

<i>Target isotope:</i> $^{204}_{80}\text{Hg}$ $I^\pi_\circ = 0^+$ <i>Abundance:</i> 6.87(15) % $S_\text{p} = 6416.5(15)$ keV									$^{205}_{81}\text{Tl}(\text{p})$
E_\circ	$2J^\pi$	Γ_p	Γ	P	$\Gamma_\text{p}/\Gamma_\text{sp}$	E^*_{analog}	E_cm	E^*	Ref.
[keV]		[keV]	[keV]			[keV]	[keV]	[keV]	
12920	1^-	12.1	170	0.65			12857	19273	72F108
13390	3^-	3.4	170	0.68			13325	19741	72F108
14720*	9^+	12.9(20)	230(30)	0.41	0.77(15)		14648	21065	72F108 72Ca03
15430*	9^+	3.0(5)	230(30)	0.51	0.14(4)		15355	21771	72F108 72Ca03
15810*	5^+	16.5(40)	300(30)	0.79	0.40(16)		15733	22149	72F108 72Ca03
16500*	5^+	$\langle 28.5 \rangle$	$\langle 300 \rangle$	0.85	$\langle 0.7 \rangle$		16420	22836	72F108 72Ca03
16980	7^+	5.8	290	0.69	0.14		16897	23314	72F108
17080	3^+	22.4	280	0.89	0.65		16997	23413	72F108
17310	3^+	9.0	280	0.90	0.26		17226	23642	72F108
17400	7^+	17.4	290	0.72	0.41		17315	23732	72F108

* E_\circ is the laboratory resonance energy E_res [72Ca03] used in the calculations of E^* and E_cm .
The quantity P is the penetrability.