

${}^{14}\text{C}(\pi^-, \text{pd})$ 1998Go24,2010Gu04

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

[2010Gu04](#): ${}^{14}\text{C}(\pi^-, \text{pd})$, E At rest; measured proton, deuteron spectra, coincidences; deduced missing mass spectra. ${}^{11}\text{Li}$ deduced excited states.

[1998Go24](#): ${}^{14}\text{C}(\pi^-, \text{pd})$, E At rest; measured proton, deuteron spectra, coincidences; deduced missing mass spectra. ${}^{11}\text{Li}$ deduced excited states, continuum components.

The level energies published in ([1998Go24](#)) are adjusted up by 70 keV due to the change in adopted mass (2n separation energy) ([2008Sm03](#)).

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

E(level)	$T_{1/2}$	Comments
1.09×10^3 7	≈ 300 keV	E(level): from (1998Go24), also see $E_x=920$ keV 150 from (2010Gu04). Γ : from (2010Gu04).
2.14×10^3 12	≈ 700 keV	E(level): from (1998Go24), also see $E_x=2290$ keV 250 from (2010Gu04). Γ : from (2010Gu04).
3.70×10^3 13	< 200 keV	E(level): from (1998Go24), also see $E_x=3900$ keV 250 from (2010Gu04). Γ : from (2010Gu04).