ILD calorimeter calibration issues

Vasily Morgunov
MPI, Muenchen and ITEP, Moscow

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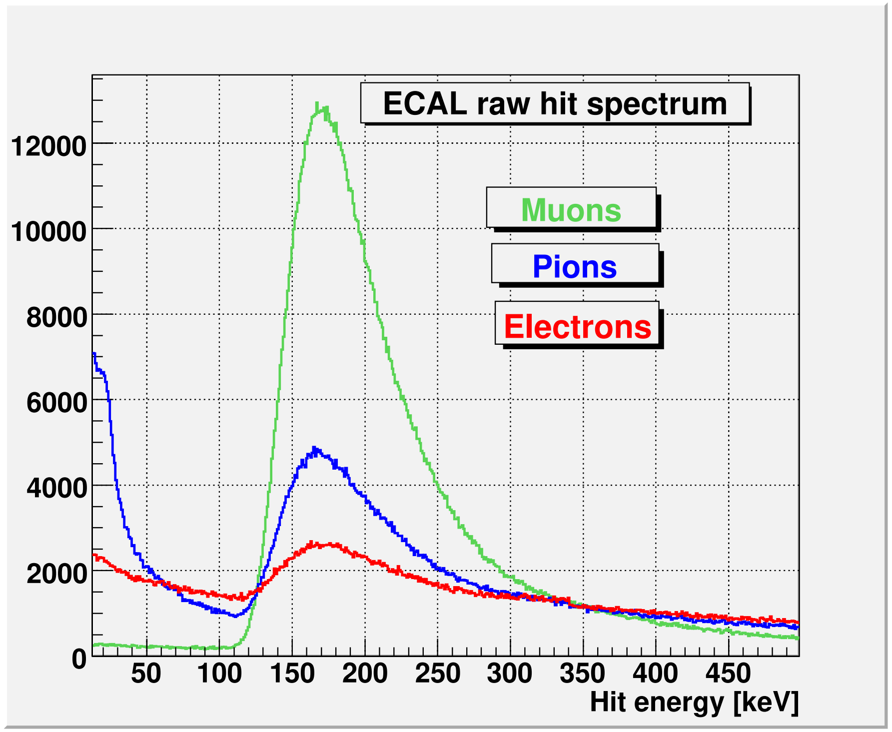
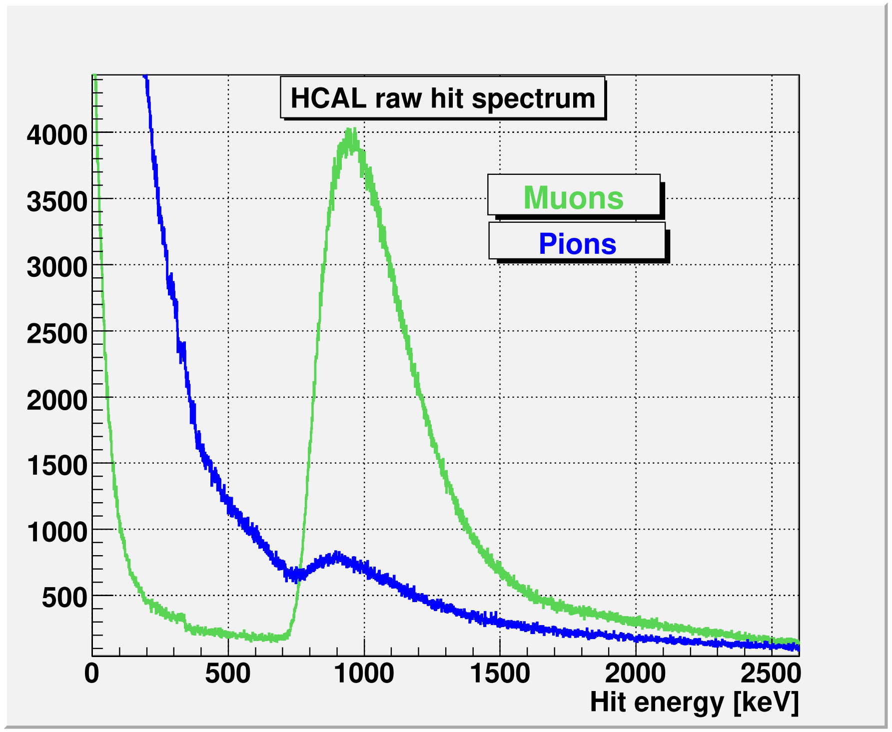
Raw hit spectrum in calorimeters

Model LDC01_05Sc (ecal03), corresponding to tag mokka–06–06–pre01





Average most probable values for muons:

MIP_{vis} = 172.0 keV for Si 0.5 mm; MIP_{vis} = 952.0 keV for Scint. 5 mm

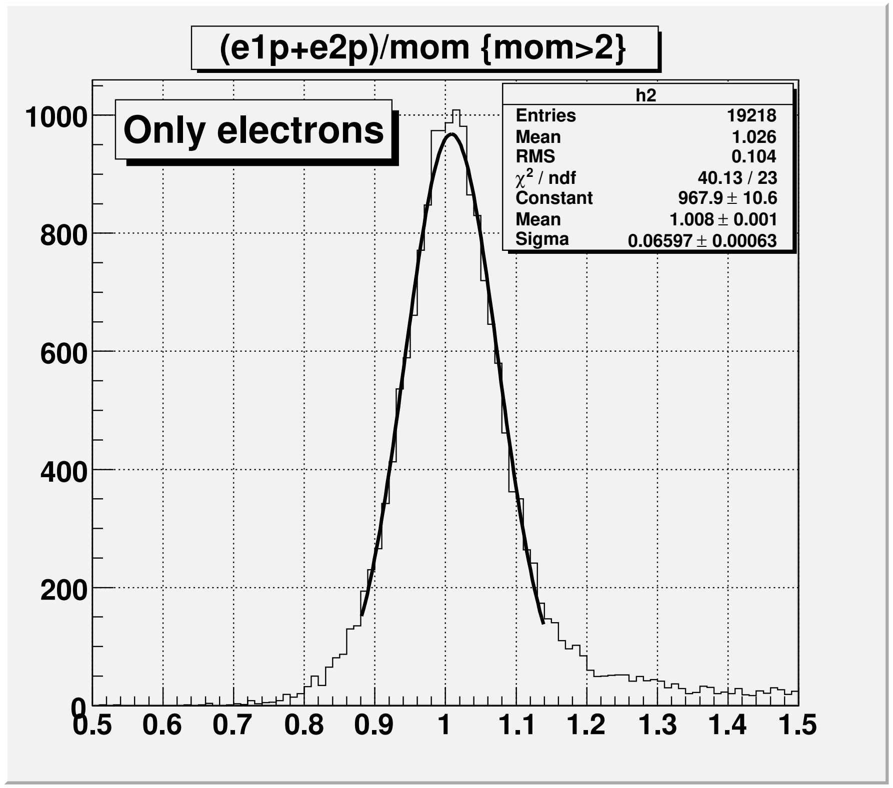
Calibration constants

Sampl. Coeff. ECAL1 = 41.28

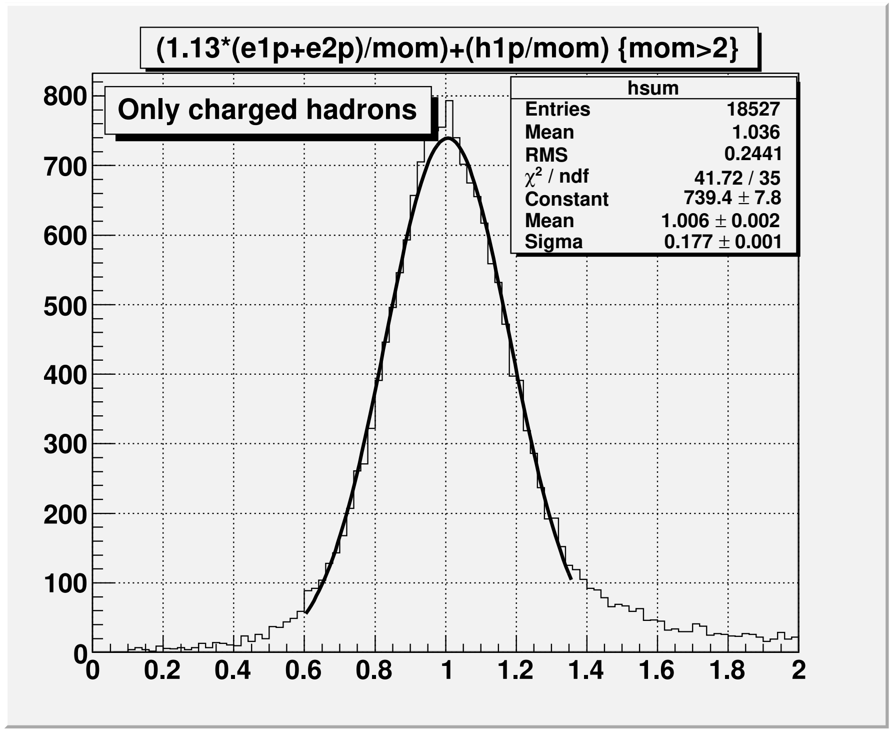
Sampl. Coeff. ECAL2 = 78.43

Sampl. Coeff. HCAL = 30.00

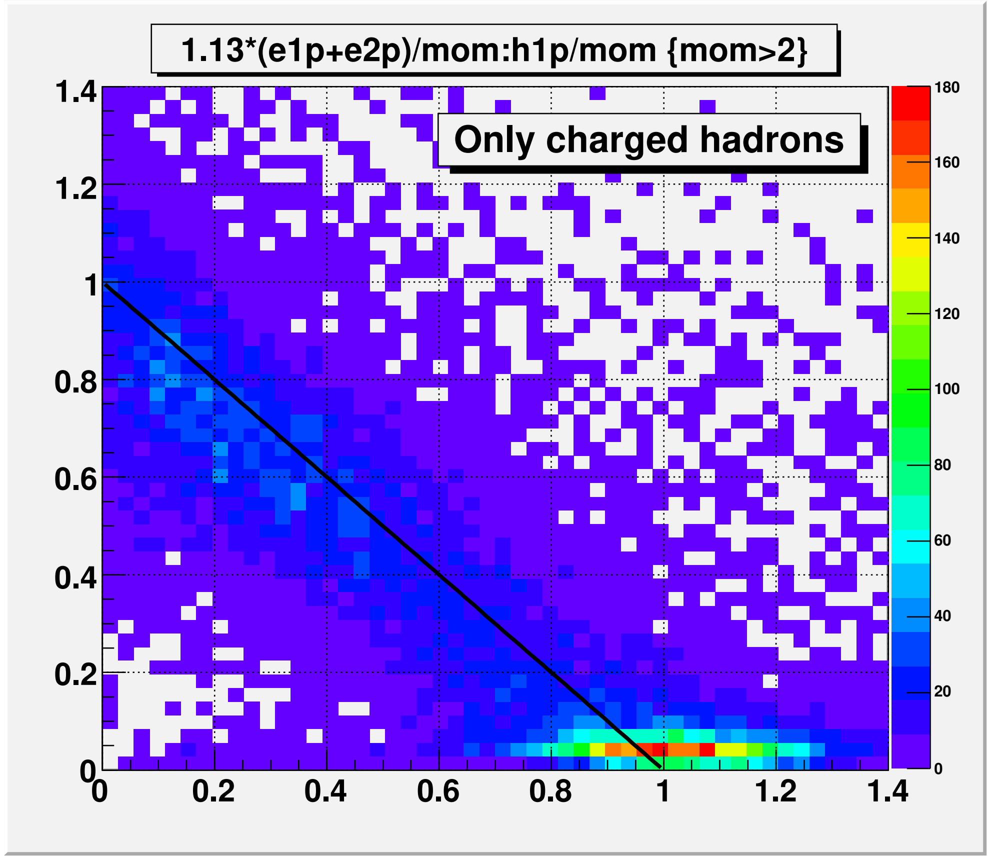
Electrons



Hadrons



Question



Correct dependence is occured if we put an additional coefficient for ECAL signal = 1.13

The nature of this additional coefficient is UNKNOWN

Maybe it is due to an dead material between ECAL and HCAL