

Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	E. Browne, J. K. Tuli		NDS 114, 1041 (2013)	1-Mar-2012

$Q(\beta^-)=1626$  SY;  $S(n)=5678$  SY;  $S(p)=5416$  SY;  $Q(\alpha)=5400$  SY [2012Wa38](#)

In 1991 LBNL, Nuclear Science Division, Annual Report (LBL-31855, p.57) S. Kreek, et al. report having observed  $^{253}\text{Bk}$  in reaction  $^{18}\text{O}^{5+}$  on  $^{248}\text{Cm}$ ,  $E=99$  MeV, with a tentative half-life  $> 10$  min. The authors suggest further study to confirm their preliminary observation.

 $^{253}\text{Bk}$  Levels

<u>E(level)</u>	<u><math>T_{1/2}</math></u>
x?	$>10$ min