

Update on the measurement of the *Moli'ere* radius from the 2014 TB data

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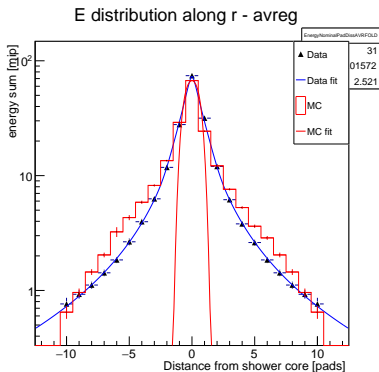
2 Nov 2016

Moli'ere radius of 2014 configuration

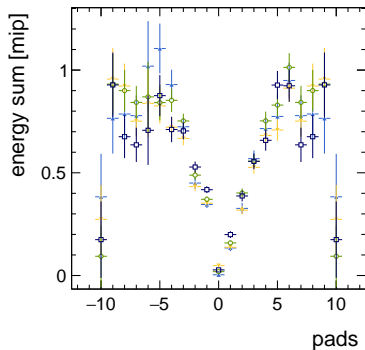
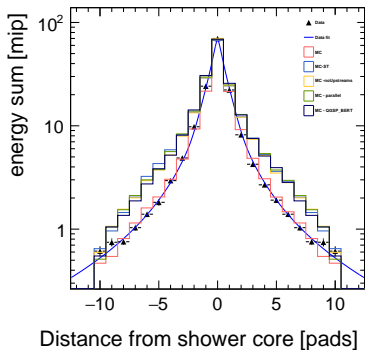
last results of *Moli'ere radius* when using Telescope data for folding events to the same core tower, events were shower starting point is not in the pad center ($600 \mu m$) and no double track by taking event were the LumiCal reconstruction and telescope reconstruction is different within a size of 2 pads and with 5% errors for data

data set	R_M	χ^2	psodo mean	psodo RMS
CONF1 - data	14.0868	22.7282	13.79	2.5
CONF1 - MC	17.7111	33.2338	18.03	0.46
CONF2 - data	17.5816	5.04745	16.55 / 17.35	2.17 / 0.69
CONF2 - MC	18.8642	13.1458	18.94	0.49
CONF3 - data	18.098	12.4404	17.51/17.74	1.77/0.67
CONF3 - MC	18.7694	15.4945	18.83	0.52
2+3 - data	17.9973	13.7931	17.15	1.6
2+3 - MC	18.7576	14.6455	18.79	0.45

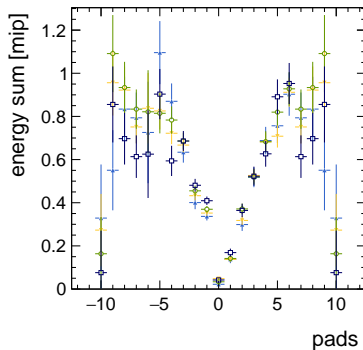
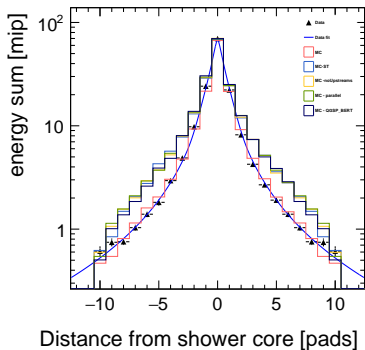
DD4Hep - CONF2 :



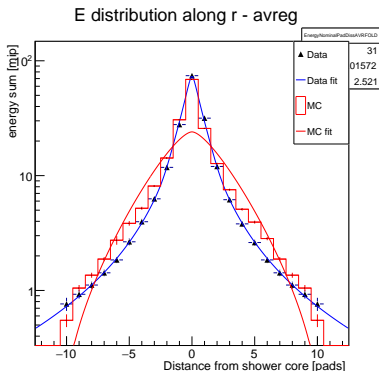
DD4Hep - CONF2 different MC :



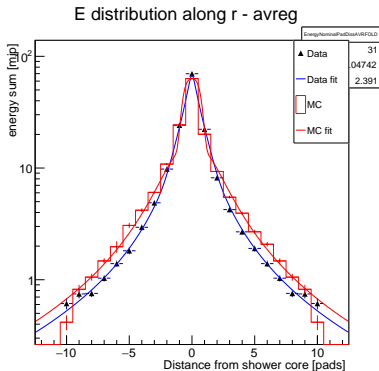
DD4Hep - CONF2 different MC with IMPACT cut :



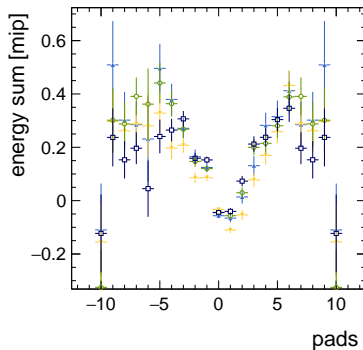
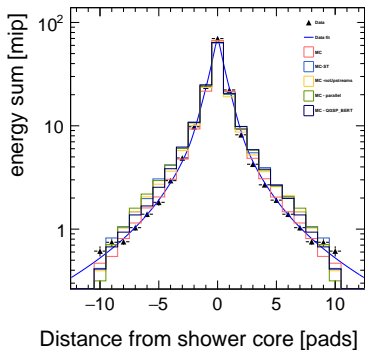
DD4Hep - CONF2 change physics list - QGSP_BERT -:



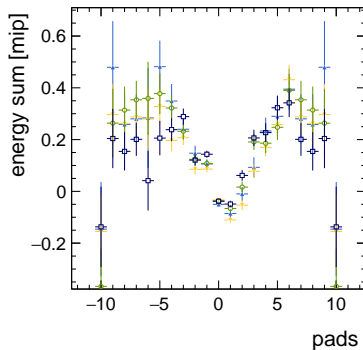
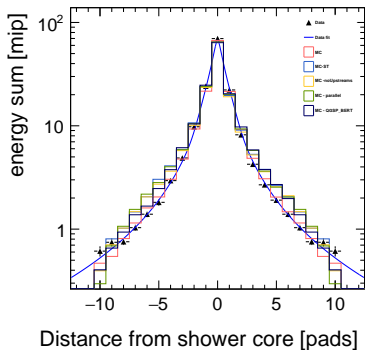
DD4Hep - CONF1 :



DD4Hep - CONF1 different MC :



DD4Hep - CONF1 different MC with IMPACT cut :



DD4Hep - CONF1 change physics list - QGSP_BERT -:

