

$Ds \rightarrow \eta\mu\nu$ and other cool stuff

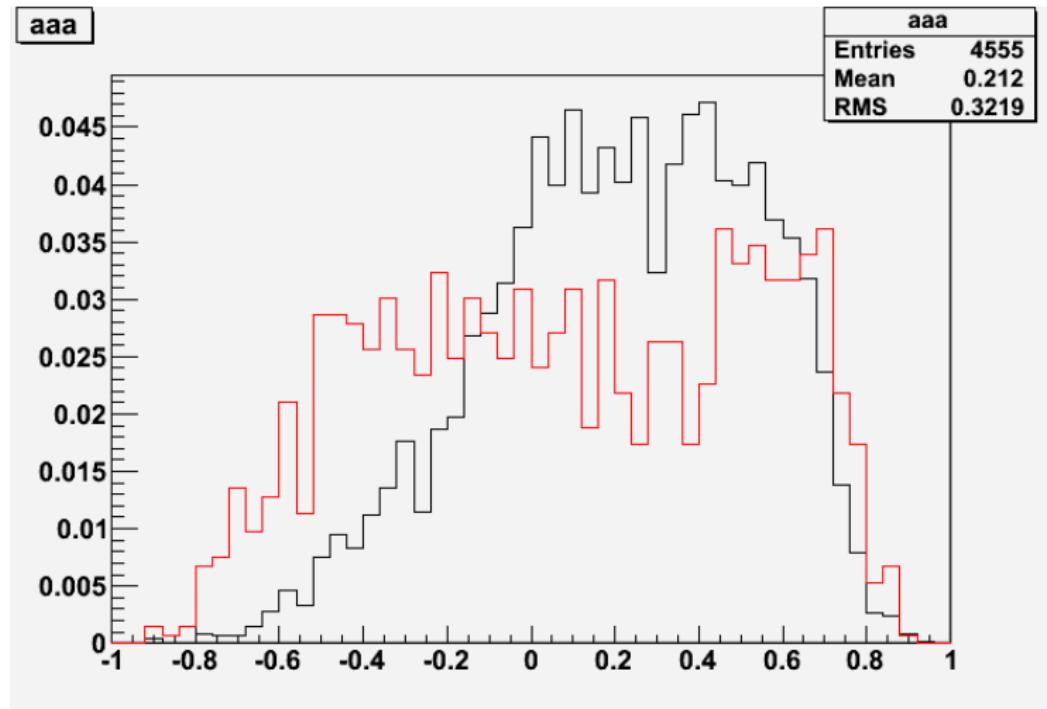
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Geo efficiency in new model staided the same: $eff = 0.183 + /0.010$
This is from 4.7M events. We got full MC awaible.

Geo response



The problem was in the binning as you suggested. Now they are the same.

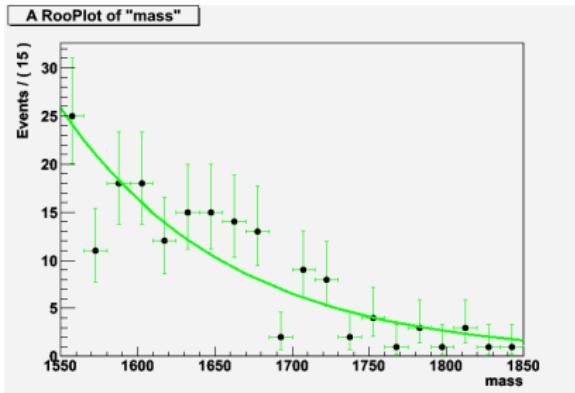
Old values

PID	Geo
-0.25	-1.0
-0.075	0.116
-0.021	0.44
0.038	0.616
1	1.0

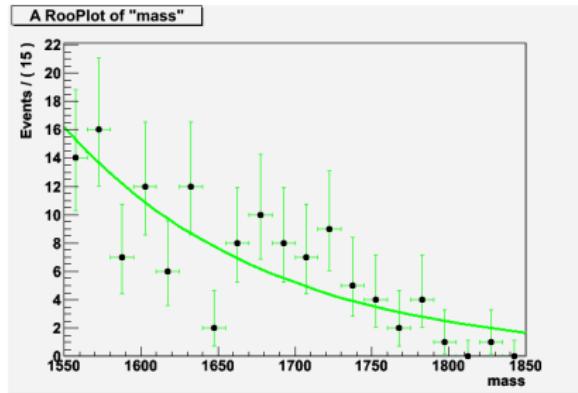
All exp, unbinned max lik. fit.(data plotted binned for easy comparison)

Exponential Linear

FITS

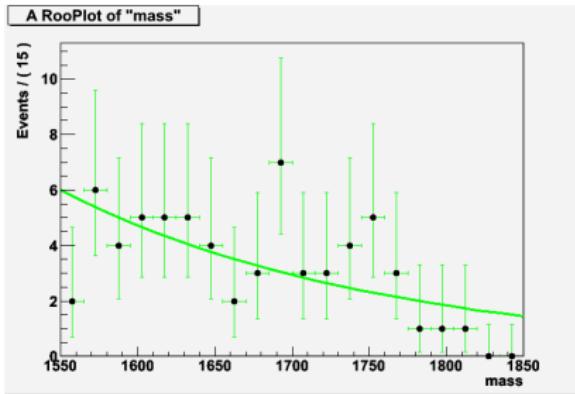


$Pid \in (-0.02, 0.03)$,
 $Geo \in (0.116, 0.44)$

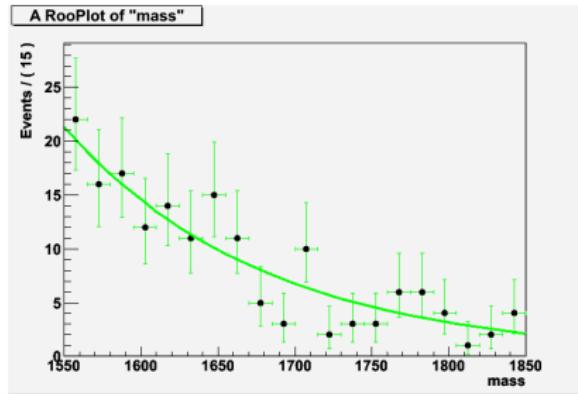


$Pid \in (-0.02, 0.03)$,
 $Geo \in (0.44, 0.616)$

FITS

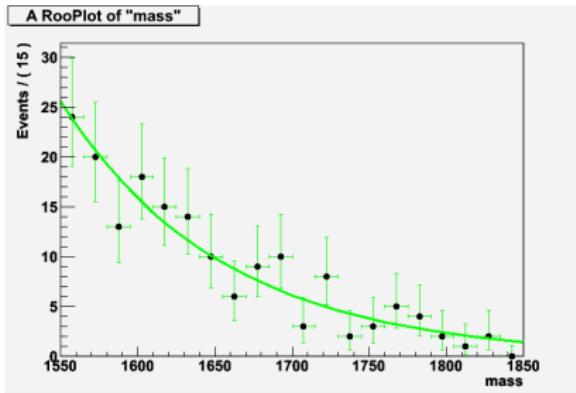
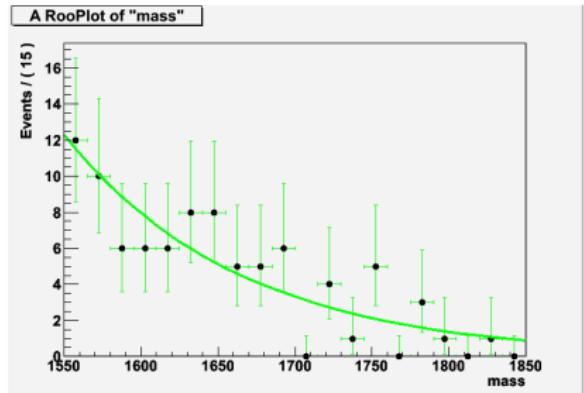


$Pid \in (-0.02, 0.03)$,
 $Geo \in (-1, 0.116)$

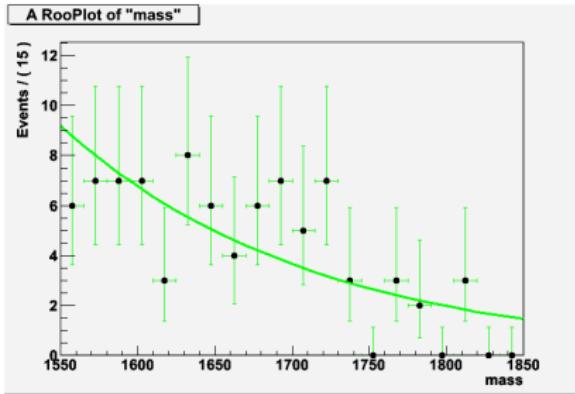


$Pid \in (-0.02, 0.03)$,
 $Geo \in (0.116, 0.44)$

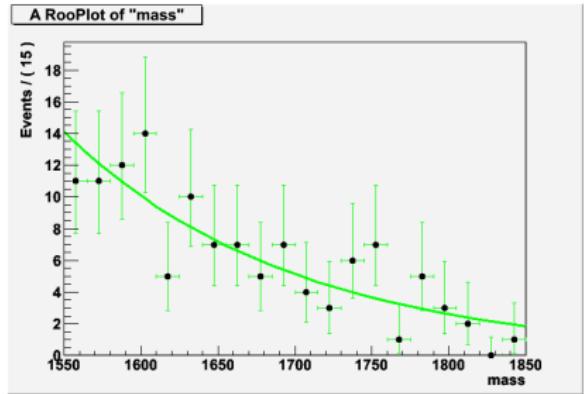
FITS


 $Pid \in (0.03, 1), Geo \in (0.44, 0.616)$

 $Pid \in (0.03, 1), Geo \in (-1, 0.116)$

FITS

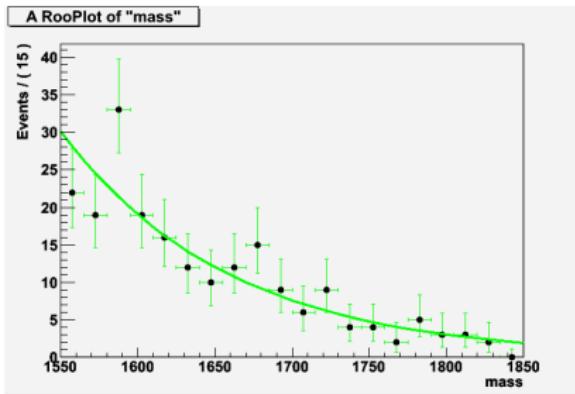


$Pid \in (0.03, 1), Geo \in (1, 0.616)$

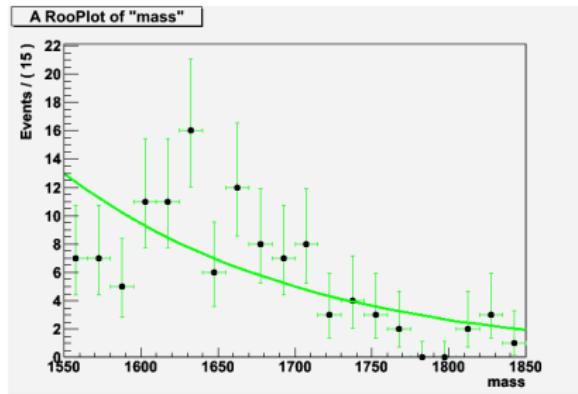


$Pid \in (0.03, 1), Geo \in (-1, 0.616)$

FITS

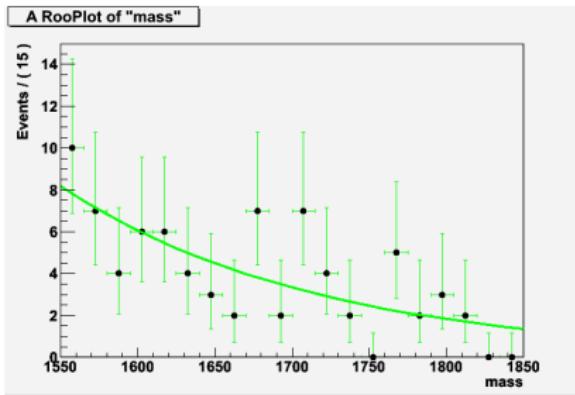


$Pid \in (-0.07, -0.02)$,
 $Geo \in (0.116, 0.44)$

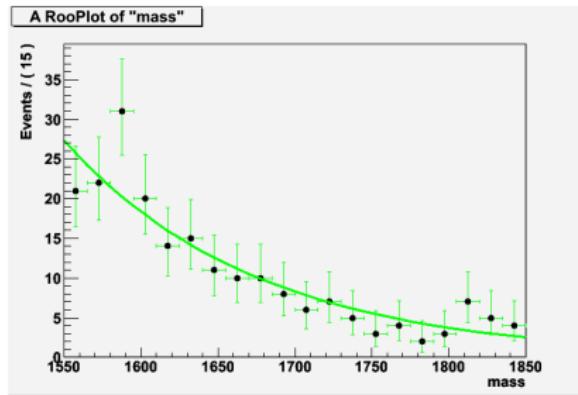


$Pid \in (-0.07, -0.02)$,
 $Geo \in (0.44, 0.616)$

FITS



$Pid \in (-0.07, -0.02)$,
 $Geo \in (0.616, 1)$



$Pid \in (-0.07, -0.02)$,
 $Geo \in (-1, 0.116)$

FITS

