

$^{18}\text{O}(\text{t,p})$  1979La18

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	D. R. Tilley, C. Cheves, J. Kelley, S. Raman, H. Weller		NP A636, 249 (1998)	21-Apr-1997

E=15 MeV. See also table 20.3 in [1998Ti06](#) and [1979Fo17](#), [1979Pi01](#).

 $^{20}\text{O}$  Levels

E(level)	$J^\pi$	L	Comments
0.0	$0^+$	0	
1674 3	$2^+$	2	
3570 7	$4^+$	4	
4072 4	$2^+$	2	
4456 5	$0^+$	0	6p-2h structure: see <a href="#">1979La04</a> , <a href="#">1979La18</a> .
4850 15	$4^+$	4	
5002 6			
5234 5	$2^+$	2	
5304 6	$2^+$	2	6p-2h structure: see <a href="#">1979La04</a> , <a href="#">1979La18</a> .
5387 6	$0^+$	0	
5614 3	$(3^-)$	(3)	
6555 8	(2)		
7252 8	$5^-$	5	
7622 7	$3^-$ & $4^+$	3+4	
7754 5	$4^+$	4	
7855 6	$(5^-)$	(5)	
8554 8	$4^+$	4	
8804 9	$3^-$	3	
8962 21	$(0^+)$	(0)	
9770 8	$0^+$	0	Strength suggests that $(\text{fp})^2$ excitations are important <a href="#">1979La18</a> .
10125 11	$2^+$	2	