Example CLSQ Input File >Isotopes NM721Bottom, Gamma2(216keV), Shelf 60cm, Lab 311 ---> Comment Line -> Control CArd 2 5 .5 6.0 ---# 1/150topes 11.500D → 1/2 La rejection limit (for ratio (I)) 137 09 56.2 to vary Tiz 2.40E4 141 14 28.0 1.88E4 1: will change 149 15 23.1 1.18E4 the 1st isotope, 164 10 29.5 9.81E3 10 175 14 22.9 2.52E3 2: will change 183 17 45.6 3.04E3 10 T% -> S,M,D,Y the 1st them 193 13 52.1 4.95E3 the 2nd isotopy 204 17 57.0 2.20E3 214 12 18.5 2.13E3 226 15 33.2 1.19E3 235 10 27.3 5.32E2 EOB - End of Bombardment decaytine (AT) minutes from EOB # of up uutic Counts the day you INET PEAK count your

How to Run clsa

AREA)

NOTE: CLSQ. EXE must be in the same folder as your input files

1. Open CLSQ

sample)

2. "Enter input file specifications

type: Filenance. dat

3. " Name of output file"

type: Filestone. out

Tip: Keep input + output file as the same name (file name)

Example CLSQ Output File

		FNM721B2.OUT						
	1 PDP 11/23 CLSQ V1.0-1 ONM721Bottom, Gamma2(216ke' O INPUT DATA FROM CARDS	v), Shelf	60cm,	Lab 31:	$_1 \rightarrow Co$	pied Con	ment Lin	e
	O DAY HR MIN COUNT	DELTAT	BGND			TYPE-FWHM		ID1
	137. 9. 56.20 24000.	5.0	.00	.00	.0		.0	
	4800.00	5.0	.00	.00	0		.0	
	3760.00 149. 15. 23.10 11800.	5.0	.00	.00	. 0		.0	
X	2360.00 164. 10. 29.50 9810.	10.0	.00	.00	.0		.0	
ر ا	$ \int 175. 14. 22.90 2520. $	5.0	.00	.00	.0		.0	
N -	504.00 183. 17. 45.60 3040. 304.00	10.0	.00	.00	.0		.0	
	193. 13. 52.10 4950. 165.00	30.0	.00	.00	.0		.0	
	204. 17. 57.00 2200.	30.0	.00	.00	.0		.0	
	214. 12. 18.50 2130. 47.33	45.0	.00	.00	.0		. 0	
	226. 15. 33.20 1190.	60.0	00	.00	.0		.0	
ļ	235. 10. 27.30 532. 11.82	45.0	.00	.00	.0		. 0	
	0. 000 0.	.0	.00	.00	.0		.0	
	1 PDP 11/23 CLSQ V1.0-1 ONM721Bottom, Gamma2(216keV). Shelf	60cm.	Lab 311				
r	rom Control Line							
	NP= 11 NC= 1 NV=0 CNV= .05 0 YIELD= .000	BGD= .	00 SBG	00. =D	BLQCK=	5.0 SCOFF=	.5 RJT= 6	.0 KCS=
·	Birxin Foxin	60,00	KO10	- Lore	the con	(2)		O'A'
	HALF LIFE SIGMA (COMP(1) 11.500D .000		T END 4E+08	SIG .672	MA [8E+05	DECAY FACTO .3954E+04	R	ent de
		0.01	F2'(.	- -1		עא	le in the	1/2
	FIT= 3.010 HOTE:	Petect or;		*		Langer	Pro Ver	C
	T(I) $F(I)$	FCALC	(I)	V(I) 3792i) 02	SIGMAF(I)	RATIO(I) -1.22	
	.1979E+06 .4802E+04 .2039E+06 .3761E+04	. 48401 . 37601	E+04	.12056	E+01	.3098E+02 .2742E+02 .2173E+02	.04	
	.2155E+06 .2360E+04 .2368E+06 .9811E+03 .2529E+06 .5040E+03	. 23161 . 94931 . 48451	E+03	.4429£ .3176£ .1954£	E+02	.9905E+01 .1004E+02	3.21 1.95	
	.2646E+06 .3040E+03 .2788E+06 .1650E+03	. 2966	£+03	.7433E	+01	.5515E+01 .2345E+01	1.35	
	.2949E+06 .7333E+02 .3089E+06 .4733E+02	. 8357E . 4638E	+02	1023E	+02	.1564E+01 .1026E+01	-6.54 .93	
	.3264E+06 .1983E+02	. 2231E	:+02	2476E	+01	.5752E+00	-4.31	
(ODATA POINTS REJECTED(1) A BAD T BAD F	RE GIVEN	BELOW.	2	TRyin	ig to rei	ect bad	poiu+ (5)
(.2949E+06 .7333E+02 OREPEAT CALCULATION WITHOUT	THESE POI	NTS.	کے	+0 r	make be	tter	
	.3390E+06 .1182E+02 ODATA POINTS REJECTED(1) A BAD T BAD F .2949E+06 .7333E+02 OREPEAT CALCULATION WITHOUT 1 PDP 11/23 CLSQ V1.0-1 ONM721Bottom, Gamma2(216keV)	, Shelf 6	Ocm, L	ab 311	>	Start o/	repeatin	g cal,