

P07slot2

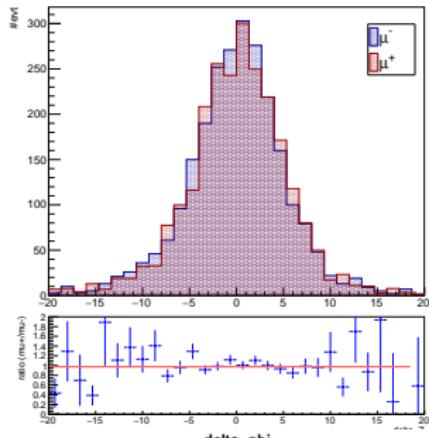
Cuts	Num. of events (Antoine)	Num. of events (Johannes)
Has an inc. and out. muon	9.997e+7	9.997e+7
Trigger (OT, MT, LT)	9.89555e+7	9.895547e+7
$1 < Q^2 < 10$	9.37423e+6	9374226
$0.05 < Y < 0.95$	6.25141e+6	6251413
ls flux	3.8895e+6	3889512
Z-Vertex in target	2.54001e+6	2540008
Vertex has only out. μ	583756	583756
1 Cluster>thr	145869	145869
Exclusivity cuts	5098	5114
One proton candidate	5053	5047
$0.08 < t < 0.64$	3457	3478

→ End up with discrepancy < 0.6%

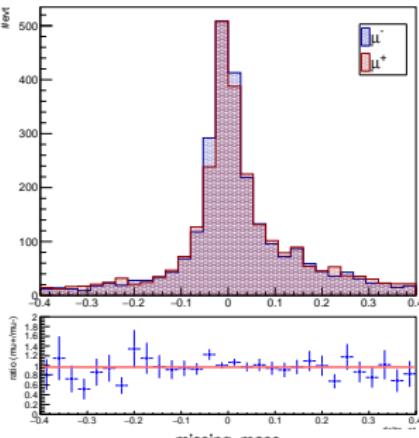
→ Comparing P04t5, P05t6, P06t7

Distribution of exclusivity variables (P07slot2)

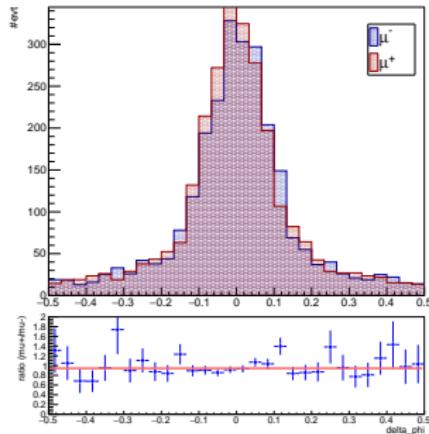
delta_Z



delta_pt



delta_phi



missing_mass

