^{9}Be(^{55}Co,Xγ) 2005Ta27

History

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

Two-step fragmentation of 58Ni primary beam.

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

^{54}Fe Levels

E(level)	J^π
0	0^+
1408	2^+
2539	4^+

$\gamma(^{54}Fe)$

E_γ	E_i(level)	J_i^π	E_f	J_f^π
1131	2539	4^+	1408	2^+
1408	1408	2^+	0	0^+

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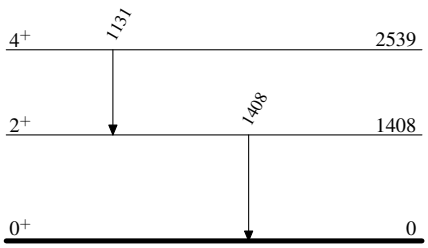
Level Scheme



$^{54}_{26}Fe_{28}$