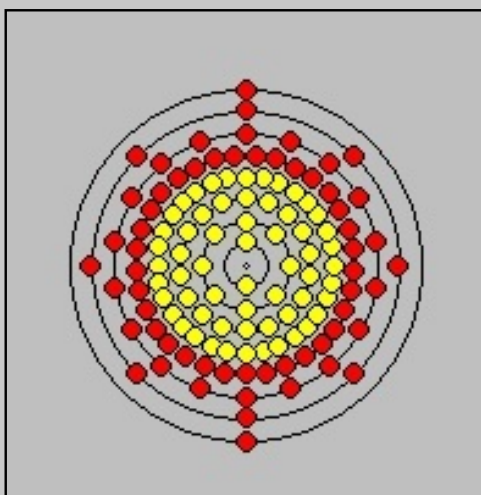




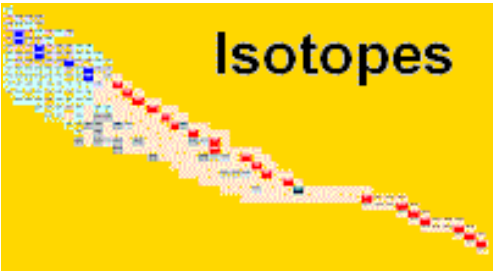
transition metals



2, 8, 18, 32, 33, 18, 8, 2

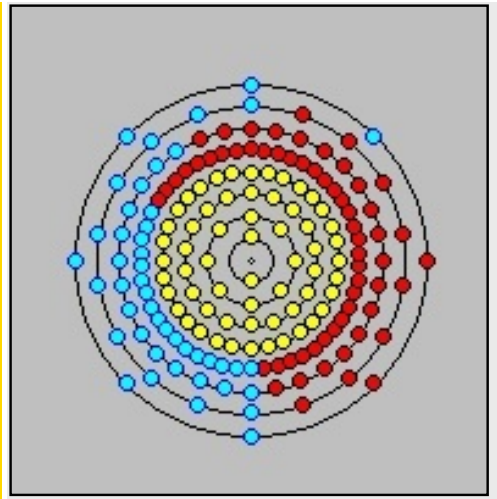
Sc	Y	La	Ac	Ubu	Usu	Bbu
21	39	57	89	121	171	221

Unbiunium

Symbol	Ubu
Atomic Number	121
Relative Atomic Mass $^{12}\text{C} = 12.0000$	[-]
Significant Atomic Mass	322 Neutrons 201
Atomic Radius pm	-
First Ionisation Energy kJ mol^{-1}	-
Electronegativity	-
Density kg m^{-3}	-
Molar Volume cm^3	-
Thermal Conductivity $\text{W m}^{-1} \text{K}^{-1}$	-
Melting Point	-
Boiling Point	-
Number of Isotopes	-
	
Inner+ outer Shells	4 + 4 = 8
Inner + outer Orbitals	60 + 61 = 121
Filling Orbital	5g ¹
Ground State Electron Configuration	[Uuo] 5g ¹ 6d ¹⁰ 7p ⁶ 8s ²

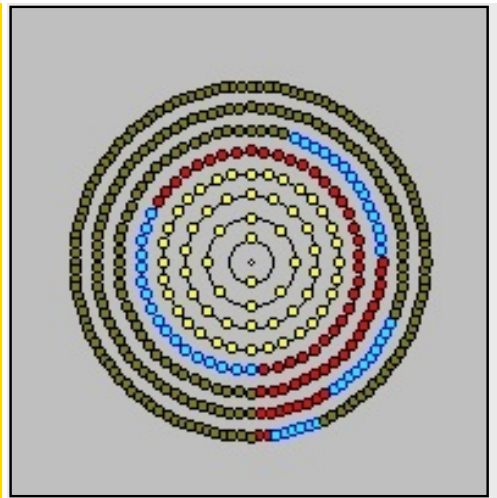
Ground State Electron Configuration with free Orbitals (n= 47)

0,0,0,0,17,14,10,6



Ground State Electron Configuration with comp. Orbitals (n= 240)

0, 0, 0, 0, 0, 40, 80, 120



Singularity

408 = 60 + 61 + 47 + 240

	s	p	d	f	g	h	i	j
1	2							
2	2	6						
3	2	6	10					
4	2	6	10	14				
5	2	6	10	14	1	17		
6	2	6	10	14	18	22		
7	2	6	10	14	18	22	26	
8	2	6	10	14	18	22	26	30
9								

Term Symbol

-

Discovery

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