

$^{209}\text{Bi}(^{17}\text{O},^{18}\text{O}\gamma)$  1975Do12

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	M. J. Martin	NDS 108,1583 (2007)	1-Jun-2007

E=75 MeV.

Authors adopt  $E_\gamma$  and E(level) from other sources. E(level) given here are rounded-off values from Adopted Levels.  $E_\gamma$  are not given here since No  $E_\gamma$  or  $I_\gamma$  were reported.

 $^{208}\text{Bi}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	$T_{1/2}$ <sup>‡</sup>	Comments
0.0	5 <sup>+</sup>		
63	4 <sup>+</sup>		
511	6 <sup>+</sup>	118 ps <i>14</i>	
601	4 <sup>+</sup>	5.5 ps <i>21</i>	
628	5 <sup>+</sup>		
633	3 <sup>+</sup>		
651	7 <sup>+</sup>	>1.0 ns	$T_{1/2}$ : the 511 $\gamma$ from the 511 level is observed to have a long-lived component. The authors observe that the intensity of this component is consistent with the assumption that it results from the cascade decay of the 651 level via the 510 level.

<sup>†</sup> From Adopted Levels.

<sup>‡</sup> Recoil distance plunger method.