

Table 18.9 from (1983AJ01): Resonances in $^{18}\text{O} + \gamma$

E_x (MeV) ^a				σ (mb)	Γ (MeV)
(γ , tot)	(γ , n)	(γ , 2n)	(γ , p)		
9.1	9.1			1.1 ^b	0.6
10.3	10.3			5.3 ^b	0.9
11.4	11.4			9.0 ^b	0.7
13.1	13.1	13.2		8.6 ^b	0.7
13.8	13.8	13.9		6.9 ^b	0.6
14.7	14.7	14.8		13.1 ^b	0.8
15.8	15.7	15.8		10.9 ^b	0.7
17.3 ^e	17.1		17.5	10.1 ^b , 1.2 ^c	0.6
19.4 ^e		(19.1)	19.4	10.0 ^b , 1.8 ^c	0.9
21.1 ^d		21.1	21.0	9.7 ^b , 1.2 ^c	
22.6	(22.6)	22.7	22.7		
23.7 ^d	23.7	23.5	23.7	17.7 ^b , 6.1 ^c	1.6
27 ^e	27		27 – 28		
30 ^f	30				
36 ^f					

^a (1979WO04). See also (1982BA03) and (1977AJ02, 1979BE1X) and (1980PY01).

^b $\alpha(\gamma, n) + 2\sigma(\gamma, 2n)$.

^c $\sigma(\gamma, p)$.

^d $T = 1$: see (1979WO04).

^e $T = 2$: see (1979WO04).

^f Weak and broad resonances: may indicate the presence of particle-hole states at these high energies.