

$^{82}\text{Se}(p,n)$  1970Fi03

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	J. K. Tuli, E. Browne	NDS 157, 260 (2019)	1-Mar-2019

E= 3.20 MeV. Measured n spectrum, TOF. The g.s. is not observed. Energies originally deduced by the authors assumed  $Q(p,n)=-871$  keV 8. Evaluators revised these to account for the recent (2017Wa10)  $Q(p,n)=-877.5$  keV 11. See also measurement and coupled-channels analysis of analogs from (p,n), E=19 MeV to 25 MeV (1982Wo06).

 $^{82}\text{Br}$  Levels

E(level)	E(level)	E(level)	E(level)
64 <sup>†</sup>	850	1278	1723
289	928	1368	1752
362	987	1385	1776
419	1021	1434	1809
471	1056	1480	1832
542	1076	1491	1868
640	1110	1537	1899
686	1153	1550	1918
766	1184	1631	1944
824	1237	1680	

<sup>†</sup> Broad neutron line, possibly contains two levels.