

Table 16.17 from (1971AJ02): Structure in $^{14}\text{N} + \text{d}$ ^a

E_d (MeV)	Resonant channel	$J^\pi; T$	E_x (MeV)	Refs.
1.4	n_0		21.9	(1960RE07)
1.7 ± 0.1	$\gamma_0, \text{n}_0, \alpha_0, \alpha_1, \alpha_2, \alpha_3$		22.2	(1962IS02, 1965JA1F, 1966SU05, 1967LA16)
1.85	n_0, α_0		22.35	(1961IS03, 1965BU1A)
2.0 ± 0.1	α_0, α_3		22.5	(1967LA16)
2.2	$\gamma_0, \text{n}_0, \text{d}_0, \alpha_0$	$1^-; 1$	22.7	(1961IS03, 1965JA1F, 1966SU05, 1967FL10)
2.271 ± 0.005	$\text{p}_0, \text{p}_{1+2}, (\alpha_0), \alpha_2$	$0^+; (2)$	22.721	(1970NE1H)
2.5	α_0		22.9	(1961IS03)
2.6	$(\text{n}_0, \text{p}_0), \alpha_1$		23.0	(1960RE07, 1962AL09, 1962GO21, 1962IS02, 1965JA1F)
2.8	$(\text{n}_0, \text{p}_0), \text{d}_0, \alpha_0$		23.2	(1962AL09, 1962GO21, 1965JA1F, 1967FL10)
3.3	$\text{n}_0, \text{p}_0, \text{d}_0, \alpha_0$		23.6	(1962AL09, 1962GO21, 1965JA1F, 1967FL10)
4.2	$\gamma_0, \text{n}_0, \text{p}_0, \text{d}_0, \gamma_{15.11}$		24.4	(1960RE07, 1962GO21, 1965BR08, 1965JA1F, 1966SU05, 1967FL10)
4.58	$\text{p}_0, \text{d}_0, \gamma_{15.11}$		24.74	(1965BR08, 1967FL10)
4.9	n_0, p_0		25.0	(1960RE07, 1962GO21)
5.95	$\text{d}_1, \gamma_{15.11}$		25.94	(1965BR08, 1970DU04)
7.1	$\gamma_{15.11}$		26.9	(1965BR08)
7.4	d_2		27.2	(1970DU04)
7.7	d_1		27.4	(1970DU04)
(8.5)	$(\gamma_{15.11})$		(28.2)	(1965BR08)
10.2	d_2		29.6	(1970DU04)

^a See reactions 28, 29, 30, 31, 32, 33 and 34.