Table 18.15 from (1978AJ03): Maxima in the yields of $^{16}O + d$ [a]

E_d (MeV ± keV)	Particles out	$\Gamma_{c.m.}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
0.895	p_1, α_0	210 ± 25		(8.321)	(1964AM1A)
1.048	p_1, d_0, α_0	88 ± 10	1^+	8.457	(1960AM03, 1964AM1A, 1968MA53)
1.199	α_0	230 ± 30		(8.591)	(1964AM1A, 1965MA59)
1.298	p_1, d_0, α_0	13 ± 3		(8.679)	(1960AM03, 1964AM1A)
1.325	d_0, α_0			(8.703)	(1964AM1A)
1.482	α_0	40 ± 5		(8.843)	(1960AM03, 1964AM1A)
1.563	d_0, α_0	121 ± 15		(8.914)	(1960AM03, 1964AM1A)
1.616	α_0	19 ± 15		(8.962)	(1960AM03, 1964AM1A)
1.765	d_0, α_0	141 ± 10		(9.094)	(1960AM03, 1964AM1A)
1.885	p_0, p_1, d_0, α_0	108 ± 12	$3, 4^-; 0$	9.20	(1956RO1A, 1964AM1A, 1965MA59, 1973JO13)
2.22	n_0, α_0		$2, 3^+; 0$	9.50	(1955MA85, 1961DI06, 1973JO13)
2.28	α_0		$2, 3^+; 0$	(9.55)	(1973JO13)
2.34	n_0, p_1			(9.60)	(1955MA85, 1956RO1A, 1961DI06)
2.55	p_1			(9.79)	(1955ST1A, 1956RO1A)
2.92	n_0, p_0, p_1			10.12	(1955MA85, 1955ST1A, 1956RO1A)
3.05	α_0		$3, 4^-; 0$	10.24	(1973JO13)
3.13	n, p_1, α_0, α_1		$\geq 2; 0$	10.31	(1973JO13)
3.37	n_0, p_0, p_1, α_1			10.52	(1955MA85, 1955ST1A, 1956RO1A, 1970JO1C, 1972AN21)
3.47	α_0		$4, 5^+; 0$	10.61	(1973JO13)

Table 18.15 from (1978AJ03): Maxima in the yields of $^{16}O + d$ [a] (continued)

E_d (MeV ± keV)	Particles out	$\Gamma_{c.m.}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
3.68	n, p_0, p_1, α_1		2^+	10.79	(1955MA85, 1955ST1A, 1956RO1A, 1968MA1C, 1969JO1C, 1973JO13)
3.80	p_0, α_0		$\geq 2^+; 0$	10.90	(1956RO1A, 1957BA14, 1973JO13)
3.94	n, p_1, α_1			11.03	(1955MA85, 1956RO1A, 1973JO13)
3.95	p_1, α_0	≈ 35	$3, 4^-; 0$	11.03	(1956RO1A, 1957BA14, 1973JO13)
4.07	n, p_1			11.14	(1955MA85, 1956RO1A)
4.38	p_1, α_0		$4, 5^+; 0$	11.42	(1956RO1A, 1973JO13)
4.57	α_0		$5, 6^-; 0$	11.58	(1973JO13)
4.80	d_0, α_0		$\geq 3; 0$	11.79	(1956BE1B, 1973JO13)
4.93	α_0		$5, 6^-; 0$	11.90	(1973JO13)
5.05 ± 15	α_4	40		12.01	(1968JO07)
5.11	α_0, α_2, α_4	60	$4, 5^+; 0$	12.06	(1968JO07, 1973JO13)
5.17	α_0	55	$T = 0$	12.12	(1968JO07)
5.32	α_0	70		12.25	(1968JO07)
5.34	α_0, α_2	170		12.27	(1968JO07)
5.40	α_0, α_4	130		12.32	(1968JO07)
5.47	α_4	80		12.38	(1968JO07)
5.49	α_2, α_3, α_4	120		12.40	(1968JO07)
5.59	α_0, α_2	120		12.49	(1968JO07, 1969JO1C, 1973JO13)
5.65	α_0, α_2	140		12.54	(1968JO07)
5.77	α_0	180	2^+	12.65	(1968JO07, 1969JO1C)
5.80	α_0, α_2, α_4	160		12.68	(1968JO07)

Table 18.15 from (1978AJ03): Maxima in the yields of $^{16}O + d$ [a] (continued)

E_d (MeV ± keV)	Particles out	$\Gamma_{c.m.}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
5.81	α_3, α_4	80	5^-	12.69	(1968JO07, 1969JO1C)
5.91	α_2	160		12.77	(1968JO07)
6.00	α_0	120		12.85	(1968JO07)
6.11	α_0, α_4	120		12.95	(1968JO07)
6.19	α_2, α_3	200	$\geq 4; 0$	13.02	(1968JO07, 1973JO13)
6.25	α_0, α_4	150	$T = 0$	13.08	(1968JO07)
6.30	α_0, α_2	160		13.12	(1968JO07)
6.34	α_0, α_3	160	$5, 6^-; 0$	13.16	(1968JO07, 1973JO13)
6.38	α_0, α_3	145	$T = 0$	13.19	(1968JO07)
6.43	α_0, α_2	120		13.24	(1968JO07)
6.46	α_0, α_4	100		13.26	(1968JO07)
6.54	α_0, α_2	135		13.33	(1968JO07)
6.61	$\alpha_2, \alpha_3, \alpha_4$	120		13.40	(1956BR36, 1968JO07)
6.64	α_0, α_2	200		13.42	(1968JO07)
6.66	α_0	100		13.44	(1968JO07)
6.72	α_2	100		13.49	(1968JO07)
6.73	α_2	100		13.50	(1968JO07)
6.80	α_2, α_3	140		13.56	(1968JO07)
6.84	$\alpha_0, \alpha_2, \alpha_4$	150		13.60	(1968JO07)
6.94	α_0, α_3	90		13.69	(1968JO07)
7.12	α_3, α_4	60		13.85	(1968JO07)
7.27	α_3	150		13.98	(1968JO07)

Table 18.15 from (1978AJ03): Maxima in the yields of $^{16}O + d$ [a] (continued)

E_d (MeV ± keV)	Particles out	$\Gamma_{c.m.}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
7.30	α_2	110		14.01	(1968JO07)
7.34	$\alpha_0, \alpha_3, \alpha_4$	200		14.04	(1968JO07)
7.38	α_0, α_3	210		14.08	(1968JO07)
7.43	α_3	300		14.12	(1968JO07)
7.49	α_0	220		14.18	(1968JO07)
7.58	α_0	200	$\geq 4; 0$	14.26	(1968JO07, 1973JO13)
7.62	α_4	85		14.29	(1968JO07)
7.66	$\alpha_0, \alpha_2, \alpha_4$	130	$T = 0$	14.33	(1968JO07)
7.67	$\alpha_0, \alpha_2, \alpha_3, \alpha_4$	250	$T = 0$	14.34	(1968JO07)
7.74	α_3	235		14.40	(1968JO07)
7.80	α_0, α_4	70		14.45	(1968JO07)
7.82	α_0, α_2	225		14.47	(1968JO07)
7.99	α_4	200		14.62	(1968JO07)
8.02	α_0	150		14.65	(1968JO07)
8.03	α_3	310		14.66	(1968JO07)
8.07	α_0	120		14.69	(1968JO07)
8.08	α_3, α_4	310		14.70	(1968JO07)
8.21	α_2	250		14.82	(1968JO07)
8.25	α_4	380		14.85	(1968JO07)
8.30	$\alpha_0, \alpha_2, \alpha_3$	210		14.90	(1968JO07)
8.34	α_4	115		14.93	(1968JO07)
8.37	α_0	130		14.96	(1968JO07)

Table 18.15 from (1978AJ03): Maxima in the yields of $^{16}O + d$ [a] (continued)

E_d (MeV ± keV)	Particles out	$\Gamma_{c.m.}$ (keV)	$J^\pi; T$	E_x (MeV)	Refs.
8.37	α_0, α_3	250		14.96	(1968JO07)
8.40	α_0	310		14.99	(1968JO07)
8.43	α_4	120		15.01	(1968JO07)
8.50	α_3, α_4	190		15.07	(1968JO07)
8.52	α_2	150		15.09	(1968JO07)
8.56	α_2	220		15.13	(1968JO07)
8.58	α_4	180		15.15	(1968JO07)
8.61	α_0, α_3	200		15.17	(1968JO07)
8.65	α_0, α_2	135		15.21	(1968JO07)
8.72	α_2, α_4	120		15.27	(1968JO07)
8.76	α_2	160		15.30	(1968JO07)
8.79	α_0	200		15.33	(1968JO07)
8.82	$\alpha_0, \alpha_3, \alpha_4$	230		15.36	(1968JO07)
8.89	α_3	110		15.42	(1968JO07)
8.93	α_3, α_4	190		15.46	(1968JO07)
8.97	α_2, α_4	210		15.49	(1968JO07)
9.00	α_0, α_2	190		15.52	(1968JO07)

[a] These do not include the structures in α_1 leading to mixed isospin states in ^{18}F: for the latter see Table 18.16. See also Table 18.17 in (1972AJ02) and (1959AJ76).