

Weekly Report

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Found yy MC samples

- yy
 - SampleName.364352: Sherpa2_myy_90_175
 - SampleName.303729: Sherpa_2DP20_myy_100_160
 - SampleName.303751: Sherpa_2DP20_myy_100_160_3jets
 - SampleName.341939: Sherpa_2DP20_myy_100_165_3jets
- yy+lv; yy+jet
 - SampleName.341065: MGPy8_yyjj
 - SampleName.343311: Sherpa_enugammagammaPt17GeVmyy80GeV
 - SampleName.343312: Sherpa_munugammagammaPt17GeVmyy80GeV
 - SampleName.343313: Sherpa_taugammagammaPt17GeVmyy80GeV
 - SampleName.364874: Sherpa224_enugammagamma_LO_pty17_myy80
 - SampleName.364877: Sherpa224_munugammagamma_LO_pty17_myy80
 - SampleName.364880: Sherpa224_taugammagamma_LO_pty17_myy80
 - SampleName.407022: Sherpa_enugammagammaPt50GeV
 - SampleName.407023: Sherpa_munugammagammaPt50GeV
 - SampleName.407024: Sherpa_taugammagammaPt50GeV
- yy+2l
 - SampleName.364862: Sherpa224_eegammagamma_LO_pty17_myy80
 - SampleName.364865: Sherpa224_mumugammagamma_LO_pty17_myy80
 - SampleName.364868: Sherpa224_tautaugammagamma_LO_pty17_myy80
 - SampleName.364550: Sherpa2_eegammagamma_pty17_myy80_AF2
 - SampleName.364560: Sherpa2_tautaugammagamma_pty17_myy80_AF2
 - SampleName.364562: Sherpa2_tautaugammagamma_pty_35_70
 - SampleName.343314: Sherpa_ZeegammagammaPt17GeVmyy80GeV
 - SampleName.343315: Sherpa_ZmumugammagammaPt17GeVmyy80GeV
 - SampleName.343316: Sherpa_ZtautaugammagammaPt17GeVmyy80GeV
 - SampleName.407025: Sherpa_ZeegammagammaPt50GeV
 - SampleName.407026: Sherpa_ZmumugammagammaPt50GeV
 - SampleName.407027: Sherpa_ZtautaugammagammaPt50GeV

small; ~8k. with overlaps.

- Now validating these samples.
 - Tau information not validated yet in these MXAOD;

Tau trigger

- A bug found in the script about Pt cut
 - fix 1.18
 - 318%, under check with Tamara

Weighted evts;	1L	2L				
Trigger/Channel:	1l2tau	2lss1tau	2los1tau	2los2tau	3l1tau	3l new
Nominal	6.73	5.76	6.41	0.11	0.31	0.37
Nominal NewTrigs	7.88	14.00	18.37	0.27	1.18	1.18
NewTrigs	7.67	13.81	18.10	0.27	0.39	1.18
NewTrigs e+tau best	3.97	8.74	8.51	0.19	0.35	1.02
NewTrigs mu+tau best	3.57	7.42	12.54	0.15	0.25	0.37
NewTrigs/Nominal	109%	239%	281%	245%	139%	318%

- ML Grid space
 - Replica rule; now done
- QT
 - Report in next meeting.