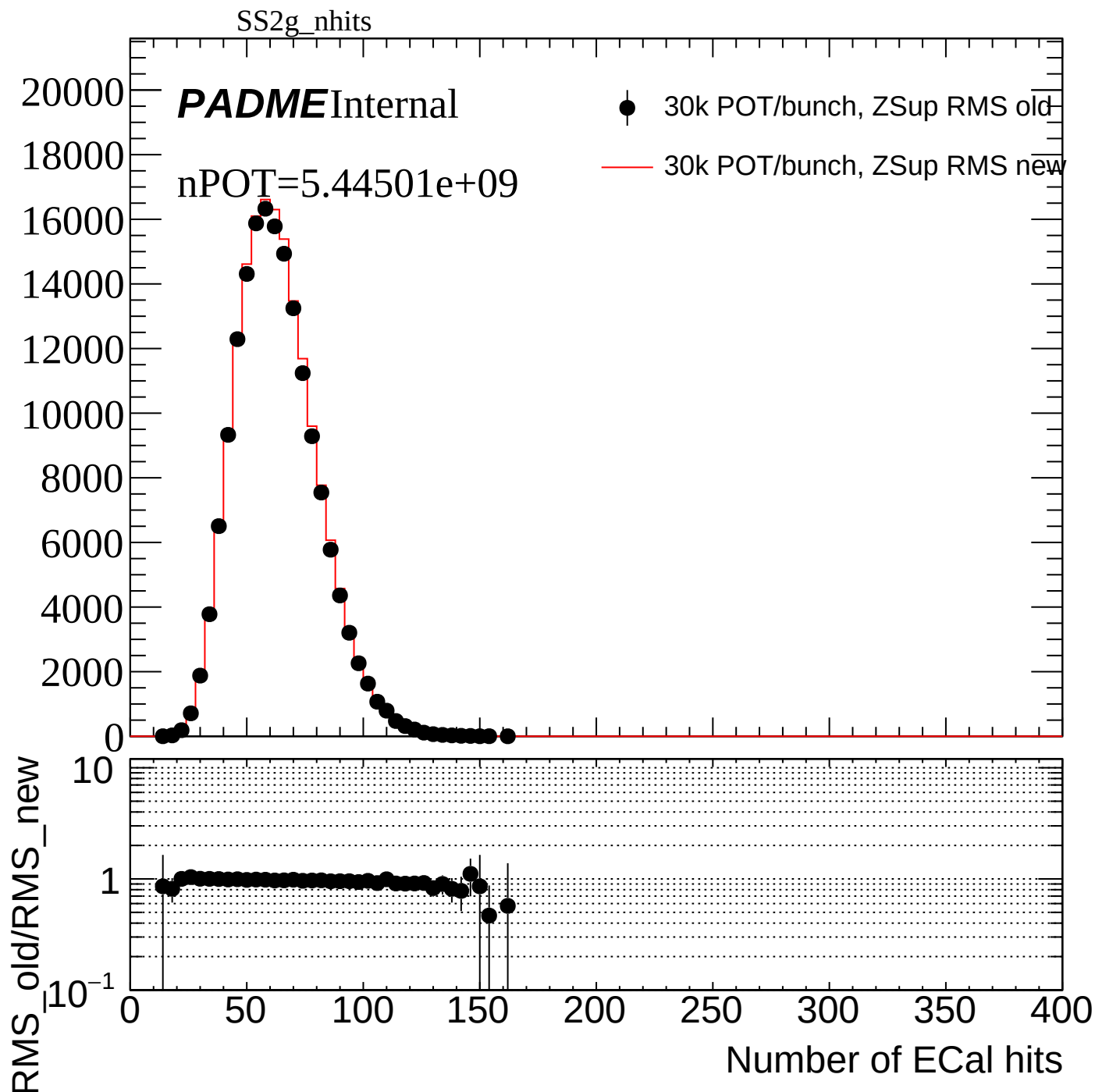
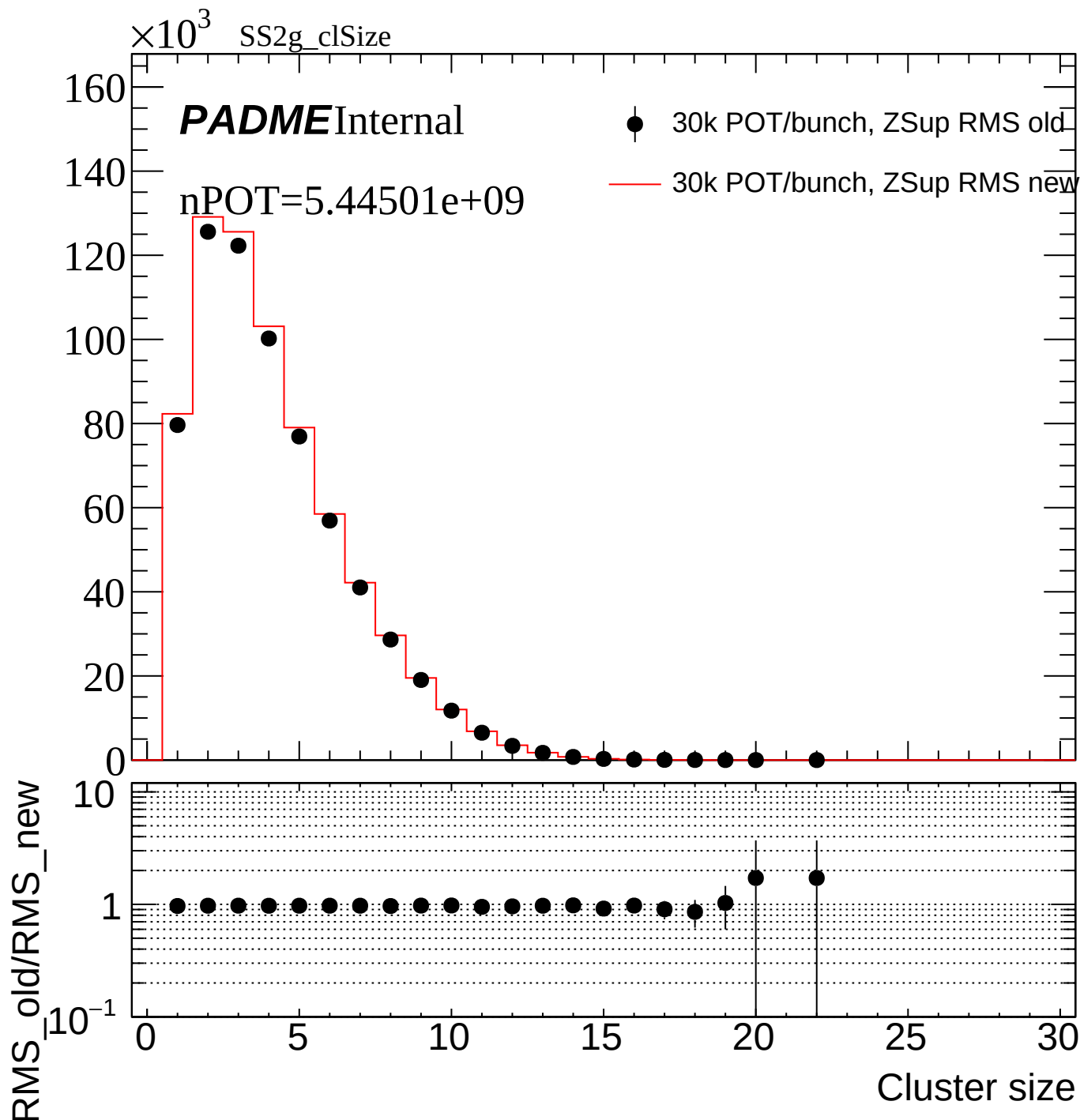
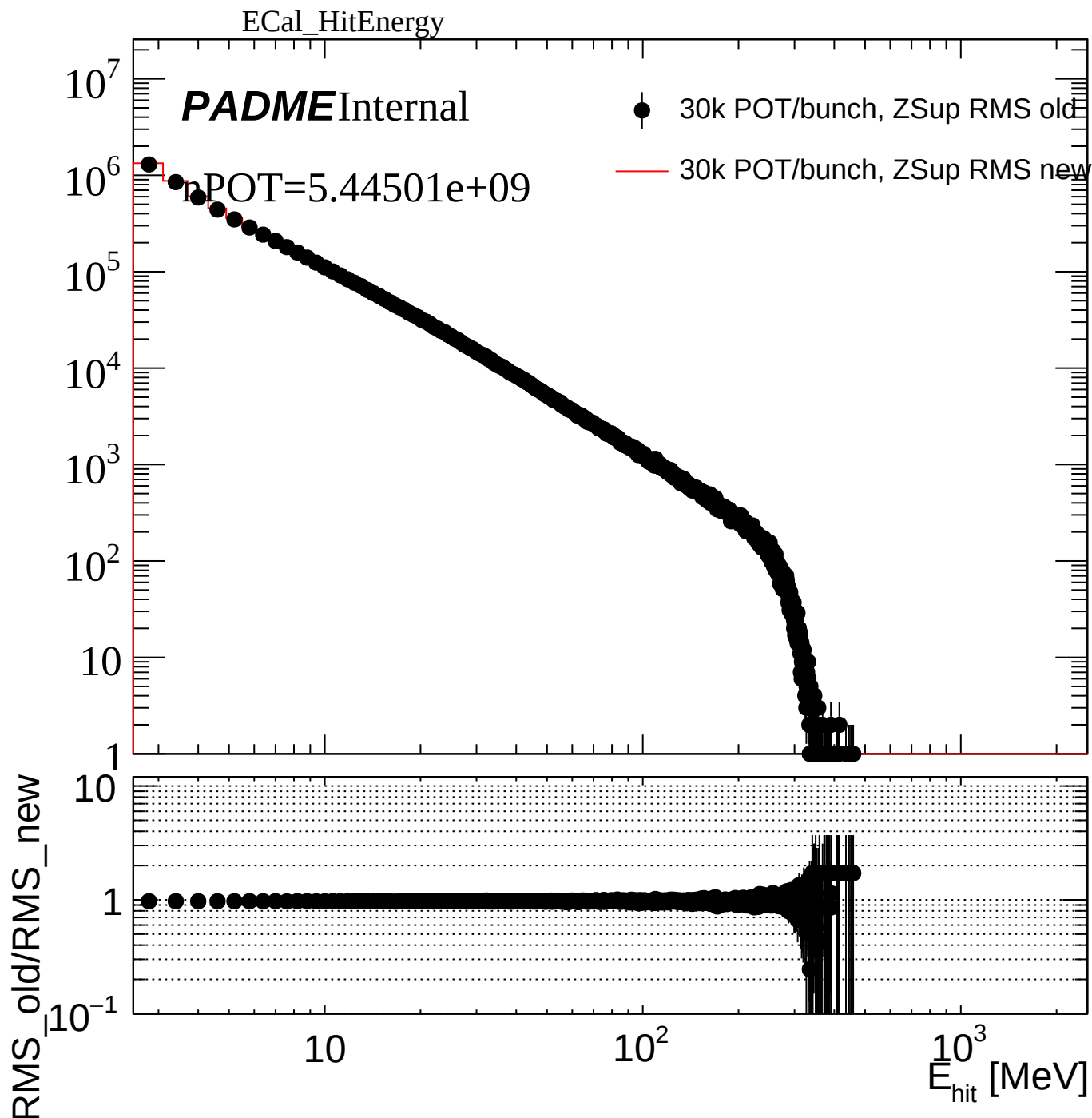
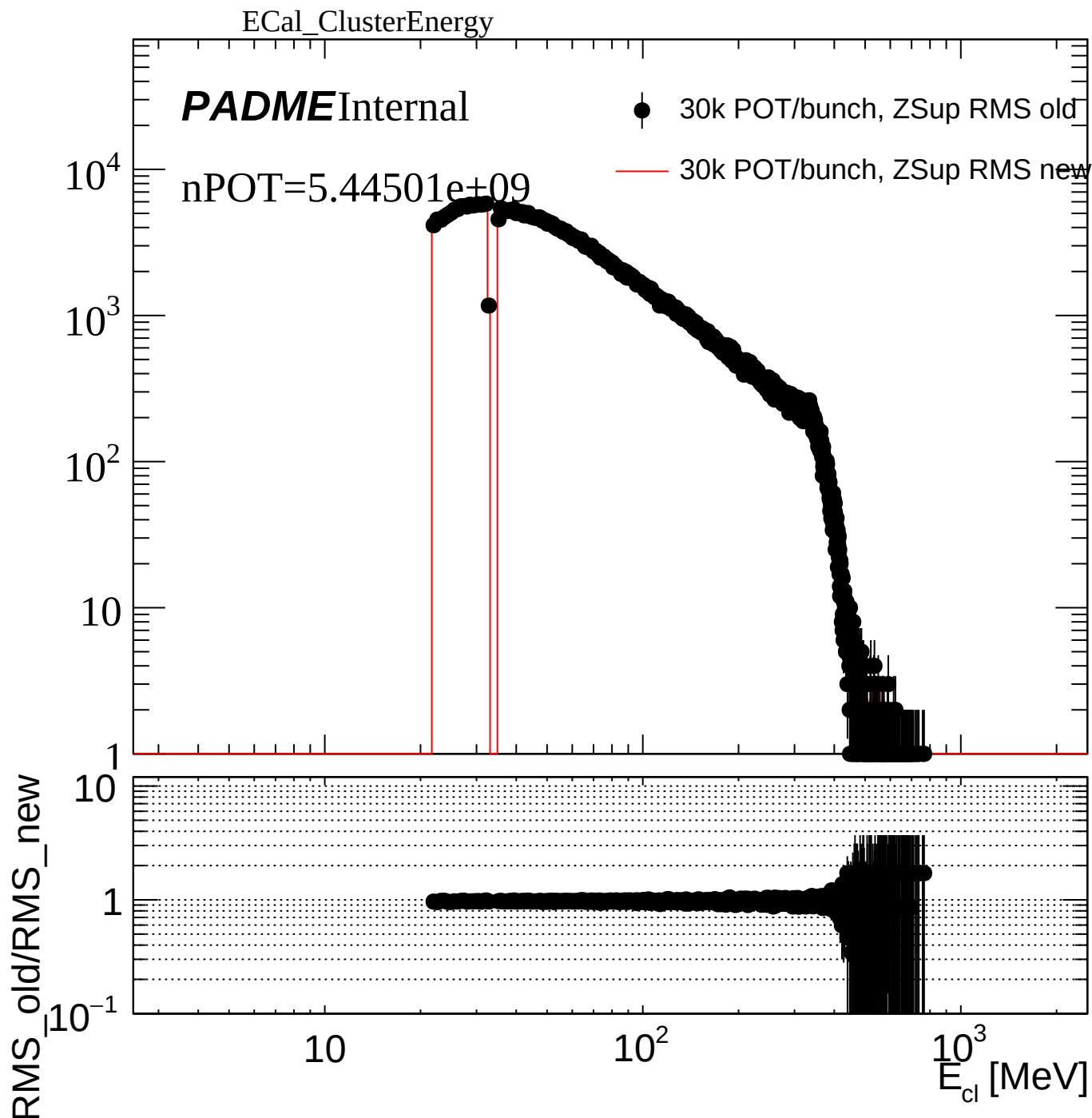










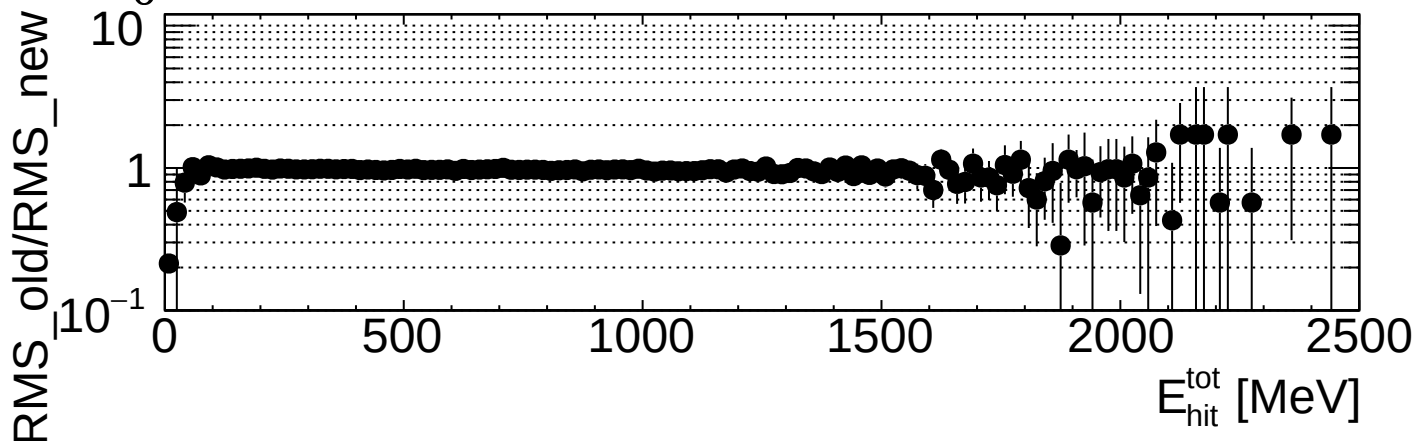
ECal_EHitTot

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



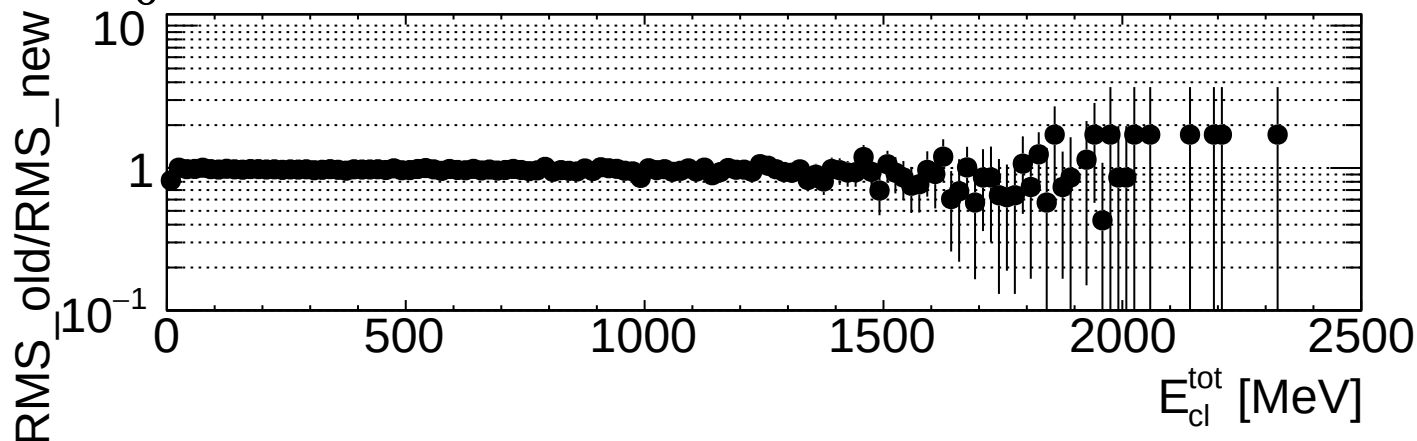
ECal_EClTot

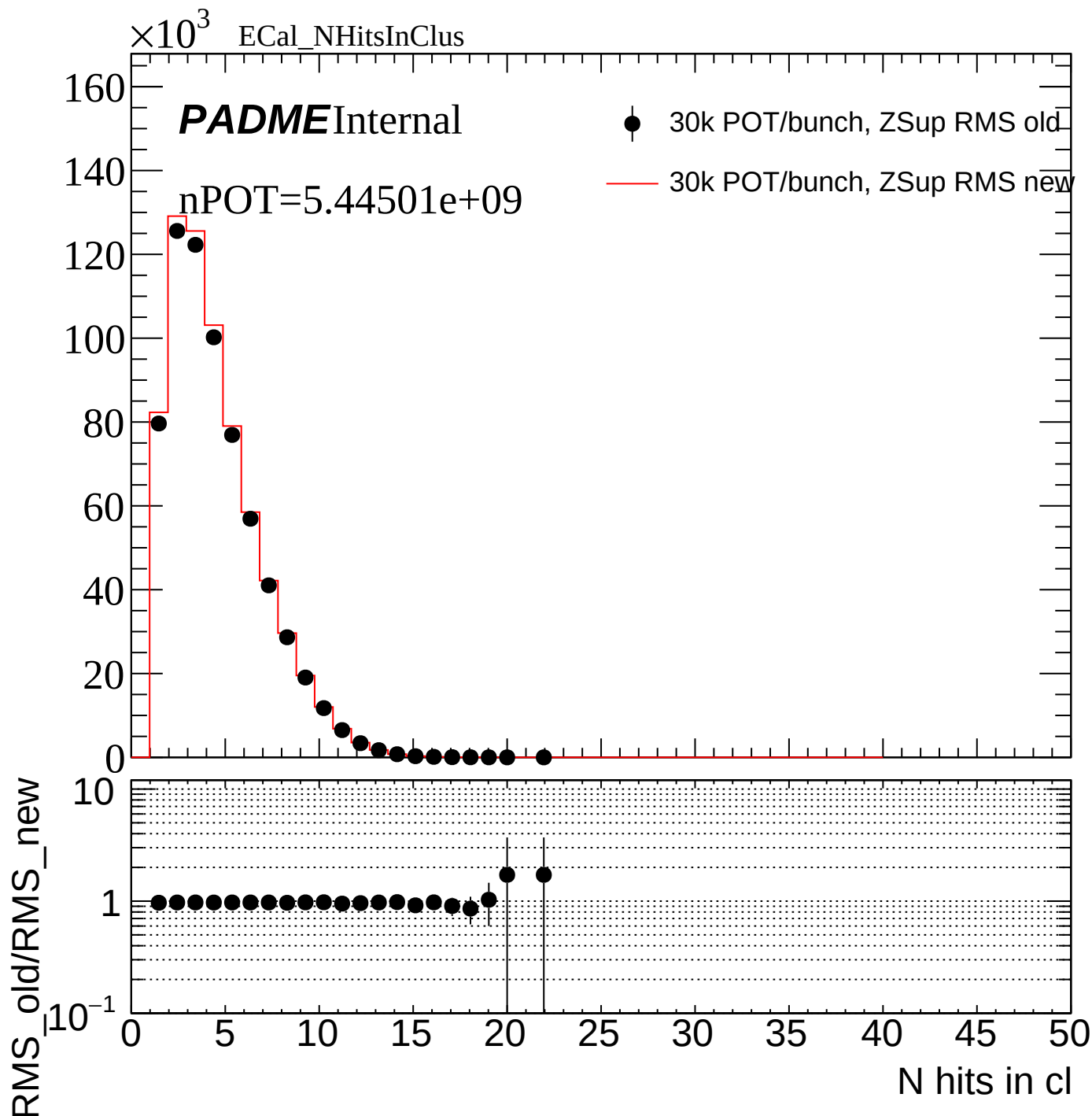
PADMEInternal

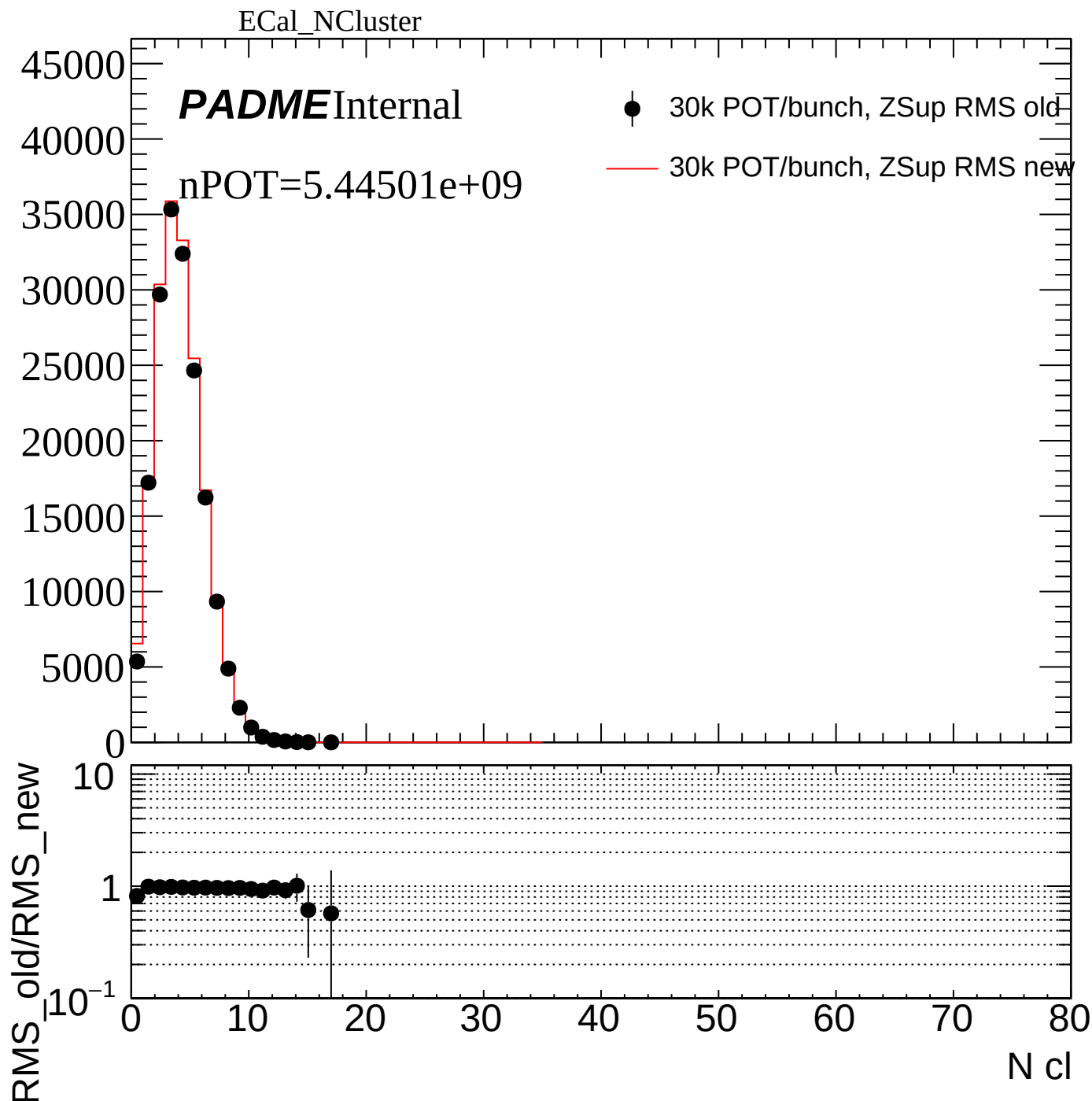
nPOT=5.44501e+09

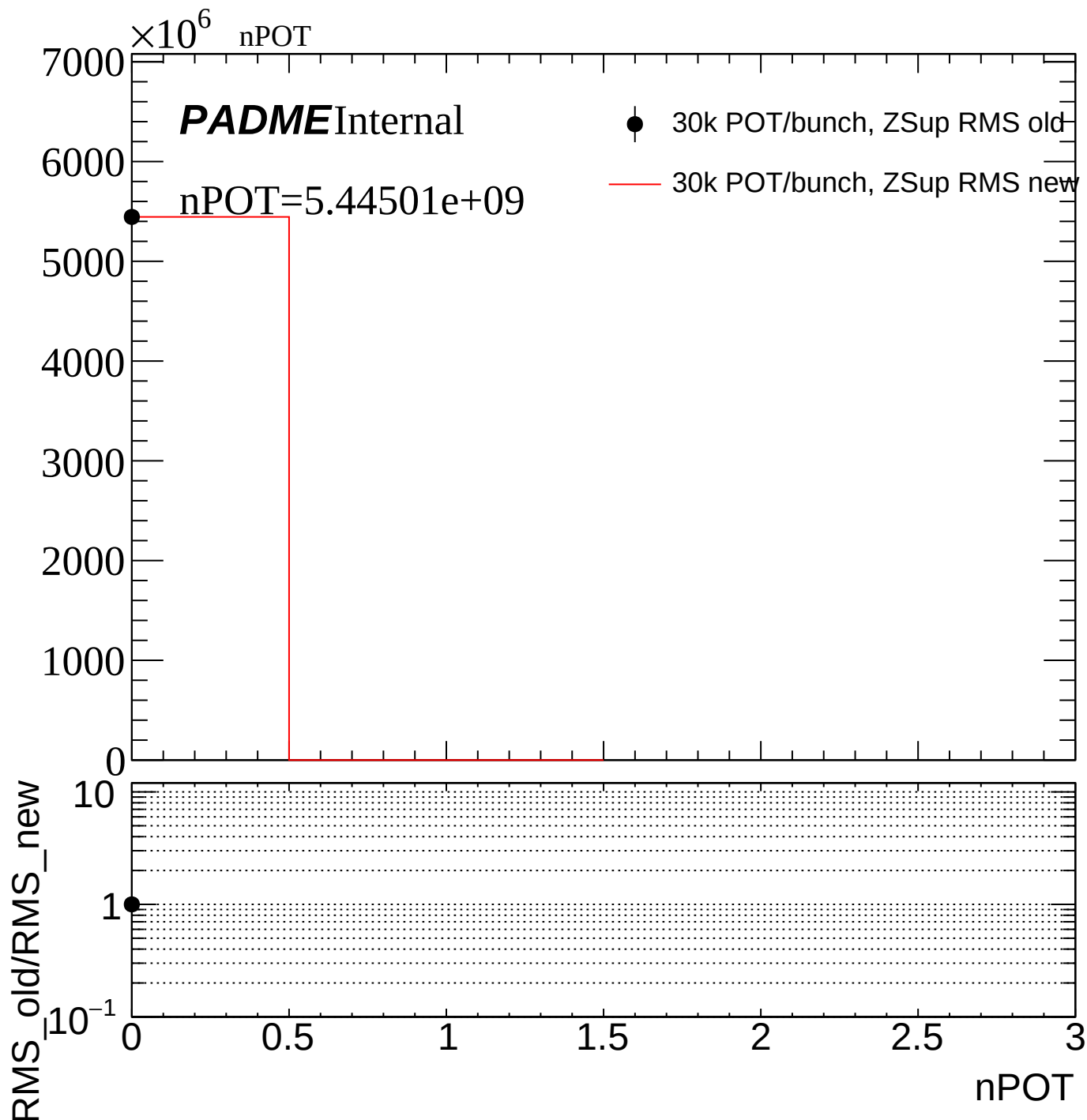
● 30k POT/bunch, ZSup RMS old

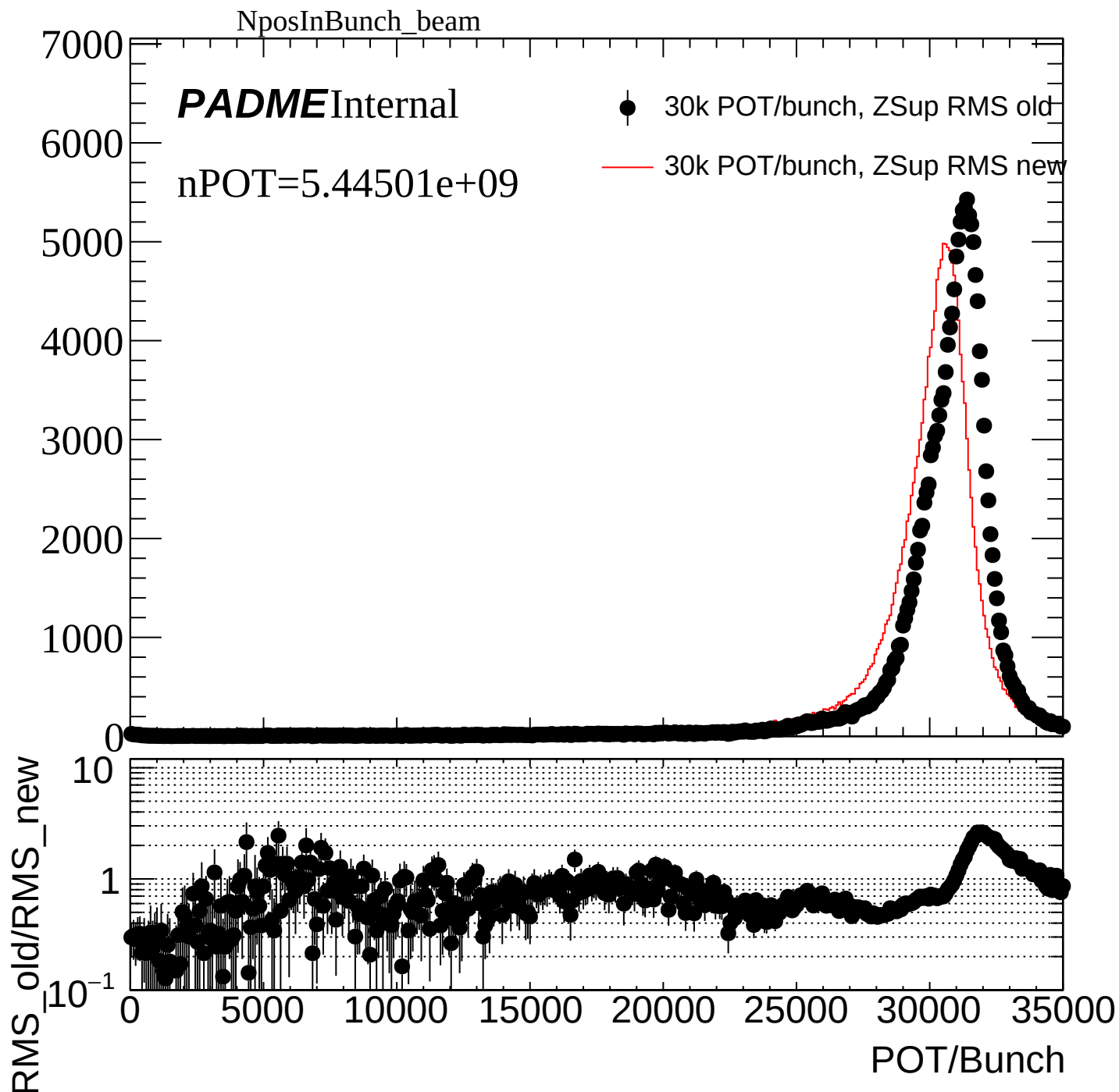
— 30k POT/bunch, ZSup RMS new









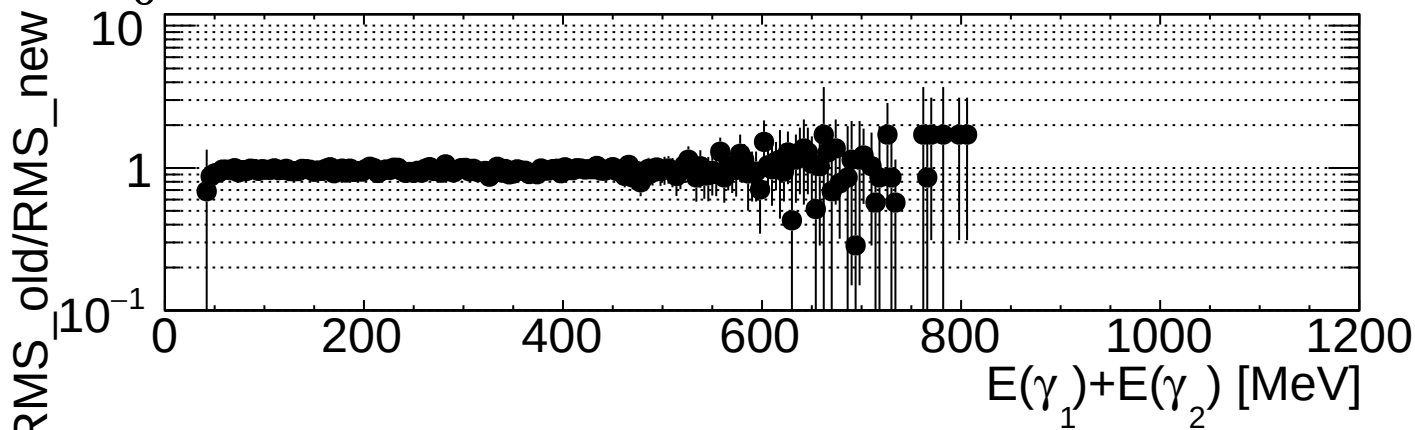


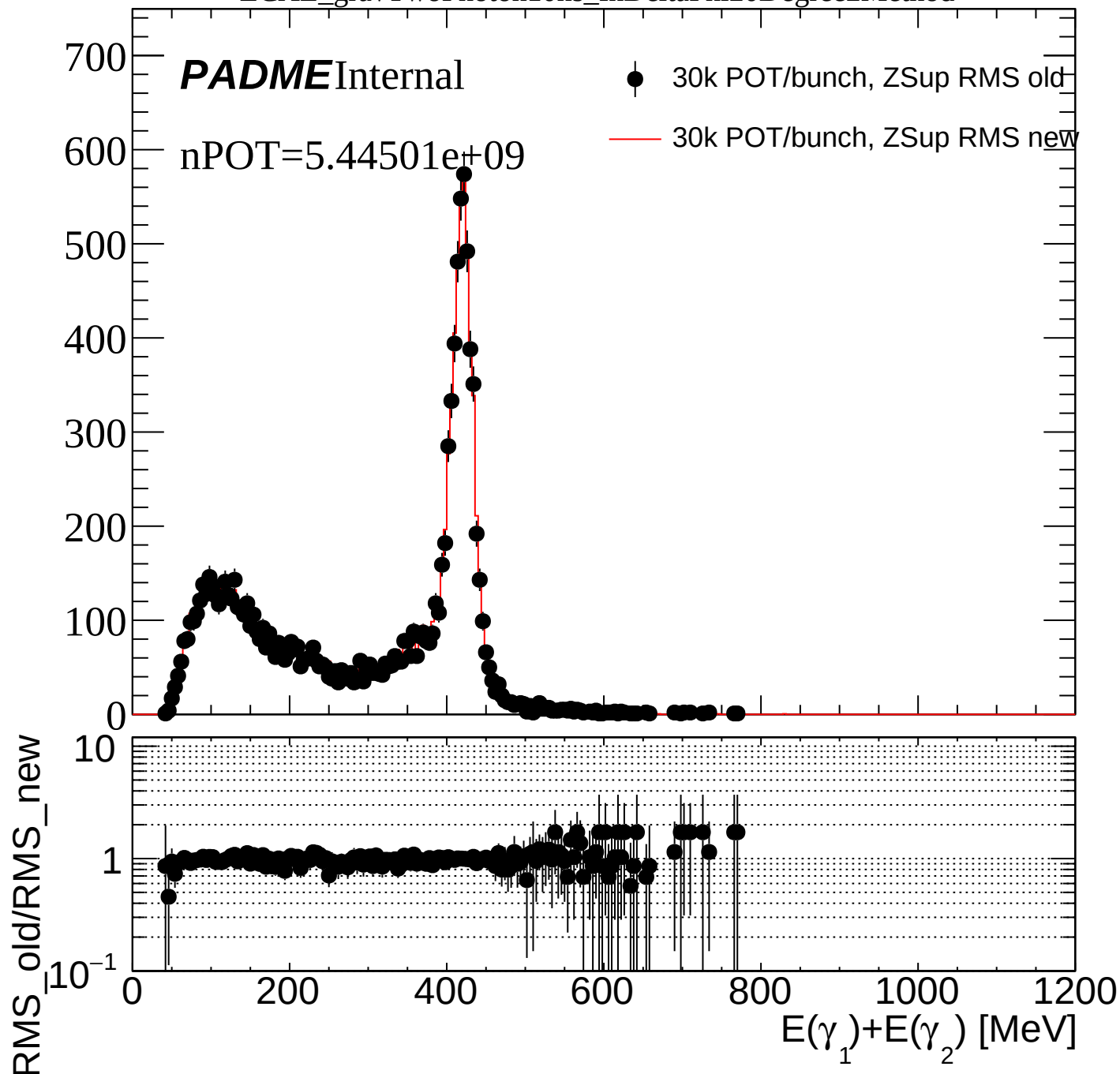
ECAL_twoPhotonInTime10ns

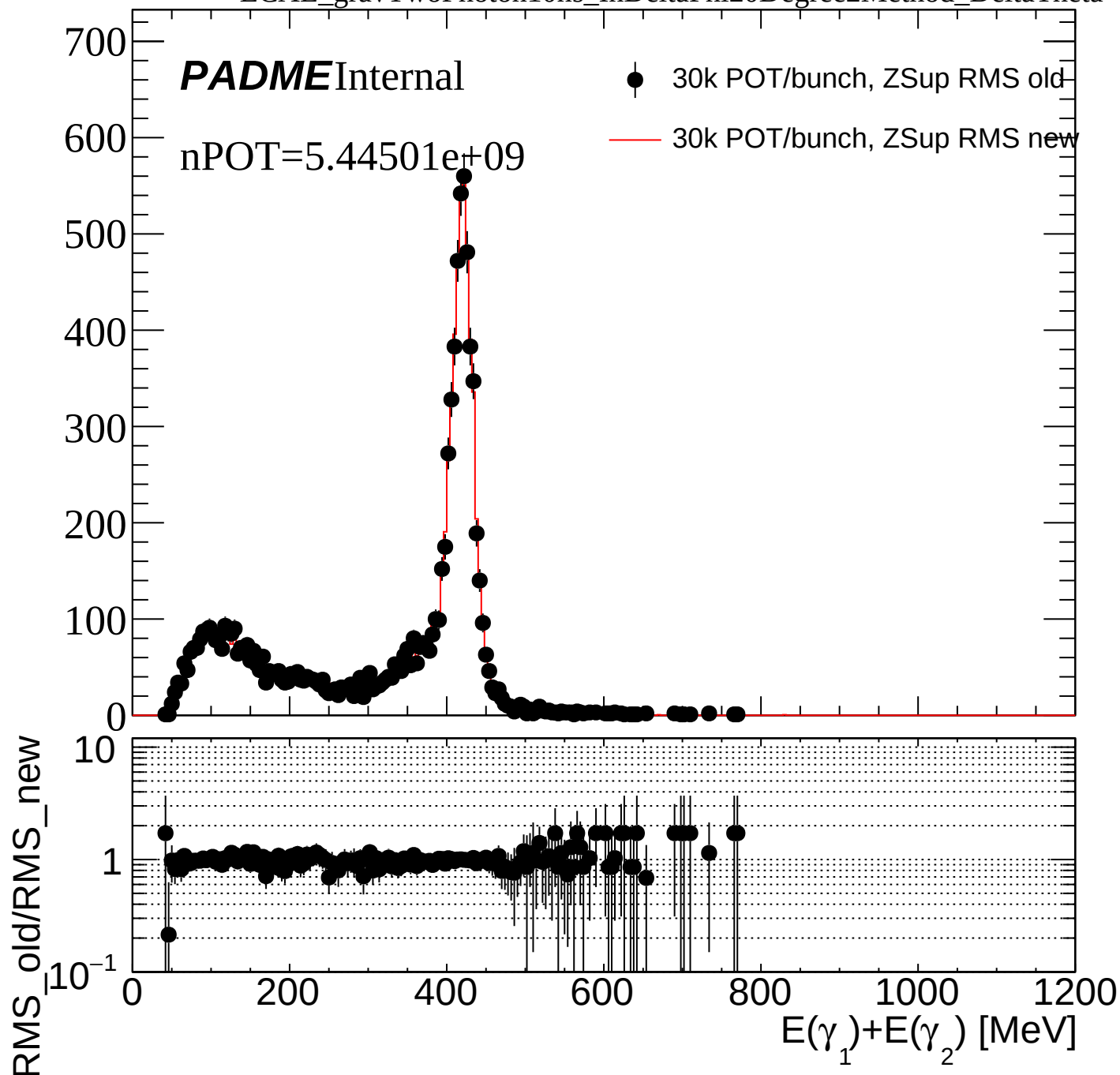
PADMEInternal

nPOT=5.44501e+09

- 30k POT/bunch, ZSup RMS old
- 30k POT/bunch, ZSup RMS new







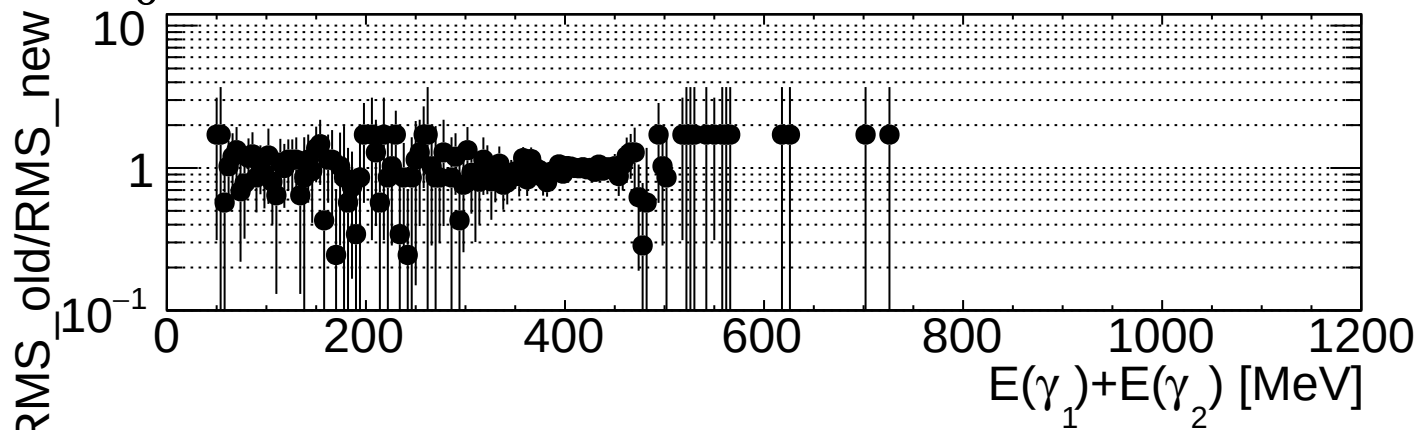
ECAL_gravTwoPhoton10ns1cm

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



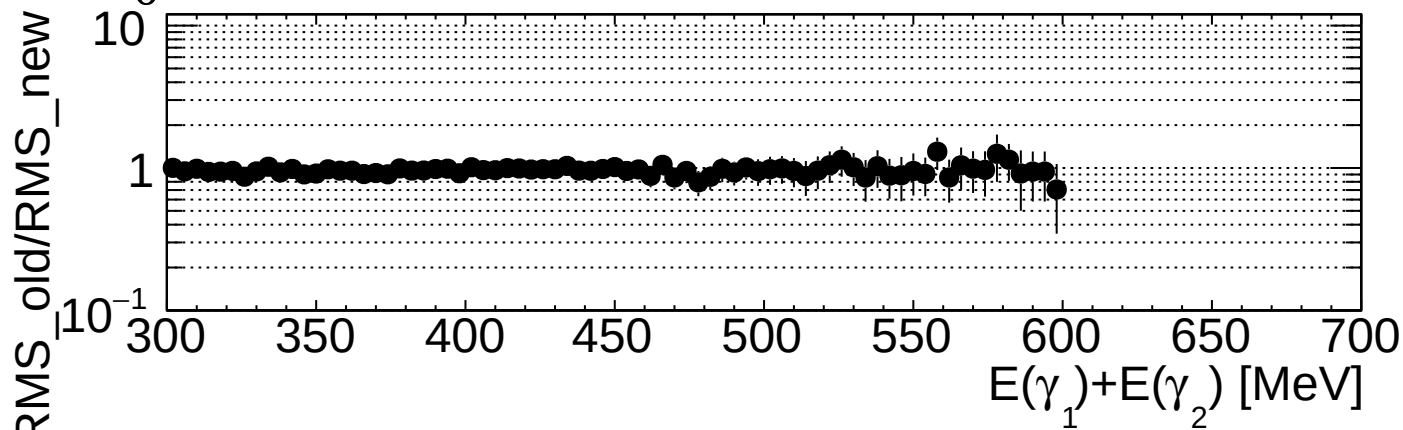
ECAL_twoPhotonInTime10nsUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



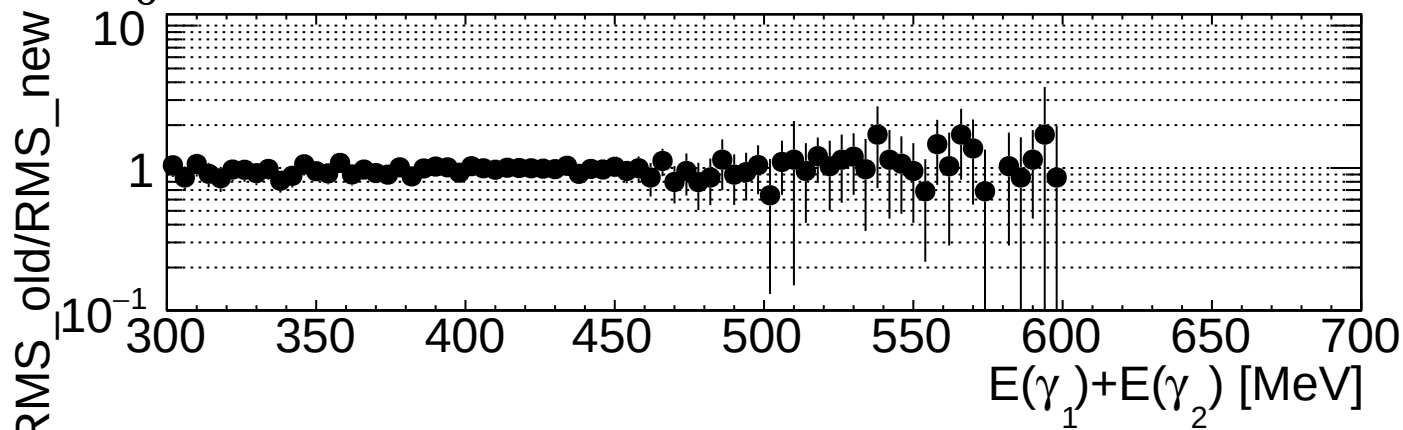
ECAL_twoPhotonInTime10ns20DegreeUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



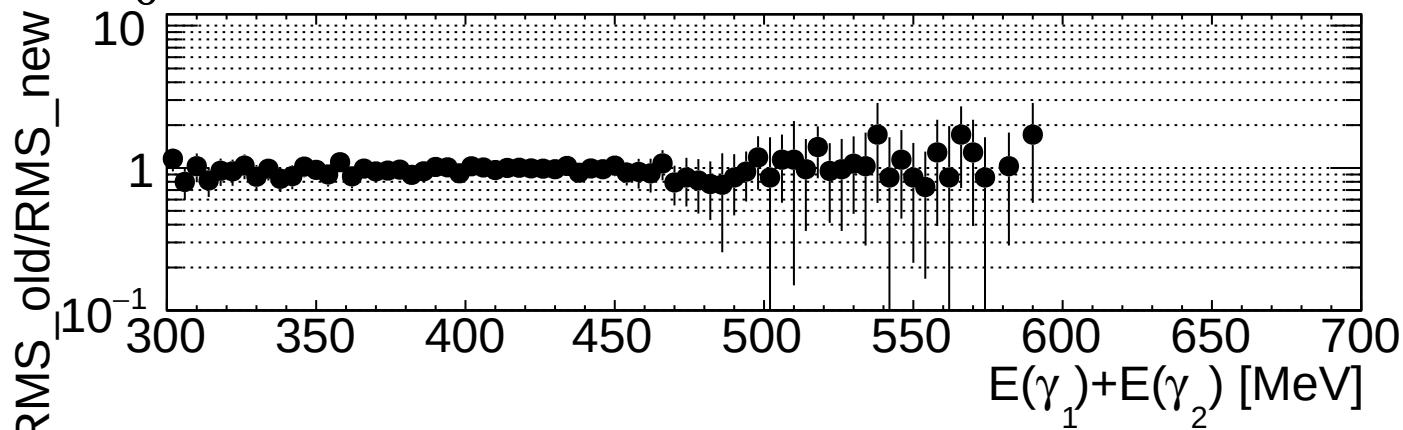
ECAL_twoPhotonInTime10ns20DegreeDeltaThetaUnderPeak

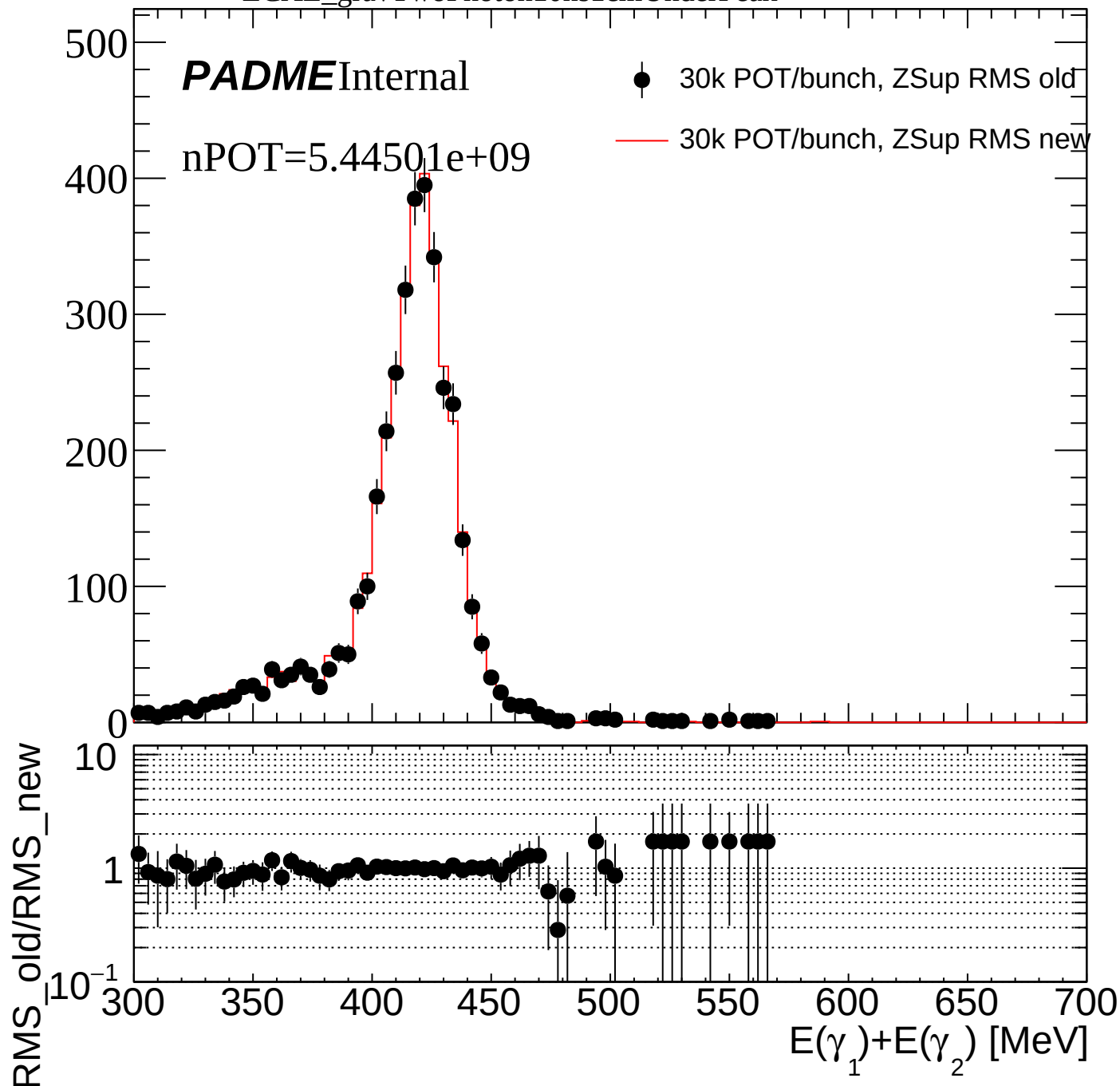
PADMEInternal

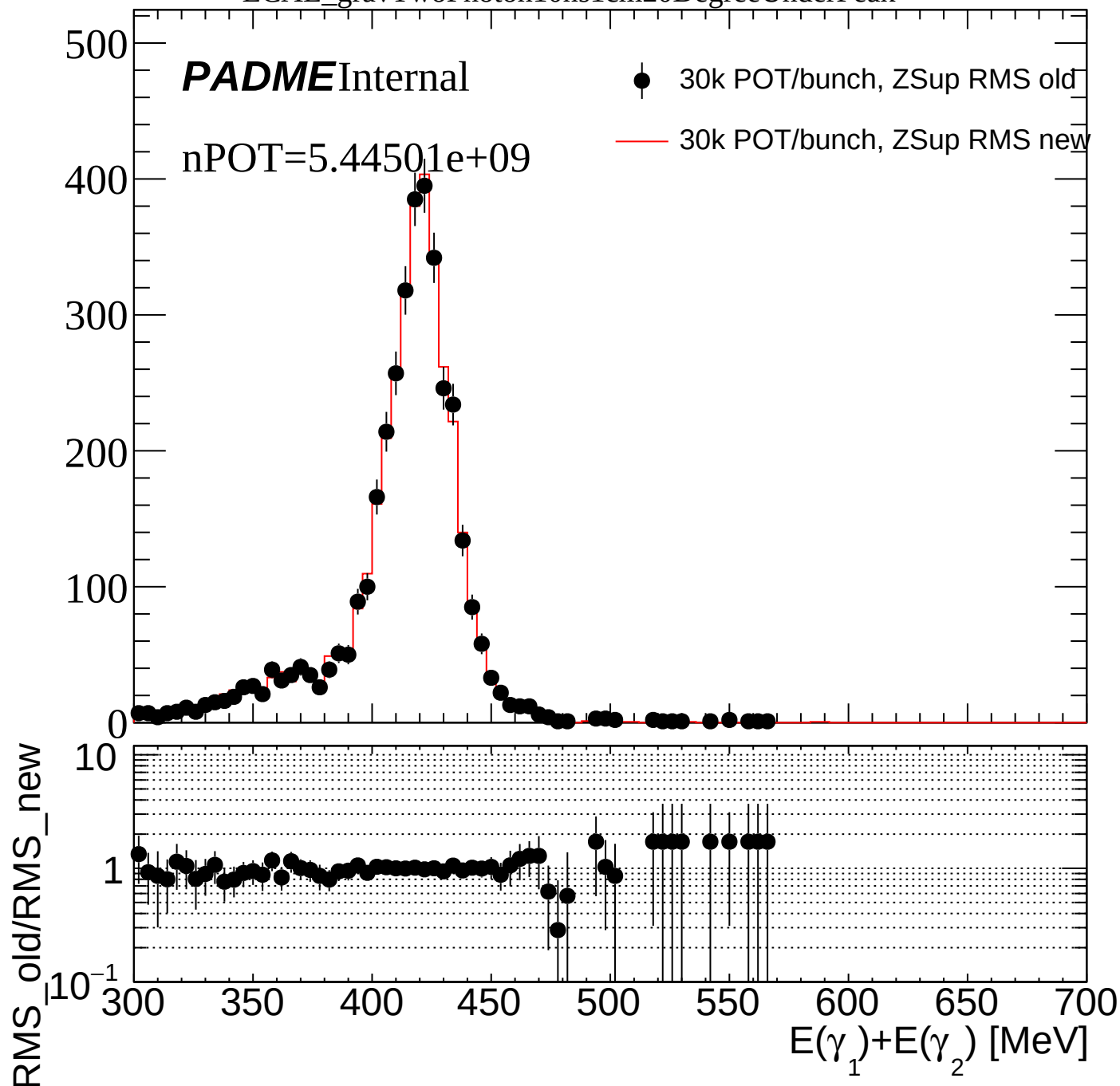
nPOT=5.44501e+09

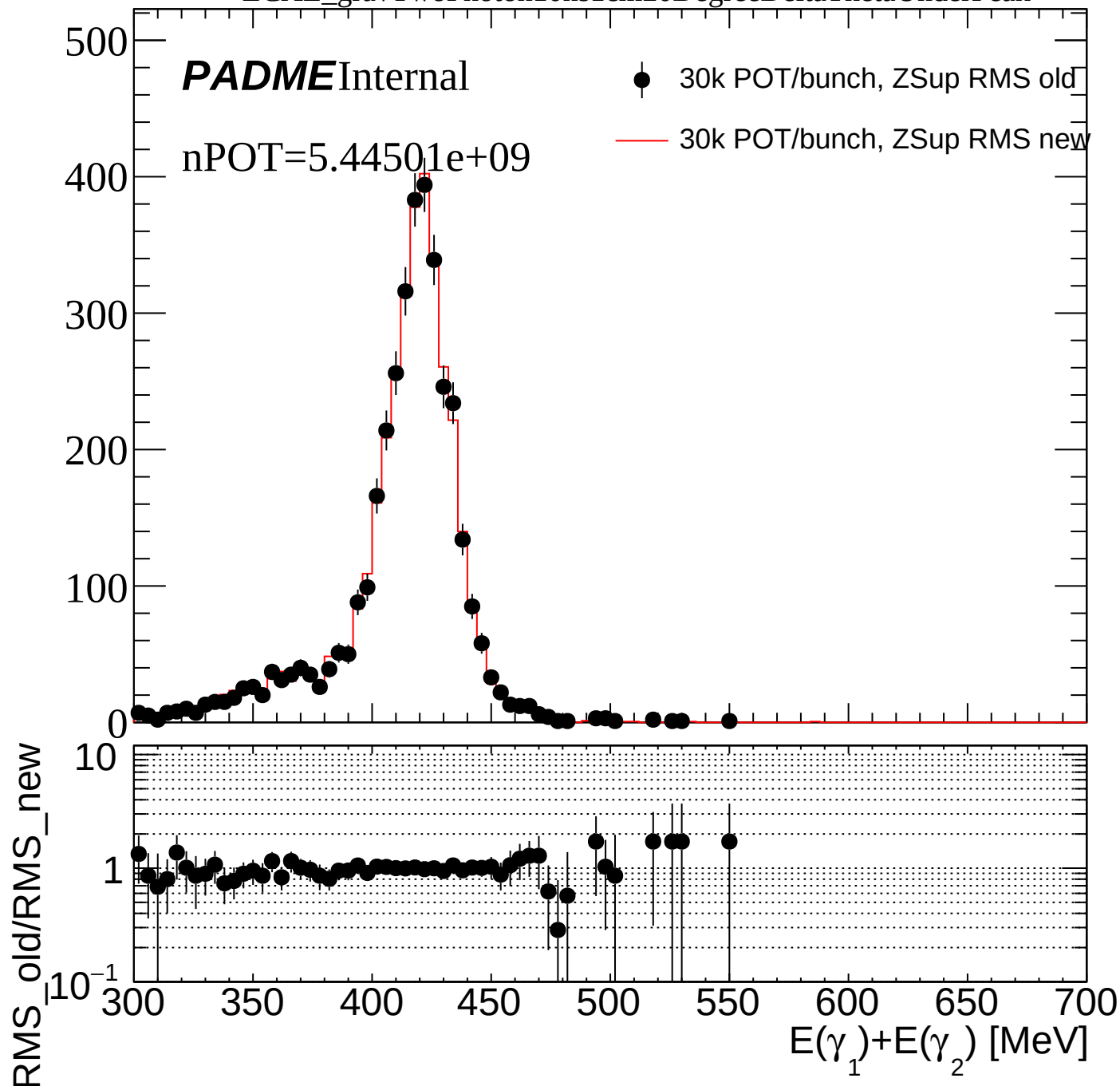
● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new









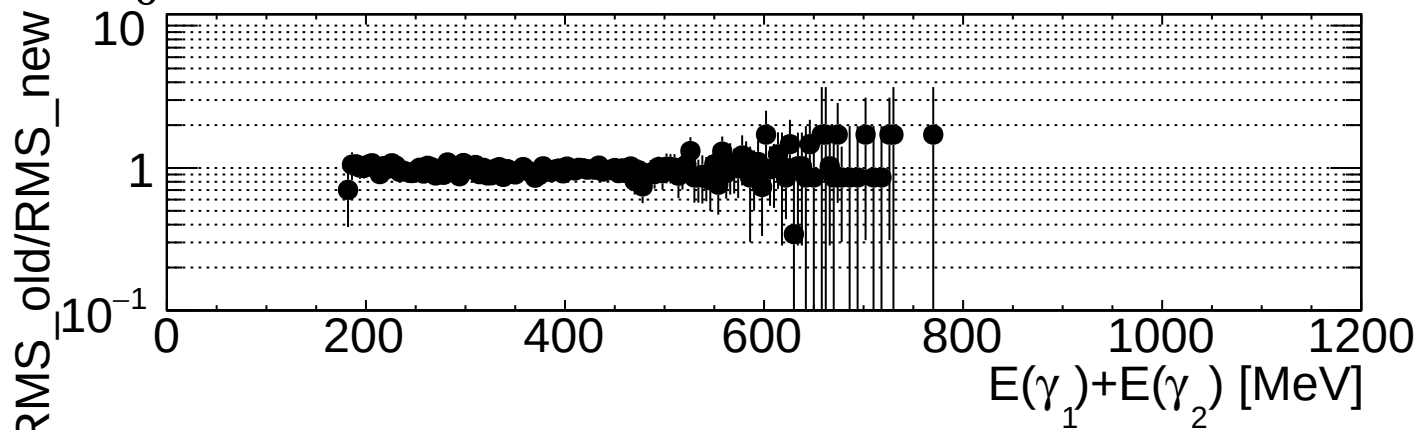
ECAL_twoPhotonInTime10nsEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



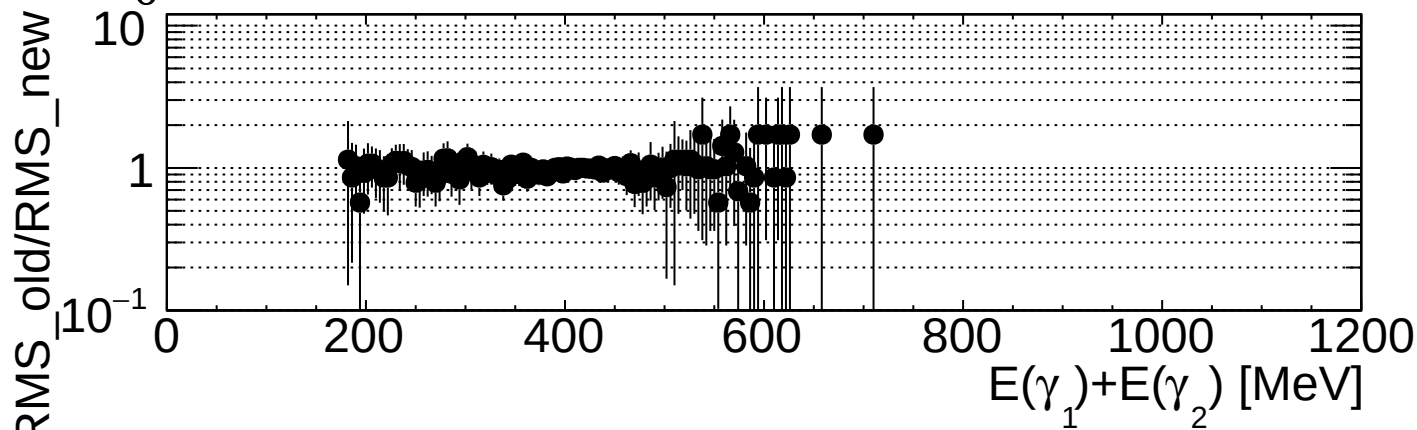
ECAL_twoPhotonInTime10ns20DegreeEThr90

PADME Internal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



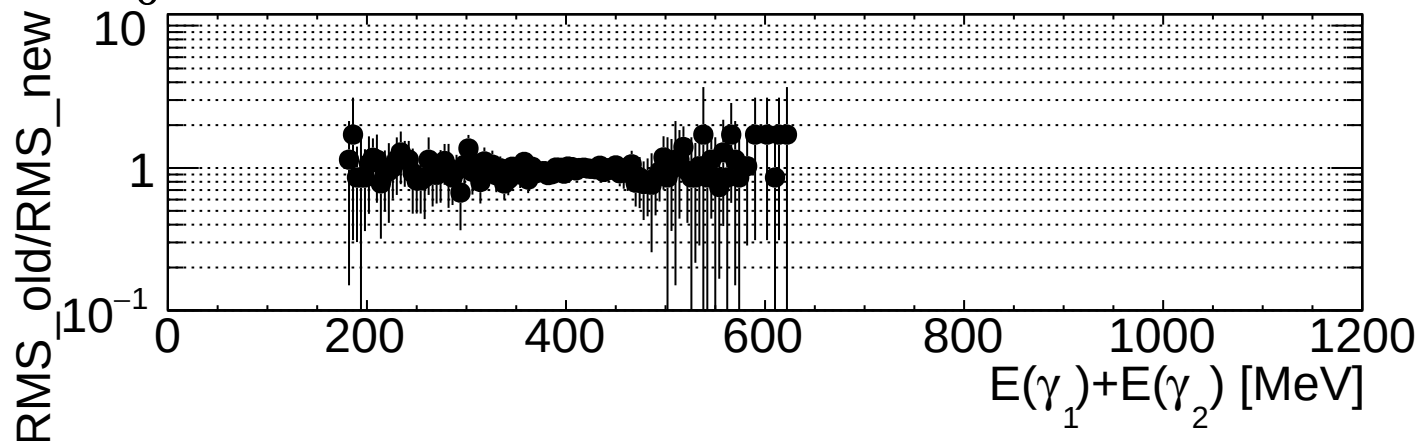
ECAL_twoPhotonInTime10ns20DegreeDeltaThetaEThr90

PADME Internal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



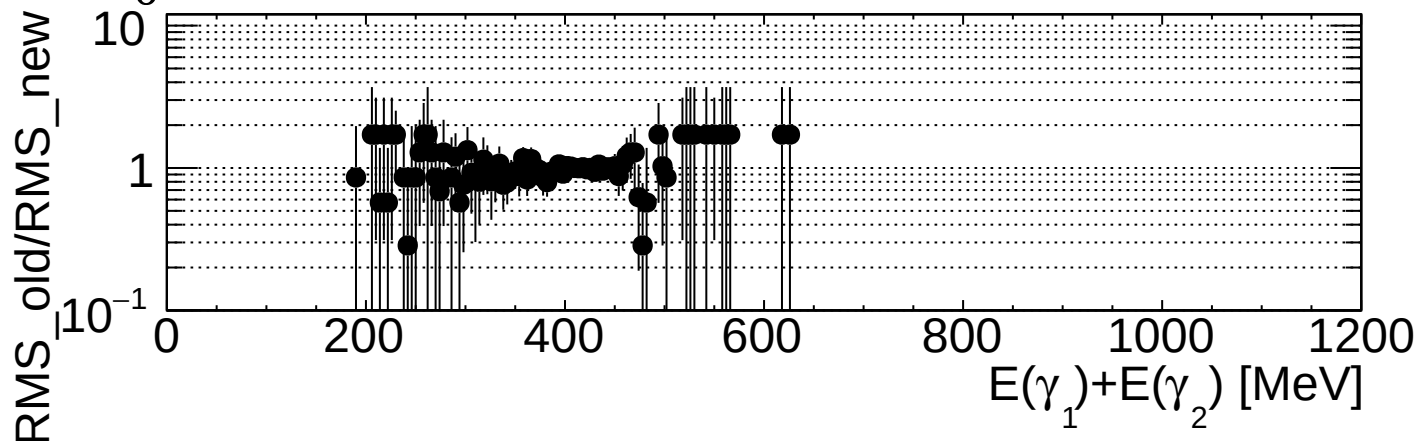
ECAL_gravTwoPhoton10ns1cmEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



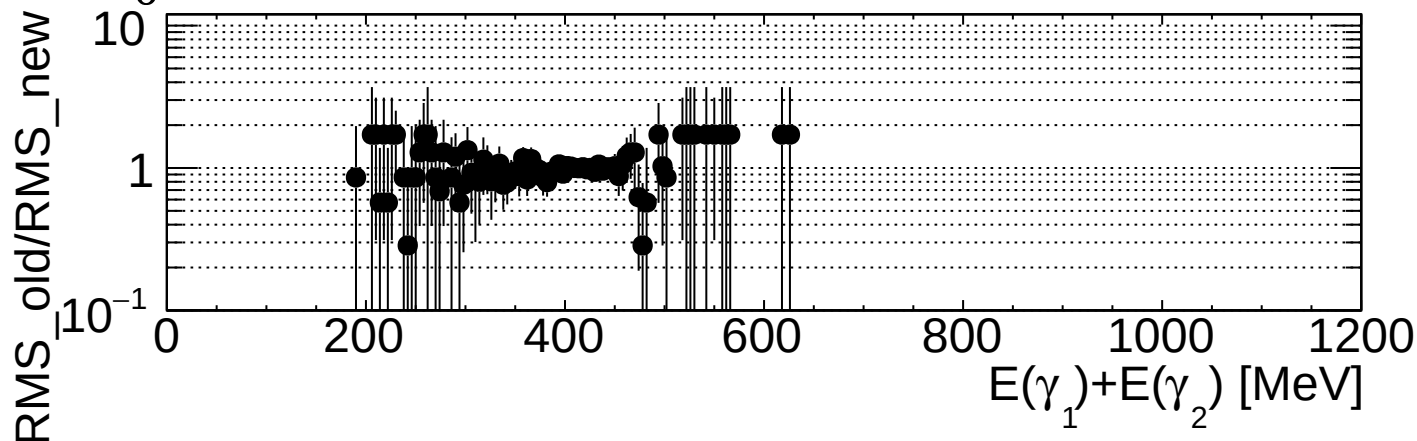
ECAL_gravTwoPhoton10ns1cm20DegreeEThr90

PADME Internal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_gravTwoPhoton10ns1cm20DegreeDeltaThetaEThr90

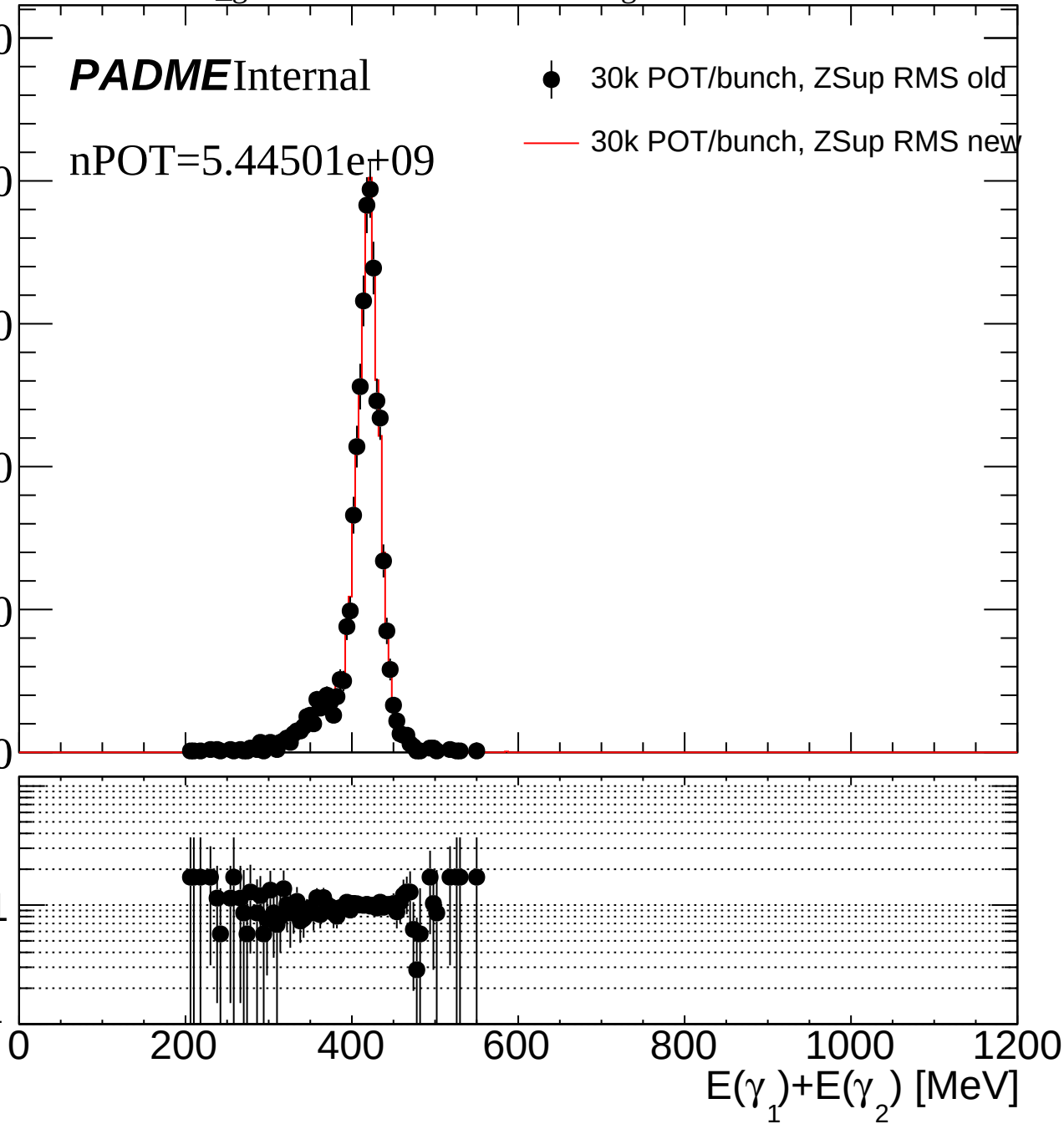
PADME Internal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

RMS_old/RMS_new



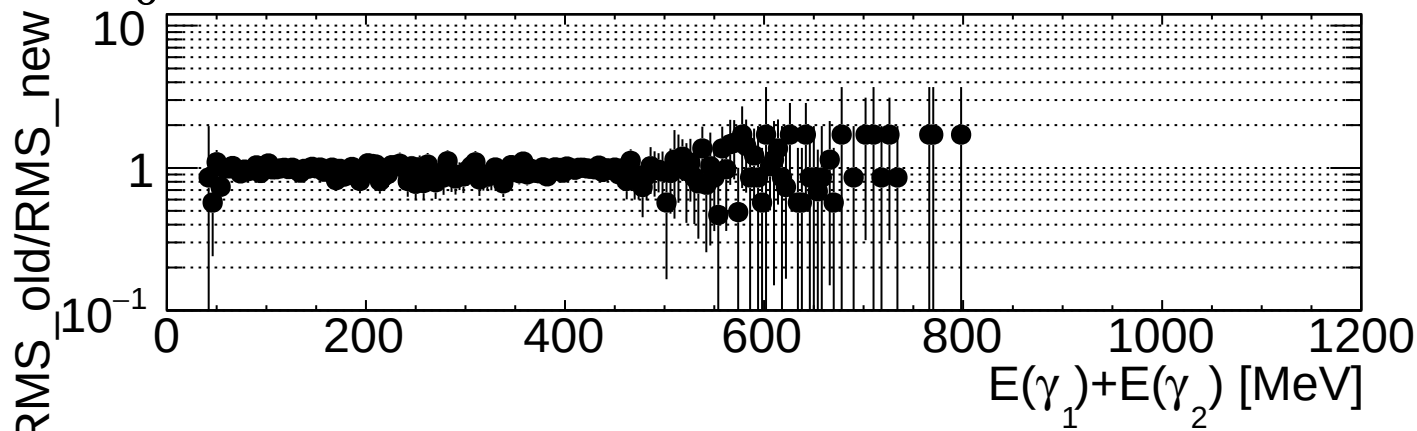
ECAL_gravTwoPhoton10ns5cm

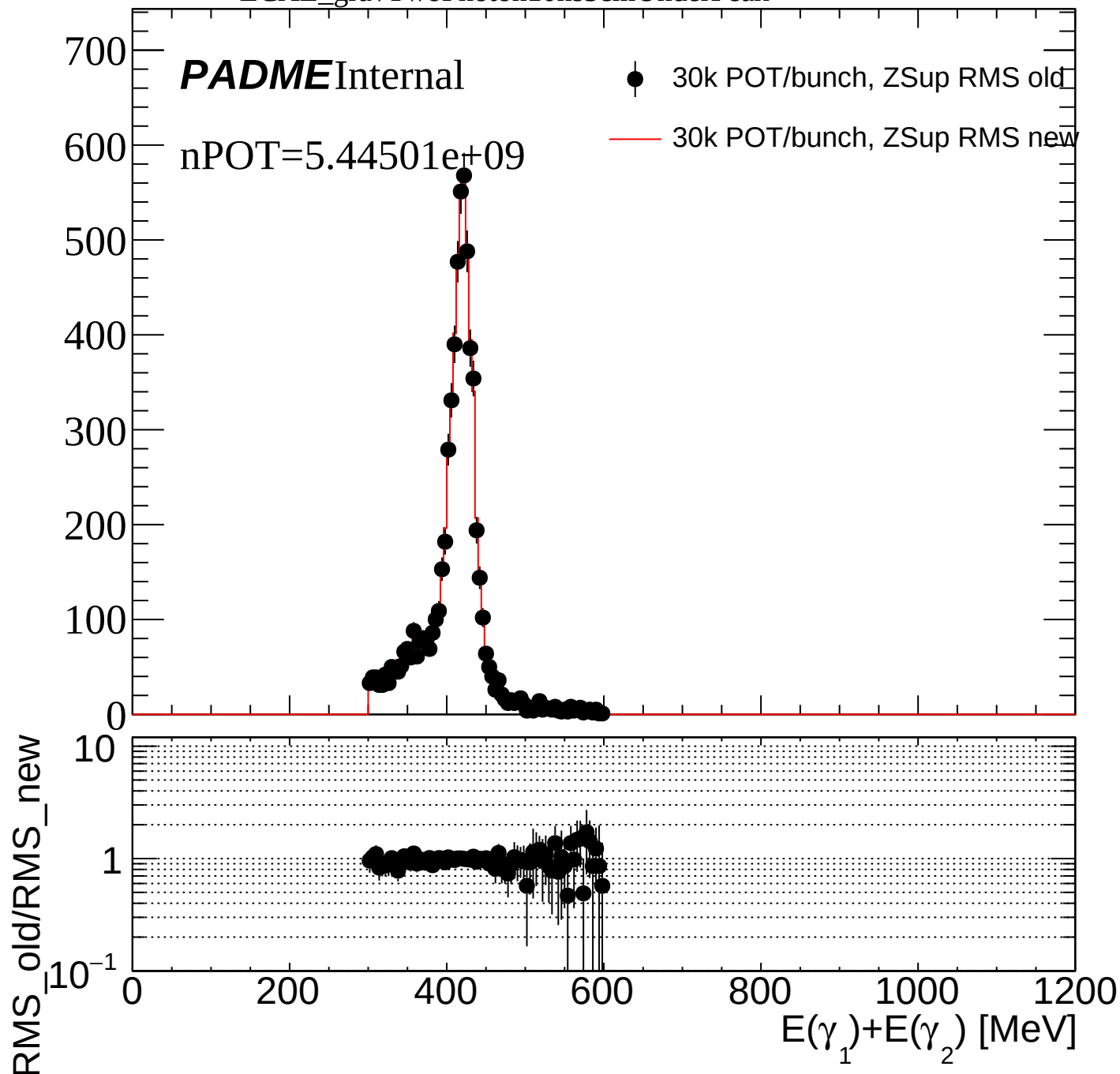
PADME Internal

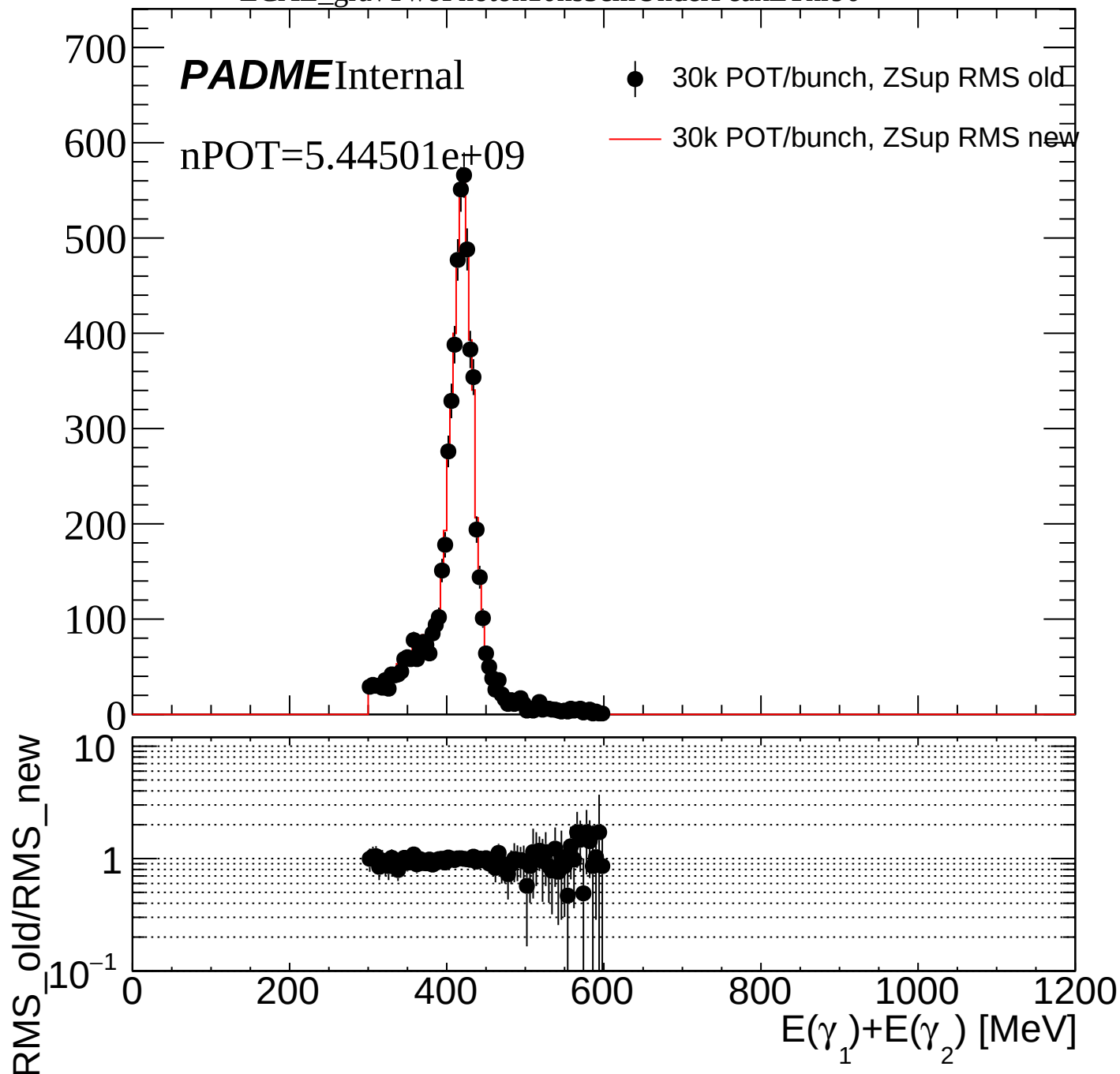
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





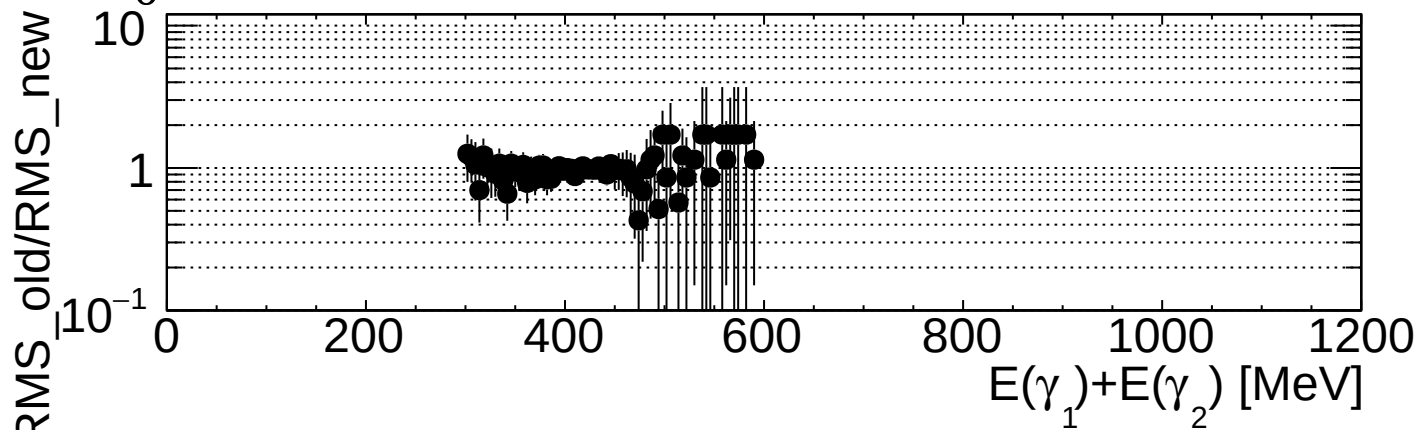


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

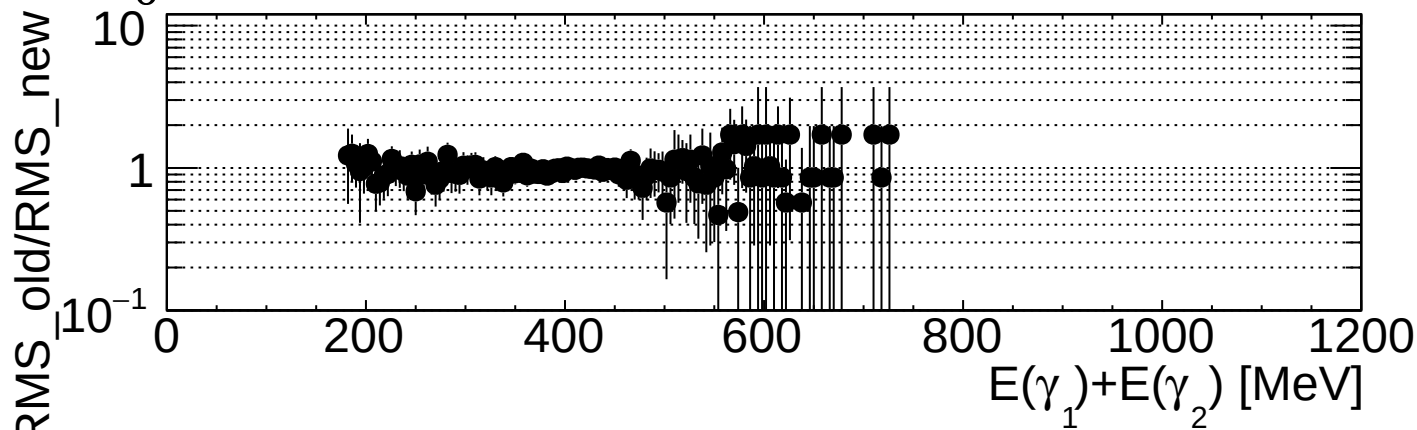


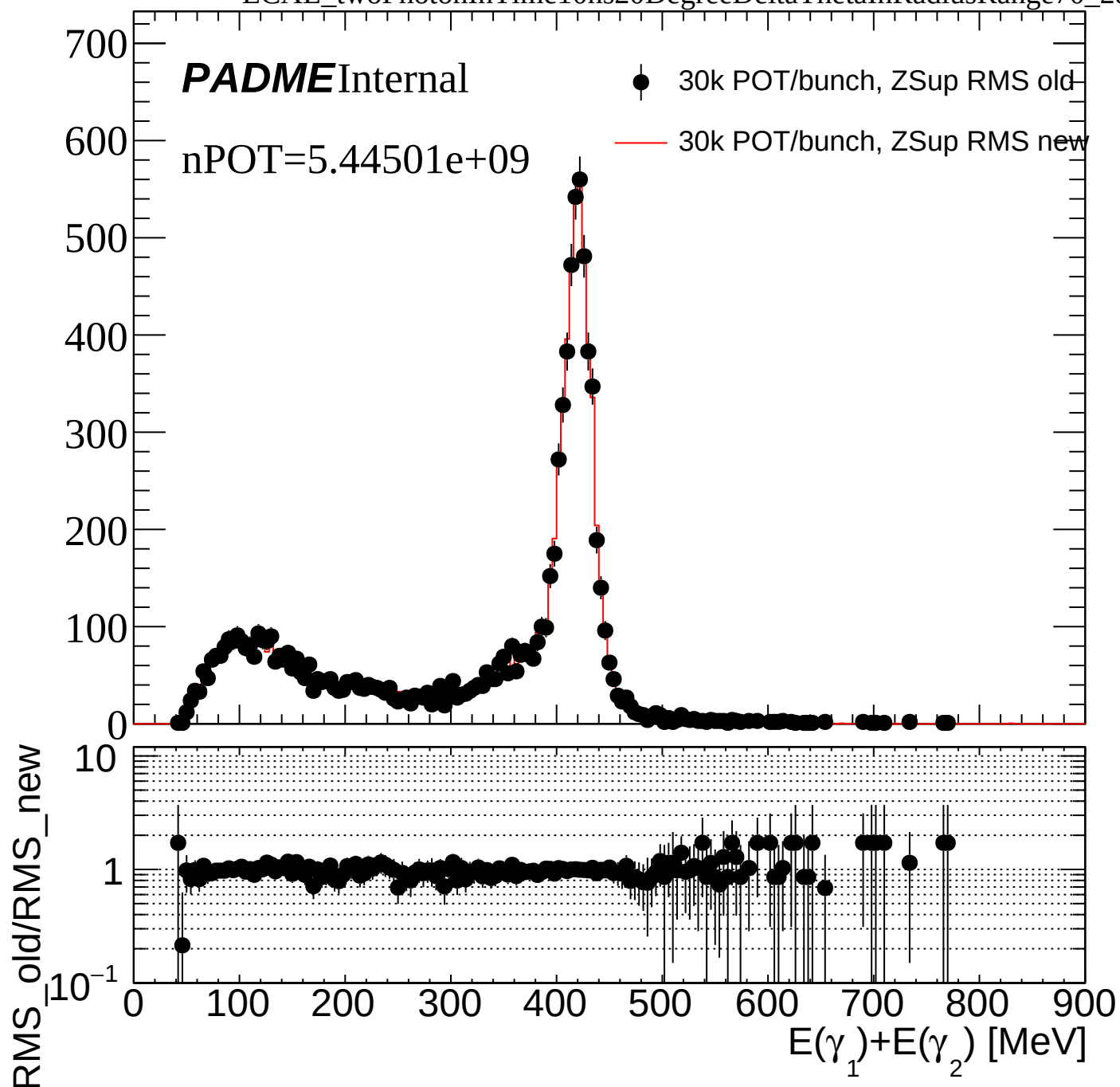
PADME Internal

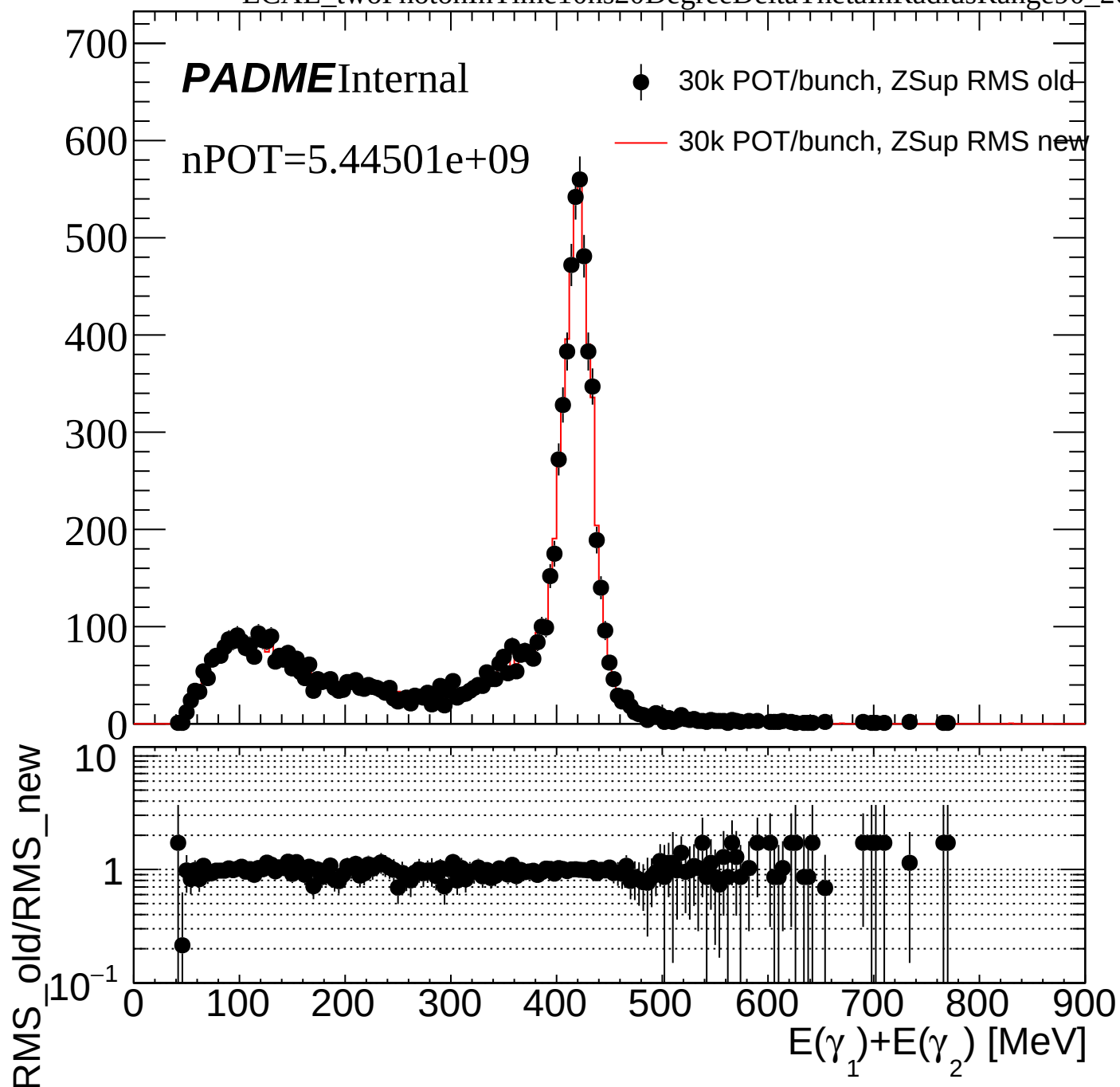
nPOT=5.44501e+09

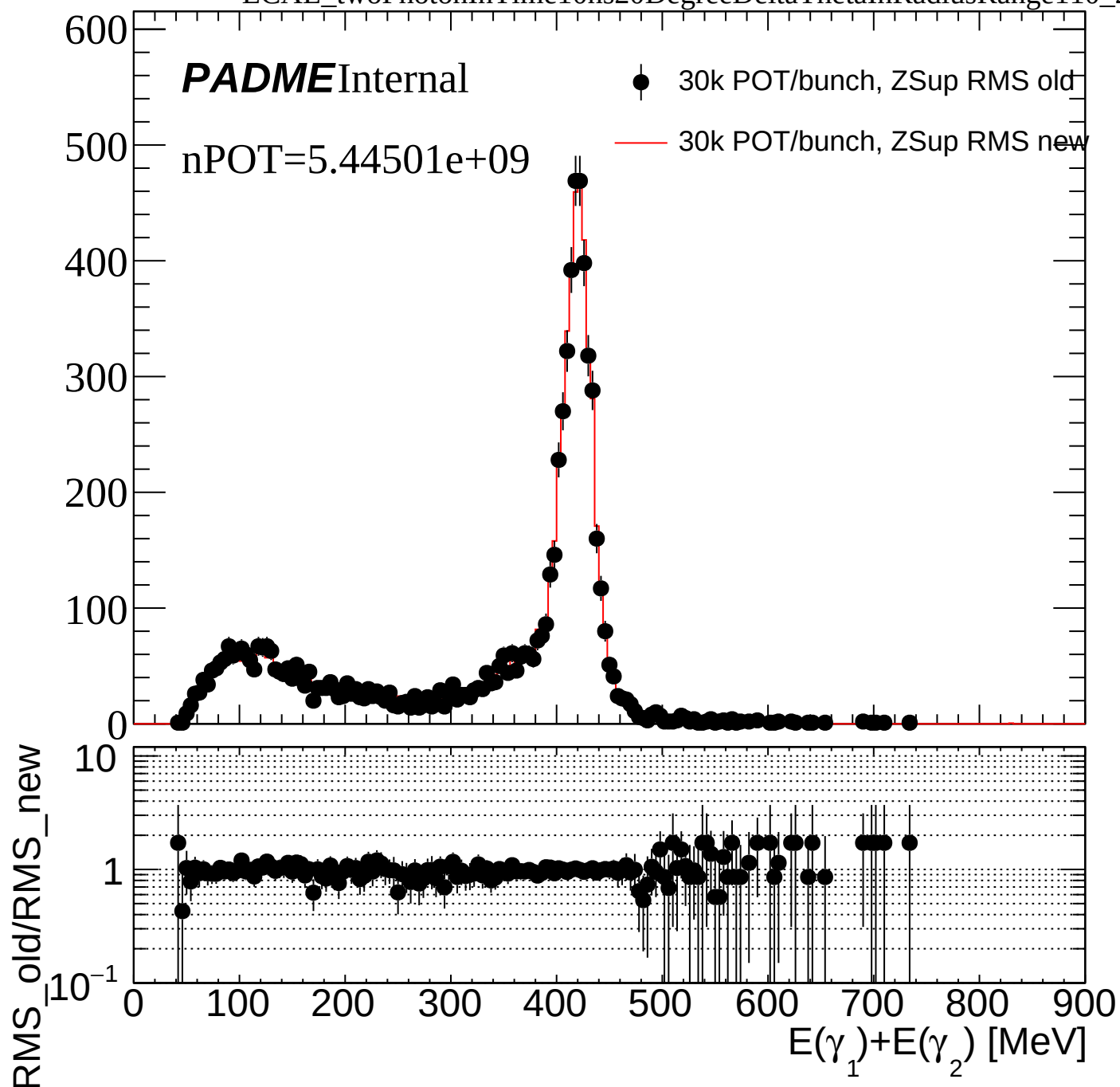
● 30k POT/bunch, ZSup RMS old

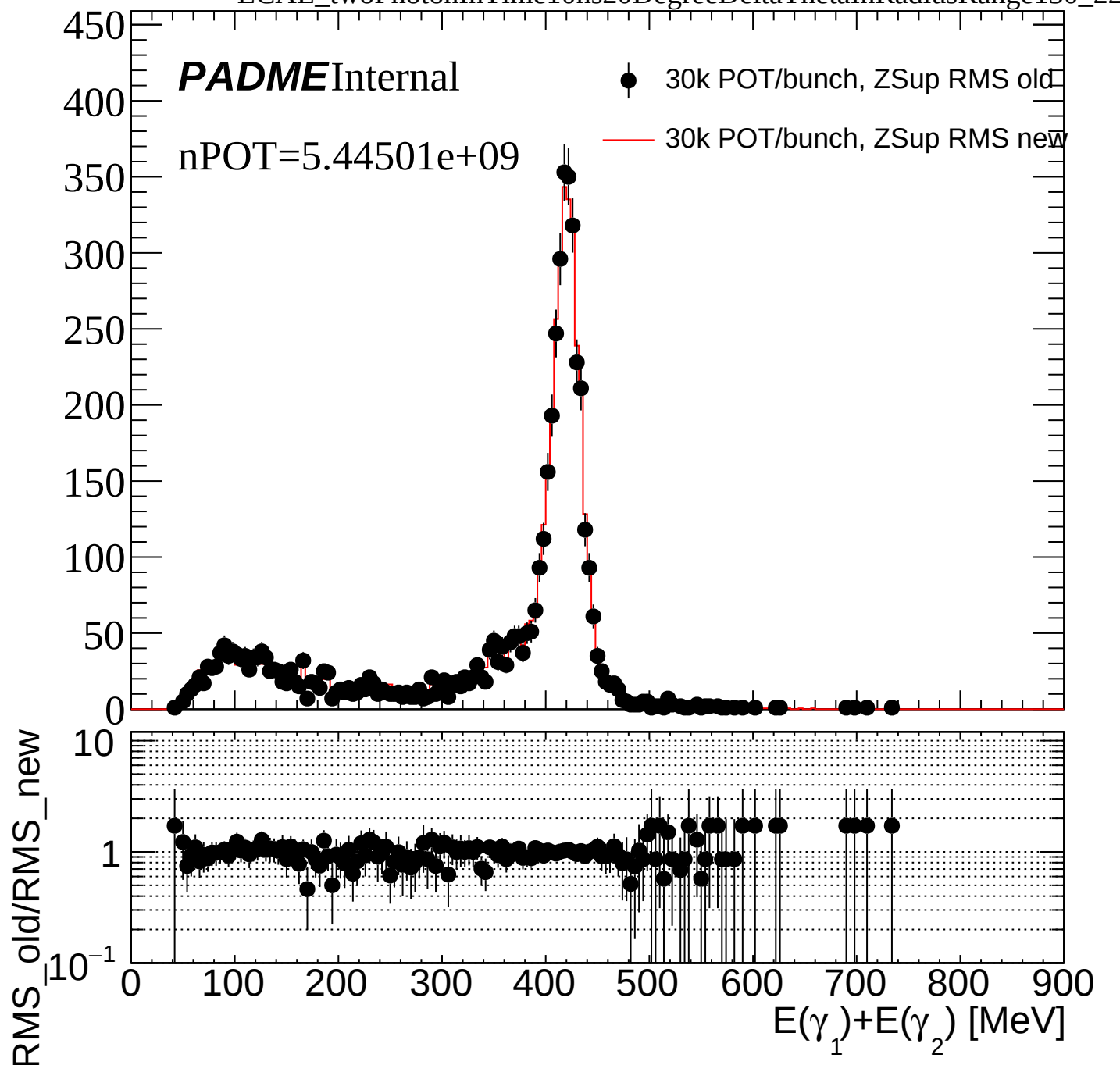
— 30k POT/bunch, ZSup RMS new

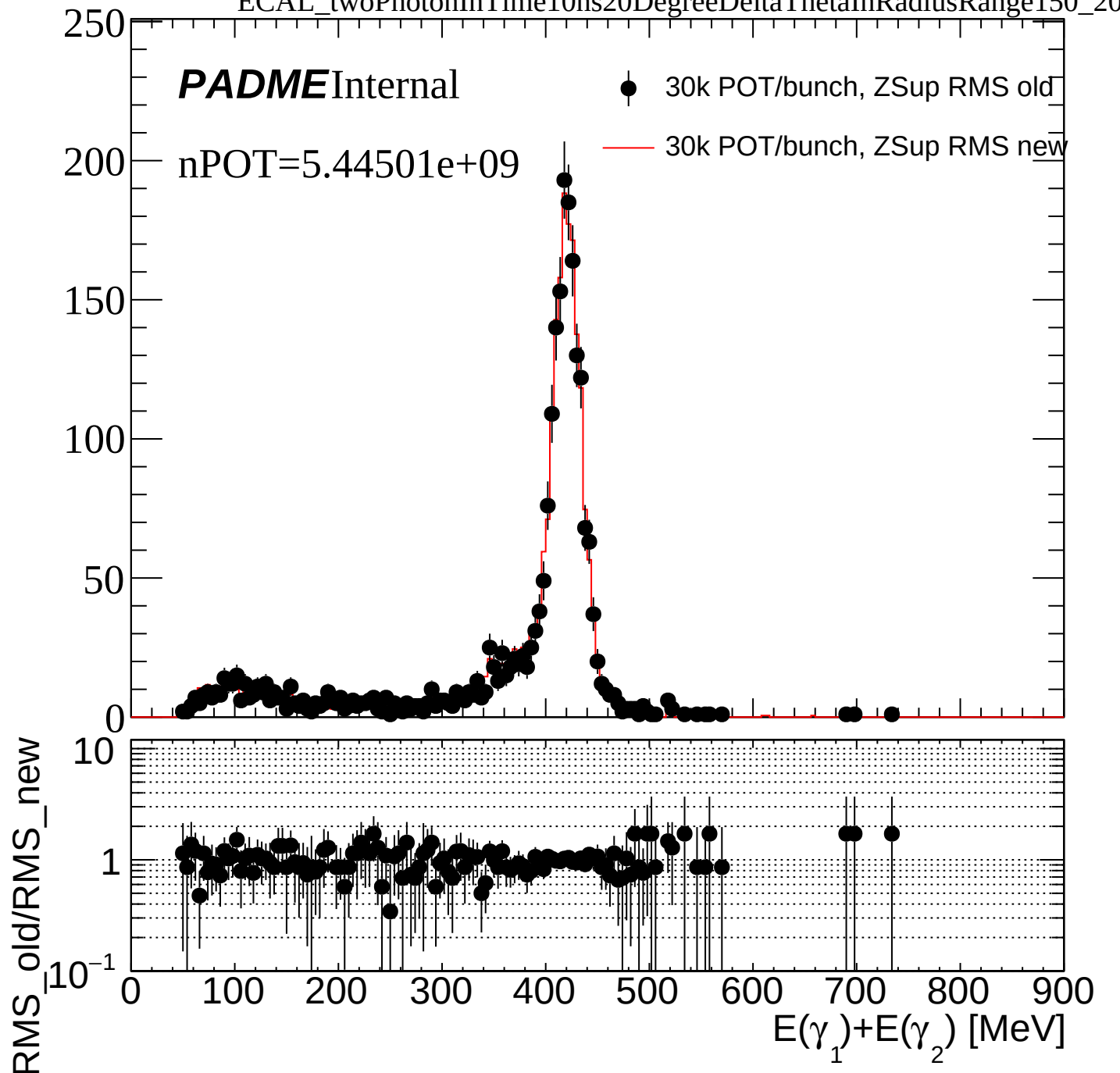


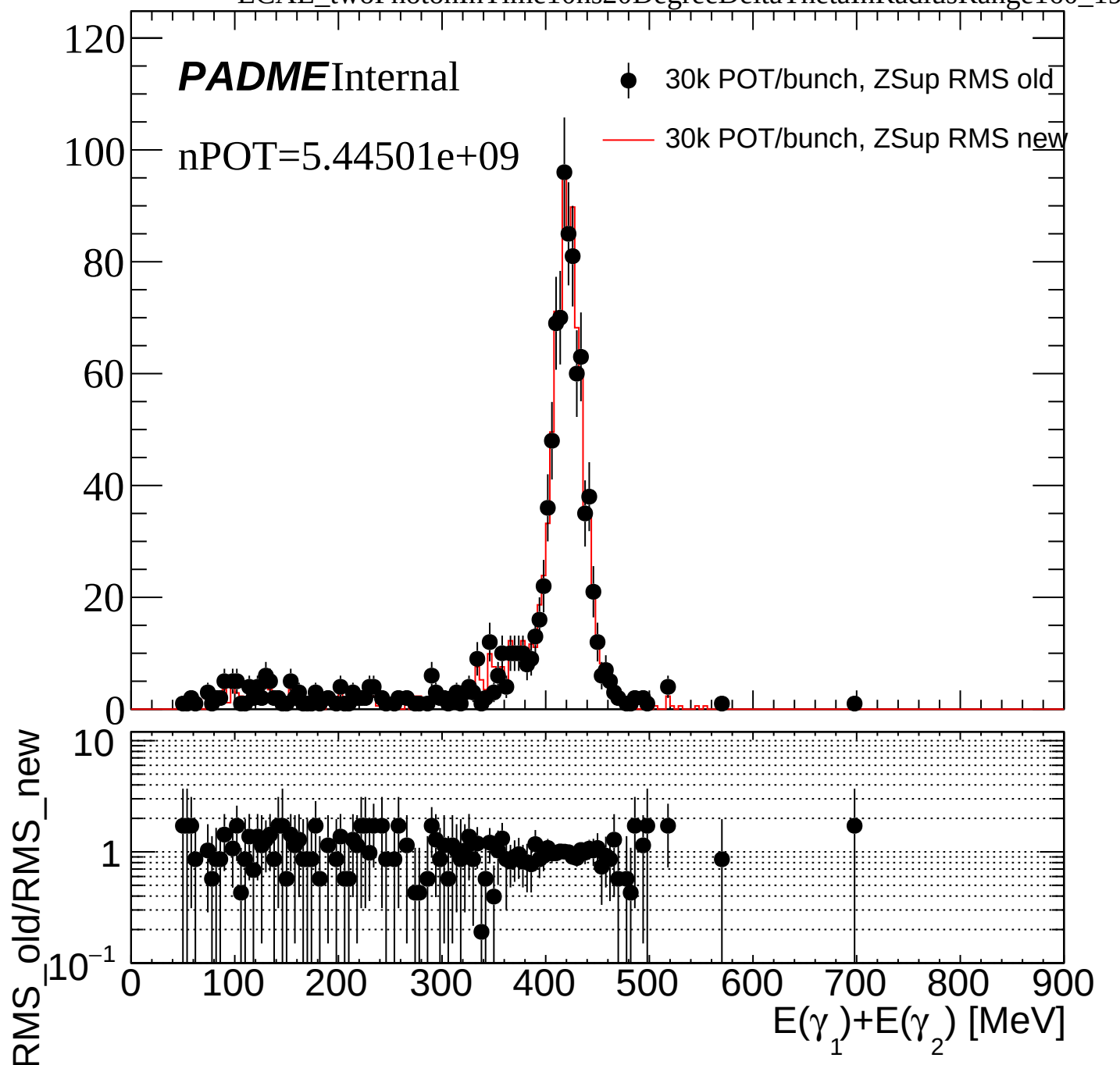


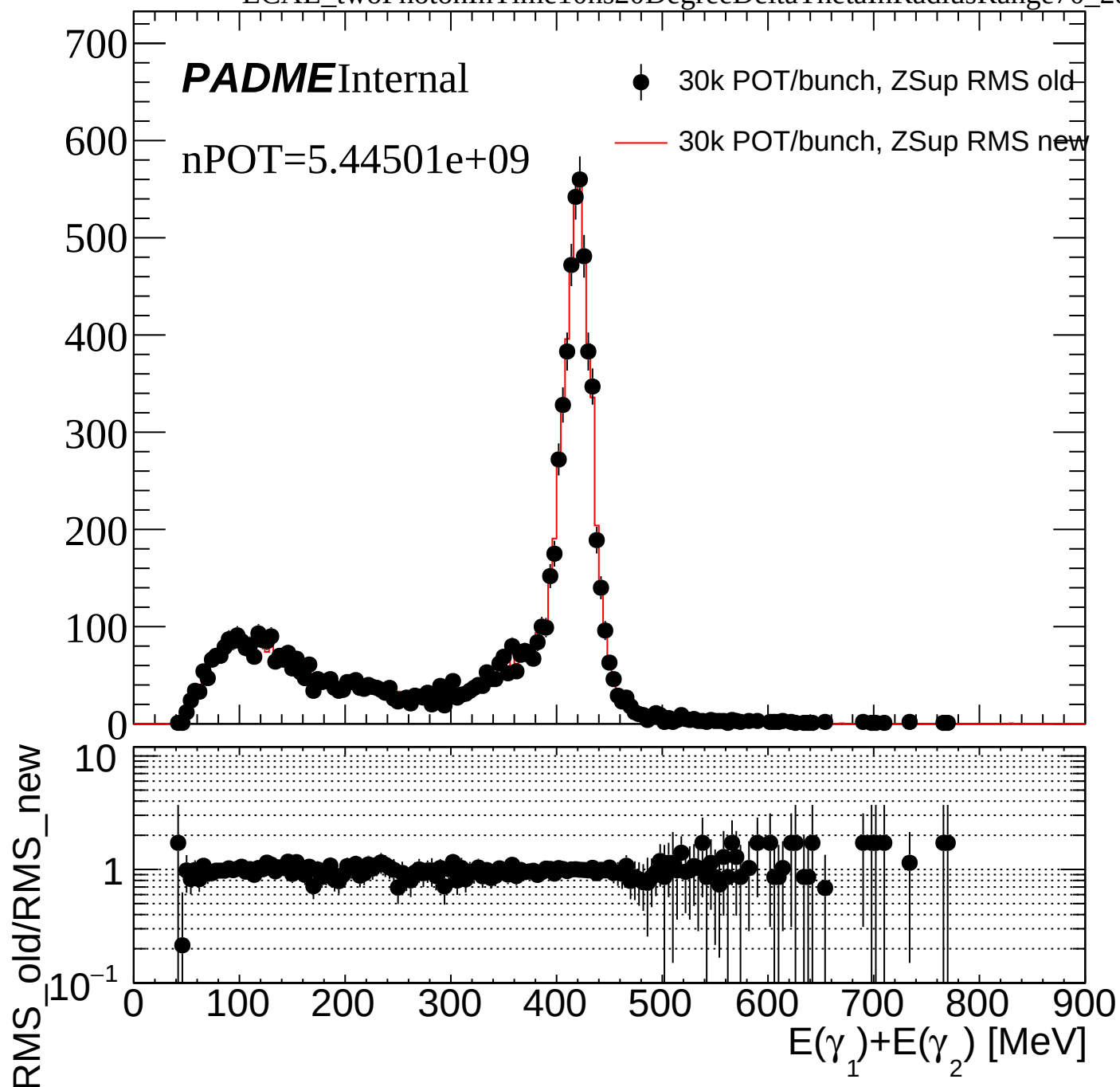


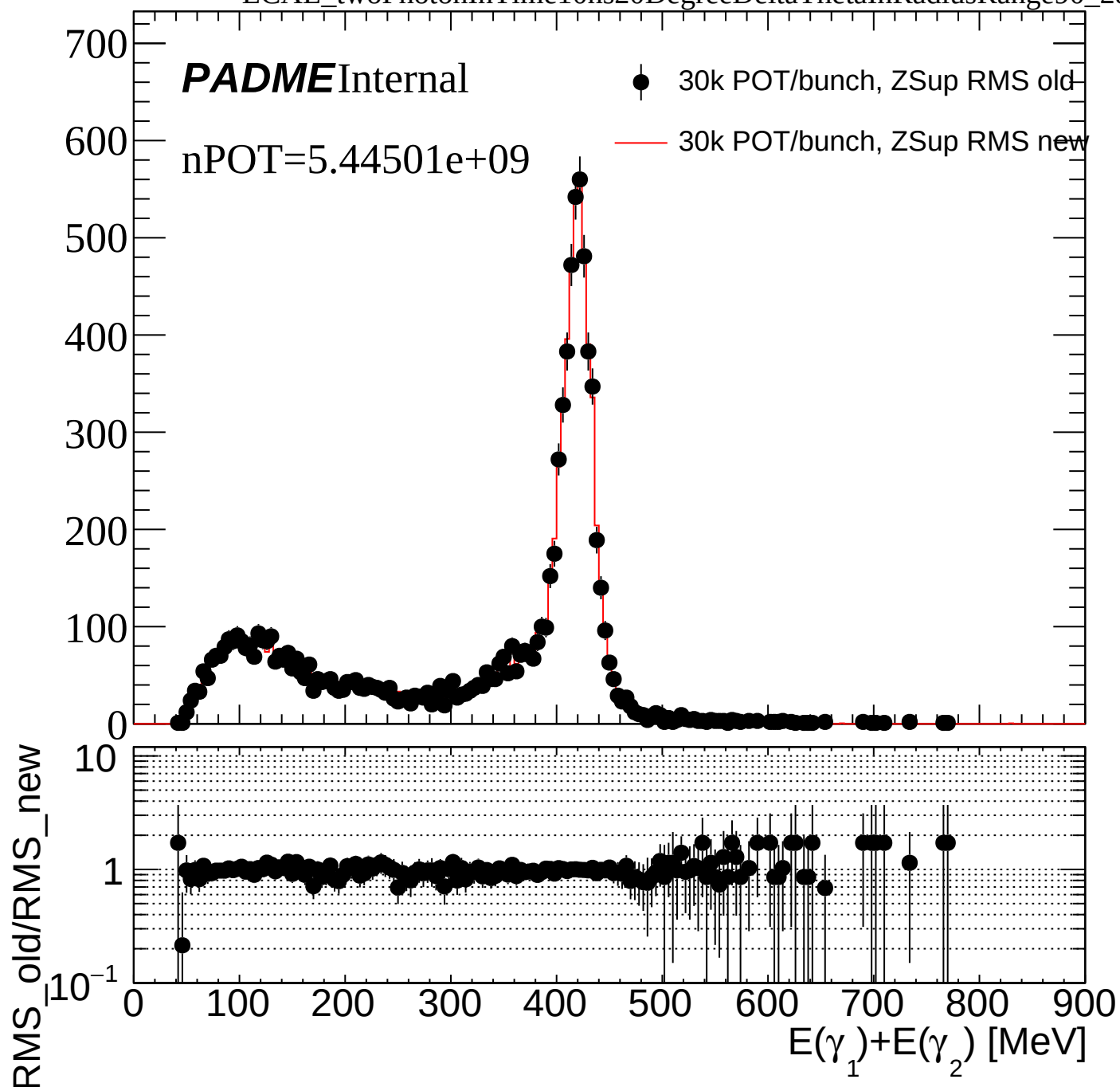


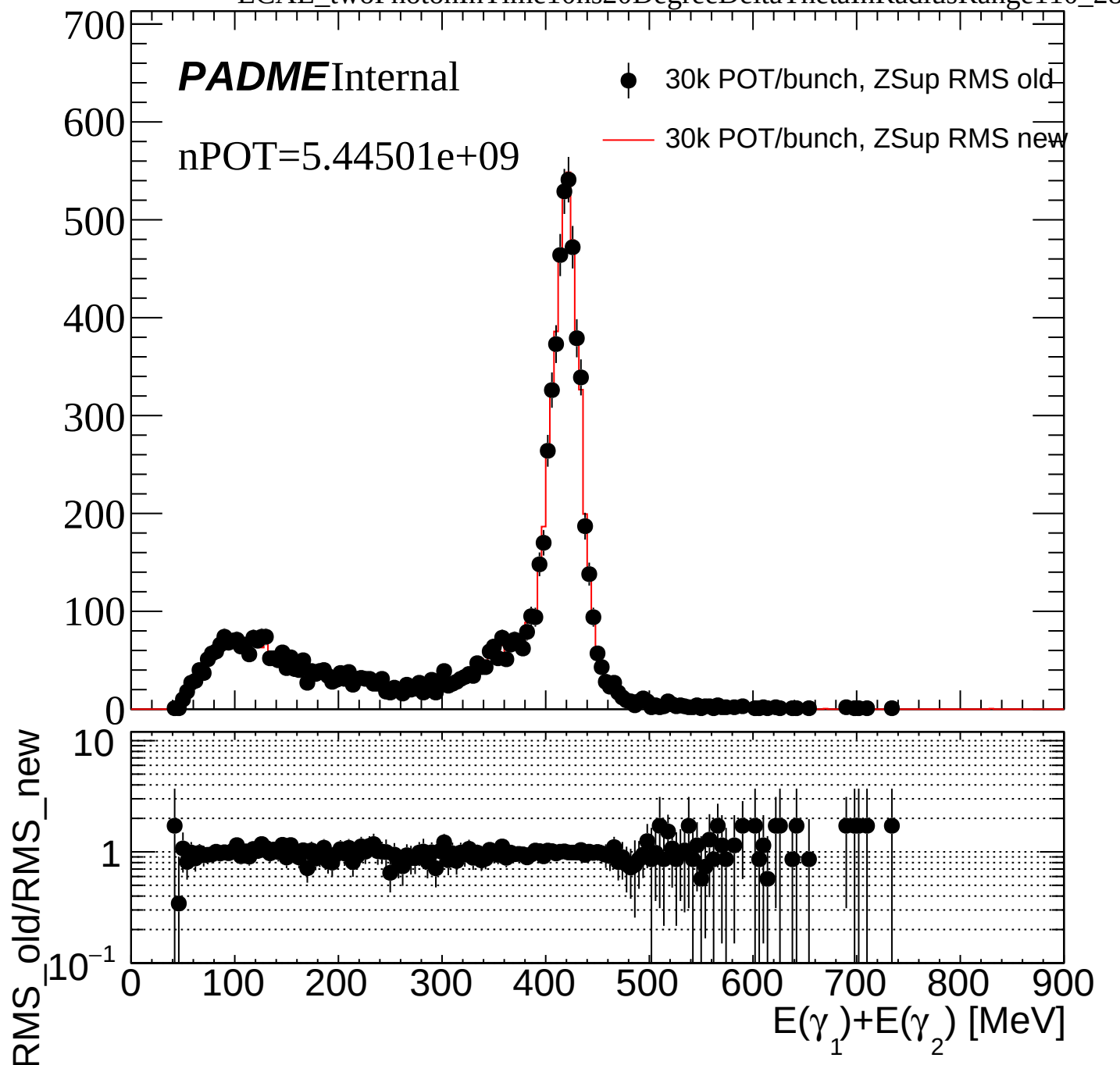


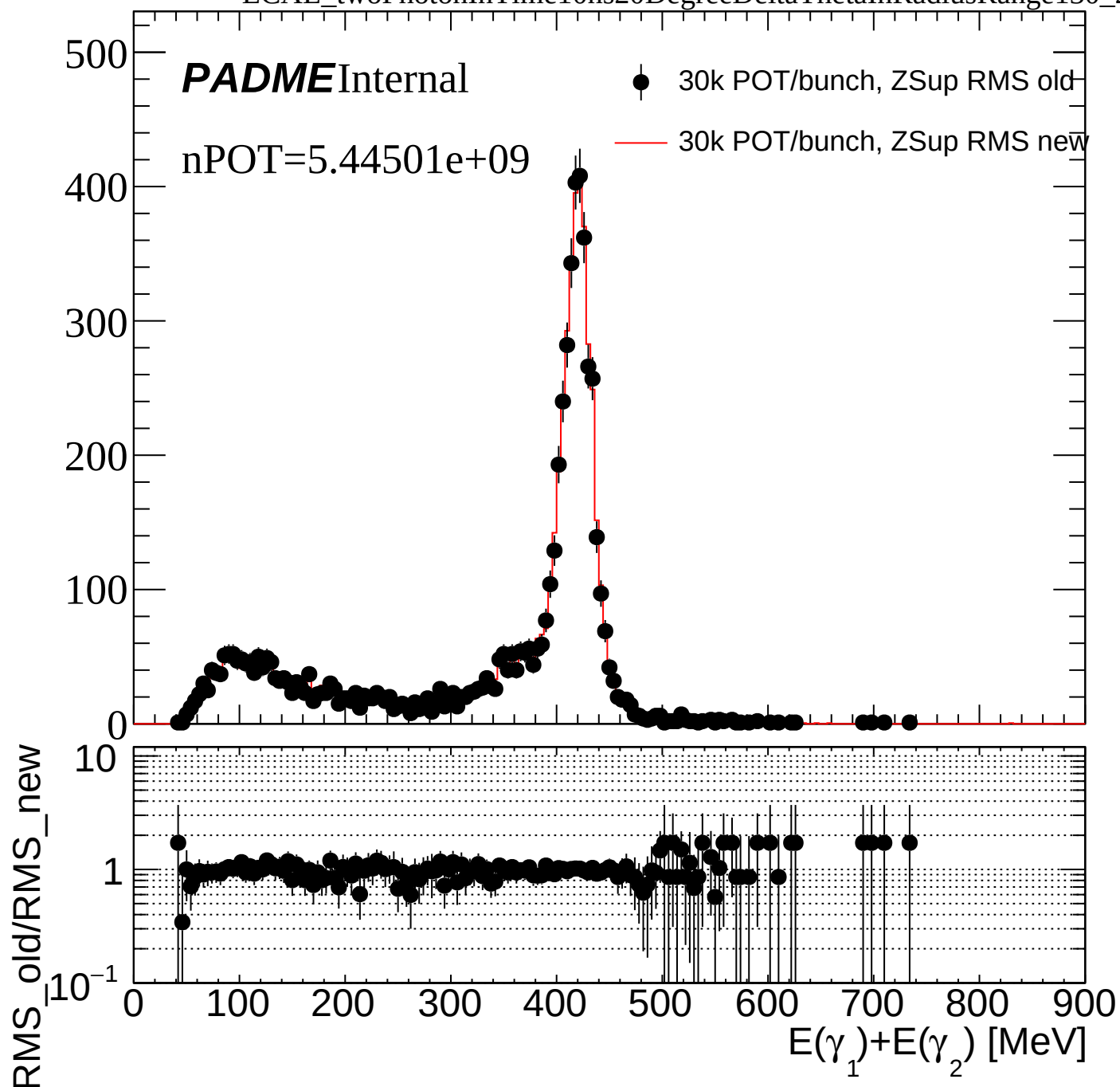


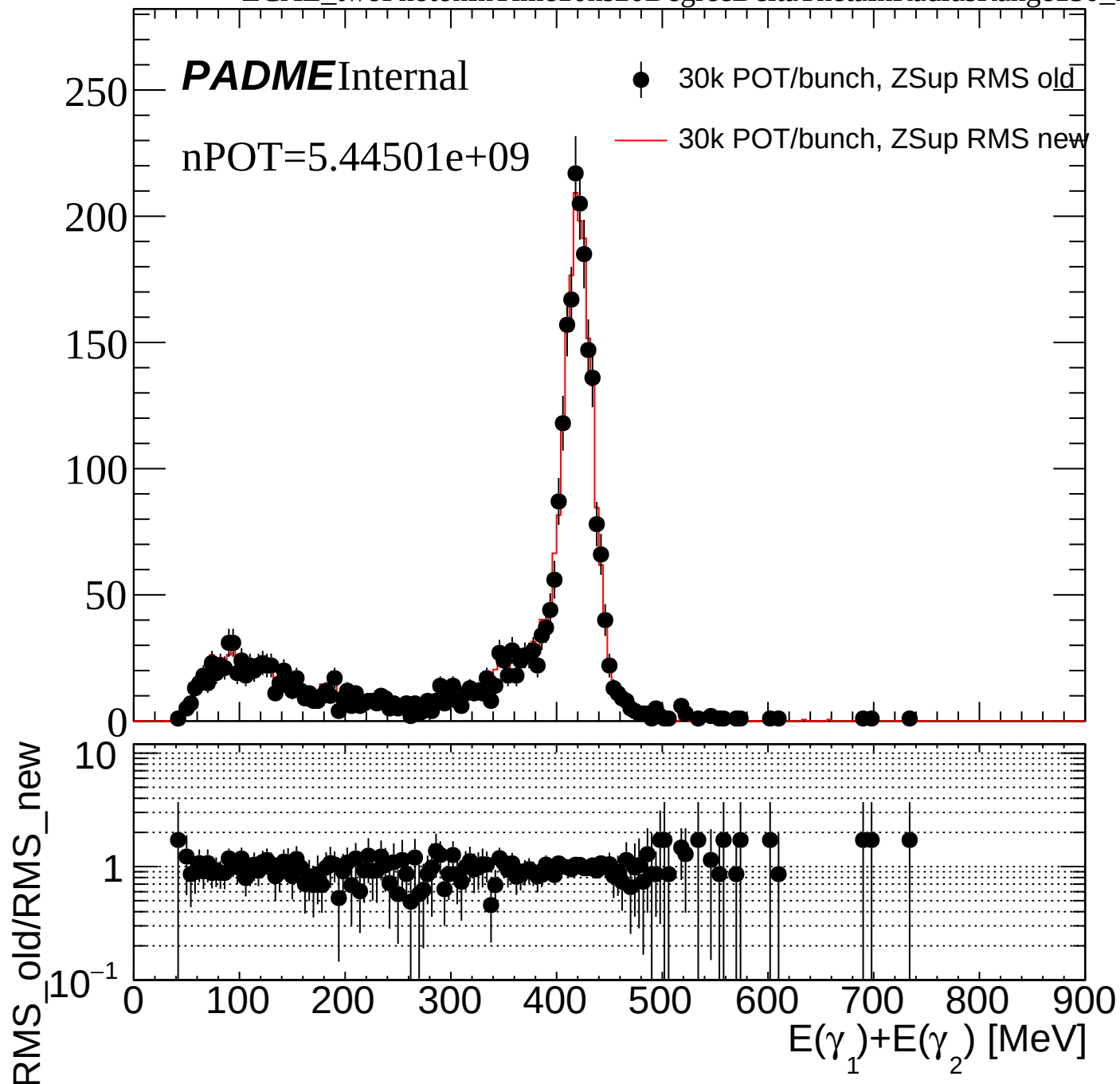


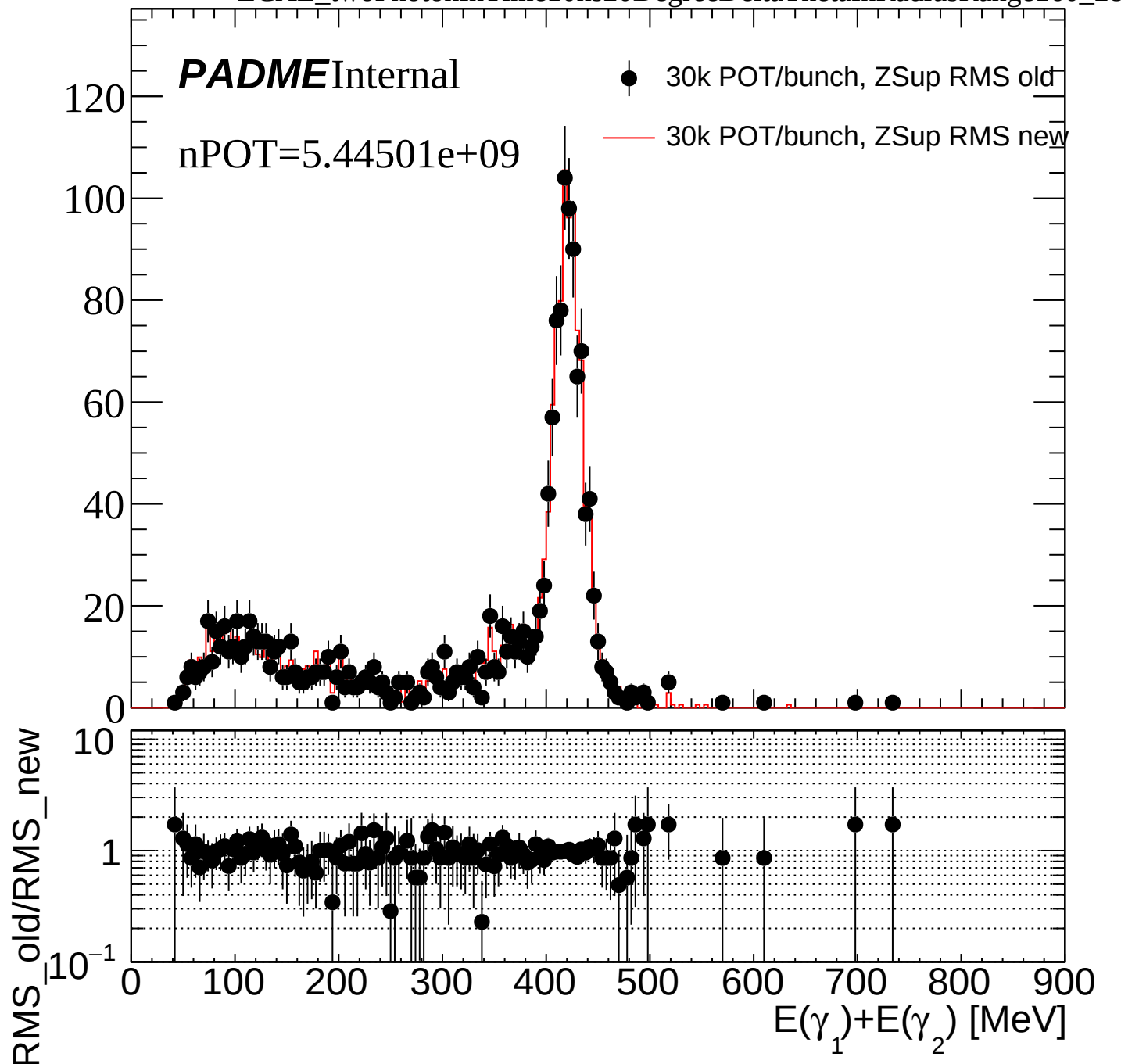


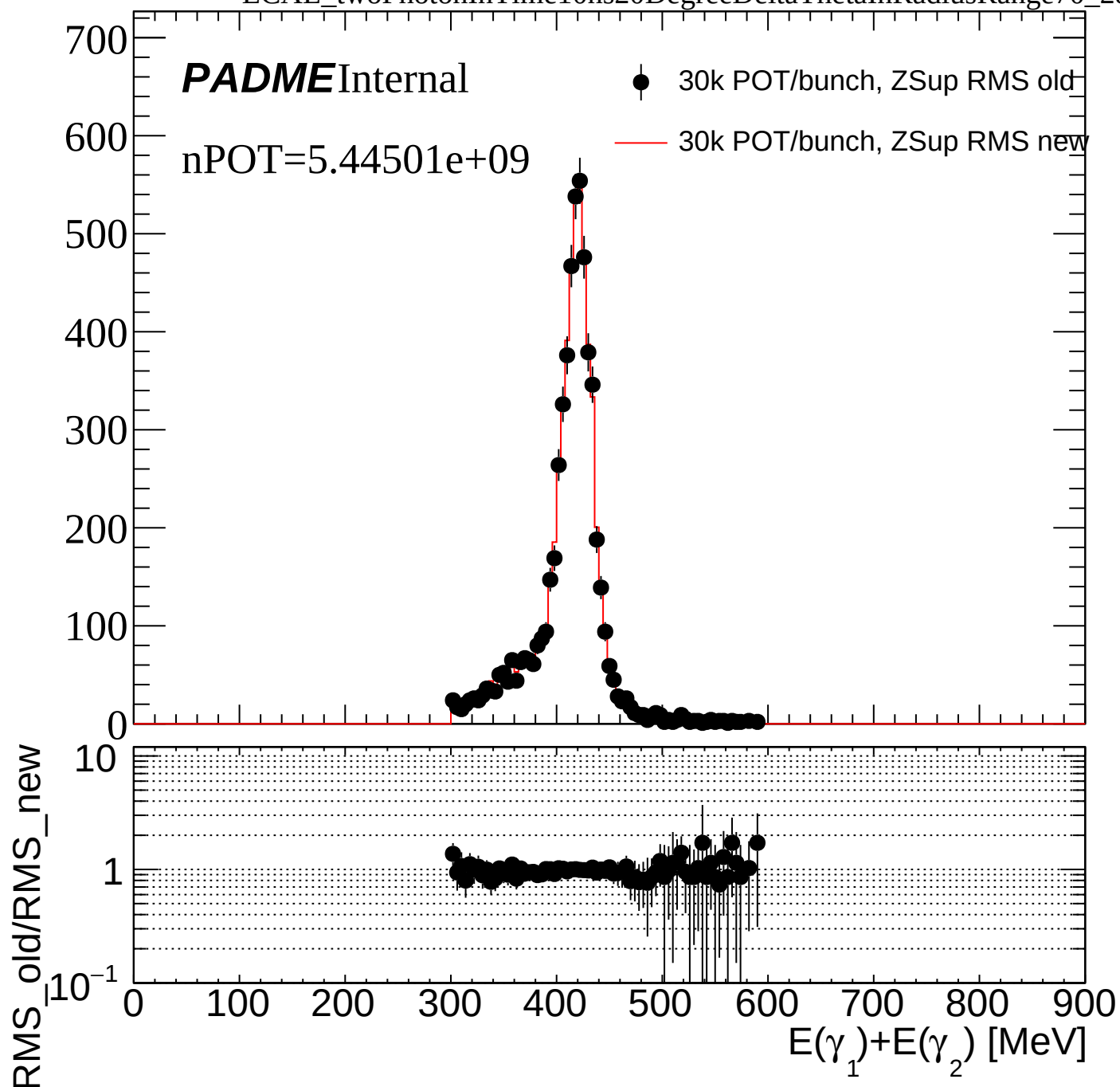


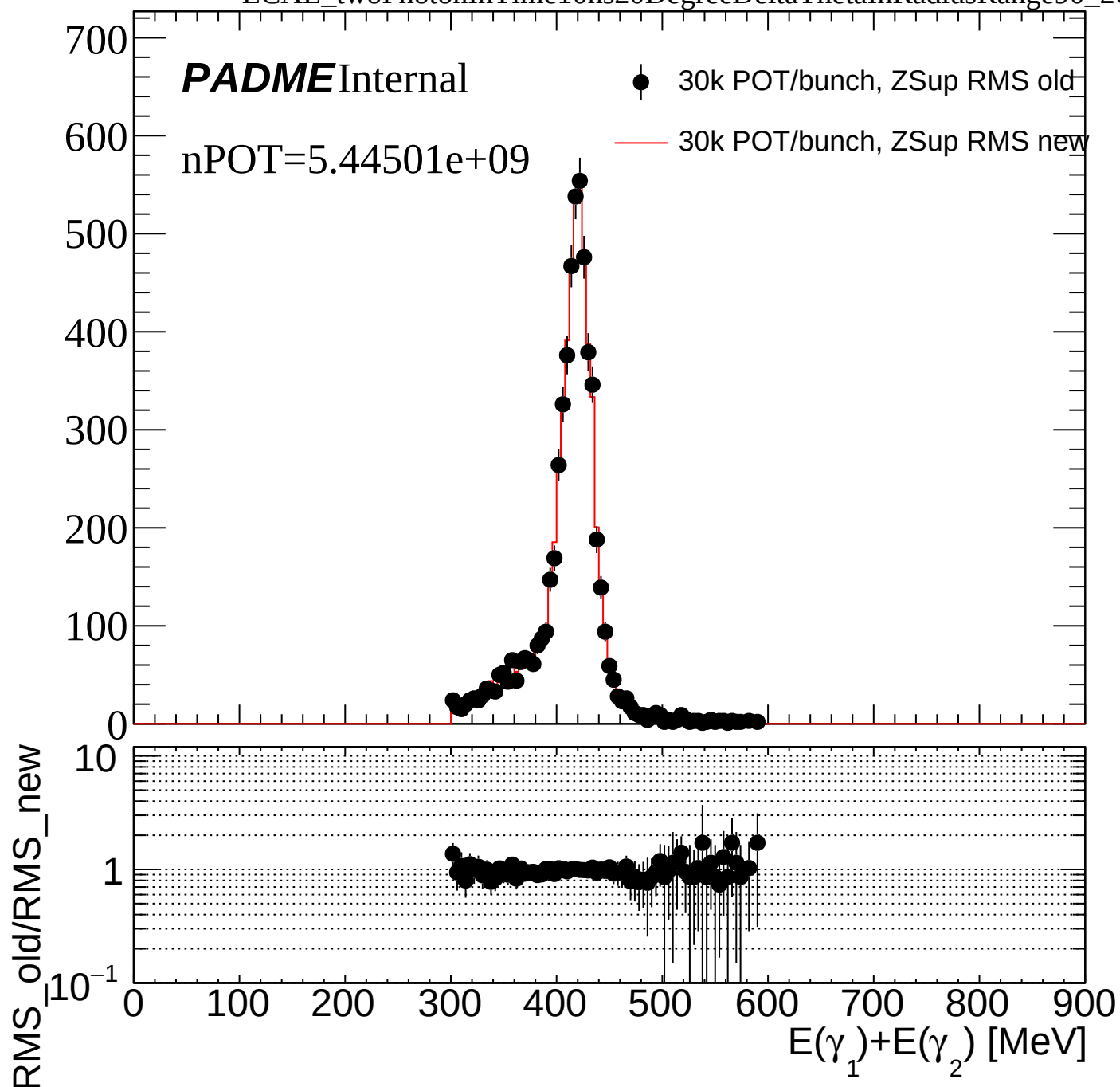


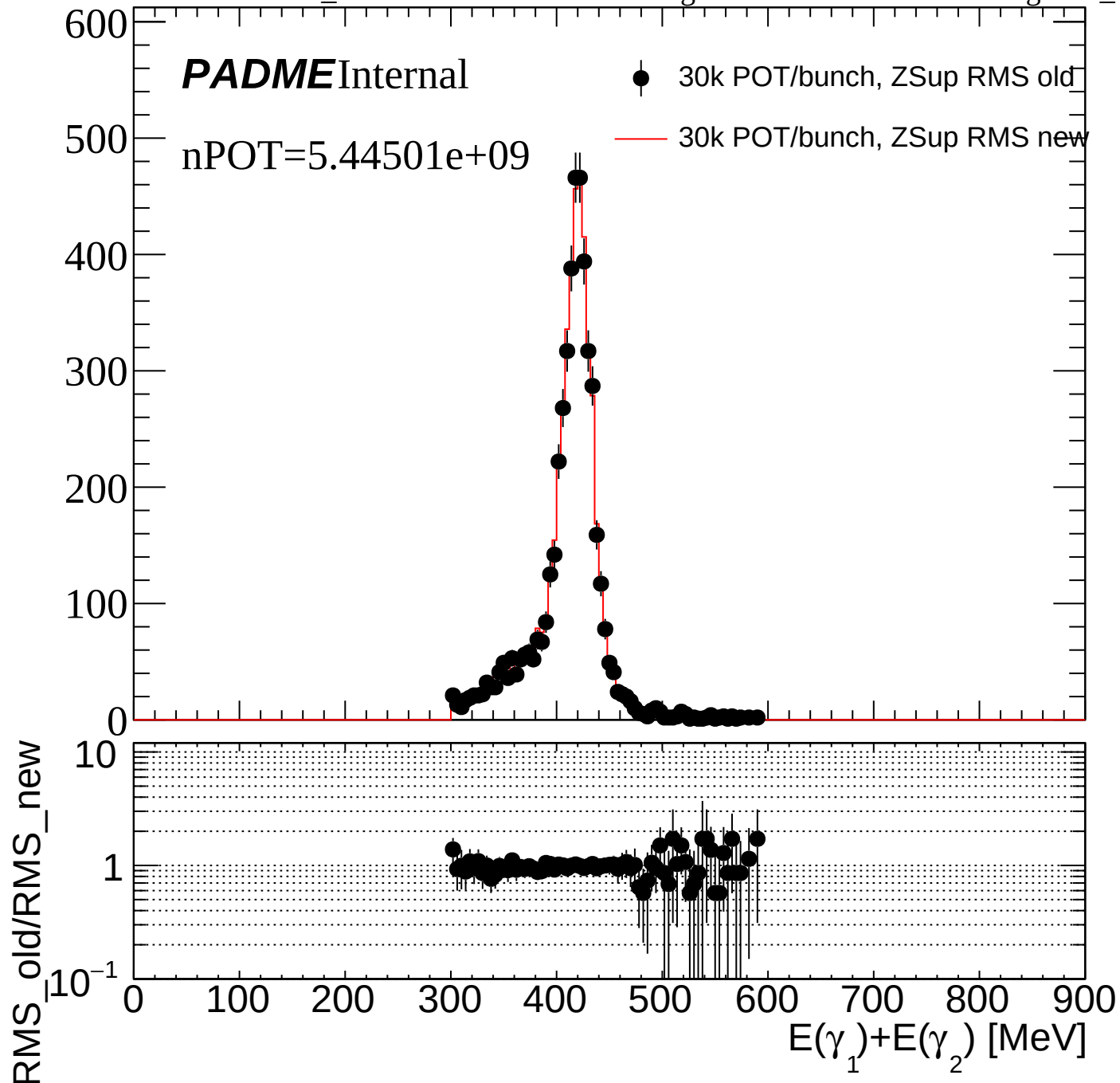


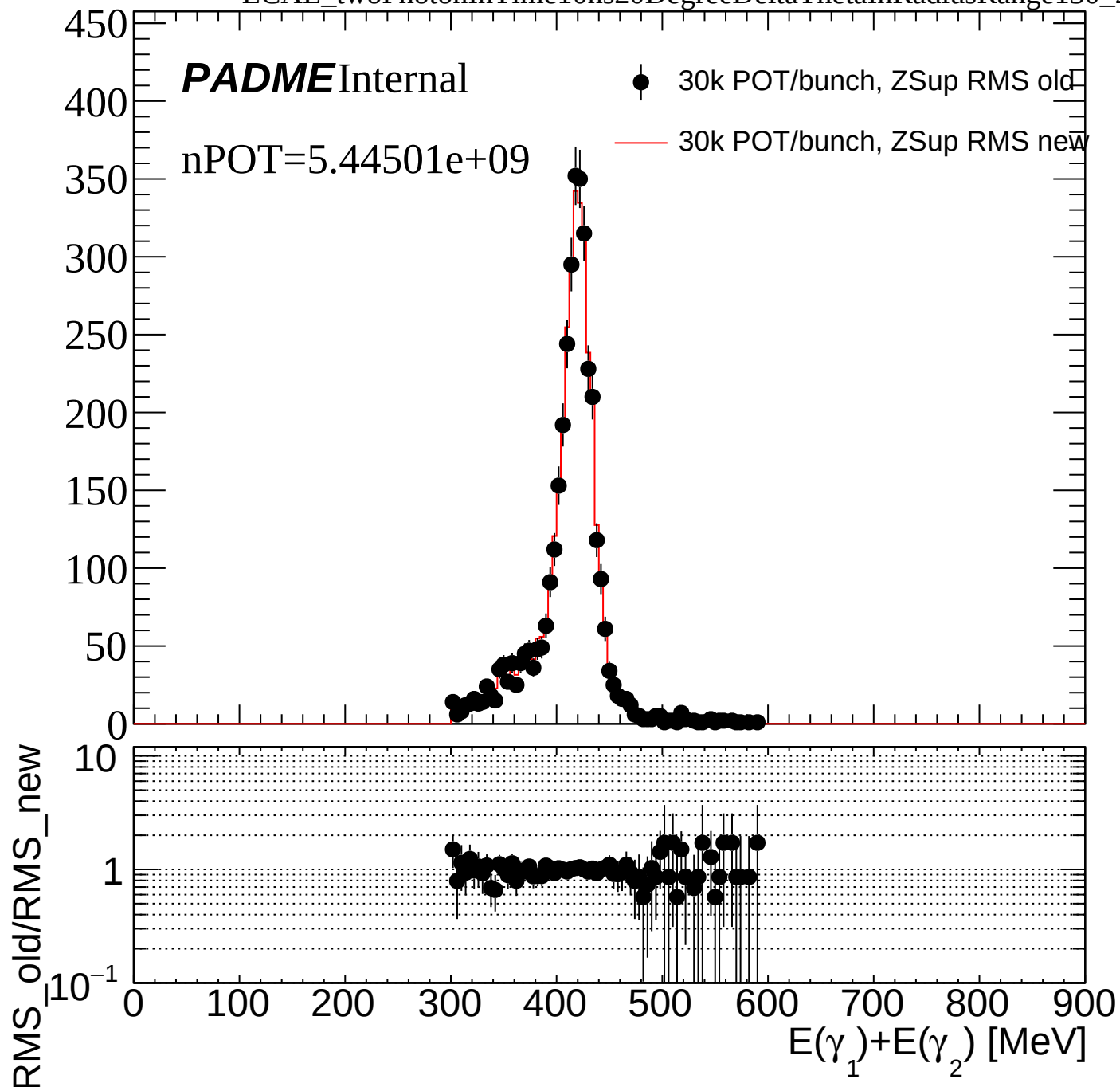










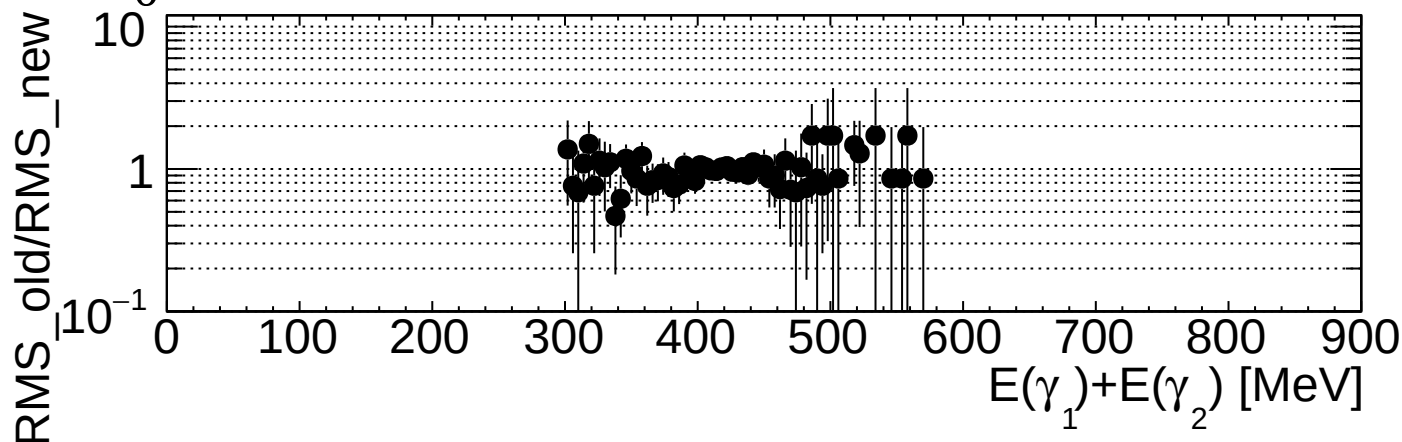


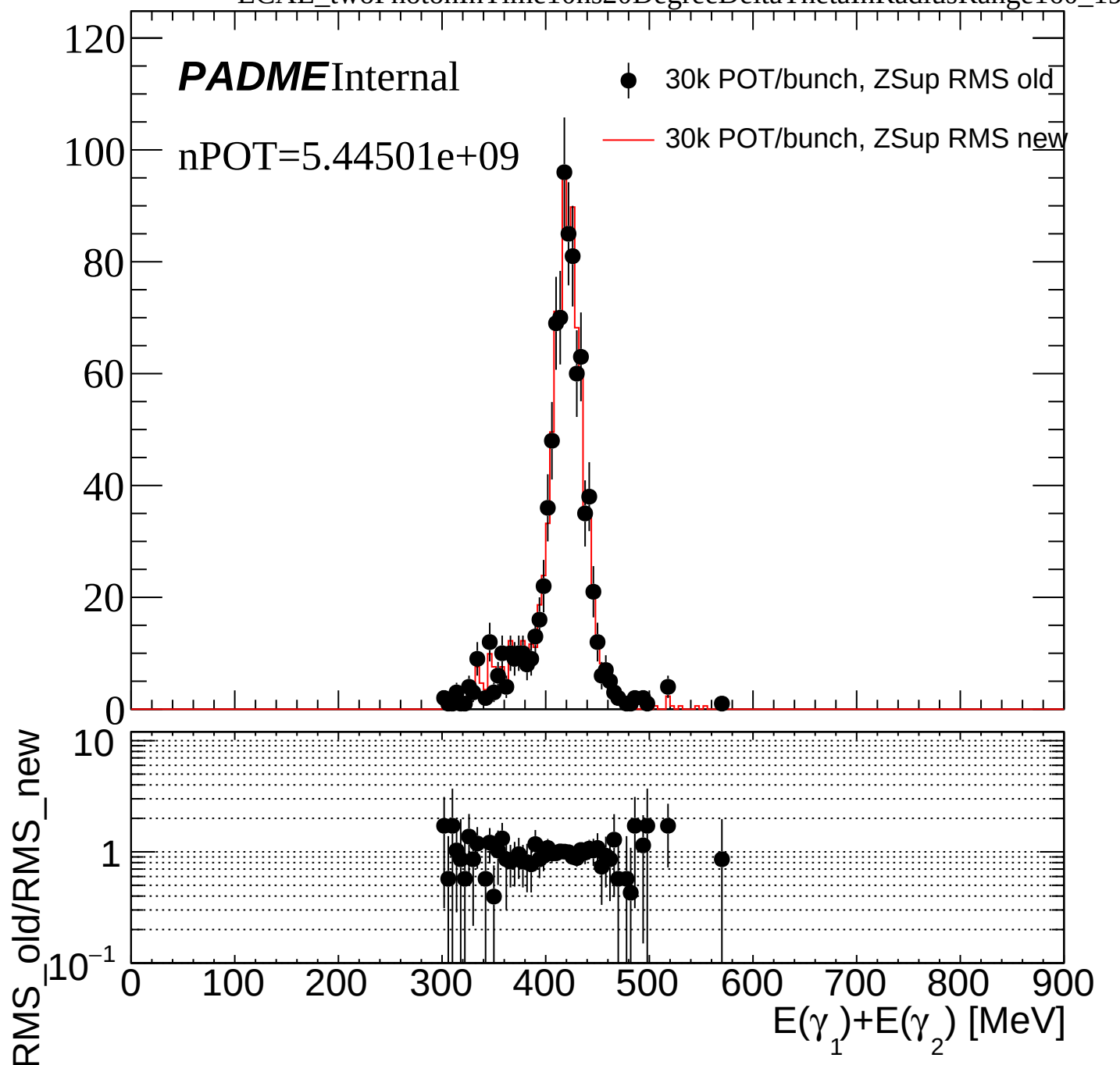
PADMEInternal

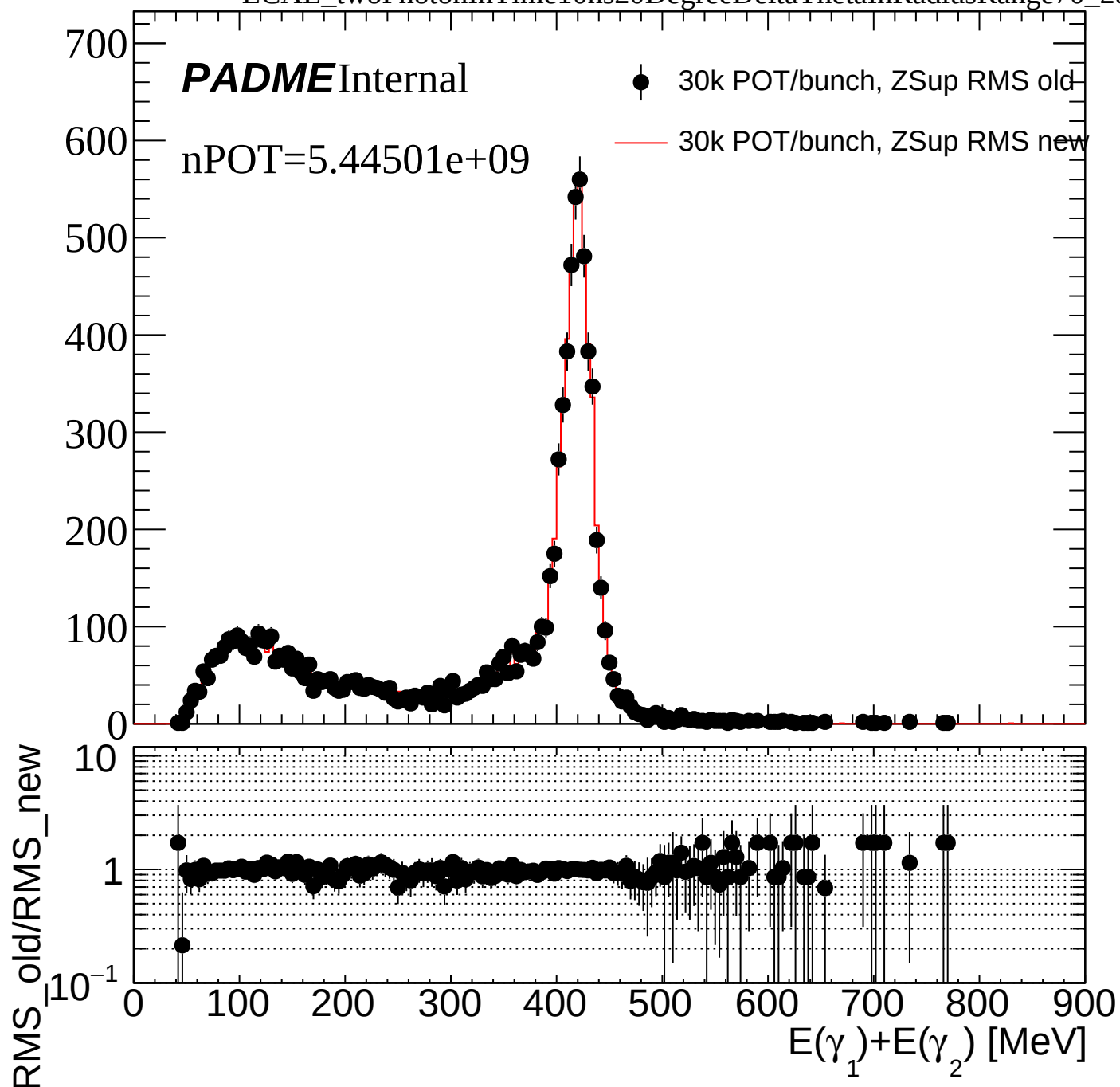
nPOT=5.44501e+09

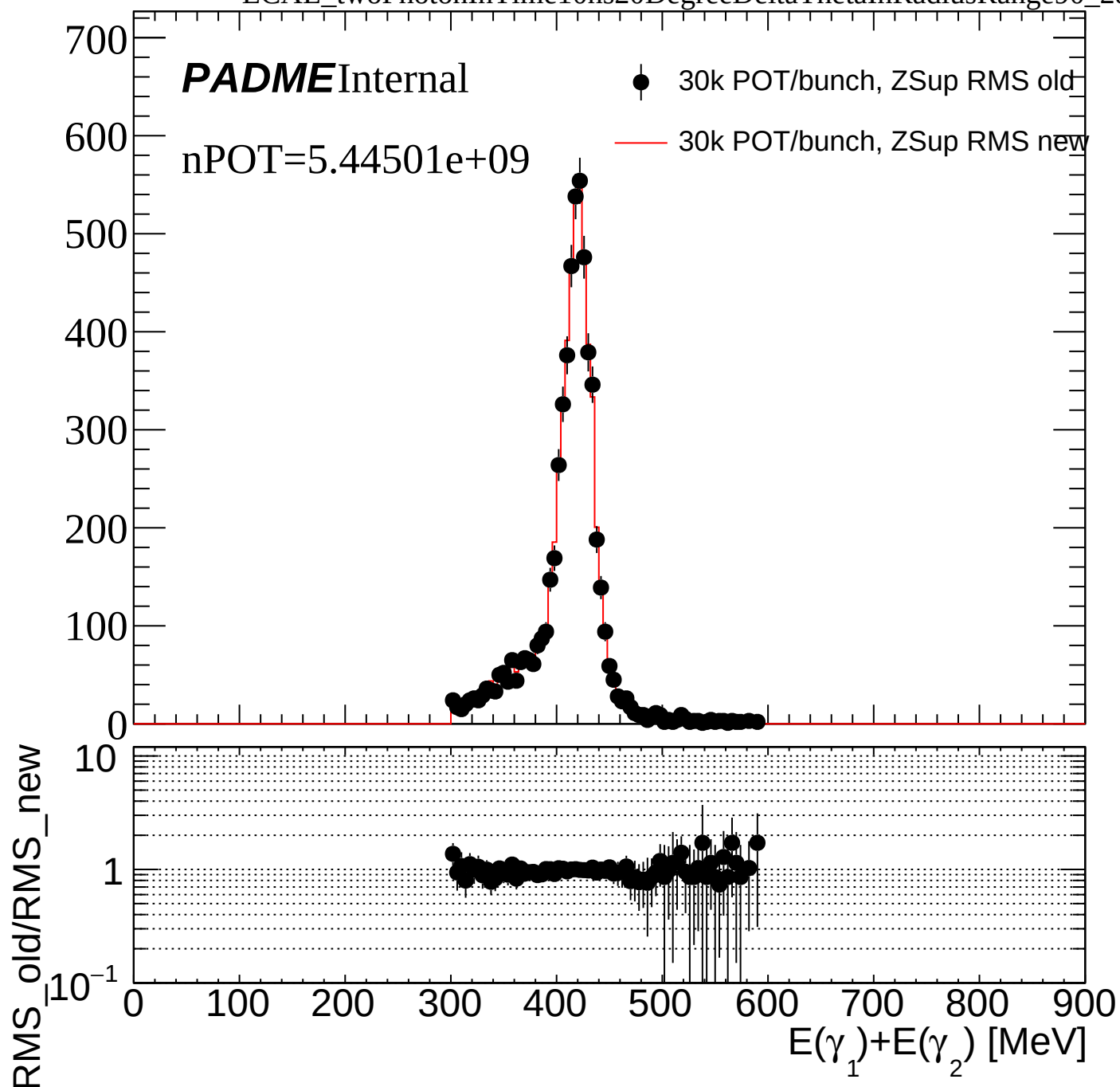
● 30k POT/bunch, ZSup RMS old

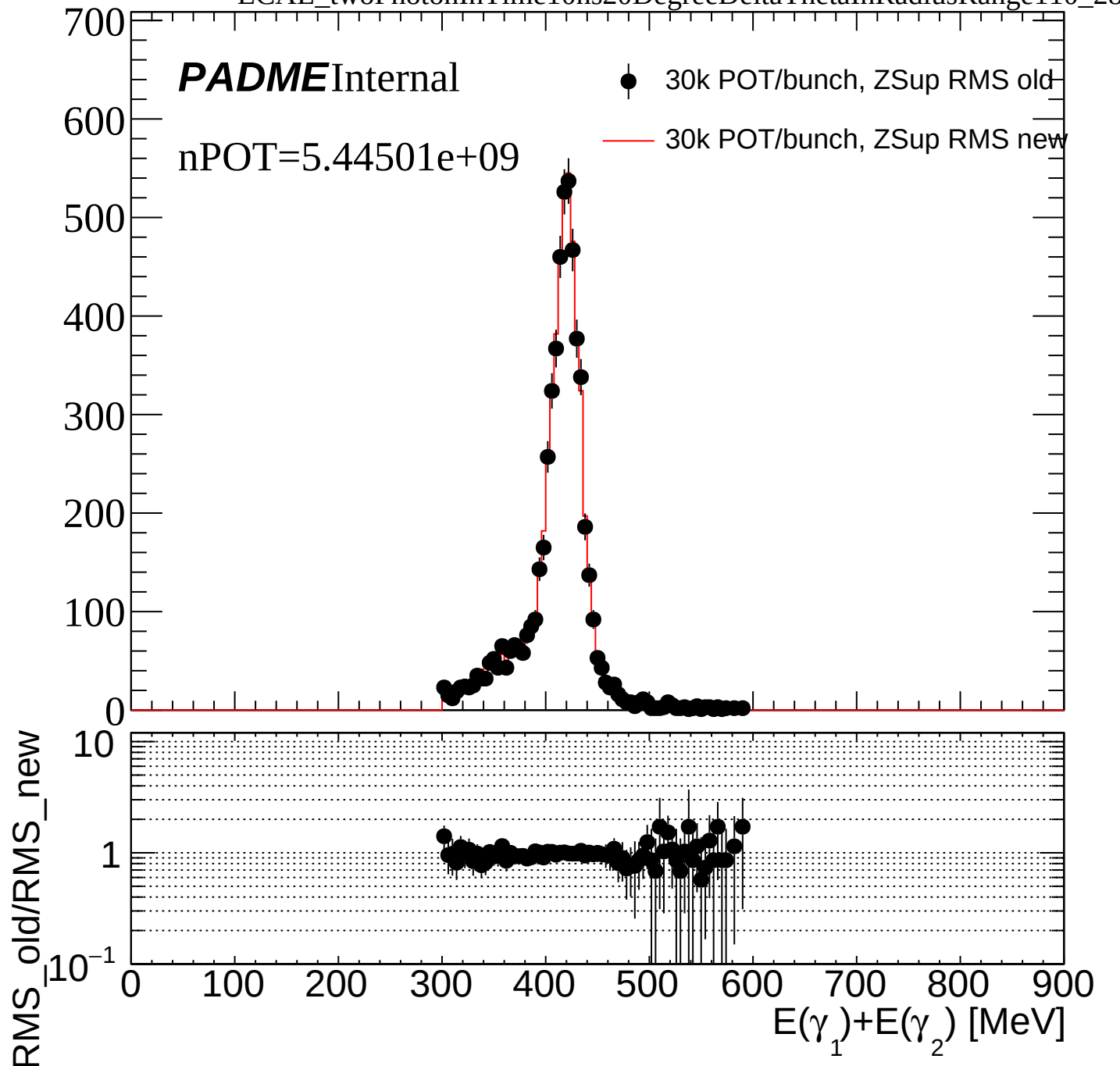
— 30k POT/bunch, ZSup RMS new

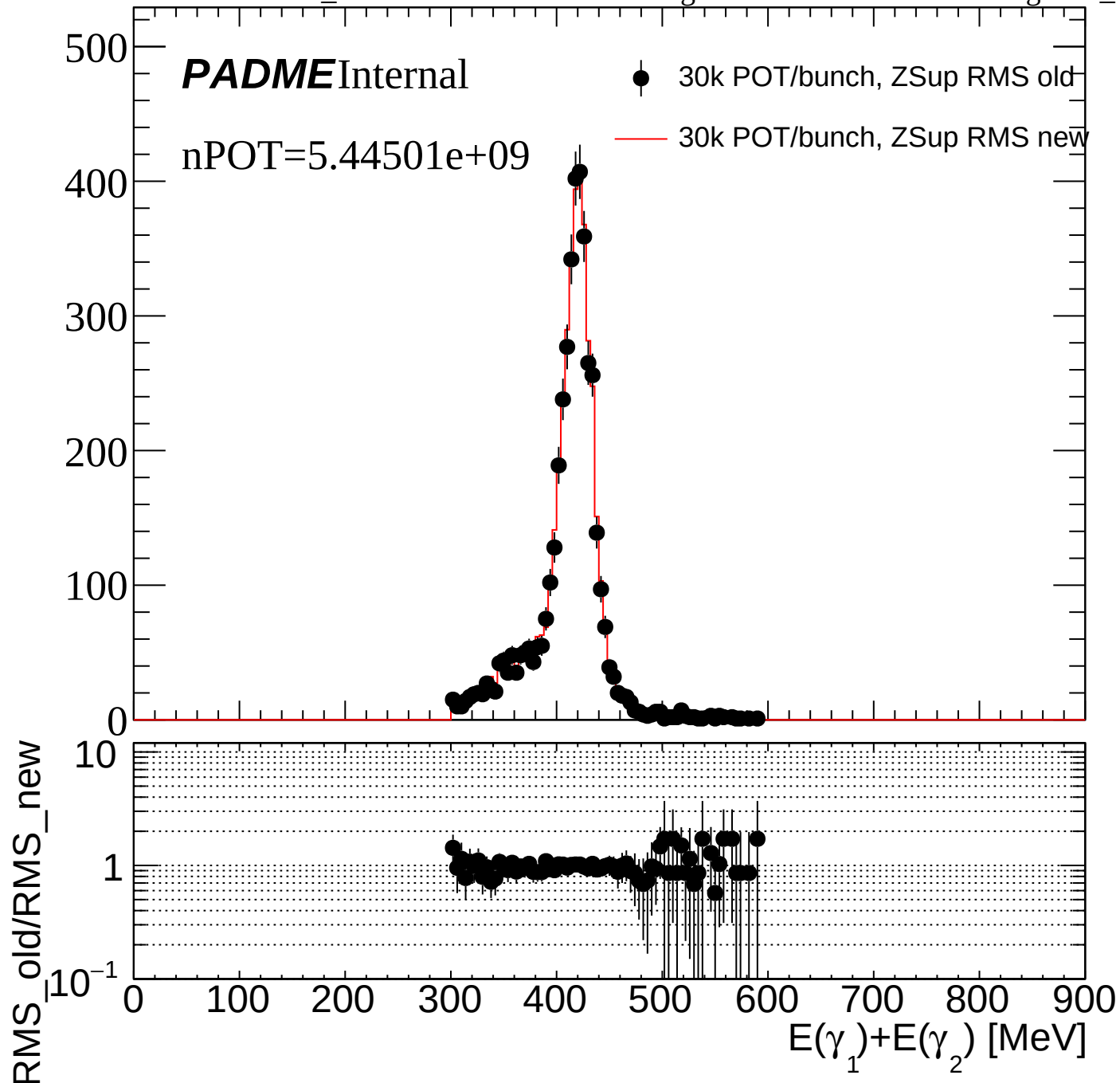


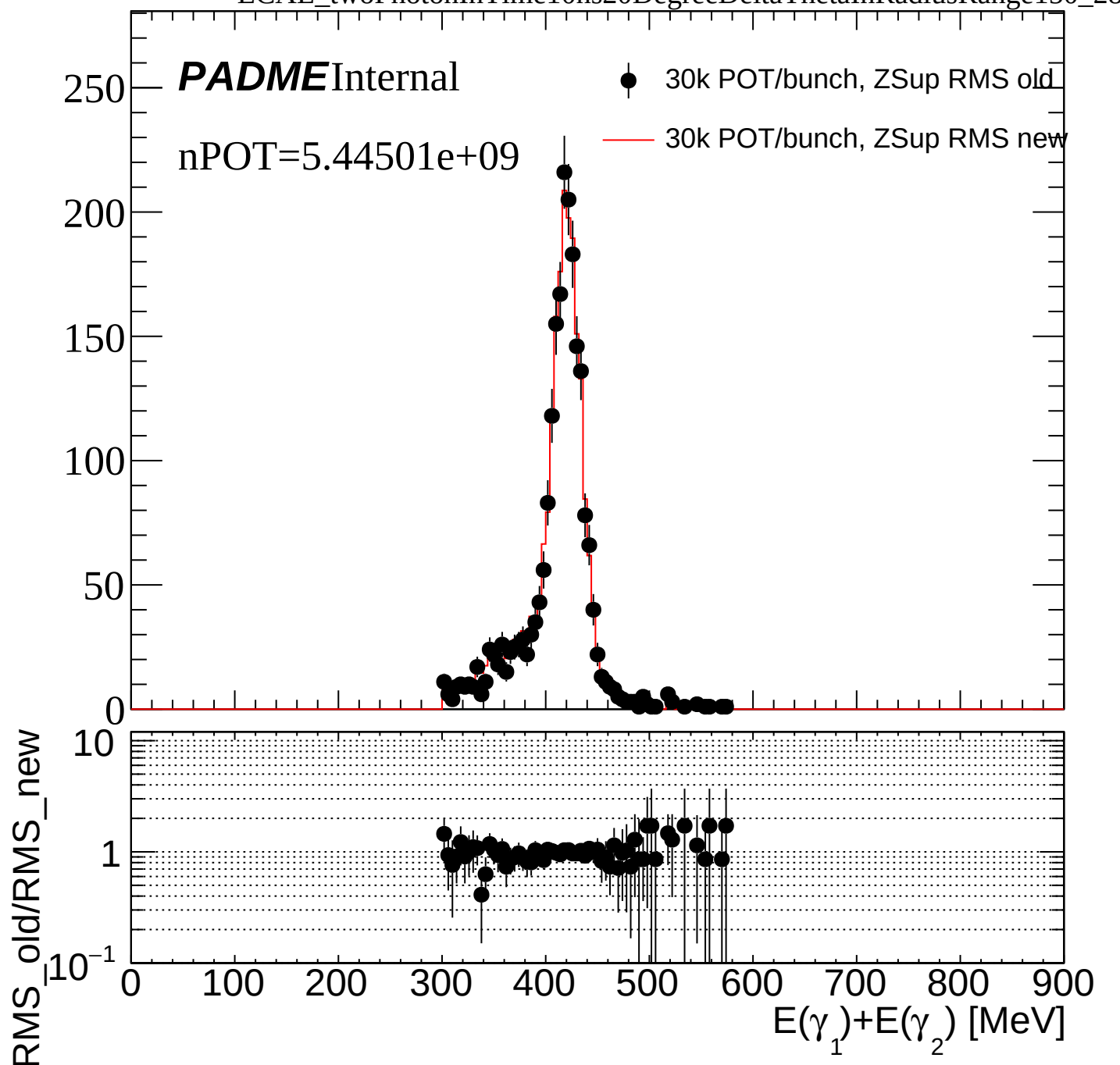


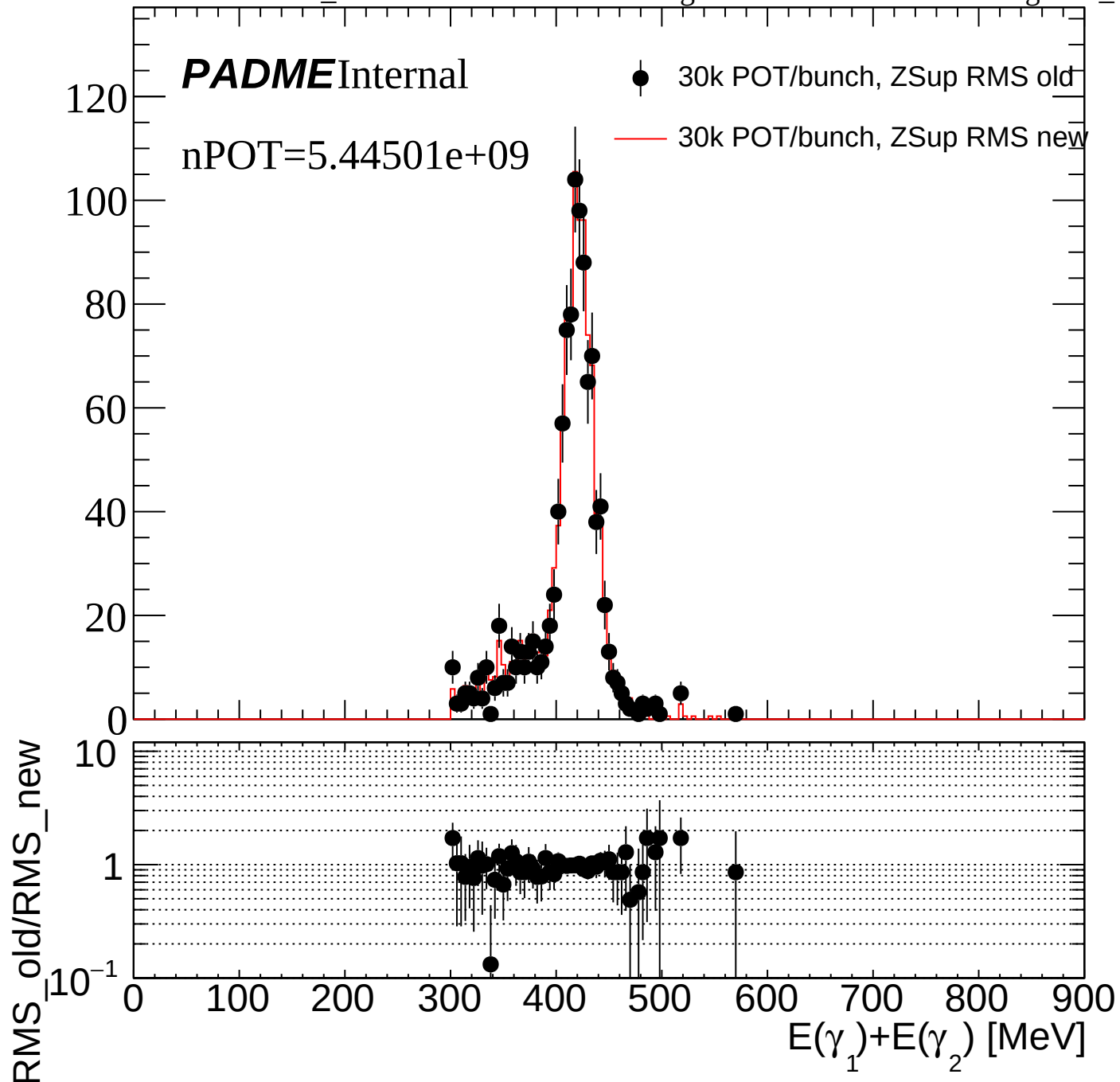












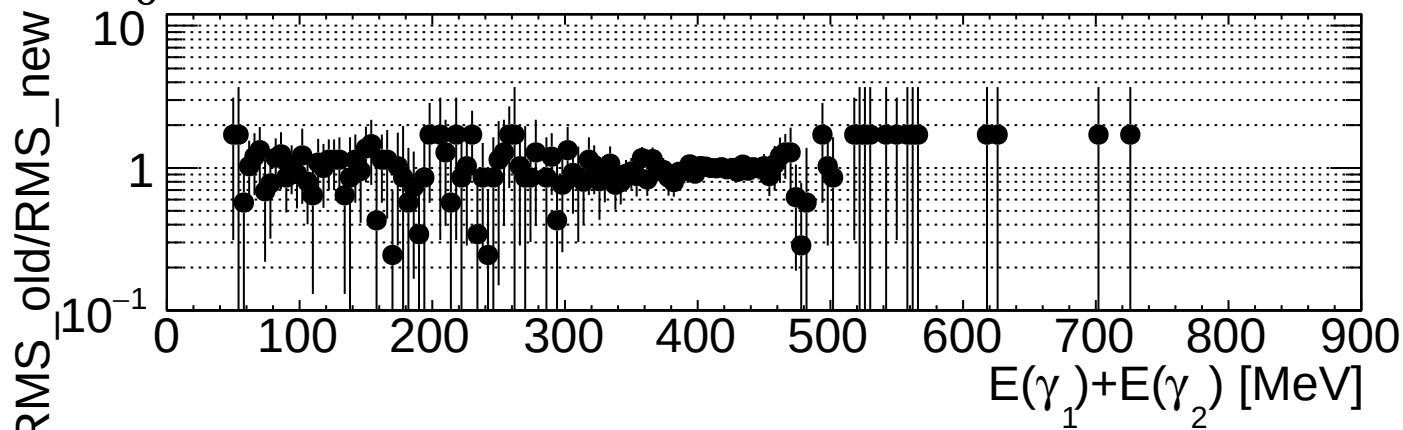
ECAL_twoPhotonInTime10ns1cmInRadiusRange70_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



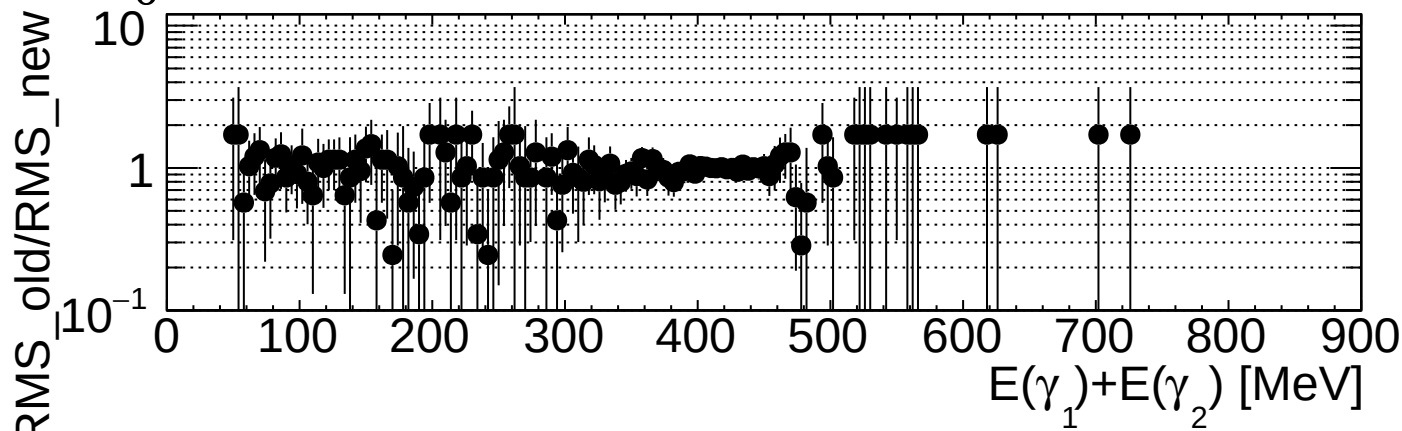
ECAL_twoPhotonInTime10ns1cmInRadiusRange90_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



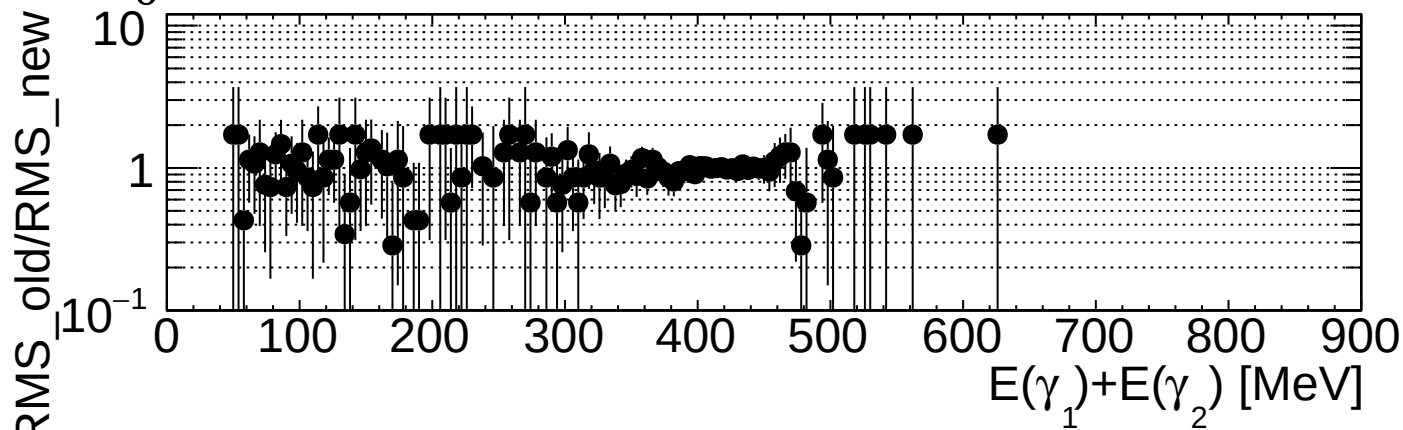
ECAL_twoPhotonInTime10ns1cmInRadiusRange110_280

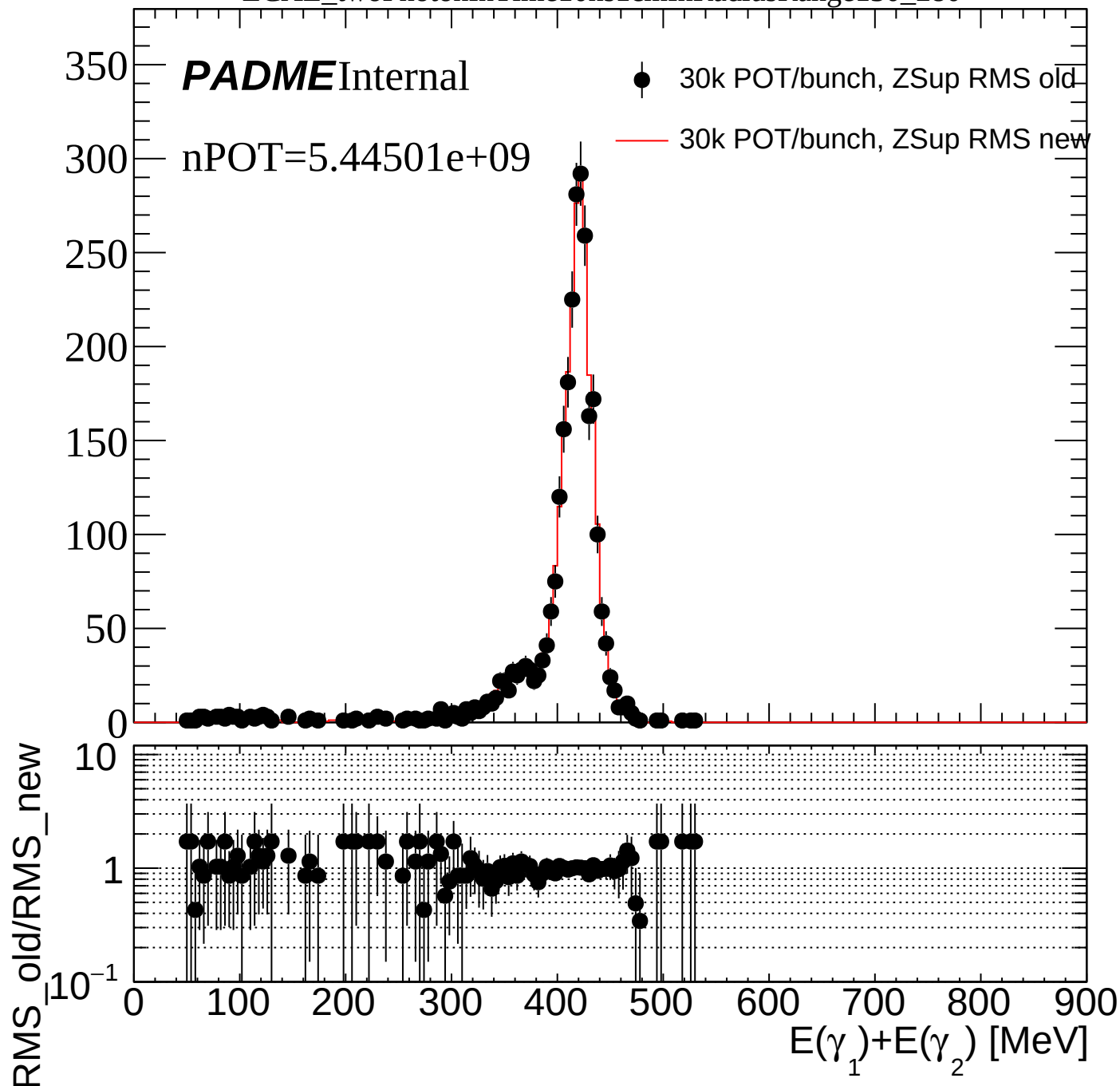
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





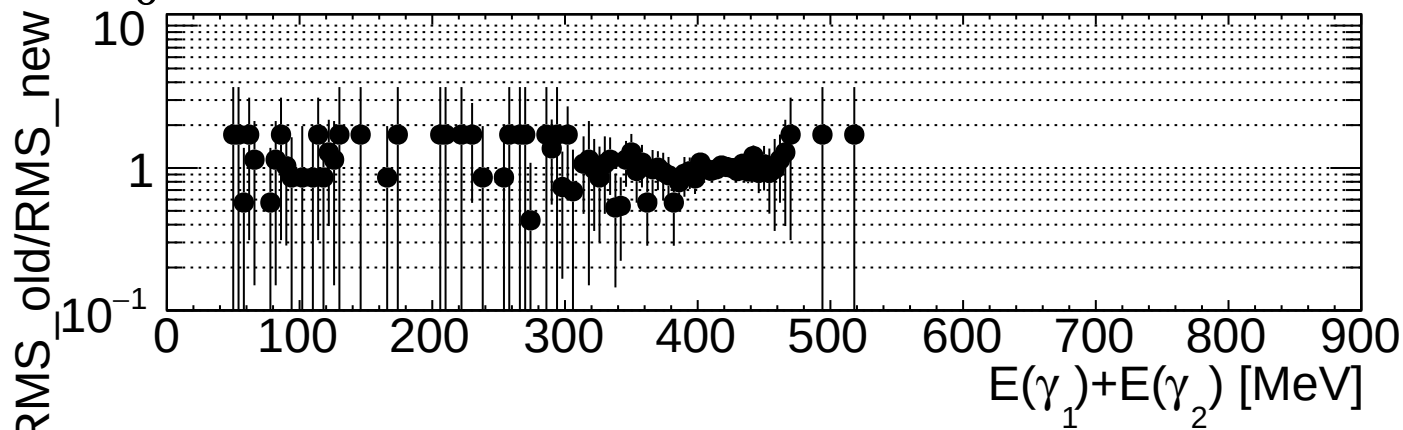
ECAL_twoPhotonInTime10ns1cmInRadiusRange150_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

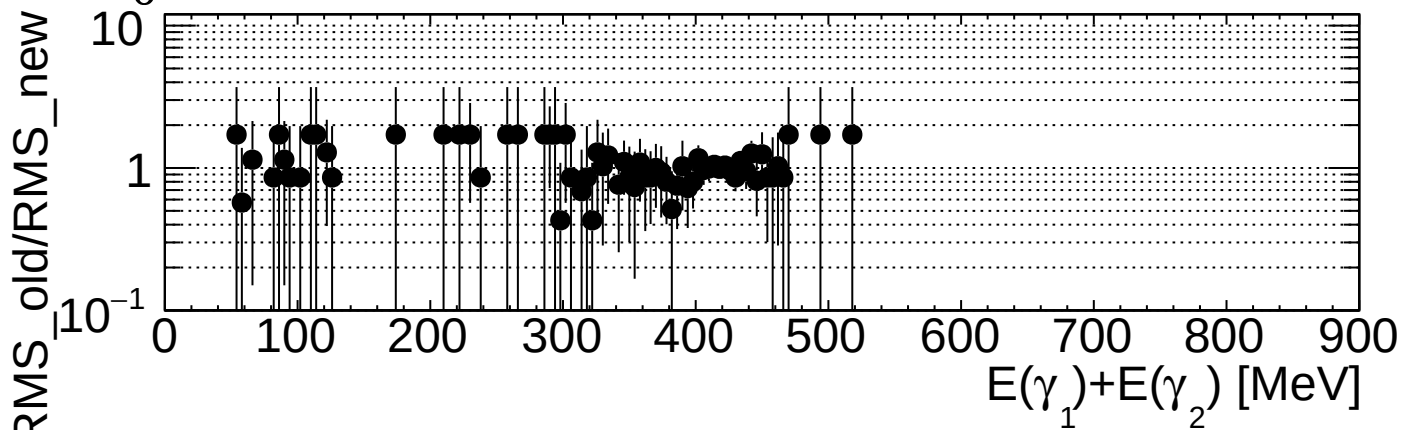


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



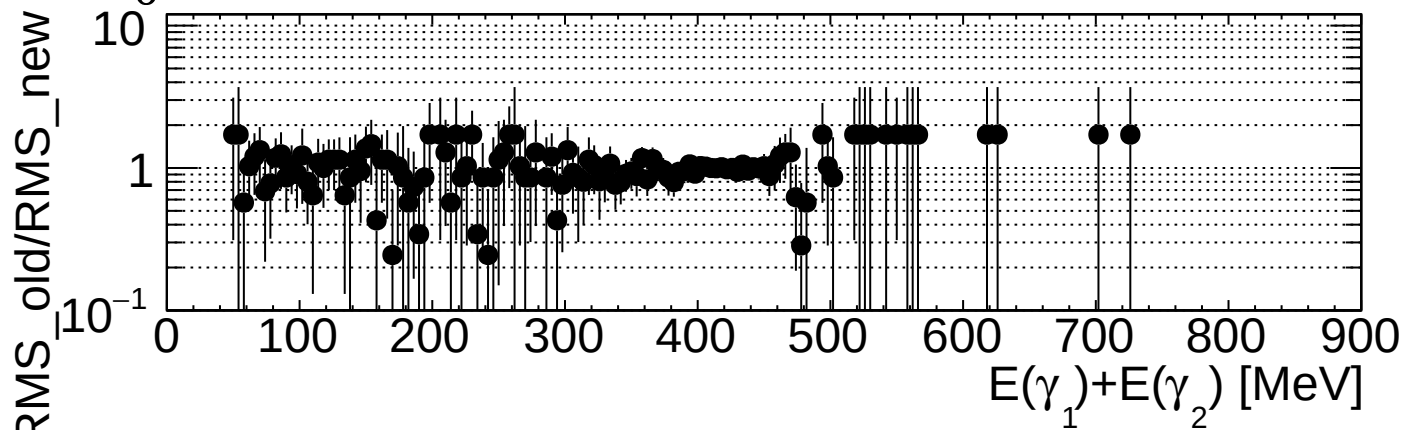
ECAL_twoPhotonInTime10ns1cmInRadiusRange70_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



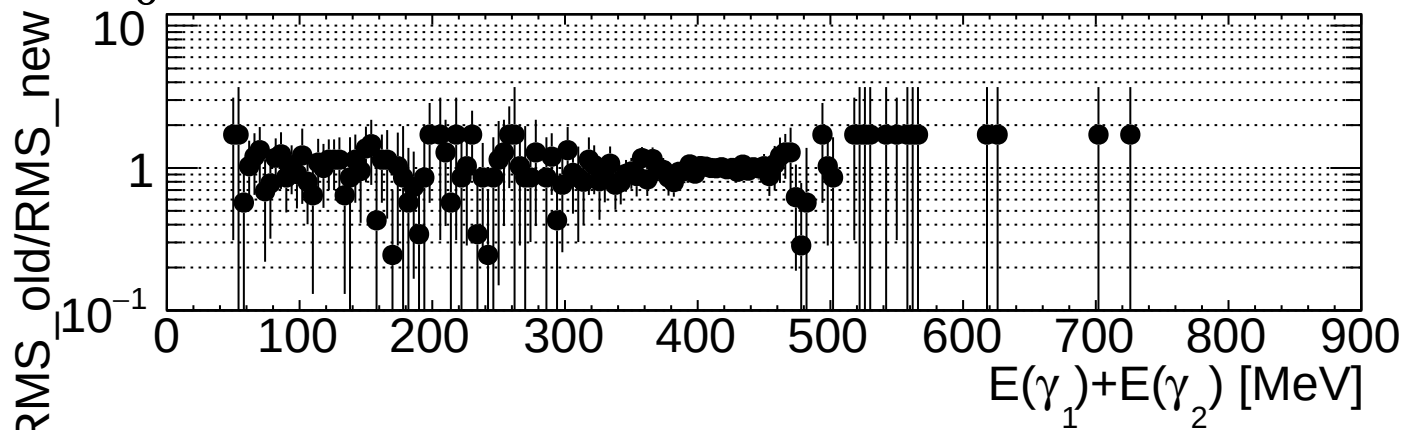
ECAL_twoPhotonInTime10ns1cmInRadiusRange90_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



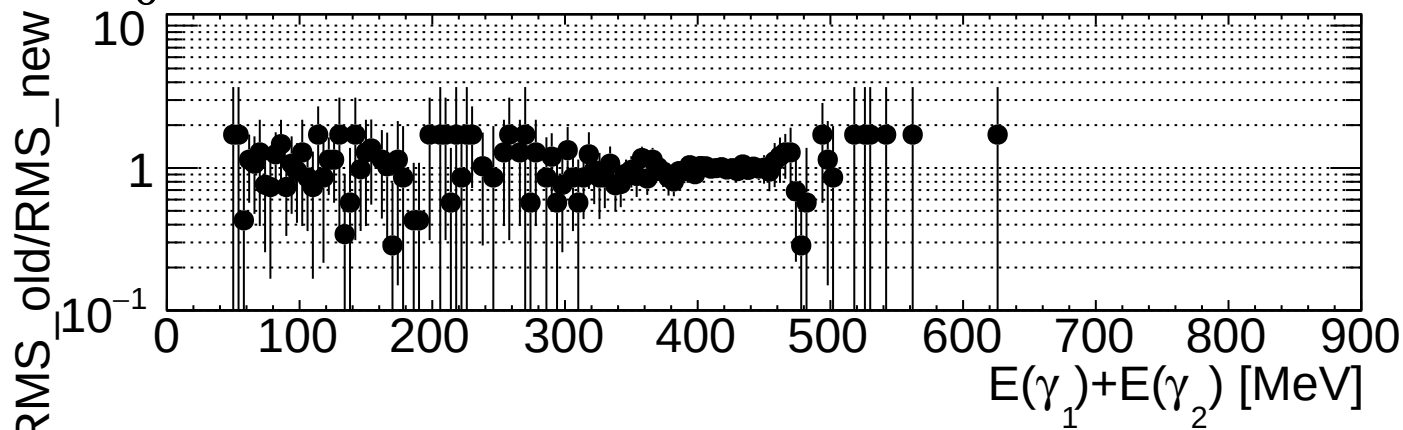
ECAL_twoPhotonInTime10ns1cmInRadiusRange110_280

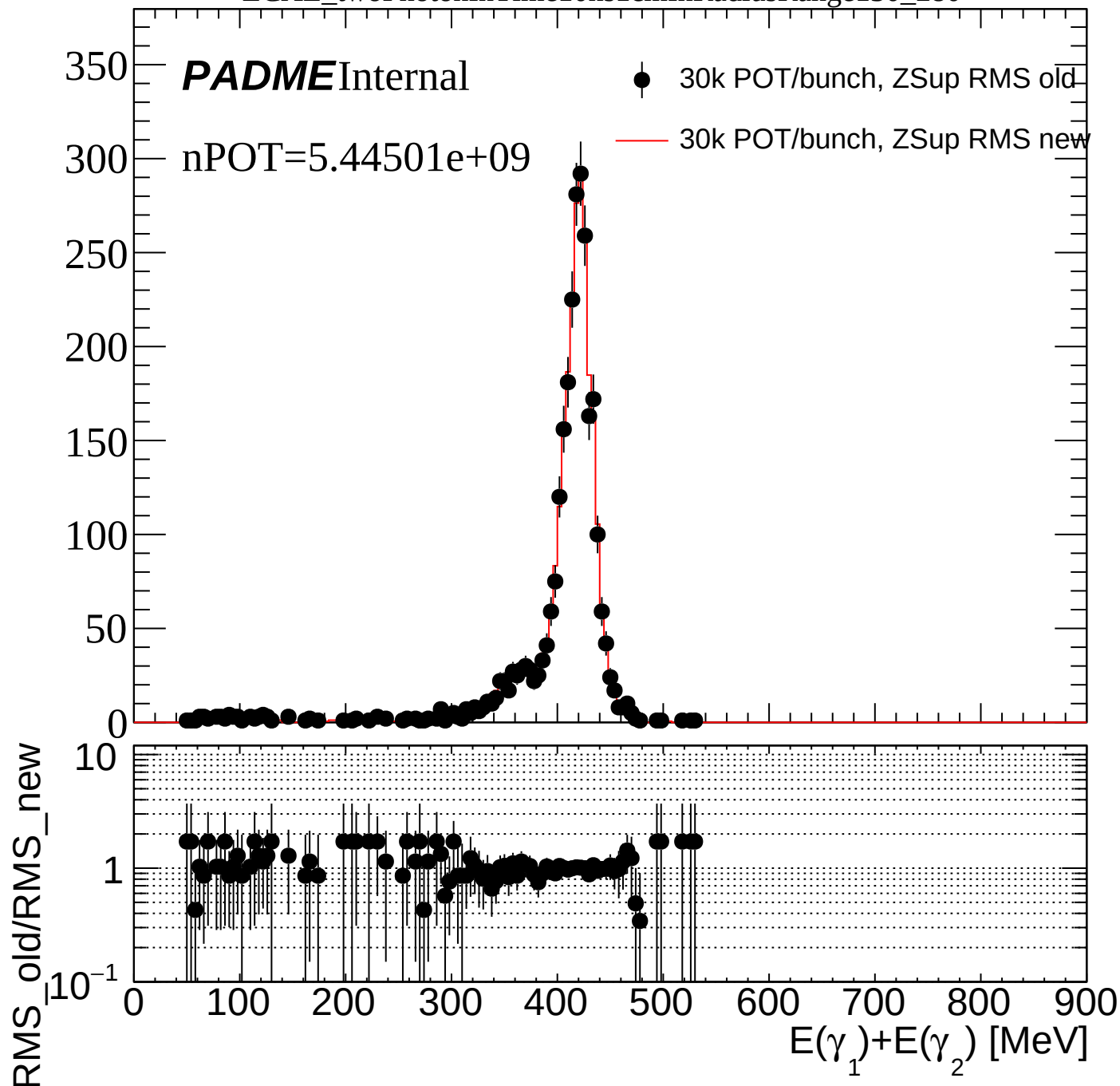
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





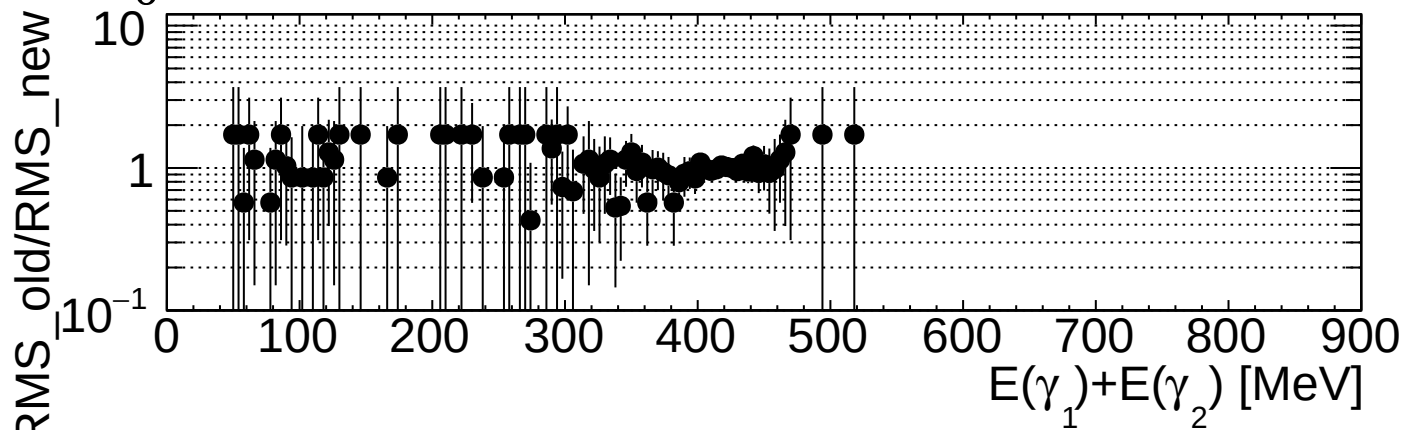
ECAL_twoPhotonInTime10ns1cmInRadiusRange150_280

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

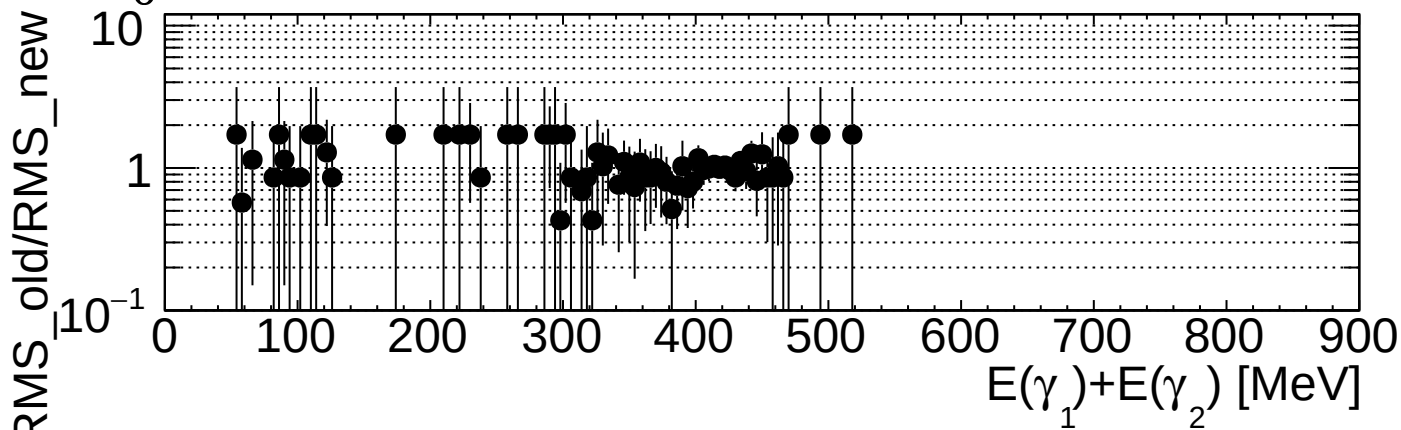


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



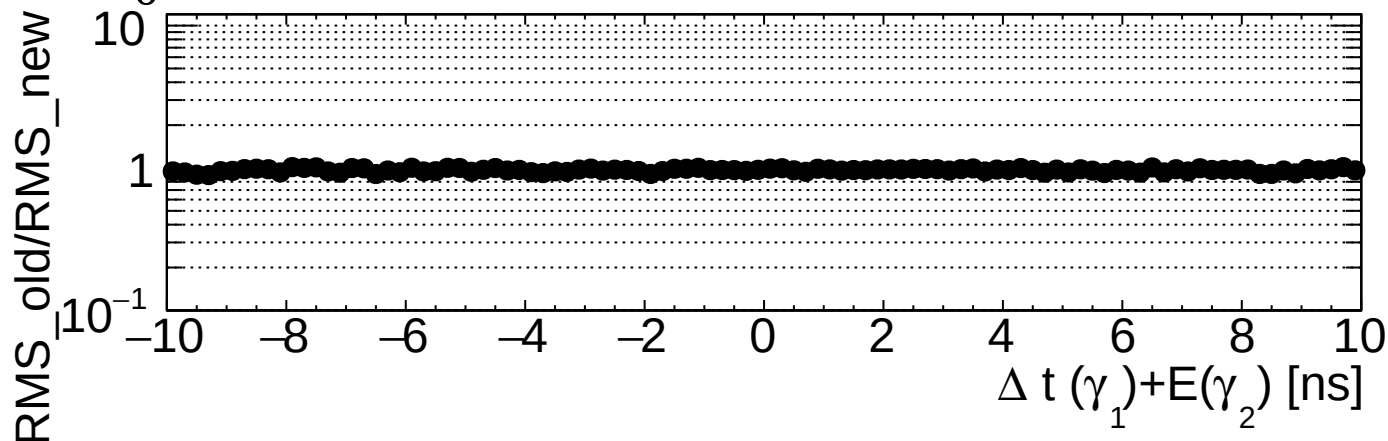
ECAL_dTime_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



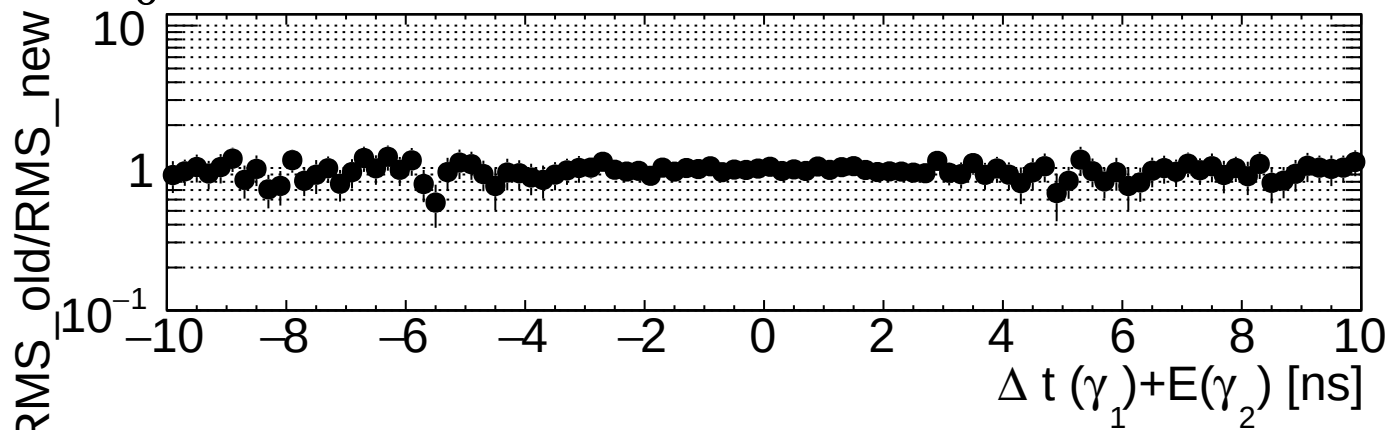
ECAL_dTime_10ns_UnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



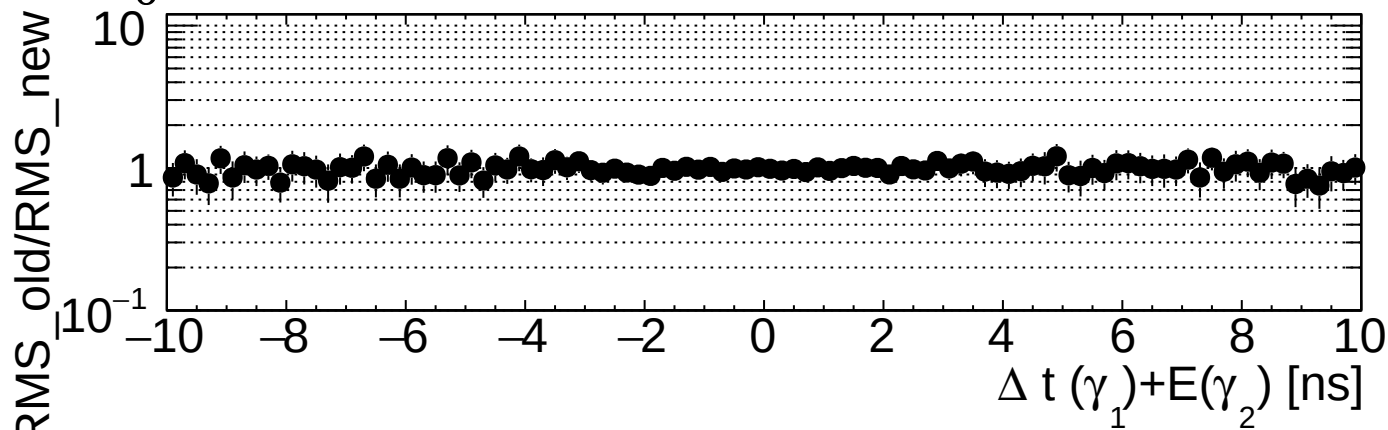
ECAL_dTime_10ns20DegreeDeltaTheta

PADMEInternal

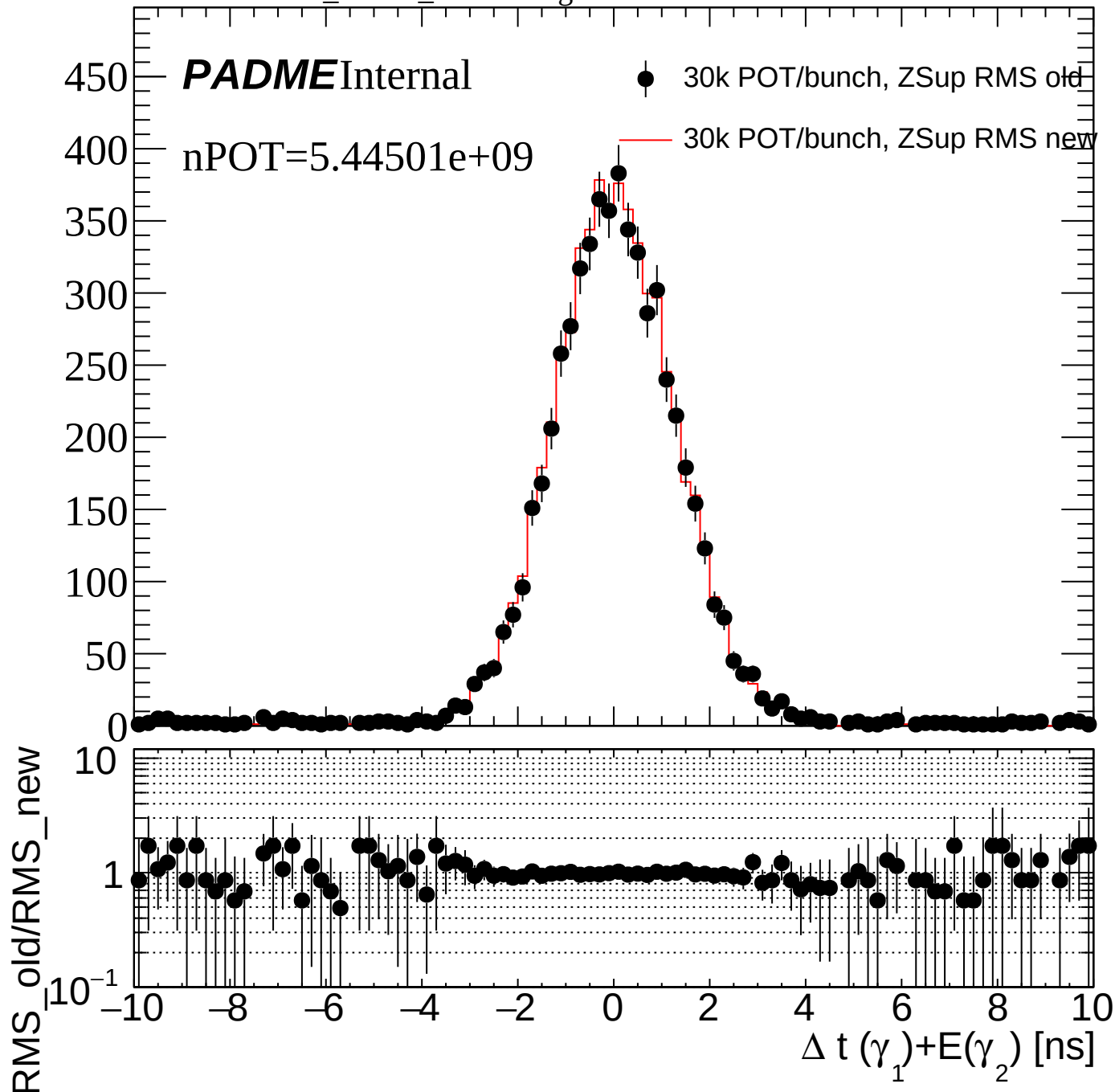
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90



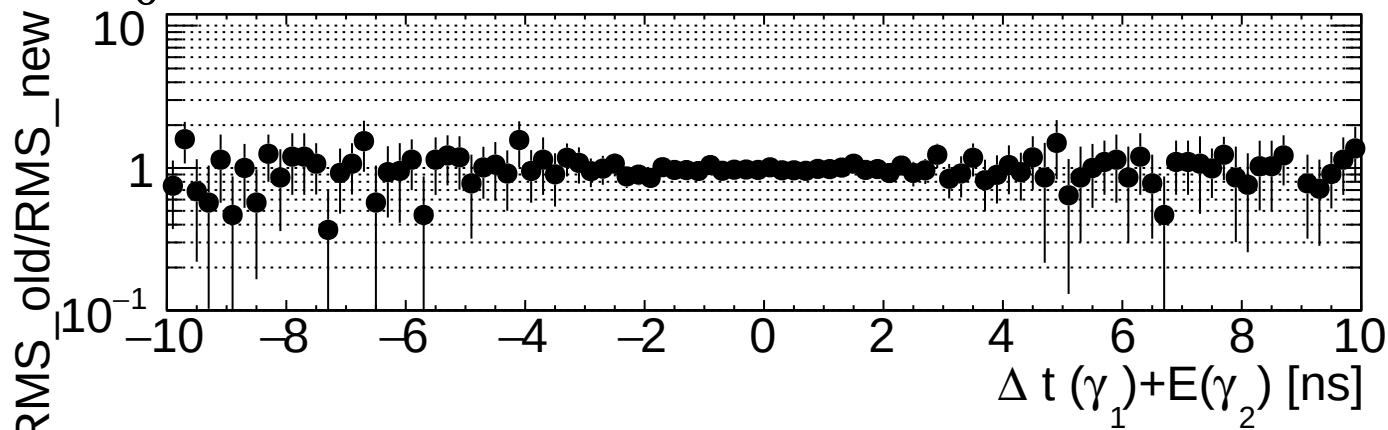
ECAL_dTime_10ns5DegreeDeltaTheta

PADMEInternal

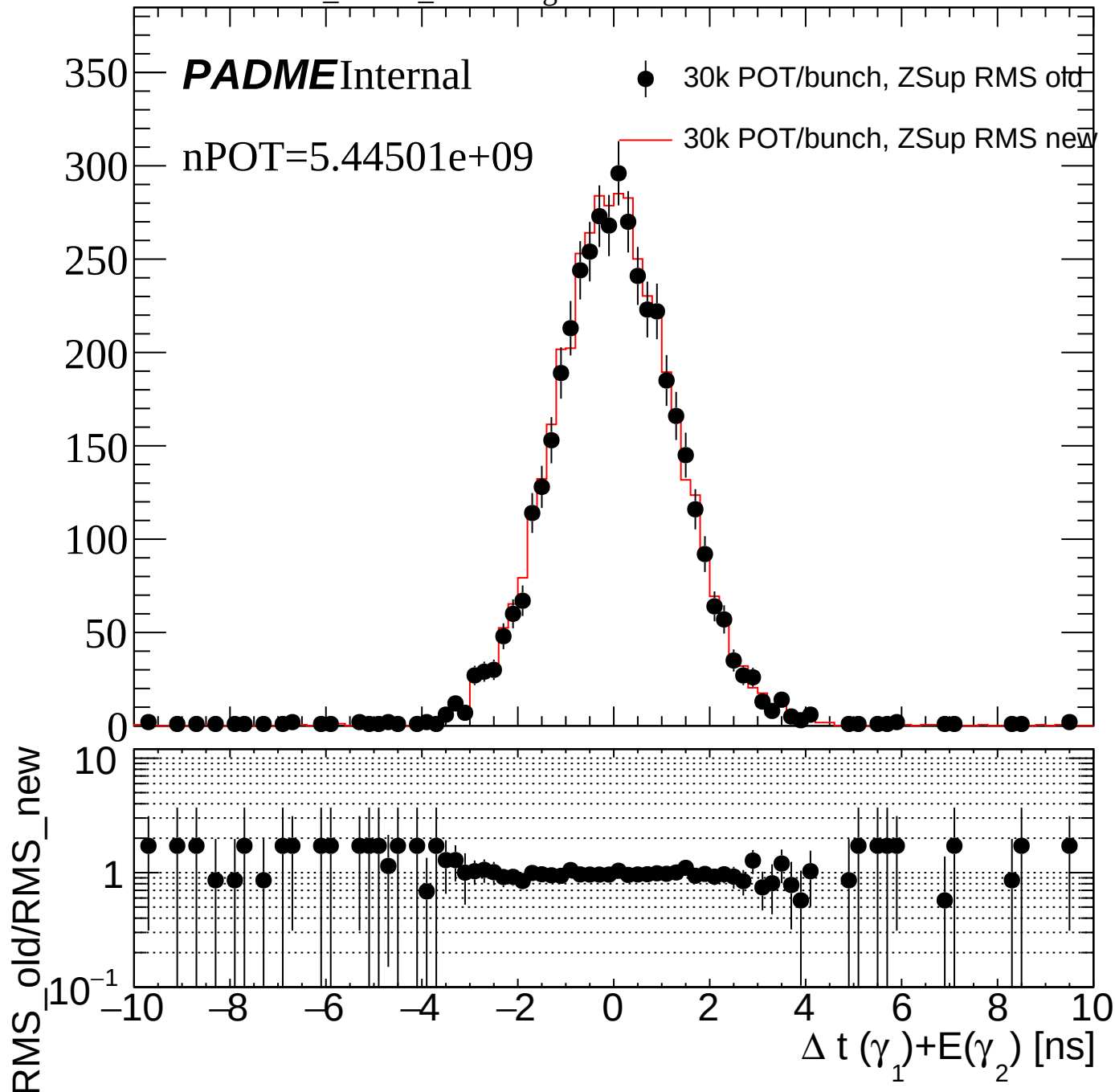
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90



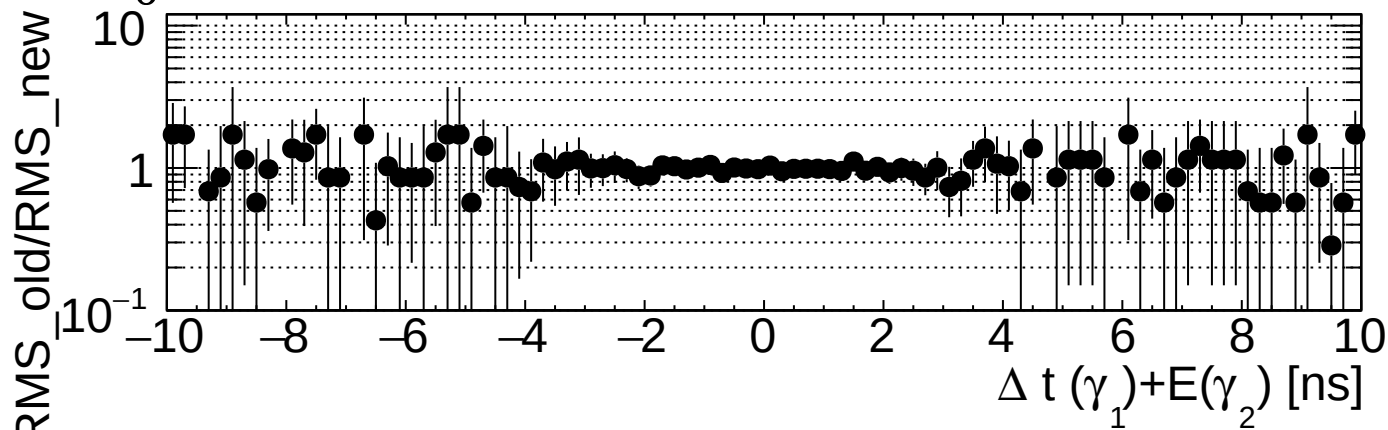
ECAL_dTime_10ns1CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



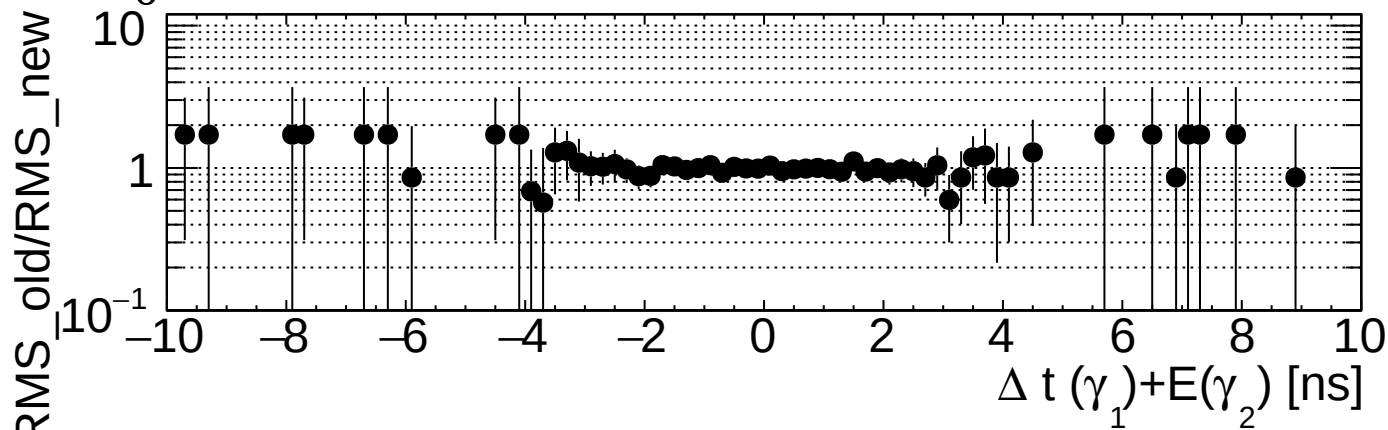
ECAL_dTime_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



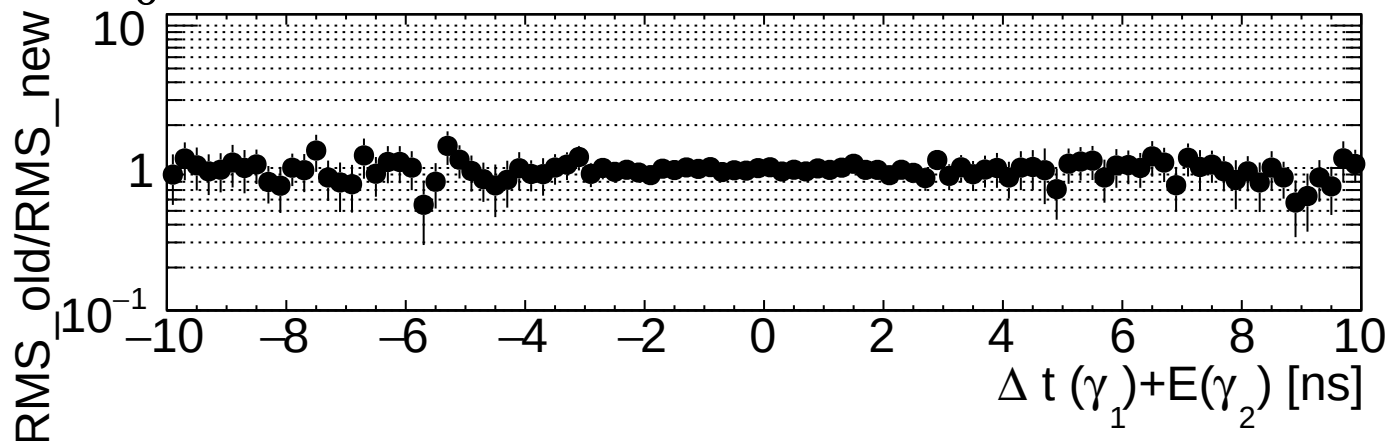
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PADMEInternal

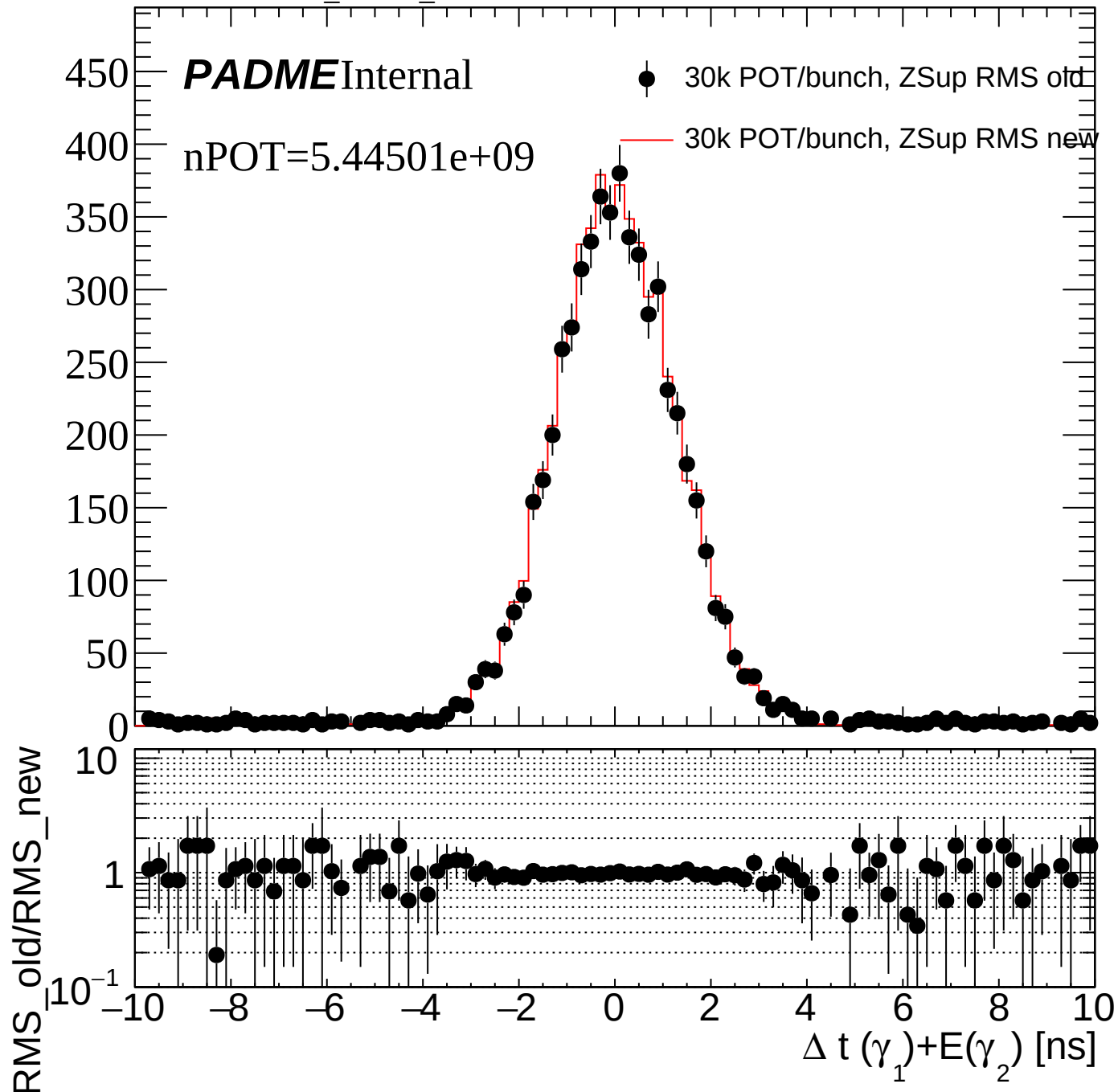
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_dTime_10ns3CoGUnderPeakEThr90



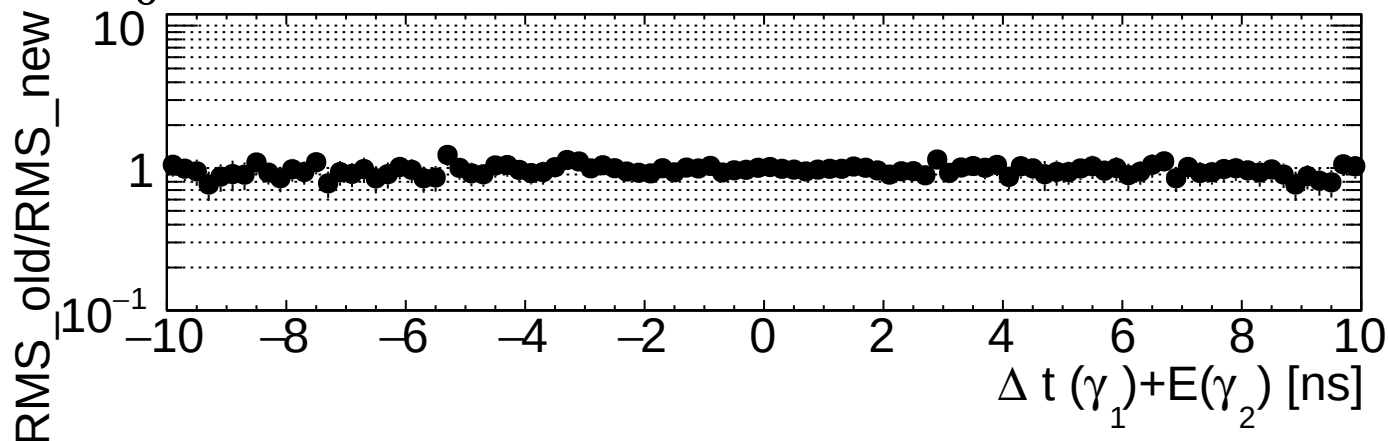
ECAL_dTime_10ns5CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



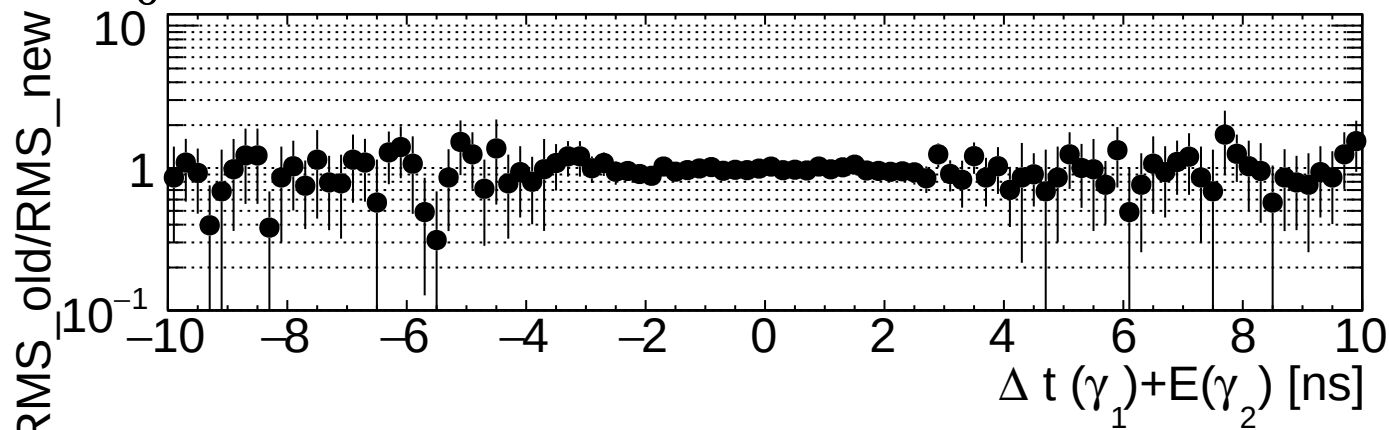
ECAL_dTime_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



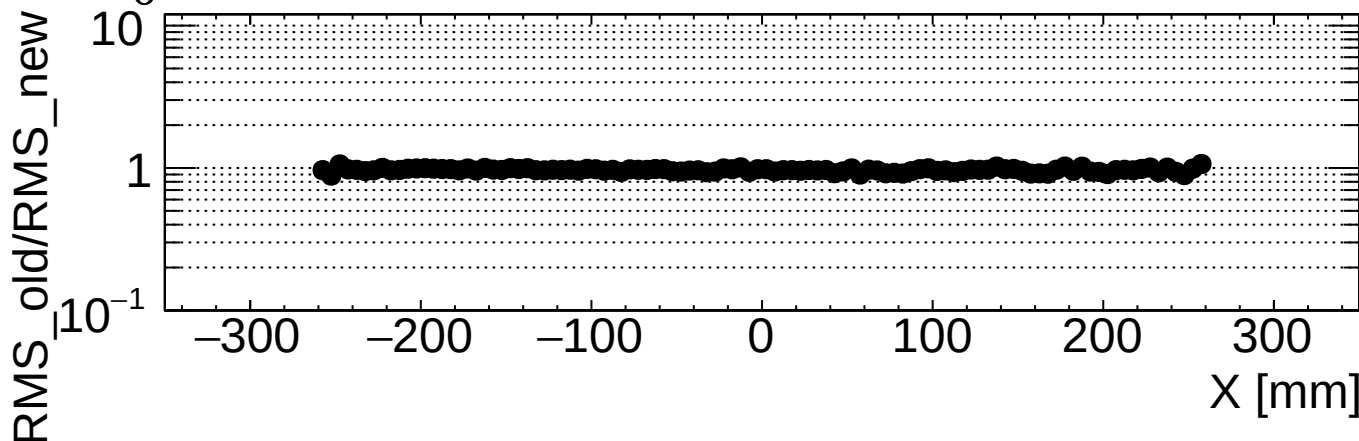
ECAL_Xgg_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



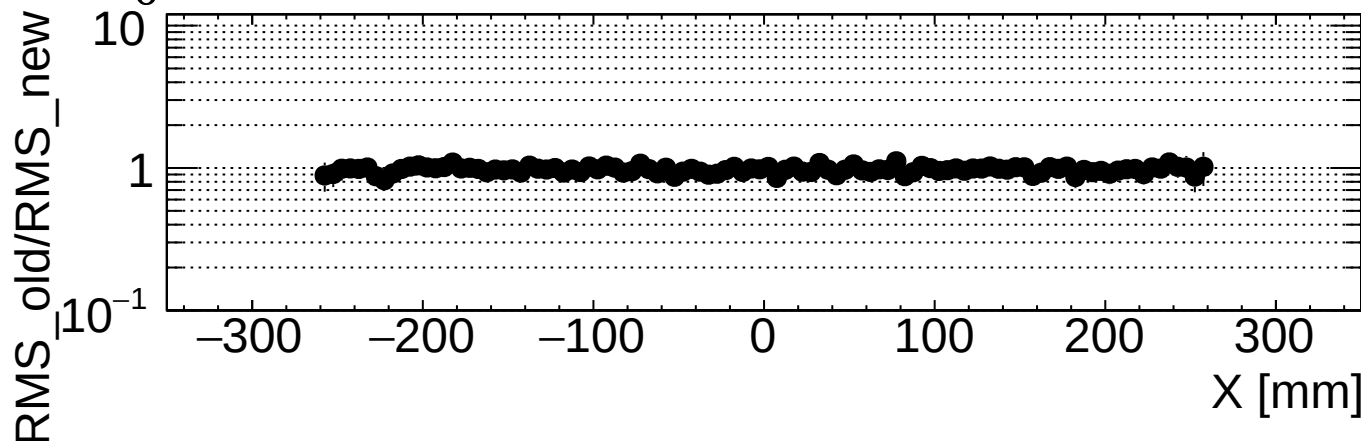
ECAL_Xgg_10ns20Degree

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



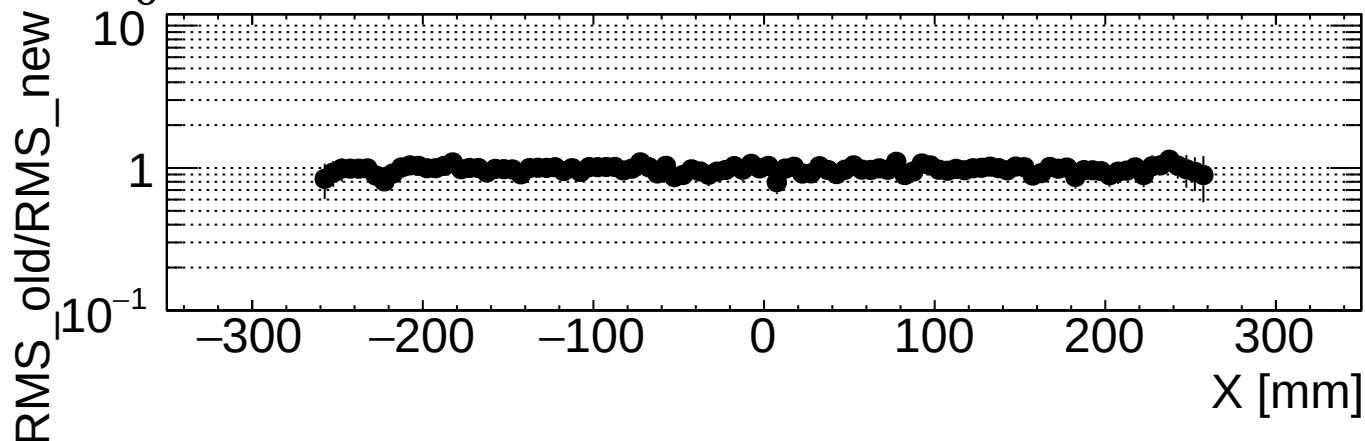
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



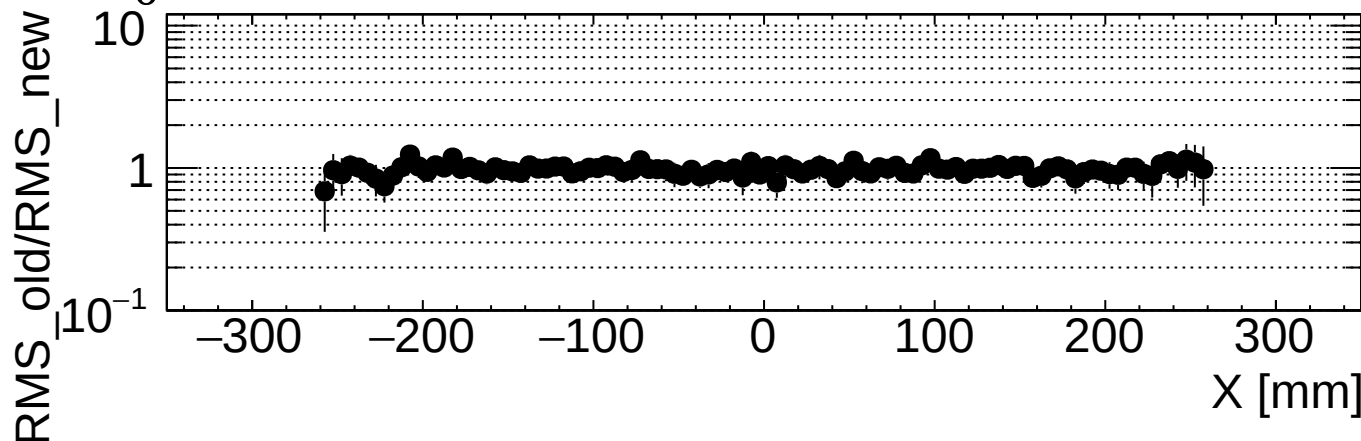
ECAL_Xgg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



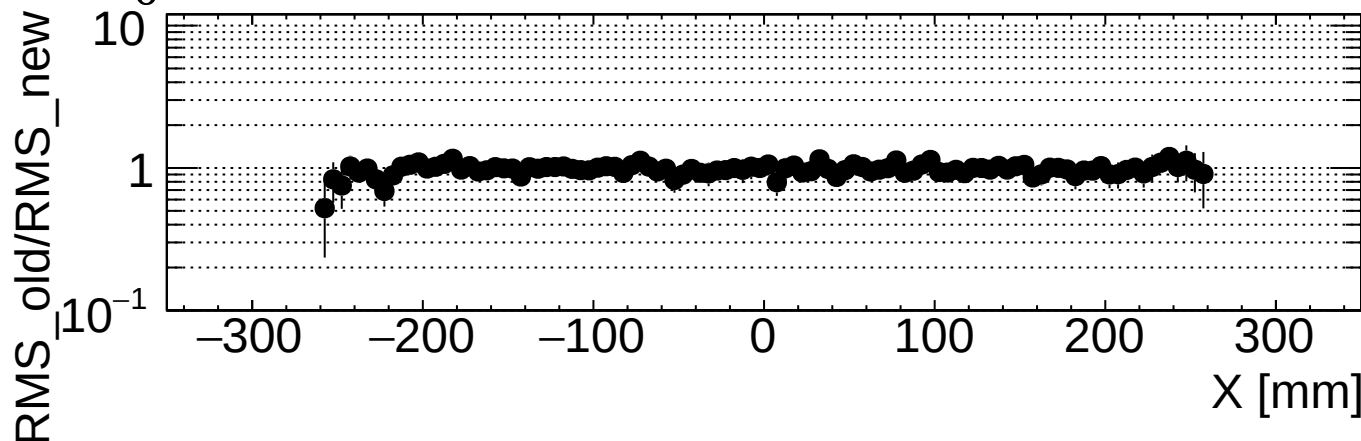
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



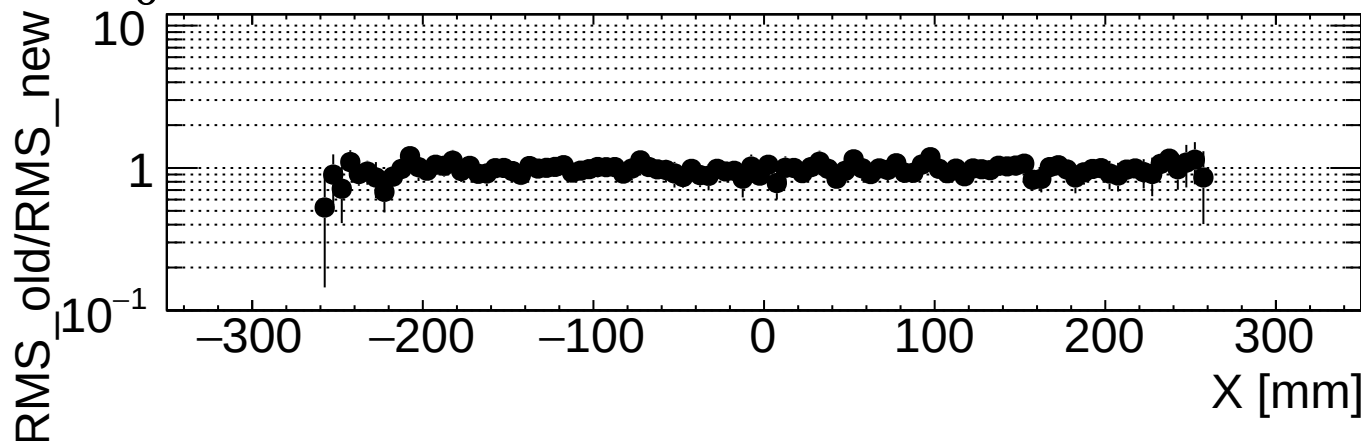
ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



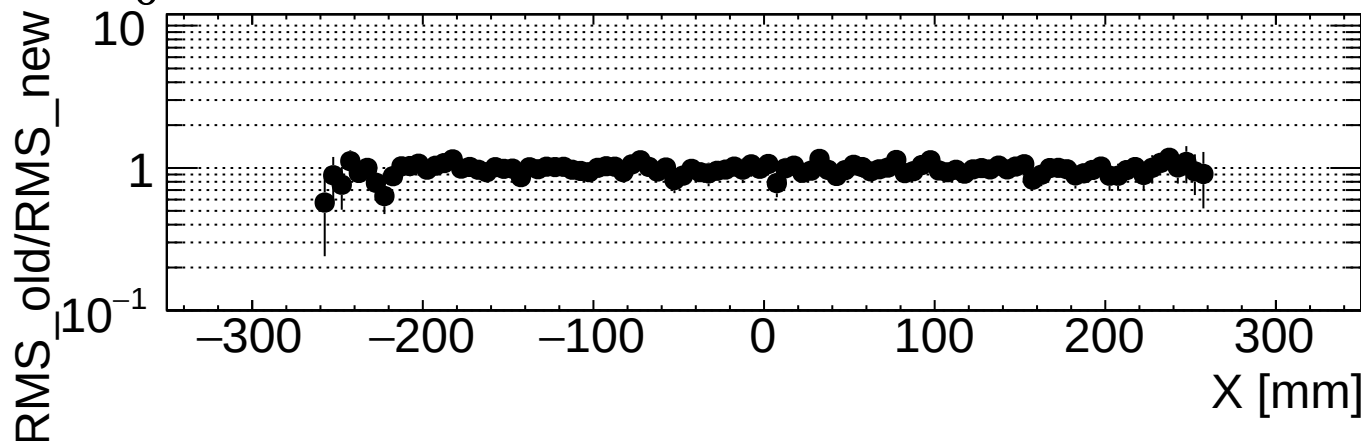
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeakEThr90

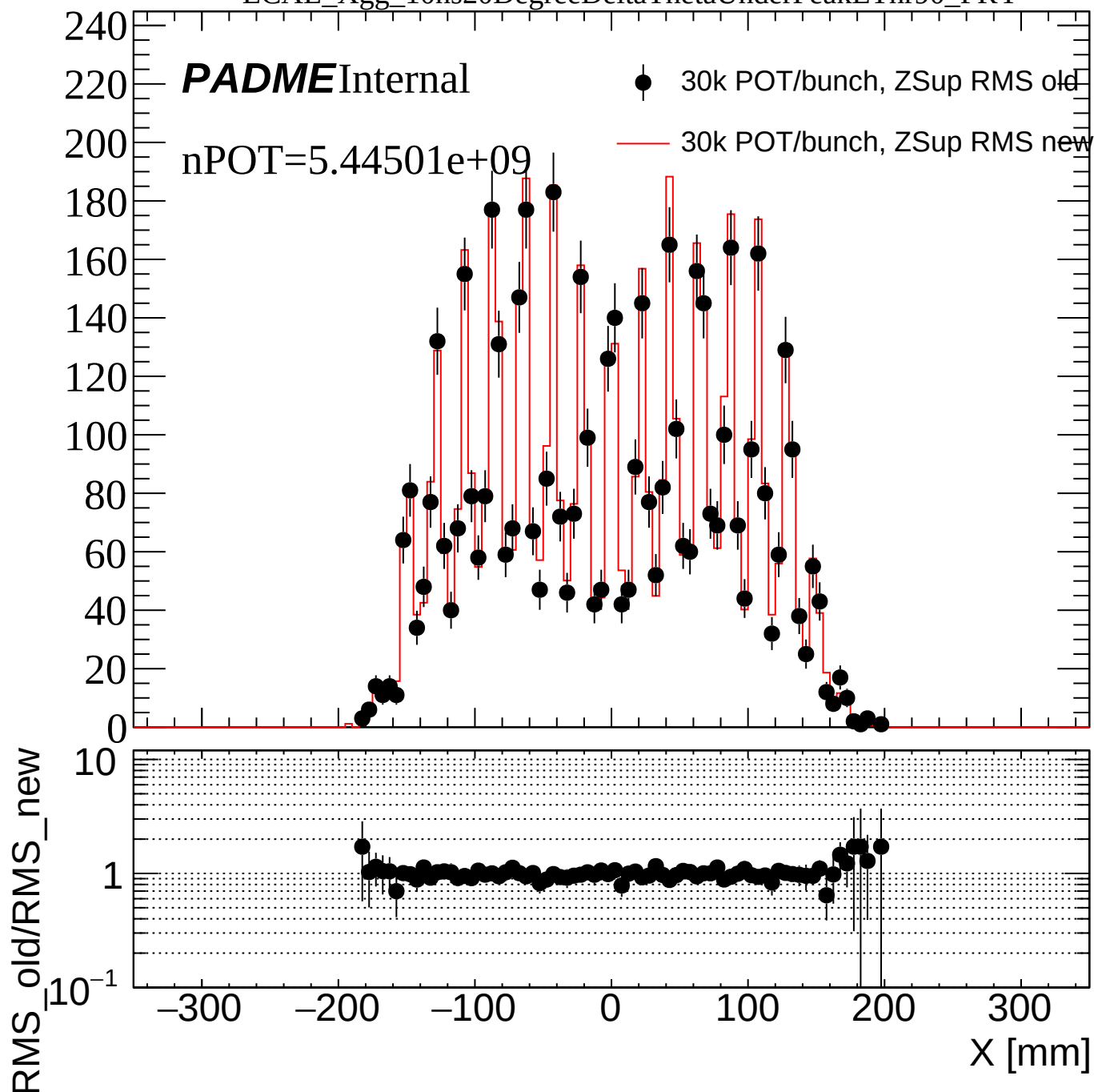
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





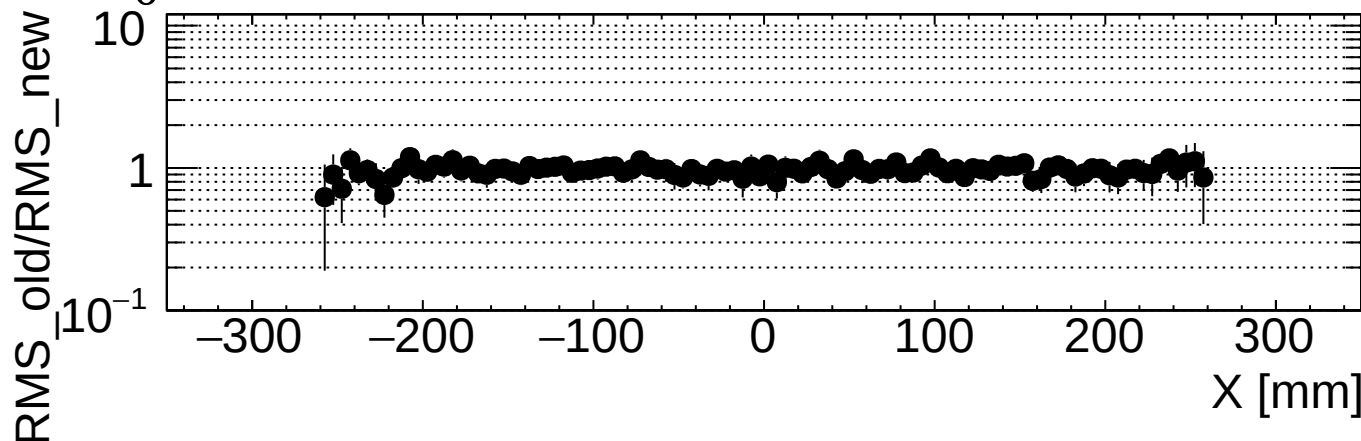
ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



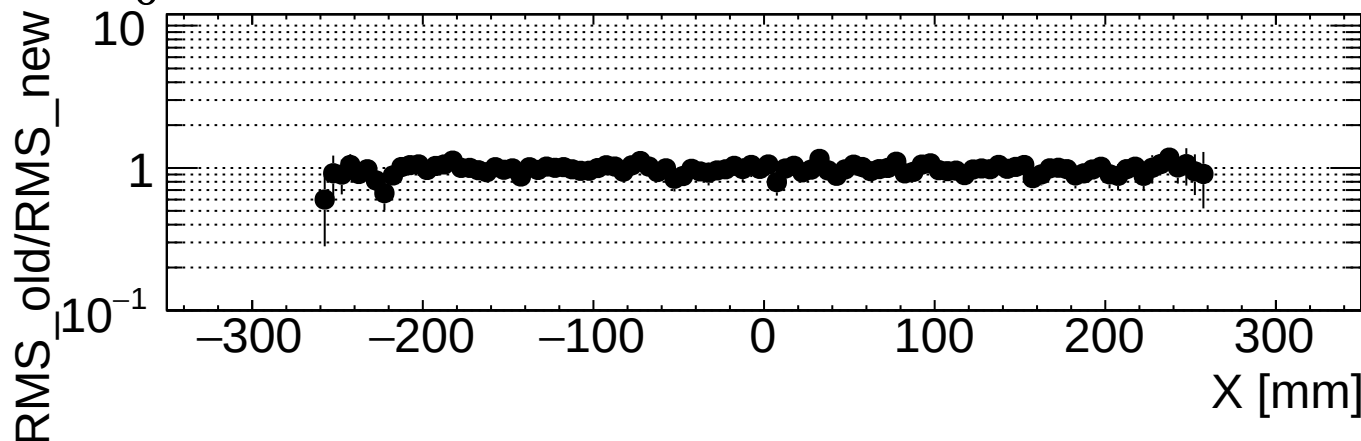
ECAL_Xgg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



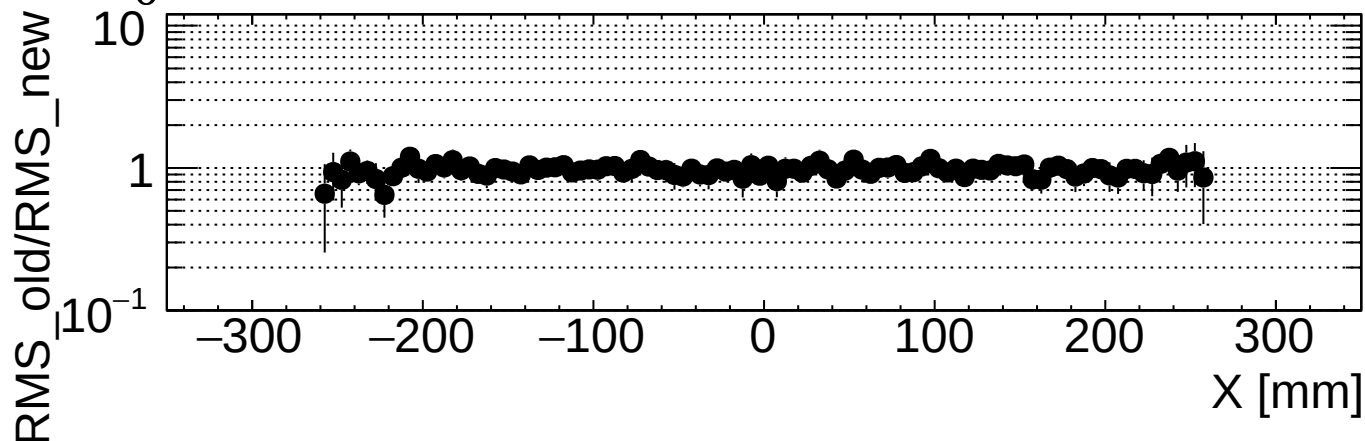
ECAL_Xgg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



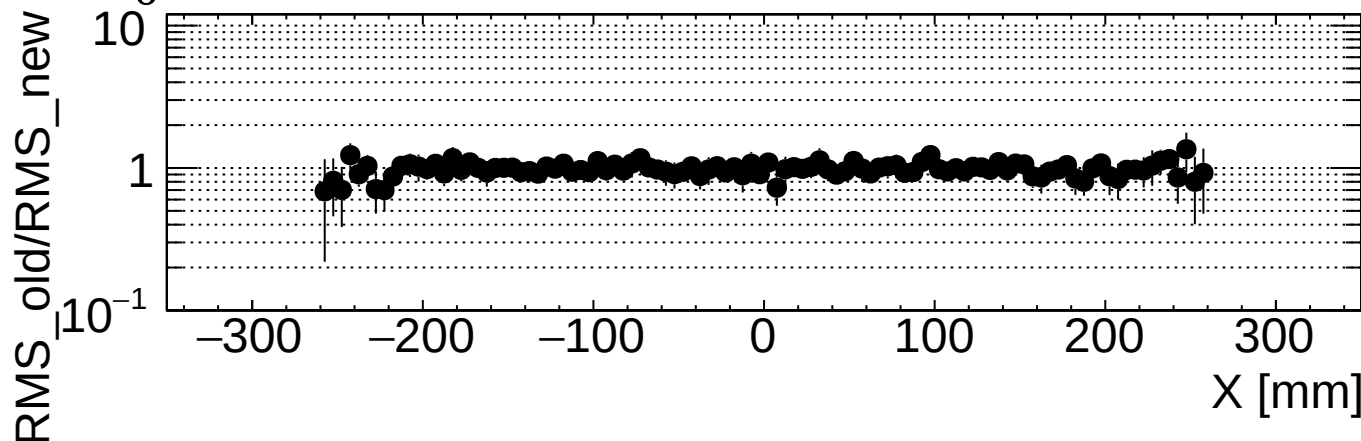
ECAL_Xgg_10ns1CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



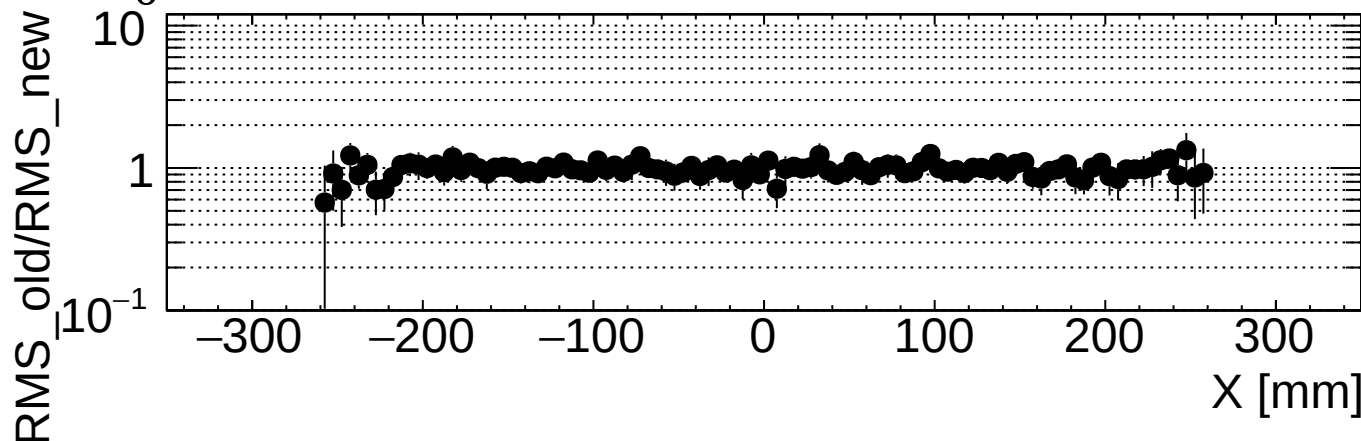
ECAL_Xgg_10ns1CoGUnderPeak

PADMEInternal

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● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



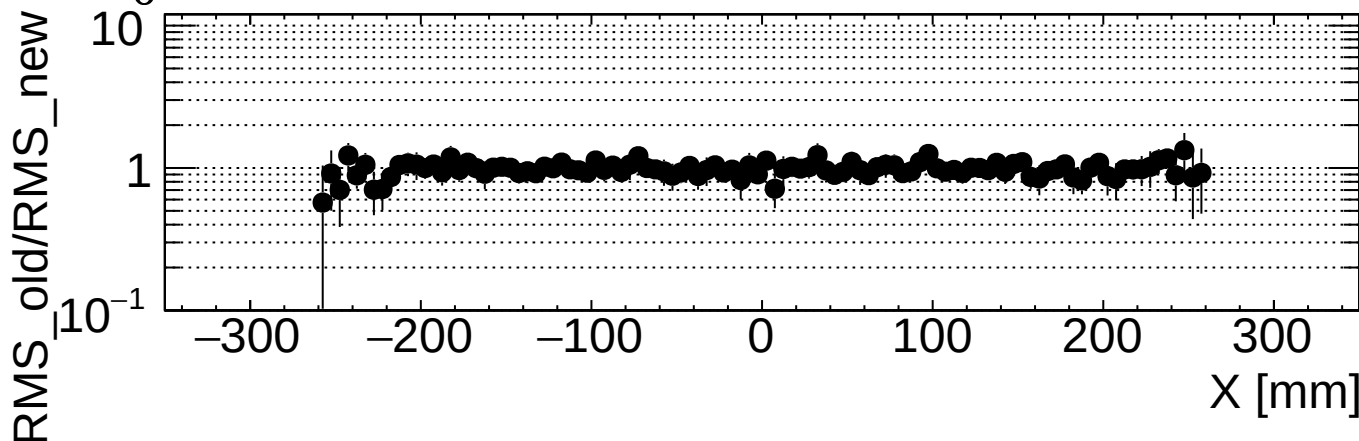
ECAL_Xgg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



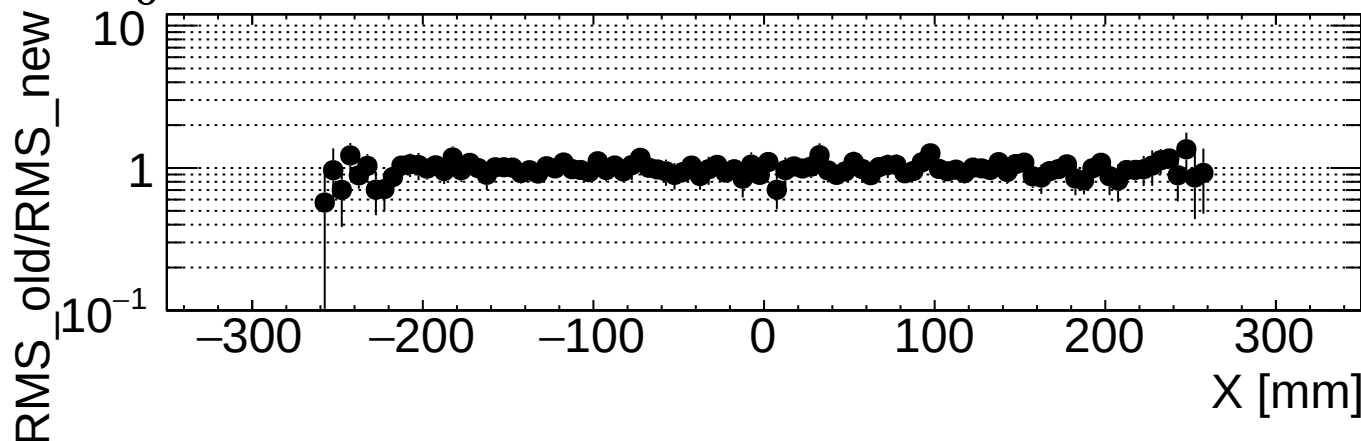
ECAL_Xgg_10ns1CoGEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



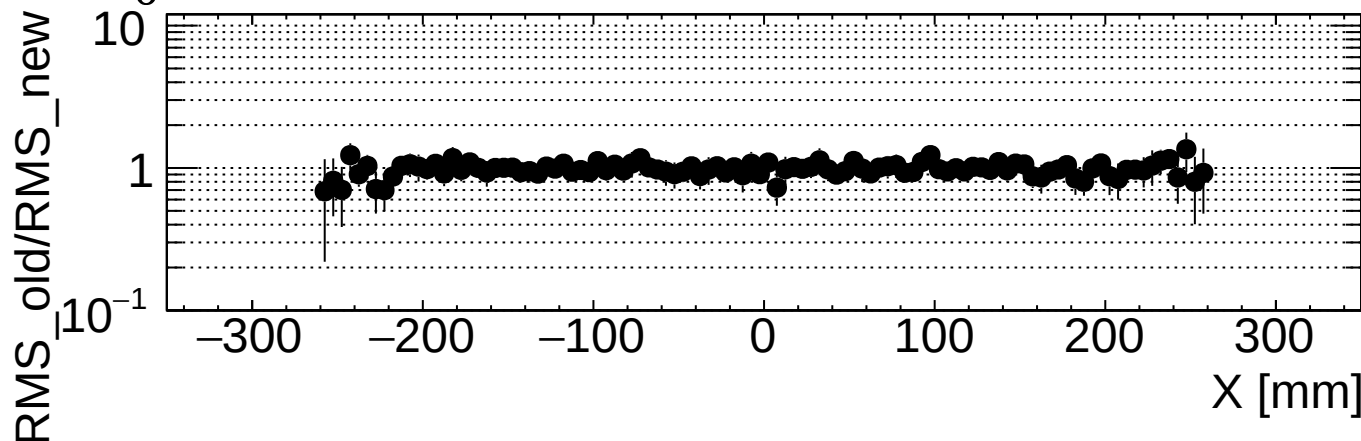
ECAL_Xgg_10ns1CoG20Degree

PADMEInternal

nPOT=5.44501e+09

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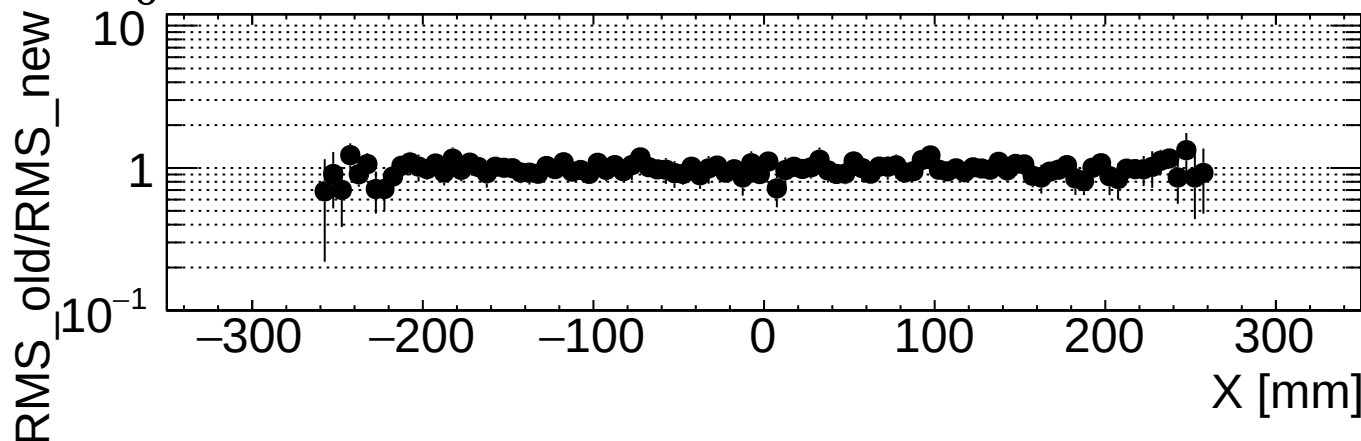
ECAL_Xgg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



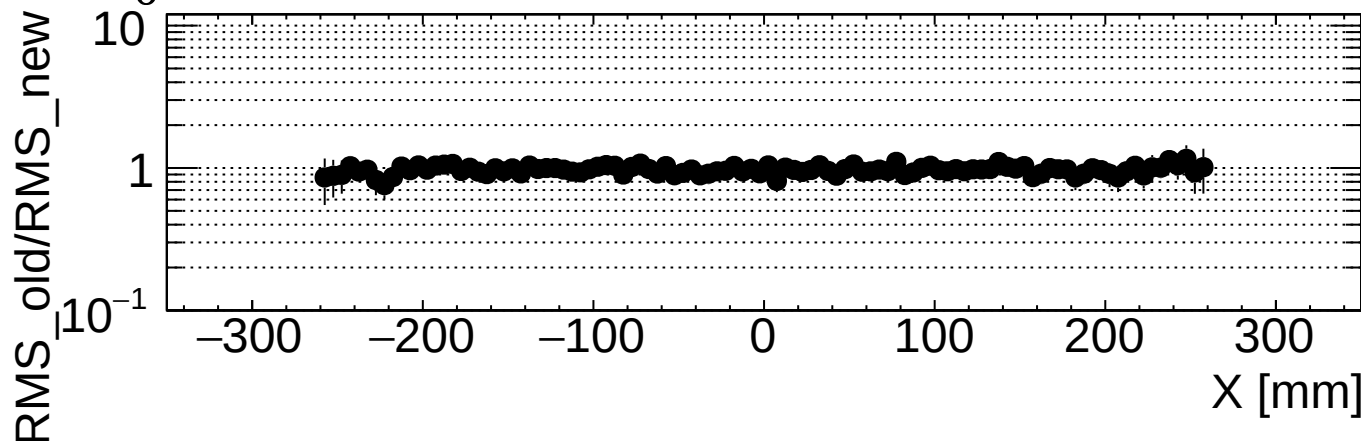
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



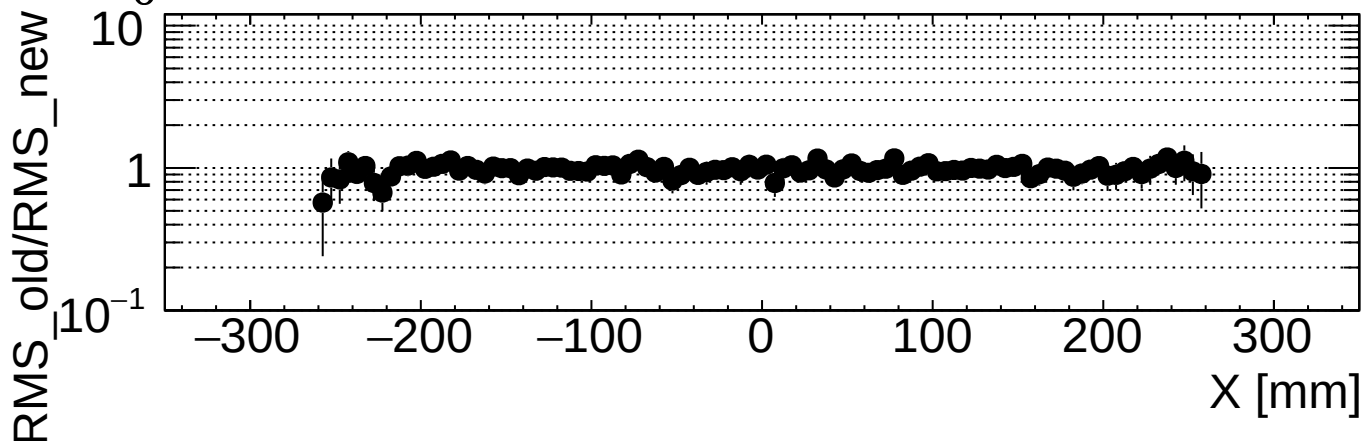
ECAL_Xgg_10ns3CoGUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



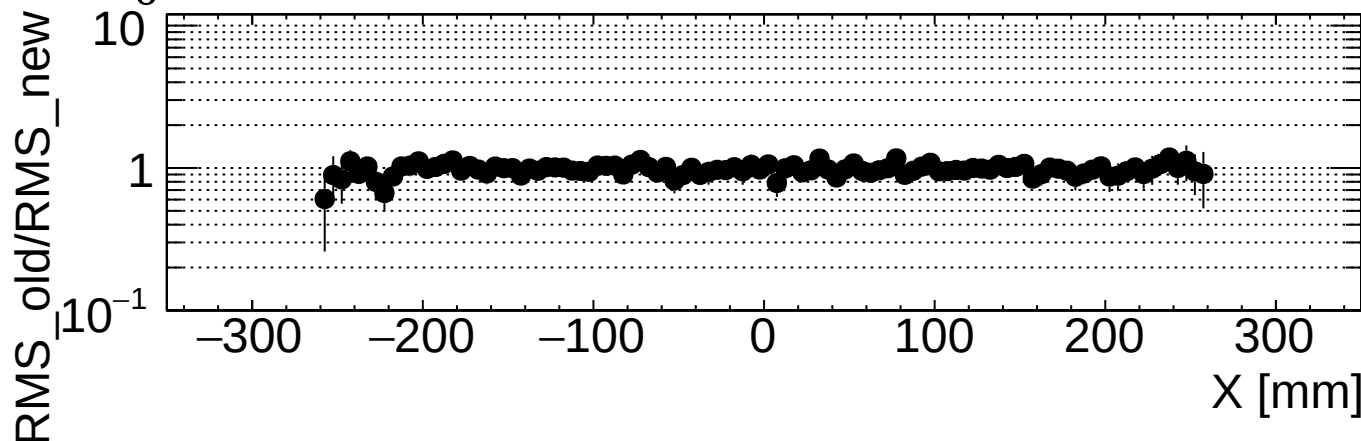
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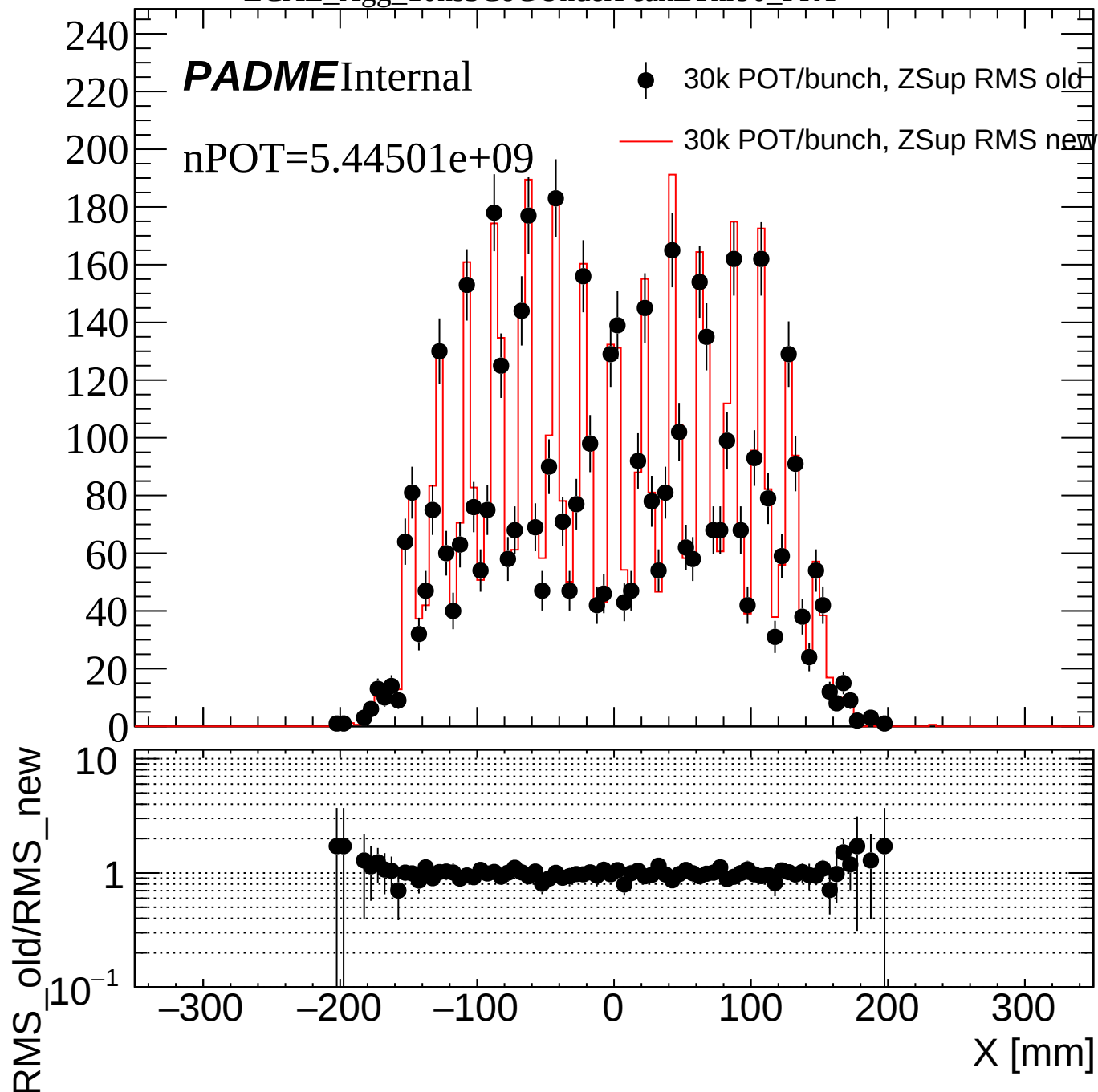
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





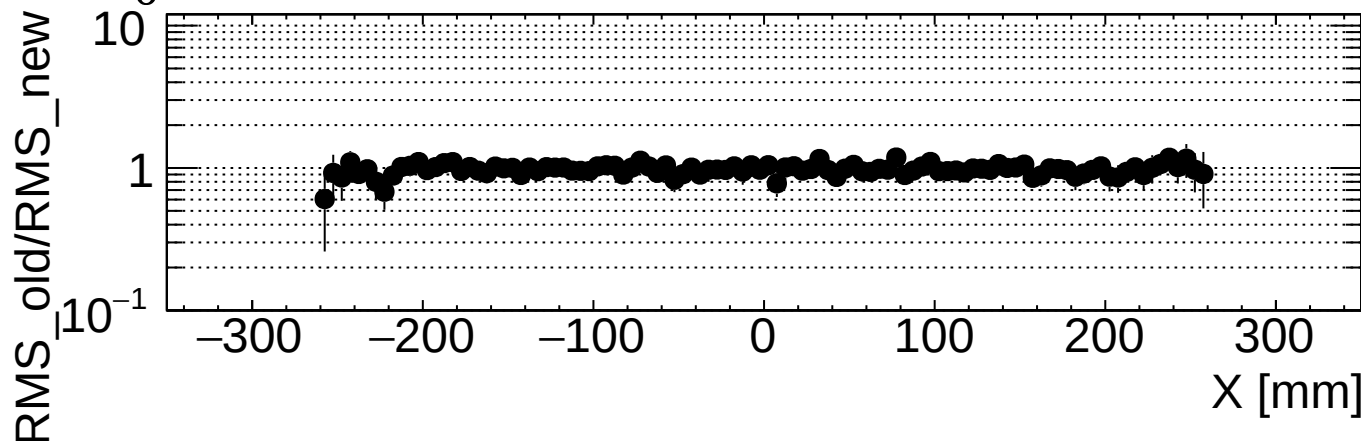
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



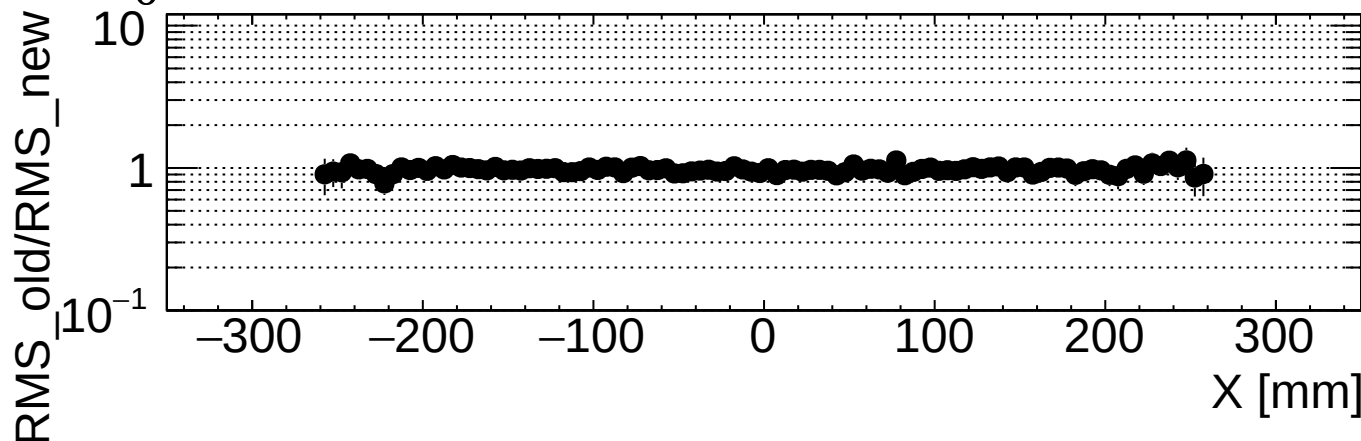
ECAL_Xgg_10ns5CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



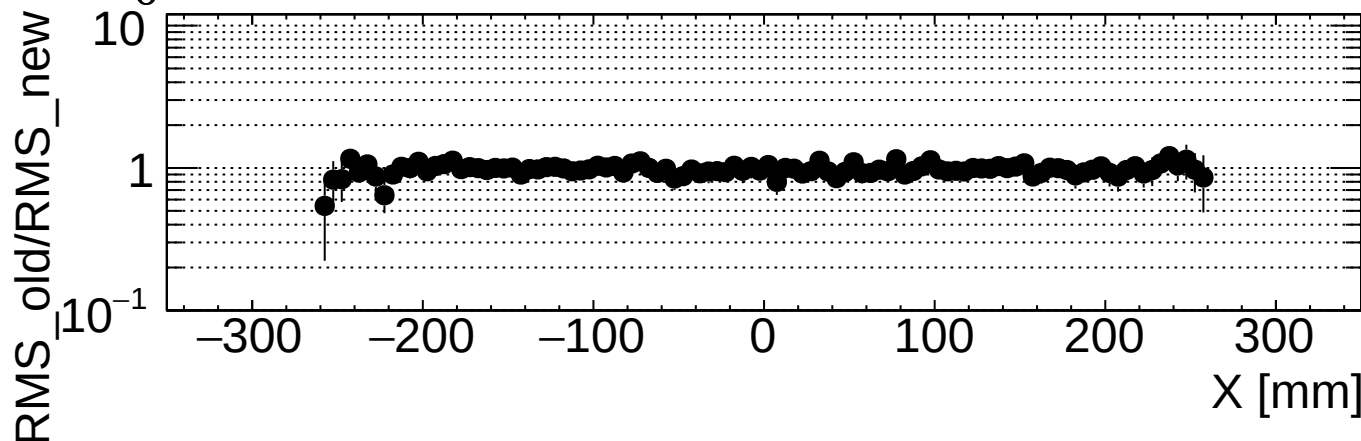
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PADMEInternal

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● 30k POT/bunch, ZSup RMS old

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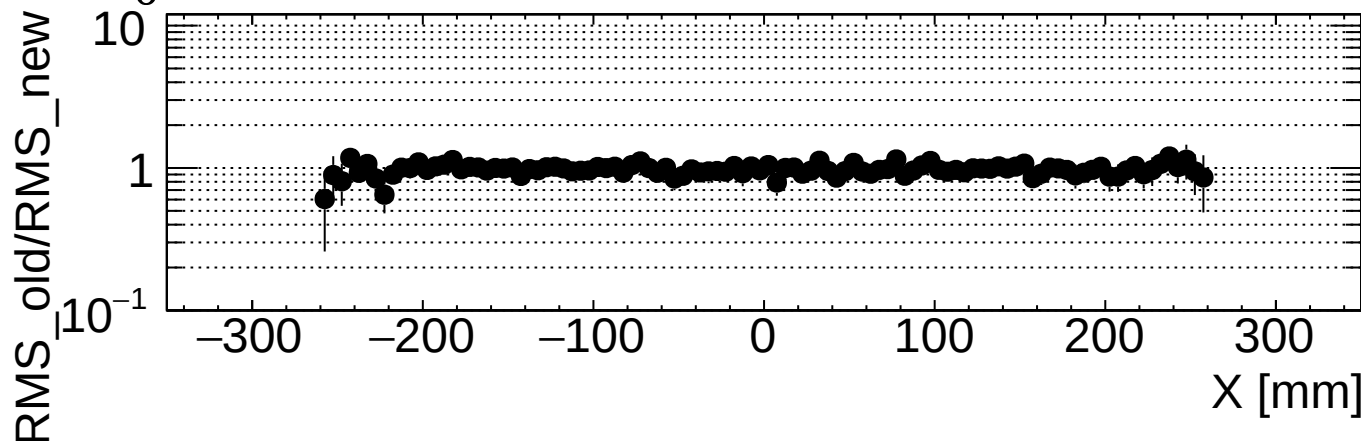
ECAL_Xgg_10ns5CoGUnderPeakEThr90

PADMEInternal

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● 30k POT/bunch, ZSup RMS old

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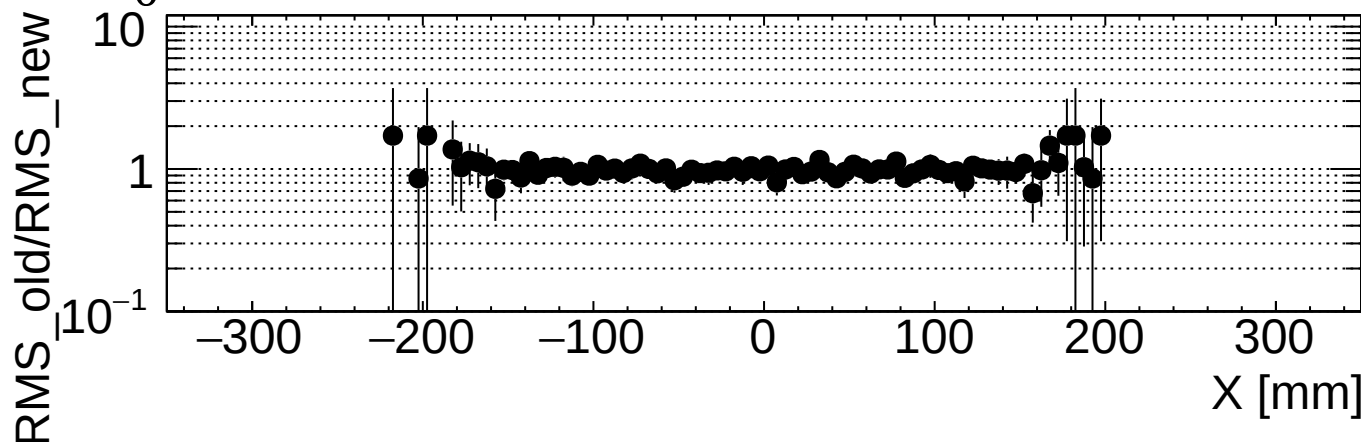


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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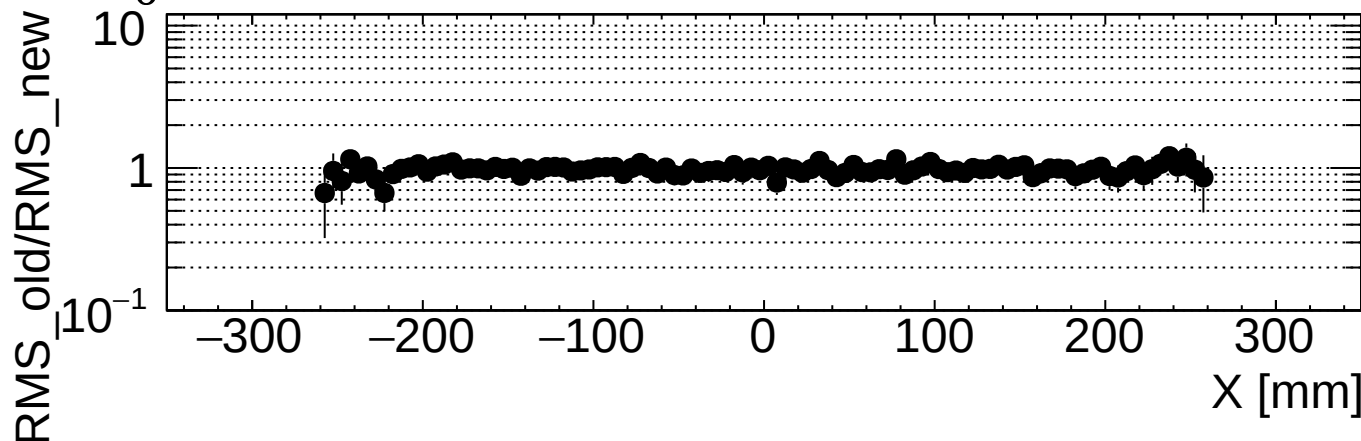
ECAL_Xgg_10ns5CoGEThr90

PADMEInternal

nPOT=5.44501e+09

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— 30k POT/bunch, ZSup RMS new



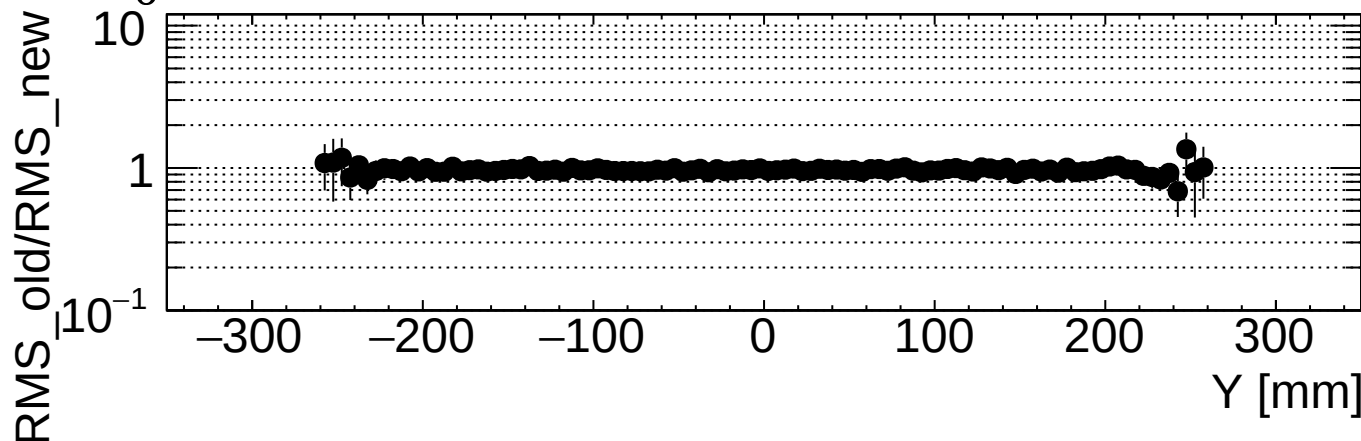
ECAL_Ygg_10ns

PADMEInternal

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— 30k POT/bunch, ZSup RMS new



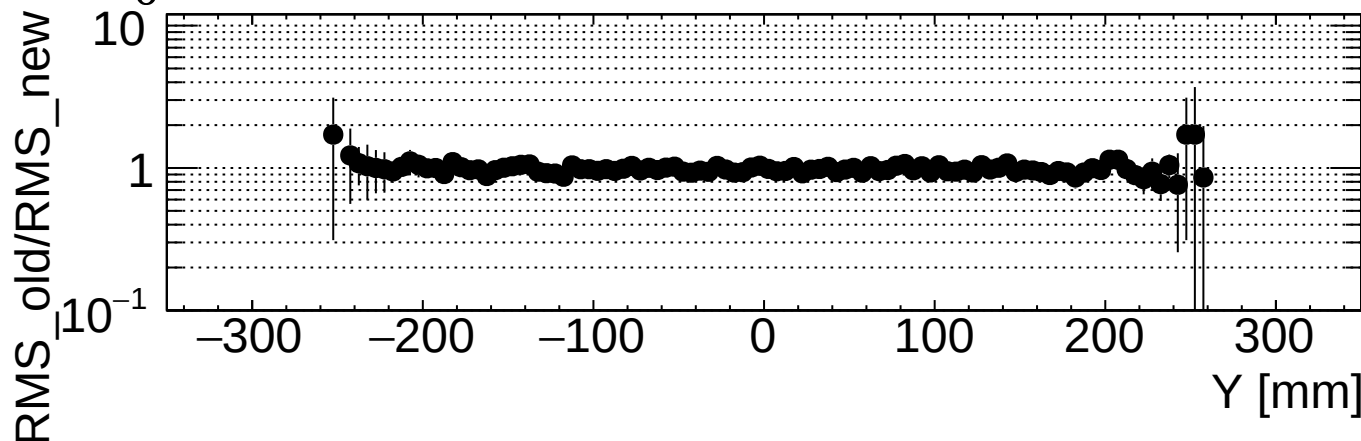
ECAL_Ygg_10ns20Degree

PADMEInternal

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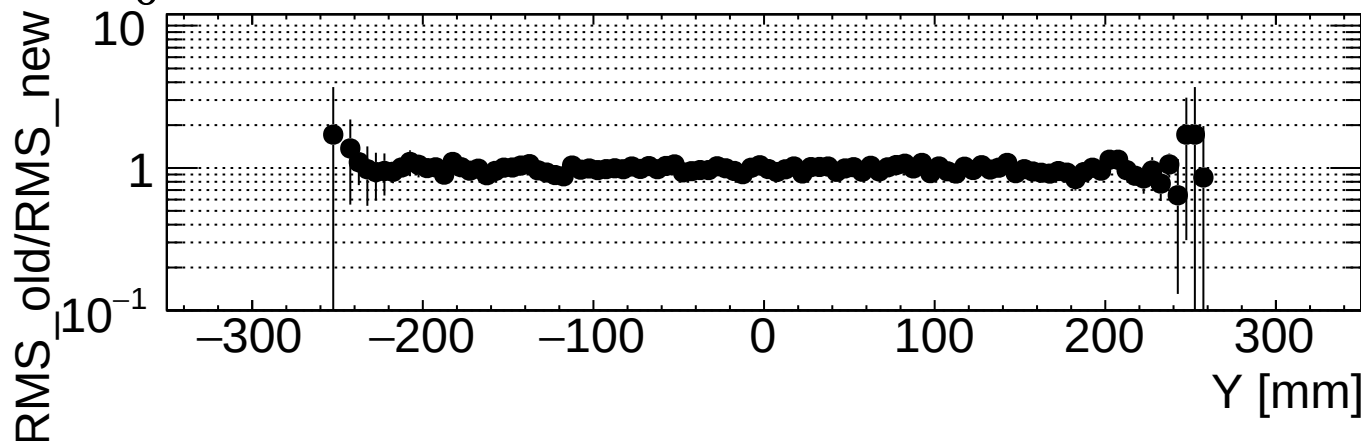
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



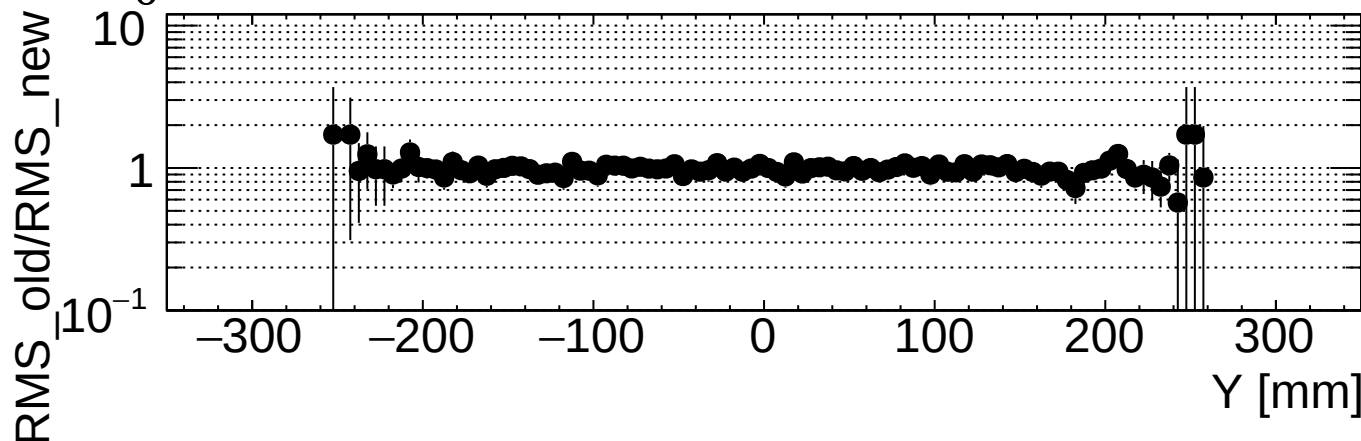
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



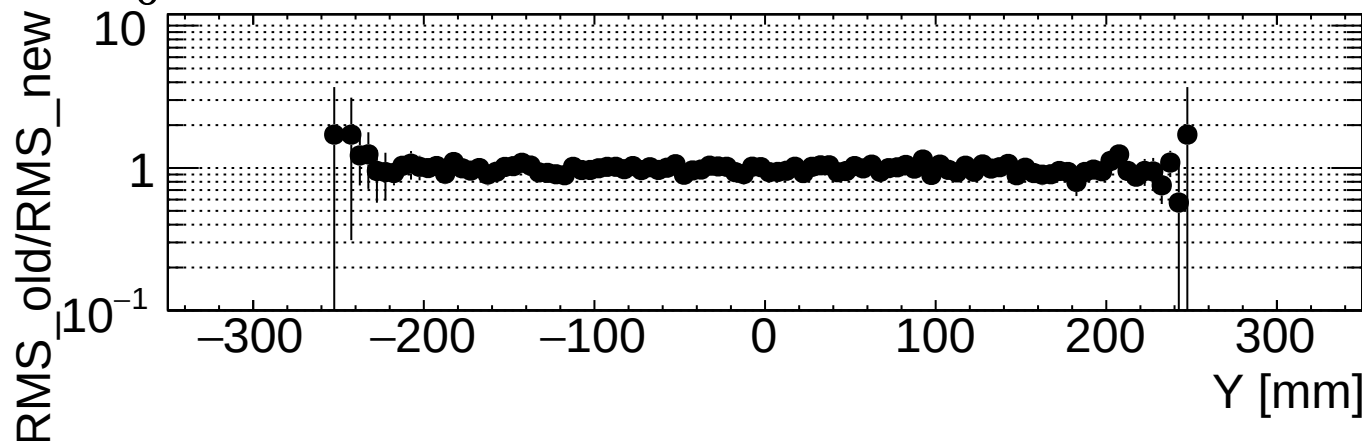
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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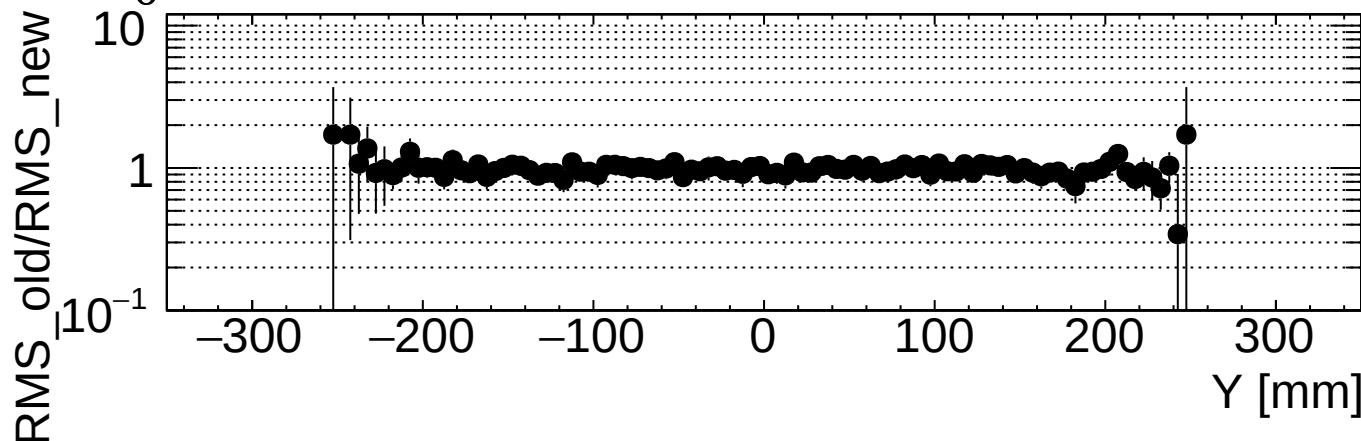
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



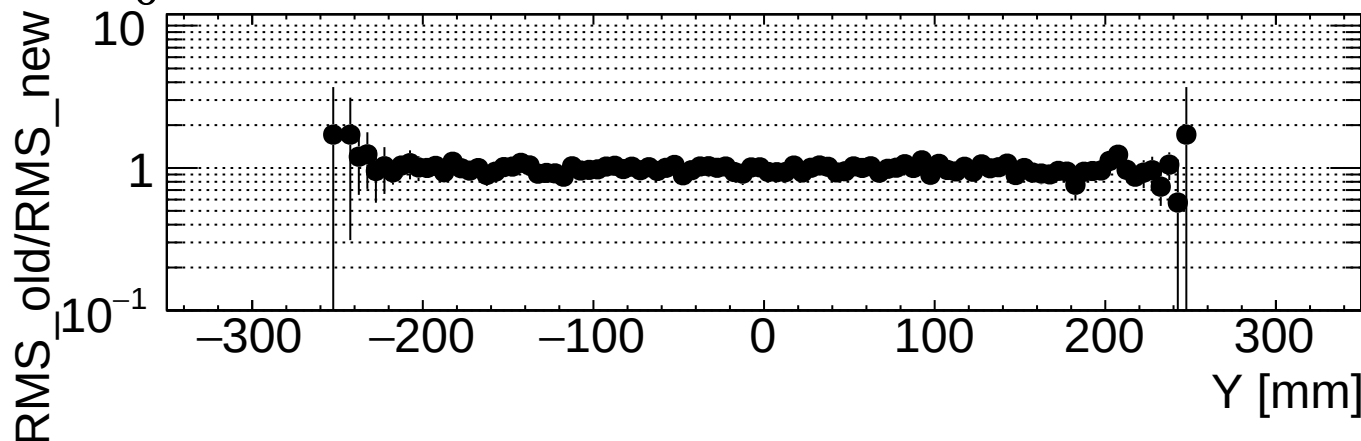
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeakEThr90

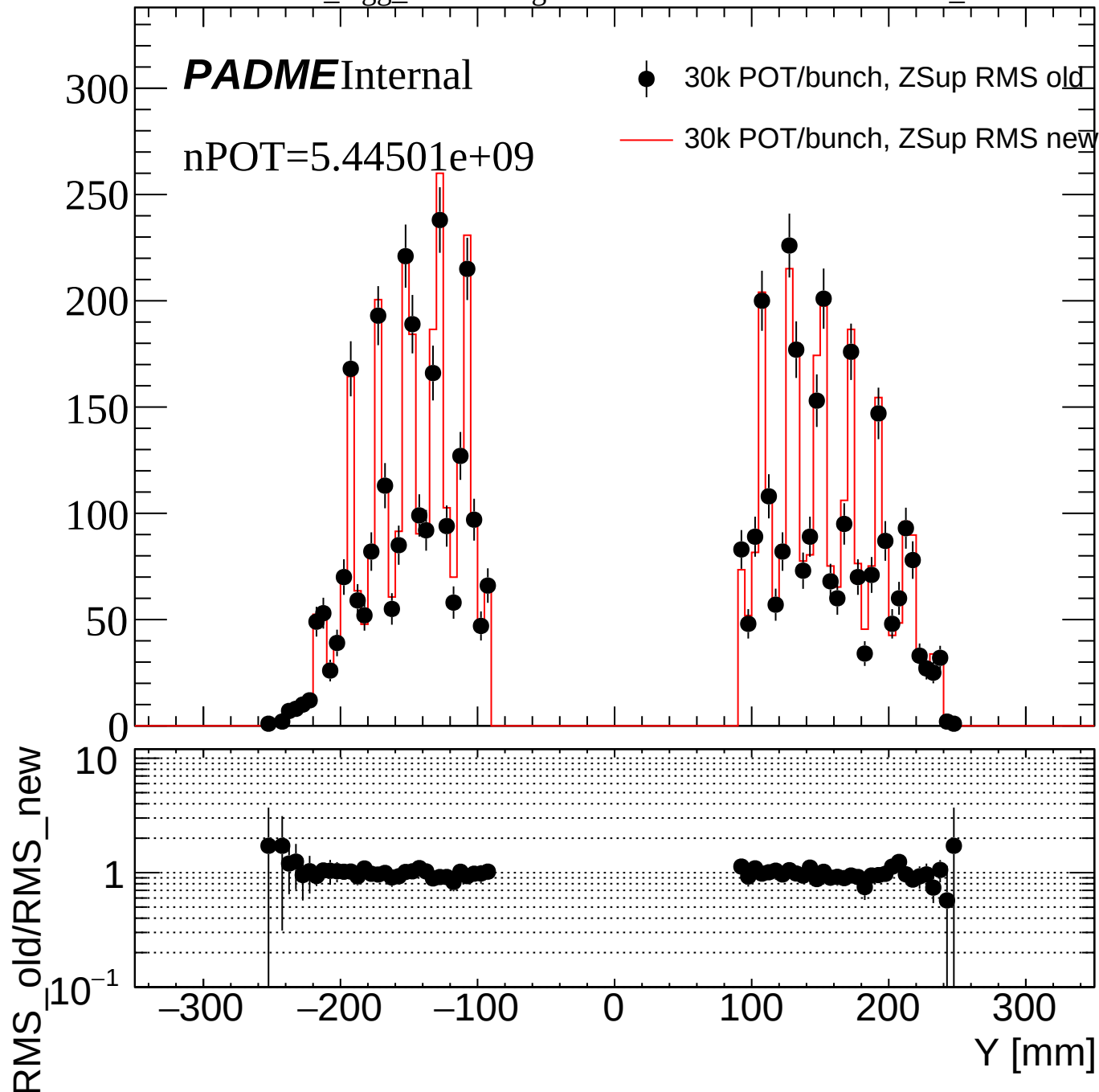
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





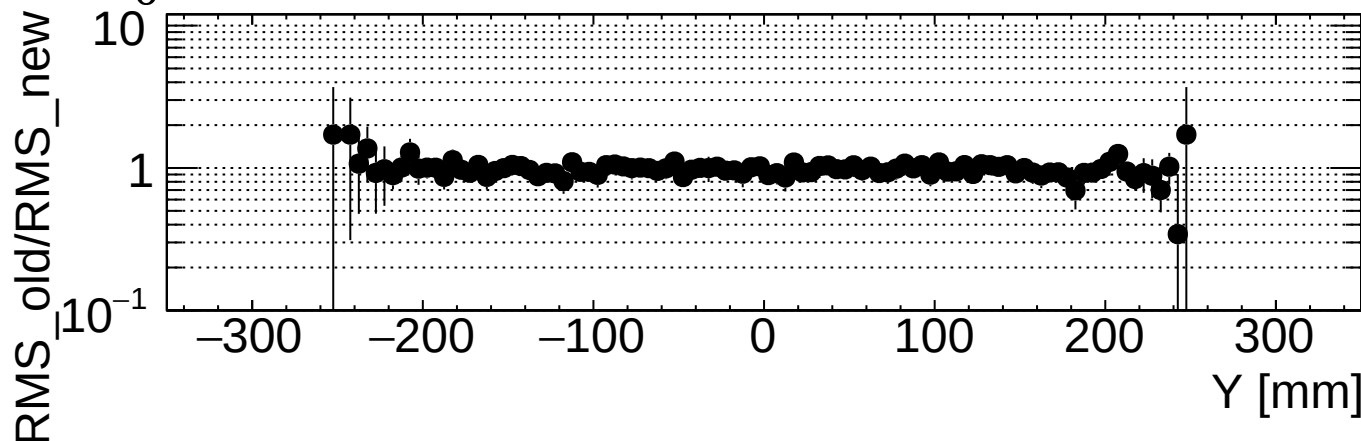
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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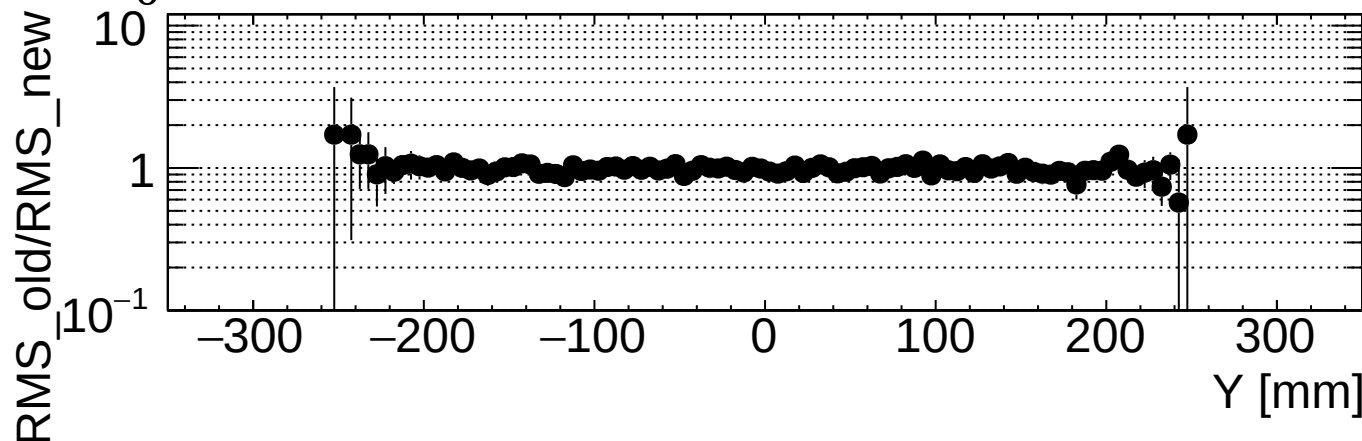
ECAL_Ygg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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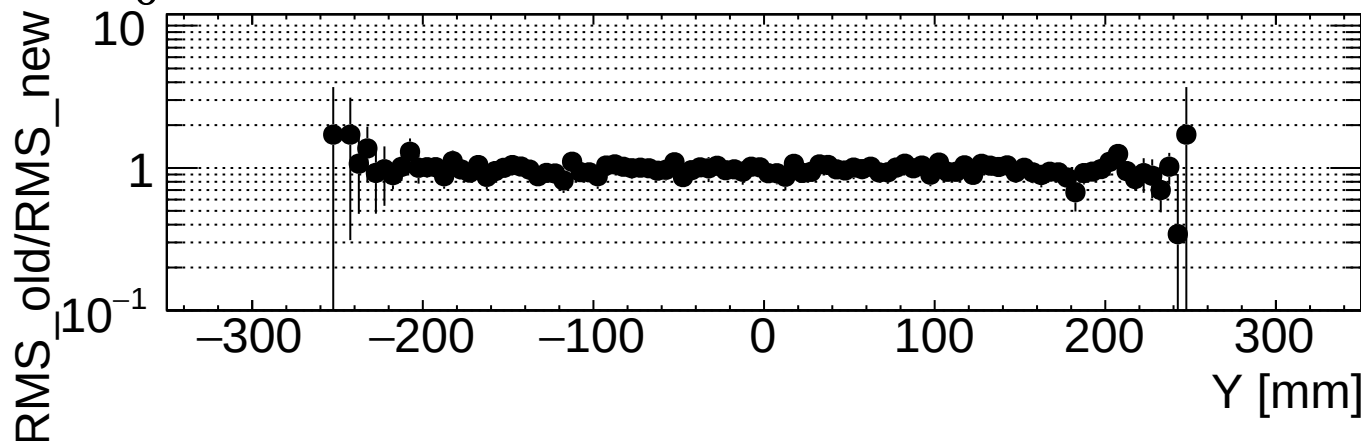
ECAL_Ygg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



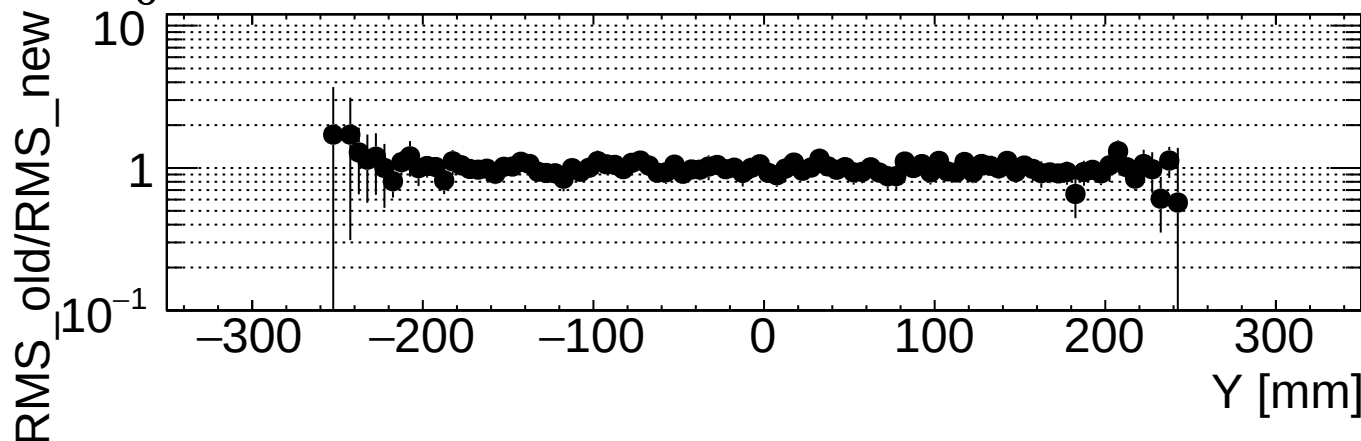
ECAL_Ygg_10ns1CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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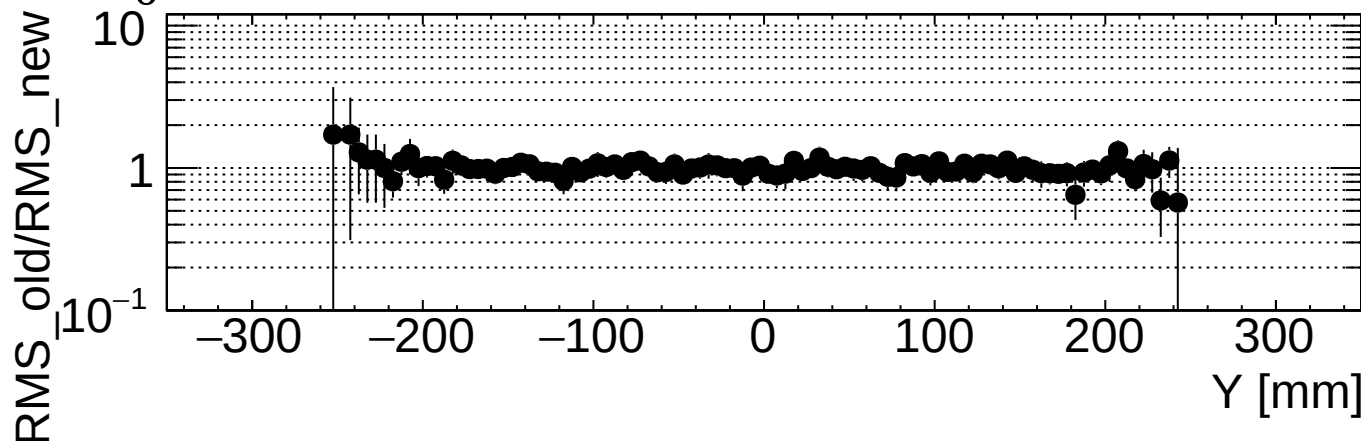
ECAL_Ygg_10ns1CoGUnderPeak

PADMEInternal

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● 30k POT/bunch, ZSup RMS old

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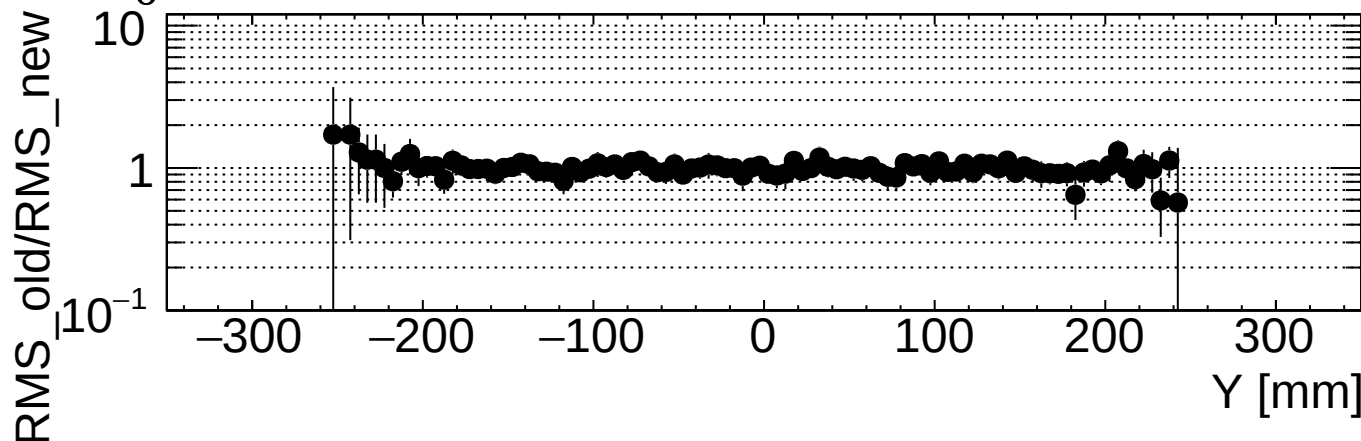
ECAL_Ygg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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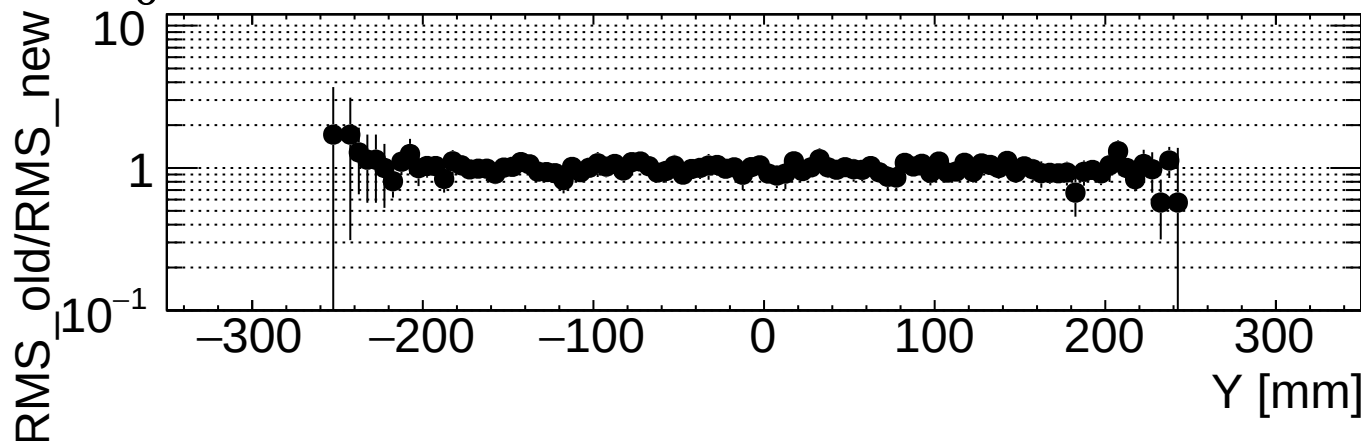
ECAL_Ygg_10ns1CoGEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



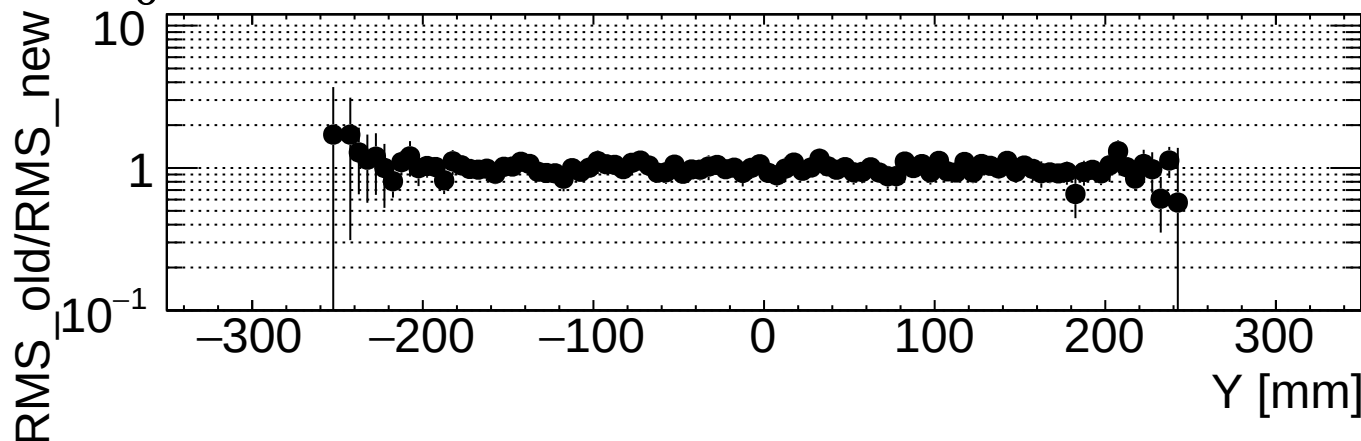
ECAL_Ygg_10ns1CoG20Degree

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



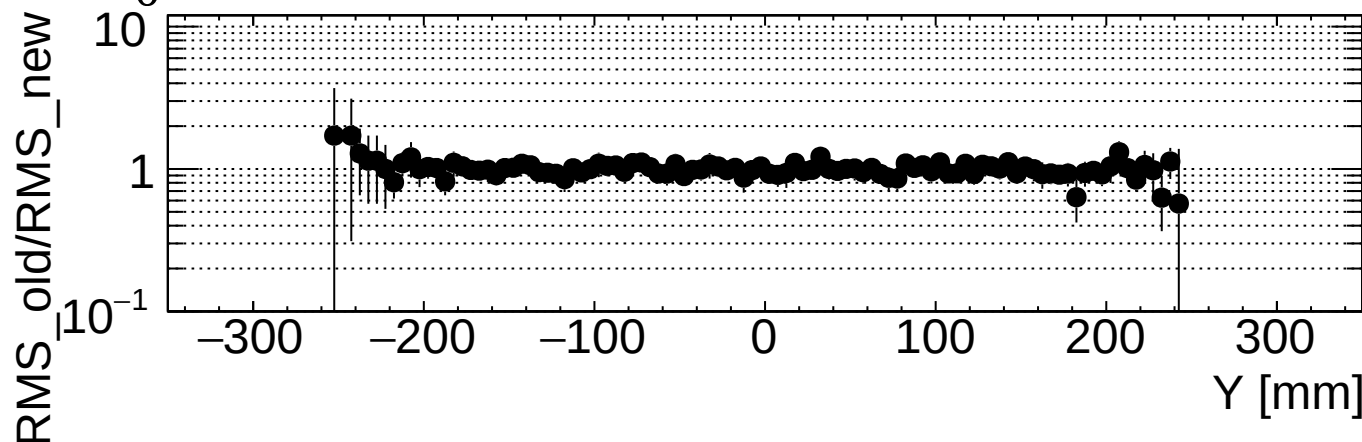
ECAL_Ygg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



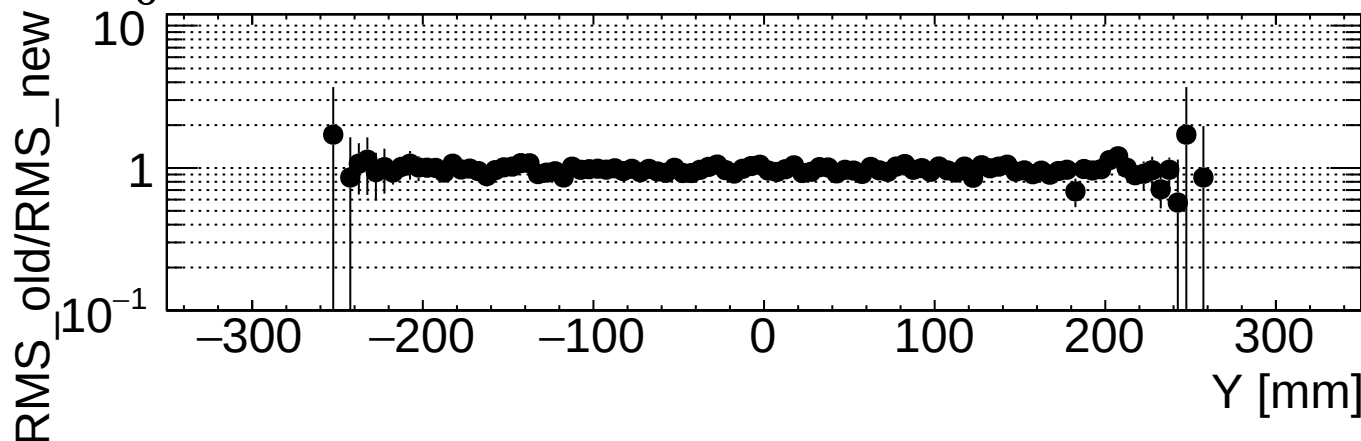
ECAL_Ygg_10ns3CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



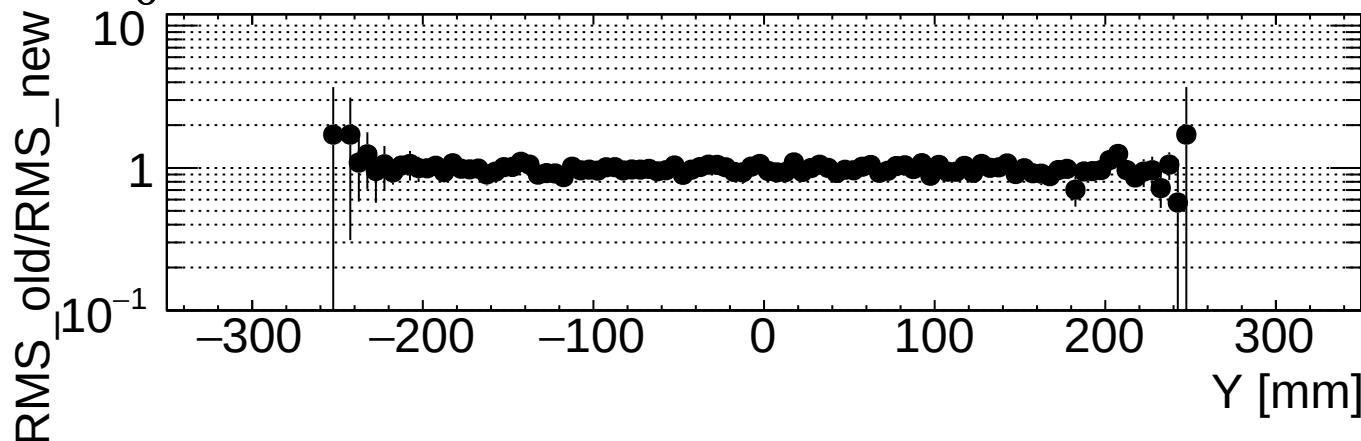
ECAL_Ygg_10ns3CoGUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



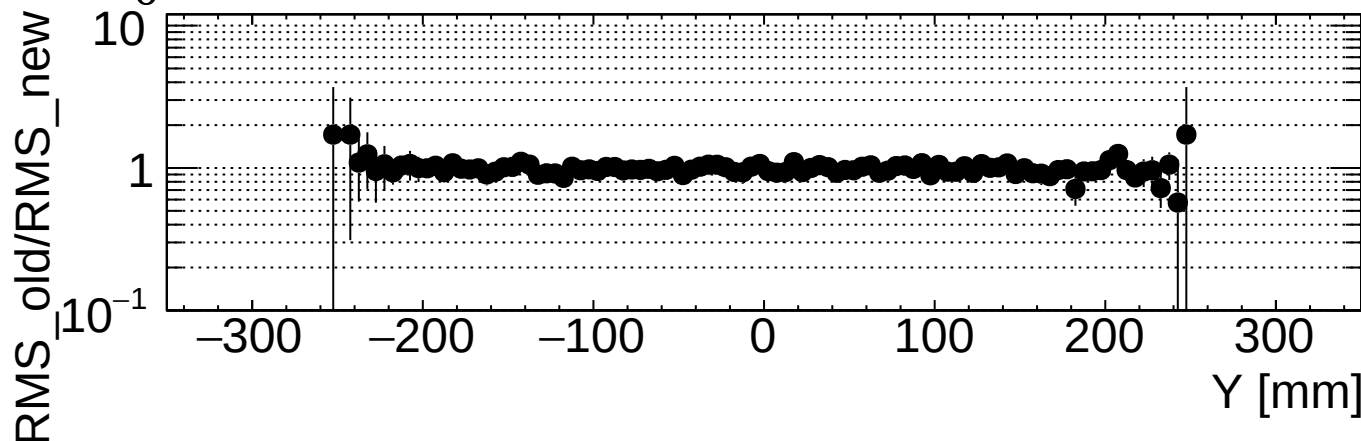
ECAL_Ygg_10ns3CoGUnderPeakEThr90

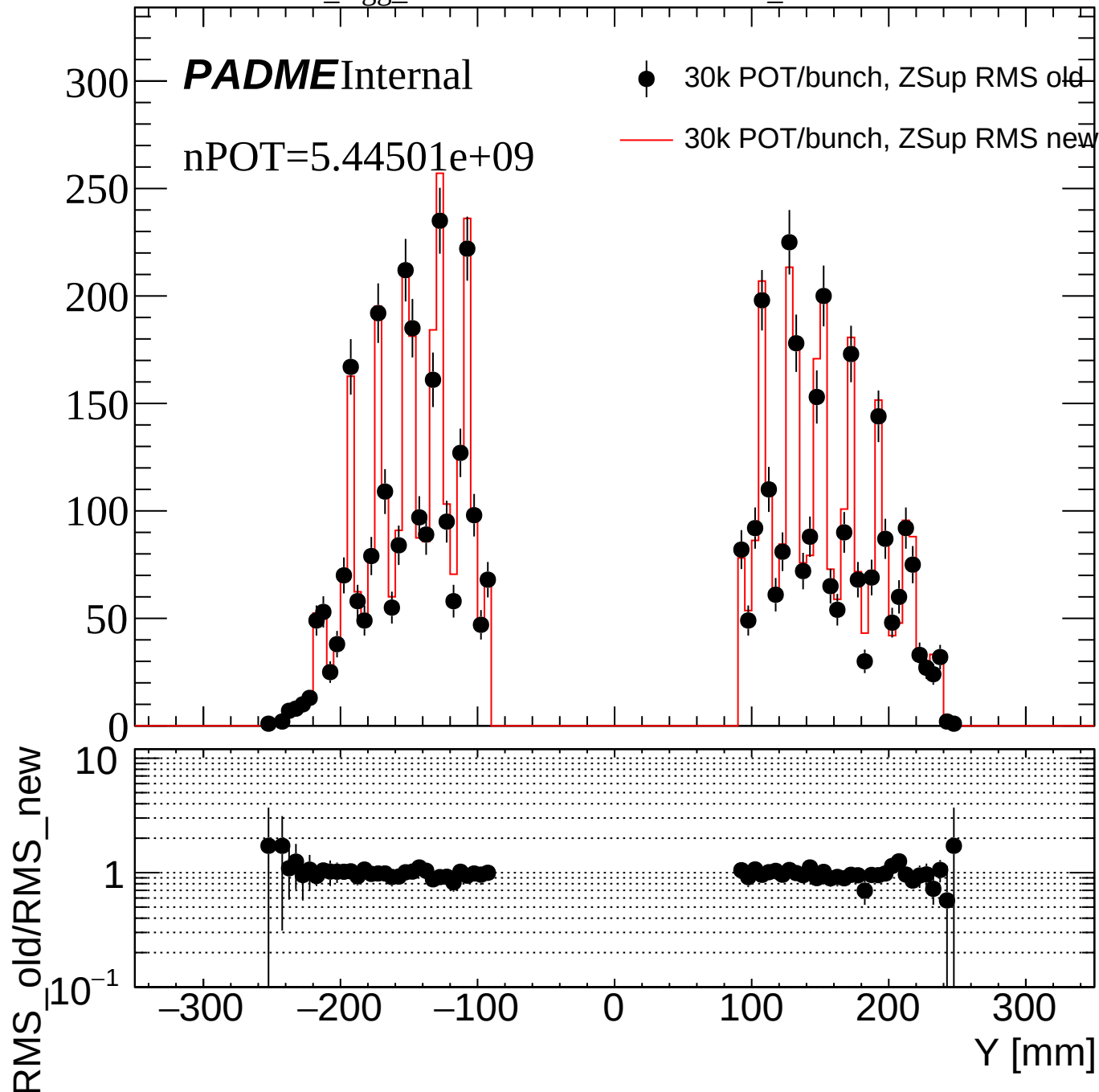
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





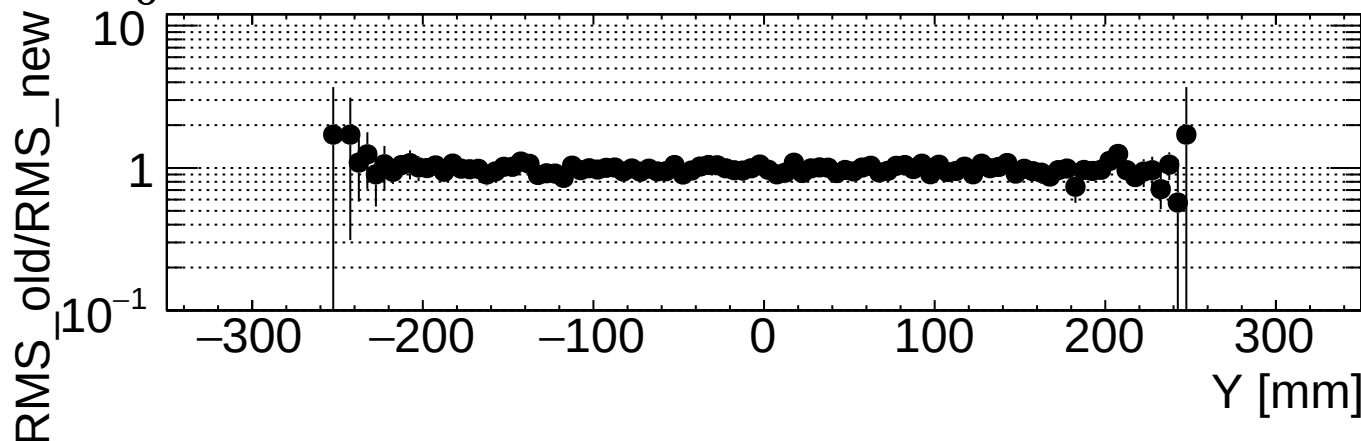
ECAL_Ygg_10ns3CoGEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

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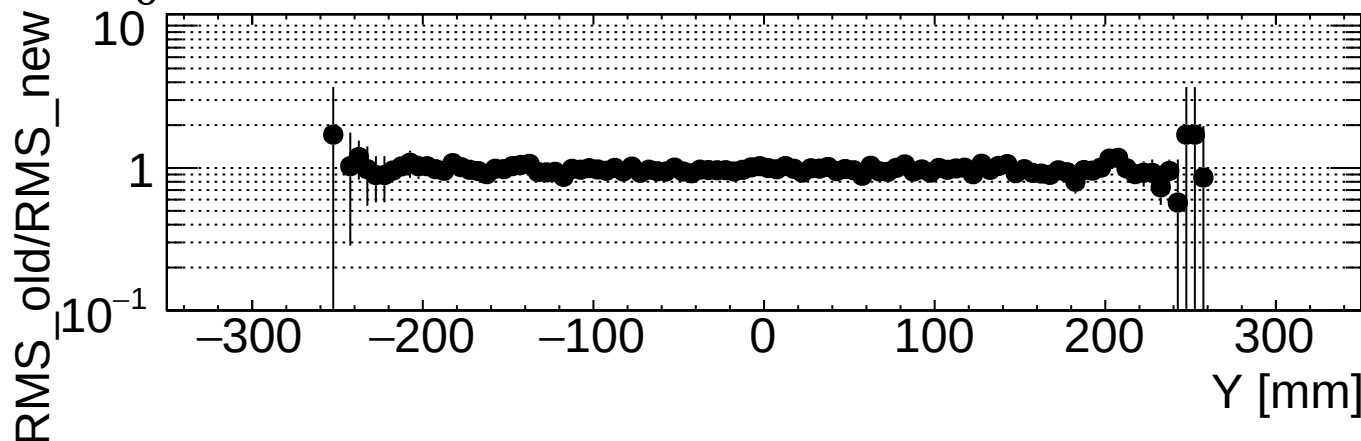
ECAL_Ygg_10ns5CoG

PADMEInternal

nPOT=5.44501e+09

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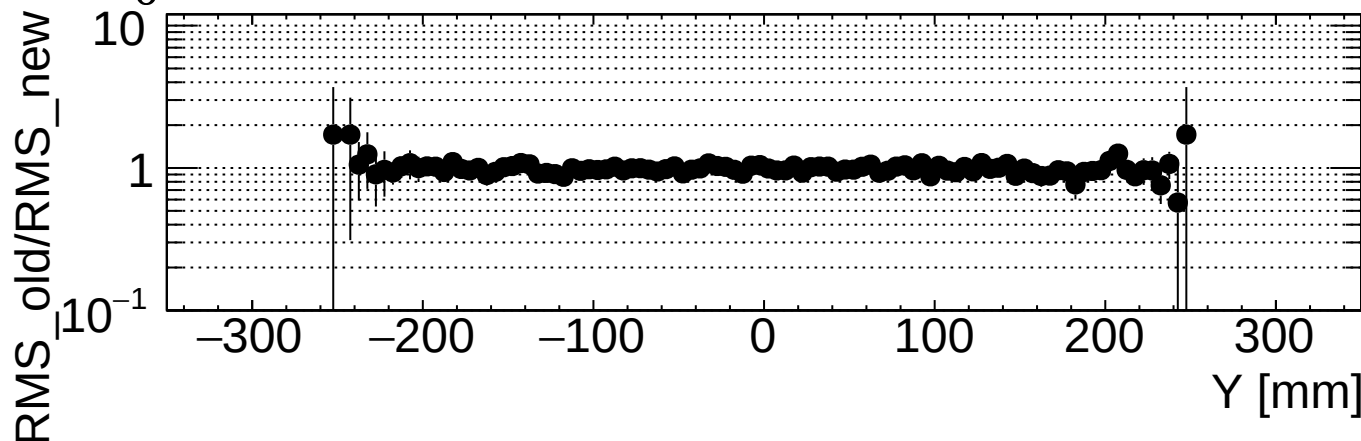
ECAL_Ygg_10ns5CoGUnderPeak

PADMEInternal

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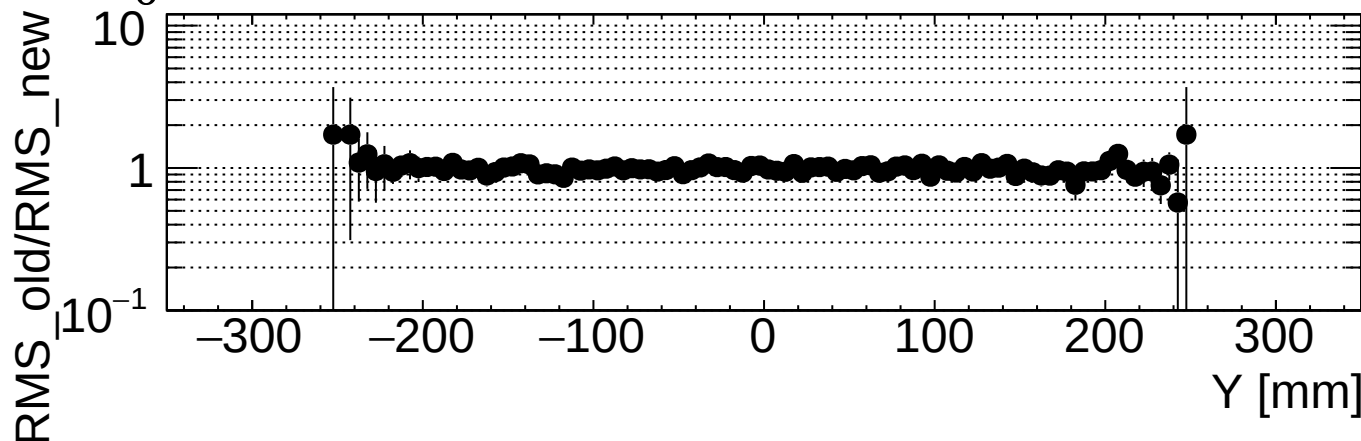
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

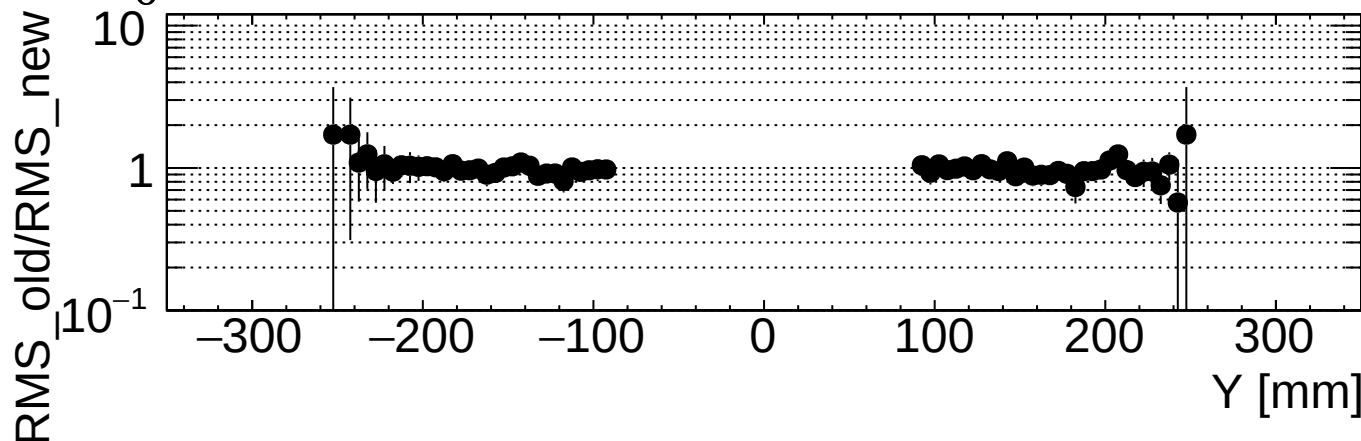


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



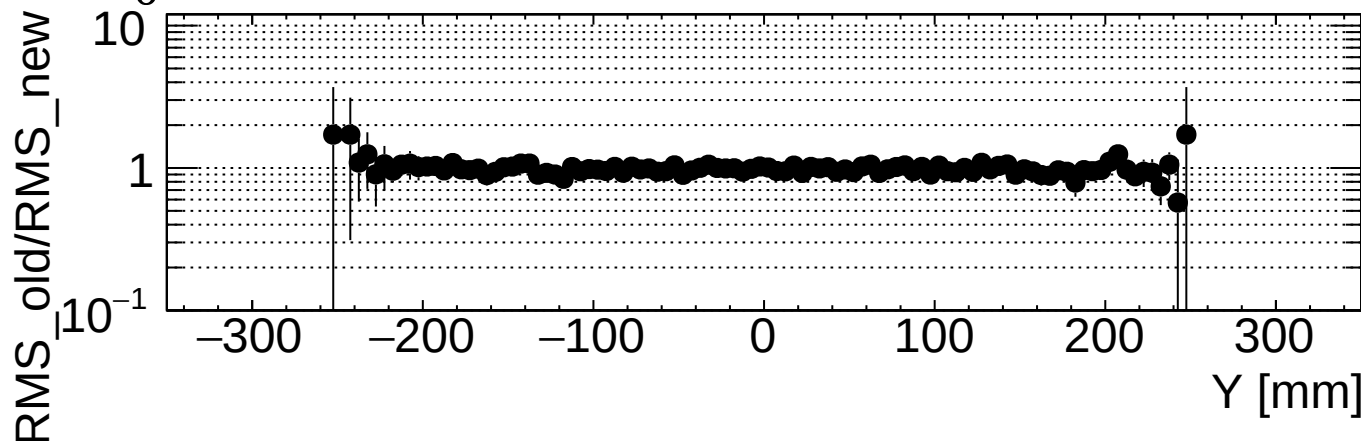
ECAL_Ygg_10ns5CoGEThr90

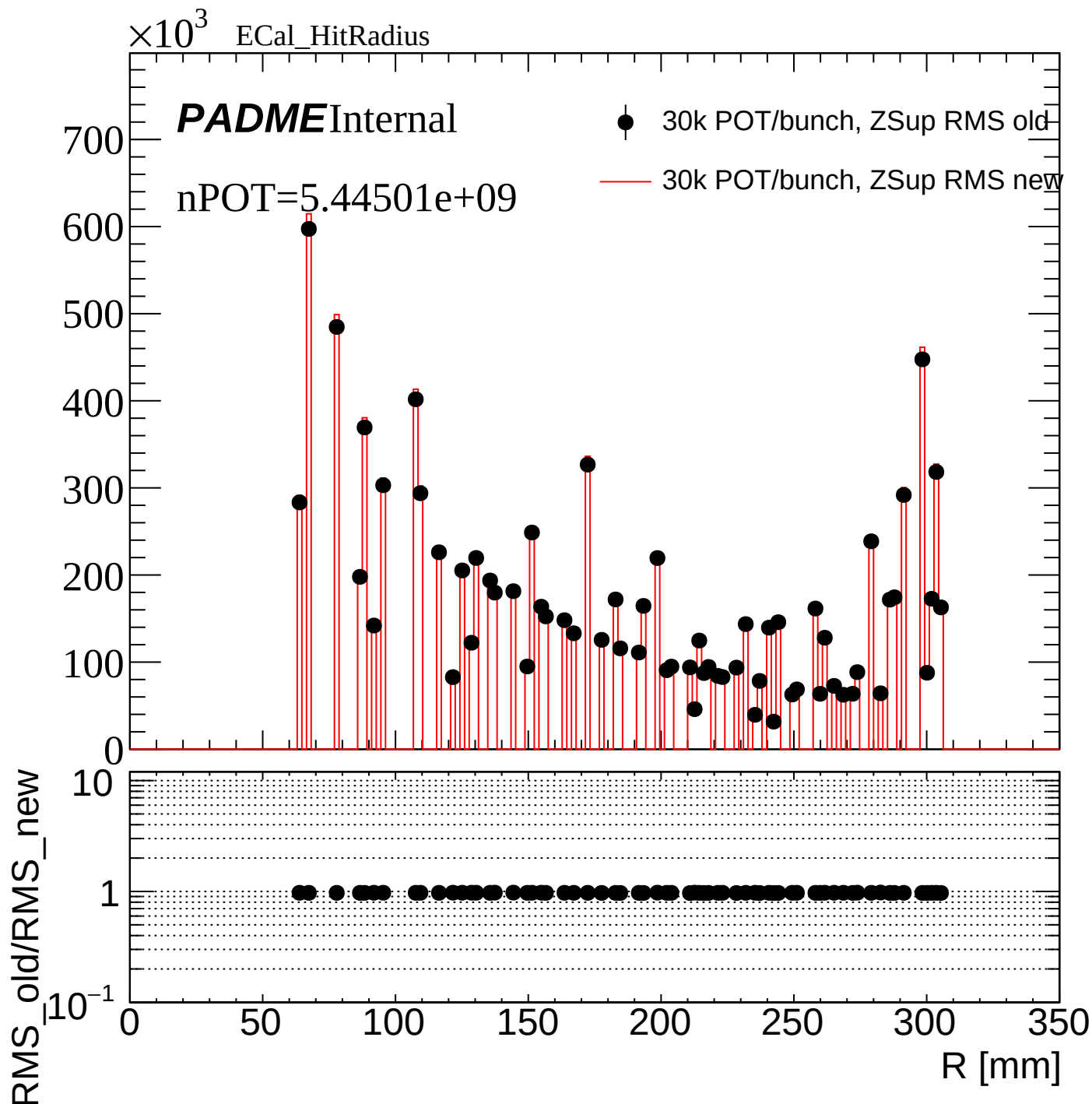
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





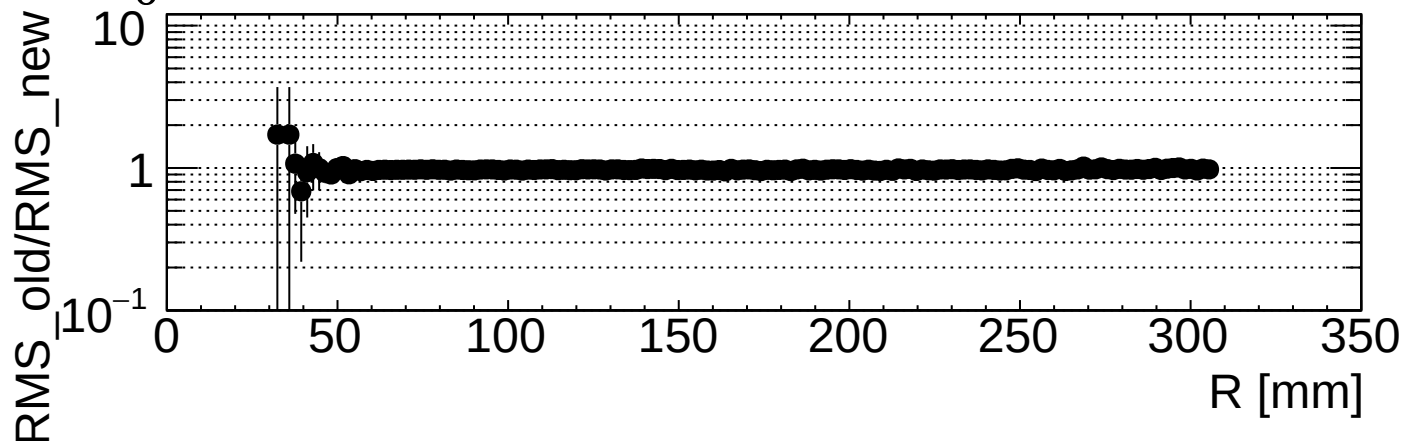
ECAL_RggAllClusters

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



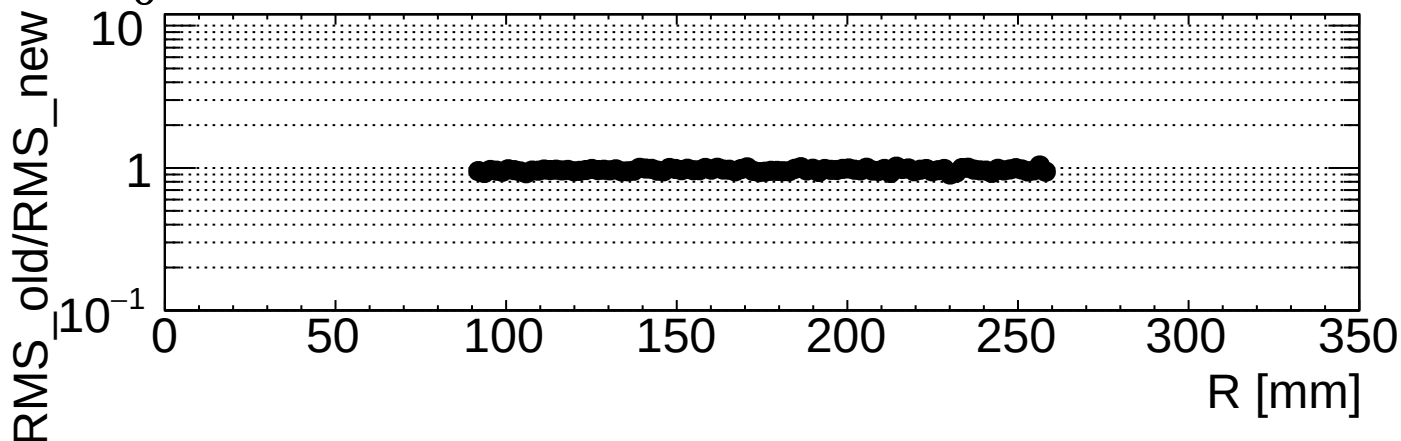
ECAL_Rgg_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



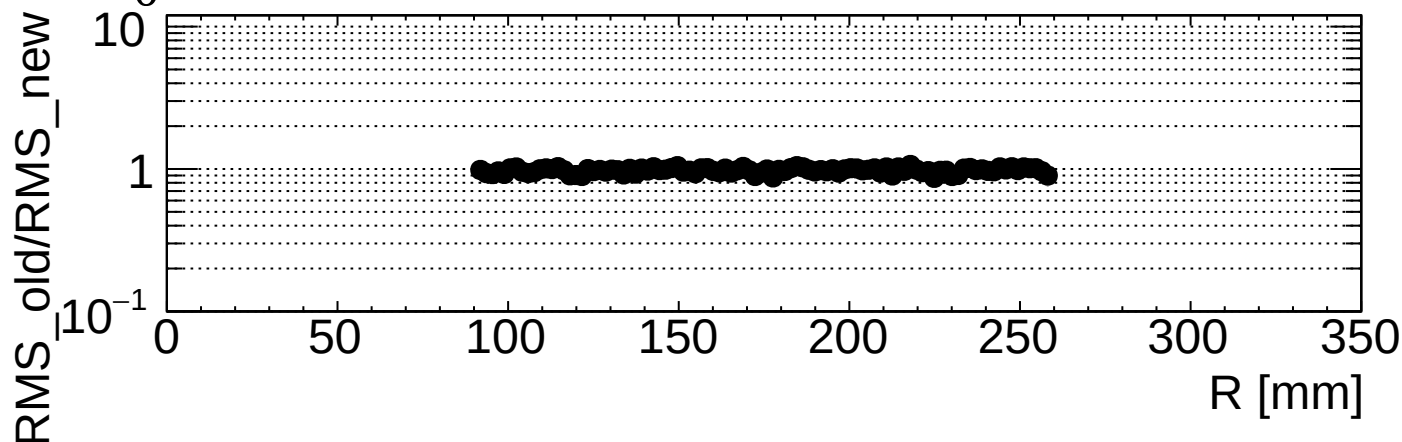
ECAL_Rgg_10ns20Degree

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



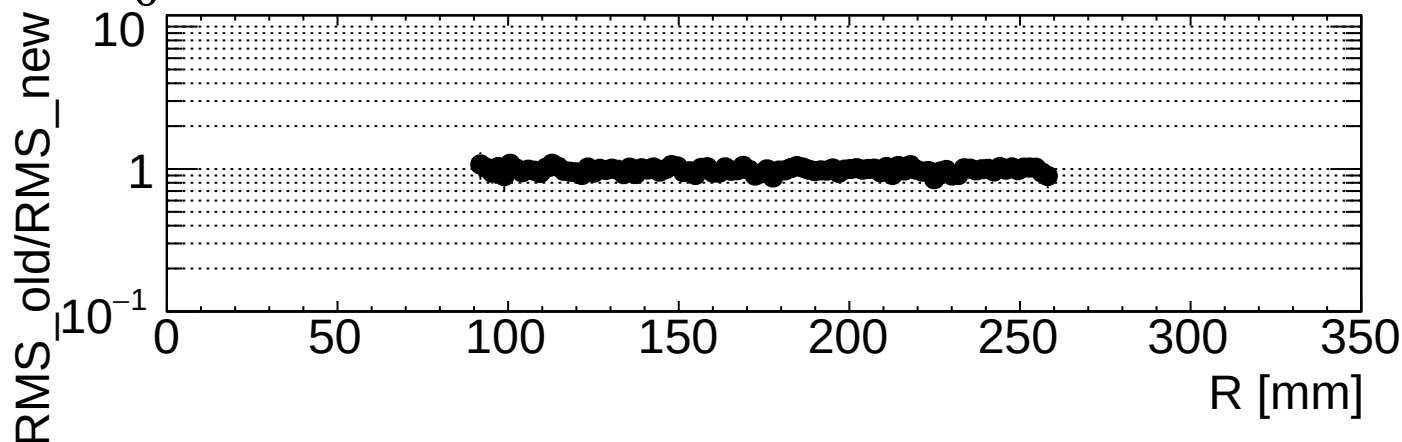
ECAL_Rgg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



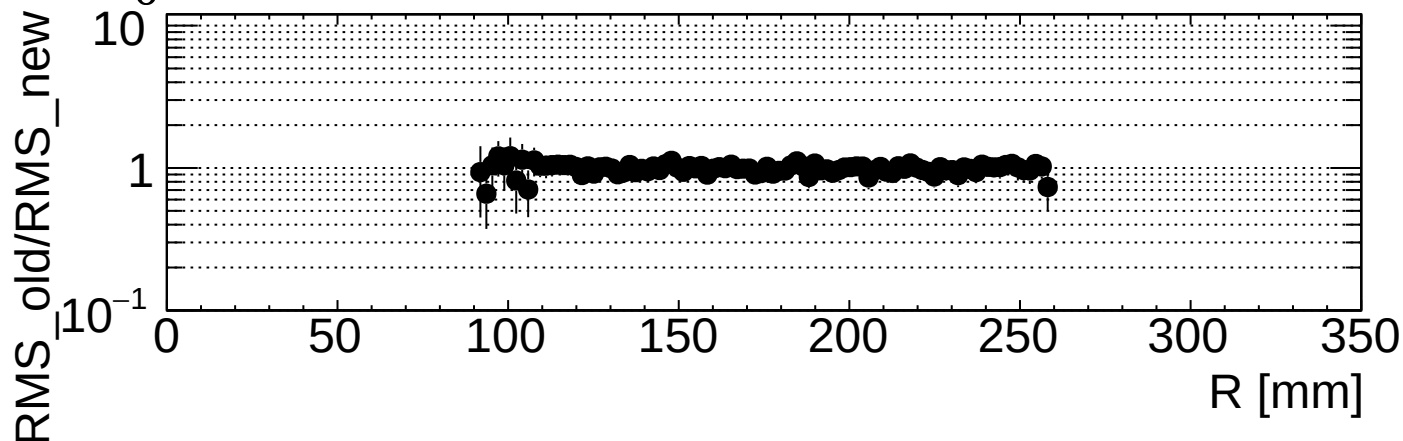
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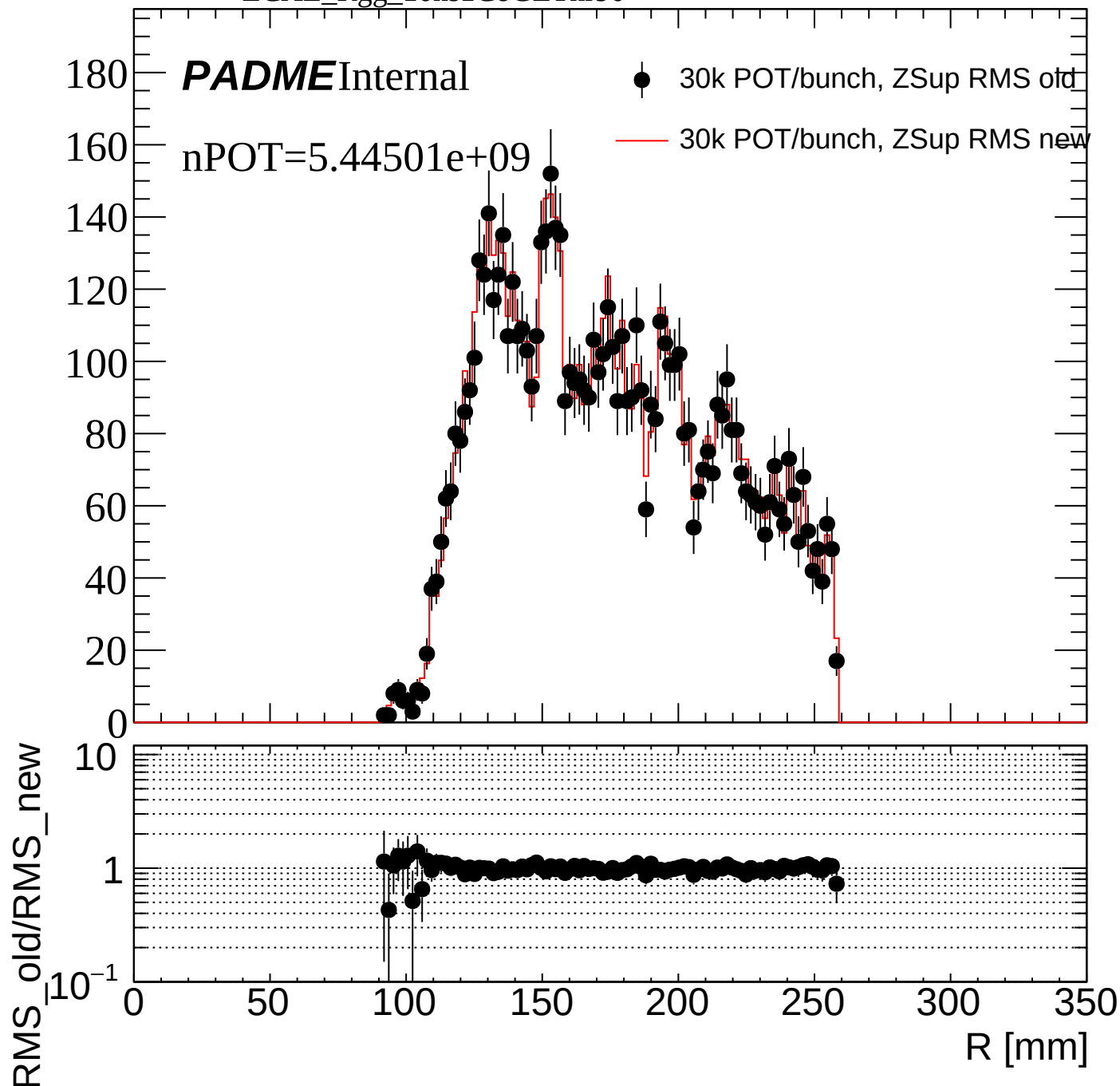
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





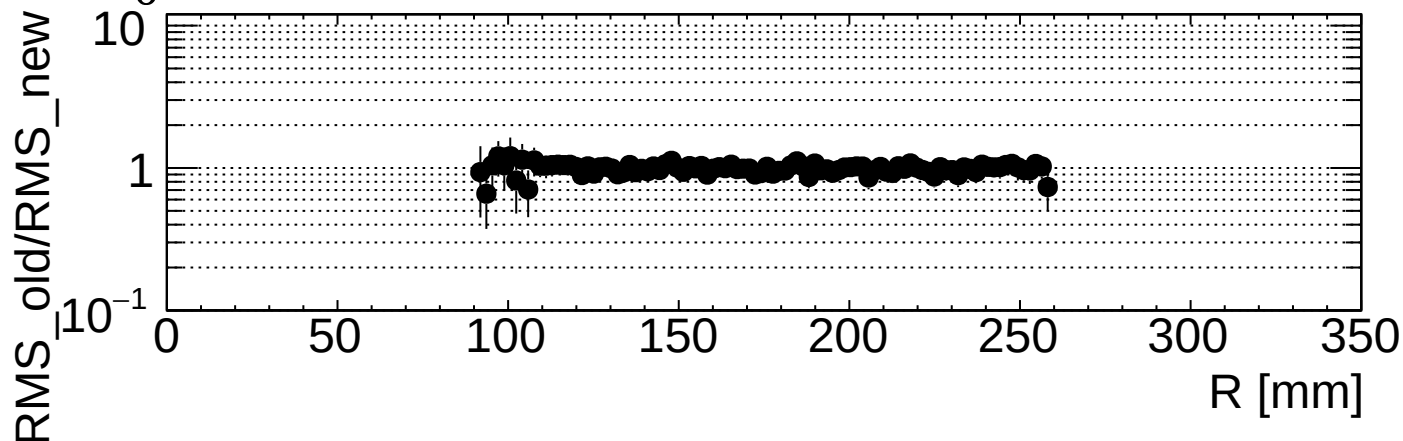
ECAL_Rgg_10ns1CoG20Degree

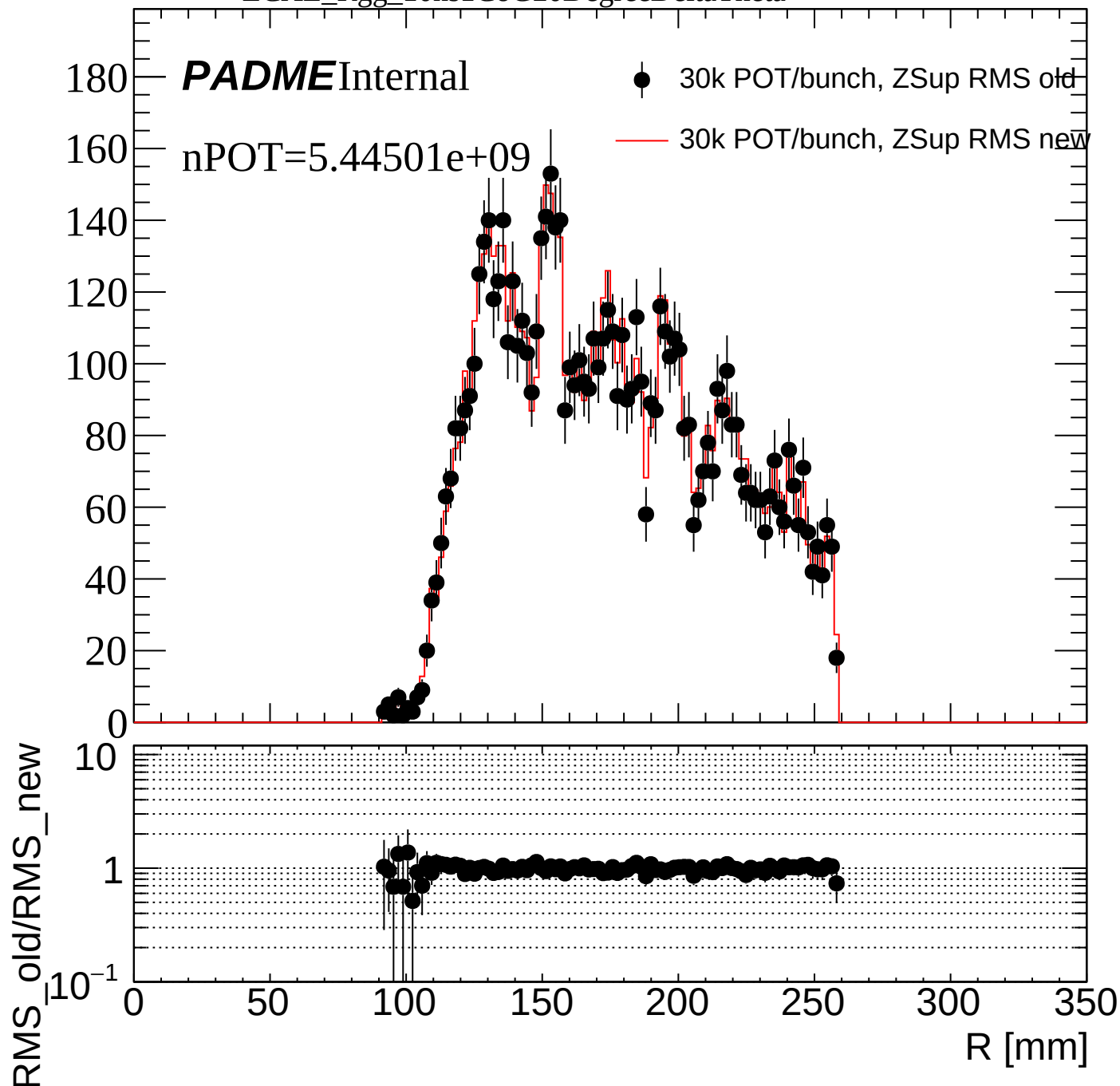
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





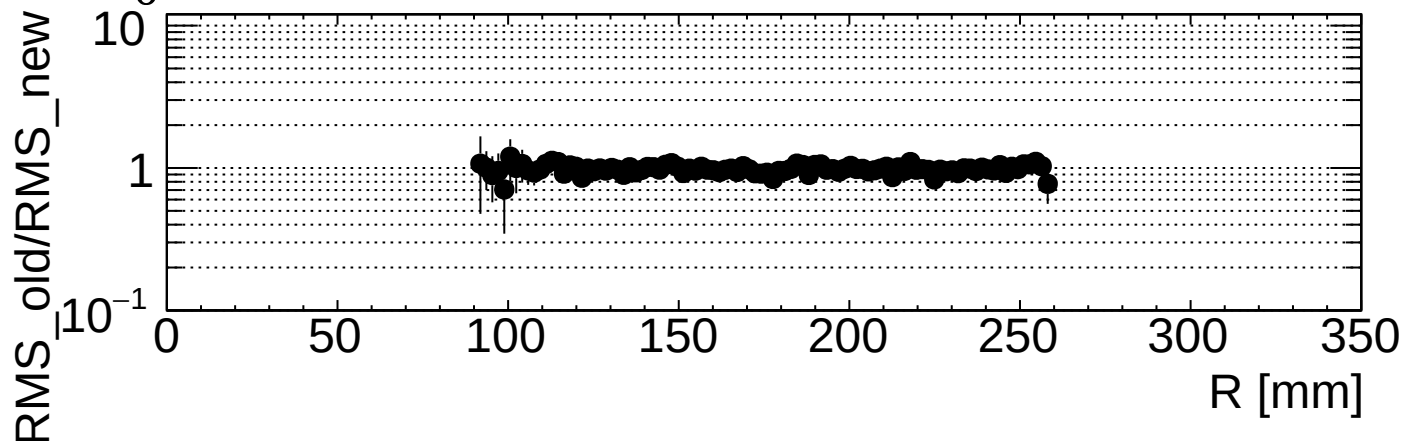
ECAL_Rgg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



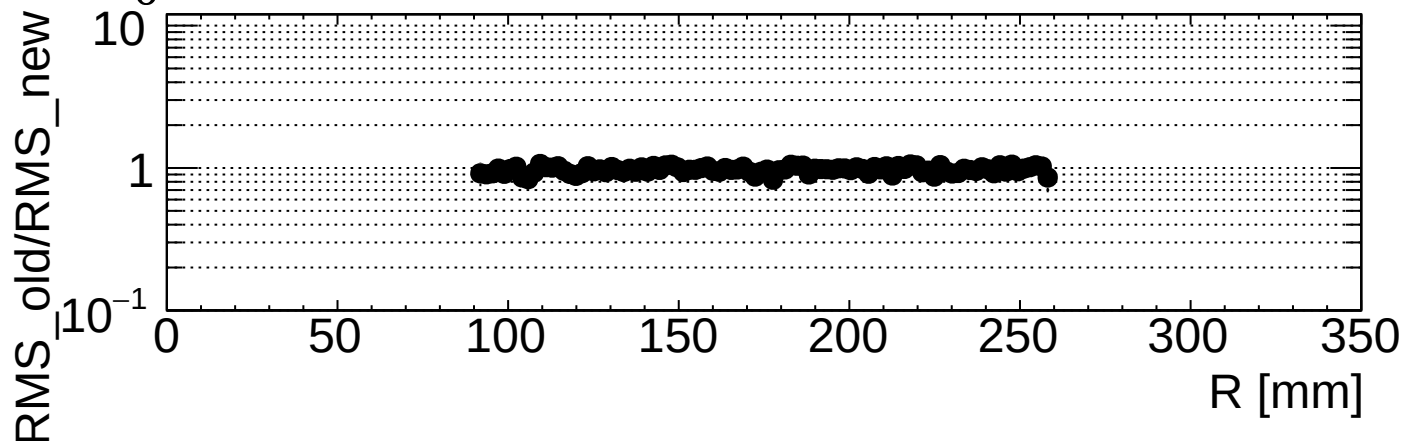
ECAL_Rgg_10ns3CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

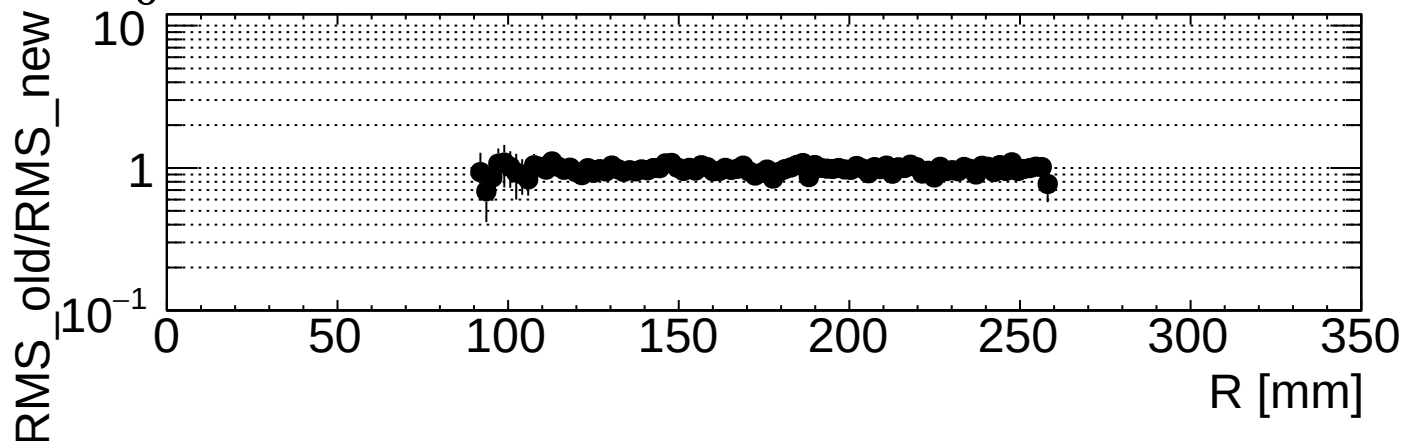


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

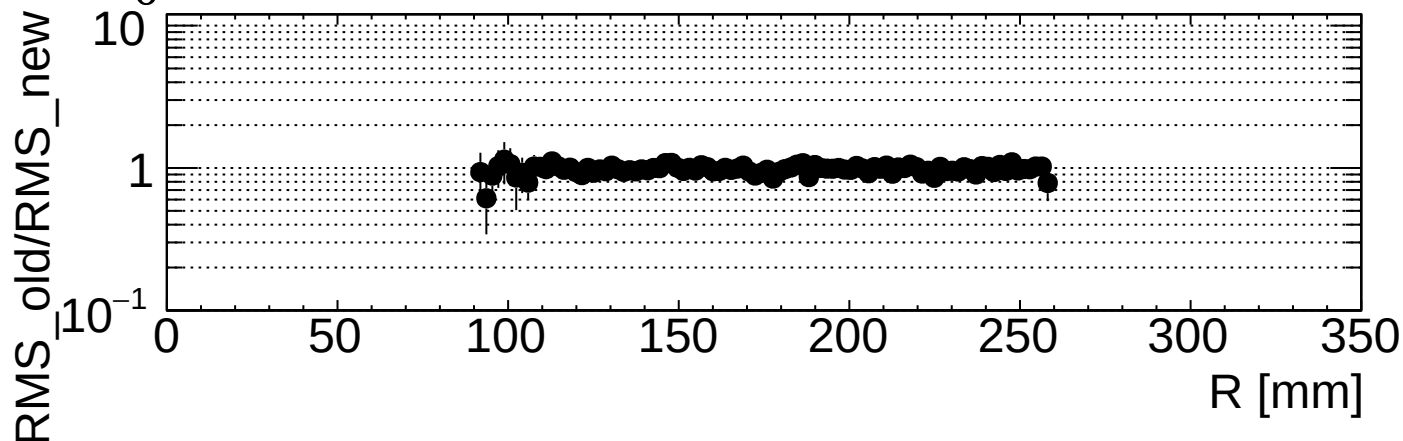


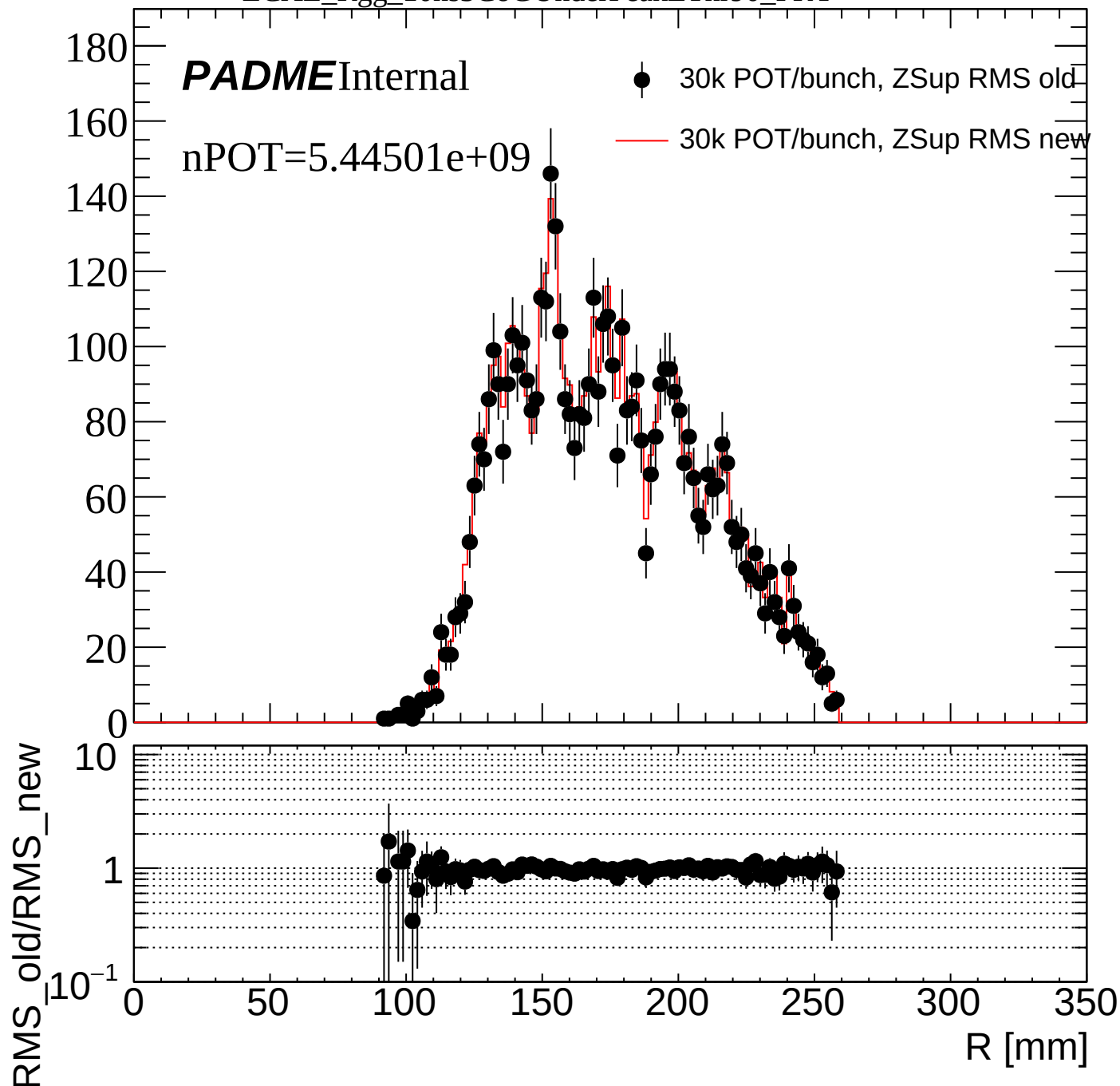
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





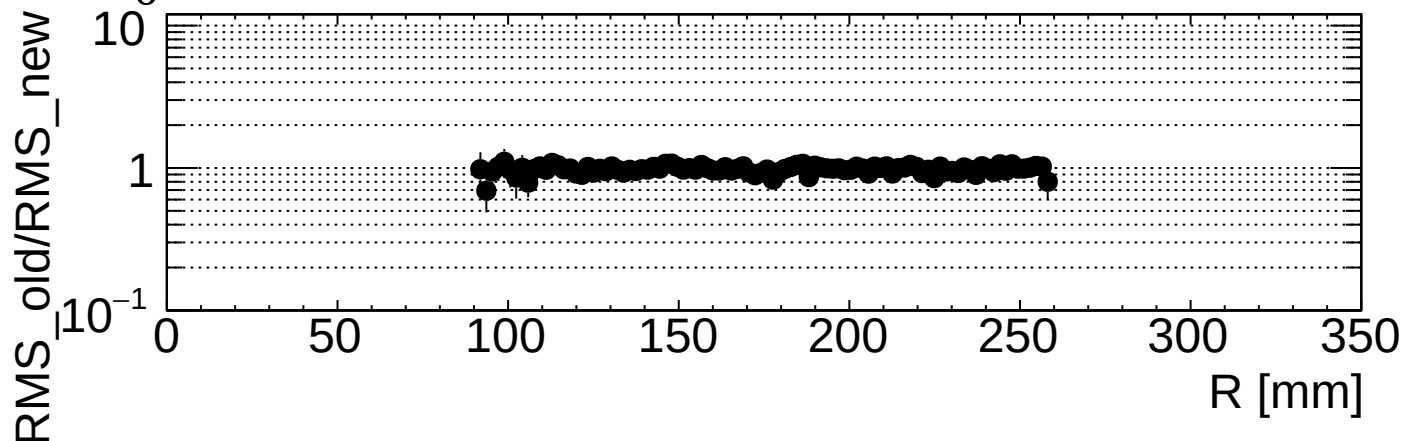
ECAL_Rgg_10ns3CoGEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



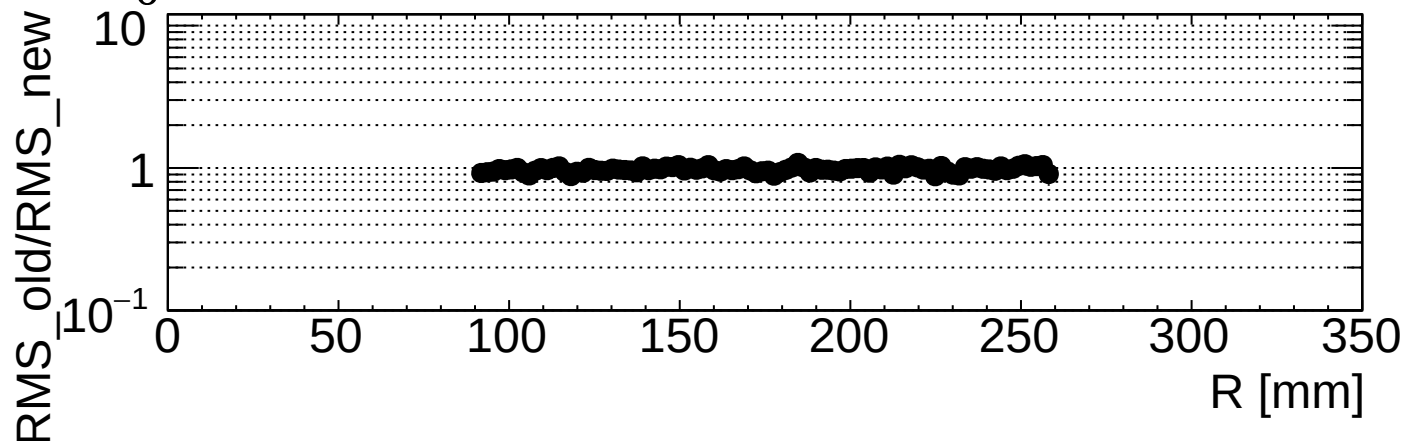
ECAL_Rgg_10ns5CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



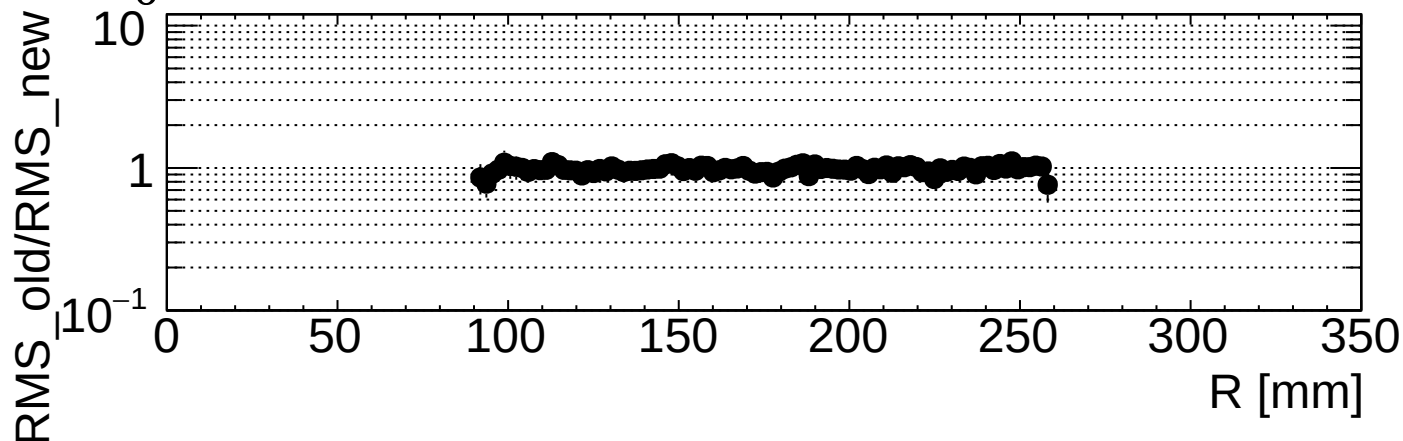
ECAL_Rgg_10ns5CoGUnderPeak

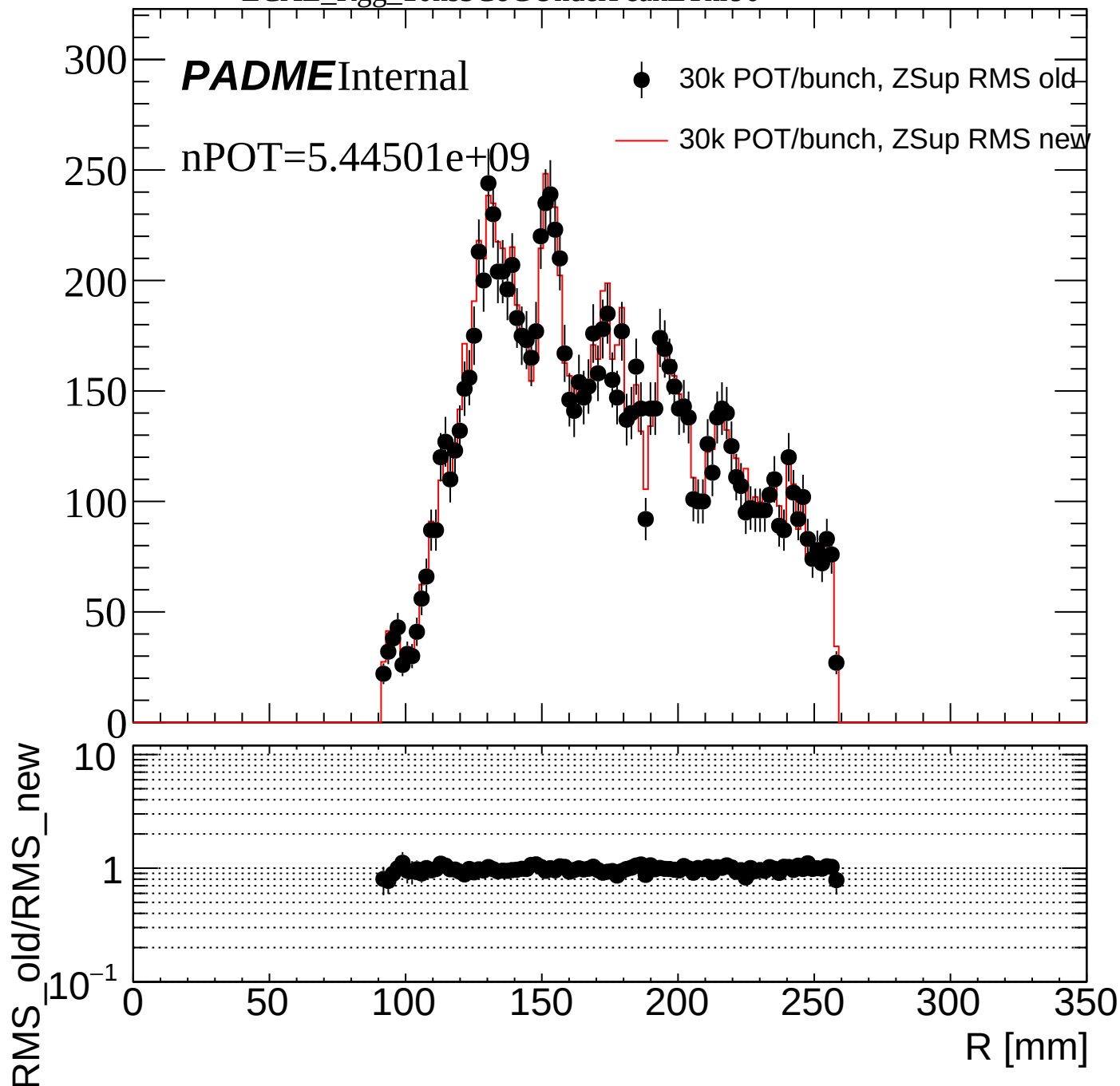
PADMEInternal

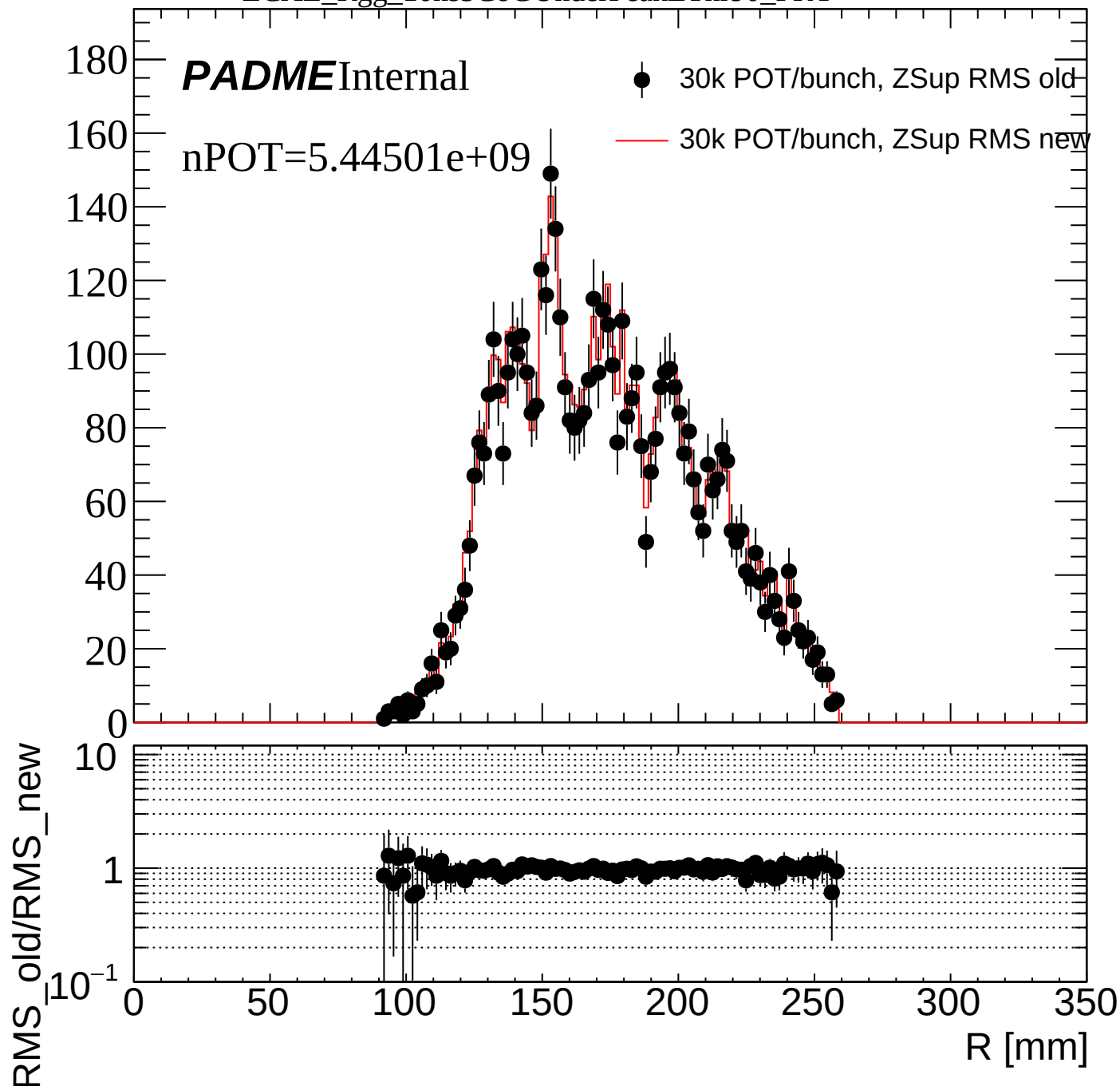
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





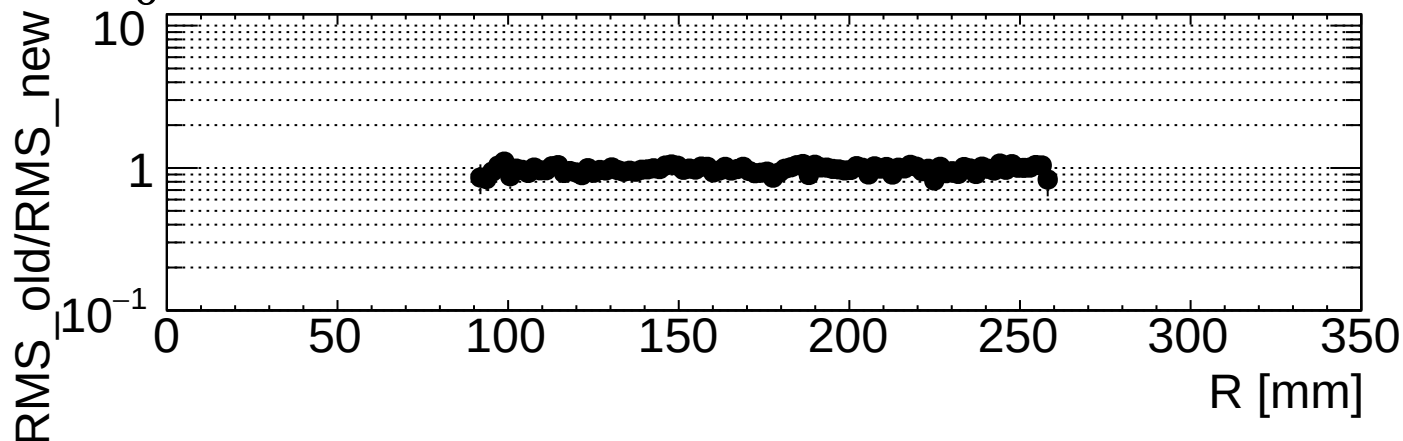


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



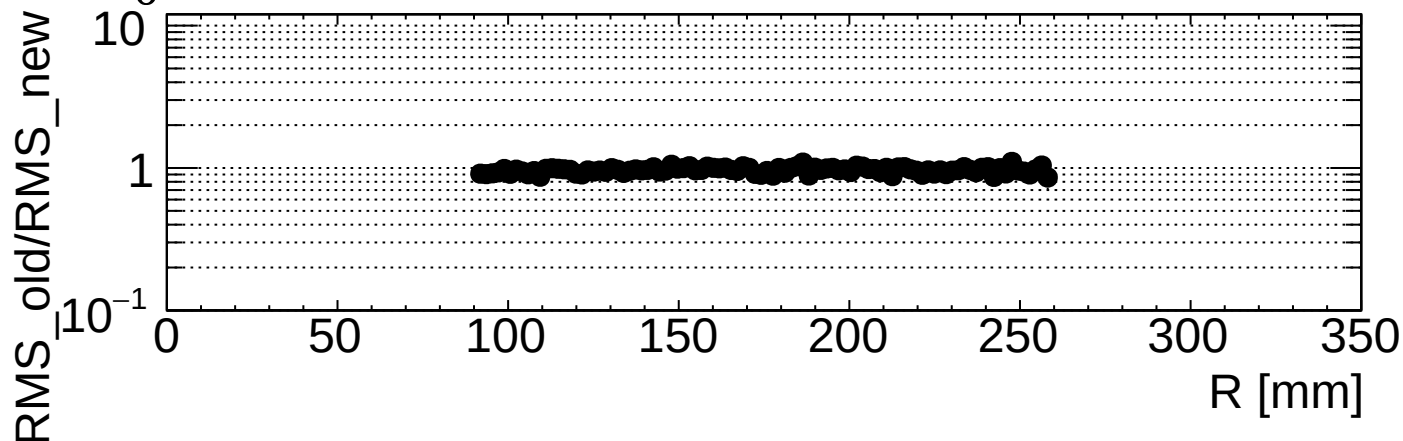
ECAL_Rgg_10nsUnderPeak

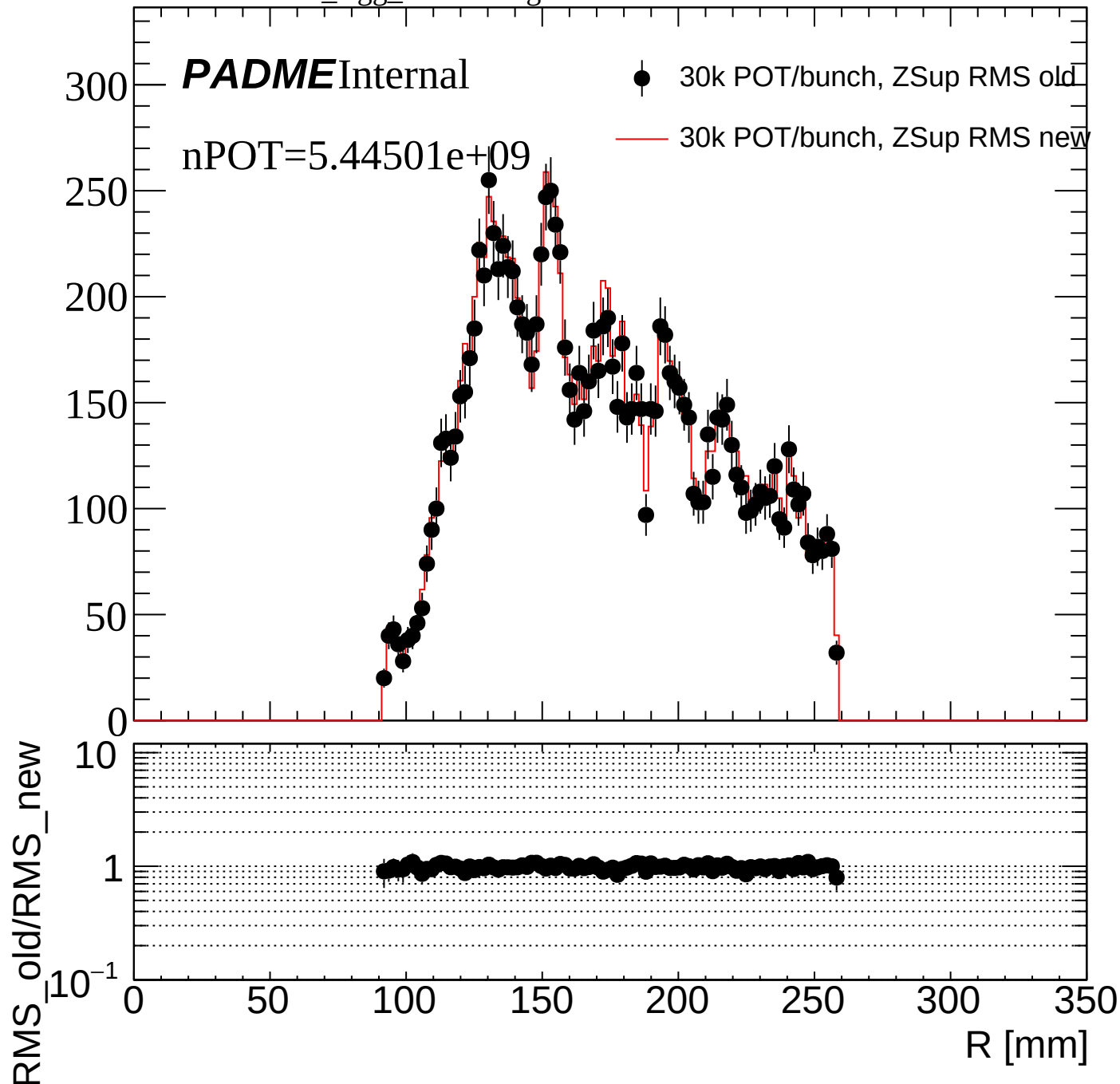
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





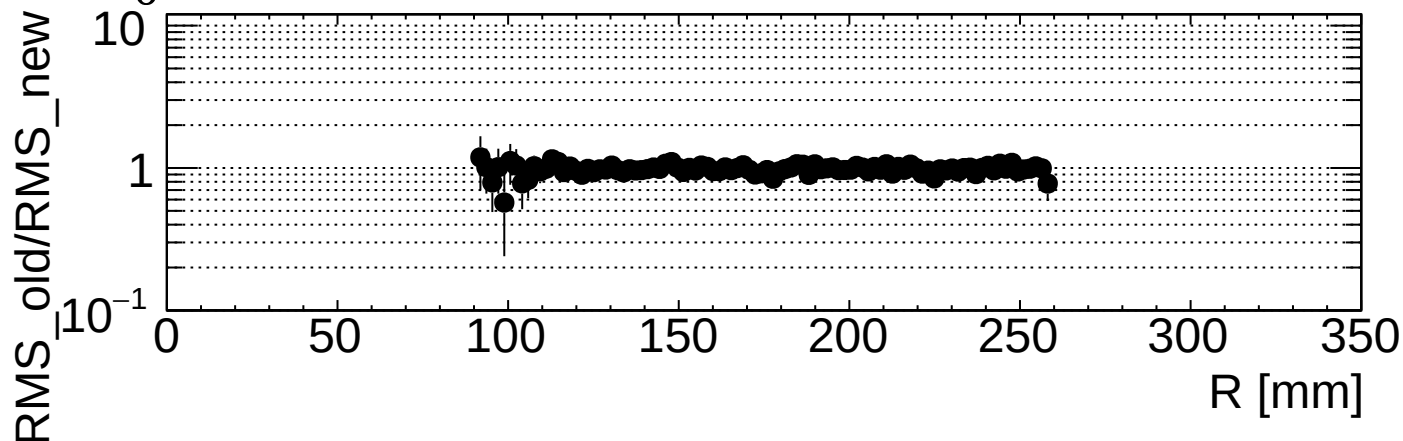
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



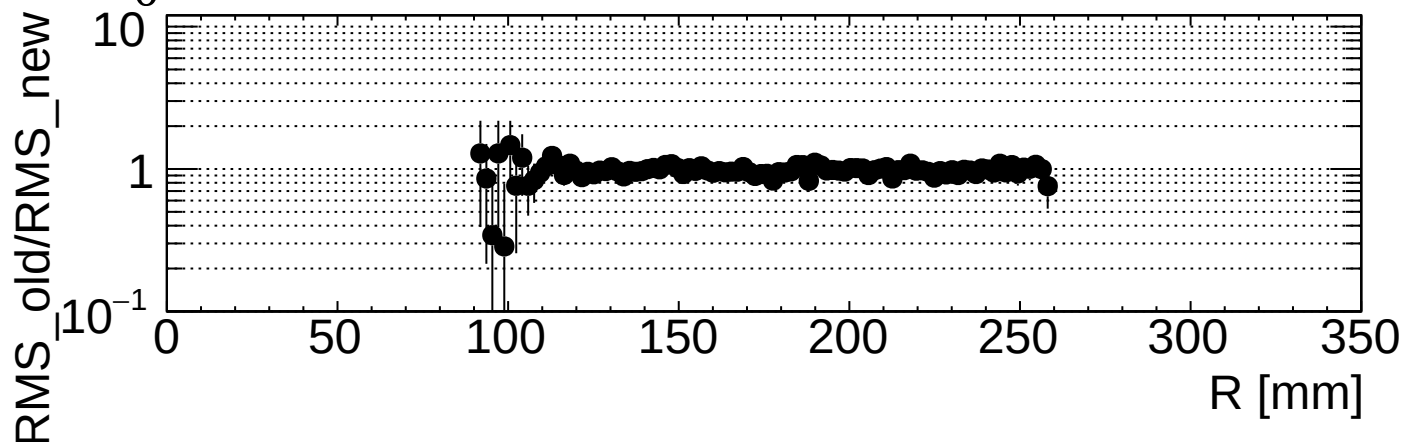
ECAL_Rgg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



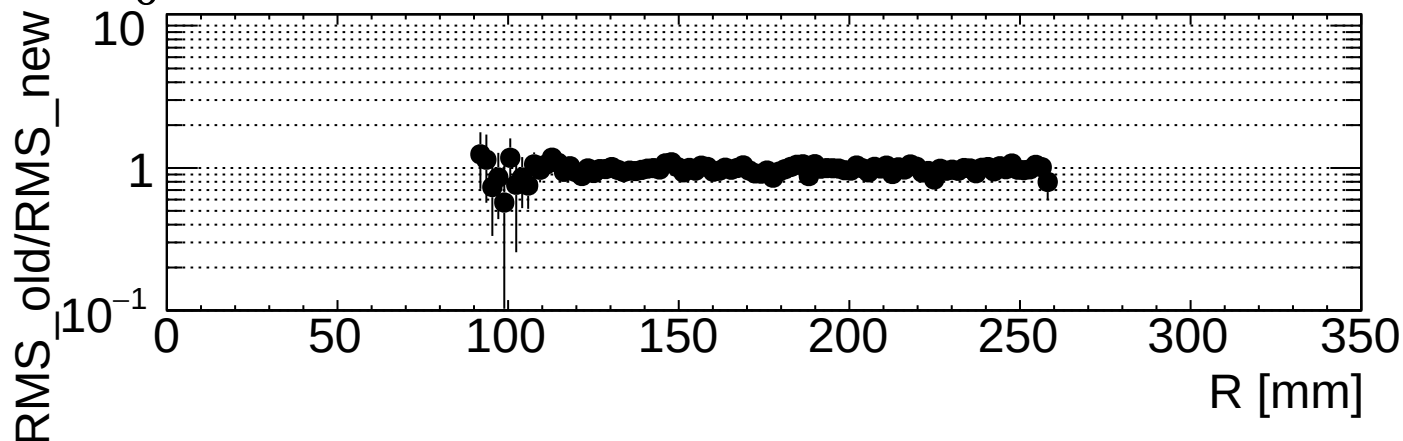
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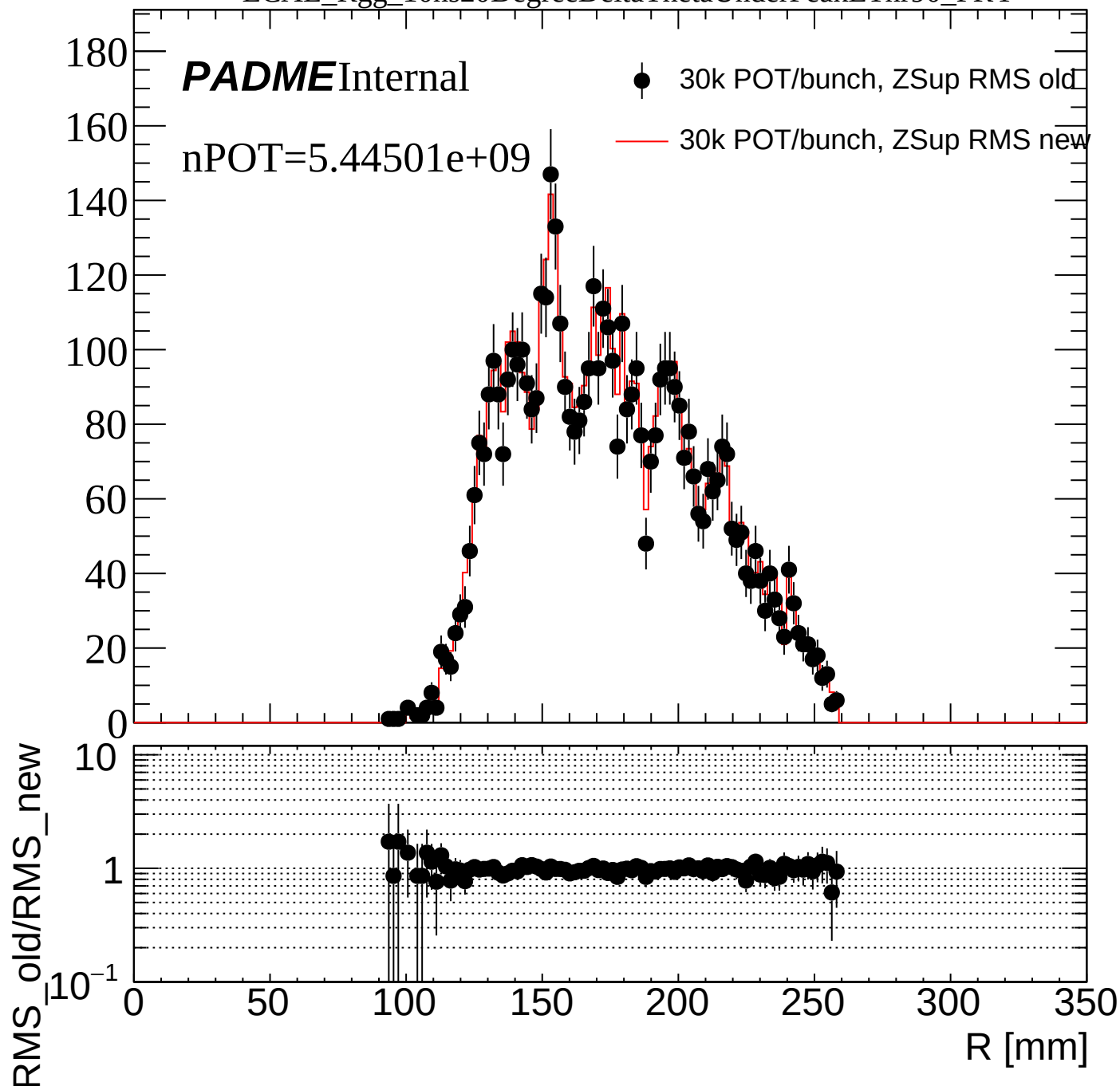
PADMEInternal

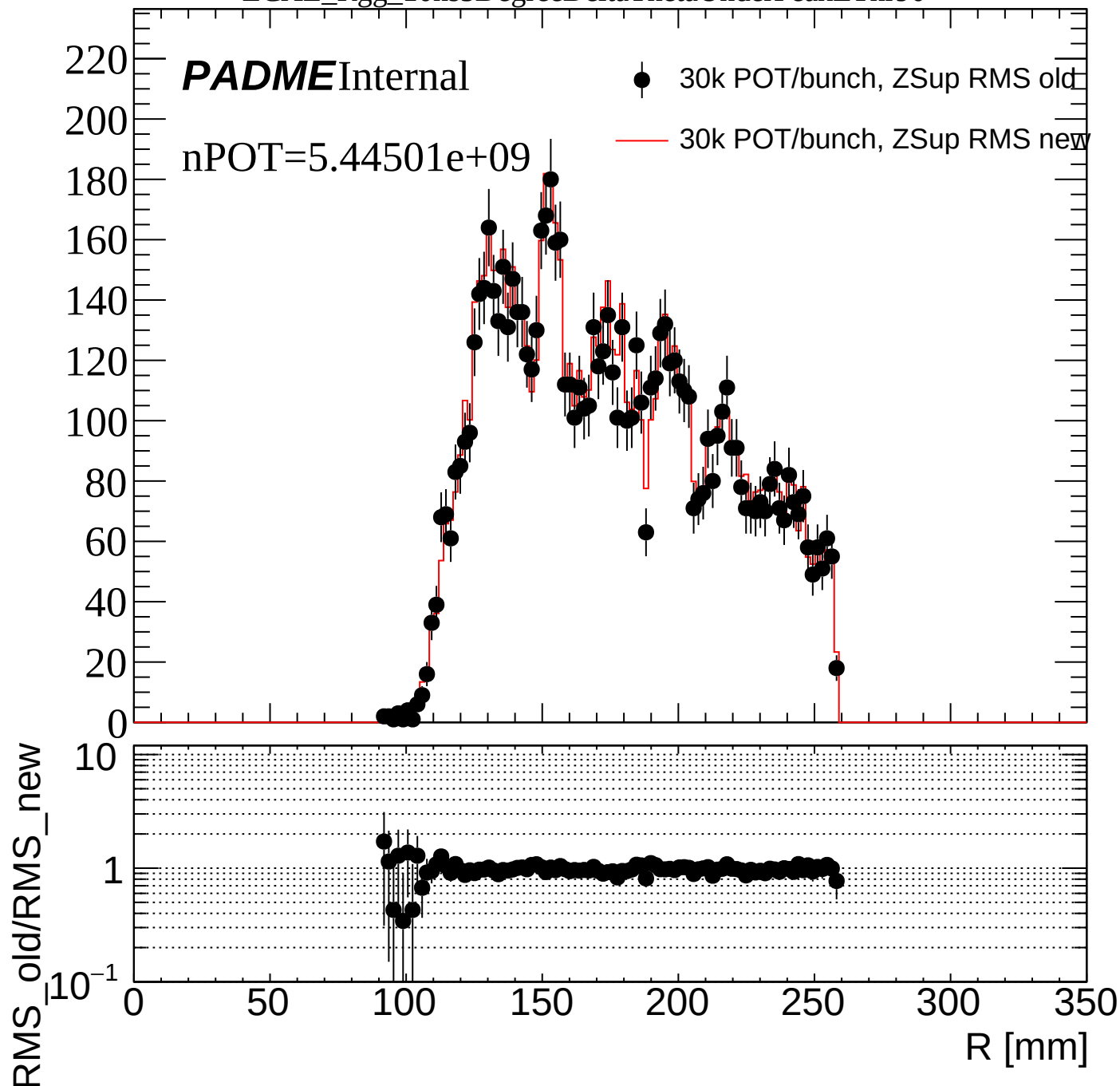
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new







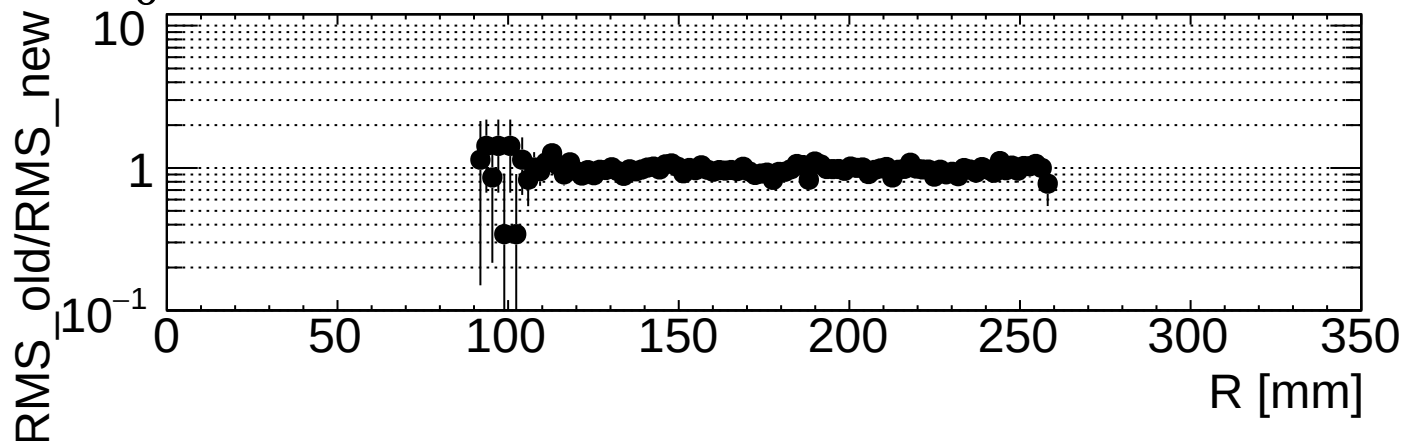
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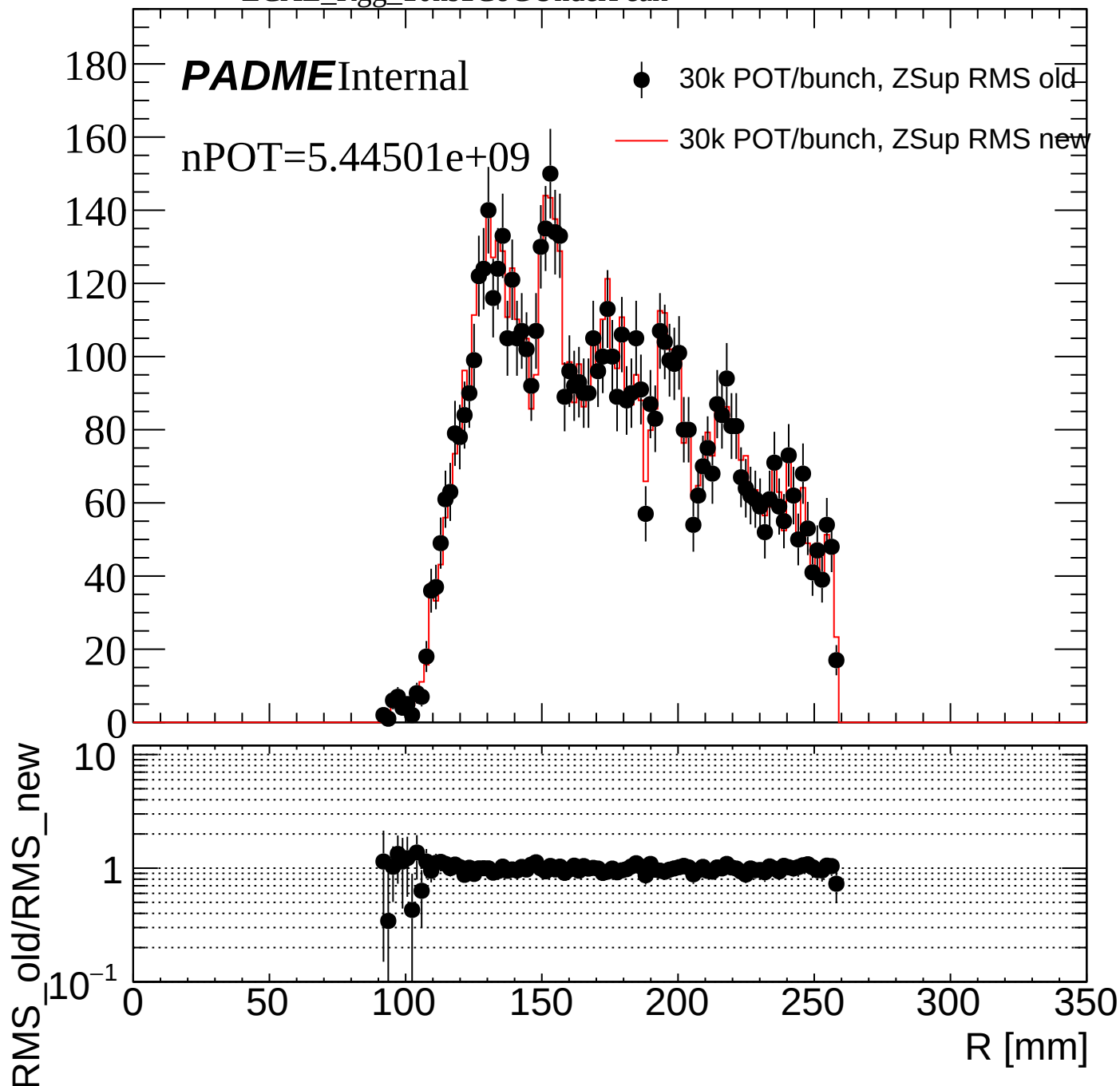
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





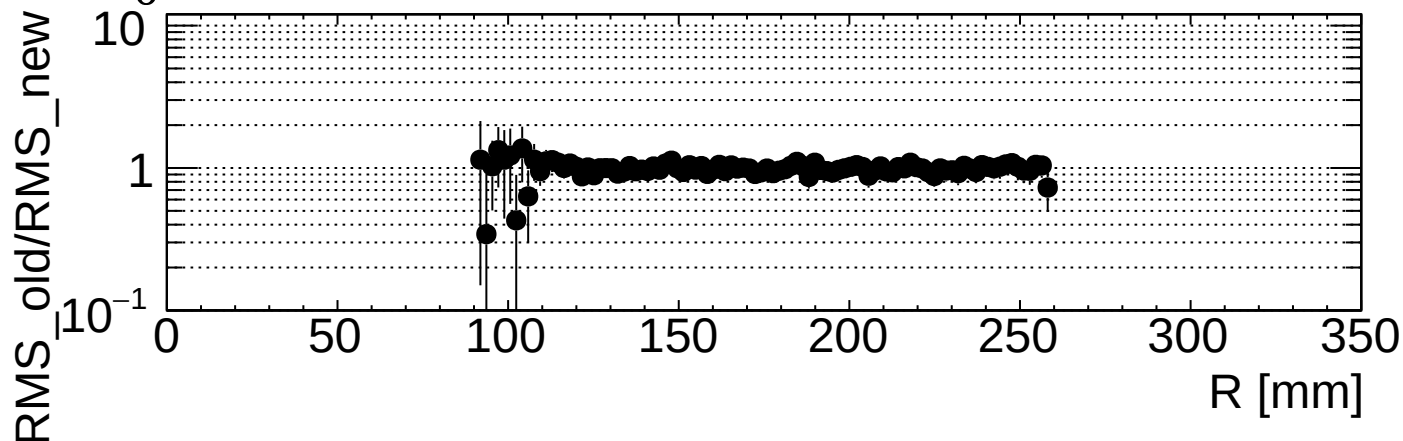
ECAL_Rgg_10ns1CoGUnderPeakEThr90

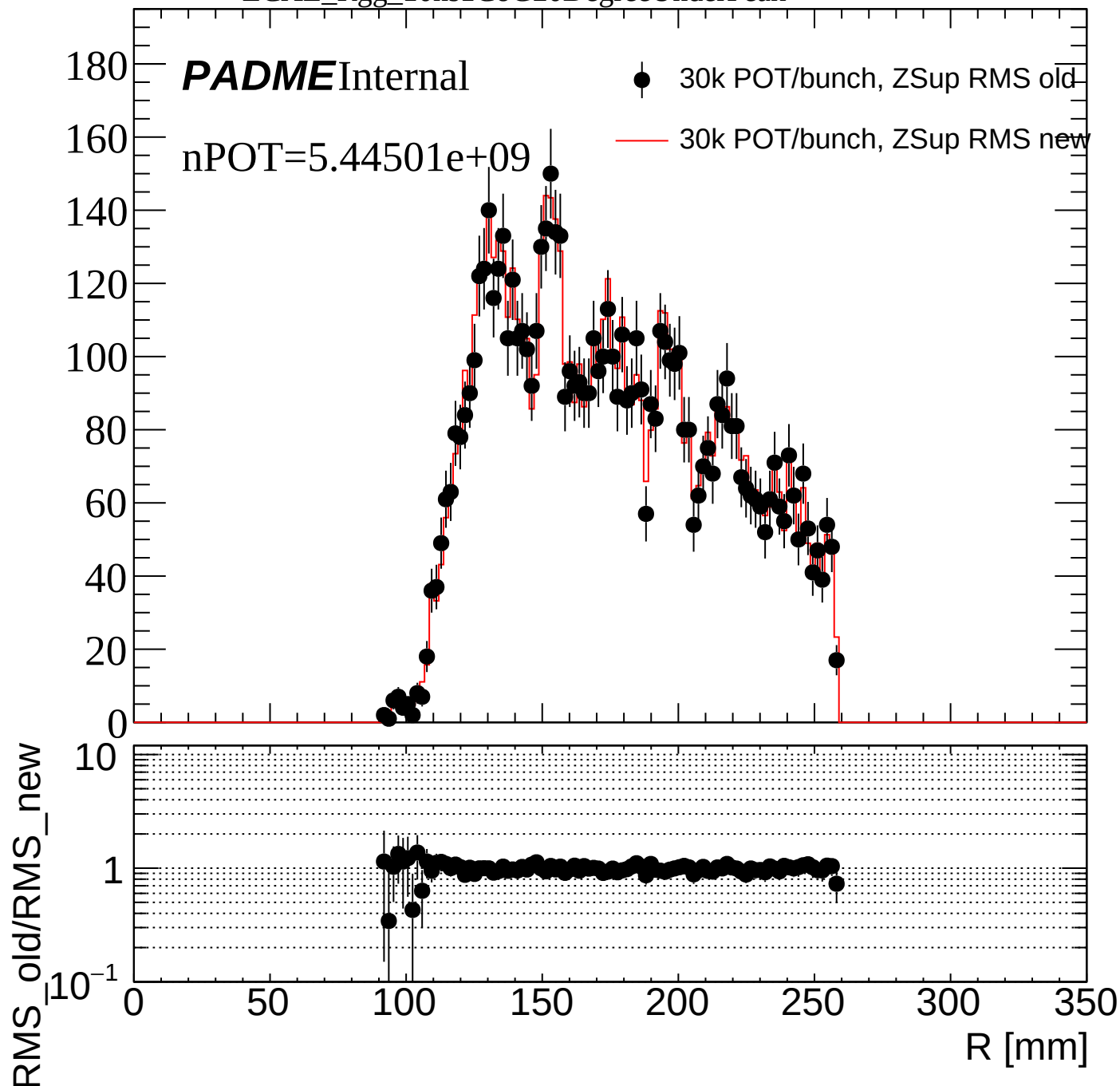
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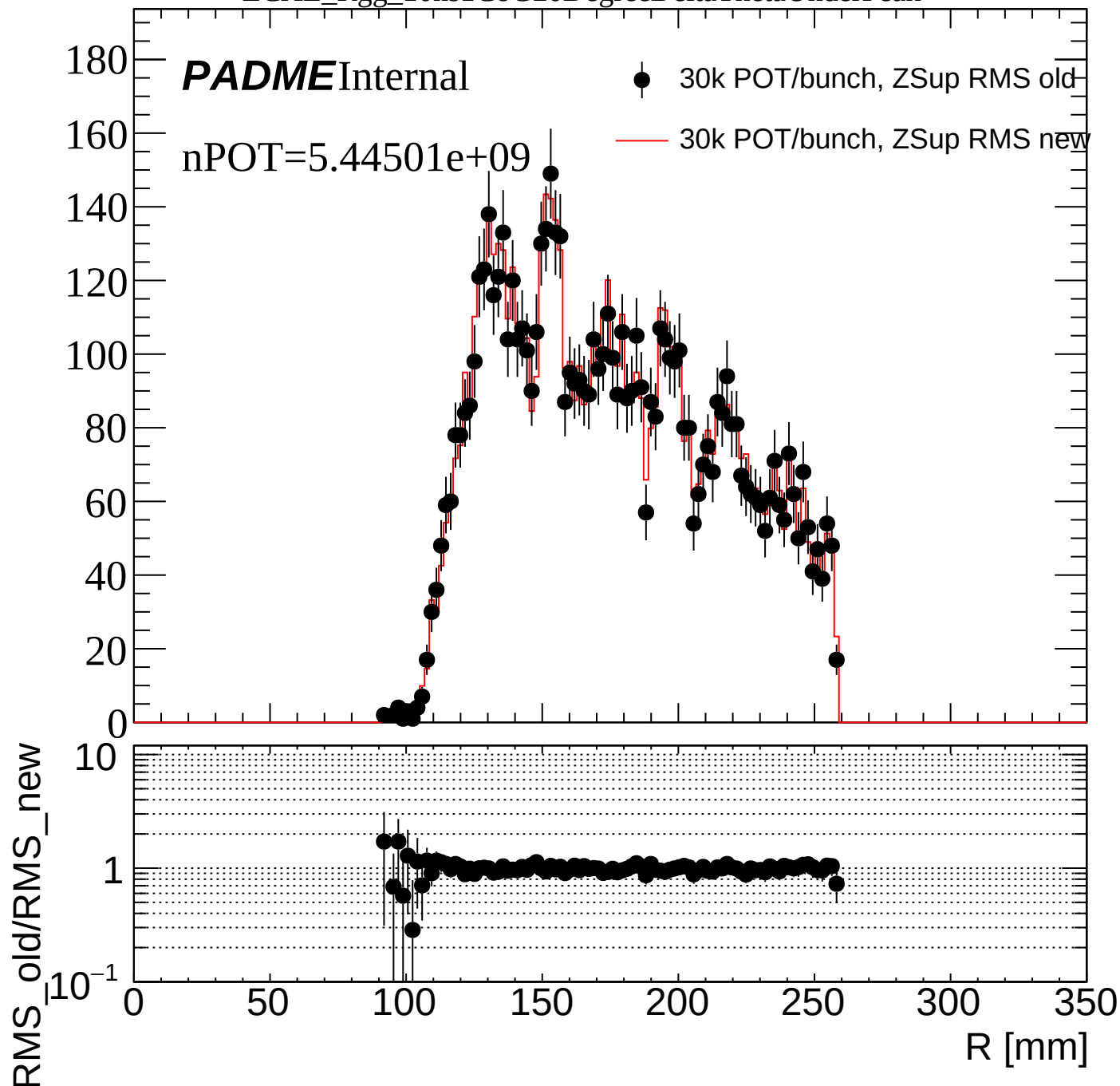
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new







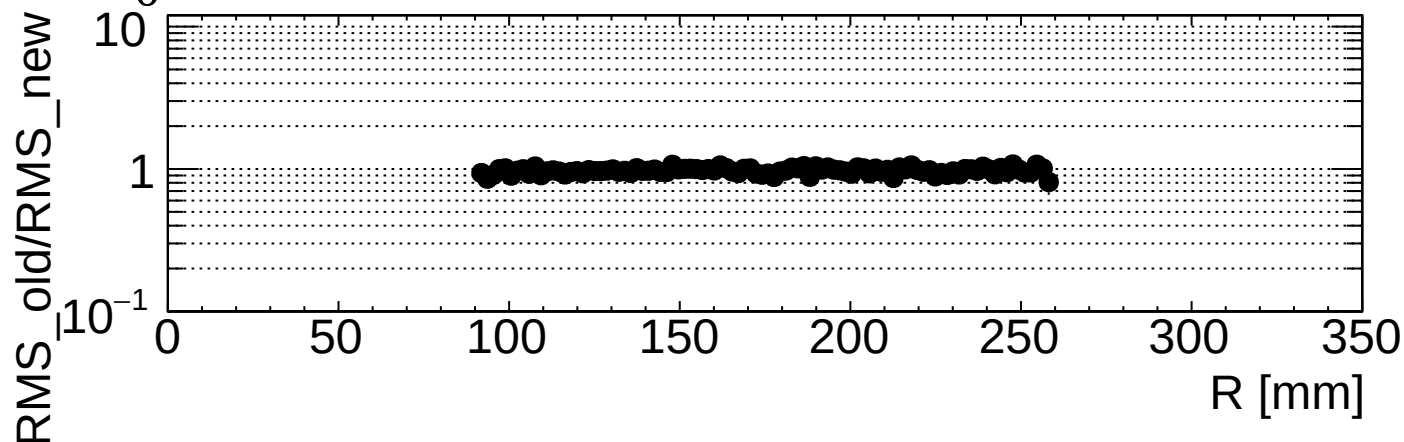
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PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



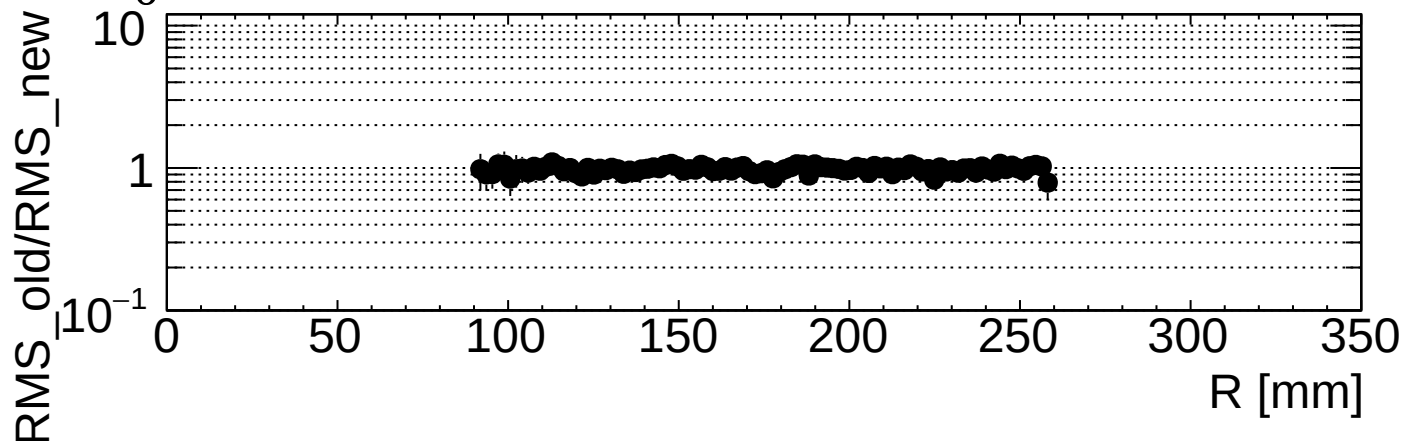
ECAL_Rgg_10ns20DegreeEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



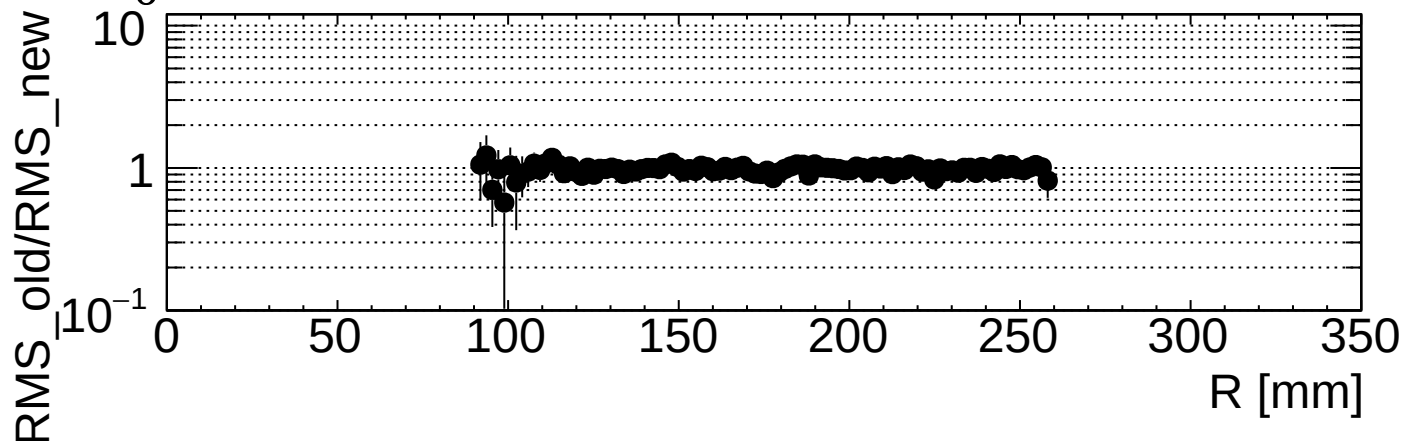
ECAL_Rgg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



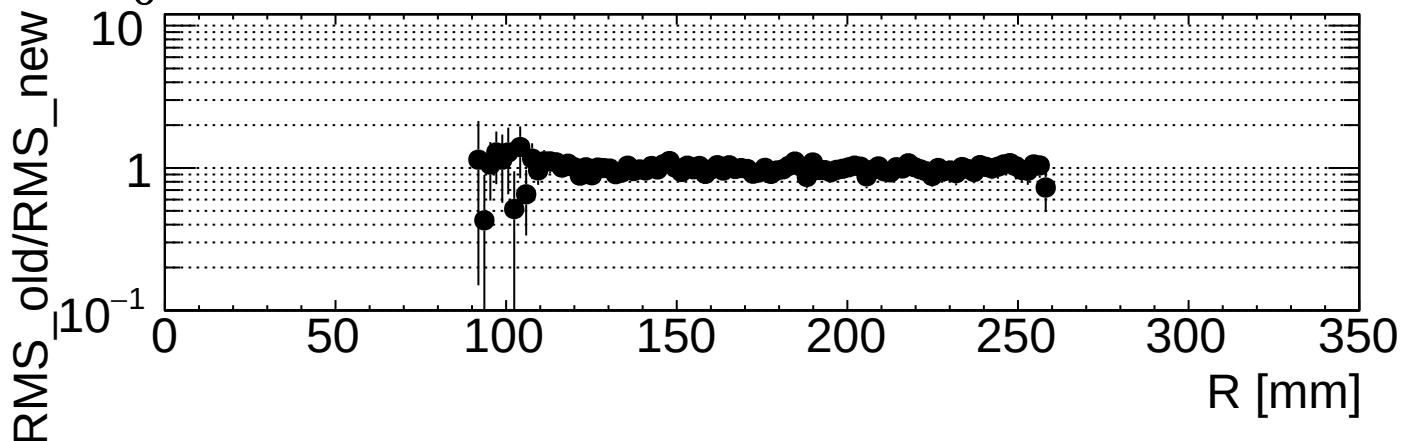
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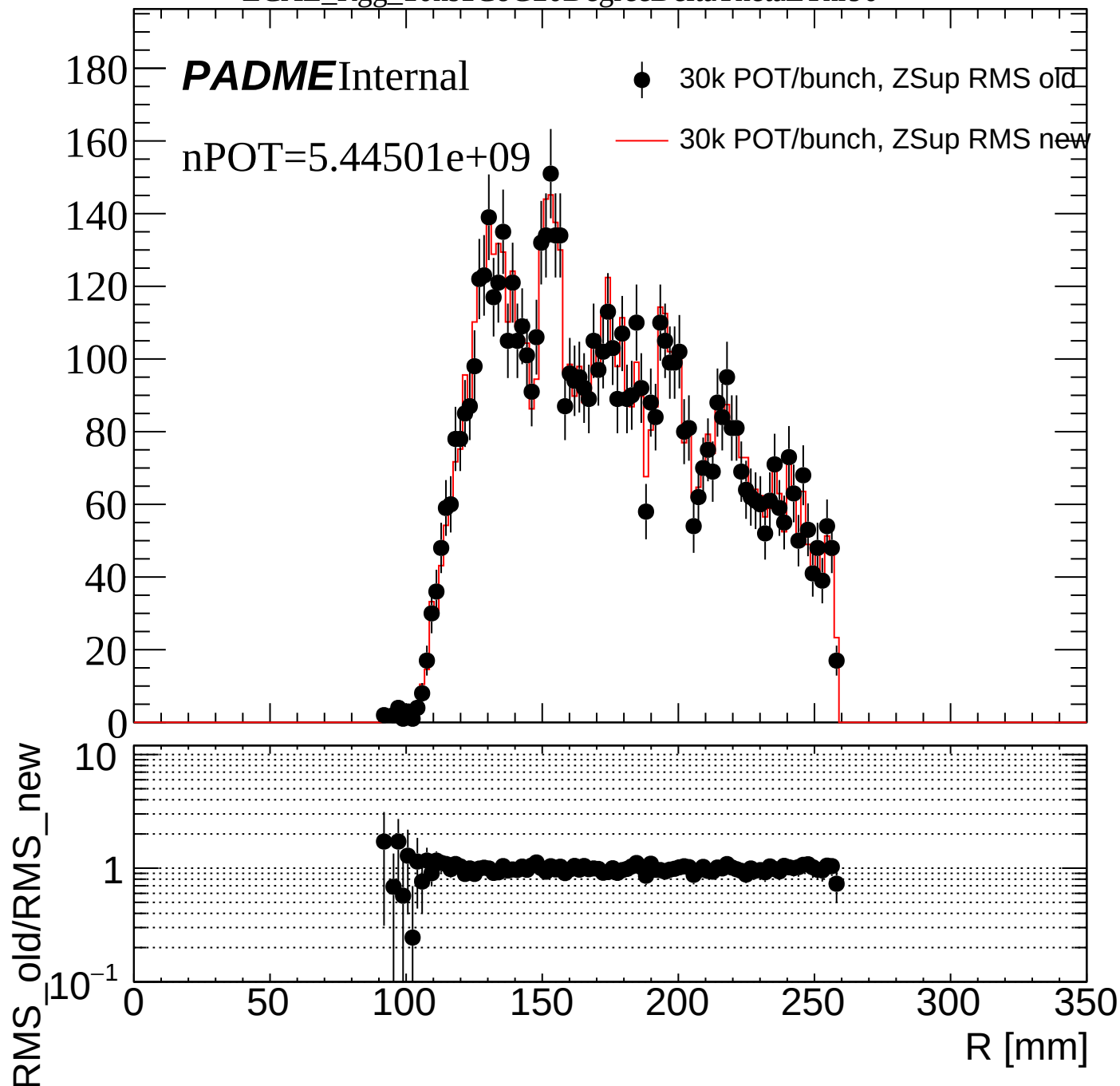
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





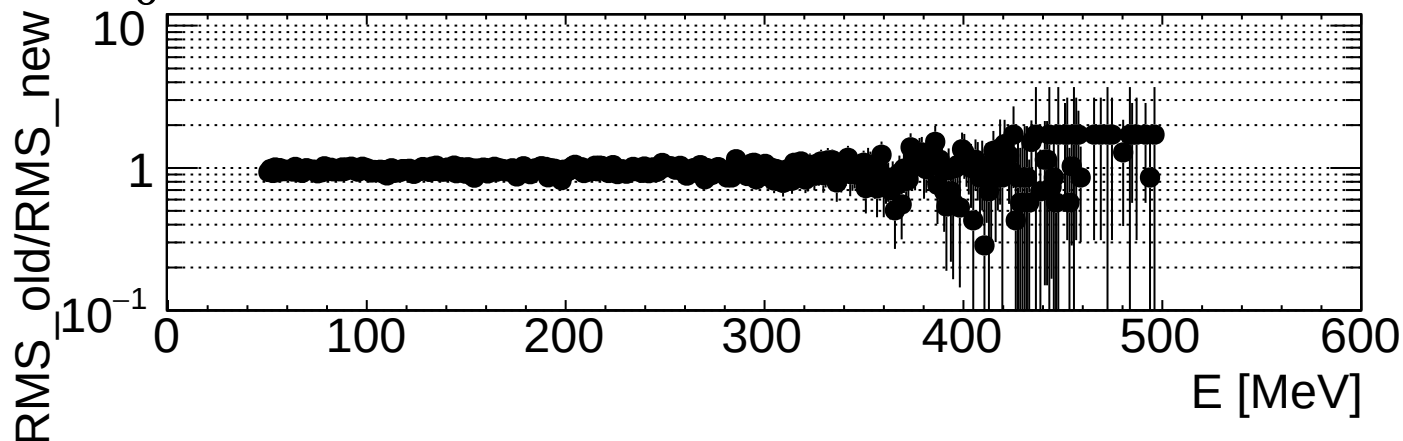
ECAL_Egg_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



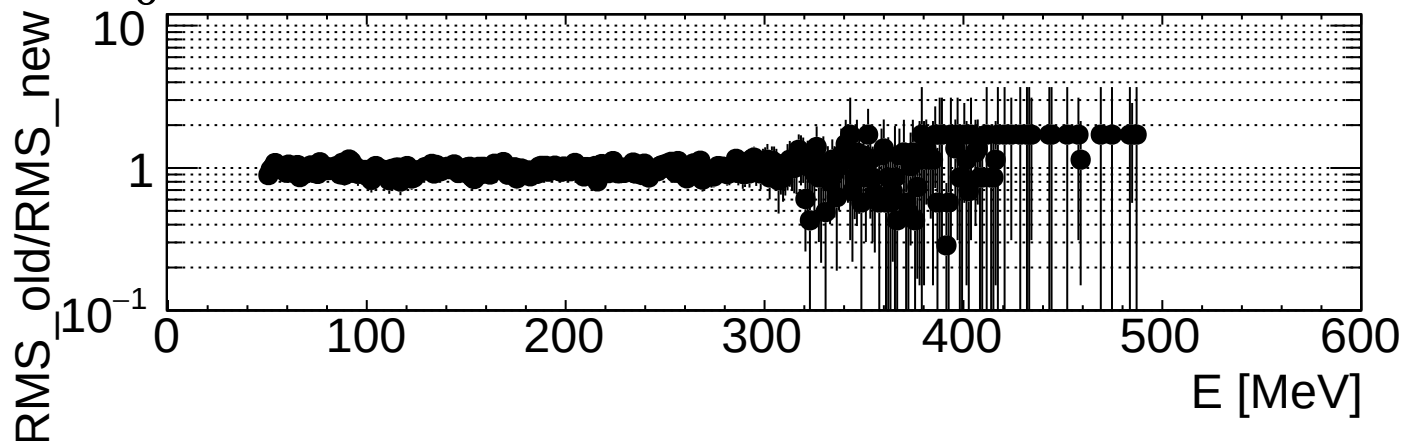
ECAL_Egg_10ns20Degree

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



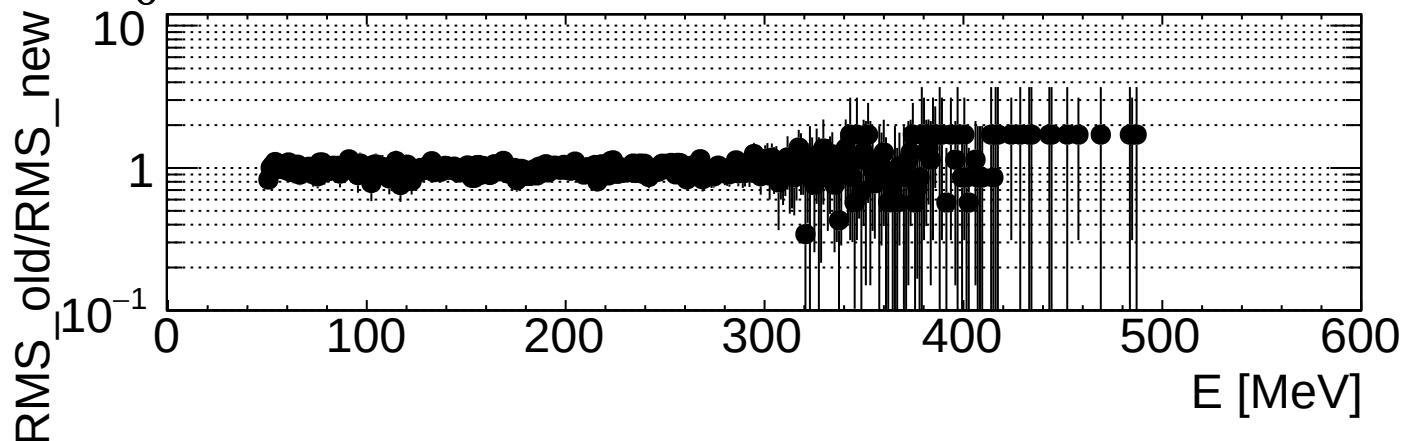
ECAL_Egg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



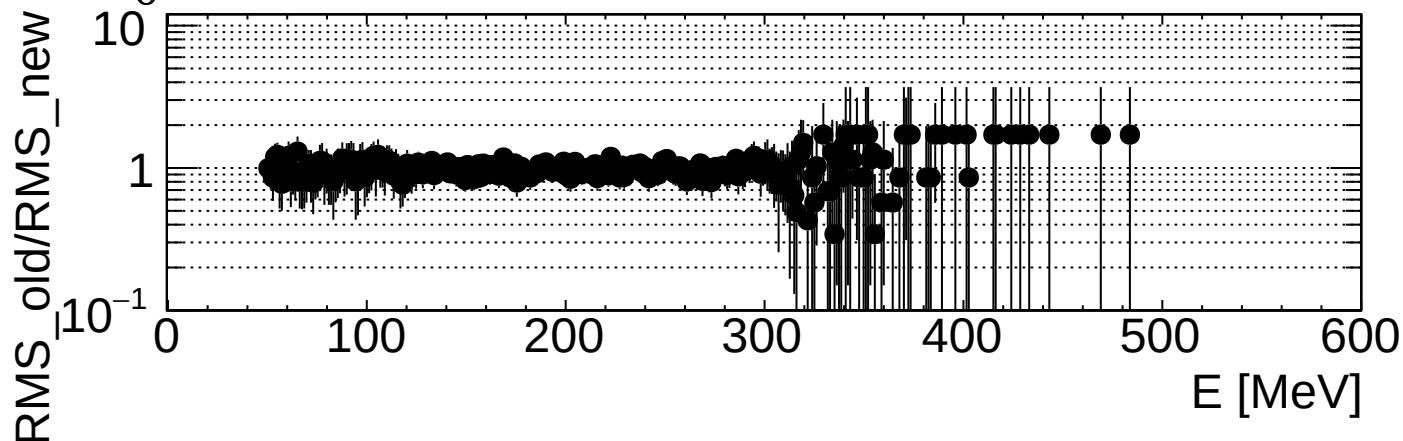
ECAL_Egg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



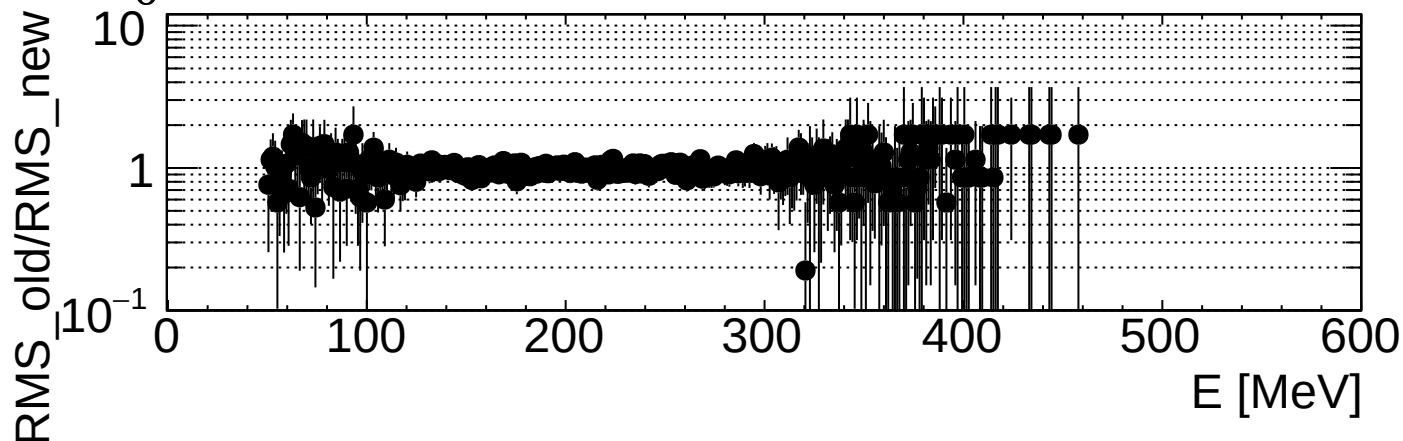
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



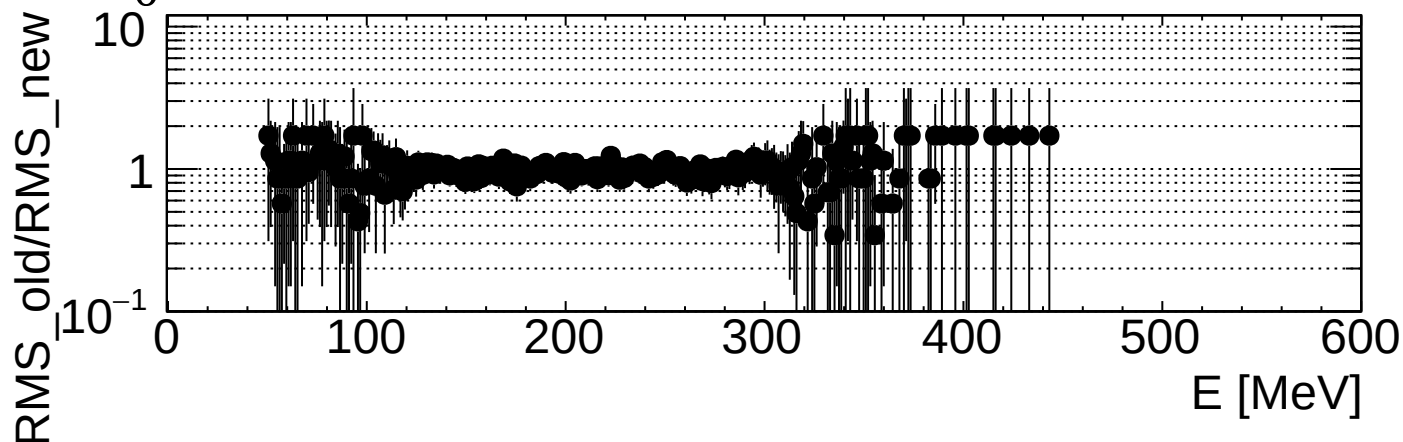
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



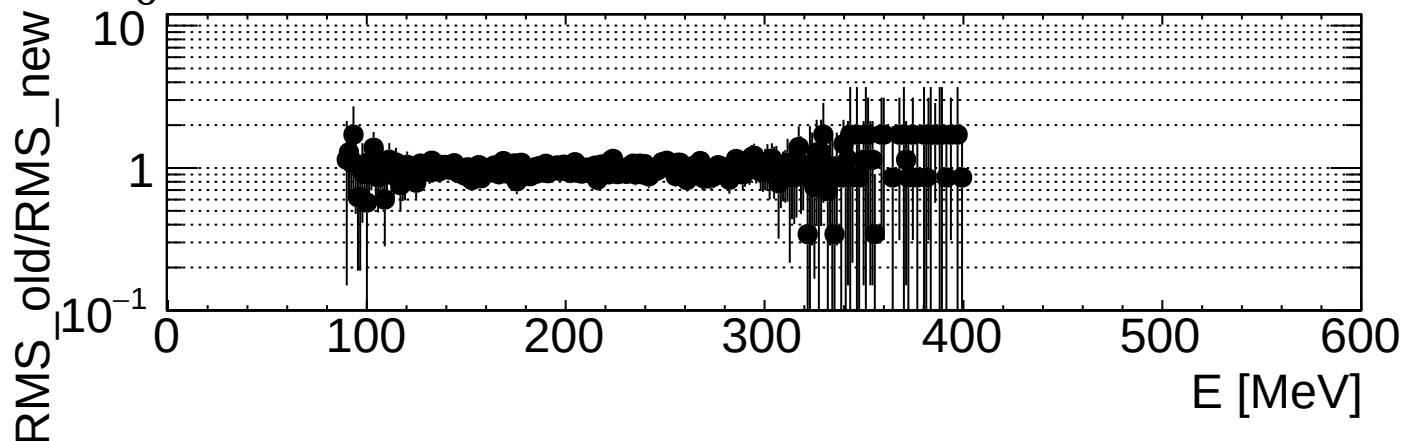
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

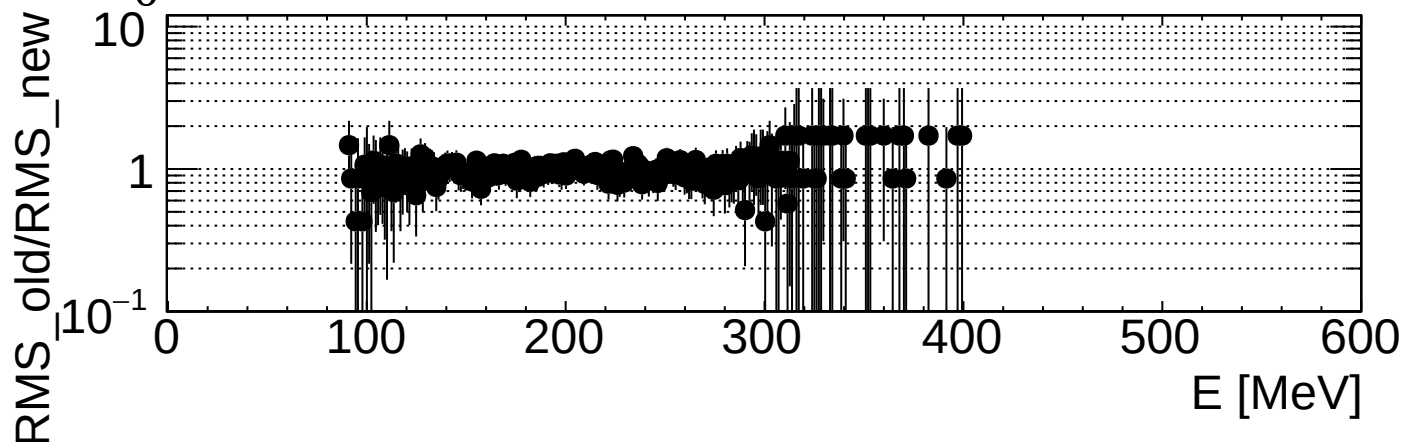
— 30k POT/bunch, ZSup RMS new



PADMEInternal

nPOT=5.44501e+09

- 30k POT/bunch, ZSup RMS old
- 30k POT/bunch, ZSup RMS new



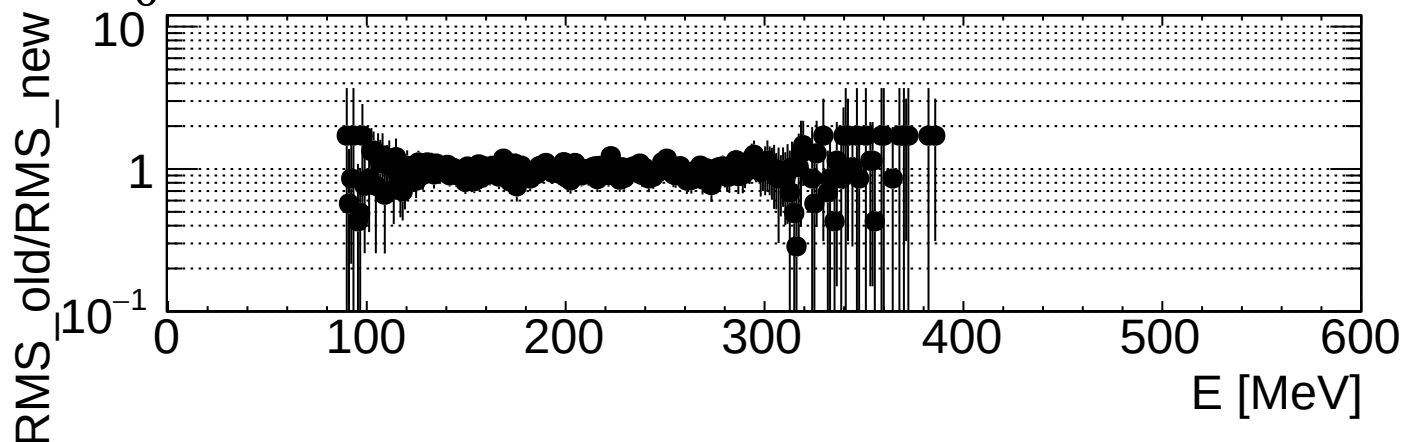
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



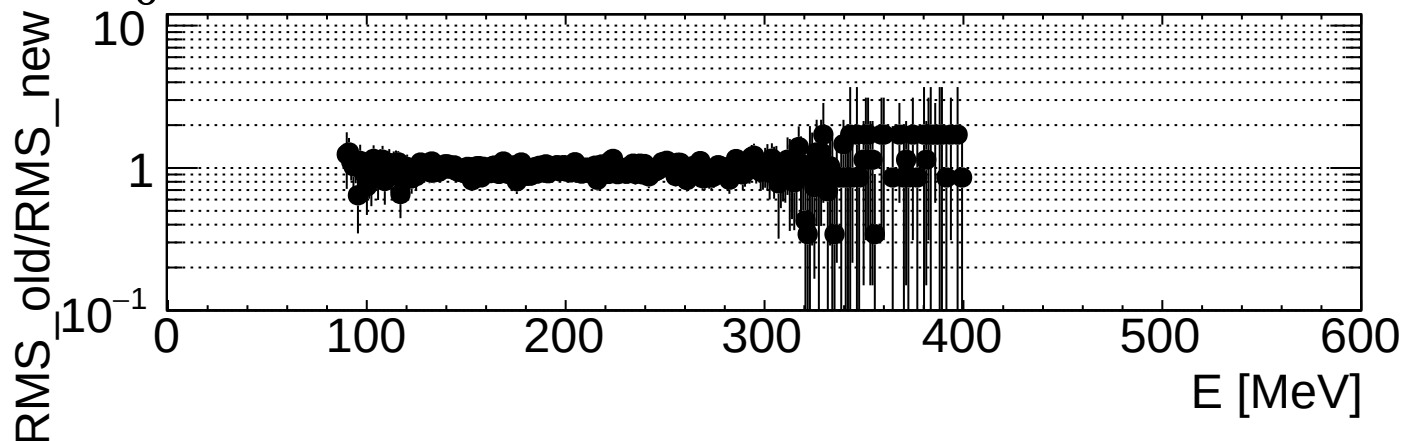
ECAL_Egg_10ns20DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



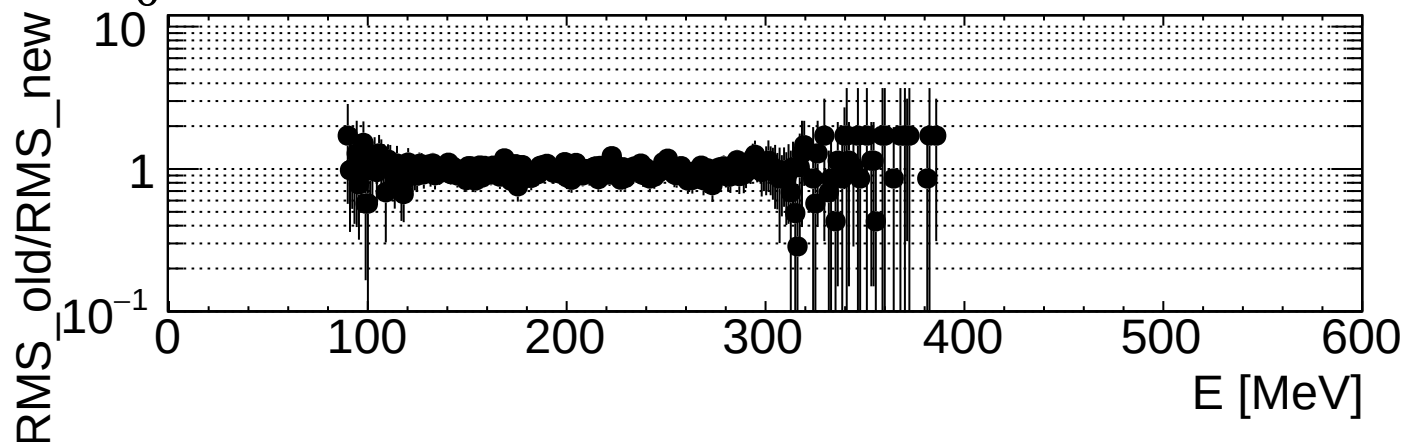
ECAL_Egg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



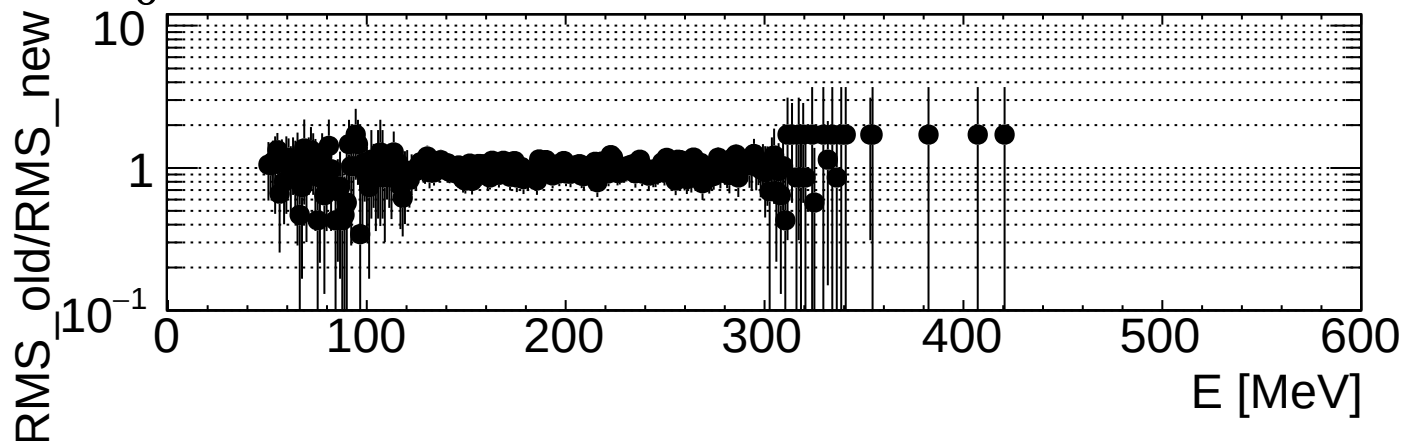
ECAL_Egg_10ns1CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



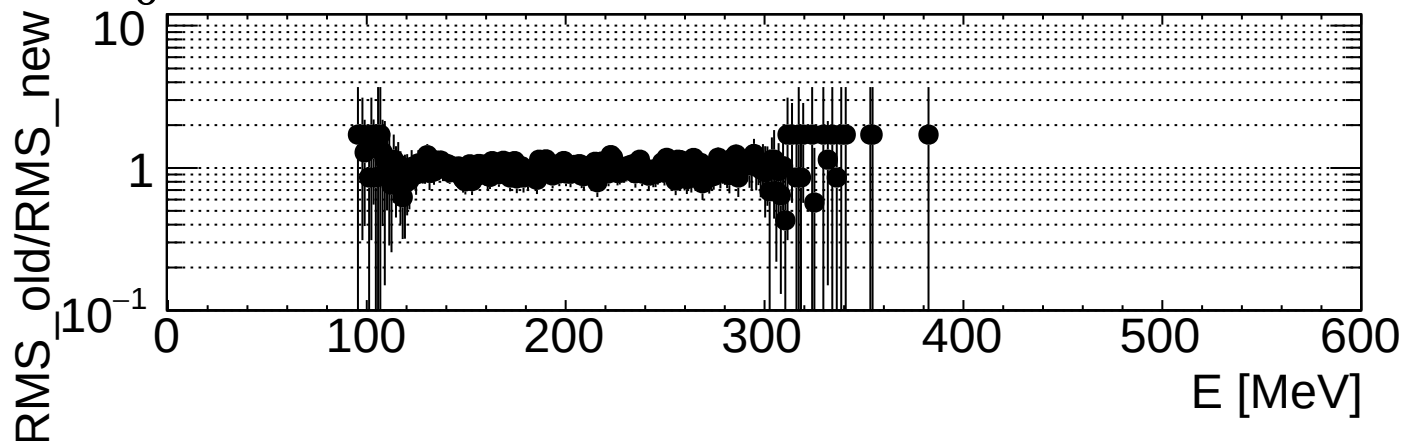
ECAL_Egg_10ns1CoGUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



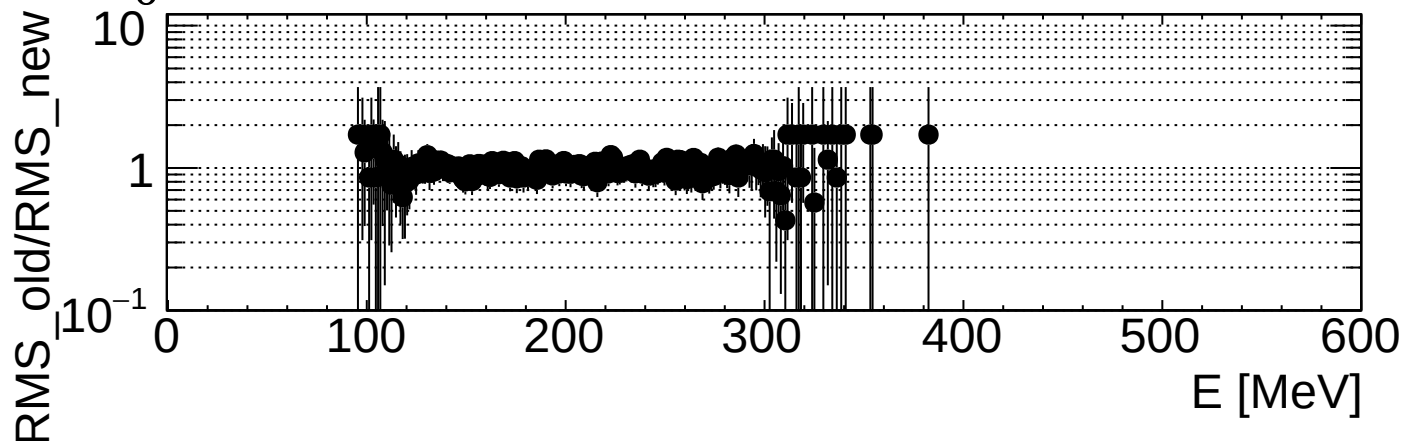
ECAL_Egg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

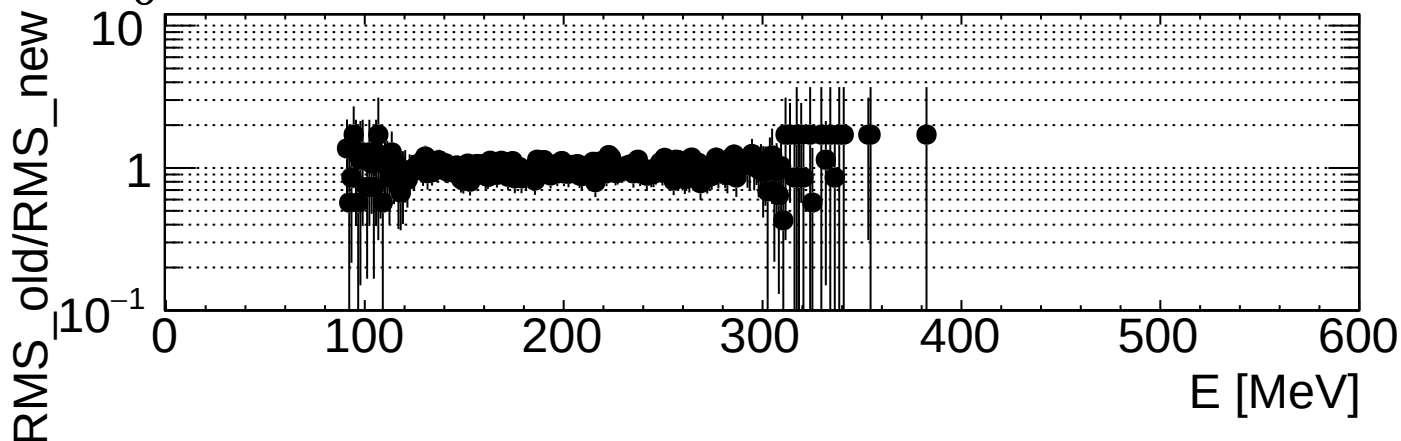


ECAL_Egg_10ns1CoGEThr90

PADMEInternal

nPOT=5.44501e+09

- 30k POT/bunch, ZSup RMS old
- 30k POT/bunch, ZSup RMS new



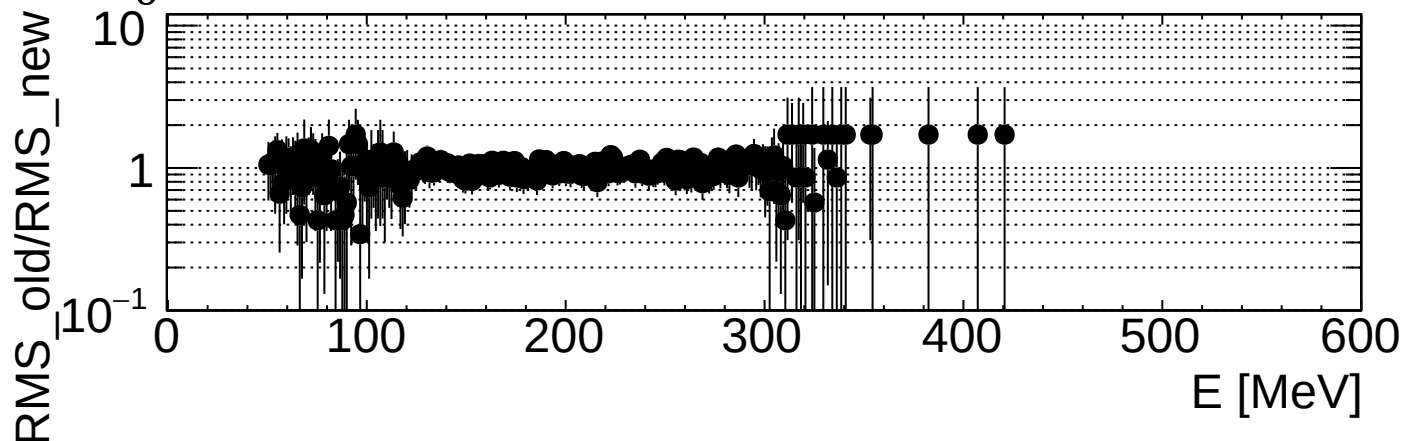
ECAL_Egg_10ns1CoG20Degree

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



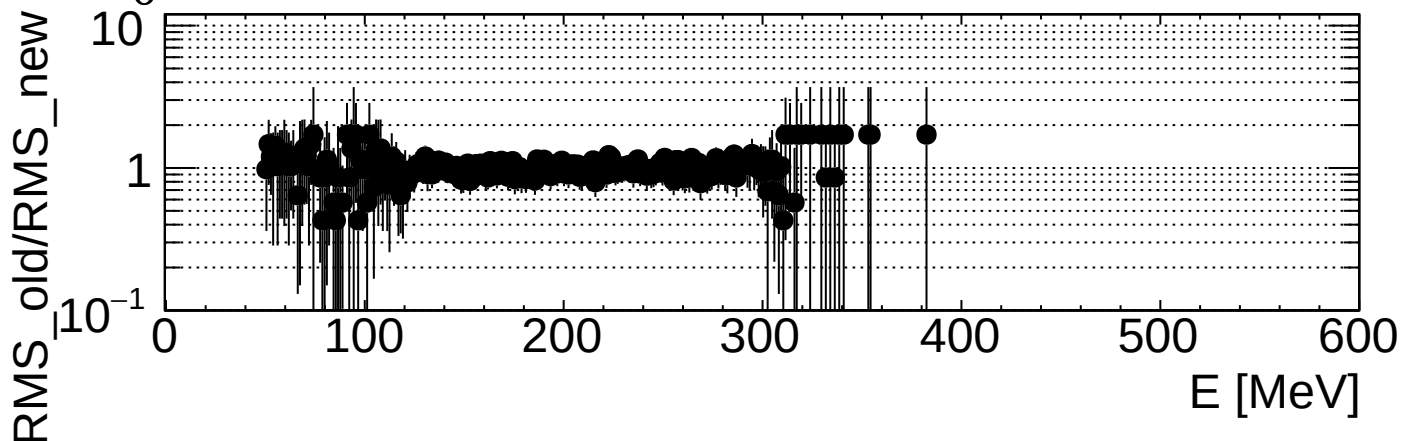
ECAL_Egg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

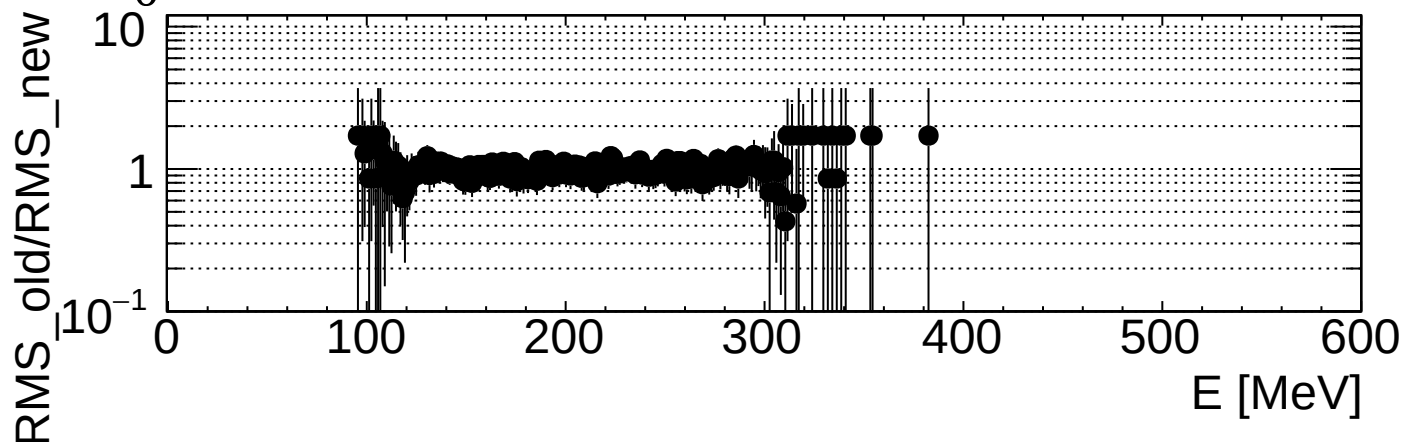


ECAL_Egg_10ns1CoG20DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=5.44501e+09

- 30k POT/bunch, ZSup RMS old
- 30k POT/bunch, ZSup RMS new



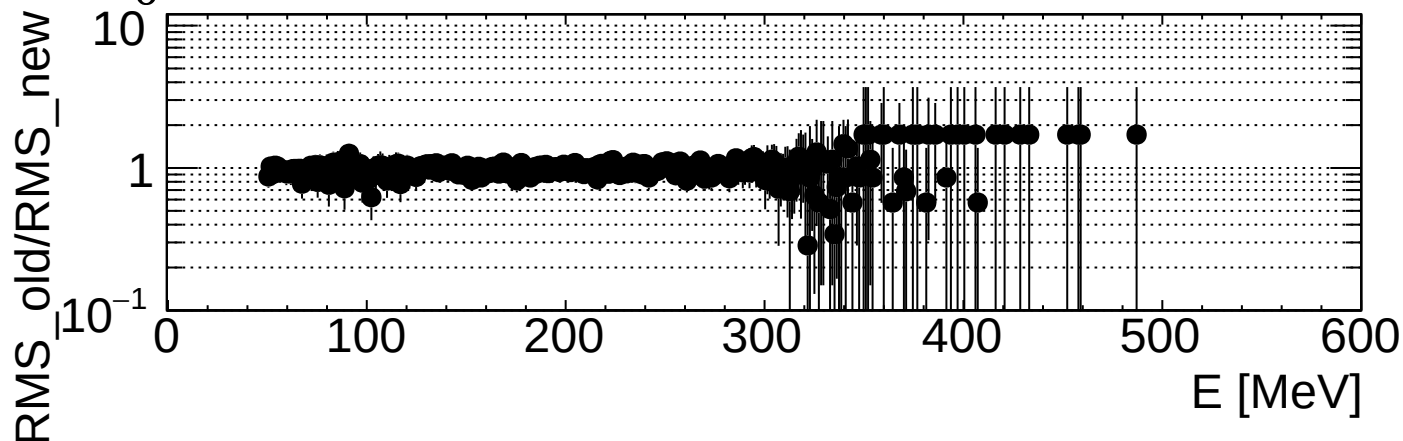
ECAL_Egg_10ns3CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



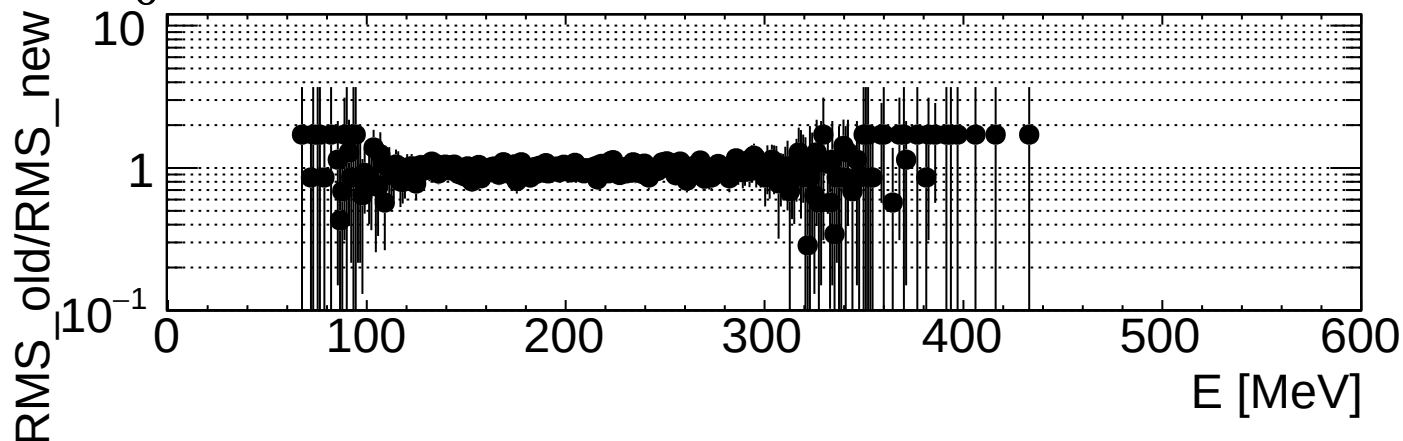
ECAL_Egg_10ns3CoGUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



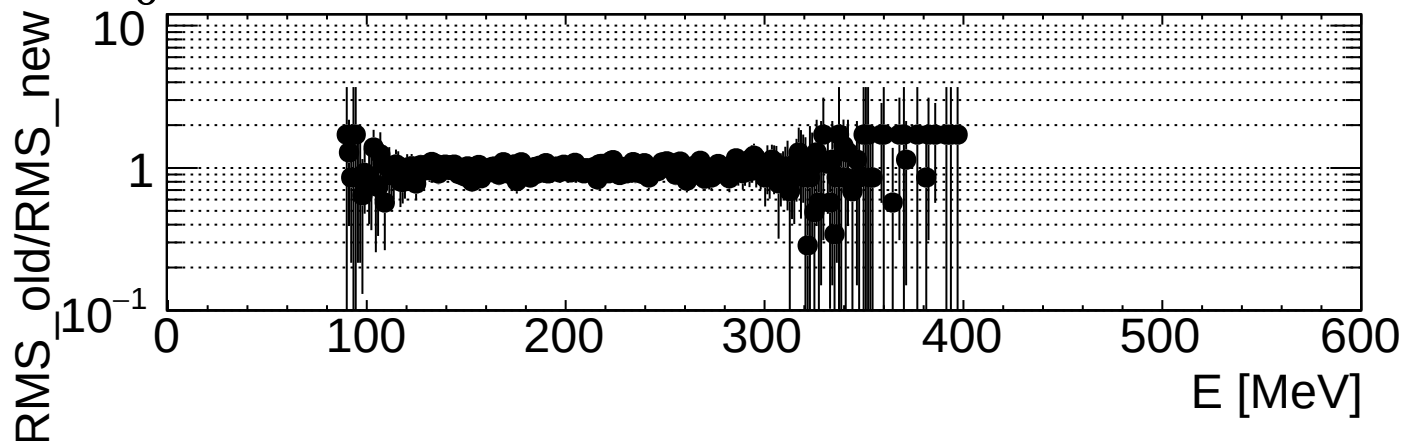
ECAL_Egg_10ns3CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



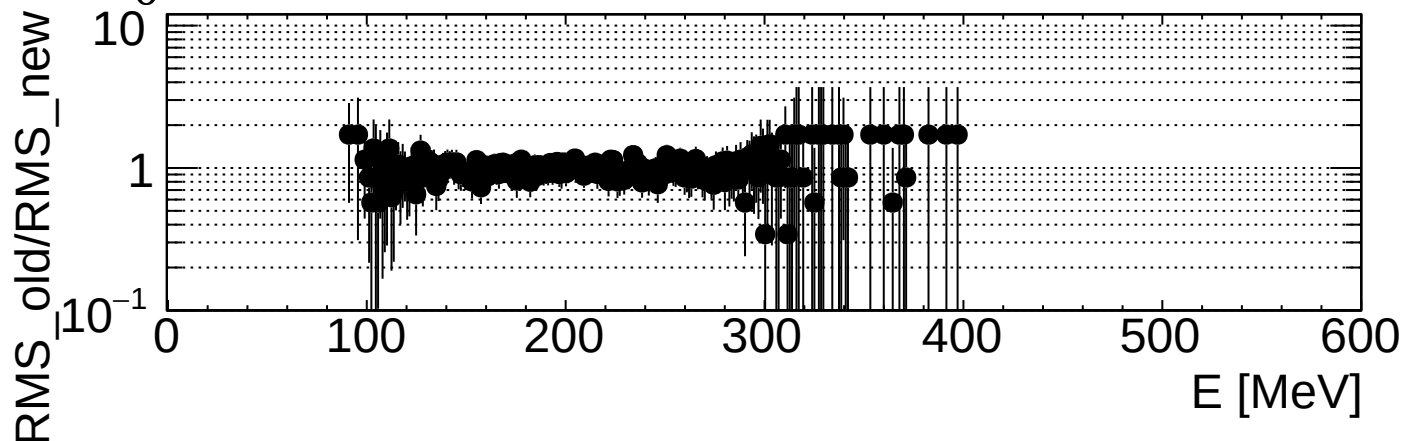
ECAL_Egg_10ns3CoGUnderPeakEThr90_FRY

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



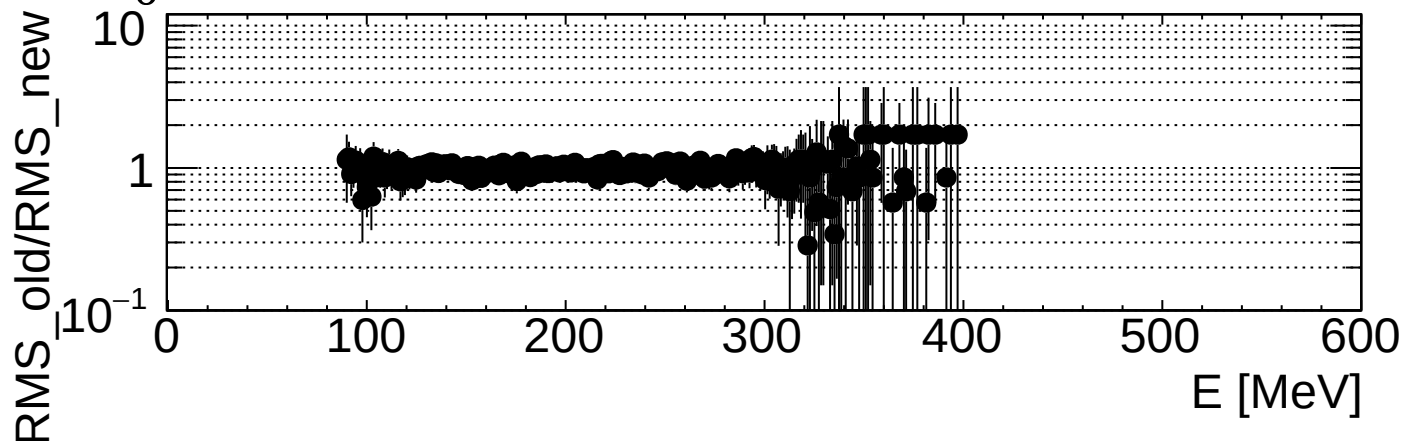
ECAL_Egg_10ns3CoGEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



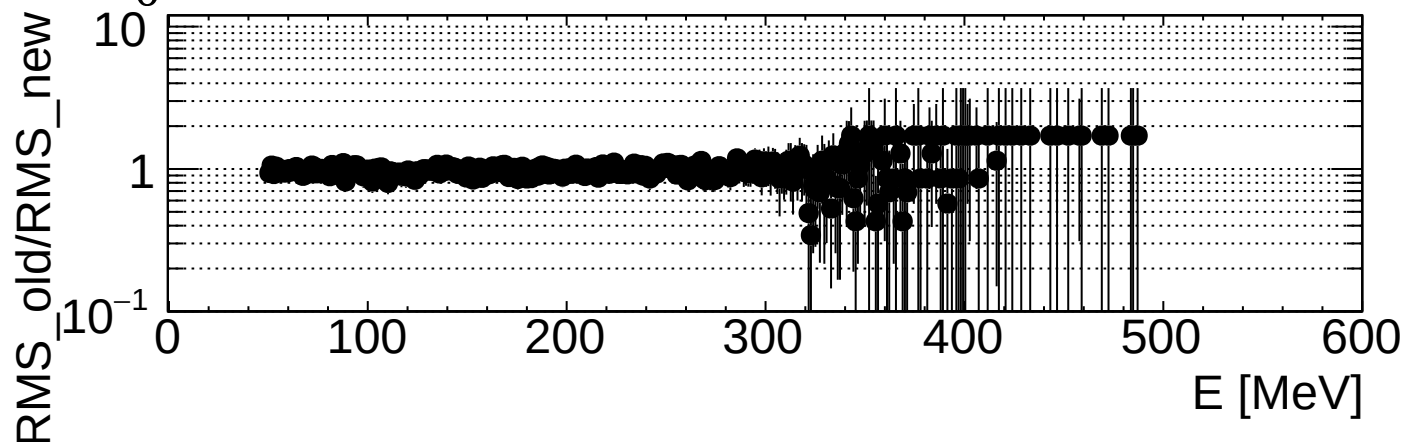
ECAL_Egg_10ns5CoG

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



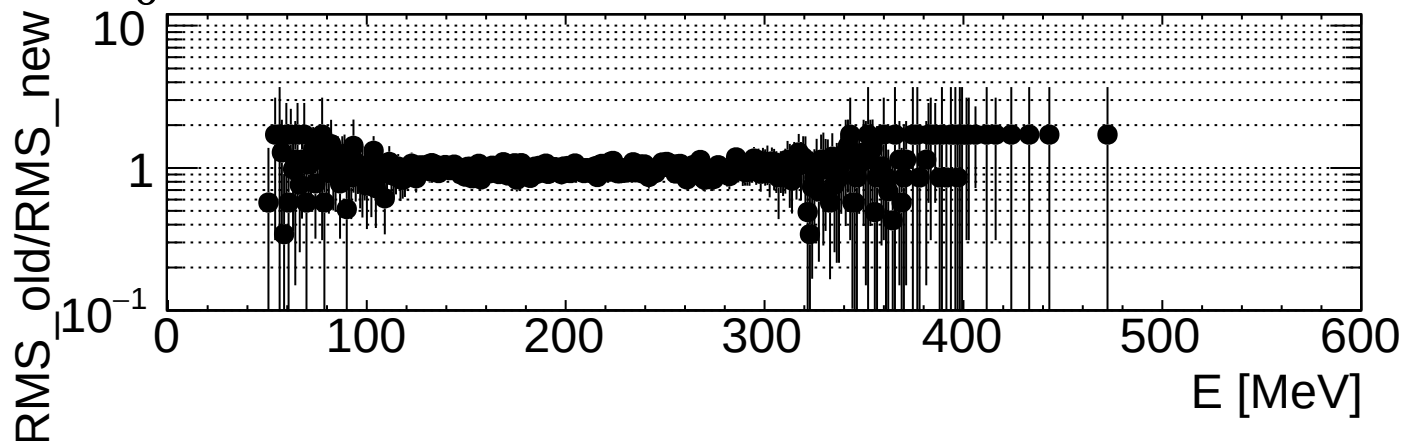
ECAL_Egg_10ns5CoGUnderPeak

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



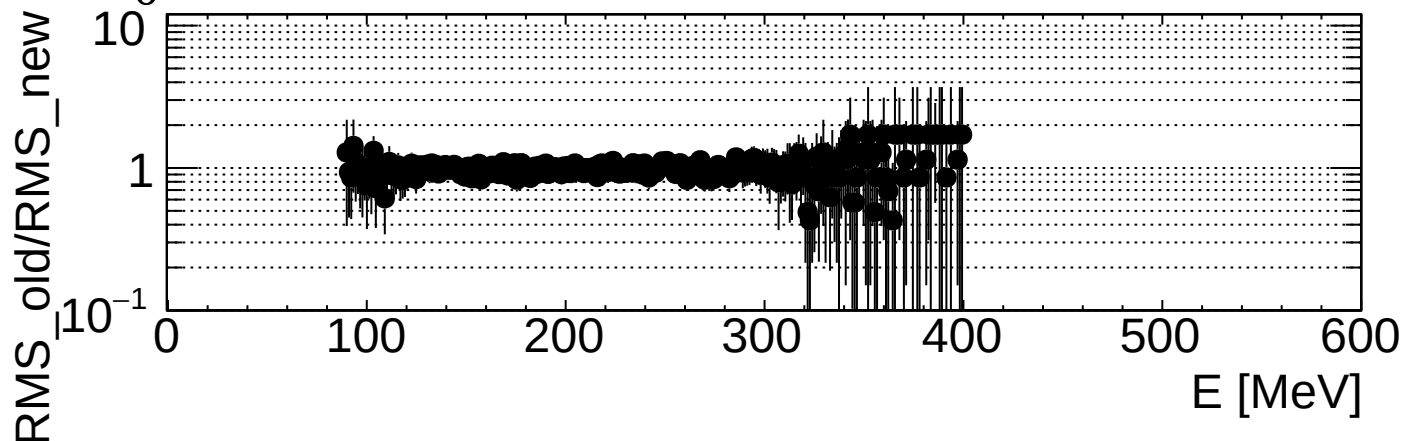
ECAL_Egg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

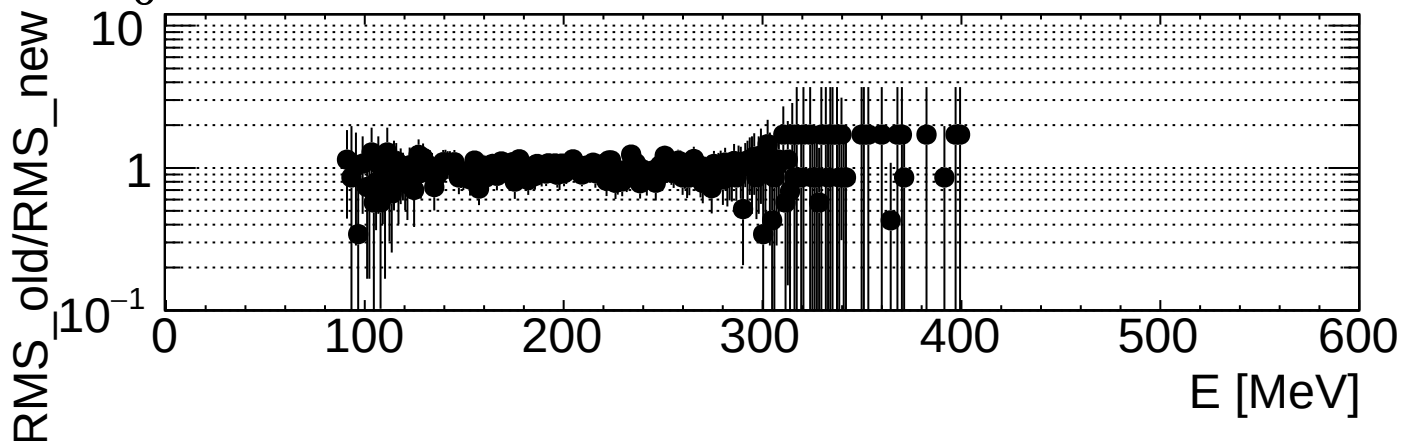


PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



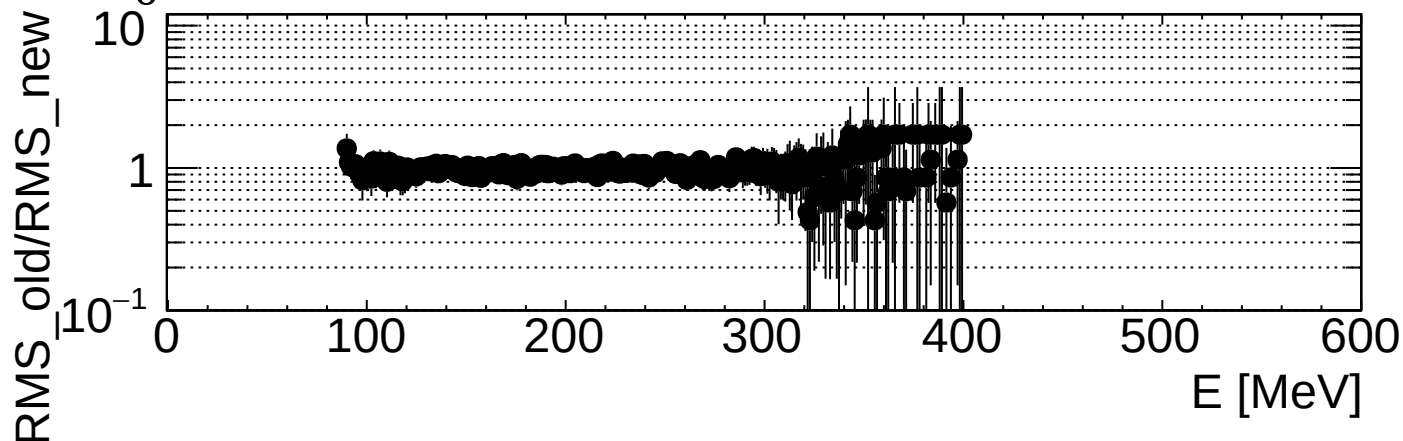
ECAL_Egg_10ns5CoGEThr90

PADMEInternal

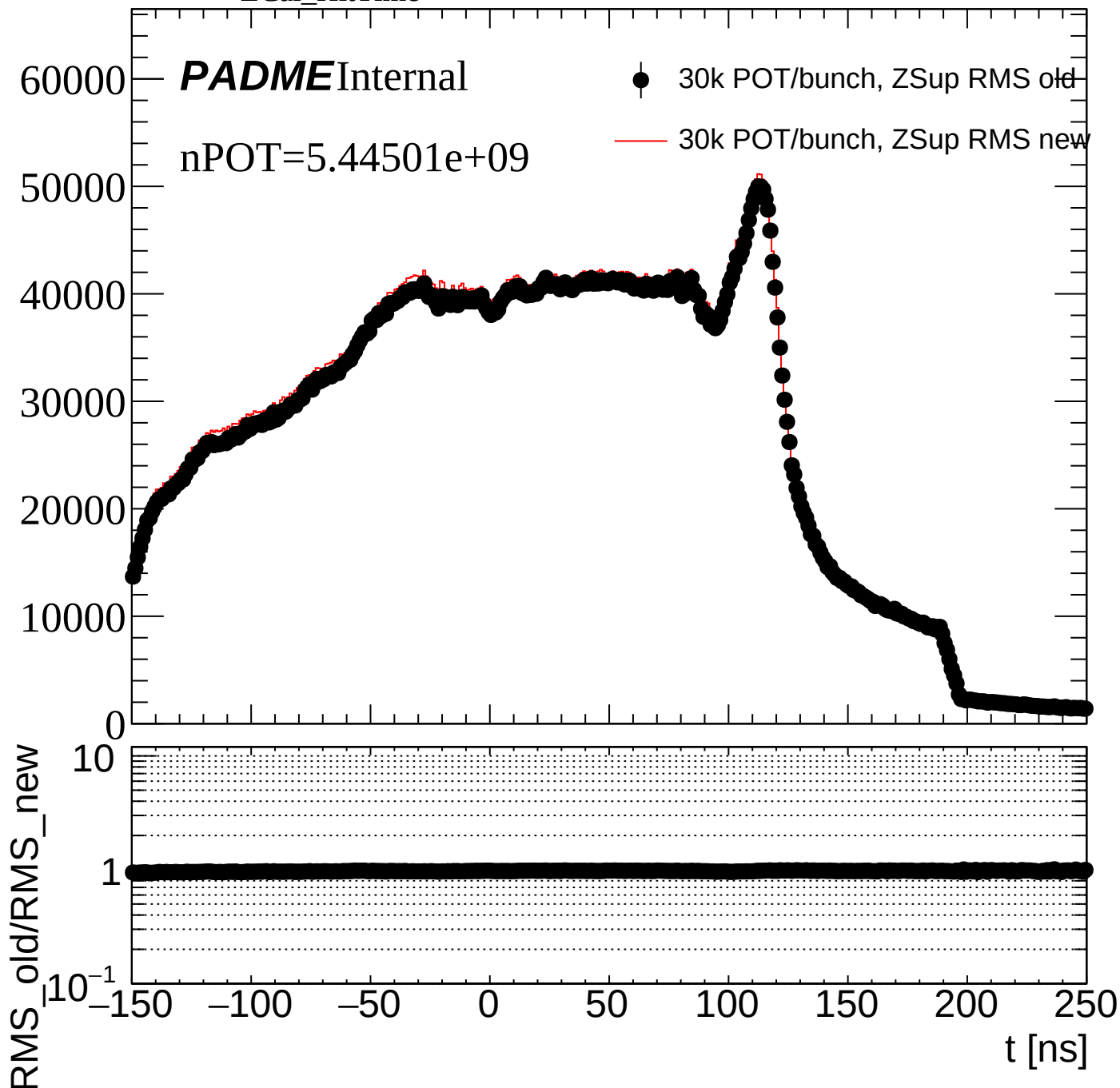
nPOT=5.44501e+09

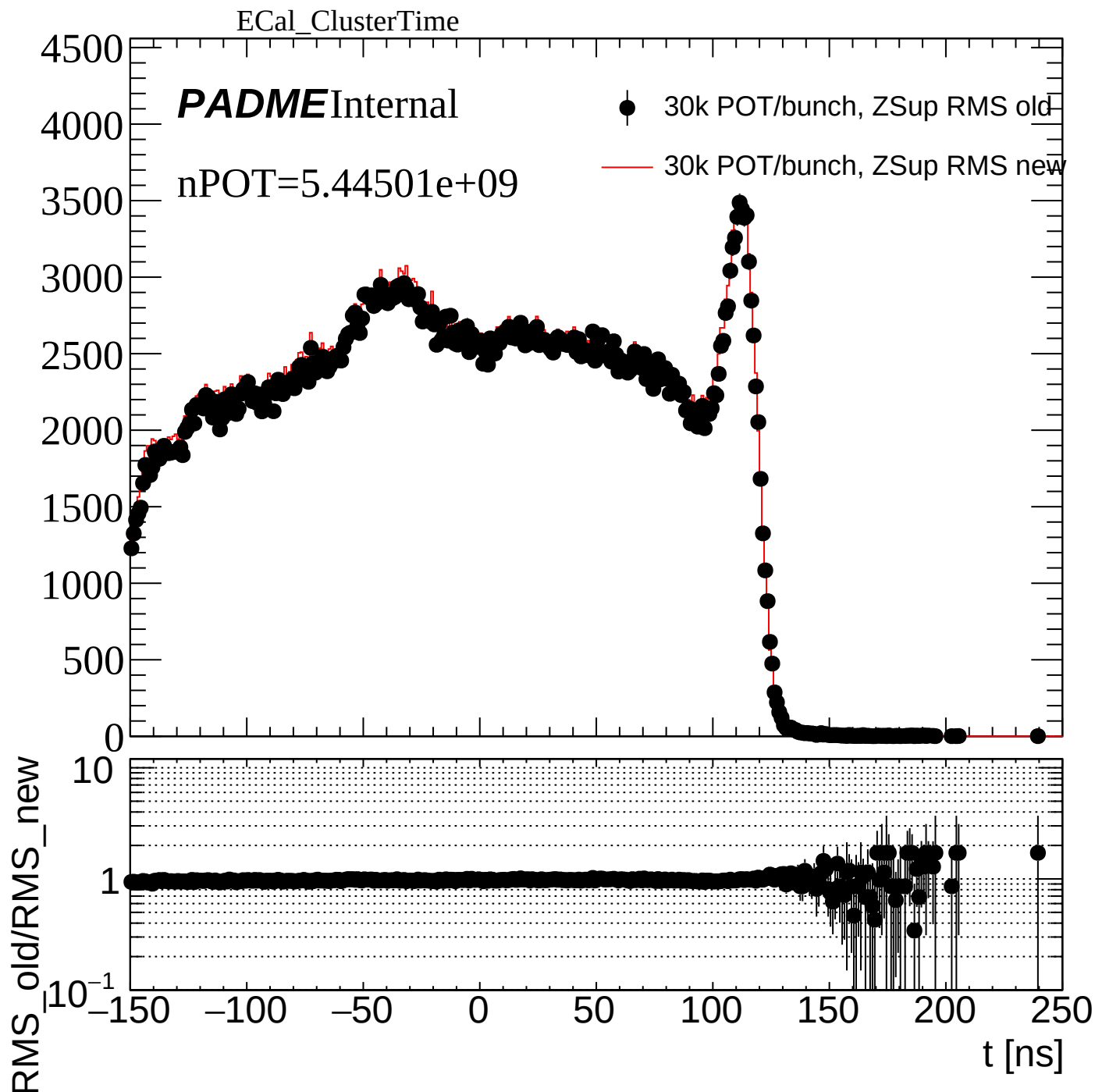
● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECal_HitTime





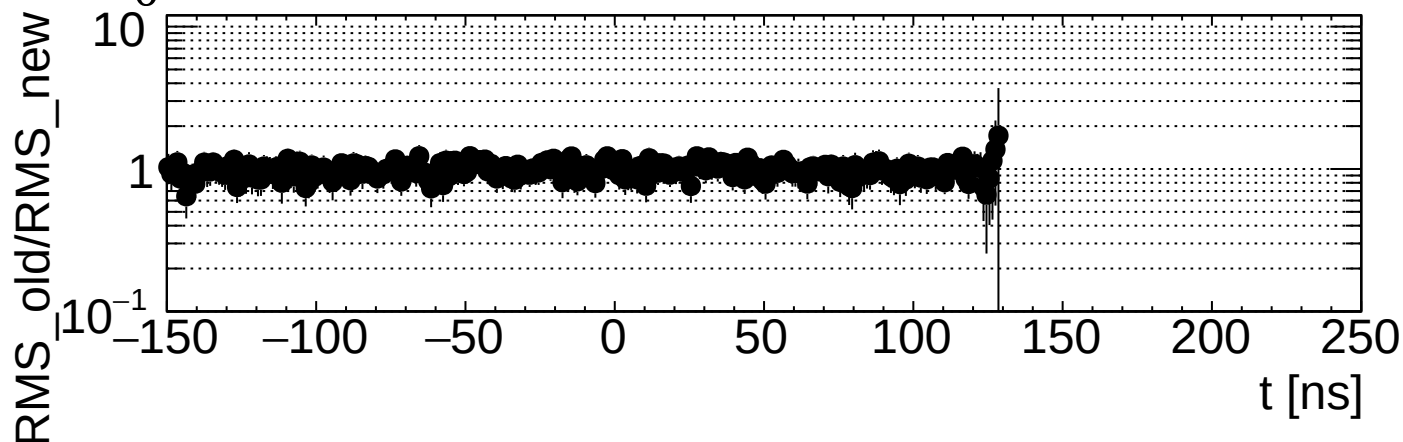
ECAL_tgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



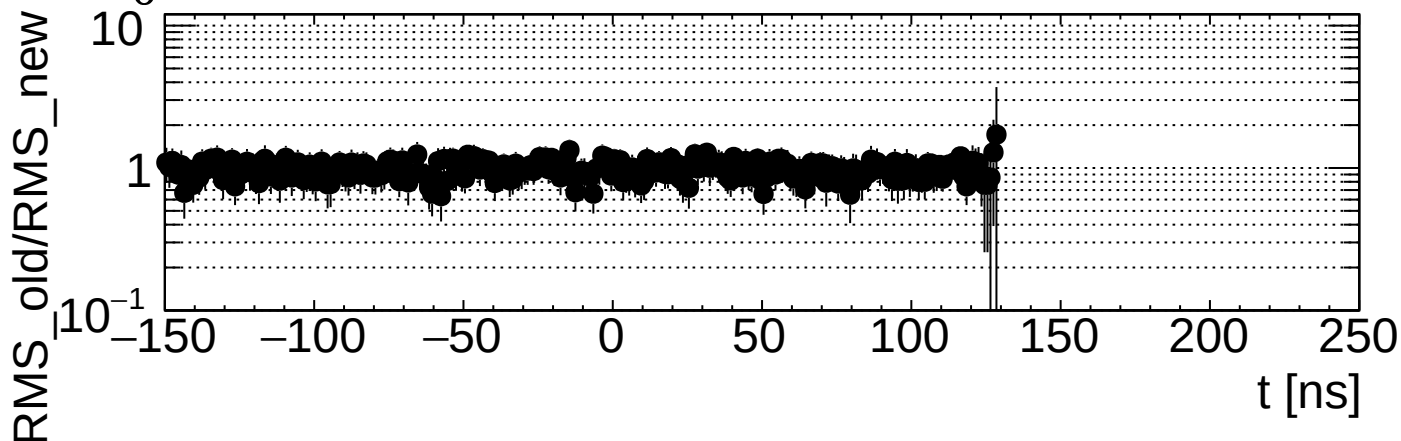
ECAL_tgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

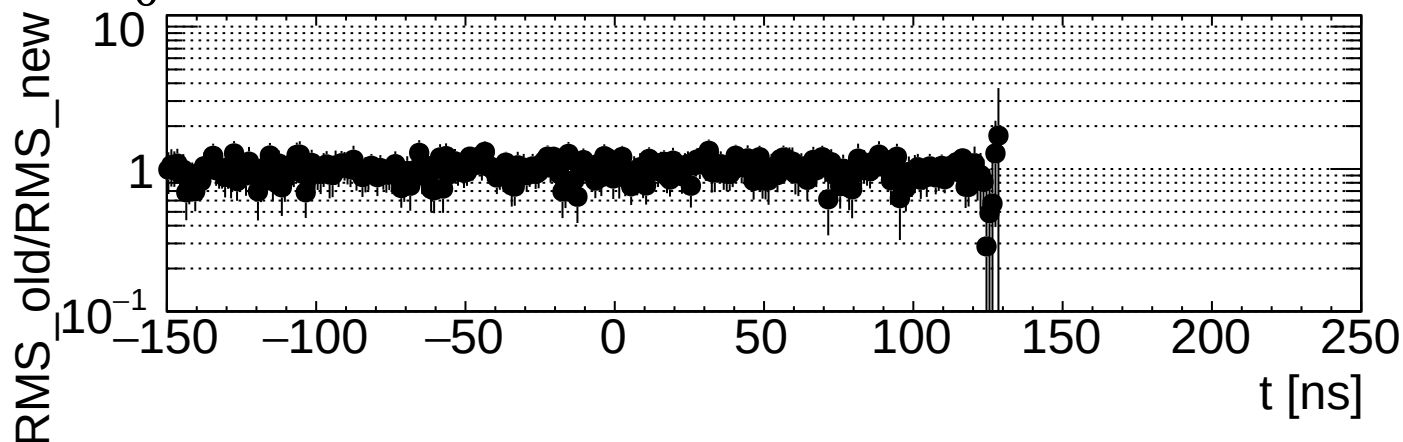


ECAL_tgg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old
— 30k POT/bunch, ZSup RMS new



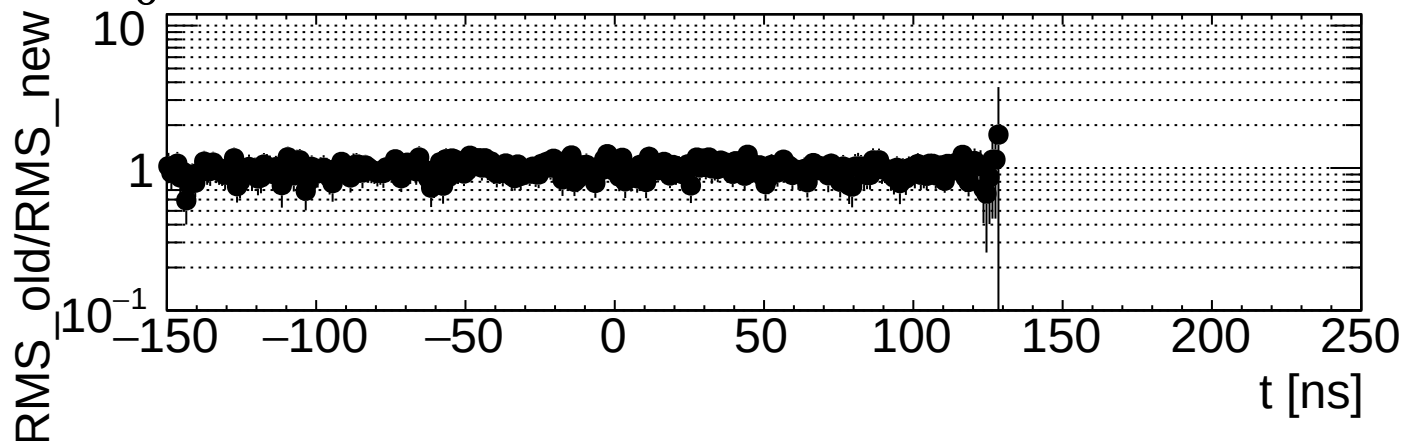
ECAL_tgg_10ns3CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



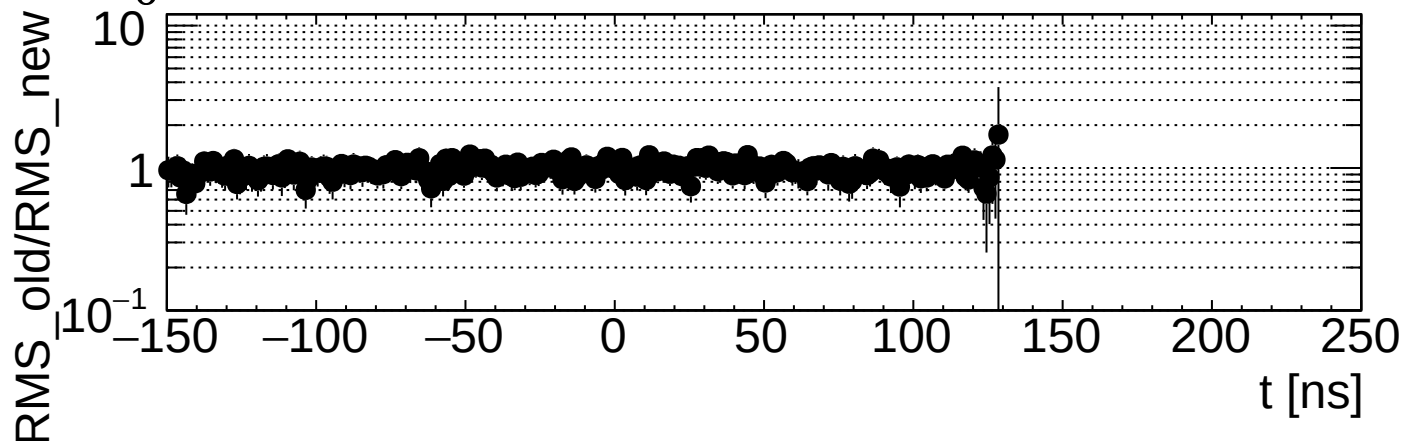
ECAL_tgg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



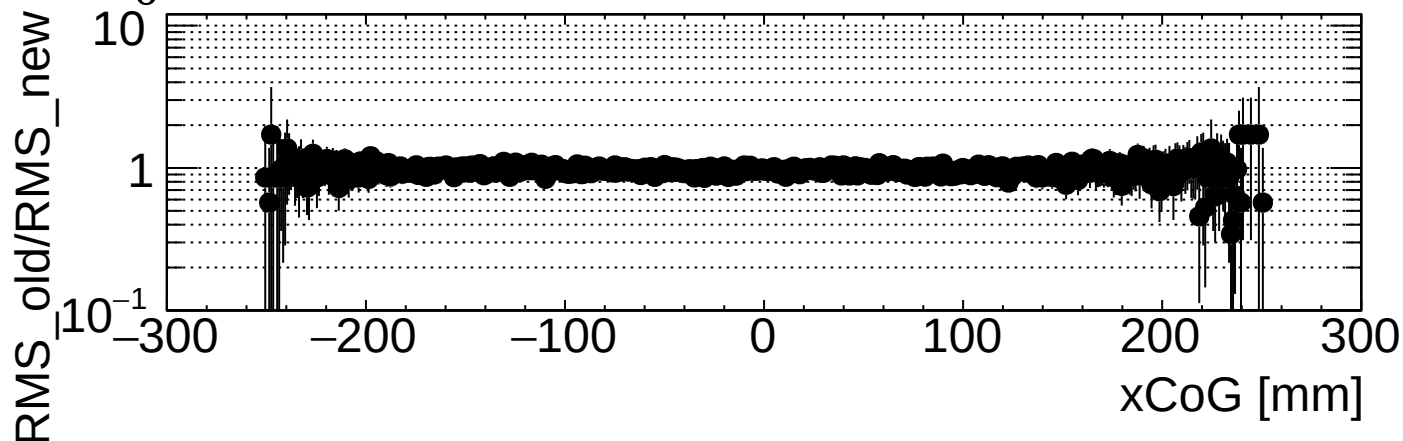
ECal_xCoG_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



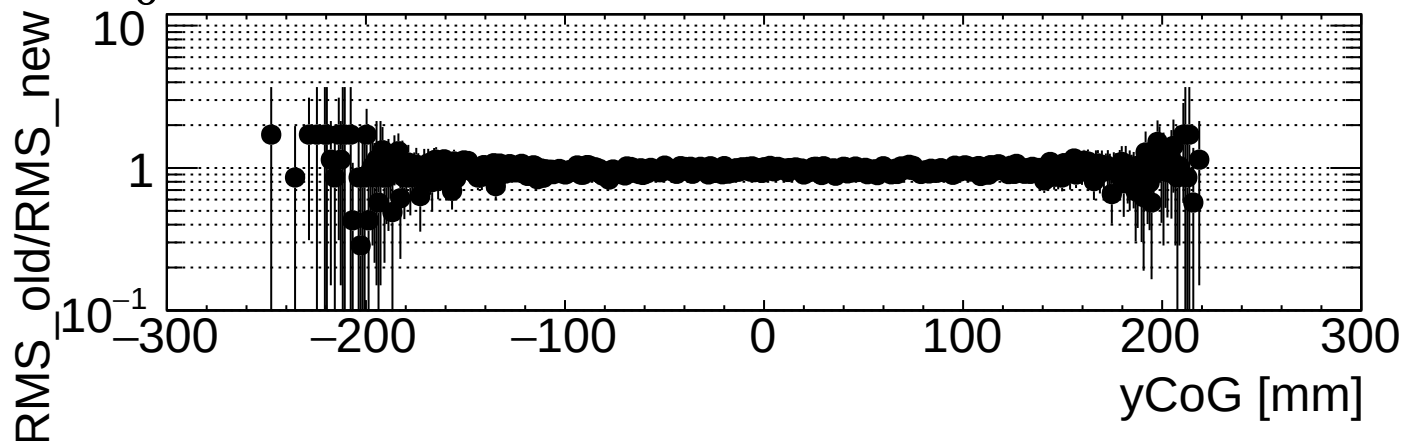
ECal_yCoG_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



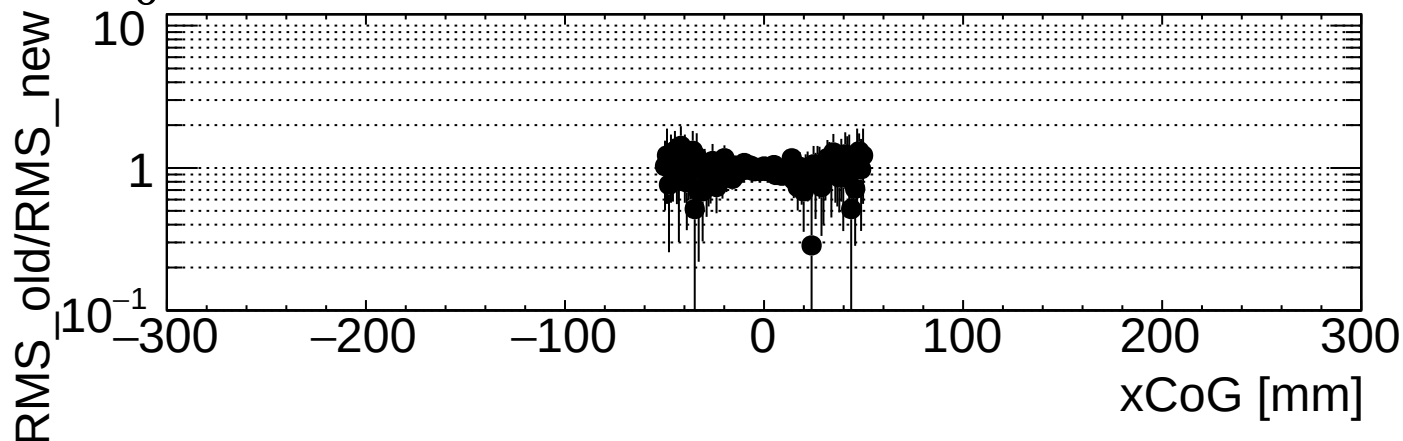
ECAL_xCoGgg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



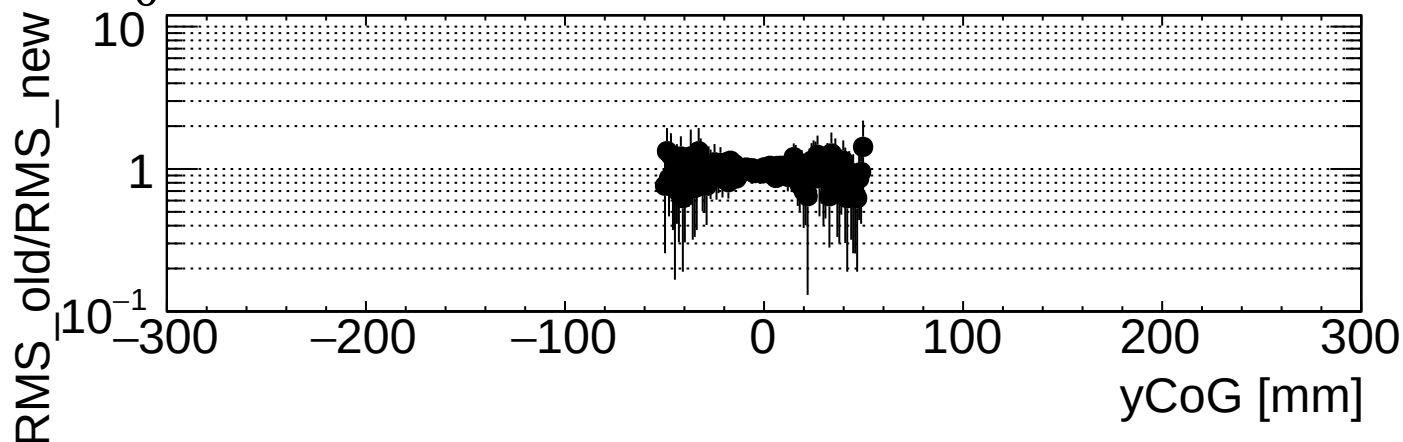
ECAL_yCoGgg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



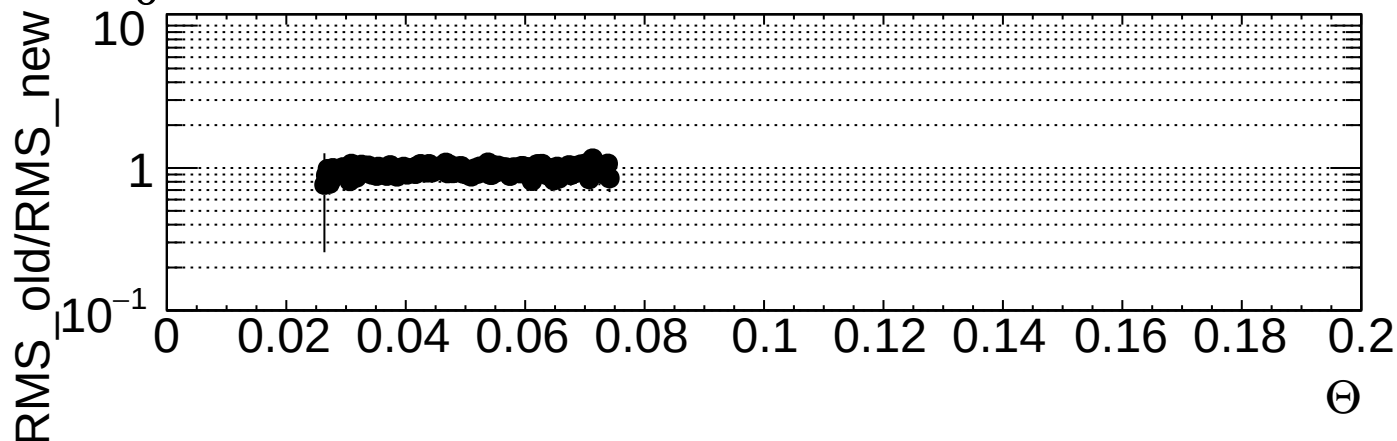
ECAL_Theta_10nsUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



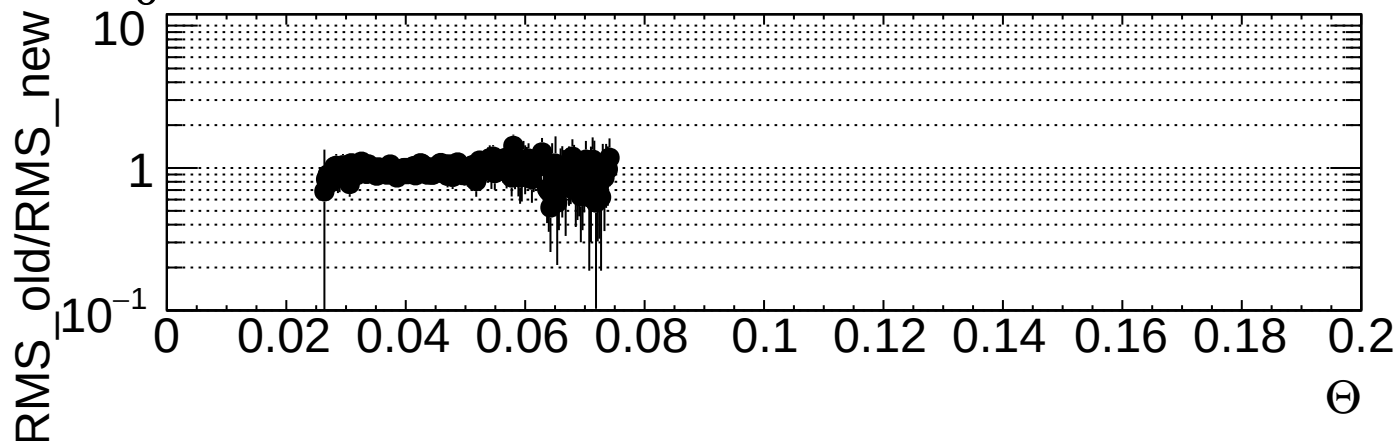
ECAL_ThetaG1_10nsUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



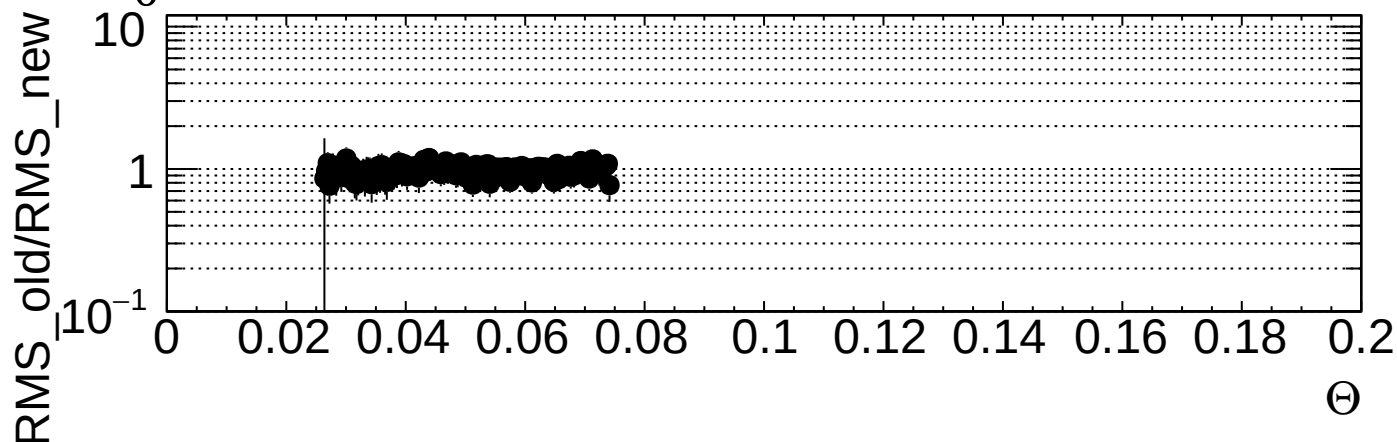
ECAL_ThetaG2_10nsUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_DeltaTheta_10ns

1000

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

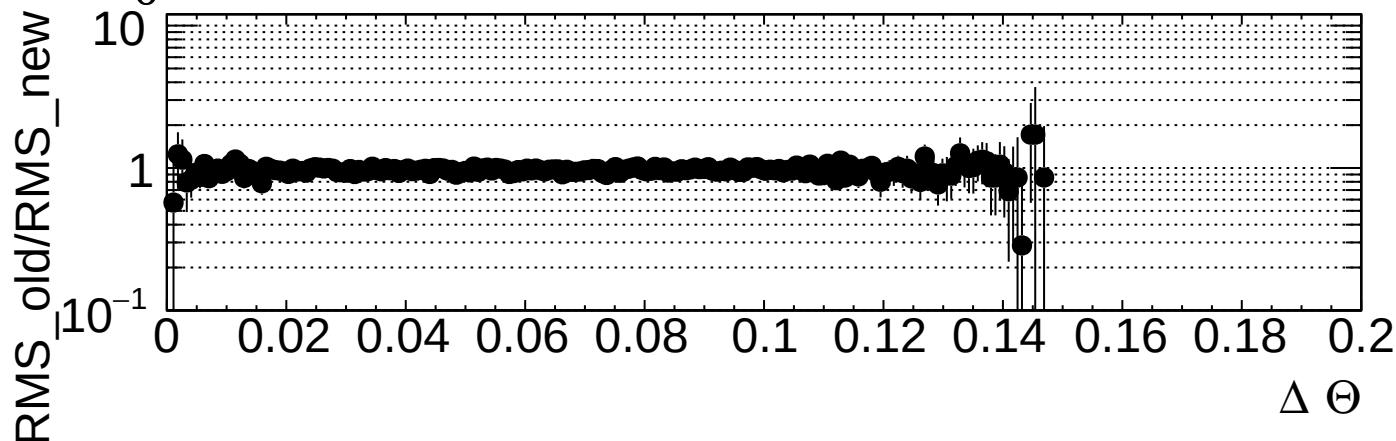
800

600

400

200

0



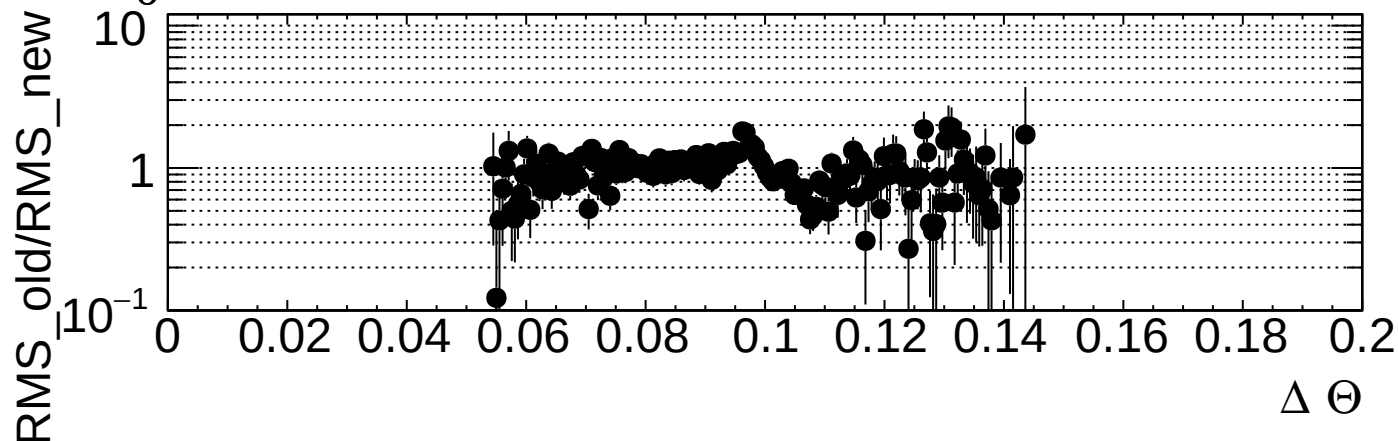
ECAL_DeltaTheta_10nsDeltaPhi20

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



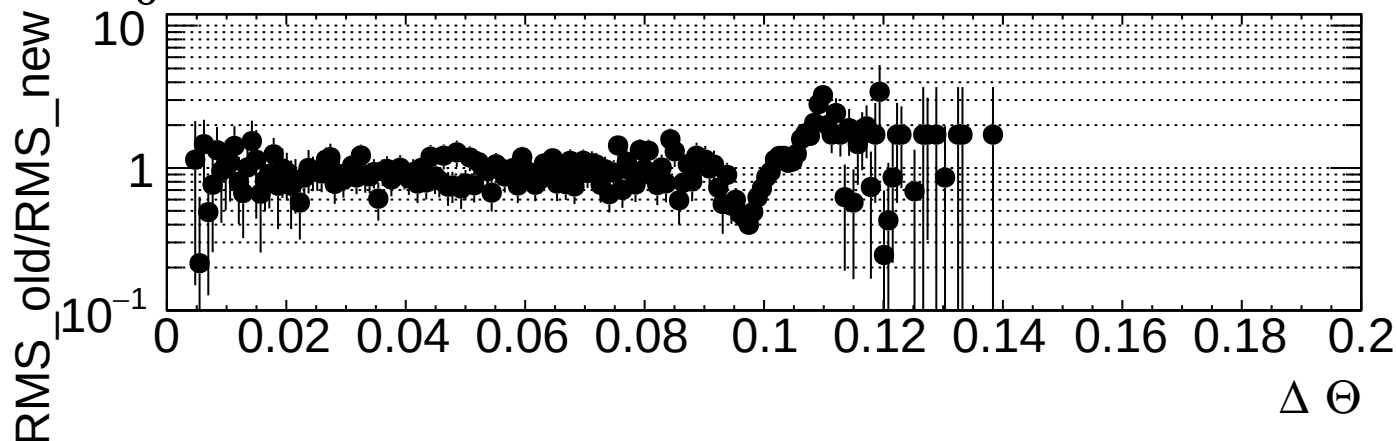
ECAL_DeltaTheta_10nsUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



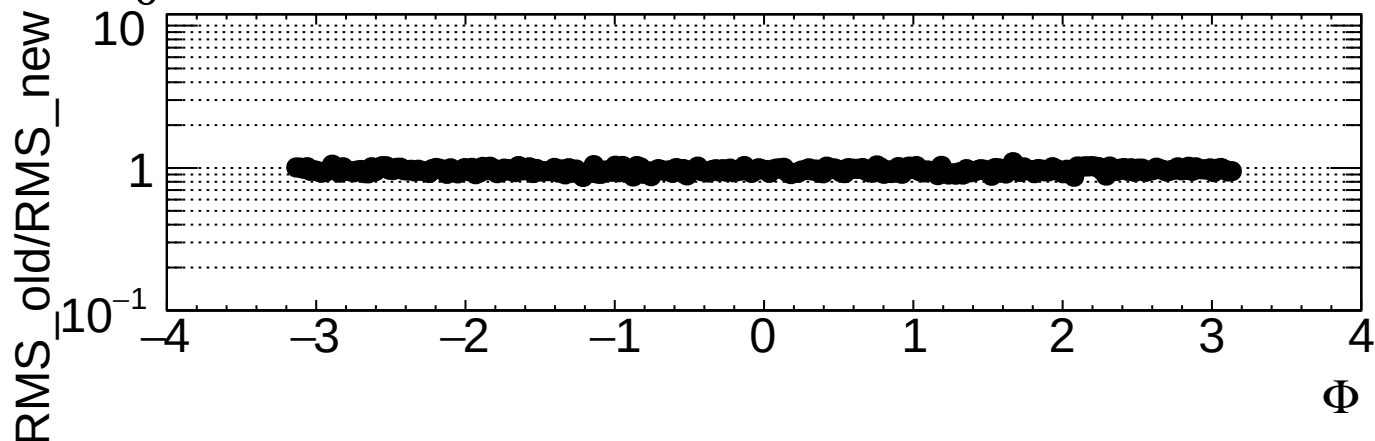
ECAL_Phi_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



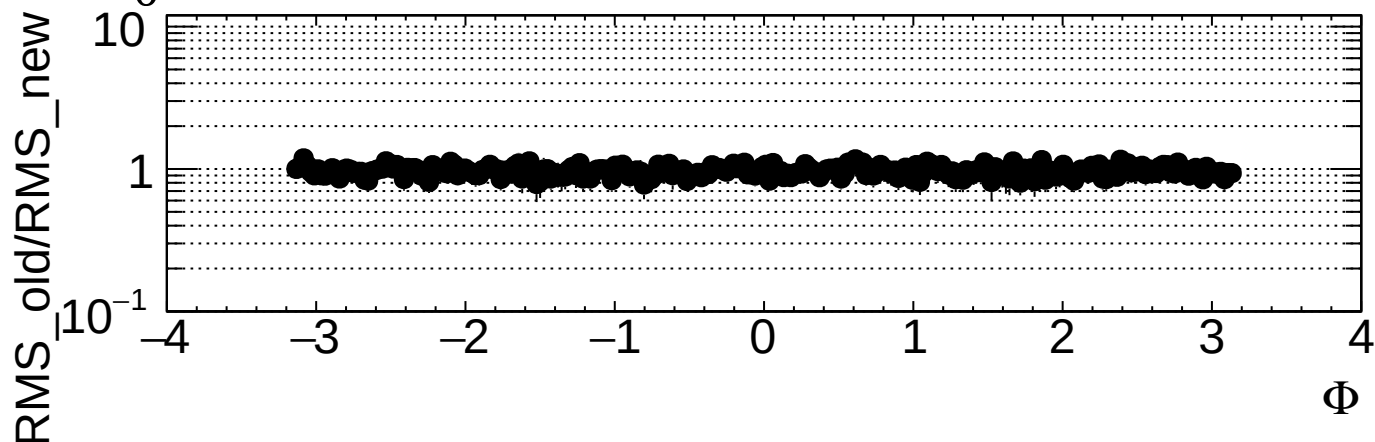
ECAL_Phi_10nsUnderPeakEThr90

PADMEInternal

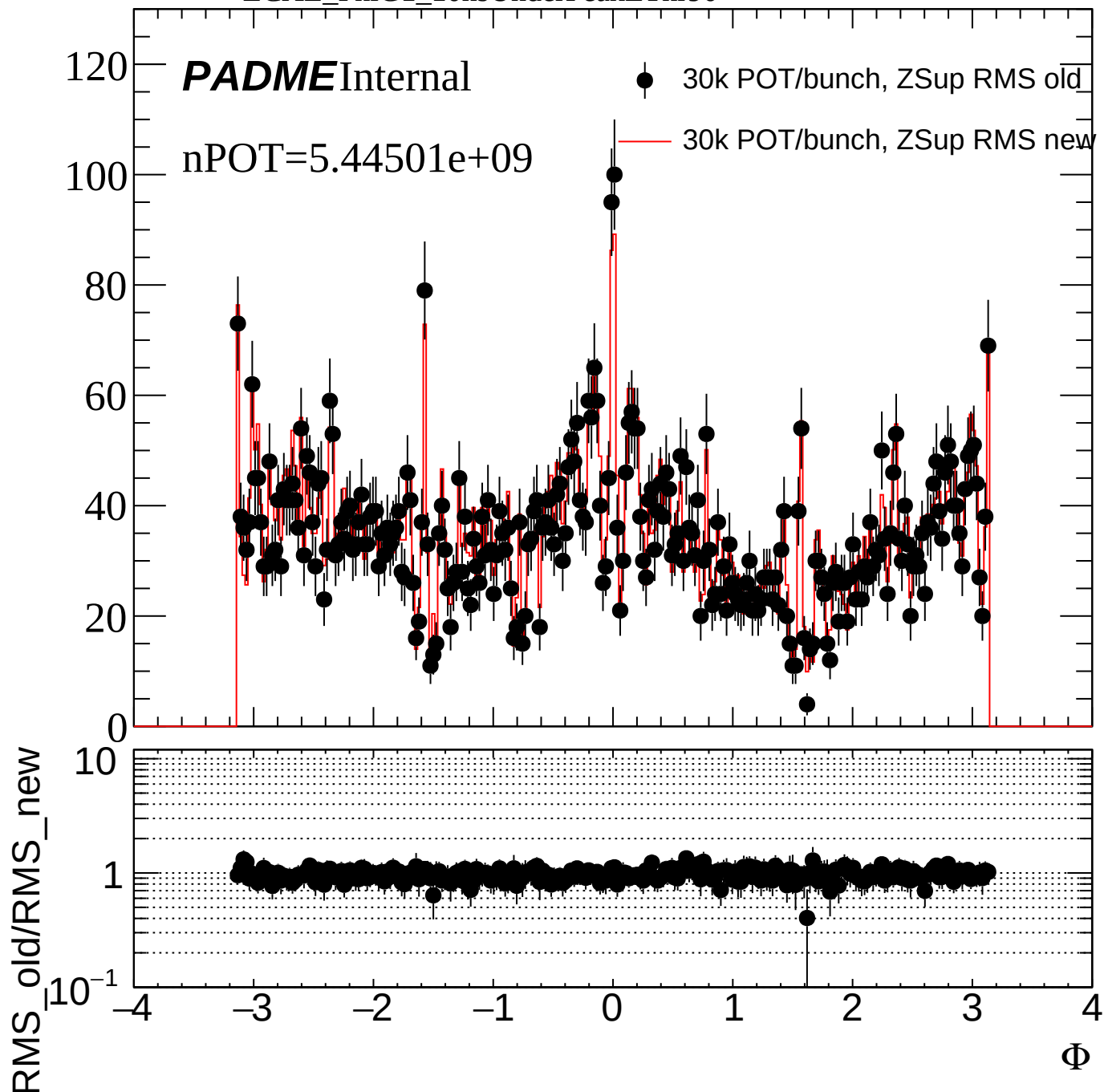
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



ECAL_PhiG1_10nsUnderPeakEThr90



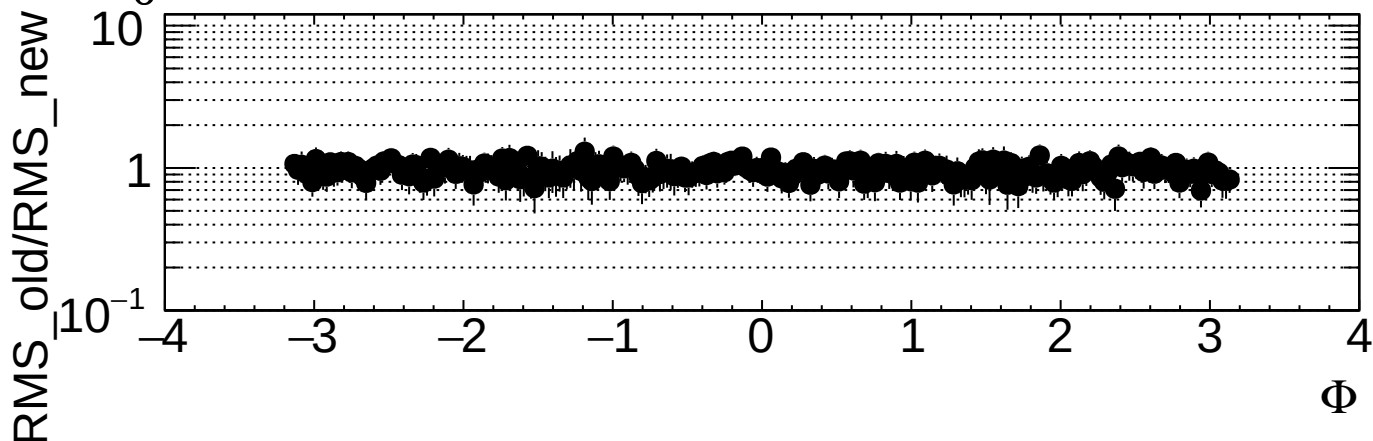
ECAL_PhiG2_10nsUnderPeakEThr90

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



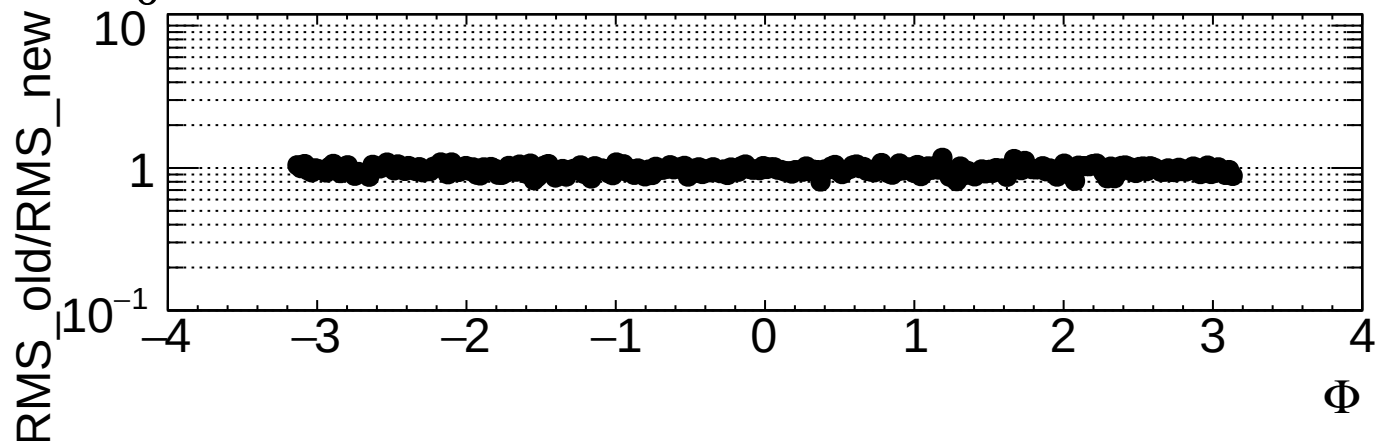
ECAL_Phi_10nsDeltaTheta

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



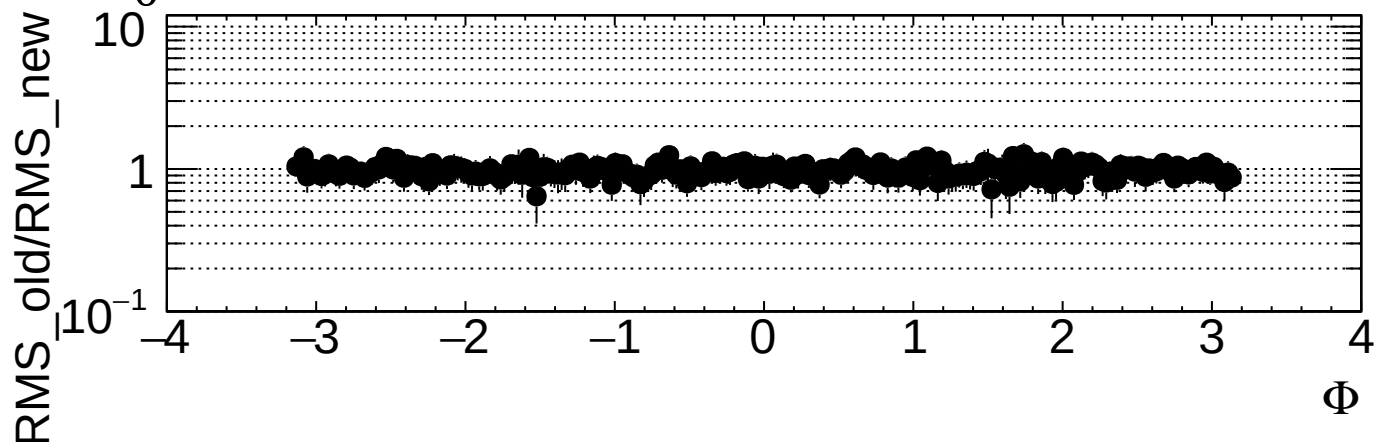
ECAL_Phi_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

nPOT=5.44501e+09



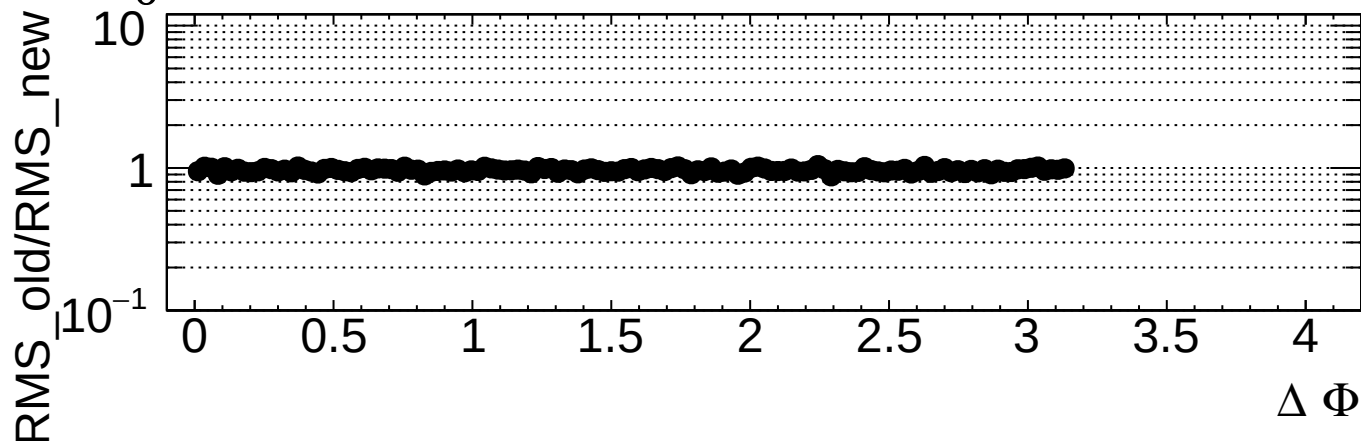
ECAL_DeltaPhi_10ns

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



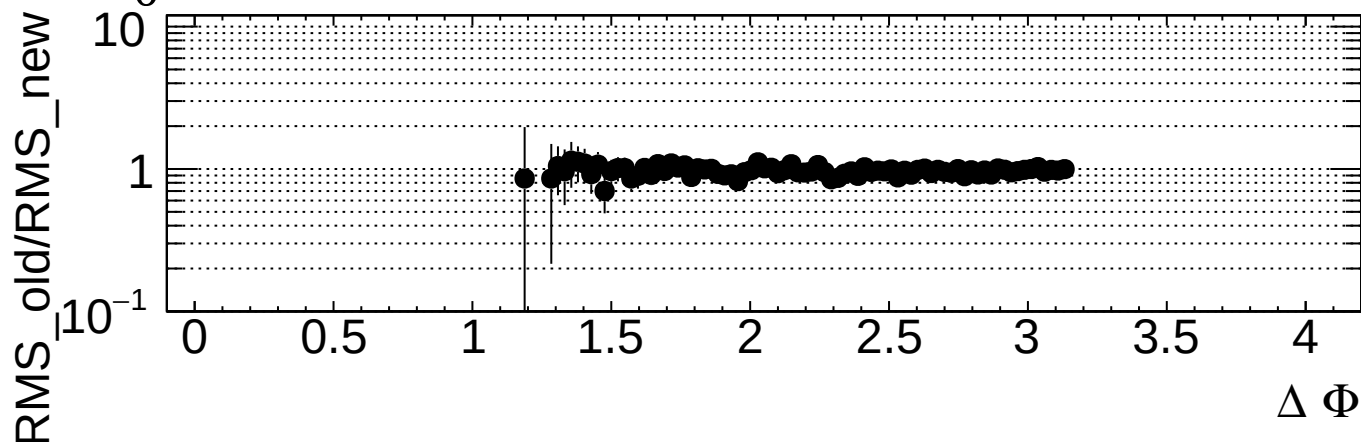
ECAL_DeltaPhi_10nsDeltaTheta

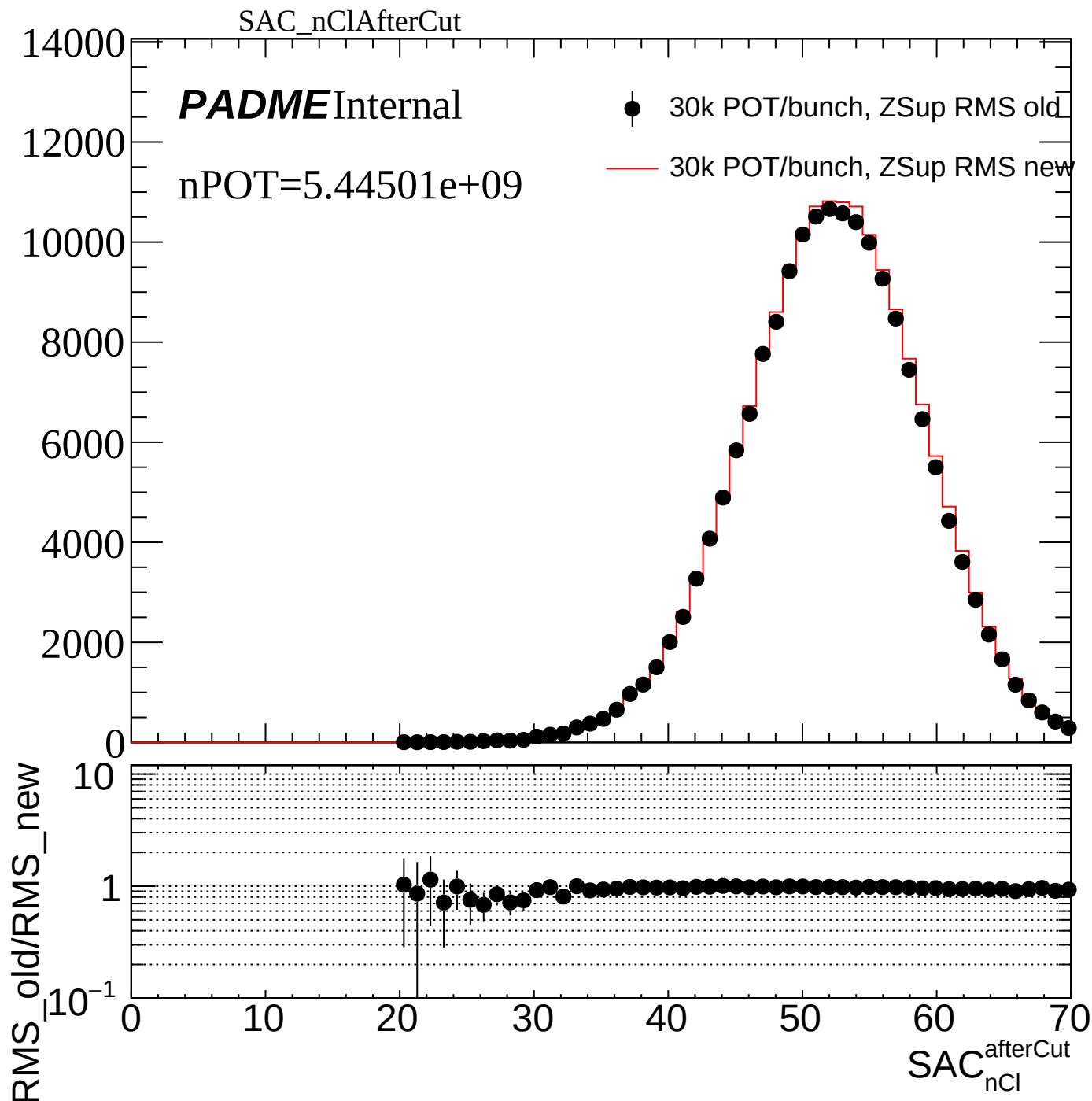
PADMEInternal

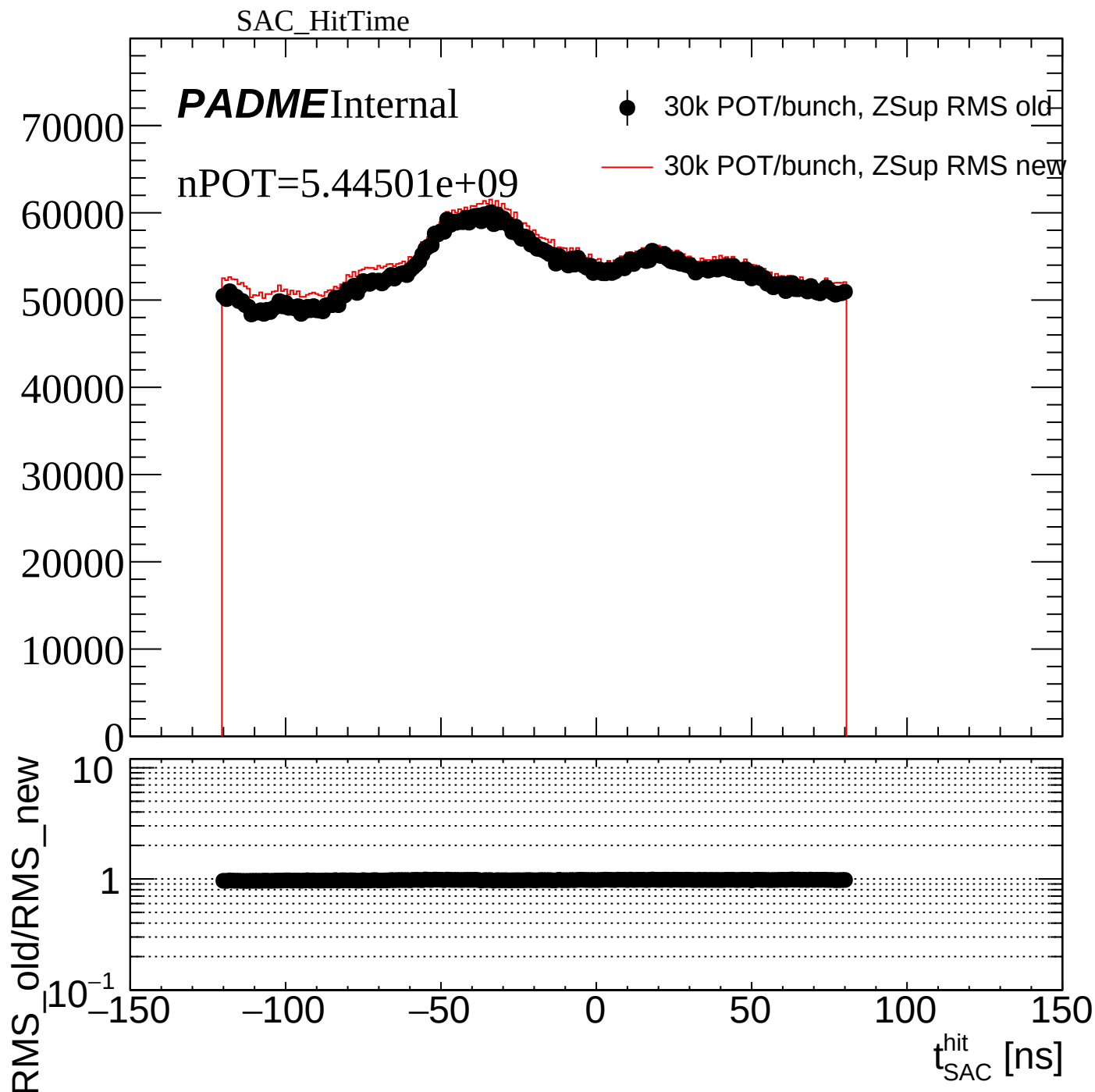
nPOT=5.44501e+09

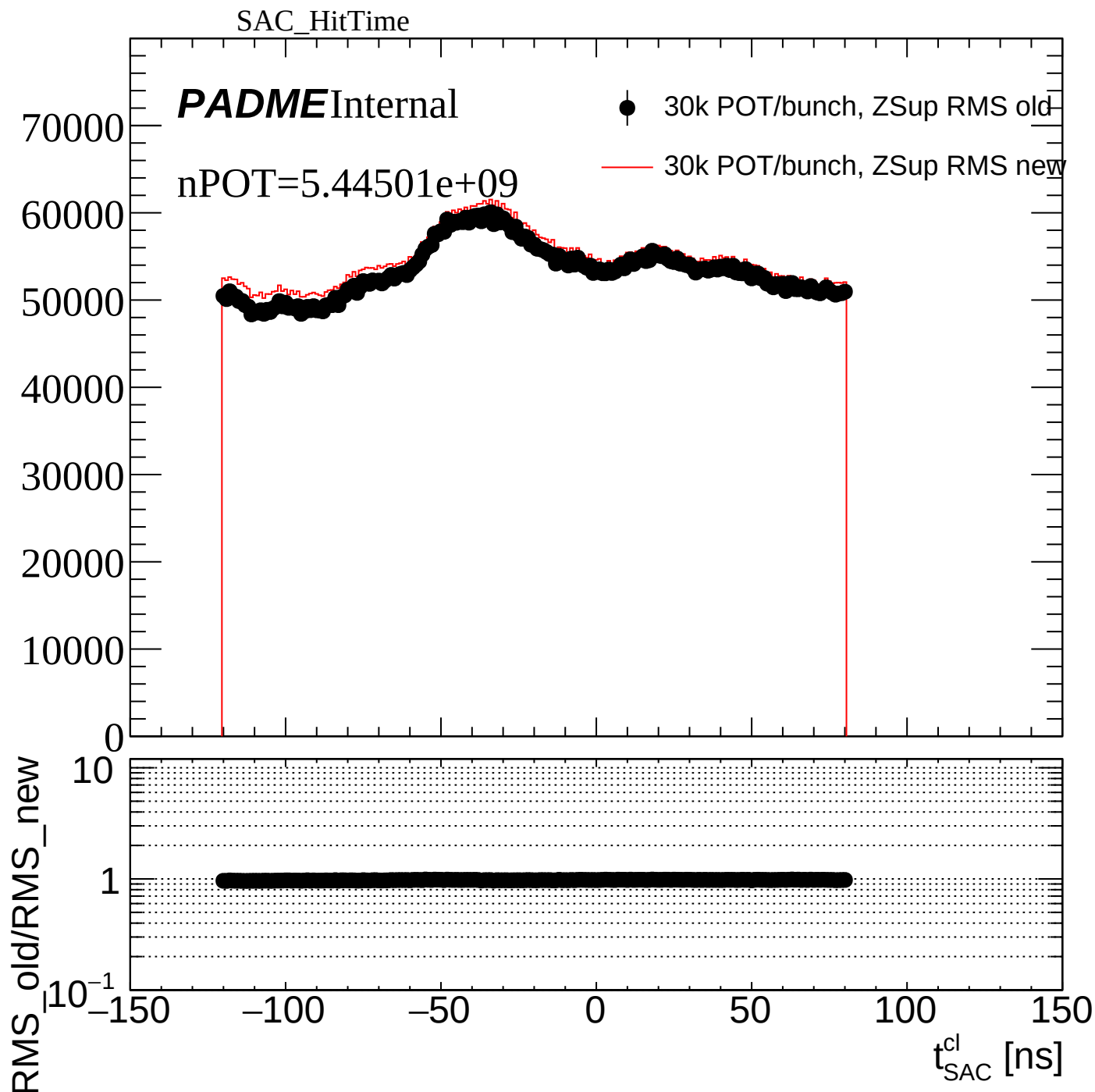
● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new









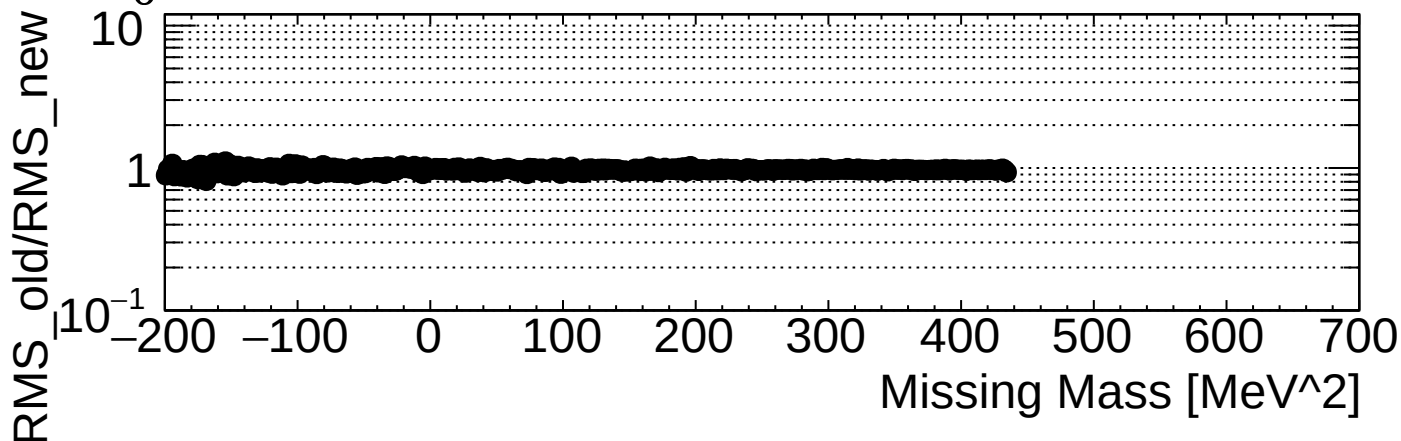
MissingMass_AllECALclu

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



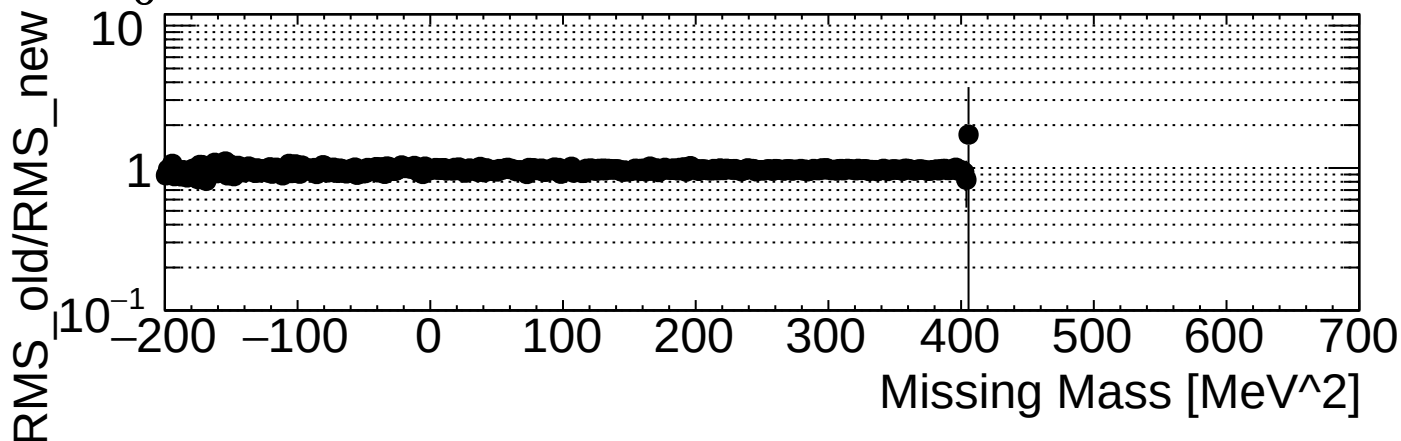
MissingMass_AllECALclu_ThrEne50MeV

PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



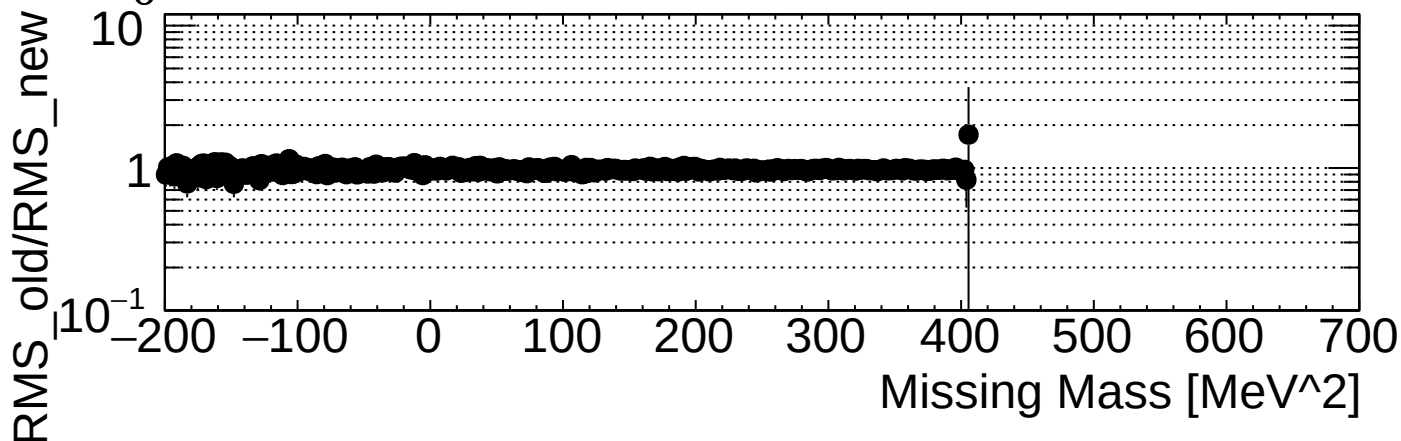
MissingMass_NoClInTime20ns_ThrEne50MeV

PADMEInternal

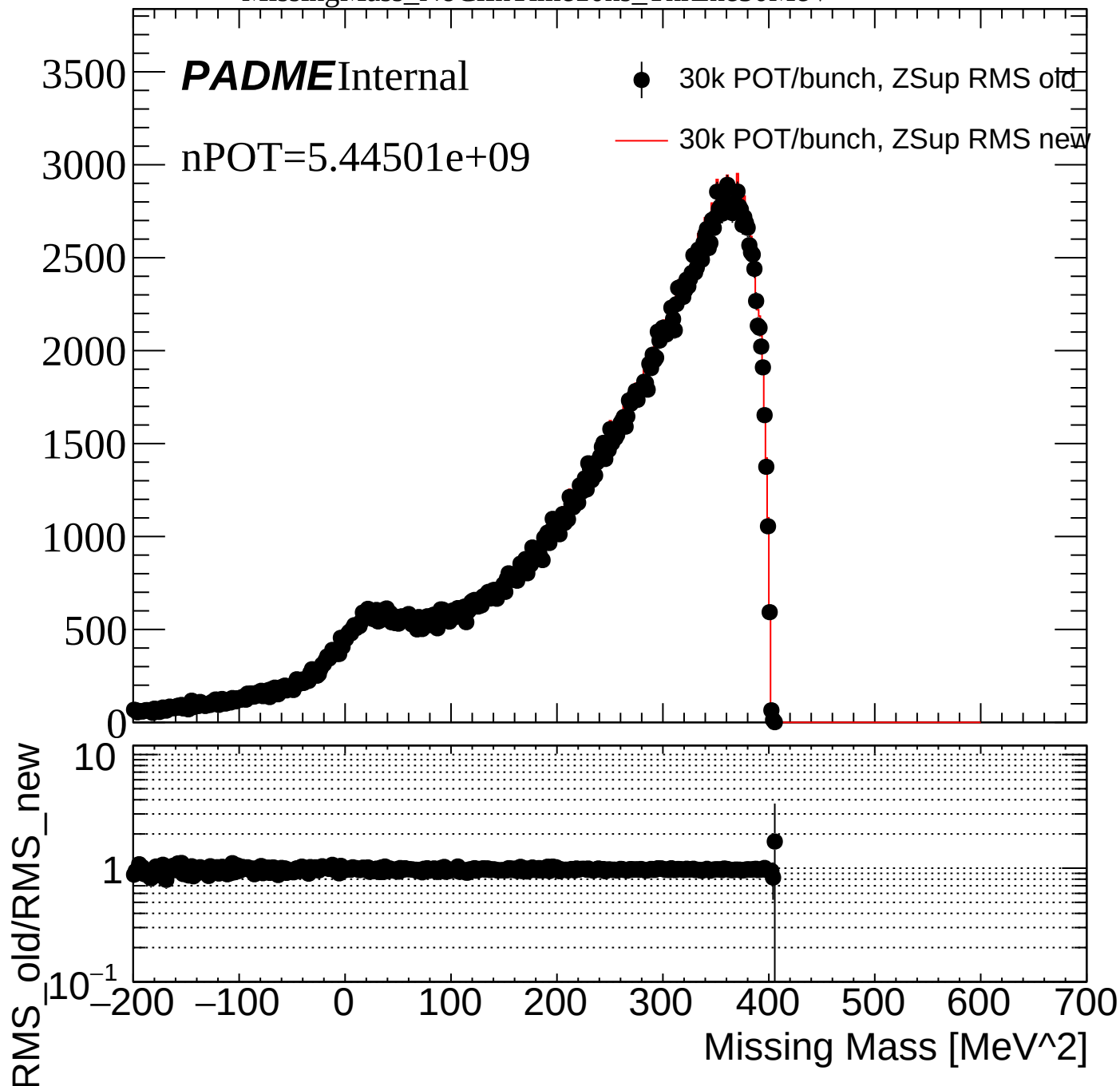
nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new



MissingMass_NoClInTime10ns_ThrEne50MeV



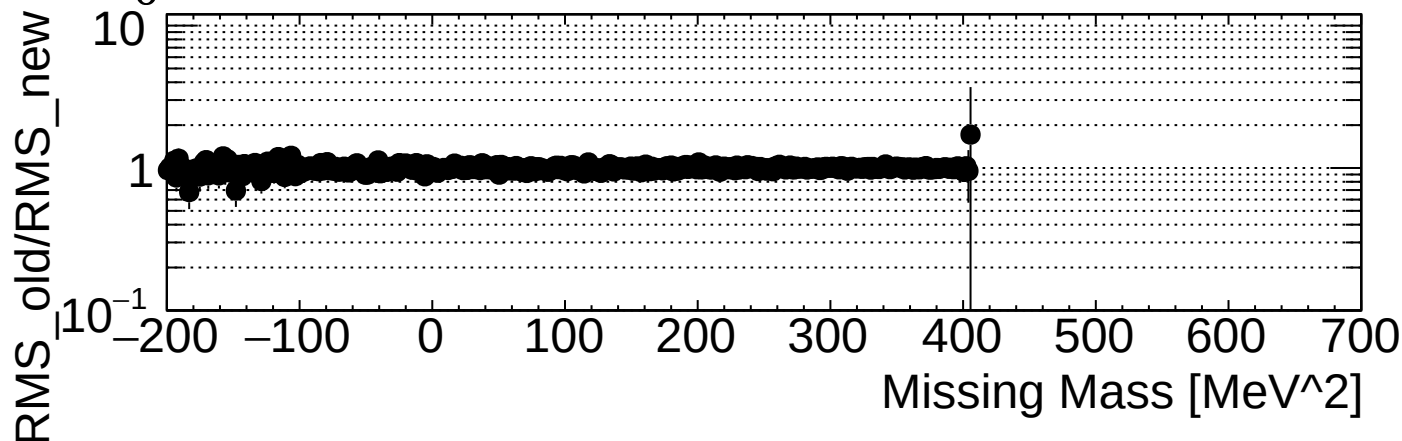
MissingMass_NoClInTime20ns_ThrEne50MeV_NoCoincidencePVeto

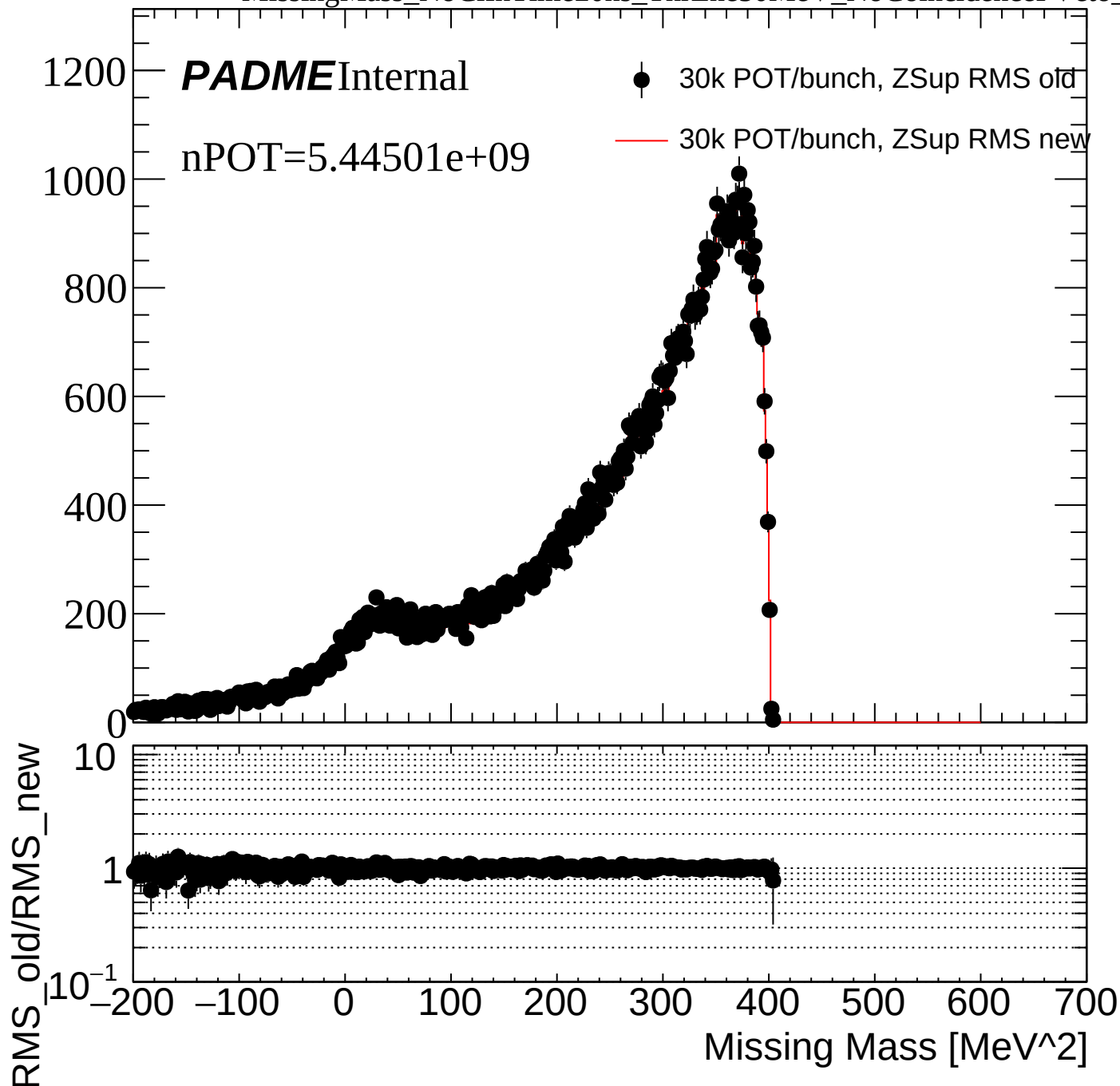
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





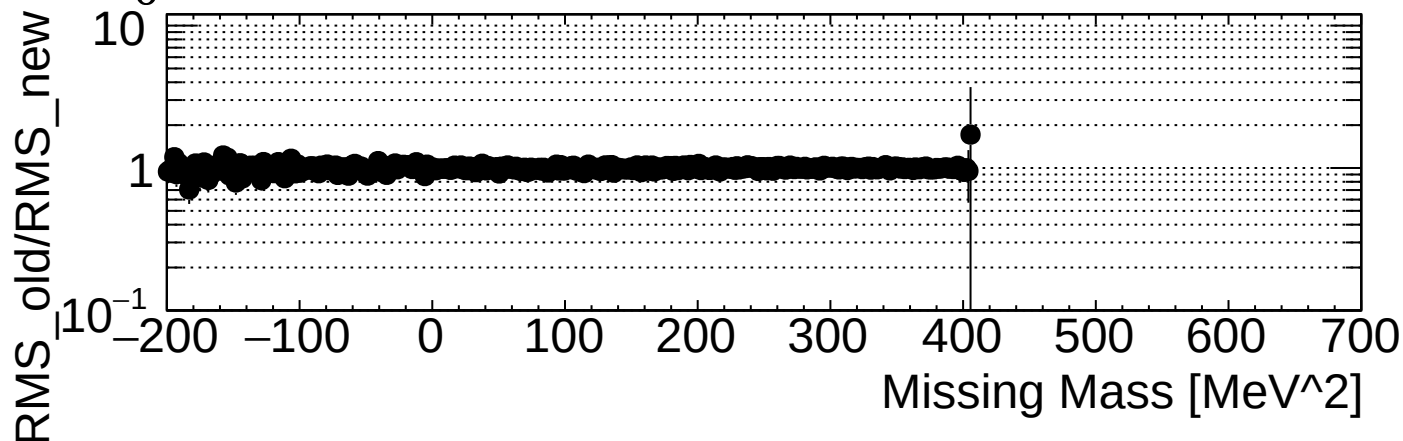
MissingMass_NoClInTime10ns_ThrEne50MeV_NoCoincidencePVeto

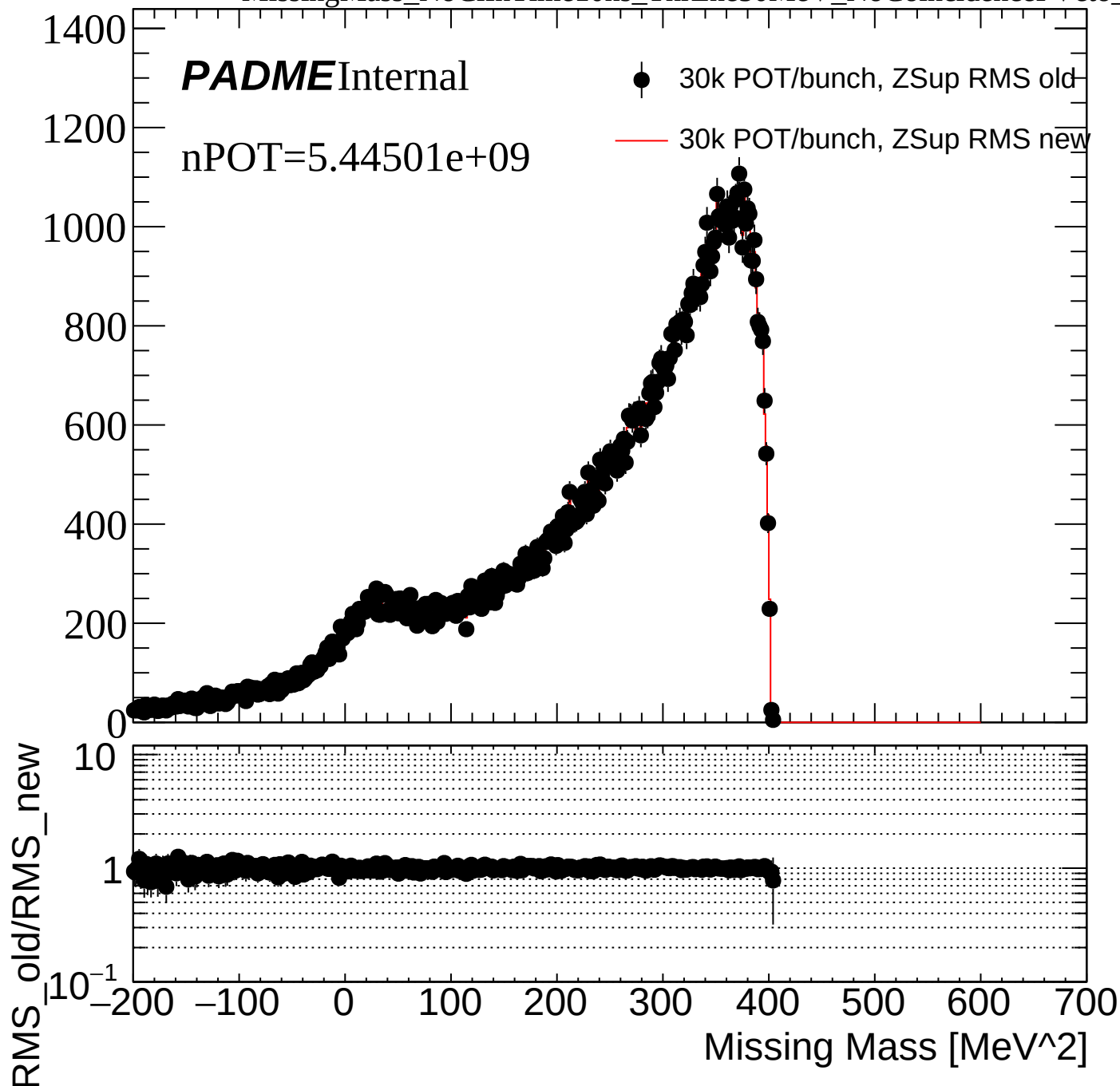
PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new





PADMEInternal

nPOT=5.44501e+09

● 30k POT/bunch, ZSup RMS old

— 30k POT/bunch, ZSup RMS new

