^{185}Re(d,d′) E=12.1 MeV 1967Bi10

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	S. -c. Wu	NDS 106, 619 (2005)	1-Nov-2005

1967Bi10: Ed=12.1 MeV; 50-80 μg/cm^2 enriched Re target on carbon foil; Single-gap, broad-range magnetic spectrograph; resolution ≈ 10 keV. Deuteron detected at scattering angles of 90°, 125°, and 150°.

^{185}Re Levels

E(level)[†]	Jπ[&]	E(level)[†]	Jπ[&]	E(level)[†]	Jπ[&]
0[‡]	5/2$^+$	645[#] *5*	1/2$^+$	836 *8*	
125[‡]	7/2$^+$	697[‡] *5*	13/2$^+$	966[@] *8*	(9/2)$^+$
283[‡] *4*	9/2$^+$	716[#] *8*	3/2$^+$	1298 *8*	
476[‡] *5*	11/2$^+$	768[#] *8*	(5/2$^+$)	1634 *8*	
				1670 *8*	

[†] Authors state that ΔE ranged from 4 keV, for low-lying levels, to 8 keV, for the highest-lying levels.
[‡] 5/2[402] rotational band.
[#] K-2 γ-vibrational band based on the g.s.
[@] K+2 γ-vibrational state based on the g.s.
[&] From Adopted Levels.