

Table 5.5 from (1966LA04):  
 Measurements of elastic scattering and polarization in  ${}^4\text{He}(p, p){}^4\text{He}$

Elastic scattering		Polarization	
Energy (MeV)	Reference	Energy (MeV)	Reference
1 – 3.6	1949FR20	1 – 3.6	1958SC27, 1960SC1C
1 – 4	1963SE1L		
2 – 5.5	1958MI93	3.2 – 3.5	1952HE15
2 – 11	1964BA08	4.0 – 4.8	1964DR04
5.1	1951BR93	4.5	1964MA18
5.8	1954KR1B, 1955LU60	3.6 – 11.9	1963BR19
7.5; 9.5	1956PU41	5.32	1956JU10
9.2 – 14.5	1959SA14, 1960SA1M	6, 9, 11.5	1960SA07
9.5	1954FR22, 1957GI14	8.5	1961RO13
9.8	1955WI26	10	1961RO05
9.8	1954CO69	14.5	1962RO20
11.4 – 18	1957BR28	14.5	1958BR24
17.5	1956BR29	19 – 25	1963WE11
19.4	1956VA1B, 1957VA1B	22 – 48	1963CR09
20	1959BU98	22	1960NI1B
21 – 28	1964AL1N	38	1962HW1A, 1963HW01
27.9	1957WI22	38.7	1965BO1R
31	1953CO62, 1964BU16	48	1964GR1K
40	1957BR24	66, 147	1959CO64
53	1964CA1B	312	1956CH80
55	1964HA13, 1964HA1P, 1964HA49	725	1965MC04
66, 147	1959CO64, 1963PA1H	Phase shift and polarization calculations	
95	1958SE74		
141, 154	1964PA19	Energy (MeV)	Reference
312	1956CH80	1 – 3.6	1949CR1A
725	1965MC04		

Table 5.5 from (1966LA04):  
 Measurements of elastic scattering and polarization in  ${}^4\text{He}(p, p){}^4\text{He}$  (continued)

Elastic scattering		Phase shift and polarization calculations	
Energy (MeV)	Reference	Energy (MeV)	Reference
		5.8	<a href="#">1955LU60</a>
		5.8, 9.5	<a href="#">1952DO30</a> , <a href="#">1954KR1B</a>
		1 – 18	<a href="#">1957BR28</a> , <a href="#">1958BR24</a>
		1 – 18	<a href="#">1958MI93</a> , <a href="#">1959PH37</a>
		2 – 11	<a href="#">1964BA08</a>
		7.5	<a href="#">1956PA23</a>
		9 – 15	<a href="#">1959SA14</a>
		10 – 40	<a href="#">1958GA13</a>
		40	<a href="#">1963GI1G</a> , <a href="#">1963SU03</a>