## Adopted Levels

|  | History |  |  |
| --- | --- | --- | --- |
| Type | Author | Citation | Literature Cutoff Date |
| Full Evaluation | Coral M. Baglin | NDS 112,1163 (2011) | 15-Dec-2010 |

$Q(\beta^-)=1.23\times10^4$ *syst*; $S(n)=2.1\times10^3$ *syst*; $S(p)=1.70\times10^4$ *syst*; $Q(\alpha)=-9.4\times10^3$ *syst*    2012Wa38

Note: Current evaluation has used the following Q record 12.33E3  syst 2140  SY16.81E3 syst-9290  syst
    2003Au03,2009AuZZ.

$S(n)$, $Q(\alpha)$: from 2009AuZZ (cf. 17080, −9450, respectively, from 2003Au03).

$\Delta Q(\beta)=800$, $\Delta S(n)=1000$, $\Delta S(p)=1210$ (2003Au03,2009AuZZ).

$Q(\beta^-n)=7780$ *800* from systematics (2009AuZZ) (cf. 7790 syst from 2003Au03.

Produced by Pb($^{238}$U,F), E=750 MeV/nucleon, identification by time-of-flight (1995CzZZ; $^9$Be($^{238}$U,F), E=750 MeV/nucleon
    (1997Be70).

## $^{93}$Se Levels

| E(level) | $J^\pi$ | Comments |
| --- | --- | --- |
| 0.0 | $(1/2^+)$ | $\%\beta^-=100$<br>$T_{1/2}$: 1995CzZZ report that a detectable number of nuclei survived the 150 ns flight path through the fragment mass separator.<br>$J^\pi$: from systematics. |