
Subject: Re: Lambda Lambdabar simulations

Posted by [Karin Schönning](#) on Thu, 24 Apr 2014 09:39:12 GMT

[View Forum Message](#) <> [Reply to Message](#)

By ideal detector, do you mean this:

```
fastSim->AddDetector("ScSttAlone", "tthMin=0. tthMax=160. ptmin=0.0 pmin=0.0 pRes=0.001  
tthRes=0.001 phiRes=0.001 efficiency=1.0");
```

?

If I use that, I get no acceptance loss, but if I use the default (or what was given in the simfast.C file obtained from the checkout, i.e.

```
fastSim->AddDetector("ScSttAlone", "tthMin=145. tthMax=159.5 ptmin=0.1 pmin=0.0  
pRes=0.04 tthRes=0.001 phiRes=0.001 efficiency=0.25")
```

I do get severe losses in the forward and backward region.

Or rather, what option did you use to produce this picture?
