

SUMMARY OF K1 B.C. FILM INFORMATION FOR WEEK 30/11 - 2/12/1961

(G. Snow, A.M. Segar)

Definition:

- A: Slow Target, No Field,  $P_K = 1.5 \frac{\text{GeV}}{c}$ , No B.C. collimator  
 B: Semi Fast Target, + Field,  $P_K = 1.5 \frac{\text{GeV}}{c}$ , No B.C. coll.  
 C: Fast Target, + Field,  $P_K = 1.5 \frac{\text{GeV}}{c}$ , (+ B.C. coll.)  
 D: Fast Target, + Field,  $P_K = 1.3 \frac{\text{GeV}}{c}$ , (+ B.C. coll.)

(1/12 Friday)

- A:  $\Rightarrow$  { Nr. 09368 (03:10) (lightdelay = 1 msec)  
           ↓  
           Nr. 12695 ( ? ) (lightdelay = 3 msec) (more flux)  
           ↓  
           ( ? ) 10:15 (absorber in beam)  
           ↓  
           10:30 }  $\mu$ 's only

(1/12 Friday)

- B: (calibration  
 11:15  $\rightleftharpoons$  Frame Nr. 15355)  
 $\textcircled{*} \Rightarrow$  { ( ? ) (12:30)  
           ↓  
           ( ? ) (14:00)

(2/12 Sat.)

- C: Nr. 17863 (05:40) (1.5 msec. delay in flash)

- $\textcircled{*} \Rightarrow$  { Nr. 18050 (05:55) (3 msec. delay in flash)  
           ↓  
           Nr. 20215 (08:43) 1 concrete block added  
           ↓  
           (09:18) Big concrete shielding added

- 2 target flipping  $\Rightarrow$  { Nr. 20620 (09:23) Begin 2 target flipping  
                           ↓  
                           Nr. 20800 (09:34) End 2 target flipping

C: (cont'd)

Effect of concrete ⇒ shielding on background	⇒ {	Nr. 20800 (09:34)	Back to 1 target flipping
		Nr. 20995 (09:47)	Finish of adding concrete in small holes
		Nr. 21220 (10:02)	Size of mass slit being charged

Effect of reduced mass slit ⇒	⇒ {	Nr. 21396 (10:23)	Reduced mass slit in place
		Nr. 22280 (11:24)	Mass slit opened

Nr. 22476 (11:37)	Pictures stopped
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D: ⇒ {	⇒ {	Nr. 28113 (20:50)	Pressure lost, B.C. not working
		✓ 21:00	
		Nr. 28178 (21:15)	B.C. resumes
		Nr. 28481 (21:45)	End of run