

$^{82}\text{Se}(\text{p},\text{p}'\gamma)$ 1974MuZB

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

E=7 MeV. Enriched target.

 ^{82}Se Levels

E(level)	$J^{\pi\dagger}$
0	0 ⁺
654.90 20	2 ⁺
1409.7 6	0 ⁺
1731.2 6	2 ⁺
1735.6 6	4 ⁺
2549.6 11	(4 ⁺)
2625.9 16	(0 ⁺)
3010.0 16	3 ⁻

[†] From Adopted Levels.

 $\gamma(^{82}\text{Se})$

E_{γ}	$E_i(\text{level})$	J_i^{π}	E_f	J_f^{π}
654.9 2	654.90	2 ⁺	0	0 ⁺
754.8 5	1409.7	0 ⁺	654.90	2 ⁺
818.0 15	2549.6	(4 ⁺)	1731.2	2 ⁺
1076.2 8	1731.2	2 ⁺	654.90	2 ⁺
1080.7 5	1735.6	4 ⁺	654.90	2 ⁺
1731.2 7	1731.2	2 ⁺	0	0 ⁺
1895.0 15	2549.6	(4 ⁺)	654.90	2 ⁺
1971.0 15	2625.9	(0 ⁺)	654.90	2 ⁺
2355.1 15	3010.0	3 ⁻	654.90	2 ⁺

$^{82}\text{Se}(p,p'\gamma)$ 1974MuZB

Level Scheme

