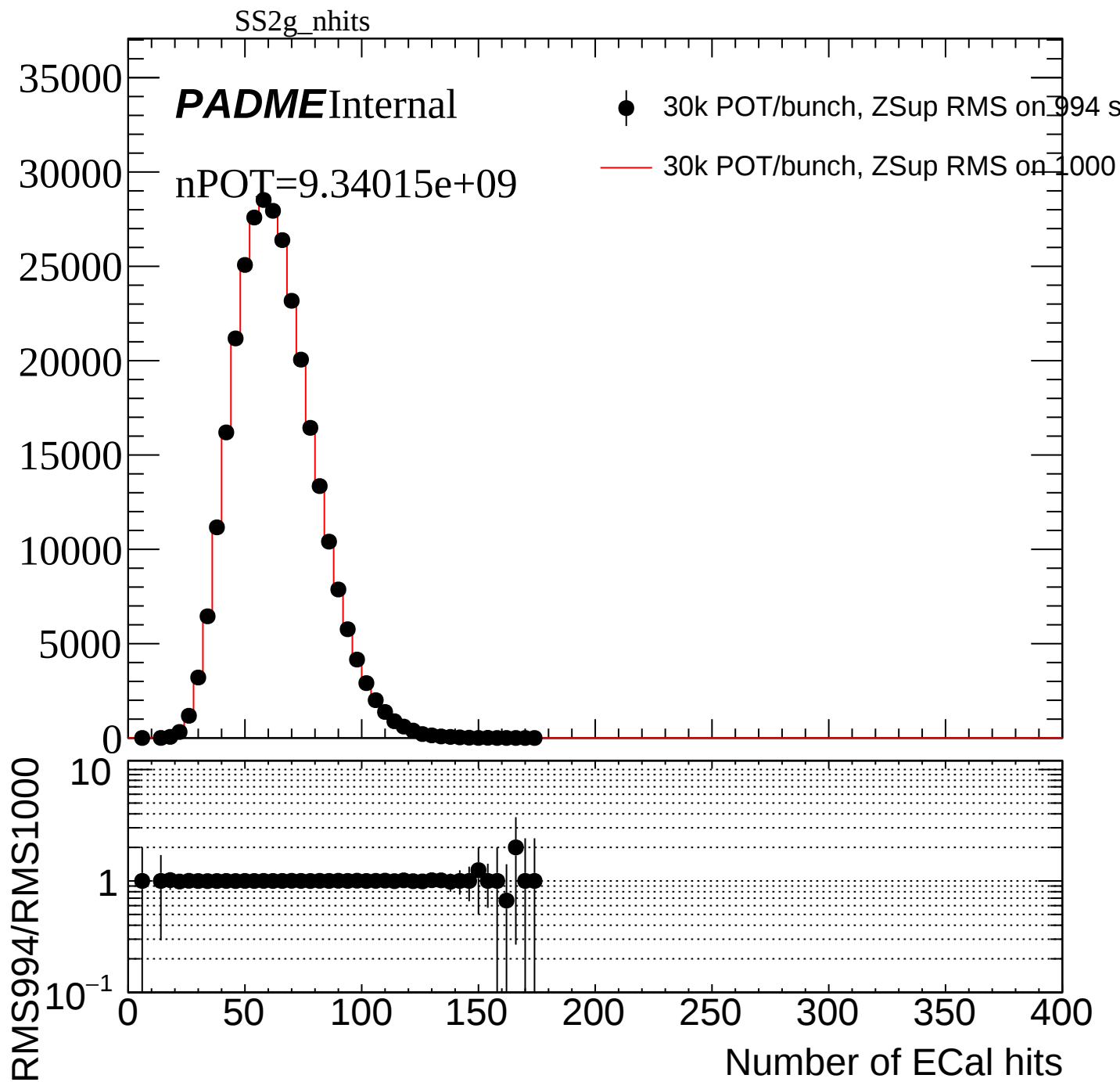
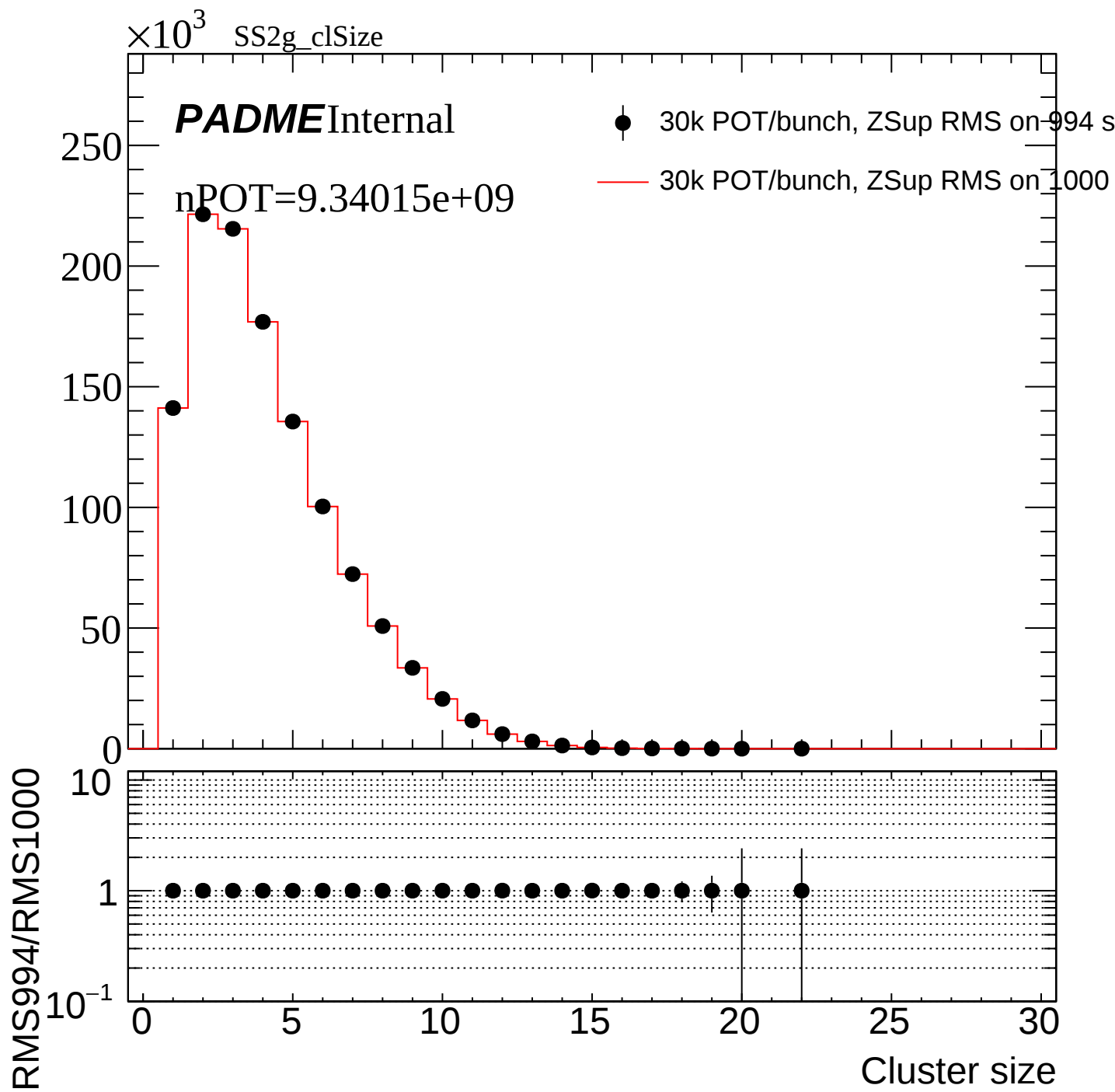
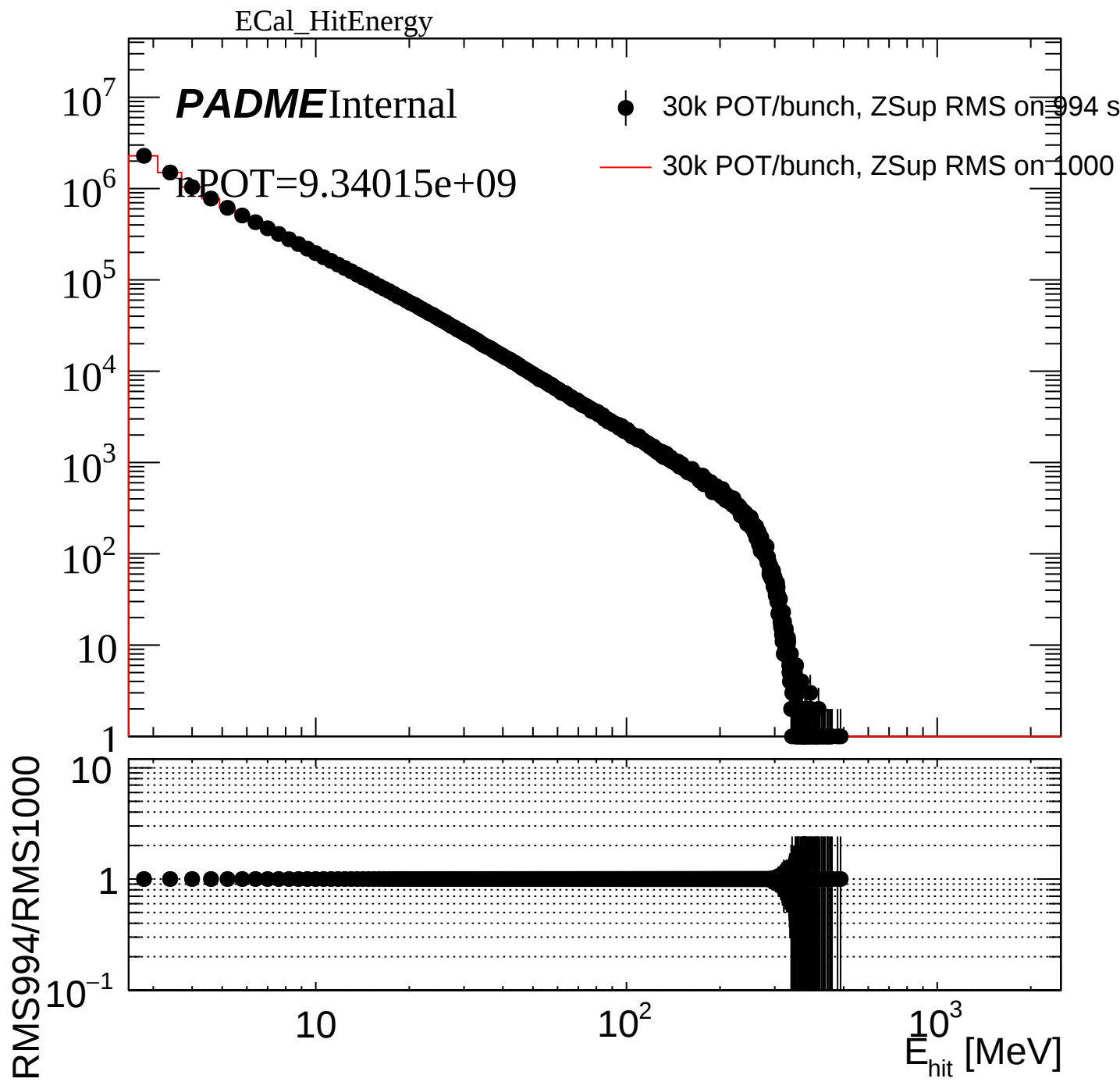
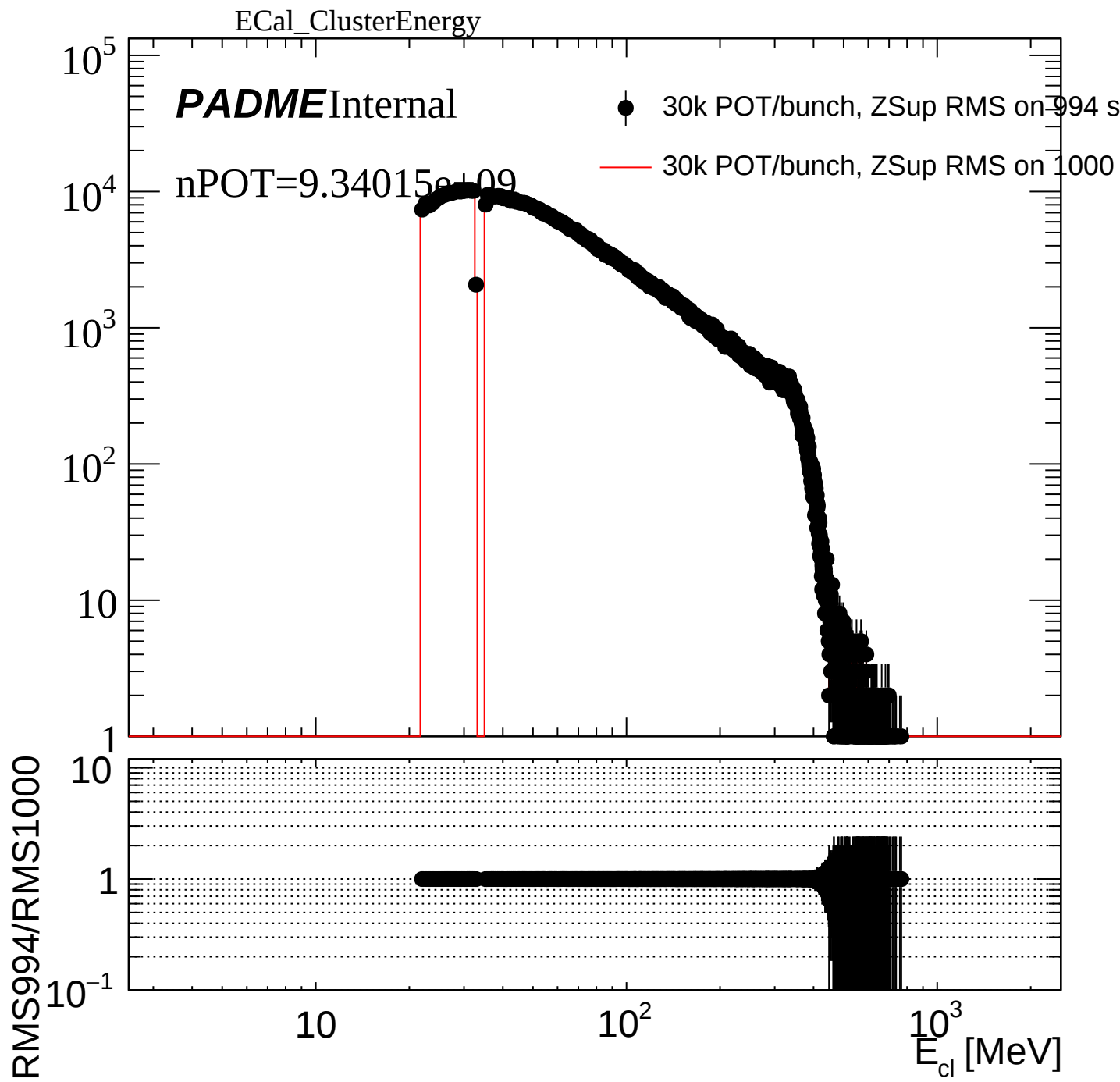
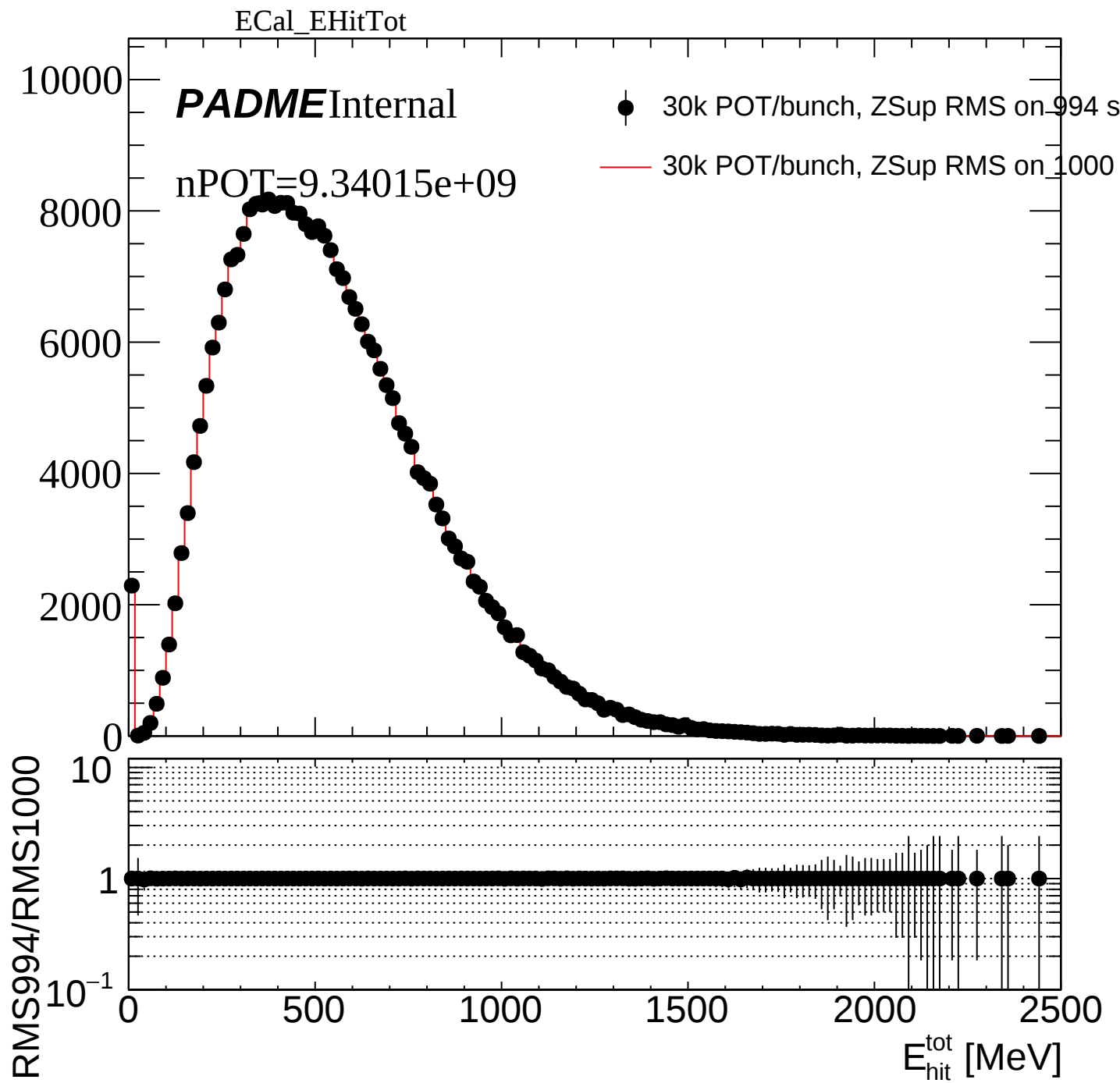


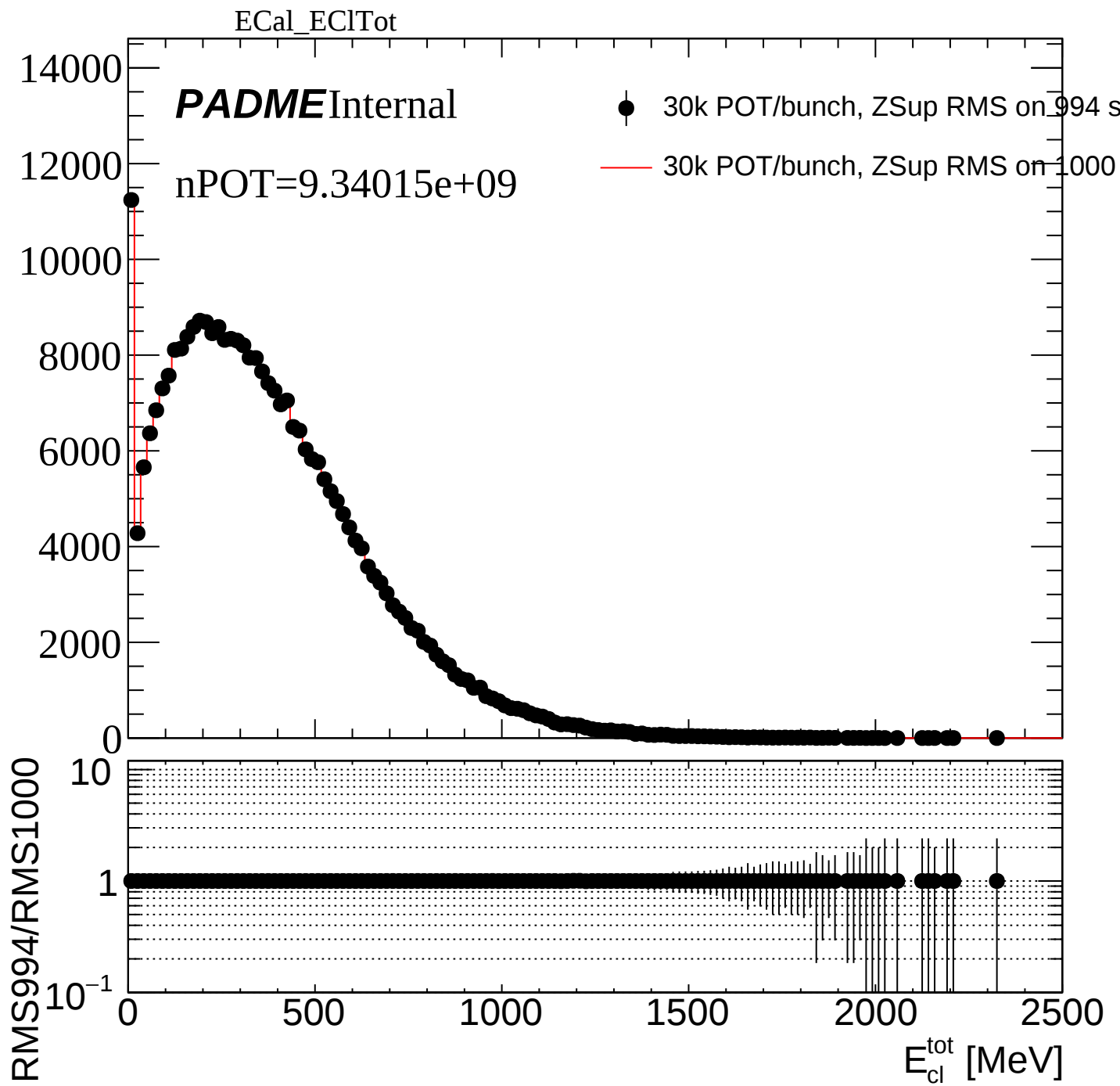


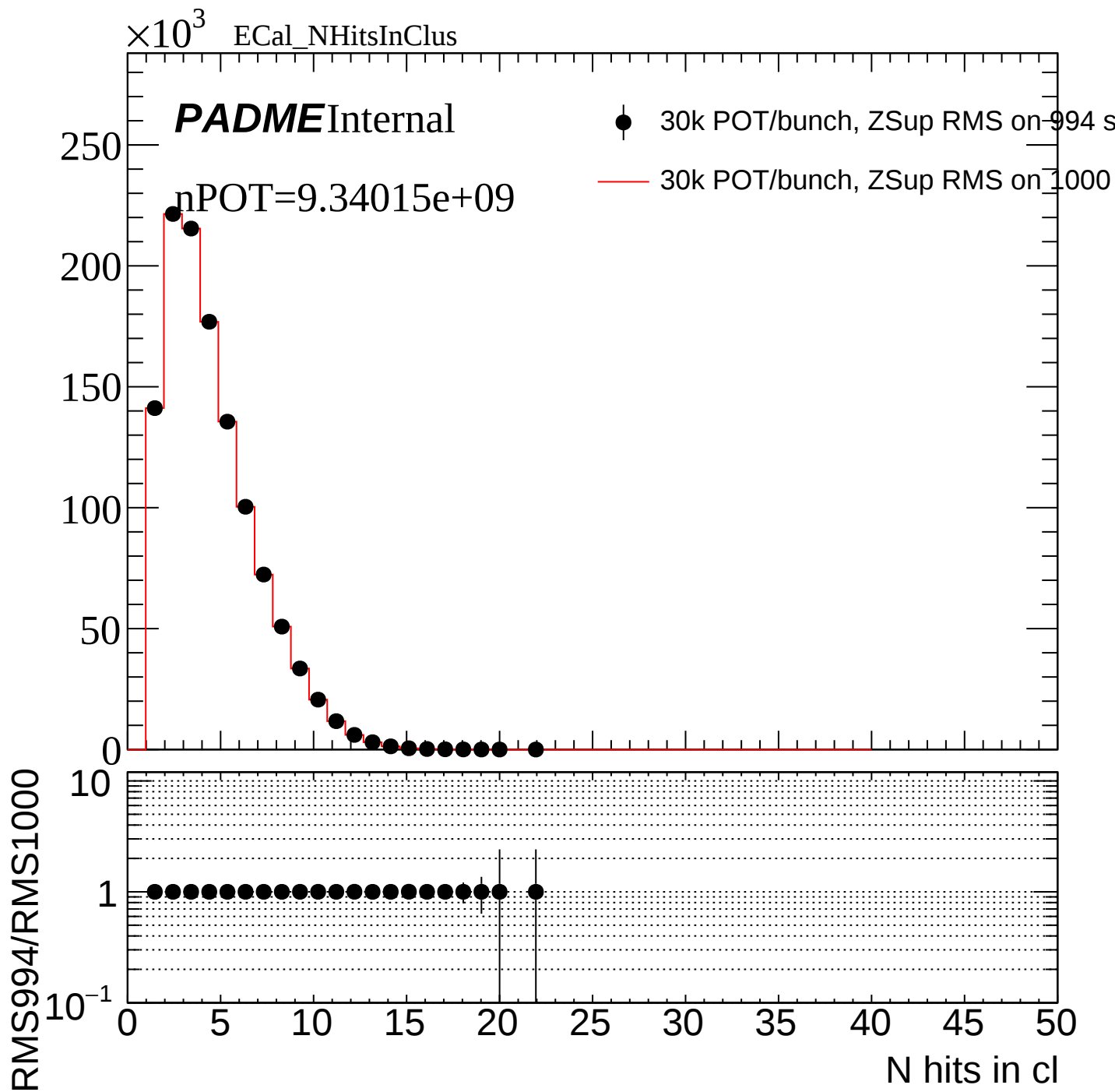


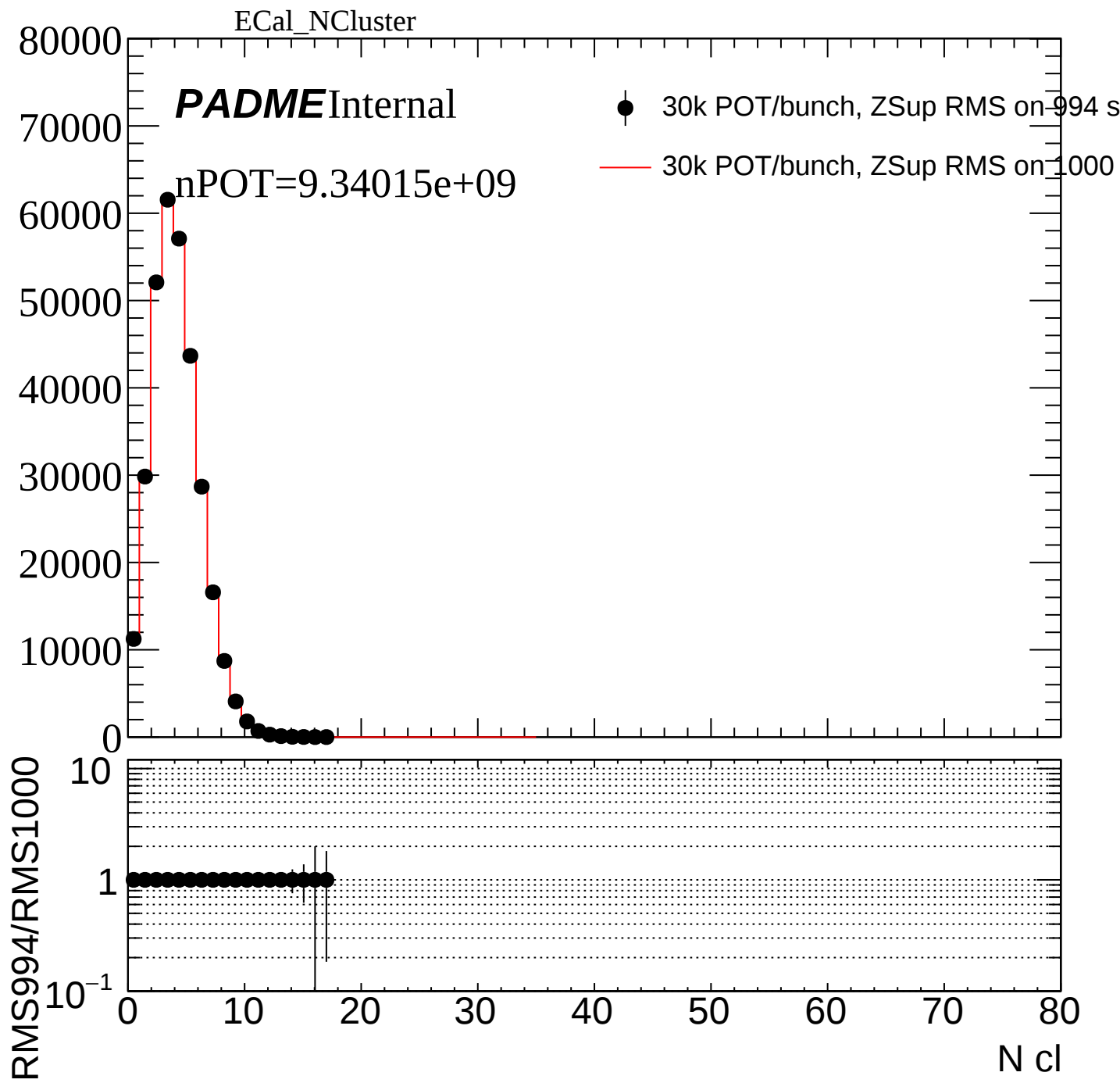


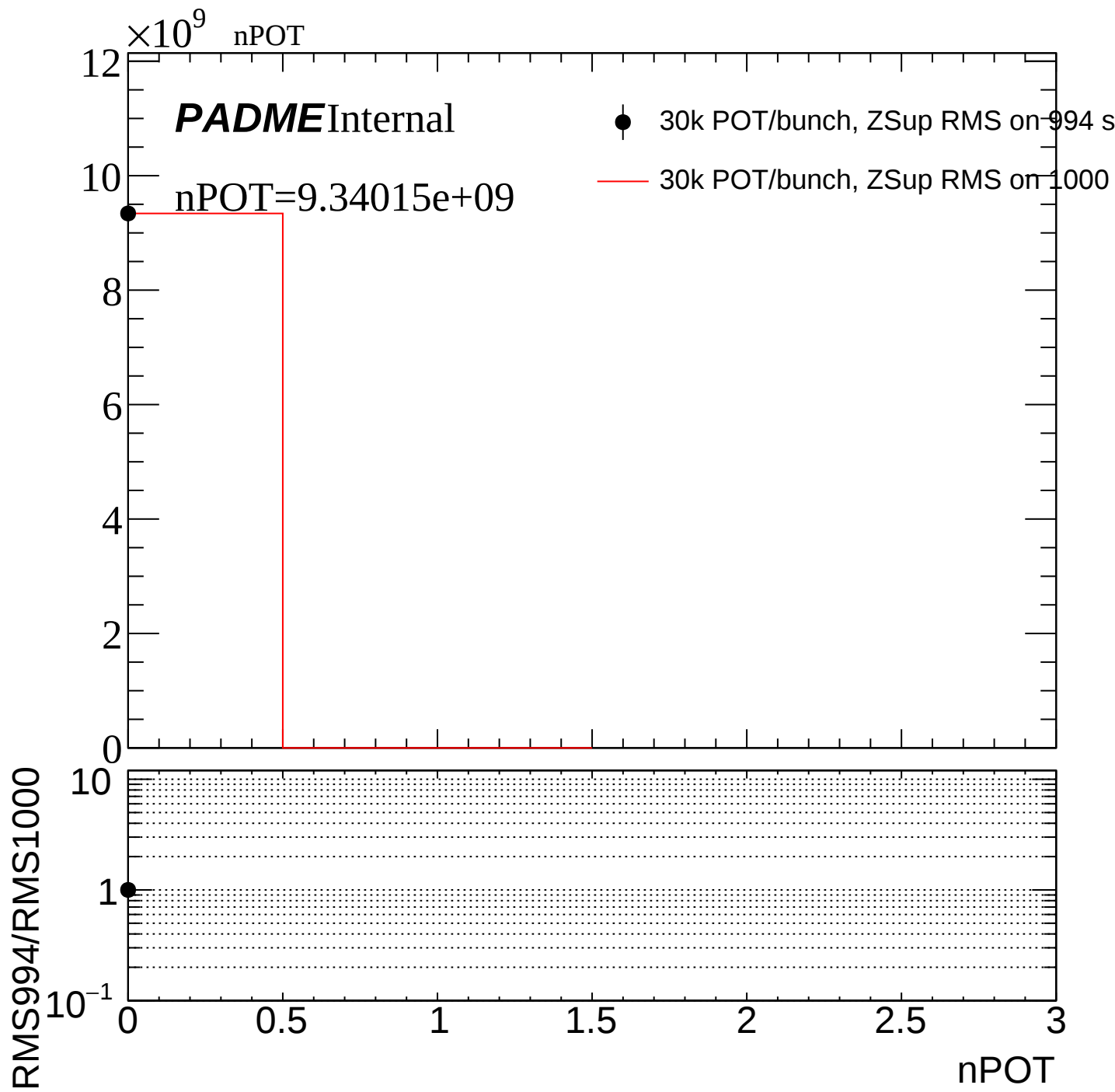


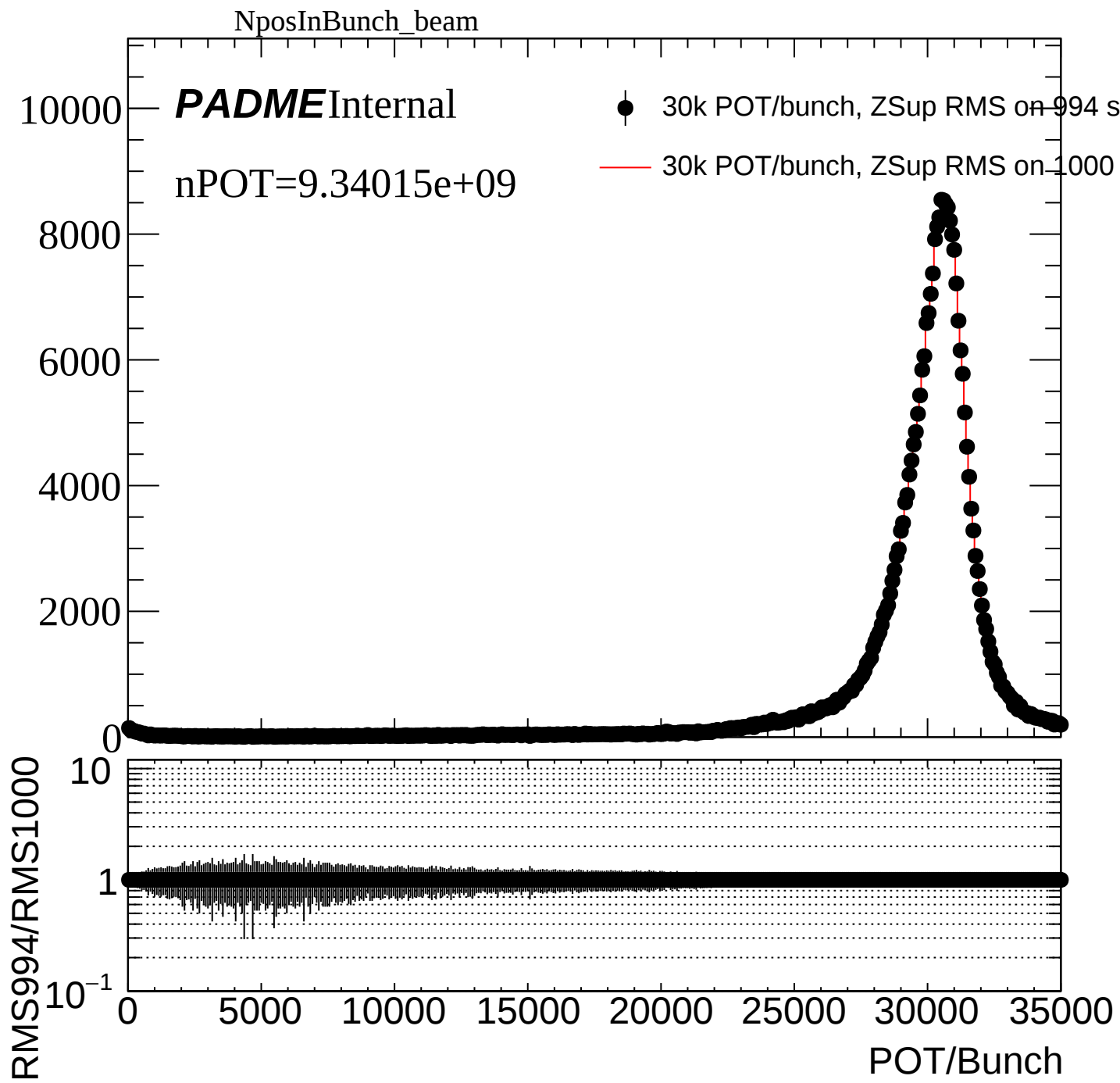












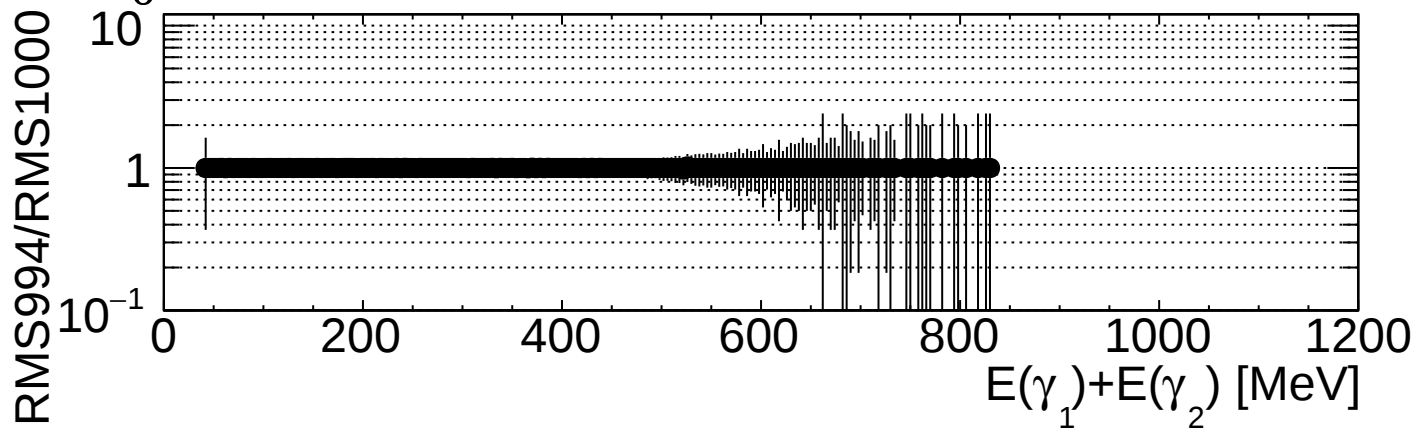
ECAL_twoPhotonInTime10ns

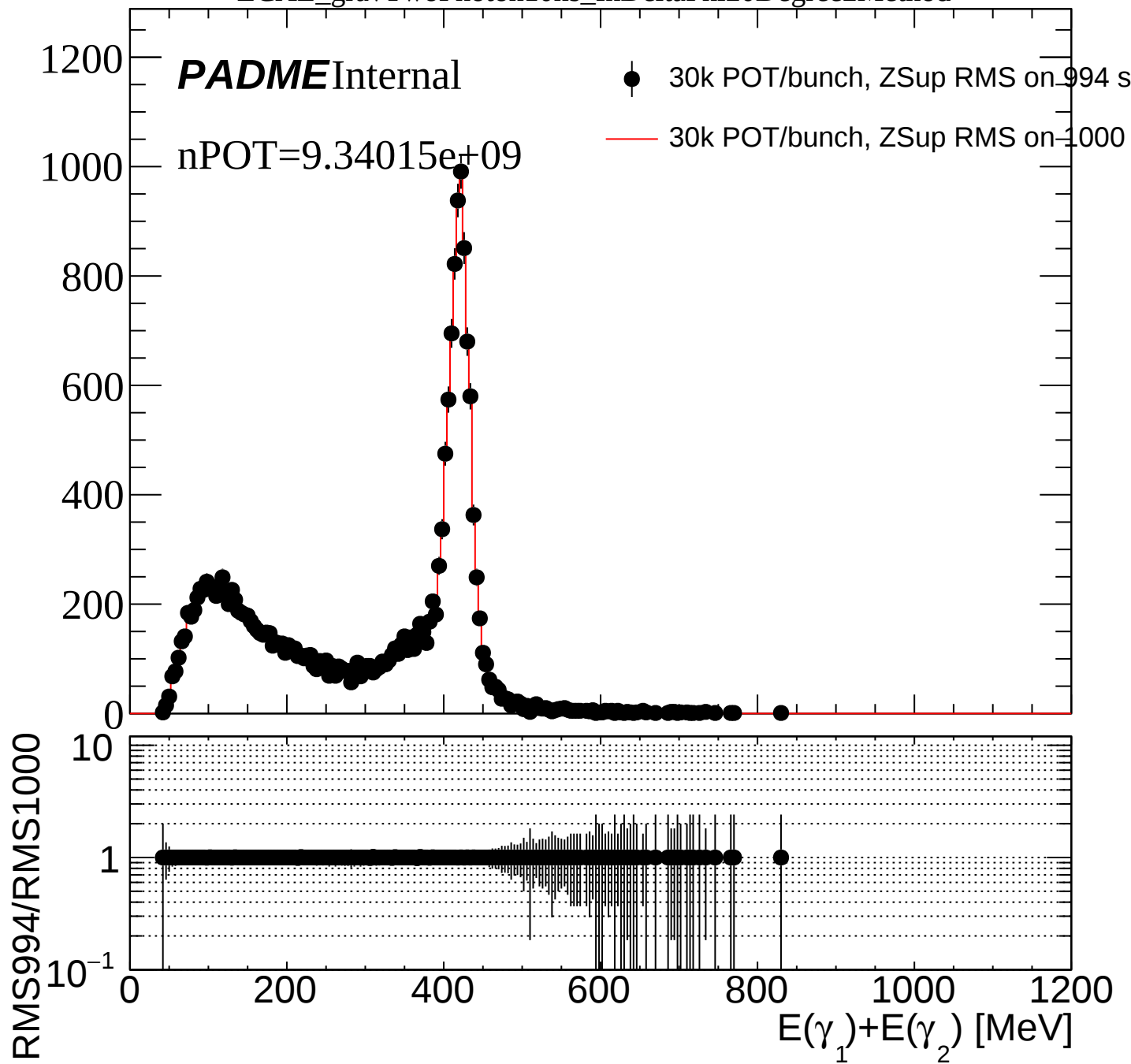
PADMEInternal

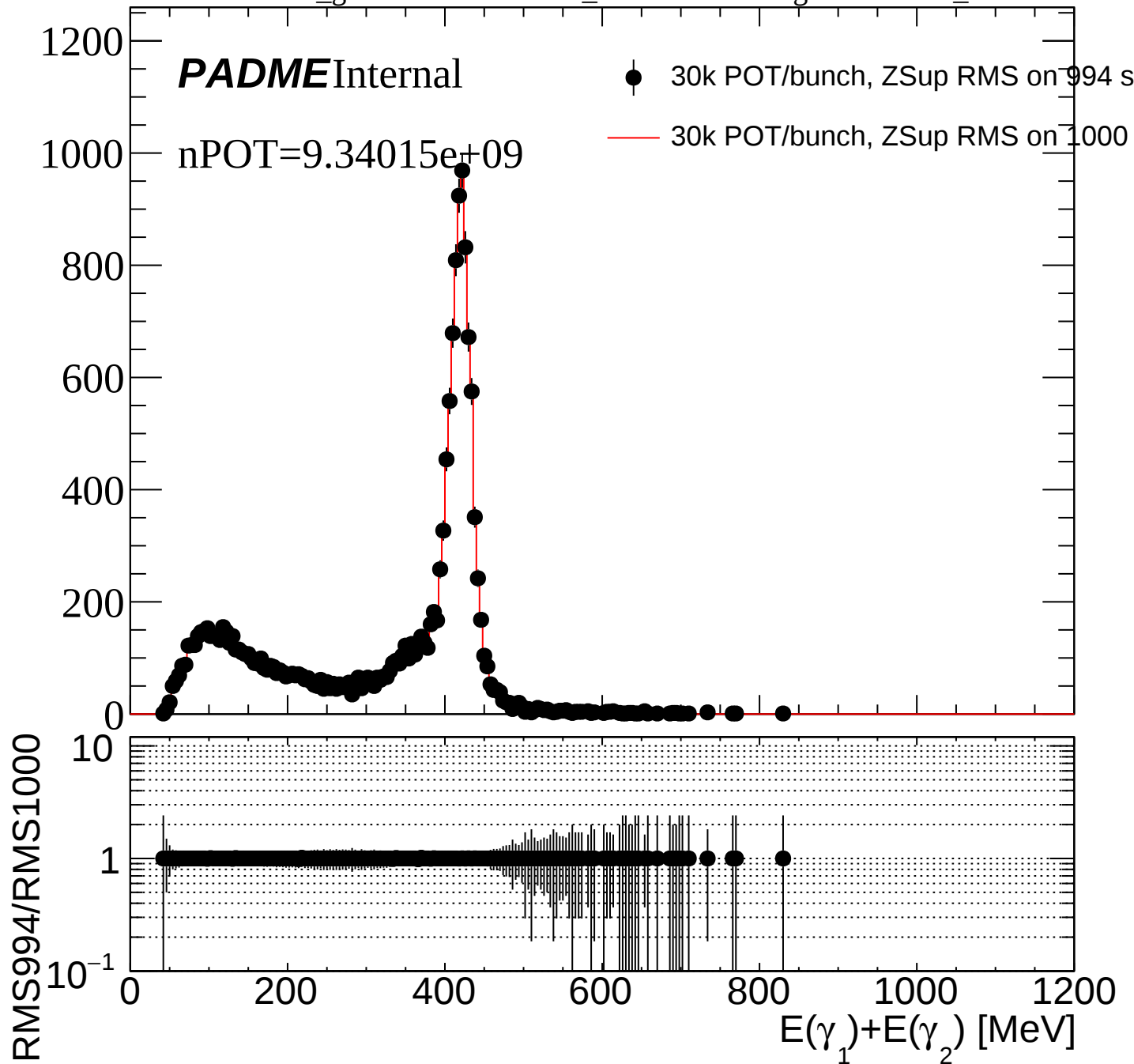
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000







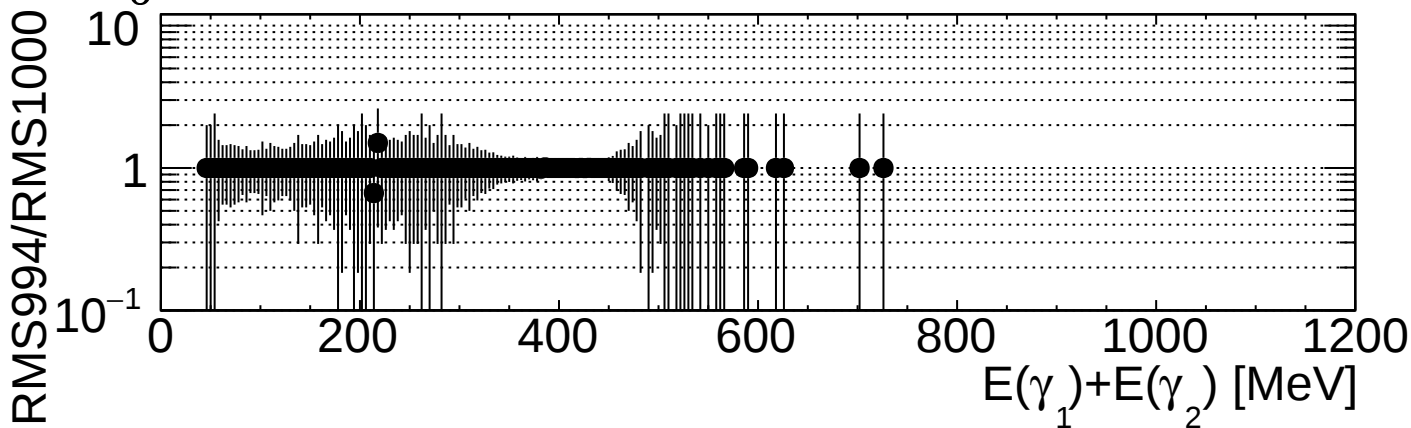
ECAL_gravTwoPhoton10ns1cm

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



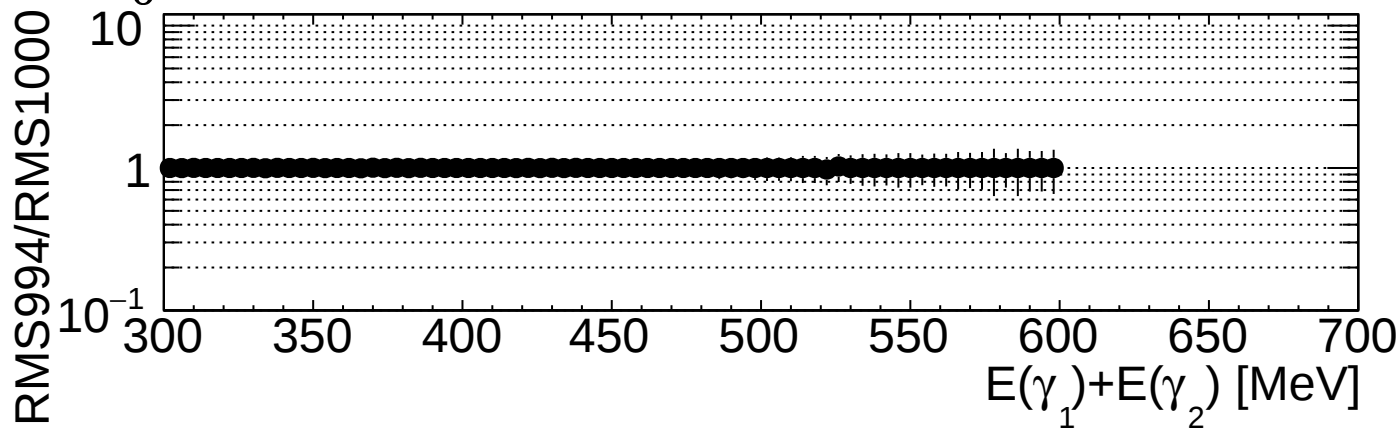
ECAL_twoPhotonInTime10nsUnderPeak

PADME Internal

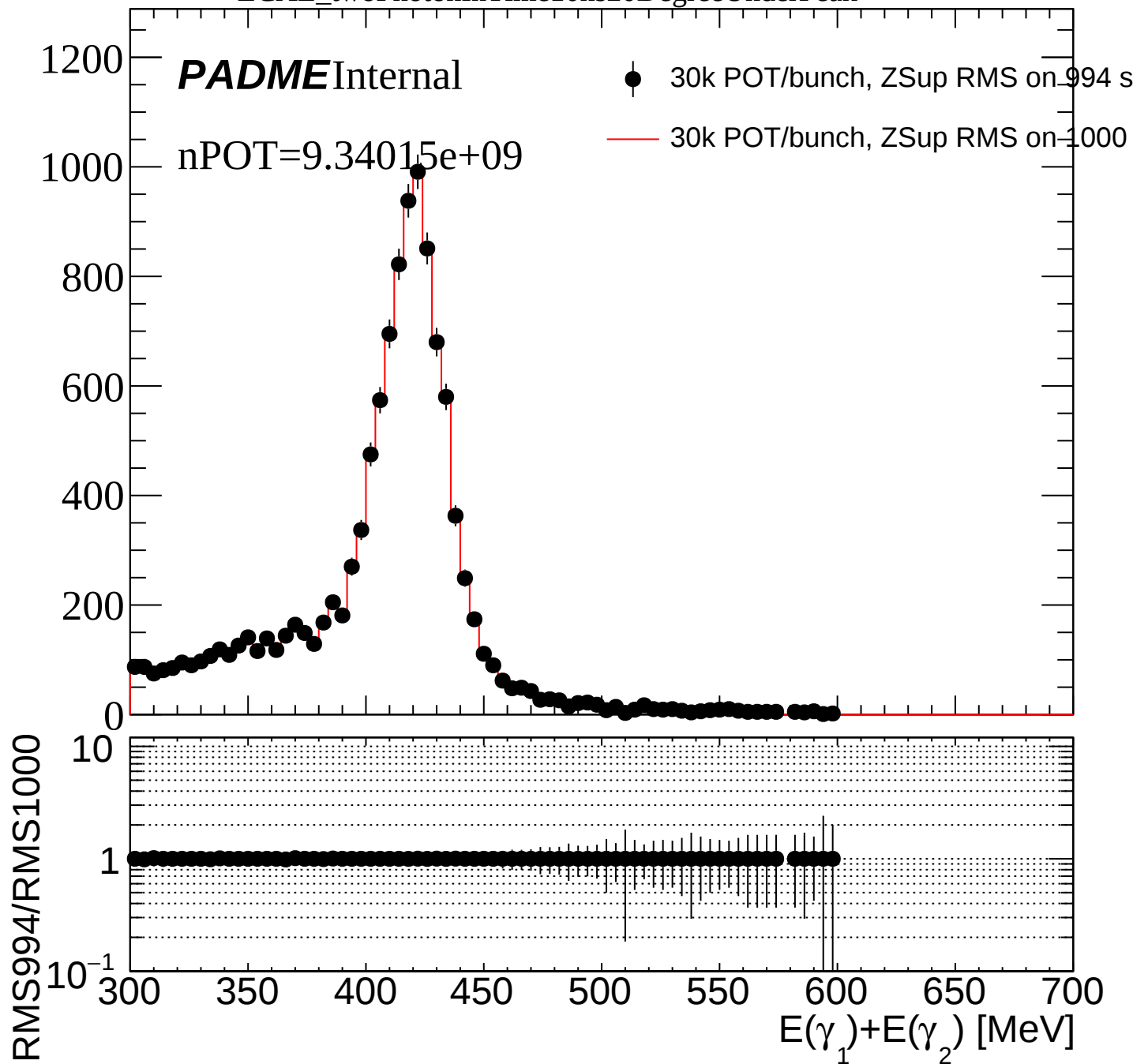
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_twoPhotonInTime10ns20DegreeUnderPeak



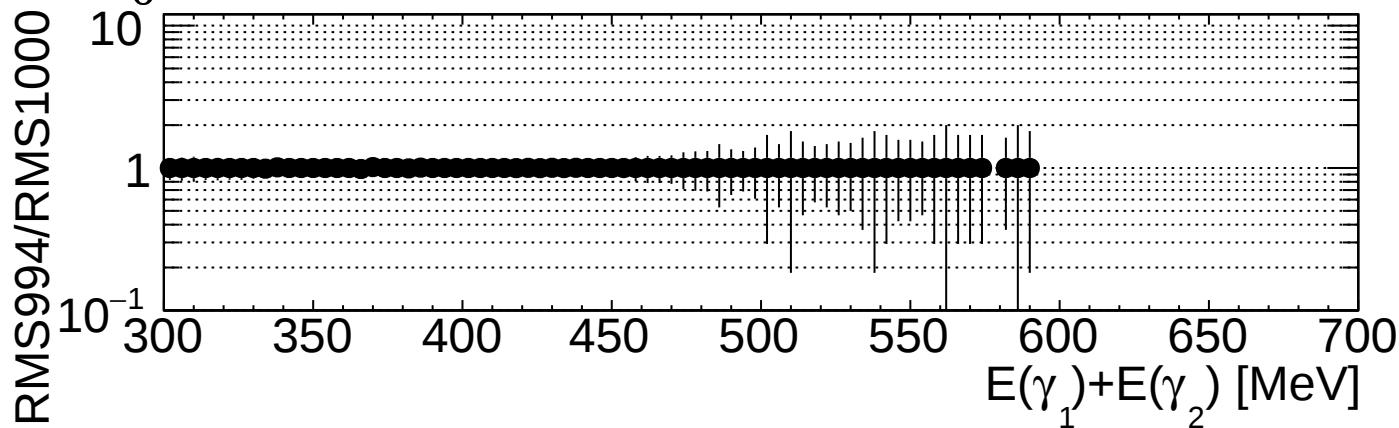
ECAL_twoPhotonInTime10ns20DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



ECAL_gravTwoPhoton10ns1cmUnderPeak

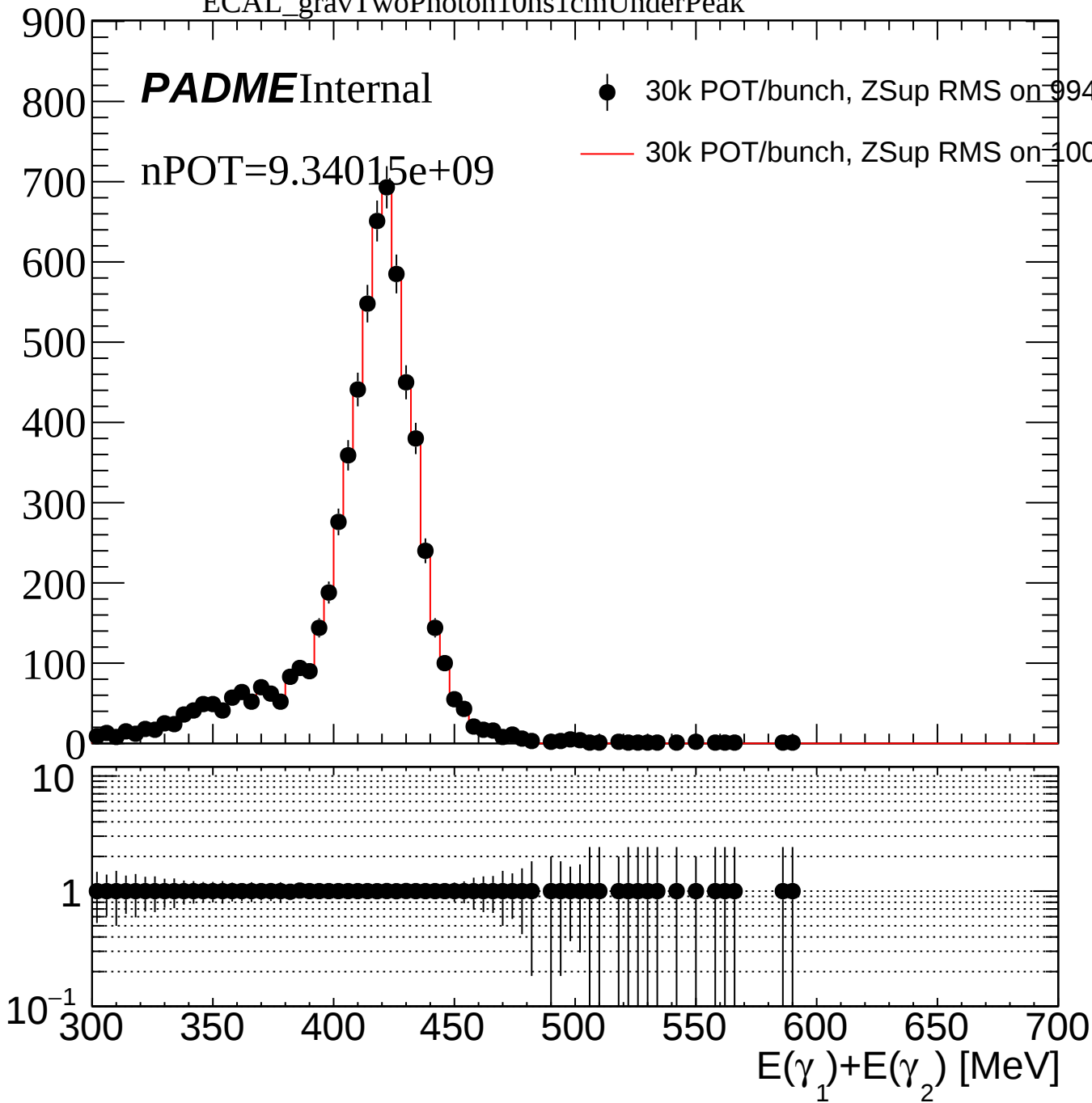
PADME Internal

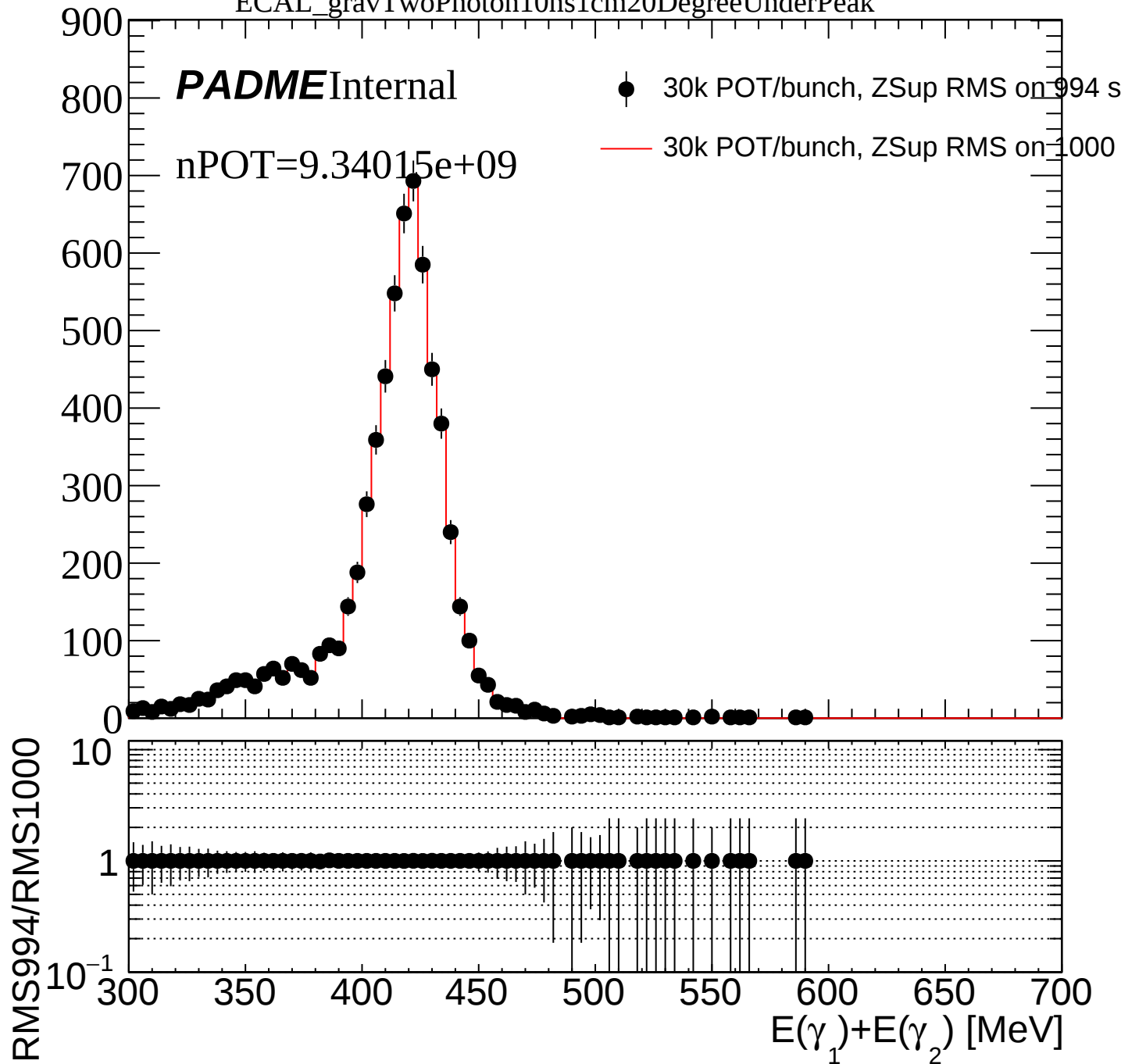
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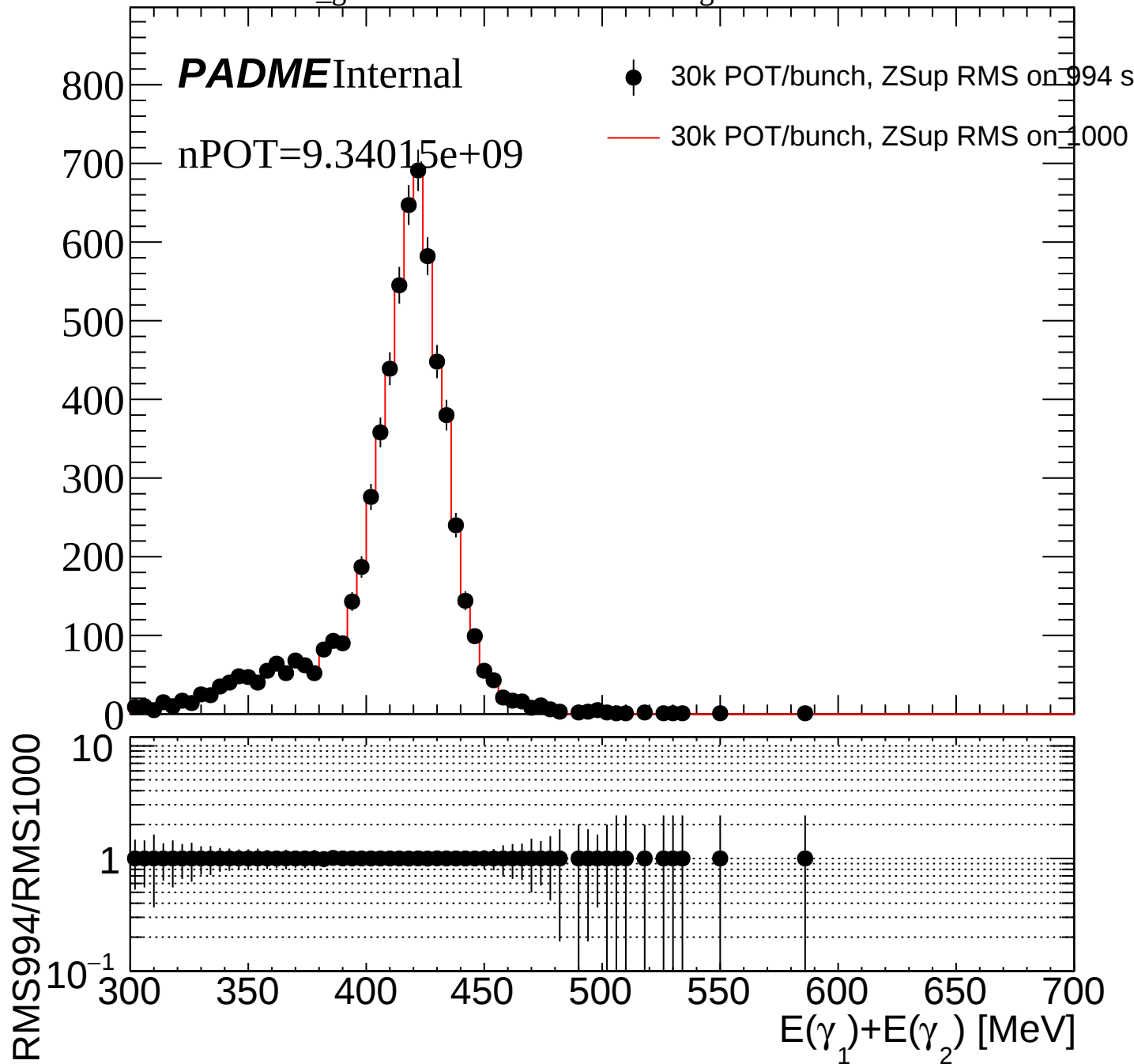
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

RMS994/RMS1000







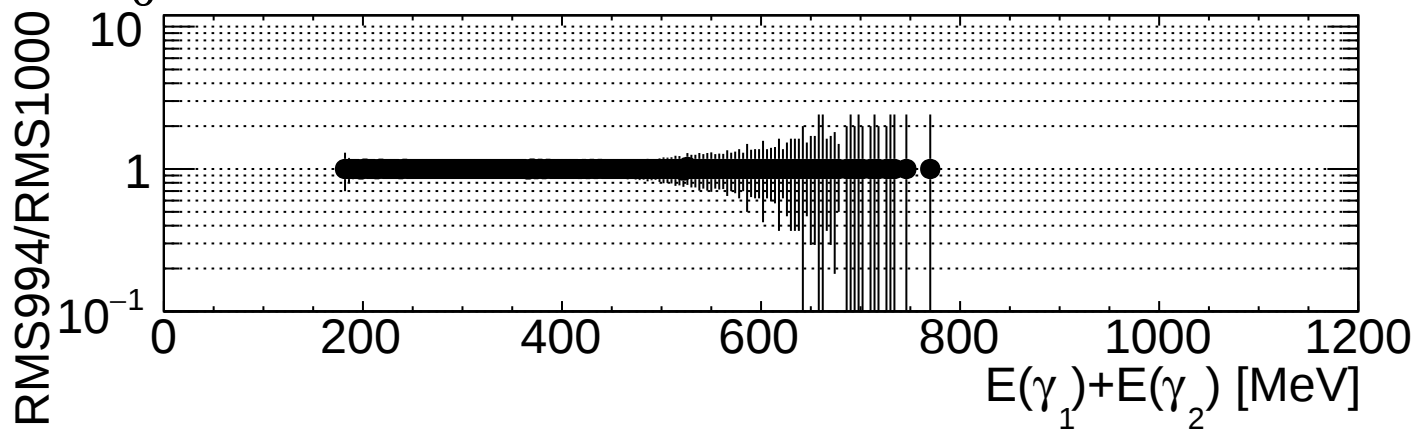
ECAL_twoPhotonInTime10nsEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



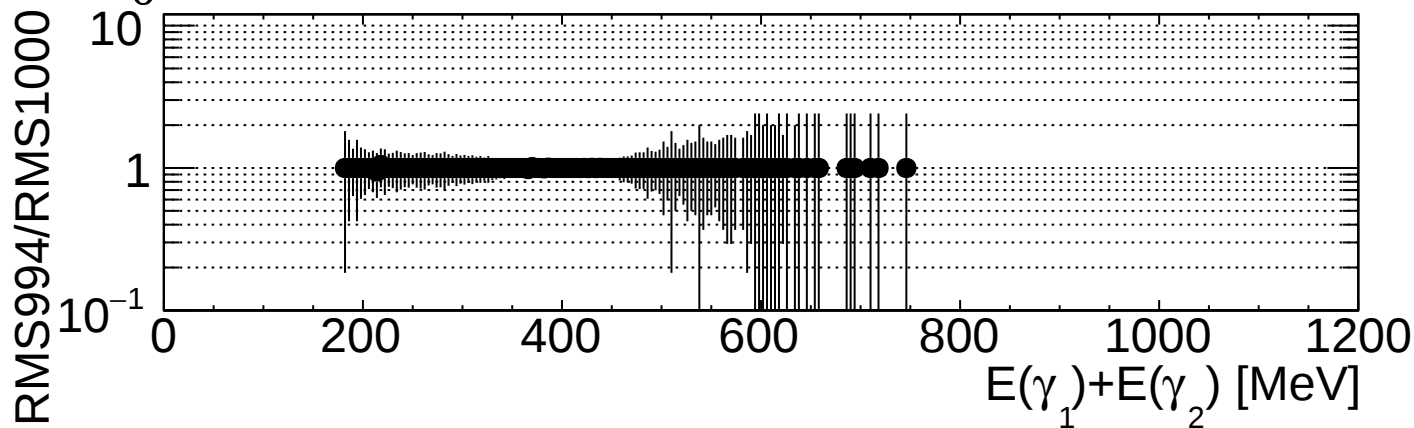
ECAL_twoPhotonInTime10ns20DegreeEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



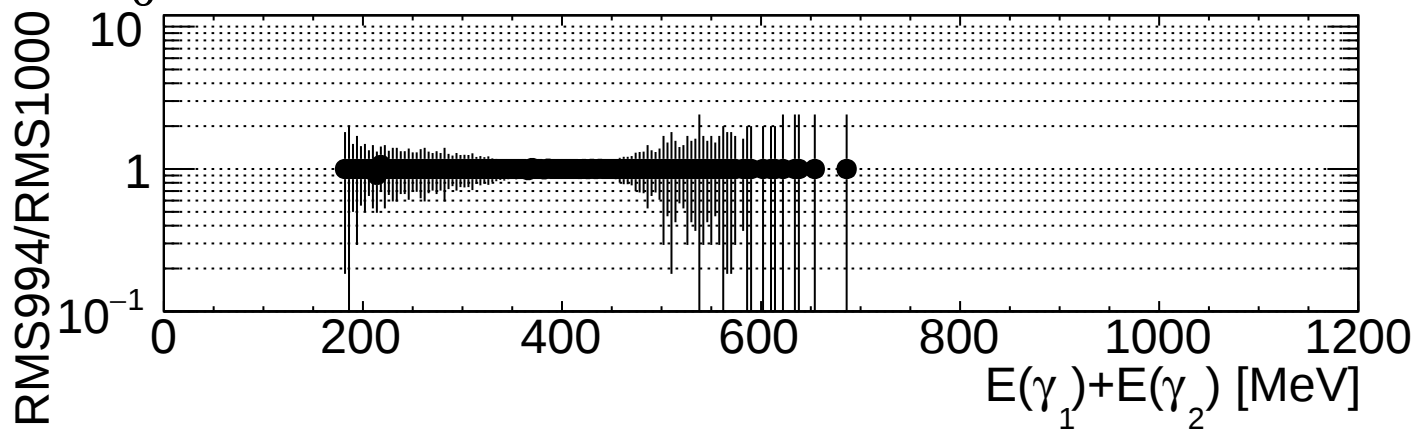
ECAL_twoPhotonInTime10ns20DegreeDeltaThetaEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



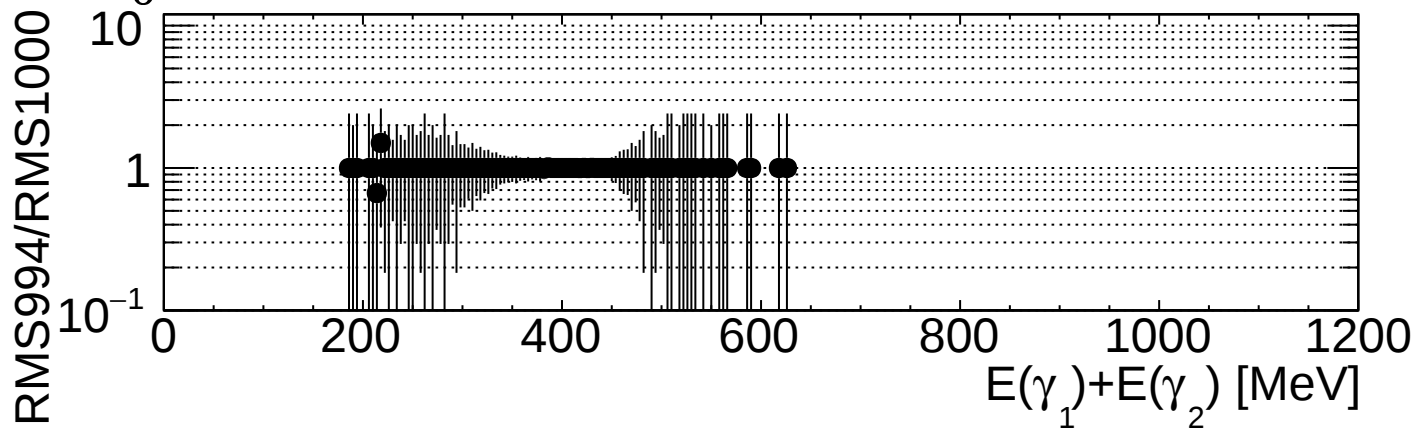
ECAL_gravTwoPhoton10ns1cmEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



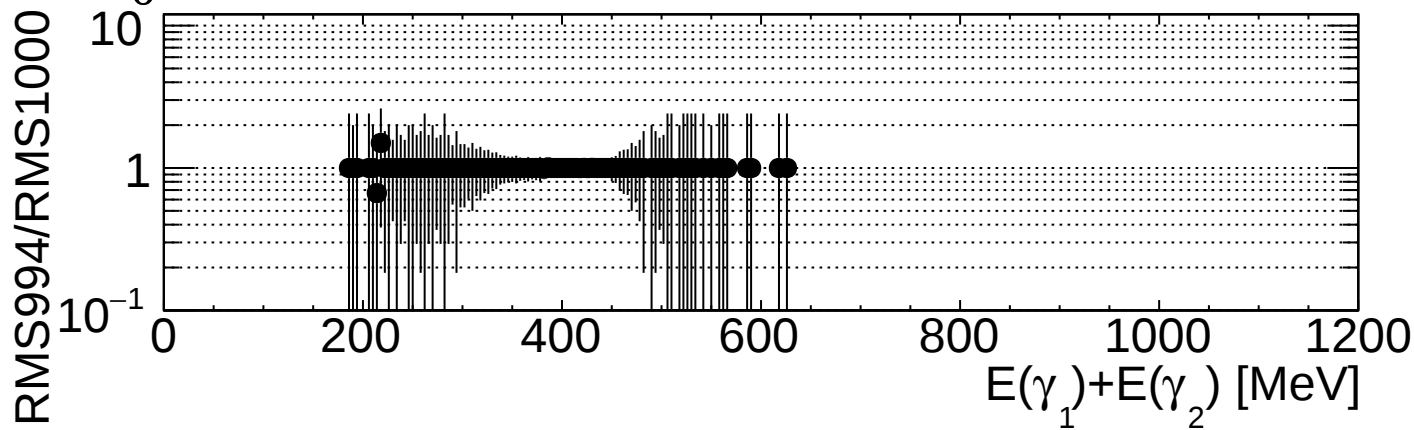
ECAL_gravTwoPhoton10ns1cm20DegreeEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



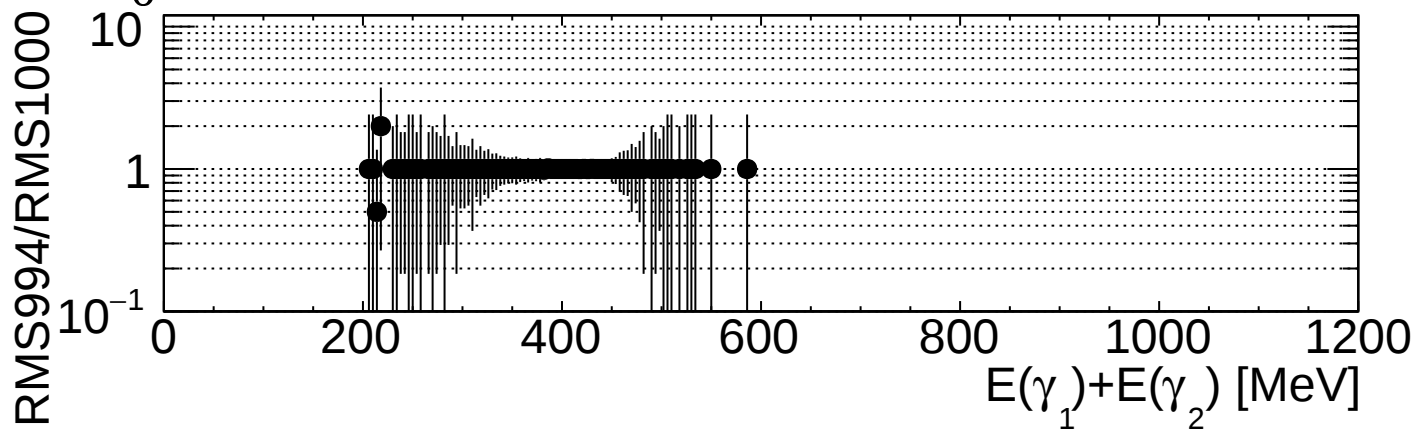
ECAL_gravTwoPhoton10ns1cm20DegreeDeltaThetaEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



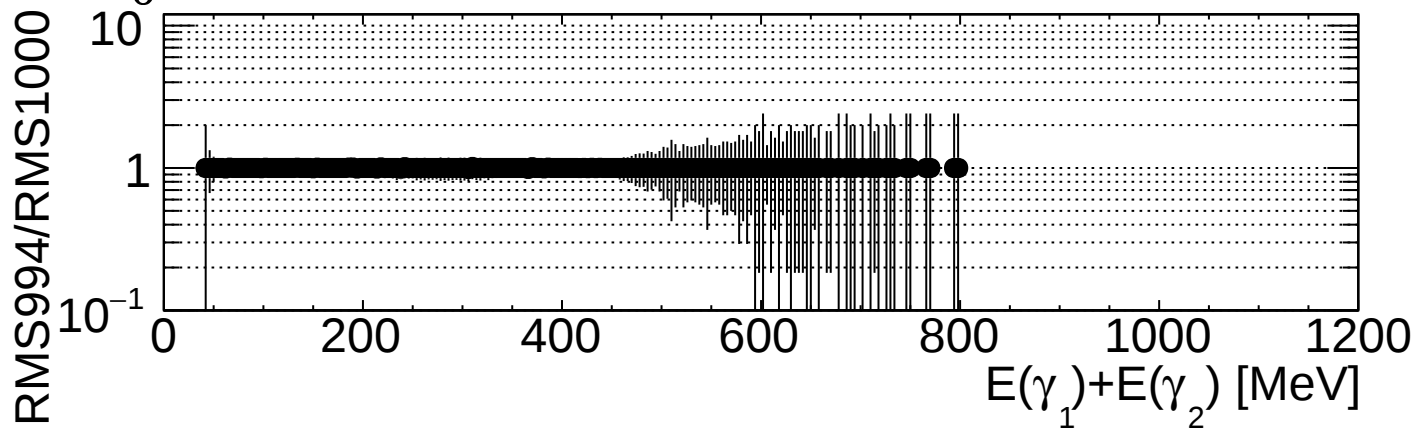
ECAL_gravTwoPhoton10ns5cm

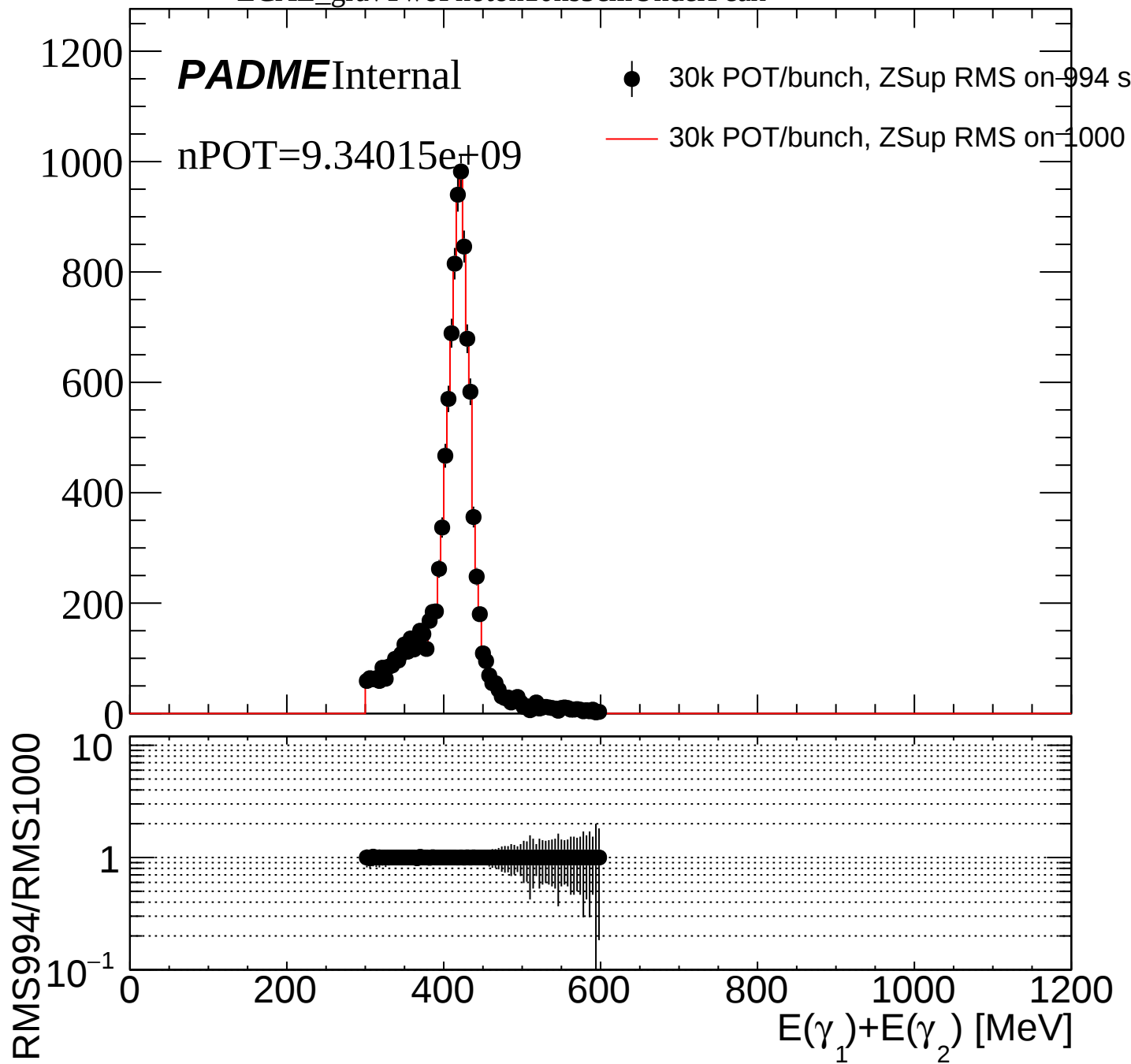
PADME Internal

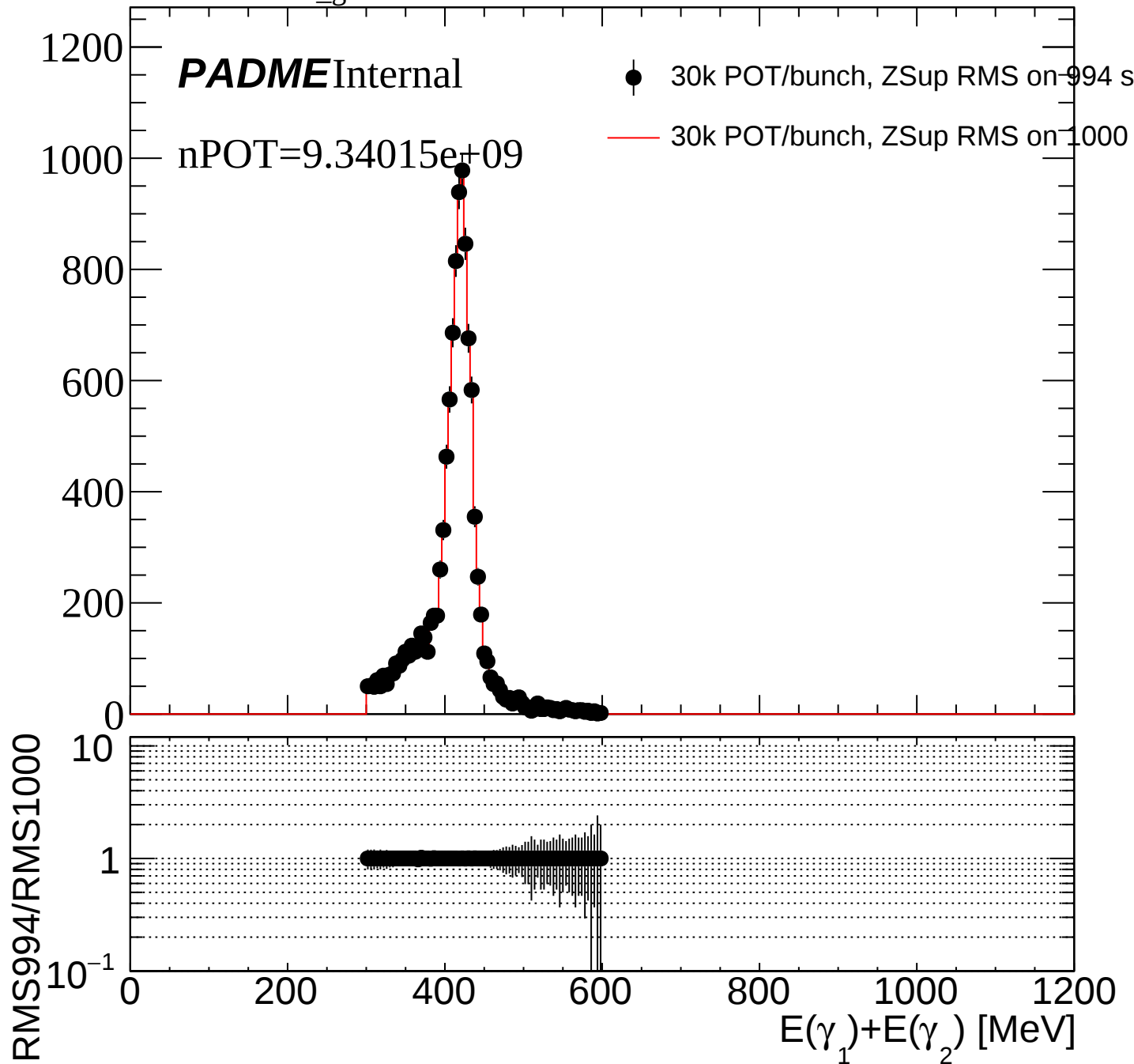
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000







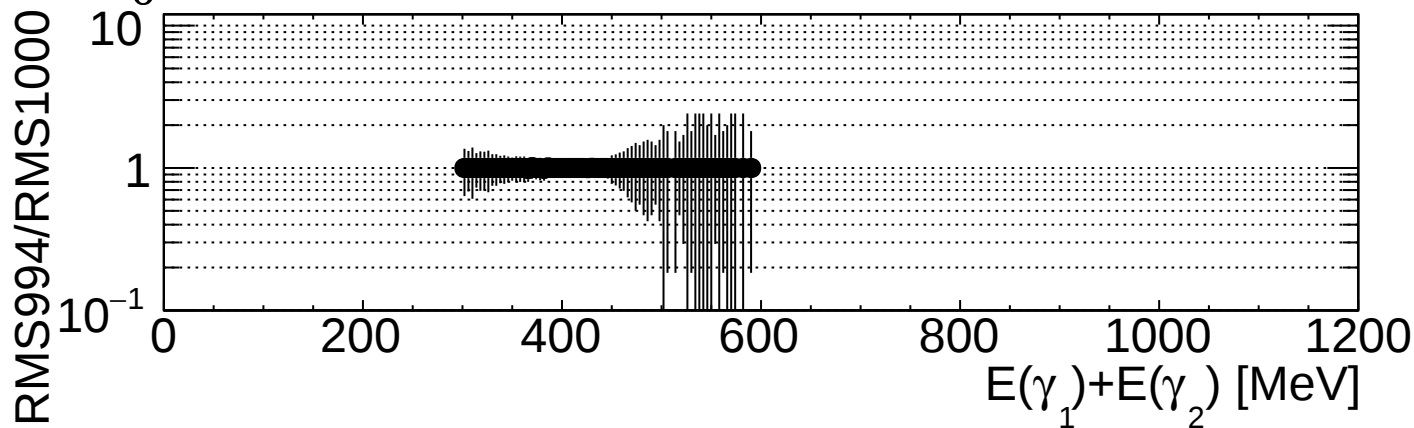
ECAL_gravTwoPhoton10ns5cmUnderPeakEThr90_FRY

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



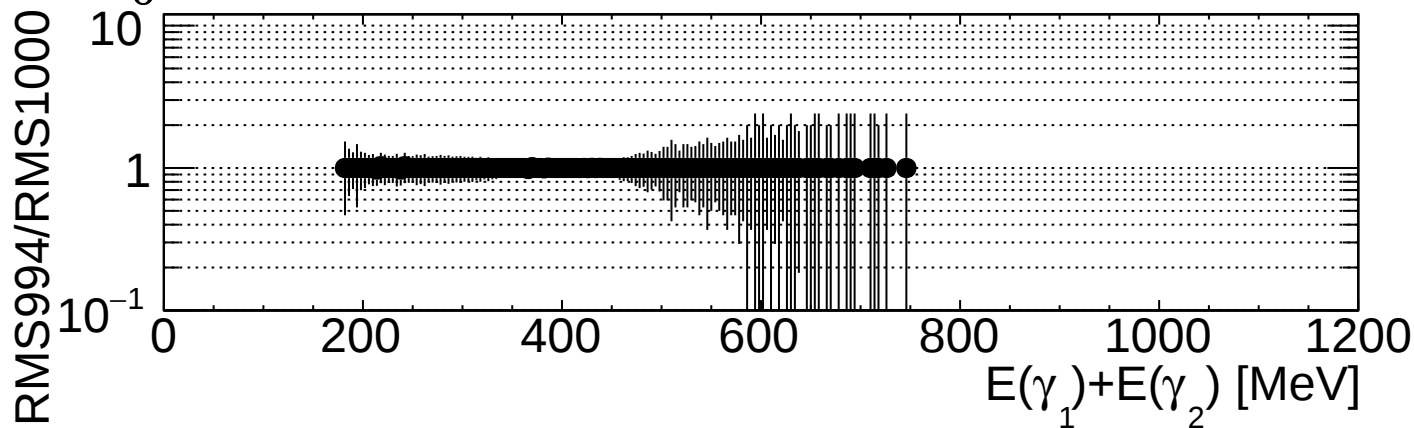
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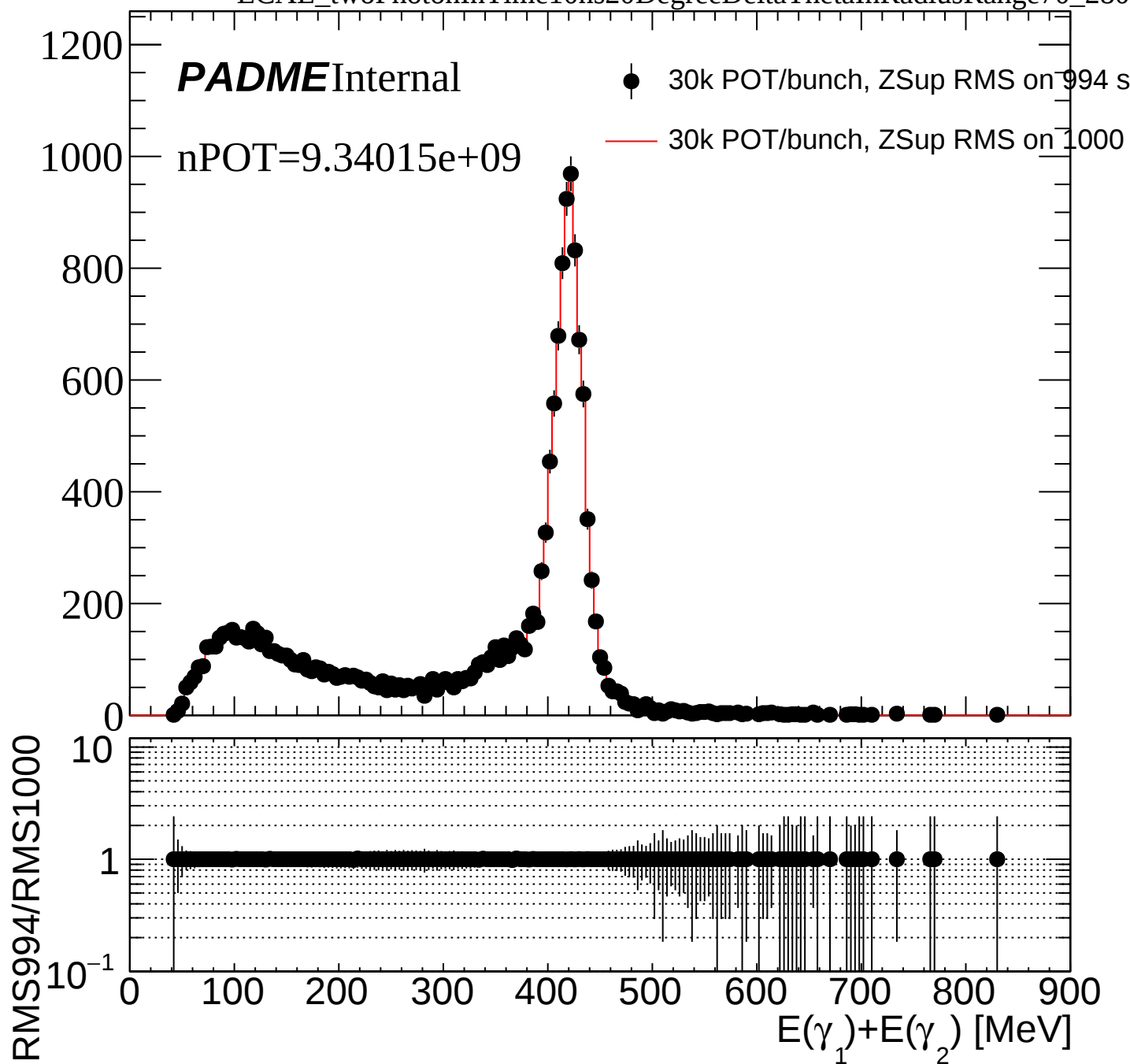
PADME Internal

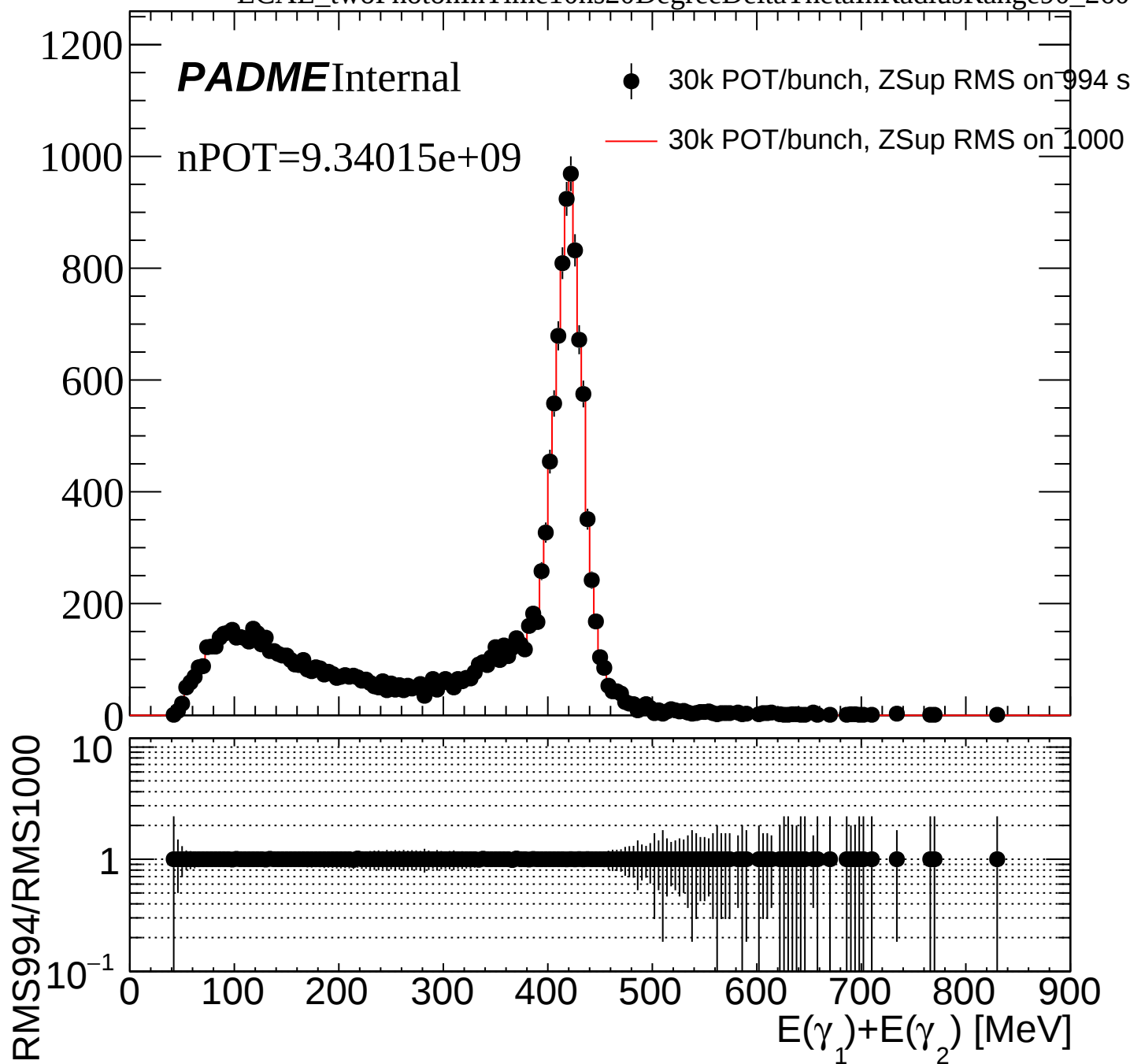
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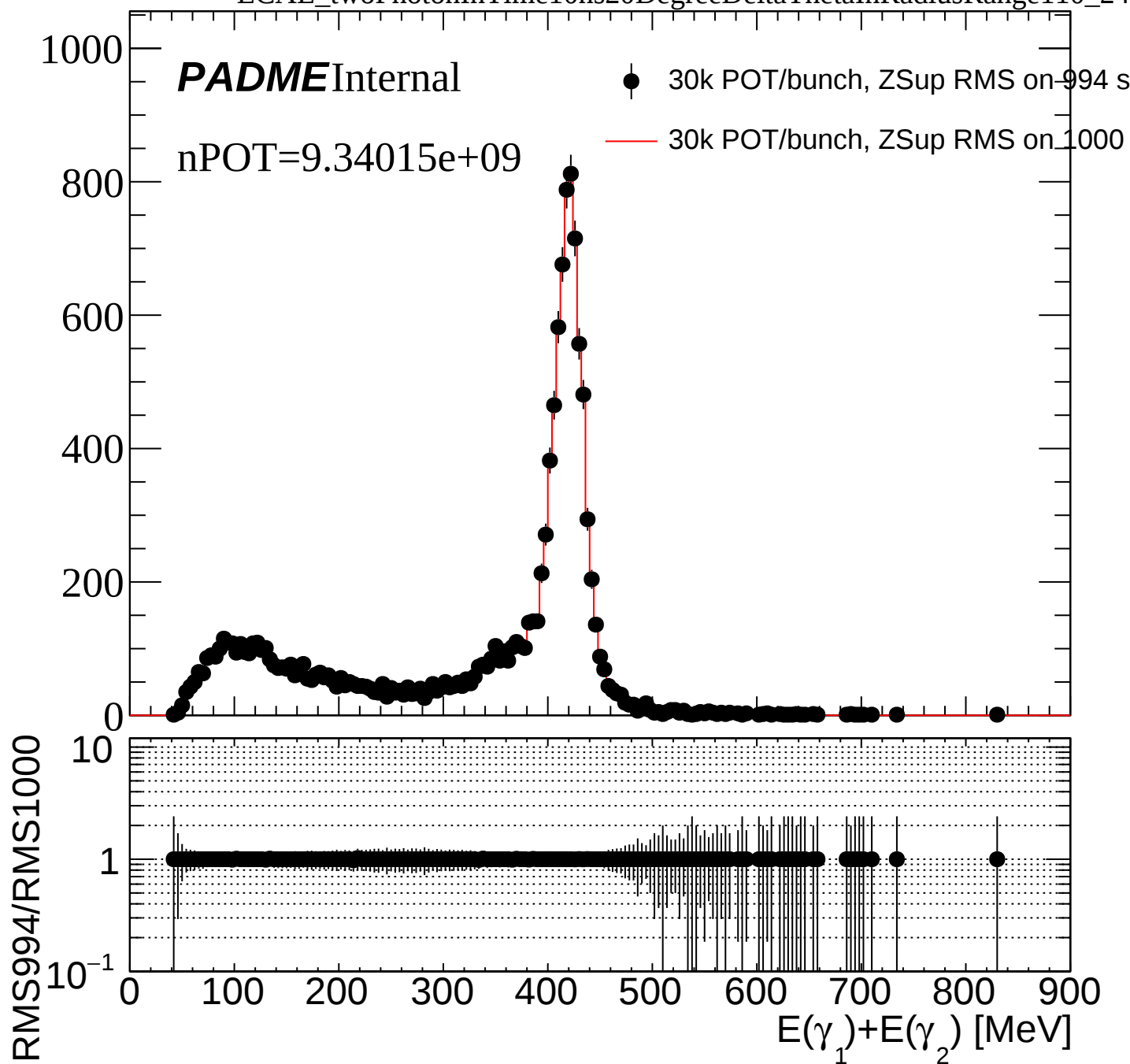
● 30k POT/bunch, ZSup RMS on 994 s

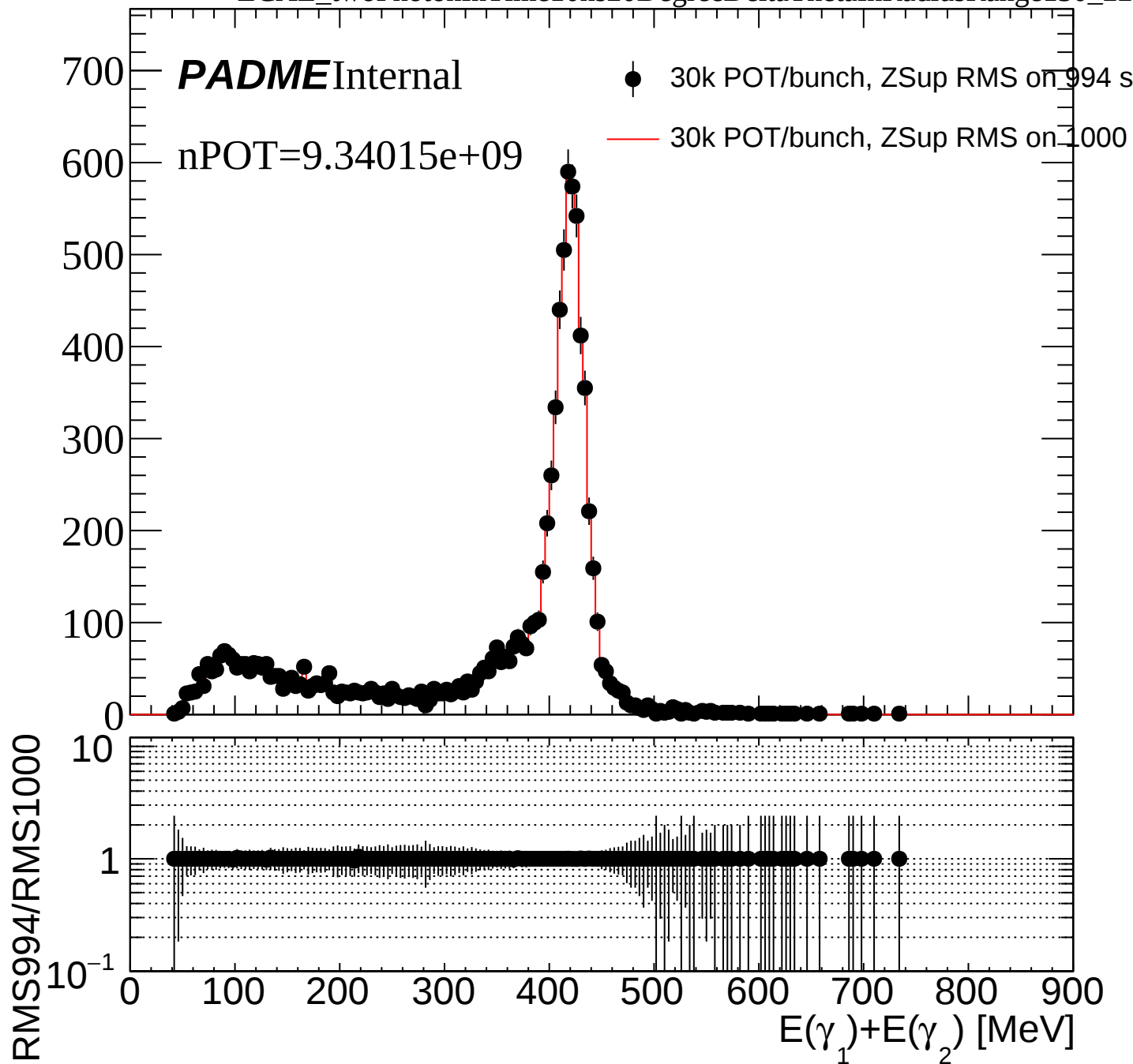
— 30k POT/bunch, ZSup RMS on 1000

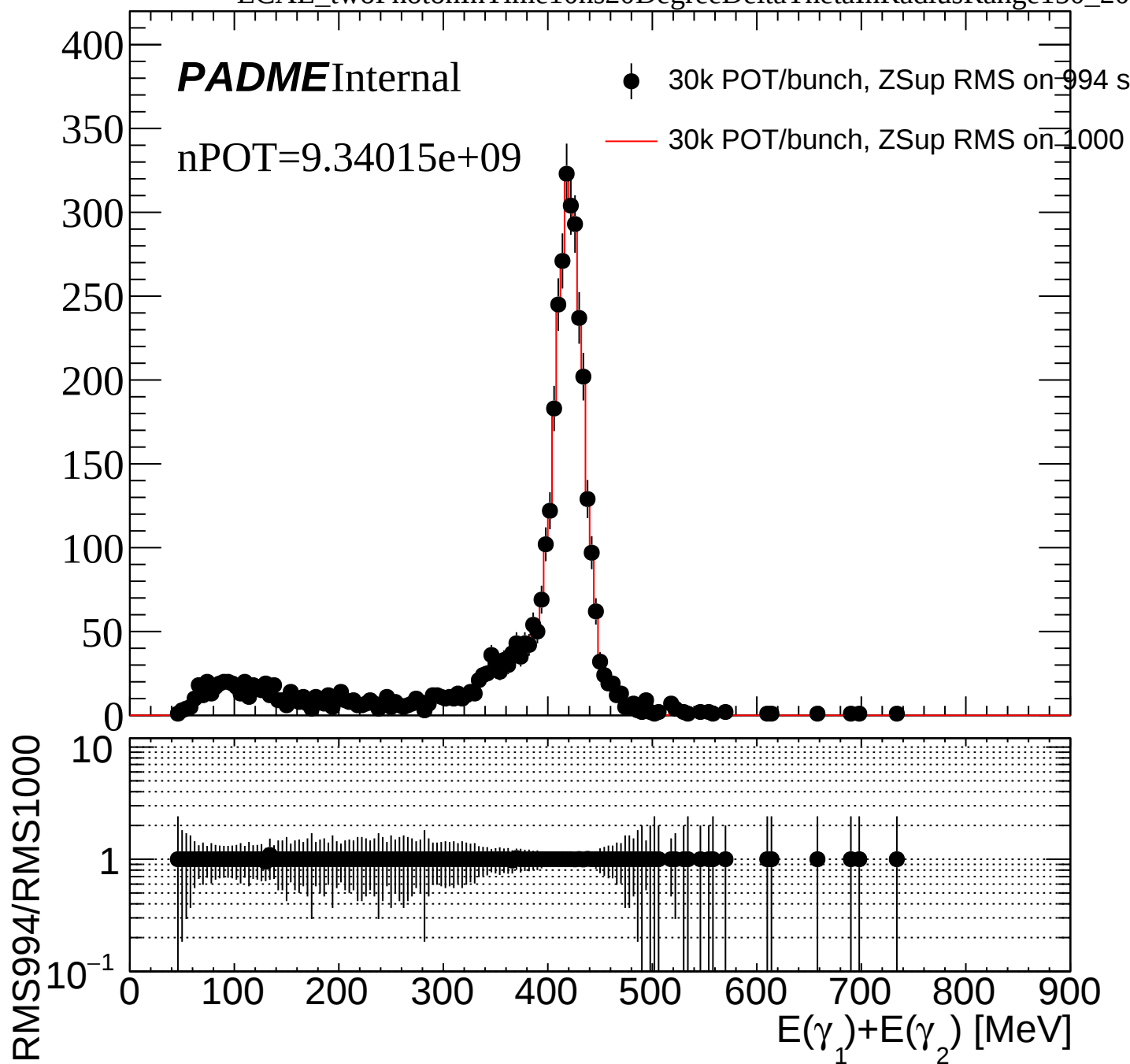


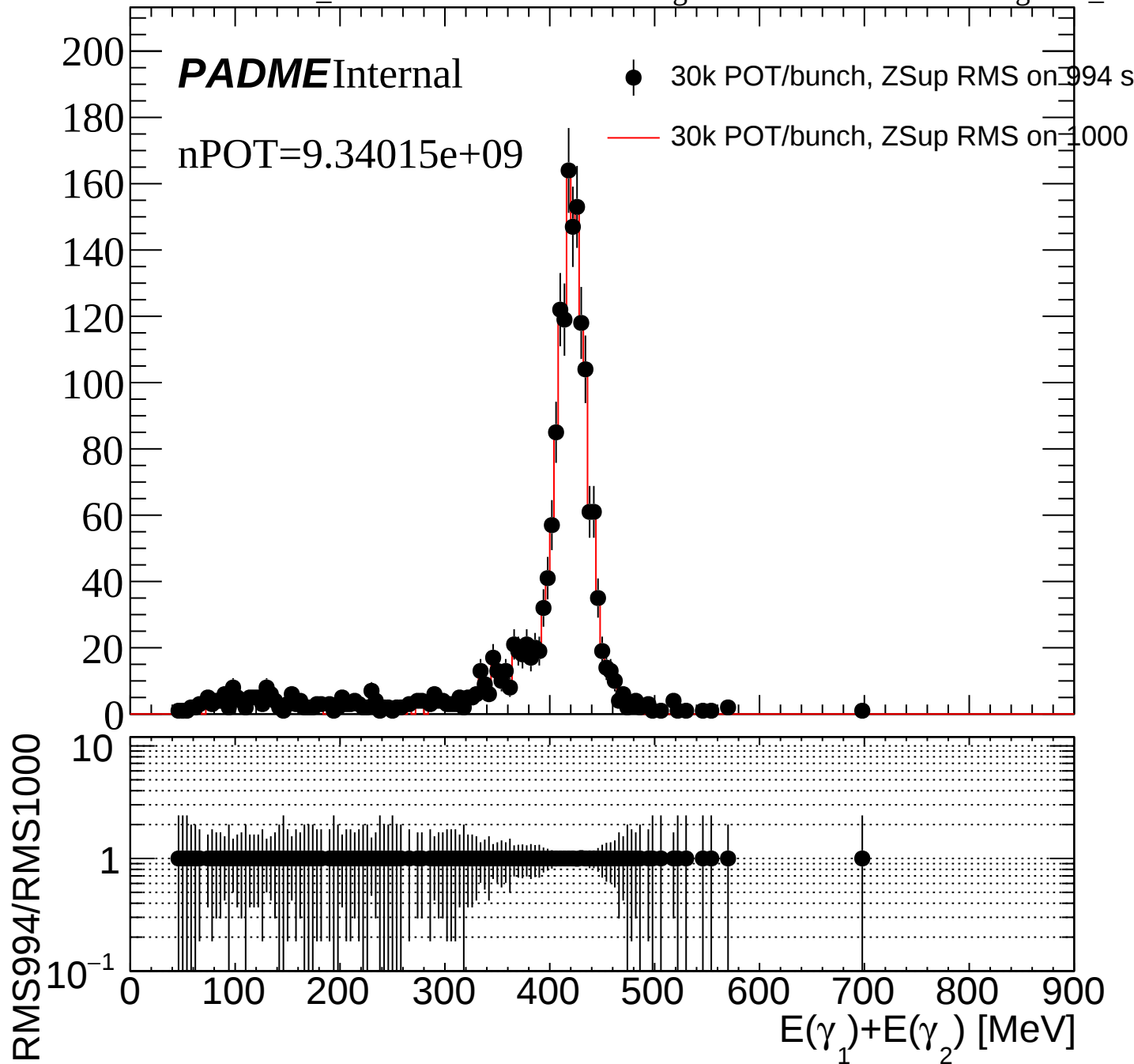


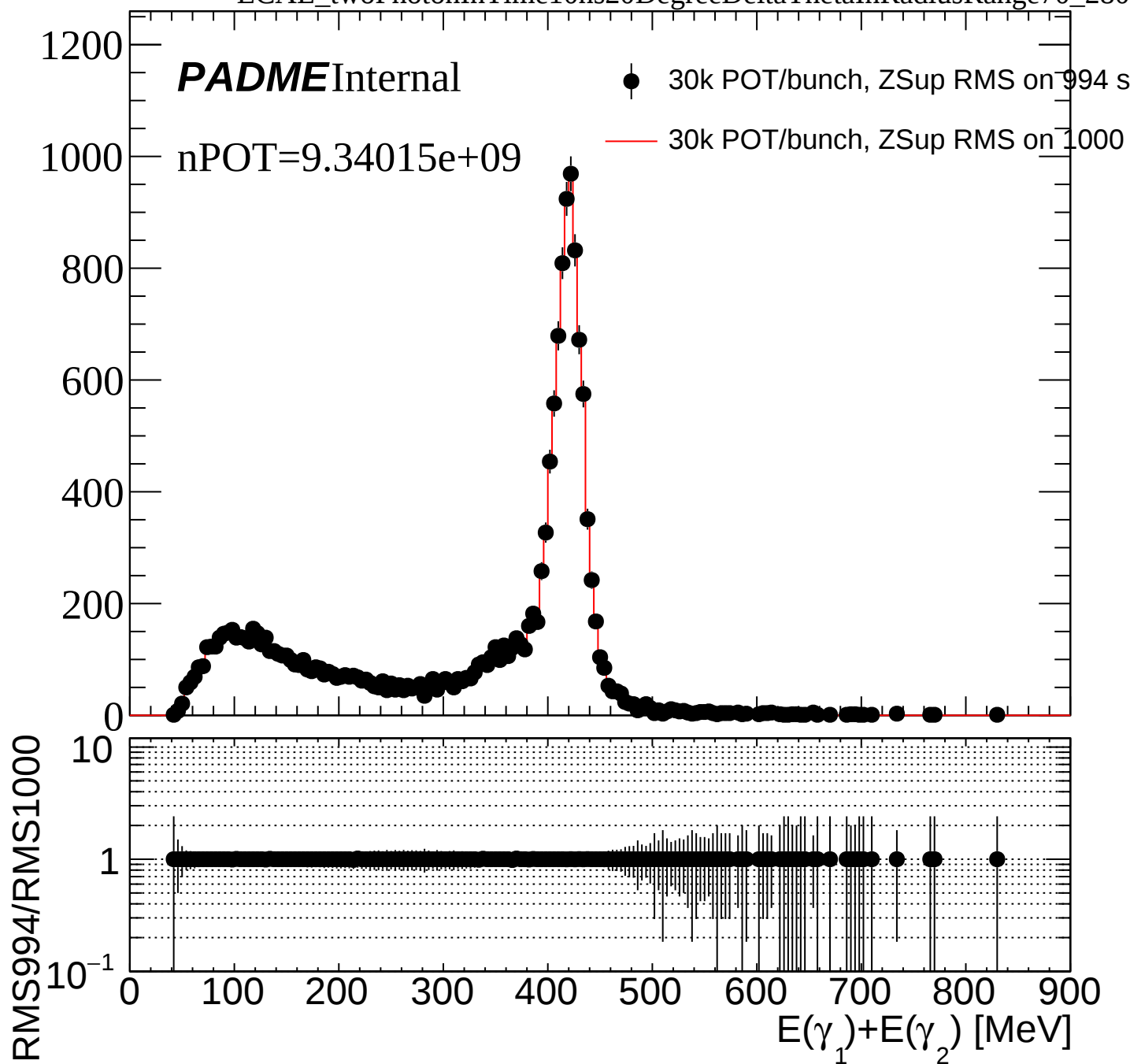


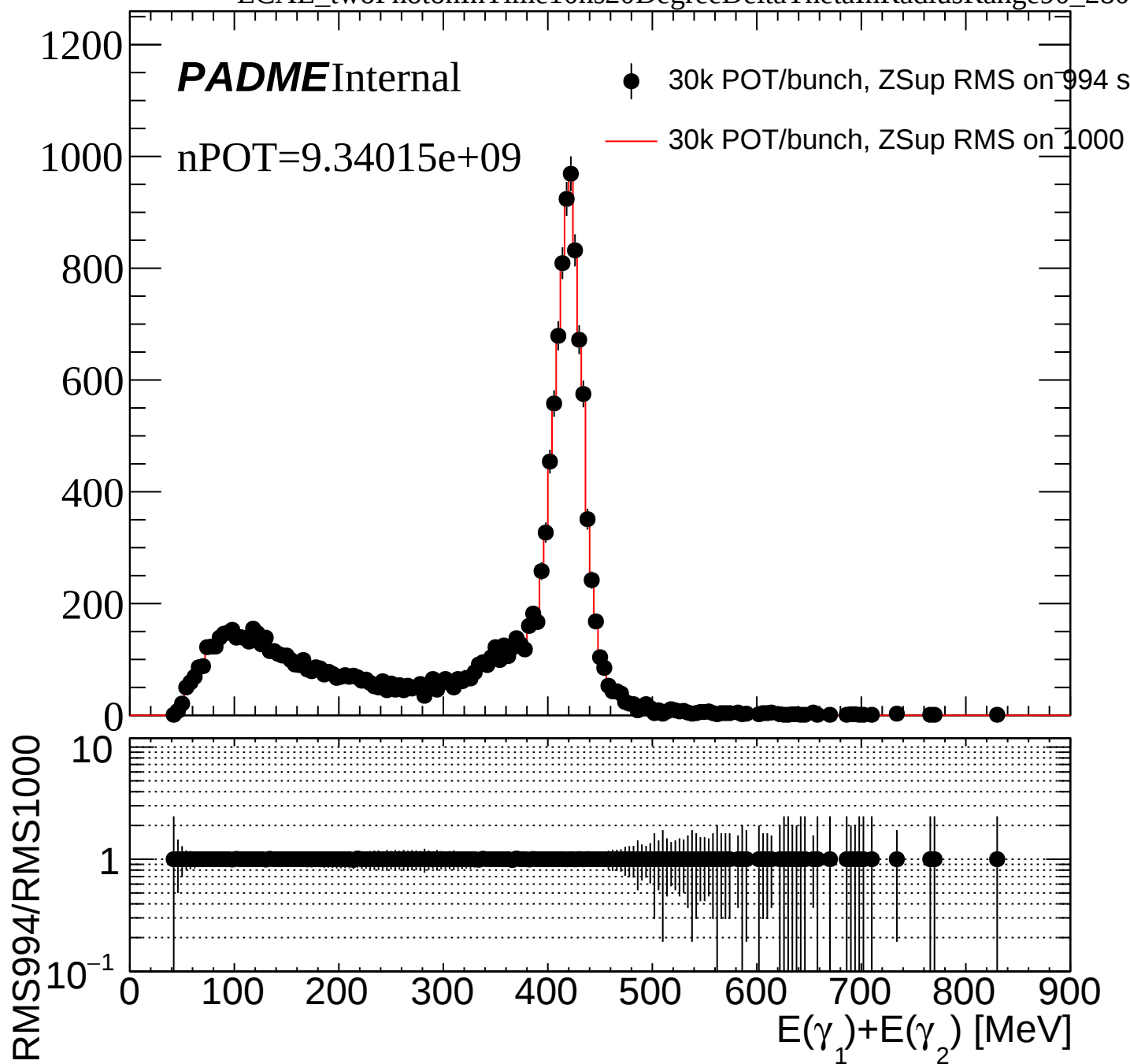


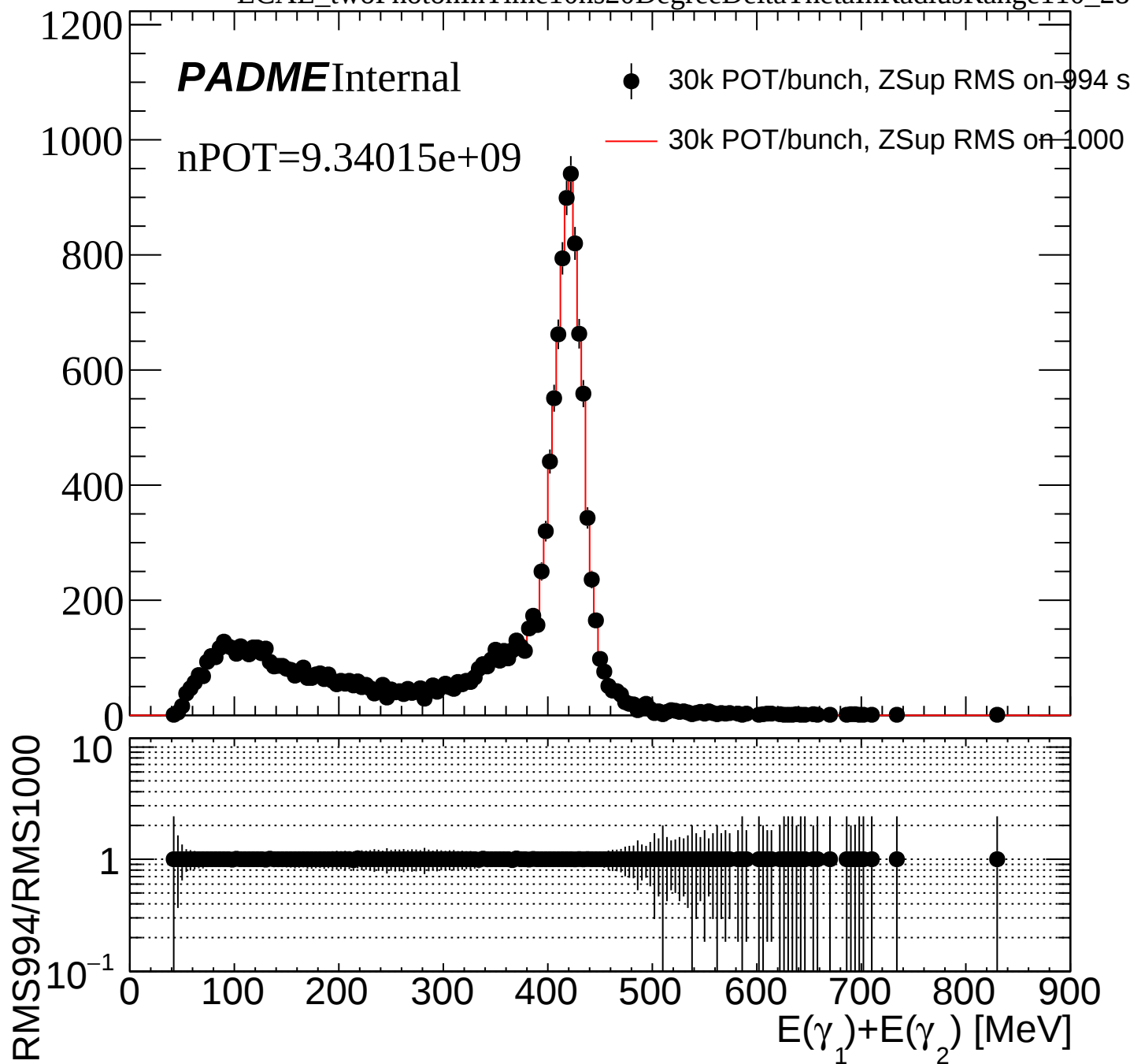


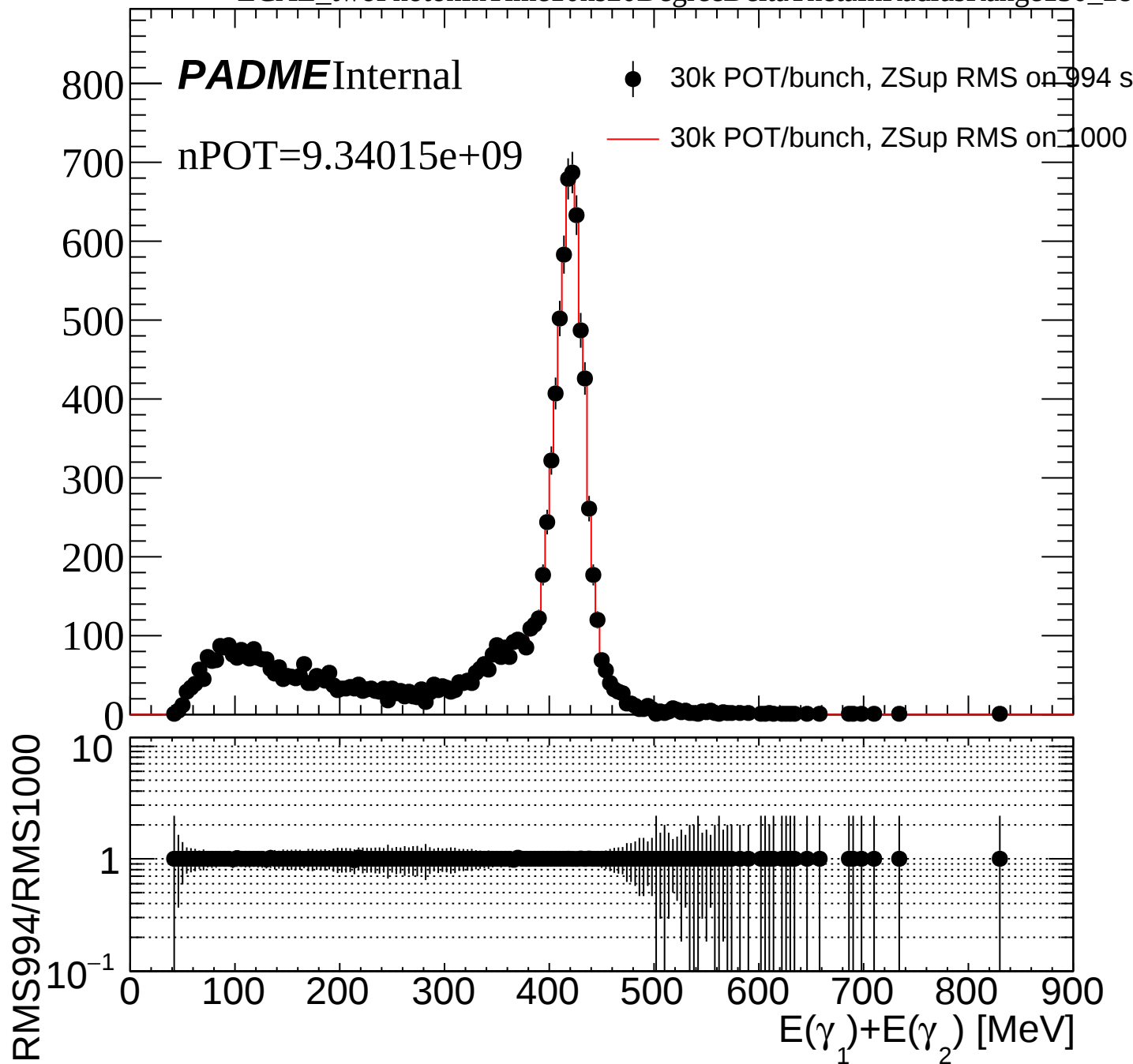


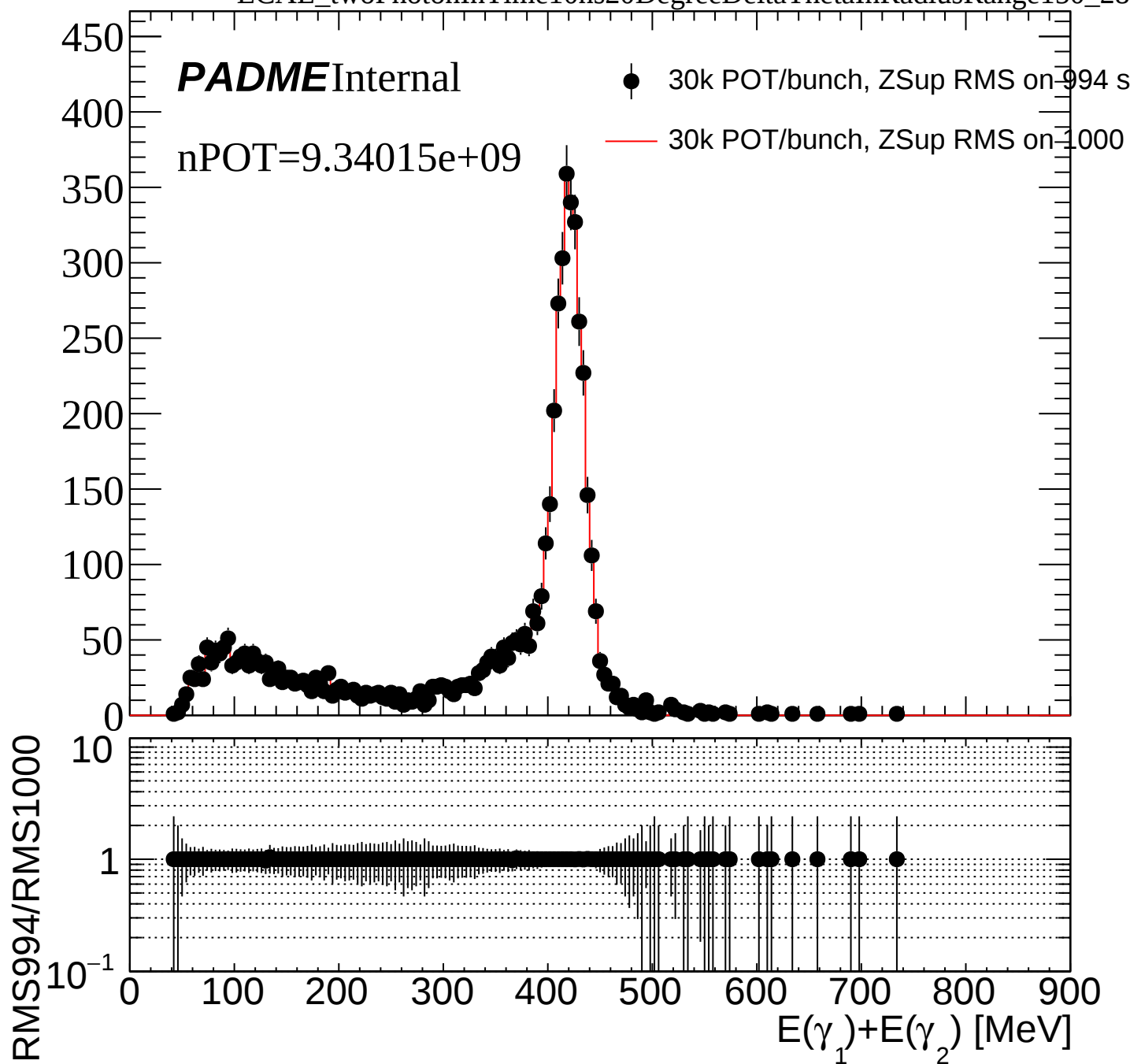


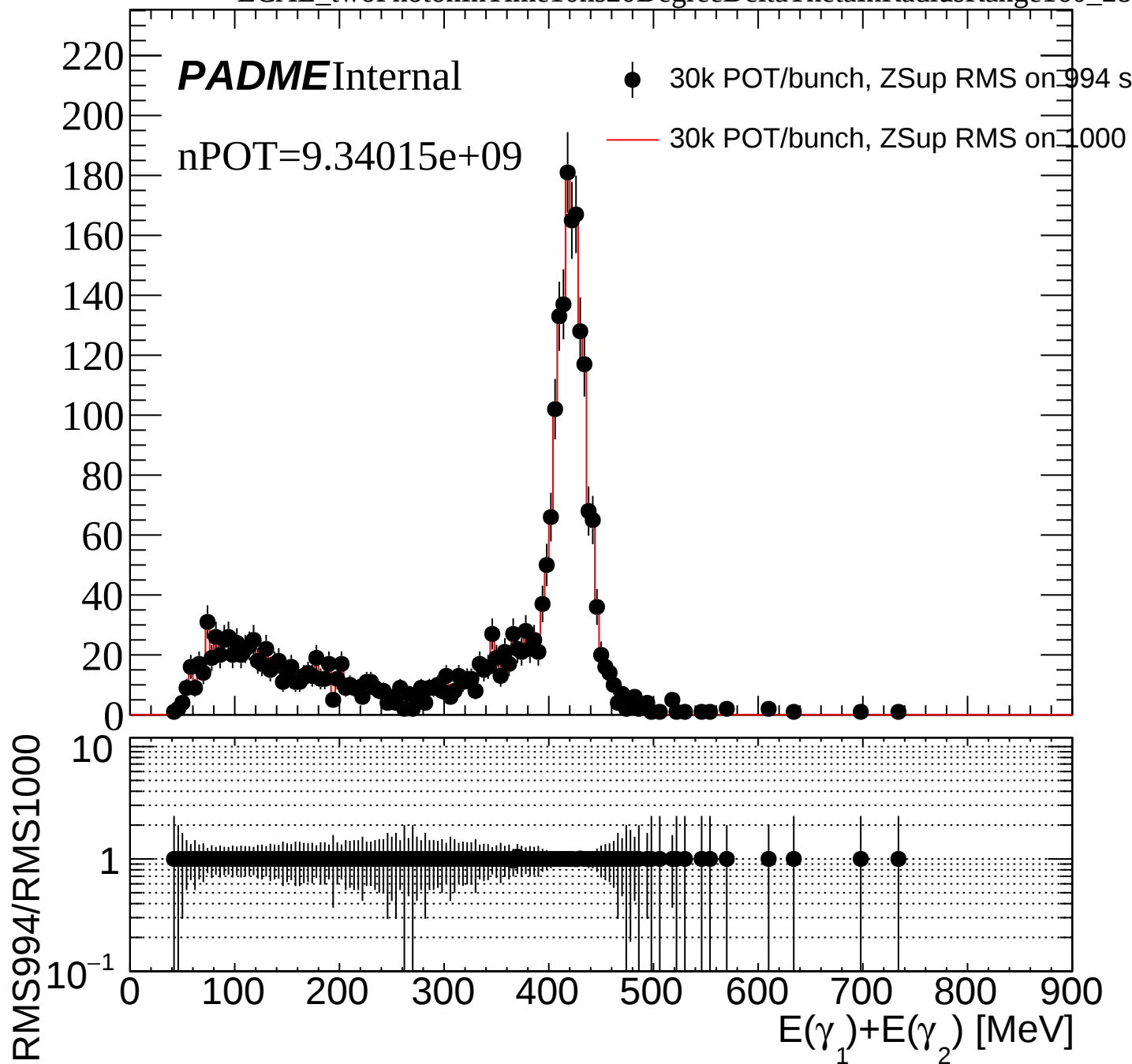


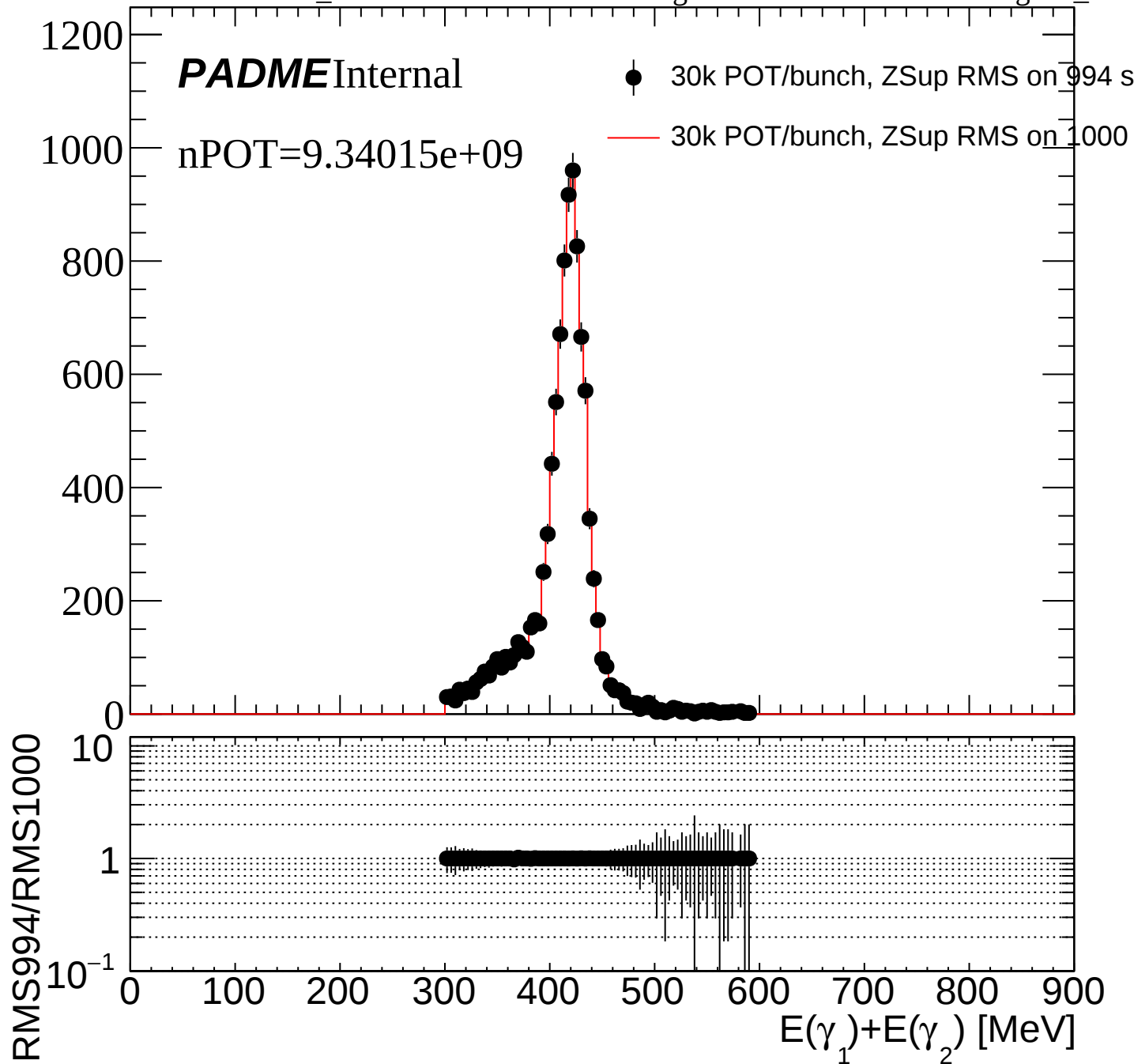


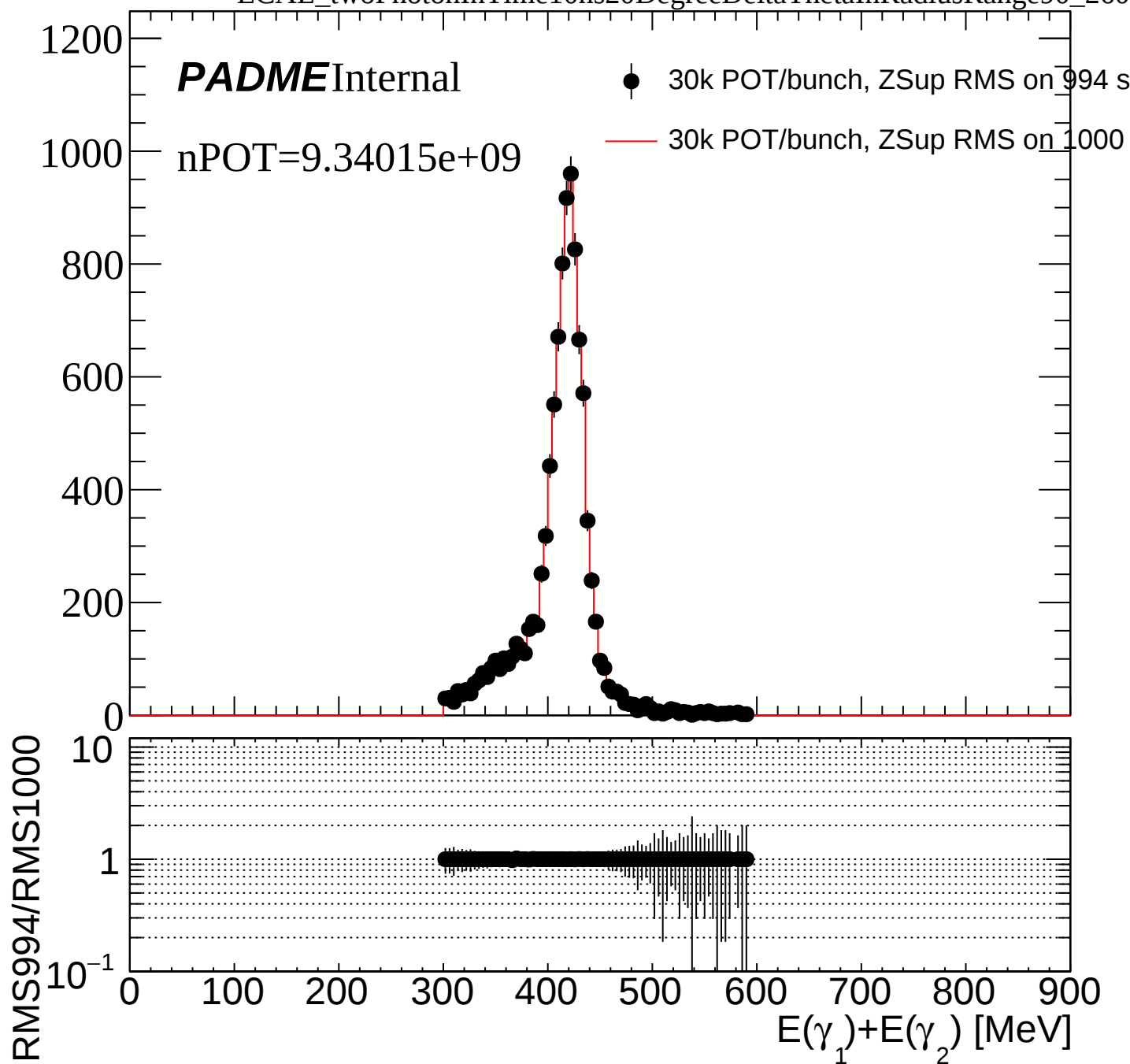


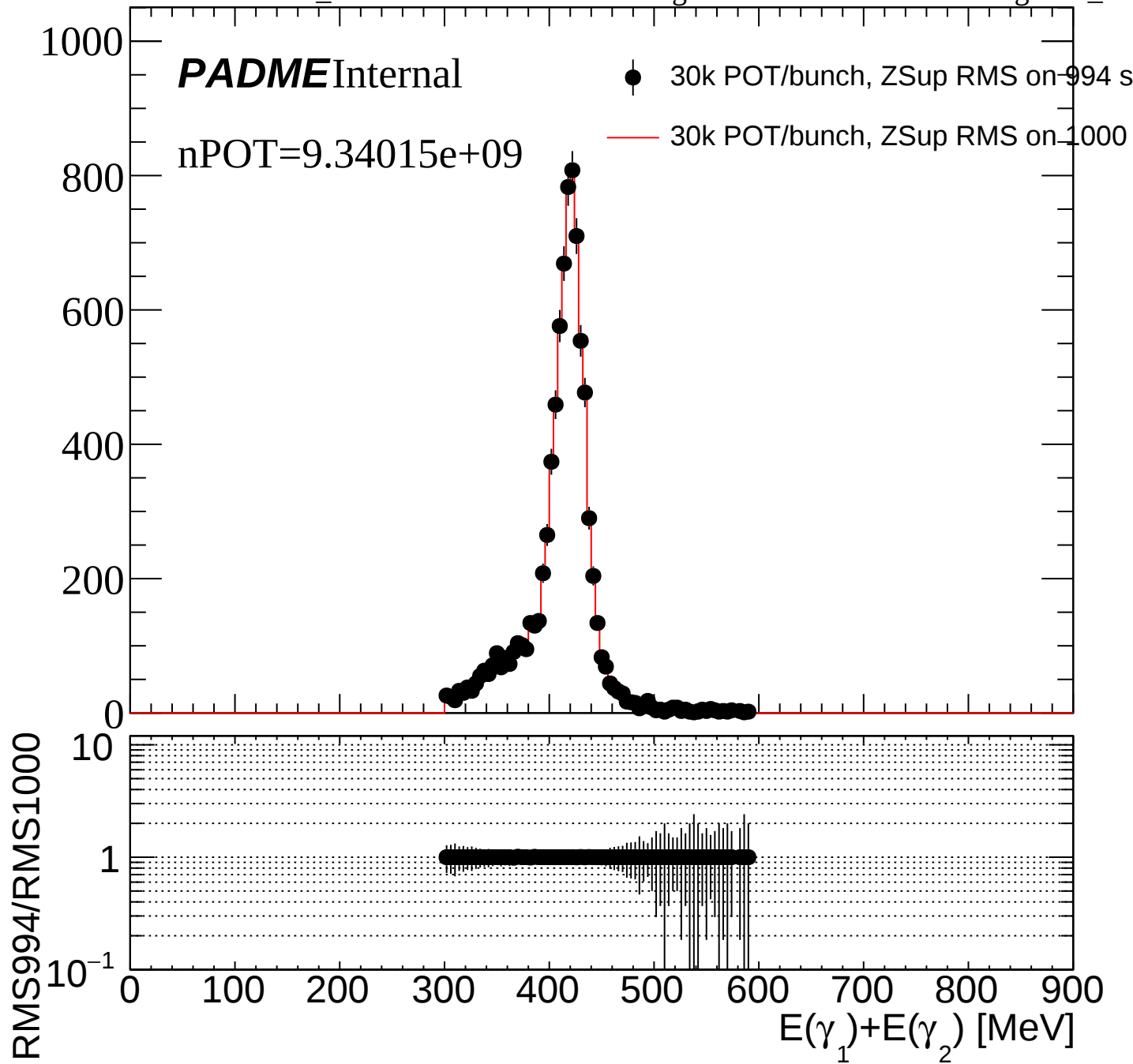


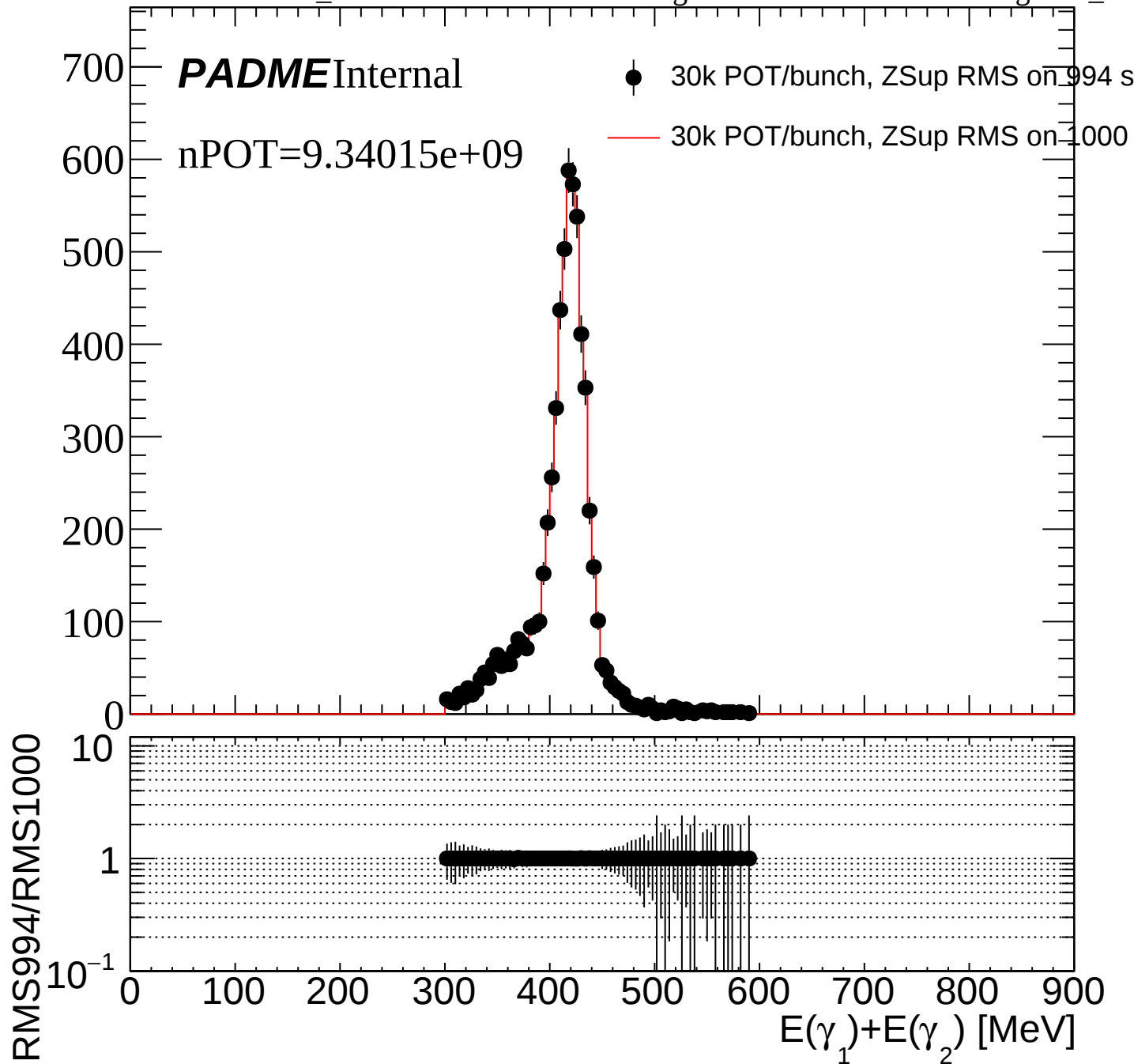


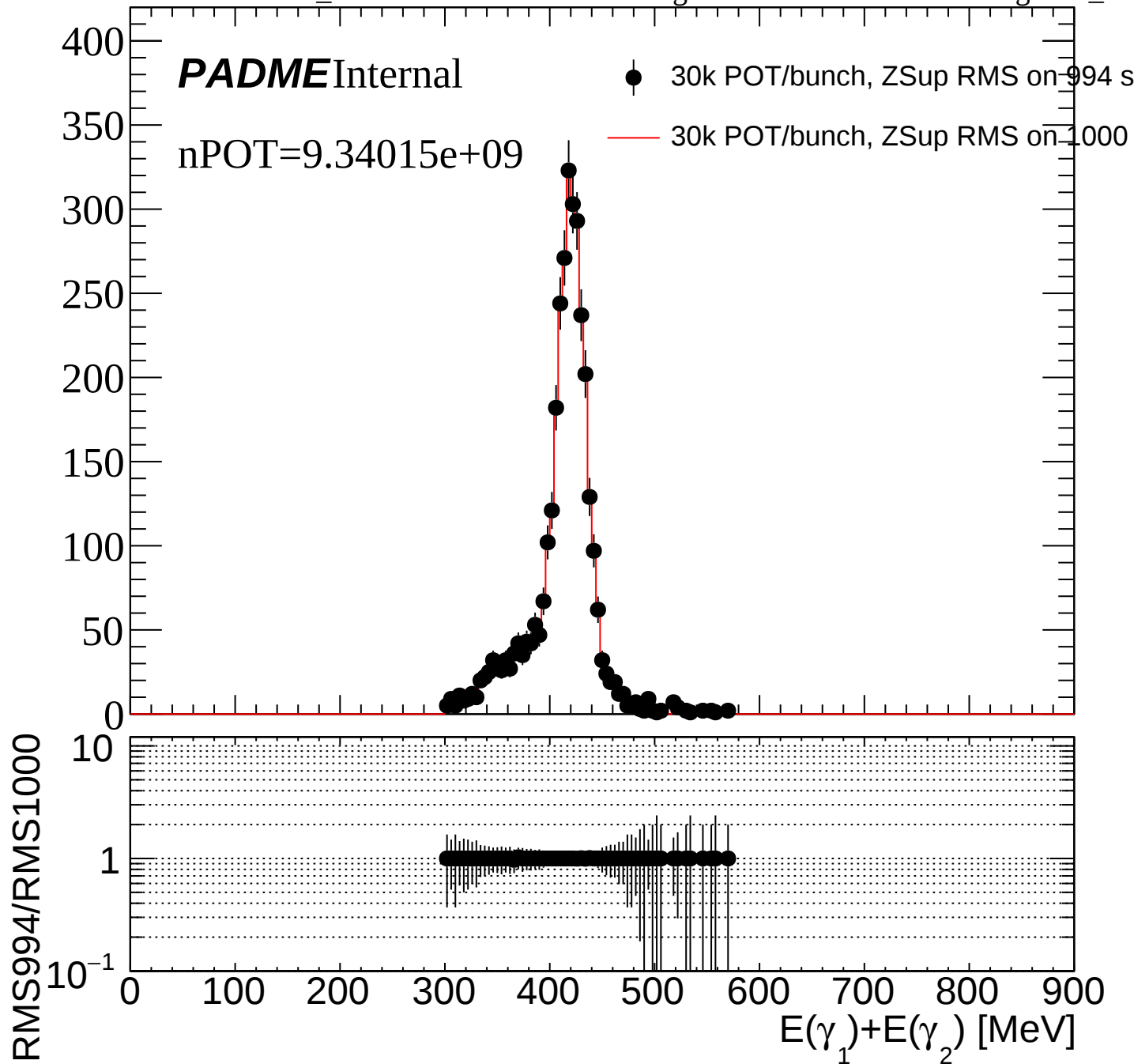


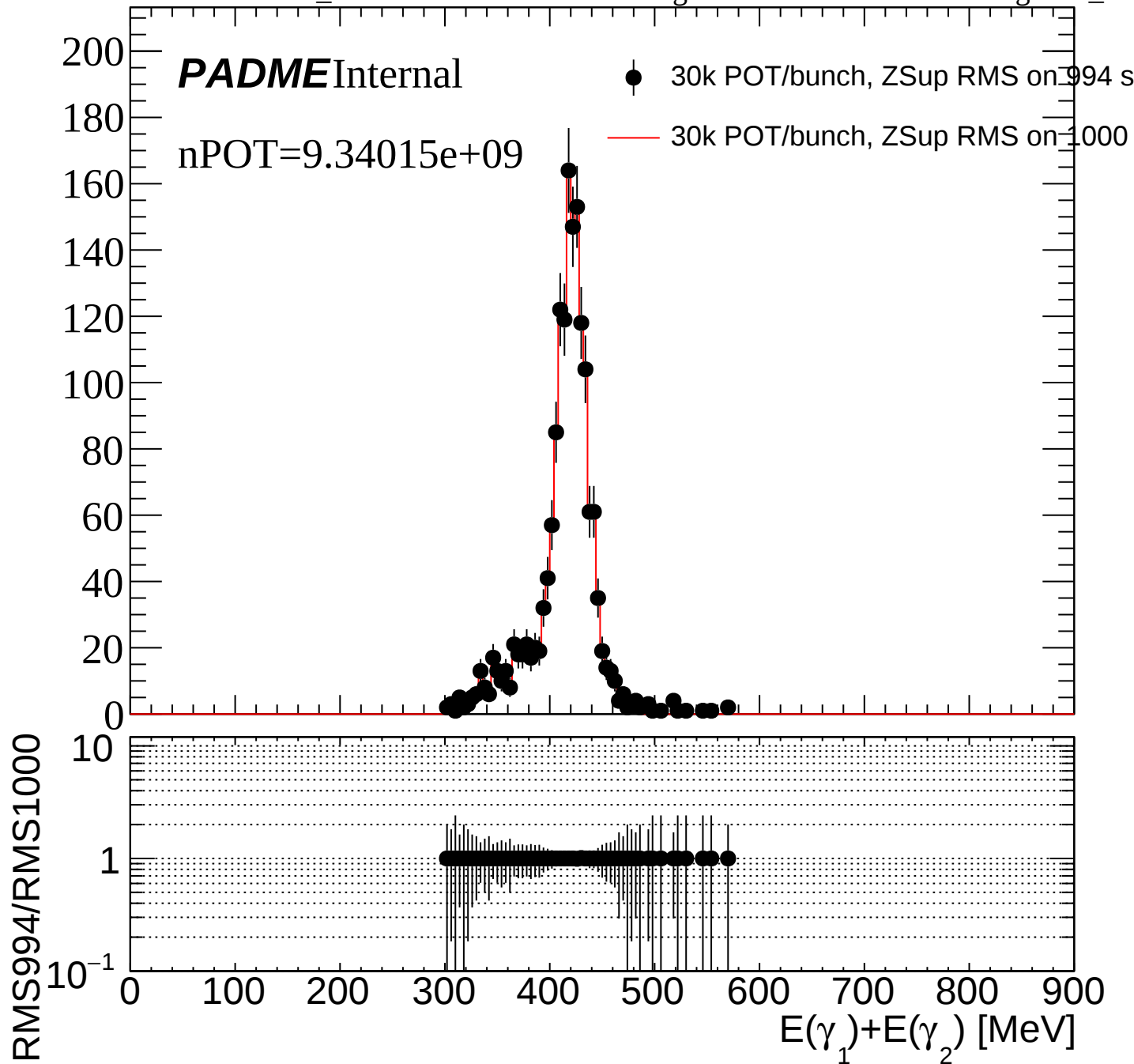


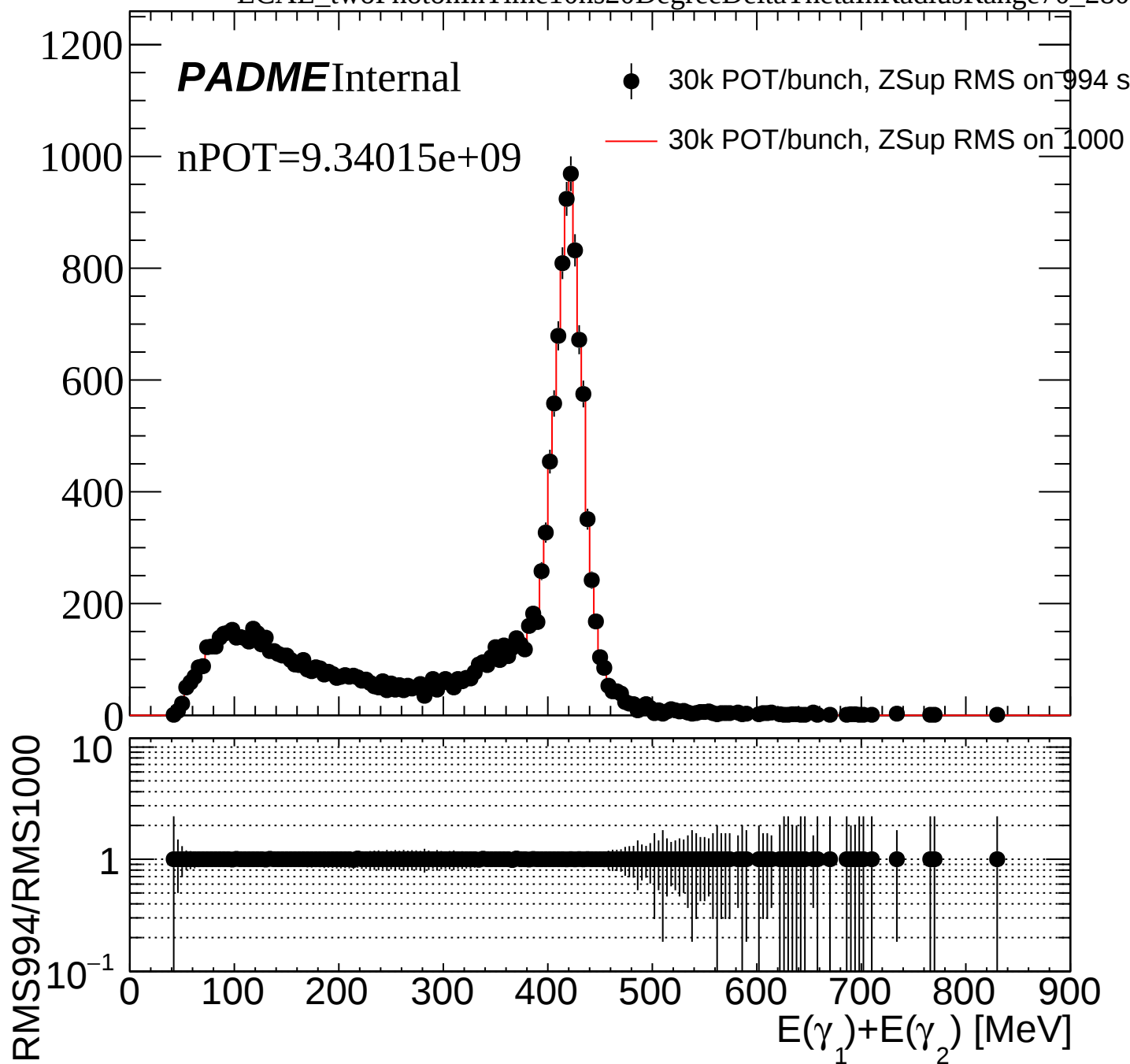


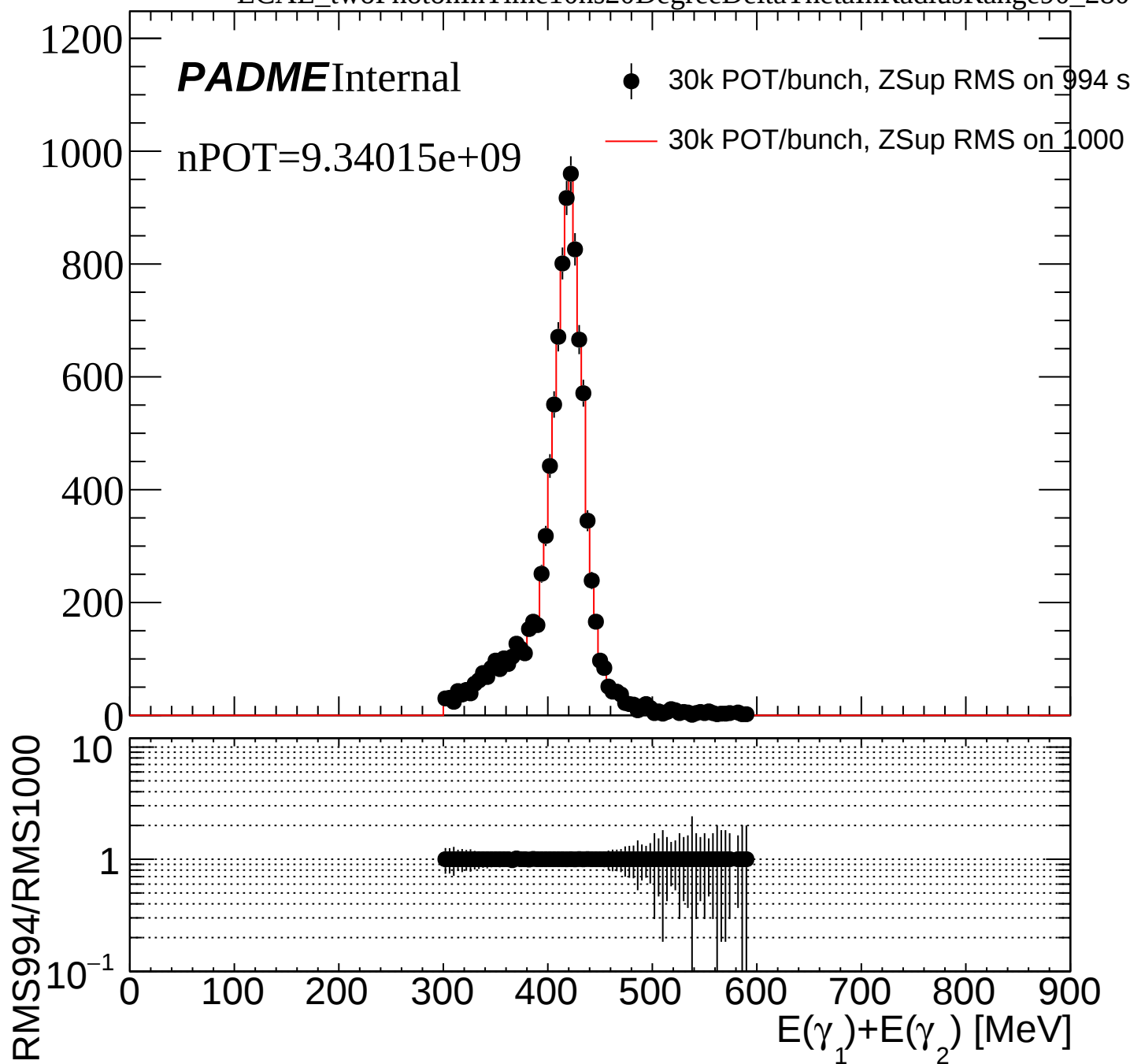


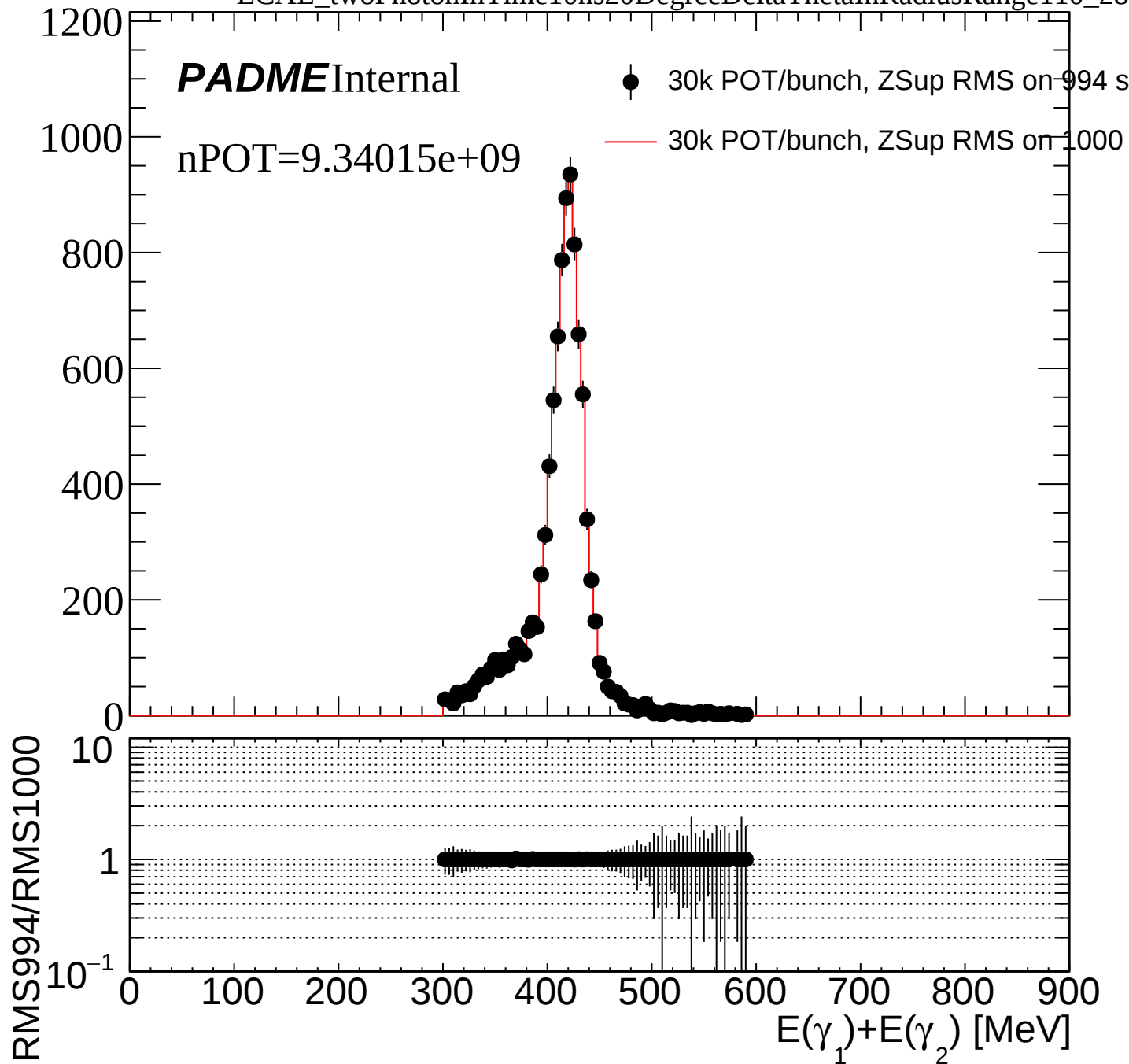


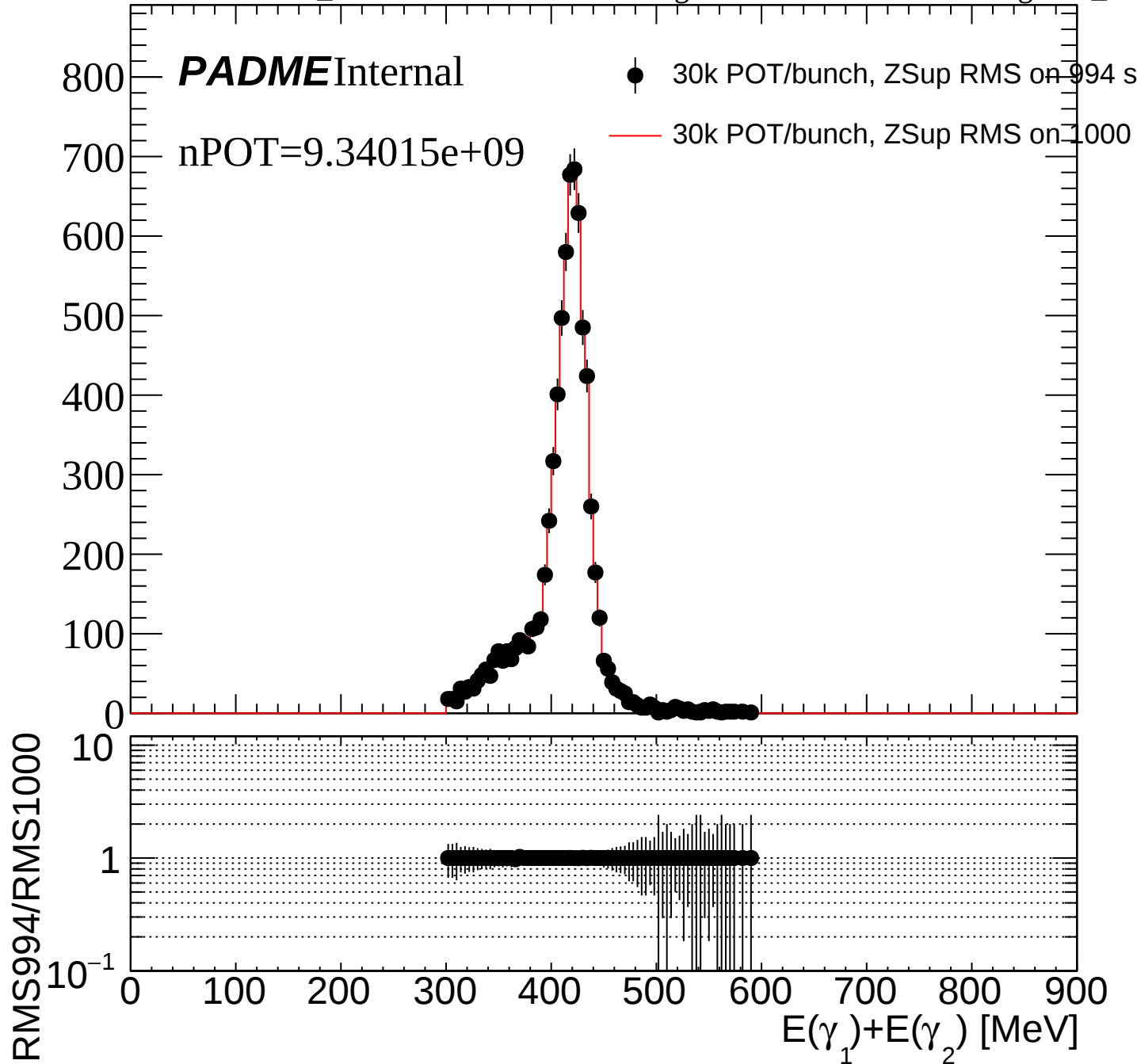


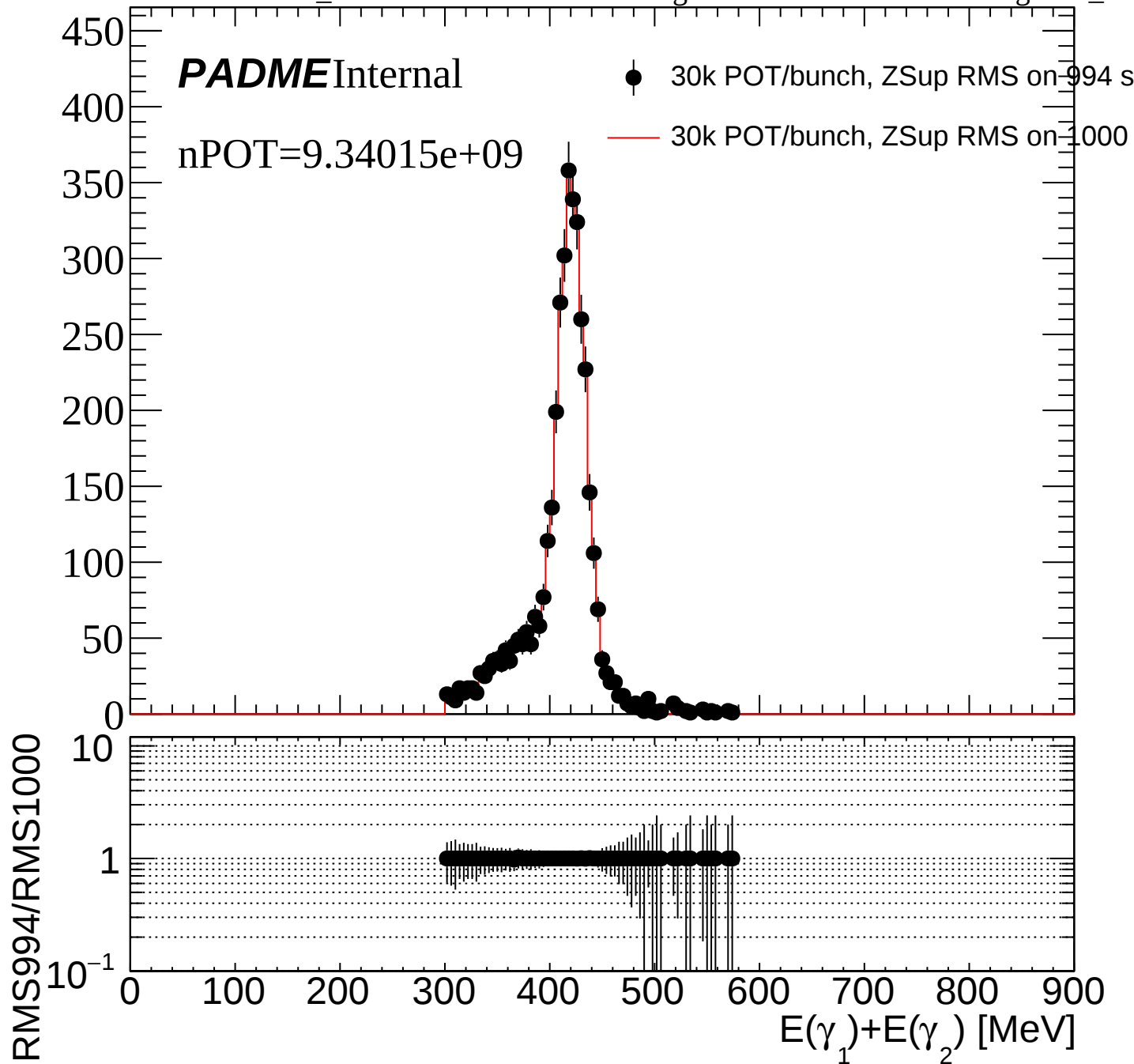


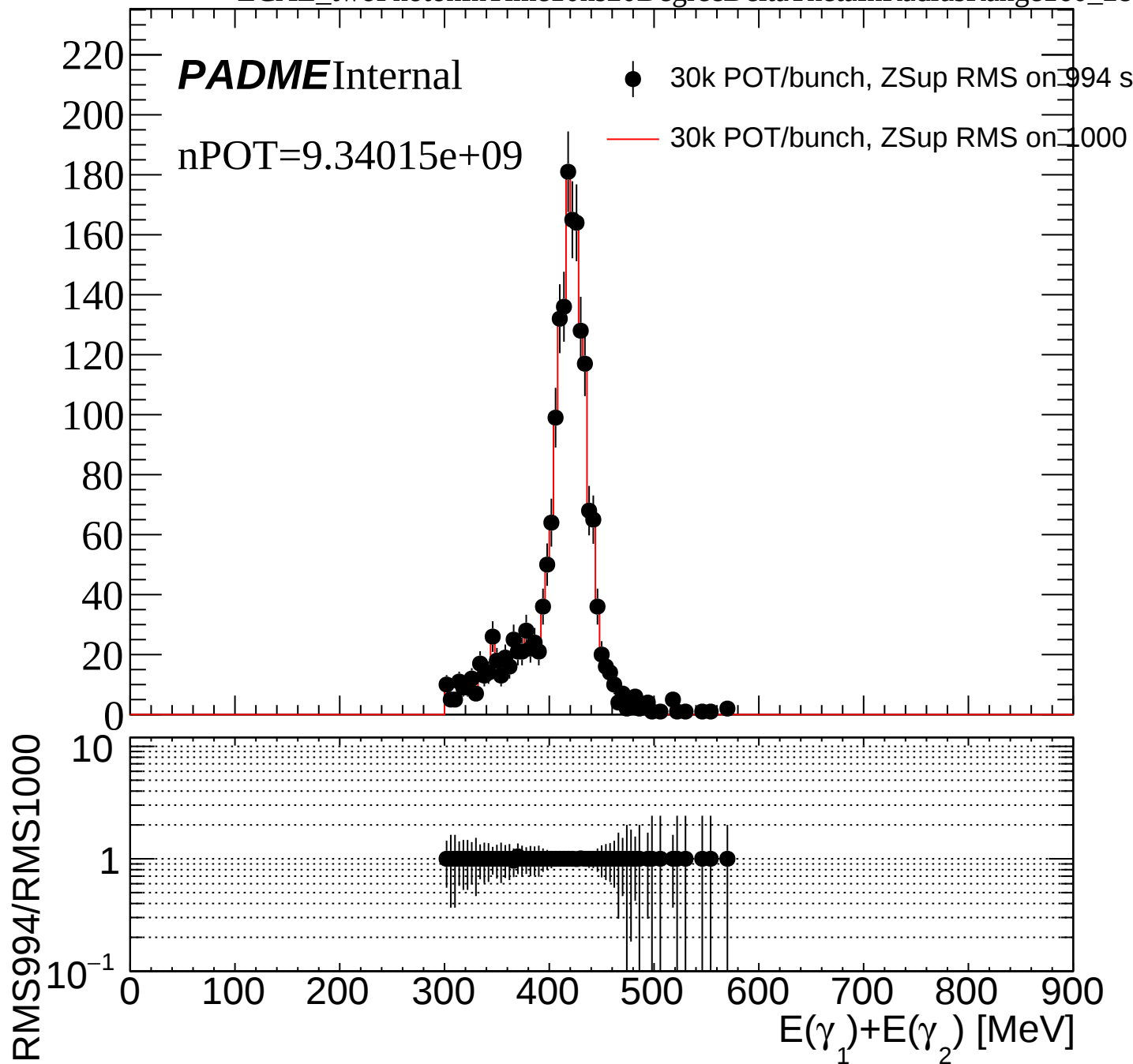












ECAL_twoPhotonInTime10ns1cmInRadiusRange70_280

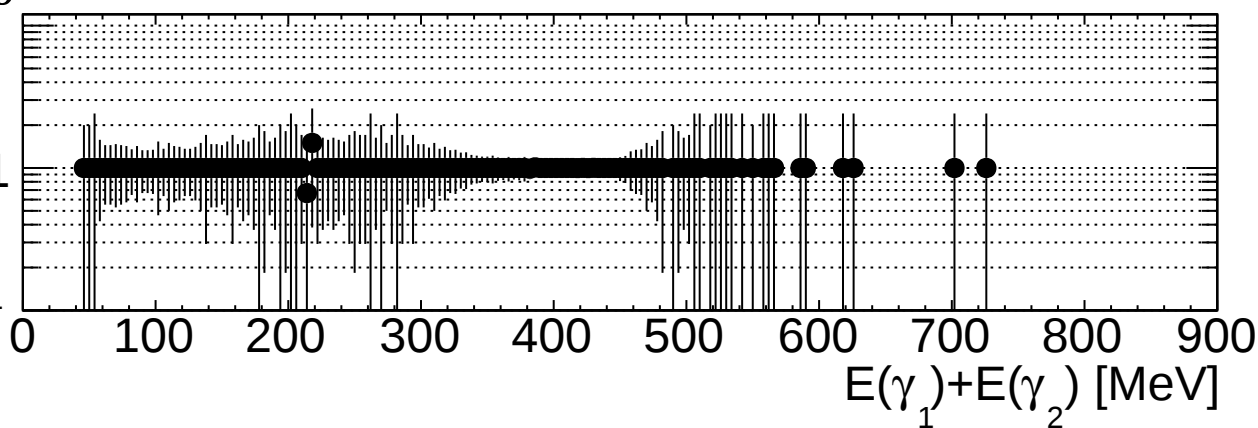
PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

RMS994/RMS1000



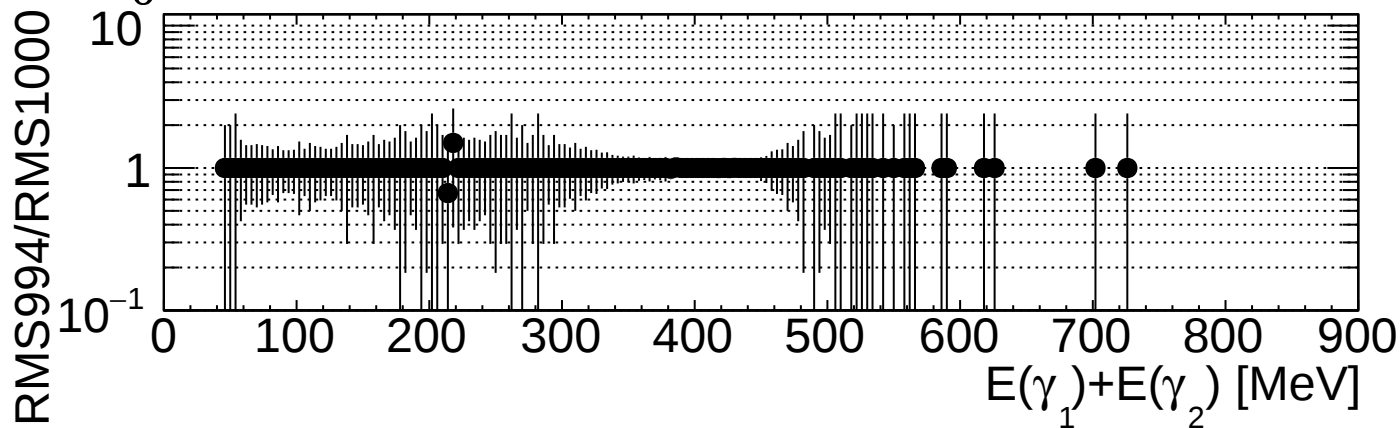
ECAL_twoPhotonInTime10ns1cmInRadiusRange90_280

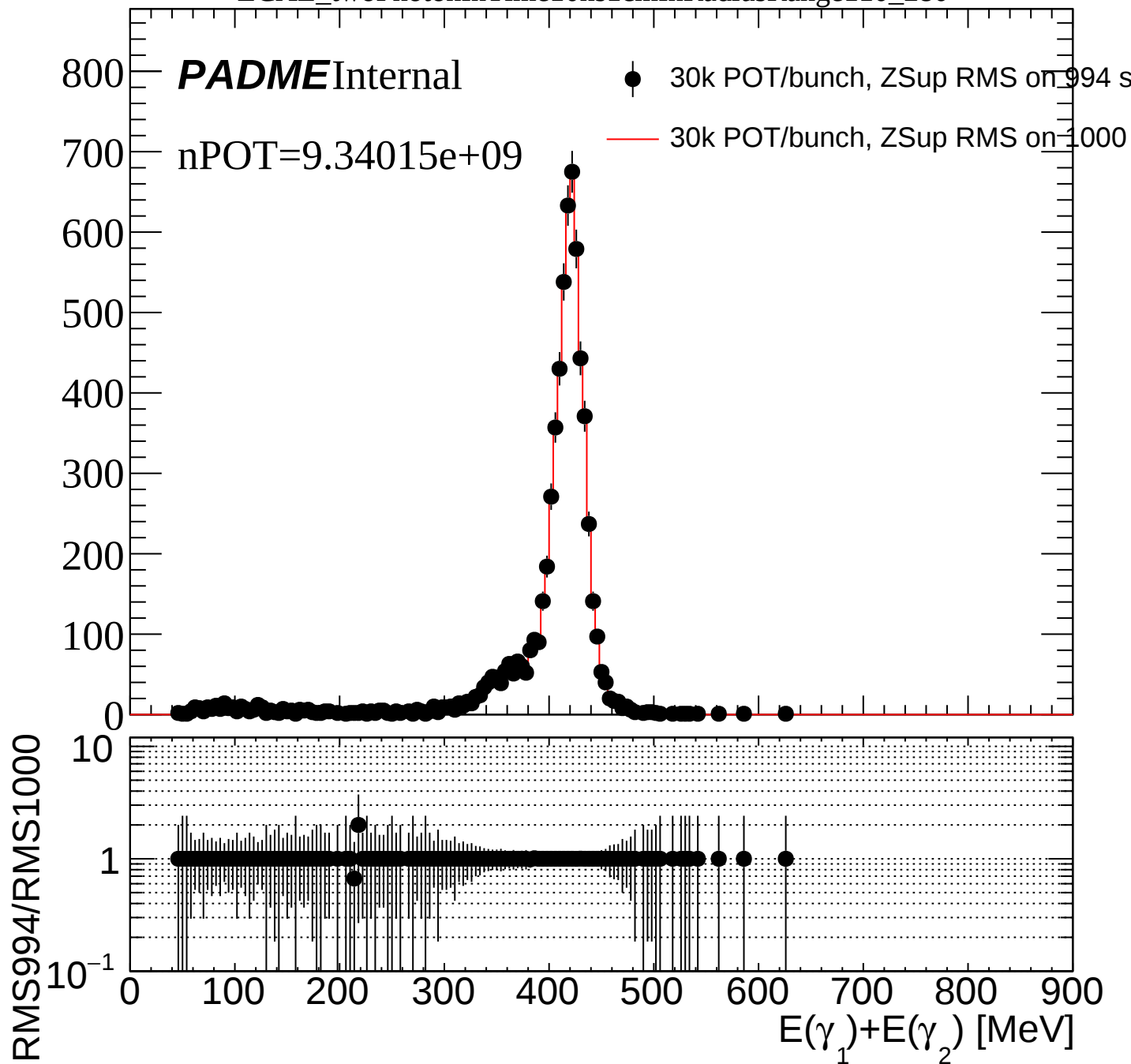
PADME Internal

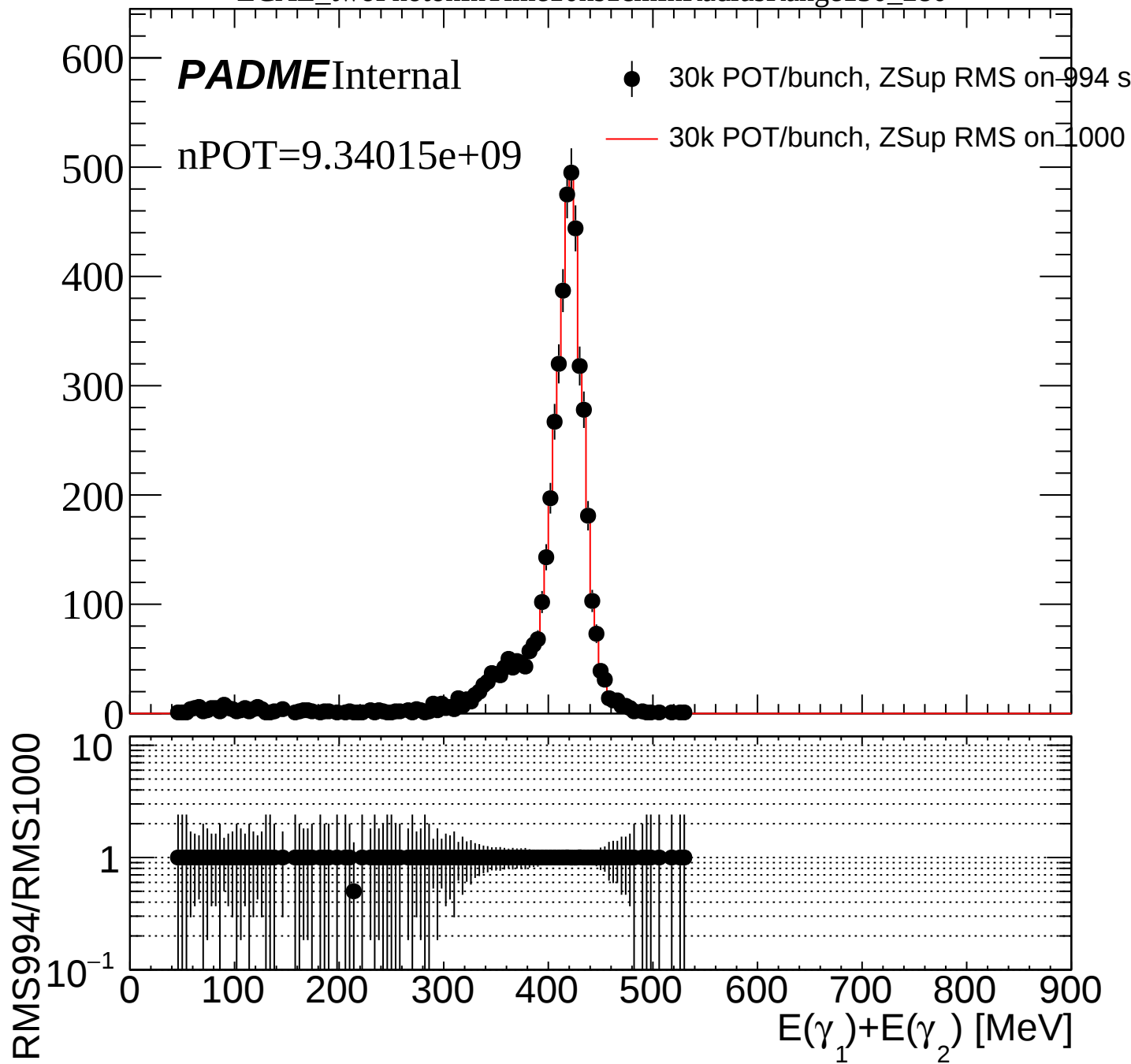
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

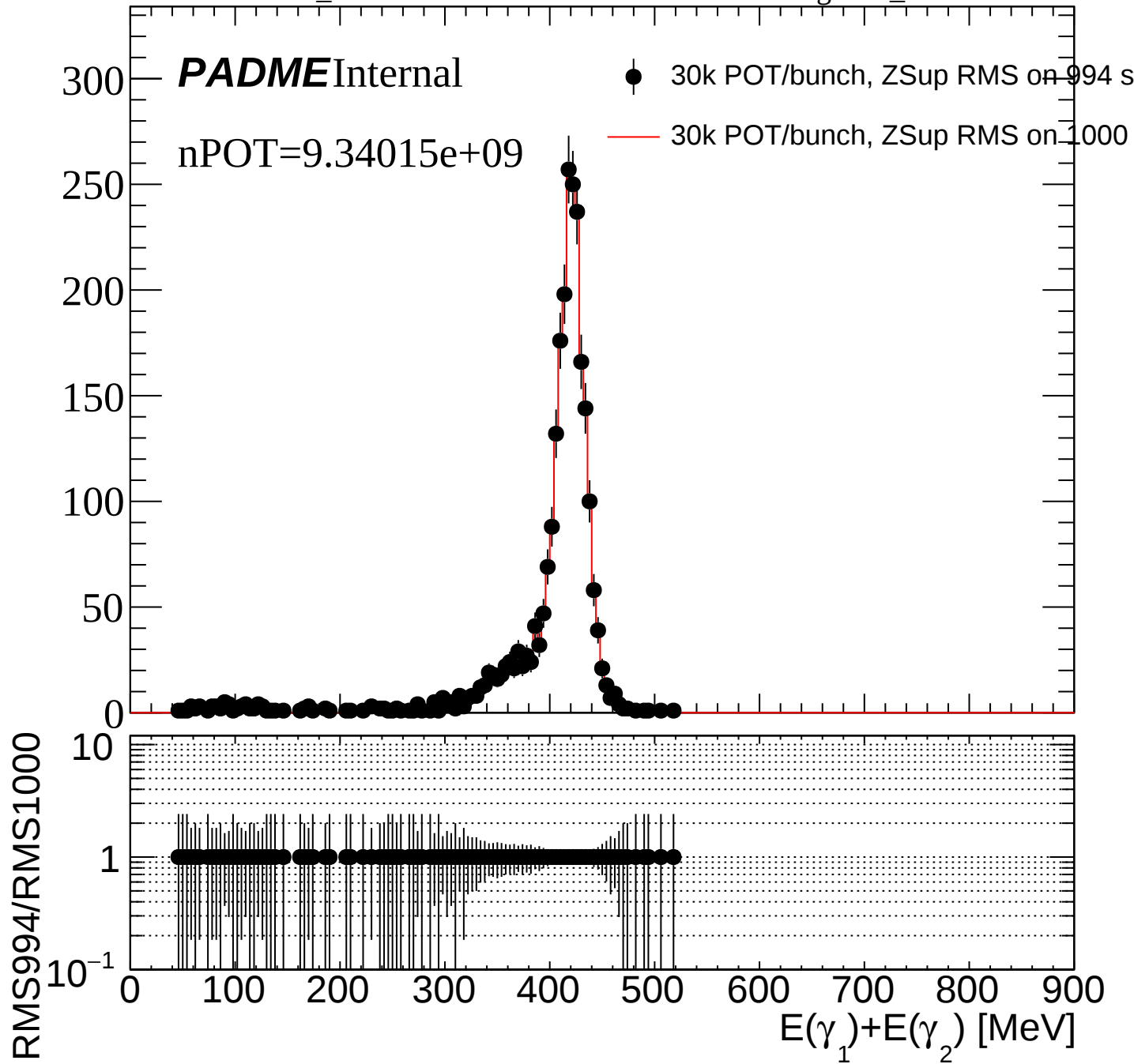
— 30k POT/bunch, ZSup RMS on 1000







ECAL_twoPhotonInTime10ns1cmInRadiusRange150_280



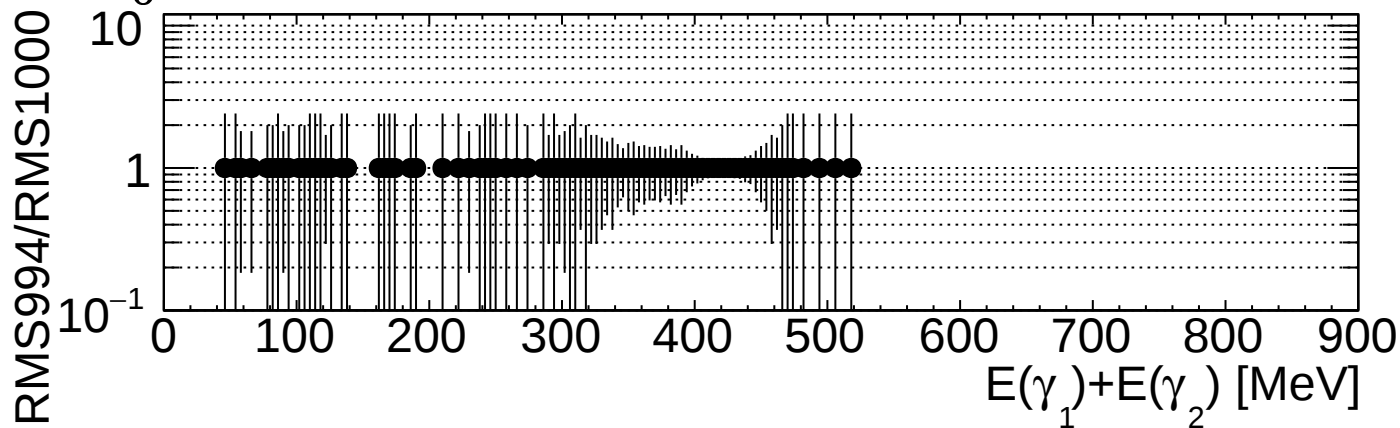
ECAL_twoPhotonInTime10ns1cmInRadiusRange160_280

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_twoPhotonInTime10ns1cmInRadiusRange70_280

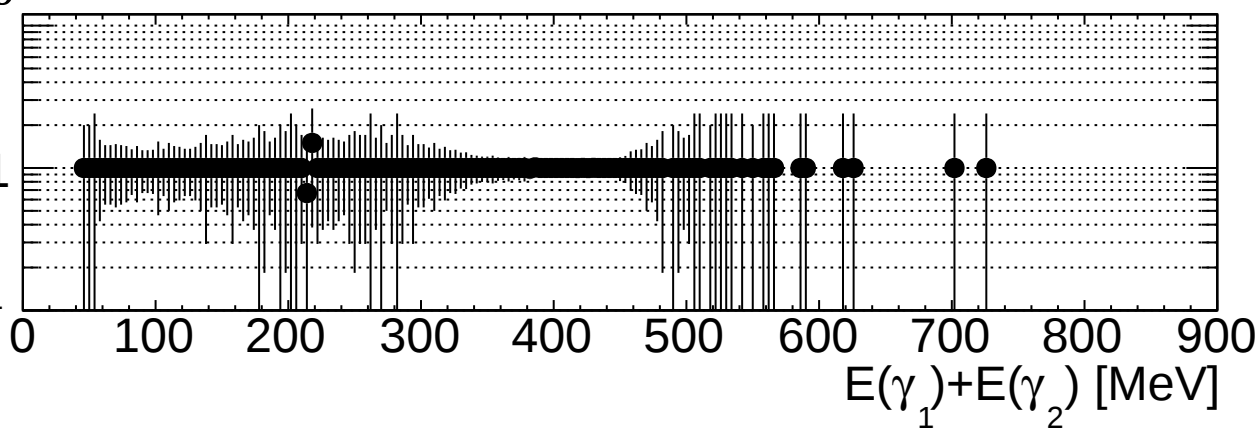
PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

RMS994/RMS1000



ECAL_twoPhotonInTime10ns1cmInRadiusRange90_280

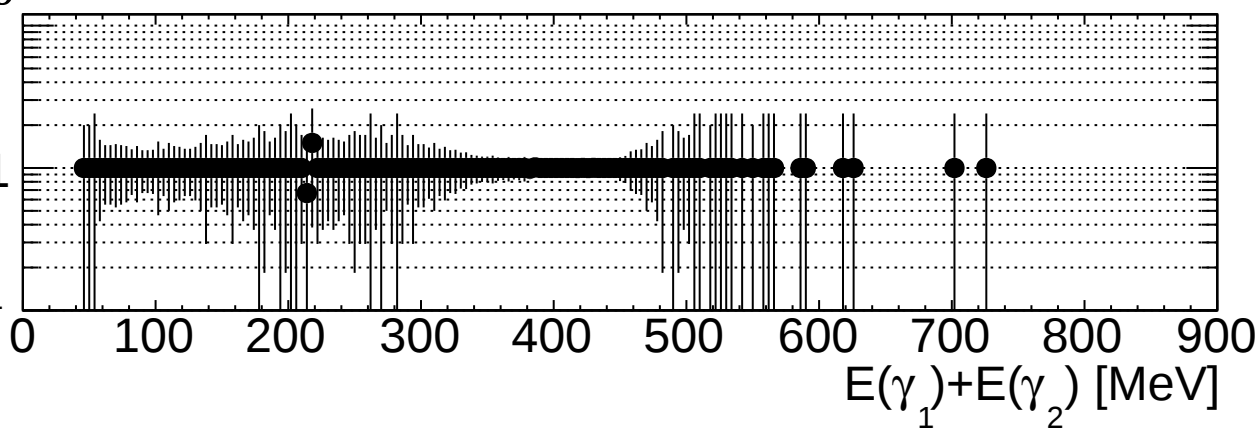
PADME Internal

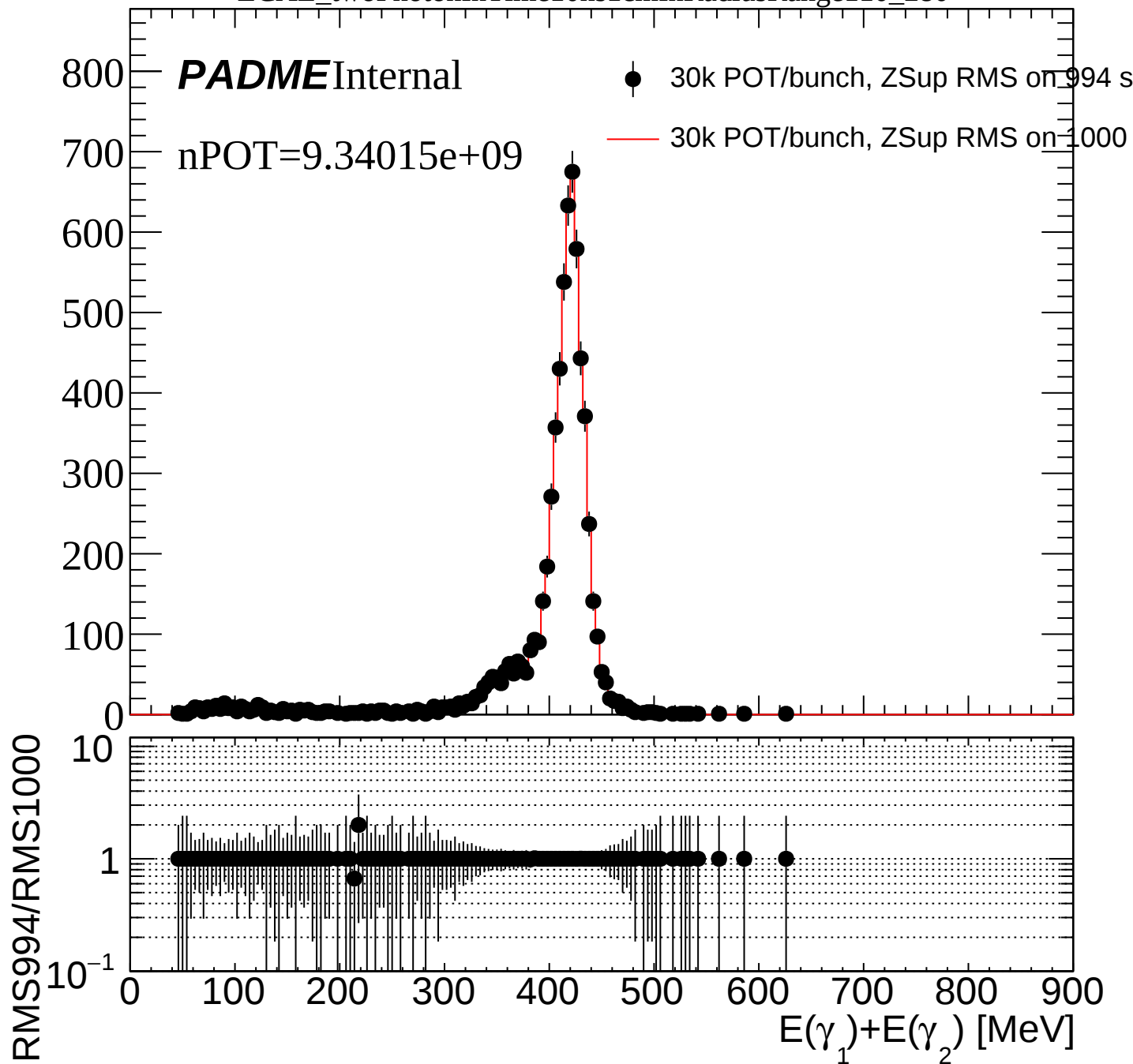
nPOT=9.34015e+09

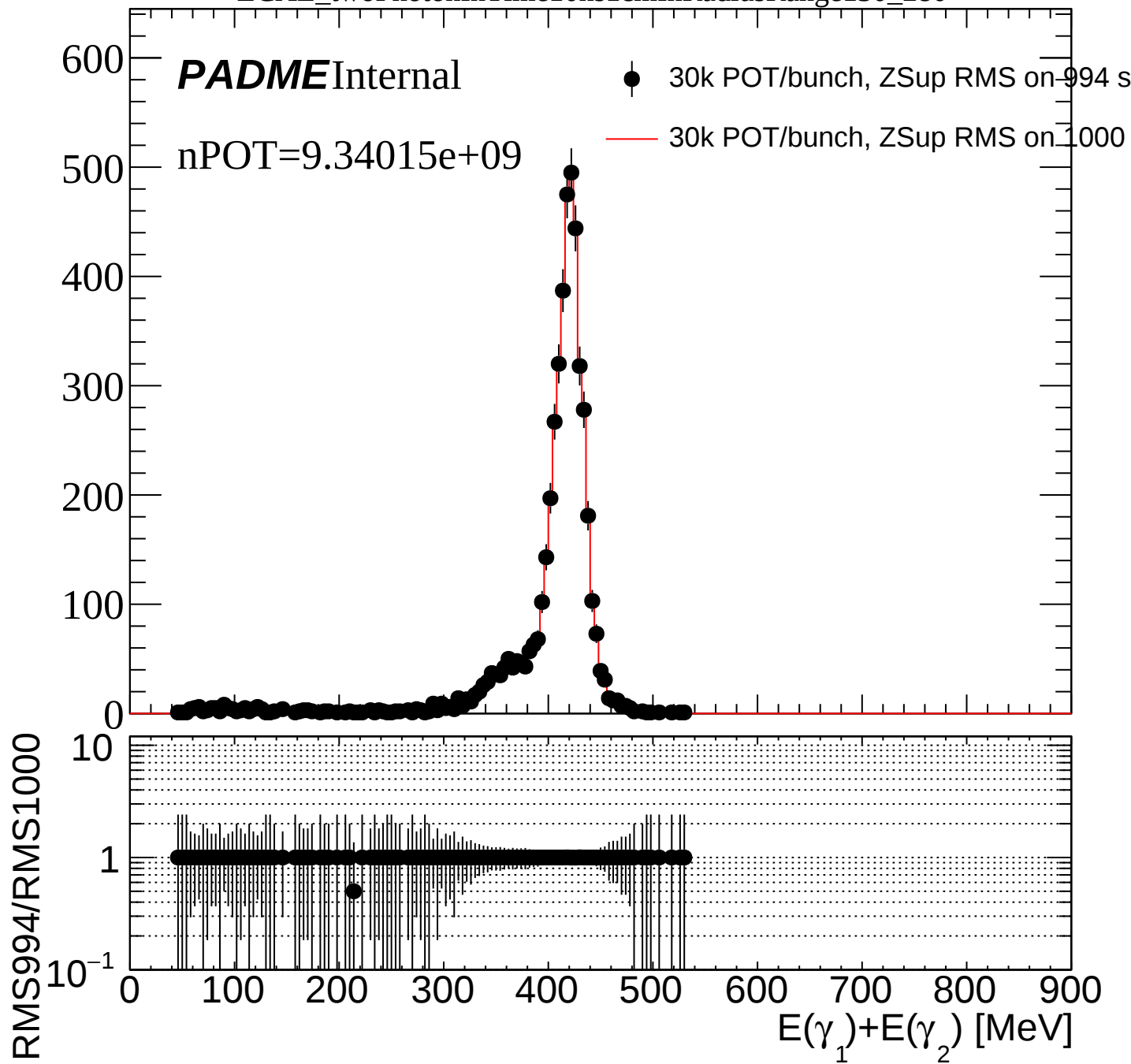
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

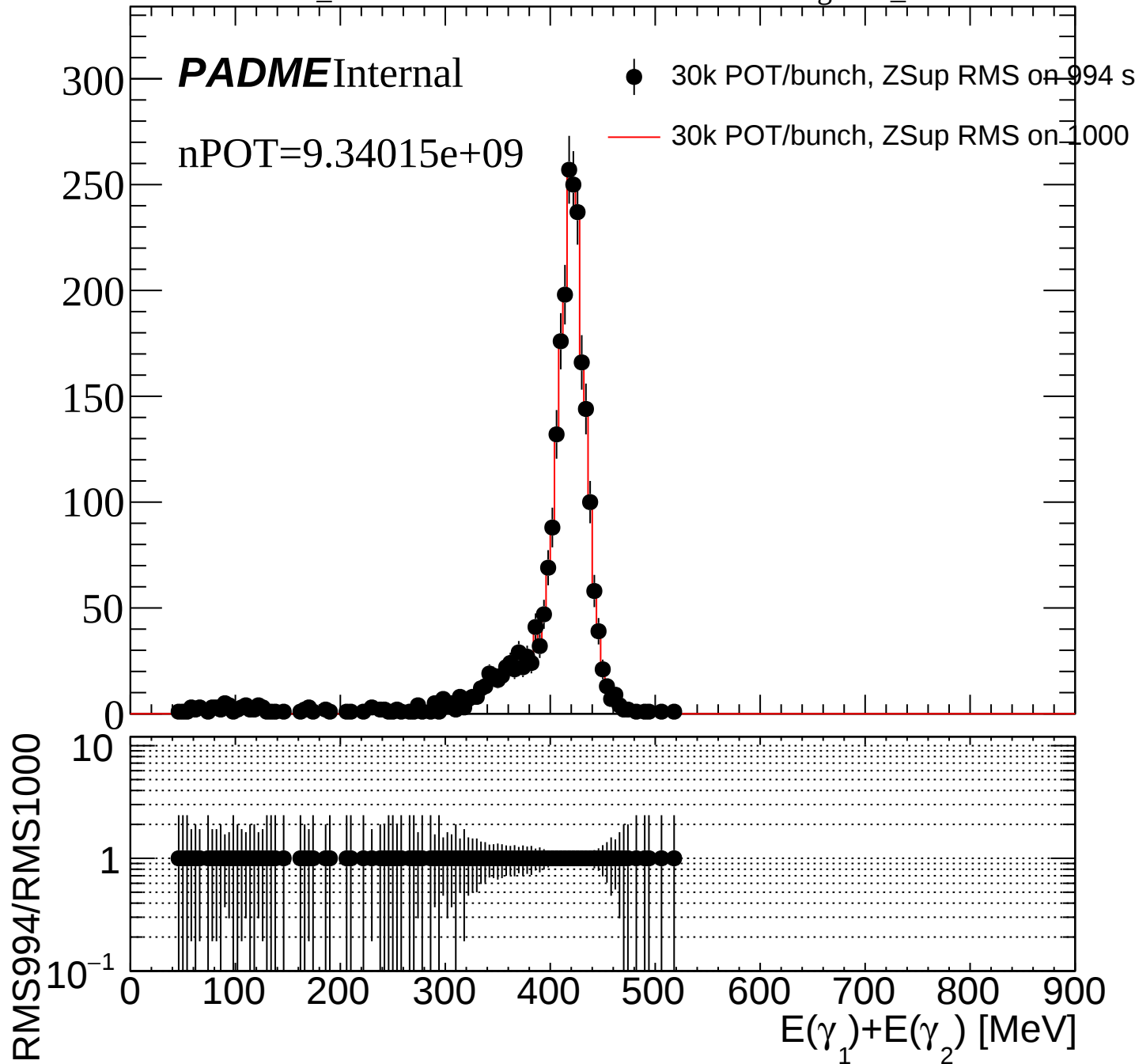
RMS994/RMS1000







ECAL_twoPhotonInTime10ns1cmInRadiusRange150_280



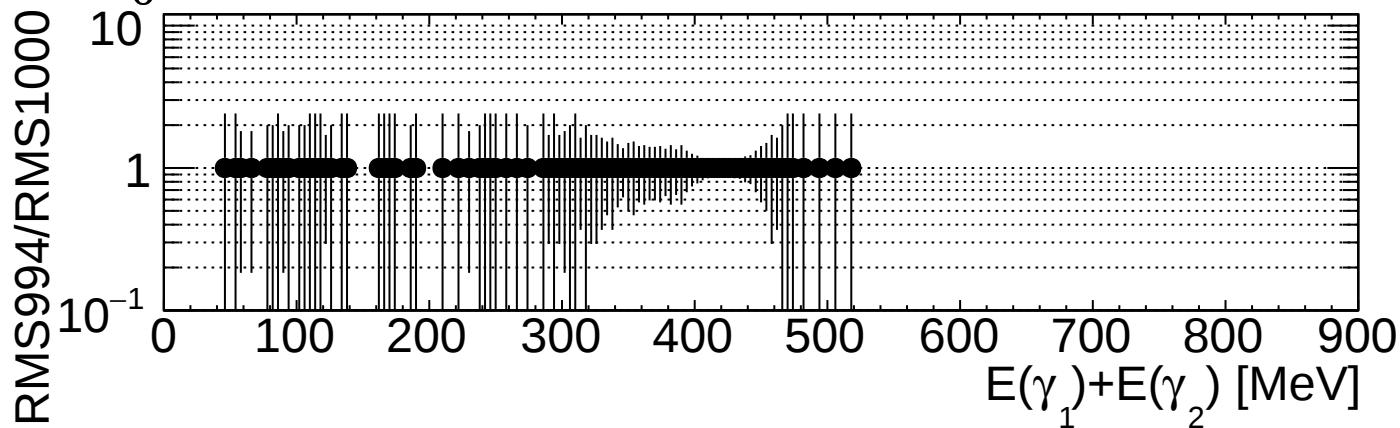
ECAL_twoPhotonInTime10ns1cmInRadiusRange160_280

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



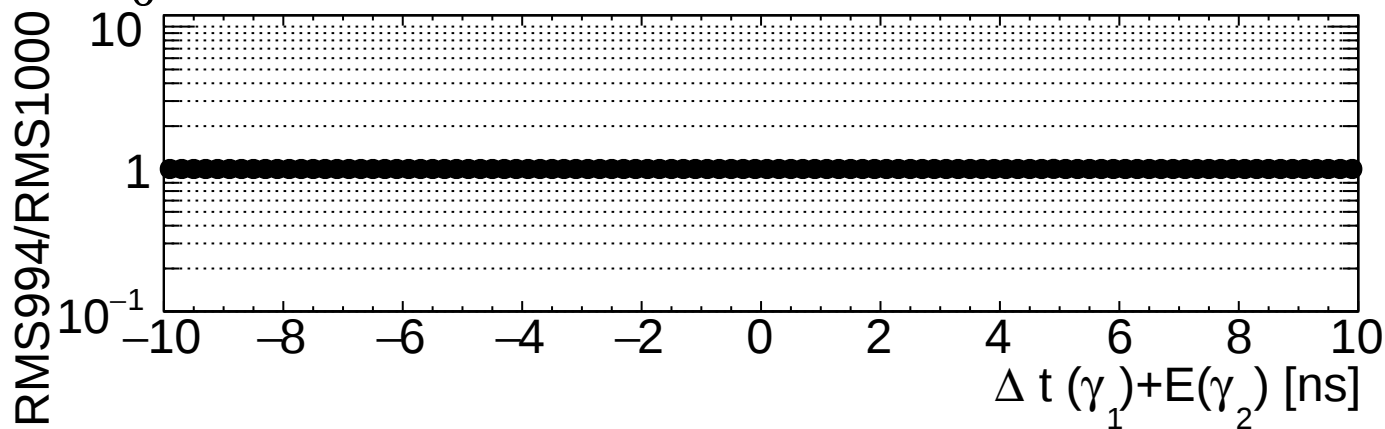
ECAL_dTime_10ns

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



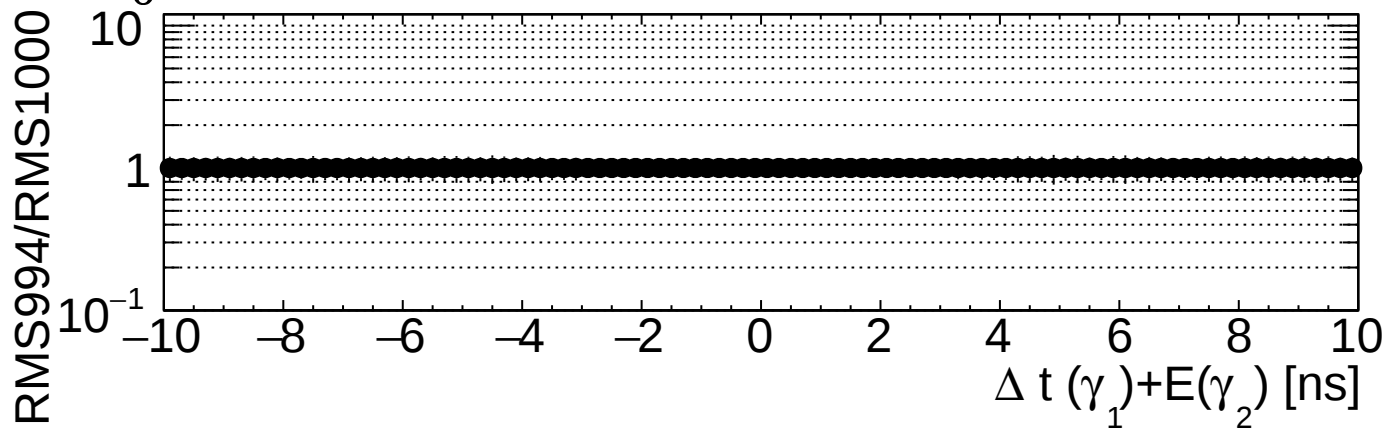
ECAL_dTime_10ns_UnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



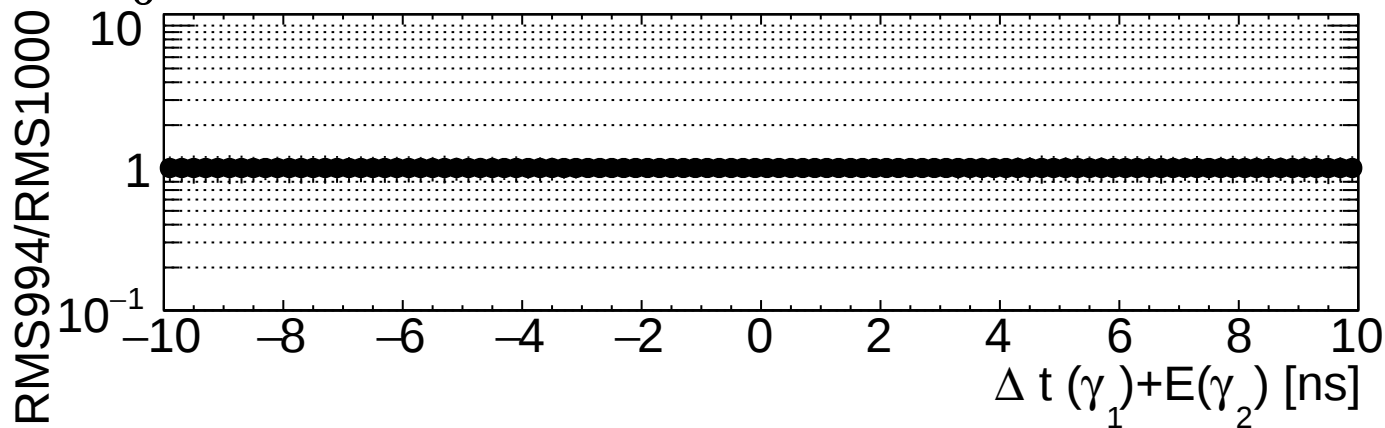
ECAL_dTime_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



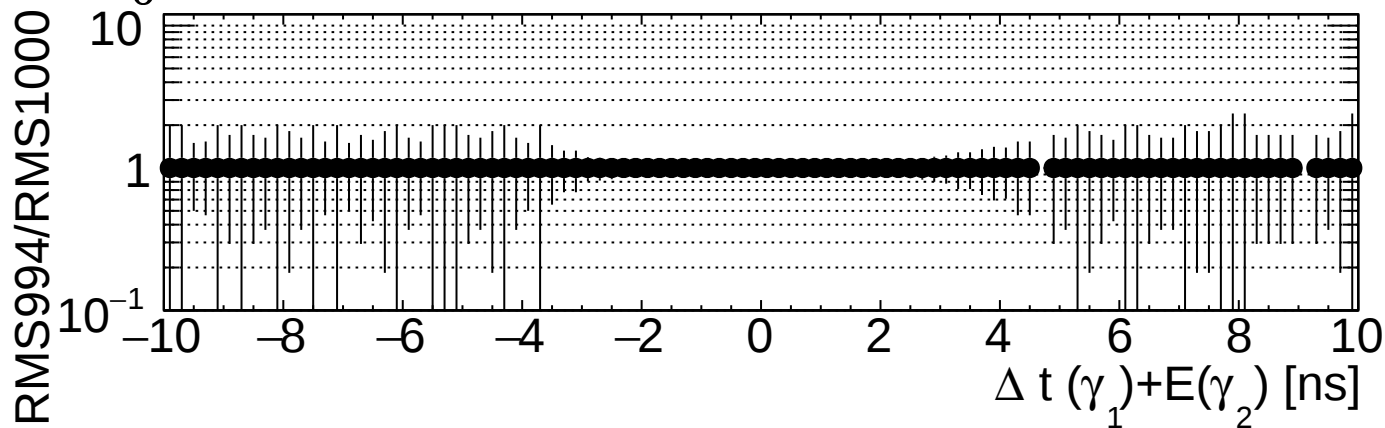
ECAL_dTime_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



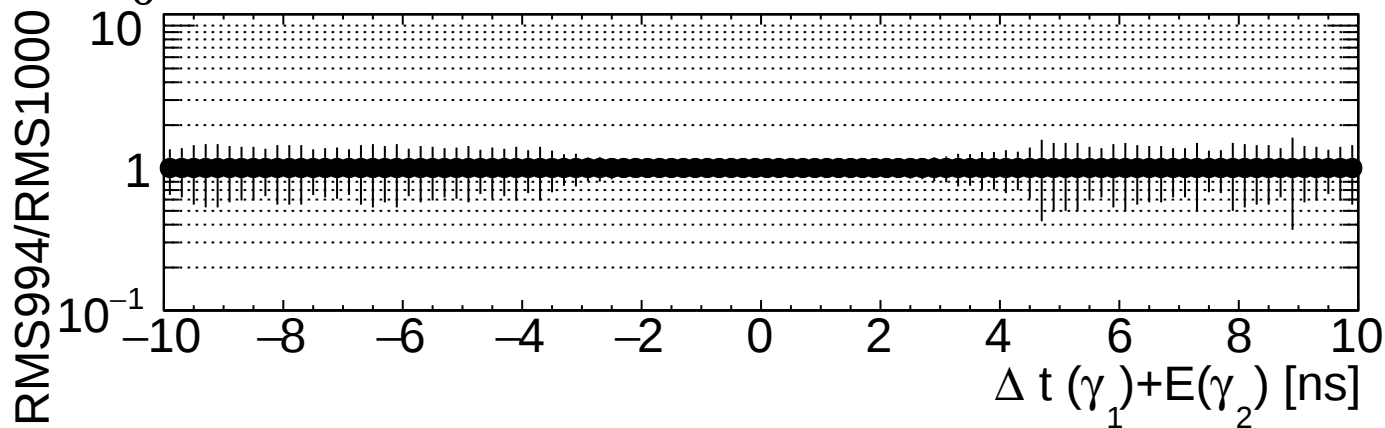
ECAL_dTime_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



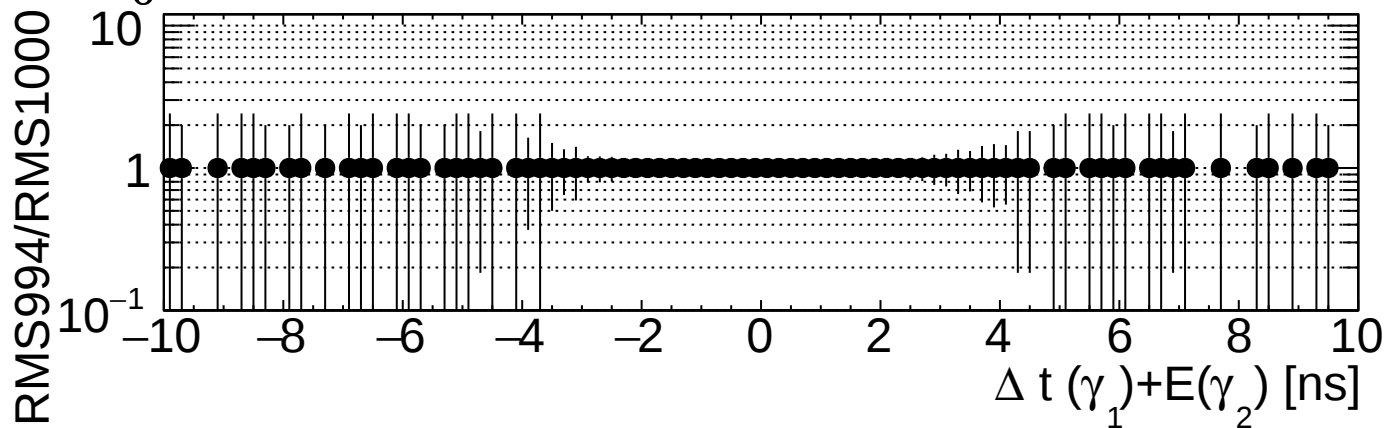
ECAL_dTime_10ns5DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



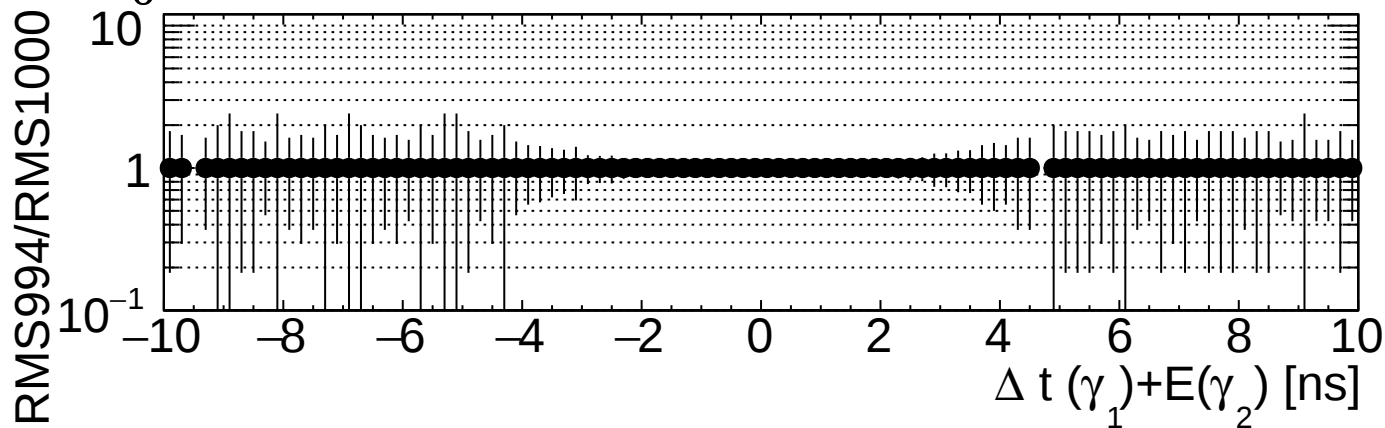
ECAL_dTime_10ns1CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_dTime_10ns1CoGUnderPeakEThr90

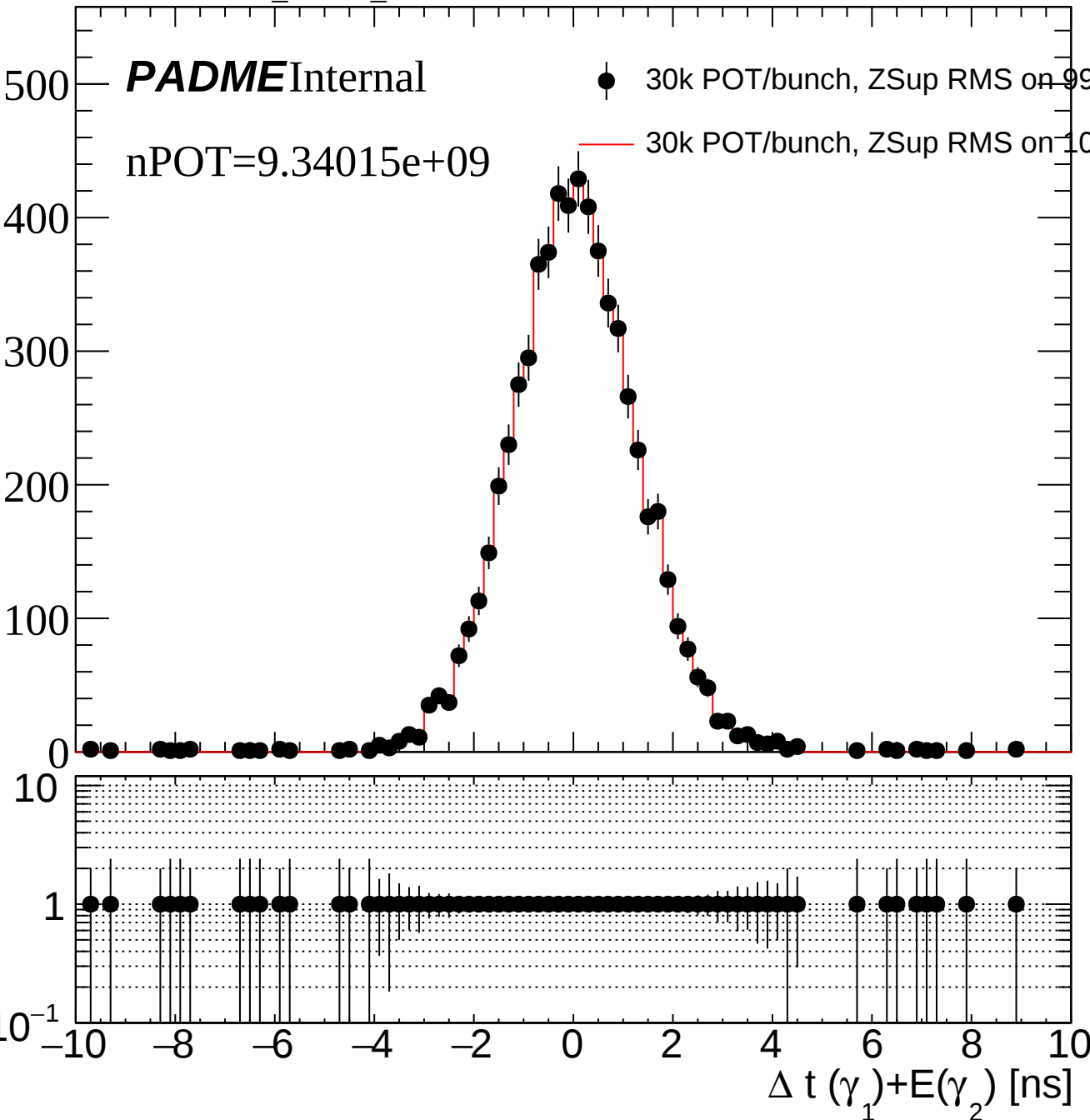
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

RMS994/RMS1000



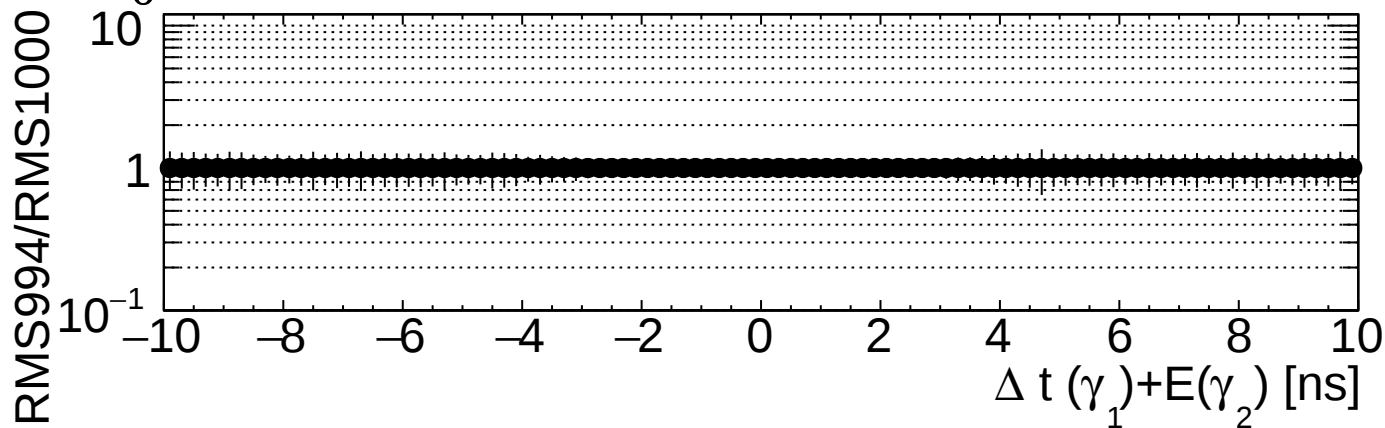
ECAL_dTime_10ns3CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



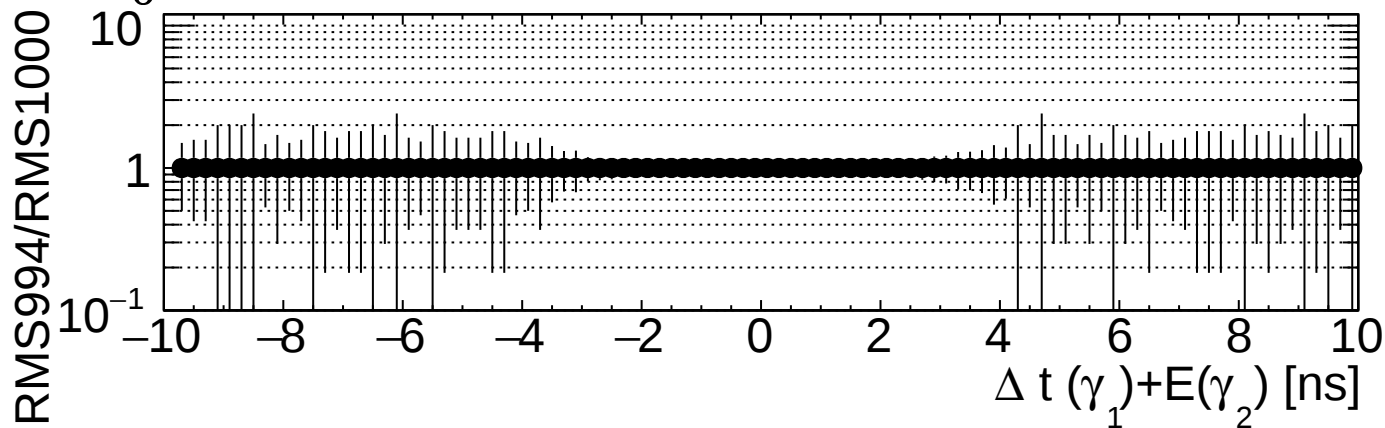
ECAL_dTime_10ns3CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



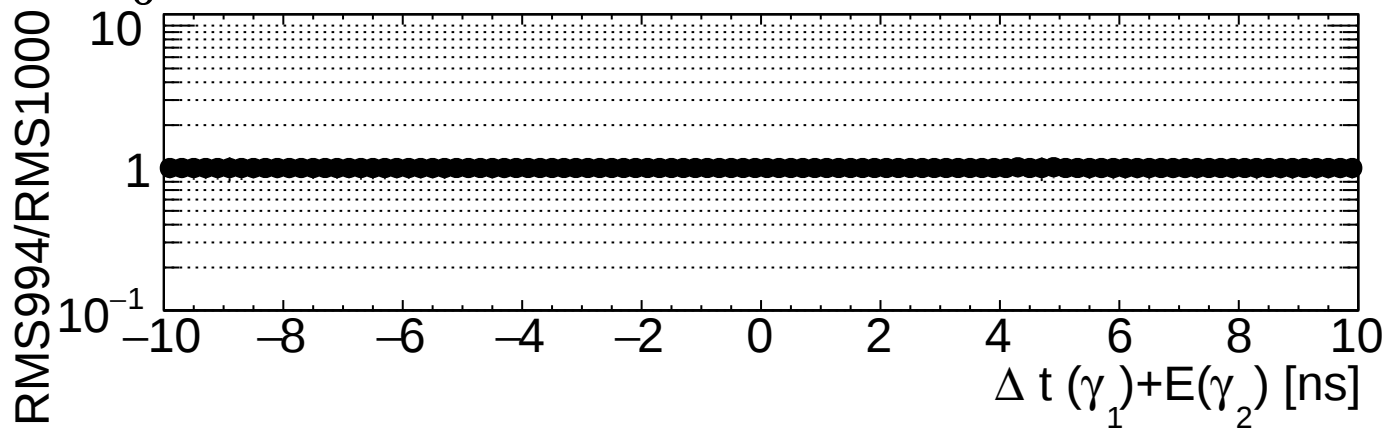
ECAL_dTime_10ns5CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



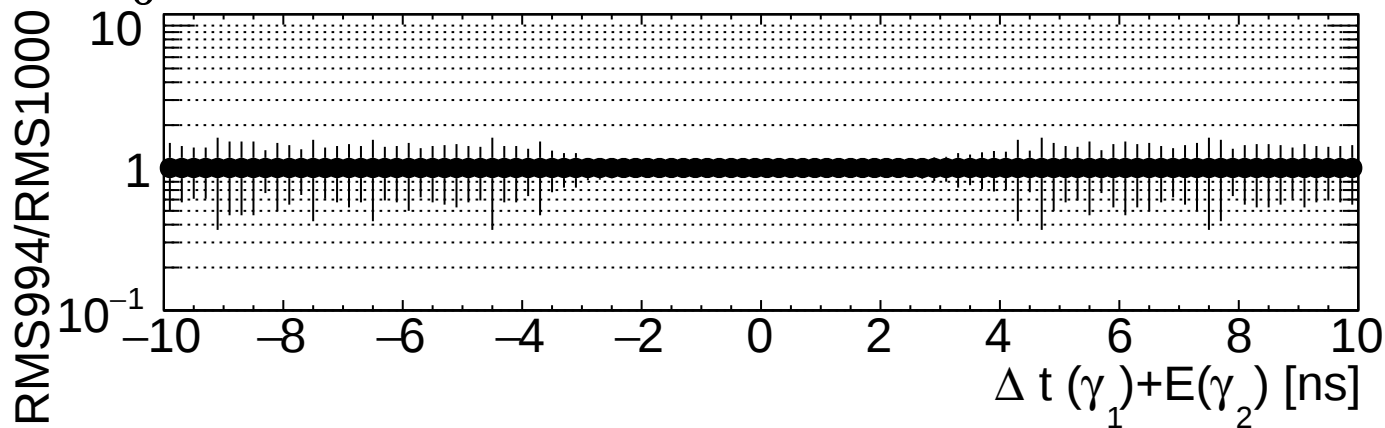
ECAL_dTime_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



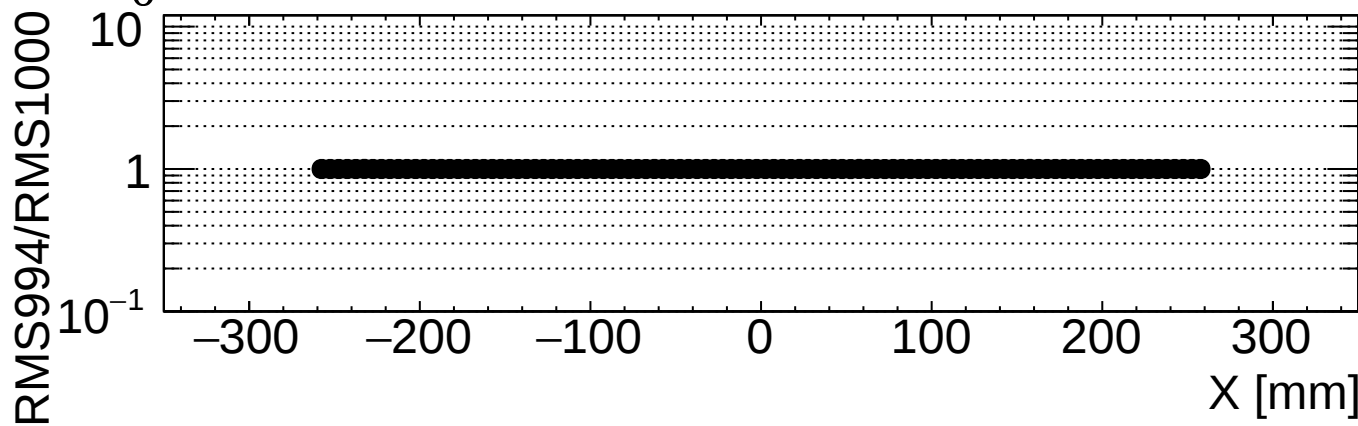
ECAL_Xgg_10ns

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



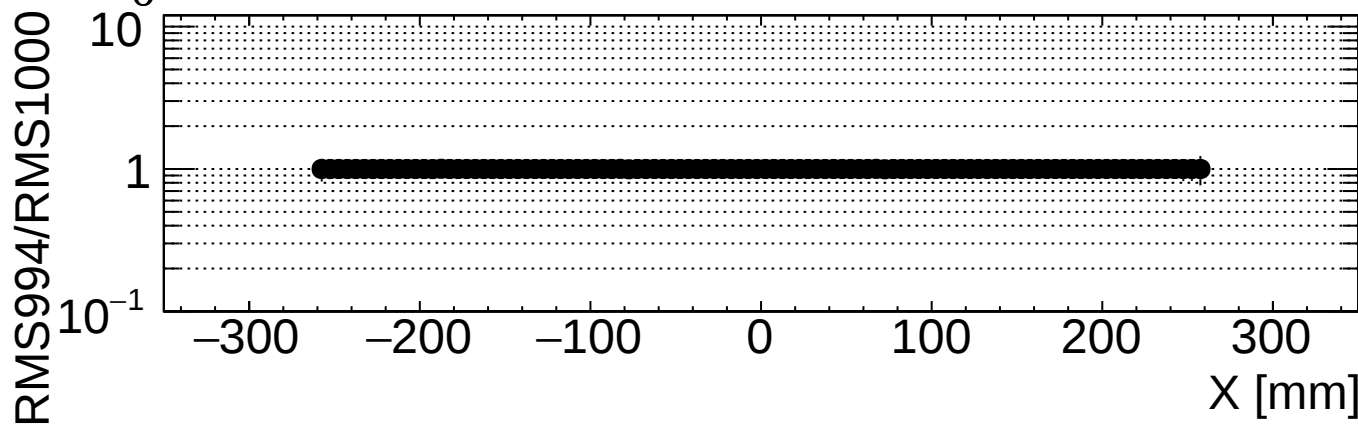
ECAL_Xgg_10ns20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



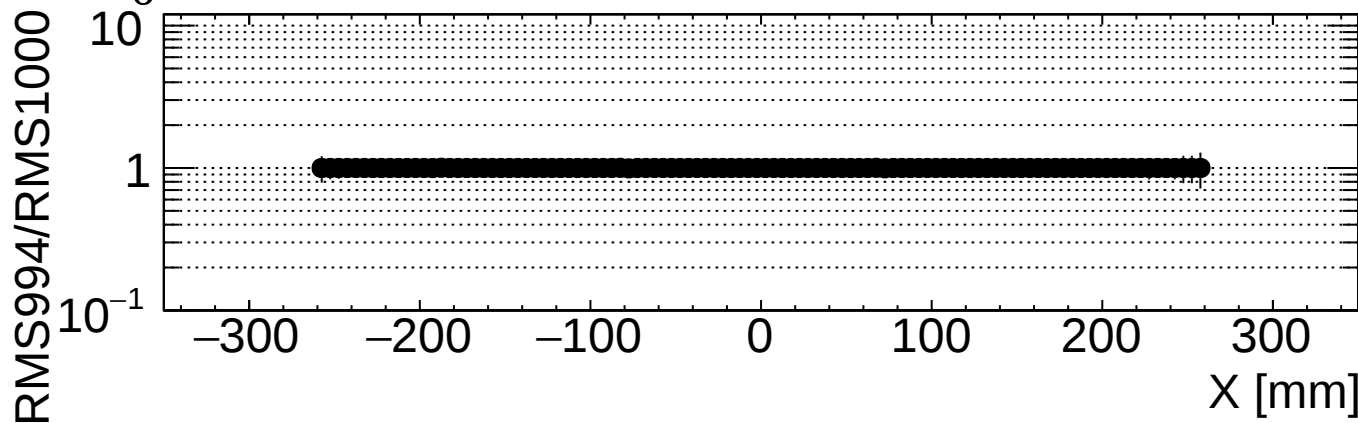
ECAL_Xgg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



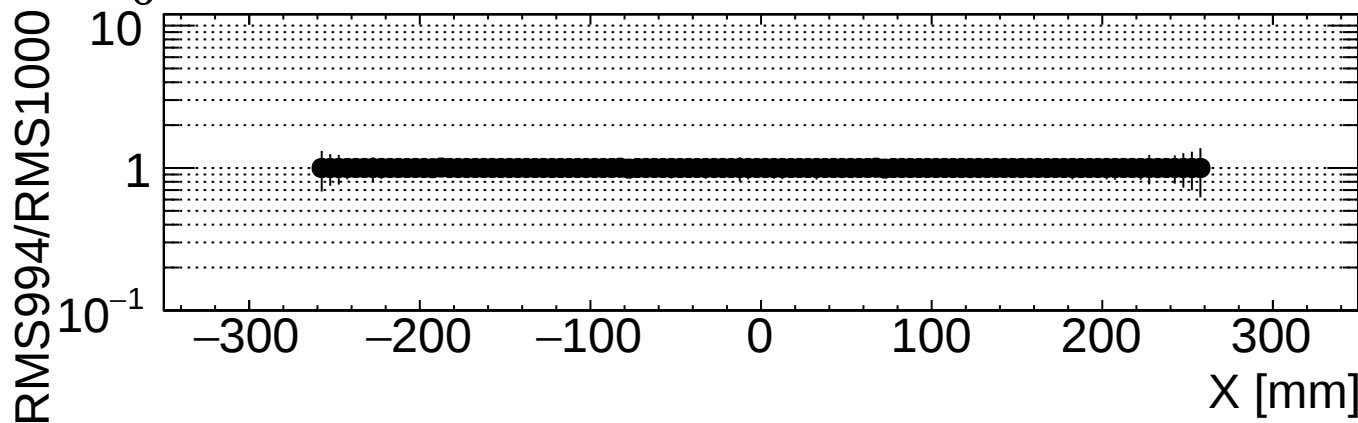
ECAL_Xgg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



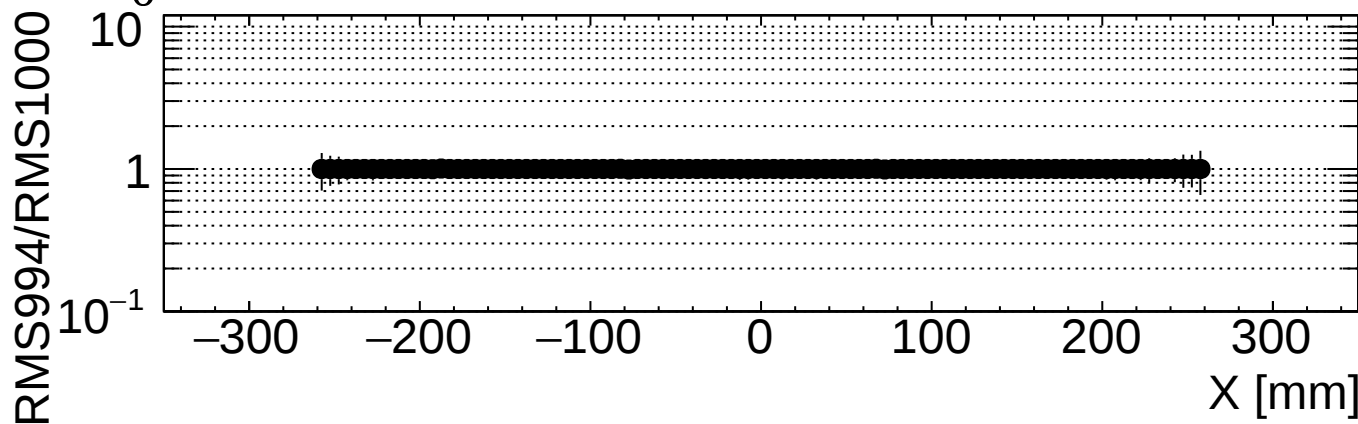
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeak

PADMEInternal

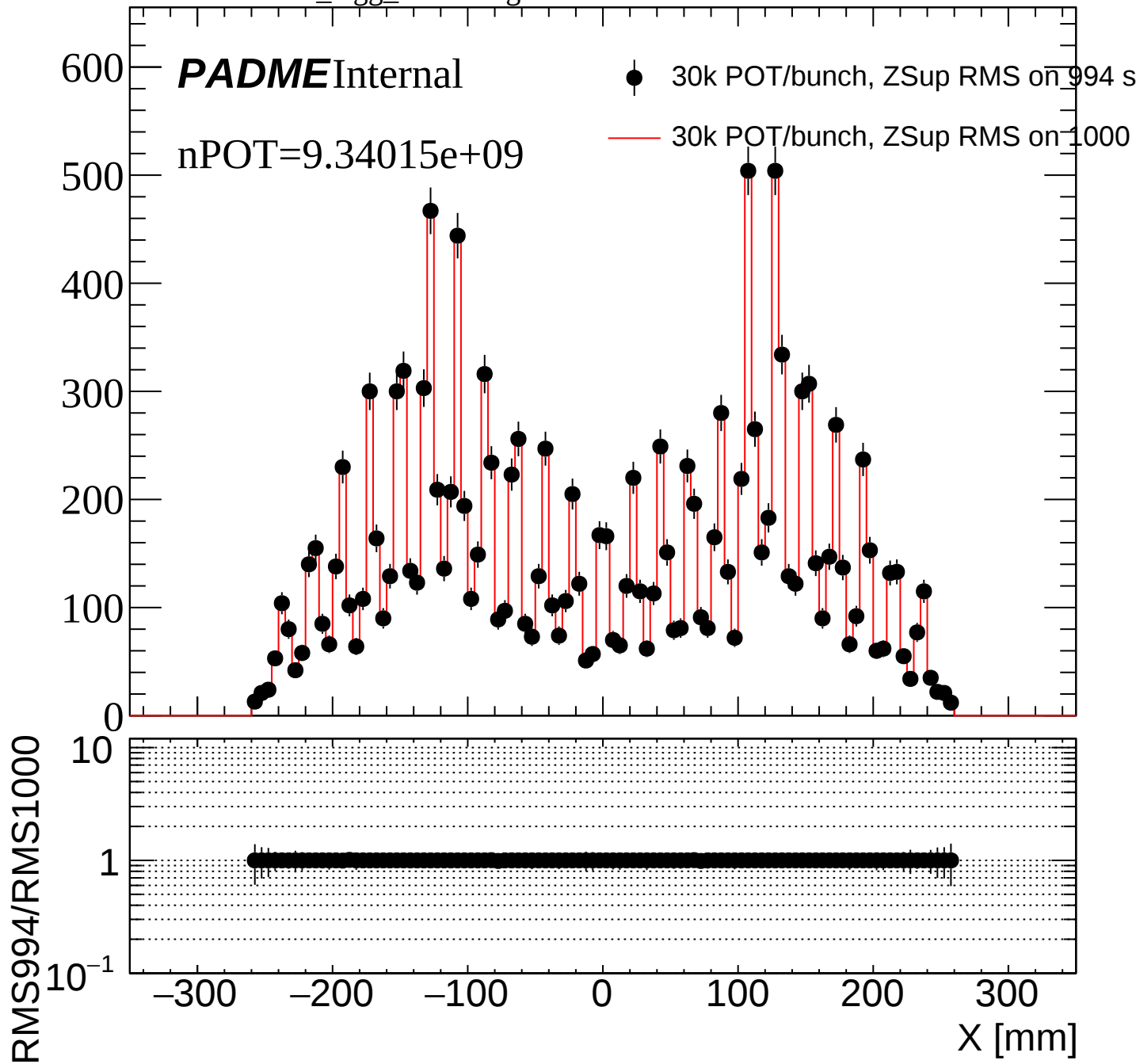
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeak



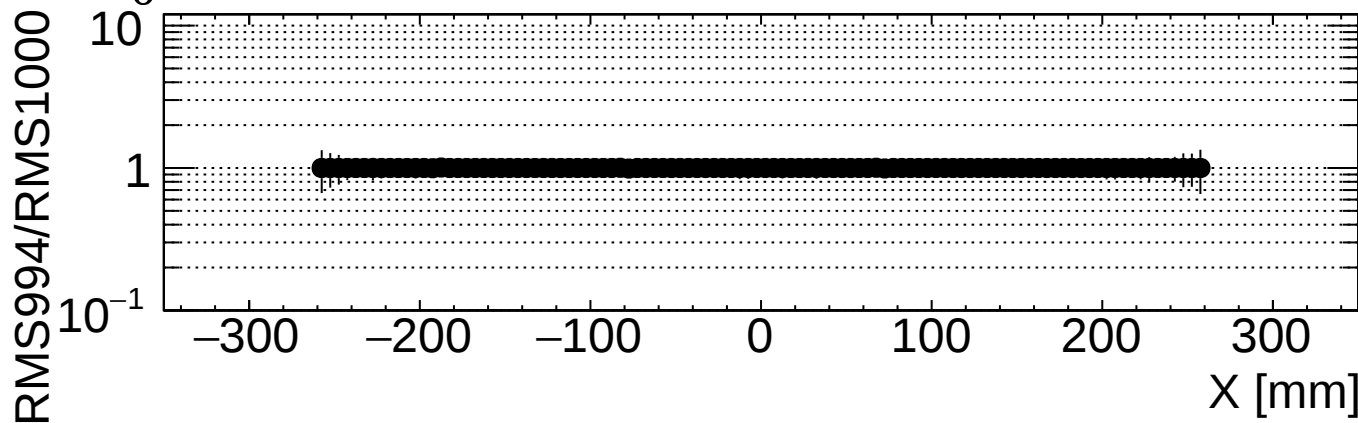
ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Xgg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY

PADMEInternal

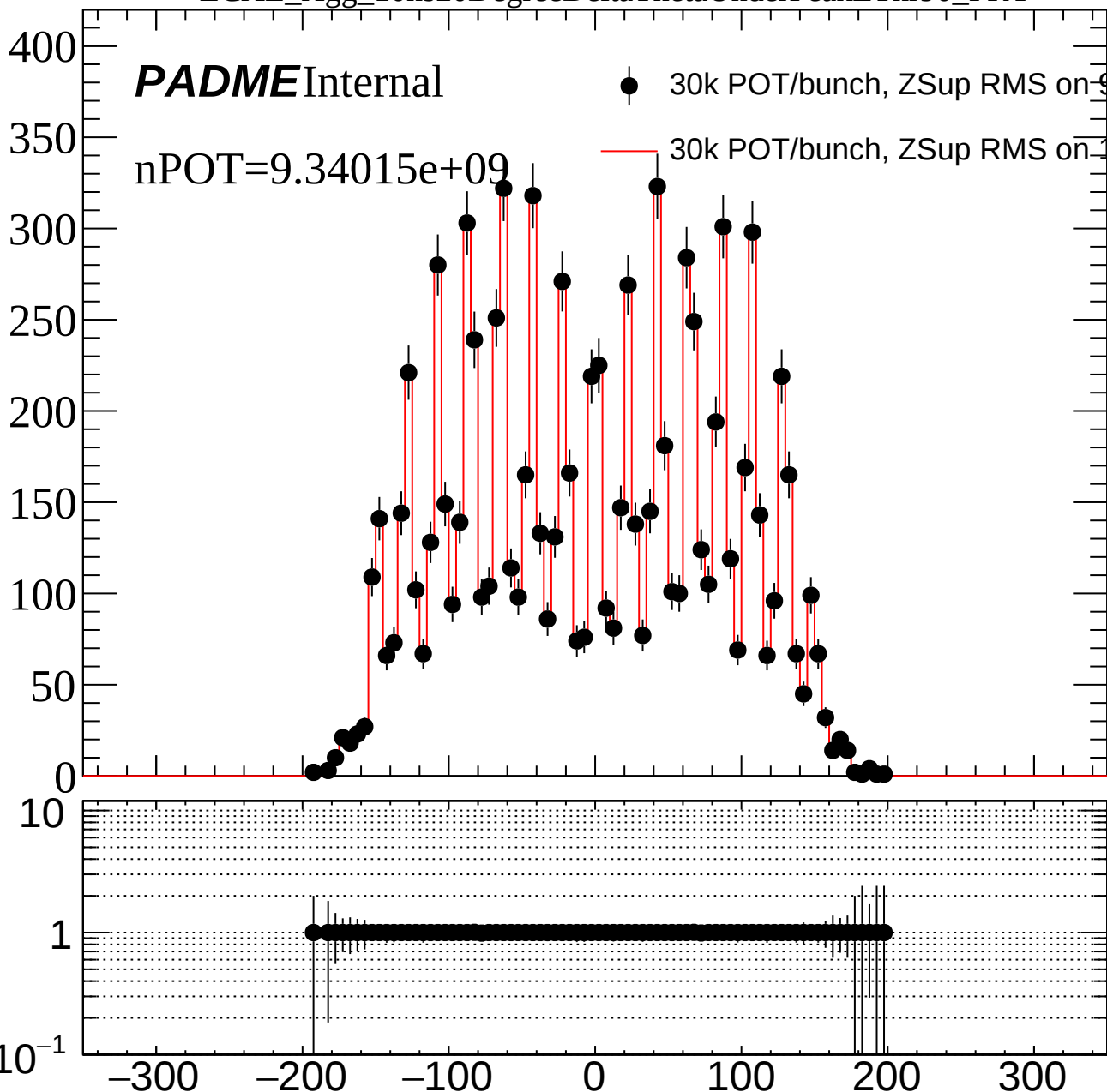
nPOT=9.34015e+09

30k POT/bunch, ZSup RMS on 994 s

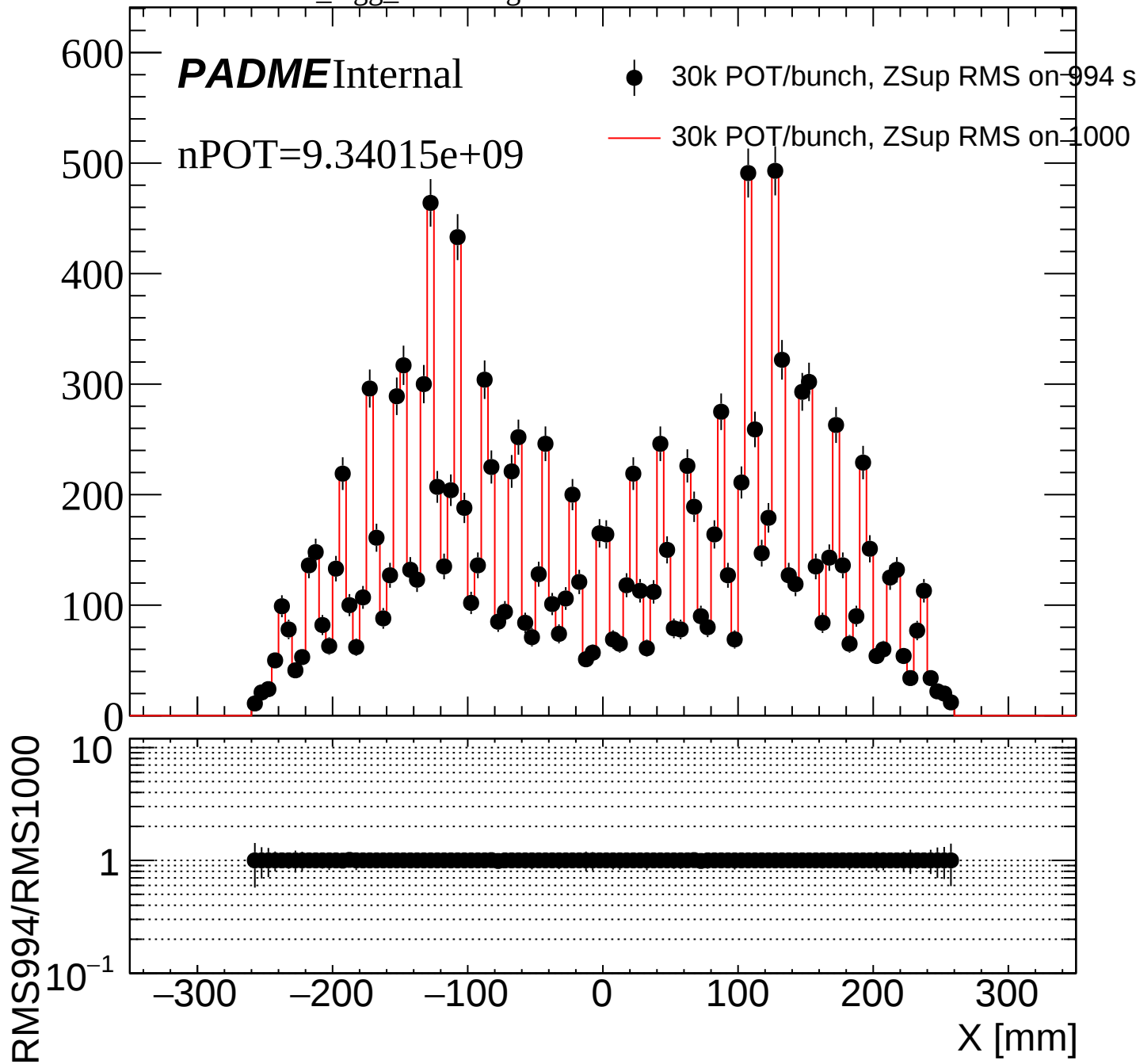
30k POT/bunch, ZSup RMS on 1000

RMS994/RMS1000

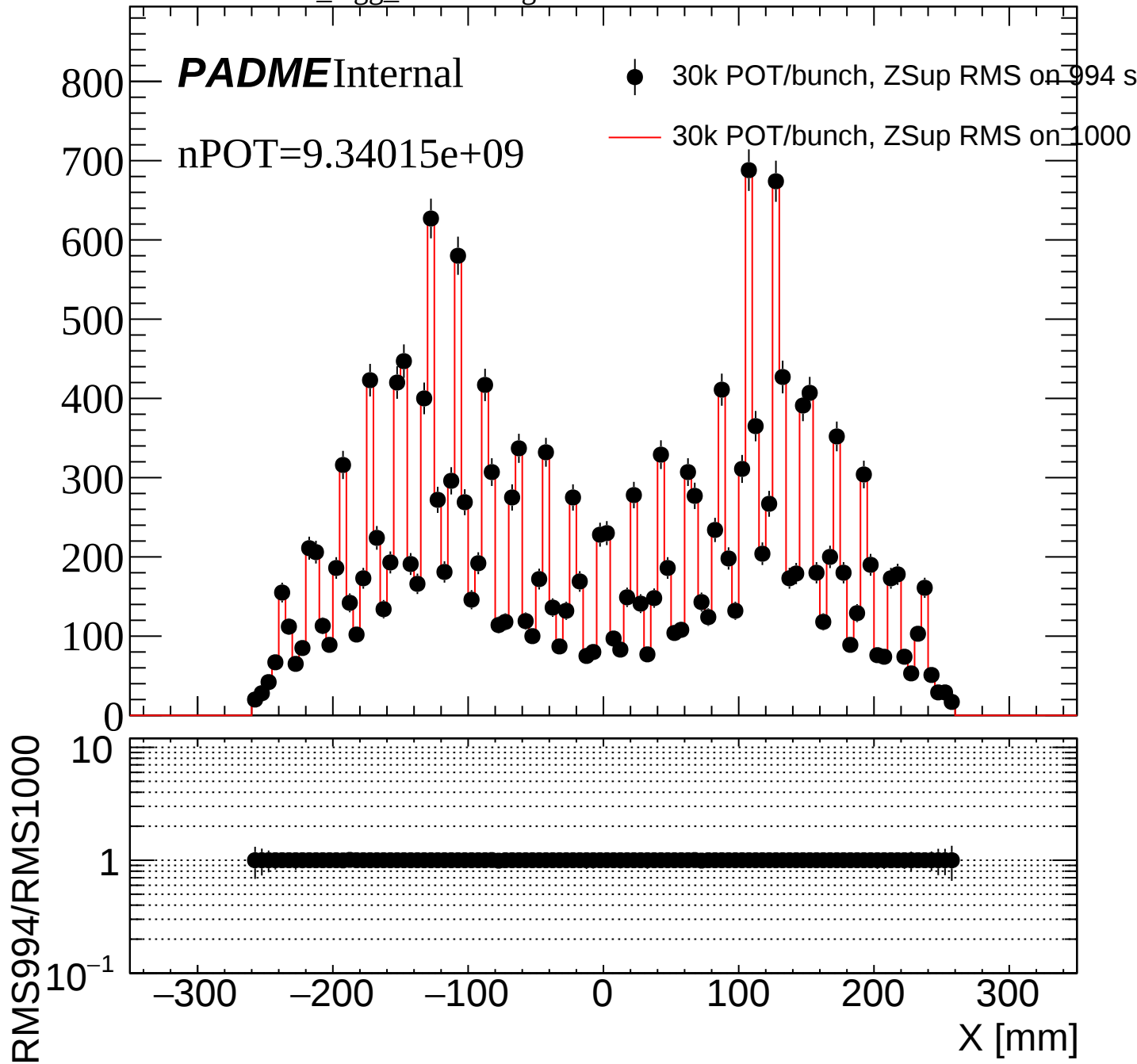
X [mm]



ECAL_Xgg_10ns5DegreeDeltaThetaUnderPeakEThr90



ECAL_Xgg_10ns20DegreeDeltaThetaEThr90



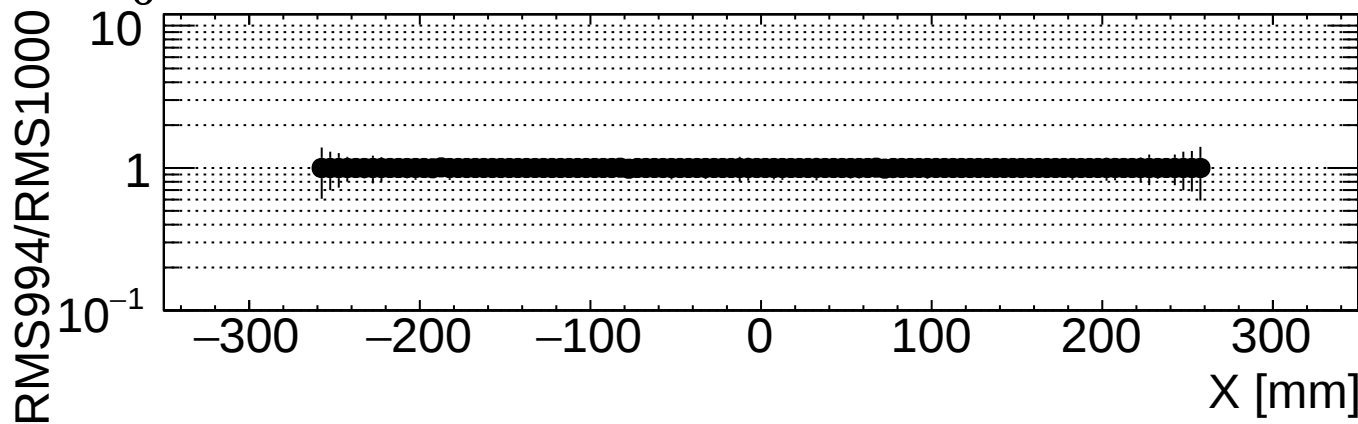
ECAL_Xgg_10ns5DegreeDeltaThetaEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



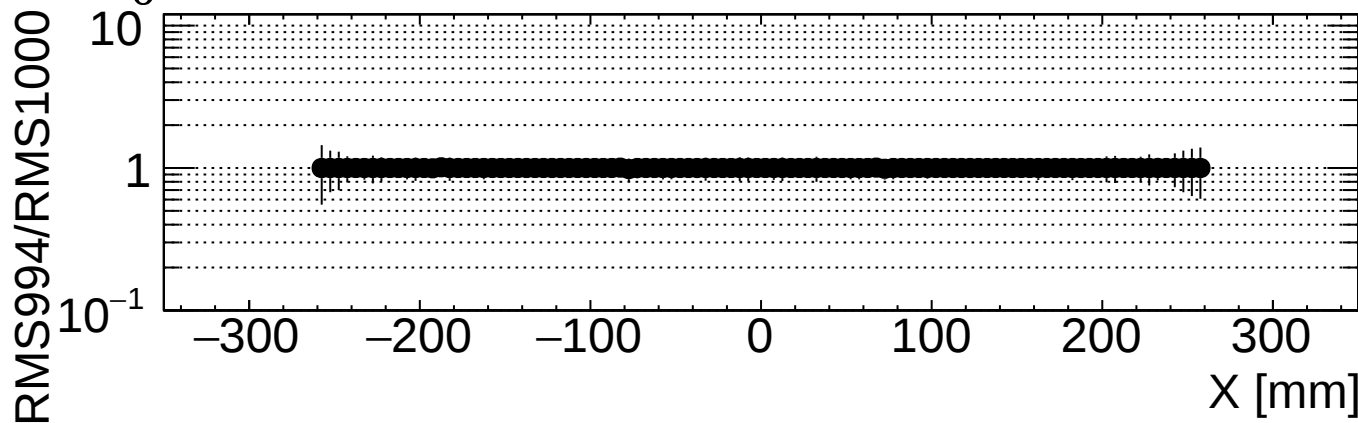
ECAL_Xgg_10ns1CoG

PADMEInternal

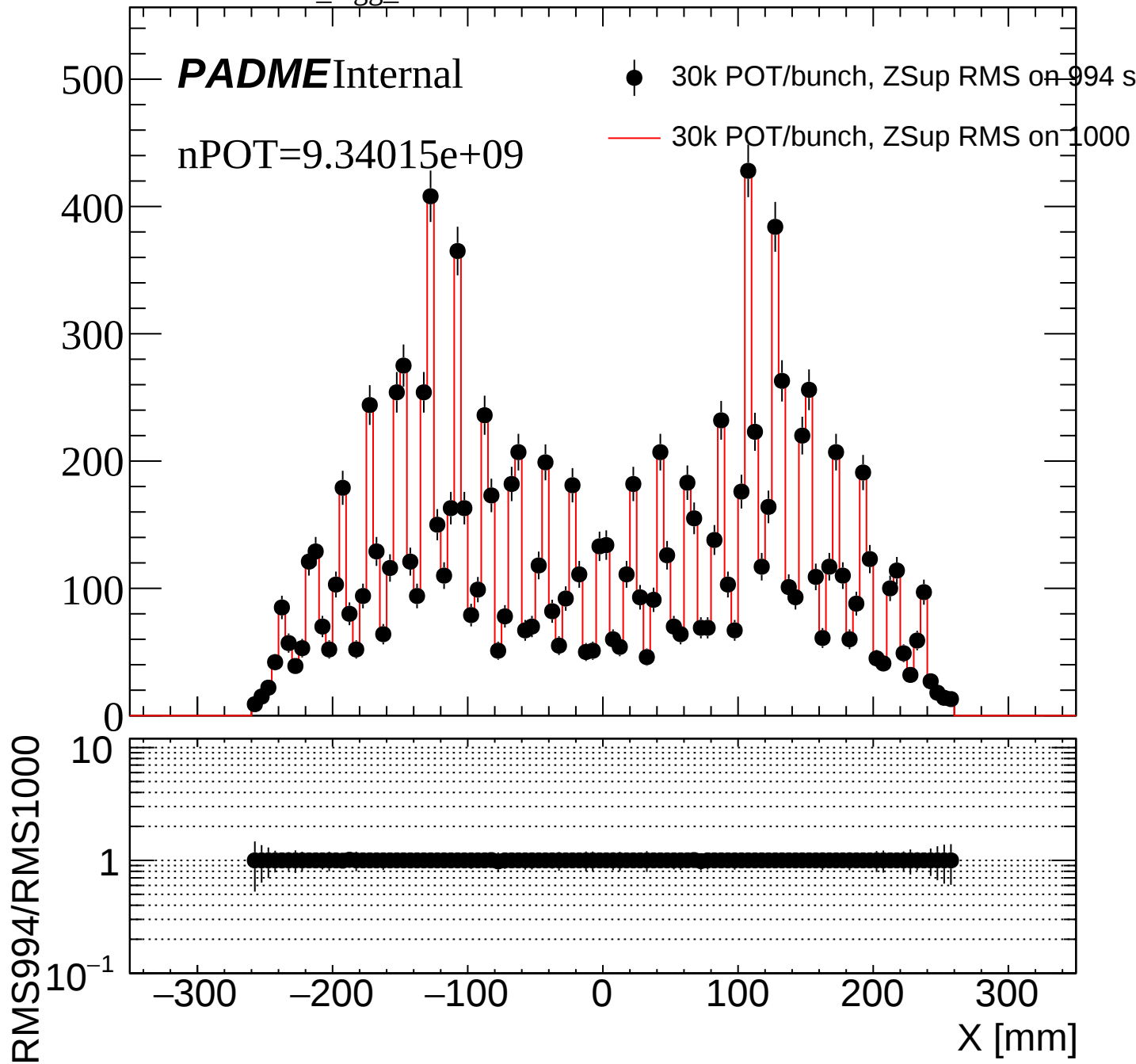
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

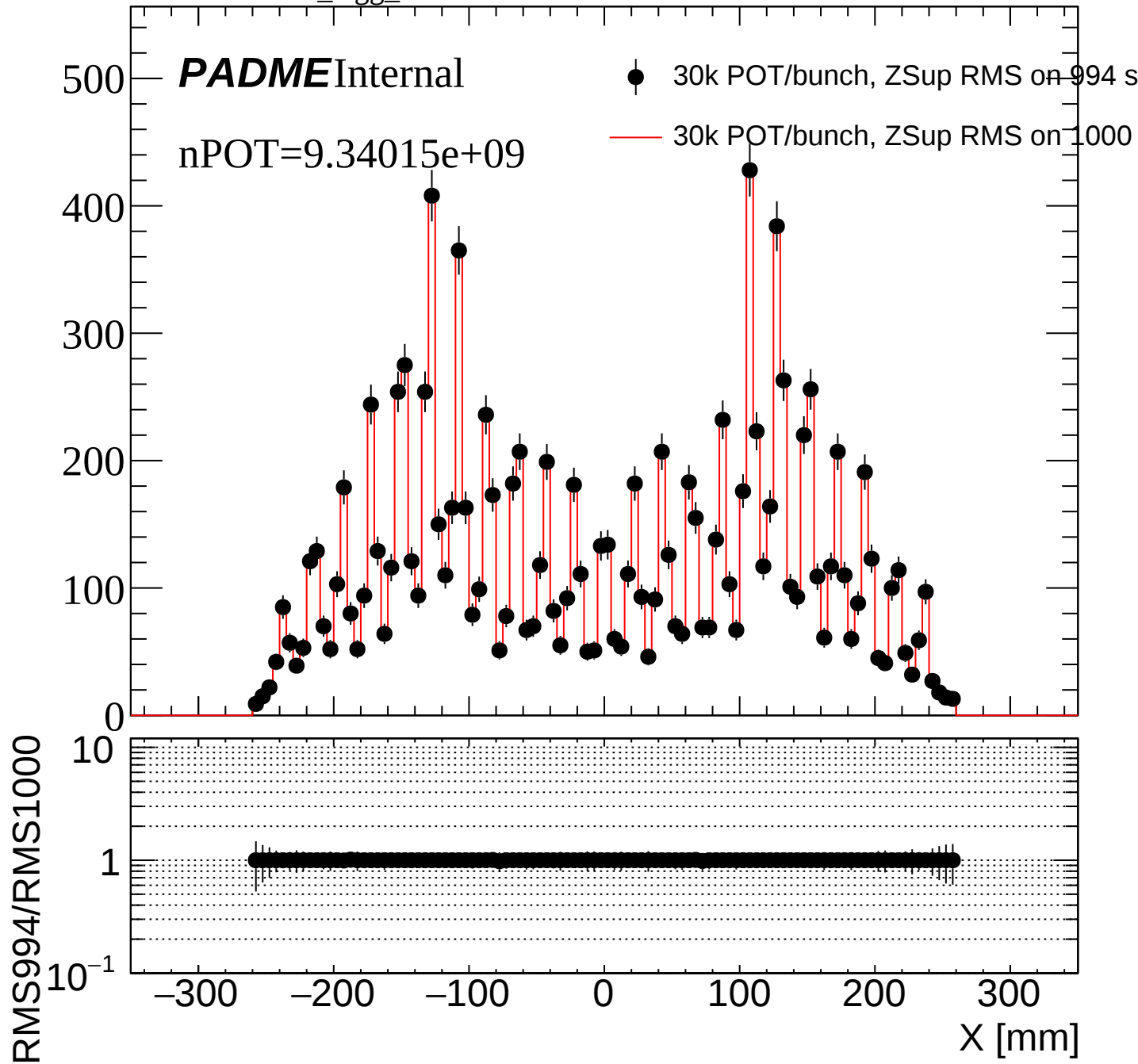
— 30k POT/bunch, ZSup RMS on 1000



ECAL_Xgg_10ns1CoGUnderPeak



ECAL_Xgg_10ns1CoGUnderPeakEThr90



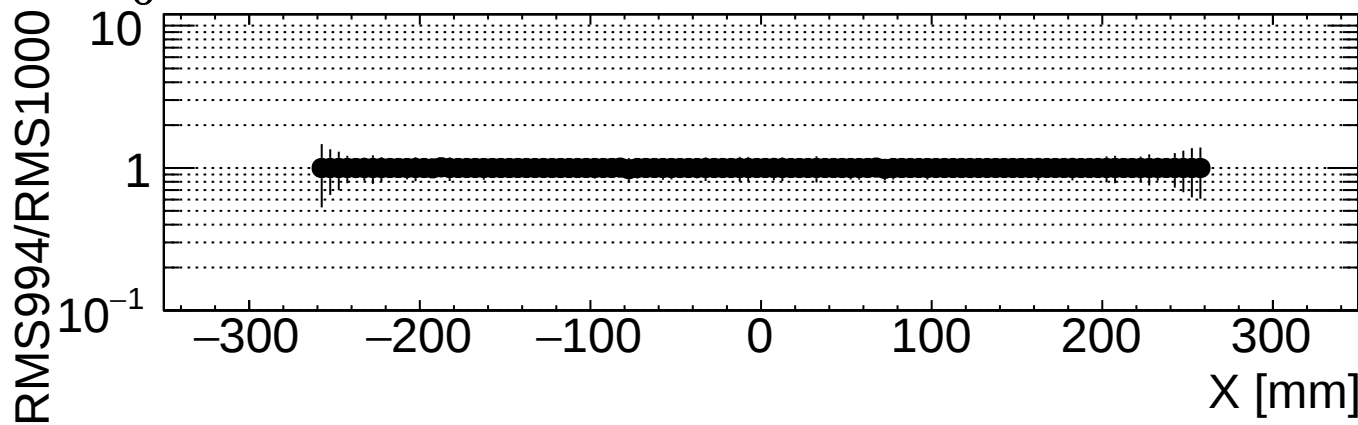
ECAL_Xgg_10ns1CoGEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



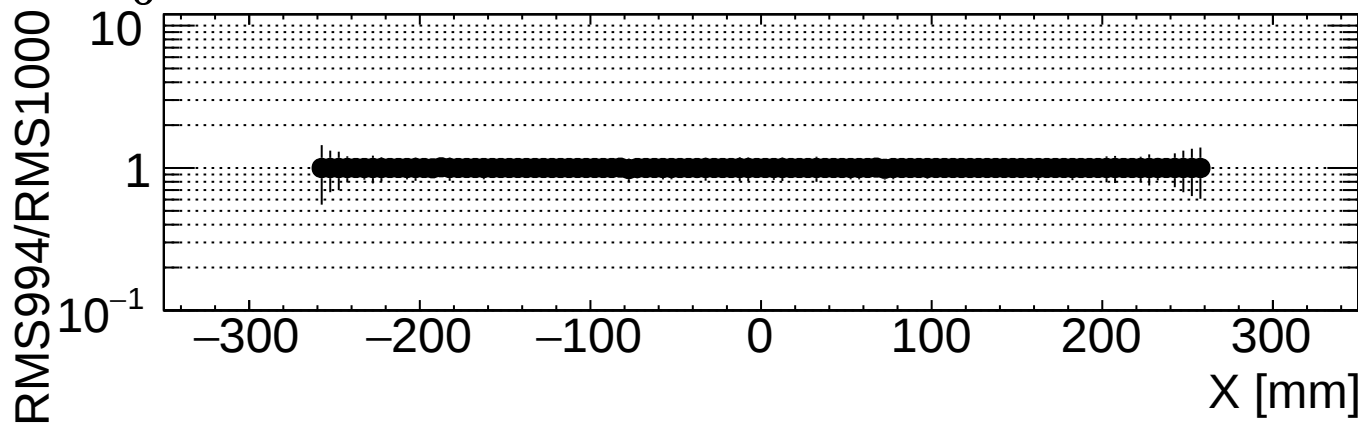
ECAL_Xgg_10ns1CoG20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



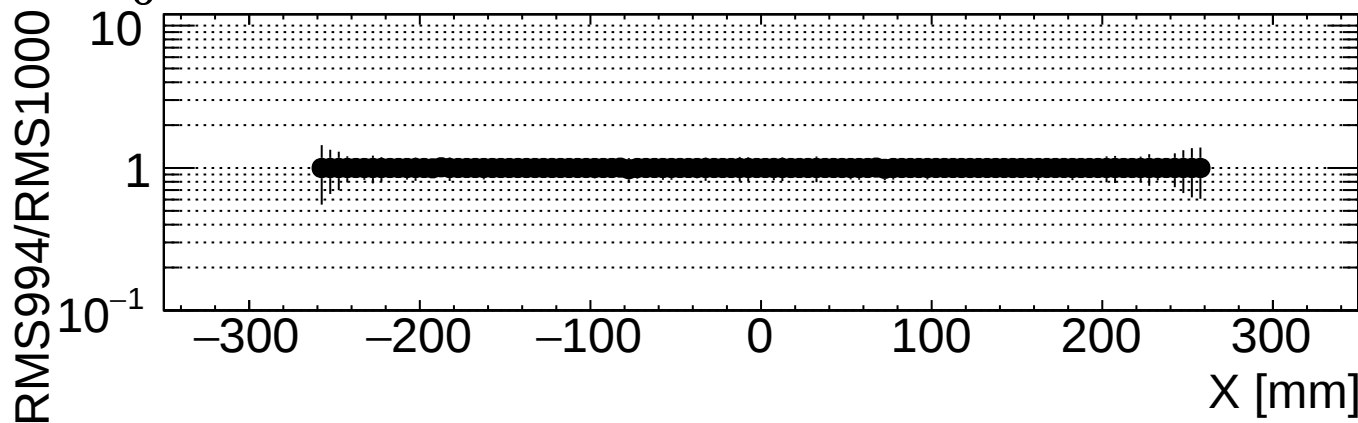
ECAL_Xgg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



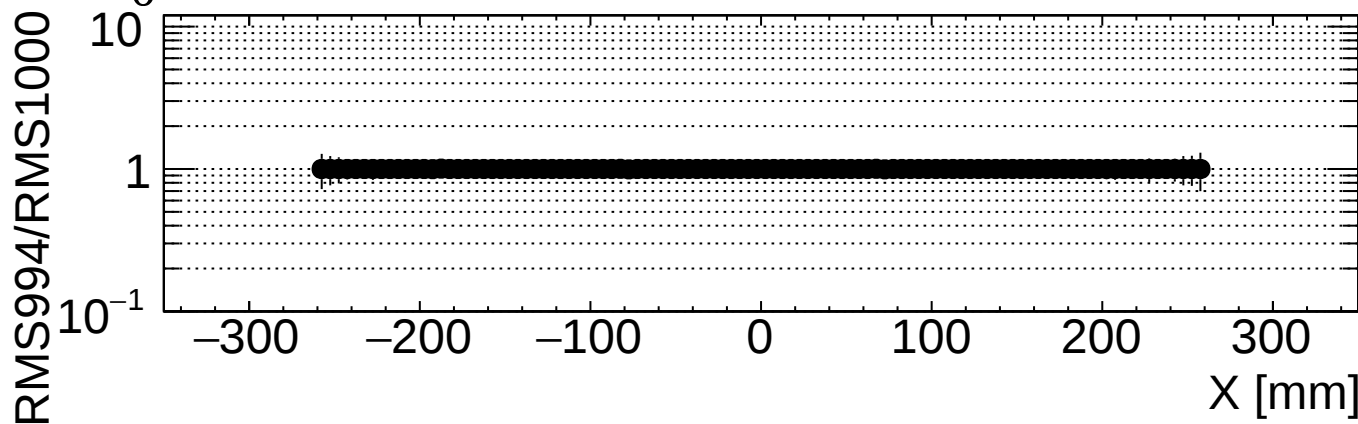
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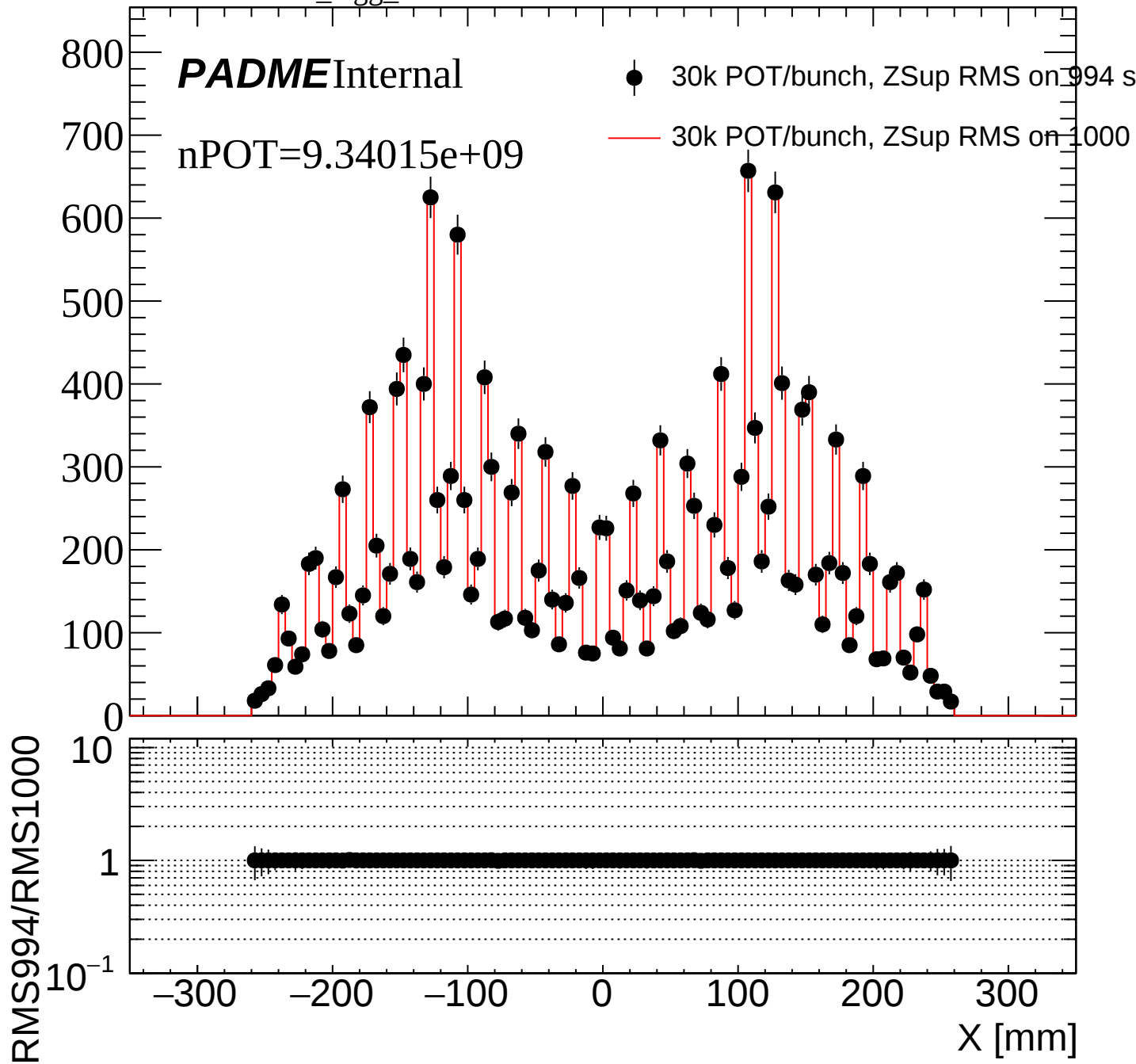
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





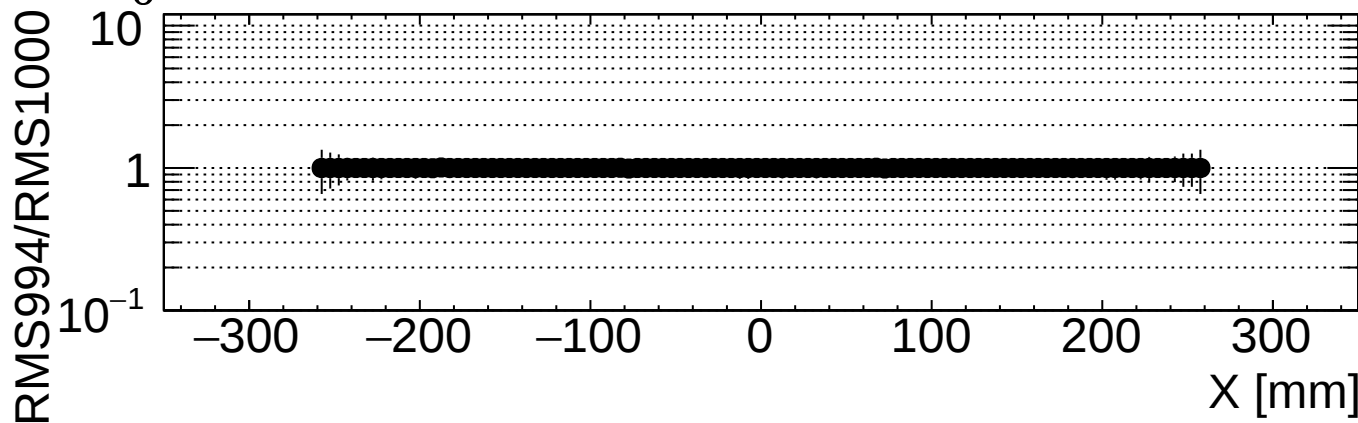
ECAL_Xgg_10ns3CoGUnderPeakEThr90

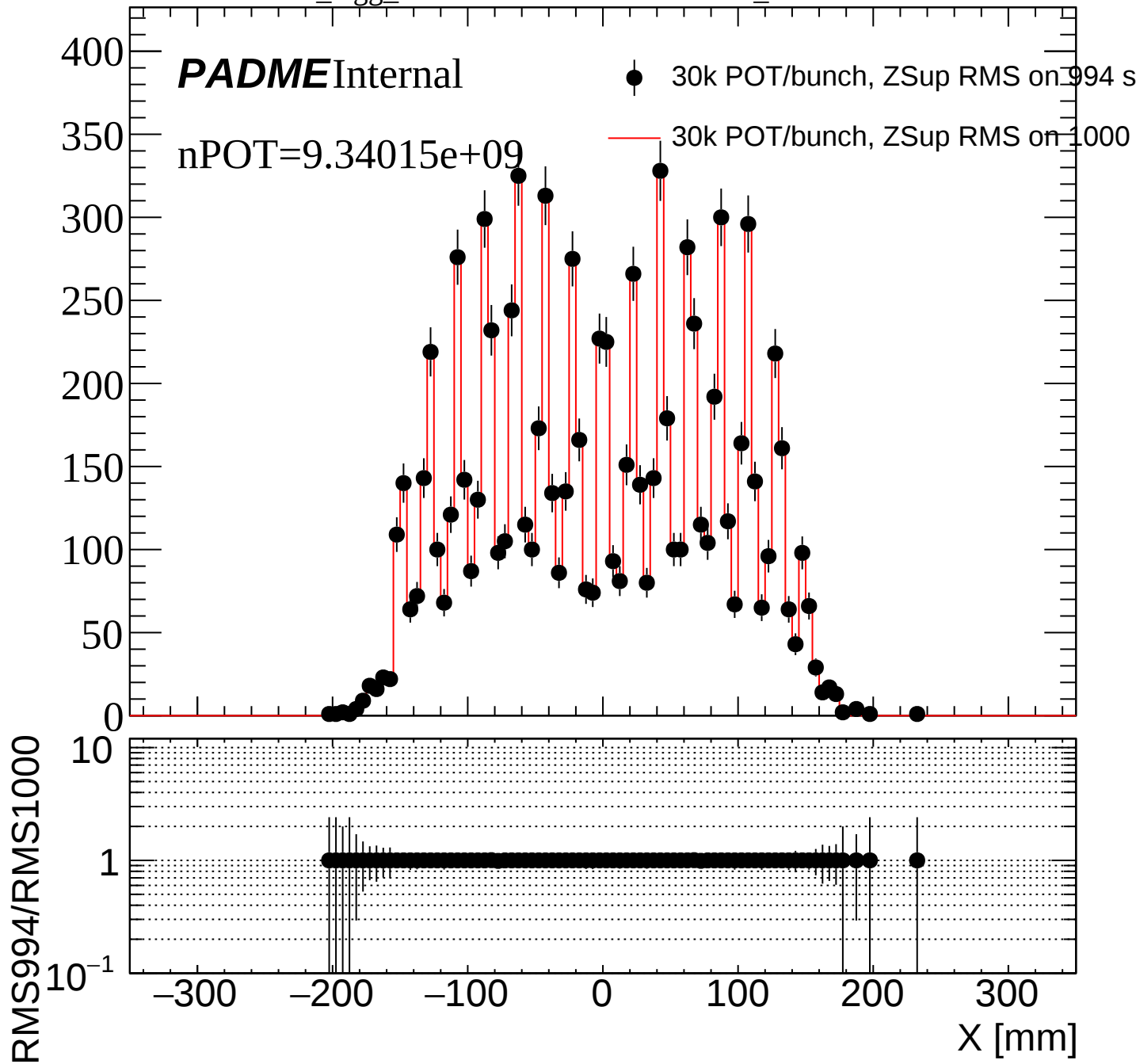
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





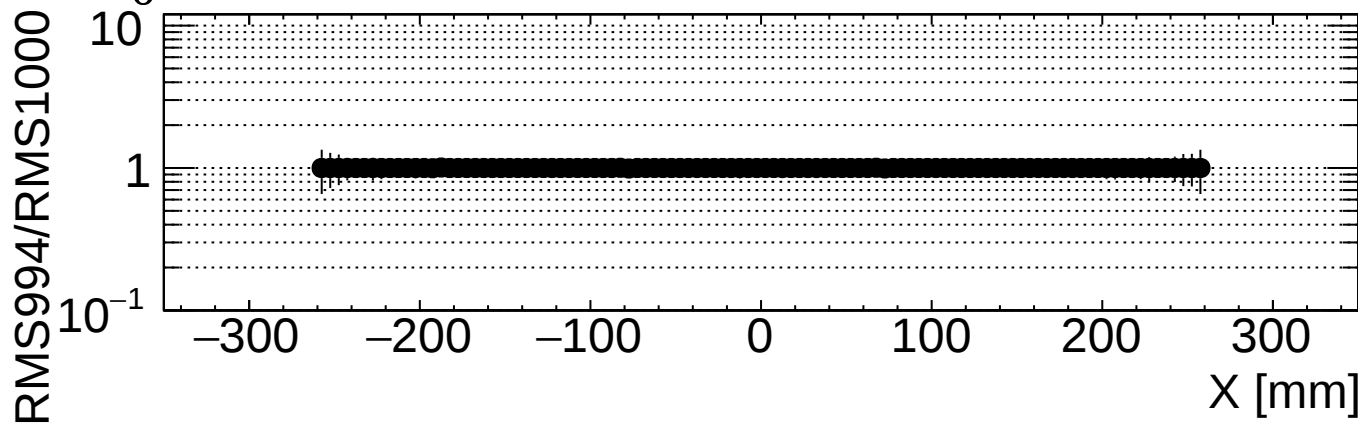
ECAL_Xgg_10ns3CoGEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



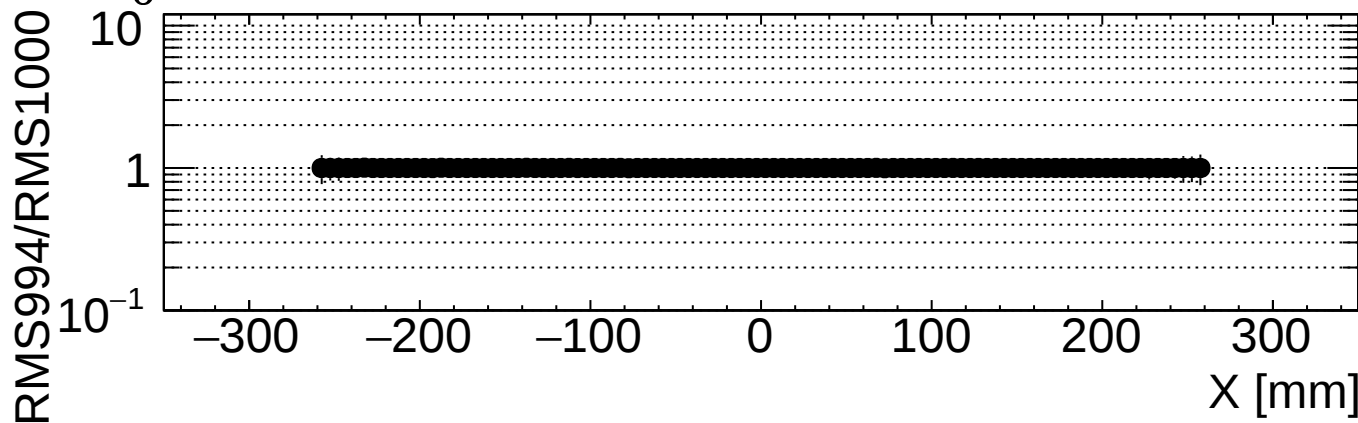
ECAL_Xgg_10ns5CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



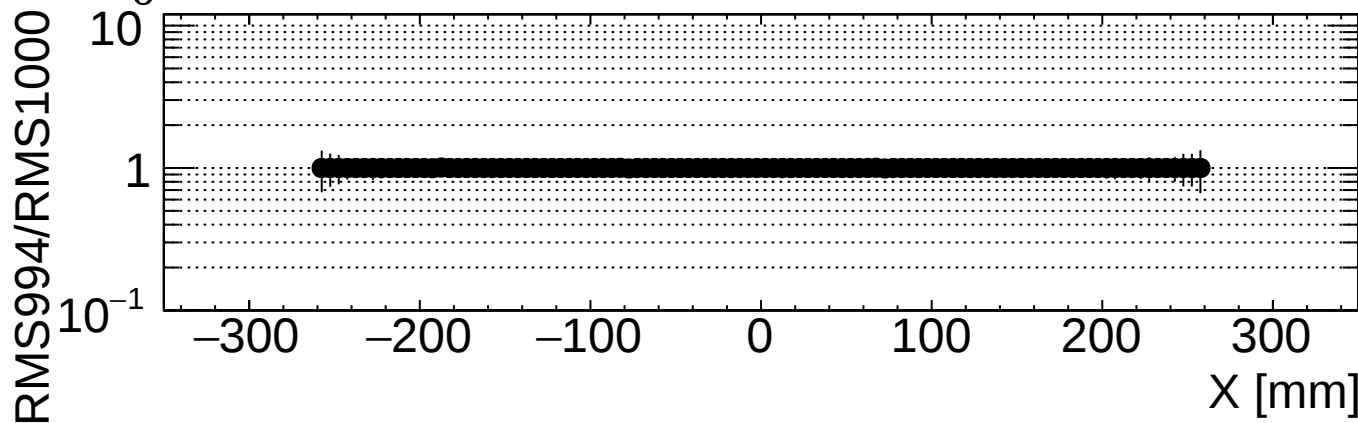
ECAL_Xgg_10ns5CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



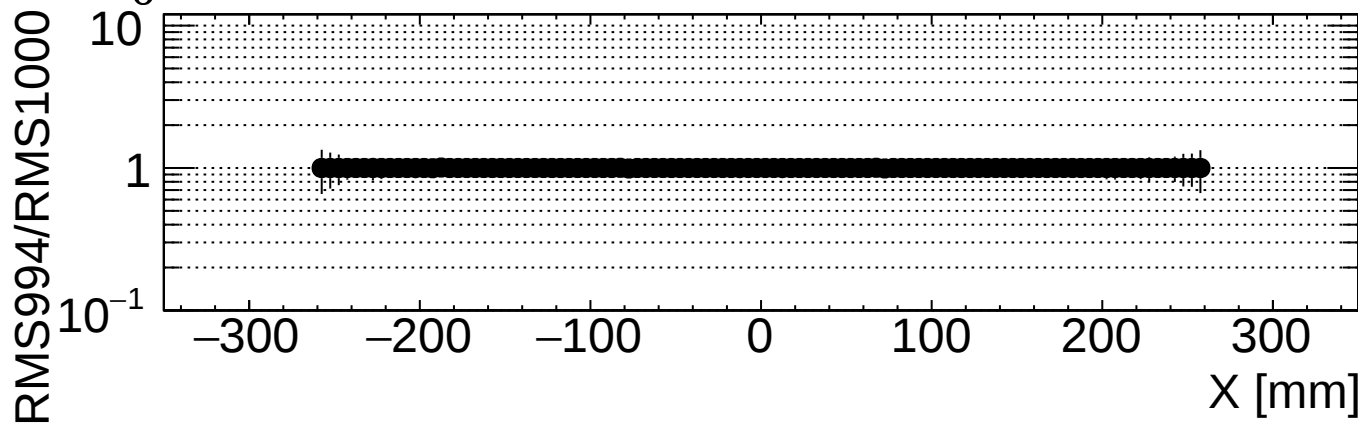
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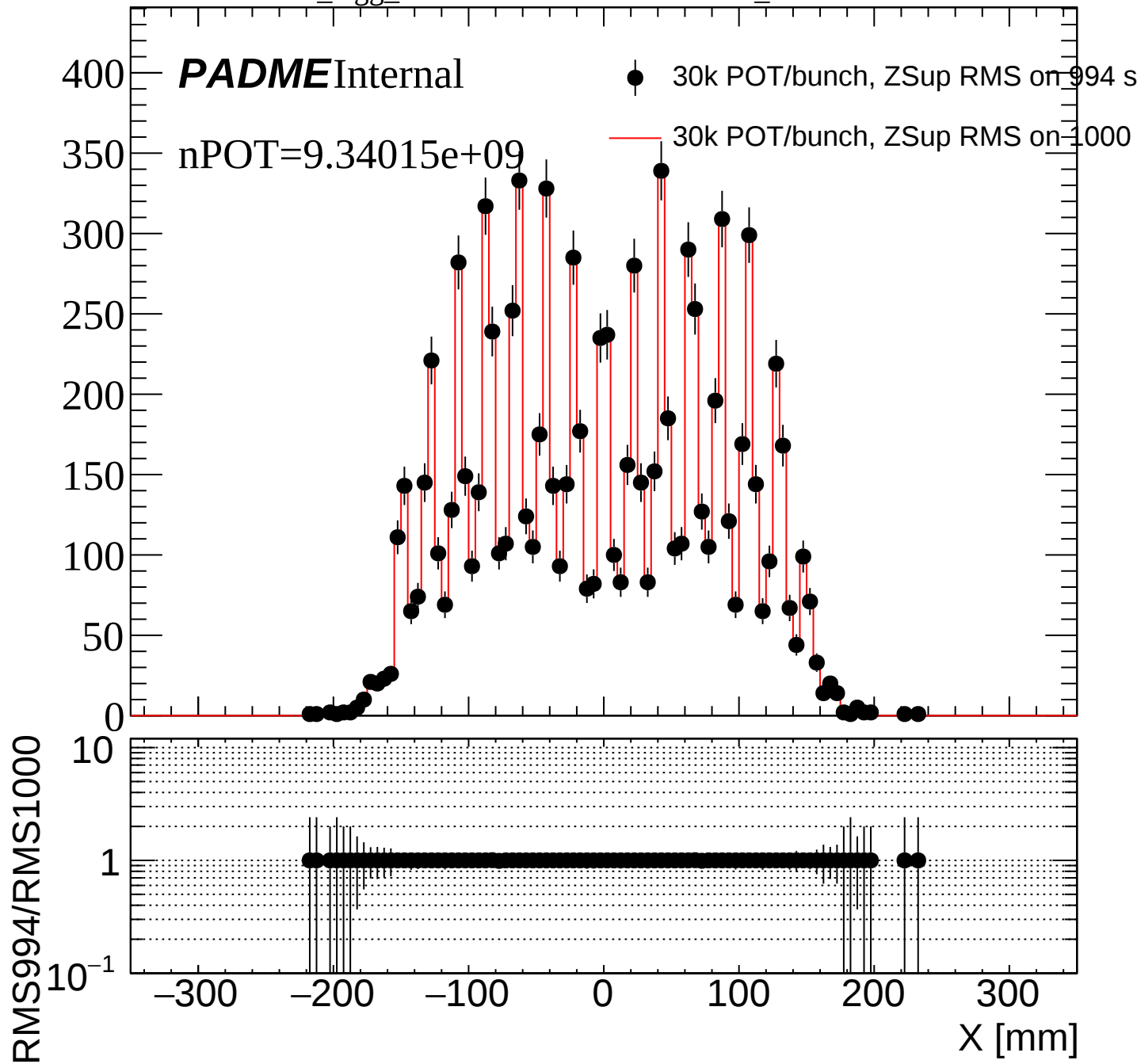
PADMEInternal

nPOT=9.34015e+09

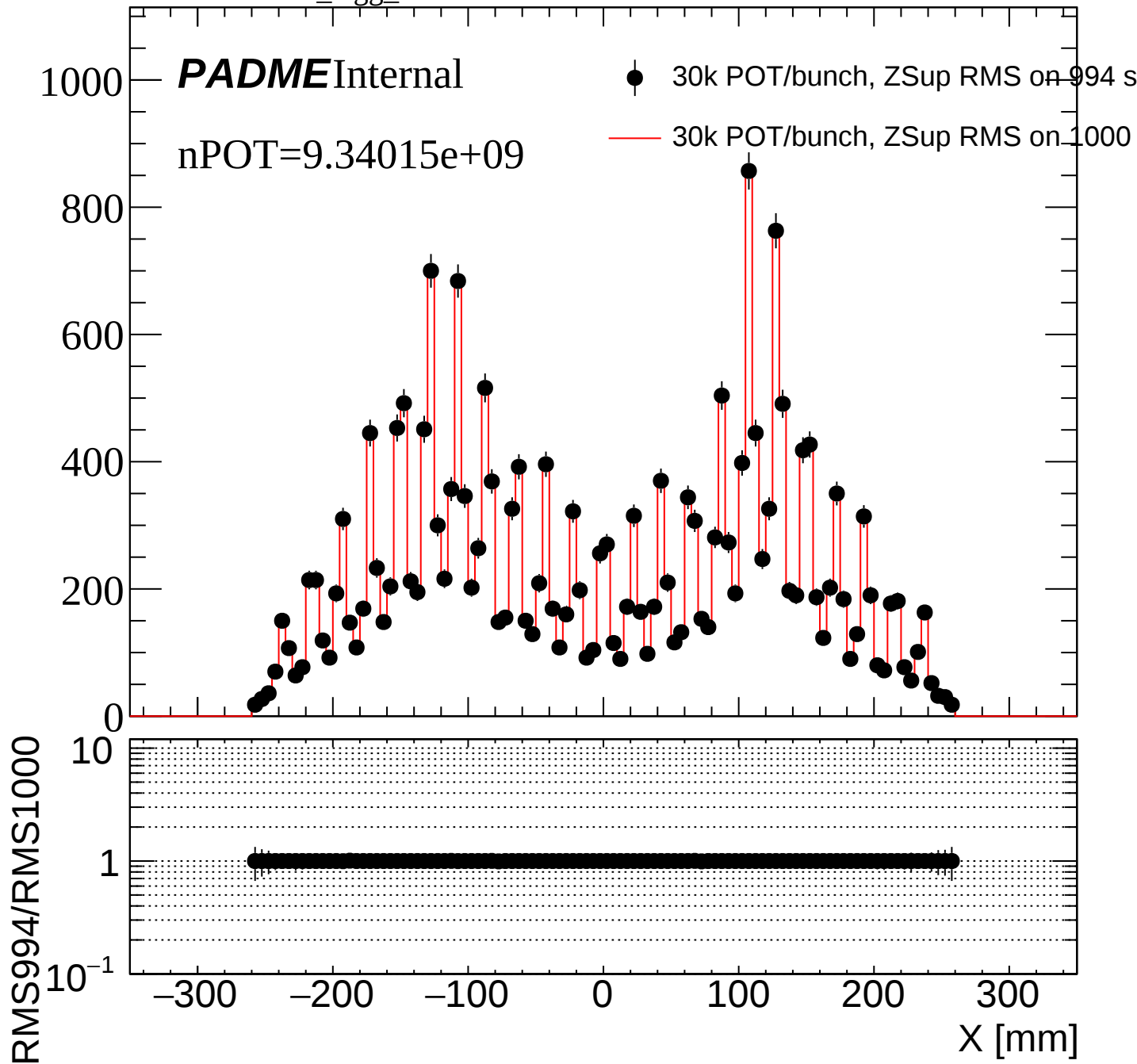
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





ECAL_Xgg_10ns5CoGEThr90



ECAL_Ygg_10ns

8000

PADMEInternal

● 30k POT/bunch, ZSup RMS on 994 s

7000

nPOT=9.34015e+09

— 30k POT/bunch, ZSup RMS on 1000

6000

5000

4000

3000

2000

1000

0

RMS994/RMS1000

10

1

10⁻¹

-300

-200

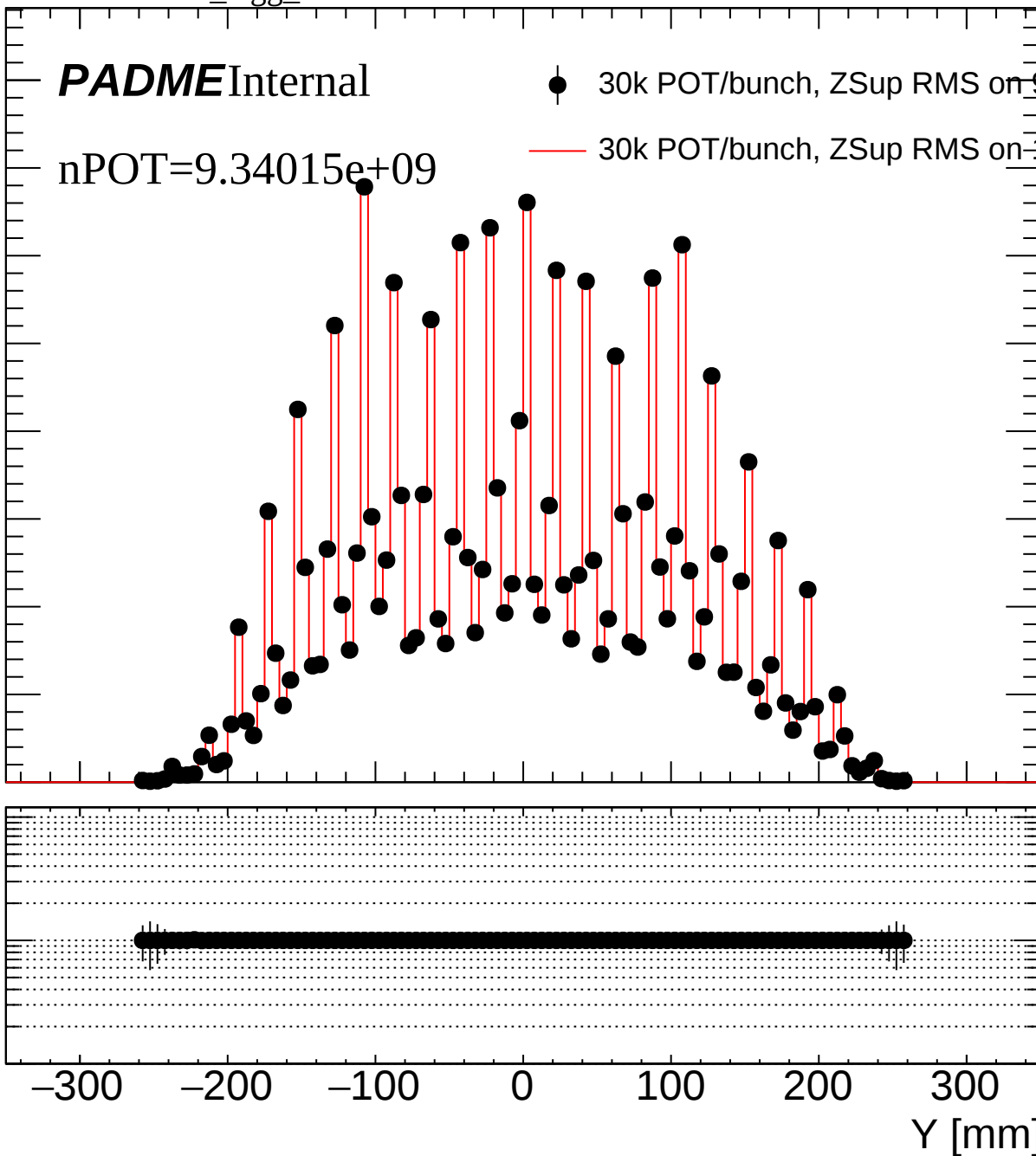
0

100

200

300

Y [mm]



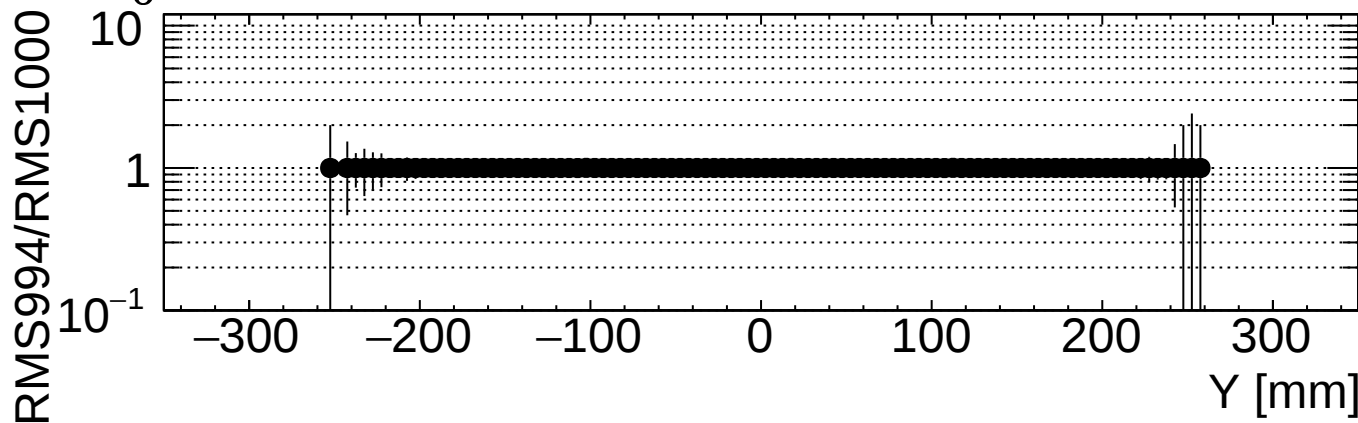
ECAL_Ygg_10ns20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



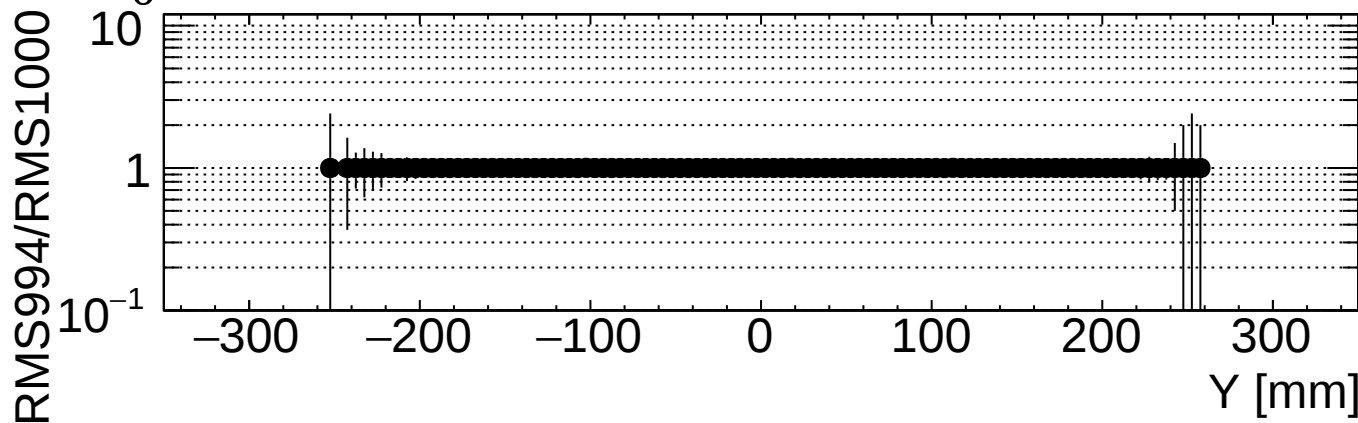
ECAL_Ygg_10ns20DegreeDeltaTheta

PADMEInternal

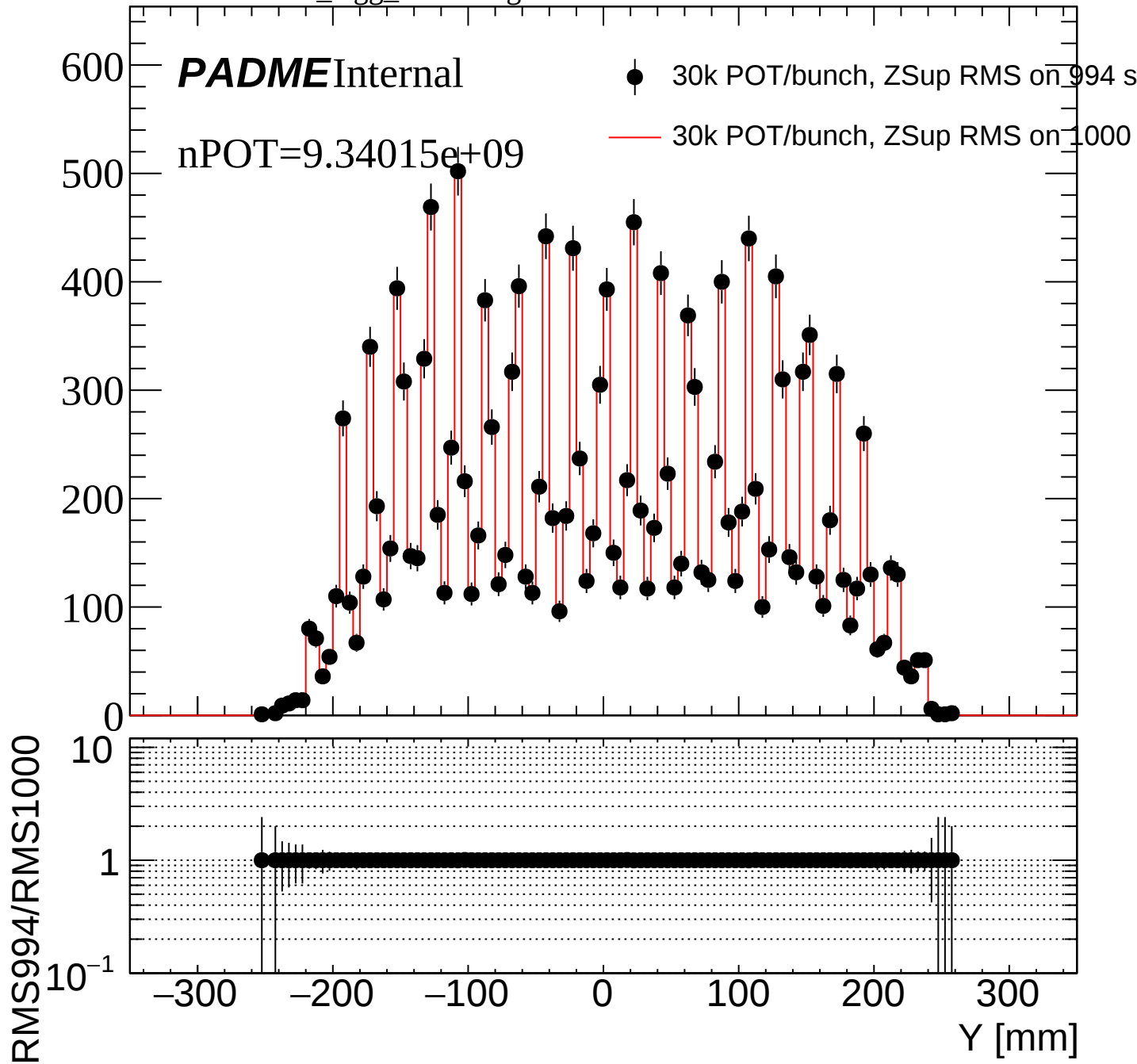
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

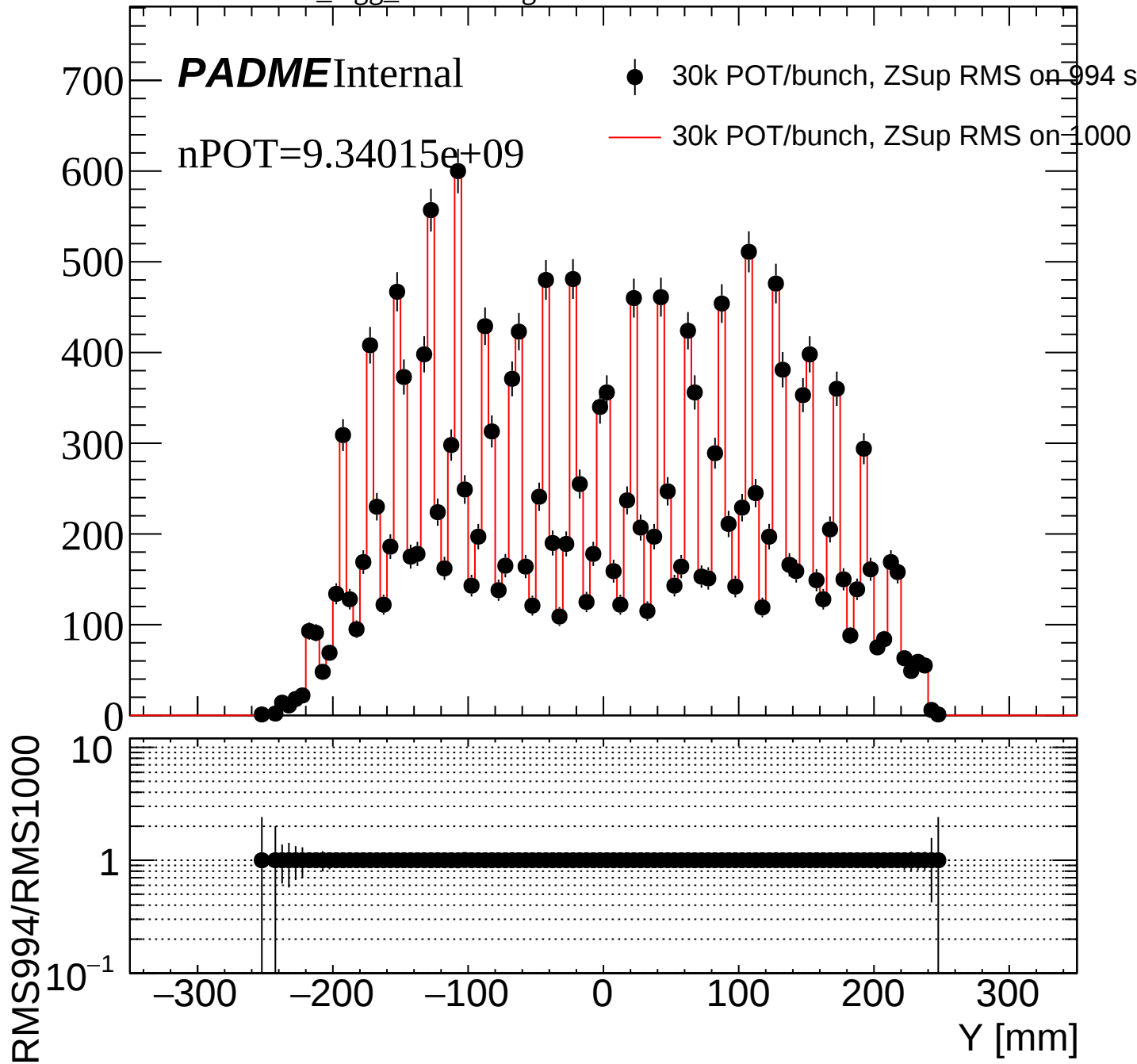
— 30k POT/bunch, ZSup RMS on 1000



ECAL_Ygg_10ns5DegreeDeltaTheta



ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeak



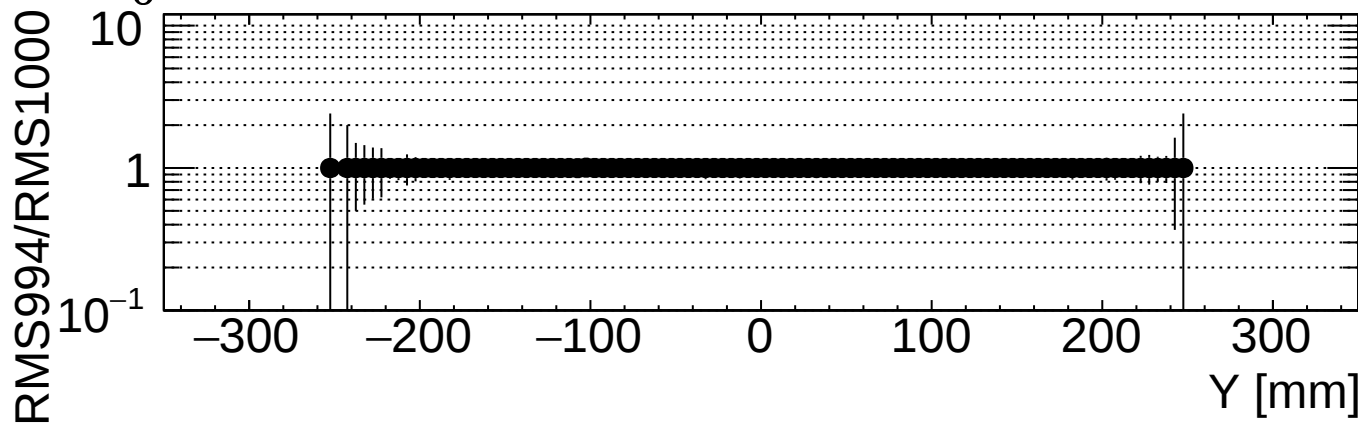
ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



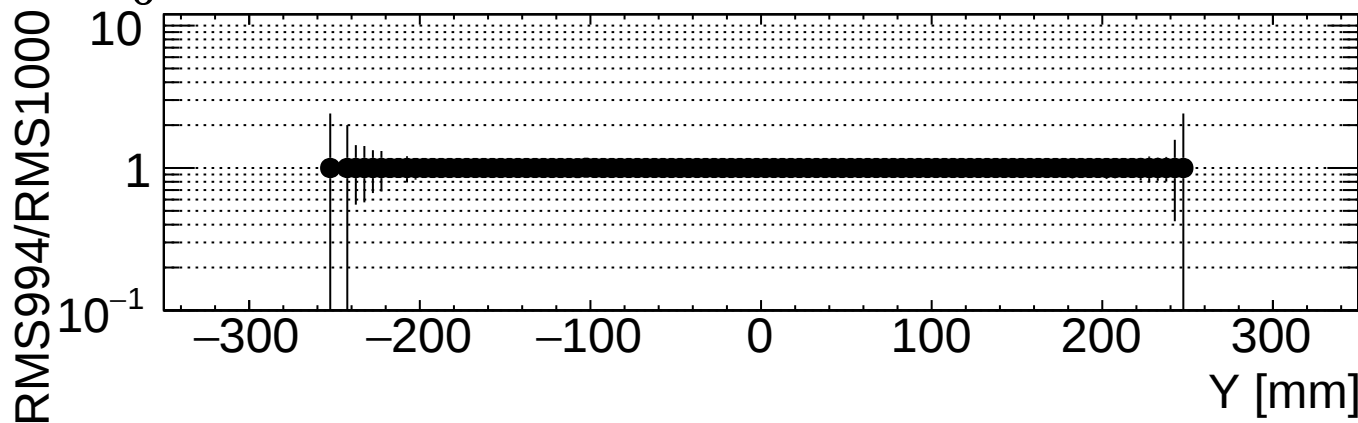
ECAL_Ygg_10ns20DegreeDeltaThetaUnderPeakEThr90

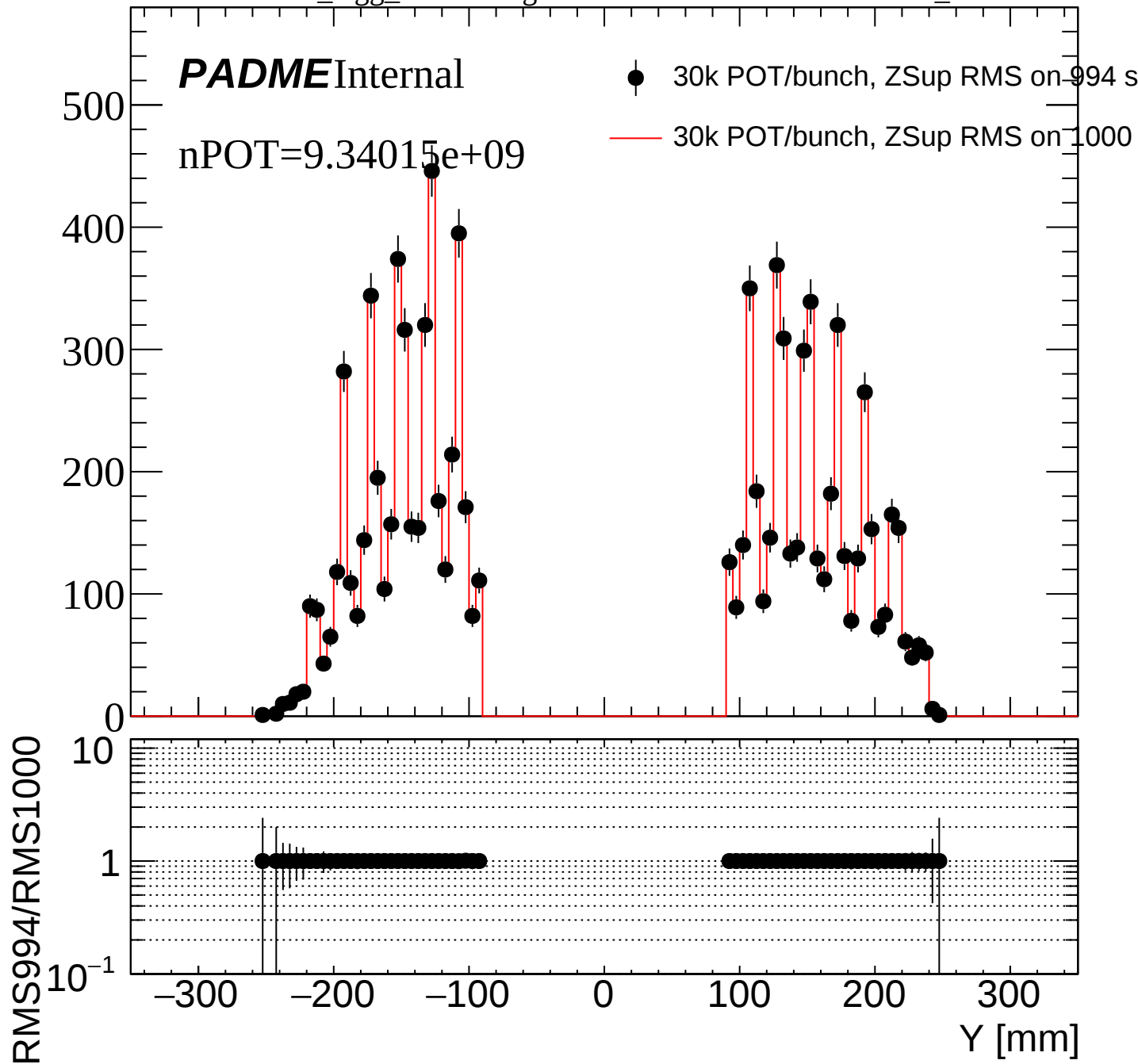
PADMEInternal

nPOT=9.34015e+09

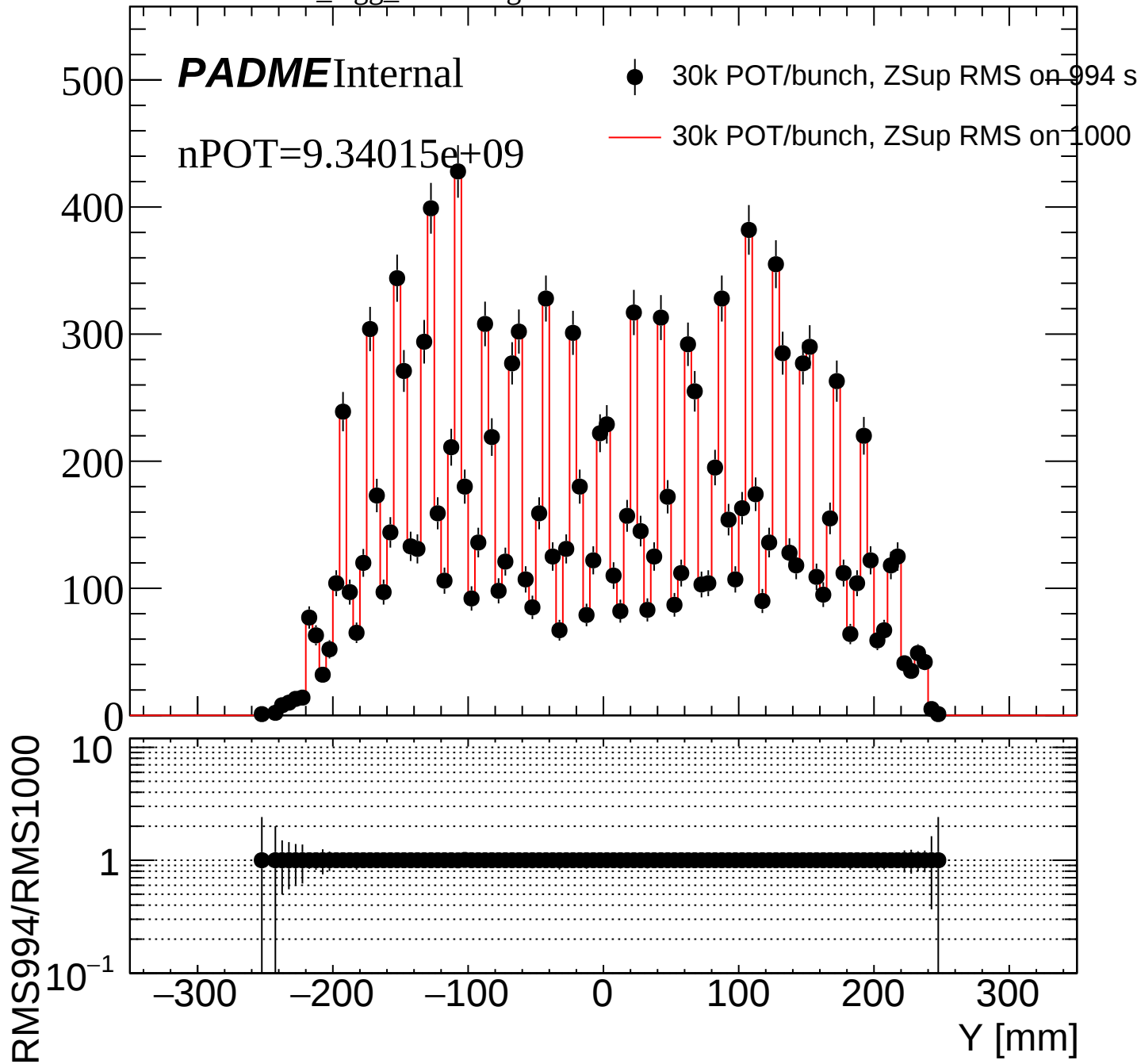
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

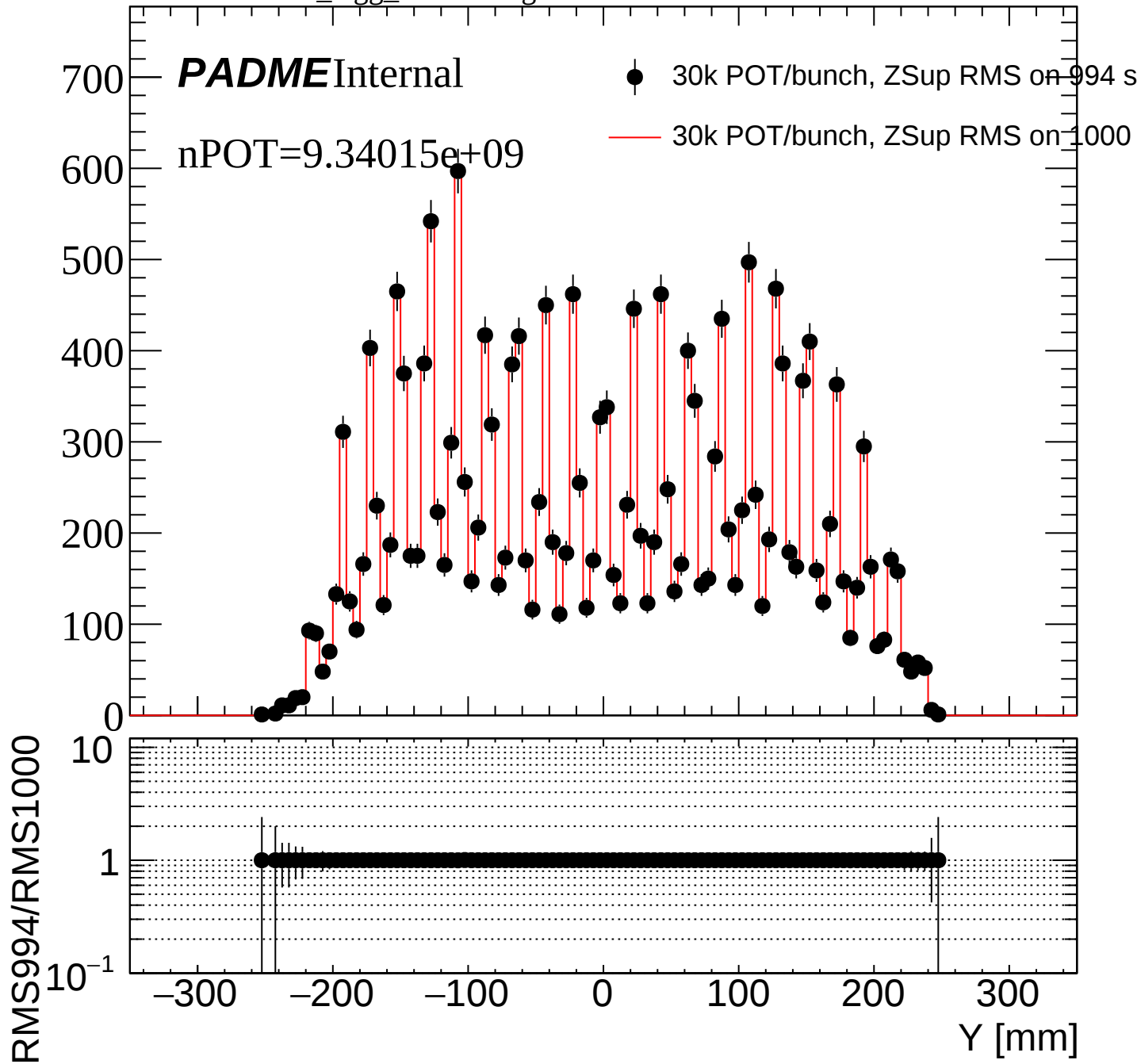




ECAL_Ygg_10ns5DegreeDeltaThetaUnderPeakEThr90



ECAL_Ygg_10ns20DegreeDeltaThetaEThr90



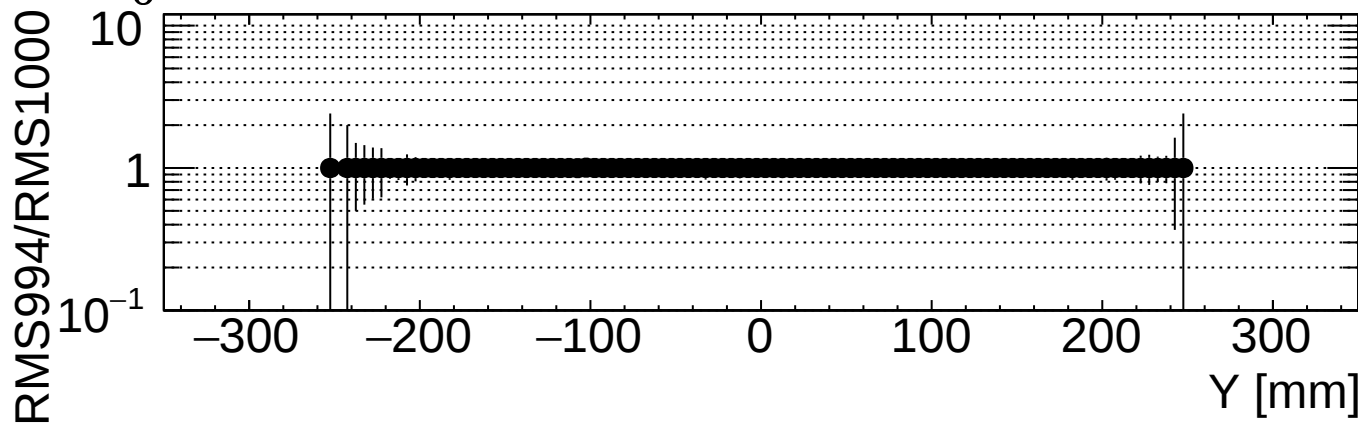
ECAL_Ygg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



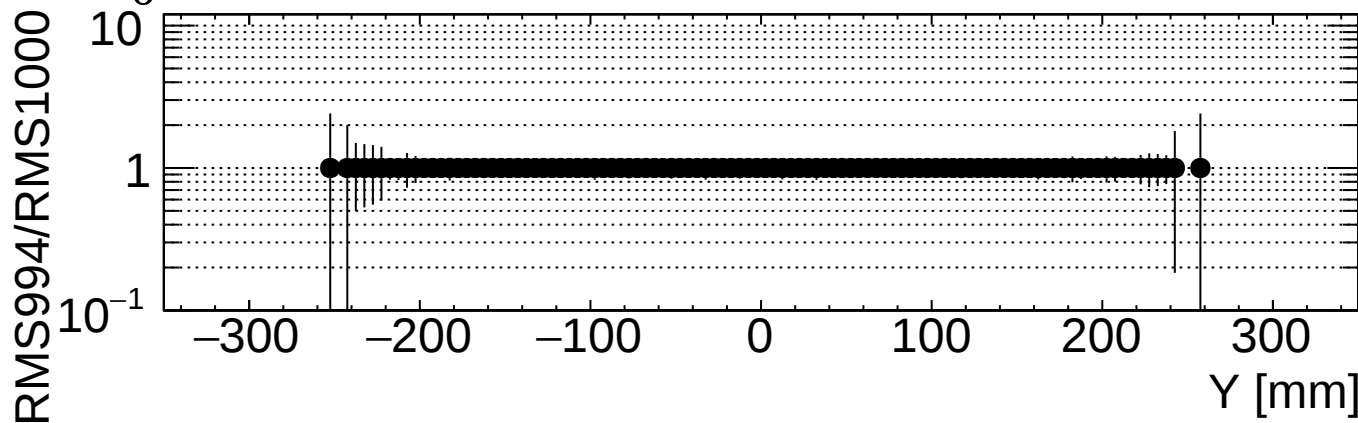
ECAL_Ygg_10ns1CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



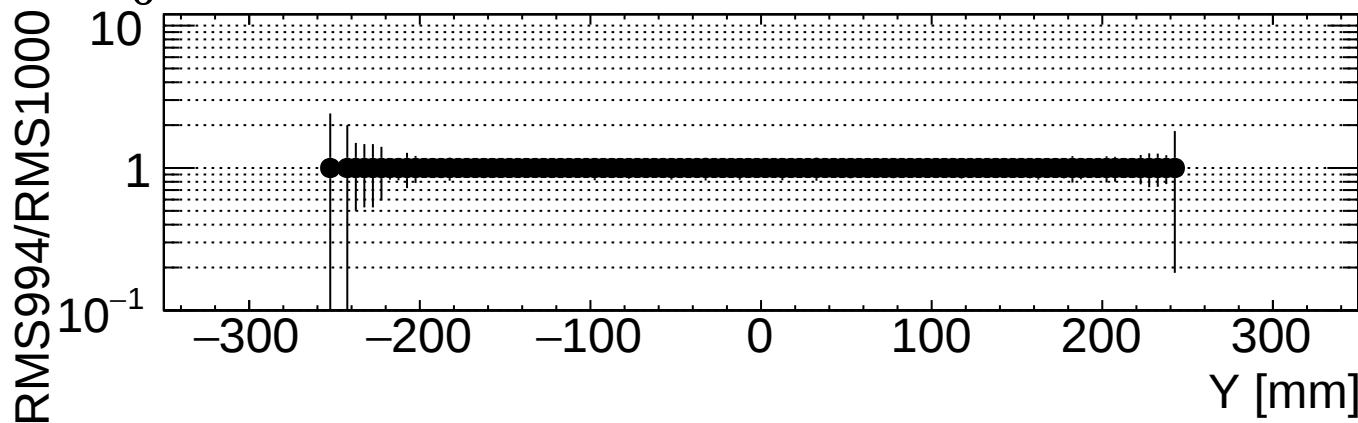
ECAL_Ygg_10ns1CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



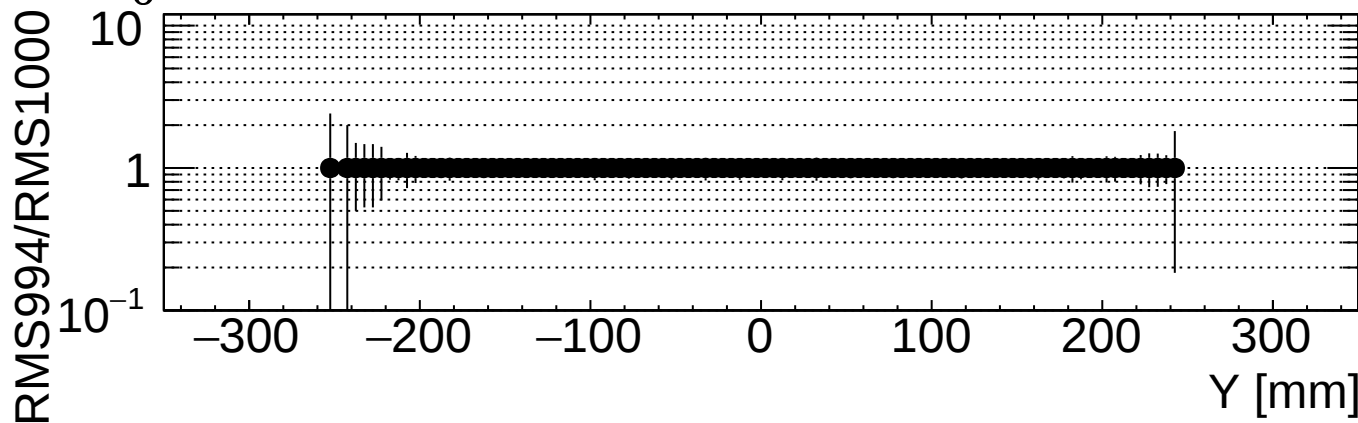
ECAL_Ygg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



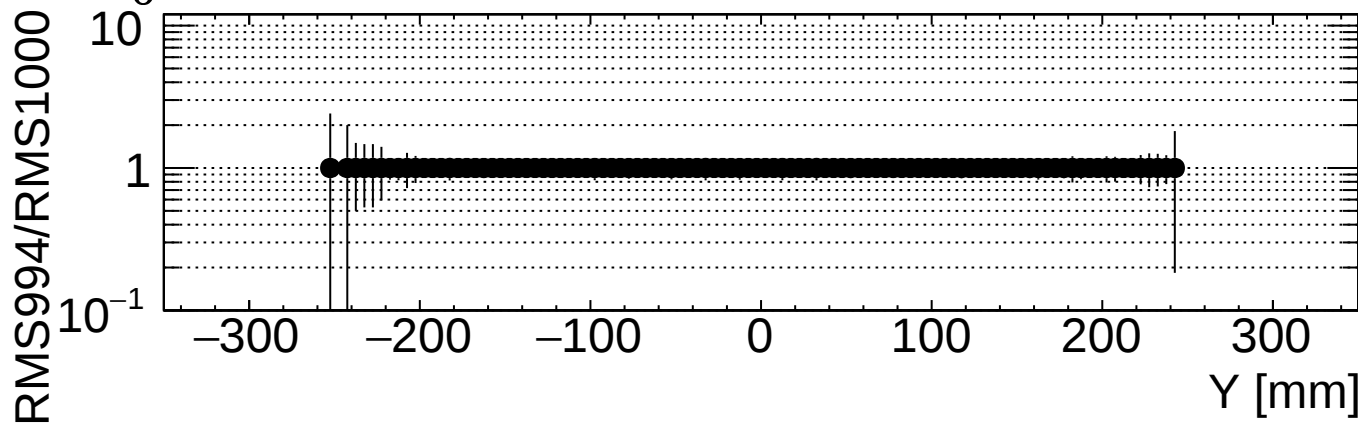
ECAL_Ygg_10ns1CoGEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



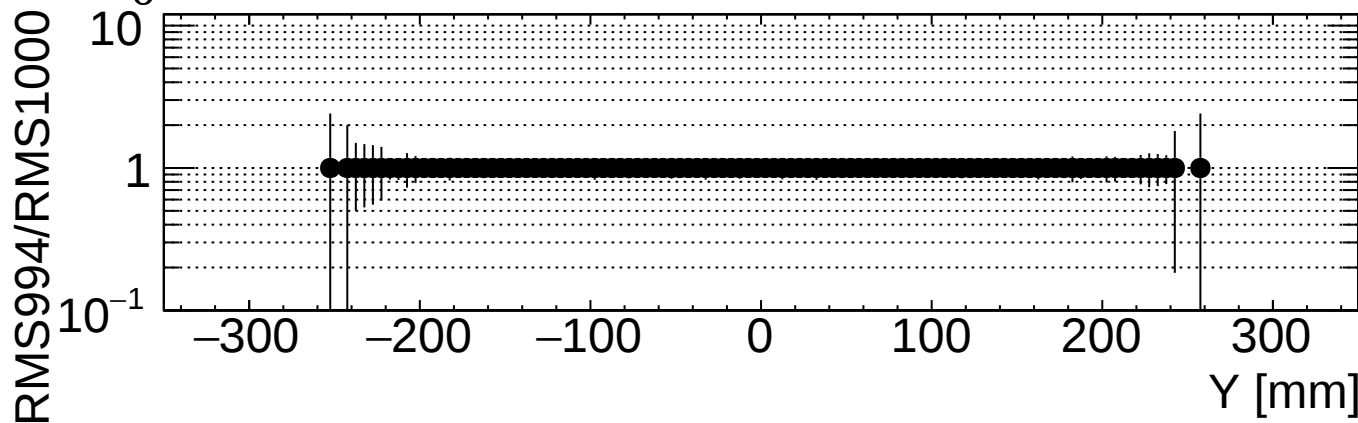
ECAL_Ygg_10ns1CoG20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



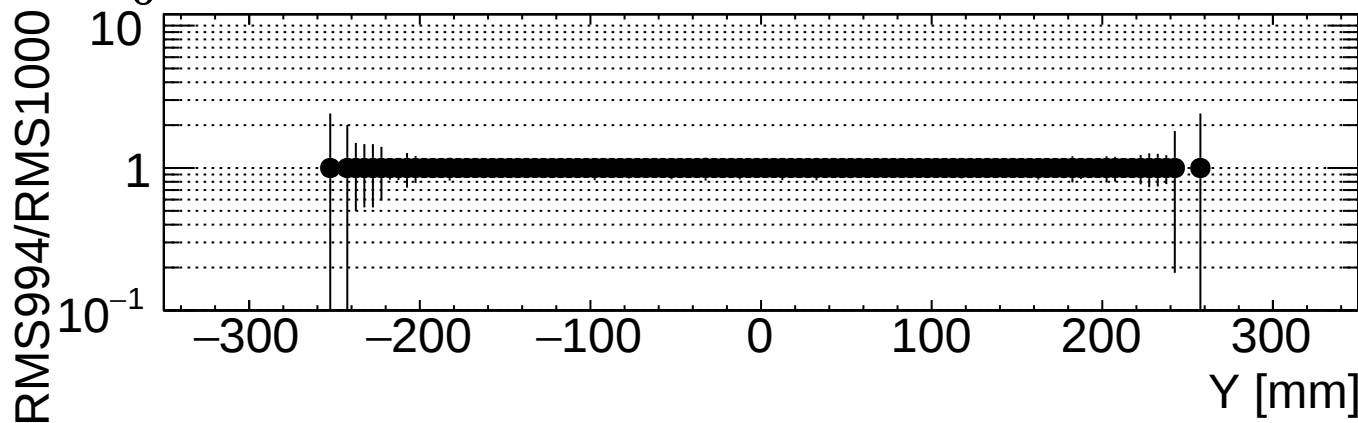
ECAL_Ygg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



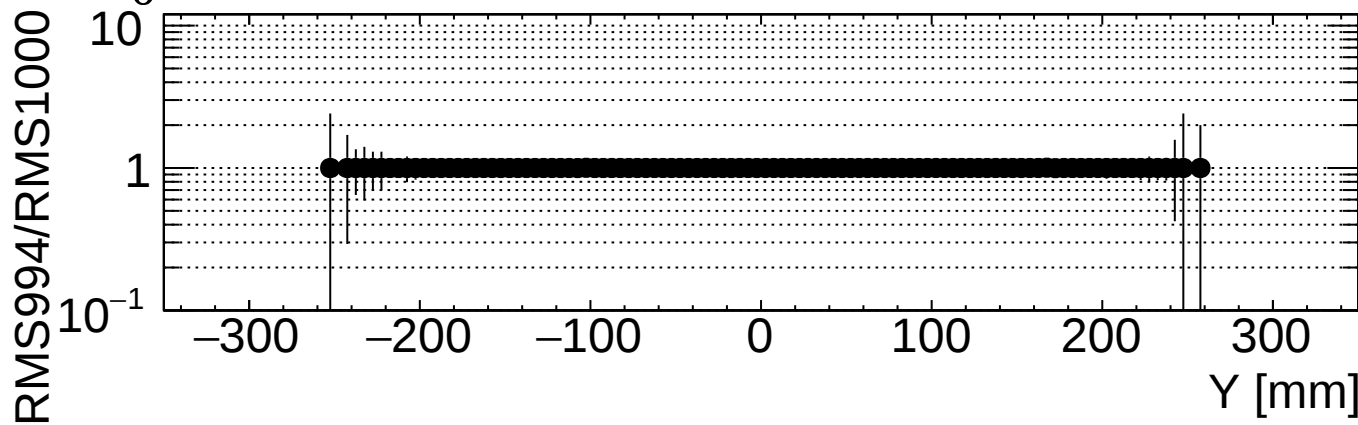
ECAL_Ygg_10ns3CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



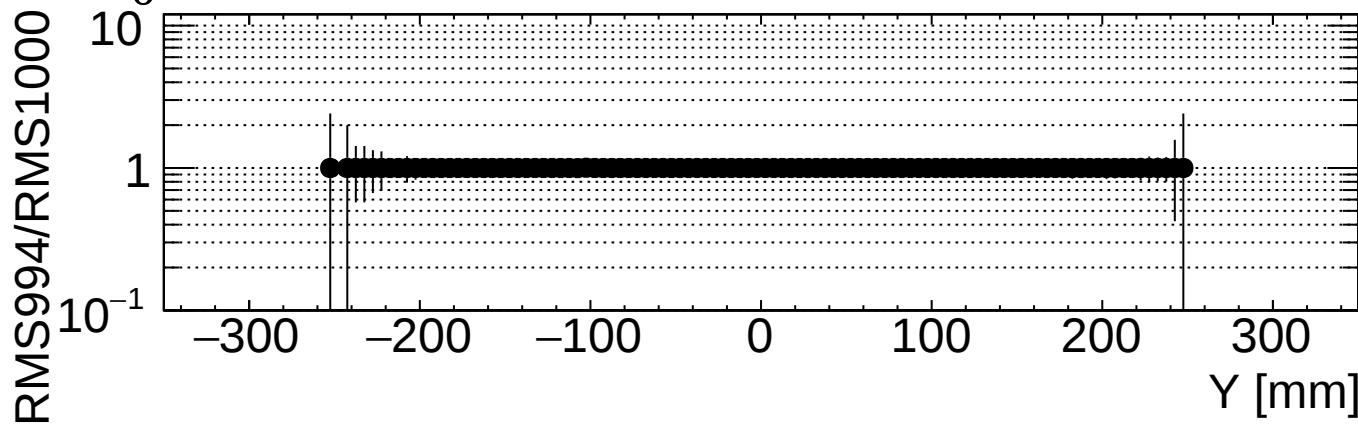
ECAL_Ygg_10ns3CoGUnderPeak

PADMEInternal

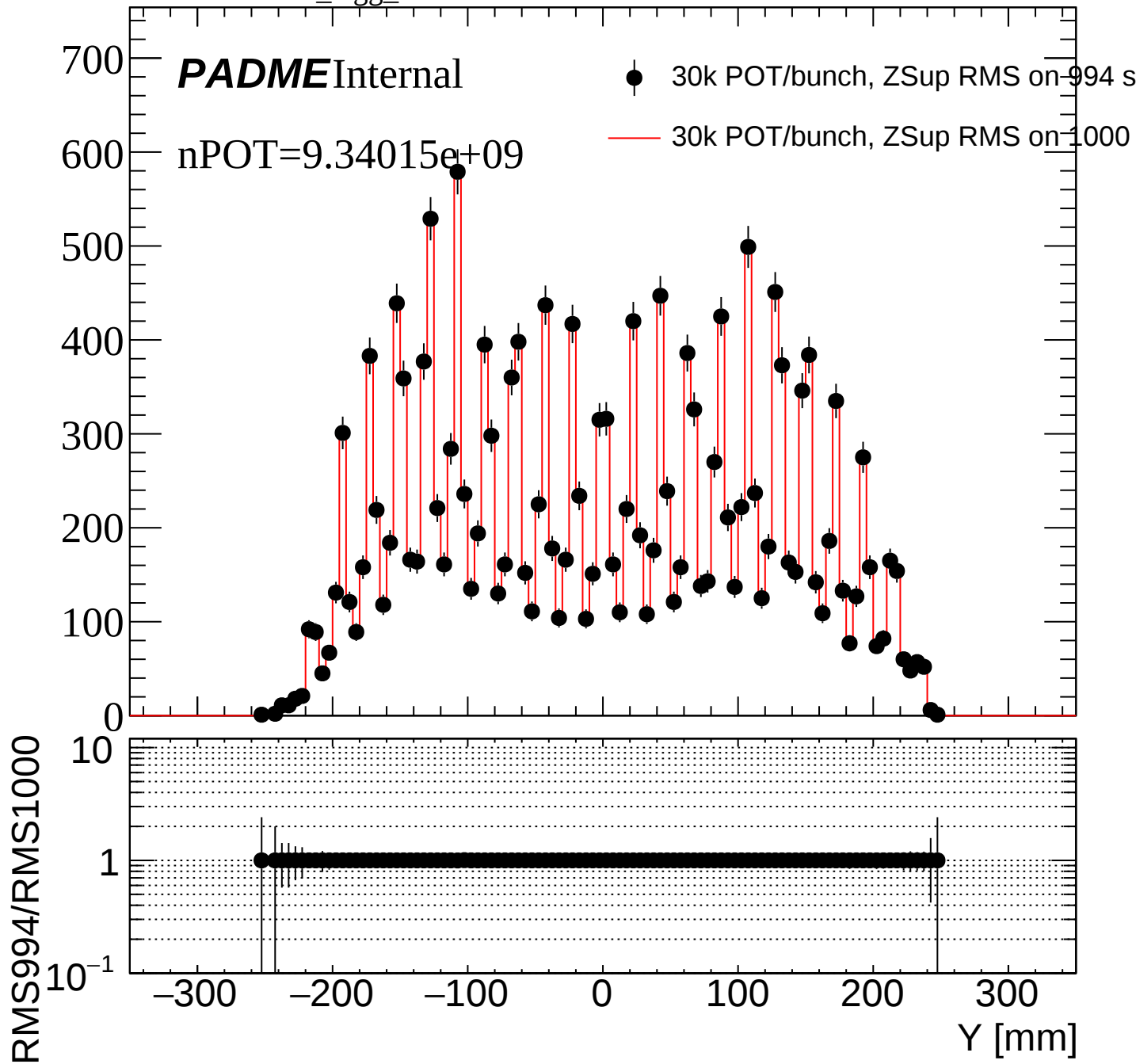
nPOT=9.34015e+09

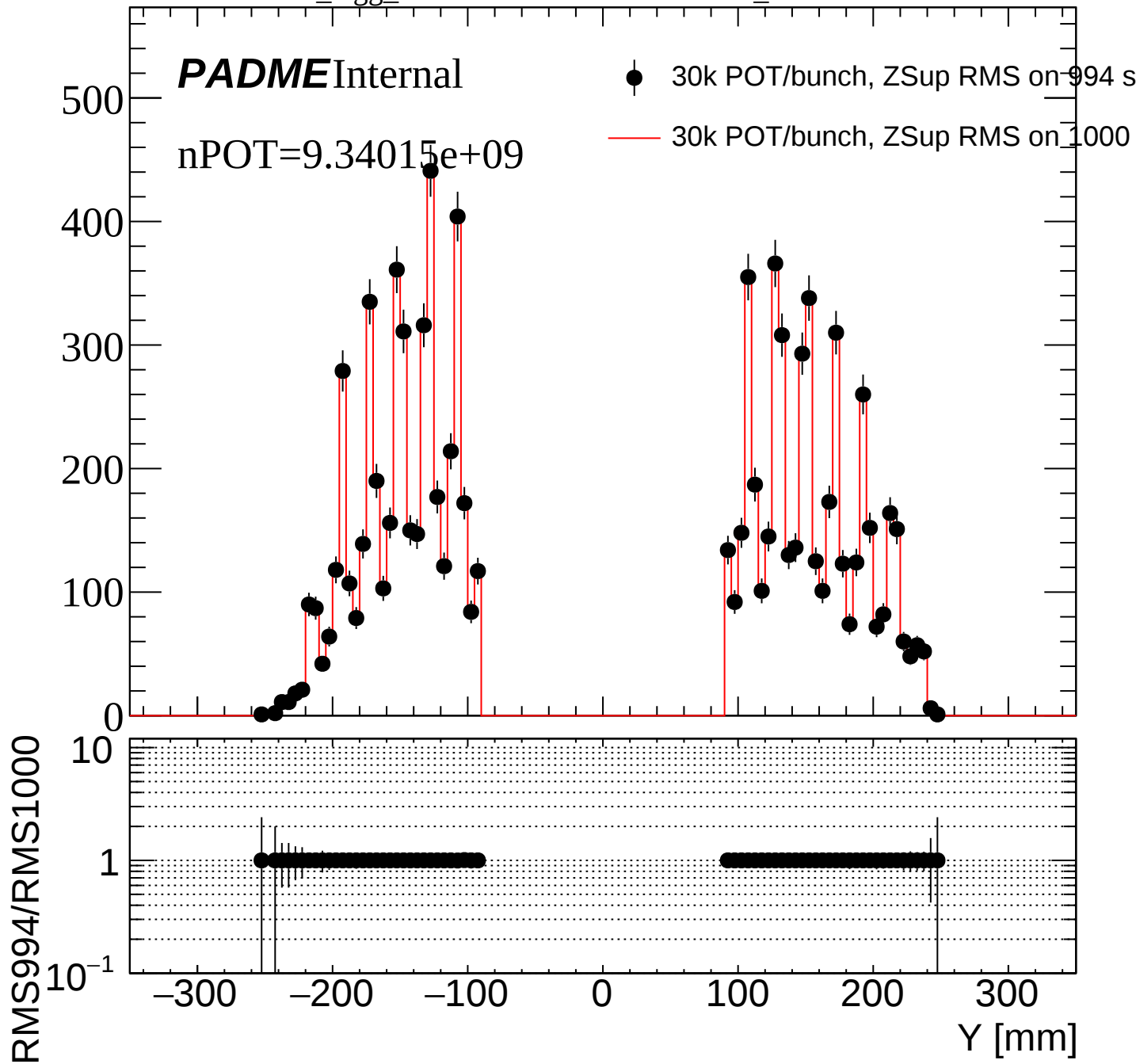
● 30k POT/bunch, ZSup RMS on 994 s

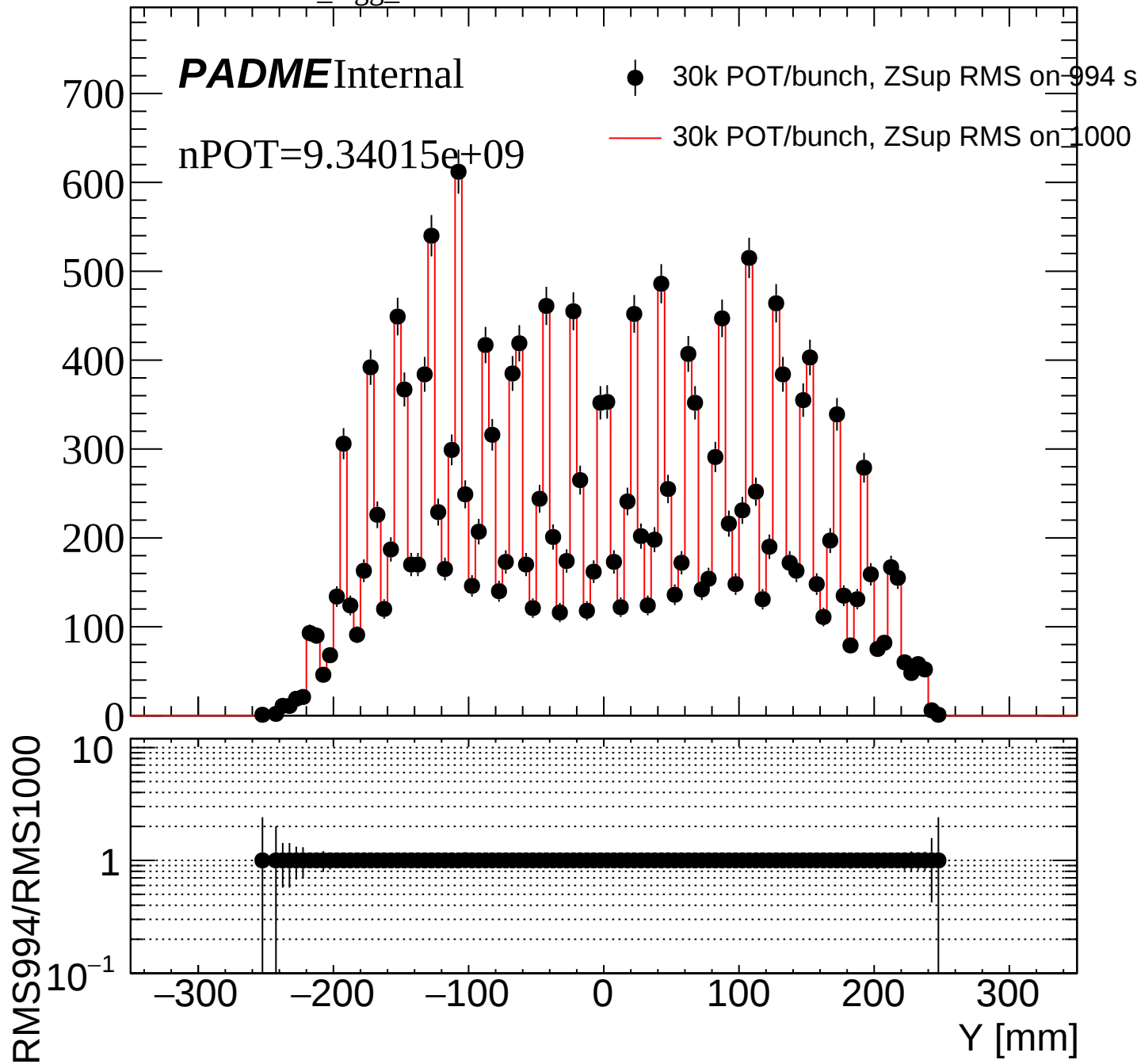
— 30k POT/bunch, ZSup RMS on 1000



ECAL_Ygg_10ns3CoGUnderPeakEThr90







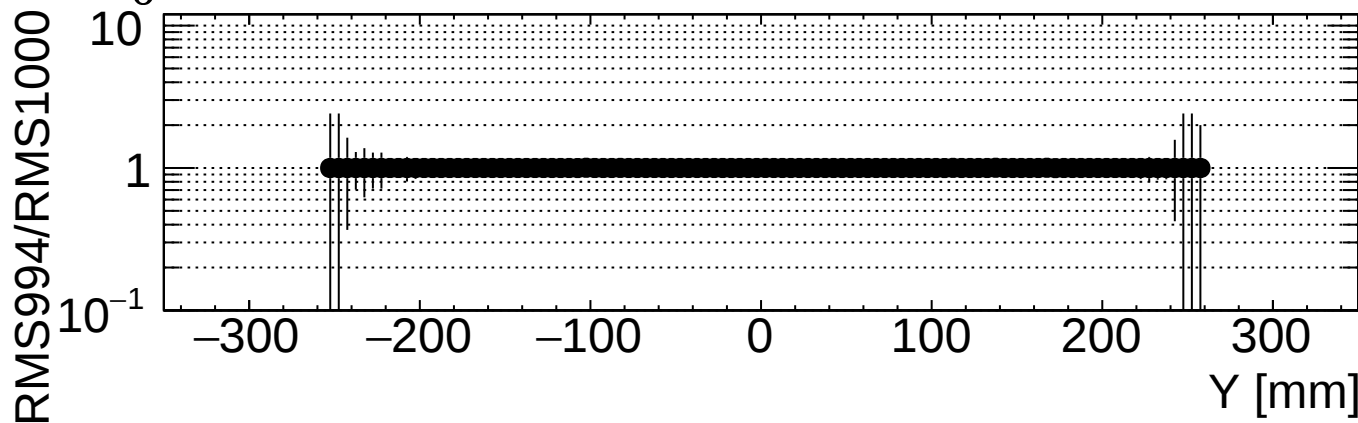
ECAL_Ygg_10ns5CoG

PADMEInternal

nPOT=9.34015e+09

30k POT/bunch, ZSup RMS on 994 s

30k POT/bunch, ZSup RMS on 1000



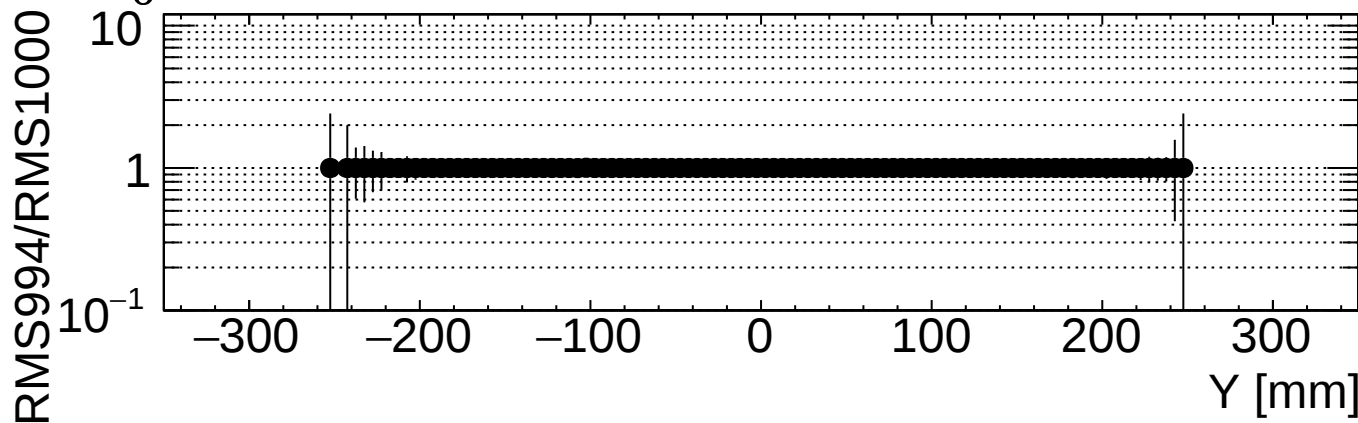
ECAL_Ygg_10ns5CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



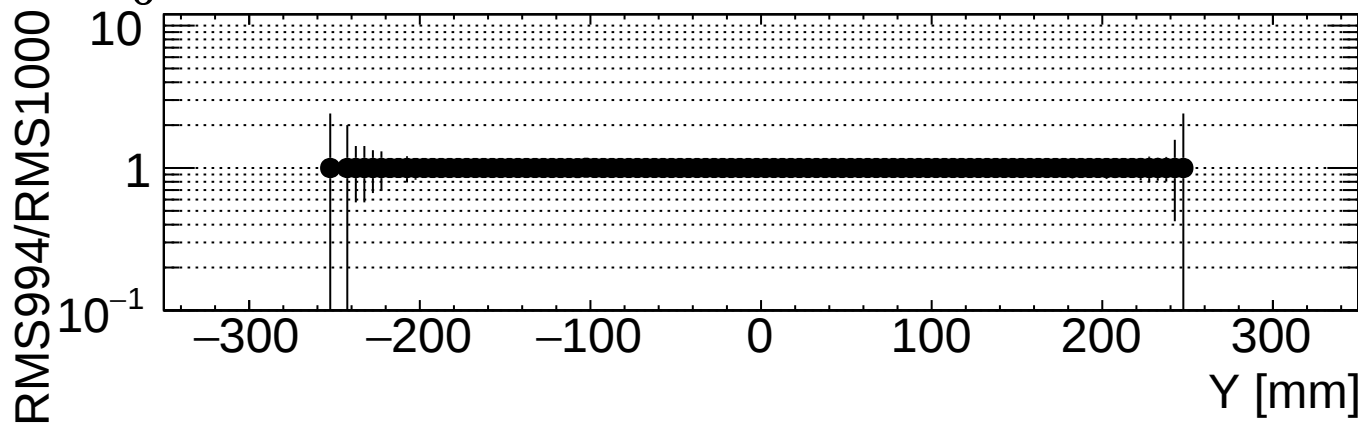
ECAL_Ygg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

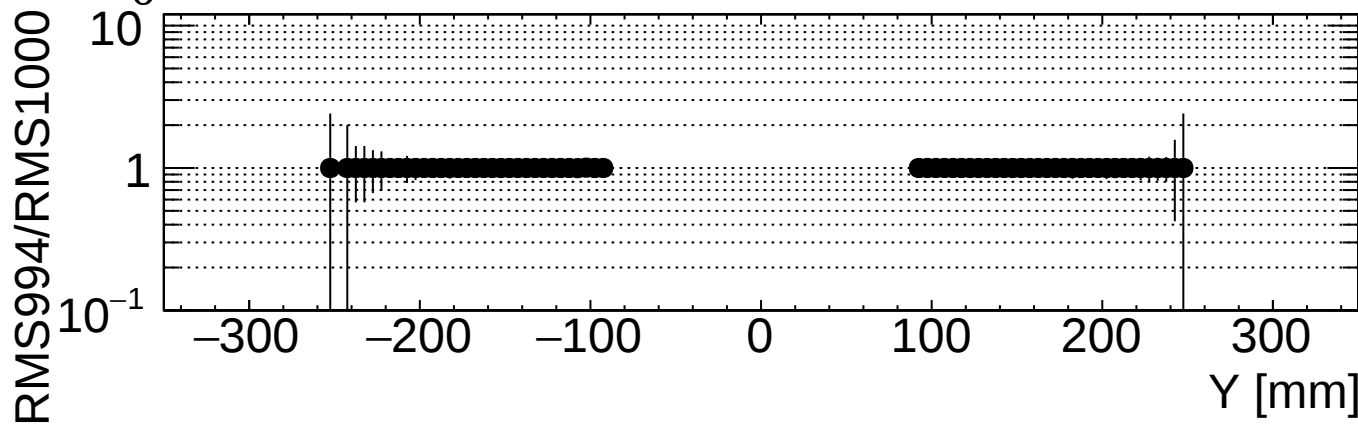


PADMEInternal

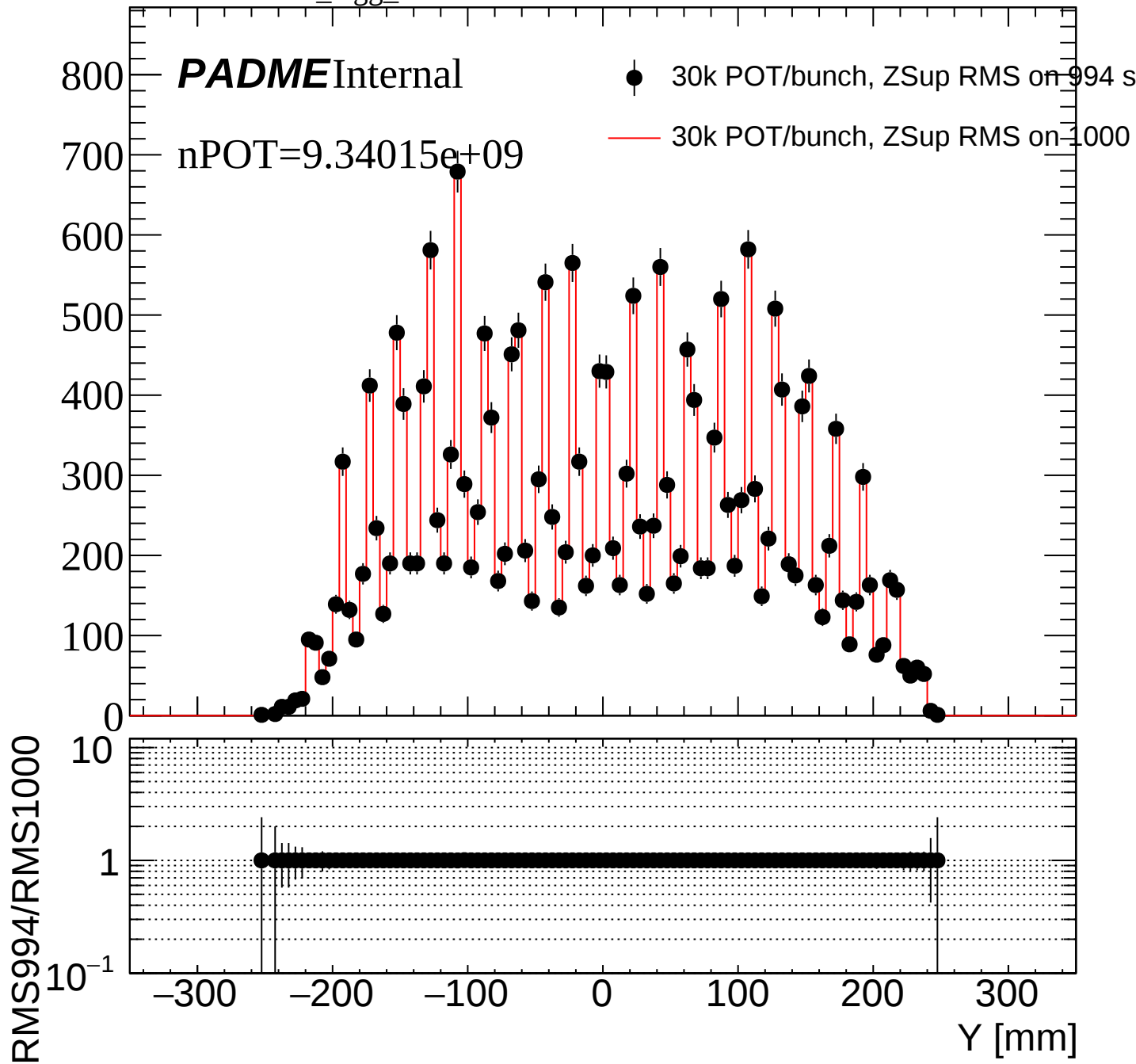
nPOT=9.34015e+09

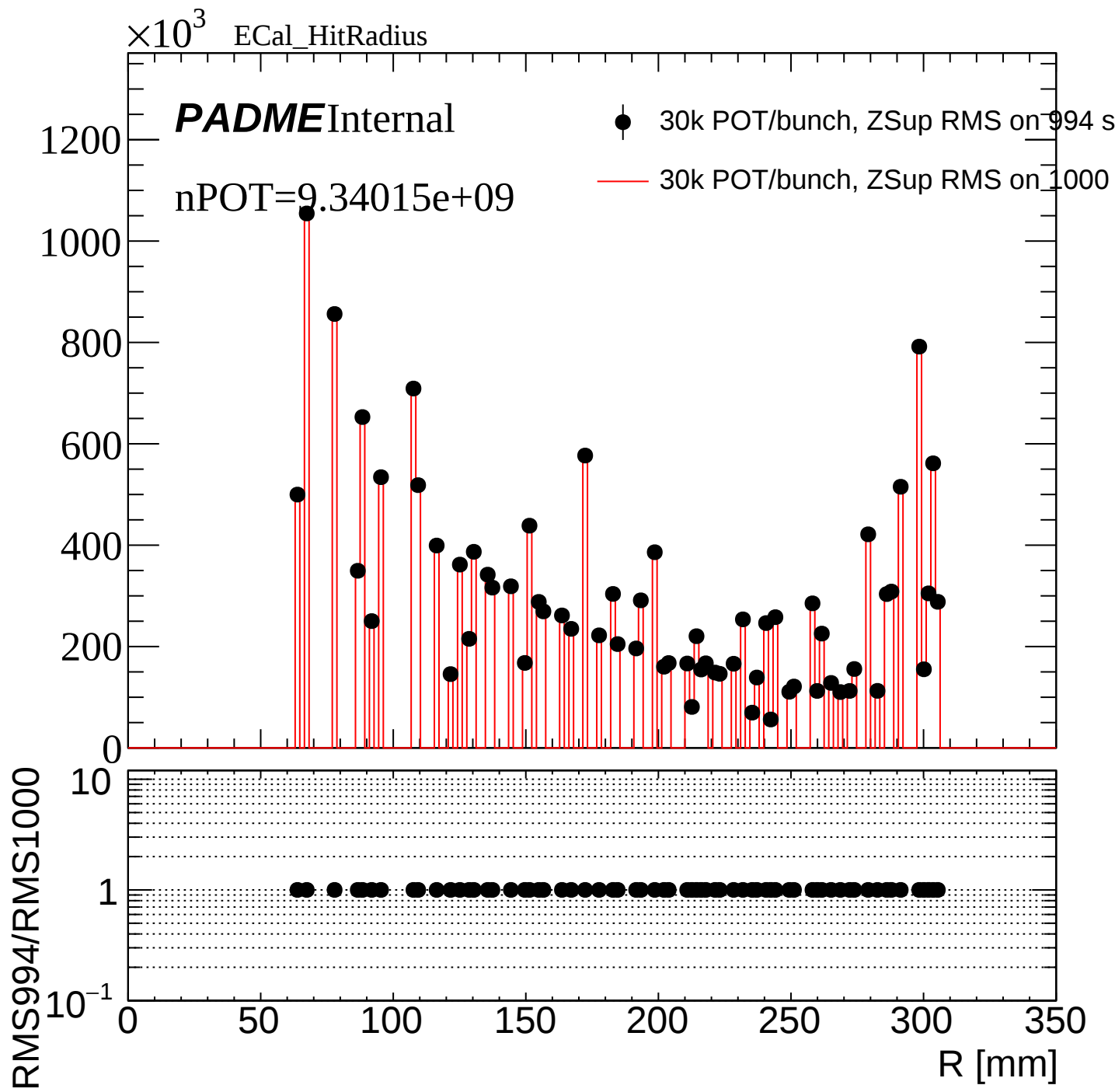
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Ygg_10ns5CoGEThr90





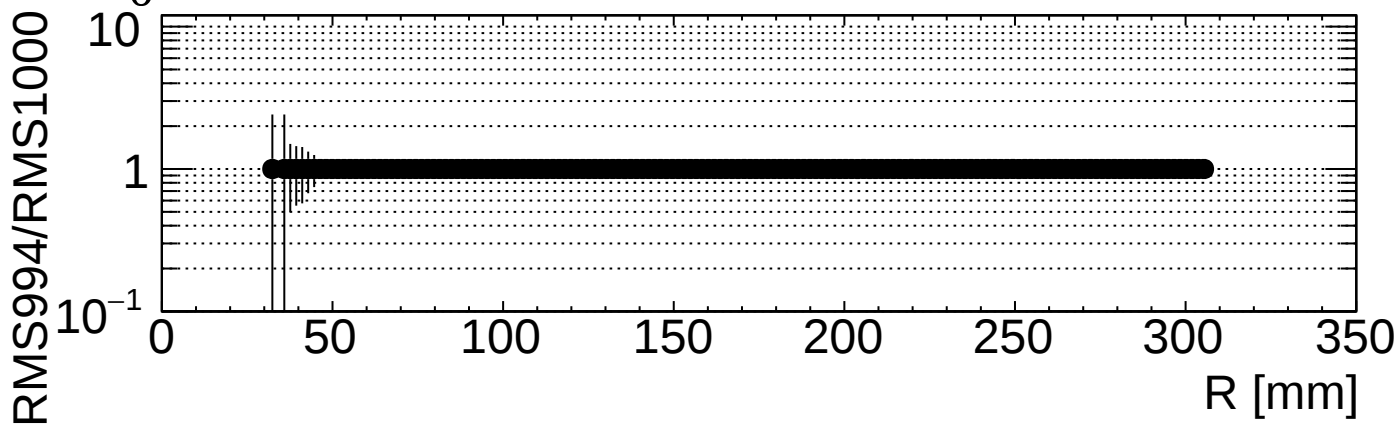
ECAL_RggAllClusters

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Rgg_10ns

6000

PADMEInternal

● 30k POT/bunch, ZSup RMS on 994 s

5000

nPOT=9.34015e+09

— 30k POT/bunch, ZSup RMS on 1000

4000

3000

2000

1000

0

RMS994/RMS1000

10

1

10⁻¹

0

50

100

150

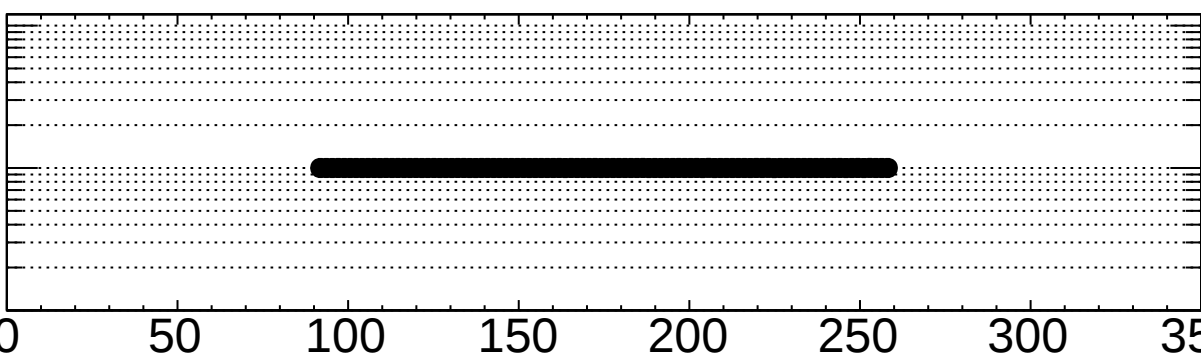
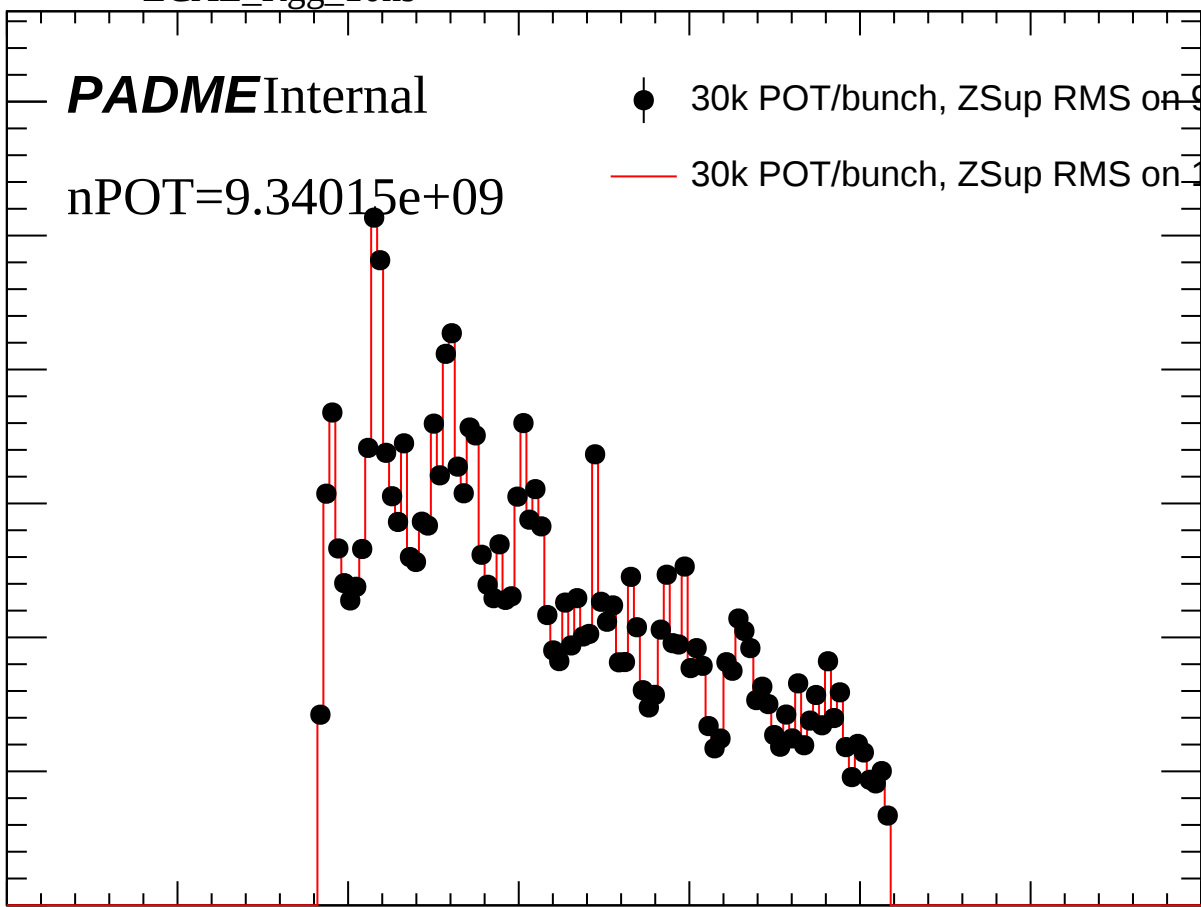
200

250

300

350

R [mm]



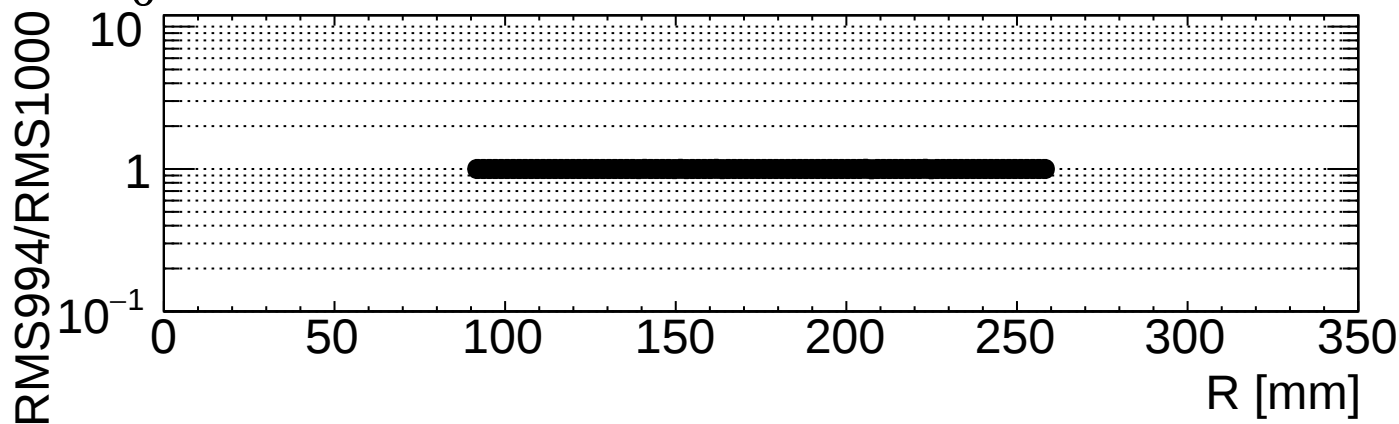
ECAL_Rgg_10ns20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



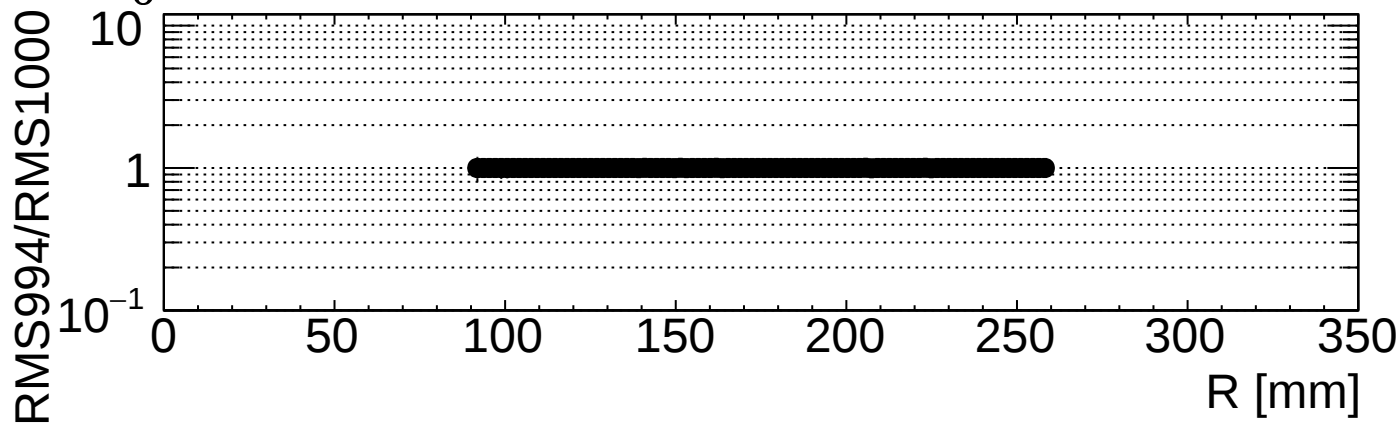
ECAL_Rgg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



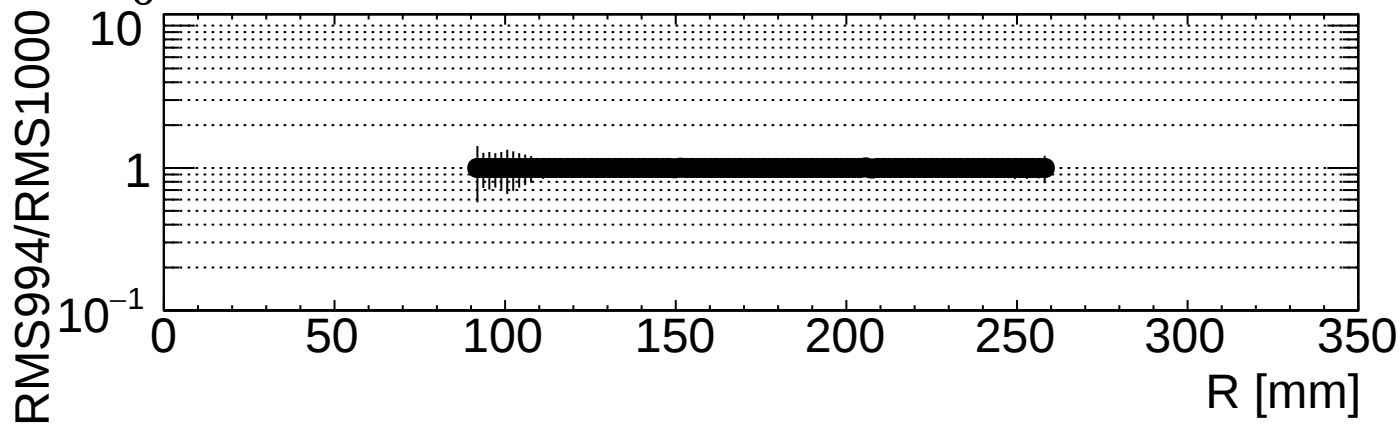
ECAL_Rgg_10ns1CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Rgg_10ns1CoGEThr90

300

PADMEInternal

● 30k POT/bunch, ZSup RMS on 994 s

250

nPOT=9.34015e+09

— 30k POT/bunch, ZSup RMS on 1000

200

150

100

50

0

RMS994/RMS1000

10

1

10⁻¹

0

50

100

150

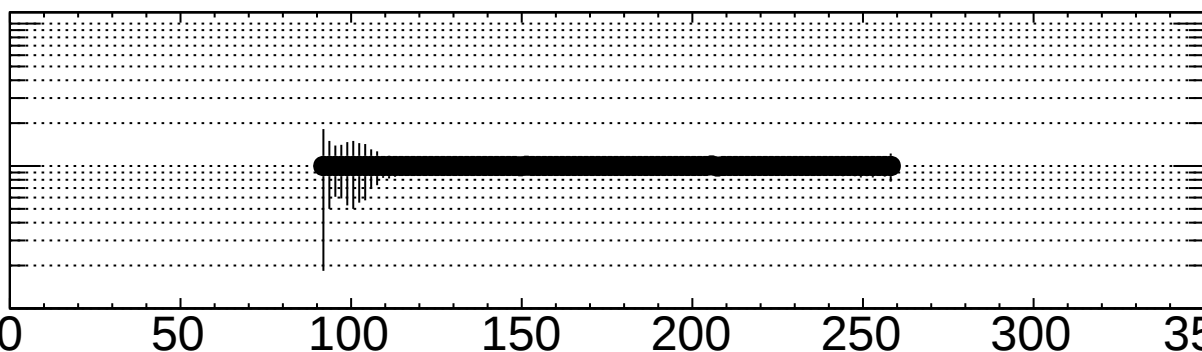
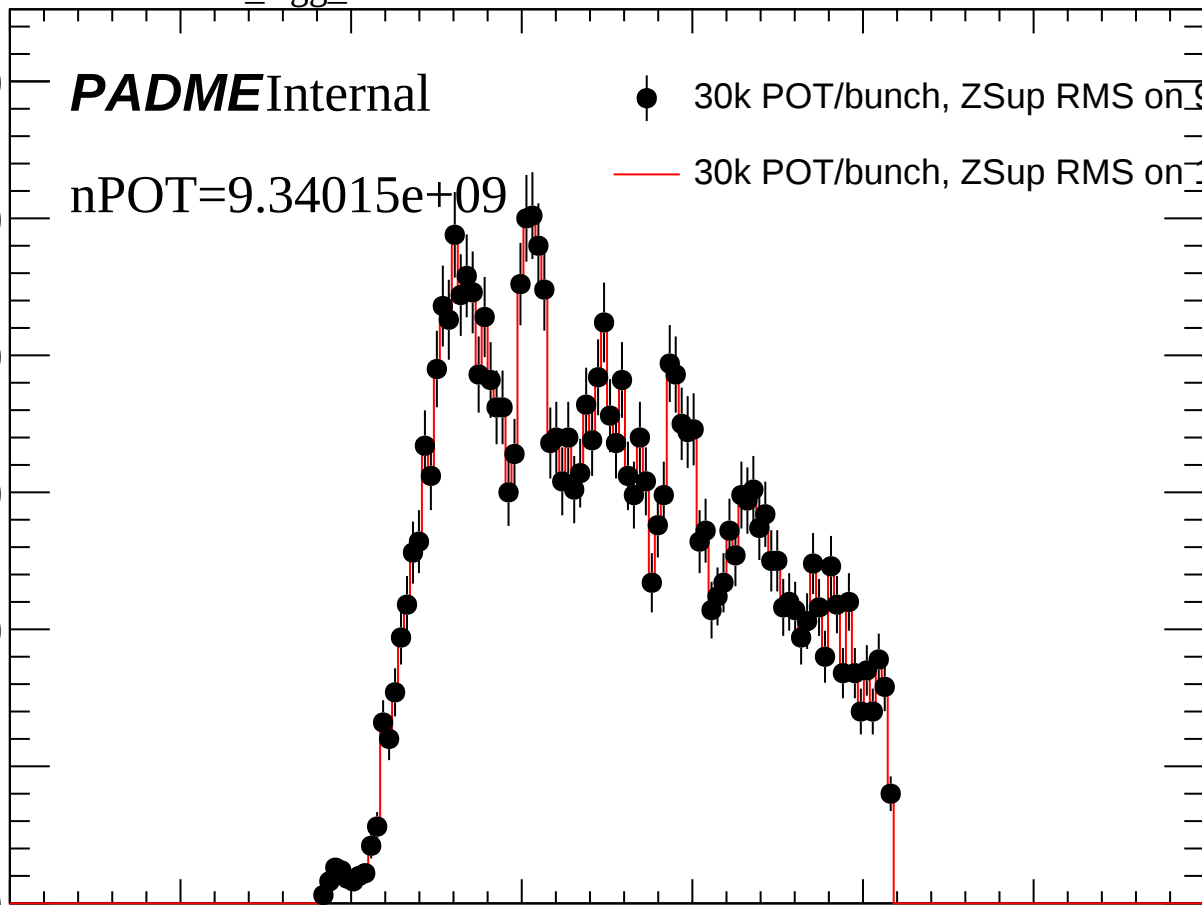
200

250

300

350

R [mm]



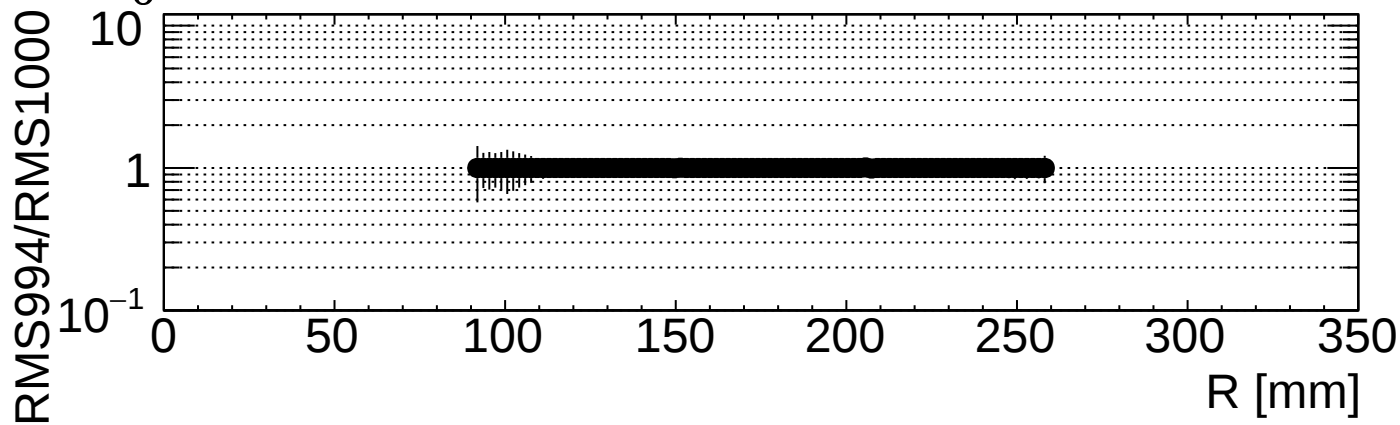
ECAL_Rgg_10ns1CoG20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



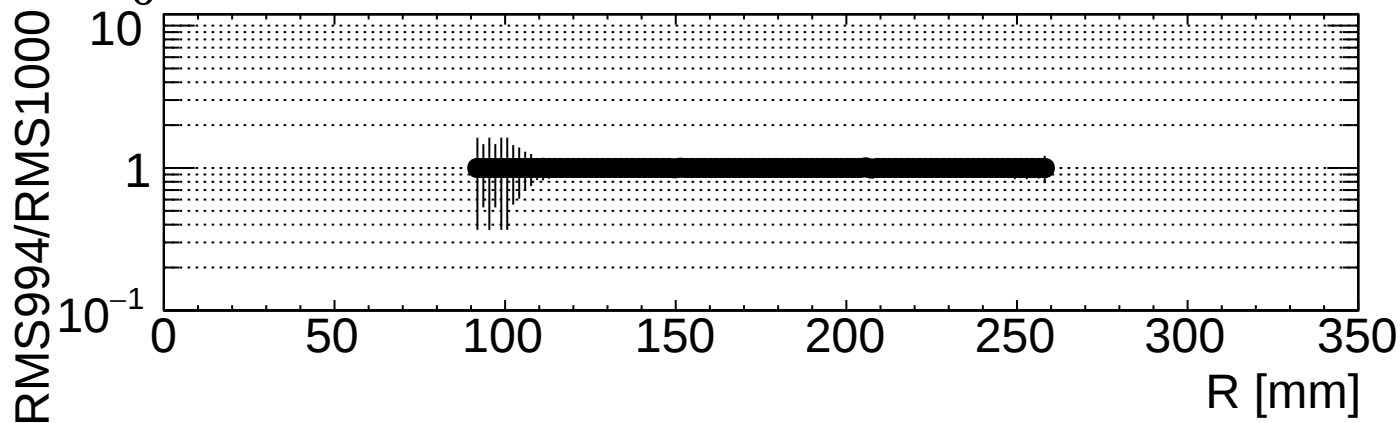
ECAL_Rgg_10ns1CoG20DegreeDeltaTheta

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



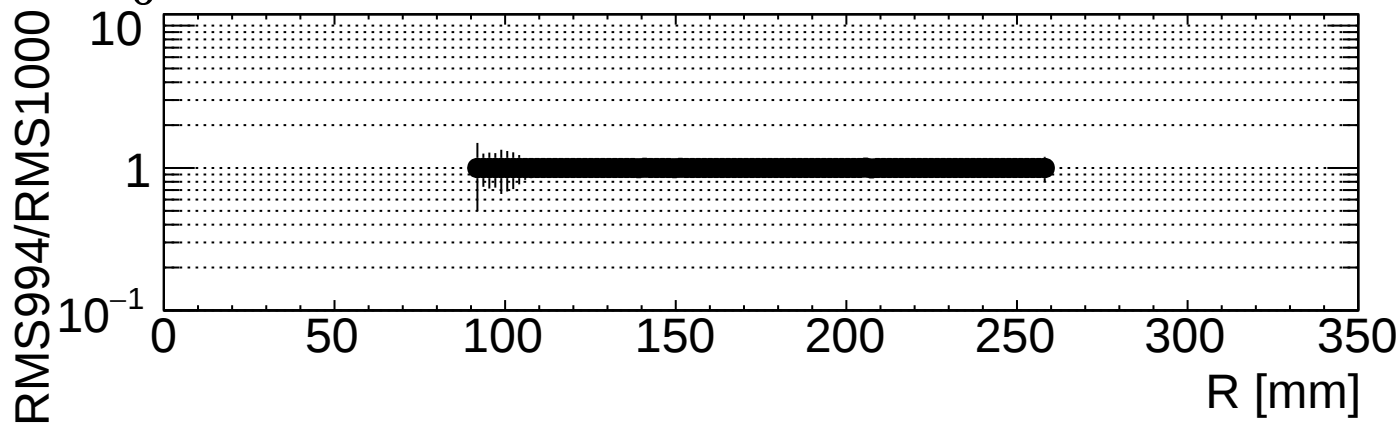
ECAL_Rgg_10ns5DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



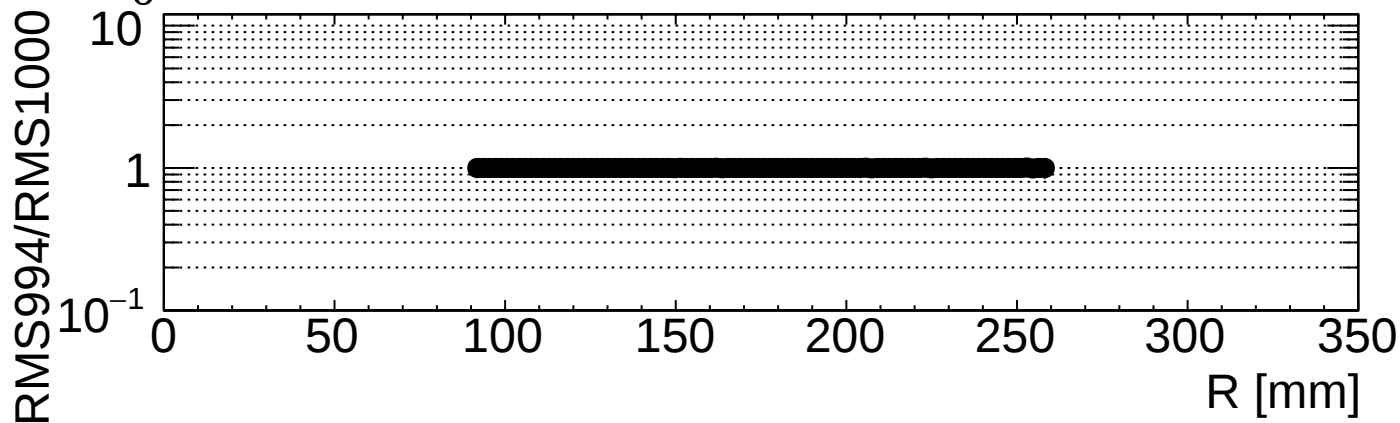
ECAL_Rgg_10ns3CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



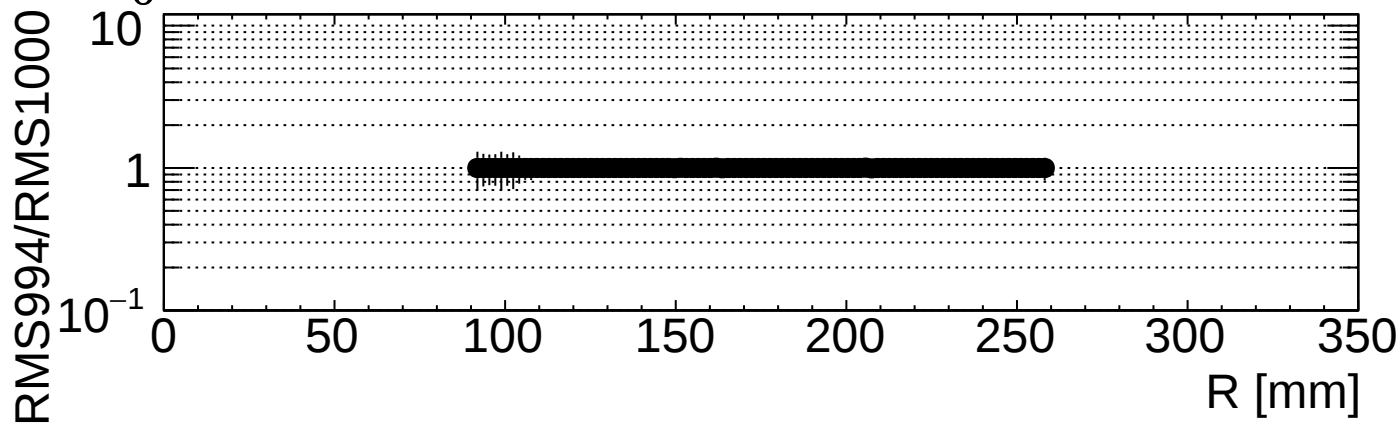
ECAL_Rgg_10ns3CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



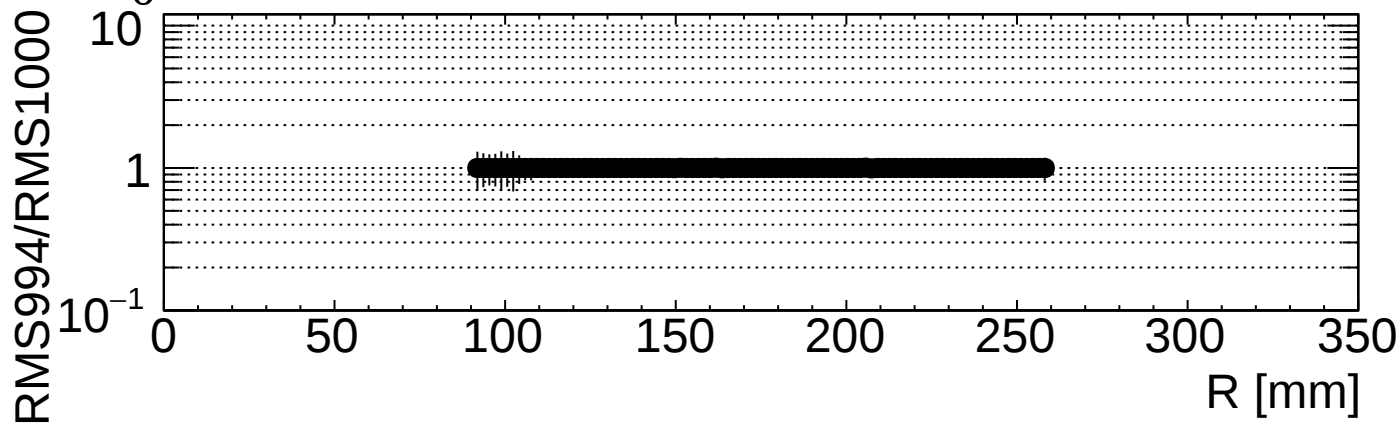
ECAL_Rgg_10ns3CoGUnderPeakEThr90

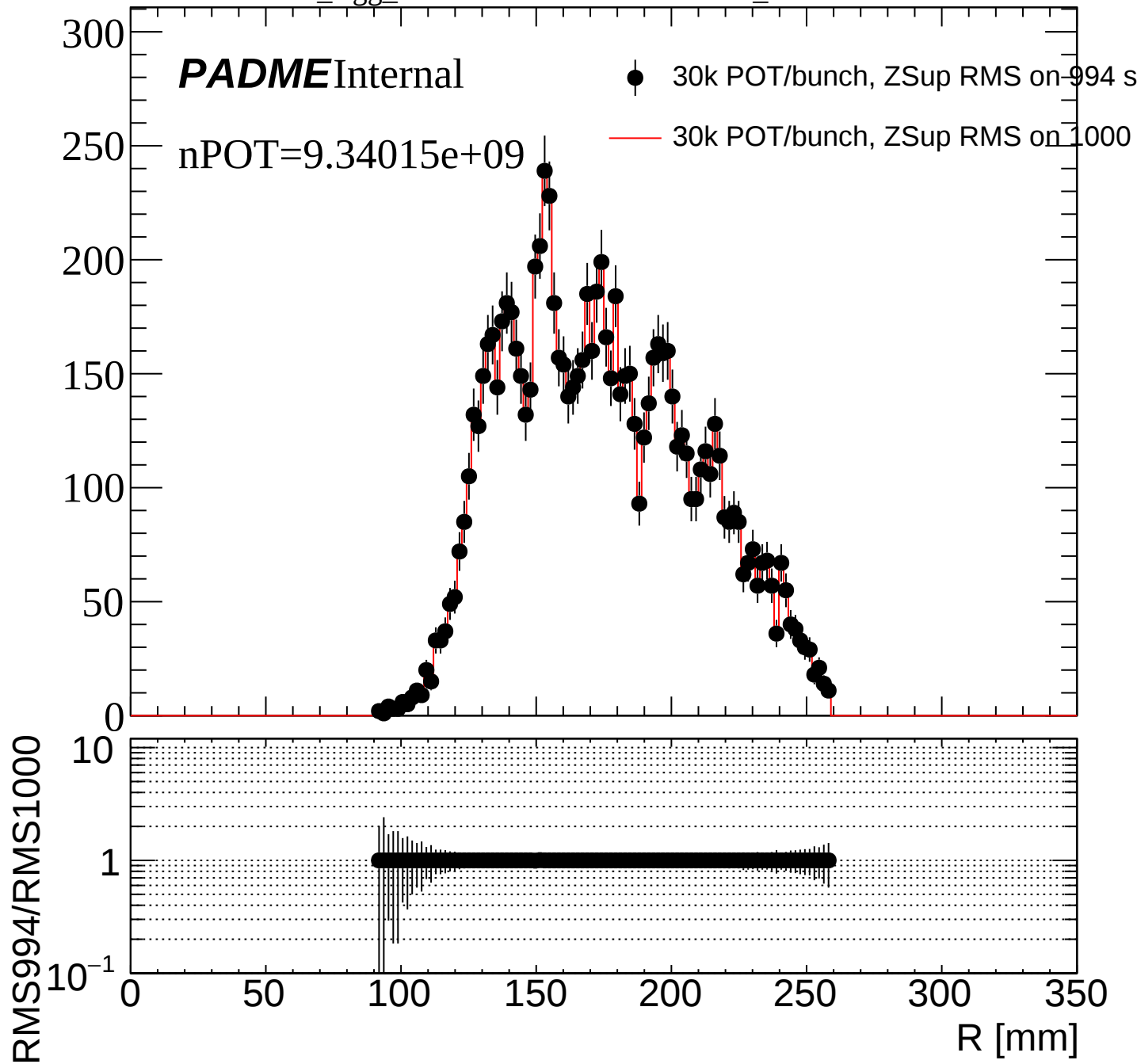
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





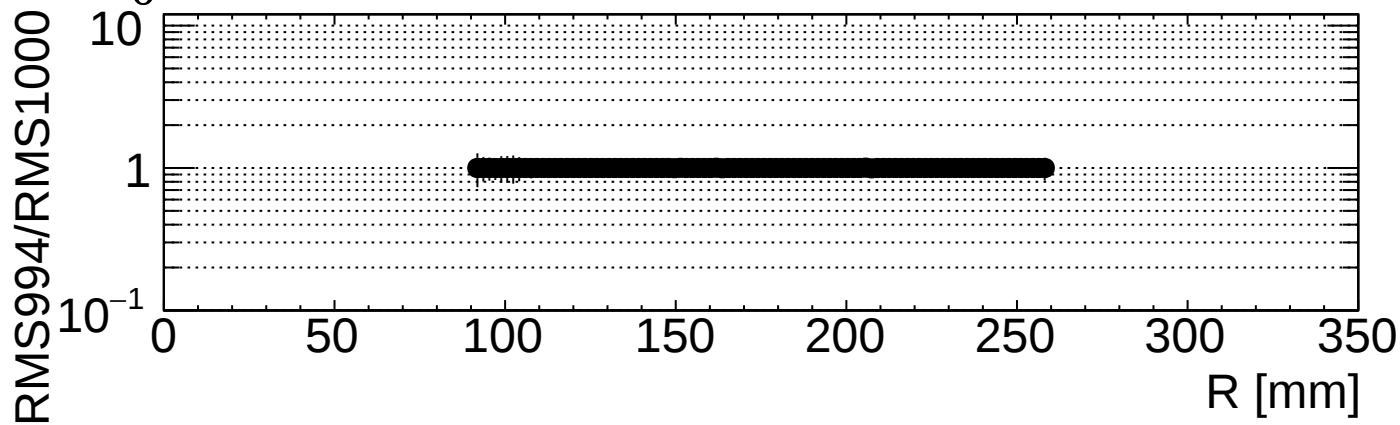
ECAL_Rgg_10ns3CoGEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



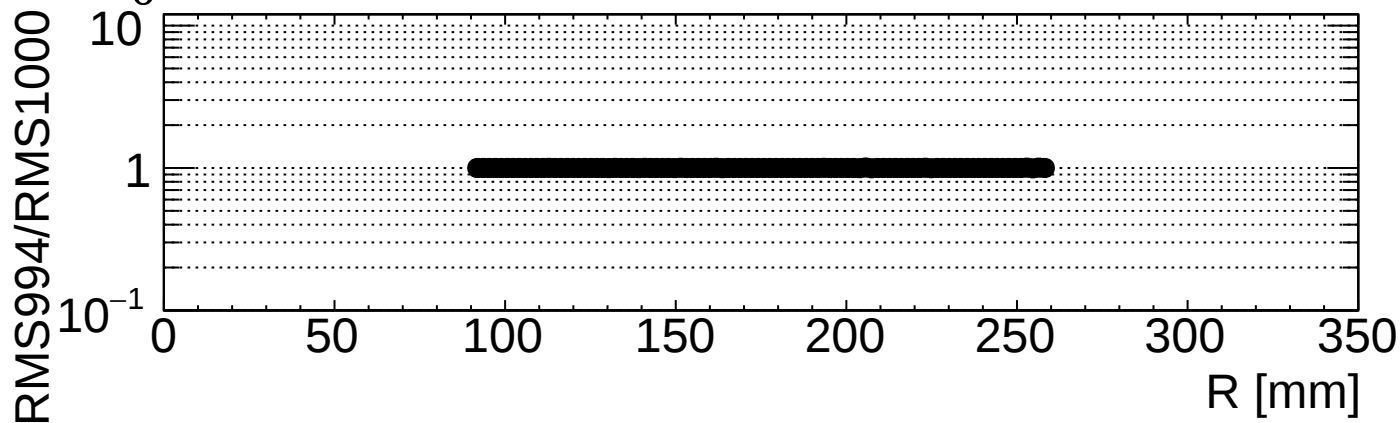
ECAL_Rgg_10ns5CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



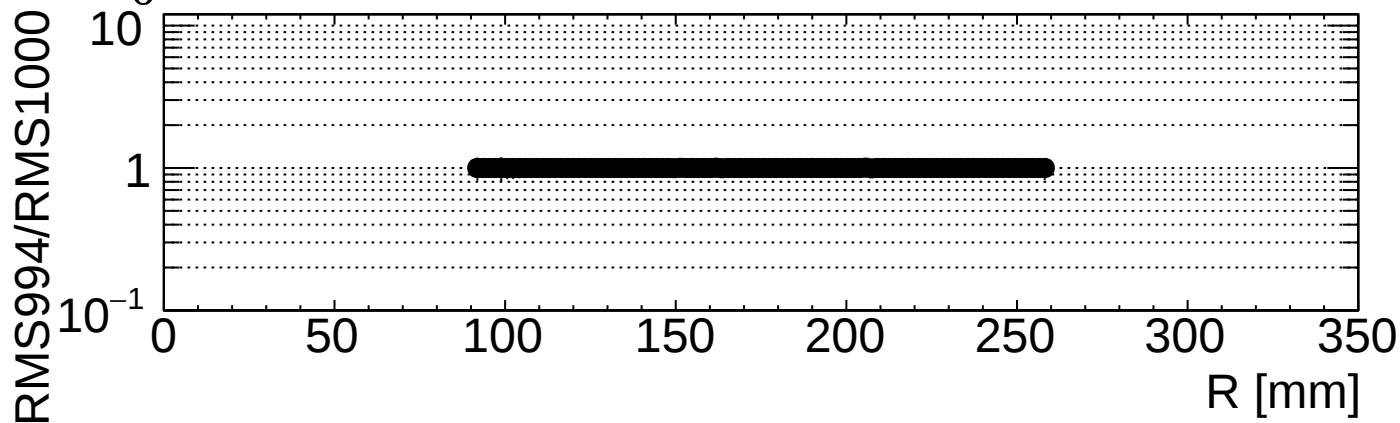
ECAL_Rgg_10ns5CoGUnderPeak

PADMEInternal

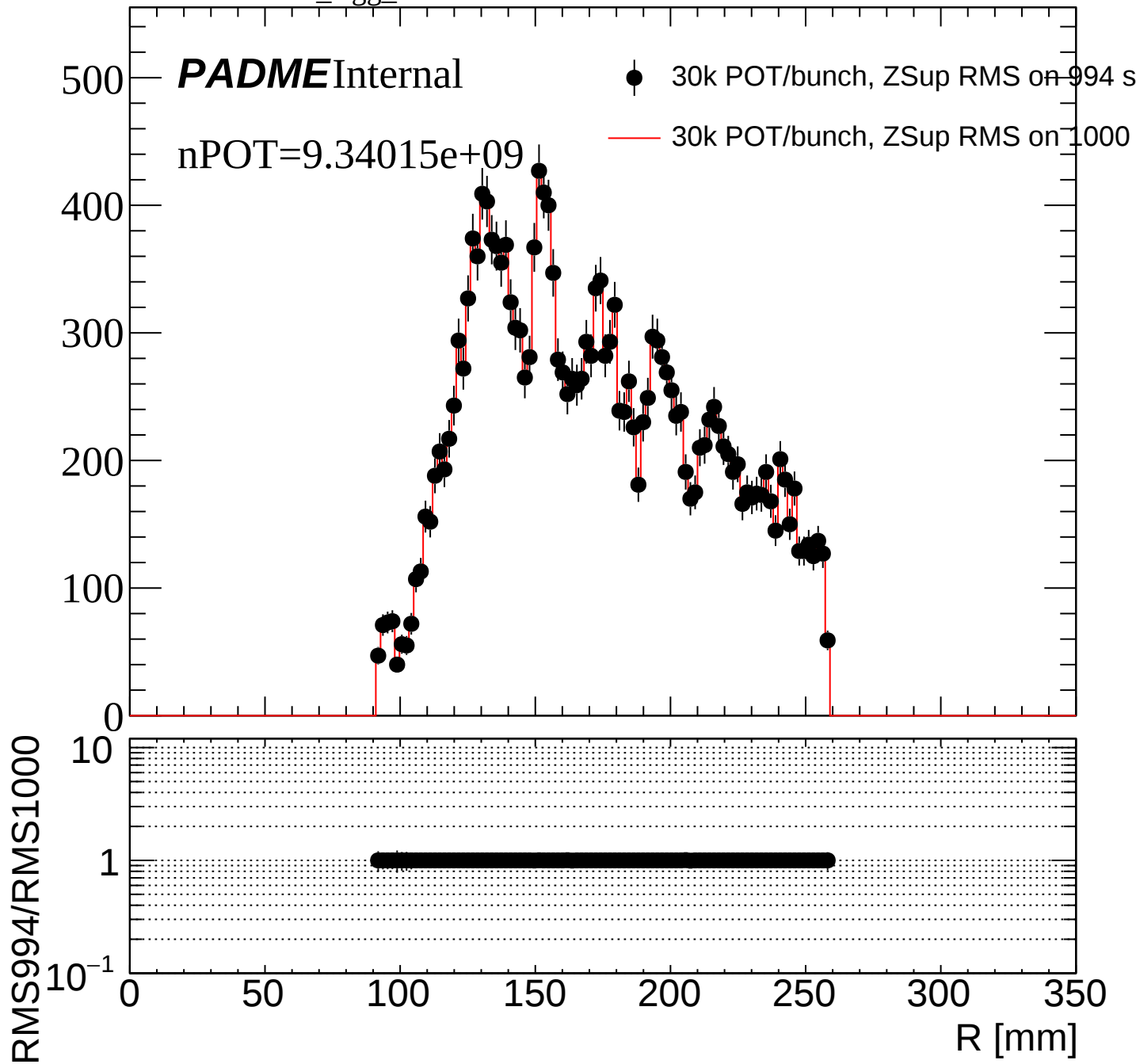
nPOT=9.34015e+09

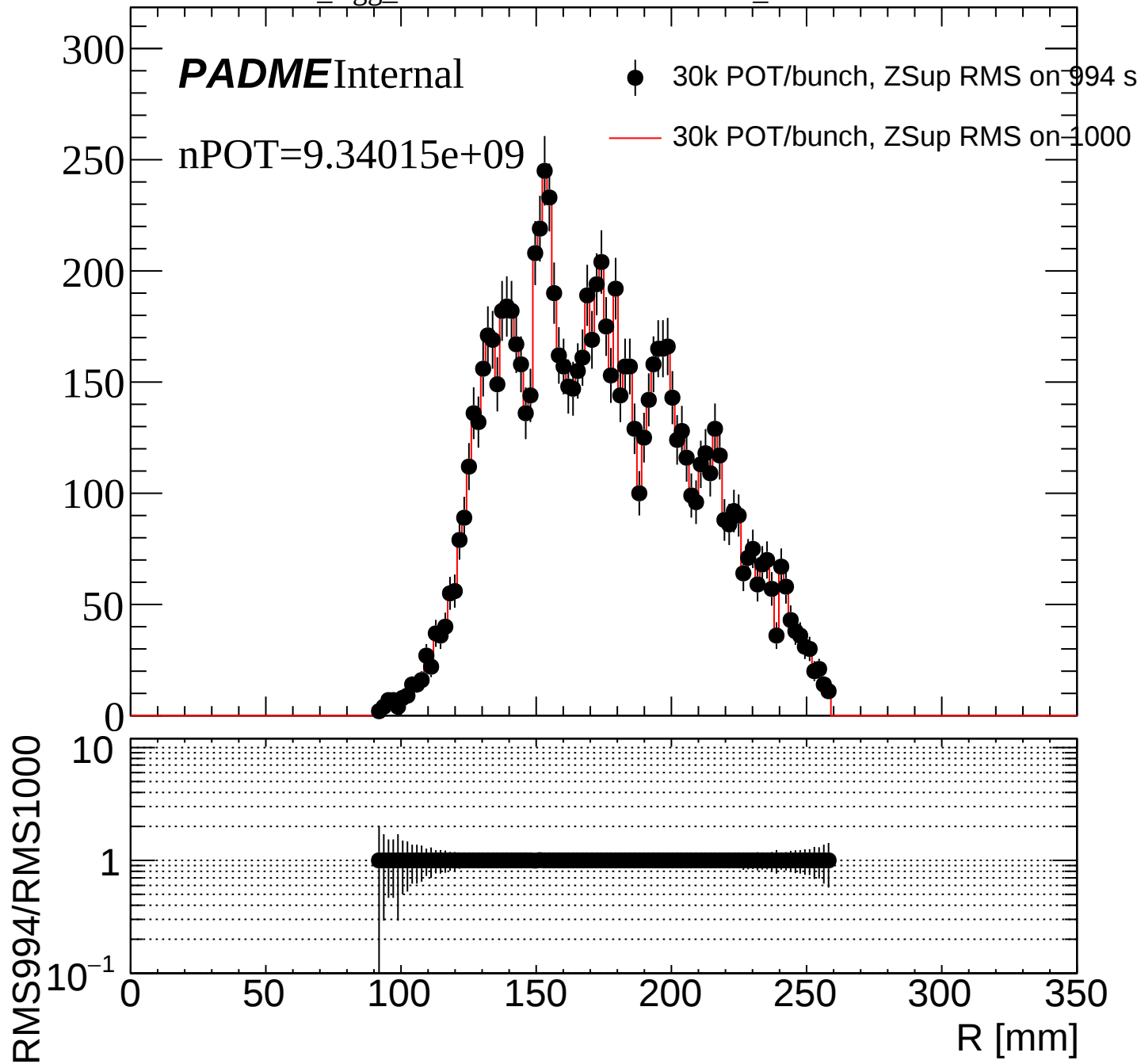
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Rgg_10ns5CoGUnderPeakEThr90



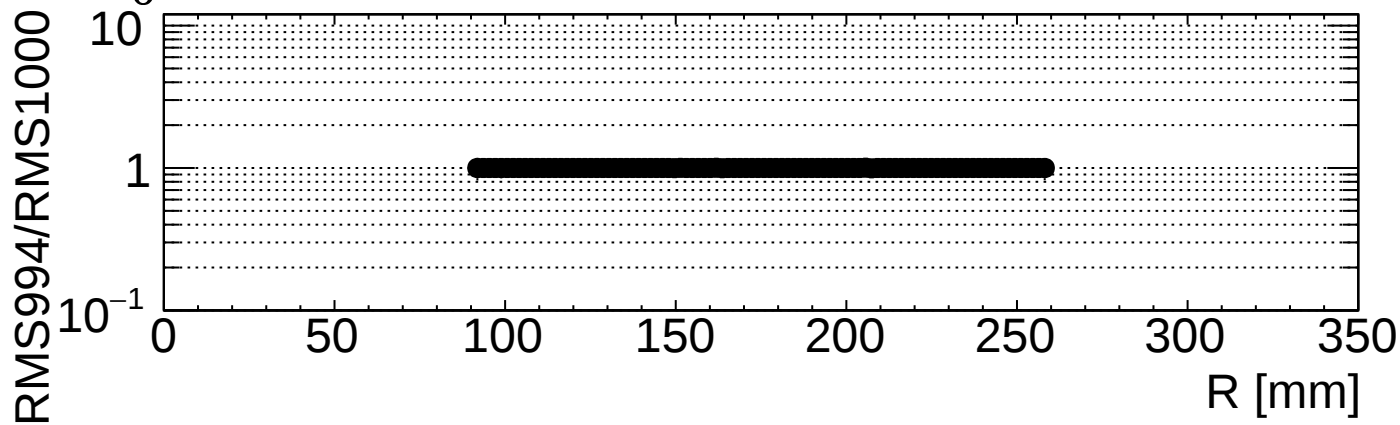


PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



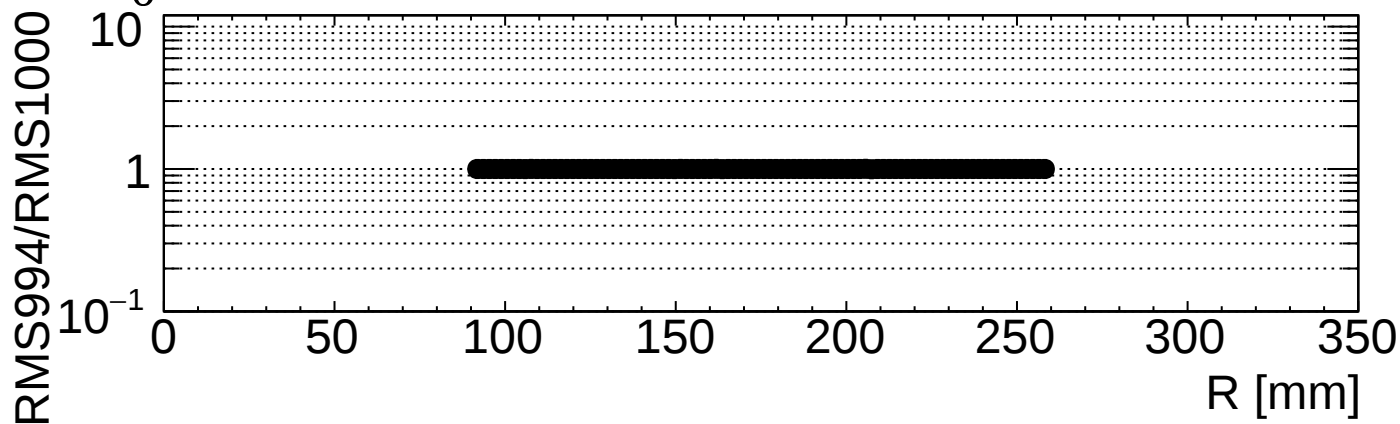
ECAL_Rgg_10nsUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



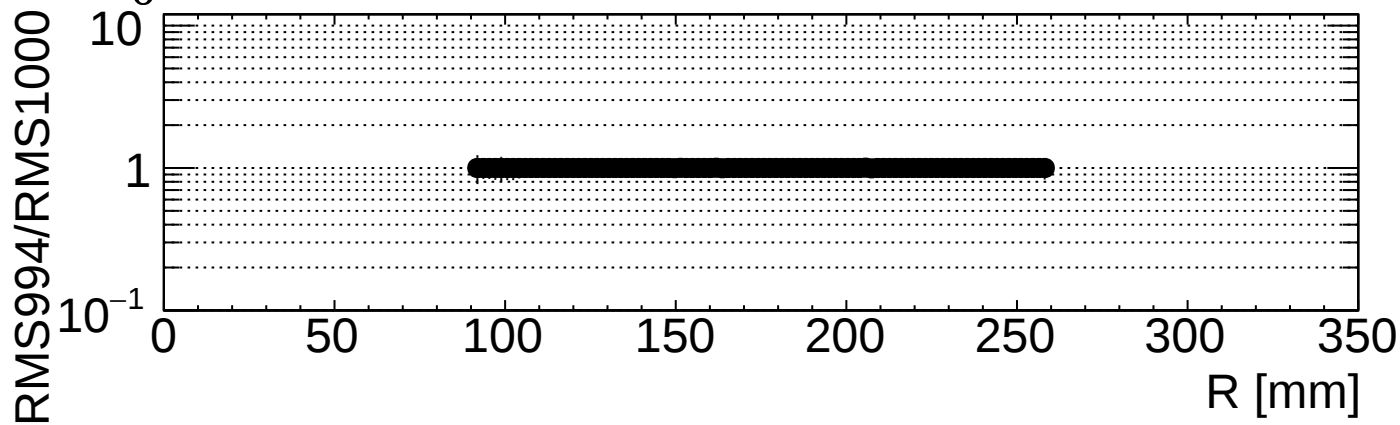
ECAL_Rgg_10ns20DegreeUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



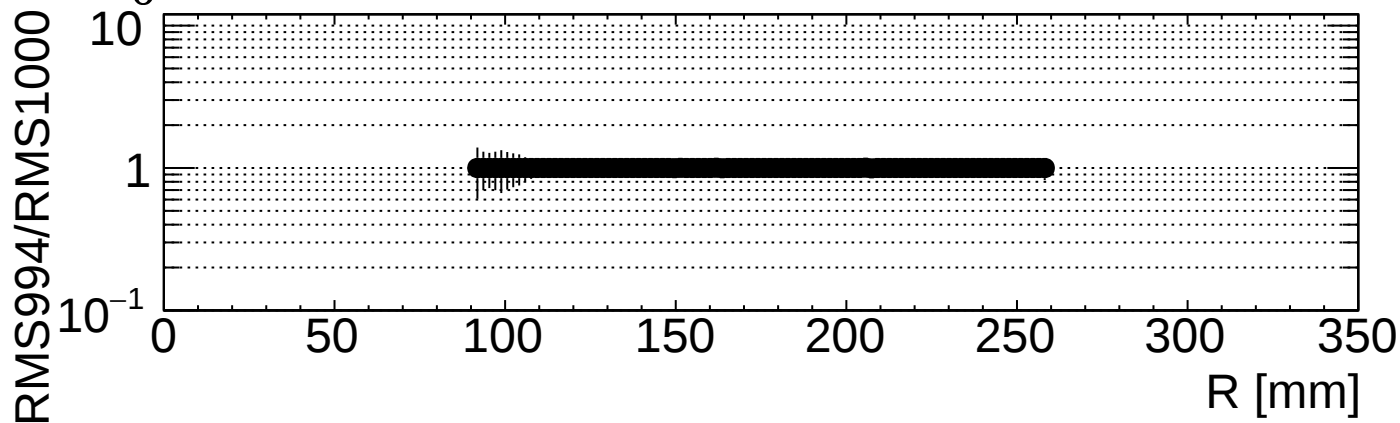
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



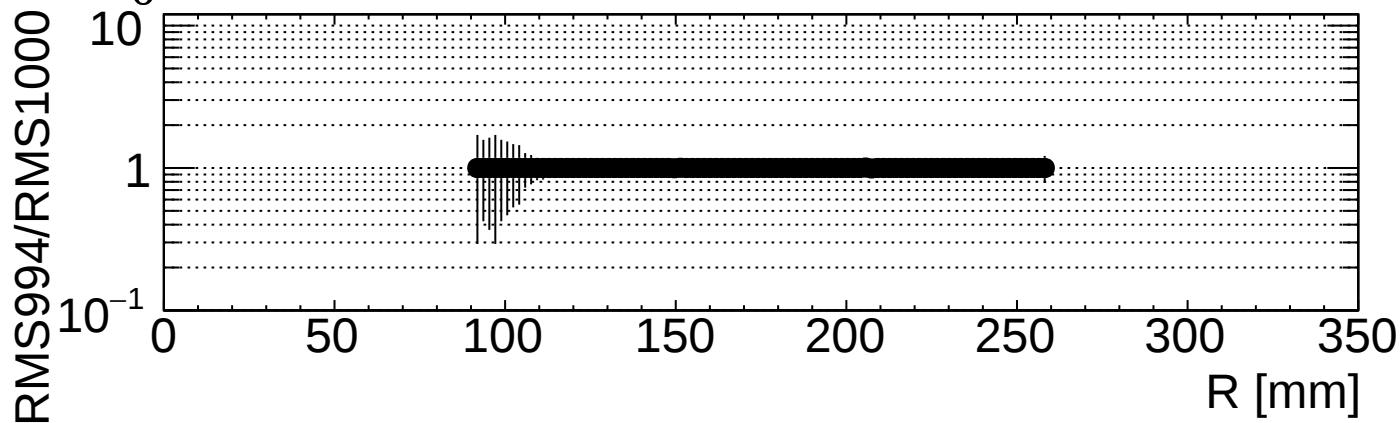
ECAL_Rgg_10ns5DegreeDeltaThetaUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



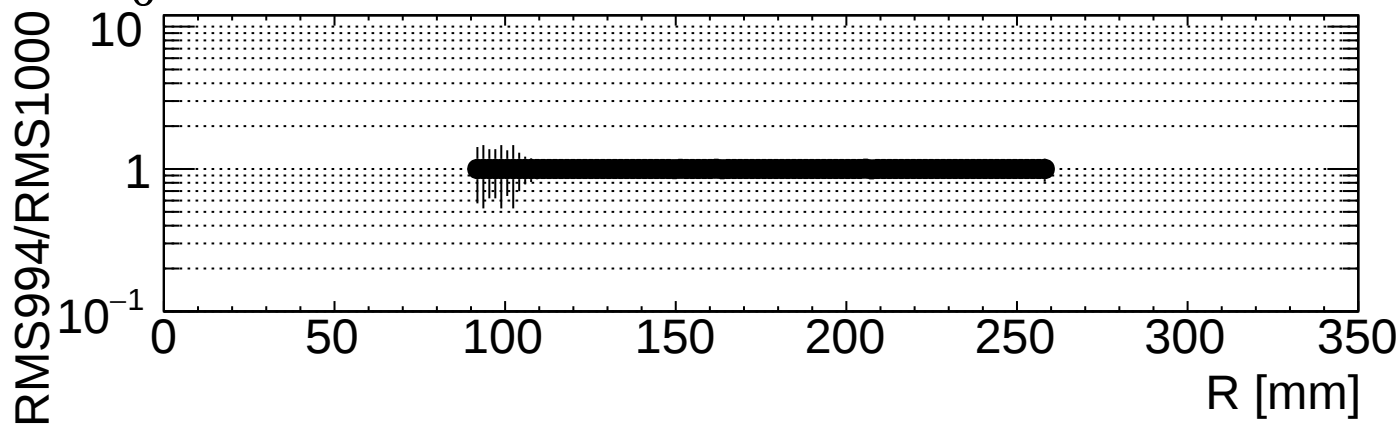
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



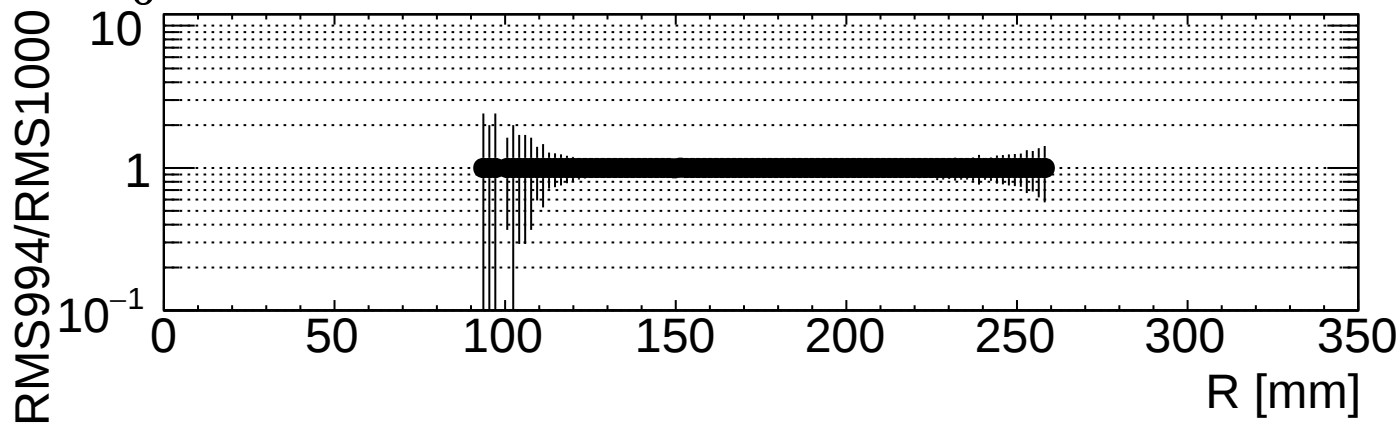
ECAL_Rgg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



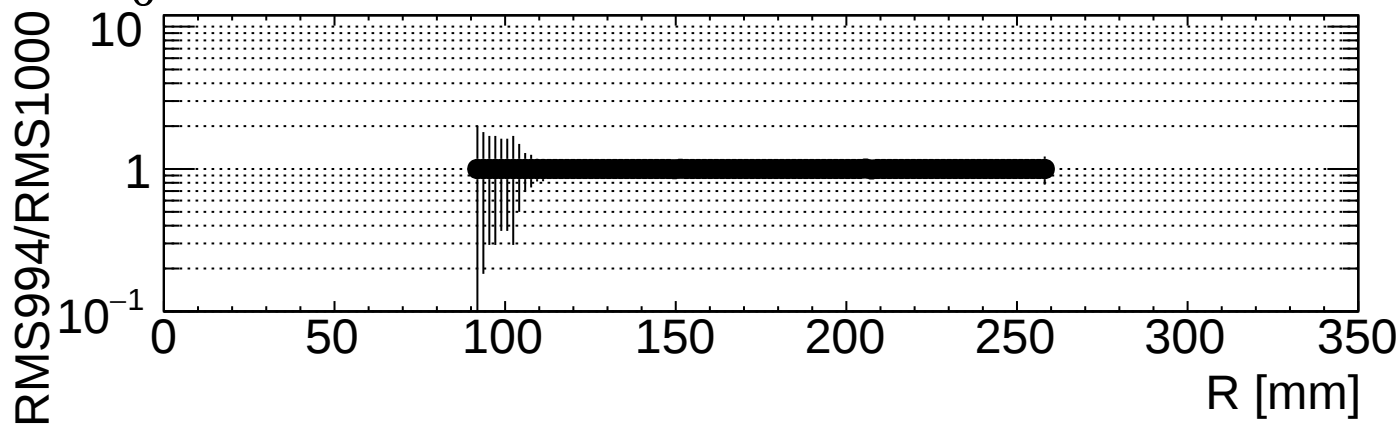
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PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



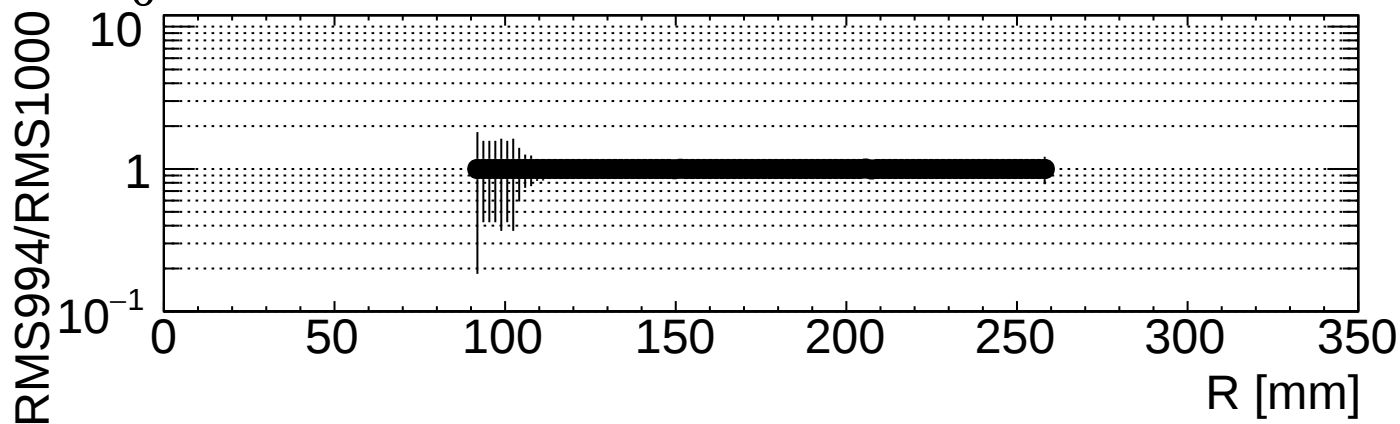
ECAL_Rgg_10ns5DegreeDeltaThetaEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



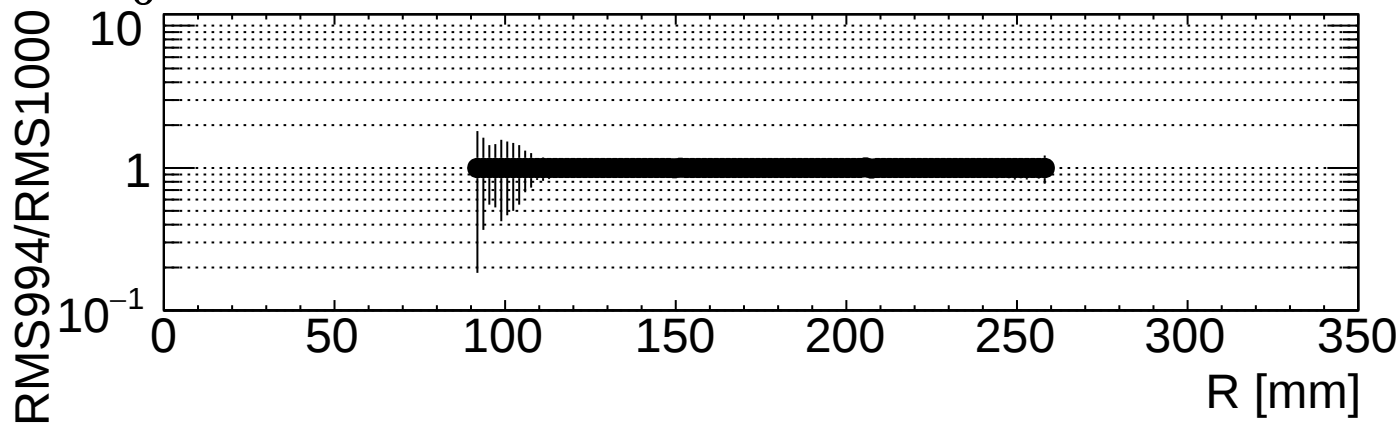
ECAL_Rgg_10ns1CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



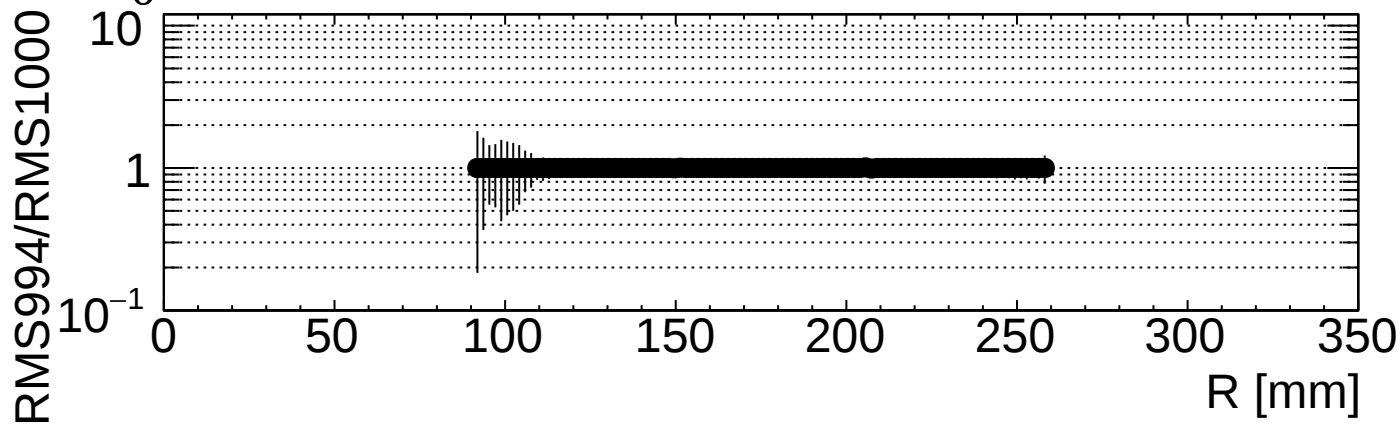
ECAL_Rgg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



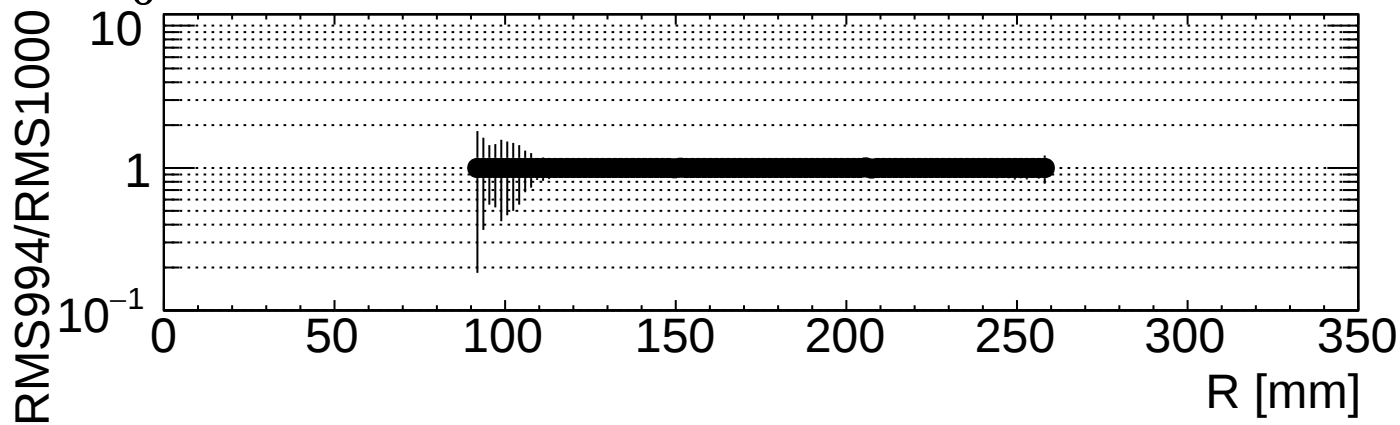
ECAL_Rgg_10ns1CoG20DegreeUnderPeak

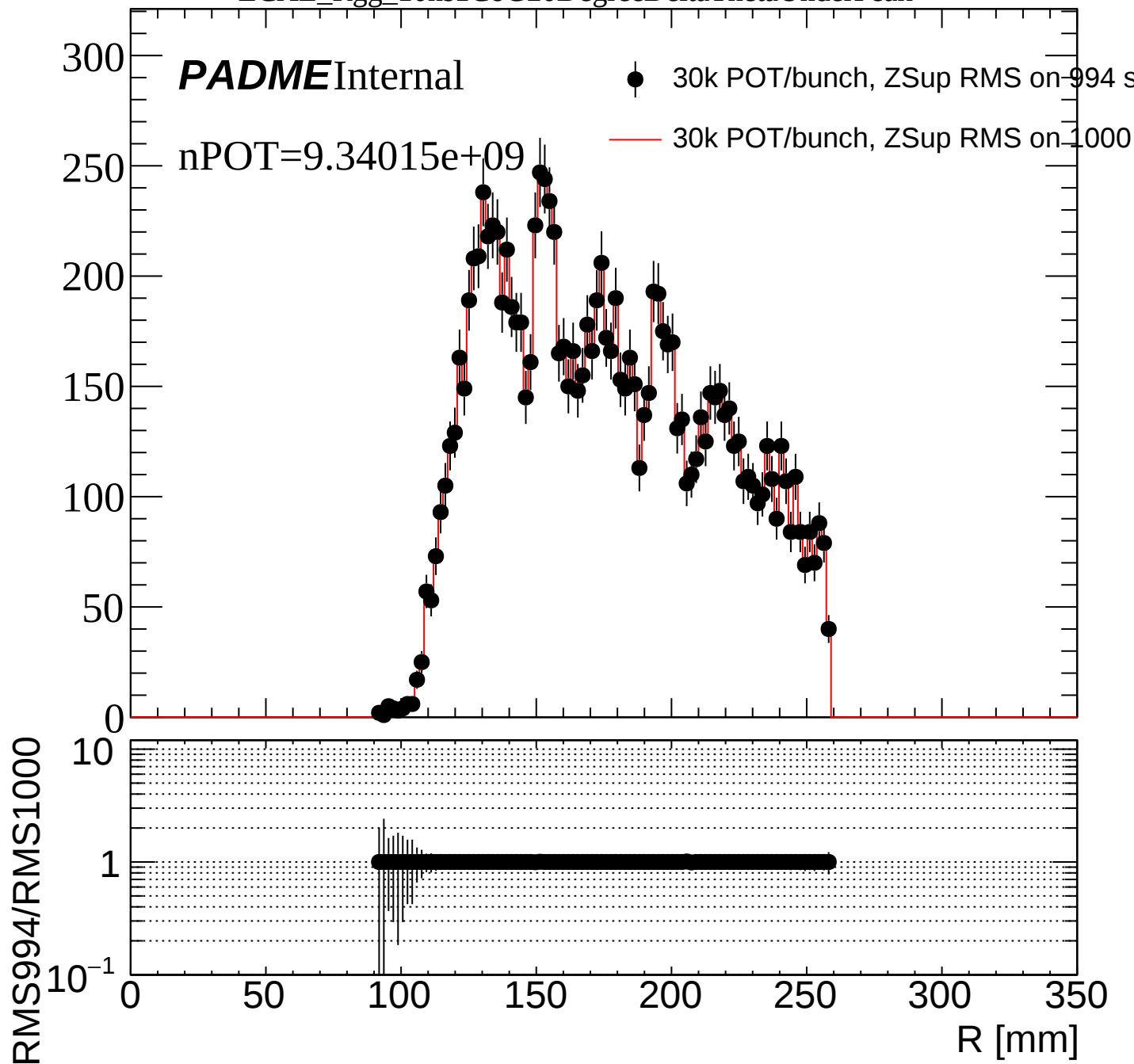
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





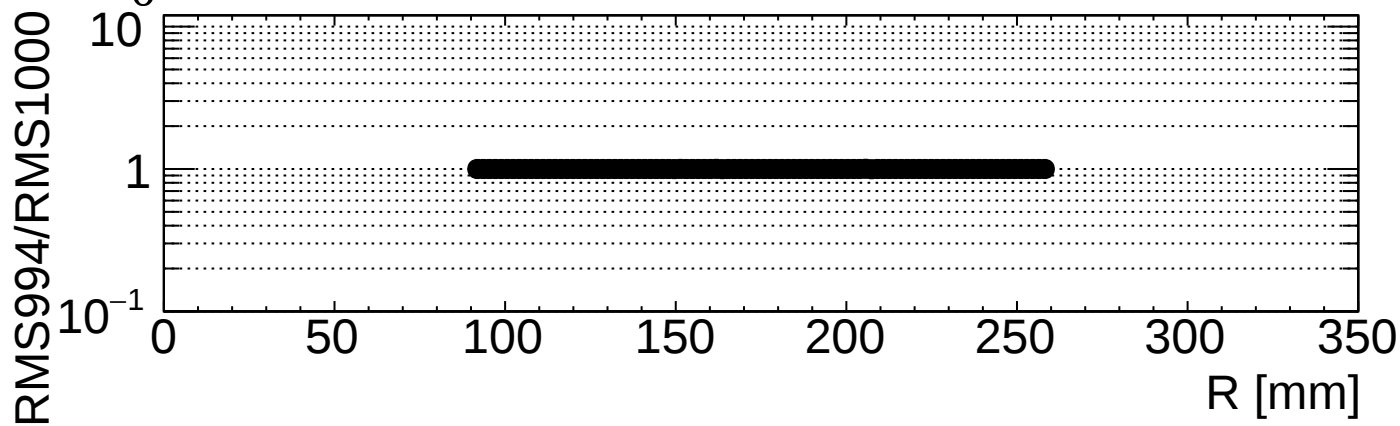
ECAL_Rgg_10nsEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



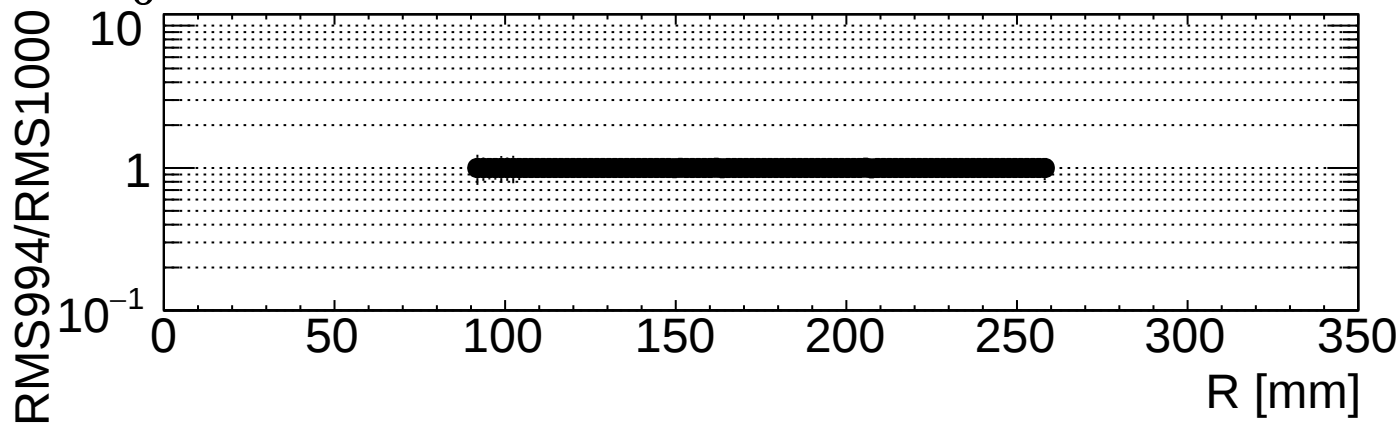
ECAL_Rgg_10ns20DegreeEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



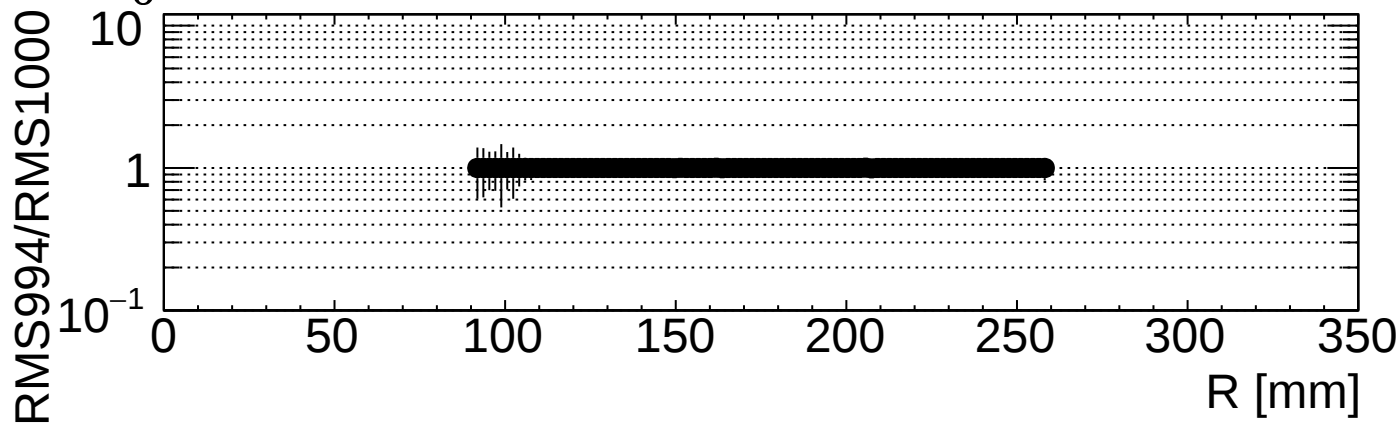
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PADME Internal

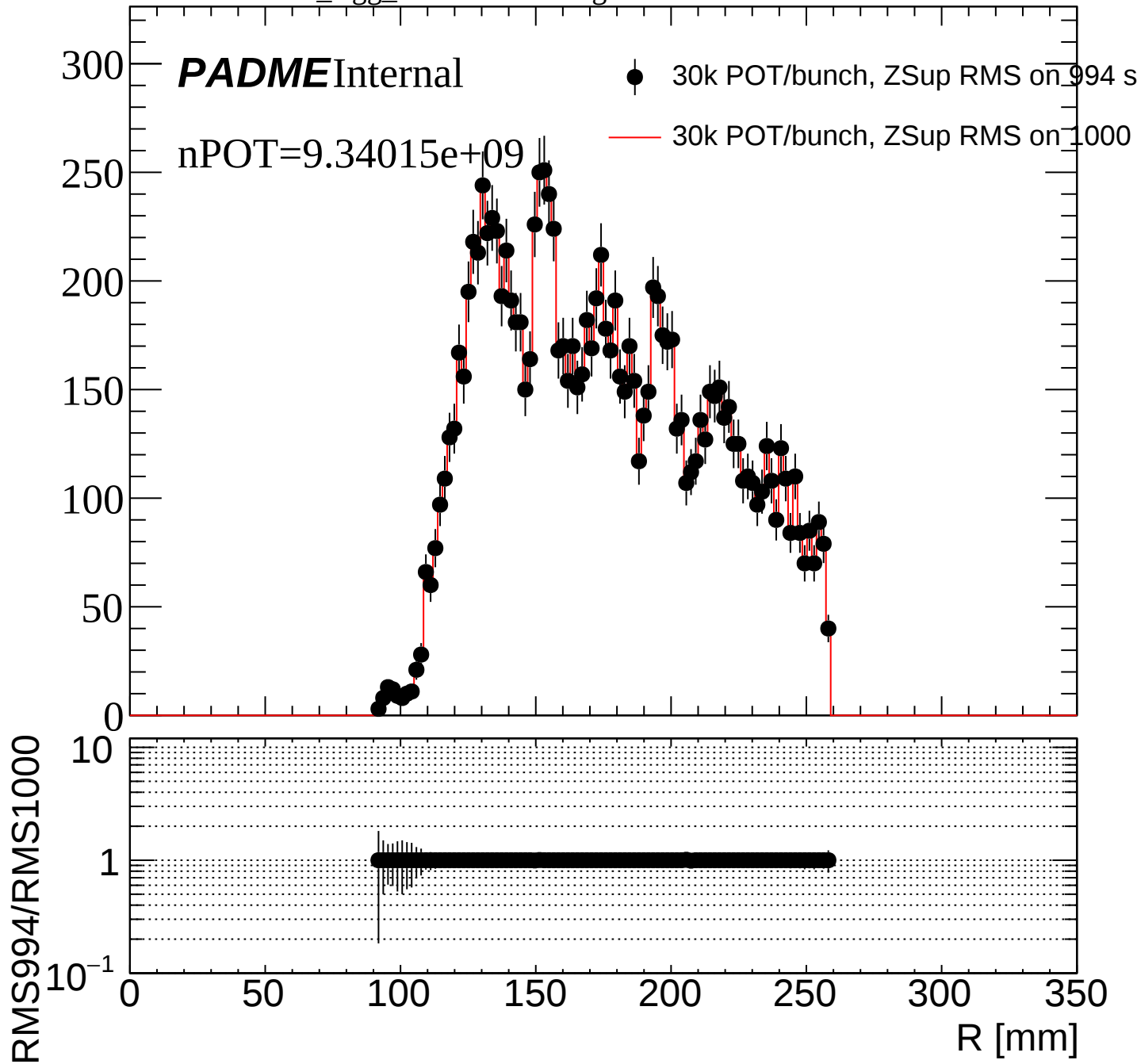
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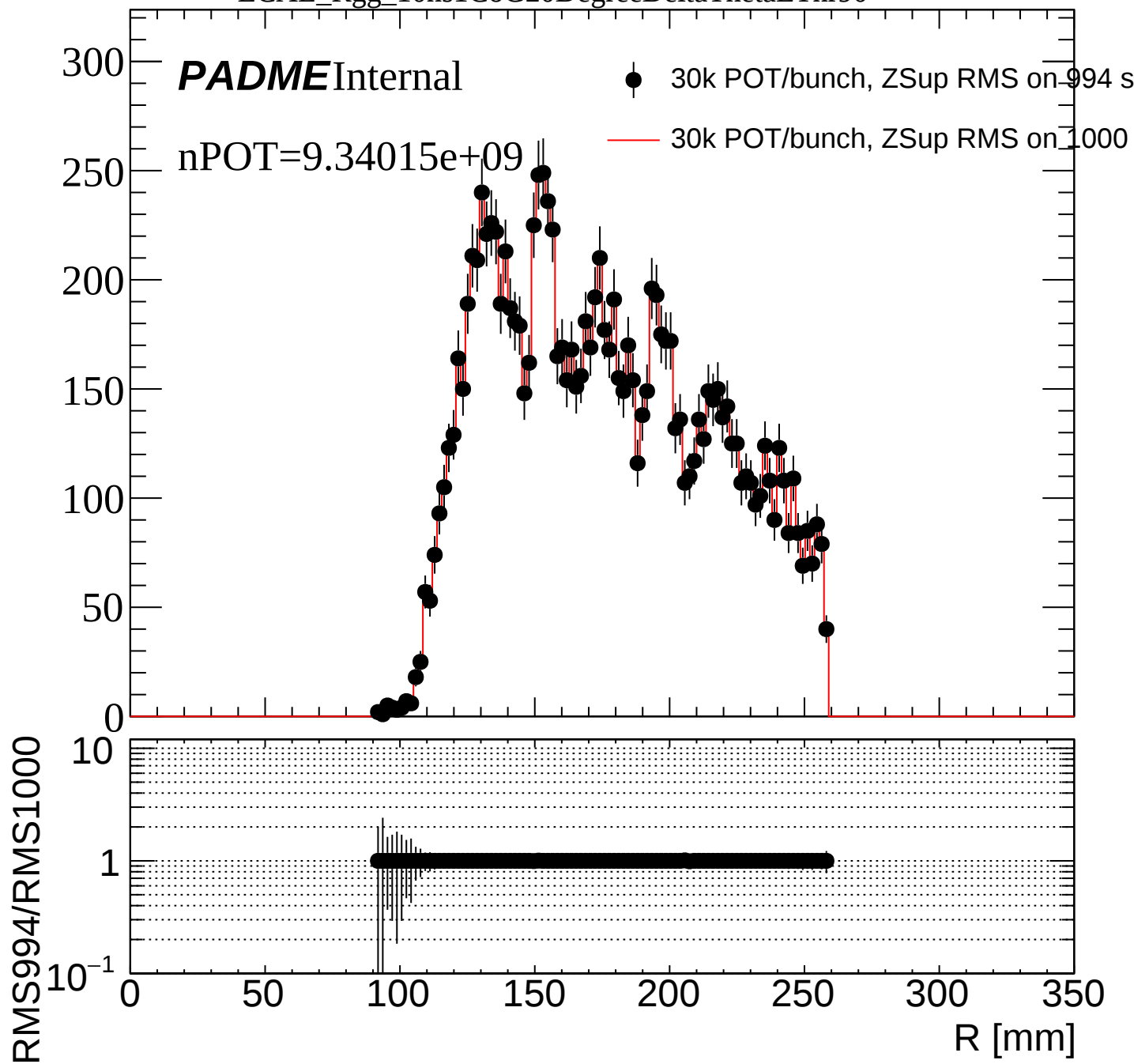
● 30k POT/bunch, ZSup RMS on 994 s

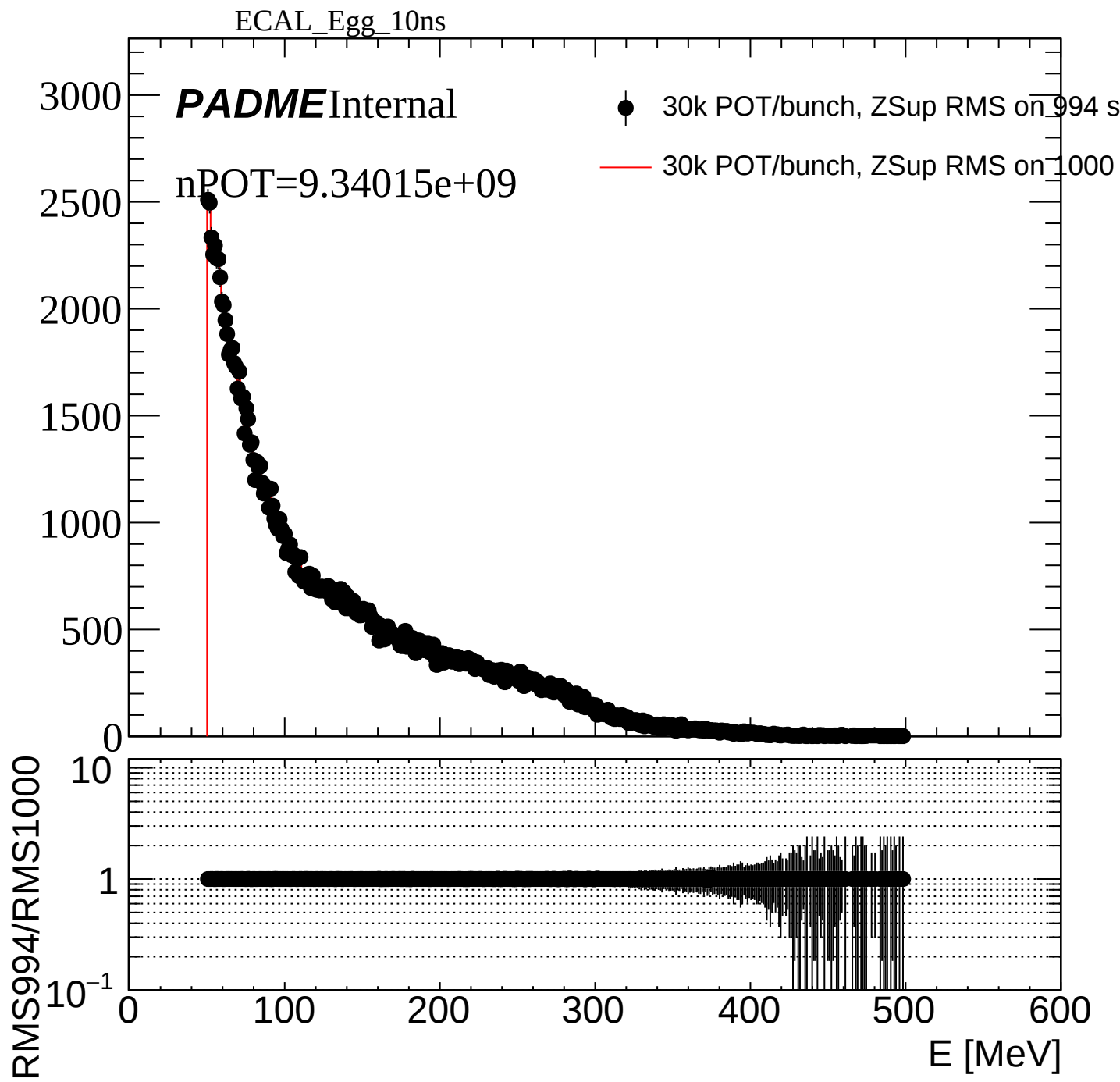
— 30k POT/bunch, ZSup RMS on 1000



ECAL_Rgg_10ns1CoG20DegreeEThr90







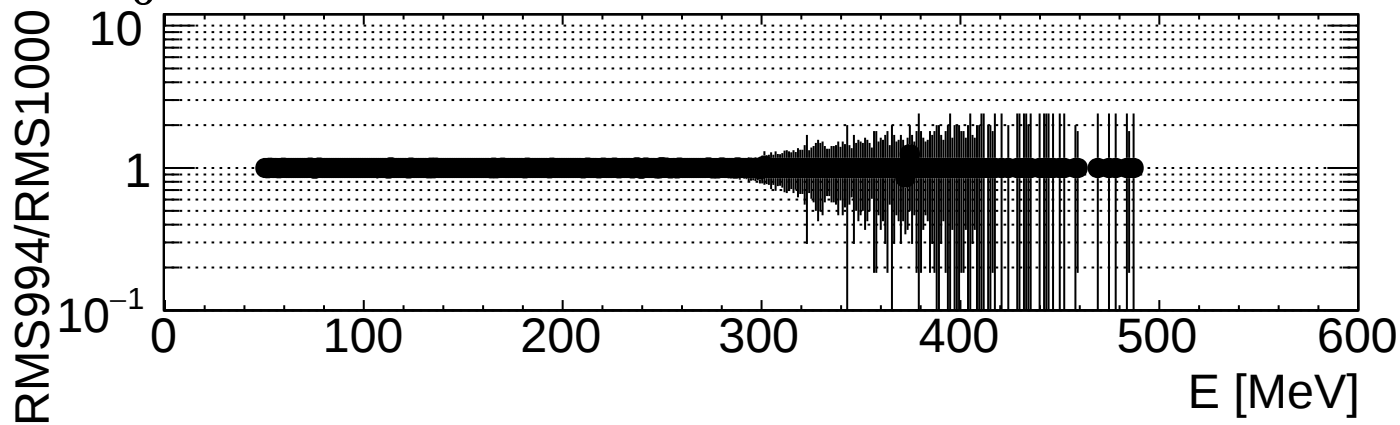
ECAL_Egg_10ns20Degree

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



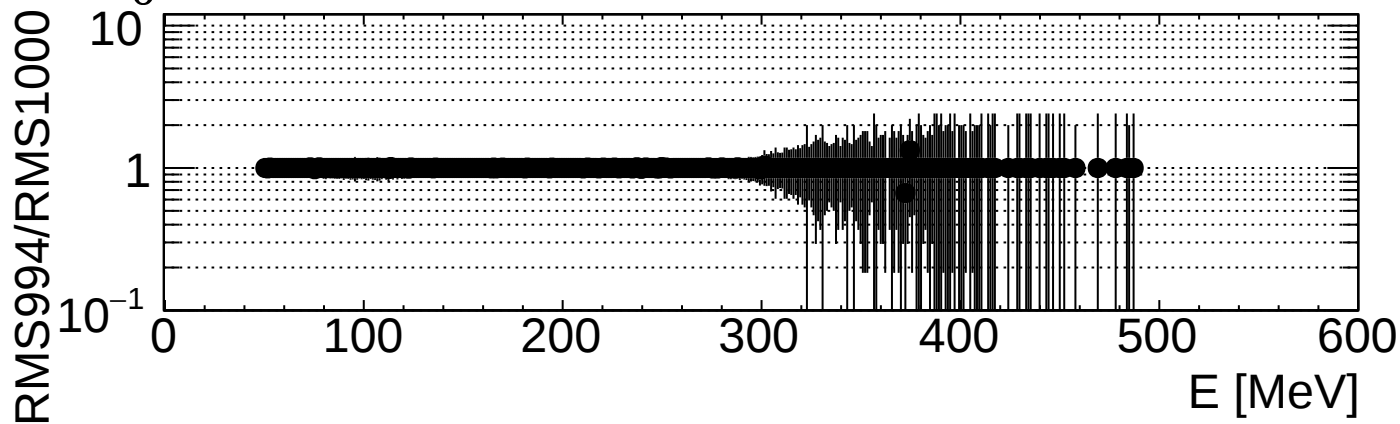
ECAL_Egg_10ns20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



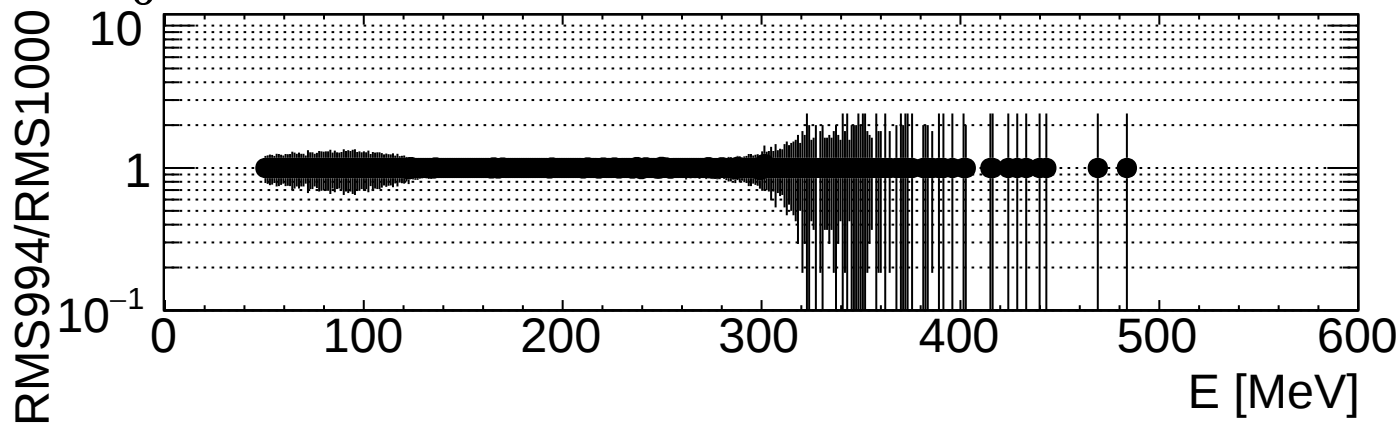
ECAL_Egg_10ns5DegreeDeltaTheta

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



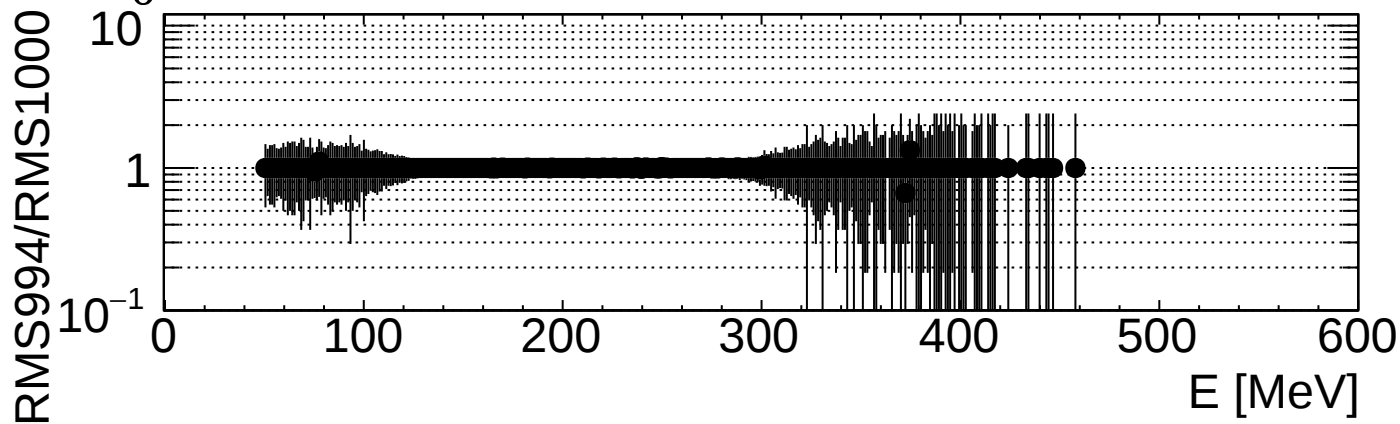
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



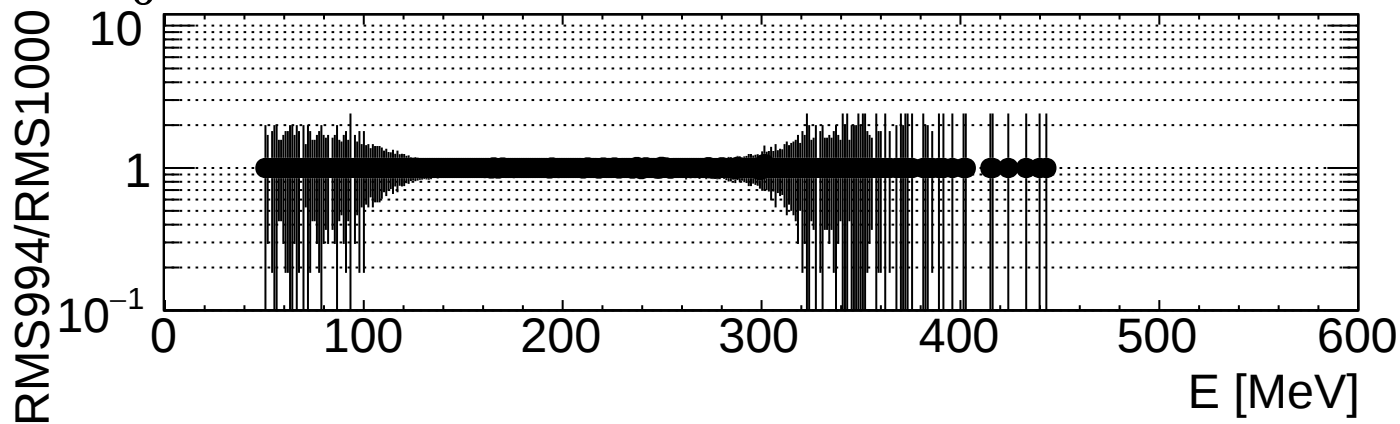
ECAL_Egg_10ns5DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



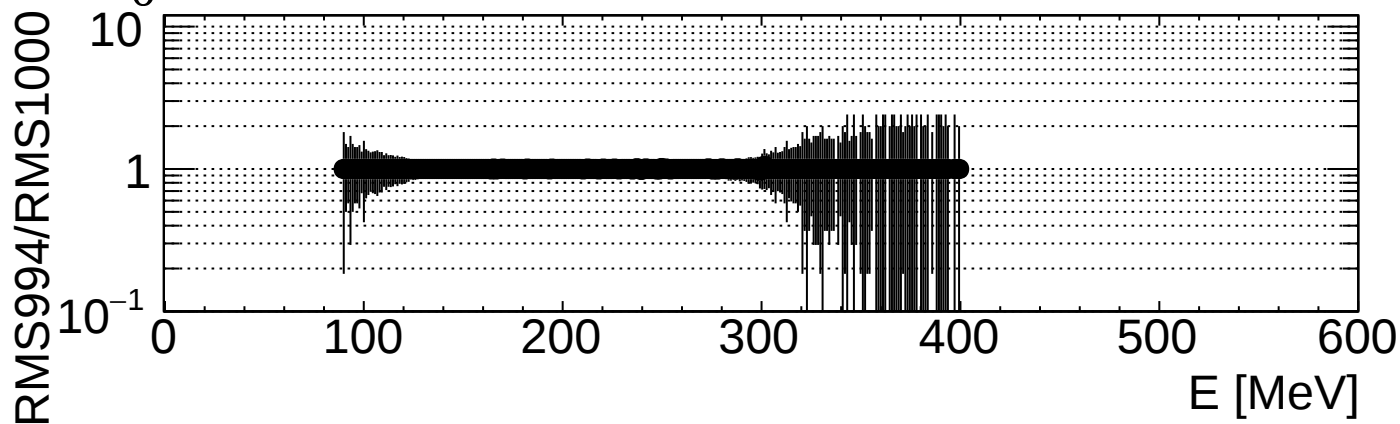
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



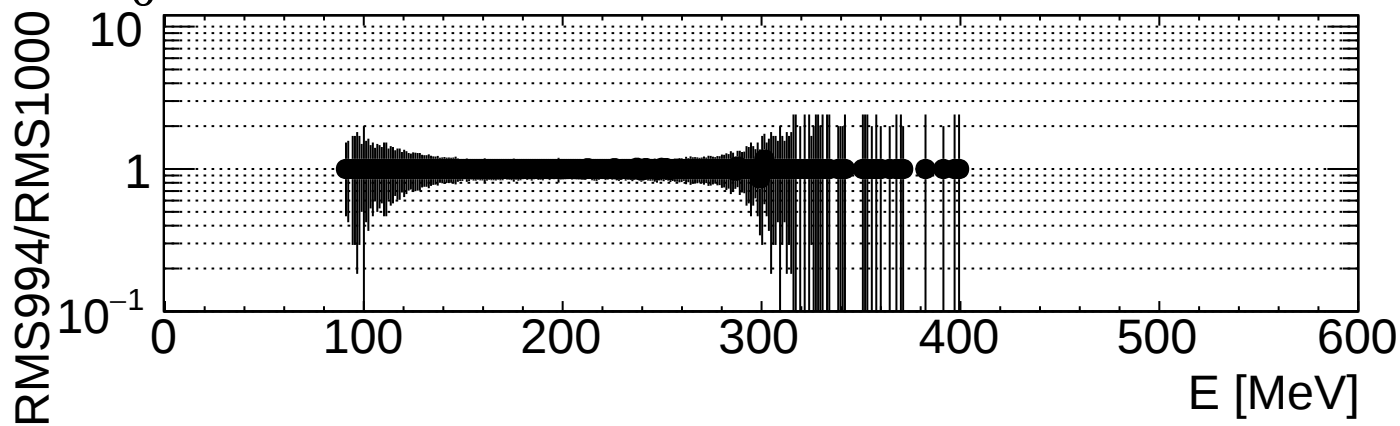
ECAL_Egg_10ns20DegreeDeltaThetaUnderPeakEThr90_FRY

PADMEInternal

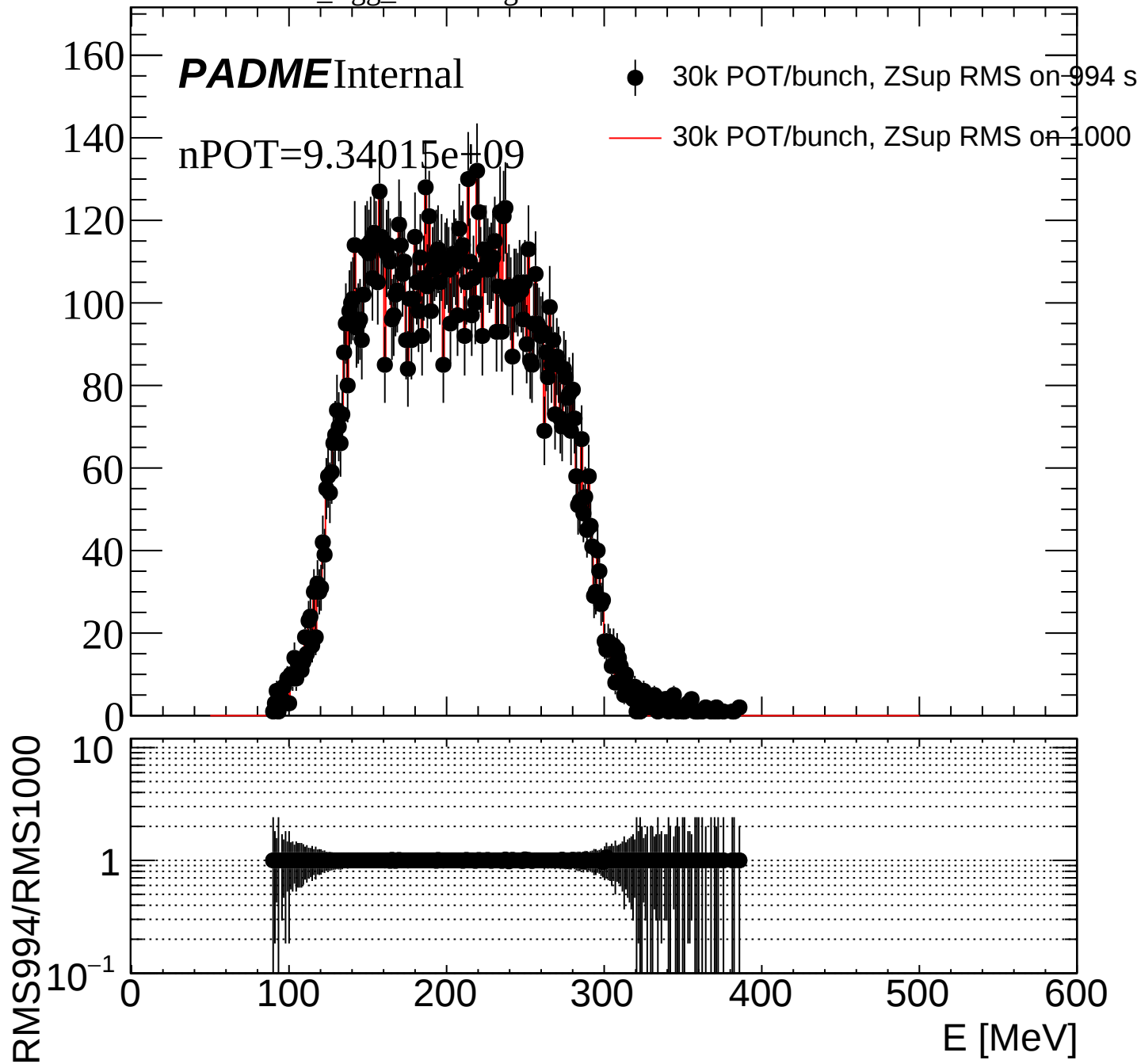
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Egg_10ns5DegreeDeltaThetaUnderPeakEThr90



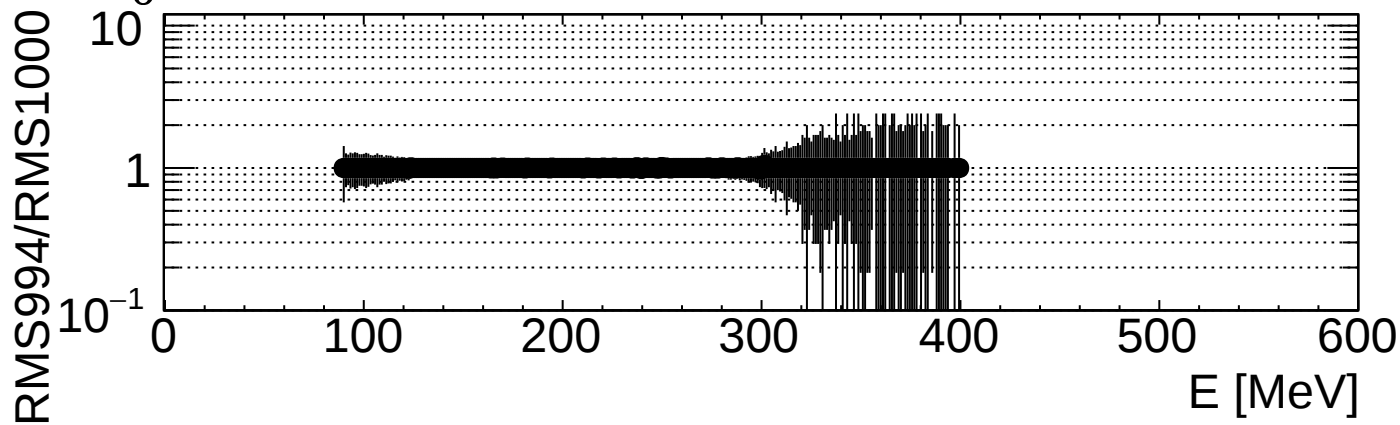
ECAL_Egg_10ns20DegreeDeltaThetaEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



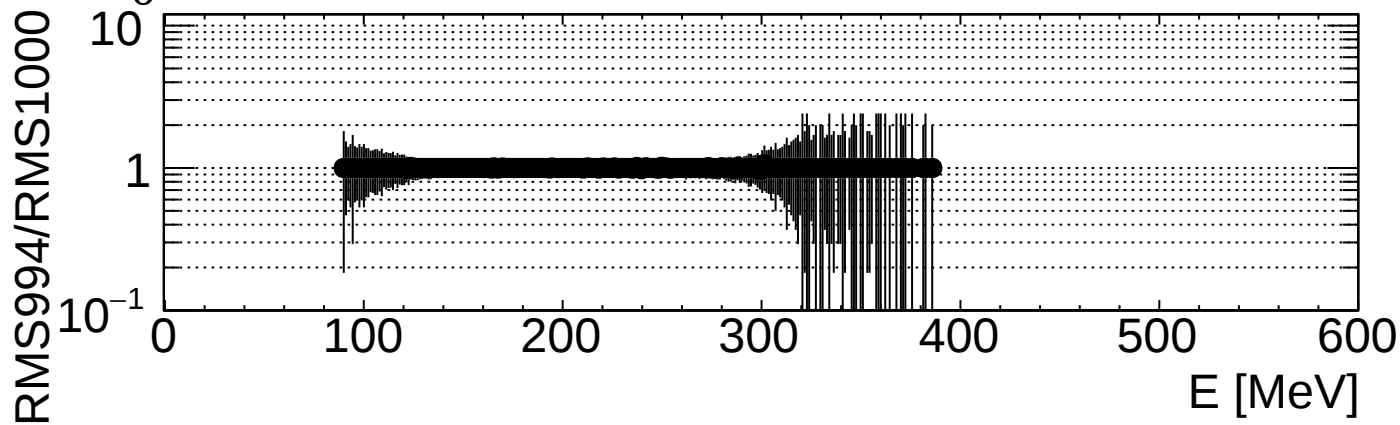
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PADME Internal

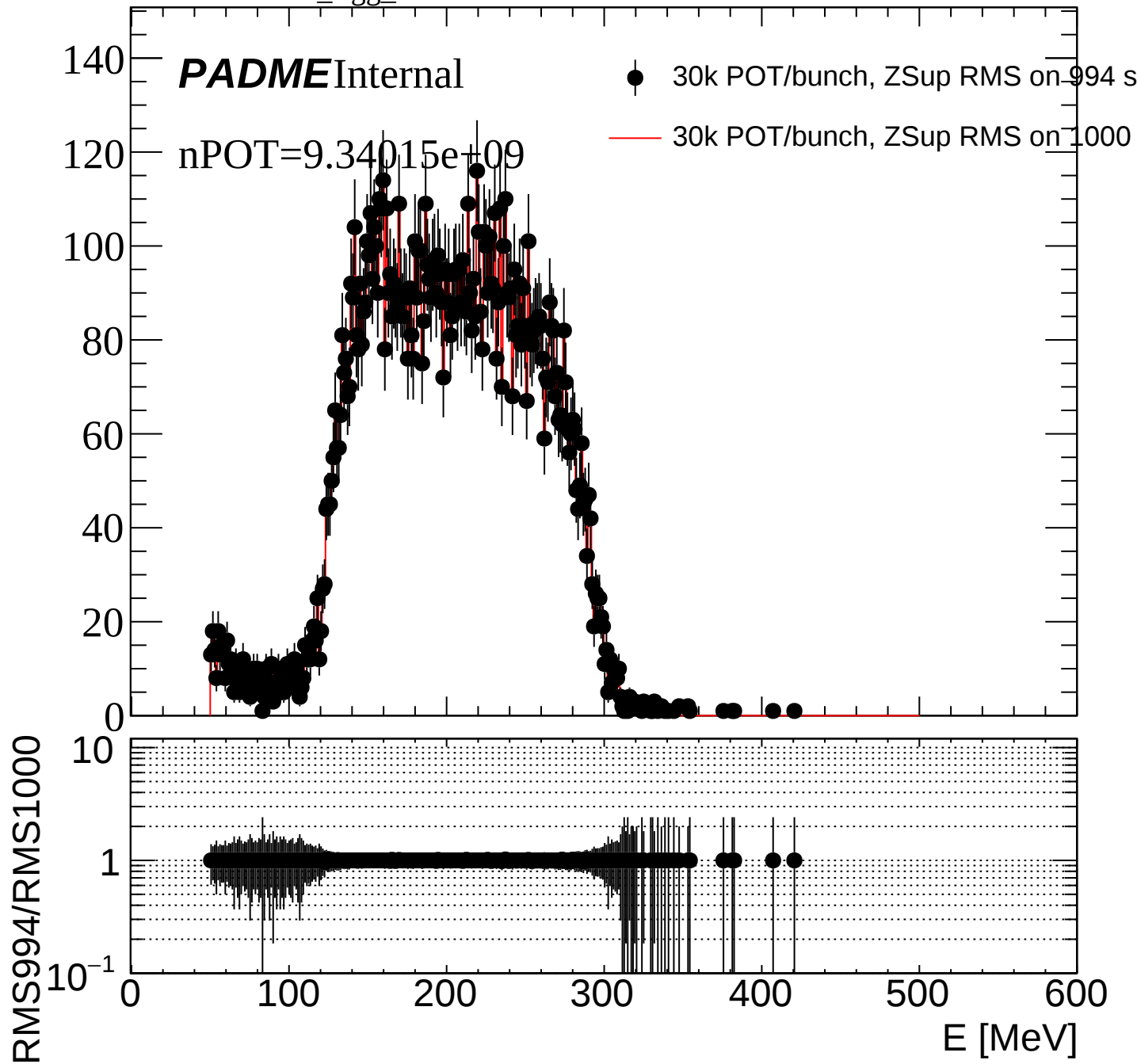
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

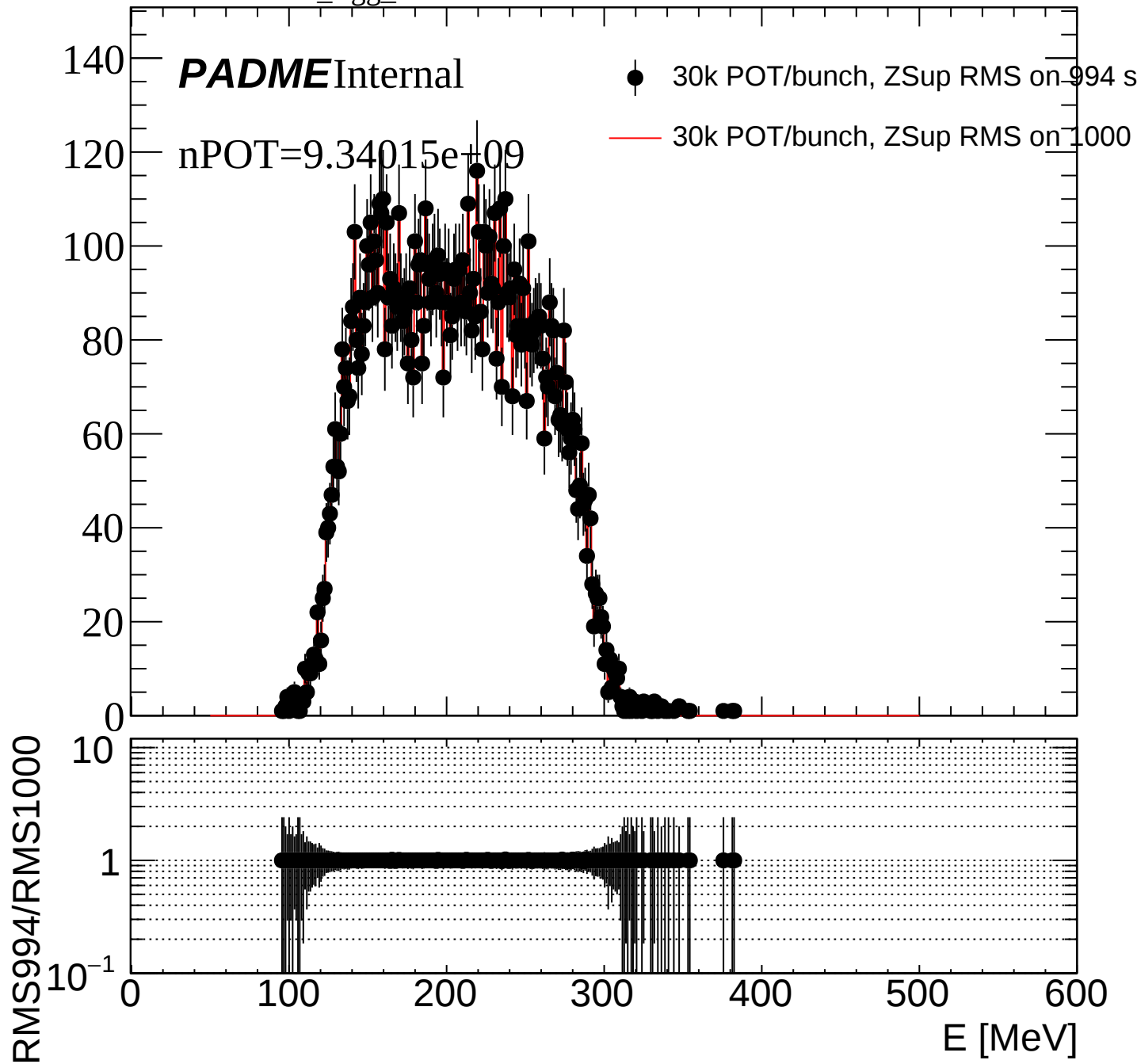
— 30k POT/bunch, ZSup RMS on 1000



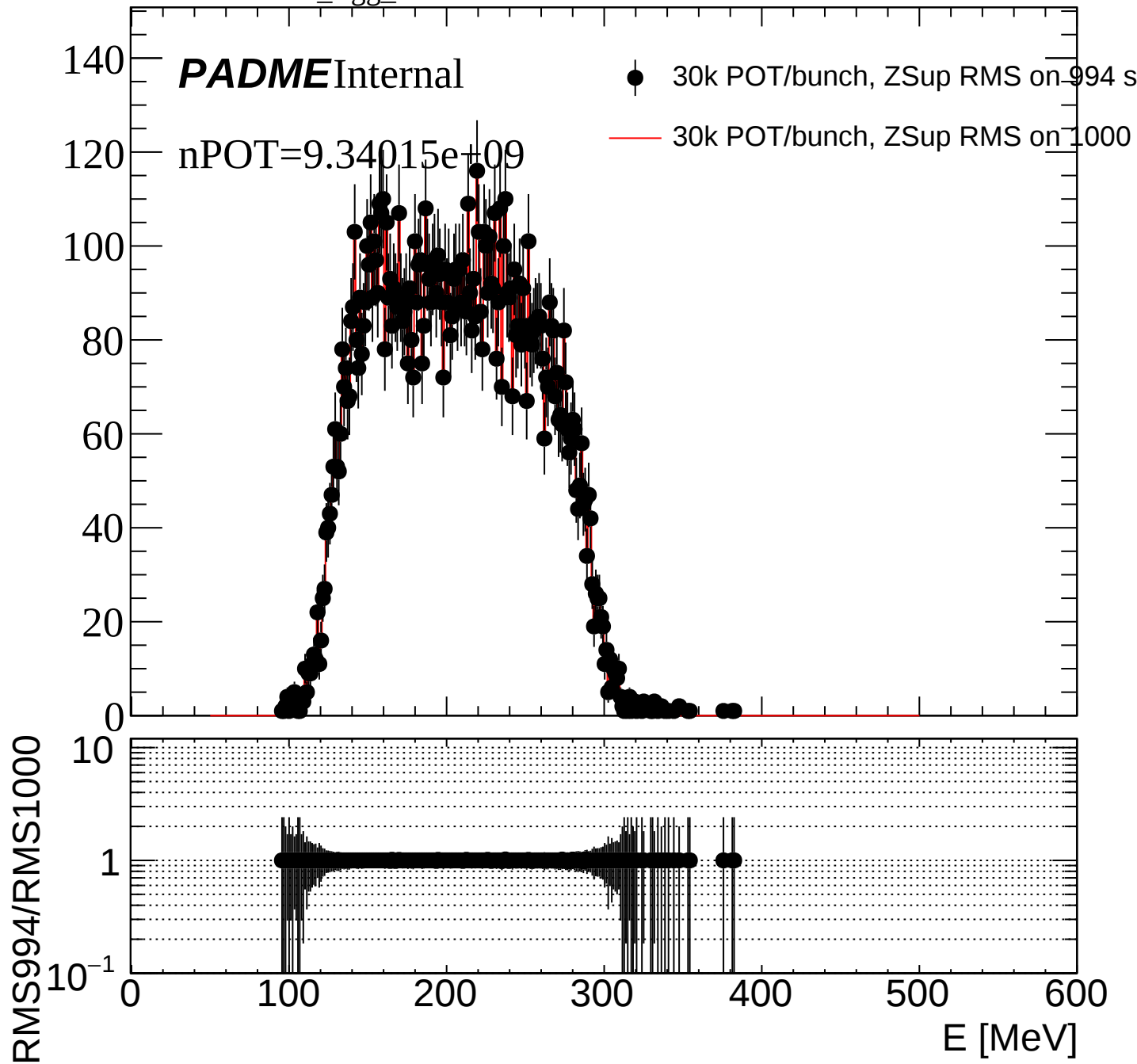
ECAL_Egg_10ns1CoG

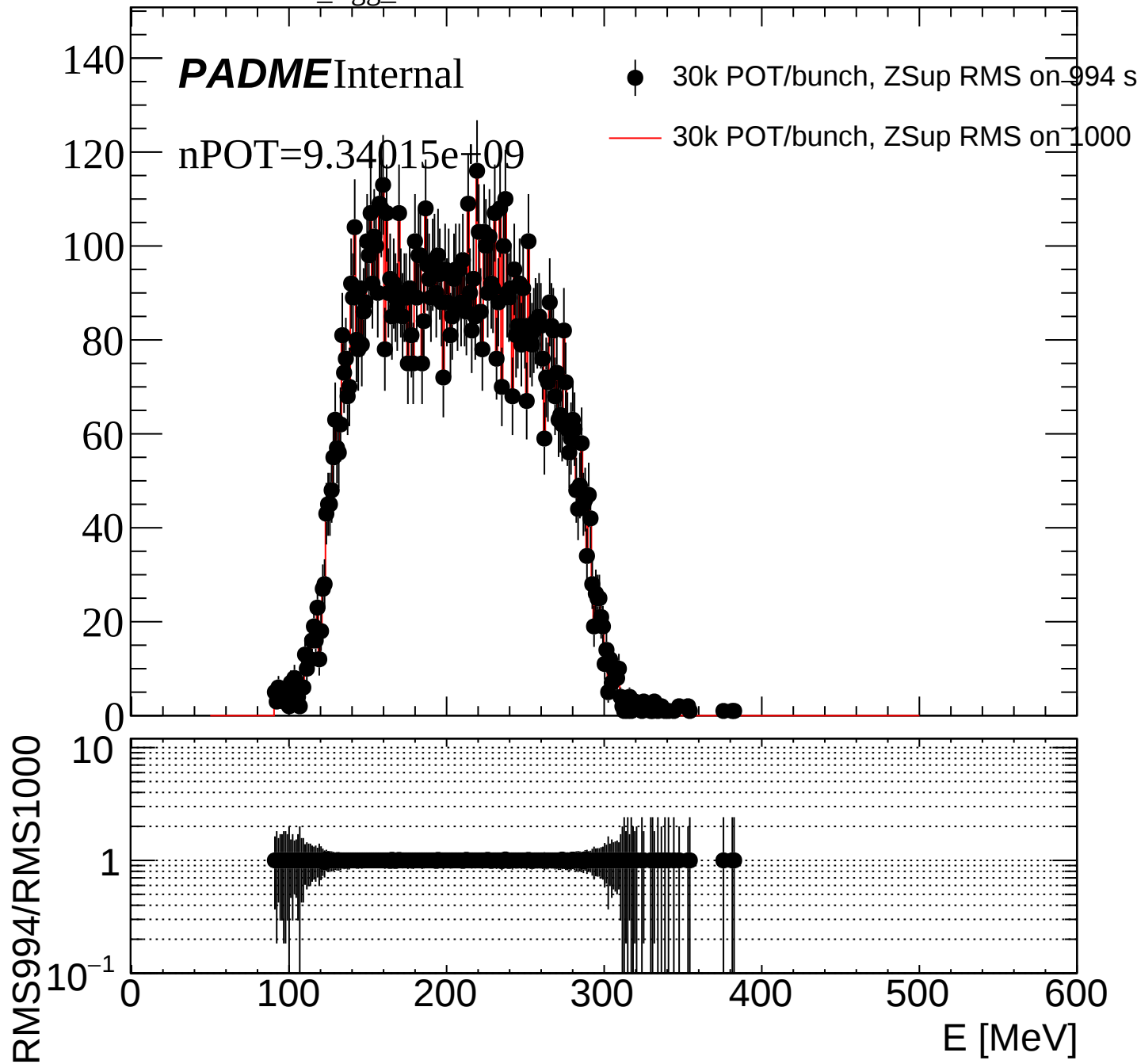


ECAL_Egg_10ns1CoGUnderPeak



ECAL_Egg_10ns1CoGUnderPeakEThr90





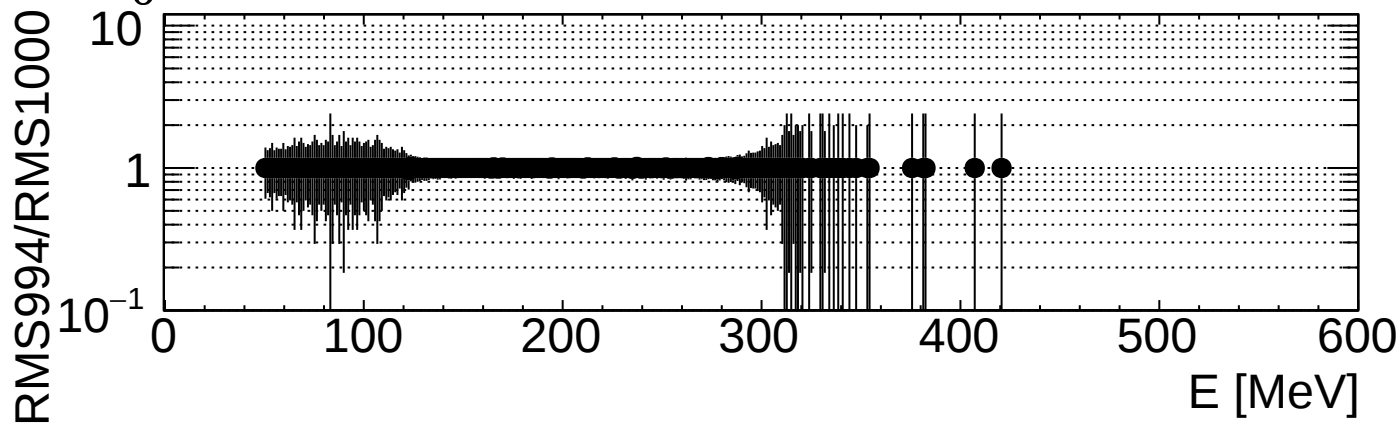
ECAL_Egg_10ns1CoG20Degree

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



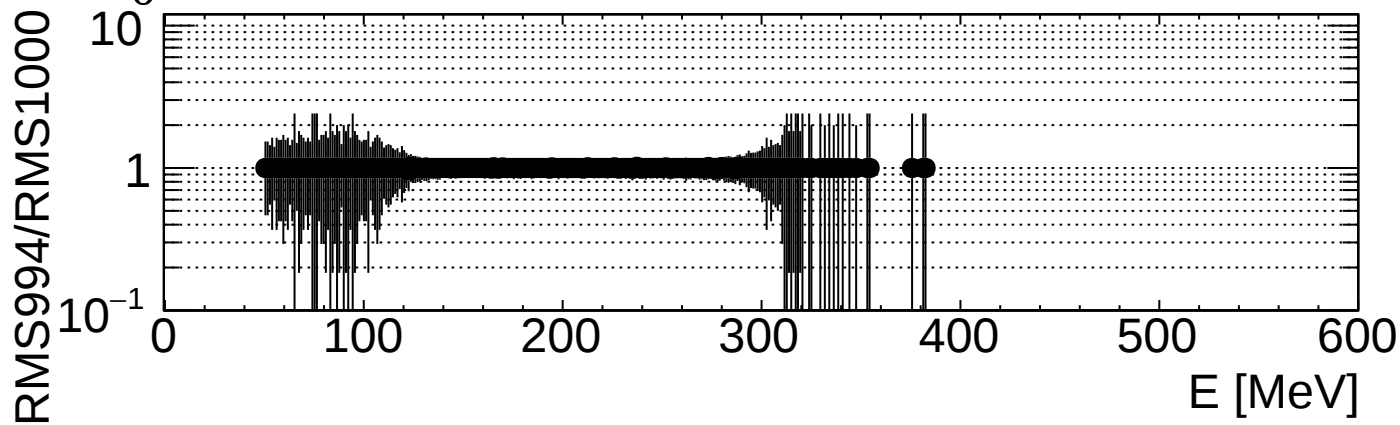
ECAL_Egg_10ns1CoG20DegreeDeltaTheta

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



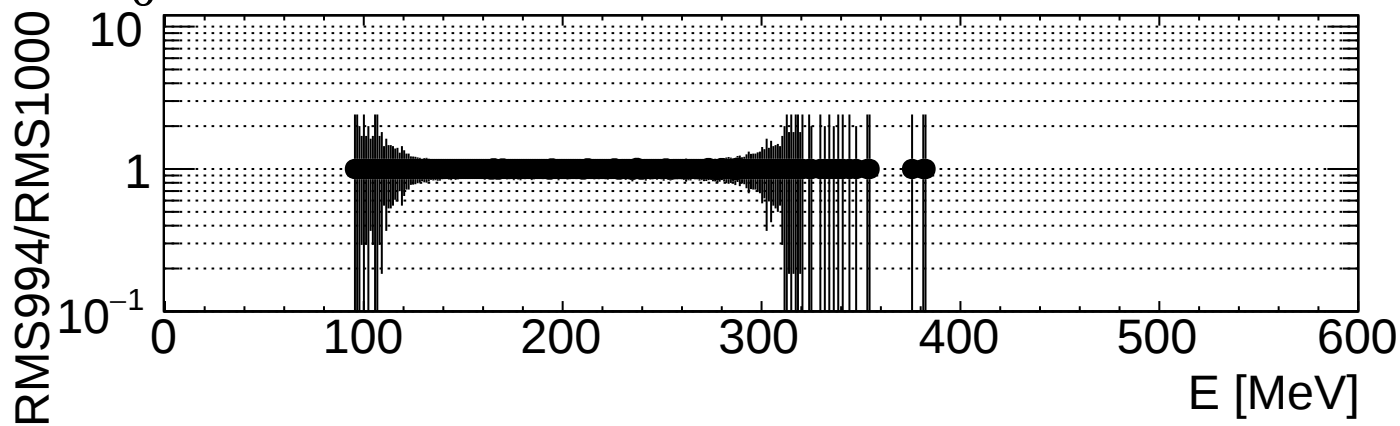
ECAL_Egg_10ns1CoG20DegreeDeltaThetaUnderPeak

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



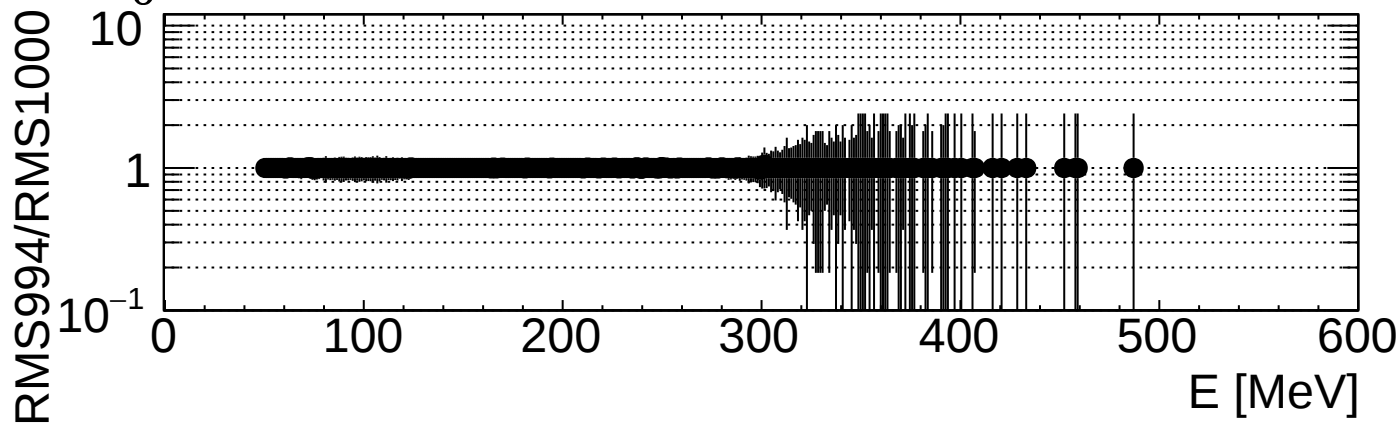
ECAL_Egg_10ns3CoG

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



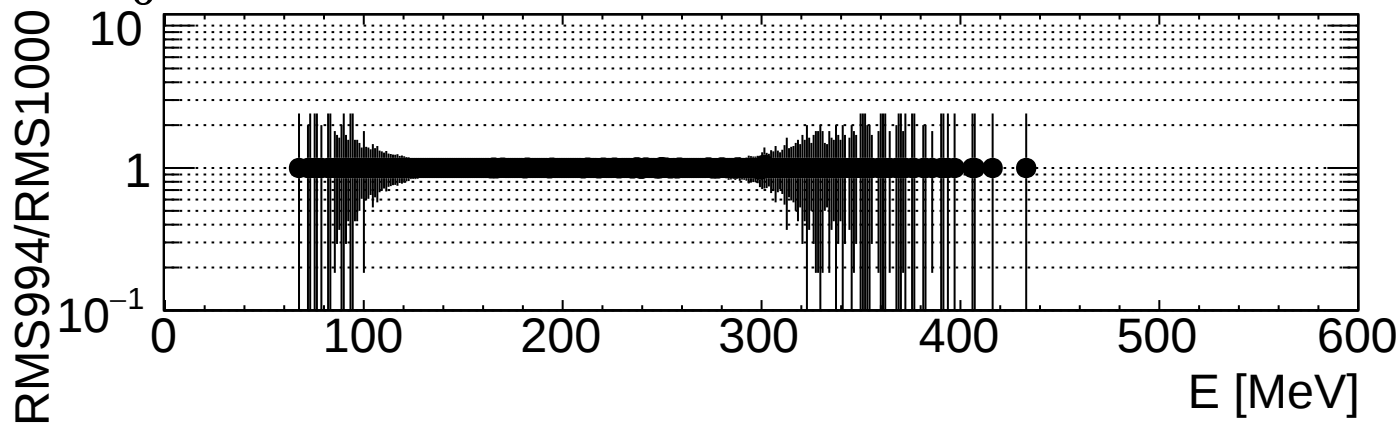
ECAL_Egg_10ns3CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



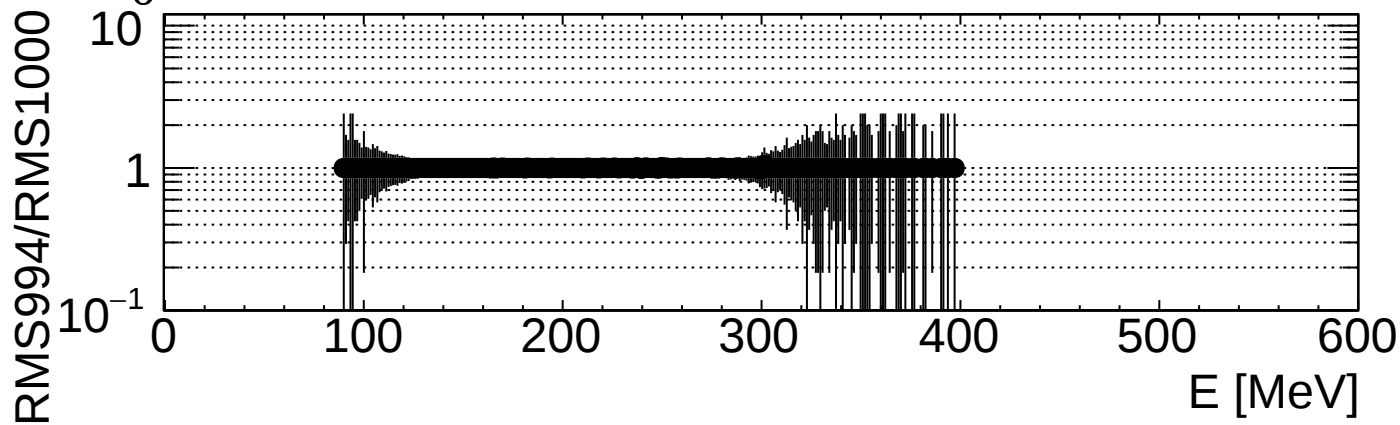
ECAL_Egg_10ns3CoGUnderPeakEThr90

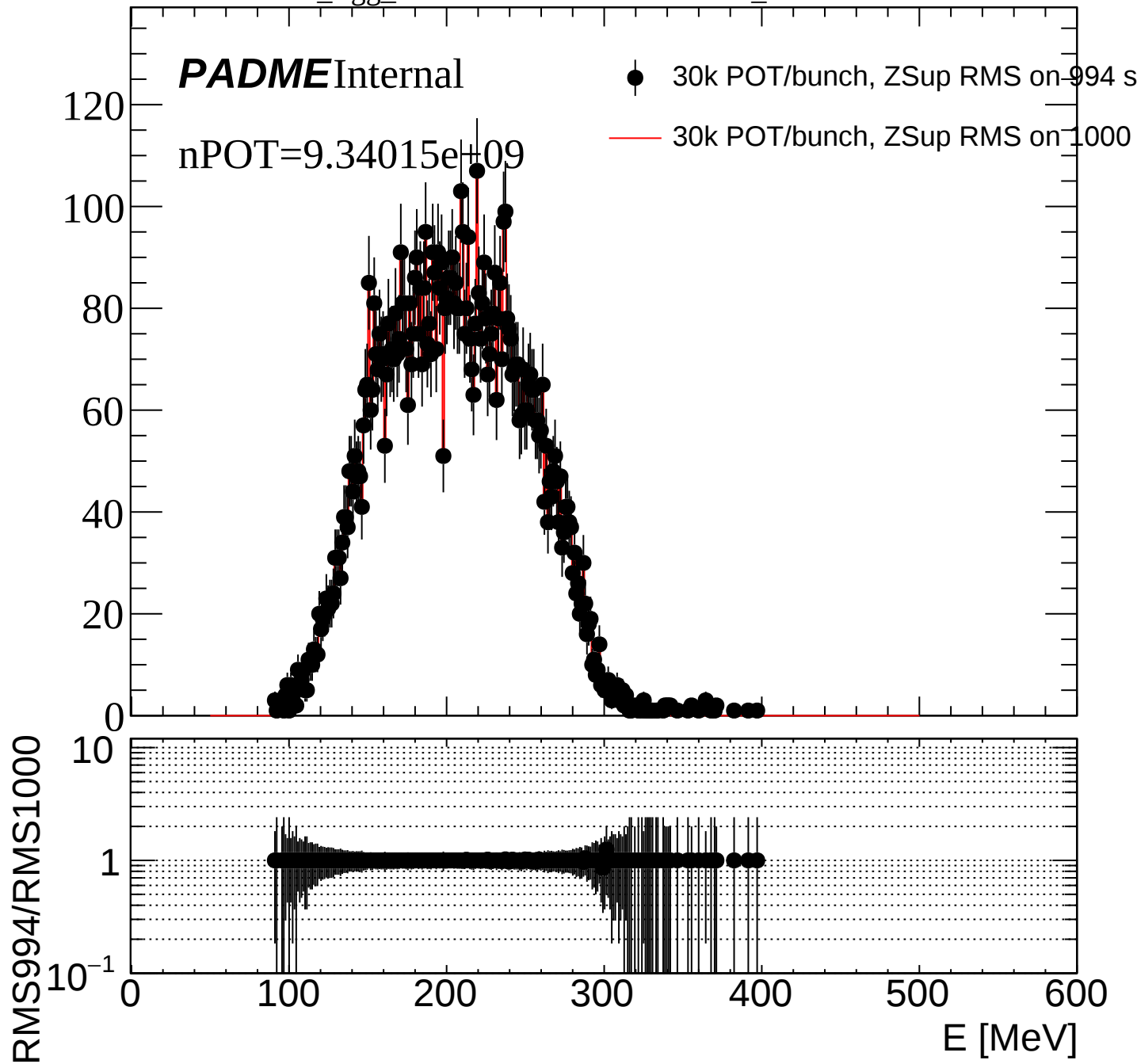
PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





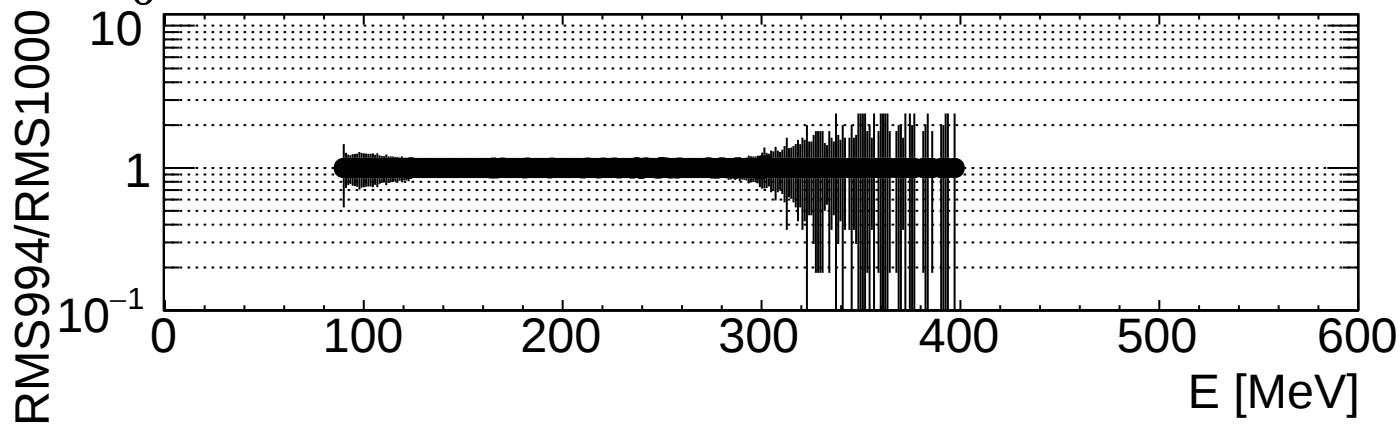
ECAL_Egg_10ns3CoGEThr90

PADME Internal

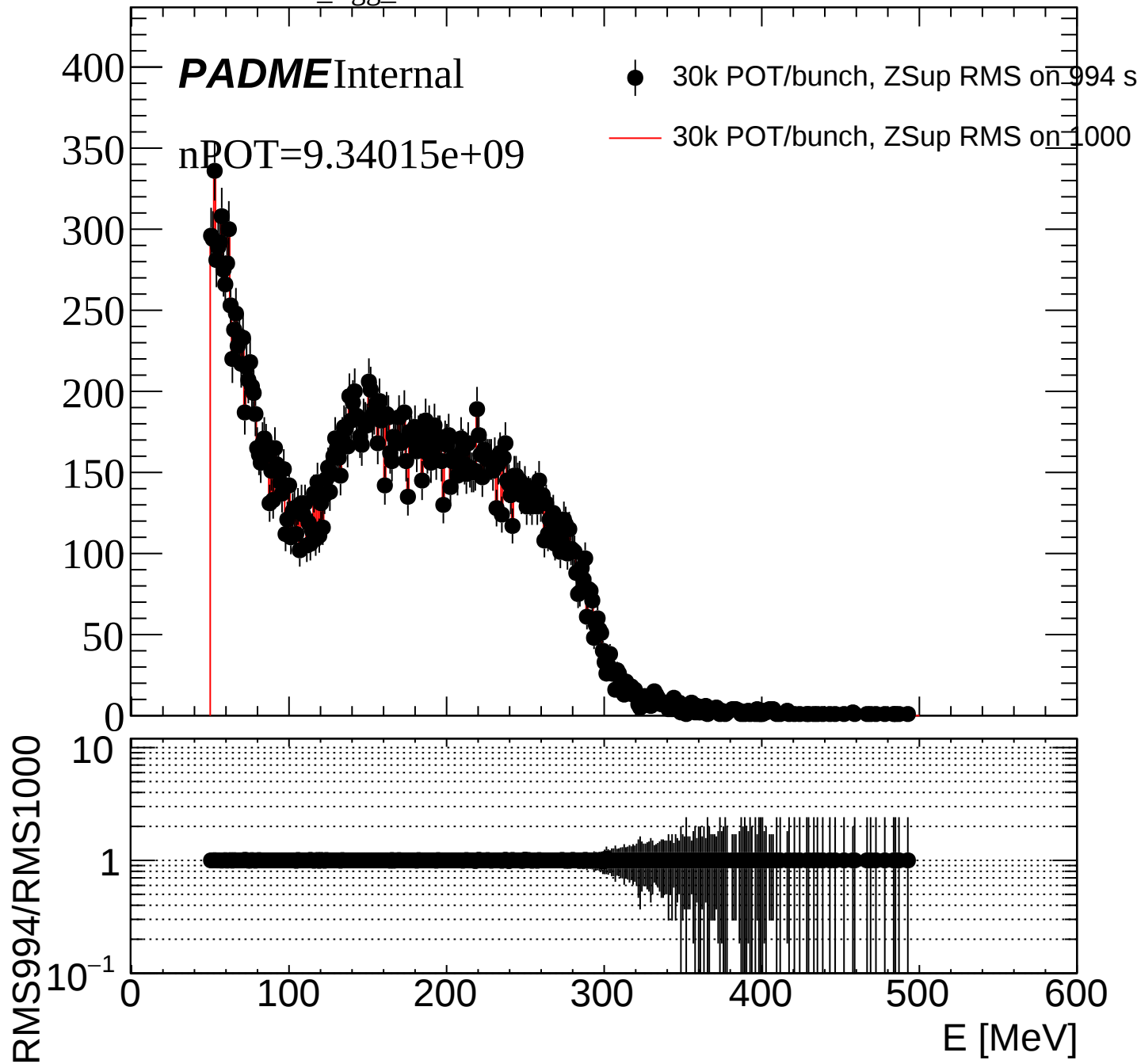
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_Egg_10ns5CoG



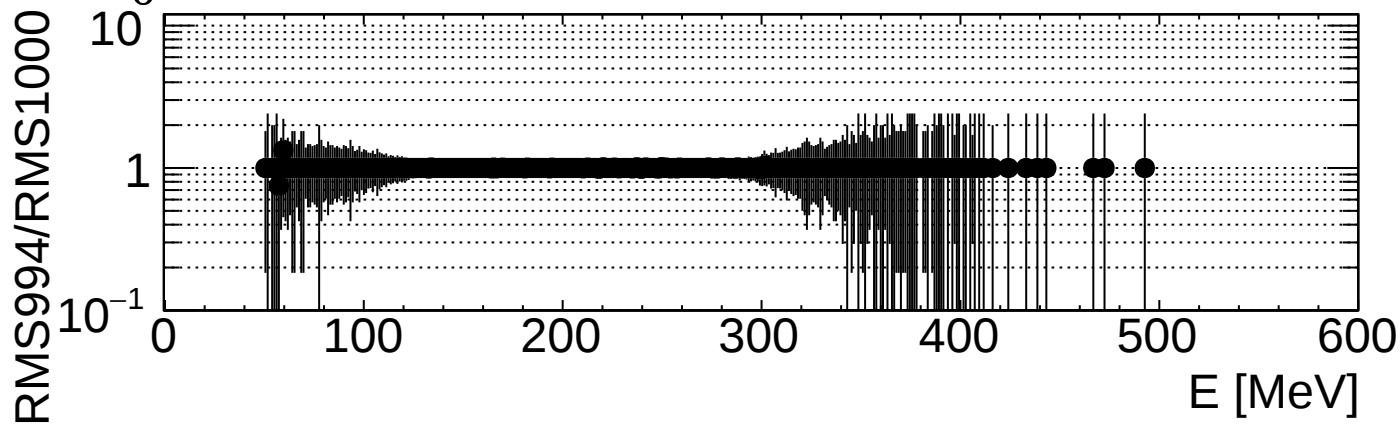
ECAL_Egg_10ns5CoGUnderPeak

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



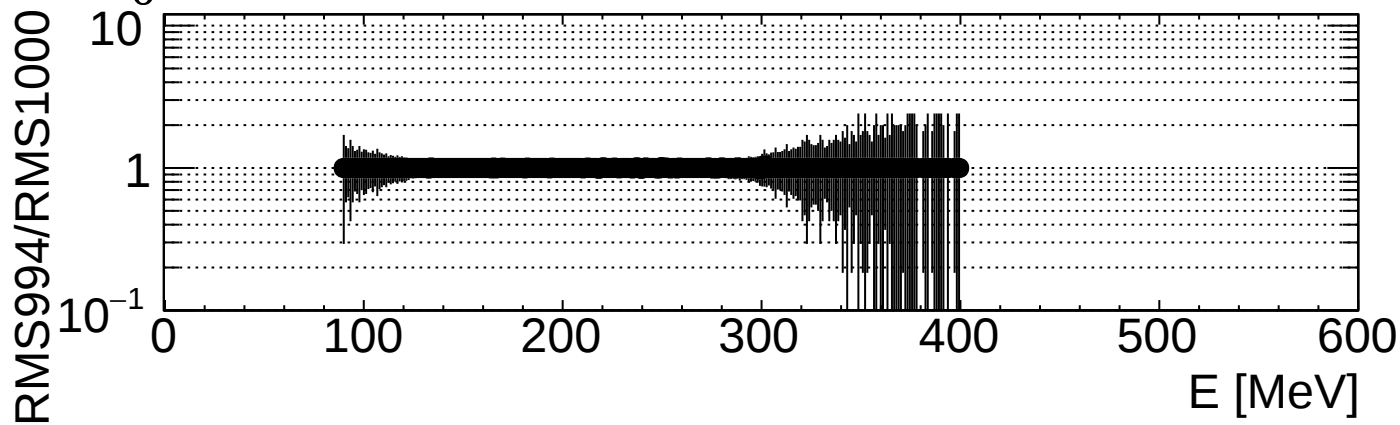
ECAL_Egg_10ns5CoGUnderPeakEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



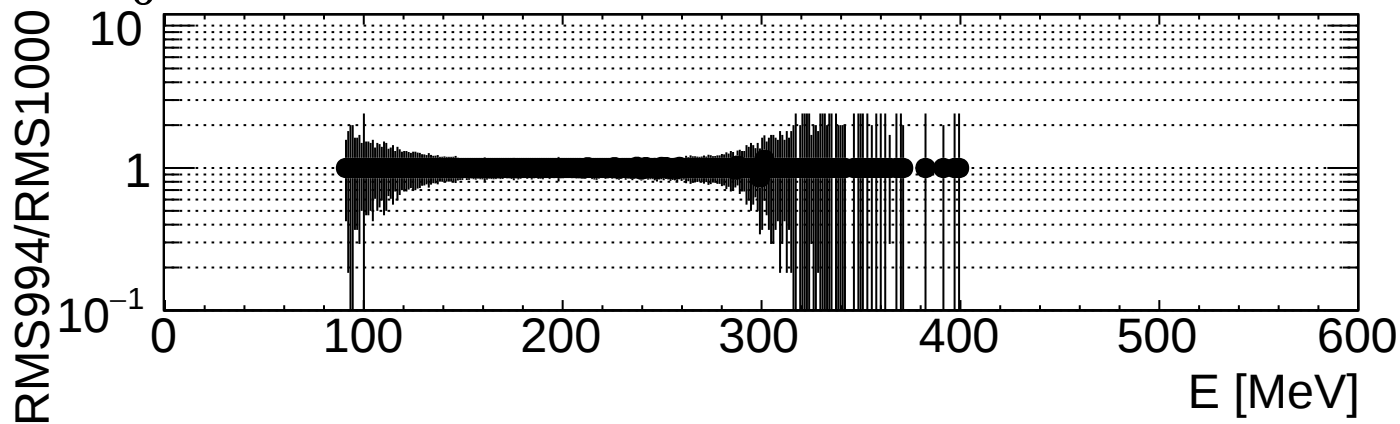
ECAL_Egg_10ns5CoGUnderPeakEThr90_FRY

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s



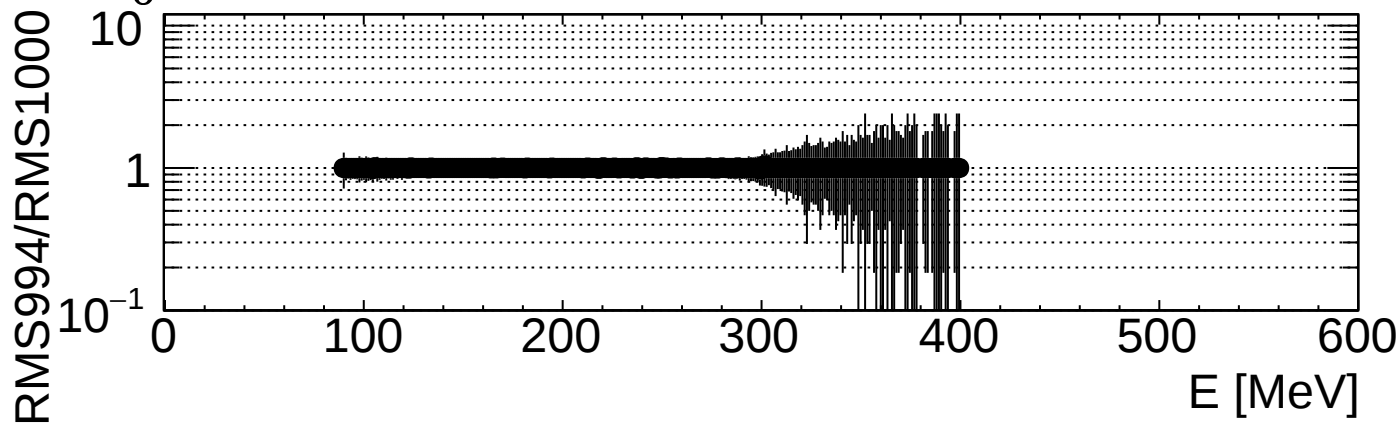
ECAL_Egg_10ns5CoGEThr90

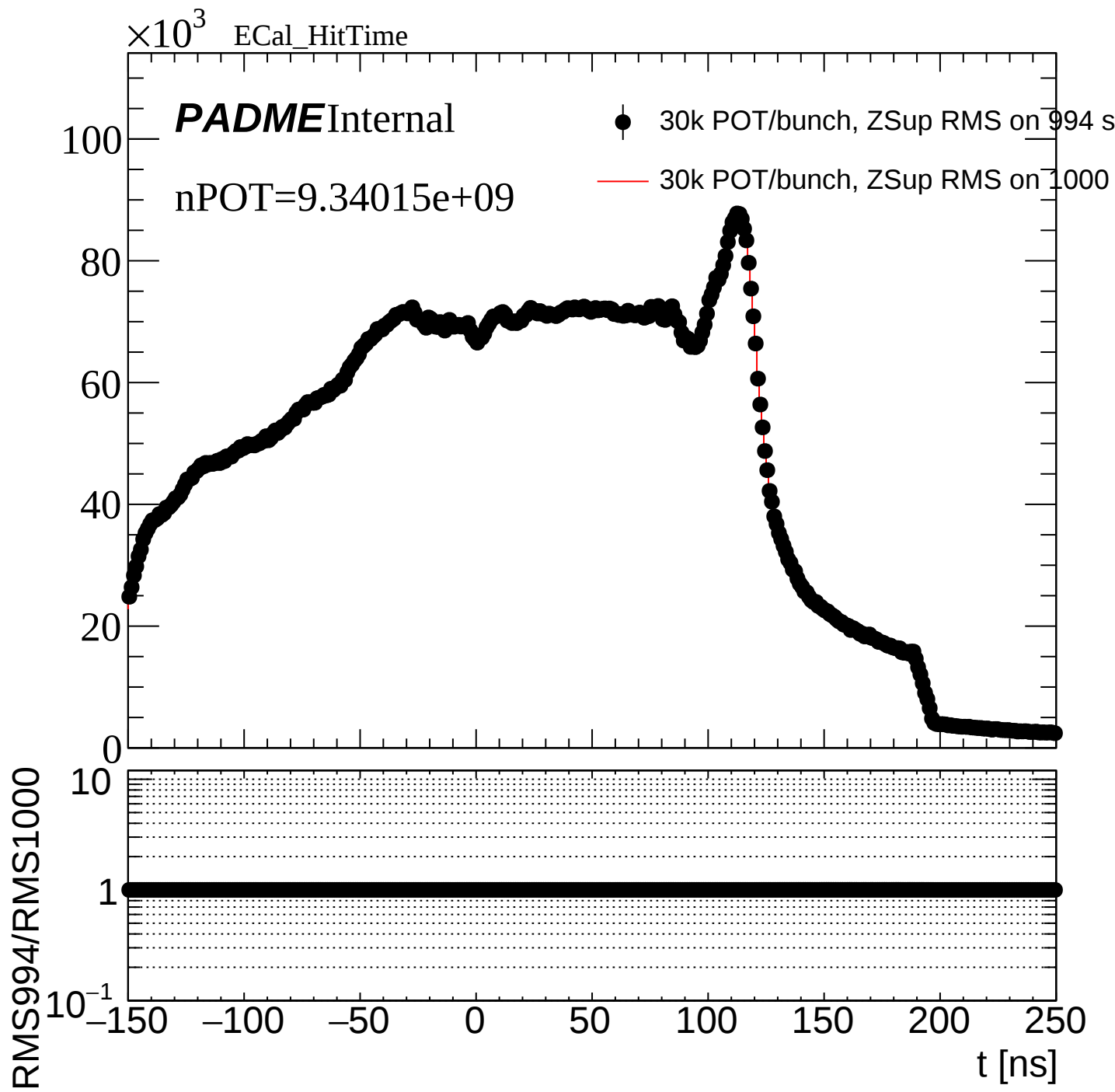
PADME Internal

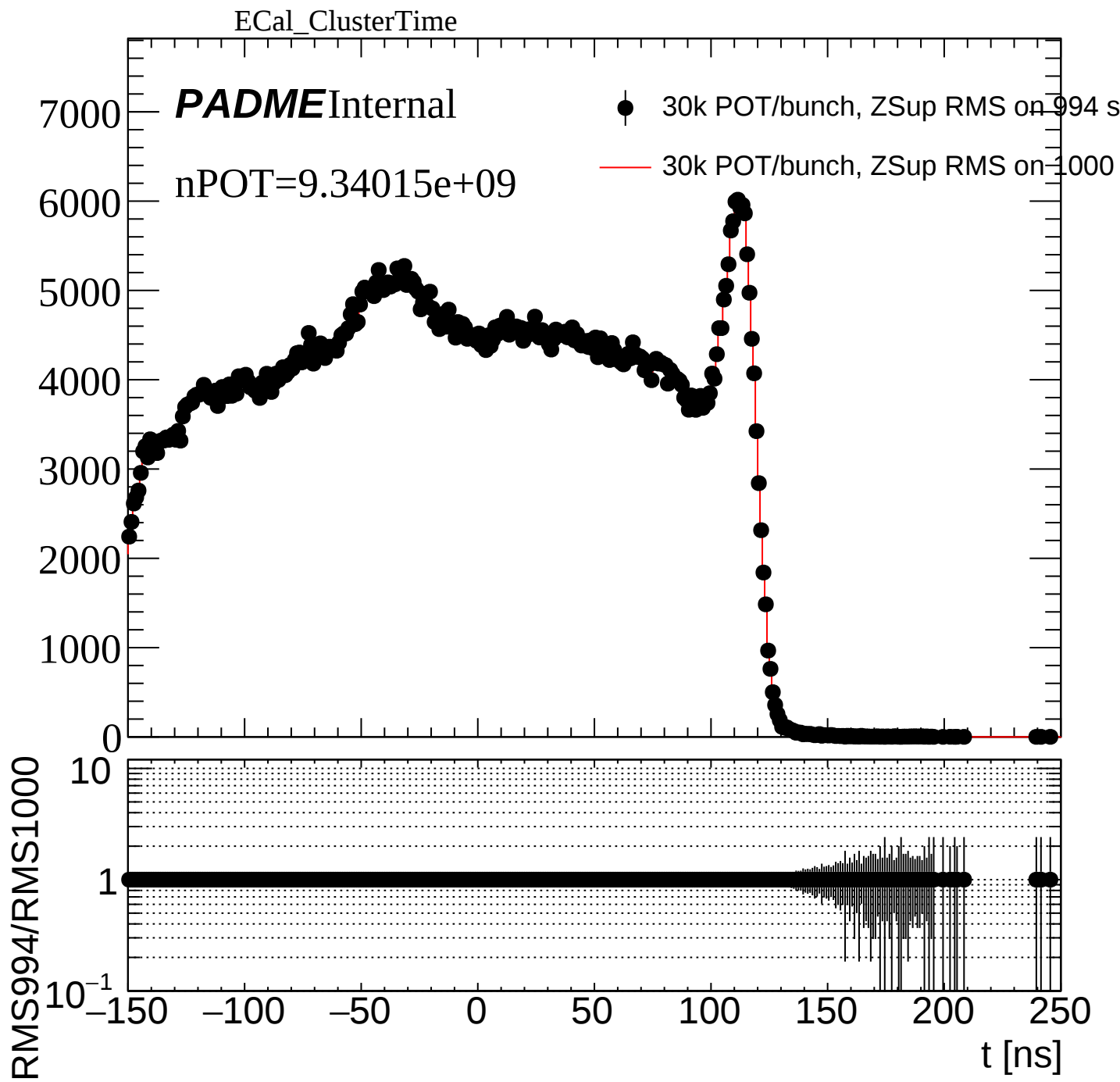
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000







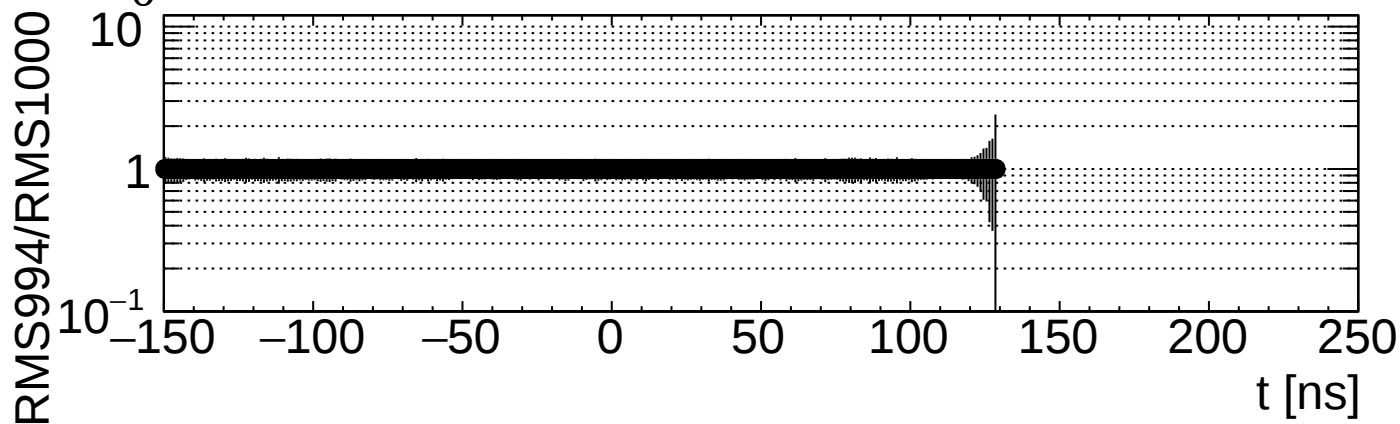
ECAL_tgg_10ns20DegreeDeltaThetaUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



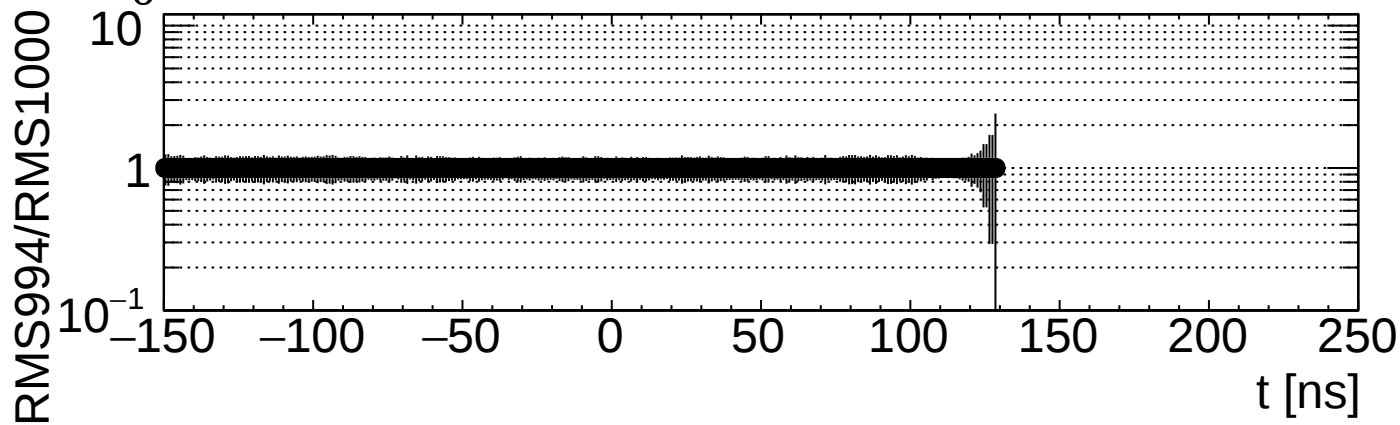
ECAL_tgg_10ns5DegreeDeltaThetaUnderPeakEThr90

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



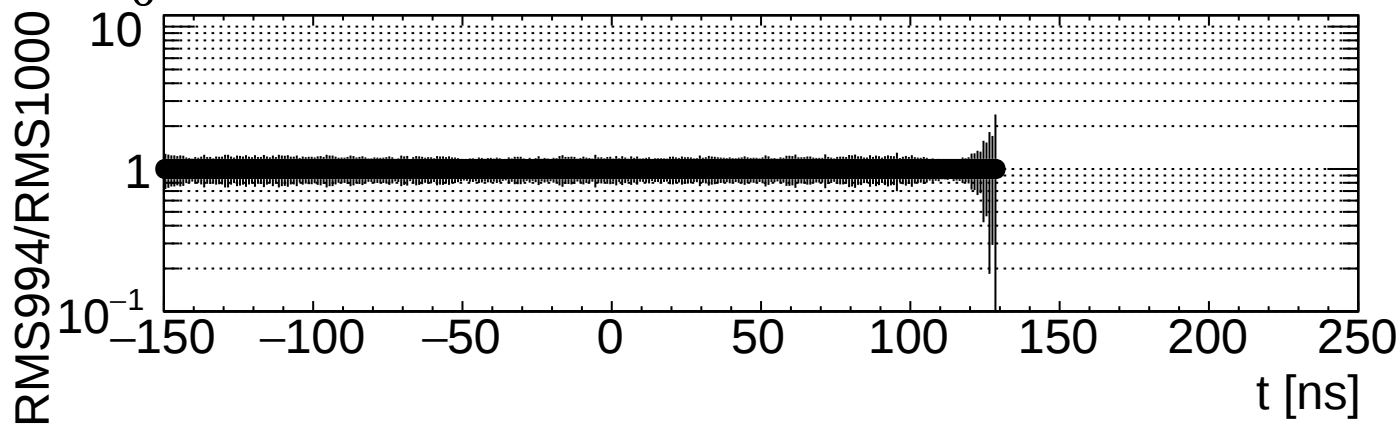
ECAL_tgg_10ns1CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



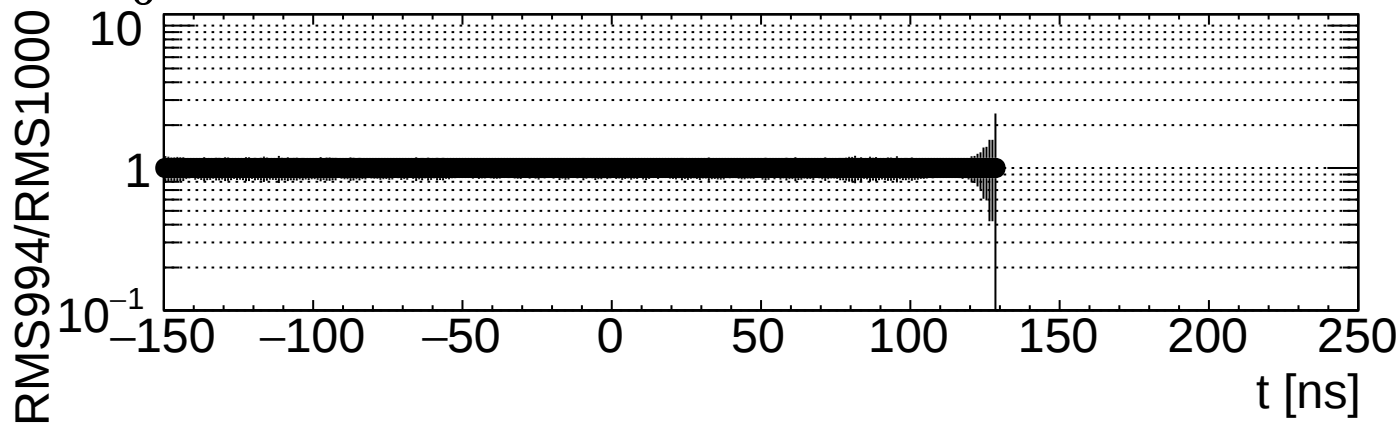
ECAL_tgg_10ns3CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



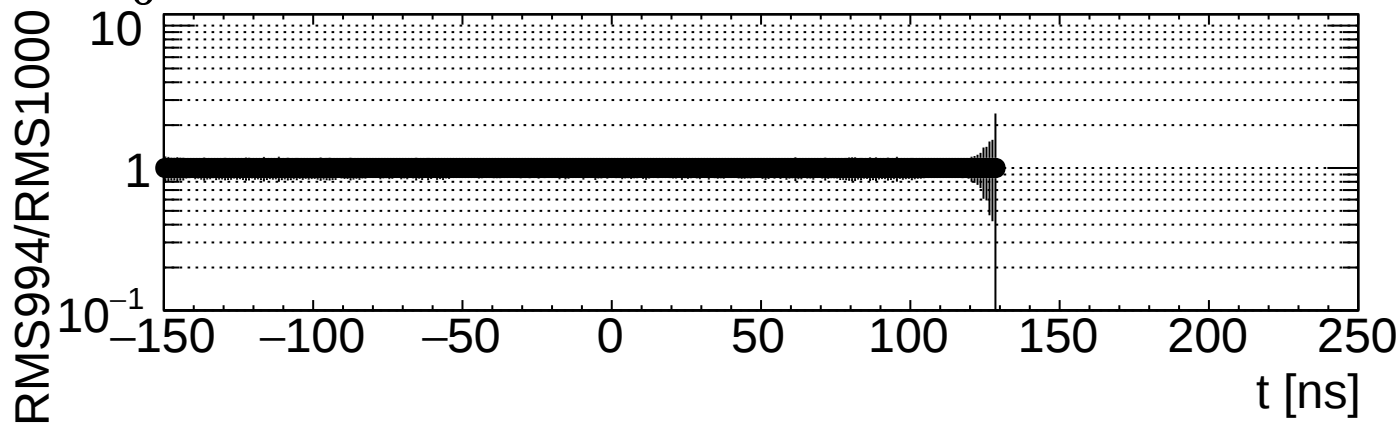
ECAL_tgg_10ns5CoGUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



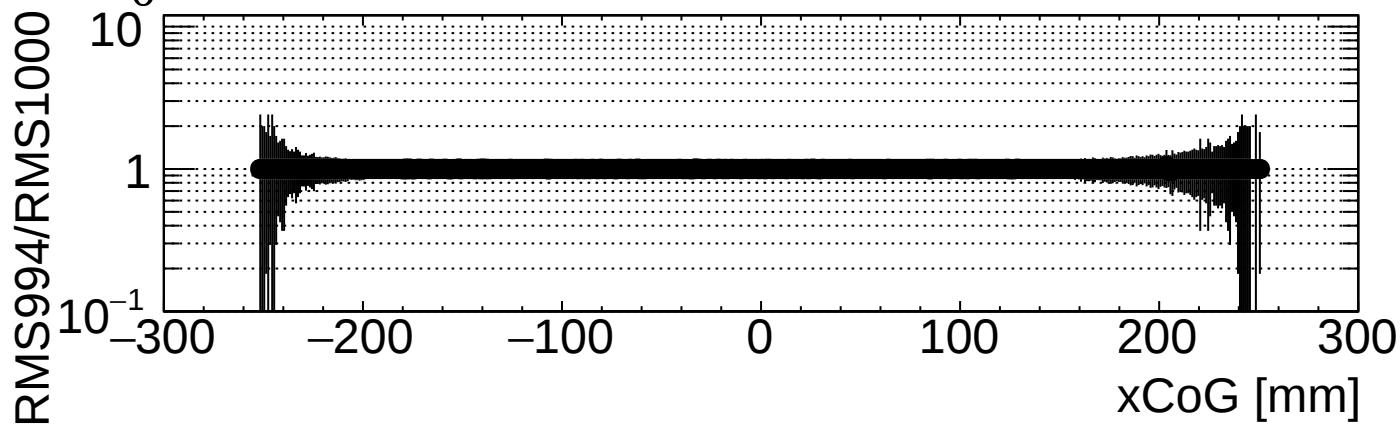
ECal_xCoG_10ns

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



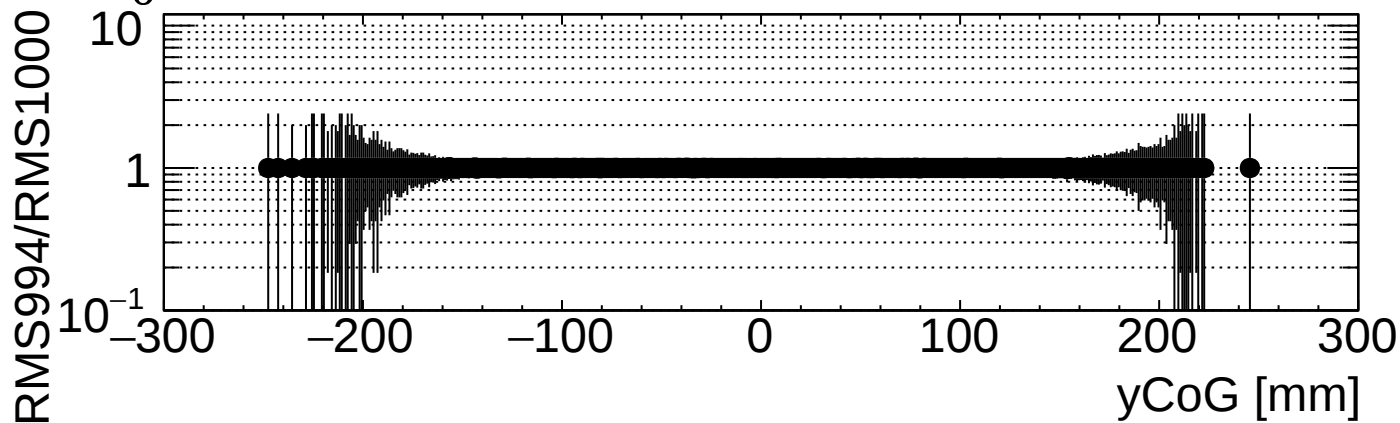
ECal_yCoG_10ns

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



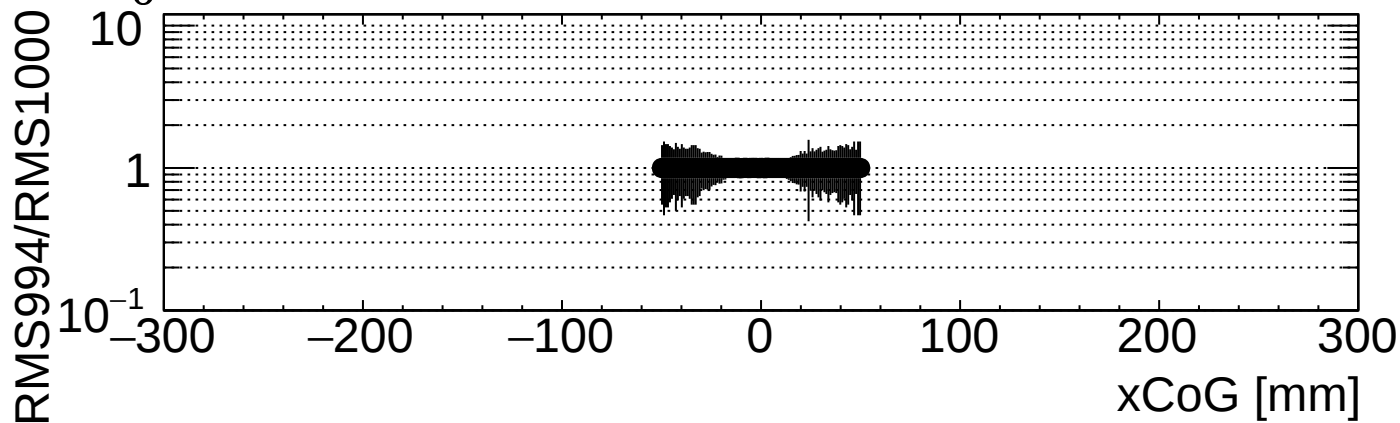
ECAL_xCoGgg_10ns5CoGUnderPeakEThr90

PADMEInternal

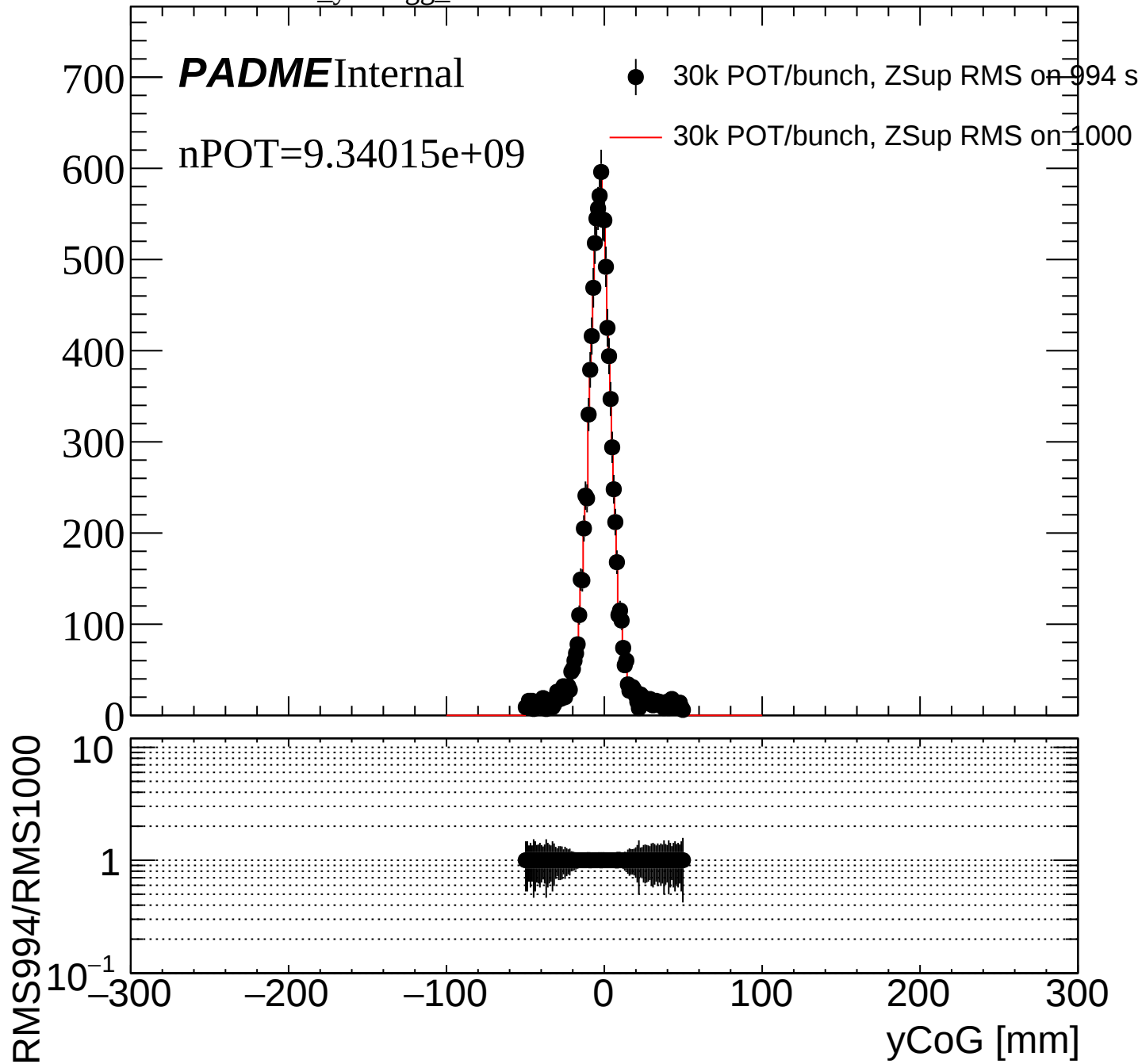
nPOT=9.34015e+09

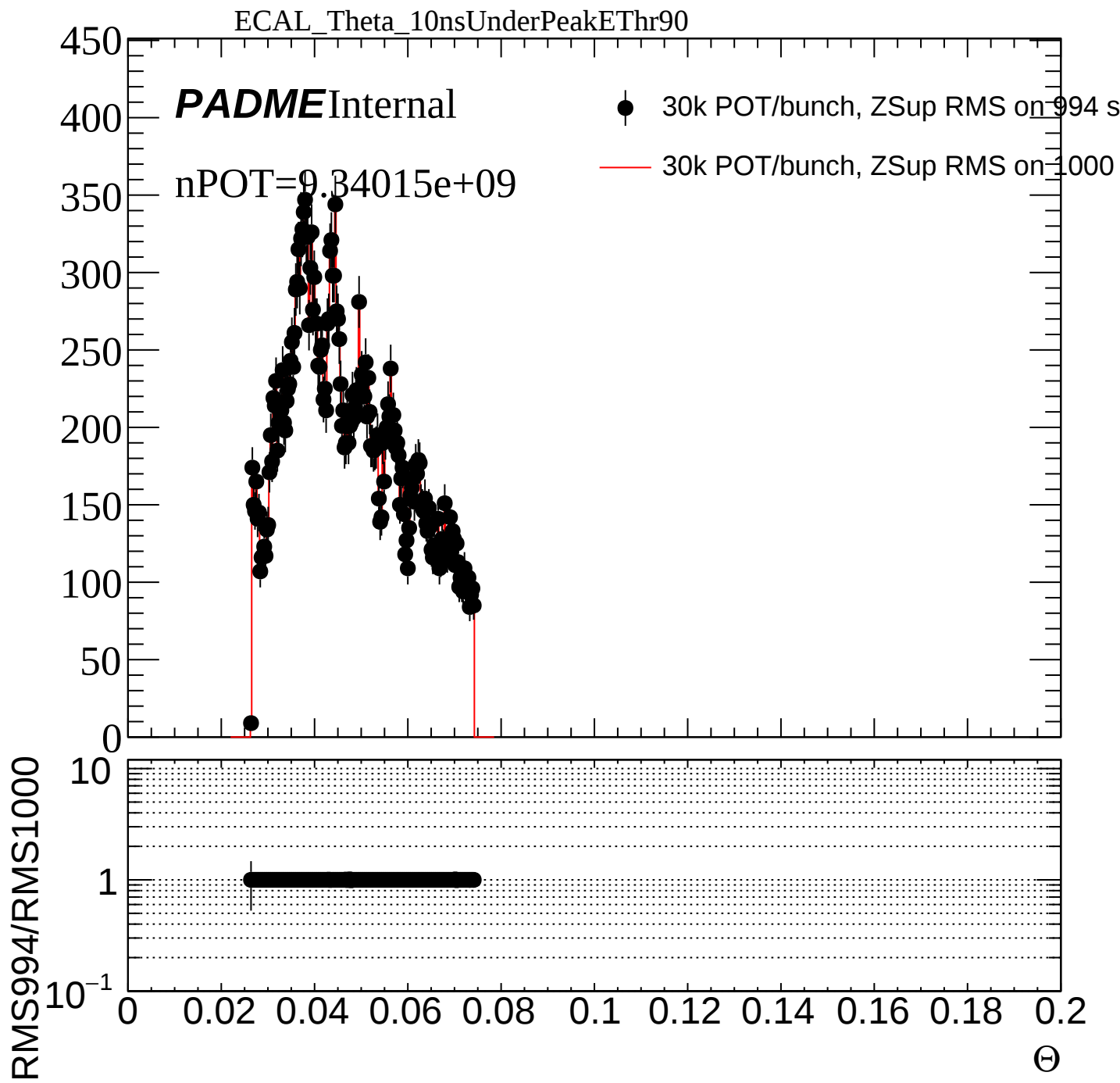
● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



ECAL_yCoGgg_10ns5CoGUnderPeakEThr90





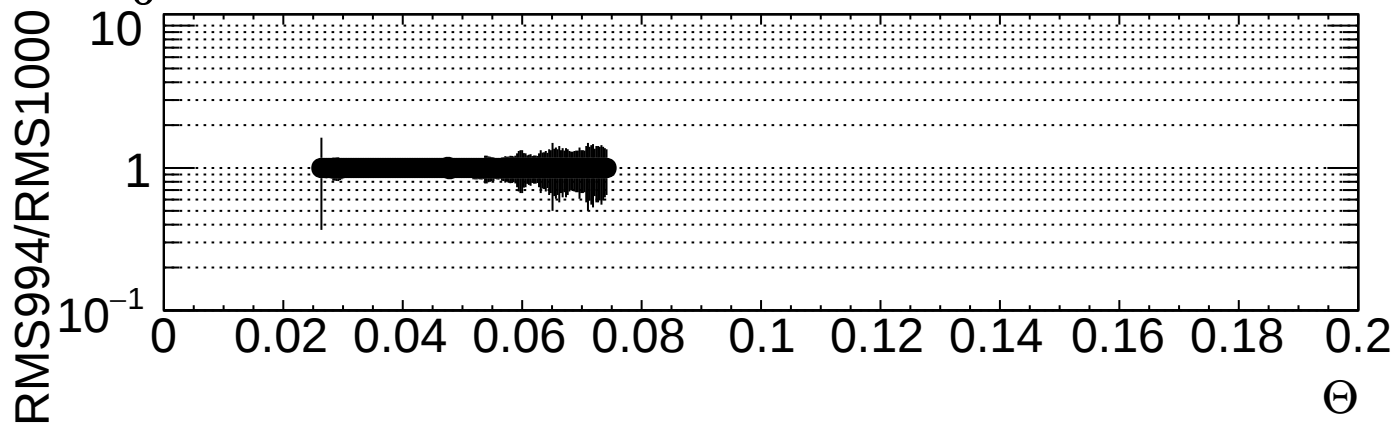
ECAL_ThetaG1_10nsUnderPeakEThr90

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



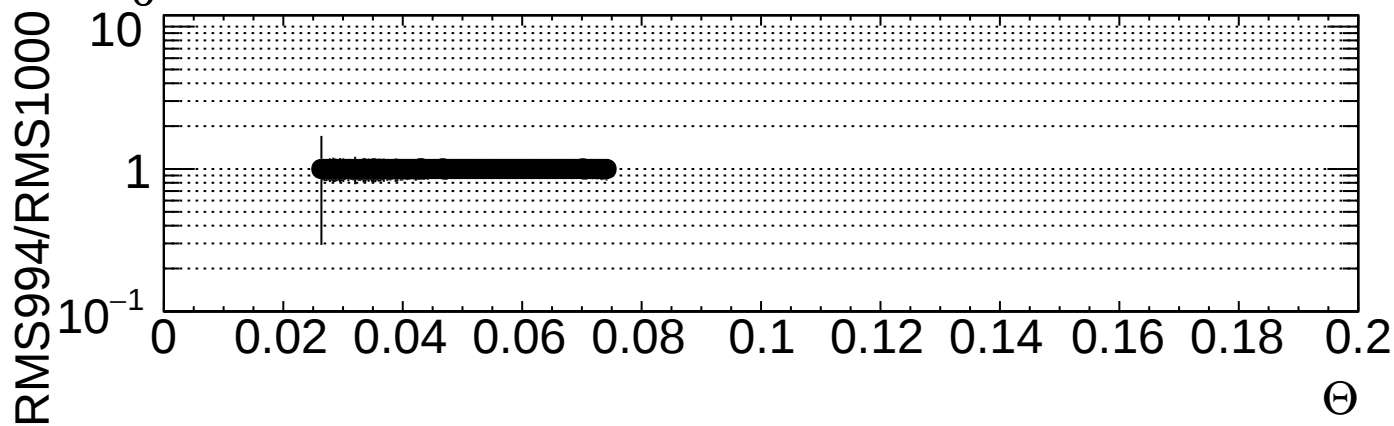
ECAL_ThetaG2_10nsUnderPeakEThr90

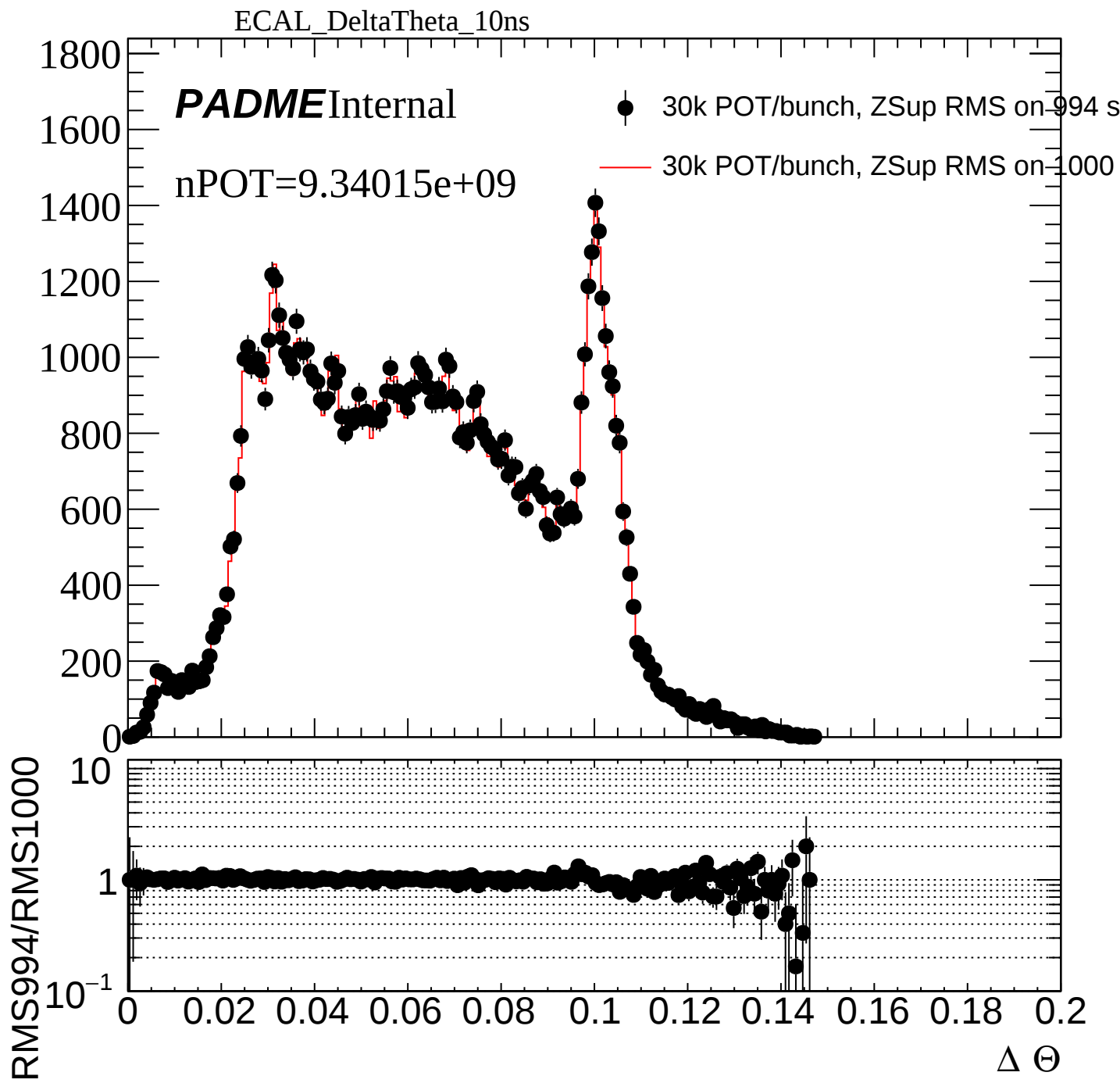
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





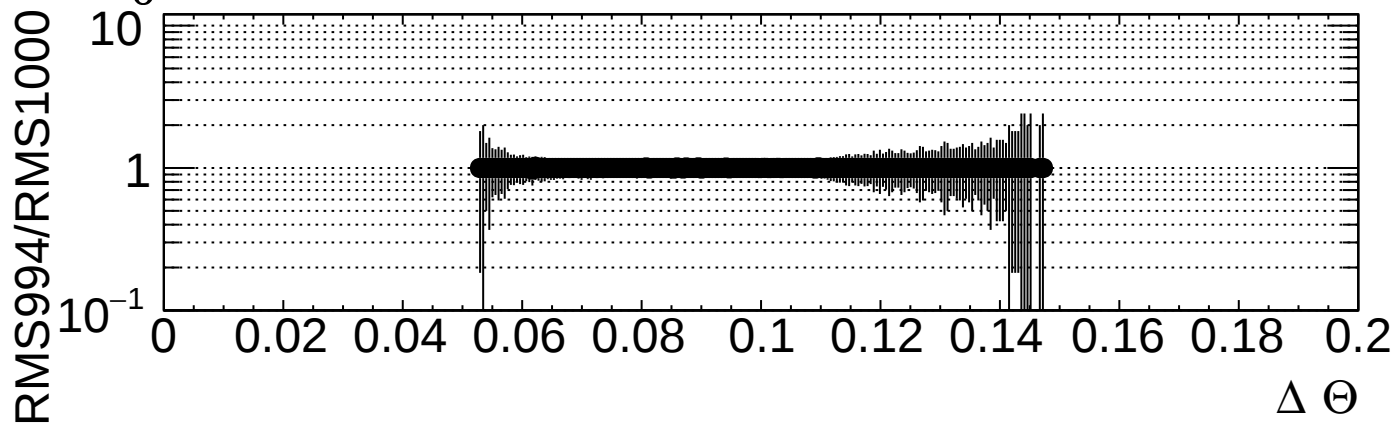
ECAL_DeltaTheta_10nsDeltaPhi20

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000



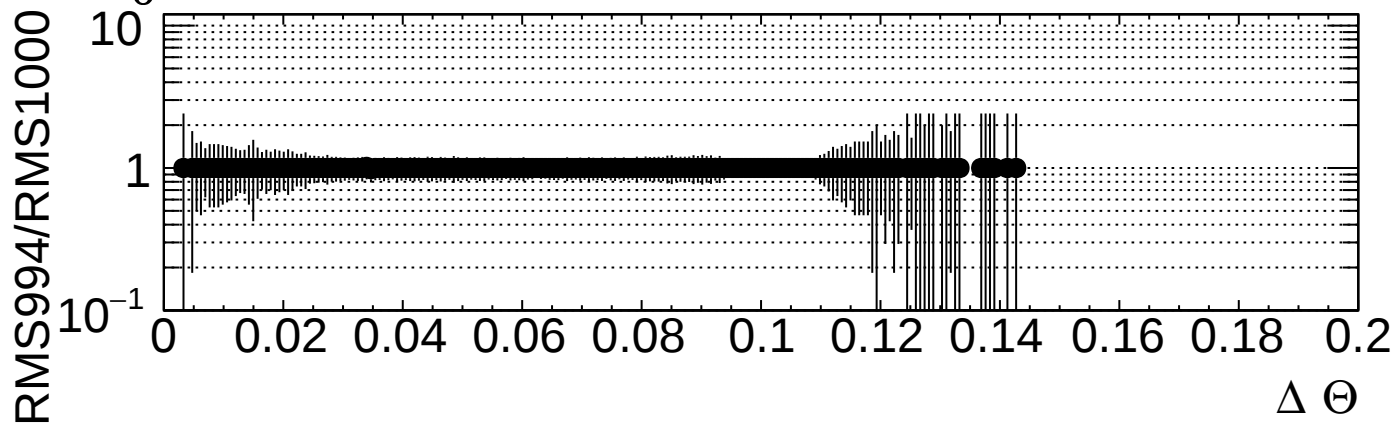
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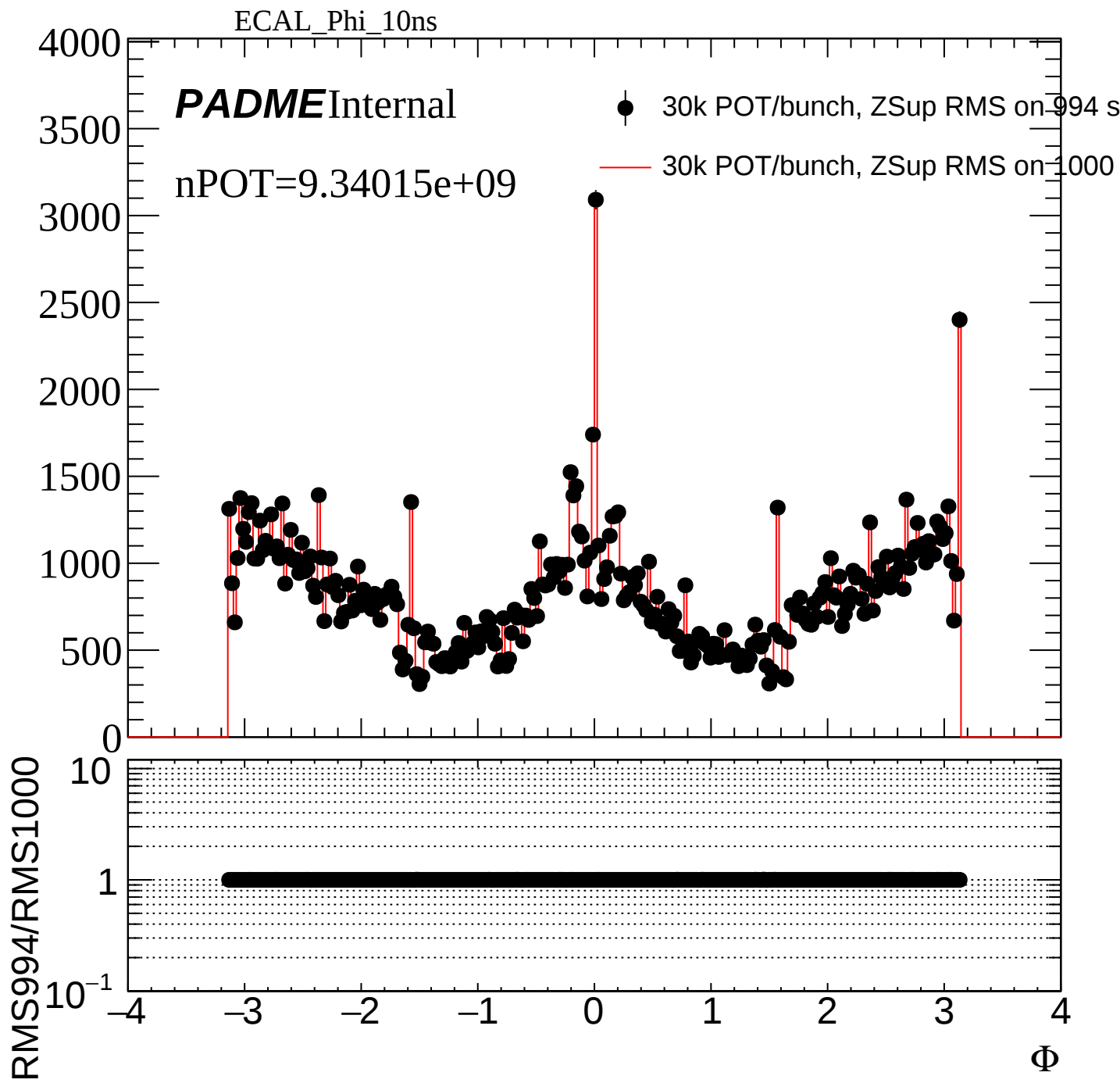
PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000





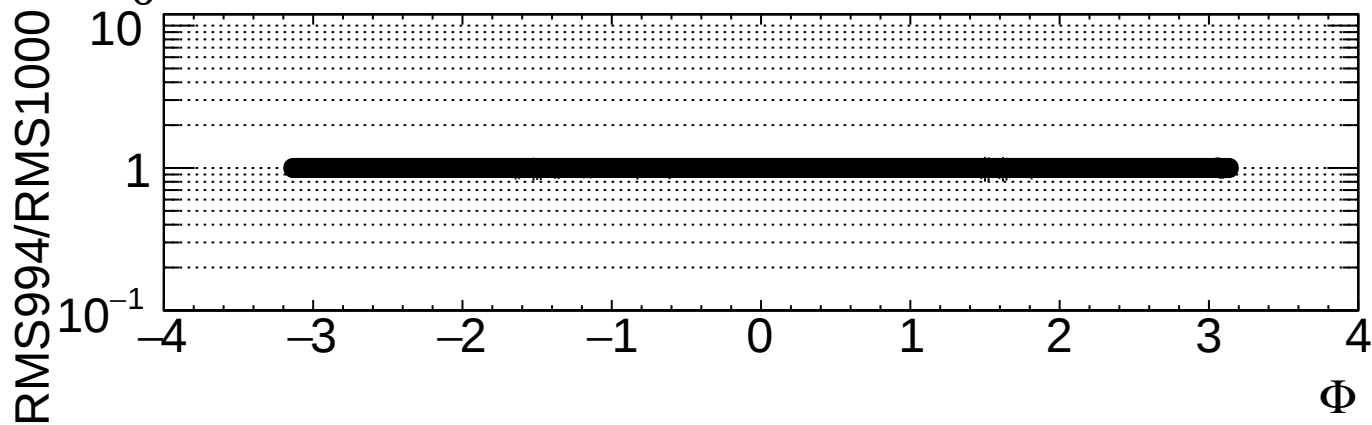
ECAL_Phi_10nsUnderPeakEThr90

PADMEInternal

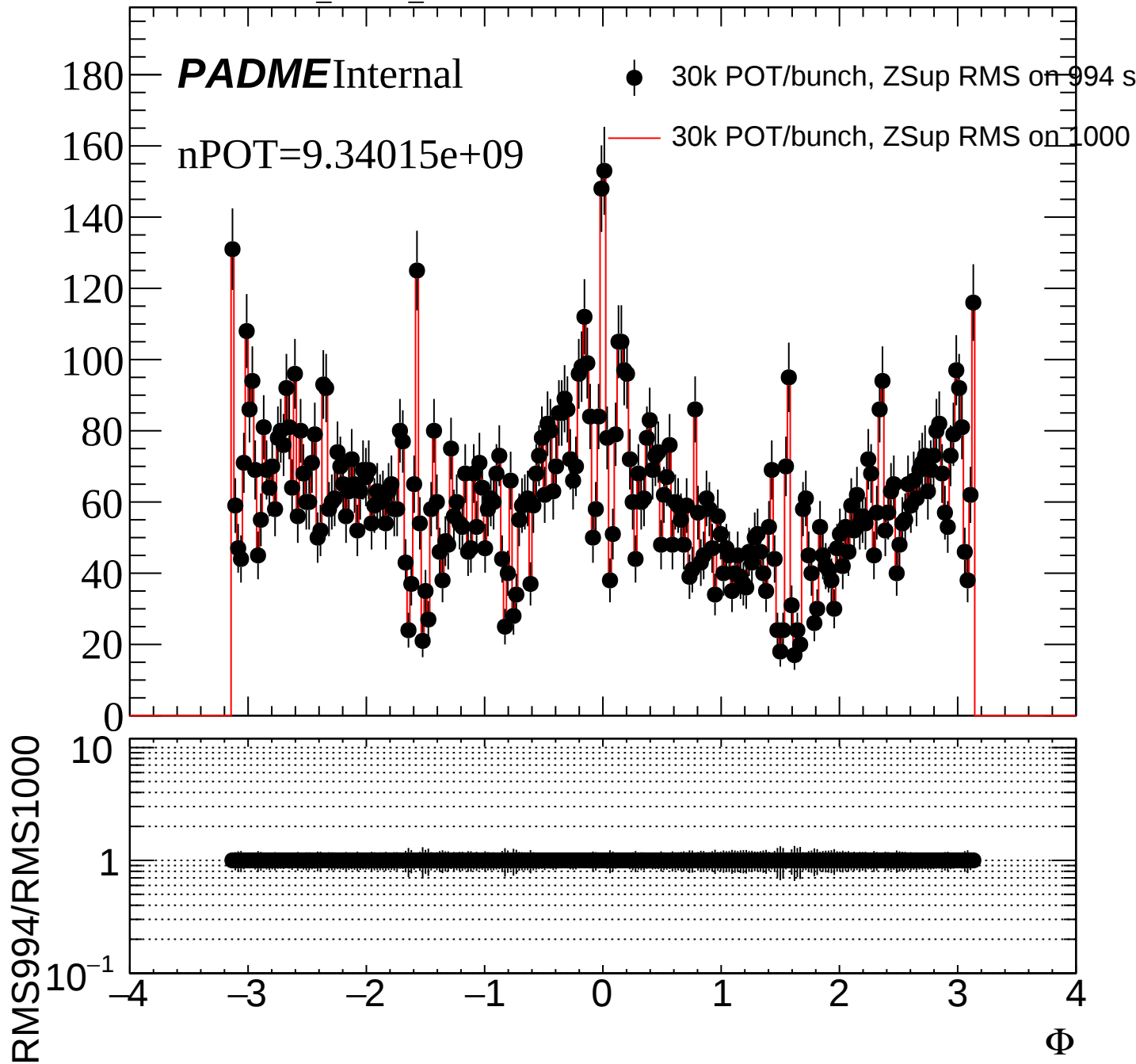
nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

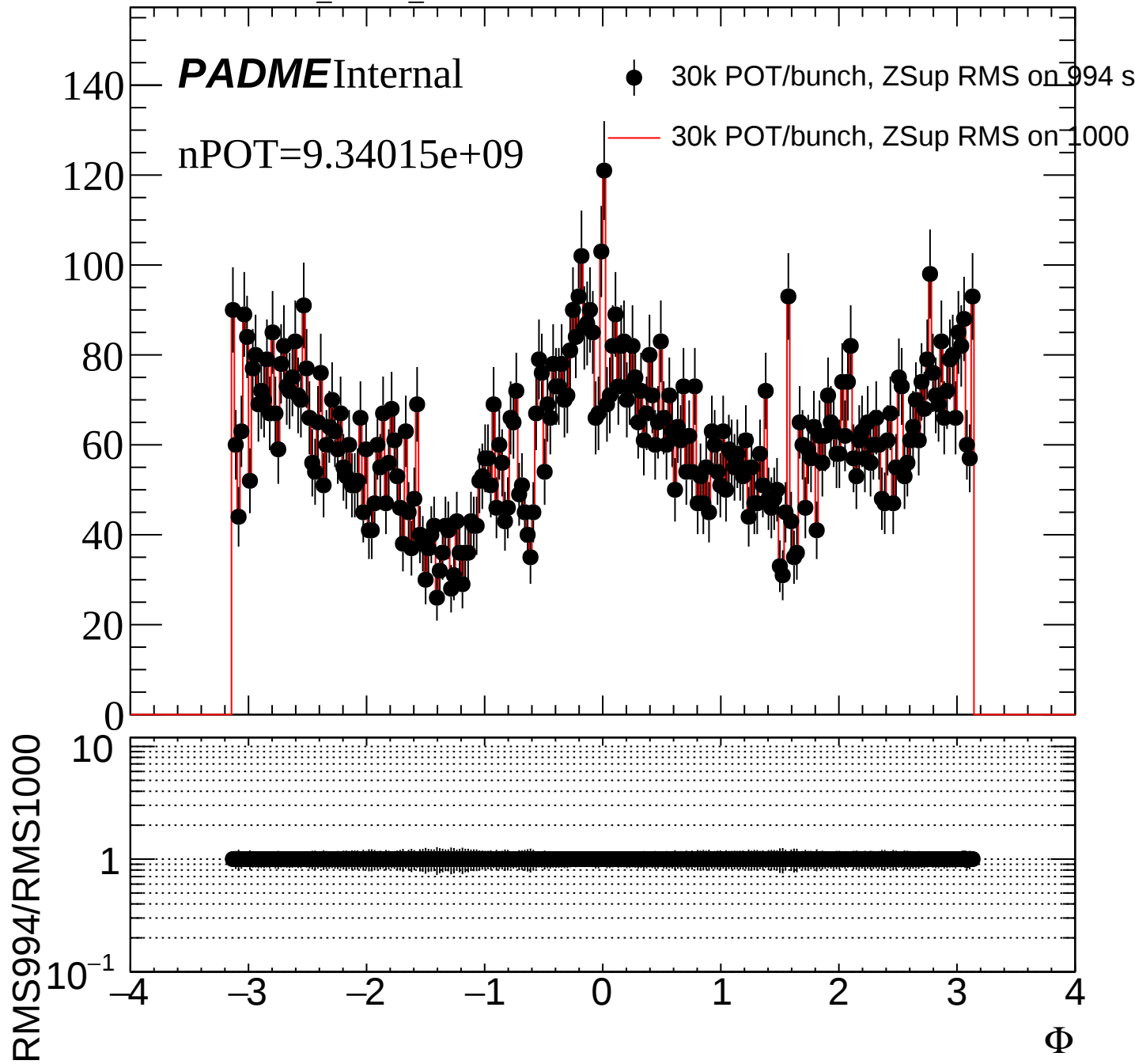
— 30k POT/bunch, ZSup RMS on 1000



ECAL_PhiG1_10nsUnderPeakEThr90



ECAL_PhiG2_10nsUnderPeakEThr90



ECAL_Phi_10nsDeltaTheta

1000

PADMEInternal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000

800

600

400

200

0

RMS994/RMS1000

10

1

10⁻¹

-4

-3

-2

-1

0

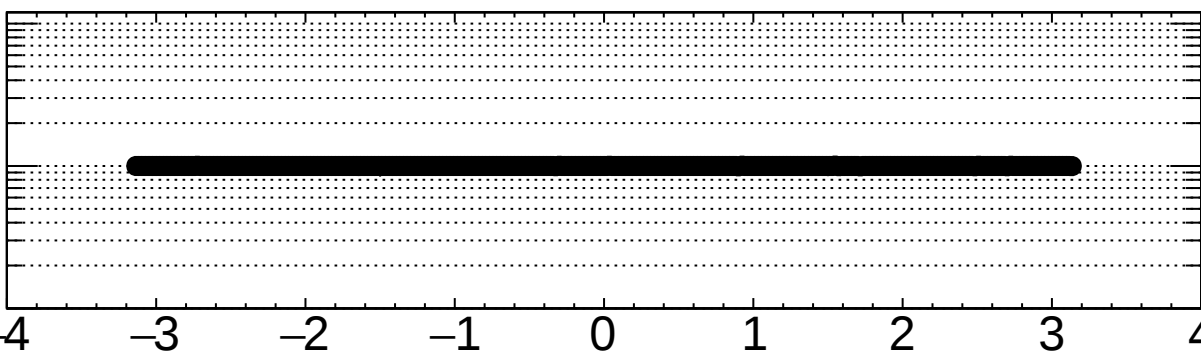
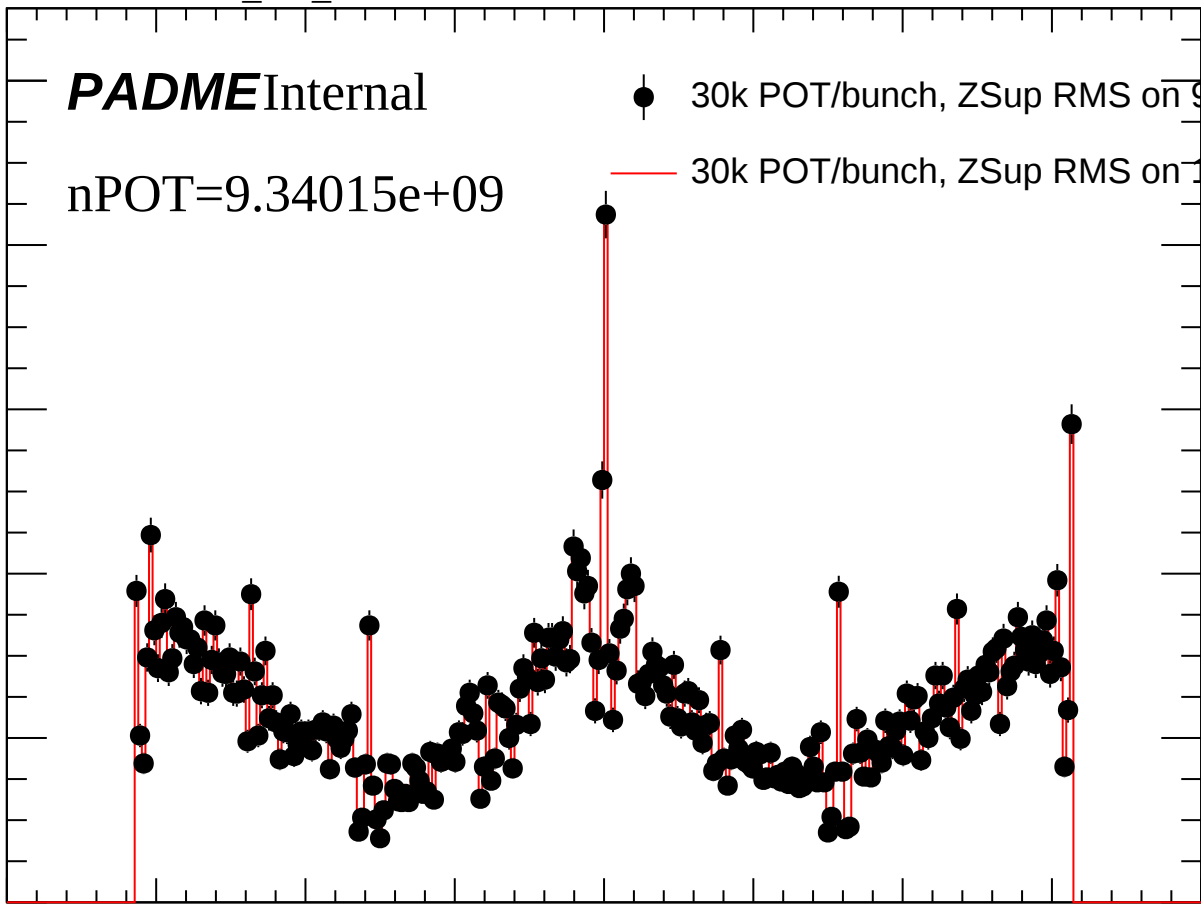
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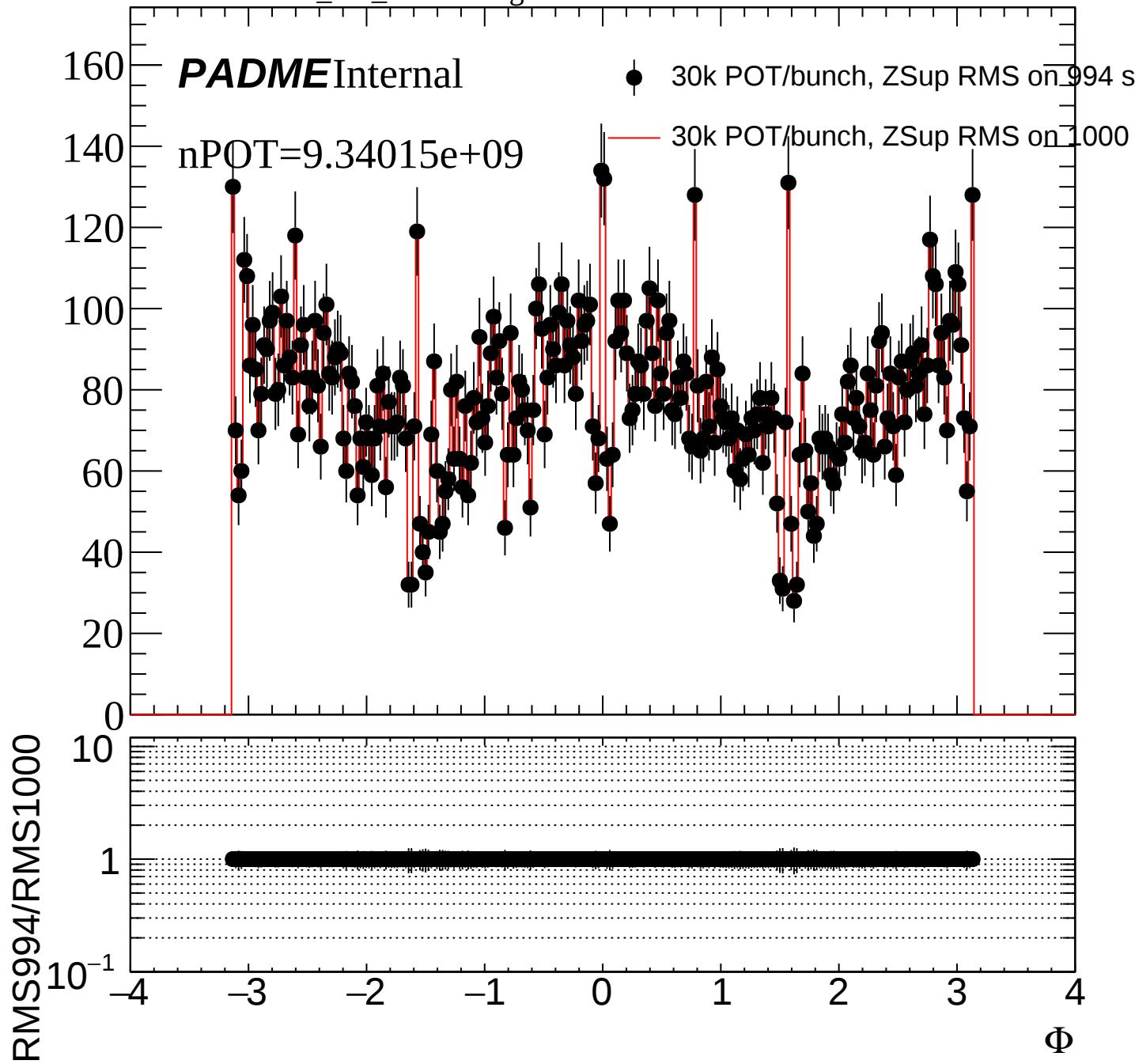
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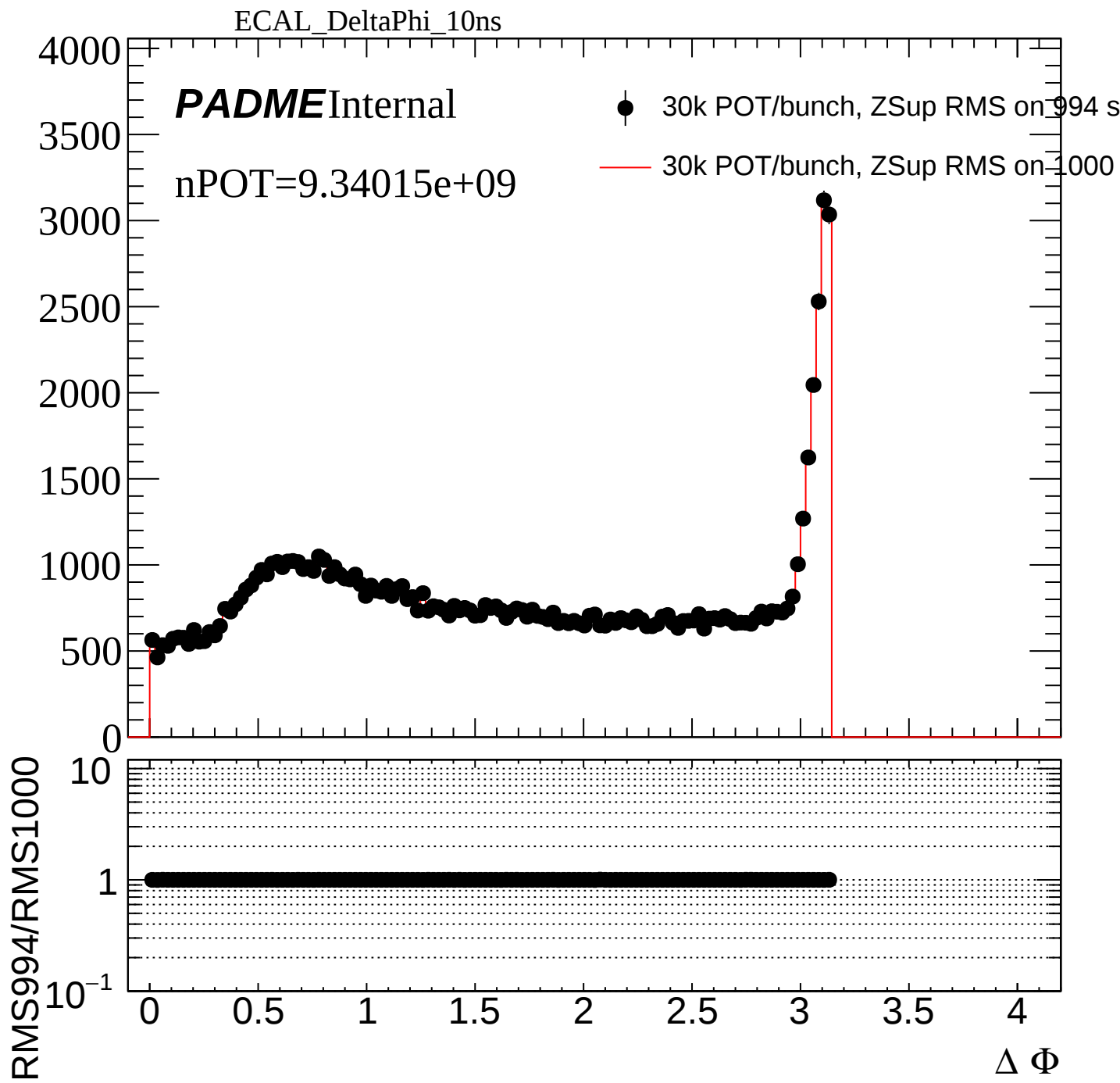
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Φ



ECAL_Phi_10ns20DegreeDeltaThetaUnderPeakEThr90





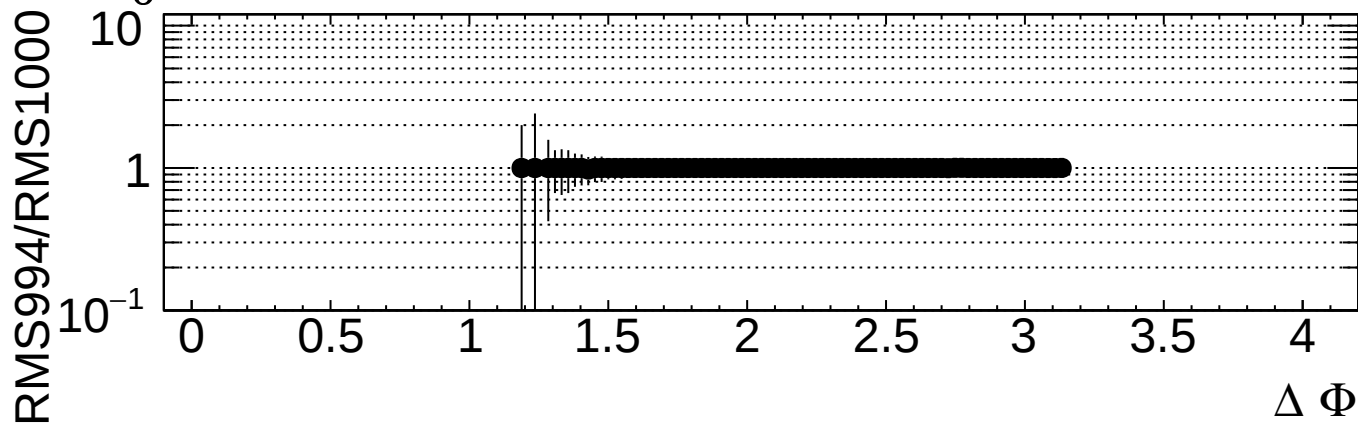
ECAL_DeltaPhi_10nsDeltaTheta

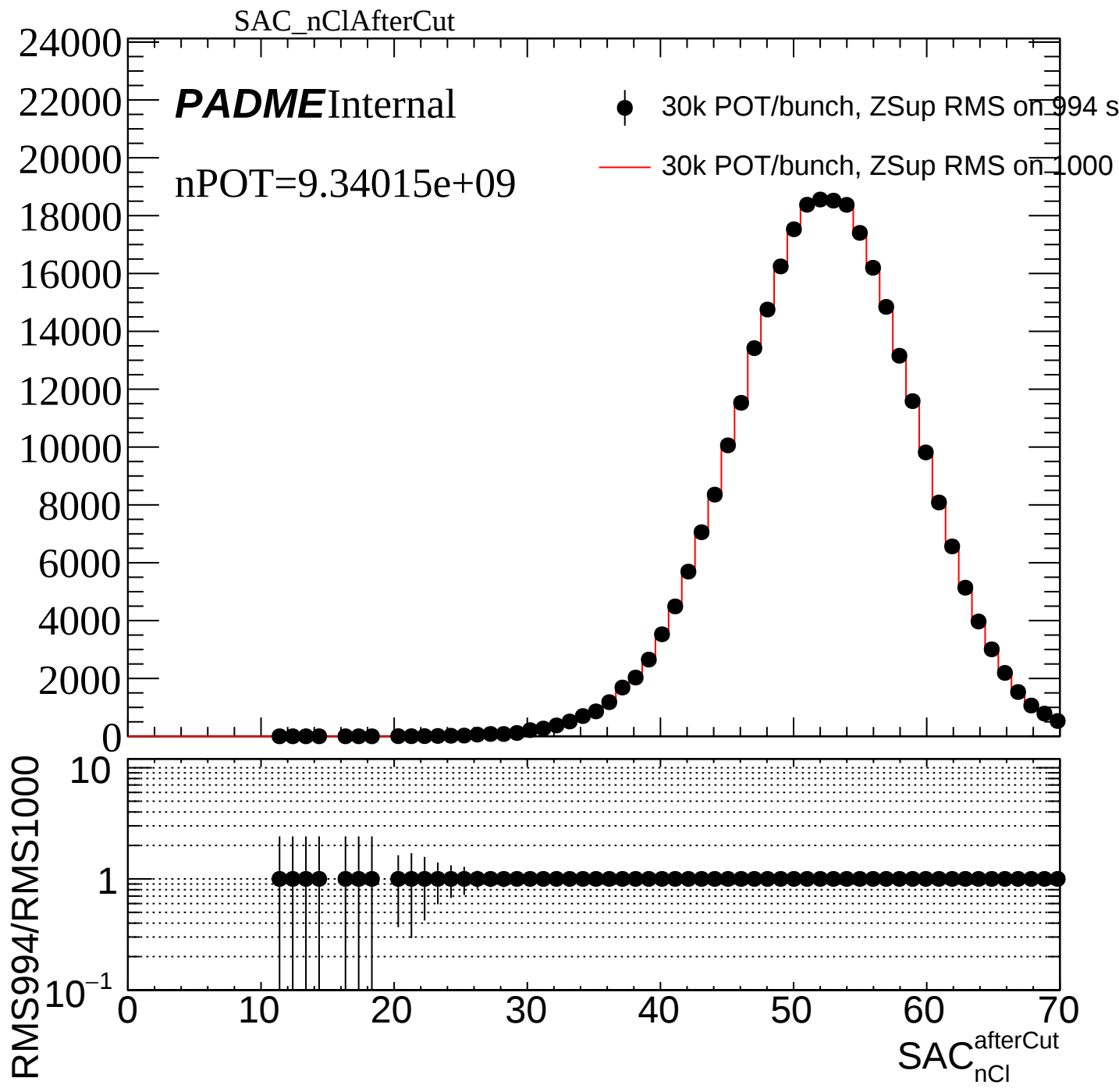
PADMEInternal

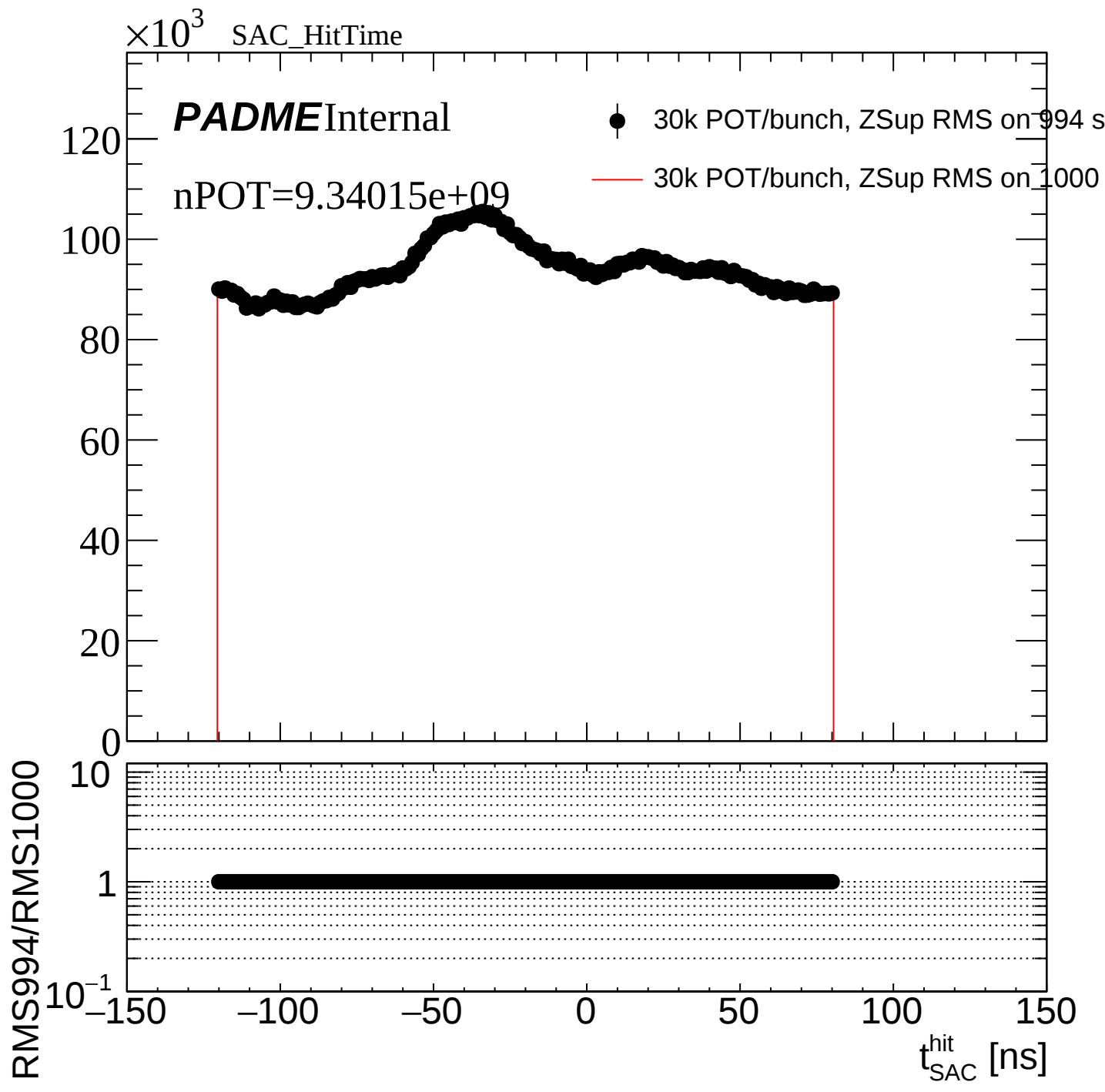
nPOT=9.34015e+09

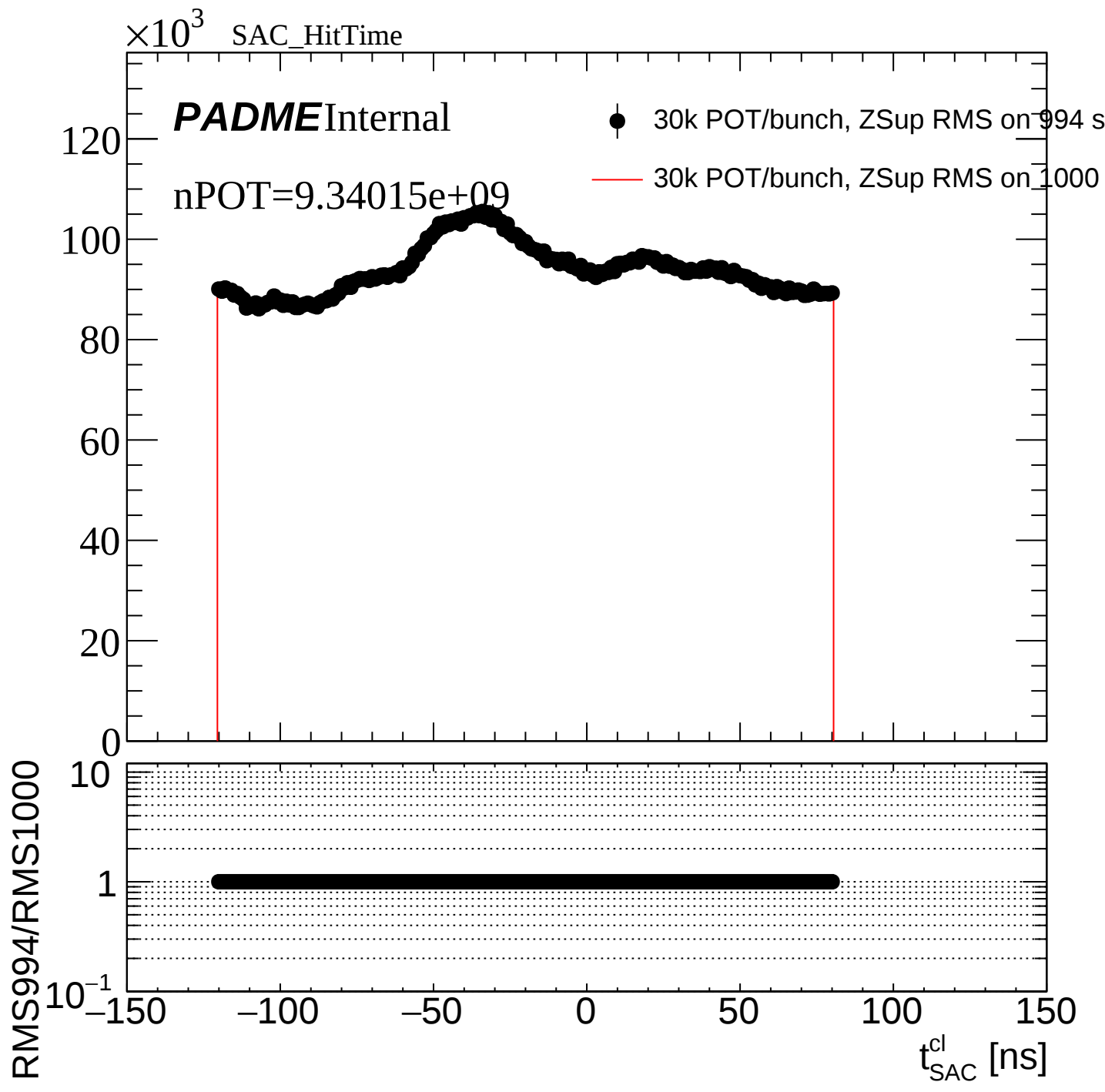
● 30k POT/bunch, ZSup RMS on 994 s

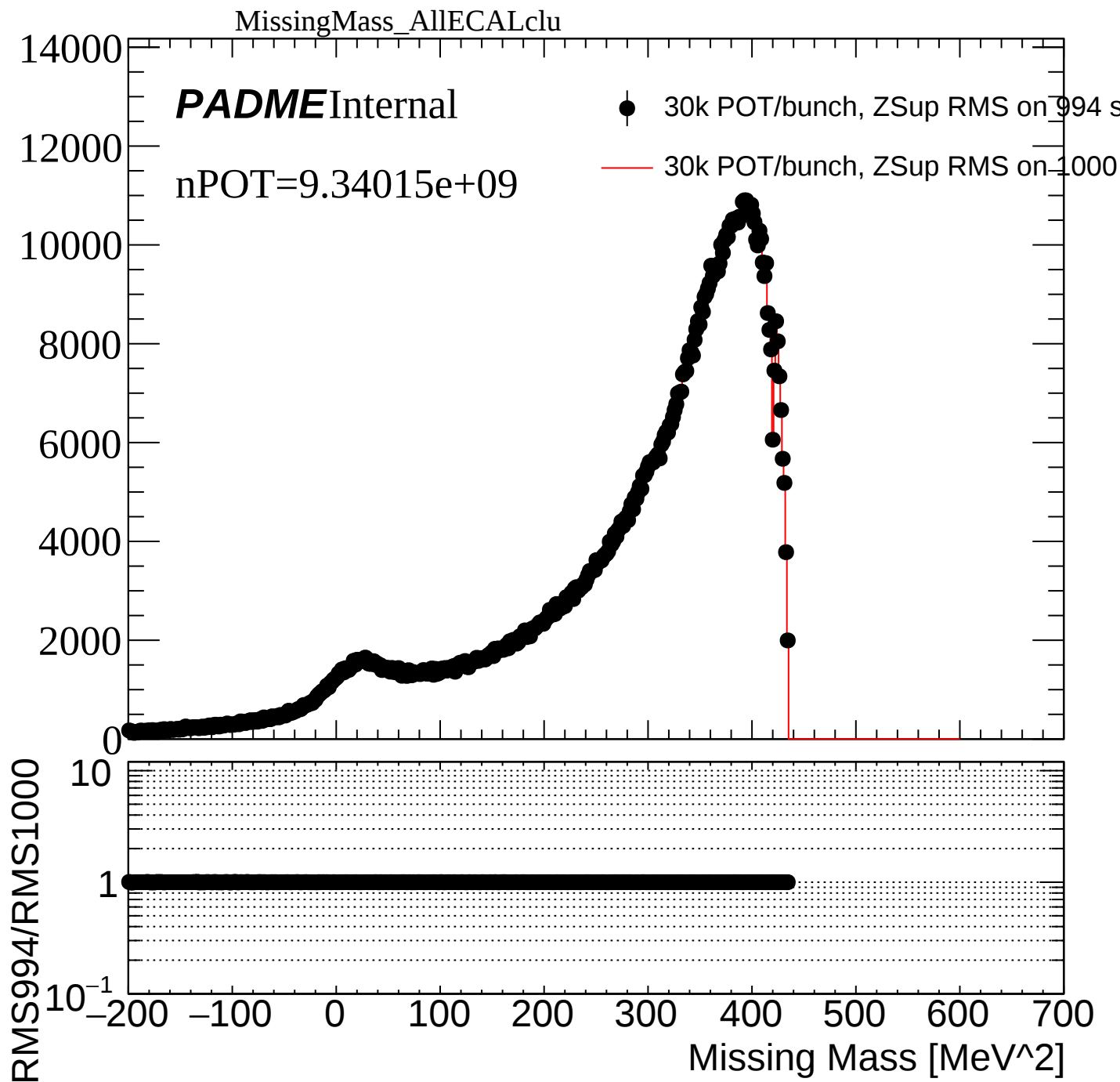
— 30k POT/bunch, ZSup RMS on 1000



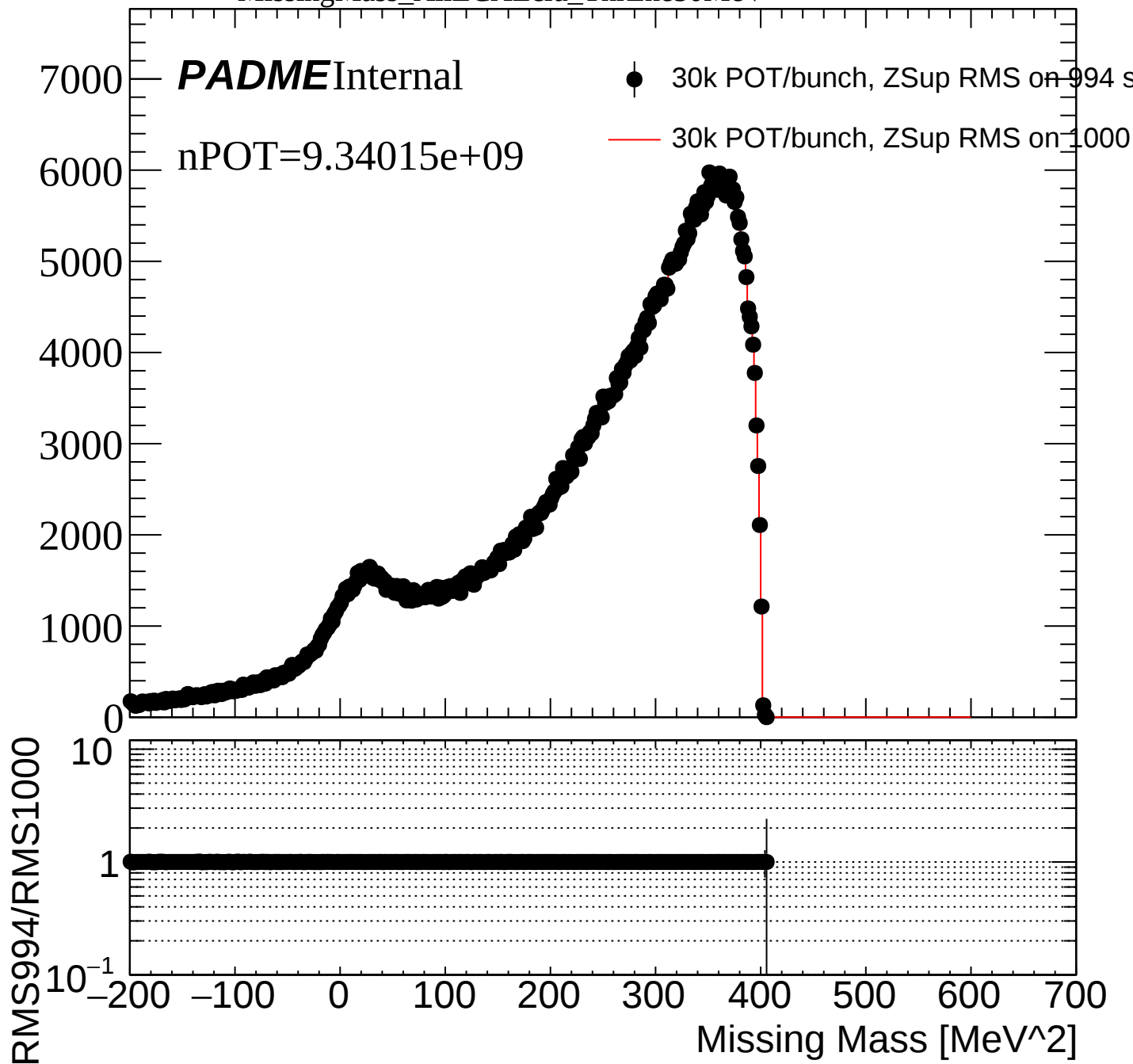








MissingMass_AllECALclu_ThrEne50MeV



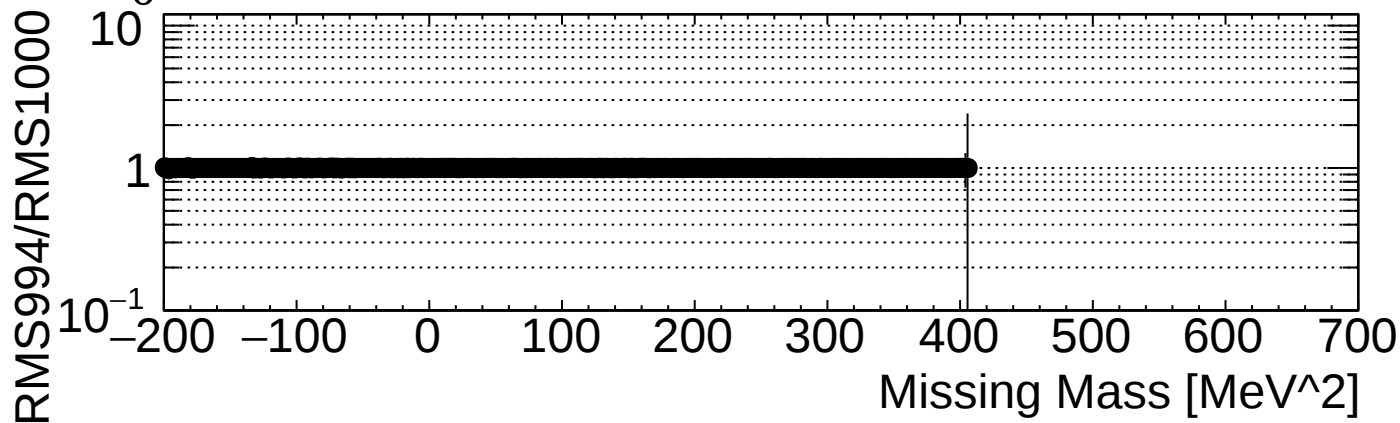
MissingMass_NoClInTime20ns_ThrEne50MeV

PADMEInternal

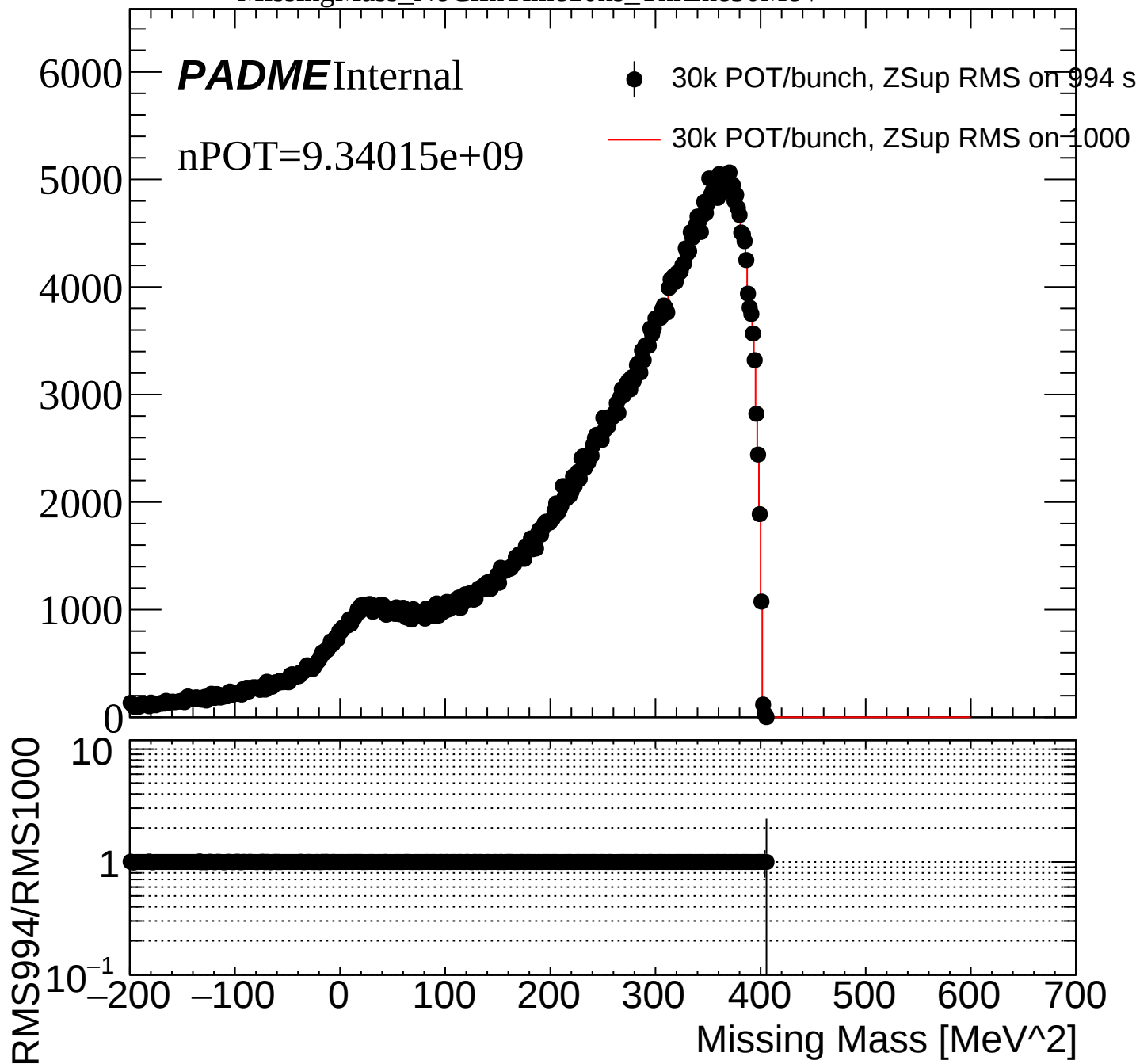
nPOT=9.34015e+09

30k POT/bunch, ZSup RMS on 994 s

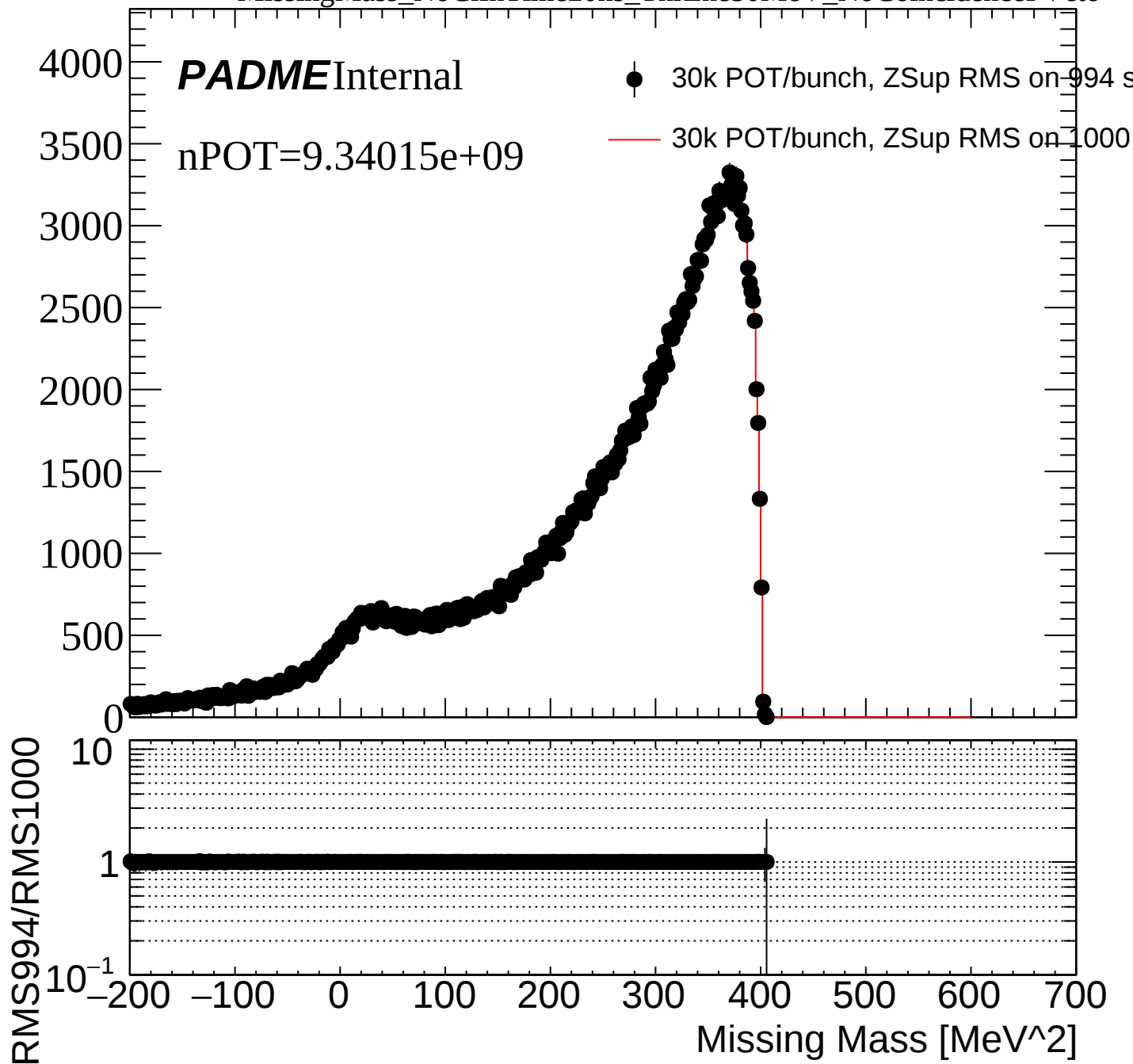
30k POT/bunch, ZSup RMS on 1000 s

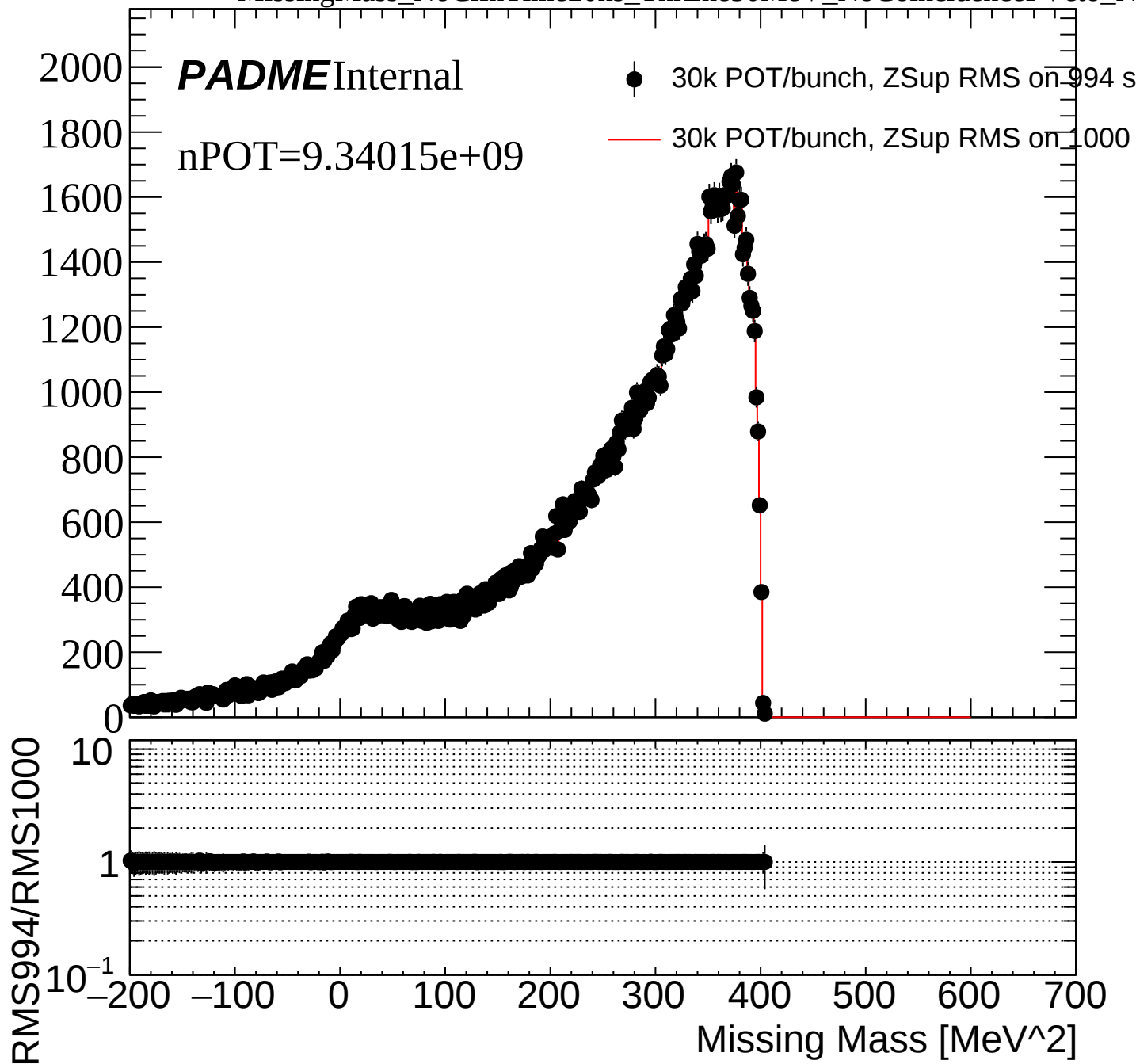


MissingMass_NoClInTime10ns_ThrEne50MeV



MissingMass_NoClInTime20ns_ThrEne50MeV_NoCoincidencePVeto





MissingMass_NoClInTime10ns_ThrEne50MeV_NoCoincidencePVeto

PADME Internal

nPOT=9.34015e+09

● 30k POT/bunch, ZSup RMS on 994 s

— 30k POT/bunch, ZSup RMS on 1000 s

