

Page No. — 11 July 03 Compare 1st stage ref. vs FINAL (fitter)

OPTICS CONTRIBUTIONS TO ENVELOPE

STD. TUNE E (19Ne) = 1.885 MeV, A = 0.020, D = 0.050, Q = 4)
X-ENVELOPE Y-ENVELOPE

SQUEEZE / POINTS	X(A)	X(D)	X(AA)	X(AD)	Y(B)	Y(BA)	Y(BD)
Q1 (exit)	33				21		
Q2	51				15		
MD1	44		-3	.8	7	1	2
SM1	-9	19	-6	3	-1	3	4
Q3	-49	36	-8	6	-6	5	4
Q4	-43	26	-6	6	-14	9	8
Q5	-58	25	-6	8	-12	8	6
ED1	-46	5	-3	7	-9	5	
MASS SLIT	0.9	0.1	0.1	-0.5	-9	3	-5

(NEW TUNE E (16O) = 2.60 MeV, A = 0.027, D = 0.056, Q = 5)

Q1 (exit)	44				28		
Q2	70				19		
MD1	69		-5		4	2	3
SM1	2	21	-11	5	-12	5	-12
Q3	-50	41	-14	11	-22	10	4
Q4	-42	23	-9	11	-49	26	4
Q5	-51	7	-4	16	-40	22	0.5
ED1	-30	-28	7	12	-18	16	-13
MASS SLIT	18	-26	16	-3	0.2	14	-30
Q6	42	-21	20	-11	9	13	-37
EPI	.053 Q5 ⇒ .050	-28	6	14	-15	14	-13
MASS	10	-26	16	-1	8	9	-30
Q6	32	-20	19	-9	18	7	-37
Q7	64	-26	31	-19	16	2	-24
MD2	86	-23	34	-24	16.7	-8	0
Q8	36	68	-2	0.5	-6	-9	29
ED2	-15	152	-33	13	-25	-6	34

Witnessed & Understood by me

Date

Invented by

Date

Recorded by