
Adopted Levels

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	T. D. Johnson and W. D. Kulp(a)		NDS 129, 1 (2015)	27-Jul-2015

$S(p)=1900$ SY; $Q(\alpha)=-1700$ SY [2012Wa38](#)

The uncertainties to be associated with these estimated Q values are as follows: for S(p), 500 and for Q(α), 600.

$Q(\epsilon p)=10900$ 400 (systematics), [2012Wa38](#).

Produced by Ni($^{112}\text{Sn},x$) with beam energy of 58 and 63 MeV per nucleon. Projectile fragments studied with LISE3 spectrometer ([1995Le14](#), [1995Ry03](#) by the same authors).

Some recent nuclear structure theory, calculations: [1997He24](#).

 ^{87}Ru Levels

E(level)

0.0