

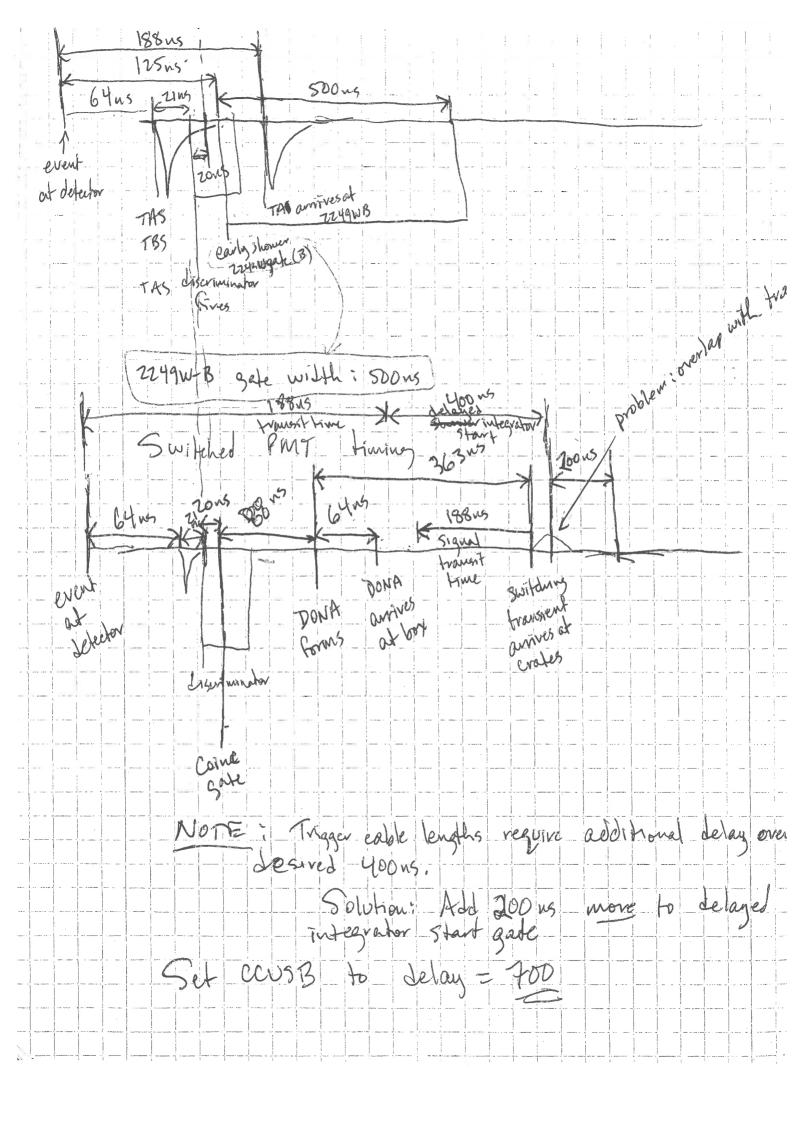
1012	Cable	lengths-	measure time to reflection
24 20112	Cable	reflection	carble rength
SU	TB	377.6 115	18818 us
	43	378.4	189,2 ms
	28	375.8	187,9
	63	3 75.6	187.8
	SBLANK	375,0	187,5
	5 B	376.6	188.3
	36	376.0	188.0
-	1.8	378.2	189.1
	LED (no label)	376.2	188.1
	7A (old label; 2)	3768	188.4
	14	377.0	188.5
	TA	373.6	186.8
	3A	325.6	187.8
	2A	376.4	188.2
	6A	376.2	188.1
	5A	379.6	189,8
	HA	376.4	185.2
	UBLANK DONA TAS	395.8 127.6 128.2	187.9 63.8 C4.
	185	125.8	P. ED

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			0 0				
		on Procee					
	(w	satch the c	current +	to make si	ins V 1	s not spi	rke
	4	while turn	the HV sug	re othe H	tv supplies.	IP it do	es.
		IMMEDIA rn on the	HELY)				
	3) Tur	on on the	程為	E C	ANAC e	vete.	
	3	If fae	erbads p	source ex	ycle it unt	11 it aloes	not.
		in on the			, by		
		D1 = 278	and Dz	2			
		DZ = 370	OV				
	6) 14v	van furn o	on the	pulsers			
	Pa	er off p	rocoolure.	is the ver	verse of the	e power on	seruec
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A side BSD BOX B side Day from shower to late shower integration = to Longer of JASITBS = tro ) delay from shower to trig in Signal Delay thru delay carbus = tso, signal delay throw, 1880 Proposition Hime for tringer formation = to = 33ns + 5ns
where TAS & TBS come in Time from CC-USB to II in to pulse firmer, Go III-1005 want: + = 400ns Musical: tro = 64n3, tg = 33ns tant = to t to to to to ts-NI = tro + to + to -1005 \$ \$ 500 tsut = ts-NJ - t70 - tf + 10ns + t00 Est = 400 ns = 64 ns - 33 ns + 10 ns + 188ns tut = 313ng + 188ng tset = 501 ns

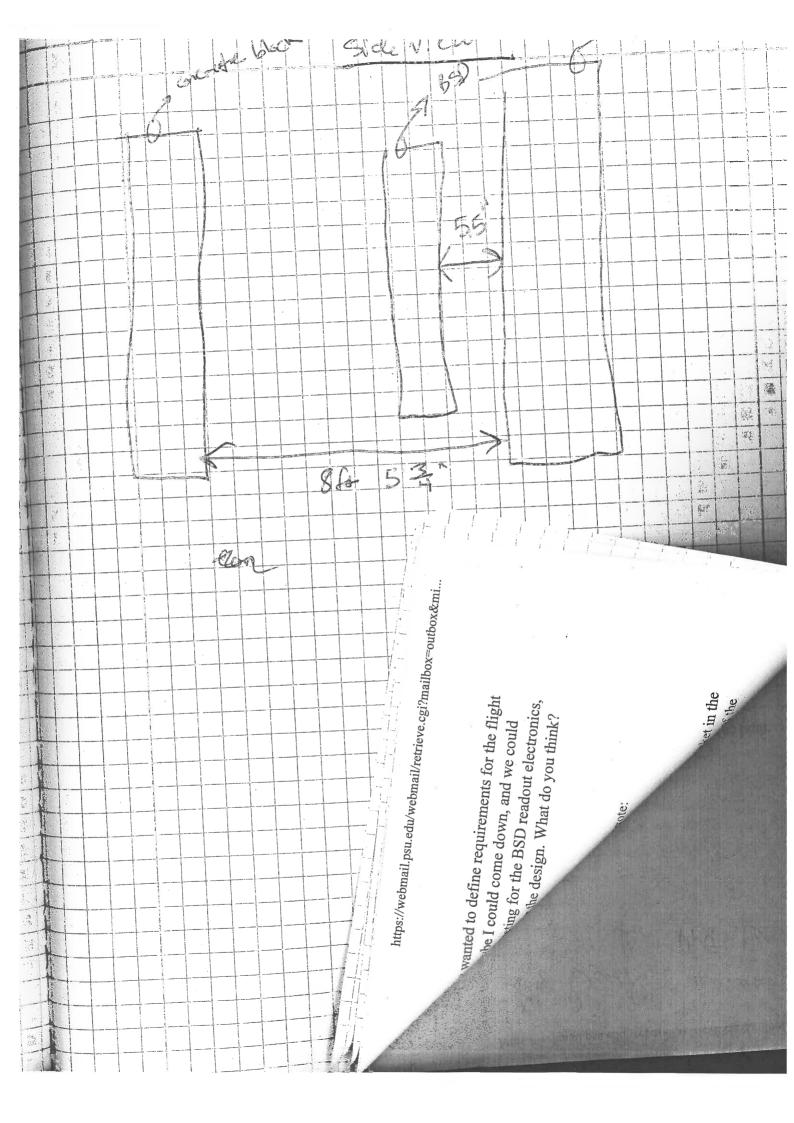
Signal size w/ 5052 splitter: 76 mV Signal Size w/o 5052 spirater: 988mV R = W/ = 0.735) > divide all split signals by 150 GeV electrons , 1/27/12 BSD Ale UND File 10-06-30 10-16-35  $\mathfrak{A}$ 10-24-38 10-30-54 10-37-41 10-44-17 10-51-04 10-57-16 11-06-08 11-14-33 ブブ 11-26-34 ダブ 11-35-57 11-51-66 11-59-66 12-06-34 ツブ 12-13-28 コゴ 12-20-51 12-31-33 12-41-27 12-49-03 12-56-20 13 2646 13-63-53 13-11-25 13-24-15 コユ 13-337-37 13-46-34 14-01-45 14-08-58 20-

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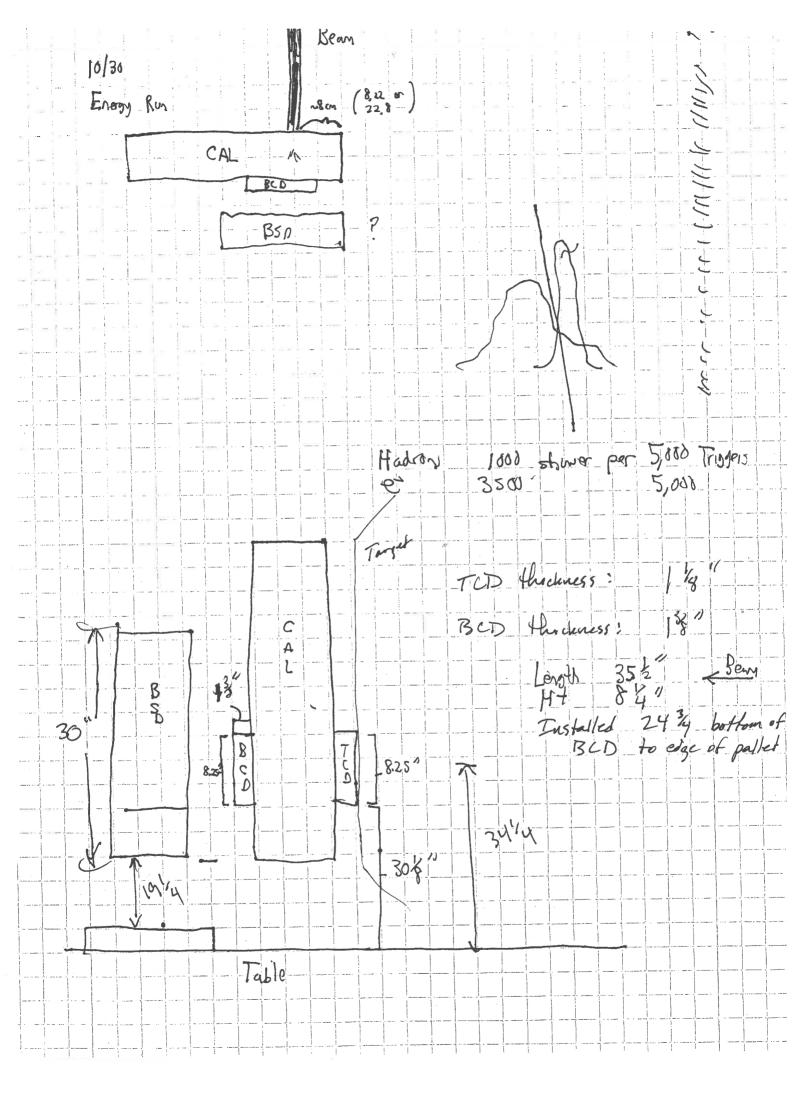
11/26/0 We are seeing lots of SPEs in the late (>900ns) Plots saved on TBA's garsonal laptop: /home/tyler/CERN fra.png - fig 16.png Musch pulser height on set 7A (on scope) to bear dump height and try again > Still no late fig 7. prg - fry 32 prg @ 18-20-57 184309 22 43 # Tuble wase part way thru run. Wasn't told by UND until widney thru run 3.3-30-65 > may have lost beam, yet tripped magnit ~11158PM Starte agrin ~ IK events/spill 7 HV Main Dar Ve 16 (100V), 254 V = D1, 339 V= HVD charge to 1800ns integration window 01-16-E 400ng now, oly setting 1500 ns, 3600 ns ville

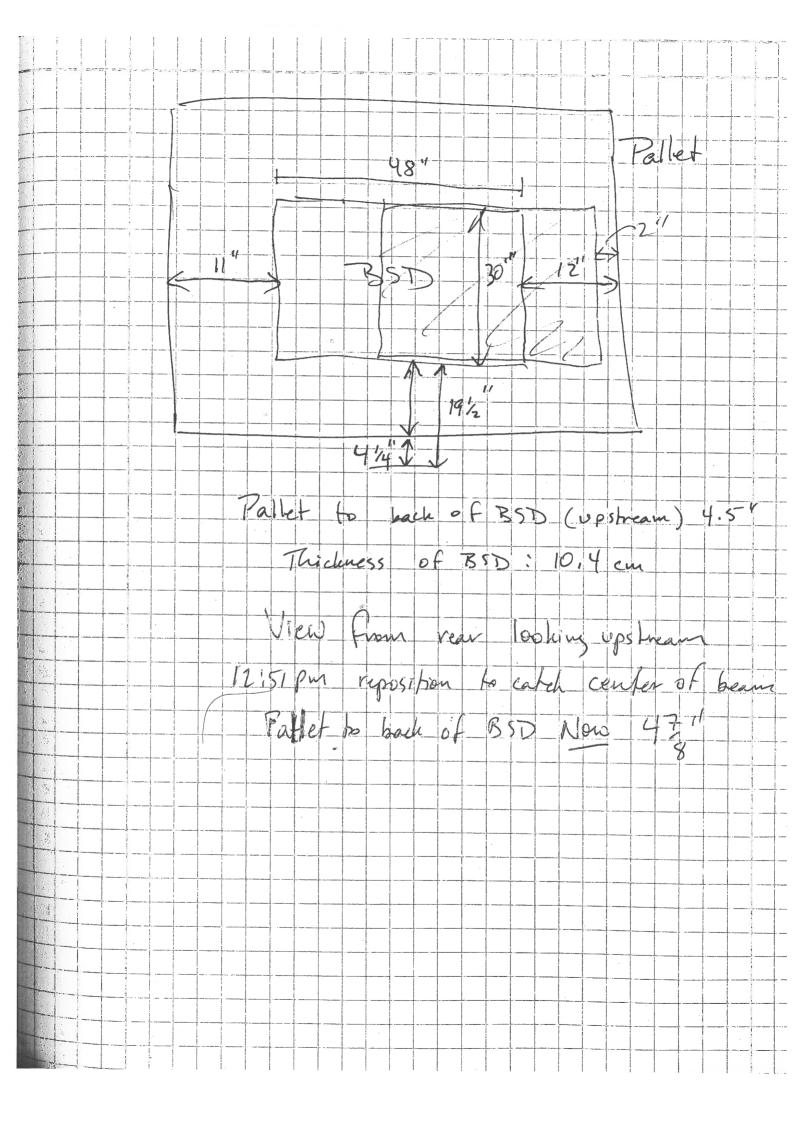
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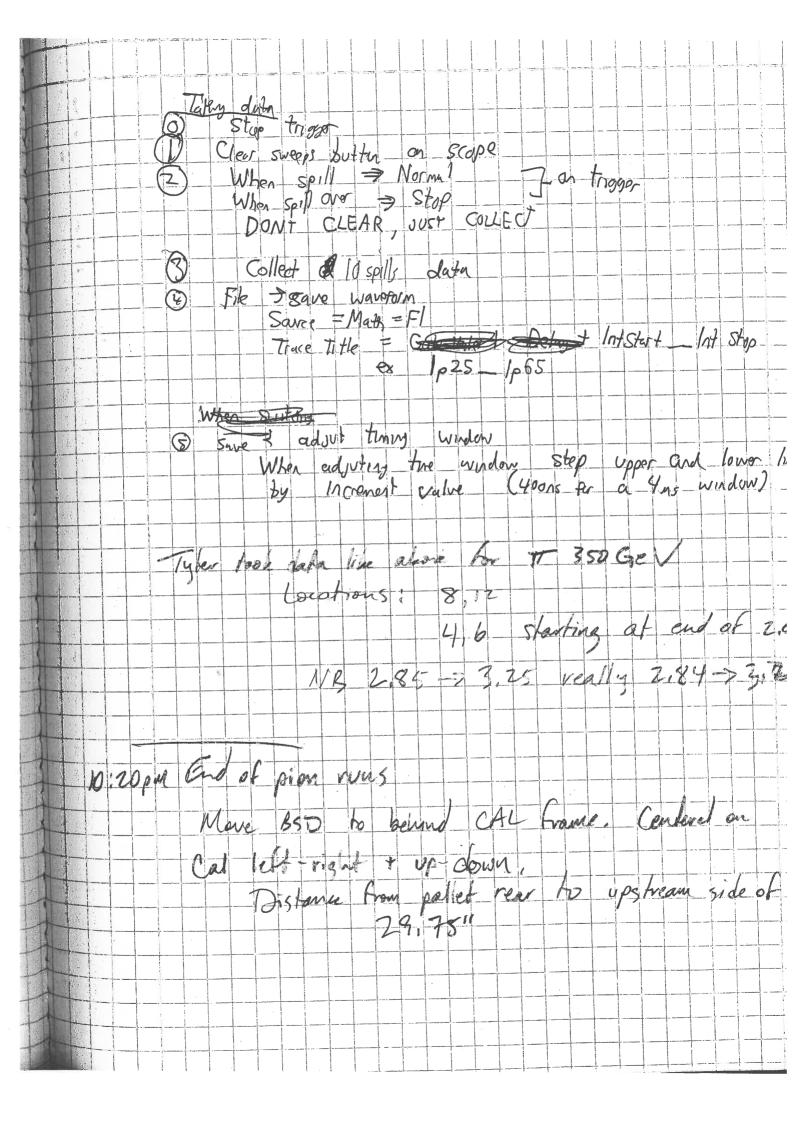
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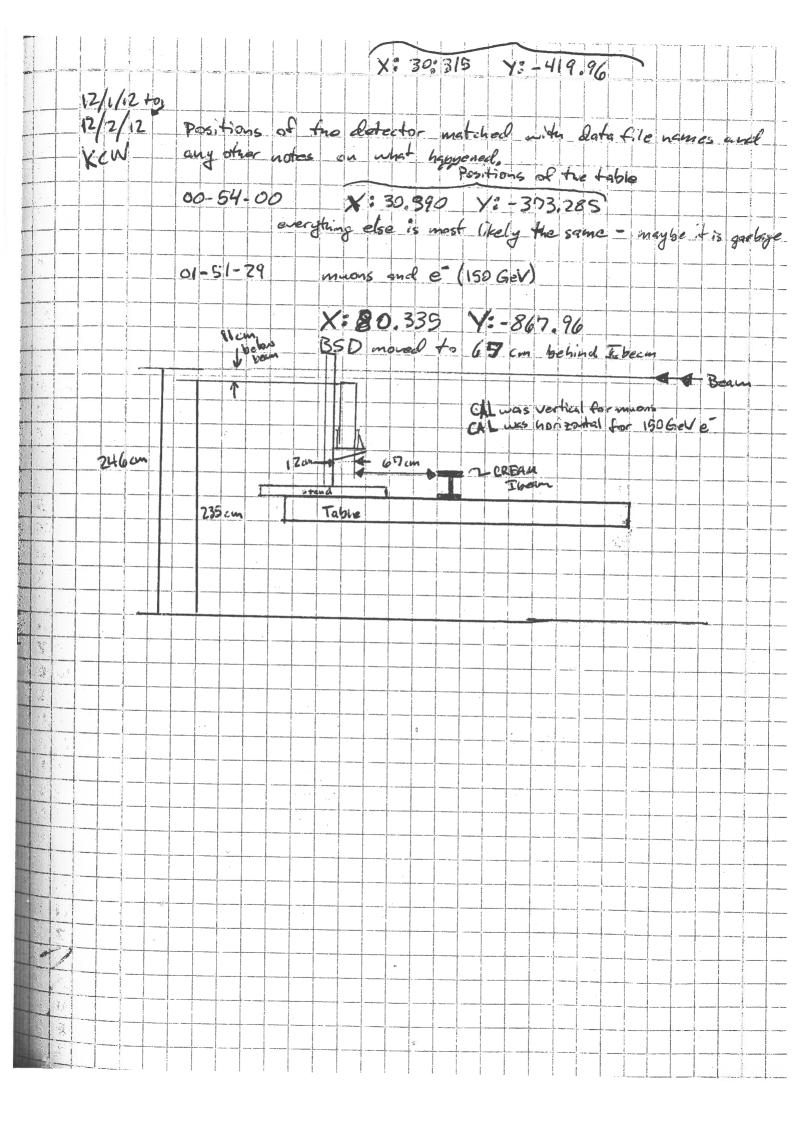


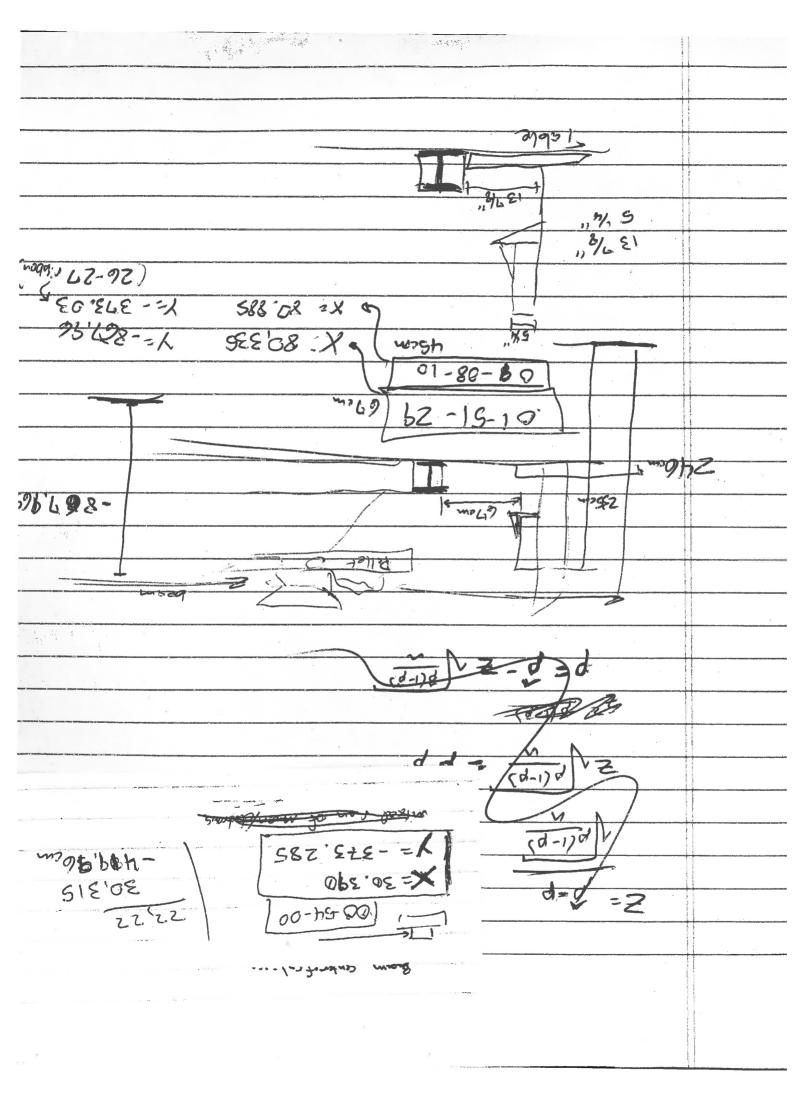


Notes on Scope Setup for determining exponential decay  Timebase Set to Mas/DW, Deby - Sus, try = -490 mV, neg  Make new directory  Measure > Measurement Setup  Otherse PI
Chick on Source = Chunel 15 PMT Switched Chamel Measure = Aren Manyors = on, detailed
Area > LEAVE UNCHECKED NOT CYCLIC  Gate Markos turns on aren your integrating (blue-white lines)  Want to put in start! End hants Note unity is dun  Sot Start mork to where integration gate gues  Negative
Want ~ 10 points out to 4MS = 400 ns par dursión  Time have on tell yw from Avr  Should sor P1: area (C3) = Area  Check signal Isn't OAP screen.  Accept Notting chacken
(P) Set up math FCN  Math > Muth Setup  F1 > Trace on  Source   = P   Operator   = Trend
ZWM = Pant charge TREND = Valves to trend = SET TOMAX You are now sof up

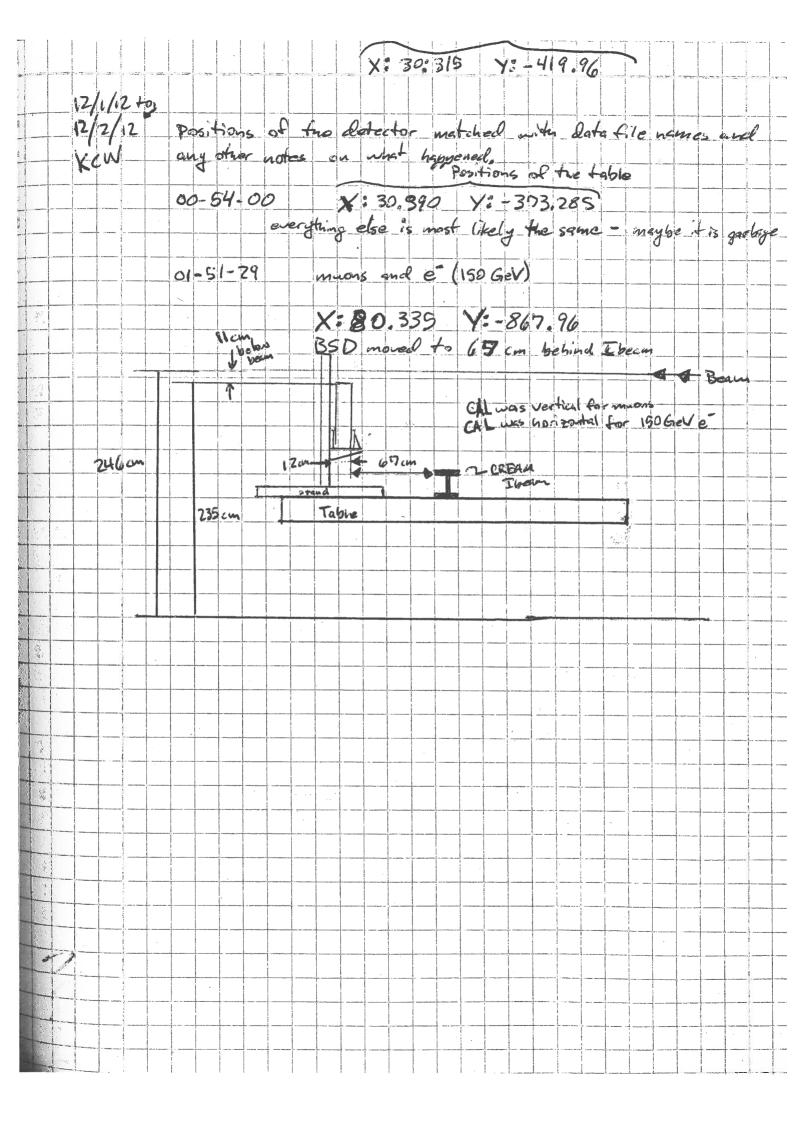


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