

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History</u> <u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Agda Artna-cohen	NDS 88,155 (1999)	31-Jul-1999

$Q(\beta^-) = -4.55 \times 10^3$  syst;  $S(n) = 7.8 \times 10^3$  syst;  $S(p) = 1.7 \times 10^3$  syst;  $Q(\alpha) = 9.68 \times 10^3$  syst [2012Wa38](#)

Note: Current evaluation has used the following Q record  $-4.5E3$  syst  $7.6E3$  syst  $1.4E3$  syst  $9.8E3$  syst [1995Au04](#).

Estimated  $\Delta Q(\beta^-) = 500$ ,  $\Delta S(n) = 500$ ,  $\Delta S(p) = 500$ ,  $\Delta Q(\alpha) = 300$  ([1995Au04](#)).

Calculations, compilations:

g.s. properties: [1997Mo25](#), [1995Mo29](#).

Single-particle Nilsson levels: [1994Cw02](#).

[1994Cw02](#) calculate the following single-particle level sequence: g.s.  $5/2[512]$ , 0.42 MeV  $9/2[642]$ , 0.75 MeV  $1/2[521]$ , 0.91 MeV  $11/2[615]$ , 1.16 MeV  $9/2[505]$ .

 $^{265}\text{Bh}$  Levels

<u>E(level)</u>	<u>Comments</u>
(0.0)	$^{265}\text{Bh}$ has not been observed. Calculated: $T_{1/2}(\alpha) \approx 0.3$ s ( <a href="#">1990Ha26</a> ); $T_{1/2}(\alpha) \approx 1 \times 10^2$ , $T_{1/2}(\text{SF}) \approx 1 \times 10^6$ ( <a href="#">1988Lo03</a> ).