

Table 10.24 from (1974AJ01): Energy levels of  $^{10}\text{C}$

$E_x$ (MeV $\pm$ keV)	$J^\pi; T$	$\tau$ or $\Gamma_{c.m.}$ (keV)	Decay	Reactions
g.s.	$0^+; 1$	$\tau_{1/2} = 19.42 \pm 0.06$ sec <sup>b</sup>	$\beta^+$	<a href="#">1</a> , <a href="#">3</a> , <a href="#">4</a> , <a href="#">5</a> , <a href="#">6</a> , <a href="#">7</a> , <a href="#">8</a> , <a href="#">9</a> , <a href="#">10</a> , <a href="#">11</a> , <a href="#">12</a>
$3.3527 \pm 1.5$	$2^+; 1$	$\tau_m = 155 \pm 25$ fsec	$\gamma$	<a href="#">3</a> , <a href="#">5</a> , <a href="#">6</a> , <a href="#">7</a> , <a href="#">9</a> , <a href="#">11</a>
$5.28 \pm 40$	$(2^+); 1$	$\Gamma = 300 \pm 50$		<a href="#">3</a> , <a href="#">5</a> , <a href="#">6</a> , <a href="#">9</a>
$6.60 \pm 40$		$\Gamma = 300 \pm 50$		<a href="#">3</a> , <a href="#">5</a> , <a href="#">6</a> , <a href="#">9</a>
$(10.2 \pm 200)$		$\Gamma \approx 1500$		<a href="#">9</a>
$10.72$ <sup>a</sup>				<a href="#">11</a>

<sup>a</sup> Three states with  $E_x \approx 10$  MeV are reported in [reaction 11](#) (preliminary results).

<sup>b</sup> (1974AZ01) report  $\tau_{1/2} = 19.28 \pm 0.02$  sec.