

$^{58}\text{Ni}({}^{76}\text{Ge},\text{X})$     2003So21

Type	Author	History	
Full Evaluation	C. D. Nesaraja	Citation	Literature Cutoff Date
		NDS 207,1 (2026)	1-Apr-2023

[2003So21](#),[2005GaZR](#) (thesis):  $^{69}\text{Fe}$  produced by fragmentation of  ${}^{76}\text{Ge}^{30+}$  beam on a  ${}^{58}\text{Ni}$  target at 61.8 MeV/nucleon. Nuclei separated by LISE3 achromatic spectrometer at GANIL, and identified by three consecutive Si detectors where two were used for energy loss and time-of-flight measurements while the third was used to determine their residual energies. Measured isotopic  $T_{1/2}$  from correlations between implanted nuclei and  $\beta$  decay.

[2003So02](#):  $^{69}\text{Fe}$  produced by fragmentation of  ${}^{76}\text{Ge}^{30+}$  beam on a  ${}^{58}\text{Ni}$  target at 61.8 MeV/nucleon. Nuclei separated by LISE3 achromatic spectrometer at GANIL.

$^{69}\text{Fe}$  Levels

E(level)	$T_{1/2}$	Comments
0.0	109 ms 9	$T_{1/2}$ : From decay-time curve measurement ( <a href="#">2003So21</a> ).