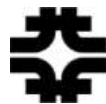


Resolution of a BGO Dual Readout calorimeter

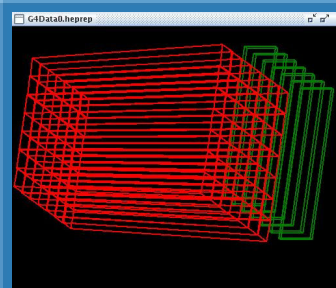
Weekly simreco meeting

Hans Wenzel

Fermilab



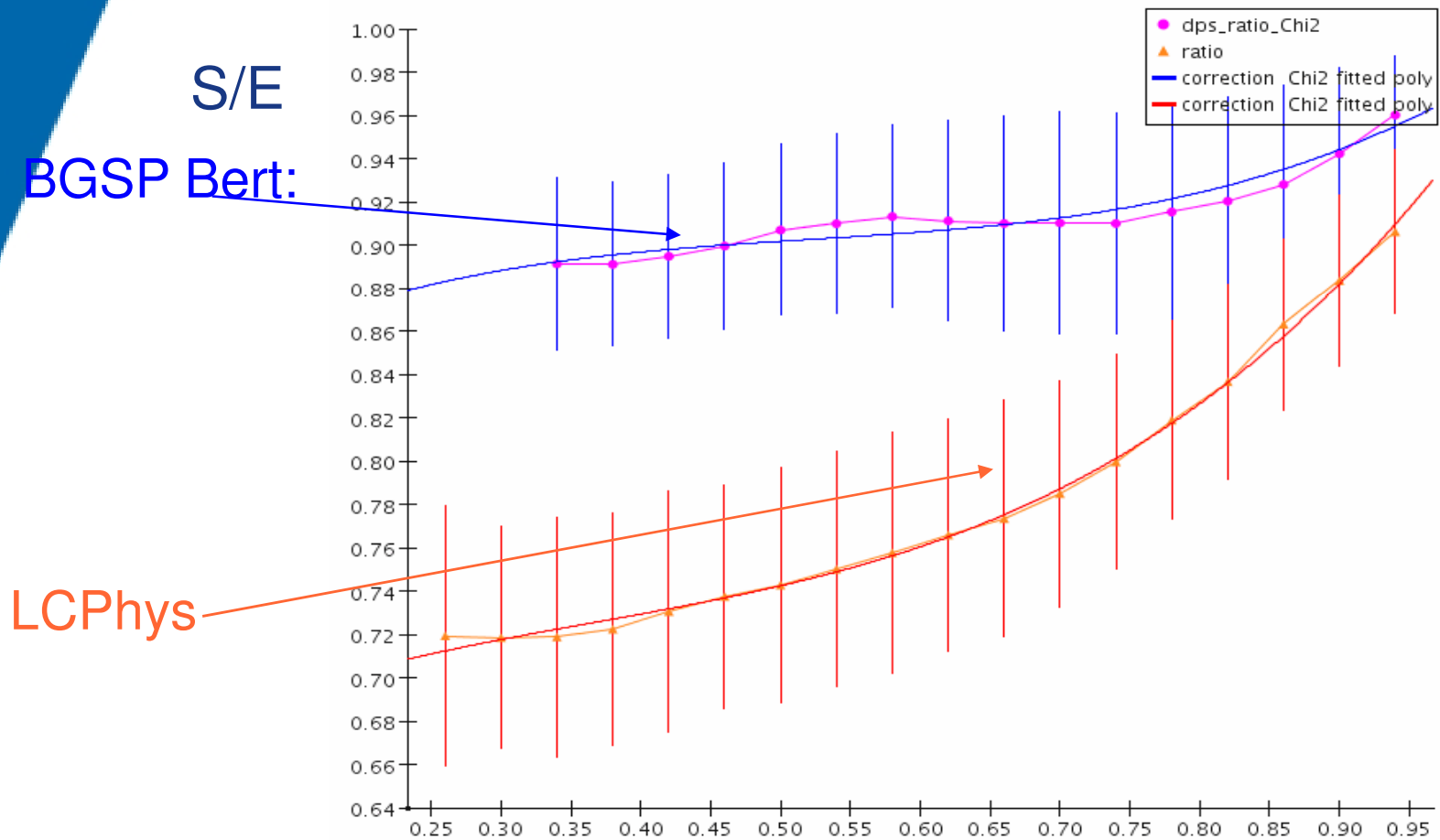
Oct. 20th, 2009



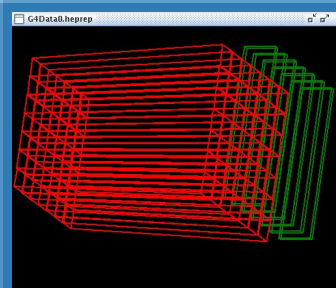
Correction function for different physics lists using raw hits

Ccal02, BGO n=1.65, raw hit

correction Chi2 fitted poly - correction Chi2 fitted poly - dps_ratio_Chi2 - dps_ratio_Chi2



C/S



Correction function for different physics lists

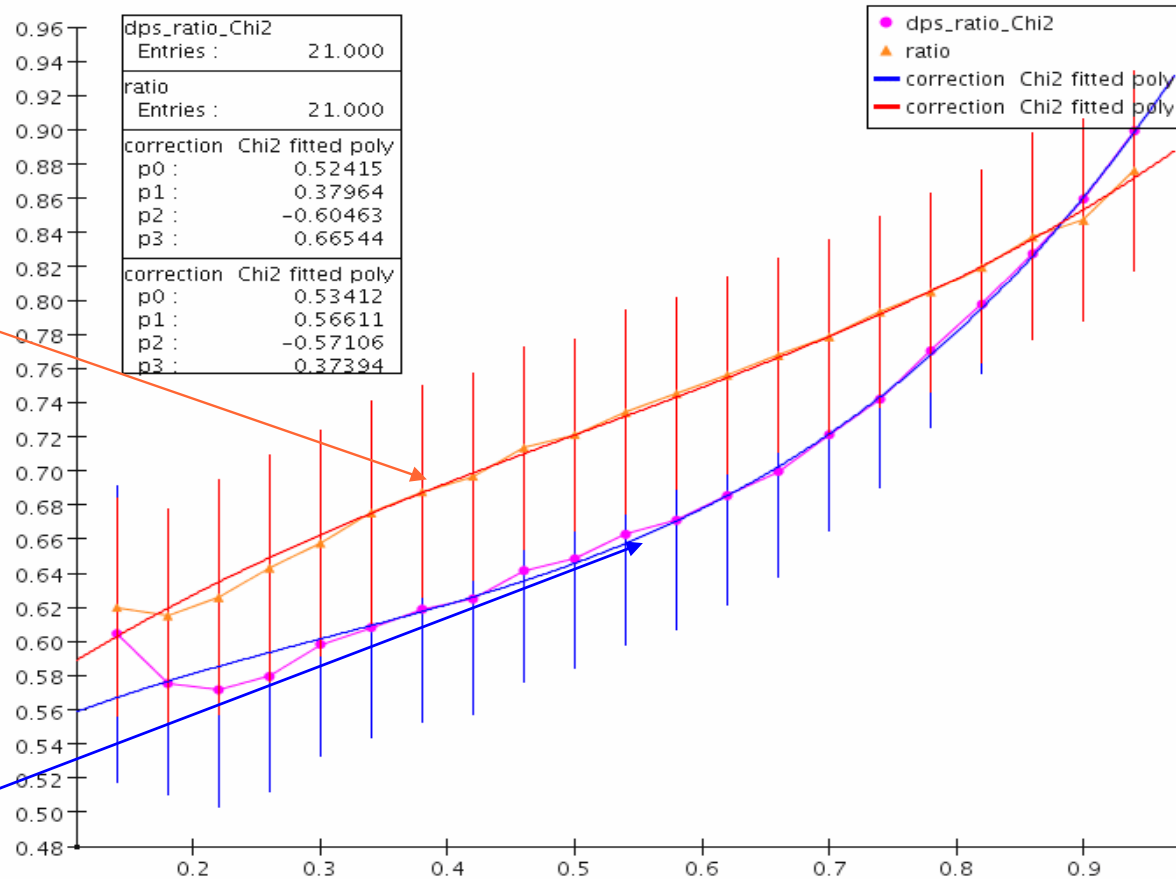
Ccal02, BGO n=1.65, digisim 1/50 mip

correction Chi2 fitted poly - correction Chi2 fitted poly - dps_ratio_Chi2 - dps_ratio_Chi2

S/E

BGSP Bert:

LCPhys



C/S

Single Pion resolution digis

Ccal02, BGO n=1.65, digisim 1/50 mip

LCPhys: $1.18 + 15.6/\text{sqr}(E) \%$

