^{102}Pd(p,p) IAR 1966HaZZ

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	D. De Frenne	NDS 110, 2081 (2009)	1-Mar-2009

E(p)=5.9-6.5 MeV; semi.
Coulomb displacement energy=13139 *40* (1966HaZZ).

^{103}Ag Levels

E(level)[†‡]	L[#]	S[@]	Comments
10143 *30*	0	0.23	Analog of ^{103}Pd 499-keV L=0 (d,p),(d,t) excitation. Γ(p)=8.2 keV, Γ=49.1 keV.
10300 *30*	2	0.11	Analog of ^{103}Pd 626-keV L=2 (d,p),(d,t) excitation. Γ(p)=1.5 keV, Γ=33.1 keV.
10425 *30*	0	0.14	Analog of ^{103}Pd 727-keV L=0 (d,p) excitation. Γ(p)=5.3 keV, Γ=41.3 keV.

† From S(p)=4130 *30* (2003Au03) + res E(p)(c.m.).
‡ Analog of ^{103}Pd g.s. unobserved; IAR expected at 5540 (c.m.).
# Deduced from cross-section excit function (experimental values vs calculations).
@ Proton spectroscopic factor for analog resonance.