

# The Electronic Schemata of the Elements

1 H	9 F	17 Cl	25 Mn	35 Br	43 Tc	53 I	61 Pm	69 Tm	75 Re	85 At	93 Np	101 Md	107 Uns	117 Uus		
2 He	10 Ne	18 Ar	26 Fe	36 Kr	44 Ru	54 Xe	62 Sm	70 Yb	76 Os	86 Rn	94 Pu	102 No	108 Uno	118 Uuo		
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu	77 Ir	79 Au	87 Fr	95 Am	109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd	78 Pt	80 Hg	88 Ra	96 Cm	110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc	31 Ga	39 Y	49 In	57 La	65 Tb	71 Lu	81 Tl	89 Ac	97 Bk	103 Lr	113 Uut			
6 C	14 Si	22 Ti	32 Ge	40 Zr	50 Sn	58 Ce	66 Dy	72 Hf	82 Pb	90 Th	98 Cf	104 Unq	114 Uuq			
7 N	15 P	23 V	33 As	41 Nb	51 Sb	59 Pr	67 Ho	73 Ta	83 Bi	91 Pa	99 Es	105 Unp	115 Uup			
8 O	16 S	24 Cr	34 Se	42 Mo	52 Te	60 Nd	68 Er	74 W	84 Po	92 U	100 Fm	106 Unh	116 Uuh			

Basic Scroll of the 120-Element Schema

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# The Neutronic Schema of the Elements By Families and Groups

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UOU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UOO	119 UUE	120 UBN

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# The Iron Peak on Three Different Schemata of the Elements

Nuclear fusion in any element lighter than 26-Iron requires energy.

Nuclear fusion in an element heavier than 26-Iron produces energy.

## The Neutronic Periodic Table of the Elements By

Latin Notation

Nuclear fusion in elements requires energy

Charles William Johnson

										1 U	2 B	3 T	4 Q				
										8 O	9 E	10 UN	11 UU	12 UB			
										13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UOO	119 UUE	120 UBN

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## Earth/matriX Editions

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# The Electronic Schemata of the Elements

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc 		53 I	61 Pm 	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po 	92 U	100 Fm	106 Unh		116 Uuh	

## Basic Scroll of the 120-Element Schema

# The Electronic Schemata of the Elements

## The Iron Peak

**Nuclear Fusion**

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fusion in any element lighter than 26-Iron requires energy.**

# The Electronic Schemata of the Elements

## The Iron Peak

**Nuclear Fusion**

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
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4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fusion in an element heavier than 26-Iron produces energy.**

# The Electronic Schemata of the Elements

## The Iron Peak

## Nuclear Fusion

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fusion in any element lighter than 26-Iron requires energy.**

**Nuclear fusion in an element heavier than 26-Iron produces energy.**

# The Electronic Schemata of the Elements

## The Iron Peak

## Nuclear Fission

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
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5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
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8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fission** in an element lighter than 26-Iron **produces** energy.

# The Electronic Schemata of the Elements

## The Iron Peak

## Nuclear Fission

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
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6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fission** in any element heavier than 26-Iron **requires** energy.

# The Electronic Schemata of the Elements

## The Iron Peak

## Nuclear Fission

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
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4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
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7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

**Nuclear fission** in an element lighter than 26-Iron **produces** energy.



**Nuclear fission** in any element heavier than 26-Iron **requires** energy.



# The Electronic Schemata of the Elements

## Underlying Symmetries of the Elements

# The Iron Peak



1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc 		53 I	61 Pm 	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns		117 Uus
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno		118 Uuo
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Nh	111 Rg	119 Uue
4 Be	12 Mg		<p align="center"><b><u>26-Iron in Relation Radioactive Elements 43-Tc &amp; 61-Pm</u></b></p> <p align="center">26-Fe    43-Te    61-Pm</p> <p align="center"><i>Eight elements in parentheses between each pair.</i></p> <p align="center">26 (16) 43 (17 ) 61</p> <p align="center">Double 26 &gt; 52-Te</p> <p align="center">43 (8) 52 (8) 61</p>														112 Uub	120 Ubn
5 B	13 Al																113 Uut	
6 C	14 Si																114 Uuq	
7 N	15 P	23 V																33 As
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

## Basic Scroll of the 120-Element Schema

# The Electronic Schemata of the Elements

## Underlying Symmetries of the Elements

# The Iron Peak

1 H	9 F	17 Cl	25 Mn	35 Br	43 Tc 	53 I	61 Pm 	69 Tm	75 Re	85 At	93 Np	101 Md	107 Uns	117 Uus
2 He	10 Ne	18 Ar	26 Fe	36 Kr	44 Ru	54 Xe	62 Sm	70 Yb	76 Os	86 Rn	94 Pu	102 No	108 Uno	118 Uuo

### 26-Iron in Relation Radioactive Elements 43-Tc & 61-Pm

26-Fe

43-Tc 


61-Pm 


*Eight elements in parentheses between each pair.*

26 (16) 43 (17) 61

Double 26 > 52-Te

43 (8) 52 (8) 61

**26 > 52 > 104 **

**43 + 61 = 104 **

8 O	16 S	24 Cr	34 Se	42 Mo	52 Te	60 Nd	68 Er	74 W	84 Po	92 U	100 Fm	106 Unh	116 Uuh
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## Basic Scroll of the 120-Element Schema

# The Iron Peak

## Nuclear Fission

Nuclear fission in any element lighter than 26-Iron **produces** energy.

Nuclear fission in an element heavier than 26-Iron **requires** energy.

Nuclear fusion in an element lighter than 26-Iron **requires** energy.

Nuclear fusion in any element heavier than 26-Iron **produces** energy.

## Nuclear Fusion

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns	117 Uus	
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno	118 Uuo	
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	

1 H	9 F	17 Cl	25 Mn		35 Br	43 Tc		53 I	61 Pm	69 Tm	75 Re		85 At	93 Np	101 Md	107 Uns	117 Uus	
2 He	10 Ne	18 Ar	26 Fe		36 Kr	44 Ru		54 Xe	62 Sm	70 Yb	76 Os		86 Rn	94 Pu	102 No	108 Uno	118 Uuo	
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu		77 Ir	79 Au	87 Fr	95 Am		109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd		78 Pt	80 Hg	88 Ra	96 Cm		110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc		31 Ga	39 Y		49 In	57 La	65 Tb	71 Lu		81 Tl	89 Ac	97 Bk	103 Lr		113 Uut	
6 C	14 Si	22 Ti		32 Ge	40 Zr		50 Sn	58 Ce	66 Dy	72 Hf		82 Pb	90 Th	98 Cf	104 Unq		114 Uuq	
7 N	15 P	23 V		33 As	41 Nb		51 Sb	59 Pr	67 Ho	73 Ta		83 Bi	91 Pa	99 Es	105 Unp		115 Uup	
8 O	16 S	24 Cr		34 Se	42 Mo		52 Te	60 Nd	68 Er	74 W		84 Po	92 U	100 Fm	106 Unh		116 Uuh	




# The Electronic Schemata of the Elements

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# The Neutronic Periodic Table of the Elements

## Latin Notation

**The First Three Radioactive Elements 43-61-84**

														1 U	2 B	3 T	4 Q
										5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
										13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

Patent Pending

# The Neutronic Periodic Table of the Elements

## Latin Notation

**Nuclear Fission** elements heavier than  
**26-Iron** require energy

**The First Three Radioactive Elements 43-61-84**

### Nuclear Fission

				1 U	2 B	3 T	4 Q
5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN

21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 ⚠	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 ⚠	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 ⚠	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

Patent Pending

# The Neutronic Periodic Table of the Elements

## Latin Notation

**Nuclear fission** elements lighter than 26-Iron produce energy

## Nuclear Fission

														1 U	2 B	3 T	4 Q				
														5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
														13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
	21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO			
	39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH			
	57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN							
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO			
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB							
Patent Pending	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN			

**The Neutronic Periodic Table of the Elements**  
**Nuclear fission** in an element lighter than 26-Iron  
**produces** energy

**Nuclear Fission** in an element heavier than  
**26-Iron requires** energy

**Nuclear Fission**

														1 U	2 B	3 T	4 Q					
														5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	
														13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN	
	21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO				
	39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH				
	57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN								
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO				
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB								
	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN				

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# The Neutronic Periodic Table of the Elements

## Latin Notation

														1 U	2 B	3 T	4 Q				
														5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
														13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO				
39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH				
57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN								
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO				
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB								
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN				

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# The Neutronic Periodic Table of the Elements

## Latin Notation

### Underlying Symmetries of the Elements

### The First Two Radioactive Elements 43-61

														1 U	2 B	3 T	4 Q	
											5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
											13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	
39 TE	40 QN	41 QU	42 QB	43 Tc	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	
57 PS	58 PO	59 PE	60 HN	61 Pm	62 HB	63 HT	64	65	66	67	68	69	70					
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS												
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP												
103 UNT	104 UNO	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE												

**26-Iron in Relation Radioactive elements 43-Tc & 61-Pm**

26-Fe 43-Te 61-Pm  
 26 (16) 43 (17) 61  
 Double 26 > 52-Te  
 43 (8) 52 (8) 61  
 Eight elements in between each pair.  
 Doubles: 26 > 52 > 104  
 Sum: 43 + 61 = 104  
 43 (8) 52 (8) 61  
 104 - 61 = 43

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## 26-Iron in Relation Radioactive elements 43-Tc & 61-Pm & 84-Po

Elements in between each pair in parentheses.

26-Fe 43-Tc 61-Pm 84-Po





26 (16) 43 (17) 61 (22) 84

26 (16) 43 (8) 52 (8) 61 (22) 84

84 - 52 = 32

84 + 32 = 116

104 (11) 116

														1 U	2 B	3 T	4 Q	
										5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	
										13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN	
	21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
	39 TE	40 QN	41 QU	42 QB	43 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
	57 PS	58 PO	59 PE	60 HN	61 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 	85 OP	86 OH	87 OS	88 OO
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
	103 UNT	104 U 	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UOQ	119 UUE	120 UBN

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## 26-Iron in Relation Radioactive elements 43-Tc & 61-Pm & 84-Po

Elements in between each pair in parentheses.

26-Fe 43-Tc 61-Pm 84-Po






26 (16) 43 (17) 61 (22) 84

26 (16) 43 (8) 52 (8) 61 (22) 84

84 - 52 = 32

84 + 32 = 116

104 (11) 116

														1	2	3	4				
														U	B	T	Q				
														5	6	7	8	9	10	11	12
														P	H	S	O	E	UN	UU	UB
														13	14	15	16	17	18	19	20
														UT	UQ	UP	UH	US	UO	UE	BN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38				
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO				
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56				
TE	QN	QU	QB		QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH				
57	58	59	60	61	62	63	64	65	66	67	68	69	70								
PS	PO	PE	HN		HB	HT	HQ	HP	HH	HS	HO	HE	SN								
71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88				
SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON	OU	OB	OT		OP	OH	OS	OO				
89	90	91	92	93	94	95	96	97	98	99	100	101	102								
OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN	UNU	UNB								
103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120				
UNT		UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP		UUS	UUO	UUE	UBN				

Patent Pending












































# The Schemata of the Elements

1	2	3	4
U	B	T	Q

5	6	7	8	9	10	11	12
P	H	S	O	E	UN	UU	UB

13	14	15	16	17	18	19	20
UT	UQ	UP	UH	US	UO	UE	BN

## Radioactive Elements

21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO
39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
TE	QN	QU	QB		QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH
57	58	59	60	61	62	63	64	65	66	67	68	69	70				
PS	PO	PE	HN		HB	HT	HQ	HP	HH	HS	HO	HE	SN				
71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON	OU	OB	OT					
89	90	91	92	93	94	95	96	97	98	99	100	101	102				
																	
103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
																	

Patent Pending

# The Schemata of the Elements

## Elements Essential to Living Matter



				1 U 	2 B 	3 T	4 Q
5 P 	6 H 	7 S 	8 O 	9 F 	10 UN	11 III 	12 IIR 
13 UT 	14 UO 	15 UP 	16 UH 	17 US 	18 UO	19 UE 	20 BN 

21 BU	22 BB	23 RT 	24 RO 	25 RP 	26 RH 	27 RS 	28 RO 	29 RF 	30 TN 	31 TU	32 TR 	33 TT	34 TO 	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 OB 	43 QT 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN 	51 PU	52 PB 	53 PT 	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 HU 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ 	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ 	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH 	117 UUS	118 UUO	119 UUE	120 UBN

Patent Pending

# Elements Essential to Living Matter



## The Schemata of the Elements

### Radioactive Elements







































































														1 II	2 R	3 T	4 Q
										5 P	6 H	7 S	8 O	9 F	10 UN	11 III	12 IIR
										13 IIT	14 IIO	15 IIP	16 IIH	17 IIS	18 UO	19 IIF	20 RN
21 BU	22 BB	23 BT	24 RO	25 RD	26 RU	27 RS	28 RO	29 RF	30 TN	31 TU	32 TR	33 TT	34 TO	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 OR	43 RU	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 RU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 CU	85 CU	86 CU	87 CU	88 CU
89 CU	90 EU	91 IU	92 IU	93 IU	94 IU	95 EU	96 EU	97 IU	98 EU	99 EU	100 U	101 U	102 U				
103 U	104 U	105 U	106 U	107 U	108 U	109 U	110 U	111 U	112 U	113 U	114 U	115 U	116 U	117 U	118 U	119 U	120 U

Patent Pending

# Elements Essential to Living Matter

## The Schemata of the Elements

### Radioactive Elements

														1 U 	2 R 	3 T	4 Q				
														5 D 	6 H 	7 S 	8 O 	9 F 	10 UN	11 UU 	12 UR 
														13 UT 	14 UO 	15 UP 	16 UH 	17 US 	18 UO	19 UF 	20 BR 
21 BU	22 BB	23 BT 	24 BO 	25 BP 	26 BH 	27 BS 	28 BO 	29 BF 	30 TN 	31 TU	32 TR 	33 TT	34 TO 	35 TP	36 TH	37 TS	38 TO				
39 TE	40 QN	41 QU	42 OB 	43 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN 	51 PU	52 PB	53 PT 	54 PQ	55 PP	56 PH				
57 PS	58 PO	59 PE	60 HN	61 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN								
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 	85 	86 	87 	88 				
89 	90 	91 	92 	93 	94 	95 	96 	97 	98 	99 	100 	101 	102 								
103 U 	104 U 	105 U 	106 U 	107 U 	108 U 	109 U 	110 U 	111 U 	112 U 	113 U 	114 U 	115 U 	116 U 	117 U 	118 U 	119 U 	120 U 				

Patent Pending

# The Neutronic Periodic Table of the Elements

## Latin Notation

**Nuclear fusion** in elements heavier than 26-Iron produces energy

## Nuclear Fusion

				1 U	2 B	3 T	4 Q
5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN

21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

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# The Neutronic Periodic Table of the Elements Latin Notation

**Nuclear fusion** in elements lighter than 26-Iron  
**requires** energy

## Nuclear Fusion

1  
U

2  
B

3  
T

4  
Q

5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB
13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN

21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

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**Nuclear fusion** in elements lighter than 26-Iron requires energy

**Nuclear Fusion**

The Neutronic Periodic Table of the Elements  
**Nuclear fusion** in elements heavier than 26-Iron produces energy




														1 U	2 B	3 T	4 Q					
														5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	
														13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN	
	21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO				
	39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH				
	57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN								
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO				
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB								
	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN				

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**Nuclear fusion** in elements lighter than 26-Iron **requires** energy

The Neutronic Schemata of the Elements  
**Nuclear fusion** in elements heavier than 26-Iron **produces** energy

# Nuclear Fusion



									1 U	2 B	3 T	4 Q									
									5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB					
									13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN	21 BU	22 BB	23 BT	24 BQ	25 BP
									26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
	39 TE	40 QN	41 QU	42 QB	43 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH			
	57 PS	58 PO	59 PE	60 HN	61 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN							
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 	85 OP	86 OH	87 OS	88 OO			
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB							
	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN			

Patent Pending

**Nuclear fission** in elements lighter than 26-Iron **produces** energy

The Neutronic Schemata of the Elements  
**Nuclear fission** in elements heavier than 26-Iron **requires** energy

# Nuclear Fission

									1 U	2 B	3 T	4 Q									
									5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB					
									13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN	21 BU	22 BB	23 BT	24 BQ	25 BP
									26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
	39 TE	40 QN	41 QU	42 QB	43 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH			
	57 PS	58 PO	59 PE	60 HN	61 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN							
	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO			
	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB							
Patent Pending	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN			

# The Neutronic Schema of the Elements

## By Families and Groups

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

# Nuclear Fission

**Nuclear fission in any element lighter than 26-Iron produces energy.**

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

# Nuclear Fission

**Nuclear fission** in an element heavier than 26-Iron **requires** energy.

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# Nuclear Fission

**Nuclear fission** in any element lighter than 26-Iron **produces** energy.

**Nuclear fission** in an element heavier than 26-Iron **requires** energy.

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN



# Nuclear Fission

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1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

# Nuclear Fusion

**Nuclear fusion** in an element lighter than 26-Iron **requires** energy.

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

# Nuclear Fusion

**Nuclear fusion** in any element heavier than 26-Iron **produces** energy.

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# Nuclear Fusion

**Nuclear fusion** in an element lighter than 26-Iron **requires** energy.

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1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

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1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 FN	91 FU	92 FB	93 FT	94 FQ	95 FP	96 FH	97 FS	98 FO	99 FE	100 JNN
The four most tightly bound nuclei, in decreasing order of binding energy, are $^{62}\text{Ni}$ , $^{58}\text{Fe}$ , $^{56}\text{Fe}$ , and $^{60}\text{Ni}$ .																			
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UUO	119 UUE	120 UBN

# Nuclear Fusion

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The four most tightly bound nuclei, in decreasing order of binding energy, are  $^{62}\text{Ni}$ ,  $^{58}\text{Fe}$ ,  $^{56}\text{Fe}$ , and  $^{60}\text{Ni}$ .

1	U	B	T	Q	P	H	S	O	E	ON	OO	OB	OT	OQ	OP	OH	OS	OO	OE	20
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	BN
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	QN	
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	HN	
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON	
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN	
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN	

# Nuclear Fusion

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1																			20
U	B	T	Q	P	H	S	O	E	ON	OO	OB	OT	OQ	OP	OH	OS	OO	OE	BN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	QN
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	HN
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
U	B	T	Q	P	H	S	O	E	UN	UU	UB	UT	UQ	UP	UH	US	UO	UE	BN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	QN
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	HN
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN

24 | 42 | 74 | 106  
 26 | 44 | 76 | 108  
 28 | 46 | 78 | 110



# Nuclear Fusion

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The four most tightly bound nuclei, in decreasing order of binding energy, are  $^{62}\text{Ni}$ ,  $^{58}\text{Fe}$ ,  $^{56}\text{Fe}$ , and  $^{60}\text{Ni}$ .

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
U	B	T	Q	P	H	S	O	E	UN	UU	UB	UT	UQ	UP	UH	US	UO	UE	UN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	UN
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	UN
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN

24 | 42 | 74 | 106  
 26 | 44 | 76 | 108  
 28 | 46 | 78 | 110

# Nuclear Fusion

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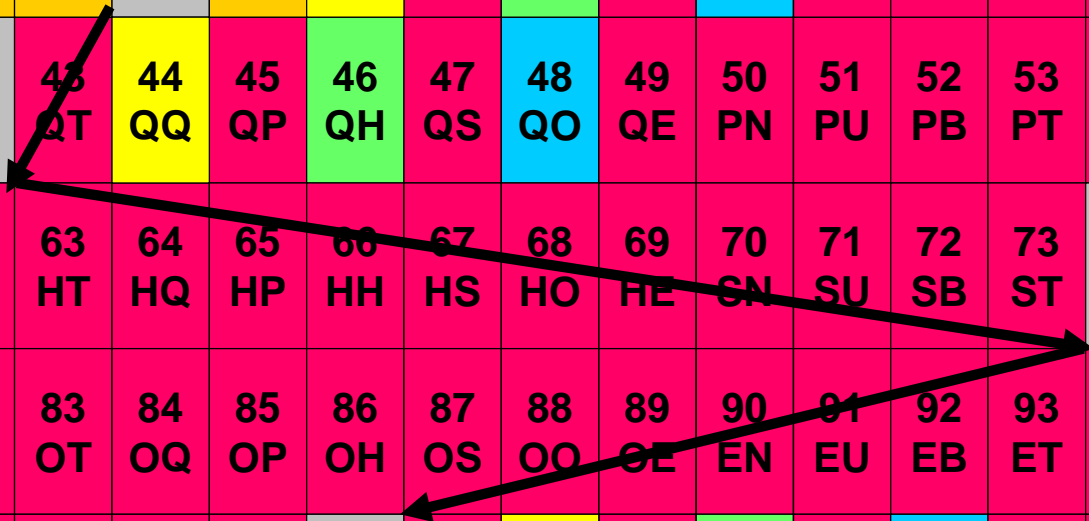
The four most tightly bound nuclei, in decreasing order of binding energy, are  $^{62}\text{Ni}$ ,  $^{58}\text{Fe}$ ,  $^{56}\text{Fe}$ , and  $^{60}\text{Ni}$ .

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
U	B	T	Q	P	H	S	O	E	UN	UU	UB	UT	UQ	UP	UH	US	UO	UE	UN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	BN
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	NN
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN

24 | 42 | 74 | 106

26 | 44 | 76 | 108

28 | 46 | 78 | 110



# Nuclear Fusion

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The four most tightly bound nuclei, in decreasing order of binding energy, are  $^{62}\text{Ni}$ ,  $^{58}\text{Fe}$ ,  $^{56}\text{Fe}$ , and  $^{60}\text{Ni}$ .

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
U	B	T	Q	P	H	S	O	E	UN	UU	UB	UT	UQ	UP	UH	US	UO	UE	UNN
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
BU	BB	BT	BQ	BP	BH	BS	BO	BE	TN	TU	TB	TT	TQ	TP	TH	TS	TO	TE	TNN
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
QU	QB	QT	QQ	QP	QH	QS	QO	QE	PN	PU	PB	PT	PQ	PP	PH	PS	PO	PE	PNN
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
HU	HB	HT	HQ	HP	HH	HS	HO	HE	SN	SU	SB	ST	SQ	SP	SH	SS	SO	SE	ON
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
OU	OB	OT	OQ	OP	OH	OS	OO	OE	EN	EU	EB	ET	EQ	EP	EH	ES	EO	EE	UNN
101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120
UNU	UNB	UNT	UNQ	UNP	UNH	UNS	UNO	UNE	UUN	UUU	UUB	UUT	UUQ	UUP	UUH	UUS	UUO	UUE	UBN


24 | 42 | 74 | 106



26 | 44 | 76 | 108

28 | 46 | 78 | 110

# The Neutronic Schema of the Elements

## By Families and Groups

All elements are essential to existence.  
 Present Universe **74% 1-Hydrogen**  
 **26% 2-Helium** by Mass

1 U 	2 B 	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

## By Families and Groups

Elements Essential to Living Matter










































1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UO	119 UUE	120 UBN

# The Neutronic Schema of the Elements

# Radioactive Elements

By Families and Groups

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT 	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU 	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OO 	85 OP 	86 OH 	87 OS 	88 OO 	89 OE 	90 EN 	91 EU 	92 EO 	93 ET 	94 EQ 	95 EP 	96 EH 	97 ES 	98 EO 	99 EE 	100 UNN 
101 UNU 	102 UNB 	103 UNT 	104 UNQ 	105 UNP 	106 UNH 	107 UNS 	108 UNO 	109 UNE 	110 UNN 	111 UNU 	112 UNB 	113 UNT 	114 UNQ 	115 UNP 	116 UNH 	117 UNS 	118 UNO 	119 UNE 	120 UNN 

# The Neutronic Schema of the Elements

# Elements Essential to Living Matter

By Families and Groups

## Radioactive Elements

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OO	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EP	93 ET	94 EO	95 EP	96 EU	97 EO	98 EO	99 EE	100 UNN
101 UNU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UNN	111 UNU	112 UNB	113 UNT	114 UNQ	115 UNP	116 UNH	117 UNS	118 UNO	119 UNE	120 UNN

# The Electronic Schemata of the Elements

1 H	9 F	17 Cl	25 Mn	35 Br	43 Tc	53 I	61 Pm	69 Tm	75 Re	85 At	93 Np	101 Md	107 Uns	117 Uus		
2 He	10 Ne	18 Ar	26 Fe	36 Kr	44 Ru	54 Xe	62 Sm	70 Yb	76 Os	86 Rn	94 Pu	102 No	108 Uno	118 Uuo		
3 Li	11 Na	19 K	27 Co	29 Cu	37 Rb	45 Rh	47 Ag	55 Cs	63 Eu	77 Ir	79 Au	87 Fr	95 Am	109 Une	111 Uuu	119 Uue
4 Be	12 Mg	20 Ca	28 Ni	30 Zn	38 Sr	46 Pd	48 Cd	56 Ba	64 Gd	78 Pt	80 Hg	88 Ra	96 Cm	110 Uun	112 Uub	120 Ubn
5 B	13 Al	21 Sc	31 Ga	39 Y	49 In	57 La	65 Tb	71 Lu	81 Tl	89 Ac	97 Bk	103 Lr	113 Uut			
6 C	14 Si	22 Ti	32 Ge	40 Zr	50 Sn	58 Ce	66 Dy	72 Hf	82 Pb	90 Th	98 Cf	104 Unq	114 Uuq			
7 N	15 P	23 V	33 As	41 Nb	51 Sb	59 Pr	67 Ho	73 Ta	83 Bi	91 Pa	99 Es	105 Unp	115 Uup			
8 O	16 S	24 Cr	34 Se	42 Mo	52 Te	60 Nd	68 Er	74 W	84 Po	92 U	100 Fm	106 Unh	116 Uuh			

Basic Scroll of the 120-Element Schema

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# The Neutronic Schema of the Elements By Families and Groups

1 U	2 B	3 T	4 Q	5 P	6 H	7 S	8 O	9 E	10 UN	11 UU	12 UB	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO	39 TE	40 QN
41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH	57 PS	58 PO	59 PE	60 HN
61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN	71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON
81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO	89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN
101 UOU	102 UNB	103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UOO	119 UUE	120 UBN

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# The Iron Peak on Three Different Schemata of the Elements

Nuclear fusion in any element lighter than 26-Iron requires energy.

Nuclear fusion in an element heavier than 26-Iron produces energy.

The Neutronic Periodic Table of the Elements By  
Latin Notation  
Nuclear fusion in elements heavier than 26-Iron requires energy

				1 U	2 B	3 T	4 Q										
	P	H	S	O	E	UN	UU	UB									
	13 UT	14 UQ	15 UP	16 UH	17 US	18 UO	19 UE	20 BN									
21 BU	22 BB	23 BT	24 BQ	25 BP	26 BH	27 BS	28 BO	29 BE	30 TN	31 TU	32 TB	33 TT	34 TQ	35 TP	36 TH	37 TS	38 TO
39 TE	40 QN	41 QU	42 QB	43 QT	44 QQ	45 QP	46 QH	47 QS	48 QO	49 QE	50 PN	51 PU	52 PB	53 PT	54 PQ	55 PP	56 PH
57 PS	58 PO	59 PE	60 HN	61 HU	62 HB	63 HT	64 HQ	65 HP	66 HH	67 HS	68 HO	69 HE	70 SN				
71 SU	72 SB	73 ST	74 SQ	75 SP	76 SH	77 SS	78 SO	79 SE	80 ON	81 OU	82 OB	83 OT	84 OQ	85 OP	86 OH	87 OS	88 OO
89 OE	90 EN	91 EU	92 EB	93 ET	94 EQ	95 EP	96 EH	97 ES	98 EO	99 EE	100 UNN	101 UNU	102 UNB				
103 UNT	104 UNQ	105 UNP	106 UNH	107 UNS	108 UNO	109 UNE	110 UUN	111 UUU	112 UUB	113 UUT	114 UUQ	115 UUP	116 UUH	117 UUS	118 UOO	119 UUE	120 UBN

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