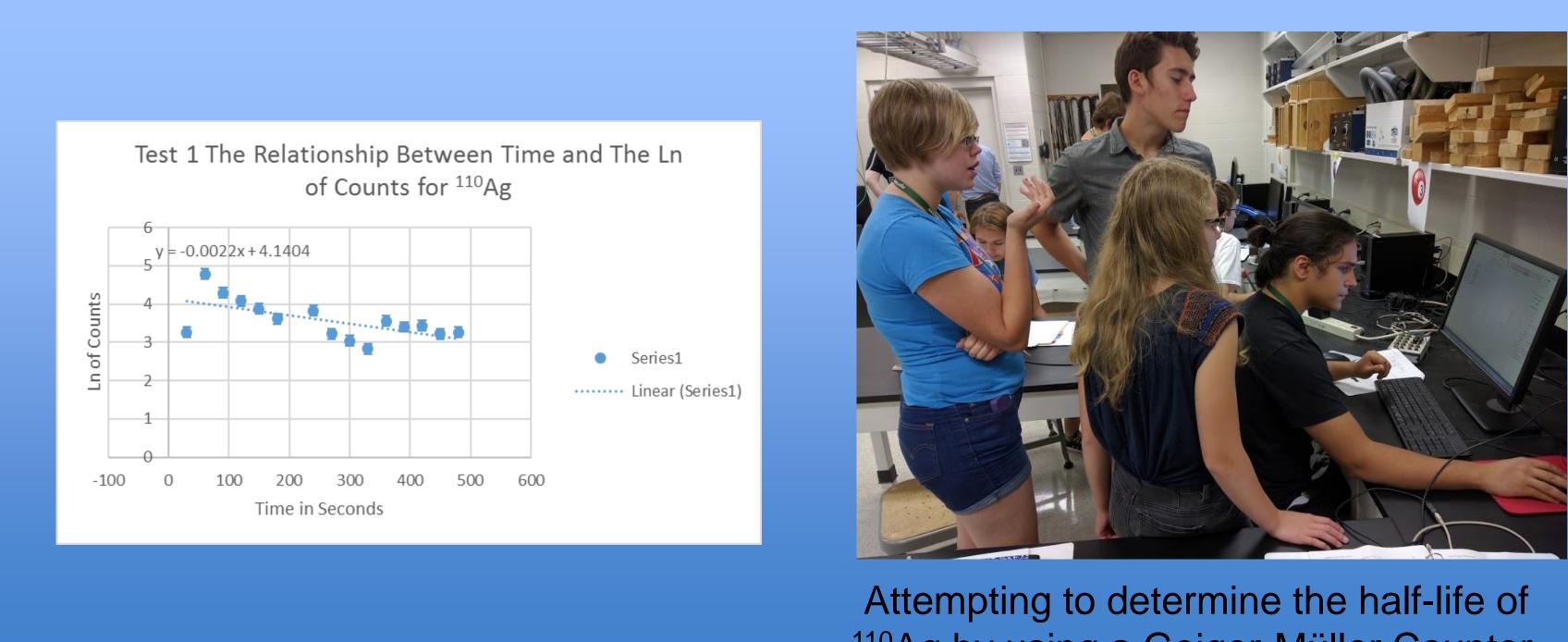
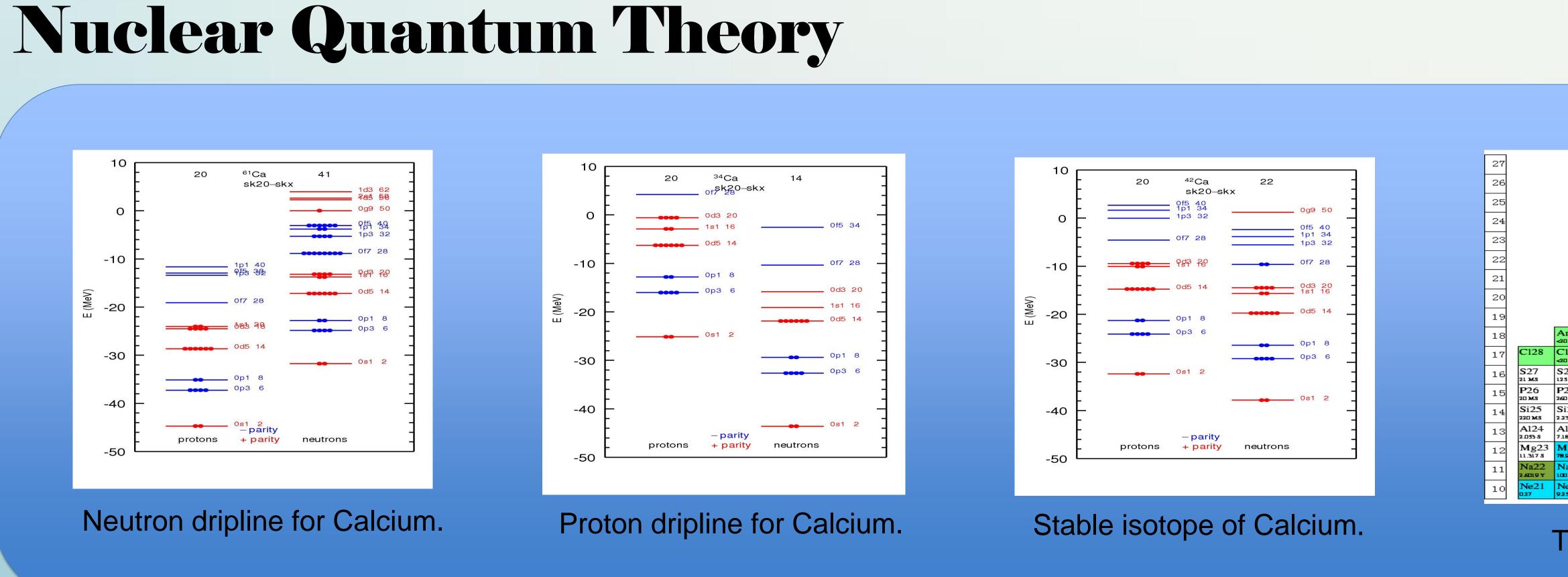
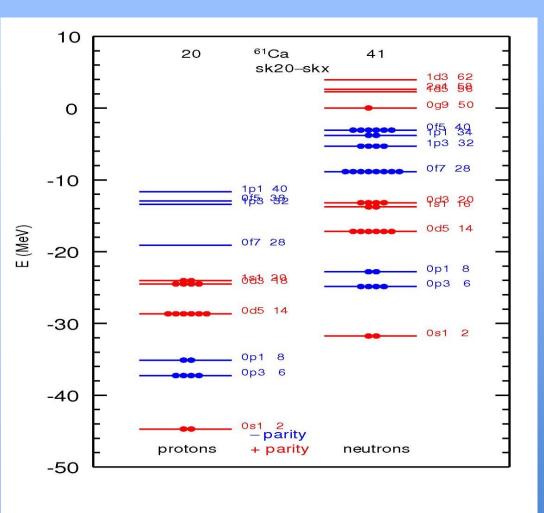


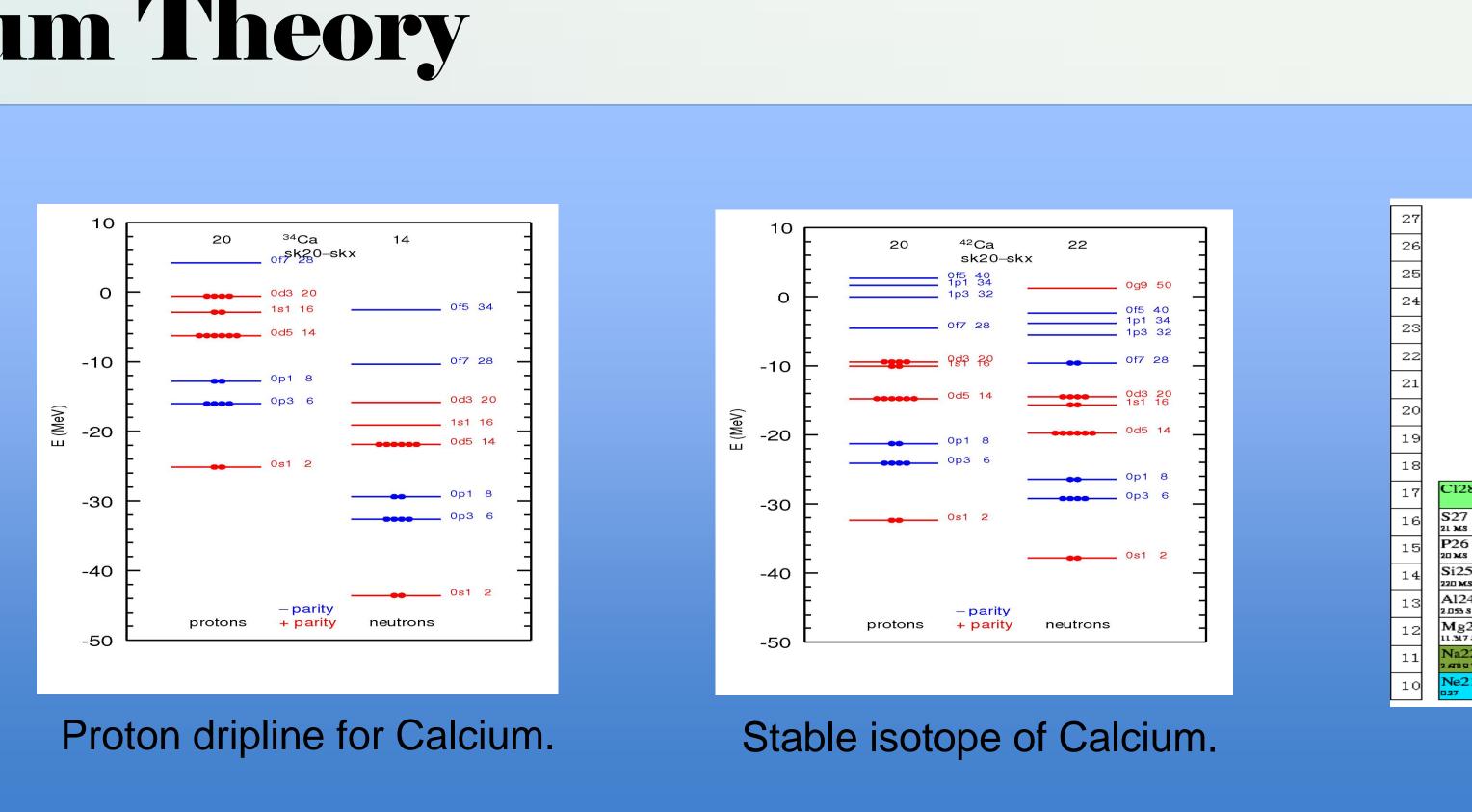
High Voltage Power :
Desktop Co running CASS

Half Life



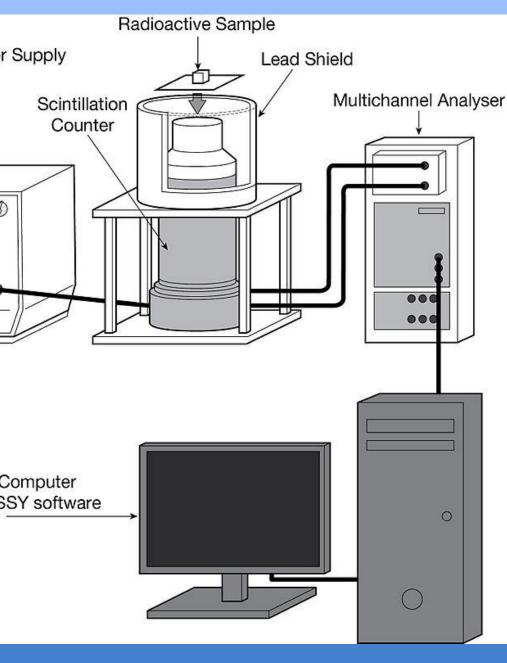






PANCake Juan Sanchez-Marrero, Reilly Former, Tess Eschebach, Elijah Sheridan

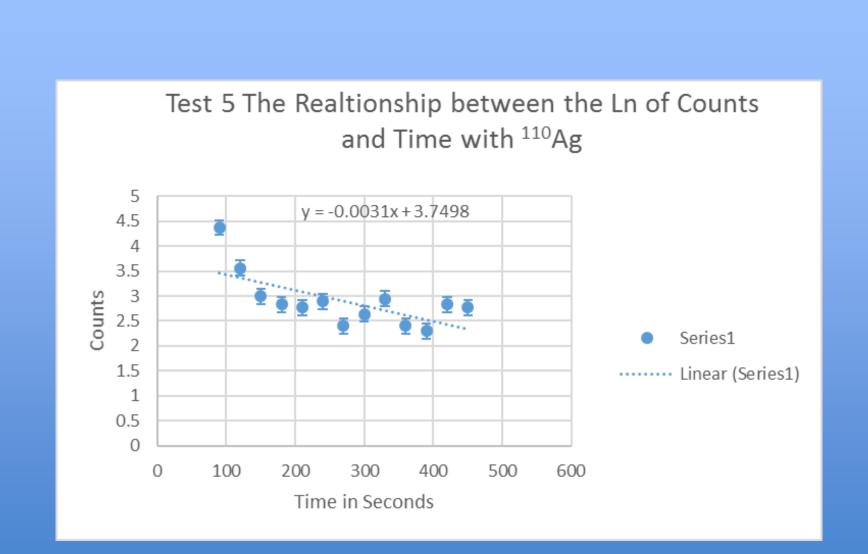
Gamma Spectroscopy

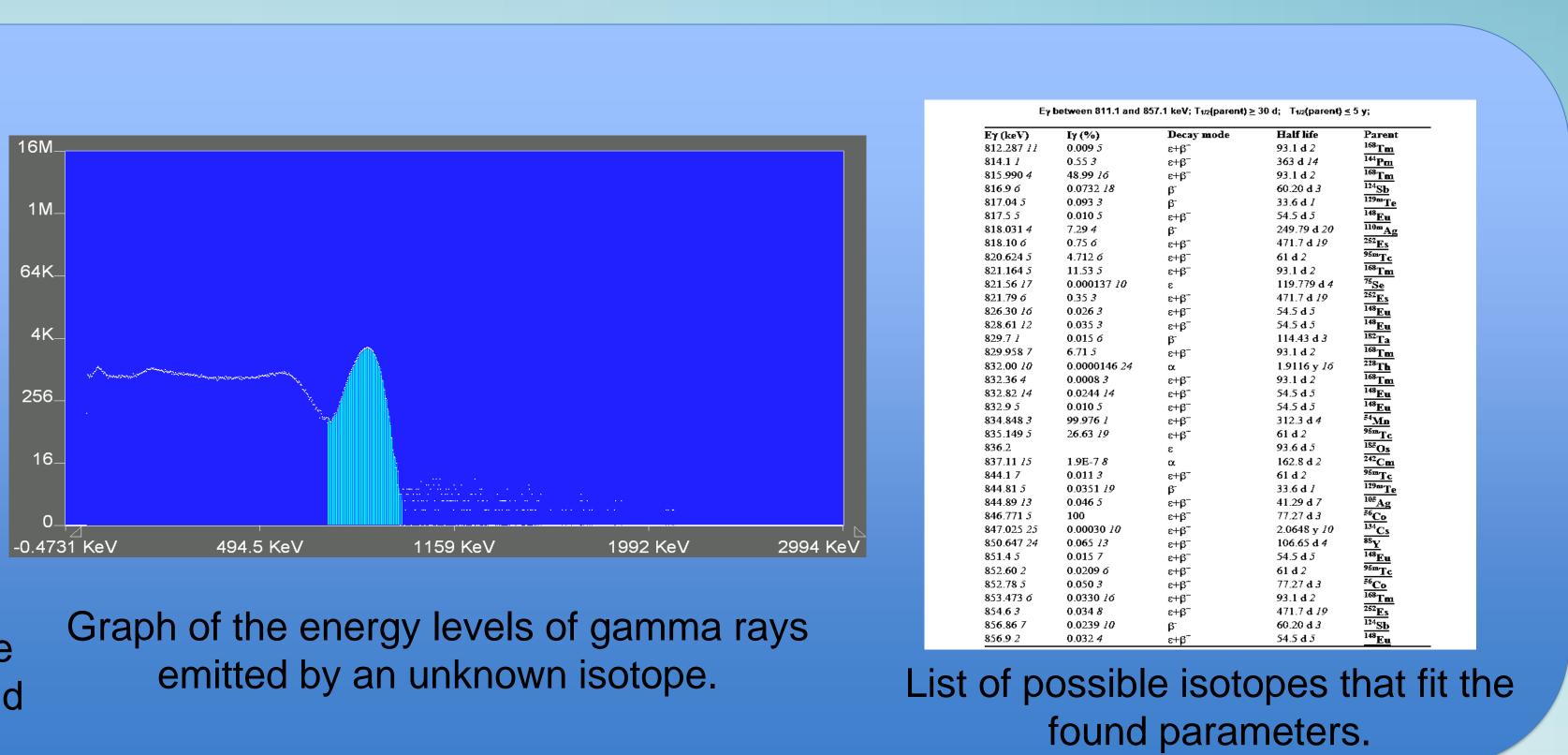




Observing the graphs of the energy levels of gamma radiation emitted from ⁶⁰Co and ¹³⁷Cs in order to calibrate the computer's ingrained correlation between channels and volts

¹¹⁰Ag by using a Geiger-Müller Counter.







By test 10 the results were still inconsistent because of voltage fluctuations from faulty equipment.

									Co48	Со49 «збиз	Co50 44 xs	Со51 >200 NS	Co52	Co53 240 MS	Co54 19328 MS	Со55 17.53 н		Co57 271.74 D		Co59
							Fe45 >350 NS	Fe46 20 MS	Fe47 27 ms	Fe48 44 MS	Fe49 тамз	Fe50	Fe51 305 MS	Fe52 8275 H	Fe53 в.51 м	Fe54 5845	Fe55 2.73 Y	Fe56 91.754	Fe57 2.119	Fe58 0282
							Mn44 ⊲105 NS	Mn45 <πлs	Mn46 41 MS	Mn47	Mn48 1581 мз	Mn49 ¥2 xs	Mn50 285.29 MS	Mn51 462 M	Mn52 5.591 D	Mn53 374000 Y	Mn54	Mn55	Mn56 2.5789 н	Mn5 854 S
						Cr42	Cr43 21 MS	Cr44 53 MS	Cr45 SDMS	Cr46	Cr47	Сг48 21.56 н	Сг49 42.3 м	Cr50 4.345	Cr51 27.7025D	Cr52	Cr53 9.50	Cr54 2.365	Сr55 3497 м	Сr56 594 м
					V40	V 41	V42 <55 NS	V43 ≫ann ws	V44 111 MS	V45 547 MS	V46 422.50 MS	V47 22.6 м	V48 159735D	V49 330 d	V50 0250	V51 99.750	V52 3.743 M	V53 1.60 м	V54 498 s	V55 6.54 8
				Ті38 <120 №	Ті39 26 мз	Ti40 soms	Ti41 ED MS	Ti42 199 MS	Ti43 509 MS	Ti44 500 Y	Ті45 184.8 м	Ti46 825	Ti47 7.44	Ti48 73.72	Ti49 541	Ti50	Ті51 5.76 м	Ті52 17 м	Ti53 32.7 s	Ti54
			Sc36	Sc37	Sc38 ⊲шиз	Sc39 ⊲шиз	Sc40 182.3 MS	Sc41 \$6.3 MS	Sc42	Sc43 звял н	Sc44 357 н	Sc45	Sc46 63.79 D	Sc47 3.3492 D	Sc48 43 <i>6</i> 7 н	Sc49 572 м	Sc50 102.5 8	Sc51	Sc52	Sc53 >38
		Са34 <з5 NS	Ca35 25.7 MS	Ca36	Ca37 181.1 MS	Ca38 440 MS	Ca39 вяда жа	Ca40 96.94	Ca41	Ca42 0.647	Ca43	Ca44 2.09	Ca45	Ca46	Ca47 4.556 D	Ca48	Са49 влам	Ca50	Ca51	Ca52 463
	K32	K33 425 NS	K34 425 NS	K35 190 MS	K36 342 MS	K37 1 226 S	К38 7 <i>б</i> ъж м	K39 932981	K40 0.01.17	K41 6.7302	K42 12.360 н	К43 22.3 н	К44 22.13 м	K45 17.3 м	K46 105 s	K47 17.50 S	К48 683	K49 126 S	K50 472 MS	K51 365 MS
Ar30 ans	Ar31 151 MS	Ar32 sens	Ar33 1750 мs	Ar34 644.5 MS	Ar35 1.7758	Ar36 0.3365	Ar37 3504 d	Ar38 onesa	Ar39 269 Y	Ar40 99 ann	Ar41 109.34 м	Ar42 22.9 y	Ar43 5.37 м	Ar44 11.87 м	Ar45 21 48 s	Ar46 ∎₄s	Ar47 -ла мз	Ar48	Ar49 ⊸ıπıns	Ar50 ⊸ллам
129 ארם	C130 <зо ля	C131	C132 258 x/s	C133 2.511 S	C134 1.5264 S	C135 75.77	С136 запала у	C137 24.23	С138 37.24 м	С139 556 м	С140 1.35 м	Cl41 384 s	С142 68 s	C143 3.3 S	C144 0.56 s	C145 400 MS	C146 223 MS	C147 >200 мs	C148 >200 мs	С149 ⊷илли
528 25 MS	S29 187 мз	S30 1.178 S	S31 2.572 s	S32 95m	S33 0.75	S34 421	S35 87.38 D	S36 1172	S37 505 м	S38 170.3 M	S39 11.58	S40 88 S	S41 263	S42 0.56 s	S43 220 MS	S44 123 MS	S45 ez ms	S46 >200 жя	S47 >200 №S	S48 >200 №S
27 50 M S	Р28 270.3 мз	P29 4142 S	РЗО 2.498 м	P31 100	P32 14262 D	P33 25.34 D	P34 12.43 8	P35 47.3 8	P36 56 8	P37 2.31 S	P38 0.64 S	P39 016 8	Р40 260 мs	P41 120 MS	P42	Р43 33 мs	Р44 >200 мs	Р45 >200 жя	Р46 >2⊞ №S	
5i26 234 s	Si27 416 8	Si28 92.230	Si29 4.695	Si30	Si31 157.3 м	Si32	Si33 6.332 s	Si34 2.77 s	Si35 0.78 s	Si36 0458	Si37 50 MS	Si38	Si39 >1 US	Si40 >200 мs	Si41 >200 NS	Si42 >200 NS				
4125 165 s	Al26 77700 Y	A127	Al28 2 2414 M	A129 6.56 M	A130 360 s	A131 644 MS	A132 33 MS	A133 >1 US	A134 60 x/s	A135 150 MS	A136 50 MS	A137	A138 >200 NS	A139 ×200 NS	A140 >260 NS					
Mg24	Mg25	Mg26 11 m	Mg27 9499 м	Mg28 20915 н	Mg29 1.30 s	Mg30 335 MS	Mg31 230 мs	Mg32 120 MS	Mg33 ялжя	Mg34 20 мs	Mg35 томs	Mg36 ≈ишъs	Mg37 >260 xs							
Va23 ∎	Na24 14.9512 H	Na25 \$91 s	Na26 1.072 s	Na27 301 MS	Na28 30.5 MS	Na29 44.9 MS	Na30 48 MS	Na31 170 MS	Na32 132 MS	Na33 82 MS	Na34 5.5 ms	Na35 1.5 MS								
Ve22	Ne23 37 24 8	Ne24	Ne25 602 MS	Ne26	Ne27 32 MS	Ne28 17 MS	Ne29 200 MS	Ne30 >200 NS	Ne31 >260 NS	Ne32 >200 NS			-							

The portion of the Chart of Nucleotides that contains the different isotopes of Calcium.

