

Table 17.10 from (1971AJ02):

Recent angular distribution, total cross-section and polarization measurements in $^{16}\text{O}(n, n)^{16}\text{O}$ ^a(a) *Angular distribution studies*

E_n (MeV)	Group	Refs.
0.3 – 1.7	n_0	(1961LA1A)
0.9	n_0	(1962LO09)
1.12 – 1.16, 1.64 – 1.70, 1.77 – 3.67	n_0	(1968JO1F)
1.51 – 2.25	n_0	(1962MA05)
1.96, 3.21 – 3.44	n_0	(1970FO03)
2.0 – 4.1	n_0	(1962HU07)
2.2 – 4.2	n_0	(1967JO12)
3.1 – 4.7	n_0	(1966LI03)
5.0 – 6.5	n_0	(1960SM02)
13.9	$n_0, n_{1+2+3+4}$	(1963BA46)
14	n_0	(1967BE75)
14.1	n_0, n_{1+2}, n_{3+4}	(1969ME15)
14.8	n_0	(1967LU1B)
15	n_0	(1959BE1B)

(b) *Cross-section measurements*

E_n (MeV)	Type	Refs.
0.003 – 10.0 eV	σ_t	(1960WA07)
1.44 eV	σ_{sc}	(1965RA15)
10 – 500 keV	σ_t	(1966MO09)
1.77 – 3.67 MeV	σ_t	(1968JO1F)
3 – 8	σ_t	(1969DA13)
3.3 – 5.1	σ_t	(1960TS02)
3.3 – 5.2	σ_t	(1968MA2D)
3.33 – 3.87	σ_t	(1967JO12)
3.4 – 16	σ_t	(1961FO07)
14 – 19	σ_{el}	(1970BO30)
14.1	σ_t, σ_{el}	(1969ME15)
18 – 27.6	σ_t	(1960PE25)

Table 17.10 from (1971AJ02):

Recent angular distribution, total cross-section and polarization measurements in $^{16}\text{O}(n, n)^{16}\text{O}$ ^a (continued)(b) *Cross-section measurements* (continued)

E_n (MeV)	Type	Refs.
88 – 150	σ_t	(1966ME14)
13.9	σ_{el}, σ_{ne}	(1963BA46)
14.8	σ_{ne}	(1967CH42)
15	σ_{ne}	(1969NY1A)
6.4 – 9.8	$\sigma_n, n'\gamma_{6.1}$	(1959HA13)
6.72 – 11.0	$\sigma_n, n'\gamma_{6.1}, \sigma_n, n'\gamma_{6.9}$	(1970DI1C)
7.50 – 11.0	$\sigma_n, n'\gamma_{7.1}$	(1970DI1C)
7.7 – 9.4	$\sigma_n, n'\gamma_{6.9+7.1}$	(1959HA13)
9.0 – 14	$\sigma_n, n'\gamma_{8.9}$	(1970DI1C)
14.6	$\sigma_n, n'\gamma_{6.1}, \sigma_n, n'\gamma_{6.9+7.1}$	(1969BU08)
15	$\sigma_n, n'\gamma$	(1969NY1A)
17 – 37	$\sigma_n, 2n$	(1961BR1A)
11.08 – 19.04	σ_n, p	(1962DE13)
12.6 – 16.3	σ_n, p	(1961SE02, 1962SE1F)
14.7	σ_n, p	(1960DE19, 1962KA37)
14.8	σ_n, p	(1966MI14, 1966PR14)
3.77 – 4.67	$(\sigma_n, \alpha)_t$	(1966LI03)
5.0 – 8.8	σ_n, α_0	(1963DA12)
7.13 – 12.03	$\sigma_n, \alpha_0, \sigma_n, \alpha_1$	(1968DA1E)
7.6 – 8.7	σ_n, α_1	(1963DA12)
8.1 – 8.5	σ_n, α_{2+3}	(1963DA12)
7.1 – 12.0	$\sigma_n, \alpha_0, \sigma_n, \alpha_t$	(1968PA1X)
12 – 20	σ_n, α_0	(1963BO1E)
14.8 – 18.8	$\sigma_n, \alpha_0, \sigma_n, \alpha_{1+2+3}$	(1968SI06)
15	$\sigma_n, \alpha\gamma$	(1969NY1A)

(c) *Polarization measurements*

E_n (MeV)	Group	Refs.
0.2 – 2.2	n_0	(1962EL01)

Table 17.10 from (1971AJ02):

Recent angular distribution, total cross-section and polarization measurements in $^{16}\text{O}(n, n)^{16}\text{O}$ ^a (continued)

(c) *Polarization measurements* (continued)

E_n (MeV)	Group	Refs.
0.84	n_0	(1962BE1C)
1.51 – 2.03	n_0	(1962MA05)
2.84, 2.98	n_0	(1963GL1D)
3.5	n_0	(1962OT01)

^a See also (1959AJ76), (1964ST25, 1970GA1A).