

Table 10.3 from (59AJ76): Levels of  $^{10}\text{Be}$  from  $^9\text{Be}(d, p)^{10}\text{Be}$

$^{10}\text{Be}^*$ <sup>a</sup> (MeV)	$\Gamma$ <sup>a</sup> (keV)	$l_n$ <sup>c</sup>	$l_n$ <sup>b</sup>	$J^\pi$	$\theta_n^2$ <sup>d</sup> (%)
0		1	1	$0^+$	5 – 9
$3.368 \pm 0.009$		1	1	$2^+$	1
$5.959 \pm 0.009$		0	0(1)	$1^-, (2^-)$	15
$6.178 \pm 0.009$					(0.5)
$6.262 \pm 0.009$		0	0(1)	$(1^-), 2^-$	8
7.37	$\approx 25$	1		$(2^+), 3^+$	1.2 – 1.4
			2	$0^-, 1^-, 2^-, 3^-, 4^-$	
7.54	$< 10$				0.34
9.27 <sup>b</sup>					

<sup>a</sup> (1954JU1C, 1954JU23).

<sup>b</sup> (1958CA12:  $E_d = 14.9$  MeV).

<sup>c</sup> (1956GR37:  $E_d = 9.0$  MeV).

<sup>d</sup> Computed by (1958ME81) from data of (1951BO45, 1954FU1A, 1956GR37, 1956MA55, and others). See also (1957FR1B).