
 $^{148}\text{Sm}(^{16}\text{O}, ^{15}\text{O}), (^{13}\text{C}, ^{12}\text{C})$ [1984BoZZ](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 185, 2 (2022)	23-Aug-2022

Includes (^{12}C , ^{11}C).

[1984BoZZ](#): E(^{16}O)=120 MeV, E(^{13}C)=90 MeV, E(^{12}C)=90 MeV at KVI.

 ^{149}Sm Levels

E(level) [†]	J ^π [†]	Comments
0	7/2 ⁻	
286	9/2 ⁻	E(level): seen in (^{16}O , ^{15}O) and (^{12}C , ^{11}C) reactions.
529	3/2 ⁻	E(level): seen in (^{13}C , ^{12}C) reaction only.
879	13/2 ⁺	E(level): seen in (^{16}O , ^{15}O) and (^{12}C , ^{11}C) reactions.

[†] From the Adopted Levels.