Target isotope: $^{106}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ Abundance: 1.25(6) % $S_p = 3717(14)$ keV $^{107}_{49}$In(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	E_{cm} [keV]	E^* [keV]	Ref.
5728(2)	5^+	0.7(3)	29(4)	0.0	0.20	5674(2)	9391(100)	69Ab09
6144(2)	1^+	16.0(3)	53(1)	457	0.39	6087(2)	9804(100)	69Ab09
6593(2)	3^+	2.3(2)	29.7(12)	702	0.21	6531(2)	10248(100)	69Ab09

Additional data on this isotope can be found in [00Bl05, 91Bl01, 70Ab02].
E^* is calculated as a sum of S_p and E_{cm}; $E_\circ$=(107/106)$\times E_{cm}$.

Target isotope: $^{108}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ Abundance: 0.89(3) % $S_p = 4521.8(51)$ keV $^{109}_{49}$In(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	E_{cm} [keV]	E^* [keV]	Ref.
6280(2)	1^+	16.0(3)	38.1(8)	0.0	0.42	6222(2)	10744(7)	69Ab09 84Bl11
6591(2)	3^+	4.6(4)	48(5)	347.5	0.43	6531(2)	11053(7)	69Ab09 84Bl11
7140(2)	1^+	8.9(5)	44(3)		0.15	7074(2)	11596(7)	69Ab09 84Bl11

Additional data on this isotope can be found in [70Ab02, 69Ab04].
E^* is calculated as the sum of S_p and E_{cm}; $E_\circ$=(109/108)$\times E_{cm}$.
More accurate data on the analogue levels in Cd^{109} could be found in [02Nu0A].

Target isotope: $^{110}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ Abundance: 12.49(18) % $S_p = 5328.1(47)$ keV $^{111}_{49}$In(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	S_{dp}	E_{cm} [keV]	E^* [keV]	Ref.
6500(2)	1^+	19.2(2)	48.9(5)	0.0	0.51	0.59	6442(2)	11786(2)	70Mi08 79Ha20 72Se07 69Ab09 75Ab09
6763(2)	5^+	1.82(1)	31(1)	254	0.23	0.11	6702(2)	12050(2)	70Mi08 79Ha20 75Ab09
6858(2)	3^+	7.5(2)	45(1)	342	0.65	0.42	6796(2)	12156(2)	70Mi08 79Ha20 72Se07 69Ab09 75Ab09
6925(20)	$\langle 1^+ \rangle$	2.30	40		$\langle 0.03 \rangle$		6863*	12191	70Mi08
7024(20)	$\langle 1^+ \rangle$	6.70	67		$\langle 0.09 \rangle$		6961*	12289	70Mi08
7057(20)	$\langle 5^+ \rangle$	0.48	29		$\langle 0.03 \rangle$		6993*	12321	70Mi08
7104(20)	5^+	0.37	30	610	0.02	0.036	7040	12368	70Mi08 79Ha20
7153(20)	$\langle 1^+ \rangle$	2.20	35		$\langle 0.03 \rangle$		7089*	12417	70Mi08
7208(20)	5^+	1.40	52	736	$\langle 0.08 \rangle$	0.029	7143*	12471	70Mi08 79Ha20
7356(20)	3^+	5.1(2)	46(2)	867	0.31	0.29	7290	12618	70Mi08 79Ha20 72Se07 69Ab09
7473(20)	3^+	0.6(1)	28(7)		0.03		7406(3)	12734	69Ab09
7526(20)	1^+	6.4(1)	34.9(9)	1020	0.11	0.14	7458	12786	70Mi08 79Ha20 72Se07 69Ab09
7579(20)	$\langle 5^+ \rangle$	0.08	8				7511	12839	70Mi08
7629(20)	$\langle 5^+ \rangle$	0.4(1)	33(10)	1130	0.03		7560	12888	70Mi08 69Ab09
7692(20)	1^+	1.5(2)	30(4)		0.02		7623(2)	12951	69Ab09
7814(20)	1^+	1.4(1)	45(5)	1330	0.02	0.077	7712(3)	13040	70Mi08 79Ha20 72Se07 69Ab09

(continued)

$^{111}_{49}$In(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	S_{dp}	E_{cm} [keV]	E^* [keV]	Ref.
7963(20)	⟨5+⟩	0.32	25		⟨0.01⟩		7891	13219	70Mi08
8056(20)	⟨3+⟩	2.60	35	1550	⟨0.07⟩		7983	13311	70Mi08
8132(20)	⟨1+⟩	0.36	24	1660			8059	13387	70Mi08
8247(20)	⟨3+⟩	1.60	35	1720	⟨0.04⟩		8173	13501	70Mi08
8294(20)	⟨5+⟩	0.20	15		⟨0.01⟩		8219	13547	70Mi08
8378(20)	⟨3+⟩	0.40	22	1860	⟨0.01⟩		8303	13631	70Mi08
8469(20)	⟨3+⟩	0.26	16	1970	⟨0.01⟩		8393*	13721	70Mi08
8500(20)	⟨3+⟩	0.50	17	2020	⟨0.01⟩		8423*	13751	70Mi08
8544(20)	⟨5+⟩	0.46	20		⟨0.01⟩		8467*	13795	70Mi08
8650(20)	⟨3−⟩	0.56	30	2140	⟨0.01⟩		8572*	13900	70Mi08
8733(20)	⟨5+⟩	0.50	35	2200	⟨0.02⟩		8654*	13982	70Mi08
8844(20)	⟨1+⟩	1.60	35	2280	⟨0.02⟩		8764*	14092	70Mi08
8890(20)	⟨5+⟩	0.23	15		⟨0.01⟩		8810*	14138	70Mi08
8987(20)	7−	2.00	35		0.08		8906	14234	70Mi08
9094(20)	1+	1.90	38		0.02		9012	14340	70Mi08
9206(20)	1+	2.40	30		0.03		9123	14451	70Mi08
9289(20)	7−	0.74	28		0.03		9205	14533	70Mi08

Additional data on this isotope can be found in [79Ha20, 77So10, 75Gu07, 70Ab02, 69Ab09].
* Probable values E_{cm} which quantities are enclosed in parentheses in [70Mi08].
For resonances with higher energies there is no close correspondence between data sets.
Spectroscopic factors are extracted from the elastic analog resonance scattering [79Ha20].
E^* is calculated as the sum of S_p and E_{cm}; $E_\circ$=(111/110)×E_{cm}.

$^{112}_{49}$In(p)

Target isotope: $^{111}_{48}$Cd $I^\pi_\circ = 1/2^+$ *Abundance:* 12.80(12) % $S_p = 6029.9(51)$ keV

$E_\circ$ [keV]	J^π	Γ [keV]	E^*_{analog} [keV]	E_{cm} [keV]	E^* [keV]	Ref.	
4022(20)	⟨0+⟩	25	0.0	3986(20)	10016(20)	66Ke05	70Mi08
4629(20)	⟨2+⟩	⟨35⟩		4588(20)	10618(20)	66Ke05	

E^* is calculated as a sum of S_p=6029.86(509) keV and E_{cm}=(112/113)×$E_\circ$.

Target isotope: ${}^{112}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ *Abundance:* 24.13(21) % $S_p = 6074.3(33)$ keV

${}^{113}_{49}$**In**(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	S_{dp}	E_{cm} [keV]	E^* [keV]	Ref.			
6859(2)	1^+	19.4(1)	53.2(4)	0.0	0.48	0.34	6798(1)	12872	70Mi08	72Se07	69Ab09	75Ab09
7166(2)	3^+	7.2	33.7	299	0.66	0.40	7103(1)	13177	70Mi08	72Se07	69Ab09	75Ab09
7409(20)	$\langle 5^+ \rangle$	1.0	45	584	⟨0.22⟩	0.05	7343	13417	70Mi08		69Ab09	
7524(20)	3^+	3.5	47	681	0.24	0.27	7457(20)	13531	70Mi08	72Se07	69Ab09	
7732(20)	1^+	7.0	50	884	0.09	0.07	7664(20)	13738	70Mi08	72Se07	69Ab09	
7852(20)	1^+	4.6	50	988	0.07	0.04	7783(20)	13857	70Mi08	72Se07	69Ab09	
8061(20)	5^+	0.96	25		0.04		7990(20)	14064	70Mi08			
8379(20)	3^+	0.88	30		0.03	0.06	8305(20)	14379	70Mi08			
8479(20)	3^+	0.97	31.8		0.03	0.02	8404(20)	14478	70Mi08			
8676(20)	$\langle 5^+ \rangle$	0.26	35		⟨0.01⟩		8599*	14673	70Mi08			
9039(20)	1^+	1.5	30		0.02	0.04	8959(20)	15033	70Mi08			
9092(20)	$\langle 1^+ \rangle$	1.4	40		⟨0.02⟩	0.03	9012*	15086	70Mi08			
9138(20)	7^-	1.73	58		0.06		9057(20)	15131	70Mi08			
9334(20)	$\langle 3^- \rangle$	0.6	18		⟨0.01⟩		9251*	15325	70Mi08			
9476(20)	3^-	1.8	34		0.02	0.02	9392(20)	15466	70Mi08			
9518(20)	7^-	0.54	25		0.02		9434(20)	15508	70Mi08			
9611(20)	$\langle 3^- \rangle$	0.3	30				9526*	15600	70Mi08			
9640(20)	$\langle 7^- \rangle$	0.63	38		⟨0.02⟩	0.02	9555(20)	15629	70Mi08			
9686(20)	$\langle 1^+ \rangle$	1.8	40		⟨0.02⟩	0.03	9600*	15674	70Mi08			
9760(20)	7^-	0.62	29		0.02		9674(20)	15748	70Mi08			
9804(20)	$\langle 7^- \rangle$	0.7	70		⟨0.02⟩		9717*	15791	70Mi08			
9883(20)	$\langle 5^+ \rangle$	0.2	25				9796*	15870	70Mi08			
9938(20)	$\langle 1^+ \rangle$	1.7	35		⟨0.02⟩		9850*	15924	70Mi08			
9975(20)	$\langle 5^+ \rangle$	1.2	60		⟨0.02⟩		9887*	15961	70Mi08			
10043(20)	3^-	1.8	32		0.02		9954(20)	16028	70Mi08			
10152(20)	3^-	1.6	55		0.02		10062(20)	16136	70Mi08			
10243(20)	7^-	0.4	34		0.01		10152(20)	16226	70Mi08			
10352(20)	$\langle 3^- \rangle$	2.0	70		⟨0.02⟩		10260*	16334	70Mi08			
10512(20)	$\langle 1^+ \rangle$	1.4	40		⟨0.01⟩		10419*	16493	70Mi08			
10607(20)	3^-	1.8	32		0.02		10513(20)	16587	70Mi08			

Additional data on this isotope can be found in [98Bl04, 90Bl03, 77So10, 75Ab09, 69Ab04].
* Probable values E_{cm} which quantities are enclosed in parentheses in [70Mi08].
For resonances with higher energies there is no close correspondence between data sets.
E^* is calculated as a sum of S_p and E_{cm}; $E_\circ=(112/113)\times E_{cm}$.
Values E_{cm} in [69Ab09] are systematically higher about 20 keV than that in [70Mi08] adopted in [90Bl03].

Target isotope: $^{113}_{48}$Cd $I^{\pi}_{\circ} = 1/2^{+}$ *Abundance:* 12.22(12) % $S_p = 6808.5(33)$ keV

$^{114}_{49}$In(p)

$E_\circ$ [keV]	J^π	Γ [keV]	E^*_{analog} [keV]	E_{cm} [keV]	E^* [keV]	Ref.	
4300(8)	⟨0+⟩	28	0.0	4262	11071	66Ke05	70Mi08
4857(12)	⟨2+⟩	⟨35⟩		4814	11623	66Ke05	

E^* is calculated as the sum of S_p and E_{cm}; E_{cm}=(113/114)×$E_\circ$

Target isotope: $^{114}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ *Abundance:* 28.73(42) % $S_p = 6804.4(40)$ keV

$^{115}_{49}$In(p)

$E_\circ$ [keV]	$2J^\pi$	Γ_p [keV]	Γ [keV]	E^*_{analog} [keV]	S_{pp}	S_{dp}	E_{cm} [keV]	E^* [keV]	Ref.		
7200(1)	1+	32	65	0.0	0.63	0.35	7137(1)	13941	70Mi08	72Se07	75Ab09
7429(1)	3+	9.8	45	229	0.49	0.53	7364(1)	14168	70Mi08	72Se07	75Ab09
7557(20)	5+	1.7	32	360	0.09	0.096	7491(20)	14295	70Mi08	87Bl23	
7660(20)	3+			473		⟨0.28⟩	7593(20)	14397	70Mi08	87Bl23	
7810(20)	⟨5+⟩	0.42	19.5		⟨0.02⟩		7742*	14546	70Mi08		
7842(20)	1+	10	55	649	0.16	0.085	7774(20)	14578	70Mi08	72Se07	87Bl23
7939(20)	3+	0.62	30	749	0.02	0.049	7870(20)	14674	70Mi08	87Bl23	
7984(20)	3+	1.4	23	777	0.05	0.126	7915(20)	14719	70Mi08	87Bl23	
8021(20)	⟨1+⟩	4.2	85.8		⟨0.06⟩	0.006	7951*	14755	70Mi08		
8139(20)	1+	2.4	50	955	0.04	0.014	8068(20)	14872	70Mi08	87Bl23	
8268(20)	5+			1085		0.024	8196(20)	15000	70Mi08	87Bl23	
8386(20)	⟨1+⟩	4.6	70		⟨0.06⟩	0.021	8313*	15117	70Mi08		
8472(20)	⟨5+⟩	0.26	28		⟨0.01⟩	0.011	8398*	15202	70Mi08		
8528(20)	⟨5+⟩	0.3	25		⟨0.01⟩	0.022	8454*	15258	70Mi08		
8576(20)	⟨5+⟩	2.0	50	1365	⟨0.07⟩	0.047	8501(20)	15305	70Mi08	87Bl23	
8590(20)	1+	7.4	58		0.10		8515*	15319	70Mi08	87Bl23	
8695(20)	⟨5+⟩	1.2	26		⟨0.04⟩		8619*	15423	70Mi08		
8764(20)	⟨1+⟩	3.4	44		⟨0.04⟩		8688*	15492	70Mi08		
8821(20)	⟨5+⟩	1.0	65		⟨0.03⟩		8744*	15548	70Mi08		
9115(20)	3−	1.5	22	1928	0.02	0.016	9036(20)	15840	70Mi08	87Bl23	
9162(20)	⟨1+⟩	1.9	40		⟨0.02⟩		9082*	15886	70Mi08		
9184(20)	⟨3−⟩	0.2	15			0.032	9104*	15908	70Mi08		
9234(20)	⟨1+⟩	0.16	20				9154*	15958	70Mi08		
9282(20)	7−	1.2	60		0.04		9201(20)	16005	70Mi08	87Bl23	
9708(20)	7−	3.8	75		0.12		9624(20)	16428	70Mi08	87Bl23	

Additional data on this isotope can be found in [00St08, 99Bl28, 87Bl23].
* Probable values E_{cm} which quantities are enclosed in parentheses in [70Mi08].
Spectroscopic factor S_{dp} was extracted from the elastic scattering data [70Mi08].
For resonances with higher energies there is no close correspondence between data sets.
E^* is calculated as the sum of S_p and E_{cm}; $E_\circ$=(115/114)×E_{cm}.
Values E_{cm} in [69Ab09] are systematically (about 20 keV) higher than that in [70Mi08] adopted in [99Bl28].

Target isotope: $^{116}_{48}$Cd $I^{\pi}_{\circ} = 0^{+}$ *Abundance:* 7.49(18) % $S_{\rm p}$ = 7512.2(61) keV

$^{117}_{49}$**In**(p)

$E_{\circ}$ [keV]	$2J^{\pi}$	$\Gamma_{\rm p}$ [keV]	Γ [keV]	$E^{*}_{\rm analog}$ [keV]	$S_{\rm pp}$	$E_{\rm cm}$ [keV]	E^{*} [keV]	Ref.		
7489(2)	⟨1^{+}⟩	25.4(3)	67(1)	0	0.63	7425(2)	14937(6)	92Bl08	69Ab09	75Ab09
7627(2)	⟨3^{+}⟩	10.8(3)	52(2)	135	0.83	7562(2)	15074(6)	92Bl08	69Ab09	75Ab09
7936	⟨1^{+}⟩	3.1(4)	69(1)		0.07	7869	15381(6)	92Bl08	69Ab09	
8163	⟨3^{+}⟩	6.1(3)	58(3)		0.36	8094	15606(6)	92Bl08	69Ab09	

E^{*} is calculated as a sum of $S_{\rm p}$ and $E_{\rm cm}$; $E_{\circ}$=(117/116)$\times E_{\rm cm}$.