

⁵⁵Mn(p,n)

1959Le29,1964Lu10,1965Al22

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Huo Junde	NDS 109, 787 (2008)	30-Apr-2007

1959Le29: E=1.9-3.6 MeV; thin target (≈45 keV for E(p)=2.2 MeV); neutrons were scattered by a lithium slab into a shielded ring of BF₃ proportional counters embedded in paraffin.
1964Lu10: E=4.5, 5.9 MeV (see also 1965Al22: E=3.315, 3.525 MeV); target: spectroscopically pure; tof method.
See also 1963Ki06, 1966Uc01, and 1983Mi05.

⁵⁵Fe Levels

E(level) [†]	E(level) [†]	E(level) [†]	E(level) [†]
0.0	1315 10	2960 [‡]	3760 [‡]
437 20	1414 6	3340 [‡]	3870 [‡]
936 8	2156 6	3550 [‡]	4040 [‡]

[†] From 1959Le29, except as noted.
[‡] From 1964Lu10.