

Target isotope: $^{142}_{60}\text{Nd}$ $I^\pi_\circ = 0^+$ Abundance: 27.2(5) % $S_p = 4299.9(24)$ keV $^{143}_{61}\text{Pm}(p)$

E_\circ	$2J^\pi$	Γ_p	Γ	E^*_{analog}	S_{pp}	S_{dp}	E_{cm}	E^*	Ref.				
[keV]		[keV]	[keV]	[keV]			[keV]	[keV]					
9490(10)	7^-	10.5	54	0.0	0.94	0.83	9424	13724(10)	68Ha0A	66Me10	77Cl02	74Bi01	72Se07
10223(10)	3^-	23.5	79	741	0.45	0.40	10152	14451(10)	68Ha0A	66Me10	77Cl02	74Bi01	72Se07
10792(10)	1^-	22.7	97	1298	0.40	0.25	10717	15016(10)	68Ha0A	72Se07	77Cl02	74Bi01	
10917(10)	9^-	1.0	30	1401	0.71	0.62	10841	15141(10)		72Se07	77Cl02		
11046(10)	5^-	6.0	59	1549	0.22	0.24	10969	15269(10)	68Ha0A	72Se07	77Cl02	74Bi01	
11380(20)	7^-	1.6	39	1845	0.03	0.11	11300	15600(20)			77Cl02		
11390(20)	3^-	4.6	75		0.05	0.07	11310	15610(20)			77Cl02		
11450(20)	5^-	6.9	76	1902	0.18	0.25	11370	15670(20)			77Cl02		

Additional data on this isotope can be found in [86Pe07, 70Gr05, 68Cl01, 66Wu02].

Target isotope: $^{144}_{60}\text{Nd}$ $I^\pi_\circ = 0^+$ Abundance: 23.8(3) % $S_p = 4810.0(22)$ keV $^{145}_{61}\text{Pm}(p)$

E_\circ	$2J^\pi$	Γ_p	Γ	E^*_{analog}	S_{pp}	S_{dp}	E_{cm}	E^*	Ref.	
[keV]		[keV]	[keV]	[keV]			[keV]	[keV]		
9730(15)	7^-	5(1)	75(10)	0.0			9663	14473(15)	69ClZZ	72Se07
10515	3^-	18(2)	90(10)				10442	15253	69ClZZ	
10660	1^-	17(2)	100(10)				10586	15397	69ClZZ	
10680	5^-	3.5(10)	50(10)				10606	15416	69ClZZ	

Target isotope: $^{146}_{60}\text{Nd}$ $I^\pi_\circ = 0^+$ Abundance: 17.2(3) % $S_p = 5405.71(91)$ keV $^{147}_{61}\text{Pm}(p)$

E_\circ	$2J^\pi$	Γ_p	Γ	E^*_{analog}	S_{pp}	S_{dp}	E_{cm}	E^*	Ref.			
[keV]		[keV]	[keV]	[keV]			[keV]	[keV]				
10145(10)	7^-	5(2)	80(20)	0.0	0.60	0.52	10076	15482(10)	68Ha0A	69ClZZ	69Gr01	72Se07
10240(20)					0.072	0.088	10170	15576(20)	68Ha0A			
10560(20)					0.19	0.19	10488	15894(20)	68Ha0A			
10710(10)	3^-			583	0.22	0.28	10637	16043(10)	68Ha0A	72Se07		

Target isotope: $^{148}_{60}\text{Nd}$ $I^\pi_\circ = 0^+$ Abundance: 5.7(1) % $S_p = 5947.0(34)$ keV $^{149}_{61}\text{Pm}(p)$

E_\circ	$2J^\pi$	Γ_p	Γ	E^*_{analog}	S_{pp}	S_{dp}	E_{cm}	E^*	Ref.			
[keV]		[keV]	[keV]	[keV]			[keV]	[keV]				
10375(10)	5^-				0.0				10305	16252(11)	72Se07	

Target isotope: $^{150}_{60}\text{Nd}$ $I^\pi_{\text{o}} = 0^+$ Abundance: 5.6(2) % $S_{\text{p}} = 6994.5(45)$ keV

$^{151}_{61}\text{Pm}(\text{p})$

E_{o}	$2J^\pi$	Γ_{p}	Γ	E^*_{analog}	S_{pp}	S_{dp}	E_{cm}	E^*	Ref.
[keV]		[keV]	[keV]	[keV]			[keV]	[keV]	
10250(10)	7^-			309(5)			10182	17177(11)	72Se07
10755(10)				821(5)			10684	17678(11)	72Se07