

# CDC reco-geometry model effects

F2F Tracking Meeting

Markus Prim | 22.04.2015



INSTITUT FÜR EXPERIMENTELLE KERNPHYSIK (IEKP)

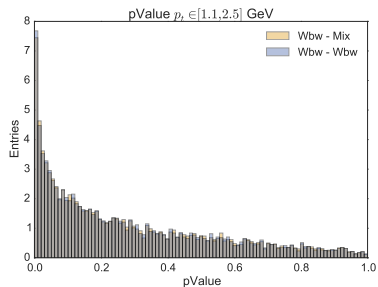
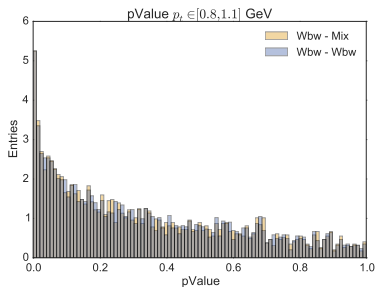
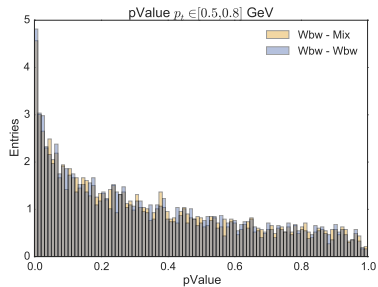
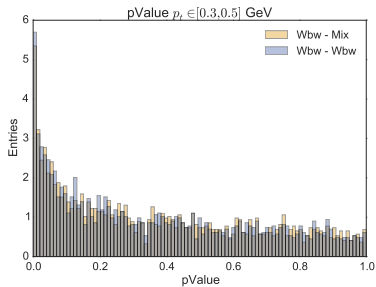


# Runtimes

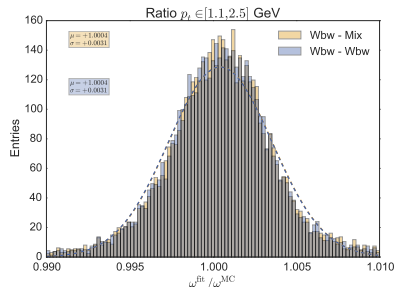
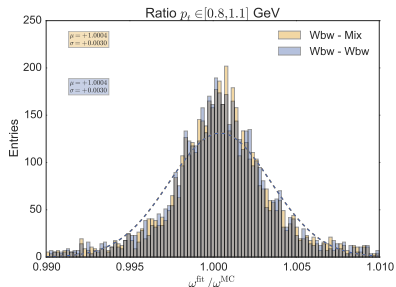
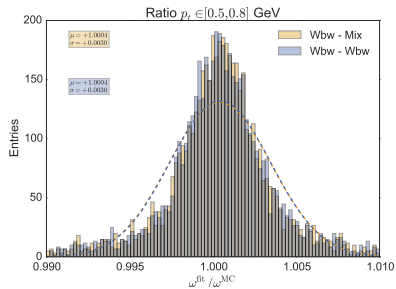
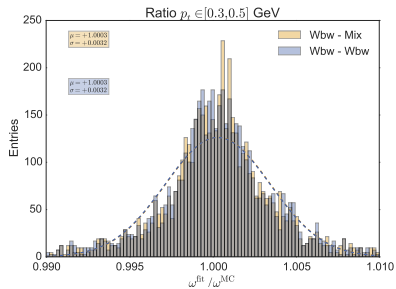
Used: Pions,  $p \in [0.3, 2.5]$ , full geometry acceptance  
Only CDC as component in Simulation and Tracking

Module	Mode	Calls	Memory(MB)	Time(s)	Time(ms)/Call
FullSim	mixture	20k	0	193.39	$9.67 \pm 11.56$
FullSim	wirebywire	20k	7	196.16	$9.81 \pm 11.30$
GenFitter	mixture	20k	15	507.26	$25.36 \pm 40.30$
GenFitter	wirebywire	20k	11	760.46	$38.02 \pm 29.07$

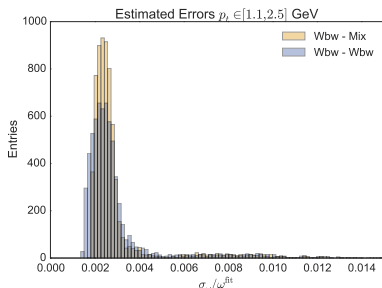
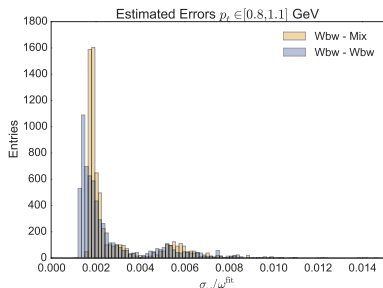
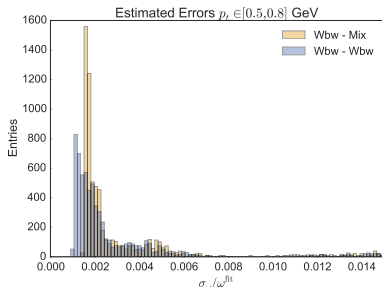
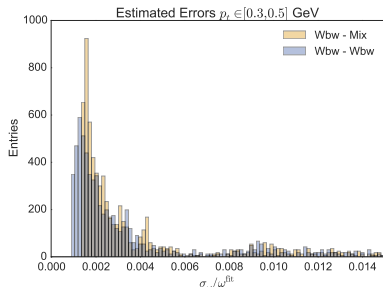
# pValues



# Curvature Ratio



# Curvature Estimated Error



# Curvature Pull

