HT.Run2012A-22Jan2013.jsonWeight
HTMHTParked.Run2012B-22Jan2013.jsonWeight
HTMHTParked.Run2012C-22Jan2013.jsonWeight
HTMHTParked.Run2012D-22Jan2013.jsonWeight
wj_lv_mg_ht_400ToInf_LO.puWeight.bTagWeight.xsWeight
wj_lv_mg_ht_250To300_LO.puWeight.bTagWeight.xsWeight
wj_lv_mg_ht_300To400_LO.puWeight.bTagWeight.xsWeight
wj_lv_mg_ht_200To250_LO.puWeight.bTagWeight.xsWeight
wj_lv_mg_ht_10To150_LO.puWeight.bTagWeight.xsWeight
wj_lv_mg_ht_150To200_LO.puWeight.bTagWeight.xsWeight
zinv_mg_ht_400_inf.puWeight.bTagWeight
zinv_mg_ht_200_400.puWeight.bTagWeight
zinv_mg_ht_100_200.puWeight.bTagWeight
zinv_mg_ht_100_200.puWeight.bTagWeight

zinv_mg_ht_50_100.puWeight.bTagWeight

nI

file created at Tue Nov 4 23:16:28 2014

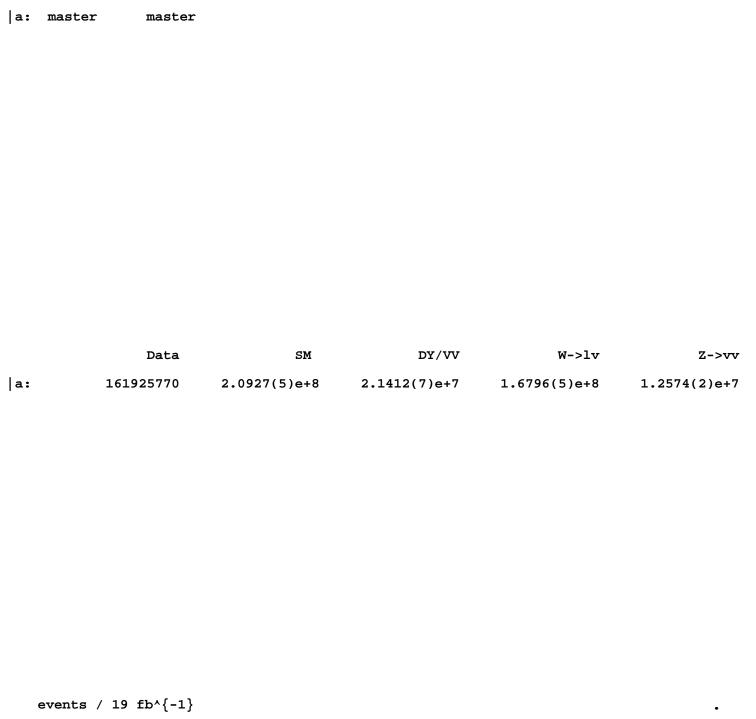
sample

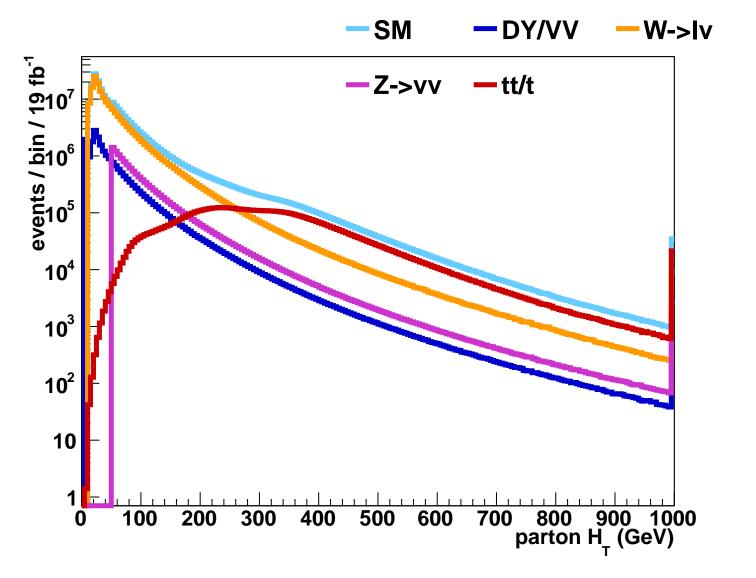
```
ecalLaserCalibEvent2012
                               pass Ecal laser calibration 2012 event filter
     electronIndicesNonIsoPF
                               pass ptMin & id; fail iso
      electronIndicesOtherPF
                               pass ptMin; fail id
           electronIndicesPF
                               pt>10.0; (2012 Veto)
  electronIndicesUnmatchedPF
                               electronIndicesOtherPF; no dR<0.5 match in ak5Je
          genIndicesStatus3t
                               pdgId in [-6, 6]; status in [3]
                               pass HCAL laser 2012 event filter
          hcalLaserEvent2012
                  isonWeight
                               run:ls in cert/Cert_190456-208686_8TeV_22Jan2013
        muonIdPog2012LoosePF
                               https://twiki.cern.ch/twiki/bin/view/CMSPublic/S
        muonIdPog2012TightPF
                               https://twiki.cern.ch/twiki/bin/view/CMSPublic/S
         muonIndicesNonIsoPF
                               pass ptMin & id; fail iso
          muonIndicesOtherPF
                               pass ptMin; fail id
               muonIndicesPF
                                IdPog2012Tight; pt>10.0 GeV; PfIsolationR04Delta
       photonIndicesOtherPat
                               pass ptMin; fail id/iso
            photonIndicesPat
                               pT>=25.0 GeV; photonSimpleCutBased2012TightPat
   photonIndicesUnmatchedPat
                               photonIndicesOtherPat; no dR<0.5 match in ak5Jet
                    vertexID
                                !fake; nd>=5.0; |z| <= 24.0 cm; d0<=2.0 cm
               vertexIndices
                                ; pass ID
          vertexIndicesOther
                               pass sumPtMin; fail ID
                      weight
                               1.bTaqWeight.puWeight
                      weight
                               1.bTagWeight.puWeight.topPtWeight
                      weight
                               1.bTagWeight.puWeight.xsWeight
                      weight
                               1. jsonWeight
      xcak5JetCorrectedP4Pat
                               muonPFDR<0.50; electronPFDR<0.50; photonPatDR<0.</pre>
     xcak5JetIndicesOtherPat
                               pass ptMin; fail jetID or etaMax
          xcak5JetIndicesPat
                               pT>=50.0 GeV; |eta|<3.0; JetIDtight
    xcak5JetPFCorrectedP4Pat
                               muonPFDR<0.50; electronPFDR<0.50; photonPatDR<0.</pre>
xcak5JetPFDeadEcalDRlowPtPat
                               xcak5JetPFPat; nXtal>=10; cracks checked
xcak5JetPFIndicesBtagged2Pat
                                 (>0.679)
                               pass ptMin; fail jetID or etaMax
   xcak5JetPFIndicesOtherPat
                               pT>=50.0 GeV; |eta|<3.0; JetIDloose
        xcak5JetPFIndicesPat
  xcak5JetPFIndiceshighPtPat
                               pT>=50.0 GeV; |eta|<3.0; JetIDloose
   xcak5JetPFIndiceslowPtPat
                               pT>=30.0 GeV; |eta|<3.0; JetIDloose
```

Calculables (imperfect) absent calc leaf sltr

NONE

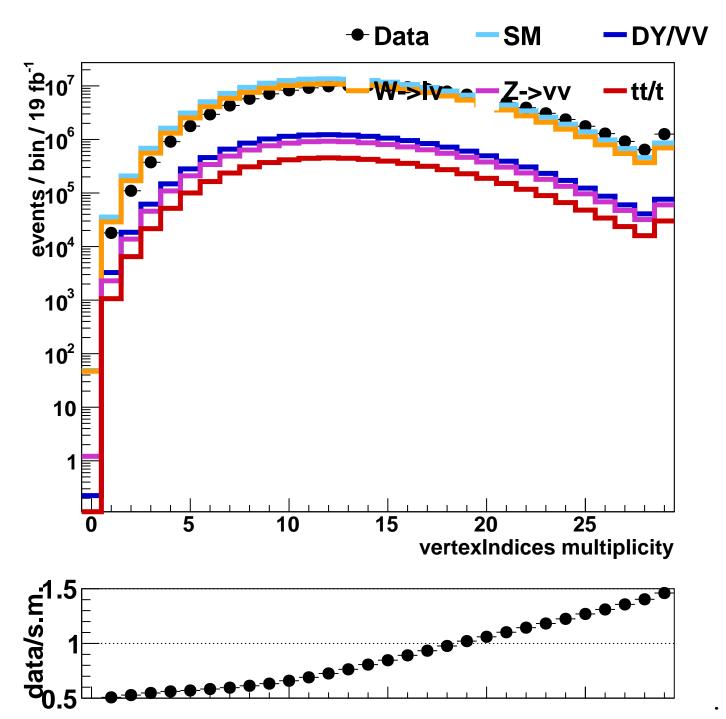
•





a: b: c: d: e: f: g: h: i: j:	master monster hbheNoise value	<pre>master <=10 tracks or >0.25 good fraction hbheNoise beamHaloCSCTightHaloId<=0.00 1.00<=trackingFailureFilterFlag 1.00<=hcalLaserEventFilterFlag 1.00<=ecalDeadCellTPFilterFlag 1.00<=eeBadScFilterFlag 1.00<=inconsistentMuonPFCandidateFilterFlag 1.00<=greedyMuonPFCandidateFilterFlag 0 <= singleIsolatedTrack <= 0</pre>				
	Data	SM	DY/VV	W->1v	Z->vv	
a:	161925770	2.0927(5)e+8	2.1412(7)e+7	1.6796(5)e+8	1.2574(2)e+7	
b:	161924972 160439157	2.0927(5)e+8	2.1412(7)e+7	1.6796(5)e+8	1.2574(2)e+7	
d:	159670356	2.0924(5)e+8	2.1409(7)e+7	1.6794(5)e+8	1.2573(2)e+7	
e:	159667829	2.0924(5)e+8	2.1409(7)e+7	1.6793(5)e+8	1.2573(2)e+7	
lf:	159667108	_	_	_	_	
g:	159142618	2.0922(5)e+8	2.1406(7)e+7	1.6792(5)e+8	1.2572(2)e+7	
h:	159142615	2.0922(5)e+8	2.1406(7)e+7	1.6792(5)e+8	1.2572(2)e+7	
i:	159111052	2.0917(5)e+8	2.1391(7)e+7	1.6789(5)e+8	1.2572(2)e+7	
j:	159107069	2.0914(5)e+8	2.1386(7)e+7	1.6787(5)e+8	1.2572(2)e+7	
k:	139728253	1.7269(4)e+8	1.5599(6)e+7	1.3952(4)e+8	1.1794(2)e+7	

events / 19 fb $^{-1}$



1: m: n: o:	multiplicity 11Filter physicsDeclaredFilt HTxTriggerMap	L1 er ph	<pre><= vertexIndices Tech_BPTX_plus_AND pysicsDeclaredFilte ratriggerMap</pre>		
p: q: r: s: t:	<pre>jetEtaSelector jetPtSelector jetPtSelector value uniquelyMatchedNoni</pre>	xc xc 37	<pre>eak5JetPFPat; eta[: eak5JetPFPat; pT[inc eak5JetPFPat; pT[inc f5.00<=xcak5JetPFSu eak5JetPFPat</pre>	dex[0]]>=100.0 Gev dex[1]]>=100.0 Gev	
u: v: w: x: y:	multiplicity multiplicity multiplicity multiplicity multiplicity	2 0 0	<pre><= xcak5JetPFIndic <= xcak5JetPFIndic <= xcak5JetPFIndic <= electronIndices <= photonIndicesPar</pre>	esPat esOtherPat <= 0 PF <= 0	<= 0
z: A: B: C:	multiplicity multiplicity multiplicity deadEcalFilter	0	<pre><= muonIndicesPF <:</pre>	UnmatchedPF <= 0 matchedPat <= 0	Star<0.500
	Data	SM	DY/VV	W->lv	Z->vv
1: m: n: o:	139728253 139728065 139600741 10701040	1.7269(4)e+8 - - -	1.5599(6)e+7 - - -	1.3952(4)e+8 - - -	1.1794(2)e+7 - - -
p: q: r: s: t:	10479362 10313235 8744352 7450225 7446364	4.664(2)e+7 1.0522(5)e+7 2.3977(9)e+6 1.1536(5)e+6 1.1516(5)e+6	4.328(3)e+6 8.35(1)e+5 1.716(2)e+5 6.828(7)e+4 6.818(7)e+4	3.100(2)e+7 5.802(5)e+6 9.628(7)e+5 3.506(3)e+5 3.503(3)e+5	6.113(1)e+6 1.4714(6)e+6 2.281(1)e+5 8.863(6)e+4 8.862(6)e+4
u: v: w:	7433356 7433356 6960603	1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6	6.751(7)e+4 6.751(7)e+4 6.586(7)e+4	3.477(3)e+5 3.477(3)e+5 3.413(3)e+5	8.859(6)e+4 8.859(6)e+4 8.741(5)e+4

6936664

6905535

6880817

6879619

6879103

1312306

9.505(4)e+5

9.427(4)e+5

7.843(4)e+5

7.838(4)e+5

7.837(4)e+5

2.351(2)e+5

x:

у:

z:

A:

в:

|C:

events / 19 fb^{-1}

4.973(7)e+4

4.895(6)e+4

3.433(6)e+4

3.430(6)e+4

3.429(6)e+4

9.29(3)e+3

2.522(2)e+5

2.473(2)e+5

1.572(2)e+5

1.571(2)e+5

1.570(2)e+5

6.33(1)e+4

8.739(5)e+4

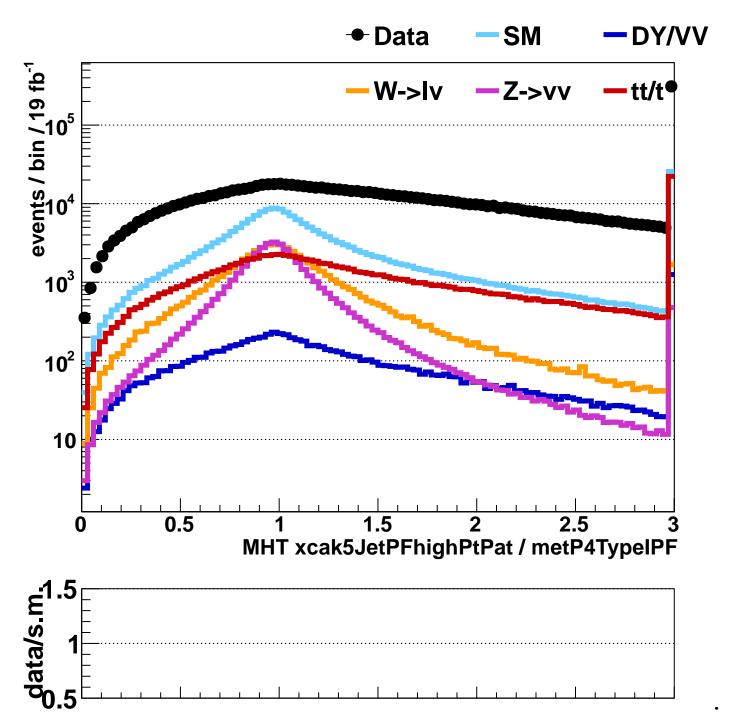
8.736(5)e+4

8.735(5)e+4

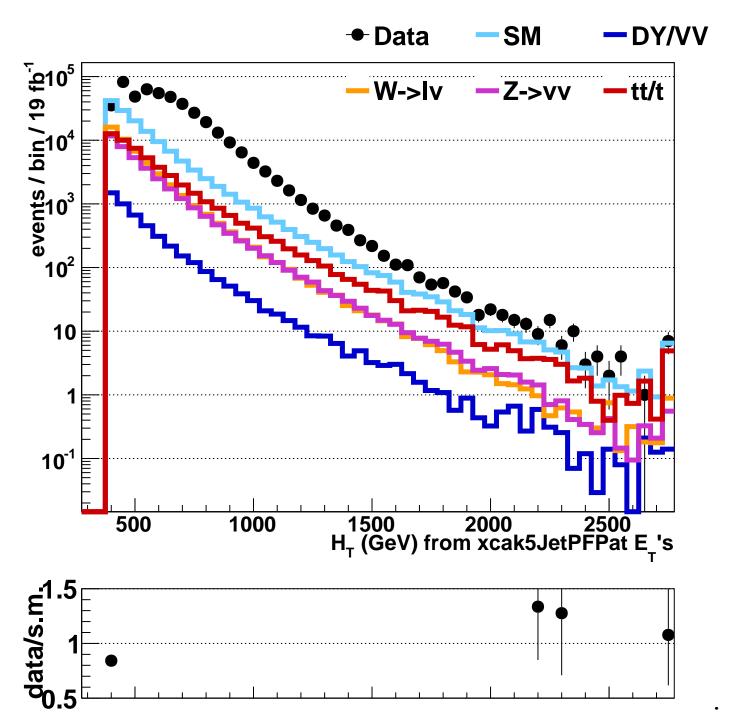
8.734(5)e+4

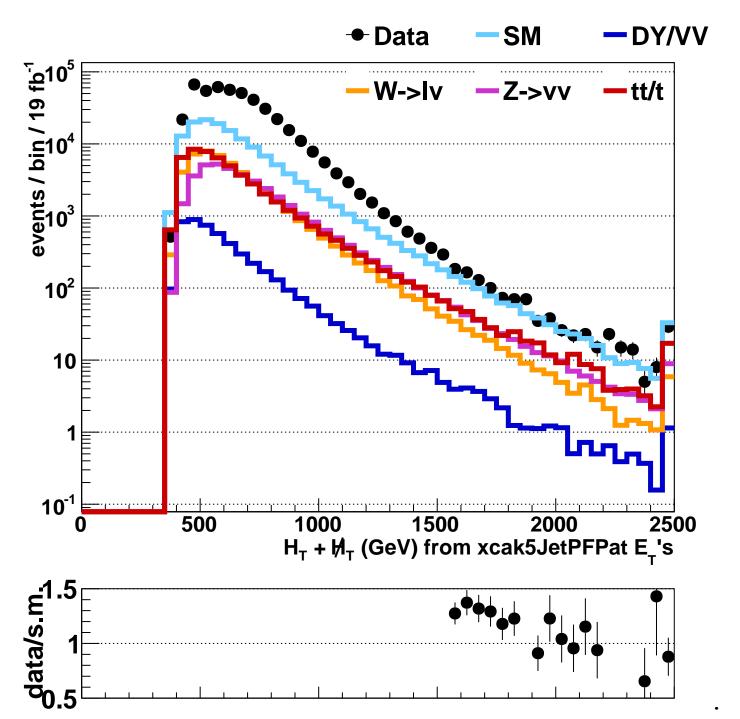
8.733(5)e+4

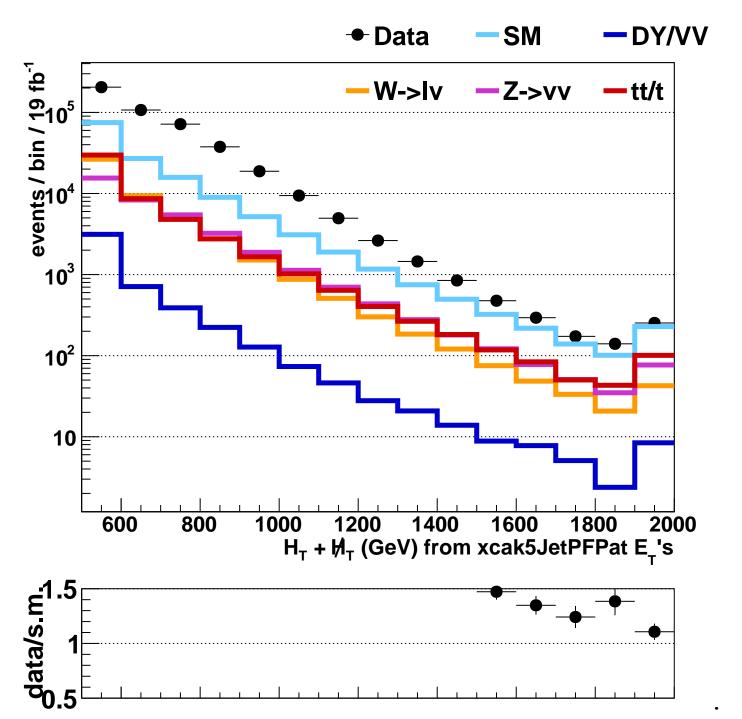
4.425(4)e+4

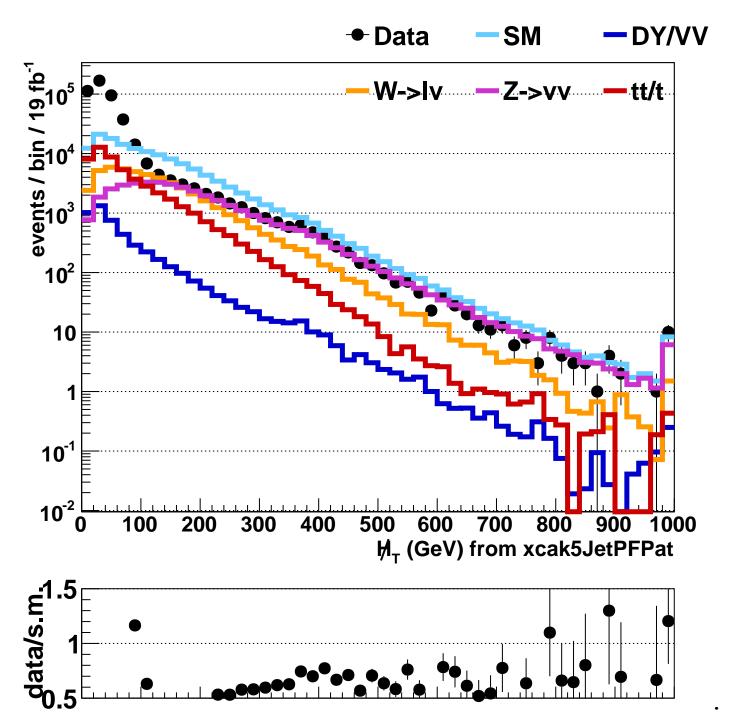


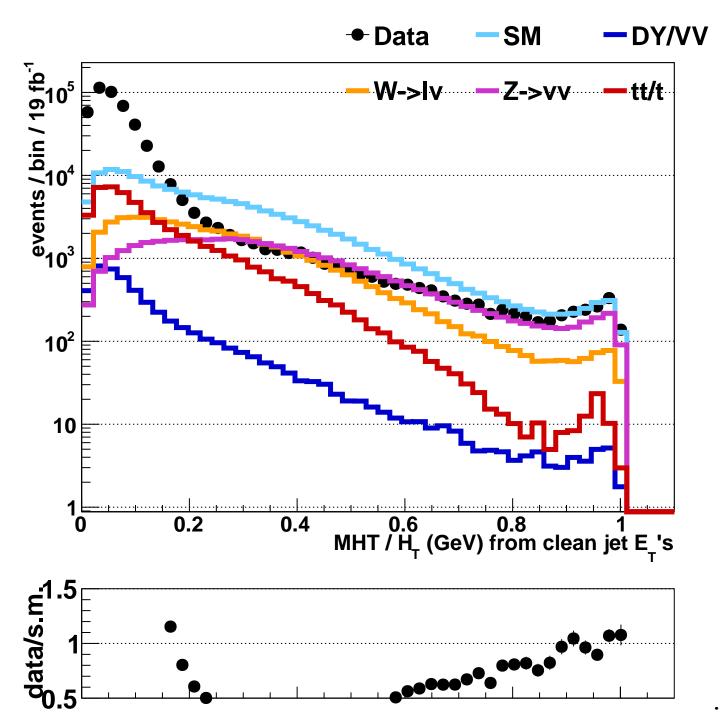
m: 139728065	m: n: o:	llFilter physicsDeclaredFilt HTxTriggerMap	er phys	ech_BPTX_plus_AND_r sicsDeclaredFilter TriggerMap		
### style	_	-	xcal	k5JetPFPat; pT[ind	ex[0]]>=100.0 GeV	
<pre>t: uniquelyMatchedNonisoMuons</pre>	r:	_				7
<pre>u: multiplicity</pre>					EtPat	
<pre>v: multiplicity w: multiplicity v: multip</pre>	t:	uniquelyMatchedNoni	isoMuons xcal	k5JetPFPat		
<pre>w: multiplicity x: multiplicity y: multiplicity</pre>						:= 0
x: multiplicity y: multiplicity 0 <= photonIndicesPF <= 0 0 <= photonIndicesPat <= 0 z: multiplicity 0 <= muonIndicesUnmatchedPF <= 0 B: multiplicity 0 <= photonIndicesUnmatchedPF <= 0 B: multiplicity 0 <= photonIndicesUnmatchedPat <= 0 C: deadEcalFilter value Data SM DY/VV W->lv Z->vv m: 139728065 10701040 10701040 p: 10479362 4.664(2)e+7 4.328(3)e+6 3.100(2)e+7 6.113(1)e+6 q: 10313235 1.0522(5)e+7 8.35(1)e+5 5.802(5)e+6 1.4714(6)e+6 r: 8744352 2.3977(9)e+6 1.716(2)e+5 9.628(7)e+5 2.281(1)e+5 s: 7450225 1.1536(5)e+6 6.828(7)e+4 3.506(3)e+5 8.863(6)e+4 t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 t: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.734(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 1.570(2)e+5 8.733(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.570(2)e+5 8.733(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.570(2)e+5 8.733(5)e+4 A: 6879619 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4						
<pre>y: multiplicity</pre>						
<pre>z: multiplicity</pre>						
A: multiplicity B: multiplicity C: deadEcalFilter D: value Data SM DY/VV W->lv Z->vv m: 139728065 n: 139600741 c: 10701040 p: 10479362 q: 10313235 q: 1.0522(5)e+7 q: 10313235 p: 7450225 p: 7450225 p: 7450225 p: 7450225 p: 745025 p: 745025 p: 7433356 q: 745025 p: 7433356 q: 745025 q: q: 745026 q: 7	y:	multiplicity	0 <=	= pnotoningicesPat	<= 0	
B: multiplicity C: deadEcalFilter Data Data SM DY/VV W->lv Z->vv m: 139728065 n: 139600741 n: 139600741 n: 10701040 p: 10479362 q: 10313235 1.0522(5)e+7 q: 10313235 1.0522(5)e+7 1.136(1)e+6 q: 10313235 1.0522(5)e+6 1.716(2)e+5 1.745025 1.1536(5)e+6 1.716(2)e+5 1.745025 1.1536(5)e+6 1.716(2)e+7 1.746364 1.1516(5)e+6 1.716(2)e+7 1.746364 1.1516(5)e+6 1.716(2)e+7 1.746364 1.1516(5)e+6 1.716(2)e+7 1.746364 1.1516(5)e+6 1.716(2)e+5 1.7450(3)e+5 1.7450(25)e+6 1.746364 1.1516(5)e+6 1.741(6)e+6					•	
C: deadEcalFilter xcak5JetPFPat; dR>0.300 when deltaPhiStar<0.500 xcak5JetPFMhthighPtPatOvermetP4TypeIPF<=1.25 Data SM DY/VV W->lv Z->vv m: 139728065						
Data SM DY/VV W->lv Z->vv m: 139728065						U 10 E00
Data SM DY/VV W->lv Z->vv m: 139728065						
m: 139728065	۱۵.	varue	ACG	Coocci Princing in Cra	covermecraryperr	~-I.25
n: 139600741 -		Data	SM	DY/VV	W->lv	Z->vv
o: 10701040 - - - - - p: 10479362 4.664(2)e+7 4.328(3)e+6 3.100(2)e+7 6.113(1)e+6 q: 10313235 1.0522(5)e+7 8.35(1)e+5 5.802(5)e+6 1.4714(6)e+6 r: 8744352 2.3977(9)e+6 1.716(2)e+5 9.628(7)e+5 2.281(1)e+5 s: 7450225 1.1536(5)e+6 6.828(7)e+4 3.506(3)e+5 8.863(6)e+4 t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 u: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.570(2)e+5 8.734(5)e+4 B:	m:	139728065	-	-	-	-
p: 10479362 4.664(2)e+7 4.328(3)e+6 3.100(2)e+7 6.113(1)e+6 9.10313235 1.0522(5)e+7 8.35(1)e+5 5.802(5)e+6 1.4714(6)e+6 1.716(2)e+5 9.628(7)e+5 2.281(1)e+5 9.628(7)e+5 2.281(1)e+5 9.628(7)e+5 2.281(1)e+5 9.628(7)e+5 2.281(1)e+5 9.628(7)e+4 3.506(3)e+5 8.863(6)e+4 4.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 4.1516(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 4.1126(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 4.1126(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 4.1126(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 4.813(3)e+5 8.731(5)e+4 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 4.895(6)e+4 2.473(2)e+5 8.735(5)e+4 4.895(6)e+4 3.433(6)e+4	n:	139600741	_	_	_	-
q: 10313235 1.0522(5)e+7 8.35(1)e+5 5.802(5)e+6 1.4714(6)e+6 r: 8744352 2.3977(9)e+6 1.716(2)e+5 9.628(7)e+5 2.281(1)e+5 s: 7450225 1.1536(5)e+6 6.828(7)e+4 3.506(3)e+5 8.863(6)e+4 t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.571(2)e+5 8.734(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.570(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	0:	10701040	-	-	-	-
q: 10313235 1.0522(5)e+7 8.35(1)e+5 5.802(5)e+6 1.4714(6)e+6 r: 8744352 2.3977(9)e+6 1.716(2)e+5 9.628(7)e+5 2.281(1)e+5 s: 7450225 1.1536(5)e+6 6.828(7)e+4 3.506(3)e+5 8.863(6)e+4 t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 u: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.571(2)e+5 8.734(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.570(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	p:	10479362	4.664(2)e+7	4.328(3)e+6	3.100(2)e+7	6.113(1)e+6
s: 7450225 1.1536(5)e+6 6.828(7)e+4 3.506(3)e+5 8.863(6)e+4 t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 u: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	_	10313235				1.4714(6)e+6
t: 7446364 1.1516(5)e+6 6.818(7)e+4 3.503(3)e+5 8.862(6)e+4 u: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	r:	8744352		1.716(2)e+5	9.628(7)e+5	2.281(1)e+5
u: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	s:	7450225		6.828(7)e+4		8.863(6)e+4
v: 7433356 1.1426(5)e+6 6.751(7)e+4 3.477(3)e+5 8.859(6)e+4 w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	t:	7446364	1.1516(5)e+6	6.818(7)e+4	3.503(3)e+5	8.862(6)e+4
w: 6960603 1.1139(5)e+6 6.586(7)e+4 3.413(3)e+5 8.741(5)e+4 x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	u:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4
x: 6936664 9.505(4)e+5 4.973(7)e+4 2.522(2)e+5 8.739(5)e+4 y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	v:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4
y: 6905535 9.427(4)e+5 4.895(6)e+4 2.473(2)e+5 8.736(5)e+4 z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	w:	6960603	1.1139(5)e+6	6.586(7)e+4	3.413(3)e+5	8.741(5)e+4
z: 6880817 7.843(4)e+5 3.433(6)e+4 1.572(2)e+5 8.735(5)e+4 A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	x:	6936664	9.505(4)e+5	4.973(7)e+4	2.522(2)e+5	8.739(5)e+4
A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	A:	6905535	9.427(4)e+5	4.895(6)e+4	2.473(2)e+5	8.736(5)e+4
A: 6879619 7.838(4)e+5 3.430(6)e+4 1.571(2)e+5 8.734(5)e+4 B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4	z:	6880817	7.843(4)e+5	3.433(6)e+4	1.572(2)e+5	8.735(5)e+4
B: 6879103 7.837(4)e+5 3.429(6)e+4 1.570(2)e+5 8.733(5)e+4			* *			8.734(5)e+4
	B:	6879103		3.429(6)e+4		8.733(5)e+4
C: 1312306 2.351(2)e+5 9.29(3)e+3 6.33(1)e+4 4.425(4)e+4	C:	1312306	2.351(2)e+5	9.29(3)e+3	6.33(1)e+4	4.425(4)e+4
D: 460848 1.404(1)e+5 4.80(2)e+3 4.752(9)e+4 3.748(4)e+4	D:	460848	1.404(1)e+5	4.80(2)e+3	4.752(9)e+4	3.748(4)e+4

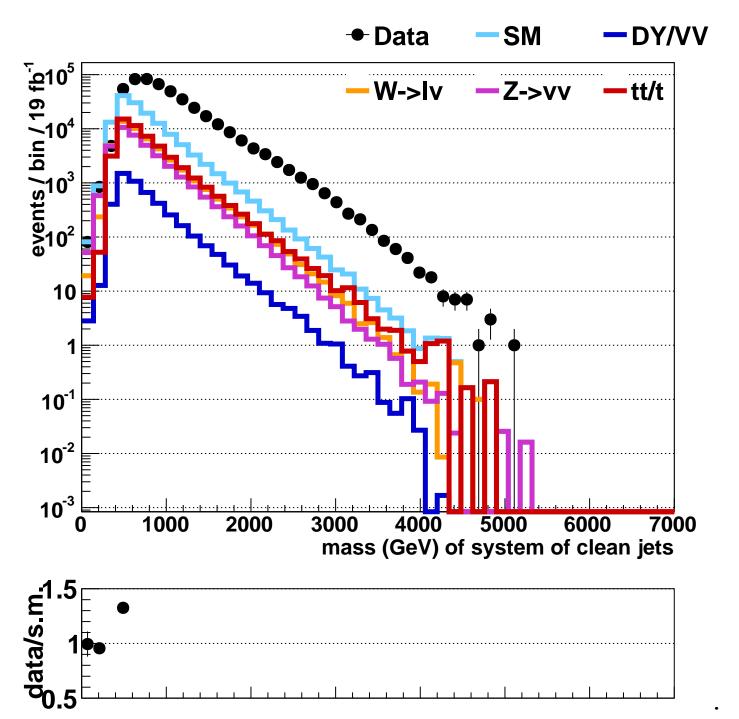


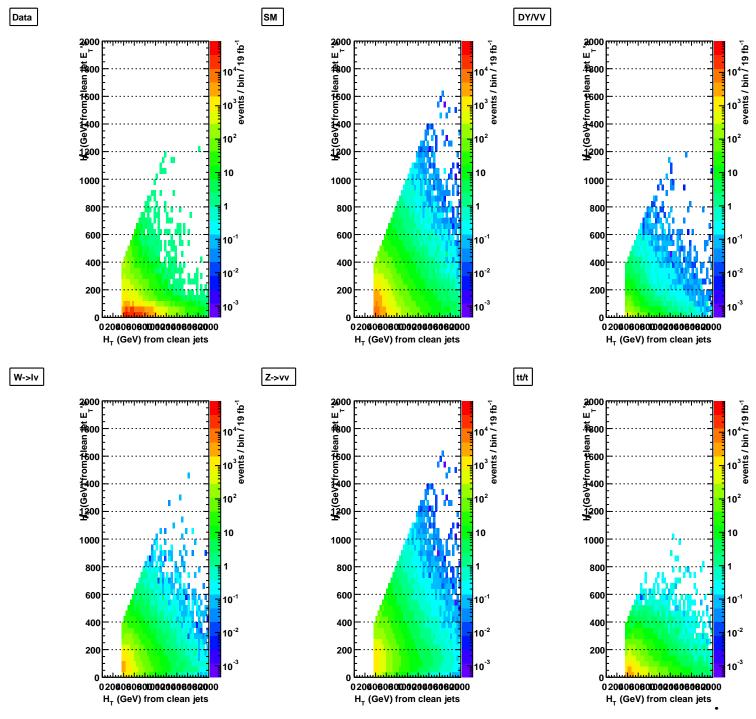


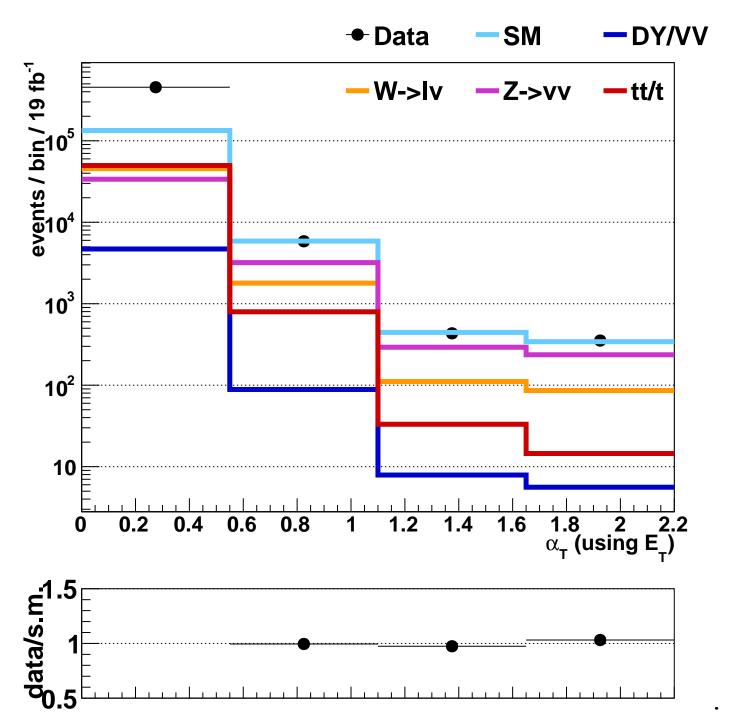


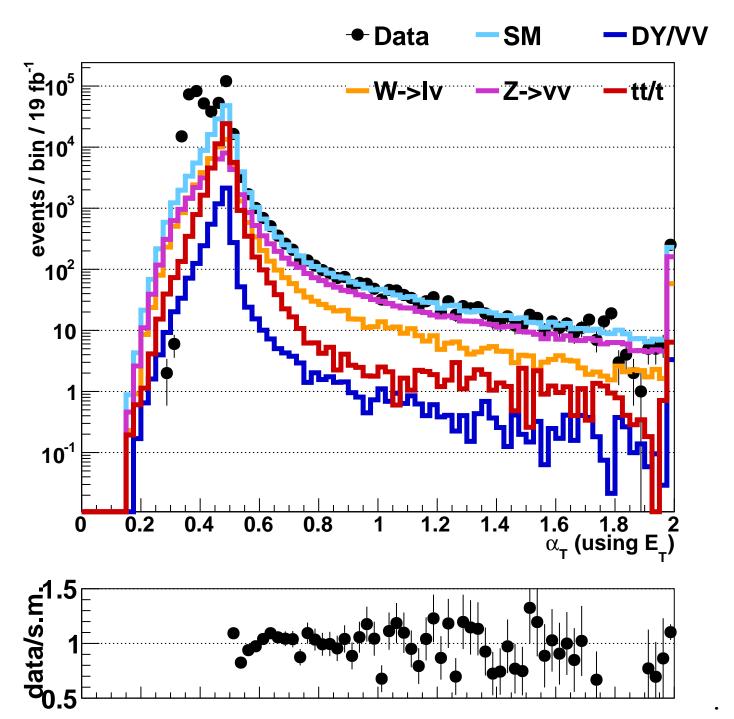


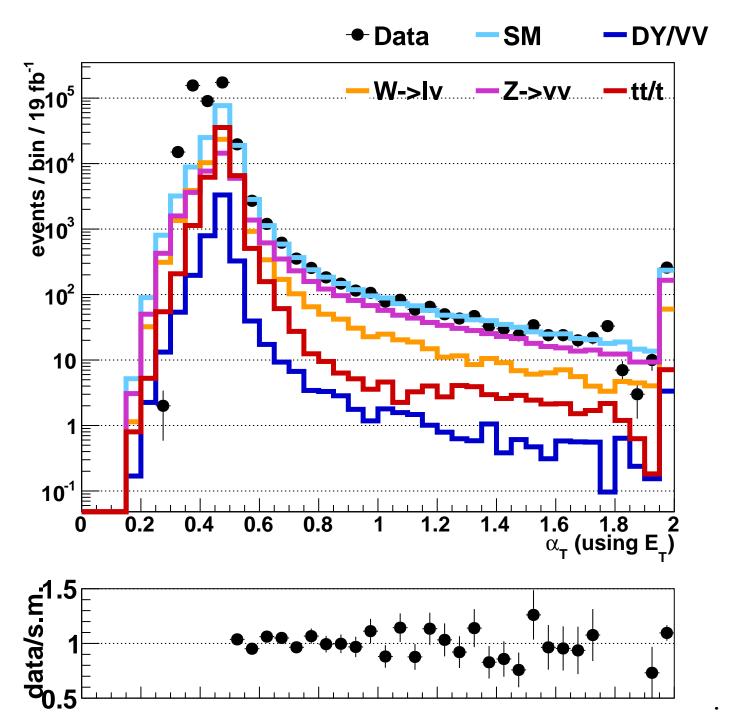


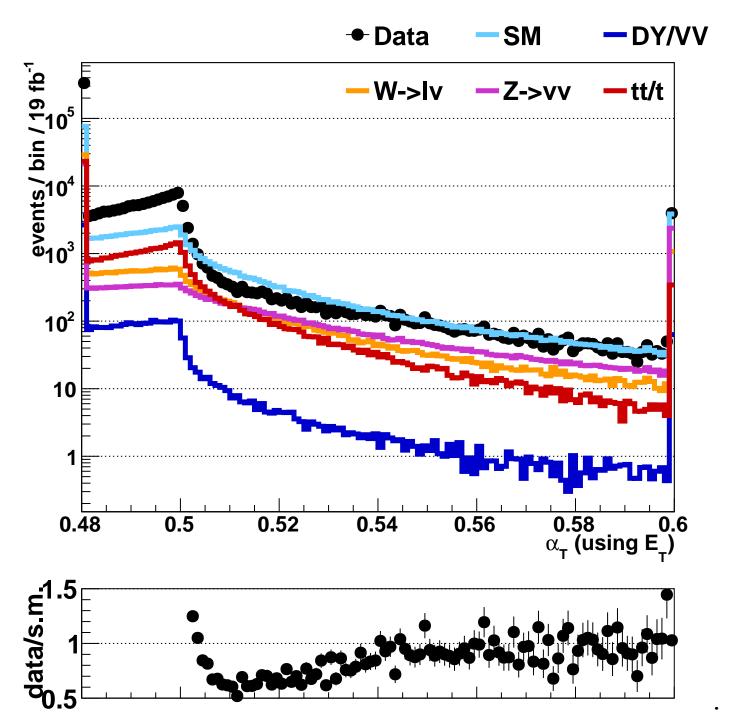


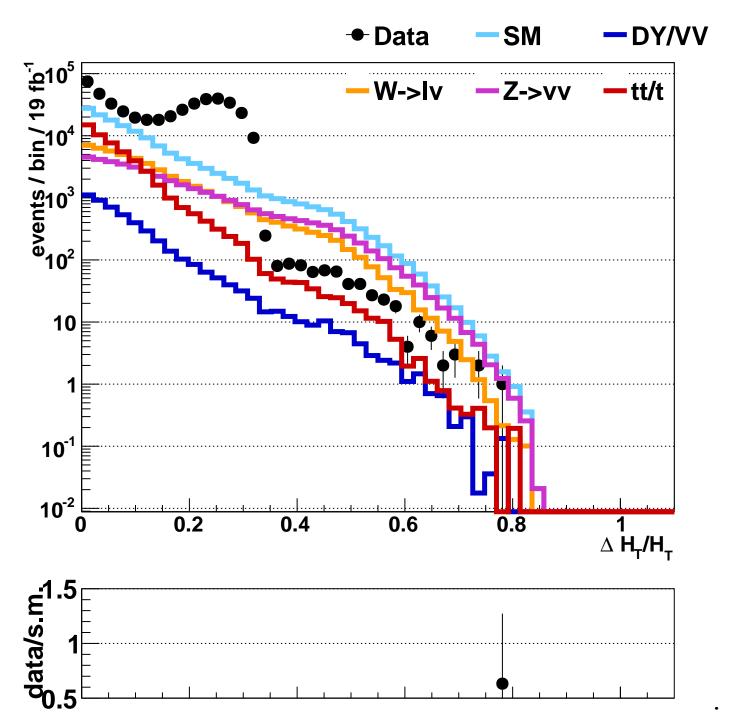


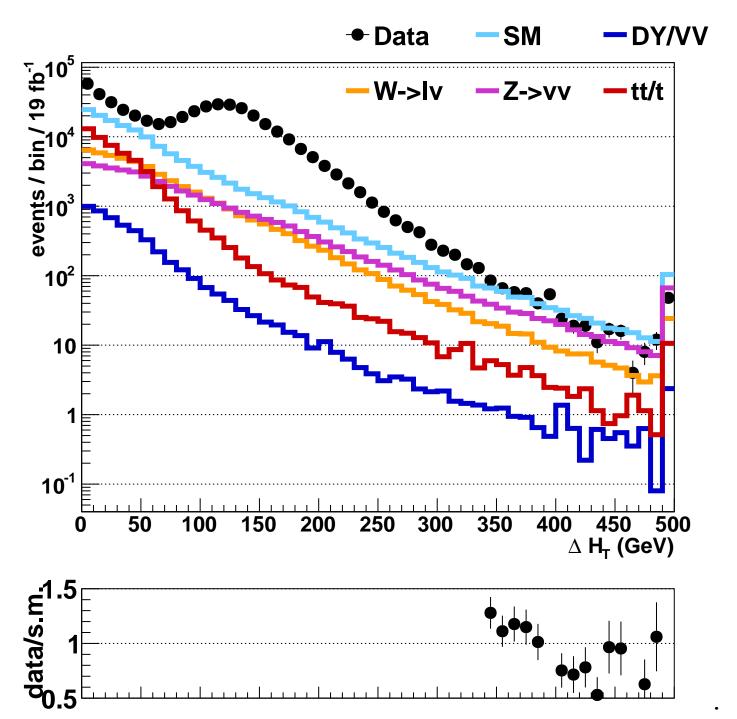


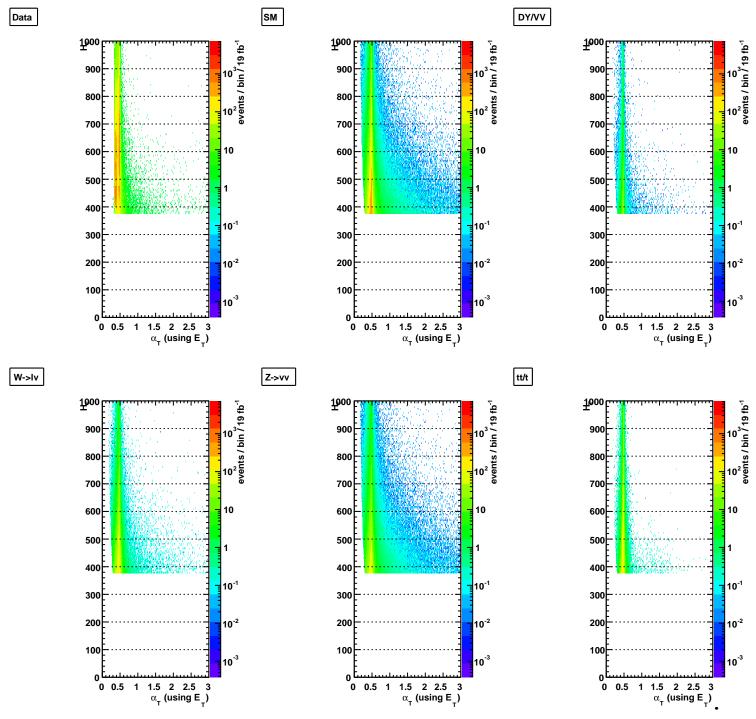


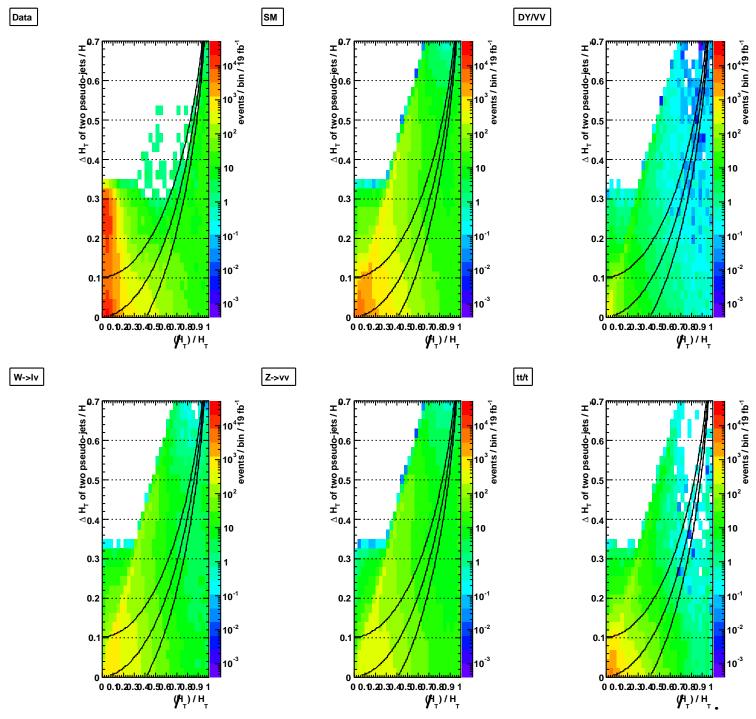


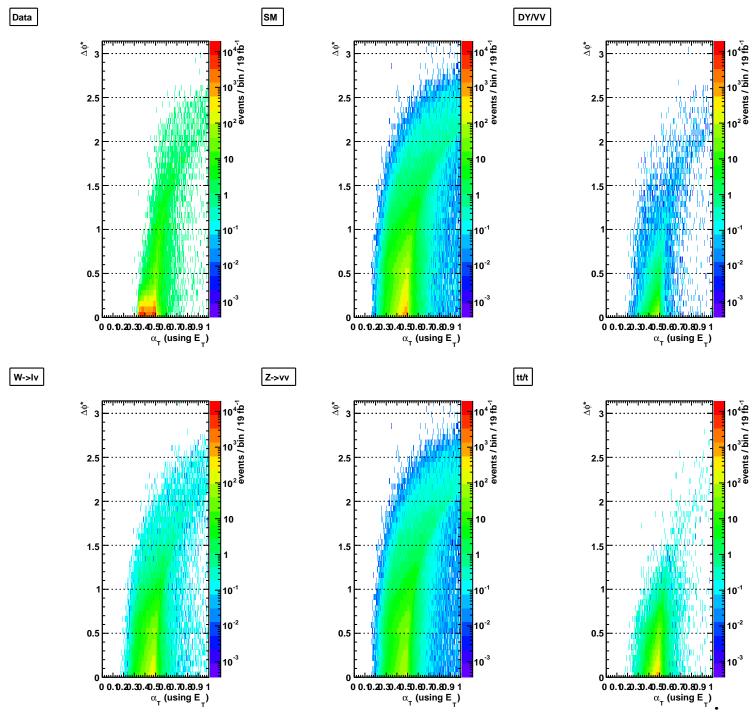


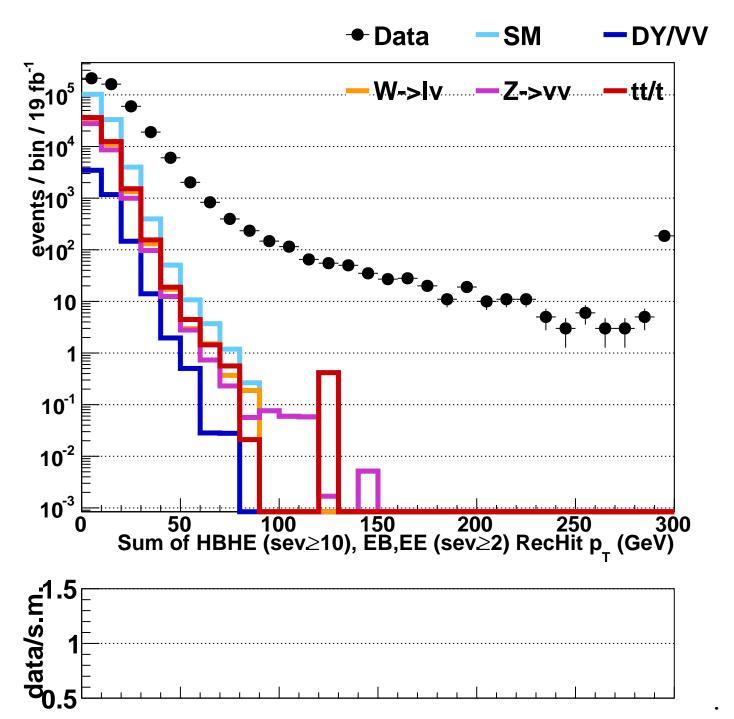




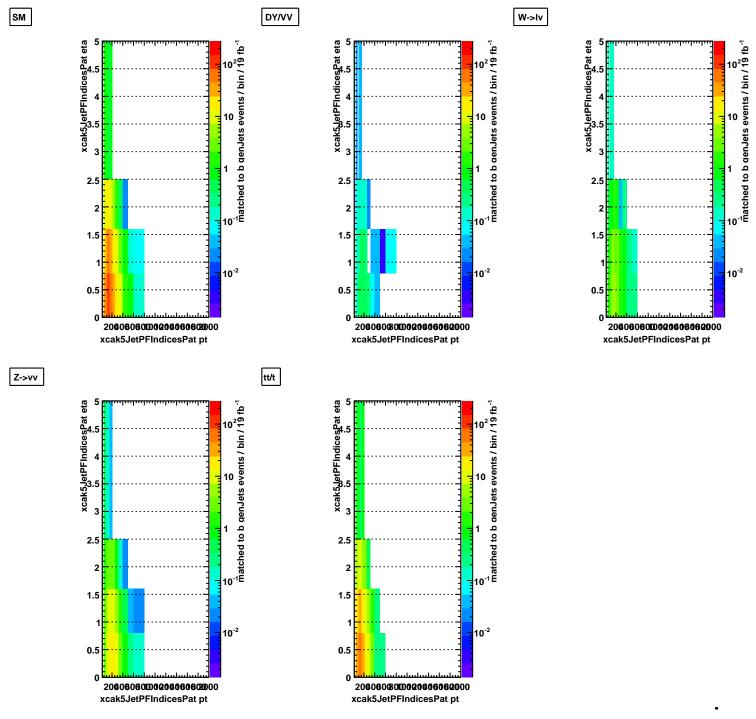


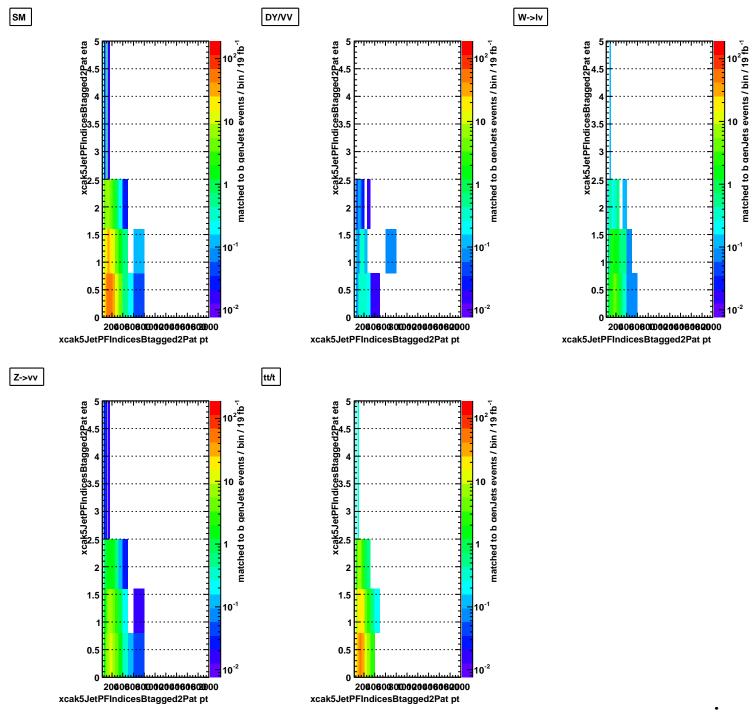


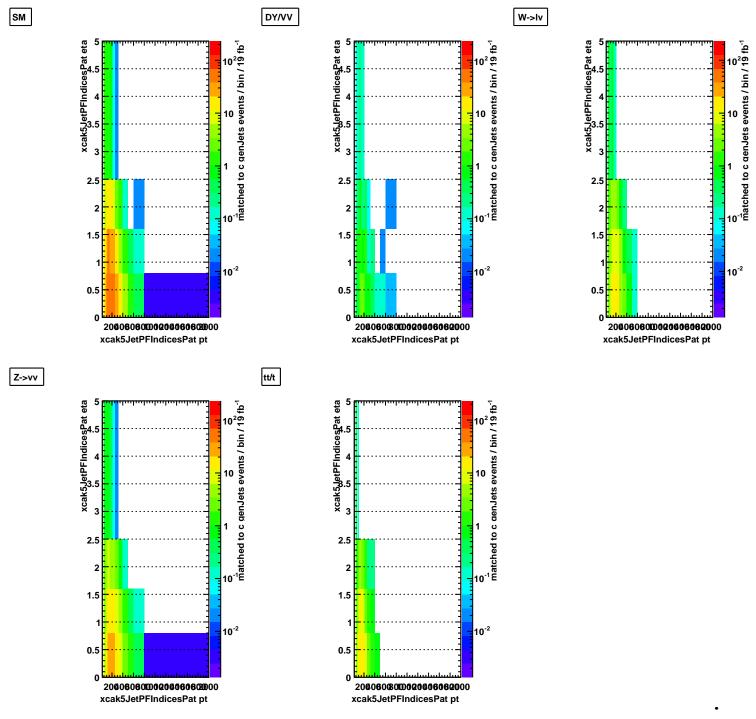


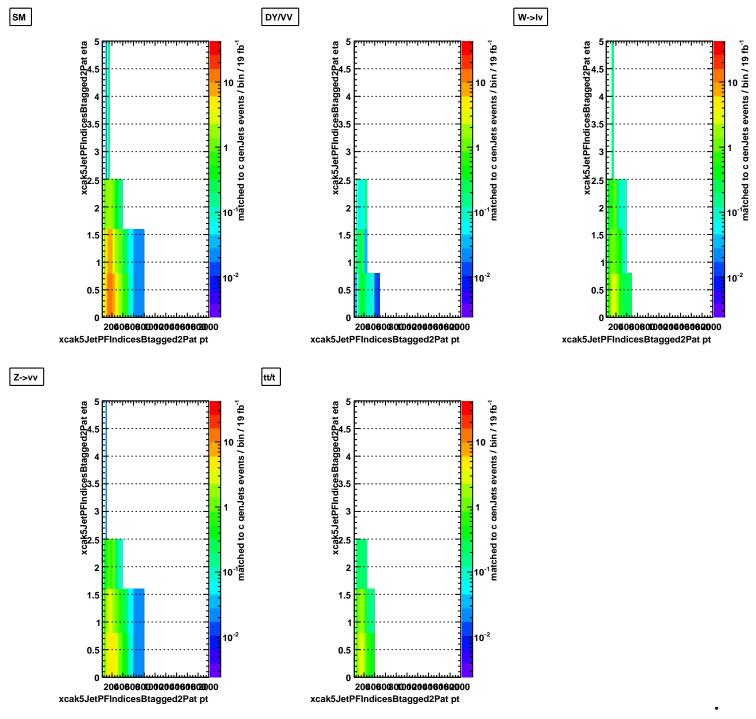


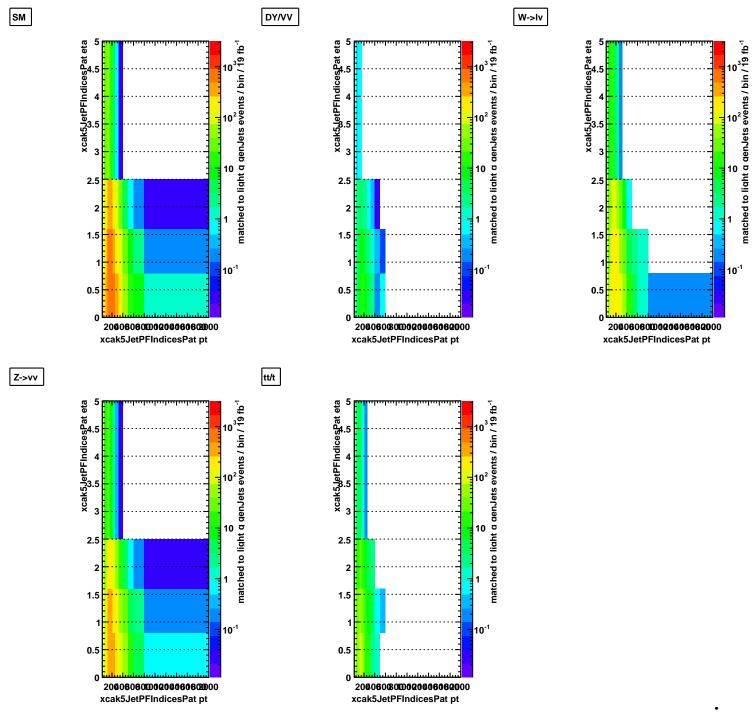
0:	HTxTriggerMap	HTx	TriggerMap			
p: q: r: s: t:	<pre>jetEtaSelector jetPtSelector jetPtSelector value uniquelyMatchedNonia</pre>	жса жса 375	k5JetPFPat; eta[i: k5JetPFPat; pT[ind k5JetPFPat; pT[ind .00<=xcak5JetPFSum k5JetPFPat	ex[0]]>=100.0 GeV ex[1]]>=100.0 GeV		
u: v: w: x: y:	multiplicity multiplicity multiplicity multiplicity multiplicity		<pre>0 <= xcak5JetPFIndicesWithOddMuonPat <= 0 2 <= xcak5JetPFIndicesPat 0 <= xcak5JetPFIndicesOtherPat <= 0 0 <= electronIndicesPF <= 0 0 <= photonIndicesPat <= 0</pre>			
A: B: C: D:	multiplicity multiplicity multiplicity deadEcalFilter value	0 < 0 < xca	<pre>= muonIndicesPF <= = electronIndicesU = photonIndicesUnm k5JetPFPat; dR>0.3 k5JetPFMhthighPtPa</pre>	nmatchedPF <= 0 atchedPat <= 0 00 when deltaPhis		
E: F:	value value		ecHitSumPt<=30.00 5<=xcak5JetPFAlpha	TEtPat		
	Data	SM	DY/VV	W->1v	z->vv	
0:	10701040	-	-	-	-	
p: q: r: s: t:	10479362 10313235 8744352 7450225 7446364	4.664(2)e+7 1.0522(5)e+7 2.3977(9)e+6 1.1536(5)e+6 1.1516(5)e+6	4.328(3)e+6 8.35(1)e+5 1.716(2)e+5 6.828(7)e+4 6.818(7)e+4	3.100(2)e+7 5.802(5)e+6 9.628(7)e+5 3.506(3)e+5 3.503(3)e+5	6.113(1)e+6 1.4714(6)e+6 2.281(1)e+5 8.863(6)e+4 8.862(6)e+4	
u: v: w: x: y:	7433356 7433356 6960603 6936664 6905535	1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5	6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4	3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5	8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4	
Z: A: B: C: D:	6880817 6879619 6879103 1312306 460848	7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5	3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3	1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4	8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4	
E: F:	431473 6313	1.399(1)e+5 6.64(2)e+3	4.78(2)e+3 102(3)	4.737(9)e+4 1.98(2)e+3	3.737(4)e+4 3.71(1)e+3	
	events / 19 fb^{-1}				•	

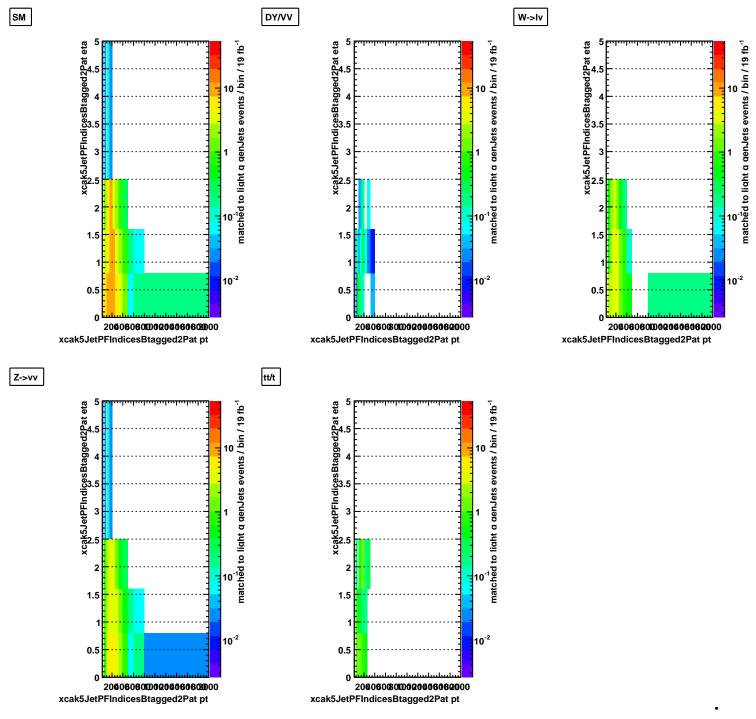


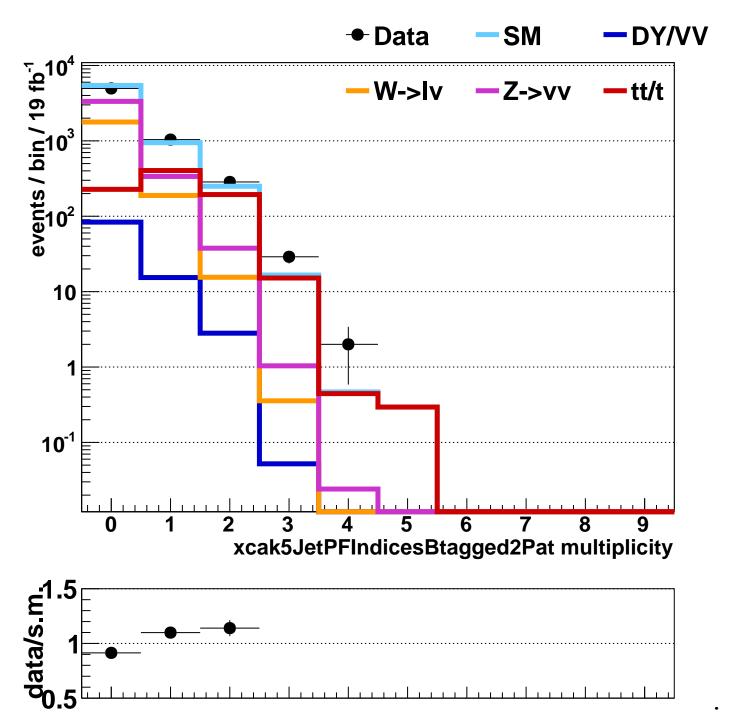




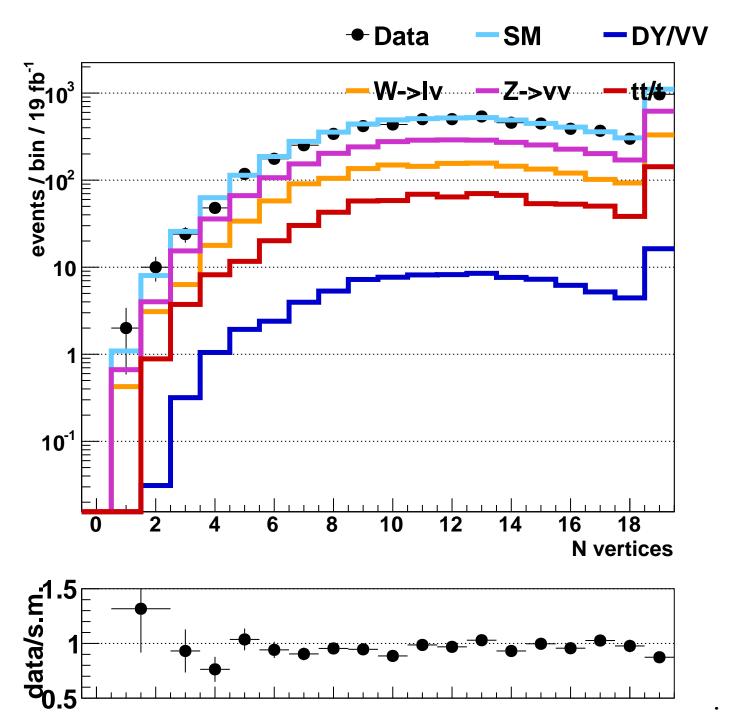


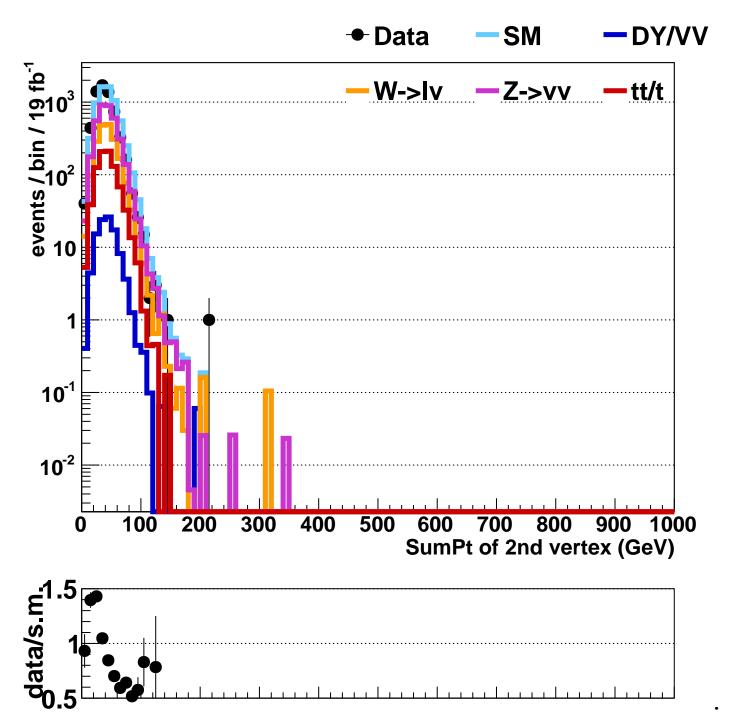


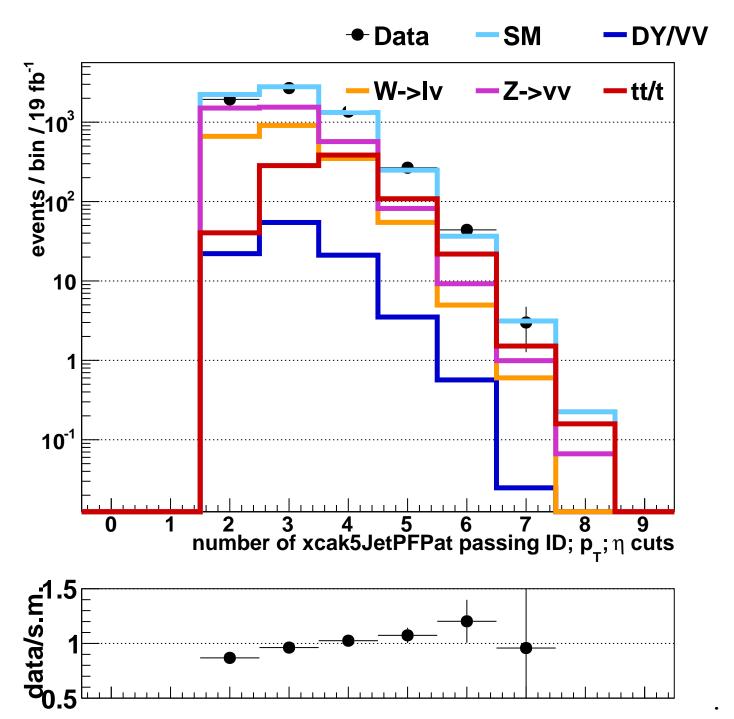


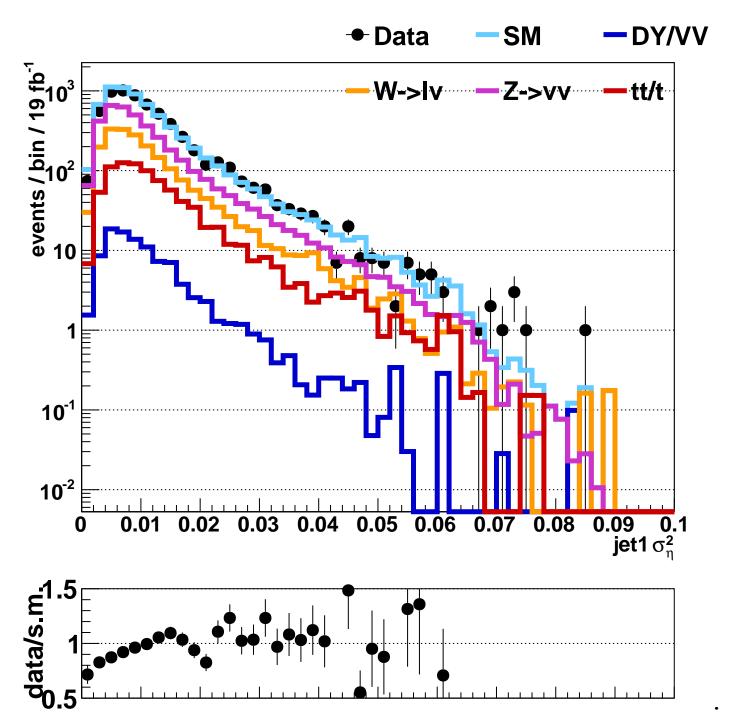


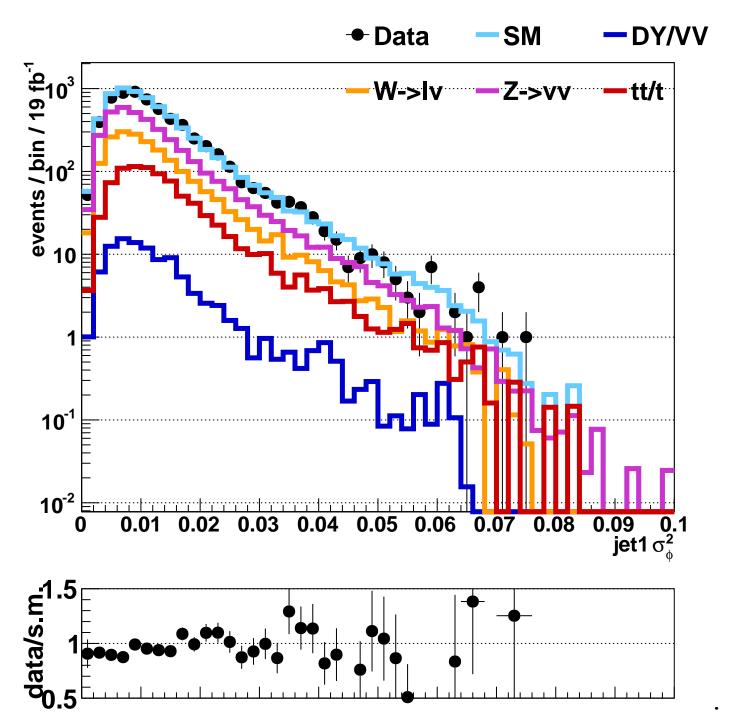
	jetPtSelector	xcak	5JetPFPat; pT[ind	lex[0] >=100.0 GeV	7		
r:	jetPtSelector	xcak	5JetPFPat; pT[ind	lex[1] >=100.0 GeV	7		
s:	value		375.00<=xcak5JetPFSumEtPat				
t:	uniquelyMatchedNonisoMuons		xcak5JetPFPat				
u:	multiplicity	0 <=	xcak5JetPFIndice	sWithOddMuonPat <	<= 0		
v:	multiplicity	2 <=	xcak5JetPFIndice	sPat			
w:	multiplicity	0 <=	xcak5JetPFIndice	sOtherPat <= 0			
x:	multiplicity	0 <=	electronIndicesP	F <= 0			
у:			photonIndicesPat				
_			-				
z:	multiplicity	0 <=	<pre>muonIndicesPF <=</pre>	: 0			
A:	multiplicity	0 <=	electronIndicesU	nmatchedPF <= 0			
B:	multiplicity	0 <=	photonIndicesUnm	atchedPat <= 0			
C:	deadEcalFilter		5JetPFPat; dR>0.3		Star<0.500		
D:	value		5JetPFMhthighPtPa				
_ ,							
E:	value	PFRe	cHitSumPt<=30.00				
F:	value		<=xcak5JetPFAlpha	TEtPat			
∣G:	value		<=hcalLaserEvent2				
H:	value		<=ecalLaserCalibE				
1	varue	1.00	~=ccarlabercarrbi	VCIICZOIZ			
	Data	SM	DY/VV	W->lv	Z->vv		
q:	10313235	1.0522(5)e+7	8.35(1)e+5	5.802(5)e+6	1.4714(6)e+6		
r:	8744352		0.00(=/0.0				
		7.39//(9)e+b	1.716(2)e+5		` '		
s:		2.3977(9)e+6 1.1536(5)e+6	1.716(2)e+5 6.828(7)e+4	9.628(7)e+5	2.281(1)e+5		
s: +•	7450225	1.1536(5)e+6	6.828(7)e+4	9.628(7)e+5 3.506(3)e+5	2.281(1)e+5 8.863(6)e+4		
s: t:			* *	9.628(7)e+5	2.281(1)e+5		
t:	7450225 7446364	1.1536(5)e+6 1.1516(5)e+6	6.828(7)e+4 6.818(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4		
t: u:	7450225 7446364 7433356	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4		
t: u: v:	7450225 7446364 7433356 7433356	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4		
u: v: w:	7450225 7446364 7433356 7433356 6960603	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4		
u: v: w: x:	7450225 7446364 7433356 7433356 6960603 6936664	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4		
u: v: w:	7450225 7446364 7433356 7433356 6960603	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4		
u: v: w: x: y:	7450225 7446364 7433356 7433356 6960603 6936664 6905535	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4		
u: v: w: x: y:	7450225 7446364 7433356 7433356 6960603 6936664 6905535	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4		
u: v: w: x: y:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4		
t: u: v: w: x: y: z: A: B:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4		
t: u: v: w: x: y: z: A: B: C:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103 1312306	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4		
t: u: v: w: x: y: z: A: B:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5	6.828(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 6.586(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4		
t: u: v: w: x: y: Z: A: B: C: D:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103 1312306 460848	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5	6.828(7)e+4 6.818(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 4.973(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4		
t: u: v: w: x: y: Z: A: B: C: D:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103 1312306 460848	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5 1.399(1)e+5	6.828(7)e+4 6.818(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 4.973(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3 4.78(2)e+3	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4 4.737(9)e+4	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4		
t: u: v: w: x: y: Z: A: B: C: D:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103 1312306 460848 431473 6313	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5	6.828(7)e+4 6.818(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 4.973(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3 4.78(2)e+3 102(3)	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4		
t: u: v: w: x: y: Z: A: B: C: D:	7450225 7446364 7433356 7433356 6960603 6936664 6905535 6880817 6879619 6879103 1312306 460848	1.1536(5)e+6 1.1516(5)e+6 1.1426(5)e+6 1.1426(5)e+6 1.1139(5)e+6 9.505(4)e+5 9.427(4)e+5 7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5 1.399(1)e+5	6.828(7)e+4 6.818(7)e+4 6.818(7)e+4 6.751(7)e+4 6.751(7)e+4 4.973(7)e+4 4.973(7)e+4 4.895(6)e+4 3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3 4.78(2)e+3	9.628(7)e+5 3.506(3)e+5 3.503(3)e+5 3.477(3)e+5 3.477(3)e+5 3.413(3)e+5 2.522(2)e+5 2.473(2)e+5 1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4 4.737(9)e+4	2.281(1)e+5 8.863(6)e+4 8.862(6)e+4 8.859(6)e+4 8.859(6)e+4 8.741(5)e+4 8.739(5)e+4 8.736(5)e+4 8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4		

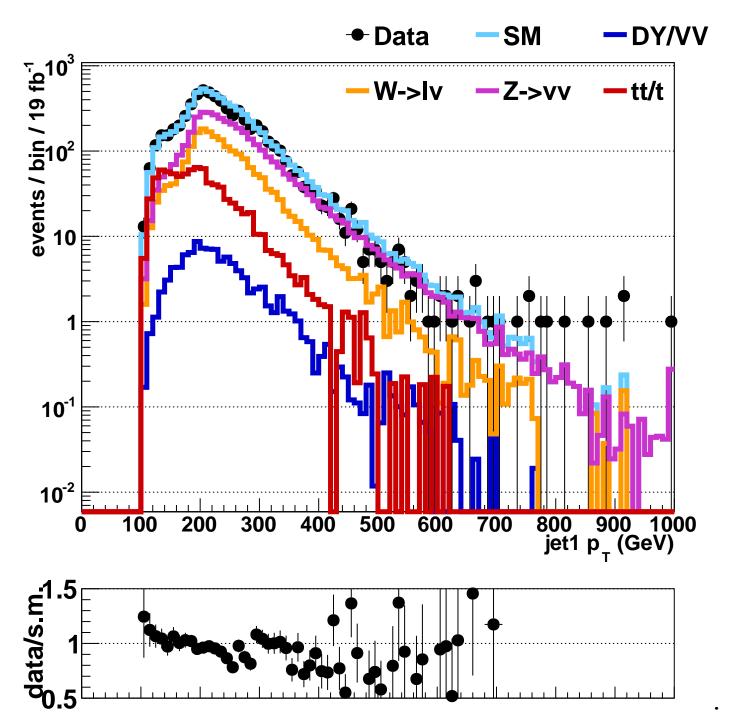


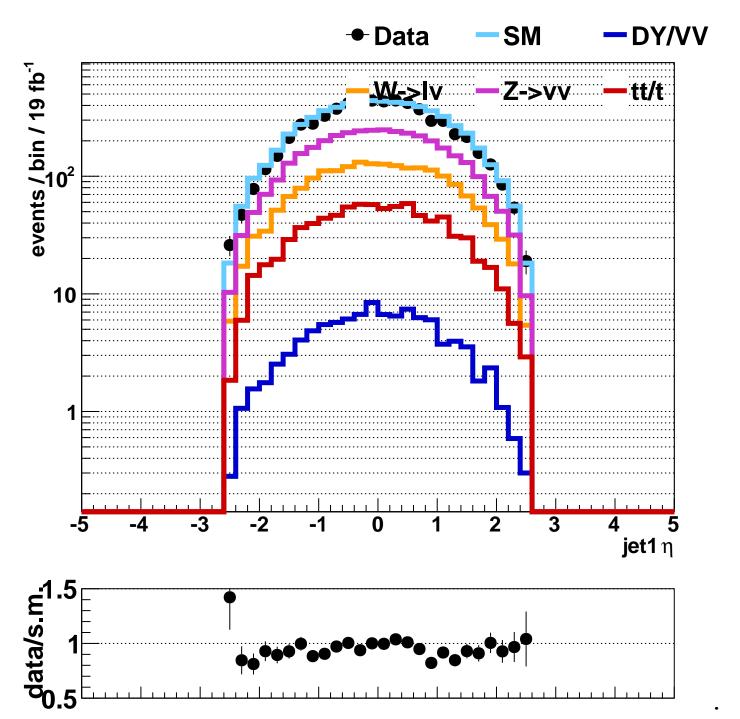


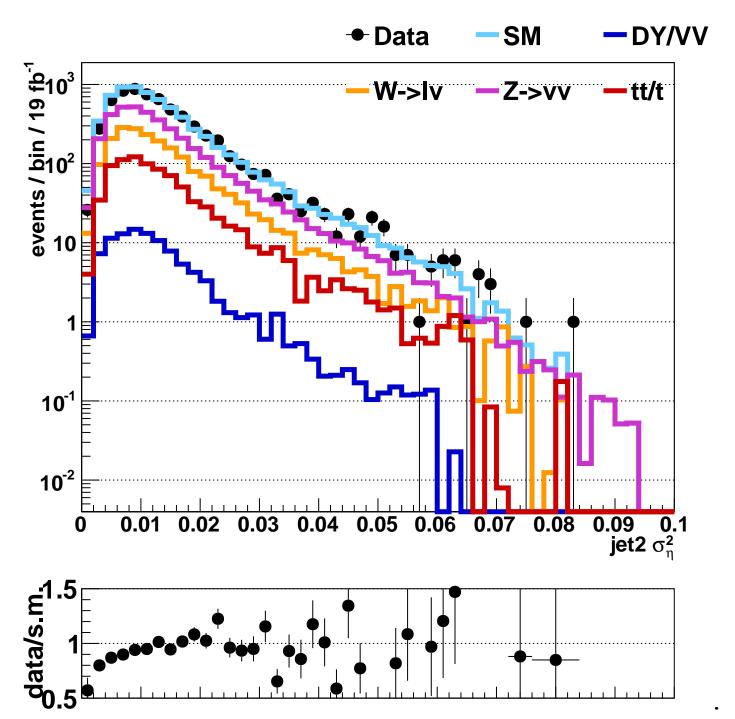


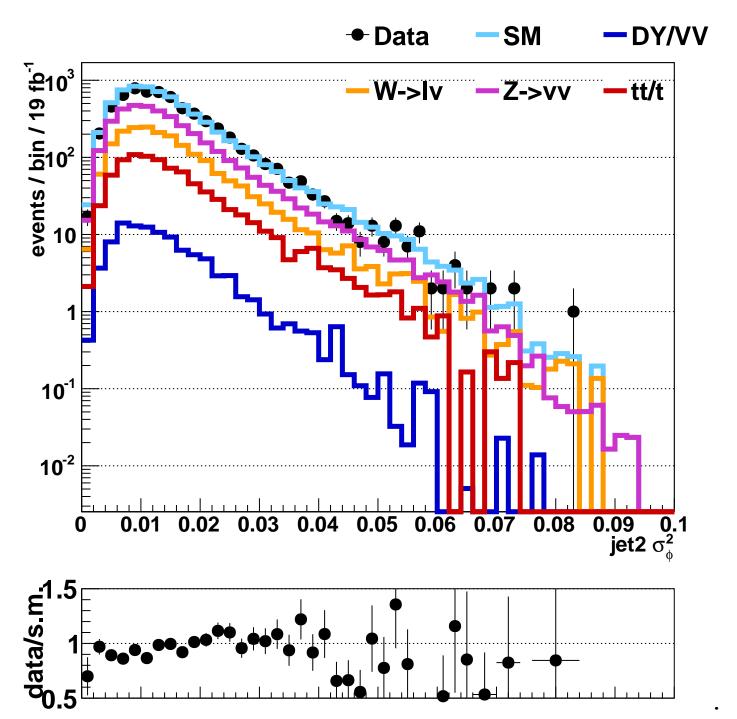


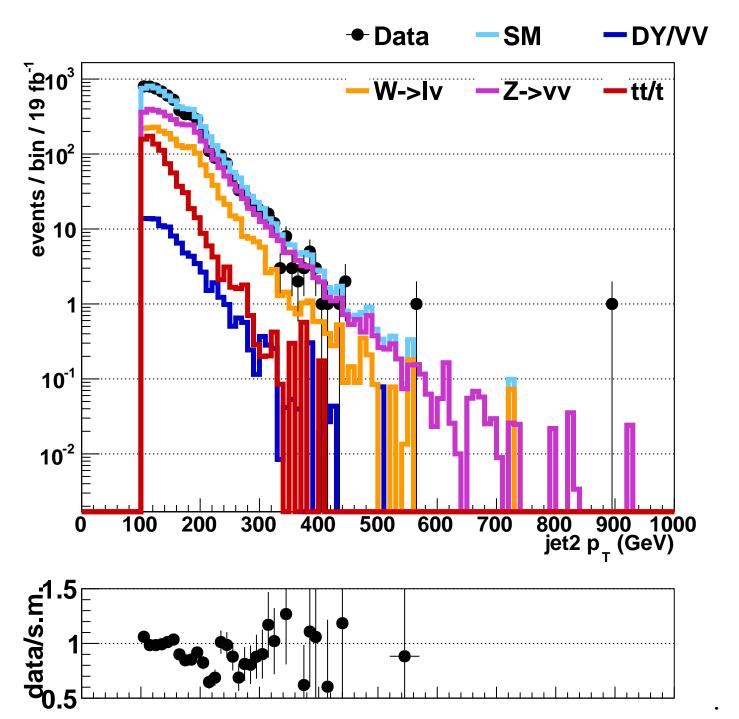


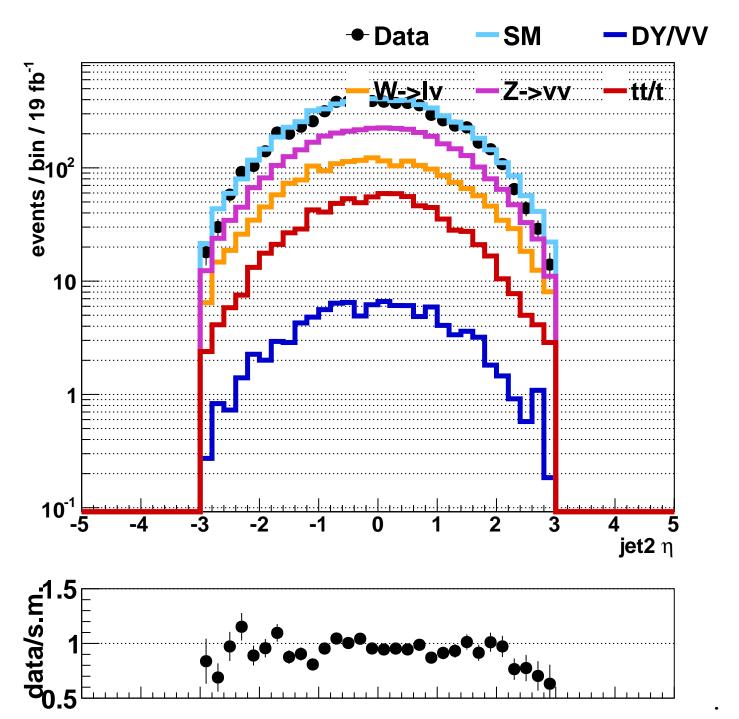


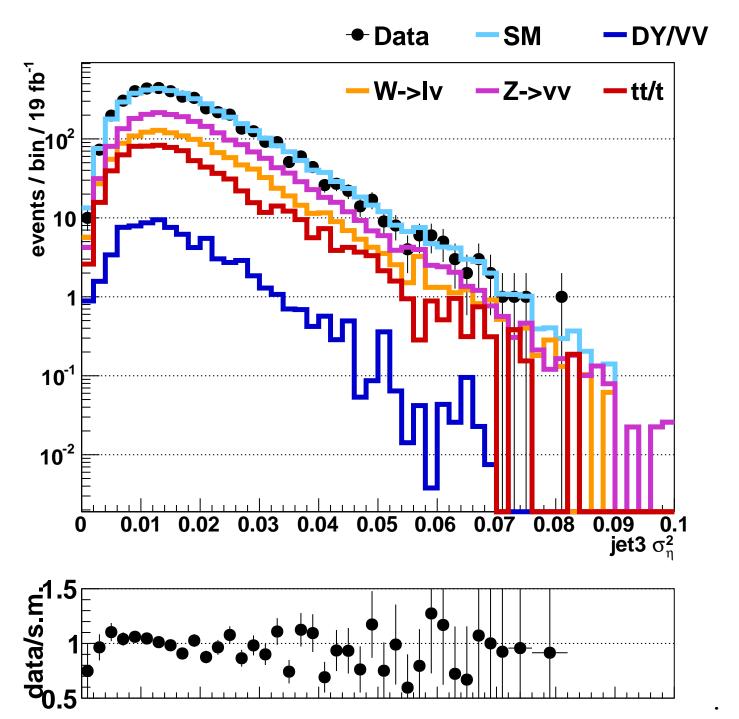


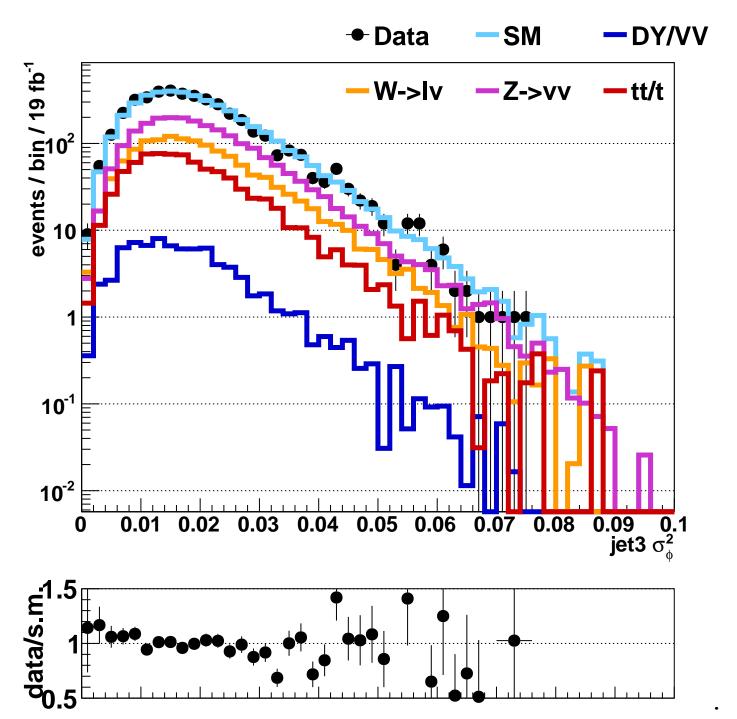


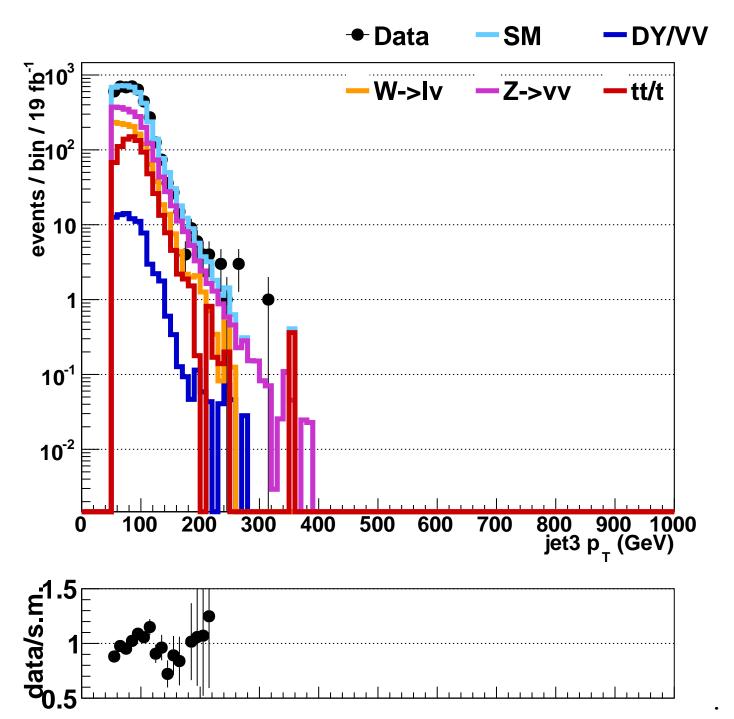


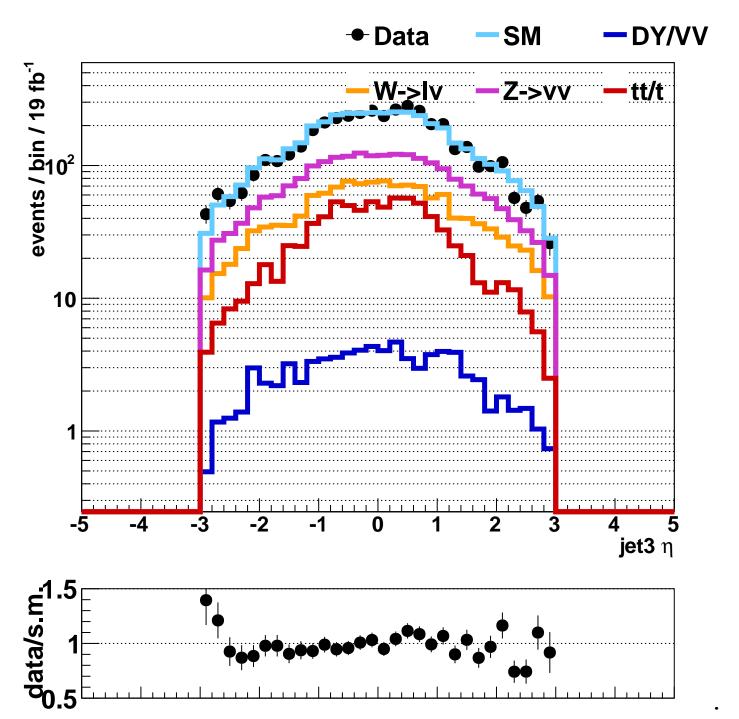


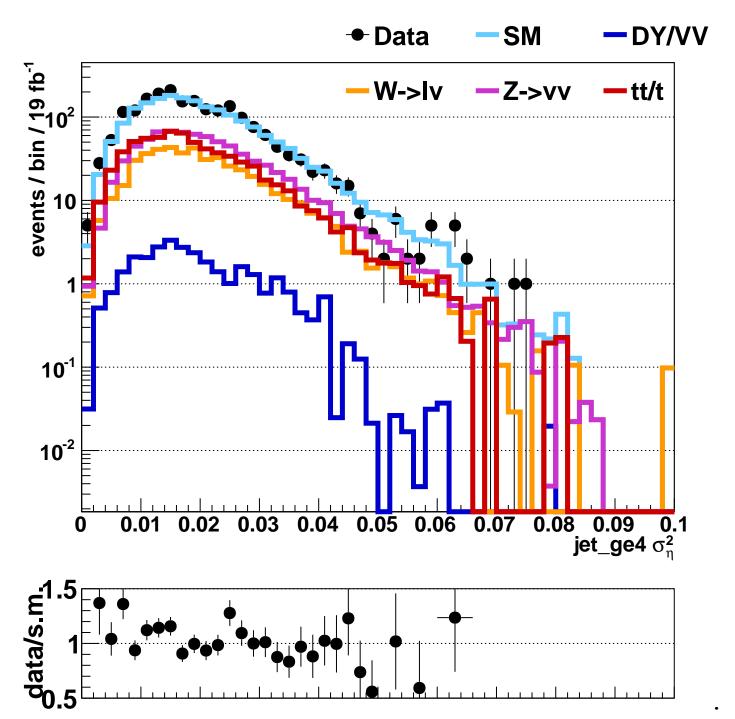


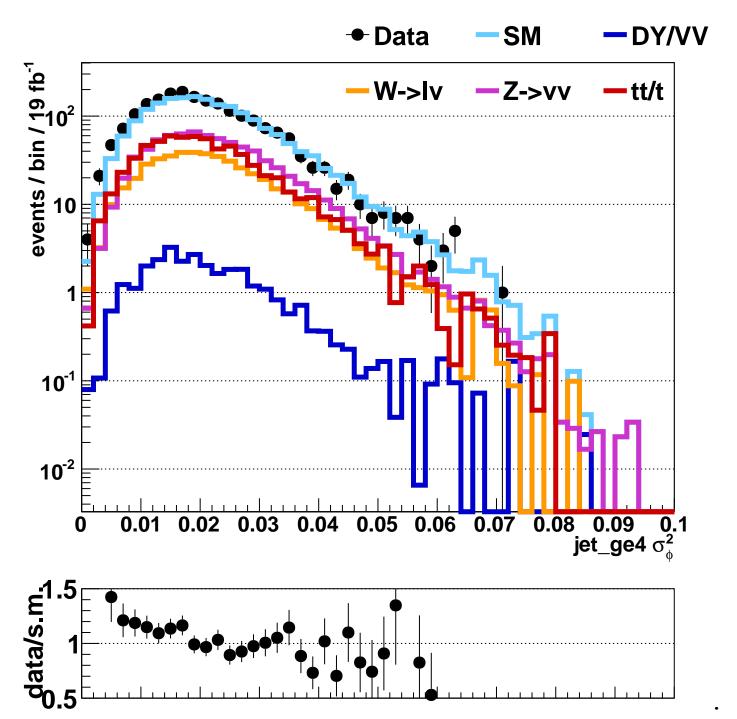


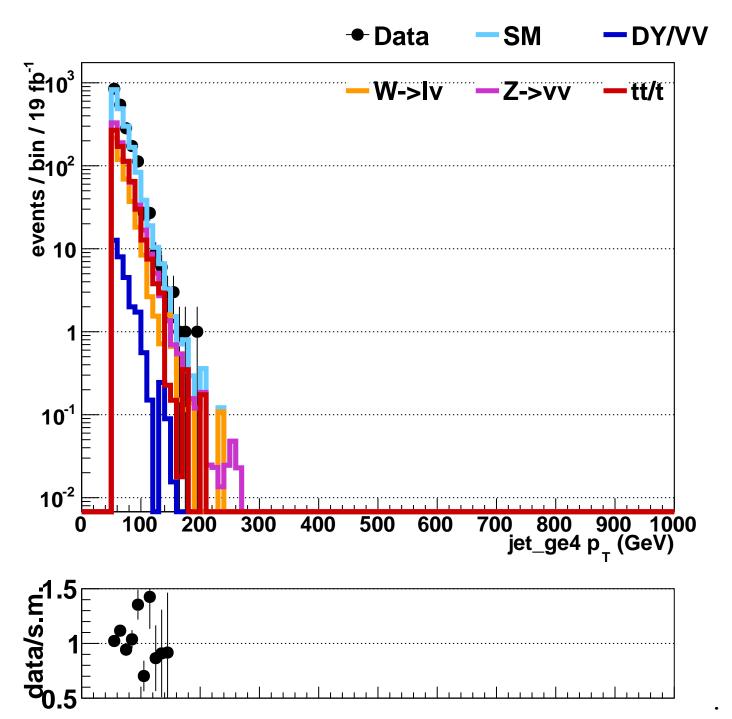


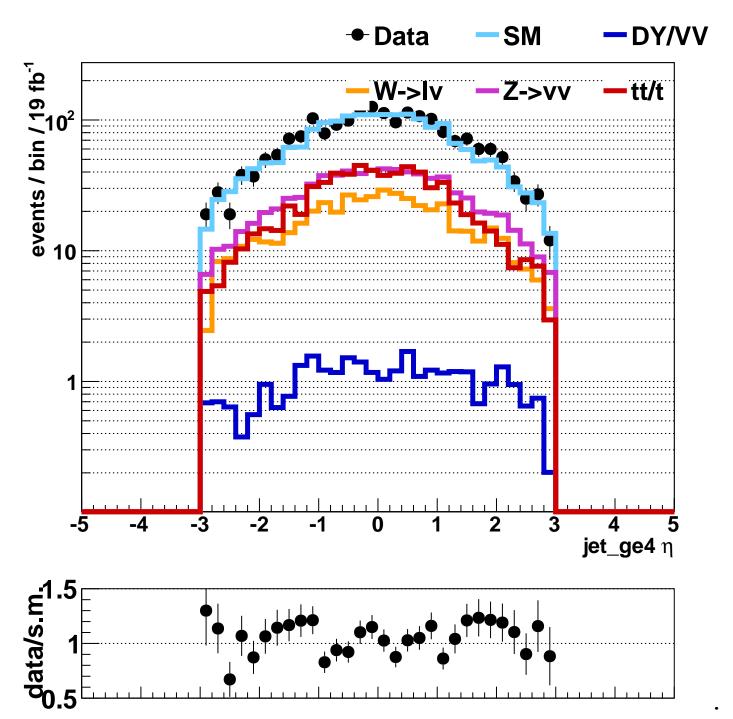


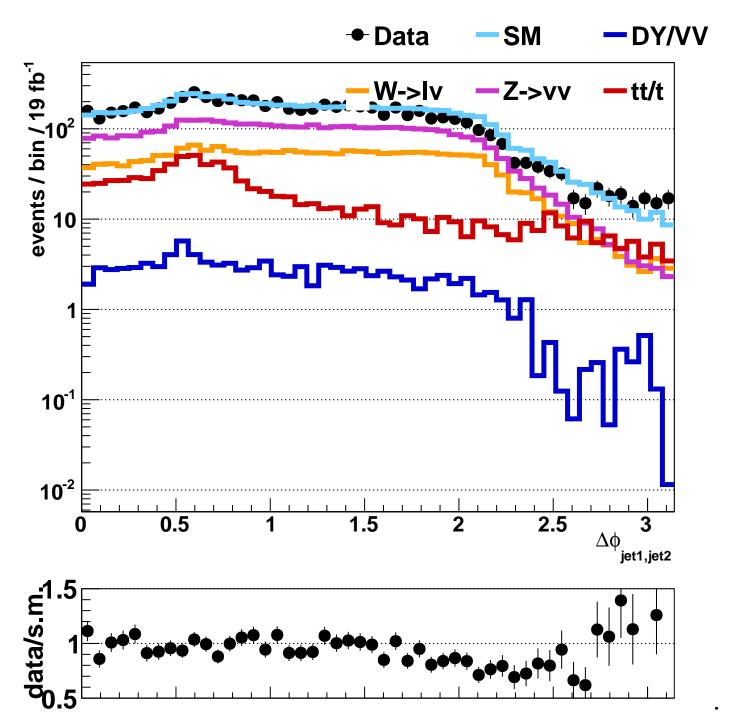


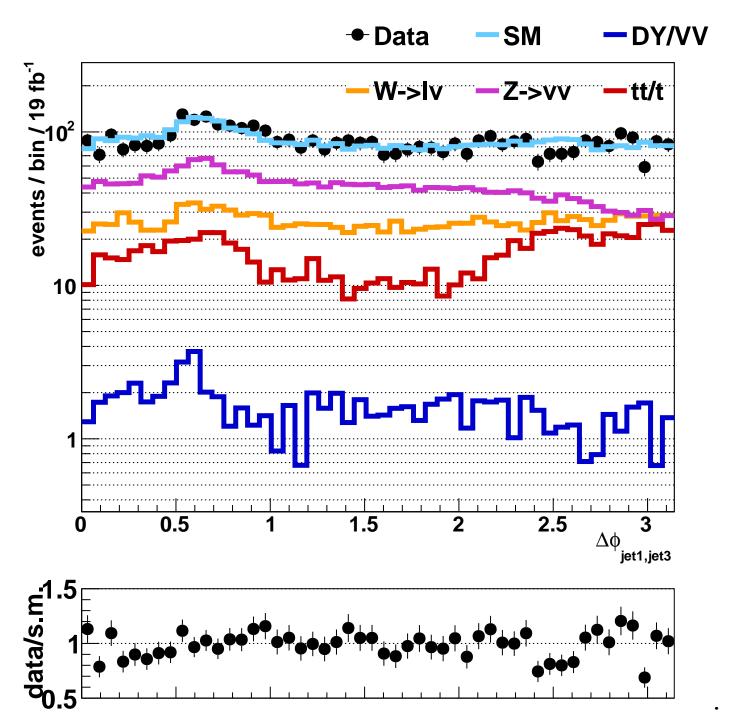


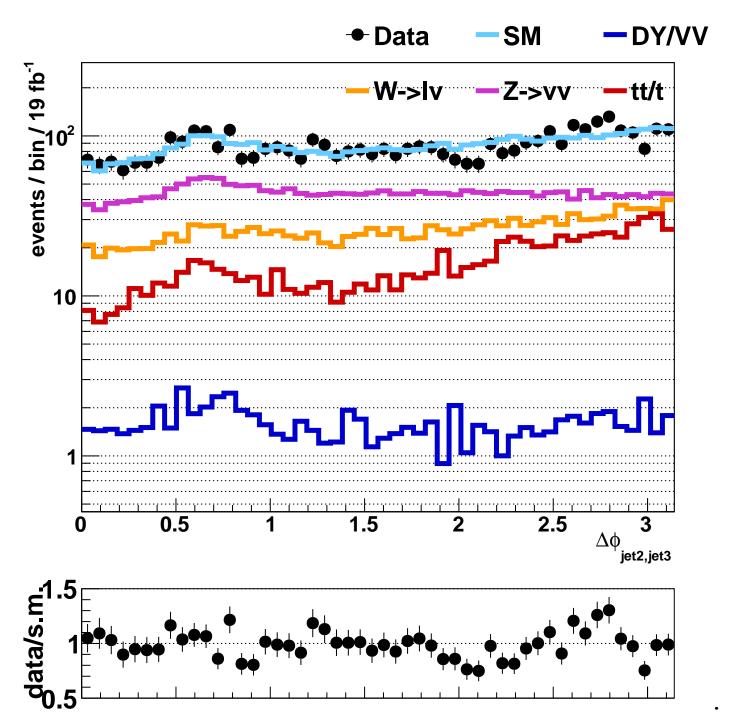












r: s: t:	jetPtSelector value uniquelyMatchedNon:	37	<pre>xcak5JetPFPat; pT[index[1]]>=100.0 GeV 375.00<=xcak5JetPFSumEtPat xcak5JetPFPat</pre>				
u:	multiplicity		0 <= xcak5JetPFIndicesWithOddMuonPat <= 0				
v:			2 <= xcak5JetPFIndicesPat				
w:	multiplicity	-	0 <= xcak5JetPFIndicesOtherPat <= 0				
x:	multiplicity	•	0 <= electronIndicesPF <= 0				
A:	multiplicity	0	<pre>0 <= photonIndicesPat <= 0</pre>				
z:	multiplicity	0	0 <= muonIndicesPF <= 0				
A:	multiplicity		<pre>0 <= electronIndicesUnmatchedPF <= 0</pre>				
B:	multiplicity		<pre>0 <= photonIndicesUnmatchedPat <= 0</pre>				
C:	${\tt deadEcalFilter}$	xc	xcak5JetPFPat; dR>0.300 when deltaPhiStar<0.500				
D:	value xcak5JetPFMhthighPtPatOvermetP4TypeIPF<=1.25						
E:	value PFRecHitSumPt<=30.00						
F:	value 0.55<=xcak5JetPFAlphaTEtPat						
G:	value 1.00<=hcalLaserEvent2012						
H: value 1.00<=ecalLaserCalibEvent2012							
[jet	SumPlots1]						
	Data	SM	DY/VV	W->lv	Z->vv		
			·				
r:	8744352	2.3977(9)e+6	1.716(2)e+5	9.628(7)e+5	2.281(1)e+5		
s:	7450225	1.1536(5)e+6	6.828(7)e+4	3.506(3)e+5	8.863(6)e+4		
t:	7446364	1.1516(5)e+6	6.818(7)e+4	3.503(3)e+5	8.862(6)e+4		
u:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4		
v:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4		
w:	6960603	1.1139(5)e+6	6.586(7)e+4	3.413(3)e+5	8.741(5)e+4		

	Data	SM	DY/VV	W->1v	z->vv	
r:	8744352	2.3977(9)e+6	1.716(2)e+5	9.628(7)e+5	2.281(1)e+5	
s:	7450225	1.1536(5)e+6	6.828(7)e+4	3.506(3)e+5	8.863(6)e+4	
t:	7446364	1.1516(5)e+6	6.818(7)e+4	3.503(3)e+5	8.862(6)e+4	
u:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4	
v:	7433356	1.1426(5)e+6	6.751(7)e+4	3.477(3)e+5	8.859(6)e+4	

C: 1312306 D: 460848 E: 431473 F: 6313 G: 6313

events / 19 fb^{-1}

[jetSumPlots1]

x:

у:

z:

A:

B:

6936664

6905535

6880817

6879619

6879103

6297

9.427(4)e+5 7.843(4)e+57.838(4)e+57.837(4)e+52.351(2)e+5 1.404(1)e+5

9.505(4)e+5

1.399(1)e+5

6.64(2)e+3

4.895(6)e+4

3.433(6)e+43.430(6)e+43.429(6)e+49.29(3)e+34.80(2)e+3

4.973(7)e+4

4.78(2)e+3

102(3)

4.752(9)e+4

1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4

4.737(9)e+4

1.98(2)e+3

2.522(2)e+5

2.473(2)e+5

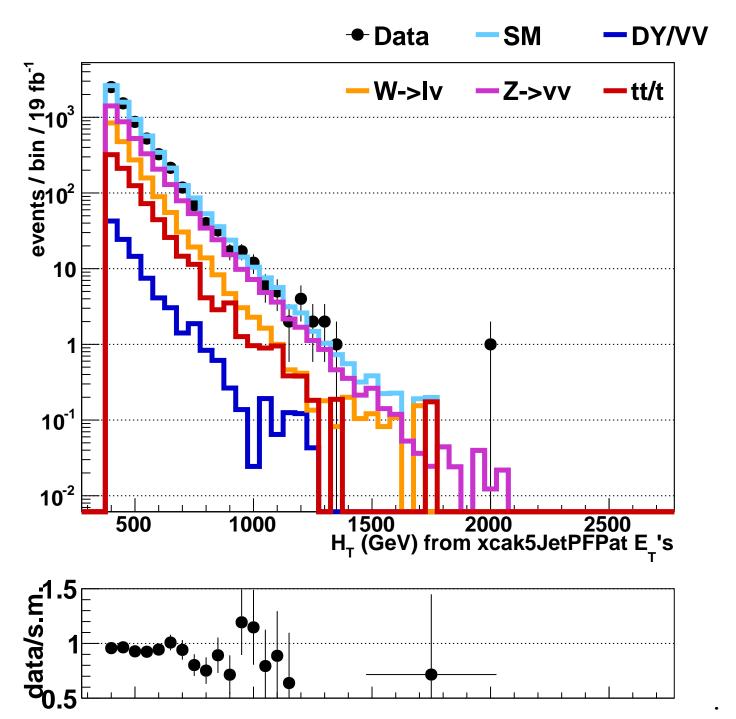
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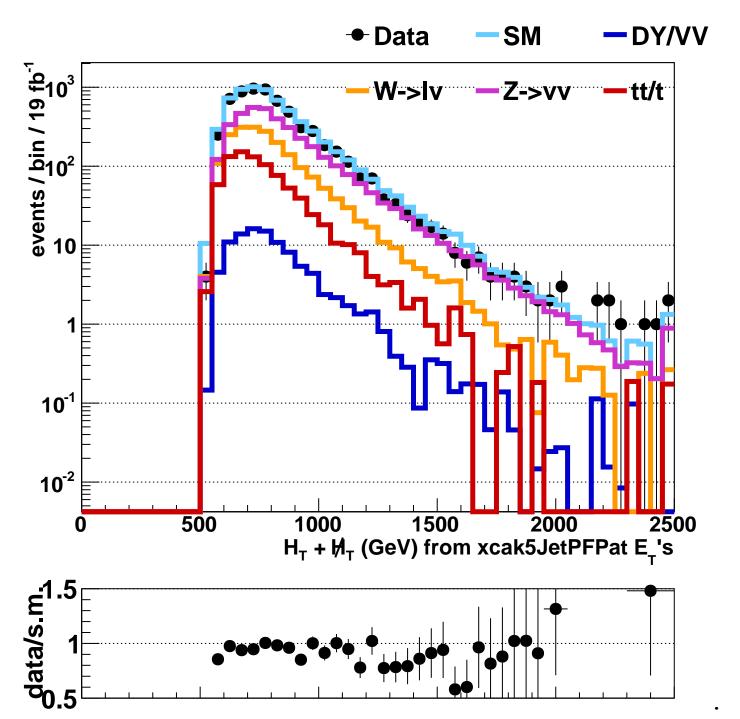
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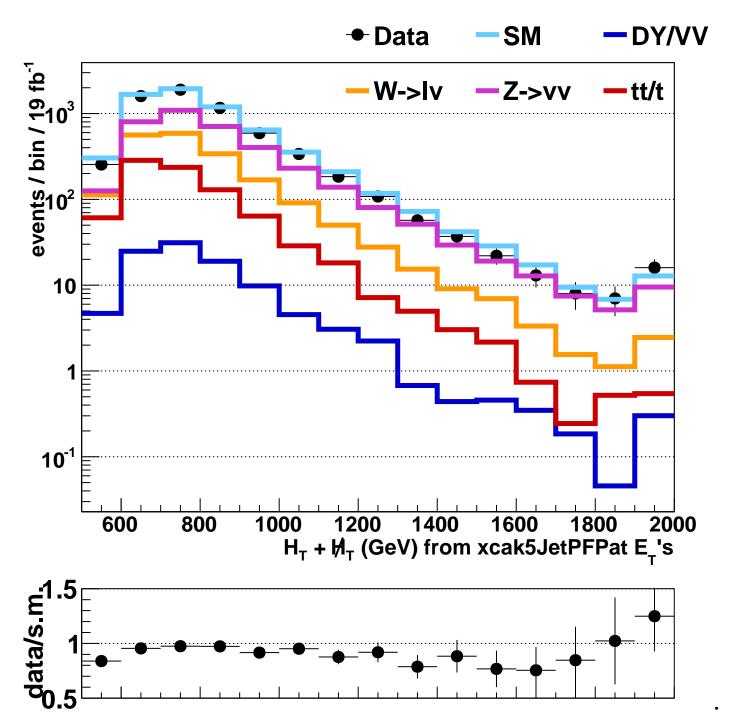
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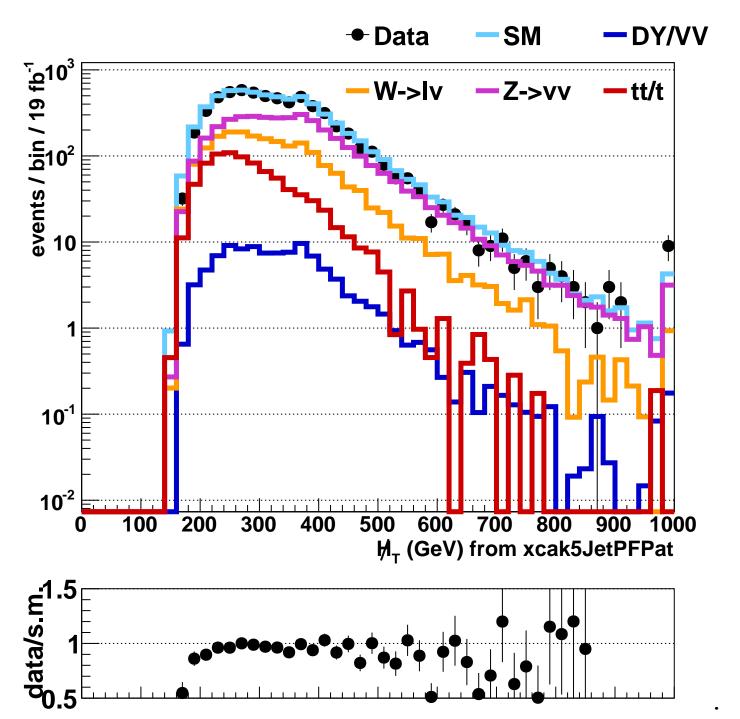
8.734(5)e+48.733(5)e+44.425(4)e+4 3.748(4)e+43.737(4)e+4

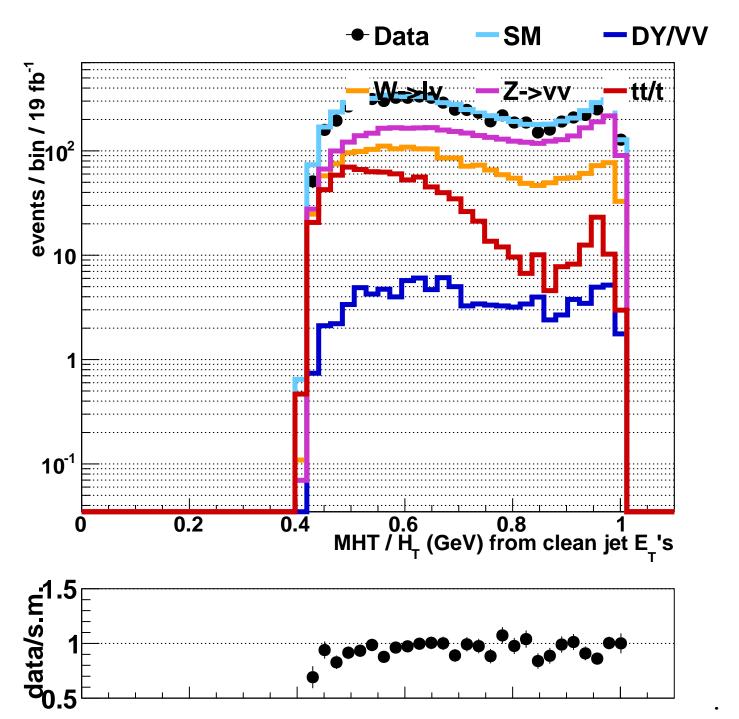
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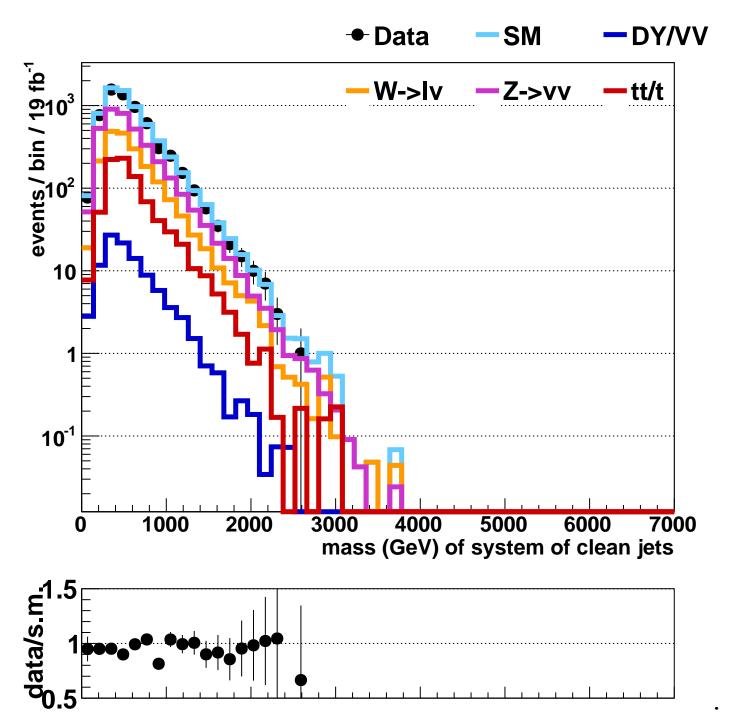


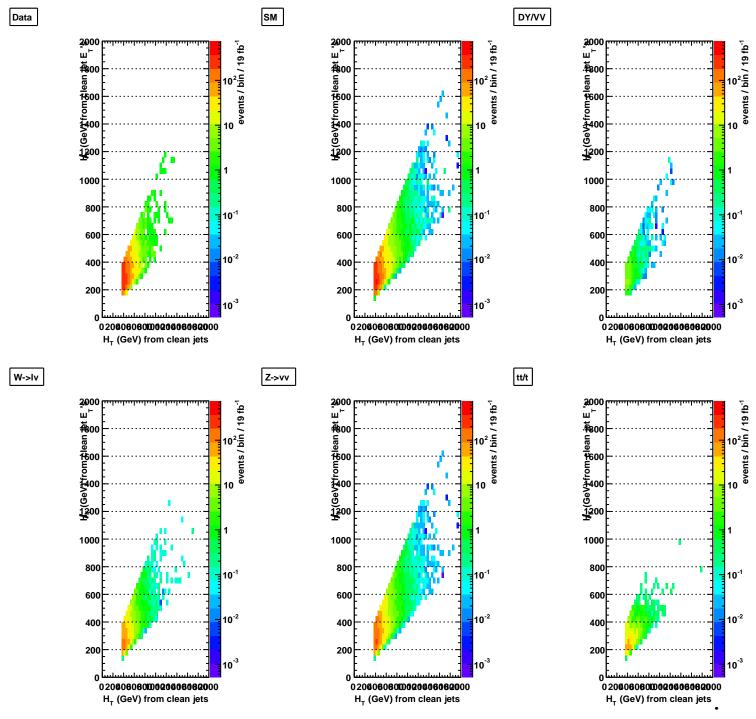


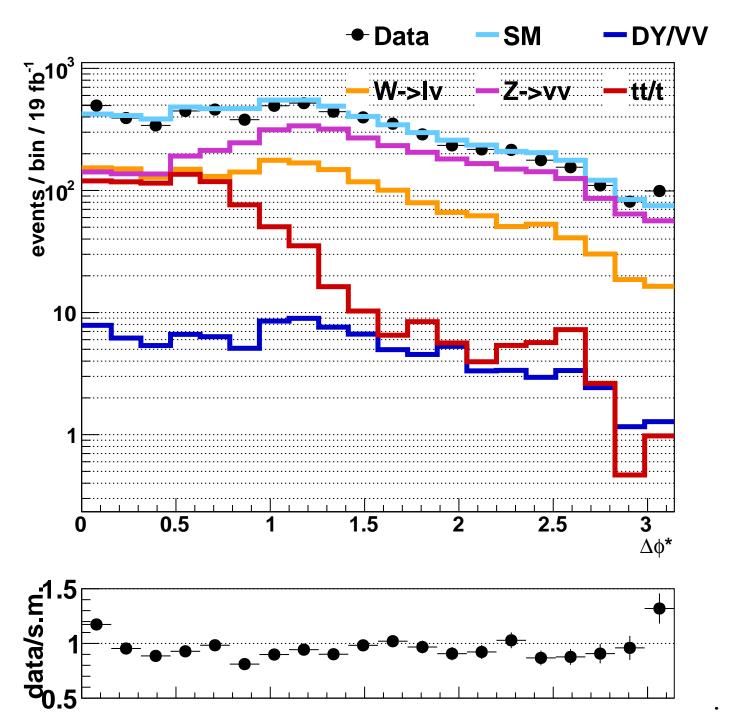


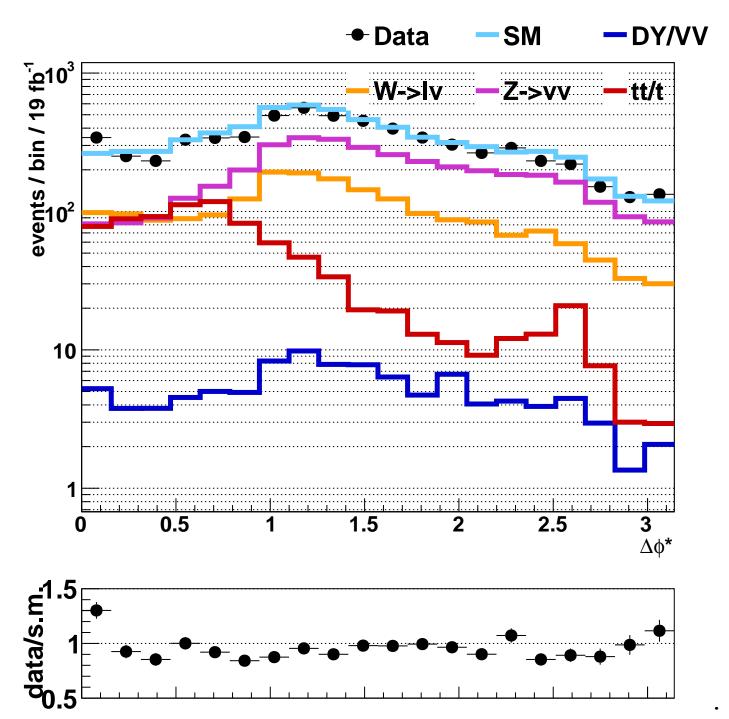


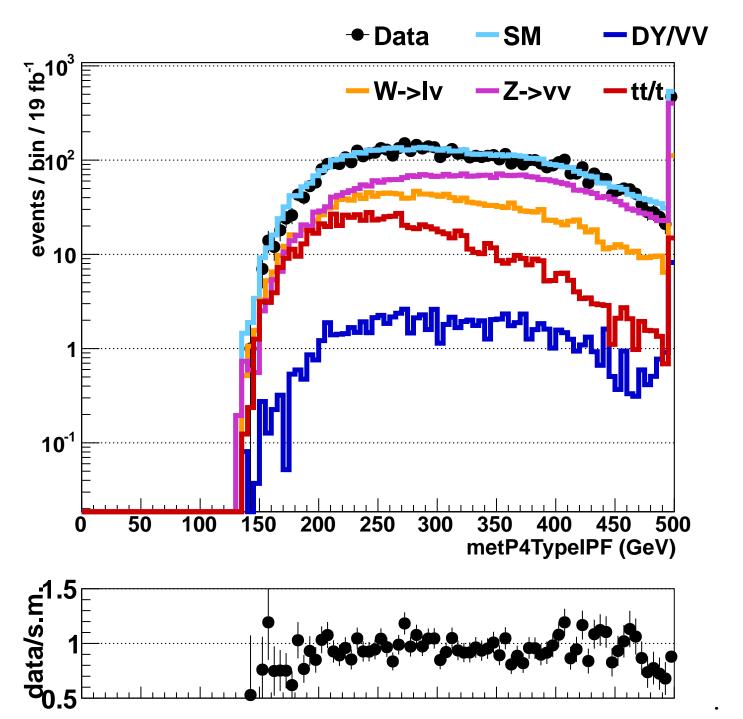


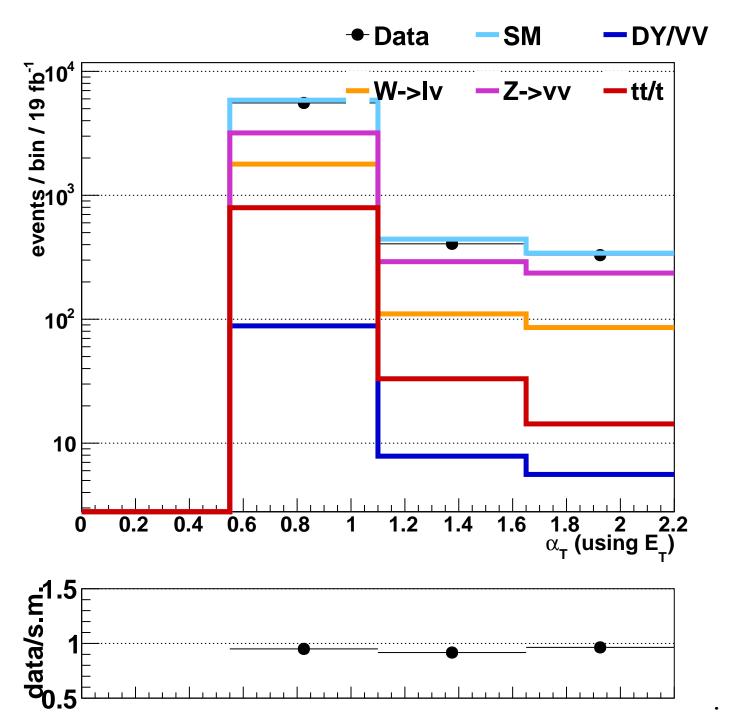


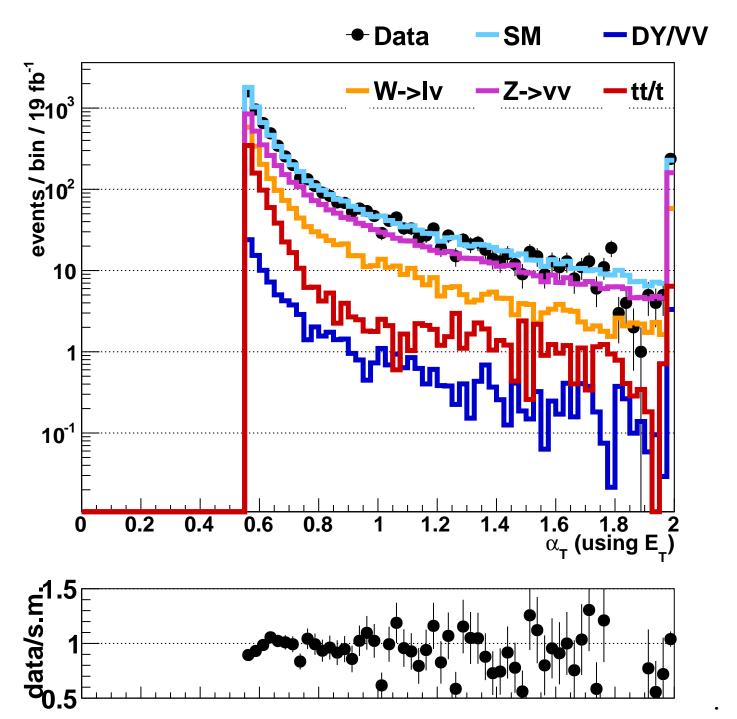


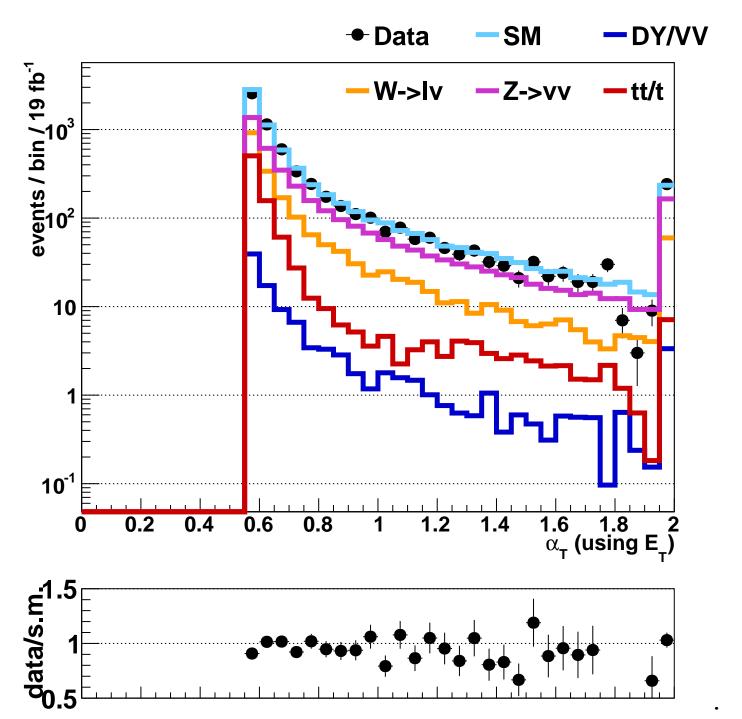


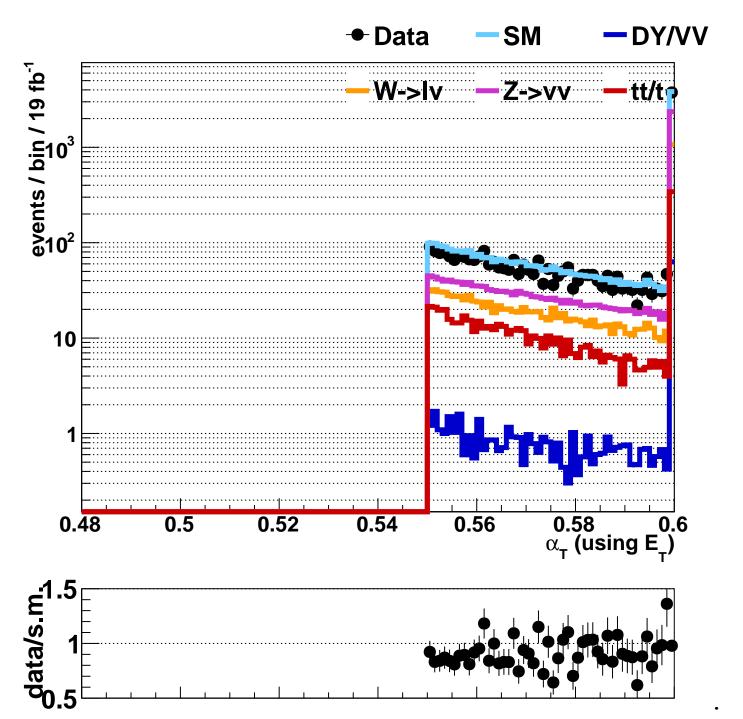


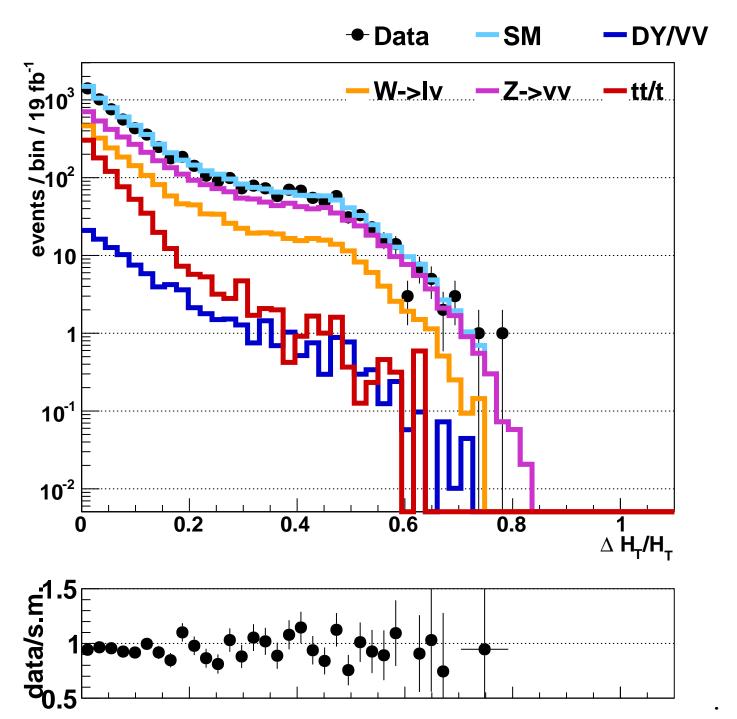


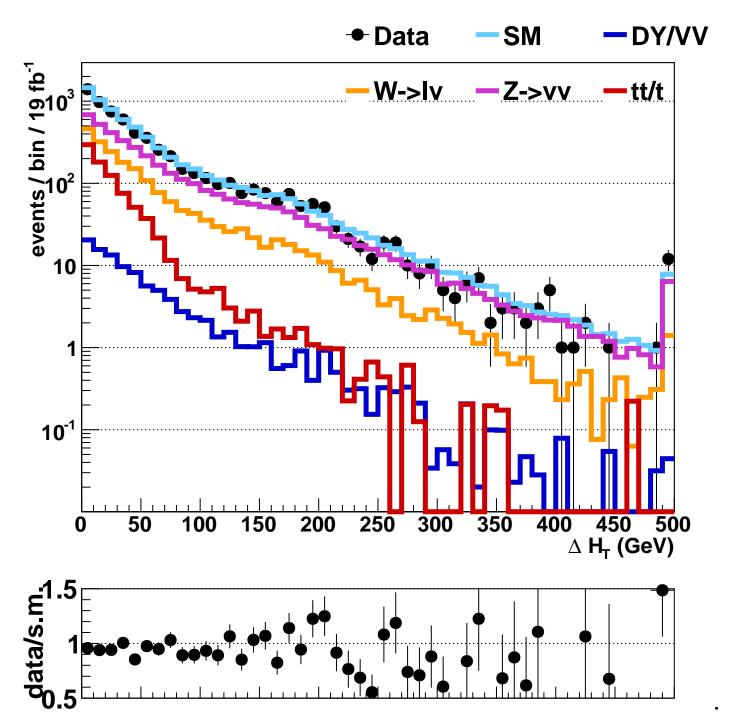


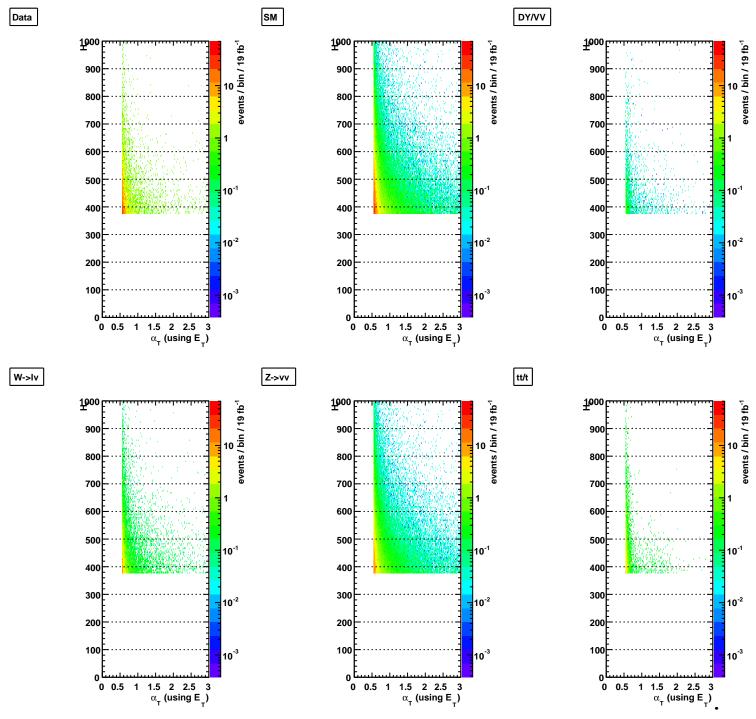


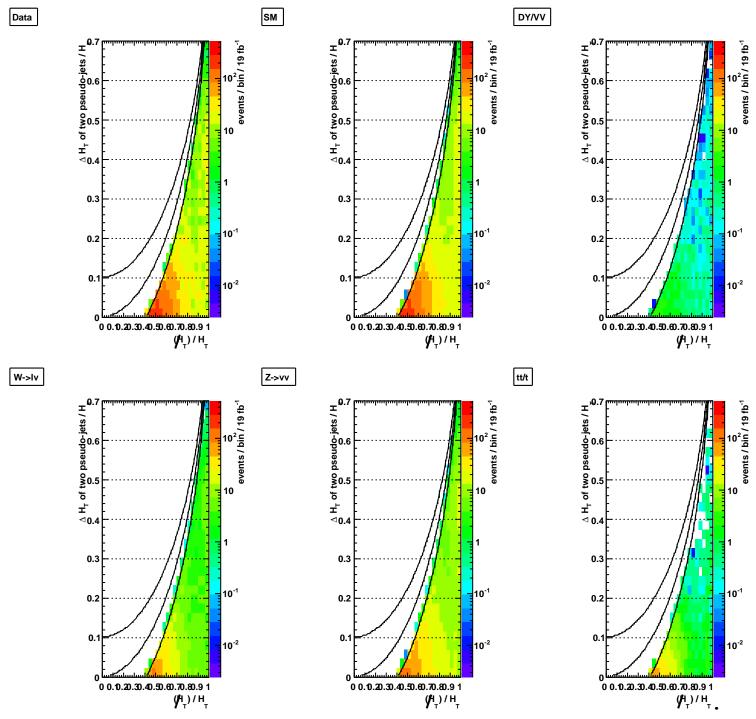


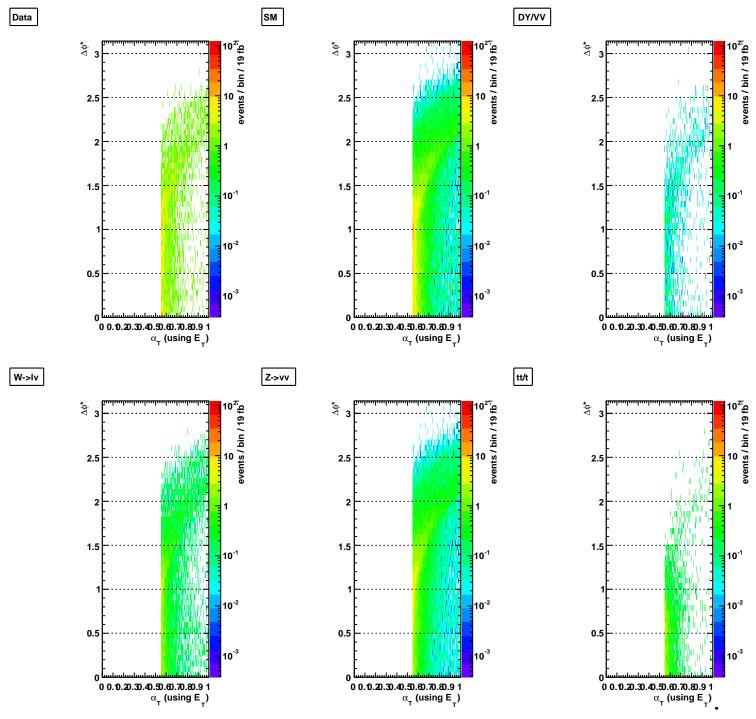


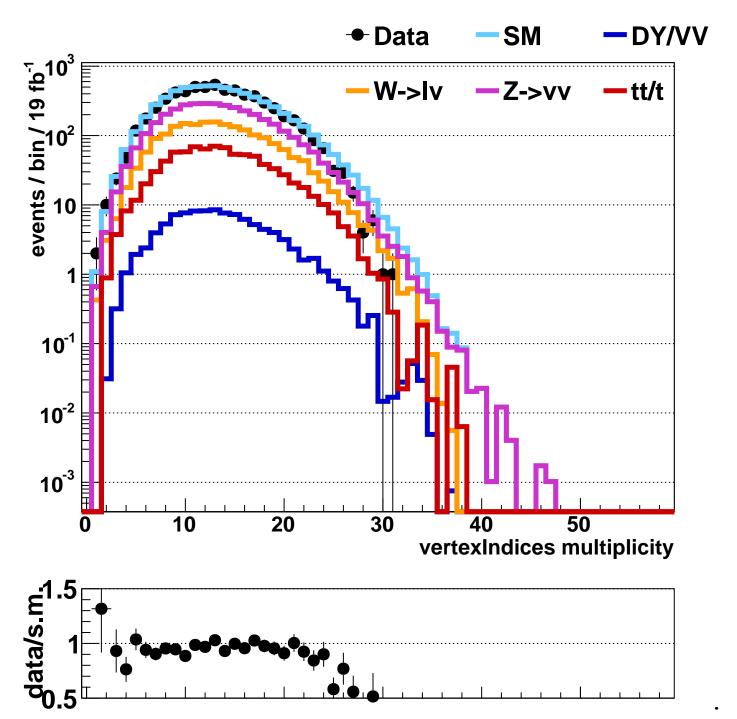


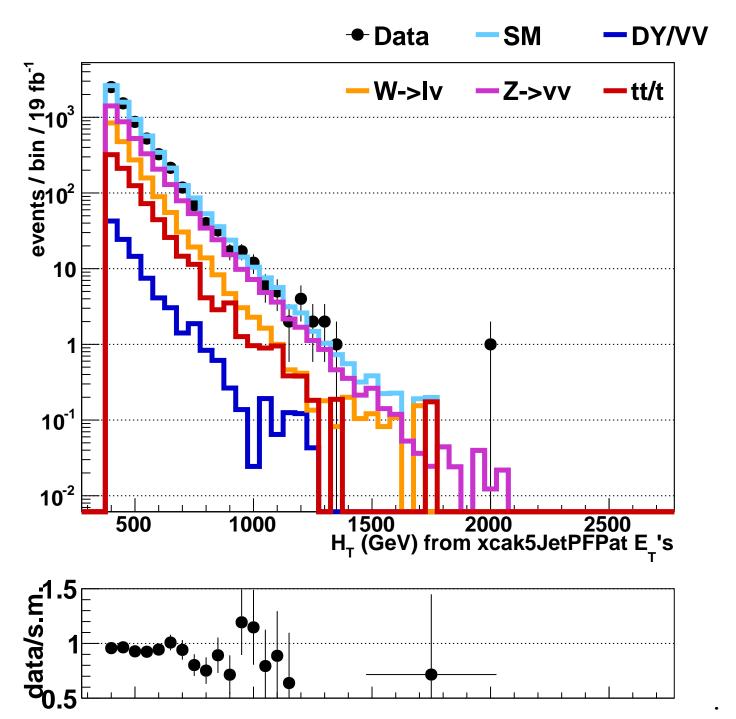


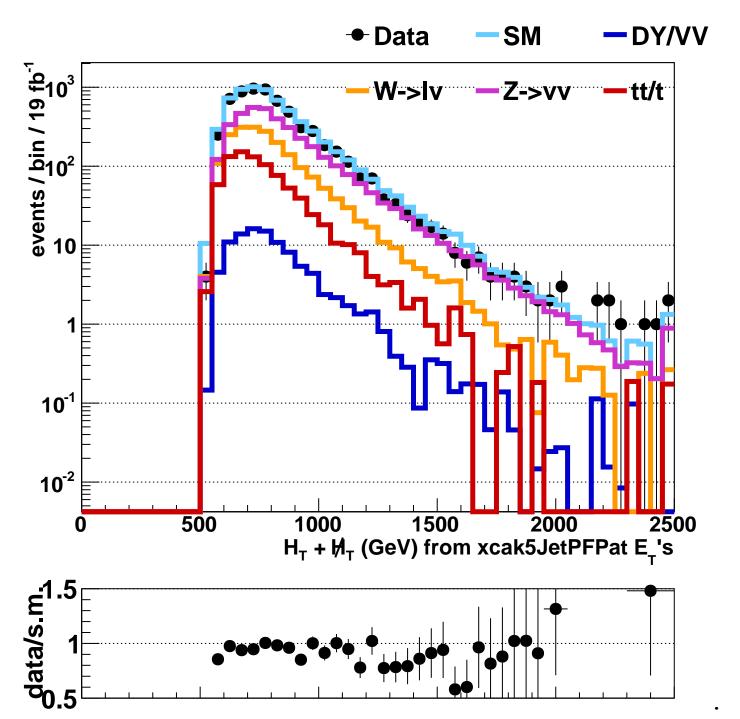


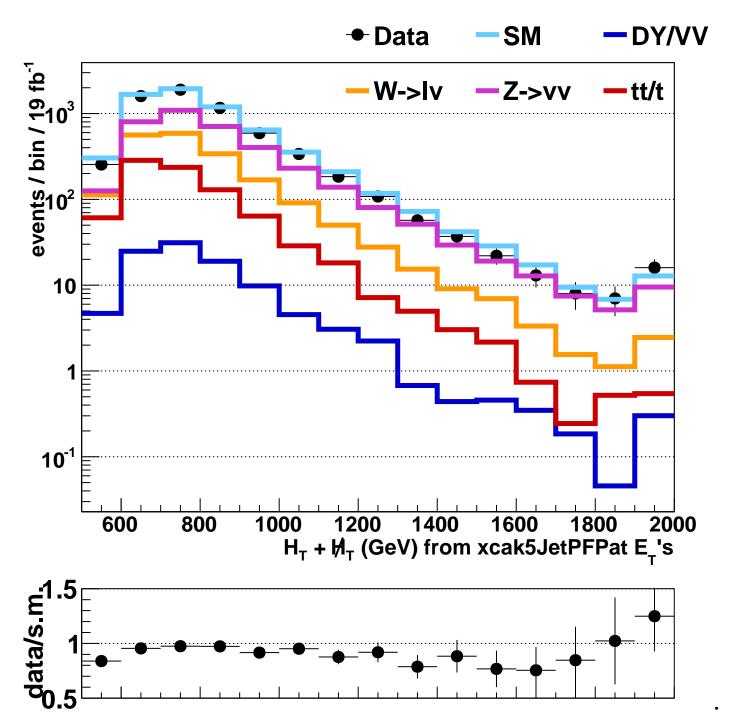


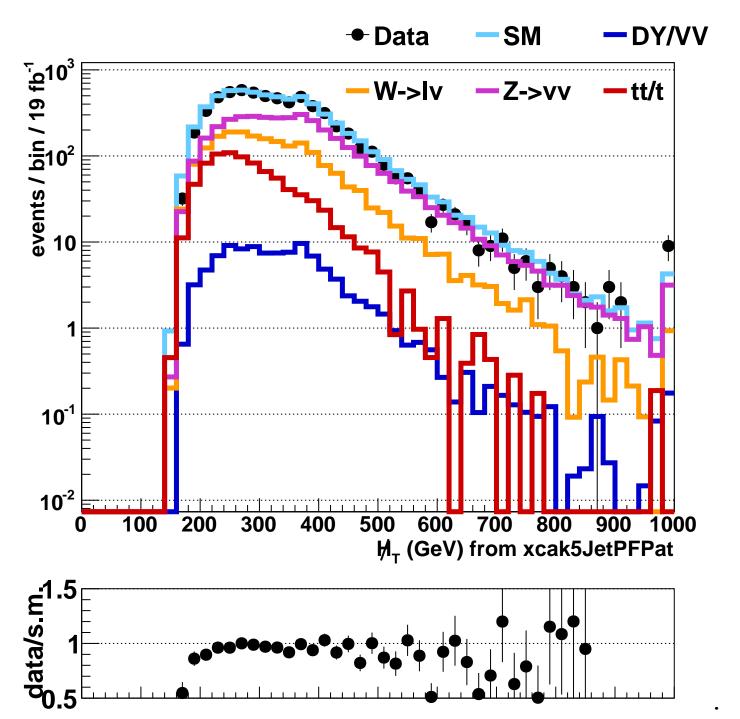


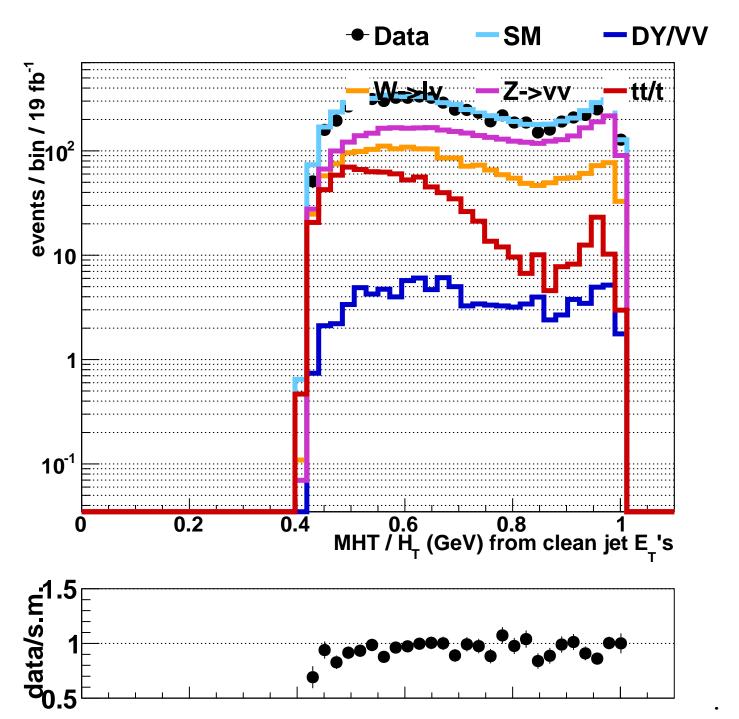


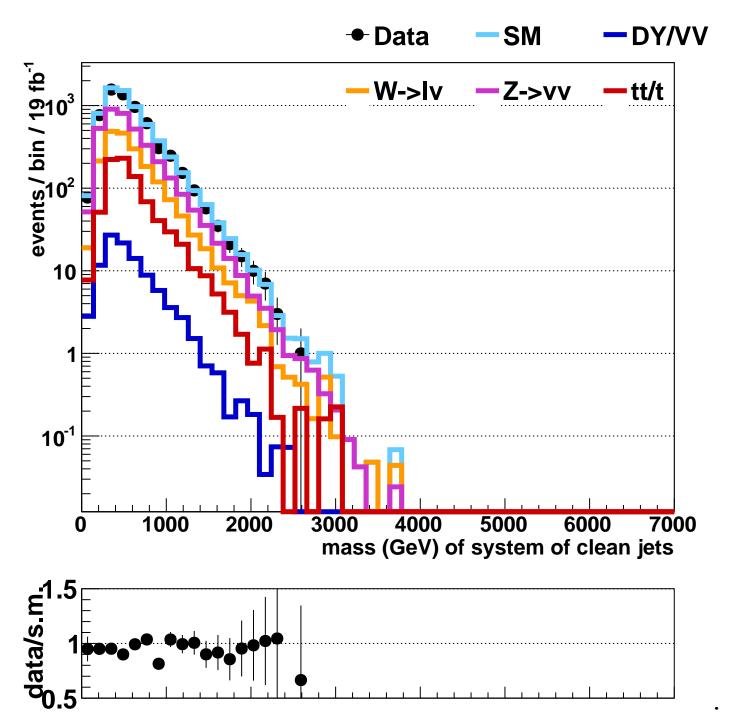


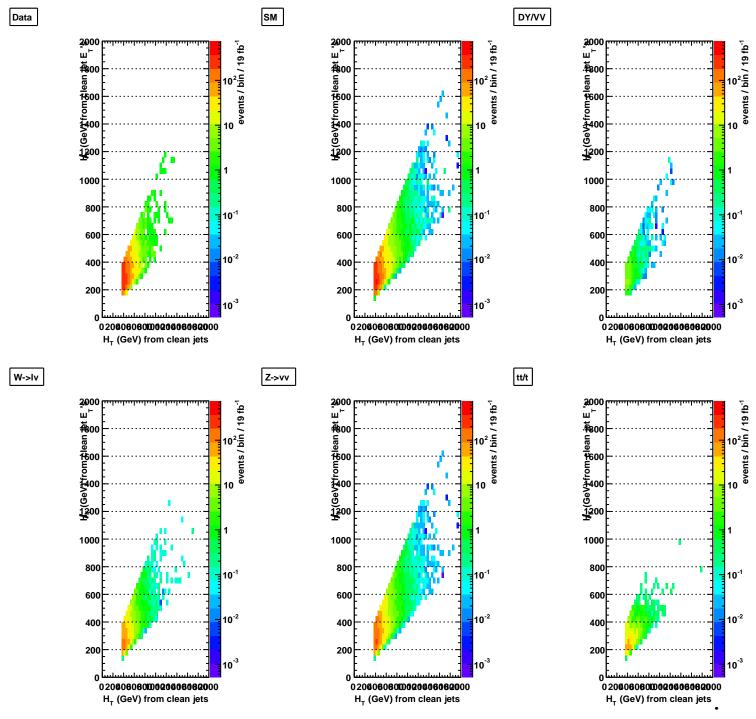


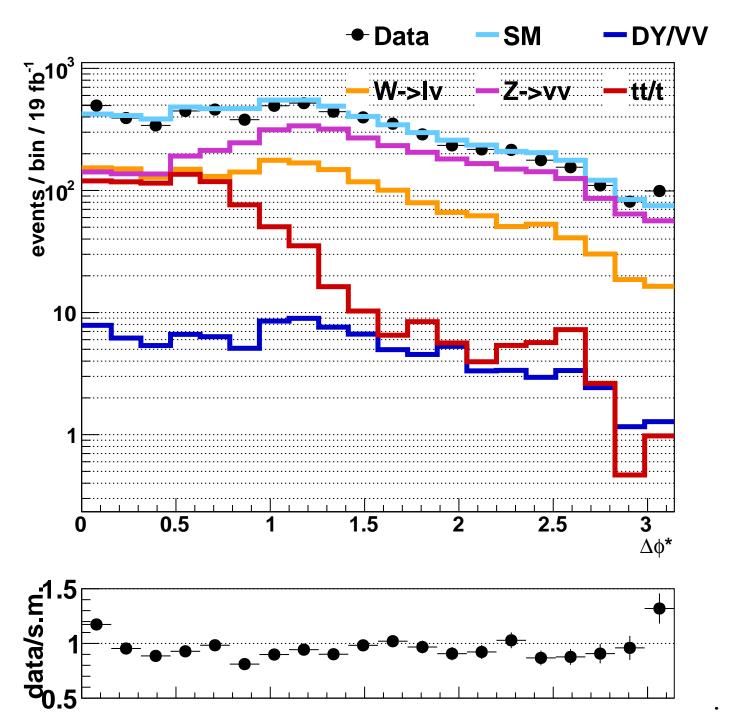


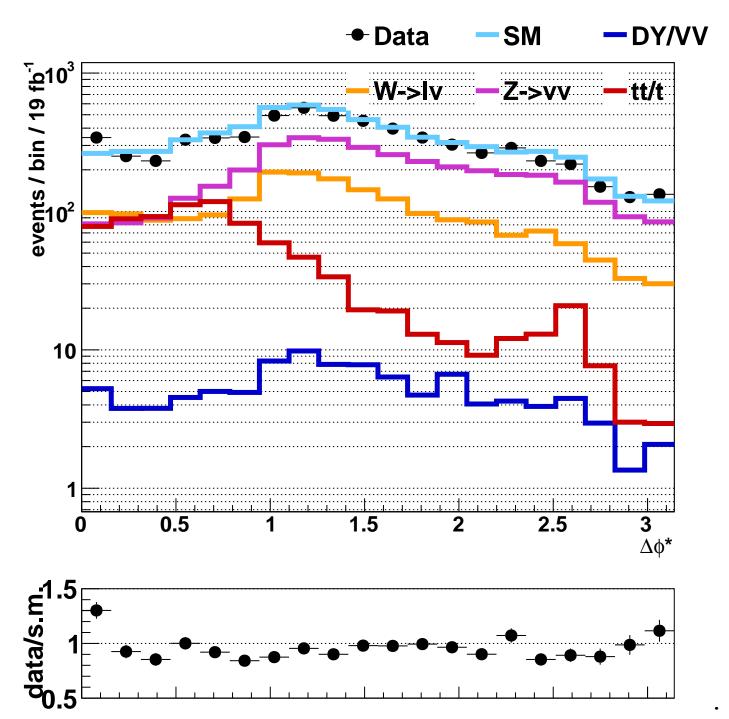


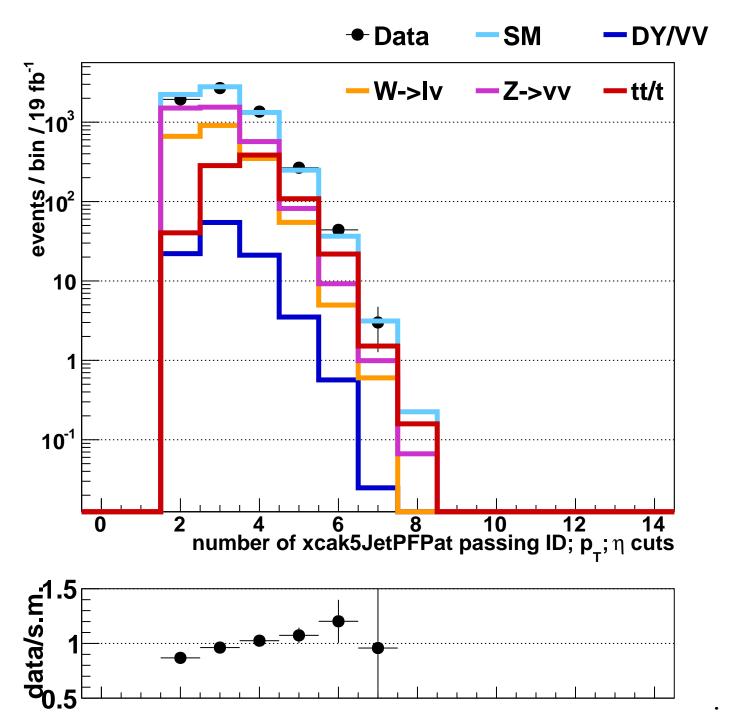


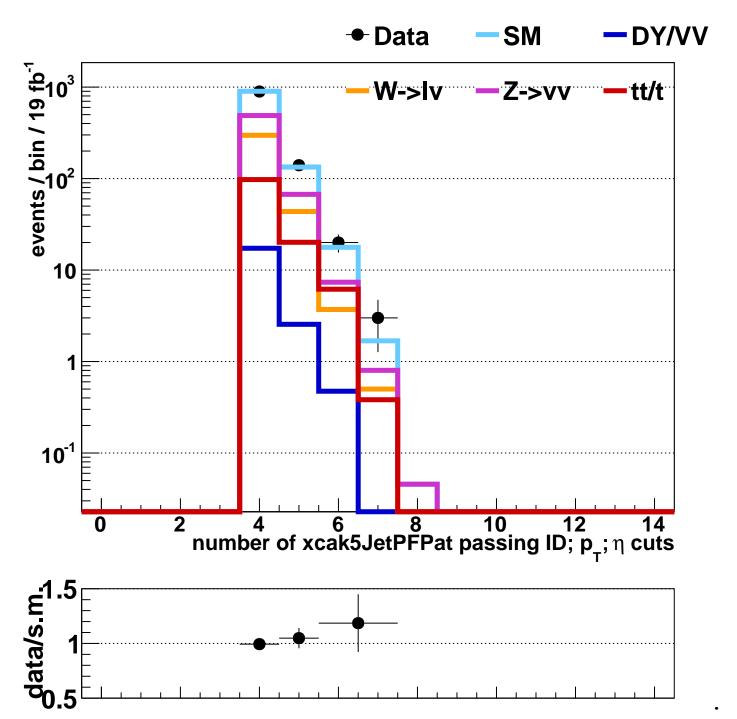


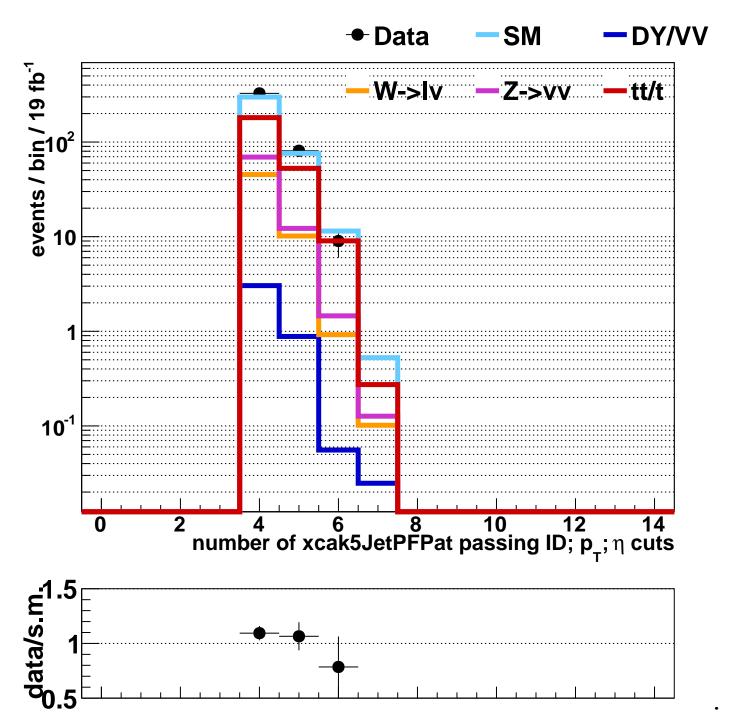


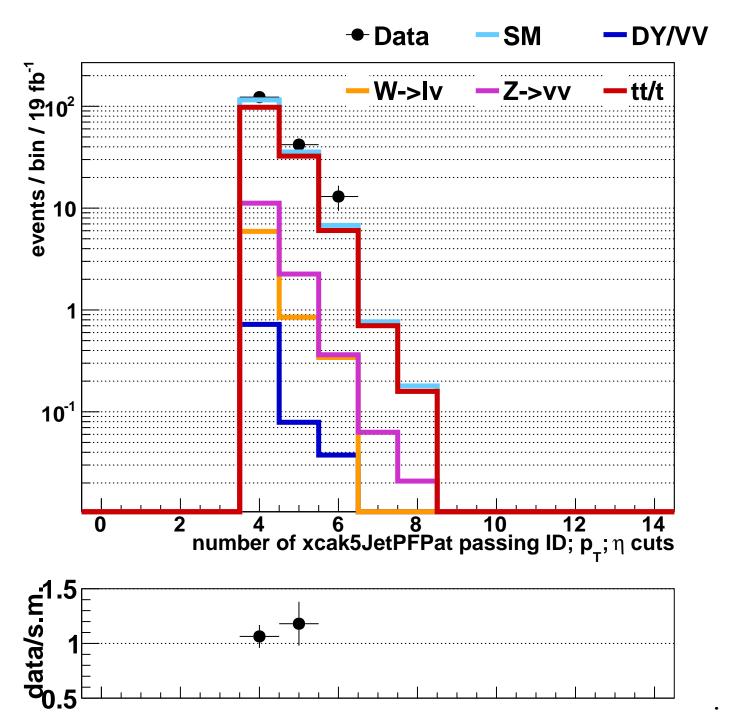


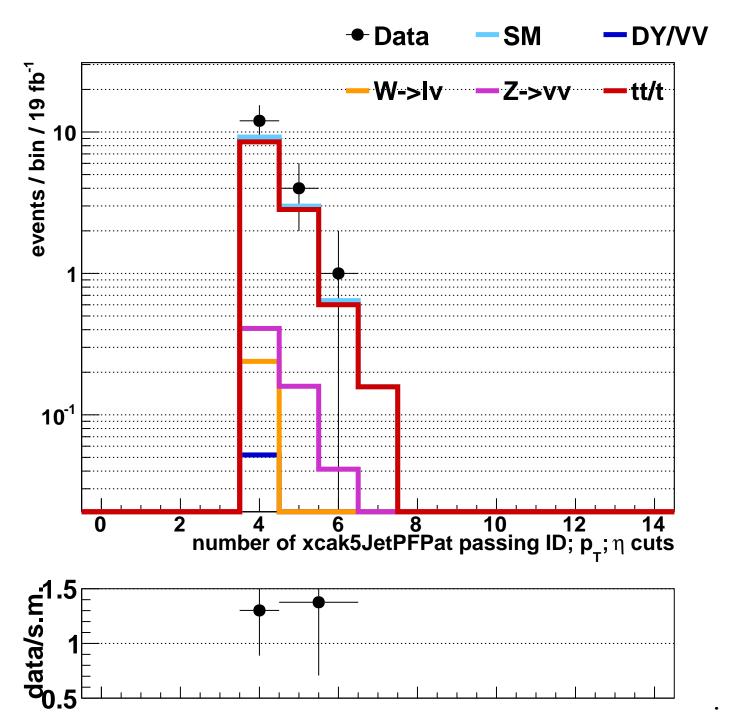


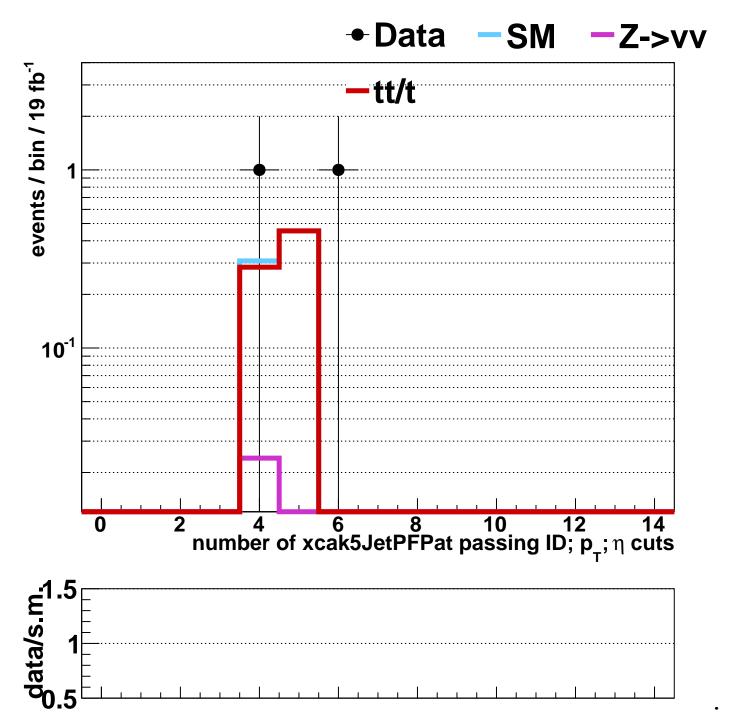


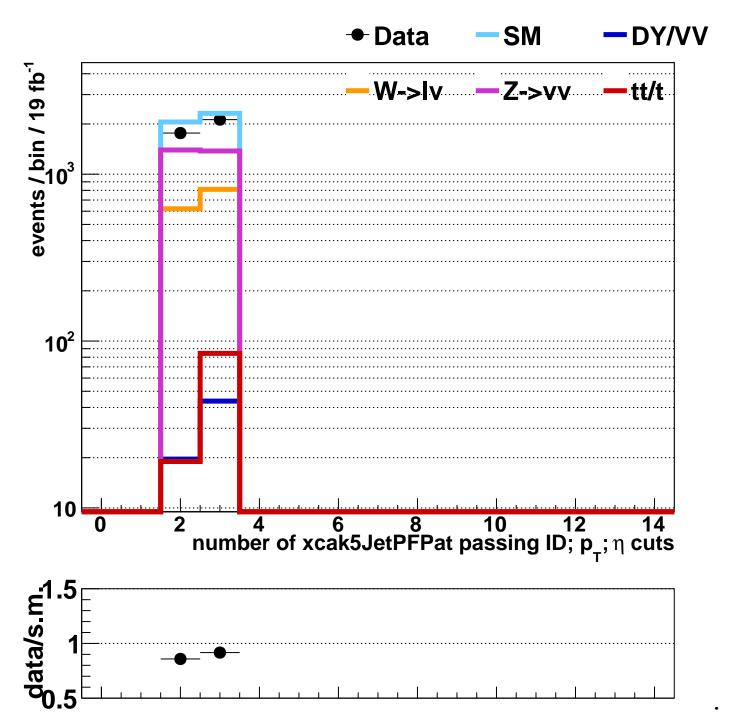


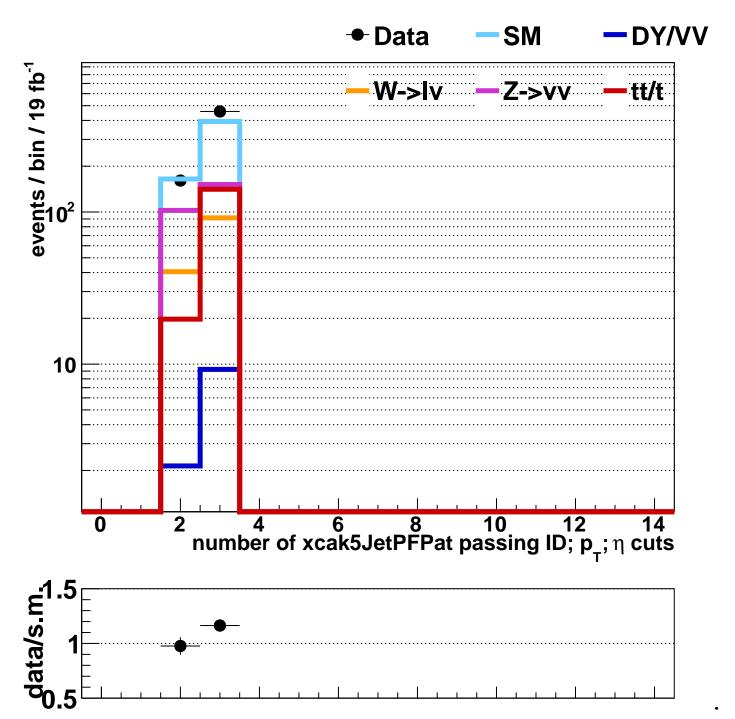


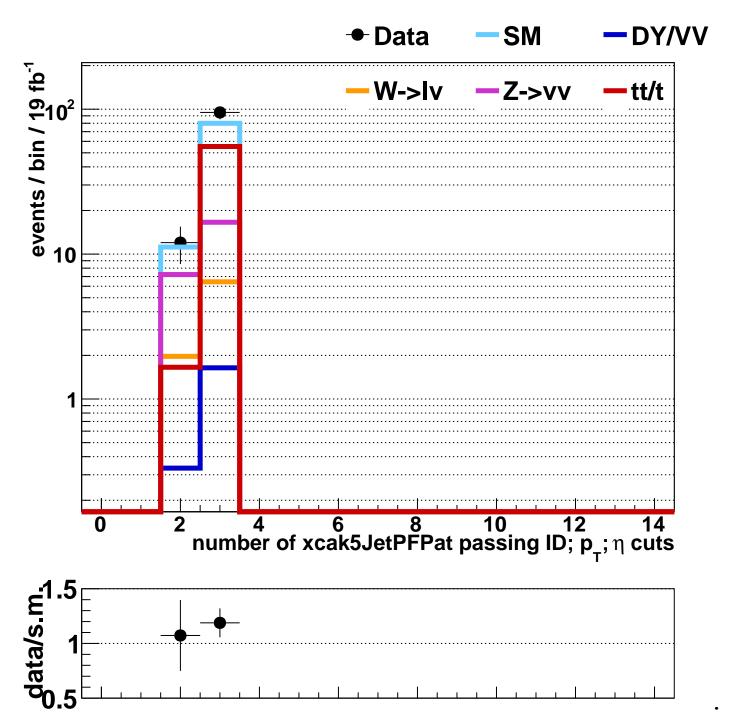


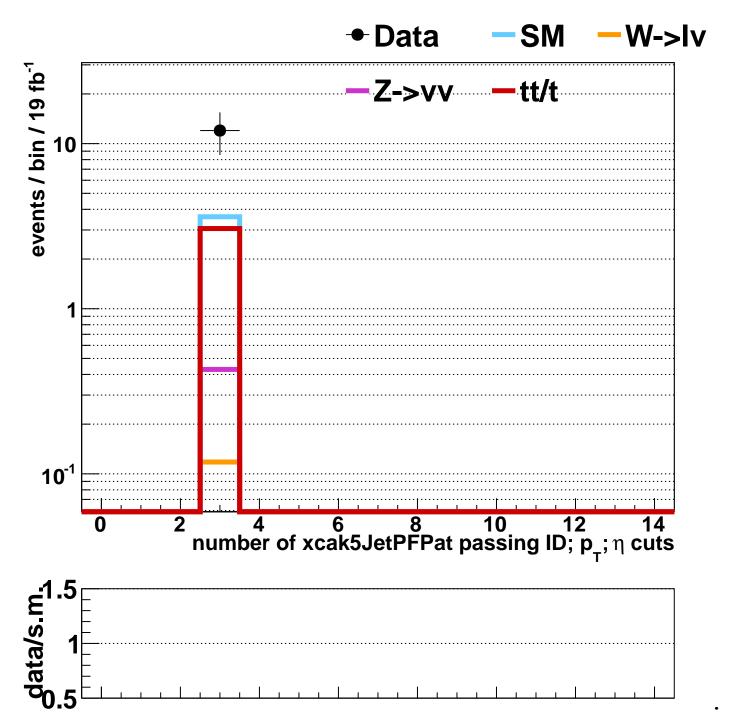


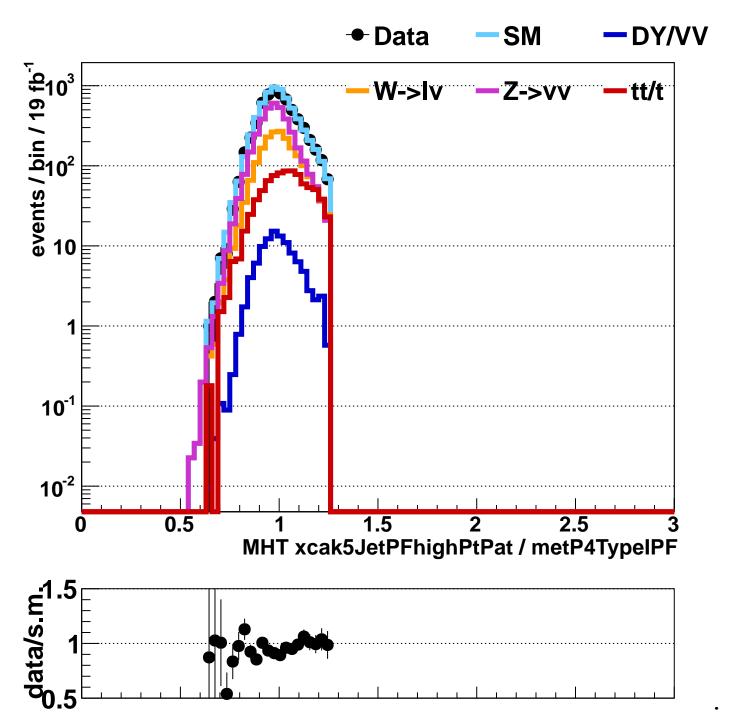


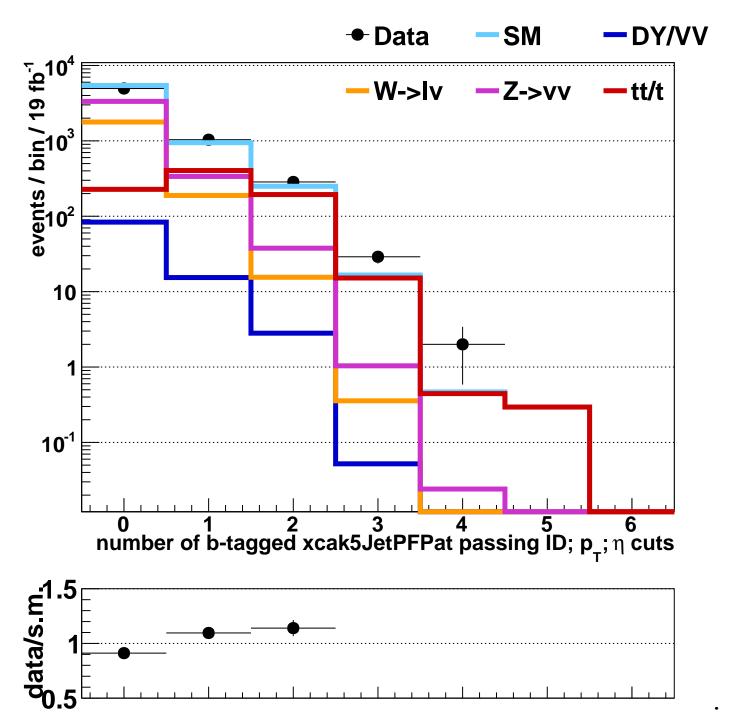


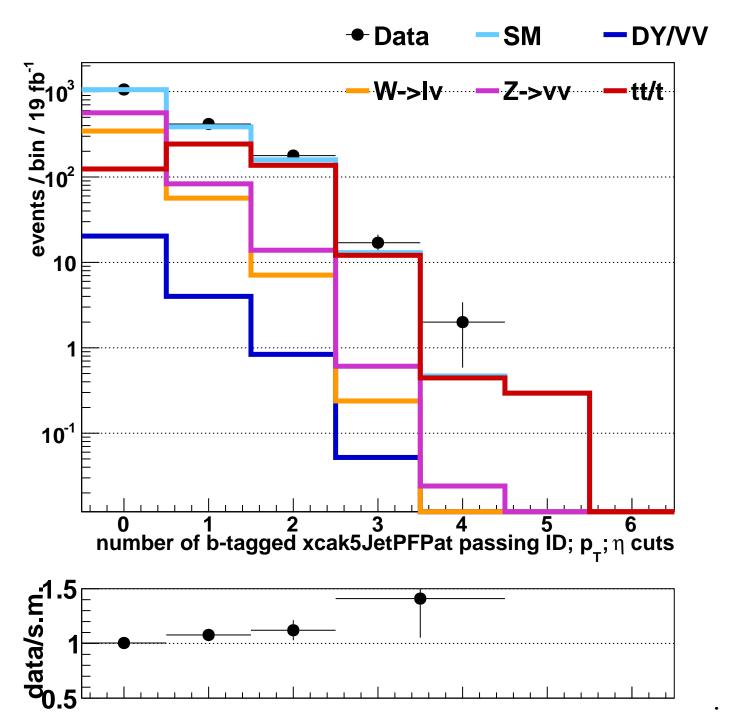


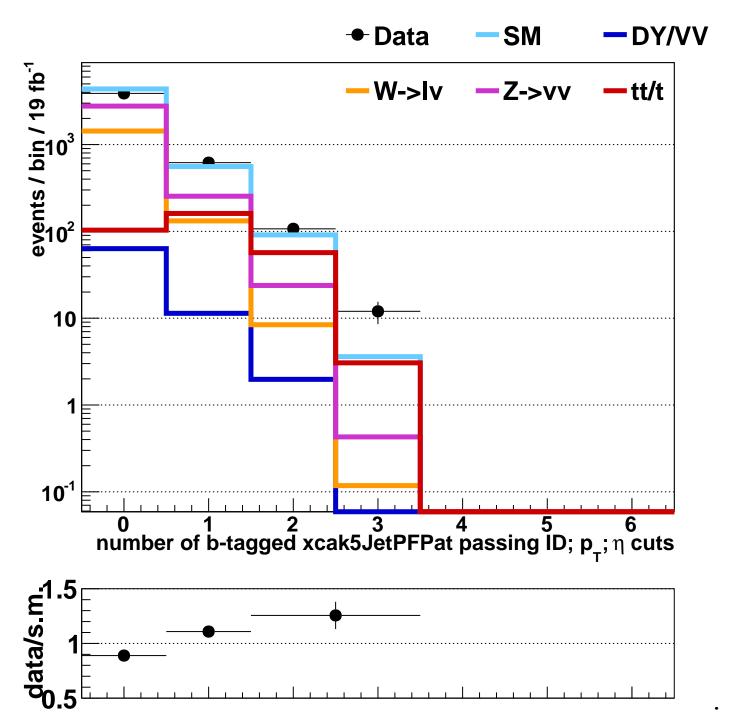


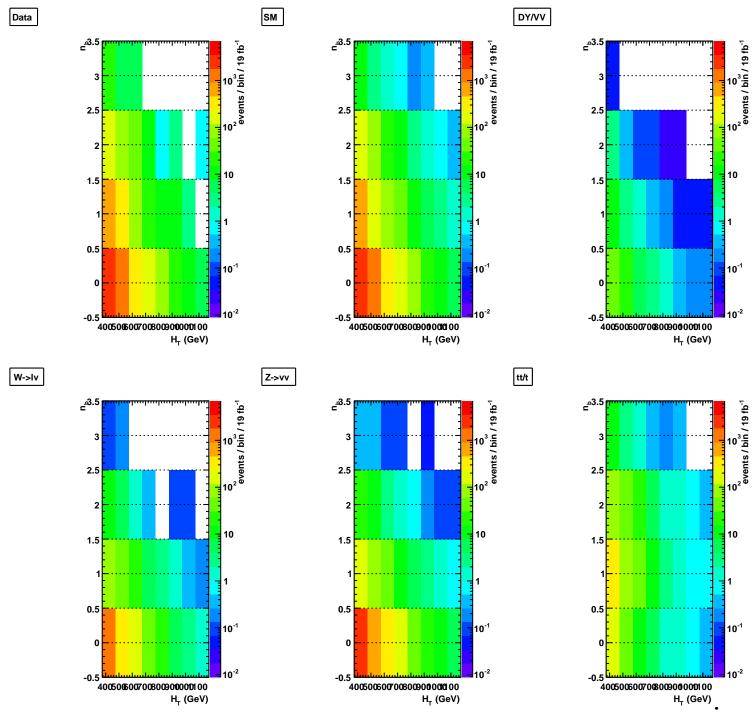


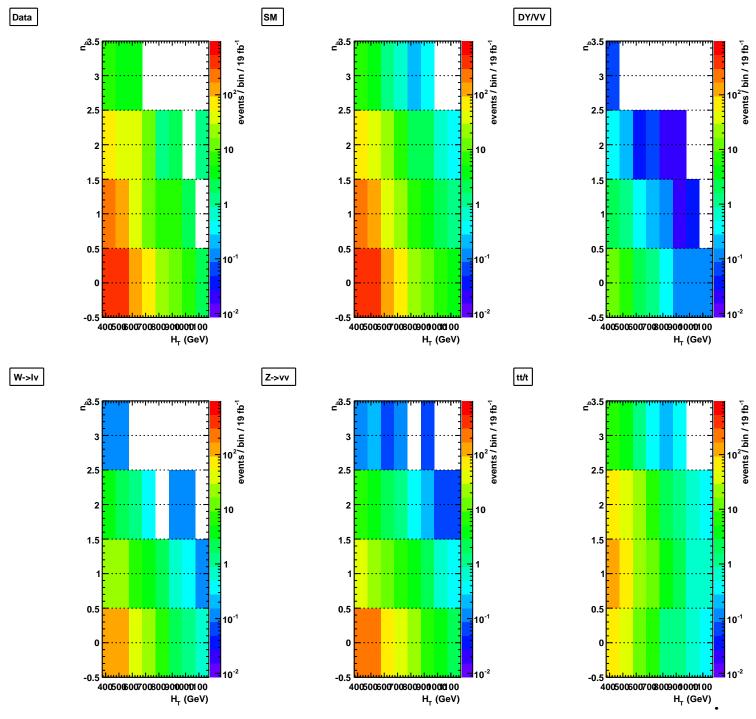


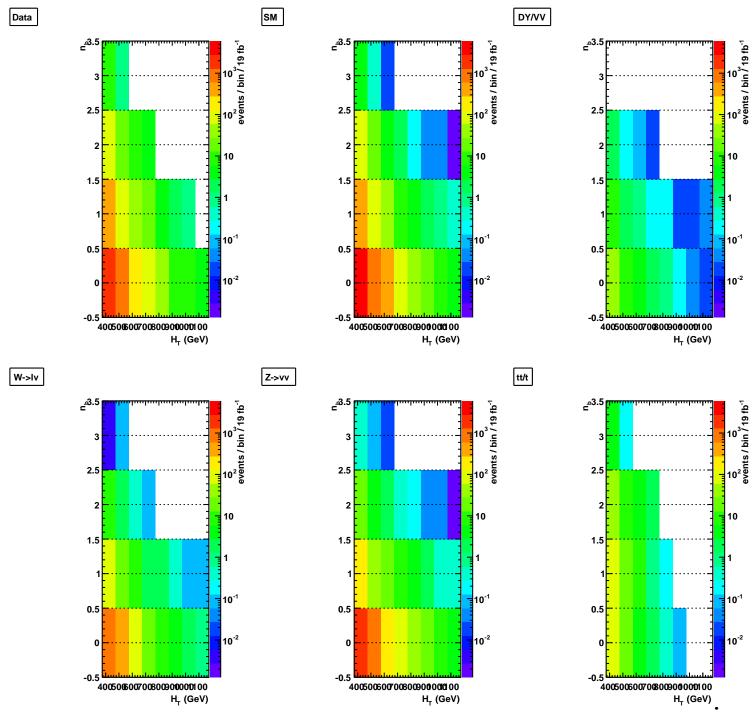


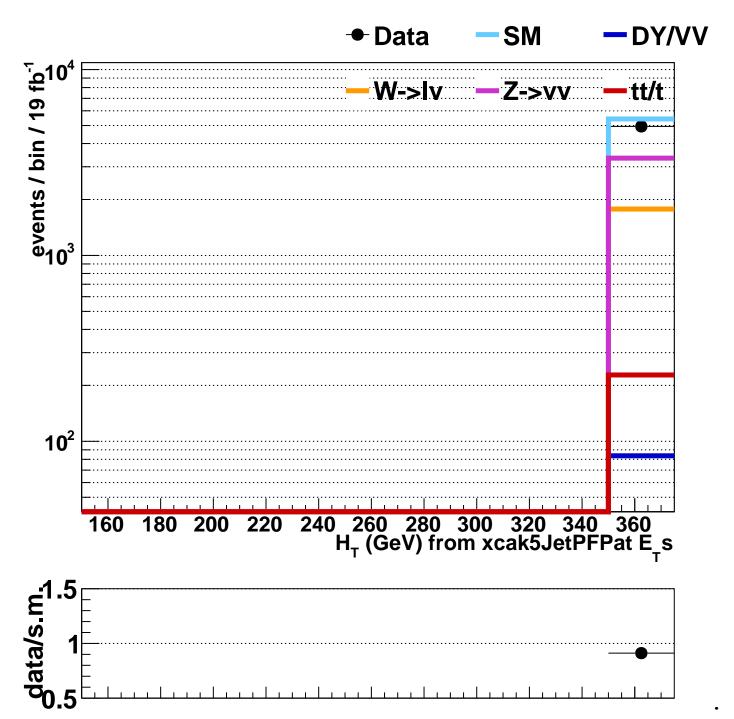


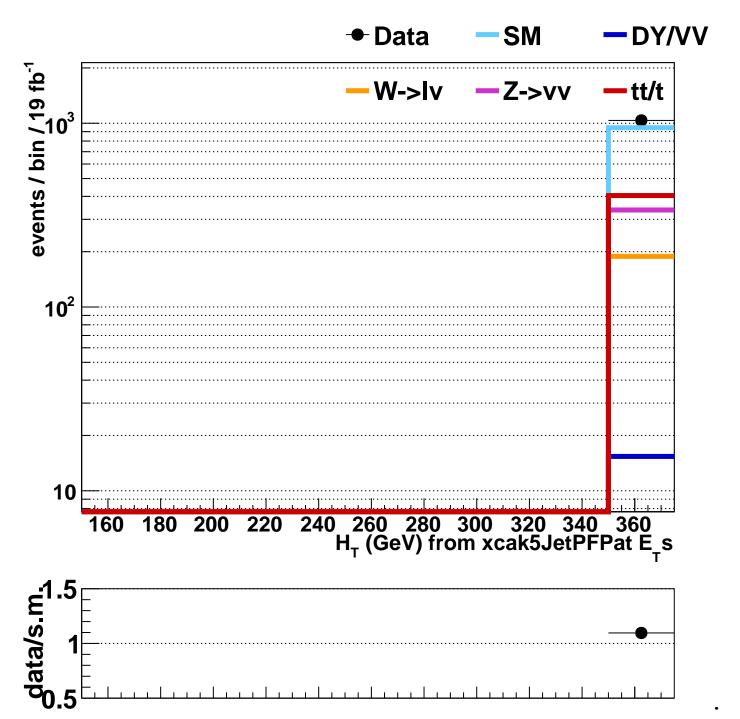


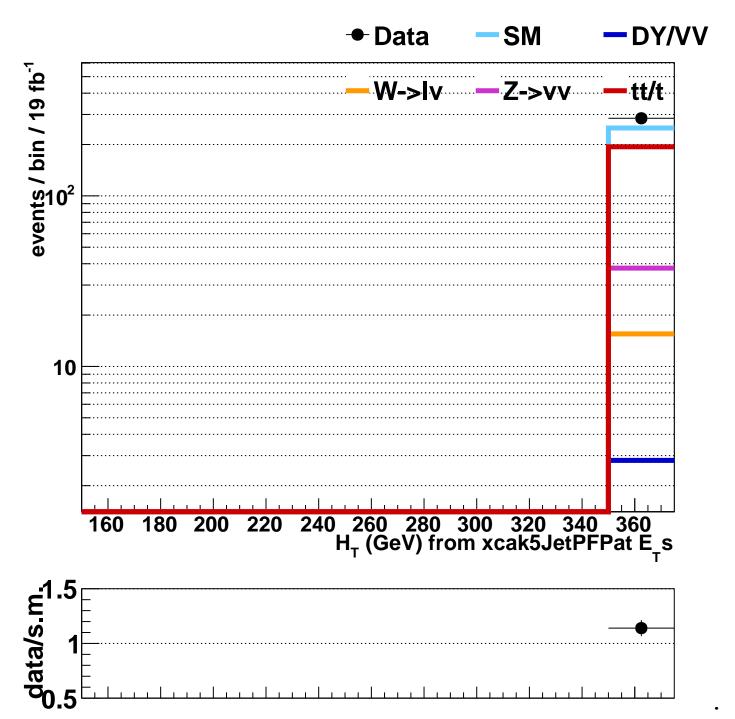


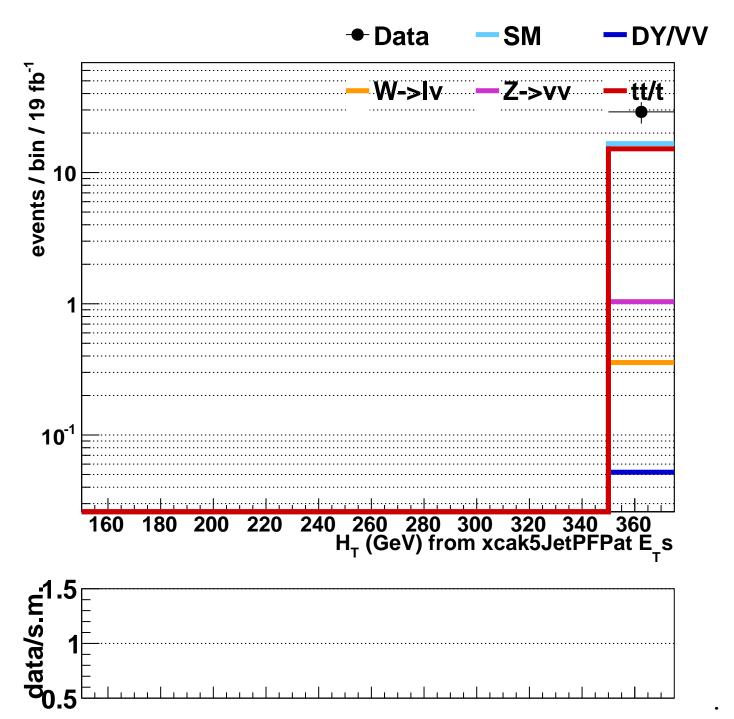


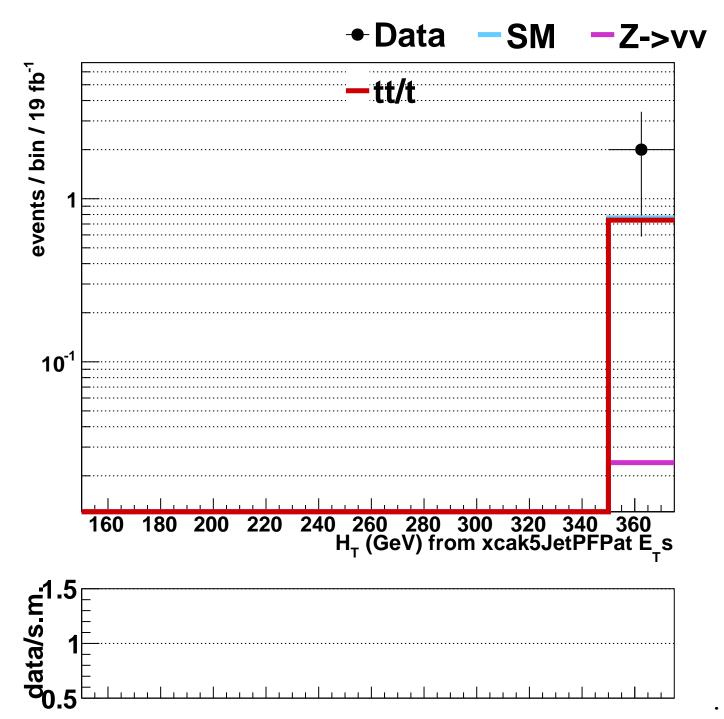


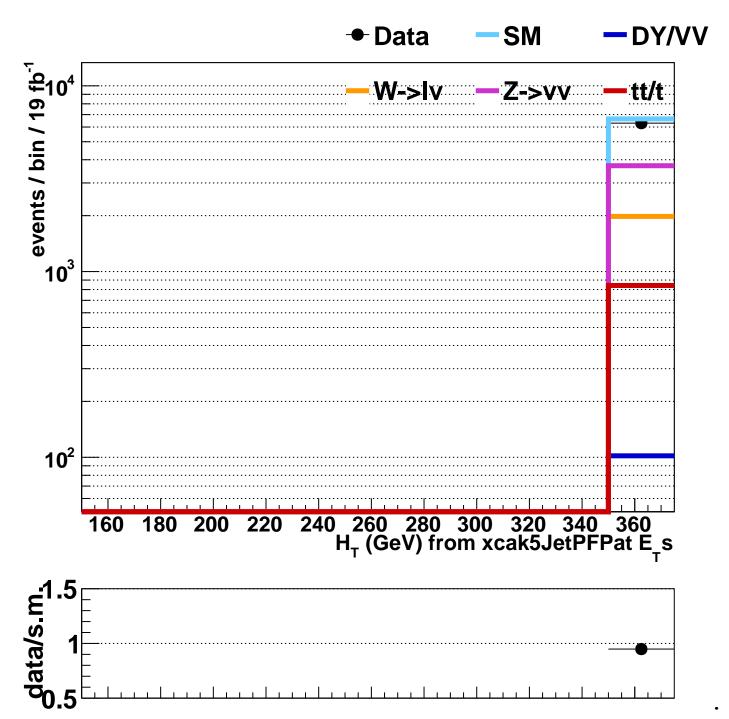


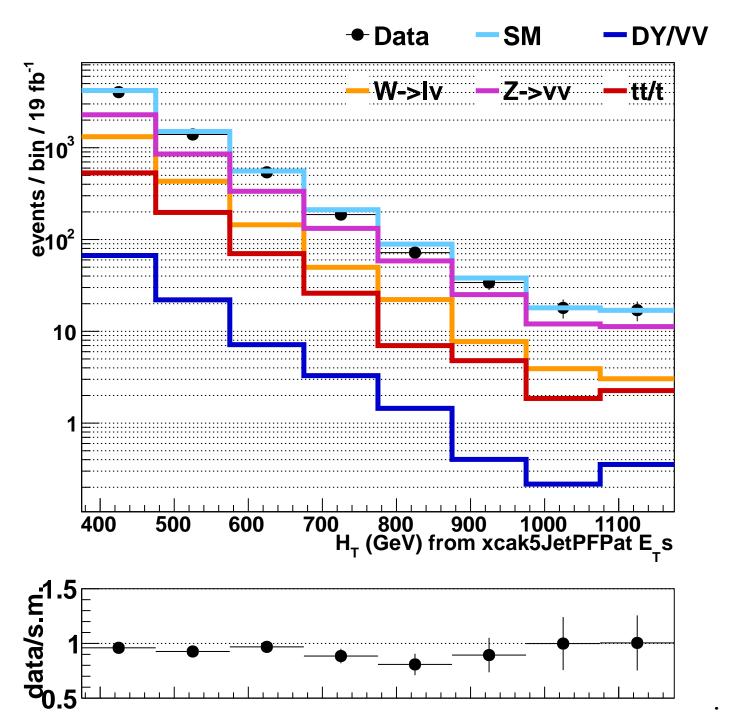


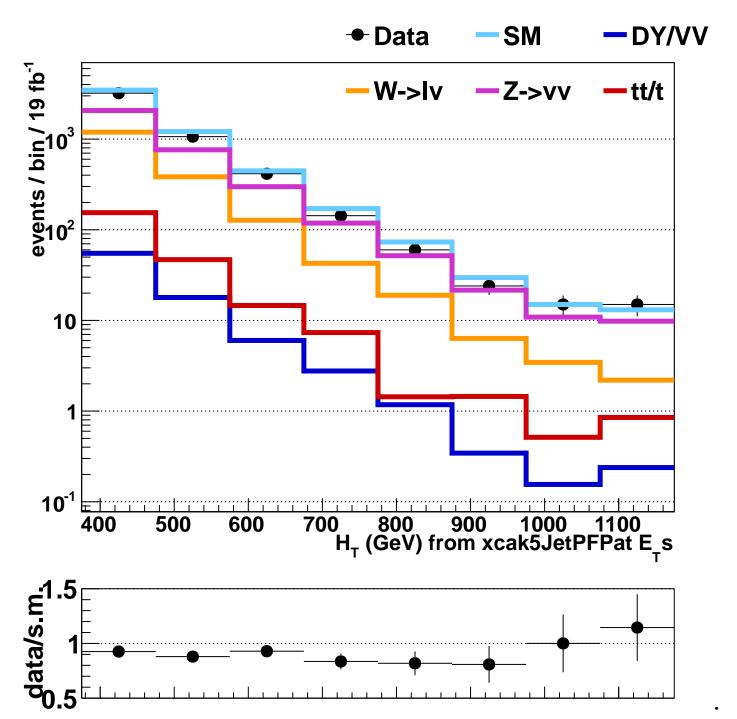


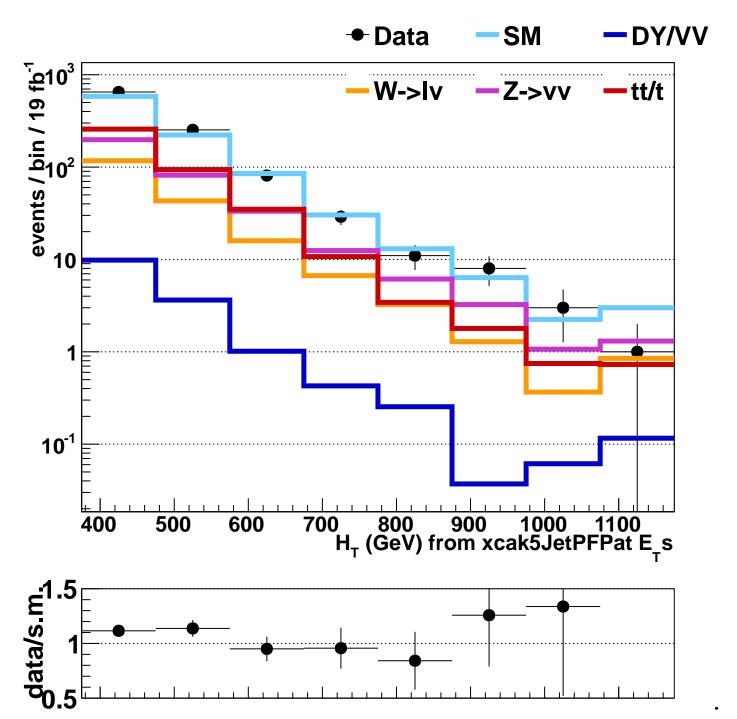


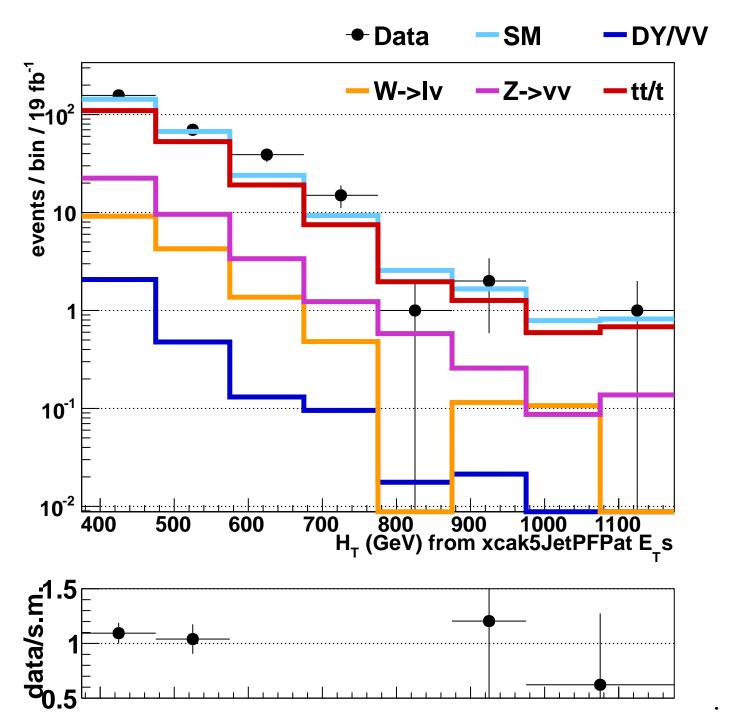


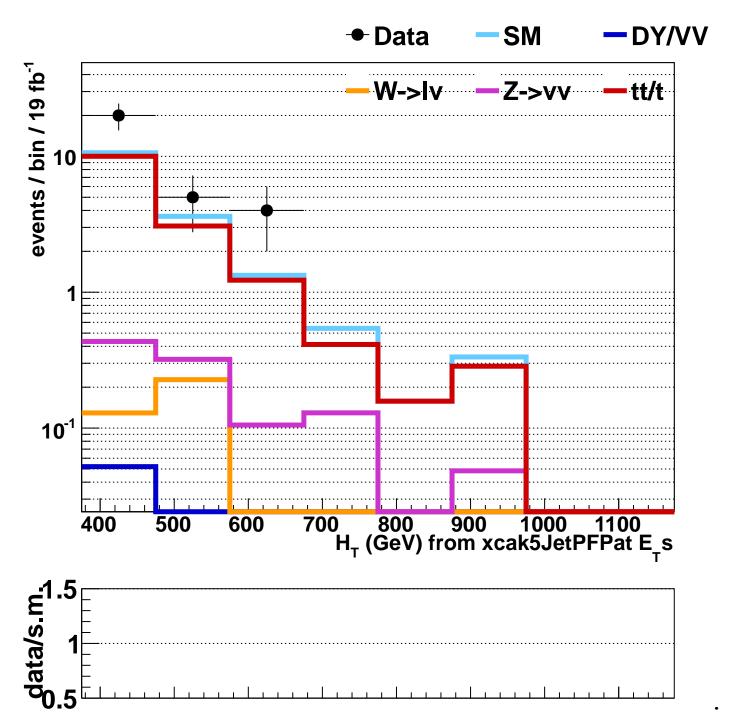


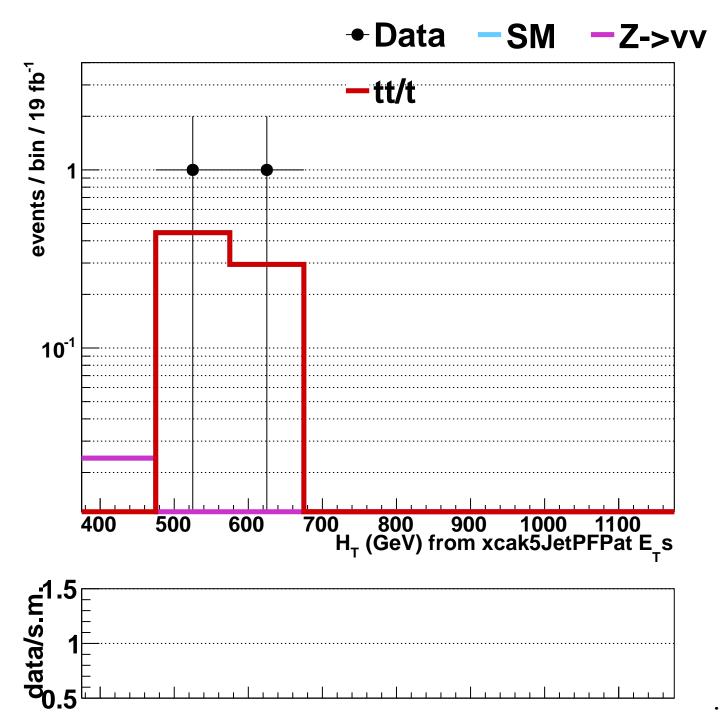


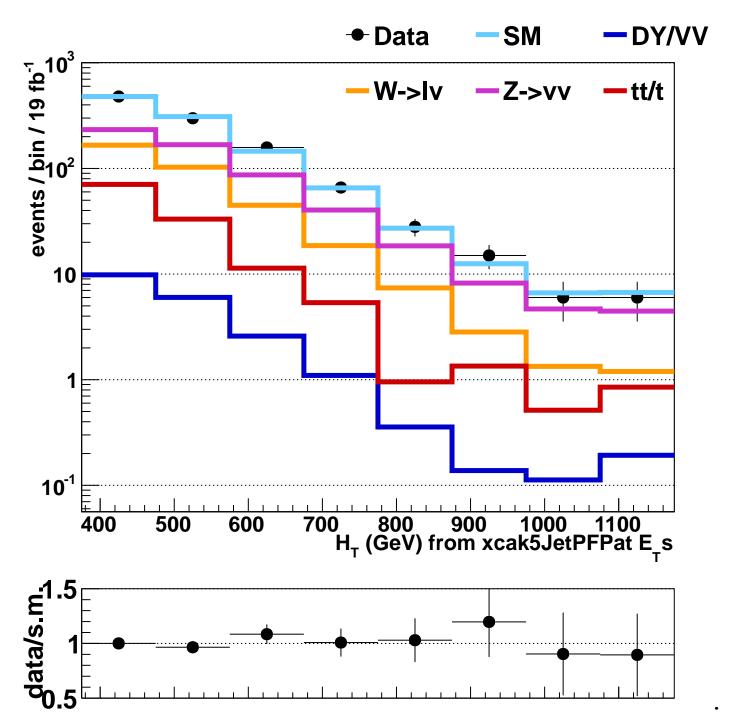


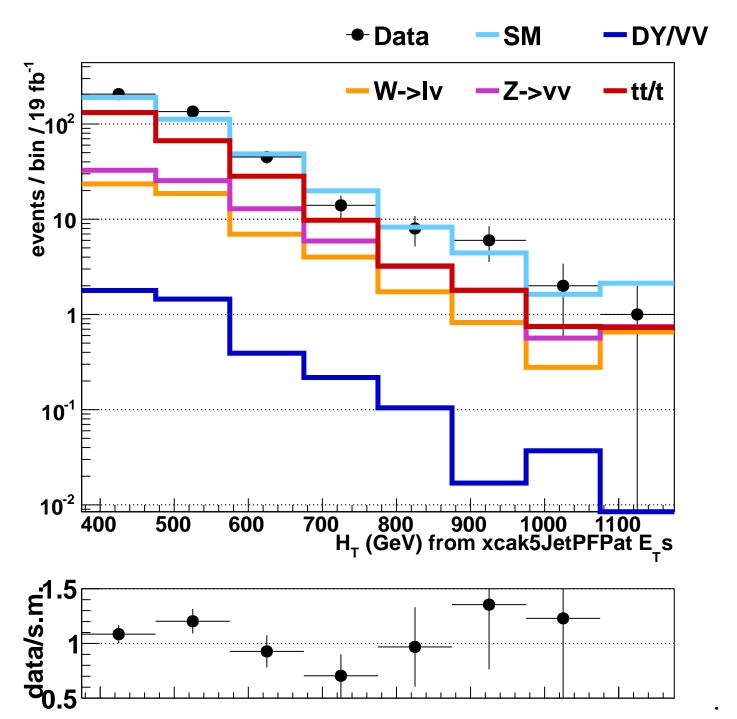


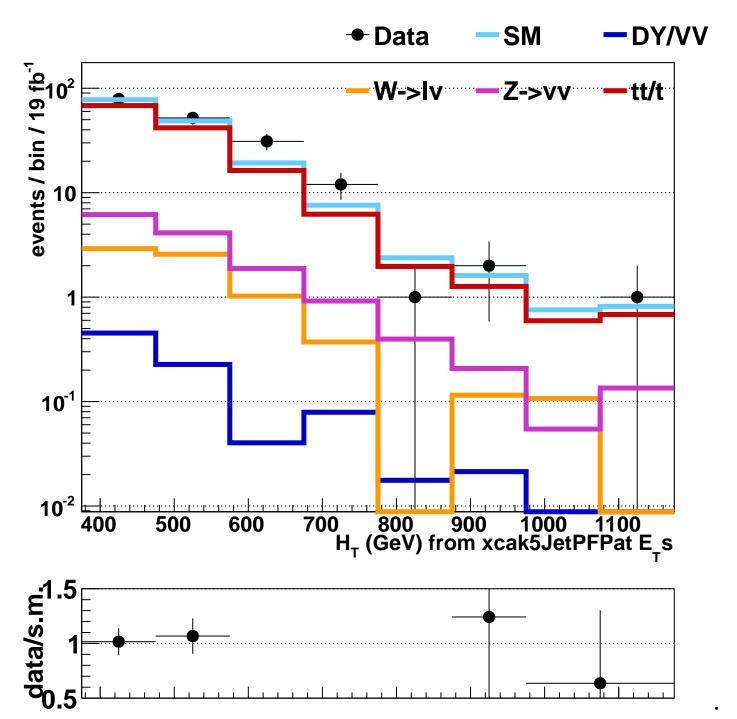


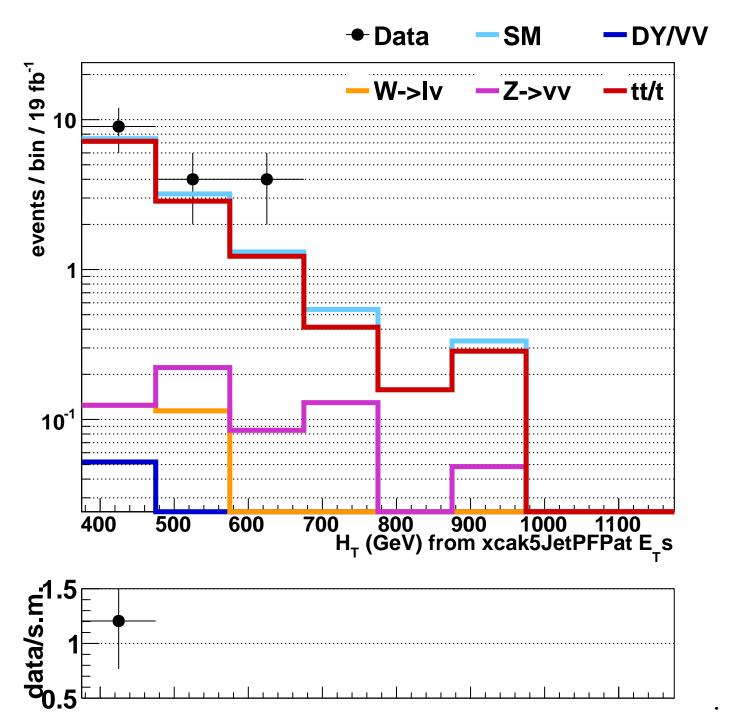


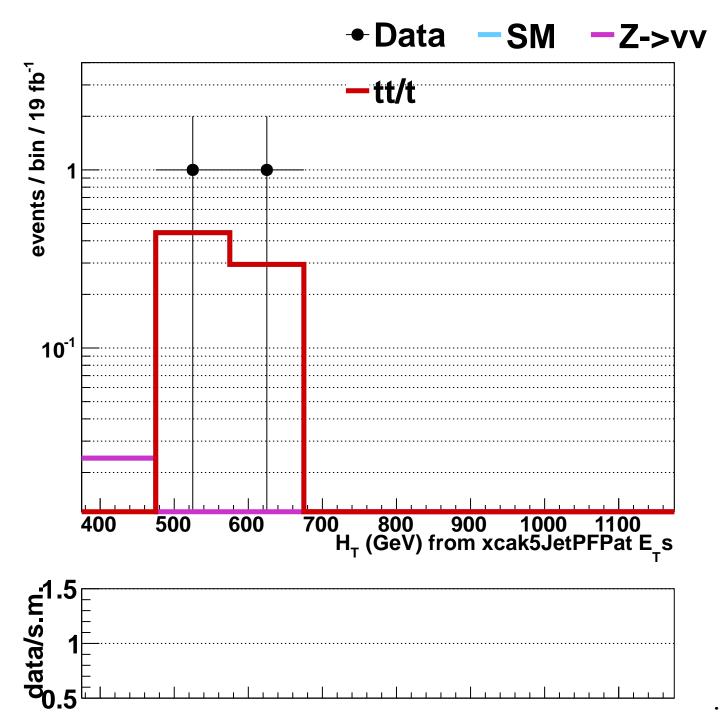


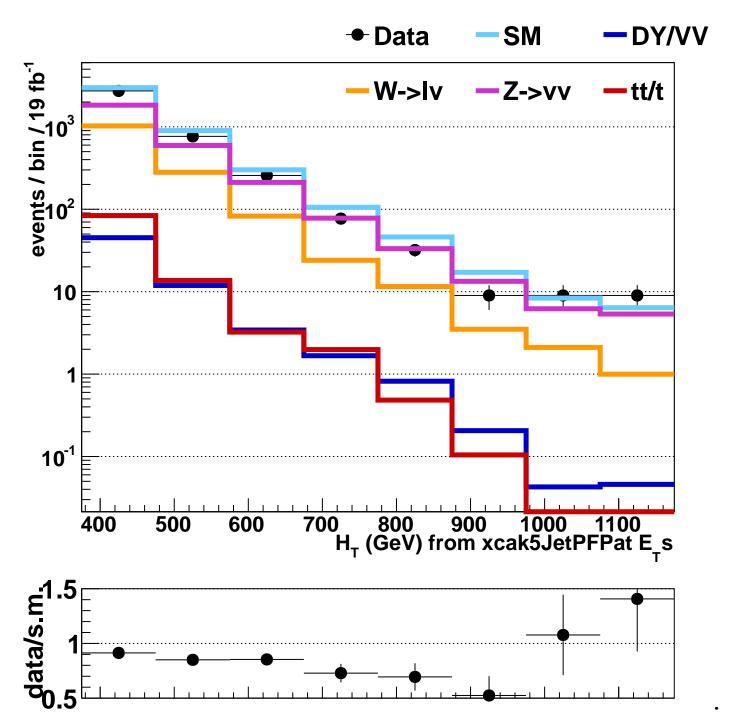


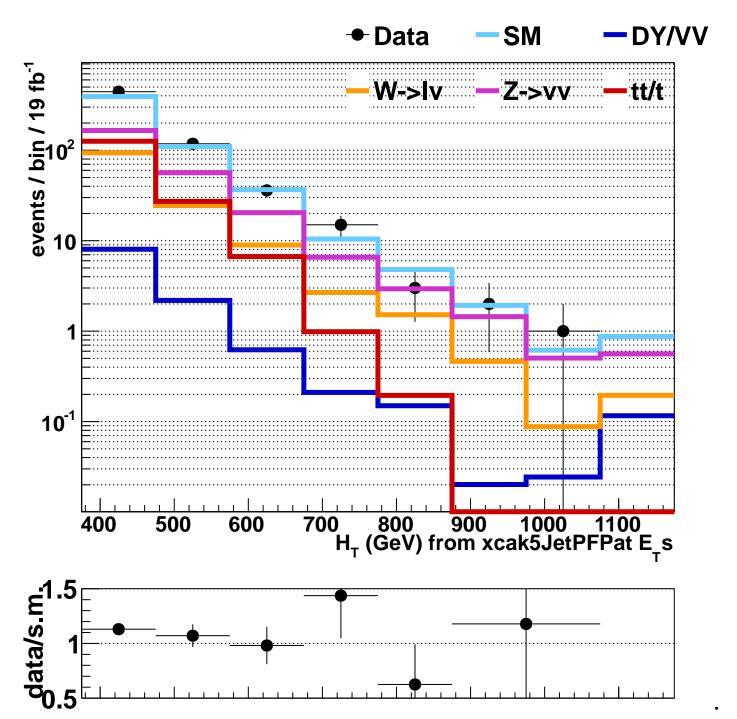


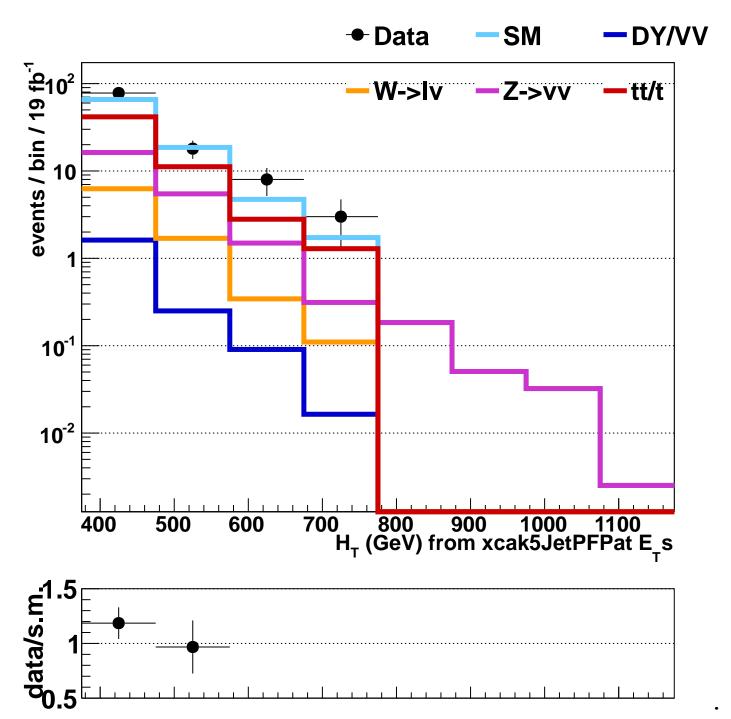


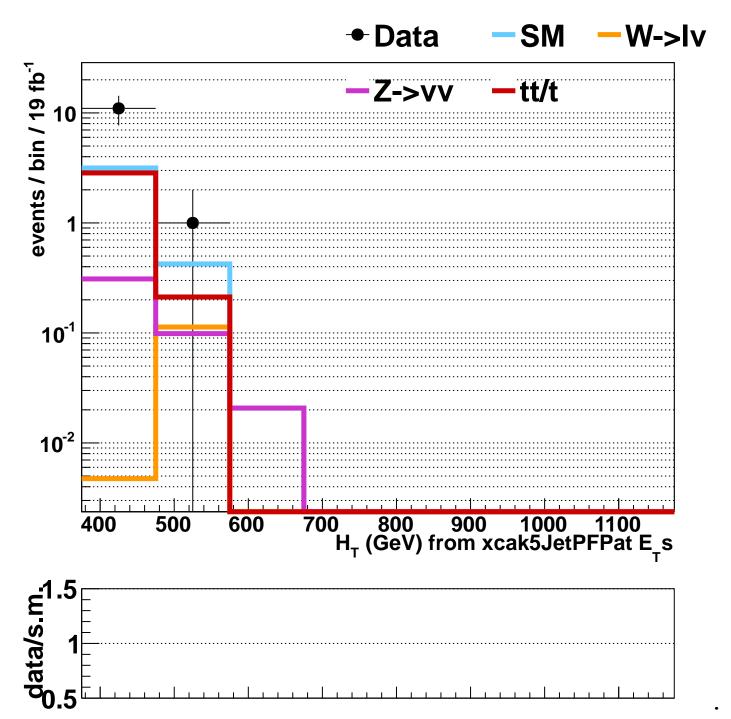












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A: B: C: D:	multiplicity multiplicity multiplicity deadEcalFilter value	<pre>0 <= muonIndicesPF <= 0 0 <= electronIndicesUnmatchedPF <= 0 0 <= photonIndicesUnmatchedPat <= 0 xcak5JetPFPat; dR>0.300 when deltaPhiStar<0.500 xcak5JetPFMhthighPtPatOvermetP4TypeIPF<=1.25</pre>				
E: F: G: H: [jet:	<pre>value</pre>					
J: K: L: M: N:	value value value value value	475.00<=xcak5JetPFSumEtPat 575.00<=xcak5JetPFSumEtPat 675.00<=xcak5JetPFSumEtPat 775.00<=xcak5JetPFSumEtPat 875.00<=xcak5JetPFSumEtPat				
O: P:	value 975.00<=xcak5JetPFSumEtPat value 1075.00<=xcak5JetPFSumEtPat					
	Data	SM	DY/VV	W->1v	Z->vv	
y:	6905535	9.427(4)e+5	4.895(6)e+4	2.473(2)e+5	8.736(5)e+4	
A: B: C: D:	6880817 6879619 6879103 1312306 460848	7.843(4)e+5 7.838(4)e+5 7.837(4)e+5 2.351(2)e+5 1.404(1)e+5	3.433(6)e+4 3.430(6)e+4 3.429(6)e+4 9.29(3)e+3 4.80(2)e+3	1.572(2)e+5 1.571(2)e+5 1.570(2)e+5 6.33(1)e+4 4.752(9)e+4	8.735(5)e+4 8.734(5)e+4 8.733(5)e+4 4.425(4)e+4 3.748(4)e+4	
E: F: G: H: [jet	431473 6313 6313 6297 SumPlots1]	1.399(1)e+5 6.64(2)e+3 -	4.78(2)e+3 102(3) - -	4.737(9)e+4 1.98(2)e+3 - -	3.737(4)e+4 3.71(1)e+3 - -	
J: K: L: M:	2262 868 328 141 69	2.44(1)e+3 931(8) 373(5) 162(3) 73(2)	35(2) 12.9(10) 5.7(6) 2.4(4) 1.0(2)	663(9) 231(5) 87(3) 37(2) 15(1)	1429(6) 575(4) 239(2) 107(2) 48(1)	
O: P:	35 17	35(1) 17(1)	0.6(2) 0.4(1)	7.0(8) 3.0(5)	23.3(8) 11.3(5)	
events / 19 fb^{-1}						