U(p,X)   **2009Se13,2007De09,2006Se18**

		History	
Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Coral M. Baglin	NDS 134, 149 (2016)	15-Apr-2015

2007De09: E(p)=1.4 GeV spallation of thick UC$_x$ target; reaction products diffused into 2050° C ion source cavity and selectively ionized In 3-step LASER ionization process; Si α detector; measured optical isotope shifts; deduced Δ<r^2>. see also 2006Se18.
2009Se13: extension of report by 2007De09; deduced μ and Q.

^{183}Pb Levels

E(level)[†]	J$^{\pi}$[†]	T$_{1/2}$[†]	Comments
0.0	(3/2$^-$)	535 ms 30	μ=−1.158 5 (2009Se13); Q=+0.6 18 (2009Se13)
			Δ<r^2>(^{183}Pb−^{208}Pb)=−1.215 fm^2 13 (2007De09, 2009Se13); uncertainty from isotope shift alone is 0.008 fm^2 (2007De09, 2009Se13).
97 9	(13/2$^+$)	415 ms 20	%IT=?
			μ=−1.245 6 (2009Se13); Q=+1.7 35 (2009Se13)
			Δ<r^2>(^{183m}Pb−^{208}Pb)=−1.246 fm^2 13 (2007De09,2009Se13); uncertainty from isotope shift alone is 0.008 fm^2 (2007De09, 2009Se13).

[†] From Adopted Levels.