

Table 12.20 from (1975AJ02): $^{12}\text{C}(p, p)^{12}\text{C}$ angular distribution studies ^a

E_p (MeV)	Angular distributions to $^{12}\text{C}^*$	Refs.
5.9	g.s.	(1968AN27)
7.0	g.s., 4.4	(1969GU02)
7.999, 8.175	4.4	(1972BE15)
9.95 – 10.90	g.s.	(1972WI26)
12.3 – 13.2	g.s., 4.4	(1970KO15)
12.74, 13.60, 16.19, 19.46	g.s.	(1974JA25)
19.9 – 28.9	g.s.	(1970GI04)
≈ 20	7.7	(1974PL02)
20	g.s., 4.4	(1972TE01)
22.3, 26.7, 30.5, 61.9	12.7, 15.1	(1974AM05)
22 – 45	12.7, 15.1	(1973GE1F)
40	4.4	(1974IN02)
45, 155	see Table 12.21	(1974BU17)
46	g.s.	(1972WI24)
49.5	g.s., 4.4	(1970CL10, 1971RU04)
61.4	g.s.	(1969FU07)
100	g.s.	(1968LI1C)
100	see Table 12.21	(1969HO1J, 1970HO03)
144	g.s.	(1972JA07)
156	g.s.	(1974CO09)
185	see Table 12.21	(1969SU03)
1000	g.s., 4.4	(1972AL58)
1040	g.s., 4.4, 7.7, 9.6	(1973BE29)
2.1 GeV/c	g.s.	(1974ZH1B)

^a See [Table 12.22 in \(1968AJ02\)](#) for a listing of the earlier experiments and ^{13}N in (1976AJ04).