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Direct Photon Samples

Here is a list of samples I intend to use for analysis. They are similar to MartinAANs except for the background samples which are also binned in energy like the gamma+jet. To see pythia job options look for dataset number in `/Generators/EvgenJobOptions/share/`.

Gamma+Jet

Kinematic Range	AOD
17-35 GeV	trig1_misal1_mc12.008095.PythiaPhotonJet1_FIXED.recon.AOD.v12000604
35-70 GeV	trig1_misal1_mc12.008096.PythiaPhotonJet2_FIXED.recon.AOD.v12000604
70-140 GeV	trig1_misal1_mc12.008097.PythiaPhotonJet3_FIXED.recon.AOD.v12000604
140-280 GeV	trig1_misal1_mc12.008098.PythiaPhotonJet4_FIXED.recon.AOD.v12000604
280-560 GeV	trig1_misal1_mc12.008099.PythiaPhotonJet5_FIXED.recon.AOD.v12000604
560-1120 GeV	trig1_misal1_mc12.008078.PythiaPhotonJet6_FIXED.recon.AOD.v12000604

Backgrounds:

With matching detector model and reconstruction:

Kinematic Range	AOD
8-17 GeV	
17-35 GeV	
35-70 GeV	trig1_misal1_mc12.005011.J2_pythia_jetjet.recon.AOD.v12000604
70-140 GeV	trig1_misal1_mc12.005012.J3_pythia_jetjet.recon.AOD.v12000604
140-280 GeV	
280-560 GeV	trig1_misal1_mc12.005014.J5_pythia_jetjet.recon.AOD.v12000604
560-1120 GeV	trig1_misal1_mc12.005015.J6_pythia_jetjet.recon.AOD.v12000604
1120-2240 GeV	
>2240 GeV	

Or for a more complete set with mixed reconstruction but same geometry:

Kinematic Range	AOD
8-17 GeV	trig1_misal1_csc11.005009.J0_pythia_jetjet.recon.AOD.v12000604
17-35 GeV	trig1_misal1_csc11.005010.J1_pythia_jetjet.recon.AOD.v12000601
35-70 GeV	trig1_misal1_csc11.005011.J2_pythia_jetjet.recon.AOD.v12000604
70-140 GeV	trig1_misal1_csc11.005012.J3_pythia_jetjet.recon.AOD.v12000604
140-280 GeV	trig1_misal1_csc11.005013.J4_pythia_jetjet.recon.AOD.v12000605
280-560 GeV	trig1_misal1_csc11.005014.J5_pythia_jetjet.recon.AOD.v12000604
560-1120 GeV	trig1_misal1_csc11.005015.J6_pythia_jetjet.recon.AOD.v12000604
1120-2240 GeV	trig1_misal1_csc11.005016.J7_pythia_jetjet.recon.AOD.v12000604
>2240 GeV	trig1_misal1_csc11.005017.J8_pythia_jetjet.recon.AOD.v12000601
	trig1_misal1_csc11.005017.J8_pythia_jetjet.merge.AOD.v12000605

Signal+Background:

Kinematic Range	AOD
>17 GeV	trig1_misal1_mc12_V1.005802.JF17_pythia_jet_filter.recon.AOD.v13003002
>35 GeV	trig1_misal1_mc12_V1.005807.JF35_pythia_jet_filter.recon.AOD.v13003002

This topic: Main > MarkAODs

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