
Adopted Levels

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Khalifeh Abusaleem	NDS 116, 163 (2014)	31-Dec-2012

$Q(\beta^-)=1874$ 22; $S(n)=5714$ 23; $S(p)=9529$ SY; $Q(\alpha)=2908$ SY [2012Wa38](#)

$\Delta S(p)=299$, $\Delta Q(\alpha)=196$ ([2012Wa38](#)).

[1989Bo11](#): ^{228}Rn produced in $^{232}\text{Th}(p,5p)$, $E(p)=600$ MeV; identified by mass-separation and genetic relationship to ^{228}Fr .

[2010Al24](#): ^{228}Rn produced by $^9\text{Be}(^{238}\text{U},X)$ reaction with a beam energy of 1 GeV/nucleon from the SIS synchrotron at GSI facility (see discussion in ^{228}At).

Mass determination: [2009Ne03](#), [2012Ch19](#).

 ^{228}Rn Levels

E(level)	J^π	$T_{1/2}$	Comments
0.0	0^+	65 s 2	$\% \beta^- = 100$ $T_{1/2}$: from 1989Bo11 .