^{1}H(^{11}Li,^{11}Be),^{2}H(^{11}Li,^{11}Be) 1997Sh12,1997Te07,1998Sh06

History

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

1996TeZX: $^{1,\ 2}$H^{11}Li,^{11}Be), E=63 MeV; measured σ(E).

1997Sh12: $^{1,\ 2}$H^{11}Li,^{11}Be), E=63 MeV/nucleon; measured decay energy spectra for ^{9}Li+P+N, relative energy spectra. ^{11}Be dedcued IAS, Γ, decay characteristics.

1997Te07: $^{1,\ 2}$H^{11}Li,^{11}Be), E=64 MeV/nucleon; measured $\sigma(\theta)$, decay energy spectrum. ^{11}Be deduced unbound IAS, particle decay width.

1998Sh06: $^{1,\ 2}$H^{11}Li,^{11}Be), E=64 MeV/nucleon; measured decay energy spectra. ^{11}Be deduced IAS energy, width.

^{11}Be Levels

E(level)	J^{π}	$T_{1/2}$	Comments
21.16×10^{3} *2*	$3/2^{-}$	490 keV *70*	E(level): IAS of $^{11}Li_{g.s.}$; implies $\Delta E_{Coulomb}$= 1.32 MeV *2* (1997Te07,1998Sh06).