

$^{82}\text{Se}(^{18}\text{O},^{20}\text{Ne}), (^{14}\text{C}, ^{16}\text{O})$  [1983Wi14,1981BeZE](#)

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 105, 223 (2005)	22-Jun-2005

[1983Wi14](#): ( $^{18}\text{O},^{20}\text{Ne}$ ) E=102 MeV, data at 8.5° (lab), deduced mass excess and levels. Mass excess ( $^{80}\text{Ge}$ )=-69325 40.  
[1981BeZE](#): ( $^{14}\text{C}, ^{16}\text{O}$ ), deduced mass excess from data=-69380 60.

 $^{80}\text{Ge}$  Levels

<u>E(level)<sup>†</sup></u>	<u>E(level)<sup>†</sup></u>	<u>E(level)<sup>†</sup></u>	<u>E(level)<sup>†</sup></u>
0	1740	2850	3420 <sup>‡</sup>
660	1970	2980	3690
1570	2263	3040	3910

<sup>†</sup> From  $^{20}\text{Ne}$  spectrum for ( $^{18}\text{O},^{20}\text{Ne}$ ) ([1983Wi14](#)). Uncertainty appears to be  $\approx 50$  keV. Only those peaks are identified by [1983Wi14](#) that match levels known from  $^{80}\text{Ga}$   $\beta^-$ .

<sup>‡</sup> Complex of levels between 3420 and 3520 (see 'Adopted Levels').