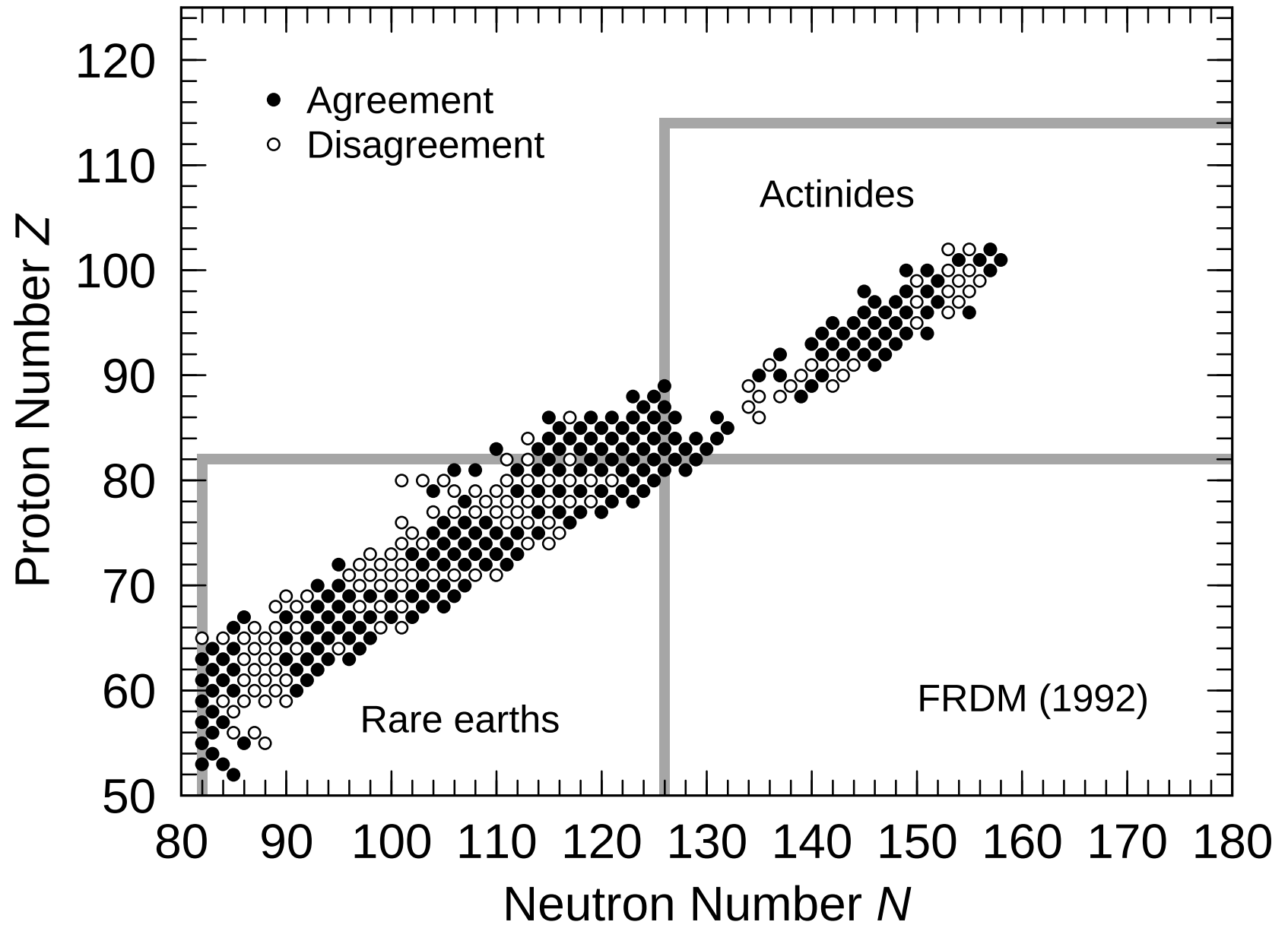


Figure 18

Folded-Yukawa potential

$P_{1n} = 100.00\%$ $T_{1/2} = 484.30$ (ms)



$\varepsilon_2 = 0.000$ $\Delta_n = 1.37$ MeV $\lambda_n = 33.28$ MeV

$\varepsilon_4 = 0.000$ $\Delta_p = 1.36$ MeV $\lambda_p = 30.38$ MeV

$\varepsilon_6 = 0.000$ (L-N) $a = 0.80$ fm

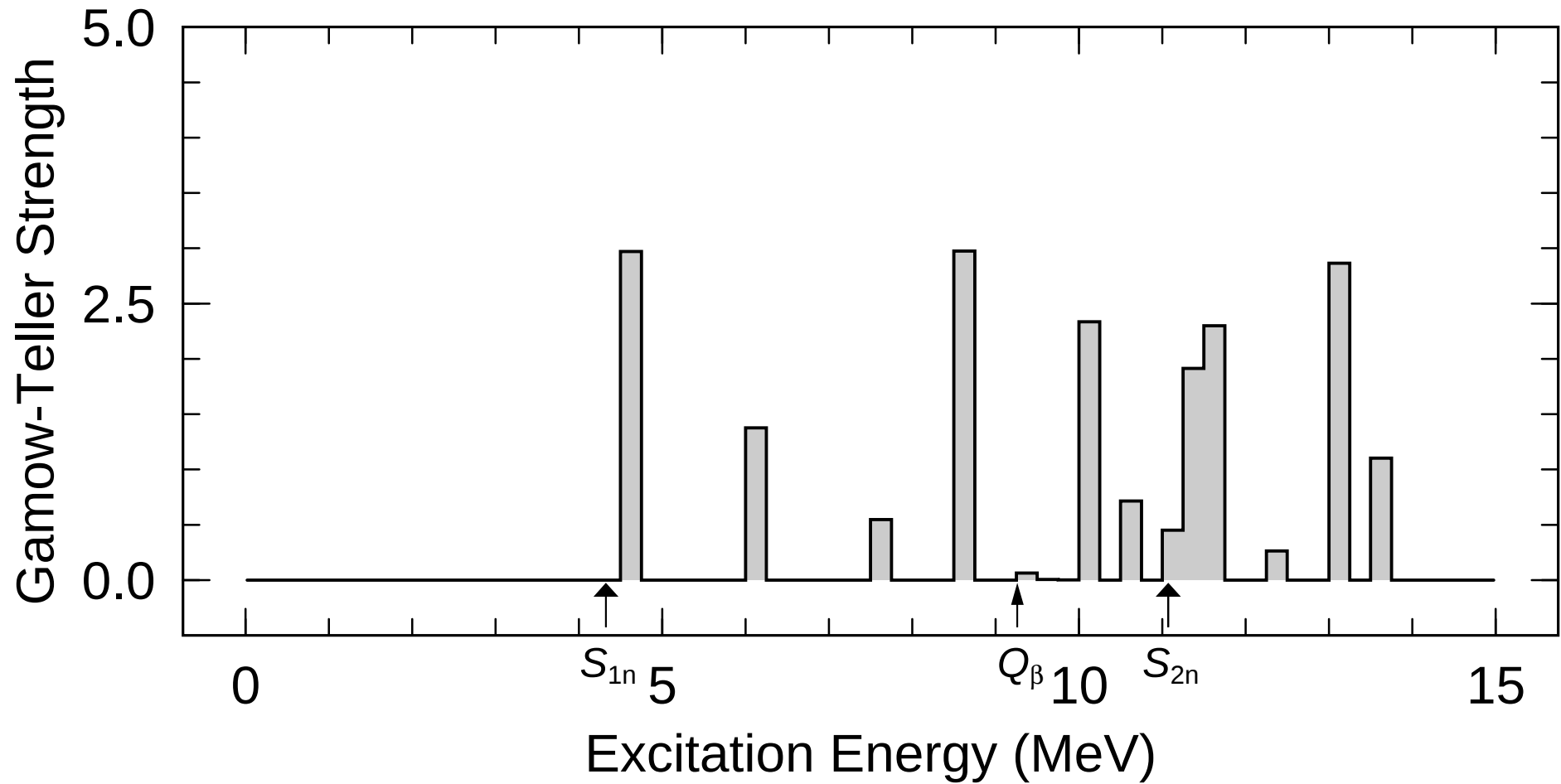
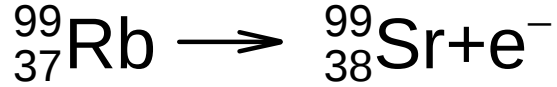


Figure 19

Folded-Yukawa potential

$P_{1n} = 29.93\%$ $T_{1/2} = 41.76$ (ms)



$\varepsilon_2 = 0.317$ $\Delta_n = 0.99$ MeV $\lambda_n = 33.36$ MeV

$\varepsilon_4 = 0.007$ $\Delta_p = 1.11$ MeV $\lambda_p = 30.48$ MeV

$\varepsilon_6 = -0.014$ (L-N) $a = 0.80$ fm

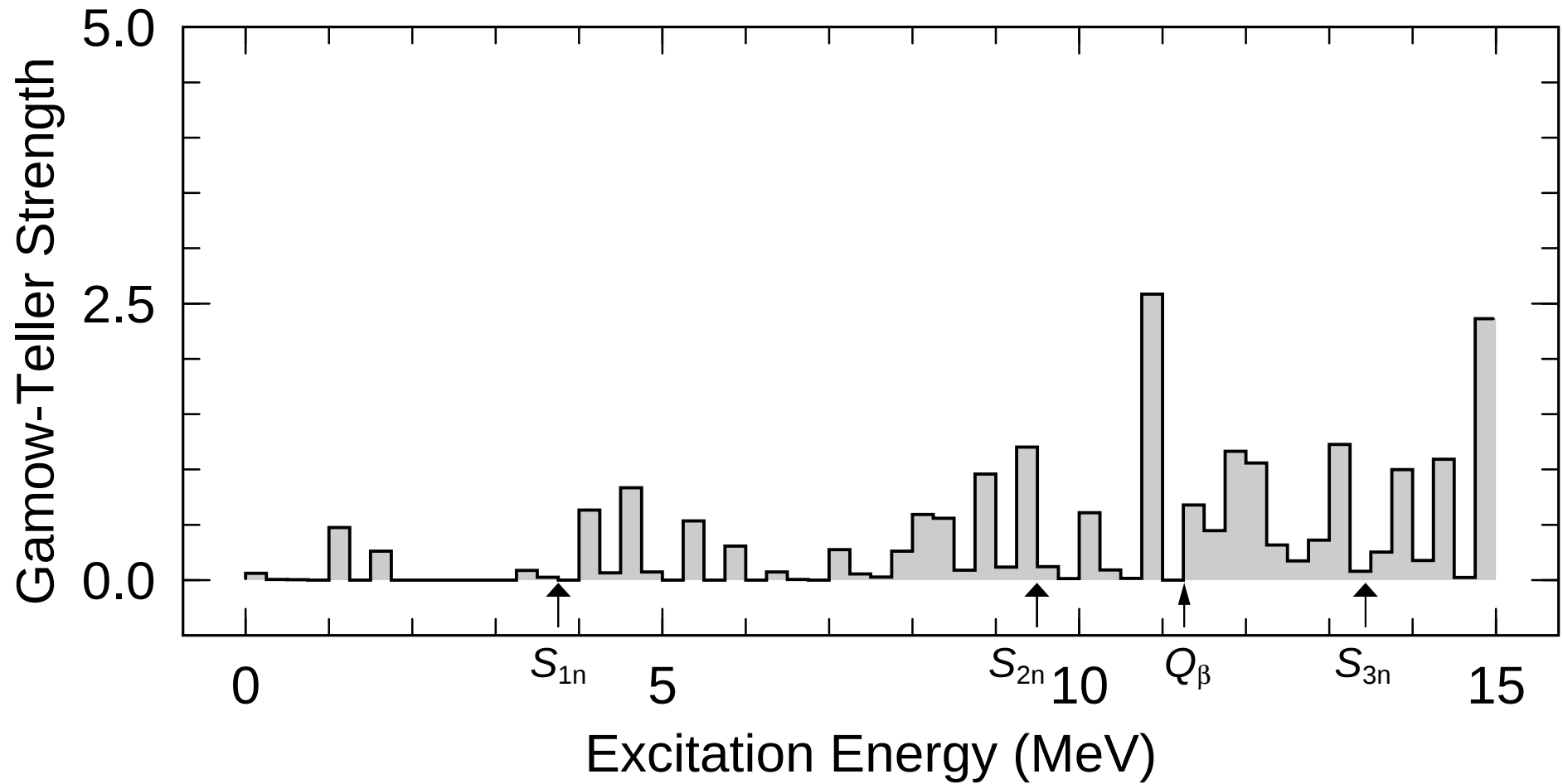


Figure 20

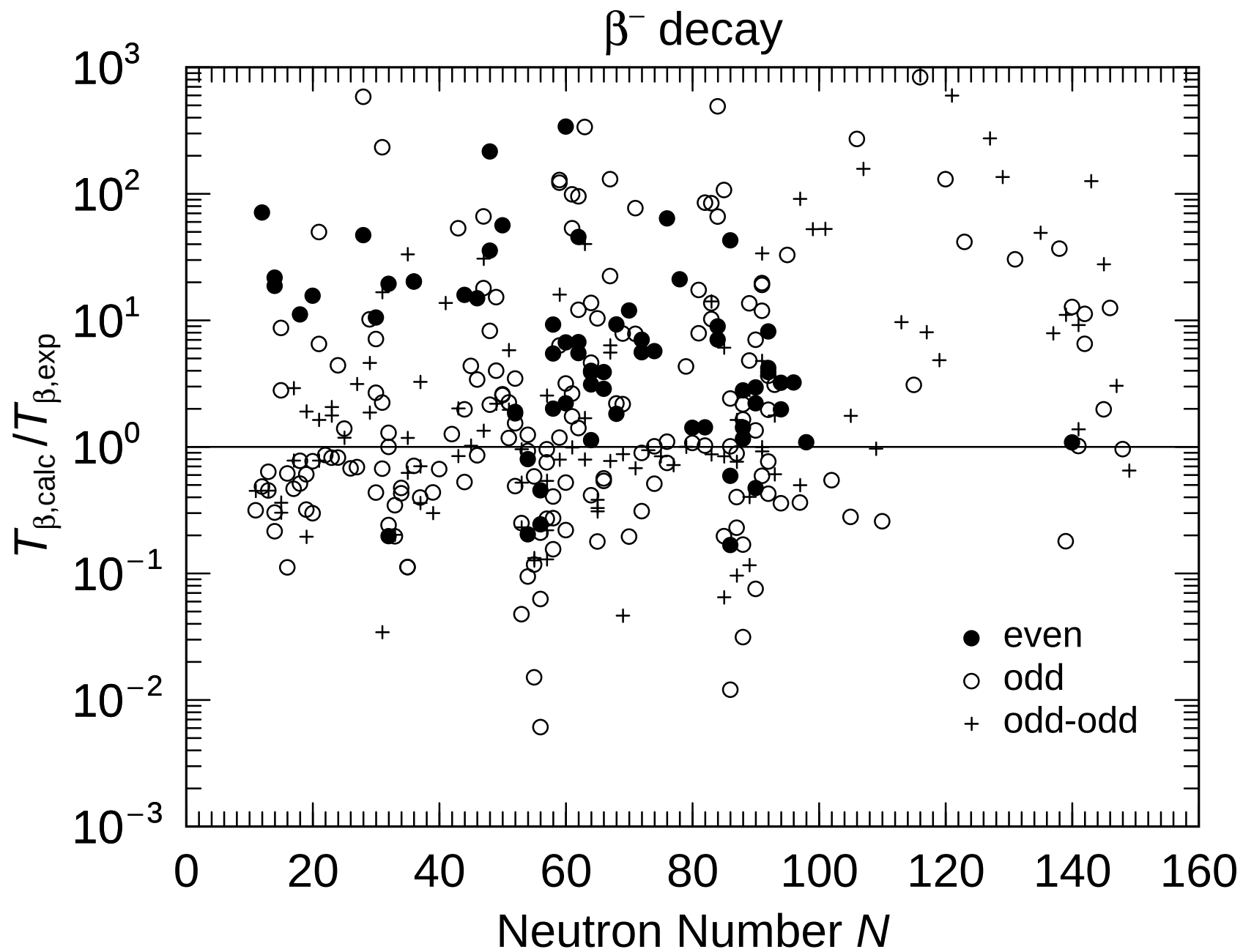


Figure 21

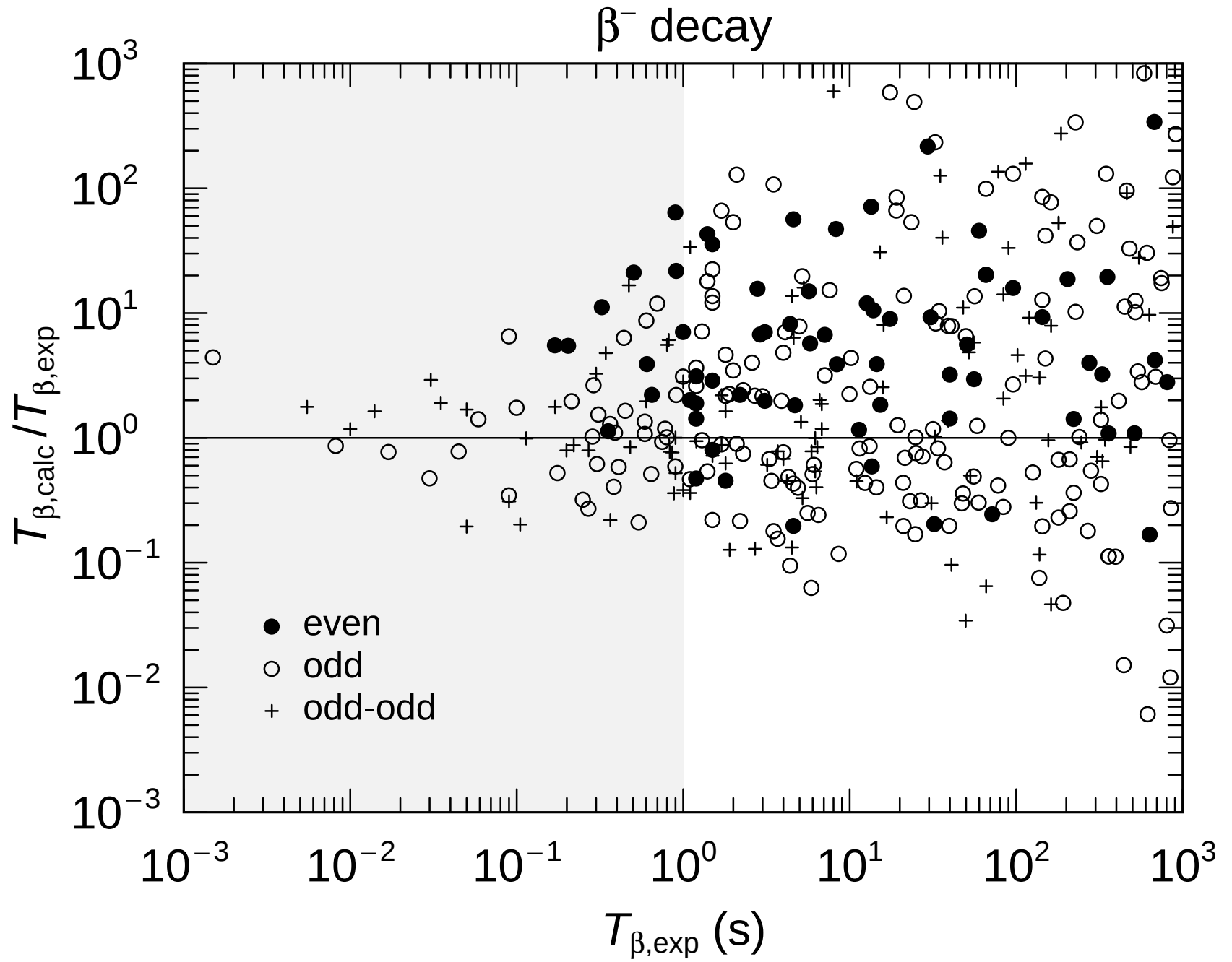


Figure 22

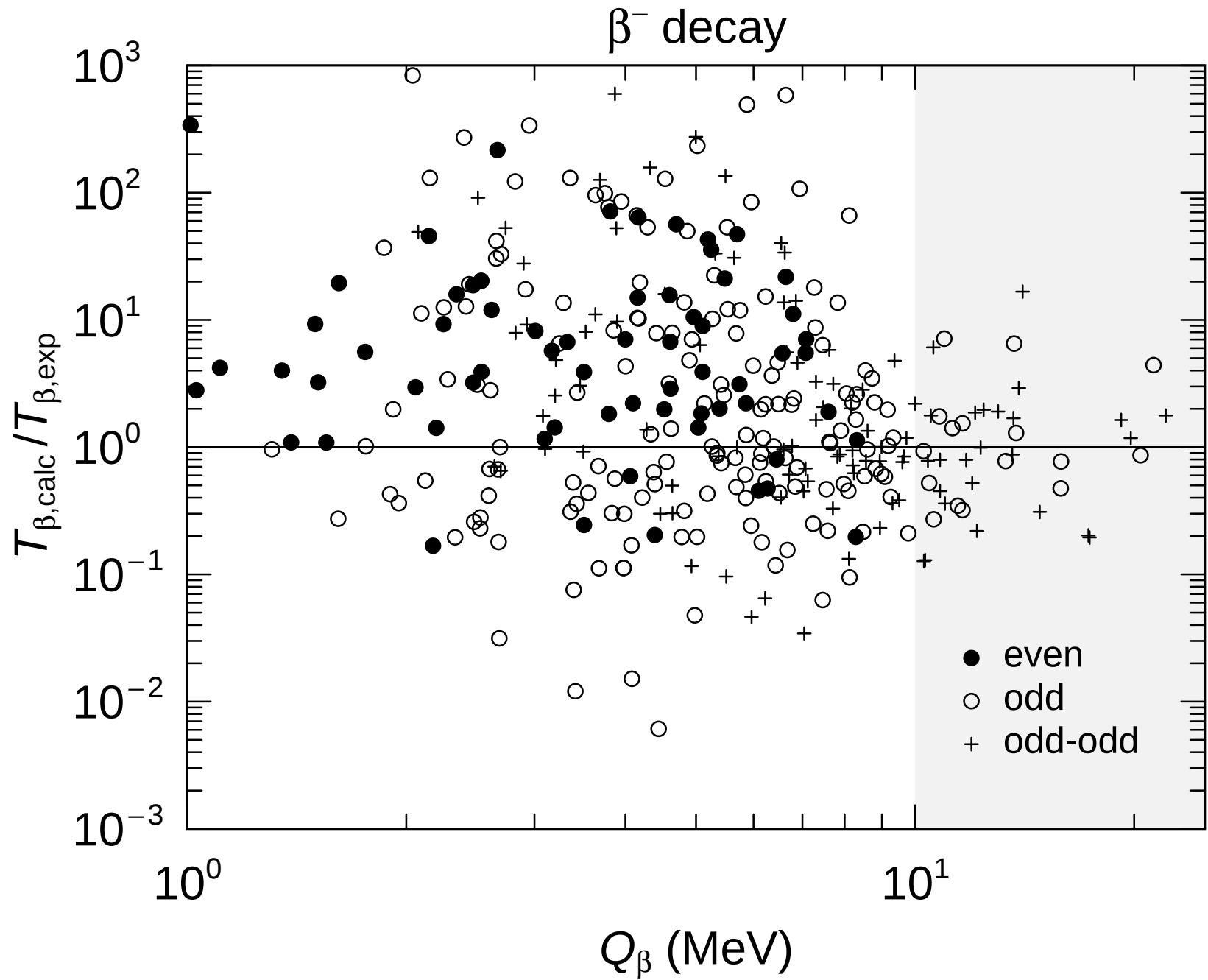


Figure 23

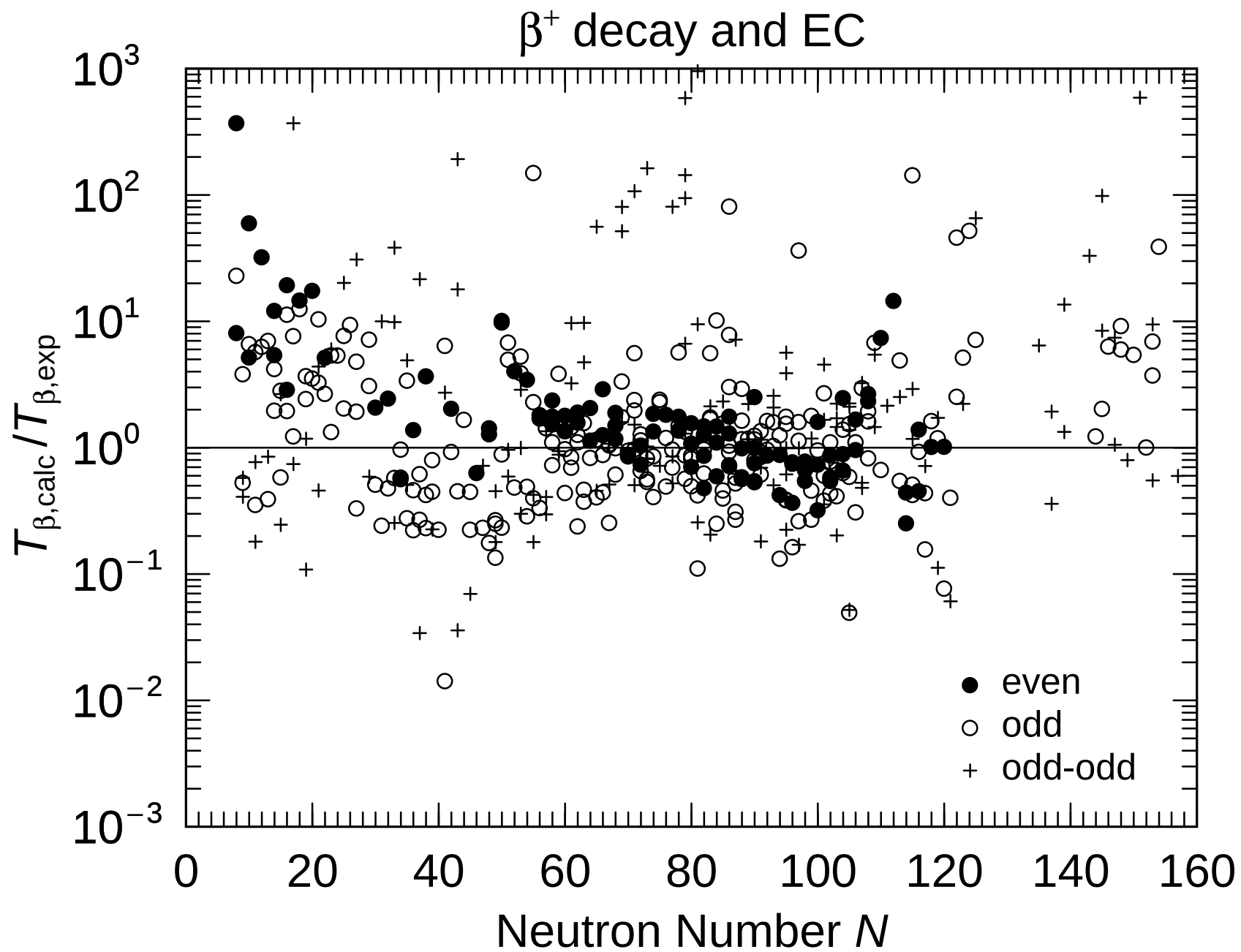


Figure 24

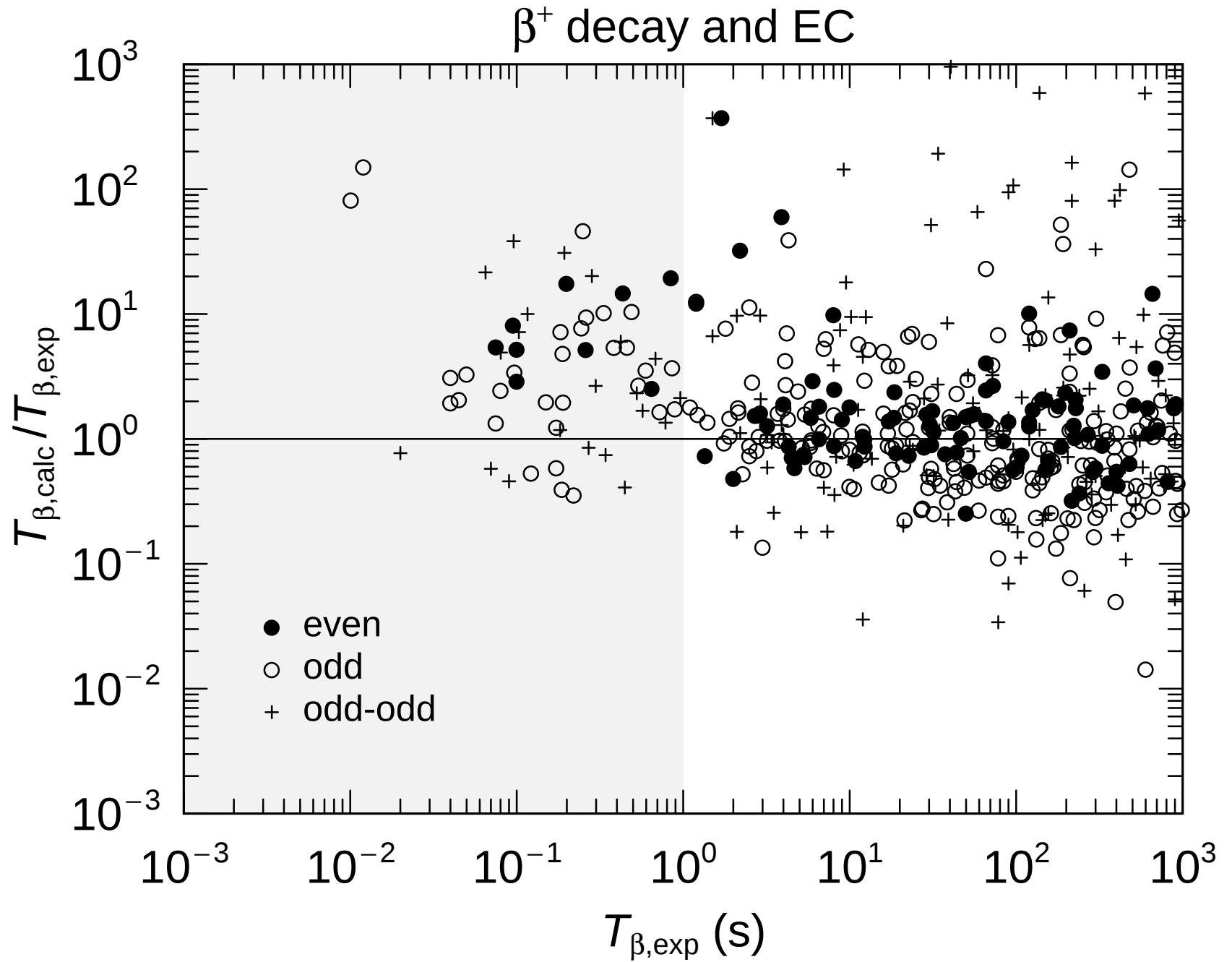


Figure 25

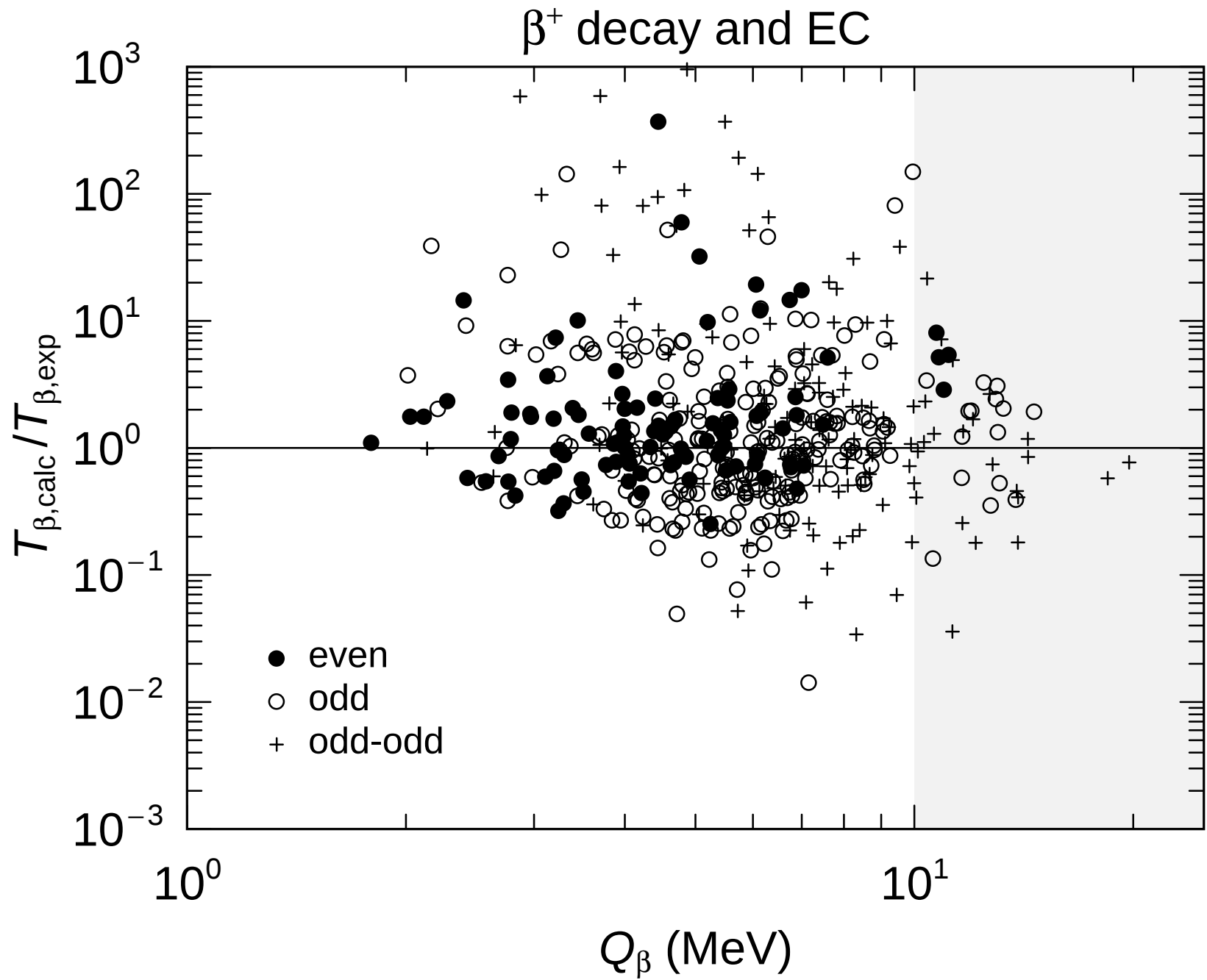


Figure 26

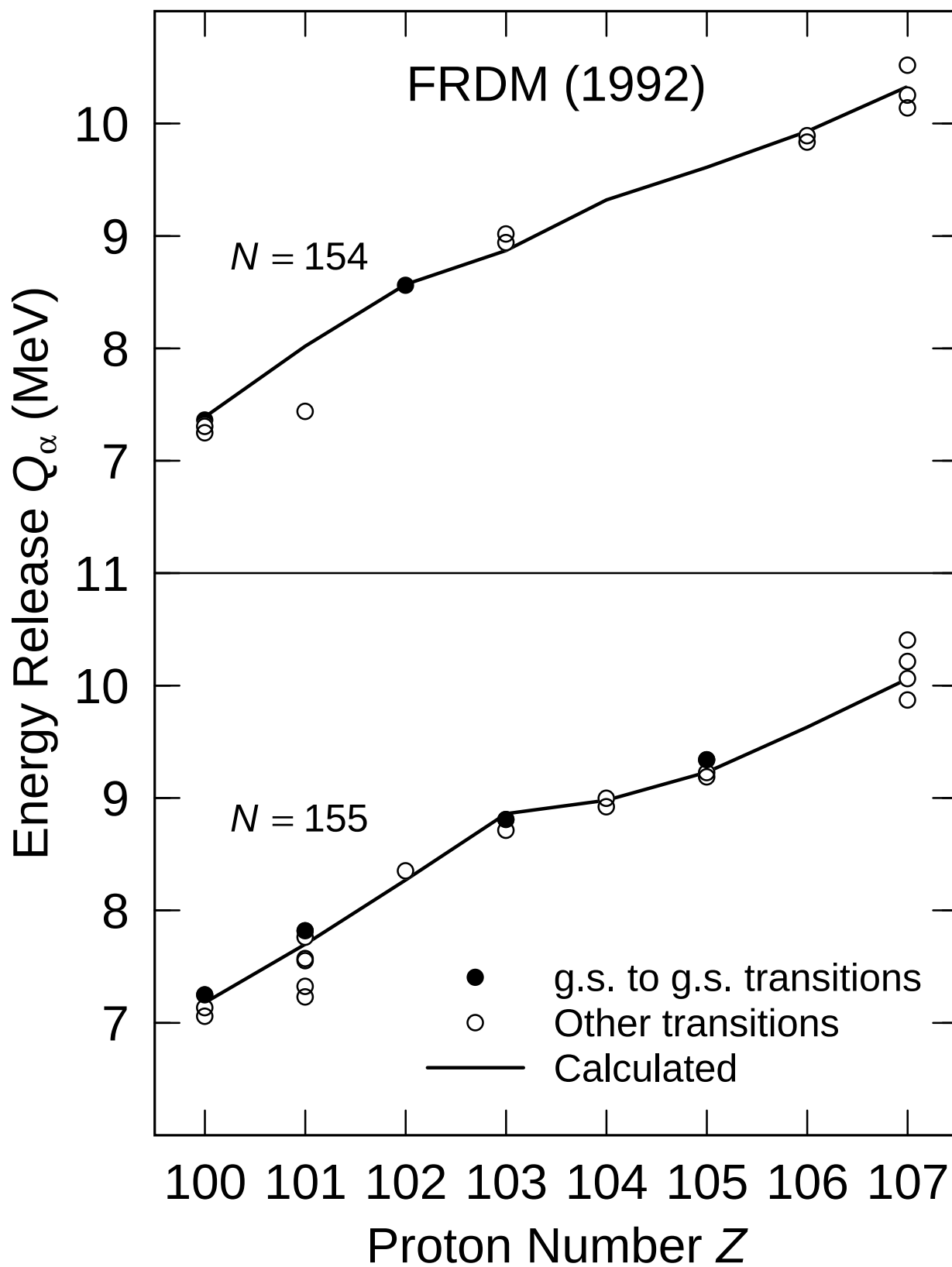


Figure 27

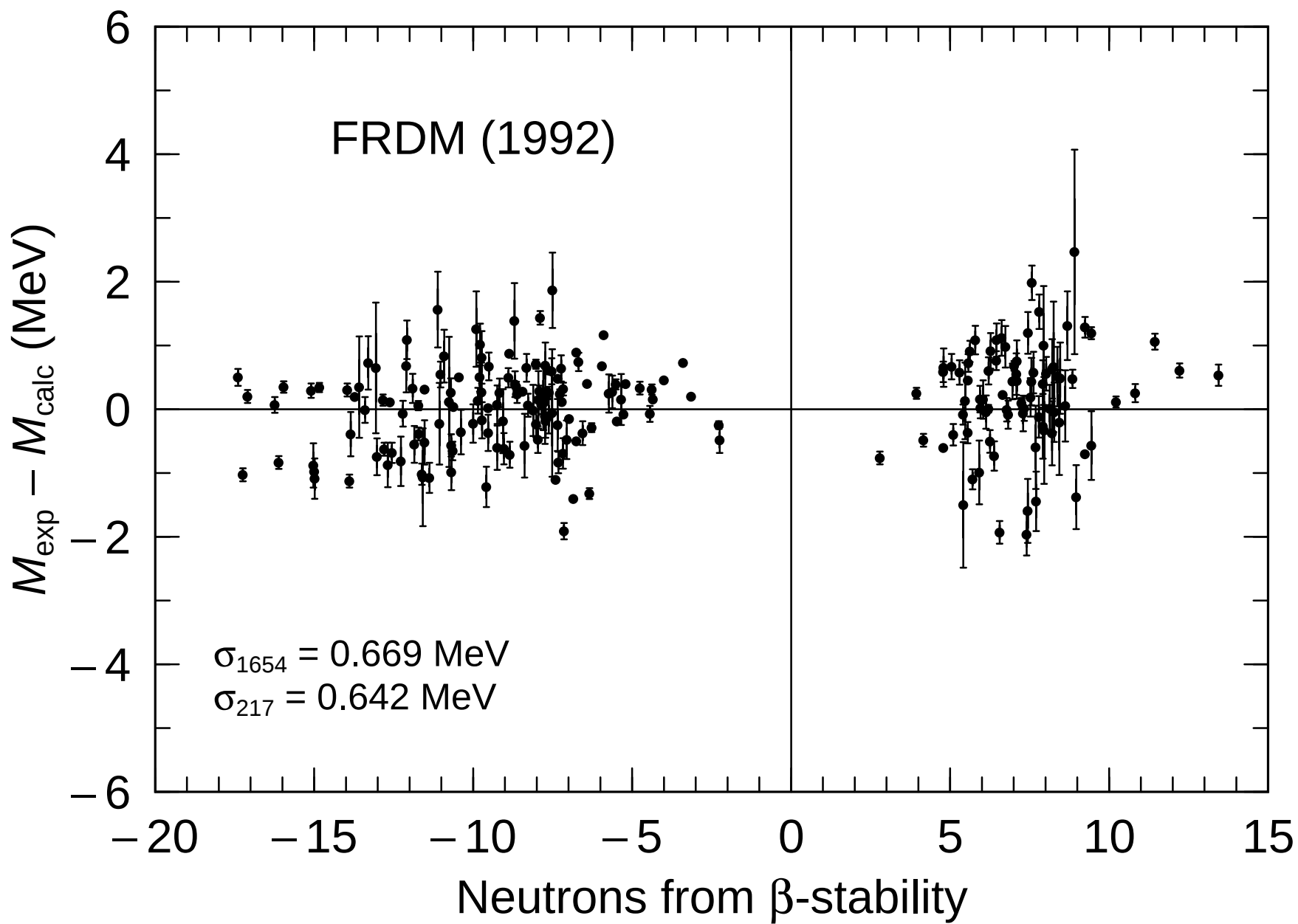


Figure 28

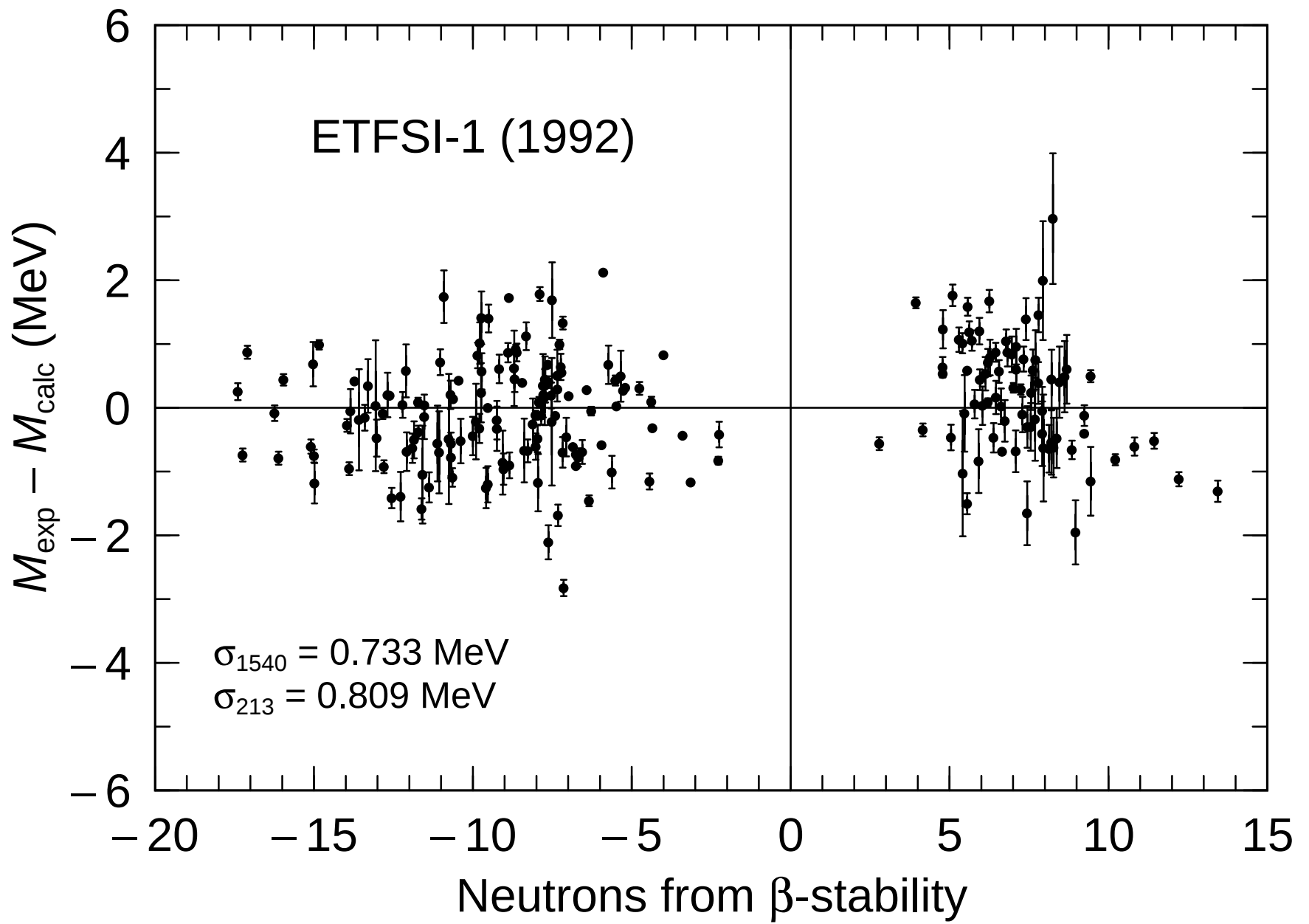


Figure 29

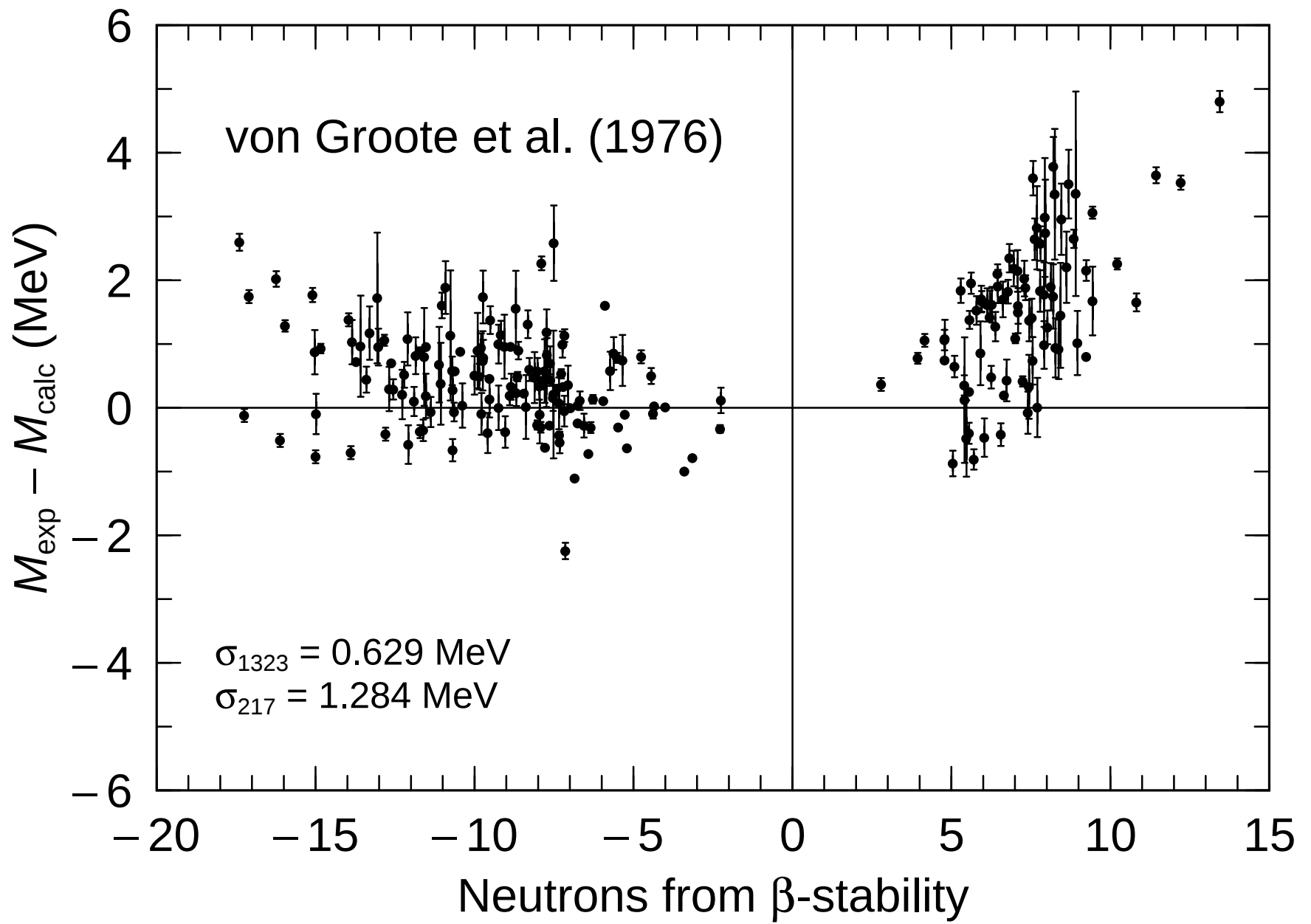


Figure 30

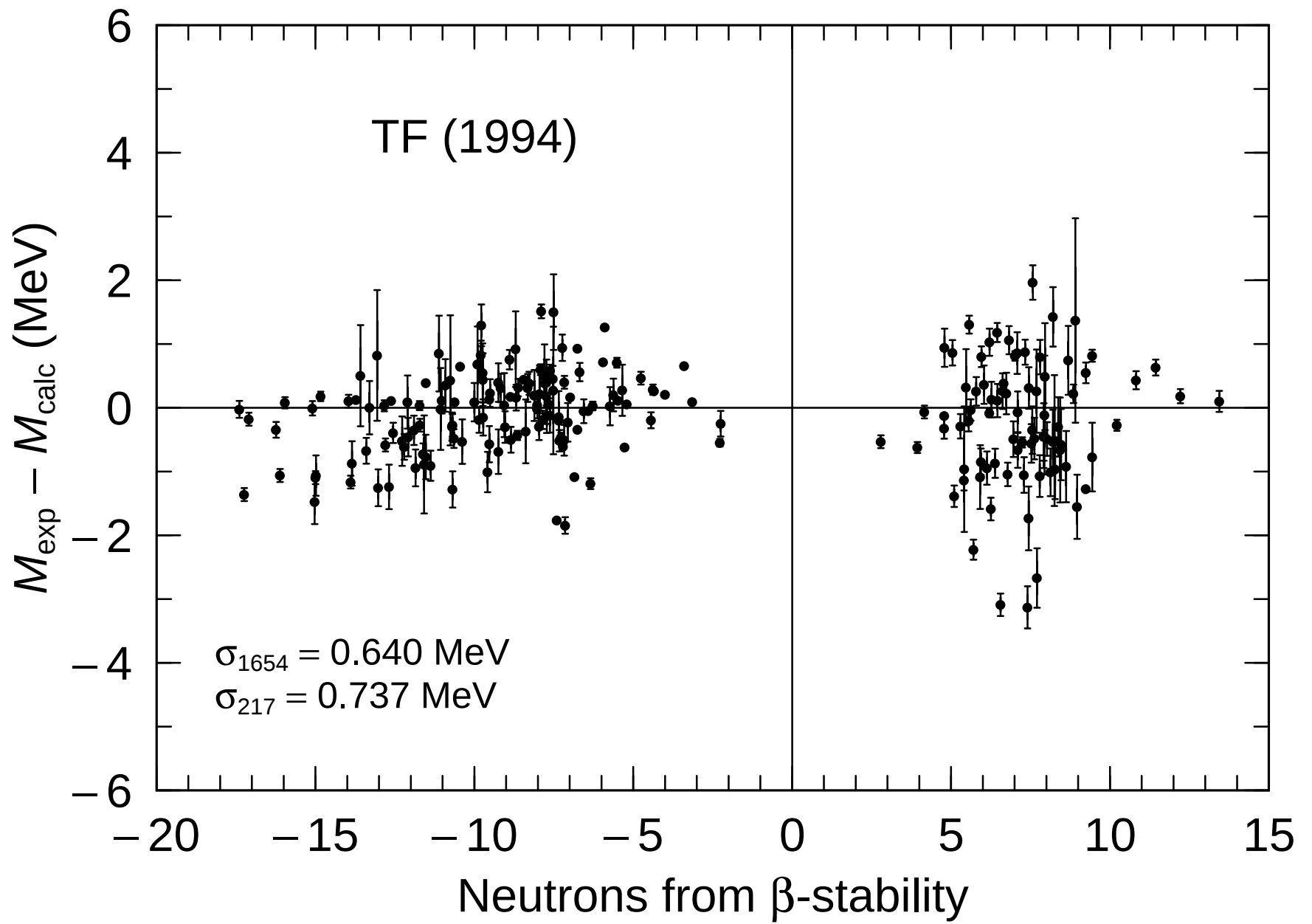


Figure 31

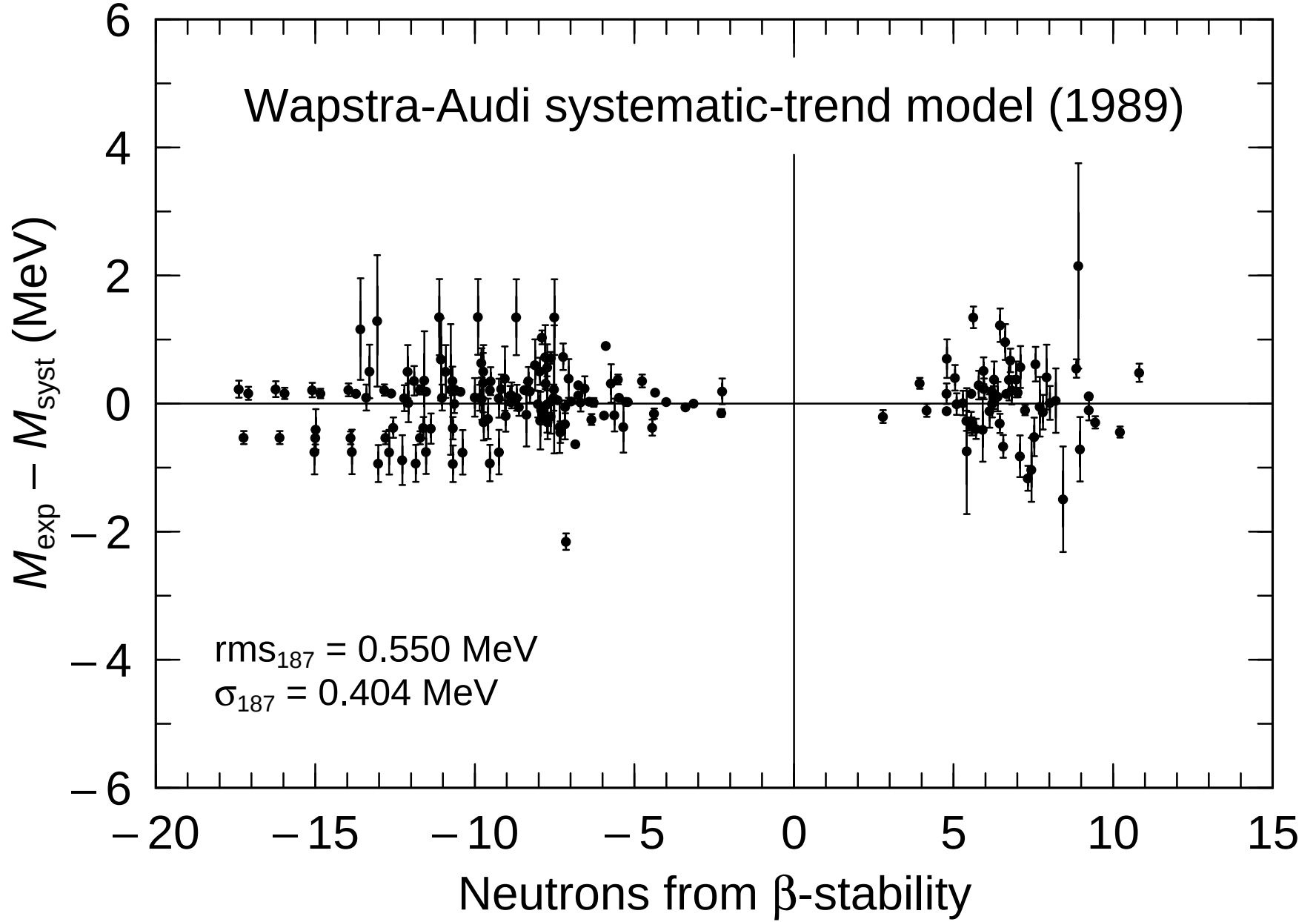


Figure 32

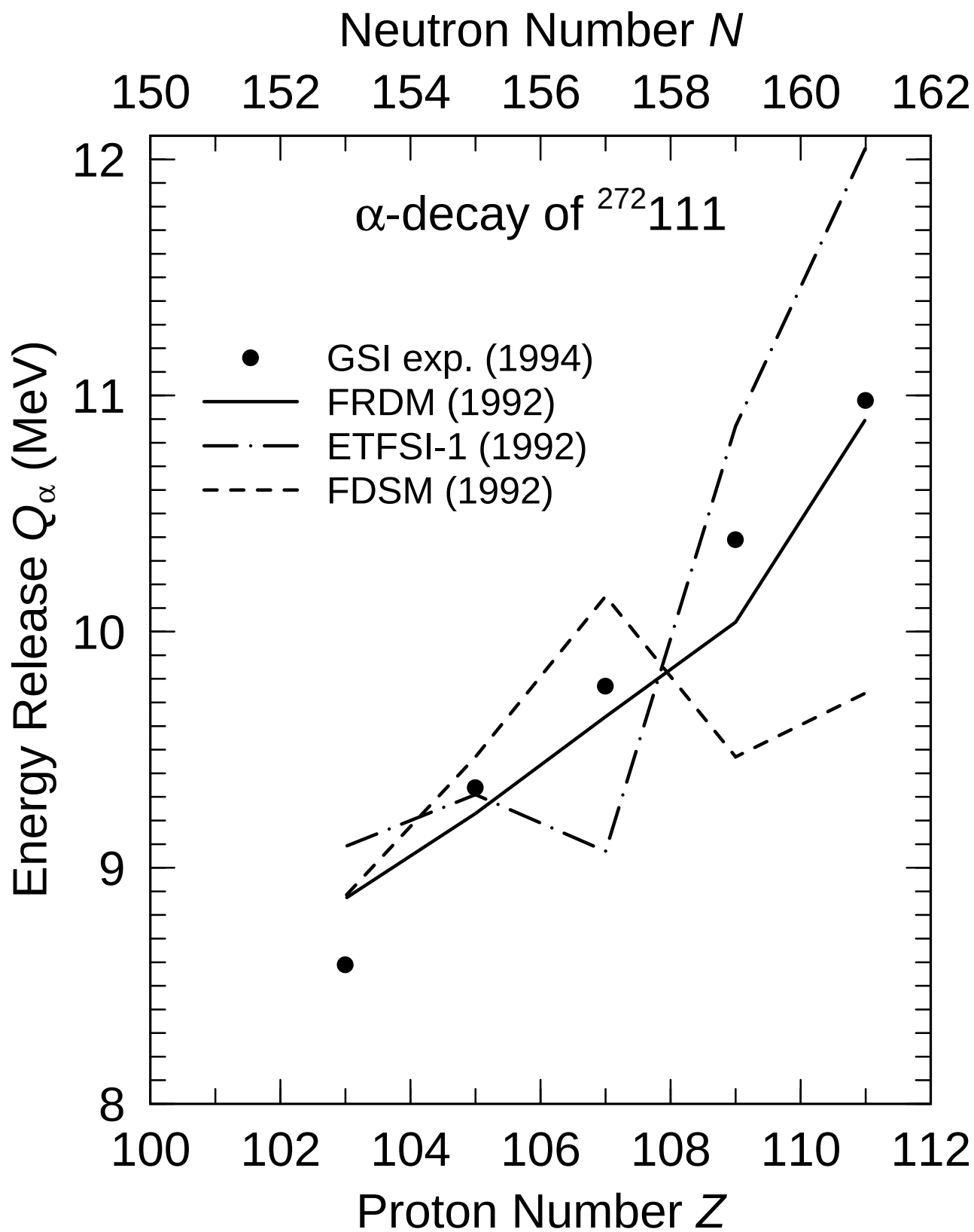


Figure 33

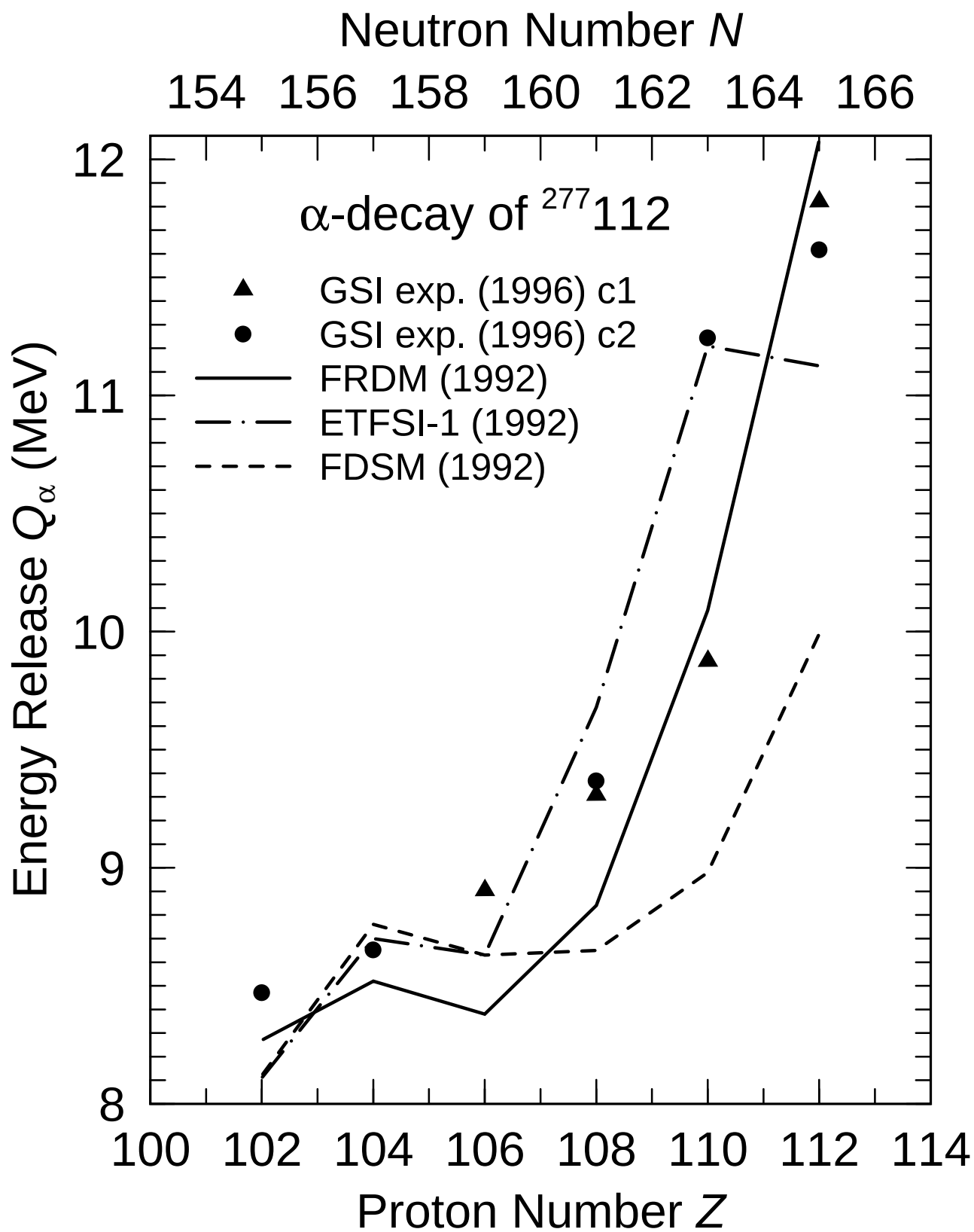


Figure 34

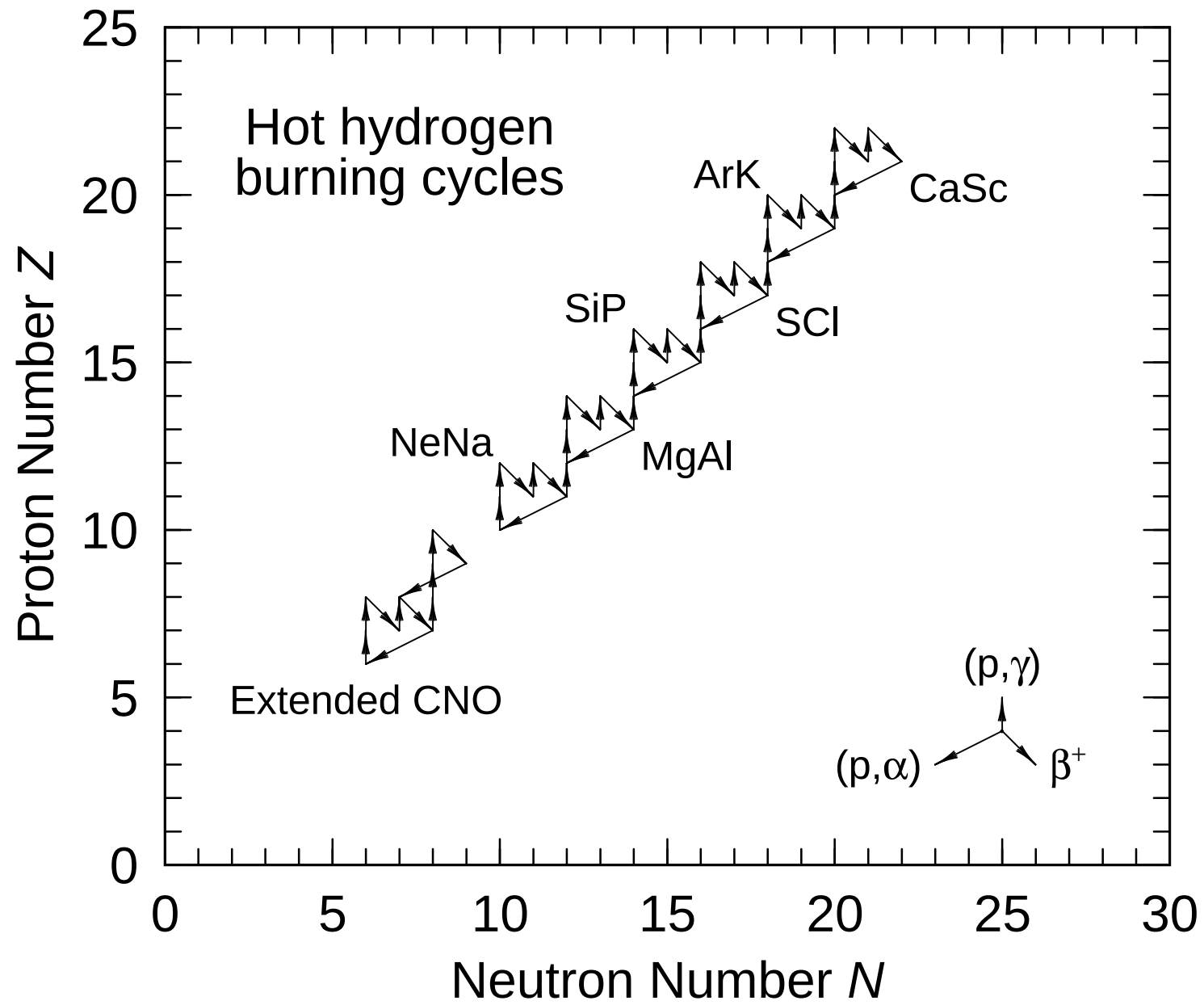


Figure 35

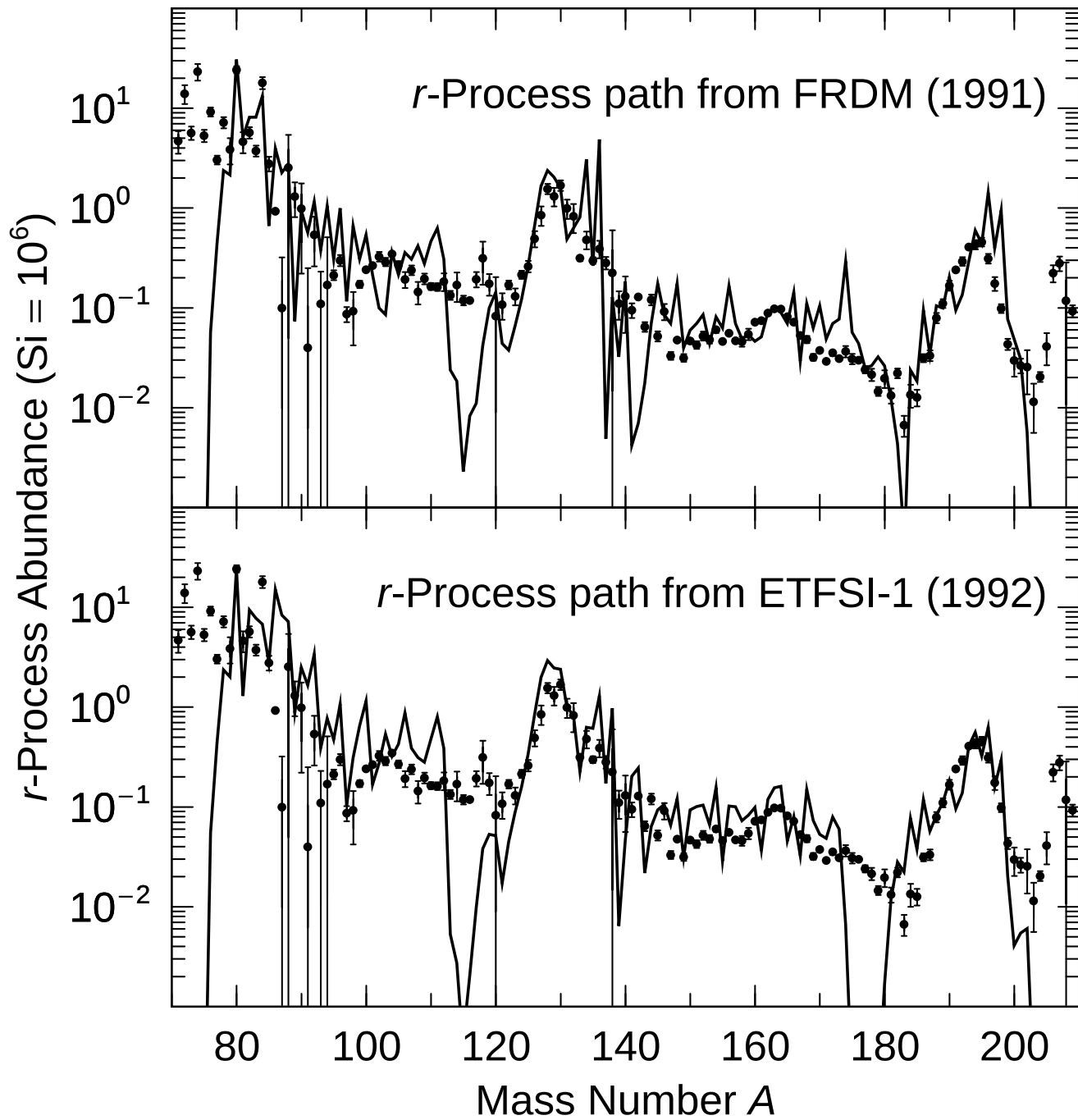


Figure 36

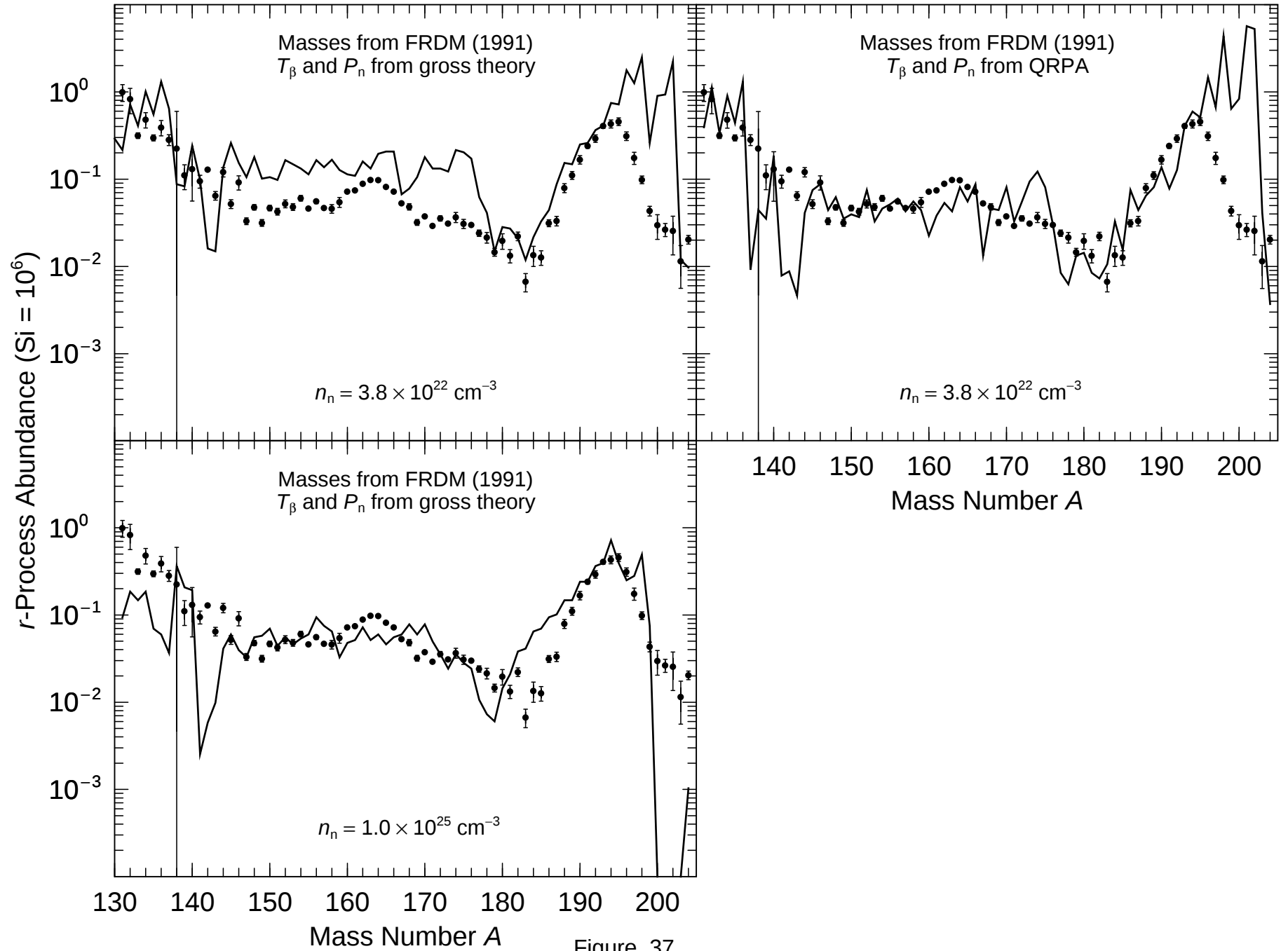


Figure 37