

Table 4.11 from (1992TI02): Measurements and summaries (S) of cross sections  $\sigma(\theta)$ , analyzing powers  $A(\theta)$ , and polarizations  $P(\theta)$ , for the  ${}^3\text{H}(p, p){}^3\text{H}$  reaction

$E_p$ (MeV)	Measurement	$\theta_{\text{c.m.}}$ (deg)	Description	Refs.
19 – 57	$\sigma(\theta), P(\theta)$			<a href="#">1972DA08</a>
19, 30	$\sigma(\theta), A(E, \theta)$	20 – 160	Deduced phase shifts. Compared with $p + {}^3\text{He}$ .	<a href="#">1972DA10</a>
9.4 – 10.7, 12.0 13.4, 14.7	$A$	25 – 160	Uncertainties $\approx 0.005$ . Parametrized in terms of phase shifts.	<a href="#">1972HA51</a>
6.7, 7.4, 8.0	$A$	110 – 160	Uncertainties $\approx 0.005$ . Parametrized in terms of phase shifts.	<a href="#">1972HA51</a>
13.6	$\sigma(\theta)$	12 – 50	Uncertainties $< 1\%$ .	<a href="#">1974JA15</a>
600	$\sigma(\theta)$	$0.08 <  t  < 0.45(\text{GeV}/c)^2$	Deduced reaction mechanism.	<a href="#">1976FA09</a>
4.15 – 12.00	$\sigma(\theta), A$	$\approx 30 - 160$	Phase-shift analysis. Contour plots. Related to ${}^4\text{He}$ levels.	<a href="#">1976KA12</a>
1.245	$\sigma(\theta)$	$0.045 <  t  < 0.686(\text{GeV}/c)^2$	Glauber model interpretation.	<a href="#">1980BI02</a>
318 ( $E_t = 2.5$ GeV)	$\sigma(\theta)$	$0.02 <  t  < 0.15(\text{GeV}/c)^2$	Compared to multiple-scattering theory.	<a href="#">1982BL23</a>