

$^{58}\text{Ni}(^{32}\text{S},2n\gamma)$  2001Ma15

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	E. A. Mccutchan and A. A. Sonzogni		NDS 115, 135 (2014)	1-Nov-2013

$E(^{32}\text{S})=105$  MeV. Measured  $E\gamma$  and  $\gamma\gamma$  using GASP array consisting of 40 Compton-suppressed HPGe detectors and a BGO inner ball. Channel selection performed with the ISIS silicon ball consisting of 40  $\Delta E$ -E telescopes and the n-Ring detector consisting of six liquid scintillators.

 $^{88}\text{Ru}$  Levels

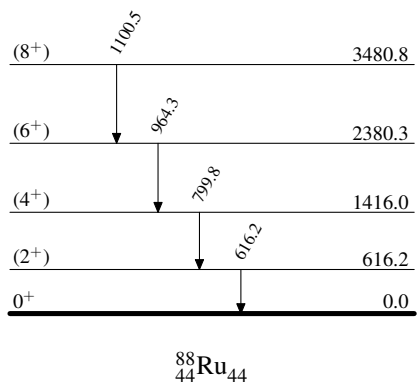
E(level)	$J^{\pi\dagger}$
0.0 $\ddagger$	0 <sup>+</sup>
616.2 $\ddagger$ 5	(2 <sup>+</sup> )
1416.0 $\ddagger$ 7	(4 <sup>+</sup> )
2380.3 $\ddagger$ 9	(6 <sup>+</sup> )
3480.8 $\ddagger$ 10	(8 <sup>+</sup> )

$\dagger$  From systematics of N=44 and N=Z even-even nuclei.

$\ddagger$  Band(A): g.s. band.

 $\gamma(^{88}\text{Ru})$ 

$E_{\gamma}$	$E_i(\text{level})$	$J_i^{\pi}$	$E_f$	$J_f^{\pi}$
616.2 5	616.2	(2 <sup>+</sup> )	0.0	0 <sup>+</sup>
799.8 5	1416.0	(4 <sup>+</sup> )	616.2	(2 <sup>+</sup> )
964.3 5	2380.3	(6 <sup>+</sup> )	1416.0	(4 <sup>+</sup> )
1100.5 5	3480.8	(8 <sup>+</sup> )	2380.3	(6 <sup>+</sup> )

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