

Table 3.10 from (1987TI07):  
 Measurements and summaries (S) of cross sections and analyzing powers for  ${}^2\text{H}(p, \gamma){}^3\text{He}$

$E_p$ (MeV), $E_d$ (MeV) or $E_x$	$\theta_\gamma$ (deg) (cm)	Quantity measured	Method	Refs.
$E_x \approx 7 - 15$ <sup>a</sup>	90 (lab)	$\sigma(90)$	b	1979SK01 (S)
$E_x = 8.83, 9.83$ 10.83	30 - 140	$\sigma(\theta)$ $A(\theta)$		
$E_x = 6.0$ <sup>a</sup> ${}^2\text{H}(p, \gamma)$	35 - 150	$A(\theta)$	b	1984KI14
$E_x = 6.0$ <sup>a</sup> ${}^1\text{H}(d, \gamma)$	50 - 135	$A(\theta)$		
$E_p = 6.3 - 7.1$ <sup>c</sup>	d, p bremsstrahlung cross section			1986BR15
$E_p = 6.5 - 16.0$	30 - 150	$\sigma(\theta)$	b	1983KI11
$E_x = 9.83 - 16.12$ <sup>a</sup>	30 - 150	$\sigma(\theta)$	b	1984KI06
$E_x = 10.83, 16.12$		$A(\theta)$		
$E_p = 16$	32 - 152	$\sigma(\theta)$	d	1974MA18 (S)
$E_x = 21, 24.1, 26.8,$ 29.5, 32.1 <sup>a</sup>	34 - 135	$\sigma(\theta)$	b	1983AN16 1983AN17
$E_p = 18 - 43$				
$E_d = 19.8$ <sup>c</sup>	$\approx 20 - 160$	$T_{20}$	d	1985VE02
$E_d = 29.2, 45.3$ <sup>c</sup>	90 (lab)	$A_{yy}$	b	1985JO05, 1986JO06
$E_p = 99.1, 150.3,$ 200.7	$\approx 20 - 155$	$\sigma(\theta)$ $A(\theta)$	e	1987PI01
$E_p = 200 - 500$	60, 90	$\sigma(\theta)$	e	1982AB09
$E_p = 200 - 500$	15.5 - 15	$\sigma(\theta)$ $A(\theta)$	e	1984CA23, 1985CA42
$E_p = 377, 576$ 462	90 45 - 135	$\sigma(\theta)$	e	1976HE2A
$E_p = 300, 350, 400$ 425, 450, 470, 500	$\approx 60 - 90$	$\sigma(\theta)$	e	1985BR23
$E_d = 376$ <sup>c</sup>	84, 98, 113			
$E_d = 600$	96, 105			
$E_p = 450, 550$	52 - 92	$\sigma(\theta)$	e	1980NE03

- <sup>a</sup> Authors specified excitation energy in  $^3\text{He}$ .
- <sup>b</sup> Detected gammas.
- <sup>c</sup> Deuteron bombarding energy used in  $^1\text{H}(d, \gamma)$  reaction.
- <sup>d</sup> Detected  $^3\text{He}$  recoils.
- <sup>e</sup> Detected gamma- $^3\text{He}$  coincidences.