

Table 5.5 from (79AJ01):
Measurements of elastic scattering and polarization in $^4\text{He}(p, p)^4\text{He}$ ^a

Elastic scattering angular distribution and cross sections		Polarization	
E_p (MeV)	Refs.	$E_{\bar{p}}$ (MeV)	Refs.
0.5 – 3.0	(KR74B)	3.6, 6.35, 12.2	(LI74H, LI76C)
11.16, 12.04, 13.60, 14.23	(DO77)	3.74 – 8.94	(BR76F)
85.0	(VO74C)	6.36	(ME77A)
156	(CO75K)	11.93, 17.00	(HA77B)
185 – 500	(MC78E)	45.04, 52.34	(SA77M)
200, 350, 500	(ST77S)	185 – 500	(MC78E)
350, 650, 1050, 1150	(AS77)	560, 800, 1030, 1270, 1730	(KL77C)
438, 648, 1036	(BE76Q)		
$[E_\alpha = 4.00, 5.08, 6.09 \text{ GeV}/c]$			
560, 800, 1030, 1270, 1730	(KL77F)		
580, 720	(VE75C)		
600	(FA76C)		
788	(FO78P)		
1000	(AL77U)		
1050	(BA74F, BE78L)		
$E_\alpha = 7.0 \text{ GeV}/c$	(GE77)		
$[E_p = 1050]$			
2680	(IG75, IG77, IG77A, IG77D)		
4.89 GeV	(NA78B)		
50 – 500 GeV/c	(SM78)		

^a See also Tables 5.5 in (66LA04) and 5.7 in (74AJ01) for a listing of the earlier work.