
Adopted Levels

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	S. Lalkovski, J. Timar and Z. Elekes		NDS 161, 1 (2019)	1-Apr-2019

$Q(\beta^-)=12660$ SY; $S(n)=-2576$ SY; $Q(\alpha)=-11908$ SY [2017Wa10](#)

$\Delta Q(\beta^-)=1430$; $\Delta S(n)=585$; $\Delta Q(\alpha)=711$ (all from systematics).

[2015Lo04](#): Facility: BigRIPS, RIKEN; Beam: $E(^{238}\text{U})=345$ MeV/nucleon, 0.3 pA; Target: 550 mg/cm² Be; Detectors: BigRIPS, WAS3ABi, EURICA; Measured: γ , HI- $\beta(t)$; Deduced: Mass separated source produced in $^{238}\text{U}+\text{Be}$ reaction; $T_{1/2}$; Also, from the same colabration: [2011Ni01](#), [2011NiZY](#).

 ^{105}Sr Levels

E(level)	$T_{1/2}$	Comments
0.0	39 ms 5	$\% \beta^- = 100$; $\% \beta^- n = ?$; $\% \beta^- 2n = ?$ theoretical $\% \beta^- n = 19$ (2019Mo01). J^π : $1/2^+$ from theoretical considerations (2019Mo01); $[5/2^+]$ assumed by the evaluators from systematics. $T_{1/2}$: from 2015Lo04 ; Also: 40 ms +36-13 in 2011Ni01 from a maximum-likelihood analysis of HI- $\beta(t)$; assumed to correspond to the ^{105}Sr g.s. configuration: $5/2^+[413]$ assumed by the evaluators on the basis of J^π from systematics.