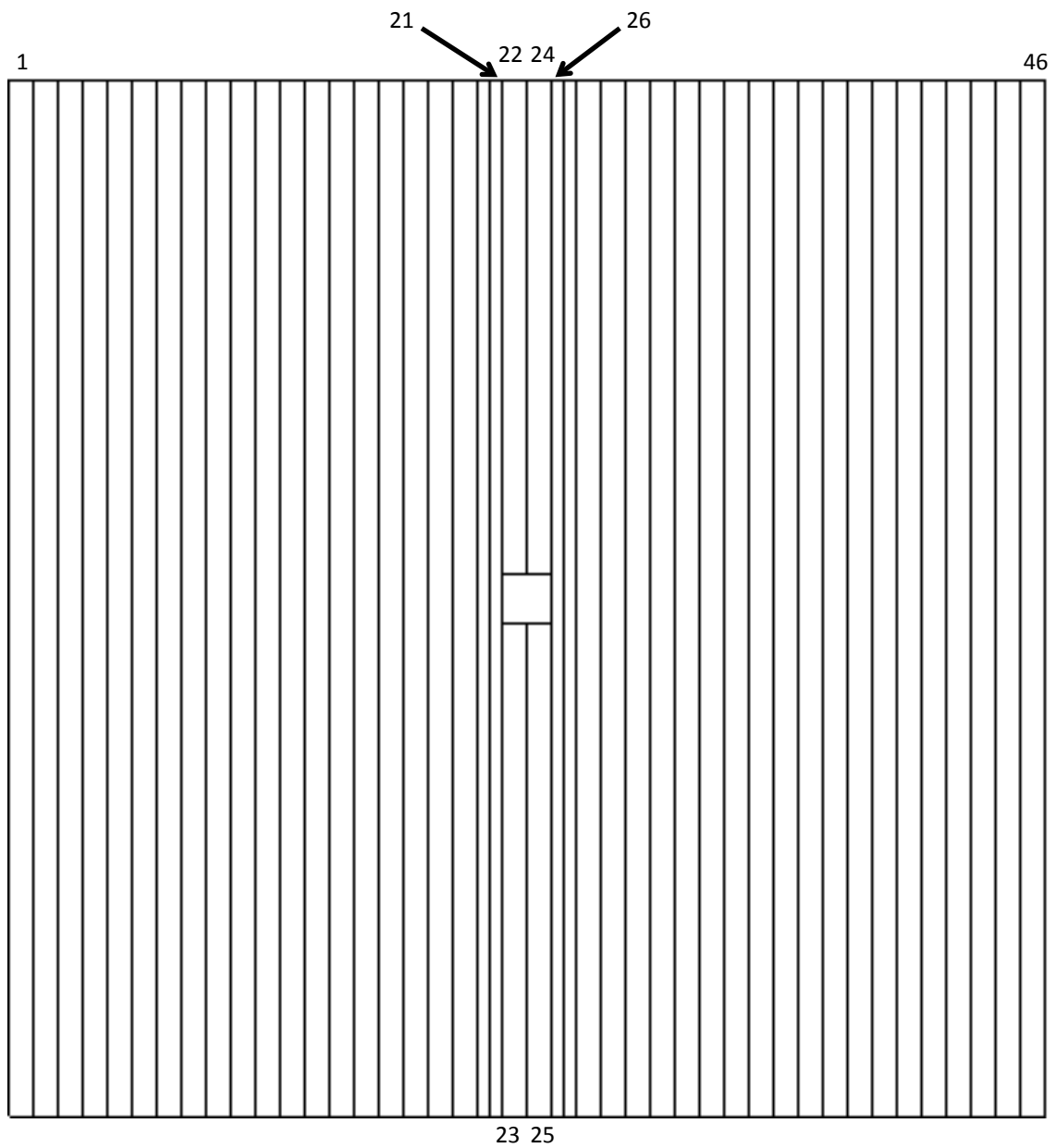
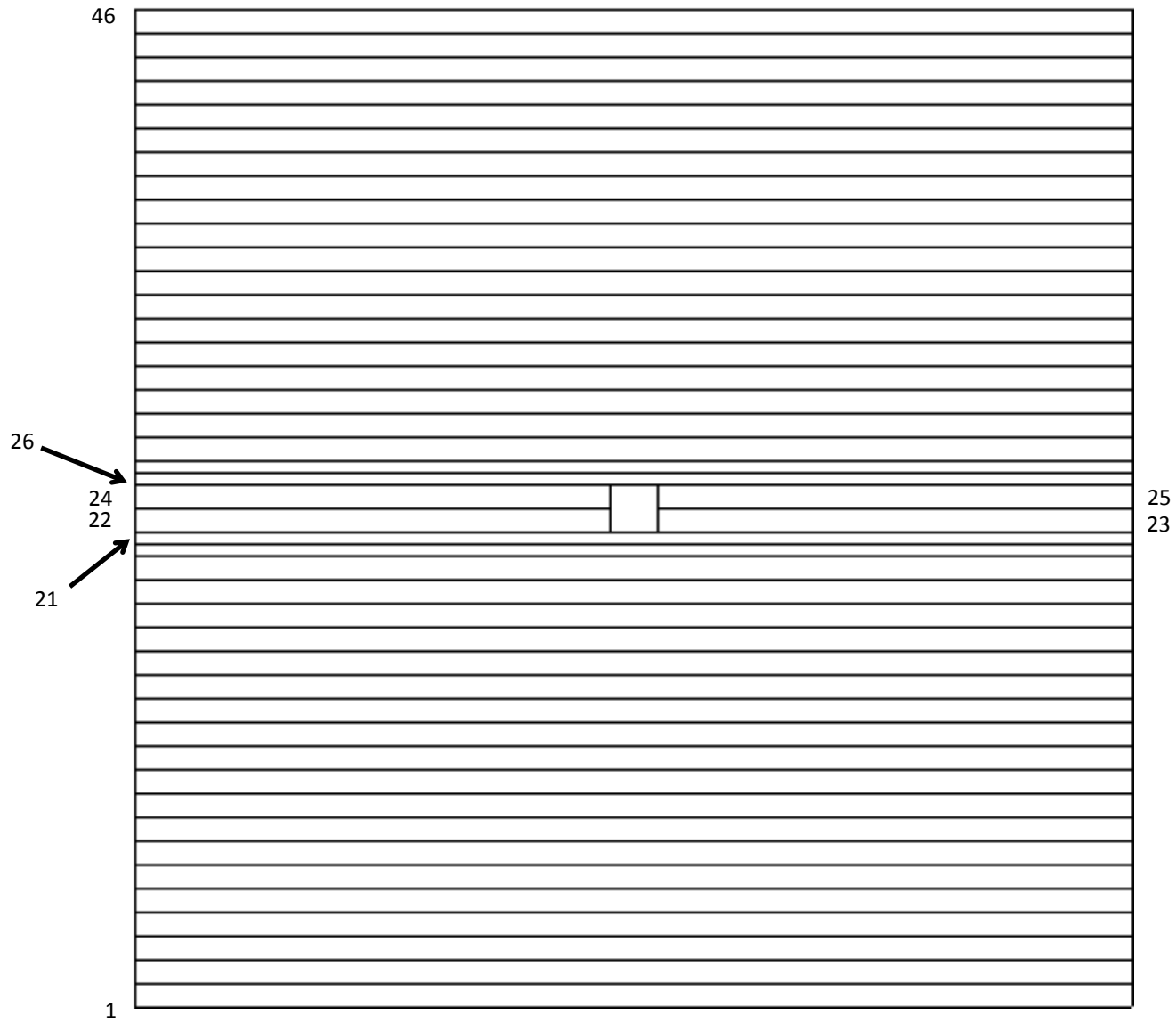
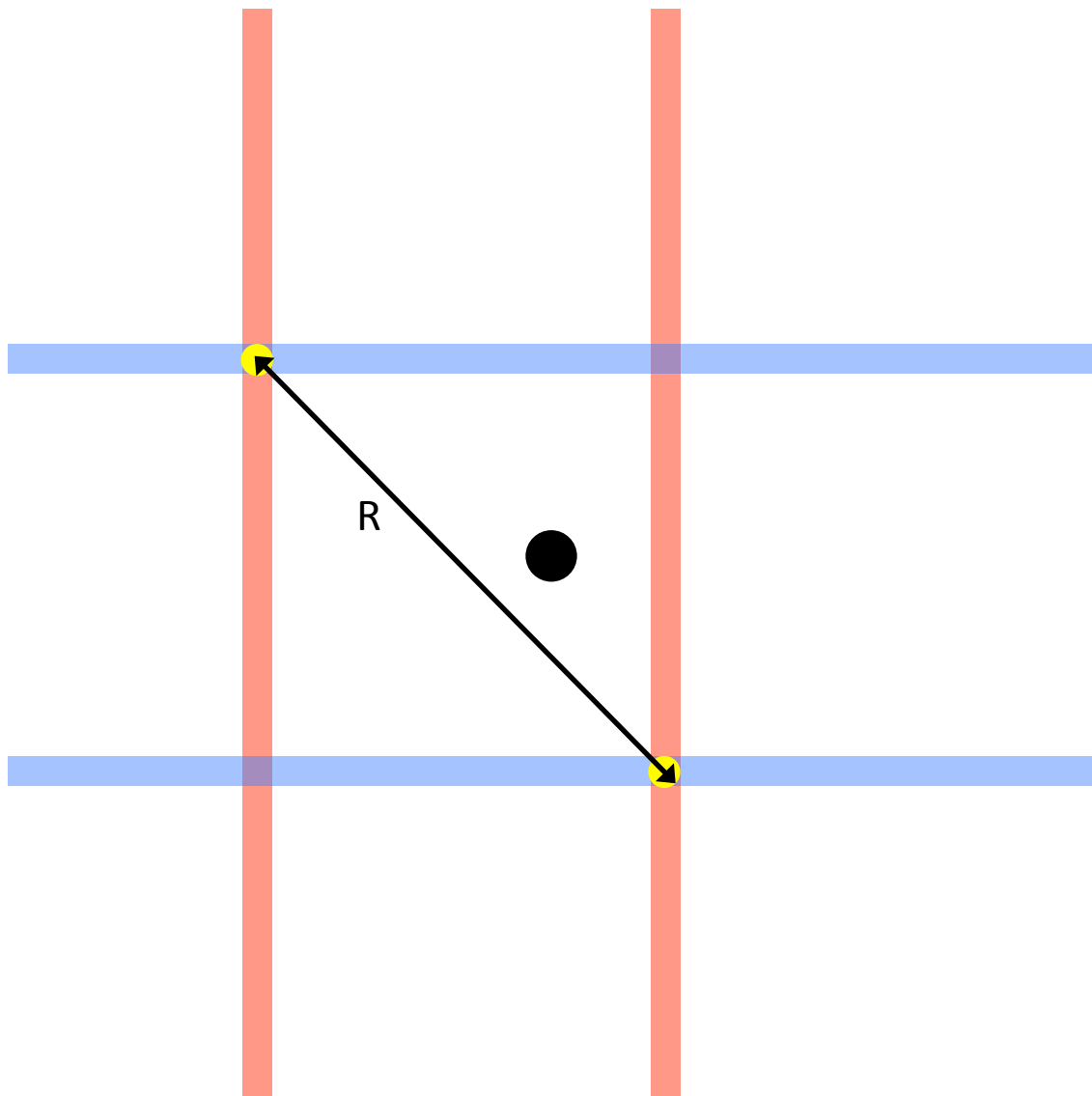
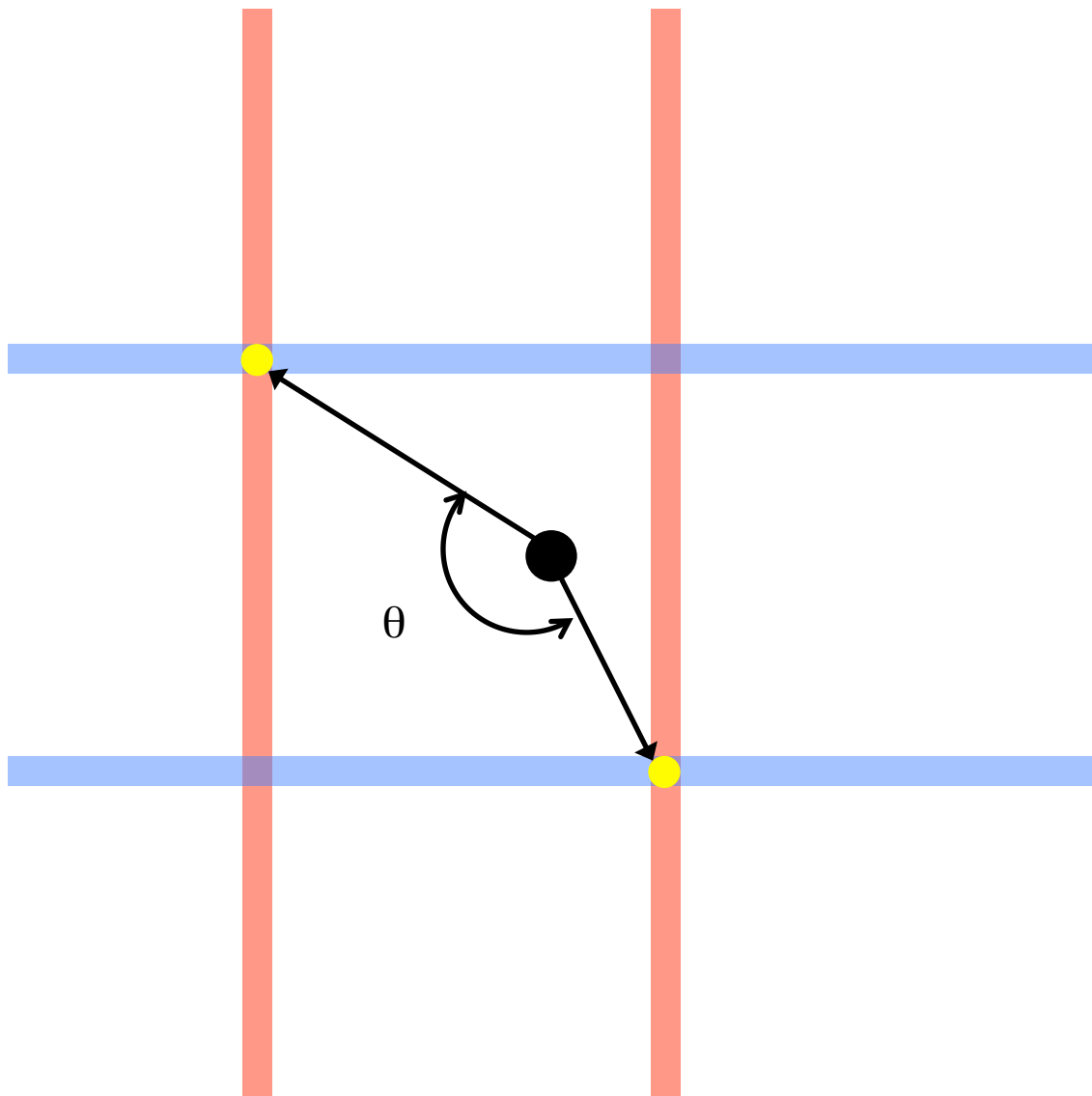


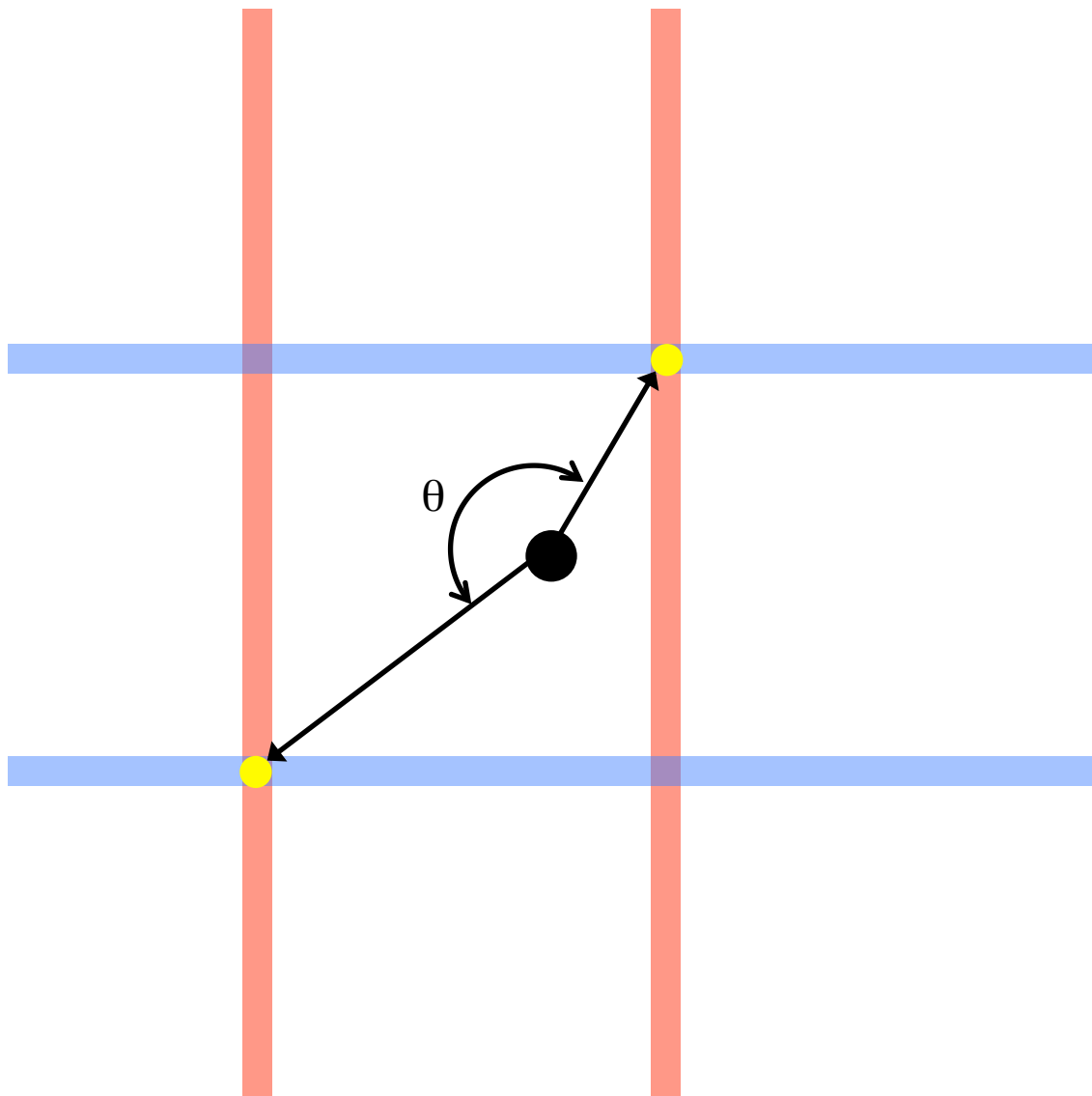
Using the TOF for Triggering the CPP Experiment





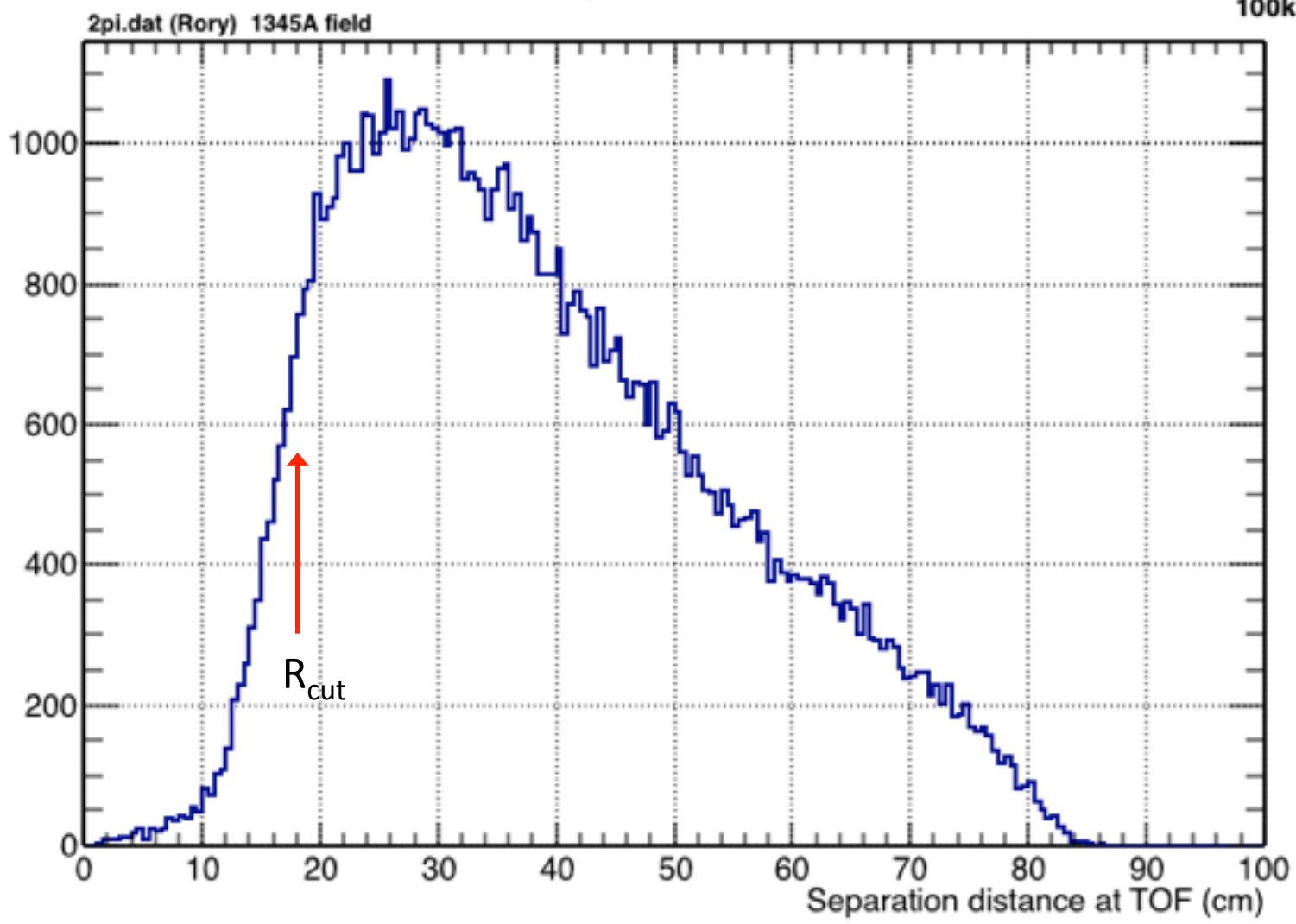






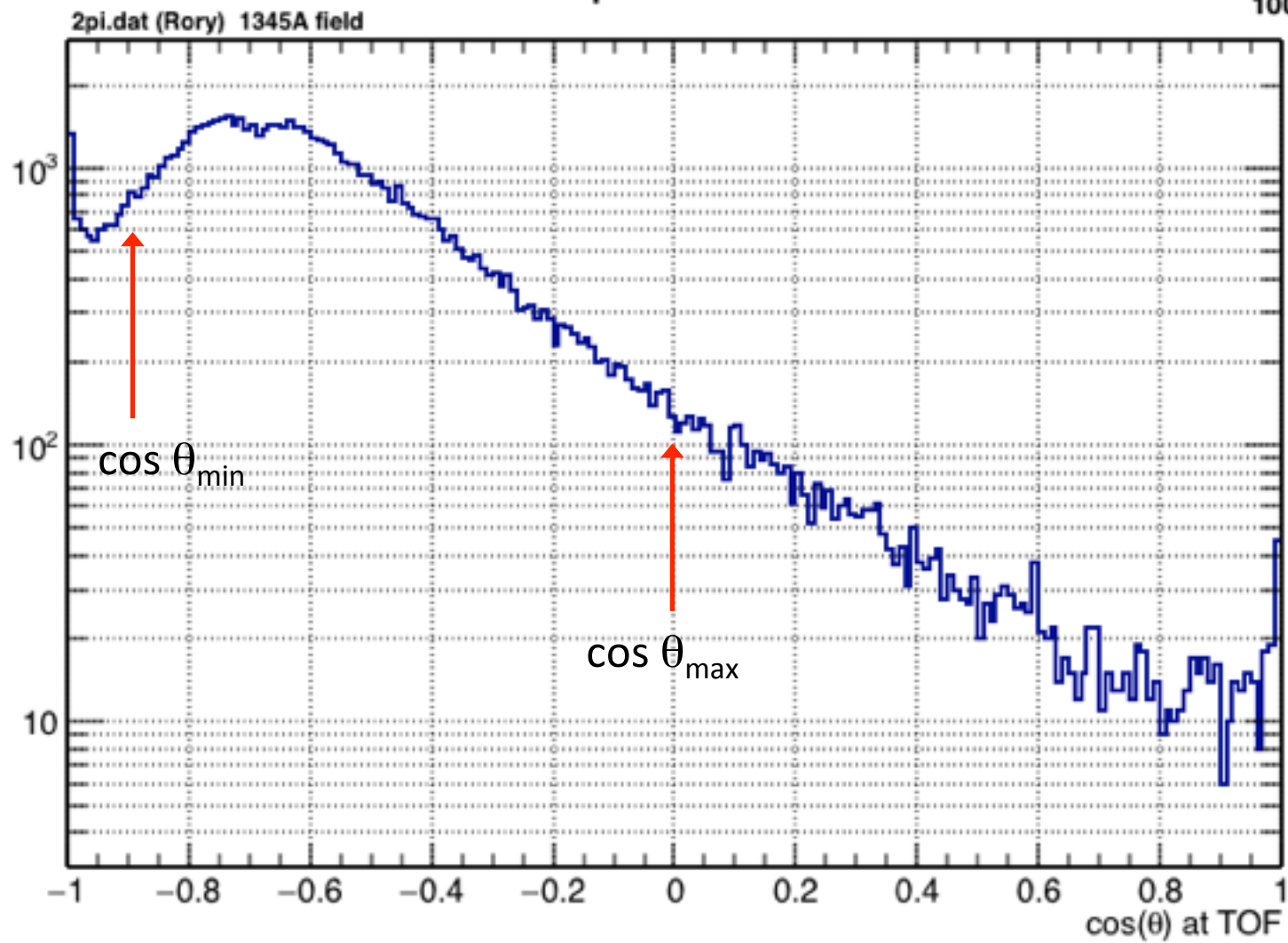
# $\pi^+\pi^-$ separation at TOF

June 28, 2016 DL  
git revision #233ff9d  
100k events



# $\pi^+\pi^-$ $\theta$ separation at TOF

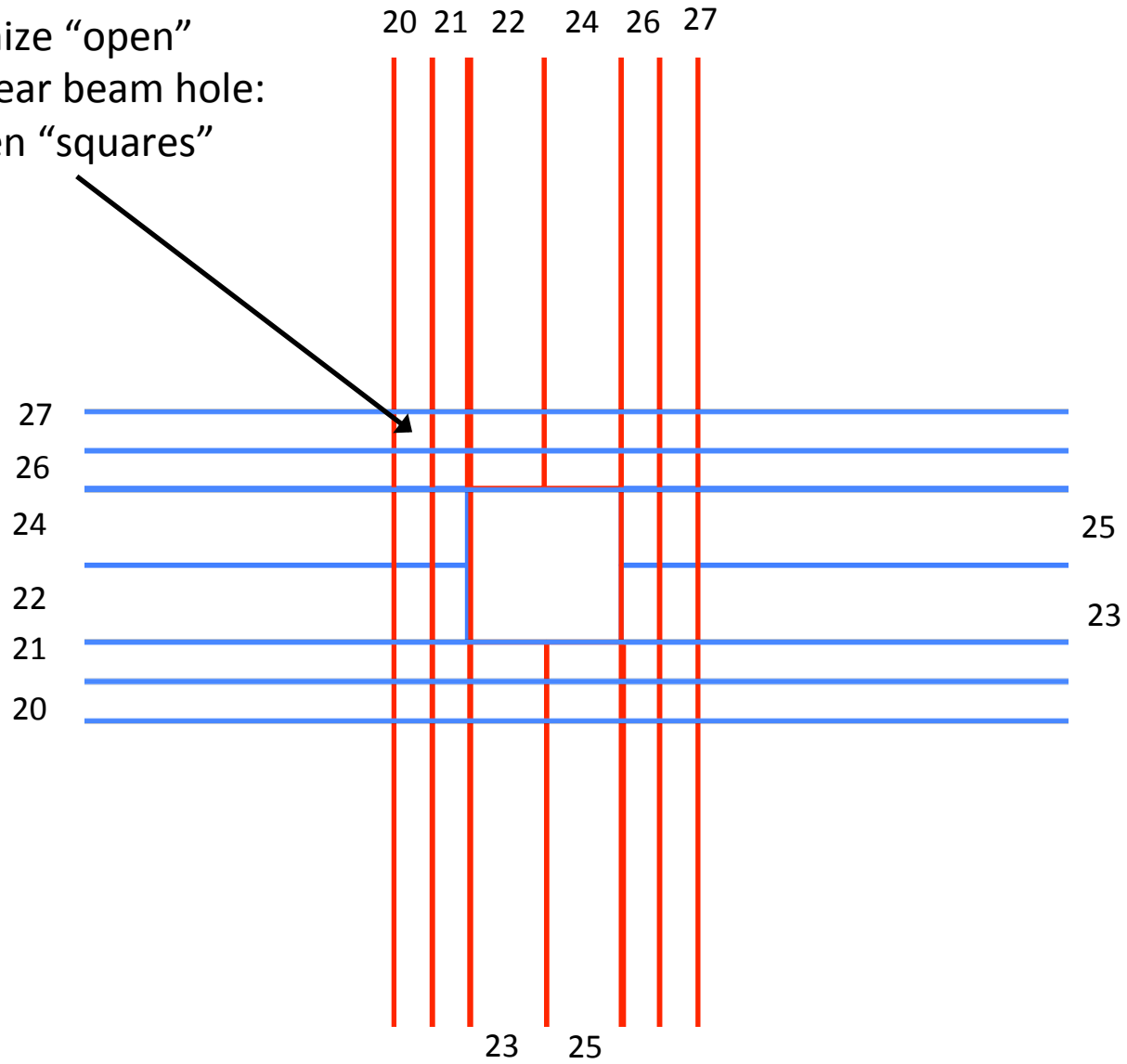
June 28, 2016 DL  
git revision #23379d  
100k events





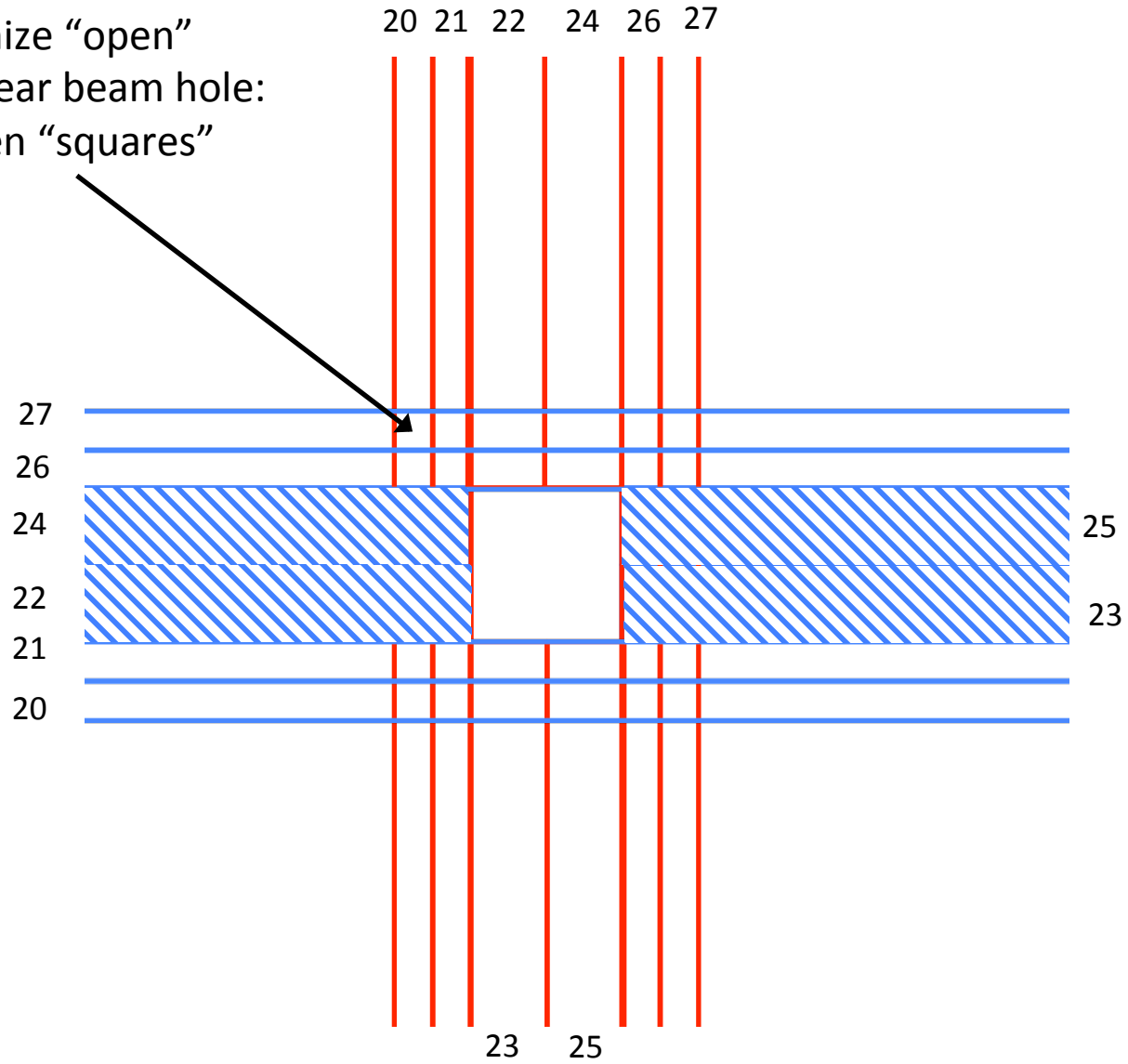
# Maximize acceptance for Primakoff events

Maximize "open"  
area near beam hole:  
48 open "squares"



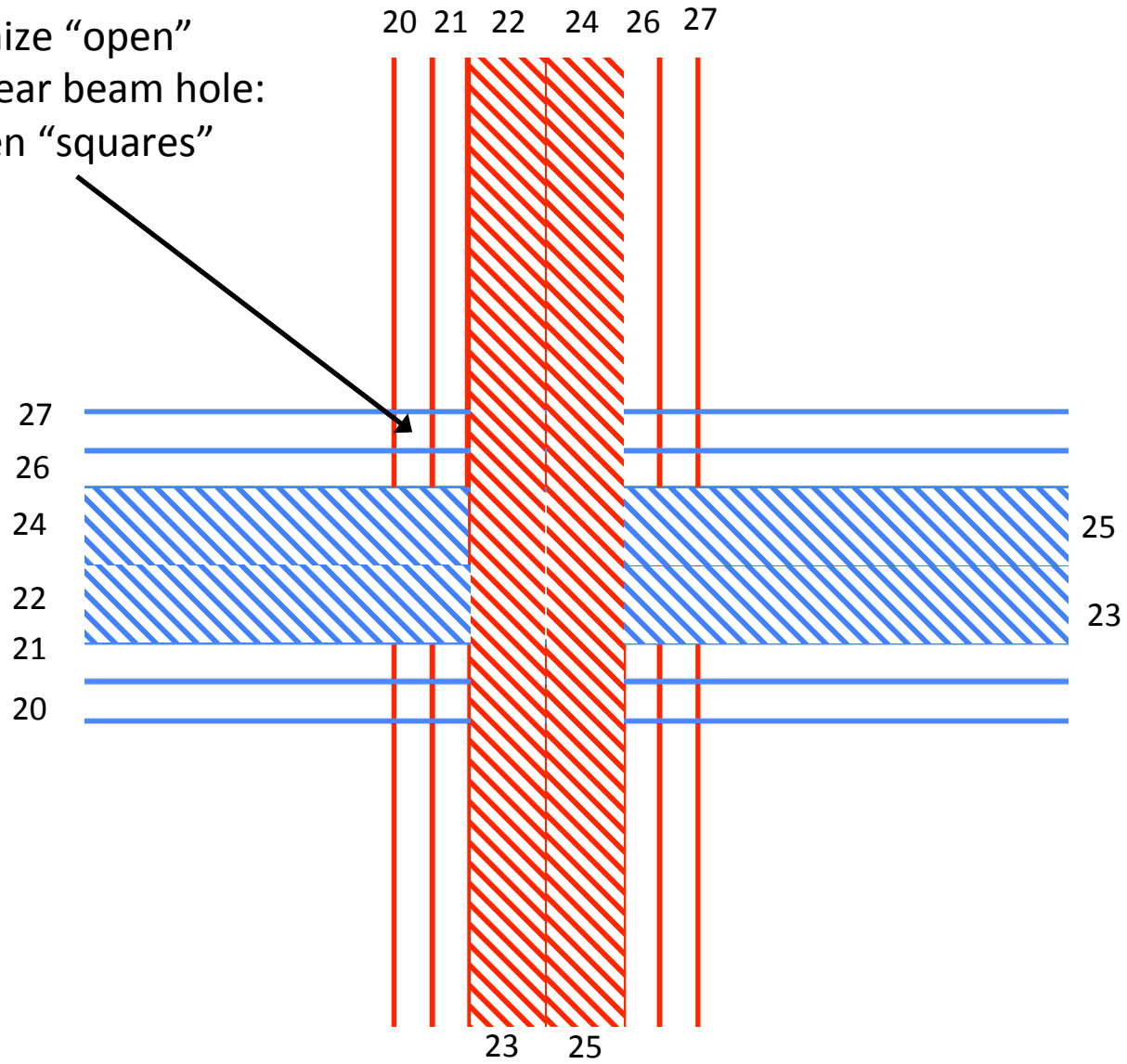
# Maximize acceptance for Primakoff events

Maximize “open”  
area near beam hole:  
32 open “squares”



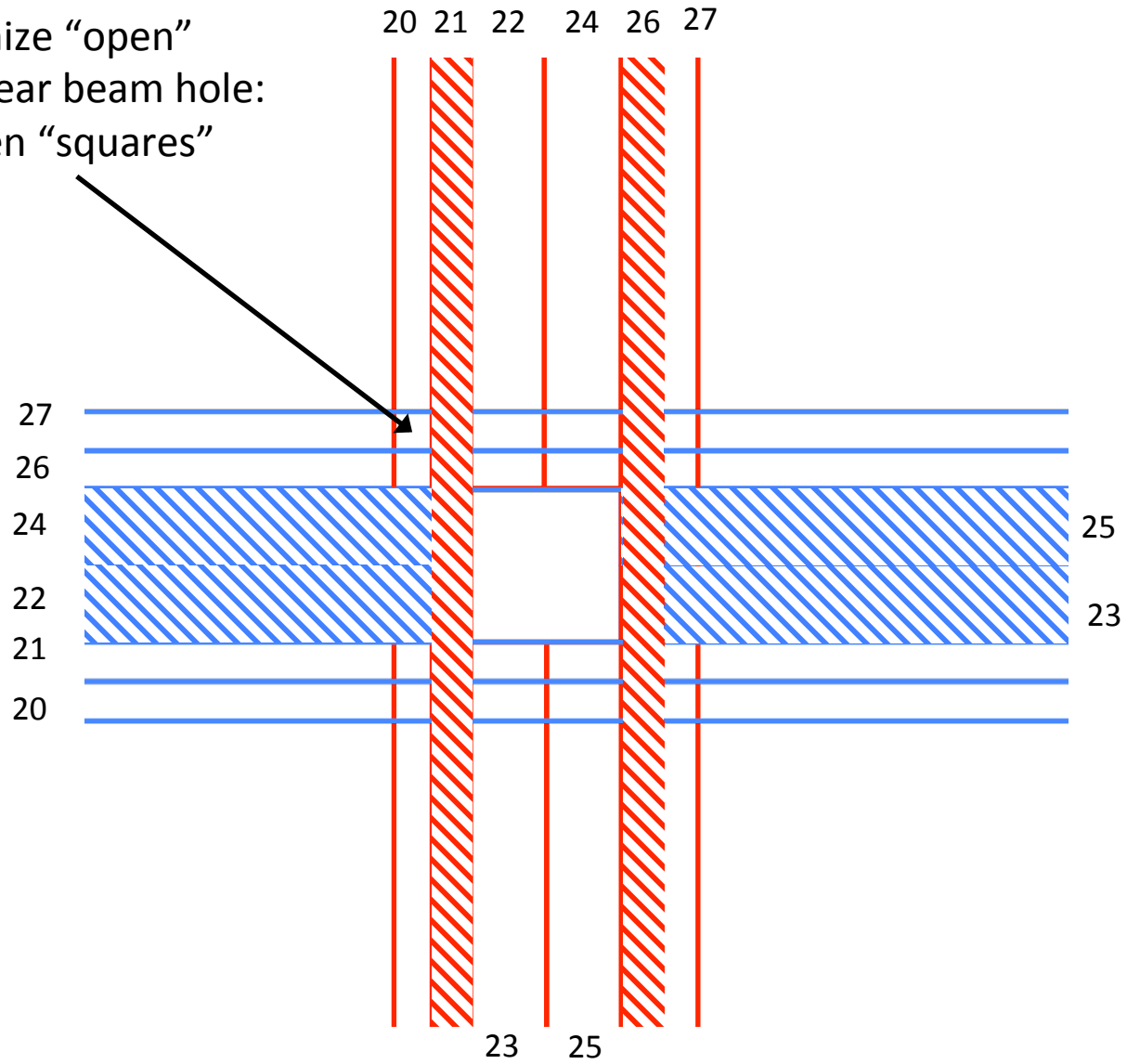
## Maximize acceptance for Primakoff events

Maximize "open"  
area near beam hole:  
16 open "squares"



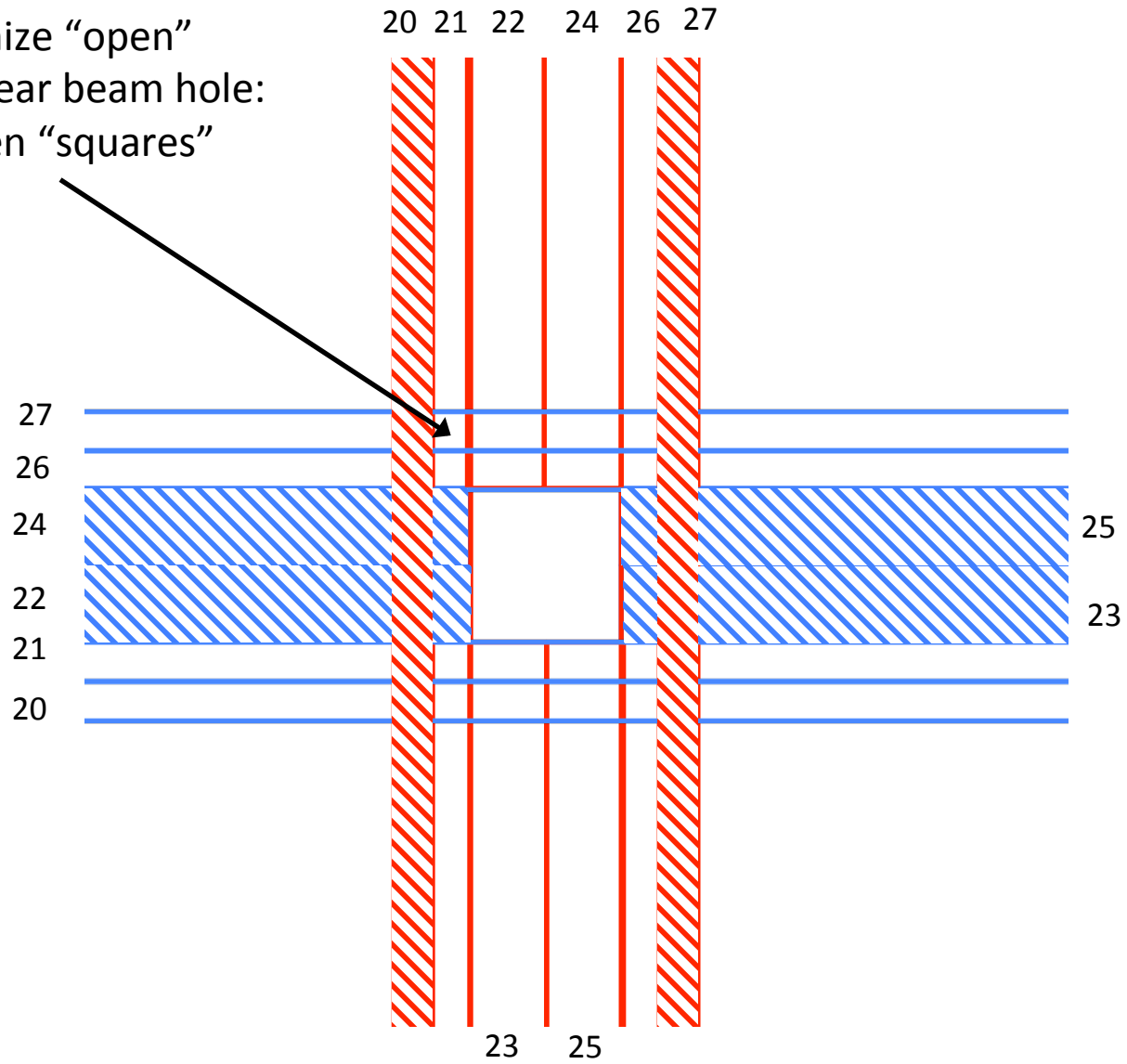
# Maximize acceptance for Primakoff events

Maximize "open"  
area near beam hole:  
24 open "squares"



## Maximize acceptance for Primakoff events

Maximize "open"  
area near beam hole:  
24 open "squares"



<b>Vertical paddles excluded</b>	<b>Horizontal paddles excluded</b>	<b><math>R_{\text{cut}}</math> (cm)</b>	<b><math>\text{Cos}\theta_{\text{min}}</math></b>	<b><math>\text{Cos}\theta_{\text{max}}</math></b>	<b>Accidental rate (kHz)</b>	<b>Primakoff acceptance</b>
none	none	none	none	none	146	81
22,23,24,25	none	none	none	none	51	52
22,23,24,25	none	none	-1.0	0.0	30	50
22,23,24,25	none	25	-1.0	0.0	23	44
22,23,24,25	none	none	-1.0	-0.2	27	47
22,23,24,25	21,26	none	none	none	31	36
22,23,24,25	21,26	none	-1.0	0.0	18	36
22,23,24,25	20,27	none	none	none	38	39
22,23,24,25	20,27	none	-1.0	0.0	22	39