

**CMS** *Internal*

Entries

**FWMH BS/GeoFit ratio = 1.001**

**FWHM/Mean GeoFit = 0.0274**

**FWHM/Mean BS = 0.0274**

— BS refit

— GeoFit

hmass\_blue

Entries	158793
Mean	124.8
Std Dev	1.757
$\chi^2$ / ndf	89.81 / 44
Prob	5.594e-05
p0	$0.03019 \pm 0.00207$
p1	$124.9 \pm 0.0$
p2	$1.136 \pm 0.050$
p3	$0.02024 \pm 0.00222$
p4	$124.6 \pm 0.0$
p5	$2.322 \pm 0.082$

hmass\_red

Entries	158793
Mean	124.8
Std Dev	1.767
$\chi^2$ / ndf	62.45 / 44
Prob	0.03488
p0	$0.0356 \pm 0.0019$
p1	$124.9 \pm 0.0$
p2	$1.216 \pm 0.043$
p3	$0.01478 \pm 0.00206$
p4	$124.6 \pm 0.1$
p5	$2.625 \pm 0.138$

0.06

0.05

0.04

0.03

0.02

0.01

0

$m(\mu\mu)$  BS + Roch