

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jean Blachot	NDS 113,2391 (2012)	1-Sep-2012

$S(n)=1.11\times 10^4$ syst; $S(p)=1.6\times 10^3$ syst; $Q(\alpha)=2.9\times 10^3$ syst [2012Wa38](#)

Note: Current evaluation has used the following Q record 1.11×10^4 syst 1.6×10^3 syst 2.9×10^3 syst [2011AuZZ](#).

$\Delta S(n)=600$, $\Delta S(p)=60$, $\Delta Q(\alpha)=60$ [2011AuZZ](#).

Production: ^{58}Ni beam on ^{58}Ni or ^{63}Cu targets; "GSI" on-line mass separator ([1995Gu01](#)).

 ^{115}Ba Levels

<u>E(level)</u>	<u>Jπ</u>	<u>T$_{1/2}$</u>	<u>Comments</u>
0.0	(5/2 ⁺)	0.45 s 5	$\% \epsilon + \% \beta^+ = 100$; $\% \beta^+ p > 15$ T $_{1/2}$: from 1997Ja12 . Other: 400 ms 200 (1995Gu01). J π : from systematics.