

$^{62}\text{Ni}(^{12}\text{C},^{10}\text{C})$ [1990Bo27](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh and Jun Chen		NDS 178,41 (2021).	12-Nov-2021

[1990Bo27](#): E=112 MeV ^{12}C beam from the Strasbourg MP accelerator. Reaction products were momentum-analyzed with a Q3D spectrometer (FWHM=100-200 keV). Measured $E(^{10}\text{C})$, $\sigma(\theta)$ from 7° to 13° (lab). Deduced levels. DWBA analysis.

 ^{64}Ni Levels

E(level)	J^π [‡]	Comments
3160 [†] 50		
3560 [†] 50		
3840 50		
4090 [†] 50		
4520 50	7^-	
5200 [†] 50	4^+	
5410 [†] 50	(5^-)	J^π : suggested by 1990Bo27 .
5810 50	8^+	
6050 50	(6^+)	

[†] Weakly populated level.

[‡] From Adopted Levels.