

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

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	Jean Blachot	NDS 108,2035 (2007)	30-Mar-2007

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

 ^{104}Ru Levels

<u>E(level)</u>	<u>J^π</u>
0.0 [†]	0 ⁺
358.0 [†] 10	2 ⁺
889.0 [†] 15	4 ⁺
1557.0 [†] 18	6 ⁺
2321.0 [†] 20	(8 ⁺)
3113.0 [†] 23	(10 ⁺)
3715.0 [†] 25	(12 ⁺)
4441 [†] 3	(14 ⁺)

[†] Band(A): g.s. band.

 $\gamma(^{104}\text{Ru})$

<u>E_γ[†]</u>	<u>I_γ</u>	<u>$E_i(\text{level})$</u>	<u>J_i^π</u>	<u>E_f</u>	<u>J_f^π</u>
358 1	100	358.0	2 ⁺	0.0	0 ⁺
531 1	100	889.0	4 ⁺	358.0	2 ⁺
602 1	21	3715.0	(12 ⁺)	3113.0	(10 ⁺)
668 1	72	1557.0	6 ⁺	889.0	4 ⁺
726 1	14	4441	(14 ⁺)	3715.0	(12 ⁺)
764 1	43	2321.0	(8 ⁺)	1557.0	6 ⁺
792 1	29	3113.0	(10 ⁺)	2321.0	(8 ⁺)




[†] ΔE not given, assumed to be 1 keV by evaluator.

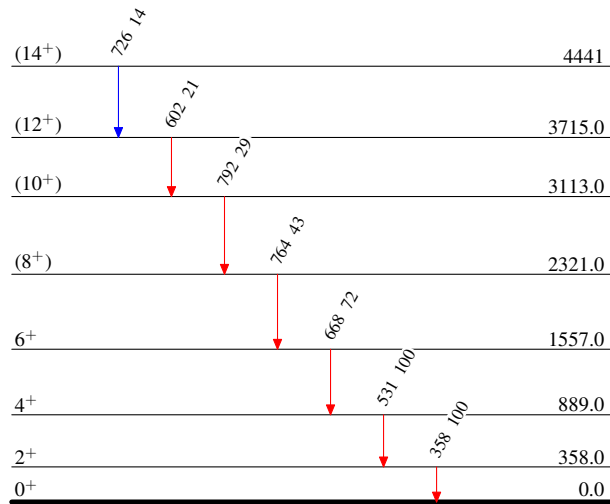
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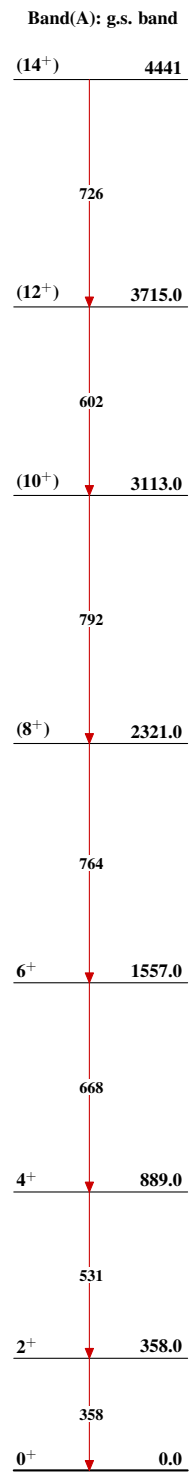
Level Scheme

Intensities: Type not specified

Legend

-  $I_\gamma < 2\% \times I_\gamma^{\text{max}}$
-  $I_\gamma < 10\% \times I_\gamma^{\text{max}}$
-  $I_\gamma > 10\% \times I_\gamma^{\text{max}}$

 $^{104}_{44}\text{Ru}_{60}$

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