

$^{54}\text{Fe}(\text{d},\alpha\gamma)$  1978DoZM

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 128, 185 (2015)	10-Jul-2015

E=4.8-5.0 MeV, DSAM, a 45 cm<sup>3</sup> Ge(Li) detector,  $\alpha\gamma$ -coin with the Ge(Li) and 300 micron thick silicon surface barrier detector.  
 Others: [1977BhZH](#), [1984Pi07](#).

 $^{52}\text{Mn}$  Levels

E(level)	$T_{1/2}^\dagger$	E(level)	$T_{1/2}^\dagger$	E(level)	$T_{1/2}^\dagger$	E(level)	$T_{1/2}^\dagger$
731.5	3.6 ps <i>14</i>	884.4	1.4 ps	1253.5	0.018 ps <i>55</i>	1683.7	0.25 ps <i>+17-8</i>
825.3	0.17 ps <i>+4-3</i>	886.5	0.06 ps <i>+3-4</i>	1278.9	0.25 ps <i>+17-8</i>	2337.0	0.05 ps <i>+2-4</i>
869.7	0.12 ps <i>+6-8</i>	1232.4	0.14 ps <i>+19-8</i>	1647.1	0.37 ps <i>+24-17</i>	2473.2	0.32 ps <i>+16-4</i>

<sup>†</sup> Doppler shift attenuation method.