

$^{162}\text{Dy}(^{36}\text{S},\text{F})$ 1996Po06

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 1745 (2009)	31-Dec-2008

E= 162 MeV. Measured γ , $\gamma\gamma$ with EUROGAM array of 30 Ge detectors.

 ^{102}Ru Levels

<u>E(level)</u>	<u>J^π</u>
0 [†]	0 ⁺
475 [†]	2 ⁺
1107 [†]	4 ⁺
1874 [†]	6 ⁺
2705 [†]	8 ⁺
3432 [†]	10 ⁺
4053 [†]	12 ⁺
4804 [†]	14 ⁺

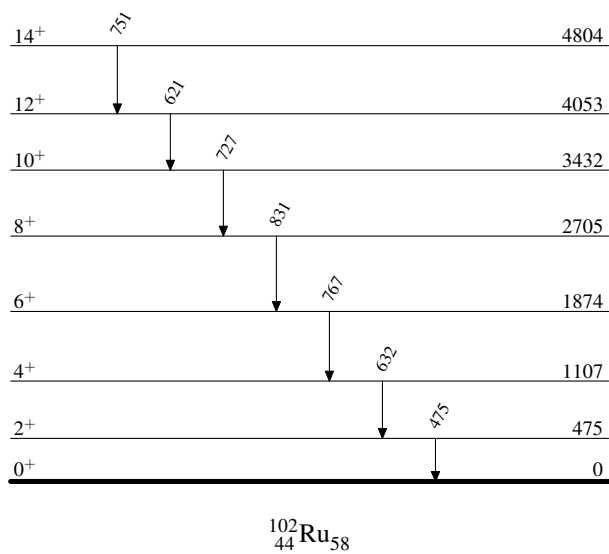
[†] Band(A): g.s. band.

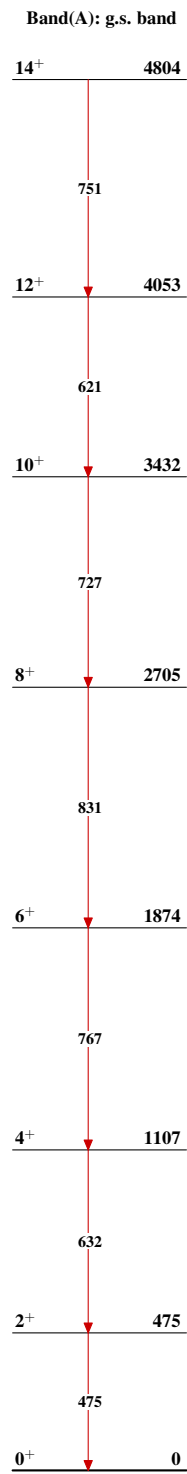
[‡] From Adopted Levels.

 $\gamma(^{102}\text{Ru})$

All γ rays reported here are strong.

<u>E_γ</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
475	475	2 ⁺	0	0 ⁺
621	4053	12 ⁺	3432	10 ⁺
632	1107	4 ⁺	475	2 ⁺
727	3432	10 ⁺	2705	8 ⁺
751	4804	14 ⁺	4053	12 ⁺
767	1874	6 ⁺	1107	4 ⁺
831	2705	8 ⁺	1874	6 ⁺

$^{162}\text{Dy}(^{36}\text{S},\text{F})$ 1996Po06Level Scheme

$^{162}\text{Dy}^{(36\text{S},\text{F})}$ 1996Po06 $^{102}_{44}\text{Ru}_{58}$