sPHENIX Intern[al]
run 47289-53864
MC run28 Photon
$|vz| < 60$ cm
$|\eta|_{jet} < 1.1 - R$
$|\eta|_{cluster} < 1.1$
$\Delta\phi > 7\pi/8$
$p_T^{jet} > 5$ GeV
$|\Delta T|_{jet,cluster} < 4$
JES Calibrated
Analysis region A:
$E_{iso} < 2$ GeV
bdt score > 0.7

sPHENIX Intern

run 47289-53864

MC run28 Photon

$|vz| < 60$ cm

$|\eta|_{jet} < 1.1 - R$

$|\eta|_{cluster} < 1.1$

$\Delta\phi > 7\pi/8$

$p_T^{jet} > 5$ GeV

$|\Delta T|_{jet,cluster} < 4$

JES Calibrated

Analysis region B:

$E_{iso} > 2$ GeV

bdt score > 0.7

sPHENIX Internal

run 47289-53864

MC run28 Photon

$|vz| < 60$ cm

$|\eta|_{jet} < 1.1$ - R

$|\eta|_{cluster} < 1.1$

$\Delta\phi > 7\pi/8$

$p_T^{jet} > 5$ GeV

$|\Delta T|_{jet,cluster} < 4$

JES Calibrated

Analysis region C:

$E_{iso} < 2$ GeV

bdt score < 0.7

data

MC Photon reco

sPHENIX Intern

run 47289-53864

MC run28 Photon

$|vz| < 60$ cm

$|\eta|_{jet} < 1.1 - R$

$|\eta|_{cluster} < 1.1$

$\Delta\phi > 7\pi/8$

$p_T^{jet} > 5$ GeV

$|\Delta T|_{jet,cluster} < 4$

JES Calibrated

Analysis region D:

$E_{iso} > 2$ GeV

bdt score < 0.7

$p_{T,max}^{Jet}/p_{T,max}^{cluster}$

sPHENIX Internal

run 47289-53864

MC run28 Photon

$|vz| < 60$ cm

$|\eta|_{jet} < 1.1 - R$

$|\eta|_{cluster} < 1.1$

$\Delta\phi > 7\pi/8$

$p_T^{jet} > 5$ GeV

$|\Delta T|_{jet,cluster} < 4$

JES Calibrated

Combined ABCD