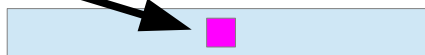


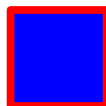
**Beam**



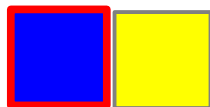
2x2 mm<sup>2</sup>  
Scintillator  
Trigger



Reference  
Photodetector  
**Measure  $t_0$**



~4.5  $X_0$  lead  
absorber



(1.7 cm)<sup>3</sup>  
LYSO Crystal  
Scintillator

Scintillation Signal  
Photodetector  
**Measure  $t_1$**

