

Table 4.8 from (1992TI02):
Measurements and summaries (S) of cross sections $\sigma(\theta)$ and analyzing powers $A(\theta)$ for ${}^2\text{H}(d, d){}^2\text{H}$

E_d (MeV)	Measurement	$\theta_{\text{c.m.}}$ (deg)	Description	Refs.
6.0, 8.0, 10.0, 11.5	$iT_{11}, T_{20}, T_{21}, T_{22}$	20-62.5 (lab)	Studied results for resonances in ${}^4\text{He}$.	1972GR29
10.0	$iT_{11}, T_{20}, T_{21}T_{22}$	25-100	Measured recoils in coin.	1972ME20
1.96-6.2	$\sigma(E, \theta)$	10-150	Accuracy 1.7-3.4 %. Polynomial fits.	1972SC28
1690	$\sigma(\theta)$	small angles	Obtained dd scattering amplitude. Deduced f_{dd} .	1974DU04
12.305	$\sigma(\theta)$	10-100 (lab)	$\Delta\sigma = 0.5\text{-}1.0\%$.	1974JA15
0.08-0.36	$\sigma(E)$	90	Searched for resonance in ${}^4\text{He}$ near dd threshold.	1975MA43
0.045-0.300	$\sigma(E, \theta)$	68, 90	Searched for resonance in ${}^4\text{He}$ near dd threshold.	1975NI06
52	iT_{11}	30-150	Measured (d, d), (d, p).	1977BE44
50-85	$\sigma(E, \theta)$	12.5-45, 2.5° steps	PWBA analysis.	1978AL26
13.2	$\sigma(E, \theta)$	12-90	Optical-model analysis with Majorana exchange term.	1979OK01
$p_d = 2.38\text{-}12 \text{ GeV}/c$	A_y	75-120	Momentum transfer $-t = 0.005\text{-}0.054 \text{ (GeV}/c)^2$.	1989AV02
1650, 2000, 2290	$\sigma(E, \theta)$	small angles	Measured missing-mass spectra. Searched for dibaryonic resonances.	1984CO29
9.8-36	$\sigma(E, \theta)$	20-90	Compared with resonating group calculation.	1985NE04
191, 395	iT_{11}, T_{20}, T_{22}	30-150	Discussed applications to intermediate-energy deuteron polarimeters.	1986GA18