
Subject: PndDpmDirect changed

Posted by [Johan Messchendorp](#) on Sat, 07 May 2011 11:31:11 GMT

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Dear all,

The PndDpmDirect has been modified with an additional option to let the code calculate the cut-off angle by itself. The cut-off has been set such that it cuts in $-t$ of $1e-2 \text{ GeV}^2$ (cuts $\sim 100 \text{ MeV/c}$ recoil protons). This corresponds roughly to 0.4 deg at 15 GeV/c and 4 deg at 1.5 GeV/c . An interpolation is made for other momenta: linear in double-log scale. One can call this new constructor of PndDpmDirect with:

```
PndDpmDirect::PndDpmDirect(Double_t Mom, Int_t Mode, Long_t Seed=-1)
```

Note that you can still an explicit angle cut-off, using the old constructor call.

Greets,

Johan.
