

${}^{10}\text{Be}(\text{d,p})$  1979Zw01

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	J. H. Kelley, C. G. Sheu		NP A880, 88 (2012)	1-Jan-2011

**1970Au02:**  ${}^{10}\text{Be}(\text{d,P})$   $E_d=12.0$  MeV,  $15.0$  MeV, measured  $\sigma(E_p, \theta)$ ,  $\sigma(E_{p'}, \theta)$ .  ${}^{11}\text{Be}$  deduced levels, J,  $\pi$ , L, S, B(E2), deformation parameters.

**1970Go11:**  ${}^{10}\text{Be}(\text{d,P})$   $E=2.3-12$  MeV, measured  $\sigma(E_p, \theta)$ . Deduced Q.  ${}^{11}\text{Be}$  deduced level, J,  $\pi$ , S.

**1973Go09:**  ${}^{10}\text{Be}(\text{d,P})$ , deduced  $\sigma$  based on new  $T_{1/2}({}^{10}\text{Be})$ .

**1979Zw01:**  ${}^{10}\text{Be}(\text{d,P})$   $E=25$  MeV, measured  $\sigma(\theta)$ .  ${}^{11}\text{Be}$  levels deduced S, DWBA analysis.

 ${}^{11}\text{Be}$  Levels

E(level)	$J^\pi$	$L_N$	S	Comments
0	$1/2^+$	0	0.77	E(level): from $Q=20.174$ MeV 7 ( <b>1970Go11</b> ). $L_N, J^\pi$ from ( <b>1970Au02</b> ).
318 7	$(1/2, 3/2)^-$	1	0.96	E(level): from ( <b>1970Go11</b> ). $L_N, J^\pi$ from ( <b>1970Go11</b> ).
$1.78 \times 10^3$	$(5/2, 3/2)^+$	2	0.50	$L_N, J^\pi$ from ( <b>1979Zw01</b> ).