

$^9\text{Be}(^{55}\text{Ni},\text{X}\gamma)$     2005Ta27

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde	NDS 121, 1 (2014)	20-Jun-2014

Two-step fragmentation of  $^{58}\text{Ni}$  primary beam.

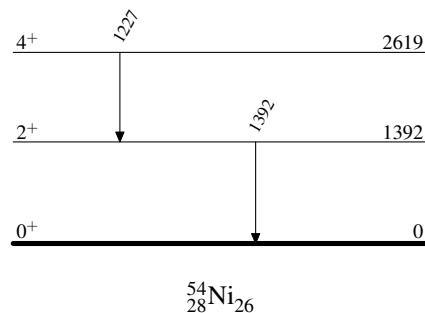
E $\approx$ 170 MeV/nucleon. Measured  $E\gamma$ ,  $I\gamma$ ,  $\gamma\gamma$ , (fragment) $\gamma$  coin,  $\gamma$  detected by rising Ge detector array, fragments from second reaction detected downstream in a CATE (calorimeter telescope) consisting of nine individual position sensitive Si detectors arranged in a square geometry behind which were nine CsI detector arranged in the same geometrical configuration. See also [2005Ha25](#).

 $^{54}\text{Ni}$  Levels

E(level)	$J^\pi$
0	$0^+$
1392	$2^+$
2619	$4^+$

 $\gamma(^{54}\text{Ni})$ 

E $\gamma$	E $f$ (level)	$J_i^\pi$	E $f$	$J_f^\pi$
1227	2619	$4^+$	1392	$2^+$
1392	1392	$2^+$	0	$0^+$

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