

Table 14.23 from (1970AJ04):
 $^{14}\text{N}(n, n)$, (p, p) , (d, d) , $(^3\text{He}, ^3\text{He})$ and (α, α) angular distribution studies

(a) *Angular distribution of neutrons*

E_n (MeV)	Angular distribution to $^{14}\text{N}^*$	Refs.
1.6 – 3.2	g.s.	(1966FO1D, 1966FO1E)
5.0 – 6.5	g.s.	(1960SM02)
6.8 – 14.0	g.s.	(1967BA03)
14	g.s.	(1961ST22, 1963BA46)
14	2.31	(1961BO28)
14.1	g.s.	(1966BE1P)
14.8	g.s.	(1967LU1B)

(b) *Angular distribution of protons*

E_p (MeV)	Angular distribution to $^{14}\text{N}^*$	Refs.
6 – 9	2.31	(1968SH11)
6 – 11.4	g.s., 3.95	(1968BO36, 1968SH11)
7.7, 8.5, 10.5, 14.1	g.s., 2.31	(1960OD01)
9.5	g.s., 3.95	(1954FR38, 1957GI14)
9.8	g.s.	(1957HI56)
9.9 – 11.4	5.11, 5.83	(1968BO36)
10.2	3.95 → 7.03	(1964DO03)
10.5, 14.1	3.95	(1960OD01)
12.2	g.s.	(1968RI1Q)
19.4	g.s.	(1956VA1B, 1957VA1B)
20	g.s.	(1955CH1A)
21	g.s.	(1969BA23)
24.8	2.31	(1967AU1E)
31	g.s.	(1964KI06)
142	g.s.	(1961TA06)
155	g.s., 2.31, 3.95, 4.91 + 5.11, 5.69 + 5.83	(1968GE04)

Table 14.23 from (1970AJ04):
 $^{14}\text{N}(n, n)$, (p, p) , (d, d) , $(^3\text{He}, ^3\text{He})$ and (α, α) angular distribution studies (continued)

(c) *Angular distribution of deuterons*

E_d (MeV)	Angular distribution to $^{14}\text{N}^*$	Refs.
0.7 – 2.1	g.s.	(1963SE05)
1.2 – 3.1	g.s.	(1969GO14)
1.3 – 3.2	g.s.	(1969BE08)
5.5 – 10.2	2.31, 3.95	(1968DU1E)
8	g.s.	(1952GI01)
11	g.s.	(1960TA08)
11.8	g.s.	(1967FI07)
13.6	g.s.	(1963NE1C, 1964NE1D)
14.2	g.s., 3.95, 4.91, 5.11	(1966NG01)
21	g.s.	(1959FI30)
27	g.s.	(1962ER03)
28	g.s.	(1968GA13)
28.5	g.s.	(1966VI1A)
52	g.s., 3.95, 4.91 + 5.11, 5.69 + 5.83, 7.03	(1968HI09, 1968HI14)

(d) *Angular distribution of ^3He particles*

$E(^3\text{He})$ (MeV)	Angular distribution to $^{14}\text{N}^*$	Refs.
17.4, 25.4, 36.6	g.s.	(1965AR1E)
25.7	g.s.	(1964SE05)
29	g.s., 3.95, 4.91 + 5.11	(1962SE13)
44.6	g.s., 2.31, 3.95, 4.91, 5.11, 5.69, 5.83, 7.03, 11.24, 12.77	(1968BA1E, 1969BA06)

Table 14.23 from (1970AJ04):
 $^{14}\text{N}(n, n)$, (p, p) , (d, d) , $(^3\text{He}, ^3\text{He})$ and (α, α) angular distribution studies (continued)

(e) *Angular distribution of α particles*

E_α (MeV)	Angular distribution to $^{14}\text{N}^*$	Refs.
11.4 – 12.7	2.31	(1966CH1E)
19.2	g.s., 3.95, 4.91 + 5.11	(1961PL01)
20.1 – 23.3	g.s.	(1967BO1M)
25.7 – 32.9	g.s., 3.95	(1963NO1B)
37.9	g.s.	(1960AG01)
40	g.s.	(1959YA01)
40.5	g.s., 3.95, 4.91, 5.11, 5.69, 5.83, 6.21, 6.44, 7.03	(1966HA19)
56	g.s.	(1969GA11)
65	g.s.	(1964HA16)
104	g.s.	(1968HA1D, 1969HA14)