

Table 6.1 from (2002TI10): Energy levels of ${}^6\text{He}$

E_x (MeV \pm keV)	$J^\pi; T$	$\tau_{1/2}$ or Γ_{cm}	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = 806.7 \pm 1.5 \text{ ms}$	β^-	1, 5, 9, 10, 11, 12, 13, 14, 15, 16, 19, 20, 21, 22, 23, 24, 25, 30, 31
1.797 ± 25	$2^+; 1^a$	$\Gamma = 113 \pm 20 \text{ keV}$	n, α	5, 9, 10, 11, 12, 13, 15, 16, 19, 20, 21, 22, 23, 24, 26, 31
5.6 ± 300^a	$(2^+, 1^-, 0^+); 1^a$	$12.1 \pm 1.1 \text{ MeV}^a$		15
14.6 ± 0.7^a	$(1^-, 2^-); 1^a$	$7.4 \pm 1.0 \text{ MeV}^a$		9, 15, 19, 22, 24
(15.5 ± 500)		$4 \pm 2 \text{ MeV}$		10, 11, 16, 19, 23, 24
23.3 ± 1.0^a		$14.8 \pm 2.3 \text{ MeV}^a$		11, 15, 19
(32)		$\leq 2 \text{ MeV}$		23
(36)		$\leq 2 \text{ MeV}$		23

^a Newly adopted in this evaluation or revised from the previous evaluation (1988AJ01).