

Adopted Levels, Gammas

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

S(n)=16539 SY; S(p)=3998 SY; Q( $\alpha$ )=-2322 SY (2012Wa38)  
 $\Delta S(n)=499$ ;  $\Delta S(p)=298$ ;  $\Delta Q(\alpha)=499$  (2012Wa38).  
 S(2p)=4867 syst 298; Q( $\epsilon p$ )=5197 syst 298 (2012Wa38).

 $^{88}\text{Ru}$  LevelsCross Reference (XREF) Flags

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

E(level)	$J^\pi$ †	$T_{1/2}$	XREF	Comments
0.0‡	0 <sup>+</sup>	1.2 s +3-2	A	% $\epsilon$ +% $\beta^+$ =100; % $\epsilon p$ =? $T_{1/2}$ : from implant- $\beta(t)$ in 2001Ki13 (also 2002StZZ,2007WeZX).
616.2‡ 5	(2 <sup>+</sup> )		A	
1416.0‡ 7	(4 <sup>+</sup> )		A	
2380.3‡ 9	(6 <sup>+</sup> )		A	
3480.8‡ 10	(8 <sup>+</sup> )		A	

† From systematics of N=44 and N=Z even-even nuclei.

‡ Band(A): g.s. band,




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

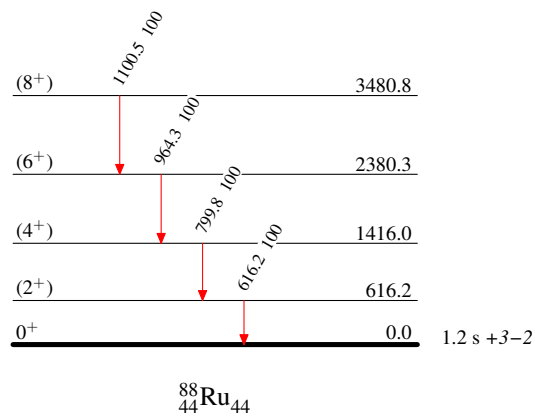
$E_i(\text{level})$	$J_i^\pi$	$E_\gamma$	$I_\gamma$	$E_f$	$J_f^\pi$
616.2	(2 <sup>+</sup> )	616.2 5	100	0.0	0 <sup>+</sup>
1416.0	(4 <sup>+</sup> )	799.8 5	100	616.2	(2 <sup>+</sup> )
2380.3	(6 <sup>+</sup> )	964.3 5	100	1416.0	(4 <sup>+</sup> )
3480.8	(8 <sup>+</sup> )	1100.5 5	100	2380.3	(6 <sup>+</sup> )

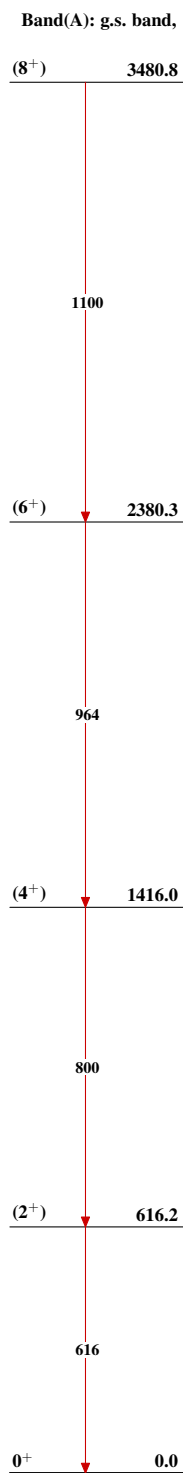
**Adopted Levels, Gammas****Level Scheme**

Intensities: Type not specified

## Legend

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



**Adopted Levels, Gammas** ${}^{88}_{44}\text{Ru}_{44}$