

Table 5.2 from (1959AJ76): Resonance parameters for  ${}^3\text{H}(\text{d}, \text{n}){}^4\text{He}$  and  ${}^3\text{He}(\text{d}, \text{p}){}^4\text{He}$

$E_r$ (keV)	$\Gamma_{\text{lab}}$ (keV)	$l_d$	$J^\pi$	$l_{\text{n,p}}$	$R$ ( $\times 10^{-13}$ cm)	$E_\lambda$ (keV)	$\gamma_d^2$ (keV)	$\gamma_{\text{n,p}}^2$ (keV)	$\theta_d^2$ <sup>c</sup>	$\theta_{\text{n,p}}^2$ <sup>c</sup>	$E_x$ (MeV)
107 <sup>a</sup>	135	0	$\frac{3}{2}^+$	2	5.0	-464	2000	56	1.0	0.018	16.69
430 <sup>b</sup>	$\approx 450$	0	$\frac{3}{2}^+$	2	7.0	-126	715	17	0.7	0.011	16.81
					5.0	-391	2930	42	1.4	0.013	
					7.0	129	780	12	0.7	0.008	

<sup>a</sup>  ${}^3\text{H}(\text{d}, \text{n}){}^4\text{He}$ : (1952AR30, 1952CO35, 1955KU03). See also (1957BA1F, 1957BA1G).

<sup>b</sup>  ${}^3\text{He}(\text{d}, \text{p}){}^4\text{He}$ : (1955KU03).

<sup>c</sup> Units of  $3\hbar^2/2MR^2$ .