



1 H		big bang fusion					cosmic ray fission										2 He	
3 Li	4 Be	merging neutron stars?					exploding massive stars 💆					5 B	6 C	7 N	8 0	9 F	10 Ne	
11 Na	12 Mg	dying low mass stars					exploding white dwarfs 👩					13 Al	14 Si	15 P	16 S	17 CI	18 Ar	
19 K	20 Ca	21 Sc	22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr	
37 Rb	38 Sr	39 Y	40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 	54 Xe	
55 Cs	56 Ba		72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 TI	82 Pb	83 Bi	84 Po	85 At	86 Rn	
87 Fr	88 Ra																	
			57 La	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 УБ	71 Lu	
			89 Ac	90 Th	91 Pa	92 U	93 Np	94 Pu		Graphic created by Prof. Jennifer Johnso www.astronomy.ohio-state.edu/~jaj/nucl								hnson nucleo

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"The nitrogen in our DNA, the calcium in our teeth, the iron in our blood, the carbon in our apple pies were made in the interiors of collapsing stars. We are made of star stuff."



Carl Sagan (*Cosmos*, 1980 Episode 9: *The Lives of the Stars*)





























































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