

$^{96}\text{Zr}(^9\text{Be},3n\gamma)$ 2003Re10

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

E=44 MeV. Measured E_γ , I_γ , $\gamma\gamma$ using YRASTBALL array.

 ^{102}Ru Levels

E(level)	J^π	E(level)	J^π	E(level)	J^π	E(level)	J^π
0 [†]	0 ⁺	1876 [†]	6 ⁺	4057 [†]	12 ⁺	6791 [†]	18 ⁺
476 [†]	2 ⁺	2708 [†]	8 ⁺	4810 [†]	14 ⁺	7999 [†]	20 ⁺
1108 [†]	4 ⁺	3436 [†]	10 ⁺	5726 [†]	16 ⁺		

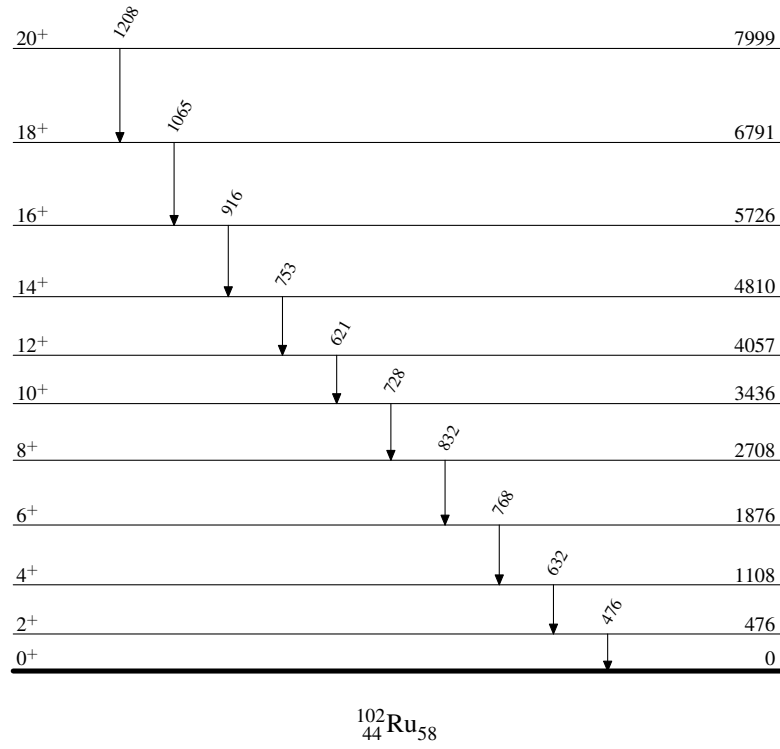
[†] Band(A): Yrast sequence.

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

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
476	476	2 ⁺	0	0 ⁺
621	4057	12 ⁺	3436	10 ⁺
632	1108	4 ⁺	476	2 ⁺
728	3436	10 ⁺	2708	8 ⁺
753	4810	14 ⁺	4057	12 ⁺
768	1876	6 ⁺	1108	4 ⁺
832	2708	8 ⁺	1876	6 ⁺
916	5726	16 ⁺	4810	14 ⁺
1065	6791	18 ⁺	5726	16 ⁺
1208	7999	20 ⁺	6791	18 ⁺

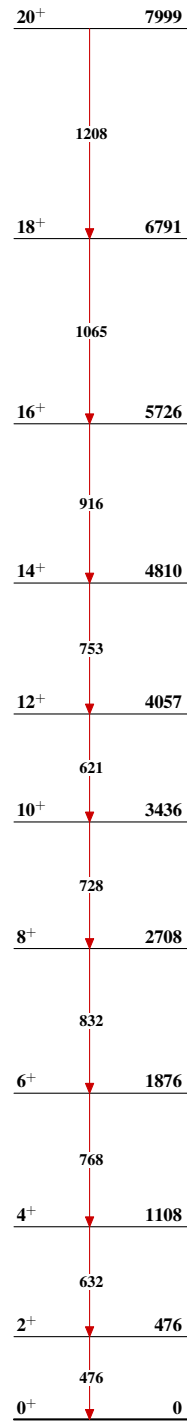
$^{96}\text{Zr}(^9\text{Be},3n\gamma)$ 2003Re10

Level Scheme



$^{96}\text{Zr}(^9\text{Be},3n\gamma)$ 2003Re10

Band(A): Yrast sequence

 $^{102}_{44}\text{Ru}_{58}$