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Per W. J. Canall 2-1-52 (by h. 2)

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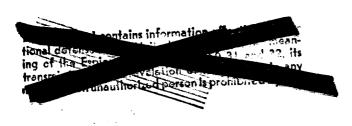
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ISOTOPE CHART

(High Atomic Number End)

Compiled by Alfrieda Segre

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This document is the high atomic number and of the mural isotope chart and is a secret document.

The notations are the same as for the mural chart and it can be pasted on it, once security permits it,

A few new symbols have been necessary. One star (*) before the symbol od the isotope means that it is known to undergo fission under fast neutron bombardment; two stars (**) mean that the isotope is known to undergo fission under slow neutron bombardment. The letter f among the modes of decay means spontaneous fission.



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			•					
		4						
				239β	·	241(β)α		1 (1/2) 1 (1/2) 1
			1	23.5M				
1				β0.56; 1.2 %.076				
				*U238 «.f	239β	240α,f-	24Ια	E242α
				99.274	2.33D	~ 10 ⁴ y	>50 y	0.7 y
				4.51 x 109 y 64.18 62.56	3 0.14 0.78 70.22 0.27	y	σ 5.47	αG
				237β,γ		**239æf.7.e-		C 241∝
				6.8D	2.0 D	2.41x104y		30 D
				β-0.26 γ0.5	β 1.35 71.3 0.25 0.1	≪5.16 %0.3 €1070		∝ 6.25
		UX2 34 β,γ		236α	*237a	238α,f		
		24.5 D	· ·	>10 ⁷ y	2.2×10 ⁶ y	60y		
		β0.13 70.092			€ 110	α5.52	•	
			UX ₃ UZ234	**AcU235Aa		D K	,	;
		23.5M	лизы А,β;γ 1.14М 6.7Н	0.719 8.88×108y 6.4.52				
		β1.6 No 7	1.14M 6.7H \$2.32 \$0.56 1.55 70.82 \$0.7					
		Th 232 α	23337e	U1234A,00	CK Ye-	C «		
77		100% 1.39×10 ¹⁰ y	27.4 D	0.00518 2.33×10 ⁵ 4	. >1y			- 1 4 4 2
		63.97	β 0.5 70.06-1.5			∝5.75		
		UY231β-	232AB-1	**233 a 7,e				
	·	24.6H	1.6D	1.63×10 ⁵ y 0x4.83 10.4				
		<i>β</i> ~0.2		€ 553	·			•
MsTh, 228		*lo230A,α,γ	*Pa231a,7	232α				
β- 6.7y		8.3 x 104 y	100% 3.2x104y	30 y				
β-0.053		≪4.66	α5.05 3/2	α5.31				
	MsTh ₂ 228		/2					
	β ⁻ γ 6.13 H	10 ³ -10 ⁴ y						
	β1.55 «4.5	∝ 5						
Ra226		RdTh 228 x, 7	1					
α, γ 1590 y	13.5 y	1.9 y			*			
≪4.79 1019		∞5.418						
225α		RdAc227a,7	1					
30 D		18.9 D &6.049	No. of the second second	Marie Strate Control	gaga papanan ara-atau sa	9-1 m. 15		nae
ThX224α	1	The state of the s	· Charles and Charles and Charles		The second se			
3.64D								
Ø5.68I			<u> </u>					
AcX 223								
α, γ 11.2 D								
α6.717 ·								
		σα. ε		σ _{0.} 7.1				
		Ot19.8		्र । ६. उ			1	
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