^{193}**Ir(d,^{3}He)**   **1982Bl17**

	Type	Author	History Citation	Literature Cutoff Date
	Full Evaluation	Coral M. Baglin	NDS 113, 1871 (2012)	15-Jun-2012

Target $J^\pi=3/2^+$.

Data are from 1982Bl17. E(d)=40 MeV; iridium targets enriched to 99.45% in ^{193}Ir; measured E(level) (mag spect with position sensitive detectors backed by plastic scin, FWHM≈25-30 keV); measured angular distributions at angles chosen to maximize differentiation sensitivity for L(p)=2 and L(p)=0 transfer components (θ(c.m.)≈5-30°); deduced approximate total and partial spectroscopic strengths.

^{192}Os Levels

E(level)	L[†]	C^{2}S[‡]
0.0	(2)	0.34
210 2	(2)	0.38
490 5	(0+2)	0.010+0.13
910 9	(2)	0.10[#]
1070 11	(2)	0.28[#]
1960 20		
2030 20		

[†] From DWBA analysis of angular distributions.

[‡] C^{2}S, uncertainty≈20%; $s_{1/2}$ and $d_{3/2}$ orbitals assumed for L=0 and 2 transfer, respectively, unless noted to the contrary.

[#] $d_{5/2}$ orbital assumed.