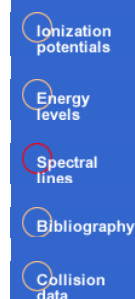


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Spectral lines



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Num	Atom	Ion	Wavelength, Å	Transition	Upper level	Upper configuration	Lower level	Lower configuration	$A_{rad/s^{-1}}$	Oscillator strength	Lower energy	Upper energy
1	Mg	Na	2928.634	4s-3p	(4s) ² S _{1/2}	4s	(3p) ² P _{1/2}	3p				
2	Mg	Na	2928.8		(E=69805) J=1/2	69805	(E=35661) J=1/2	35661	1.2E+8			
3	C	He	2929.06	6p-5s	(1s6p) ³ P ₁	1s6p	(1s5s) ¹ S ₀	1s5s			3051350	3085490
4	Er	Ho	2929.27		(E=47466) J=15/2	47466	(E=13338) J=13/2	13338	1.9E+7			
5	V	Ti	2930.1		(E=48580) J=3	48580	(E=14451) J=3	14451	2.7E+7			
6	B	He	2930.69	7p-5d	(1s7p) ³ P ₂	1s7p	(1s5d) ³ D ₂	1s5d			2021740	2055860
7	B	He	2930.69	7p-5d	(1s7p) ³ P ₂	1s7p	(1s5d) ³ D ₁	1s5d			2021740	2055860
8	Na	Ne	2930.883	3d-3p	(2p ⁵ _{3/2} 3d [3/2]) _{J=1}	2p(5)3d	(2p ⁵ 3p 3D ₂)	2p(5)3p				
9	Cr	V	2930.9		(E=64062) J=3/2	64062	(E=29943) J=1/2	29943	1.1E+8			
10	B	He	2931.11	7p-5d	(1s7p) ³ P ₂	1s7p	(1s5d) ³ D ₃	1s5d			2021740	2055860
11	B	He	2931.15	7p-5d	(1s7p) ³ P ₁	1s7p	(1s5d) ³ D ₂	1s5d			2021740	2055850
12	B	He	2931.15	7p-5d	(1s7p) ³ P ₁	1s7p	(1s5d) ³ D ₁	1s5d			2021740	2055850
13	B	He	2931.15	7p-5d	(1s7p) ³ P ₀	1s7p	(1s5d) ³ D ₁	1s5d			2021740	2055850
14	Ti	Sc	2931.3		(E=65313) J=5/2	65313	(E=31198) J=5/2	31198	3.2E+8			
15	B	He	2931.43	7d-5p	(1s7d) ¹ D ₂	1s7d	(1s5p) ¹ P ₁	1s5p			2022110	2056220
16	Sr	Sr	2931.8		(E=34098) J=1	34098	(E=0) _{J=0}	0	1.9E+6			
17	Tm	Tm	2932.96		(E=34085) J=5/2	34085	(E=0) _{J=7/2}	0		0.0098		
18	Tm	Tm	2933		(E=34085) J=5/2	34085	(E=0) _{J=7/2}	0	1.0E+7			

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