

Table 5.7 from (1974AJ01): Measurements of elastic scattering and polarization in ${}^4\text{He}(p, p){}^4\text{He}$ ^a

Elastic scattering angular distribution		Polarization	
E_p (MeV)	Refs.	E_p (MeV)	Refs.
11.157, 12.040, 13.600, 14.230	(1973JA1M)	0.2 – 0.5	(1967AD1B)
12.0, 14.2, 17.5	(1969GA12)	0.9 – 3.2	(1967BR02, 1967BR03)
19.9 – 39.8	(1972BA24)	2.1 – 4.3	(1965BL02)
20.6, 23.3, 26.1, 27.7	(1968AL1B)	2.38 – 4.46	(1966DR01)
22.2 – 24.8	(1968DA04)	4.58, 5.95, 7.89, 9.89, 11.94	(1971SC04)
25.0 – 29.2	(1971PL07)	6.00, 7.89, 9.89, 11.16	(1967JA09)
39.8 – 47.7	(1973DA1M)	7.9, 9.9, 11.9	(1971OH04)
46	(1969BU10)	10	(1968PL02)
48.8	(1967DA08)	12.0	(1972KE17)
85	(1973VO1M)	12.0, 14.2, 17.5	(1969GA12)
100	(1970GO36)	14.5	(1965RO22)
141	(1972NI04)	17.5 – 27	(1966WE03)
144	(1972JA07)	20 – 45	(1972BA24)
587	(1968BO1K, 1972BO29)	22.2 – 24.8	(1968DA04)
1000	(1967PA25)	25.0 – 29.2	(1971PL07)
		48	(1966GR08)
		70, 80	(1969PE01)
		544	(1968GO1M, 1972BO29)

^a See also [Table 5.5 \(1966LA04\)](#) for a summary of earlier work.