
Subject: Re: DPG Group Talk
Posted by [asanchez](#) on Thu, 21 Feb 2008 14:01:09 GMT
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Hi Sebastian,

the start detector(tof start) consists of two planes of scintillator fibers(~ 2000 fibers). they are surrounding the region of the secondary target(radius of ca 8 cm).

The time resolution requirement for a good mass separation(pion from kaons) is about 500ps in combination with the tof barrel(scintillator)detector with a time rsol of 80 ps.

i send you the plot for the detector acceptance for the Xi minis in the secondary target(small si tracker) for us is specially important those with a total momentum lower than 0.5 GeV/c(those with a higher propability to be stopped and to form the hypernuclei)

plots are attached to this purpose.
best regrads
alicia.

File Attachments

- 1) [XiminStpRateppt.eps](#), downloaded 347 times
 - 2) [XiminStpRateptheta.eps](#), downloaded 341 times
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