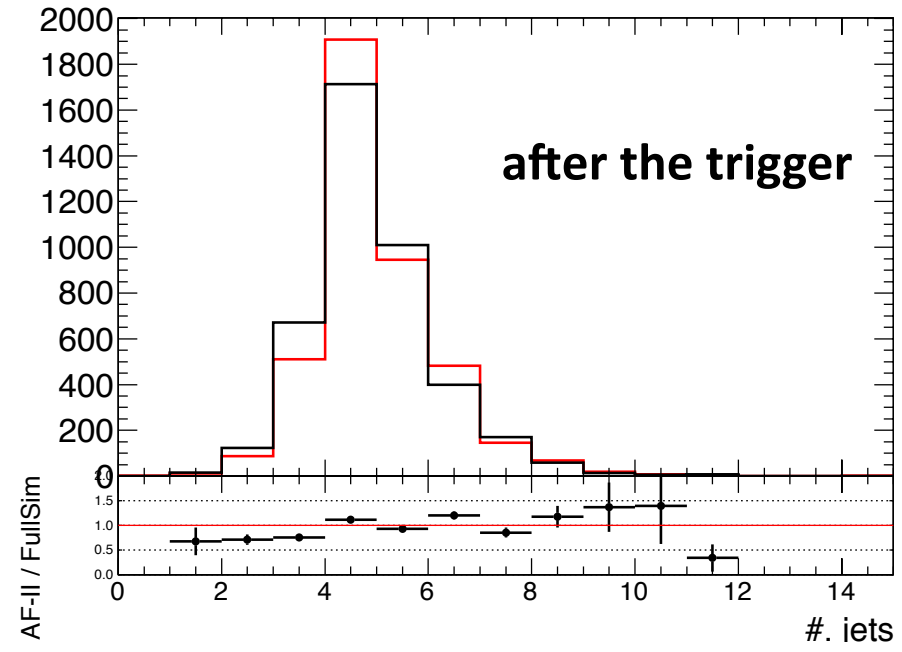
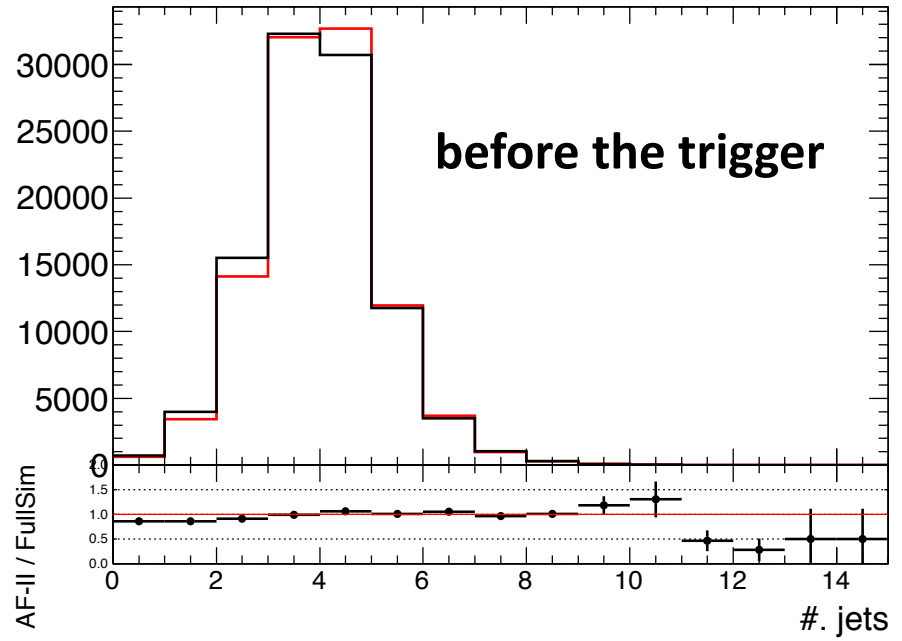
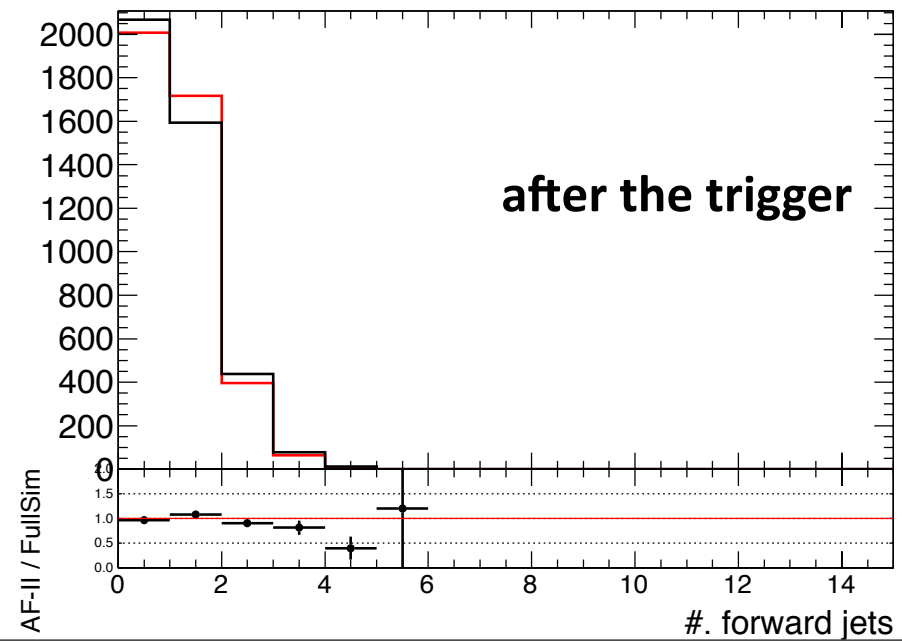
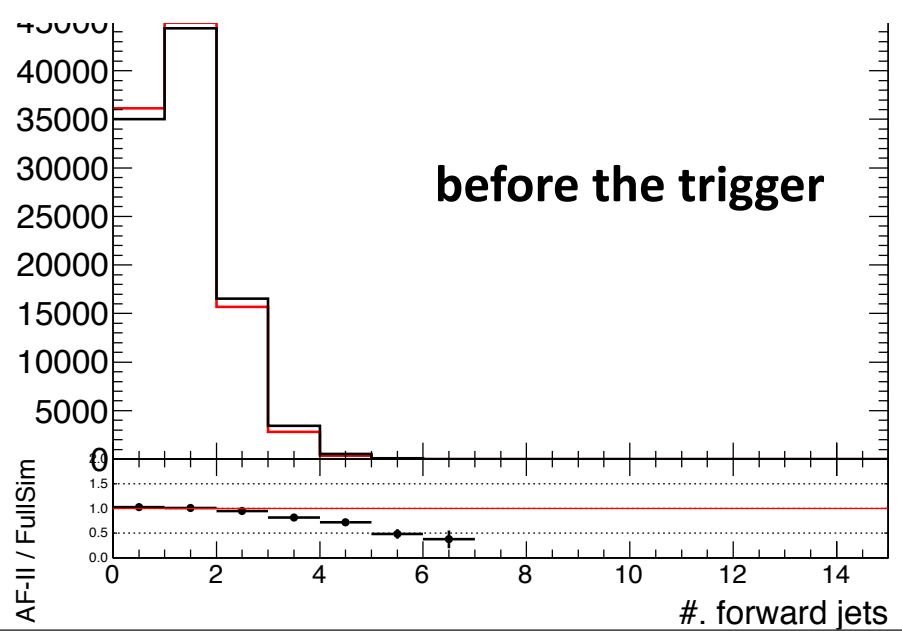
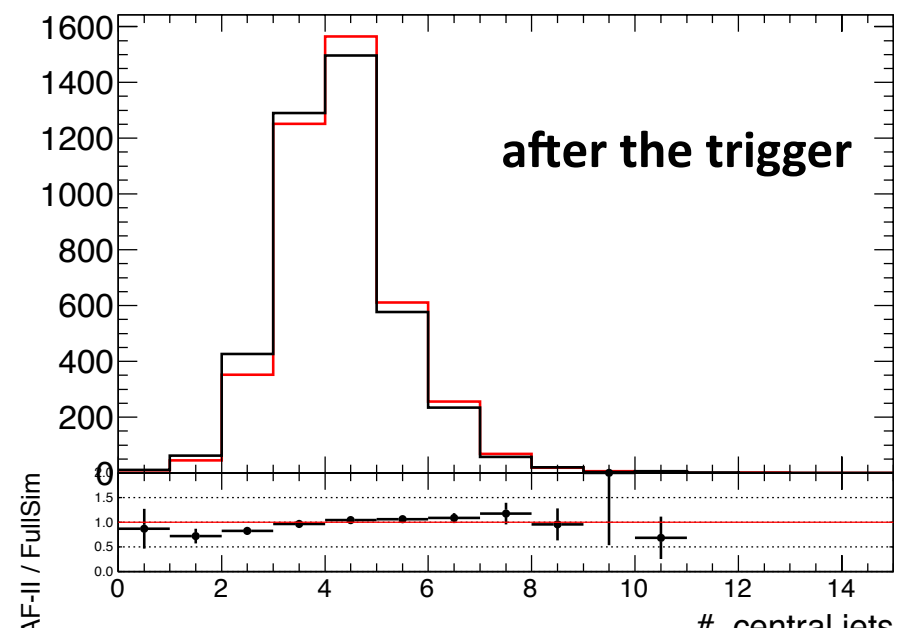
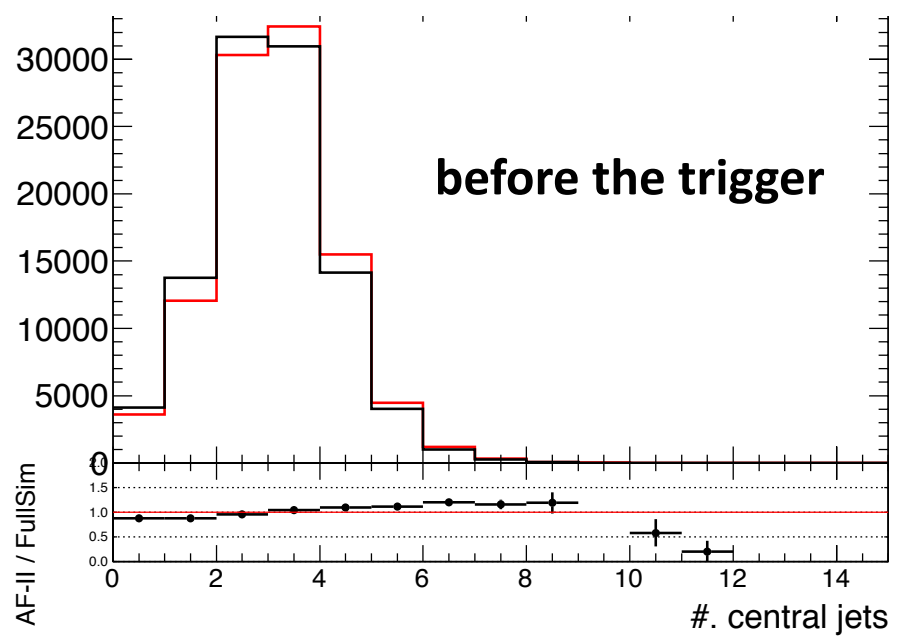


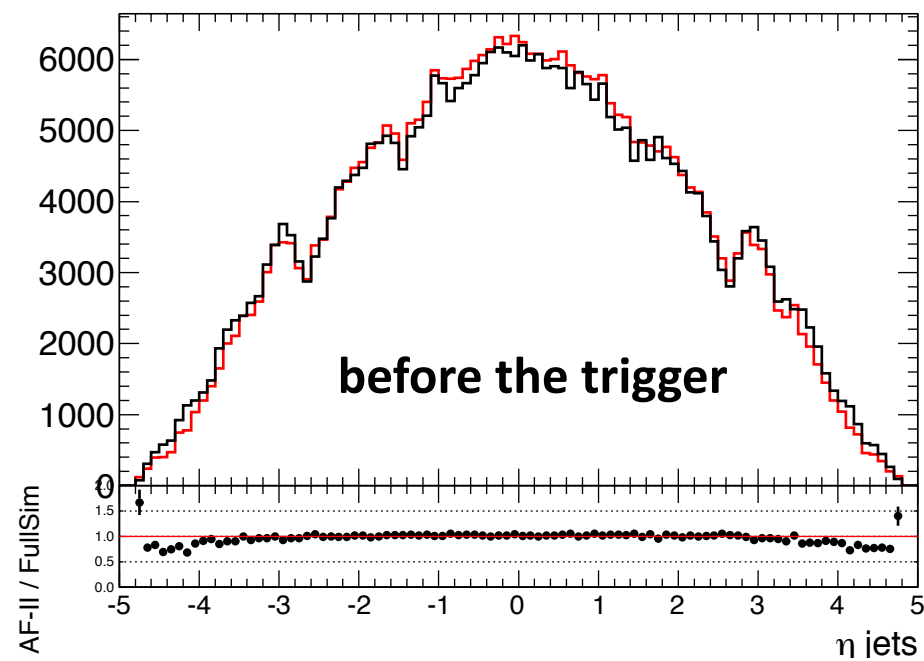
VBF H(125) -> bb sample

number of jets (AntiKt4TopoEM, calibrated, good quality standard requirements, overlap removals, $|j_{\text{vfb}}| > 0.5$, $p_T > 20$ GeV)



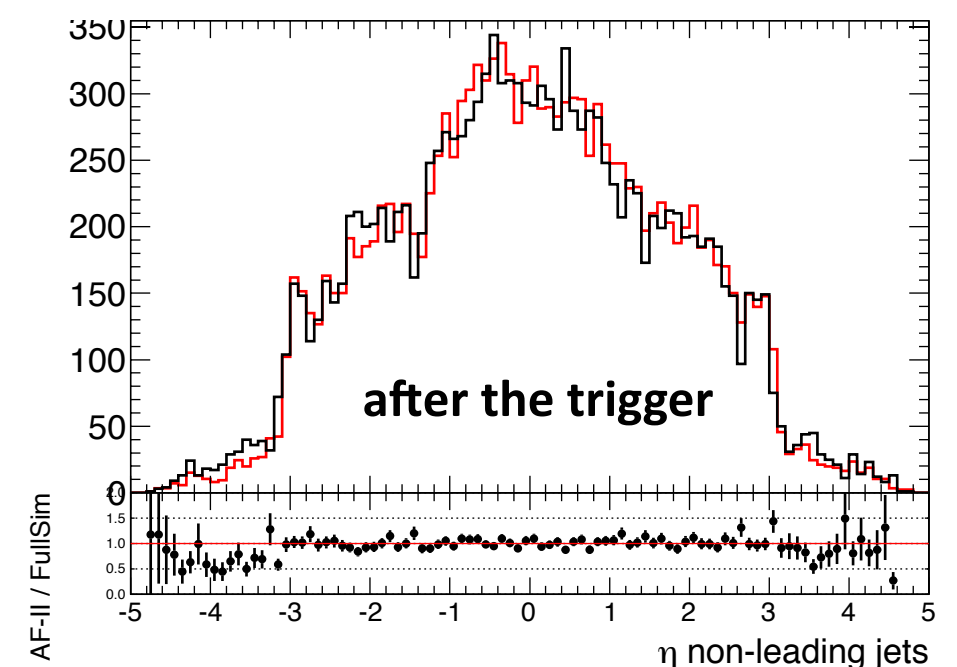
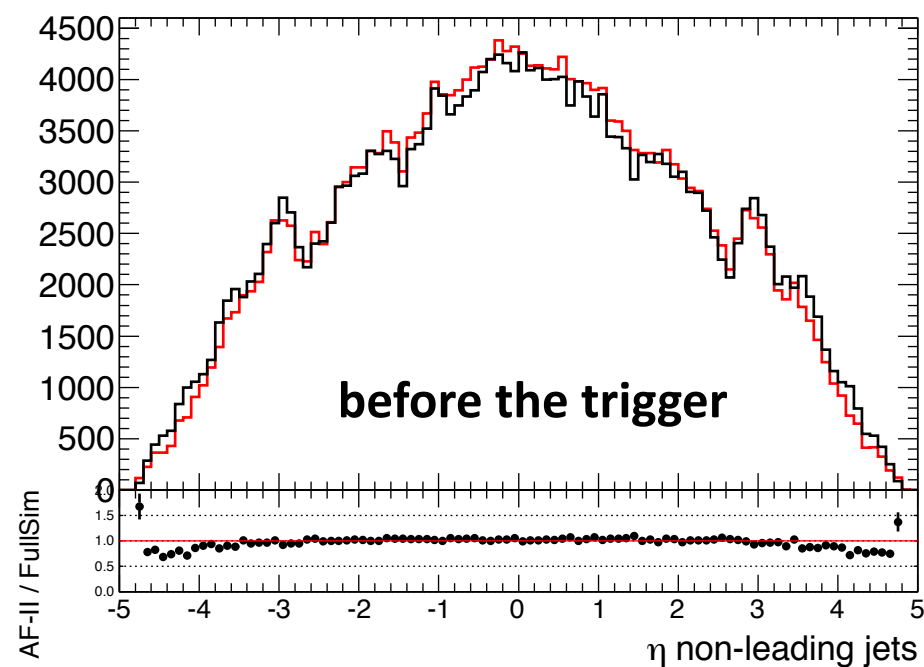
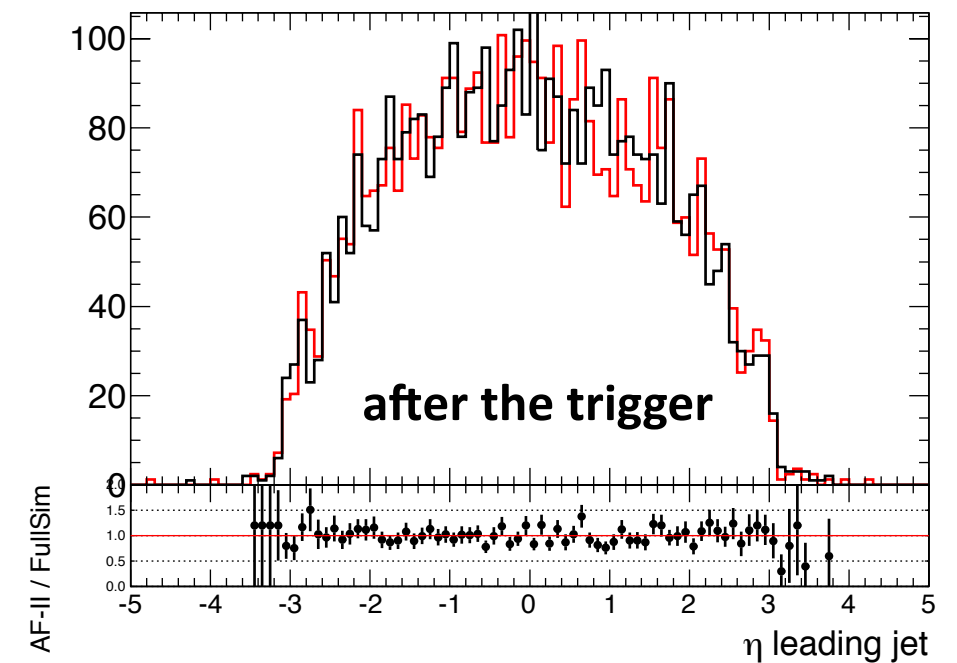
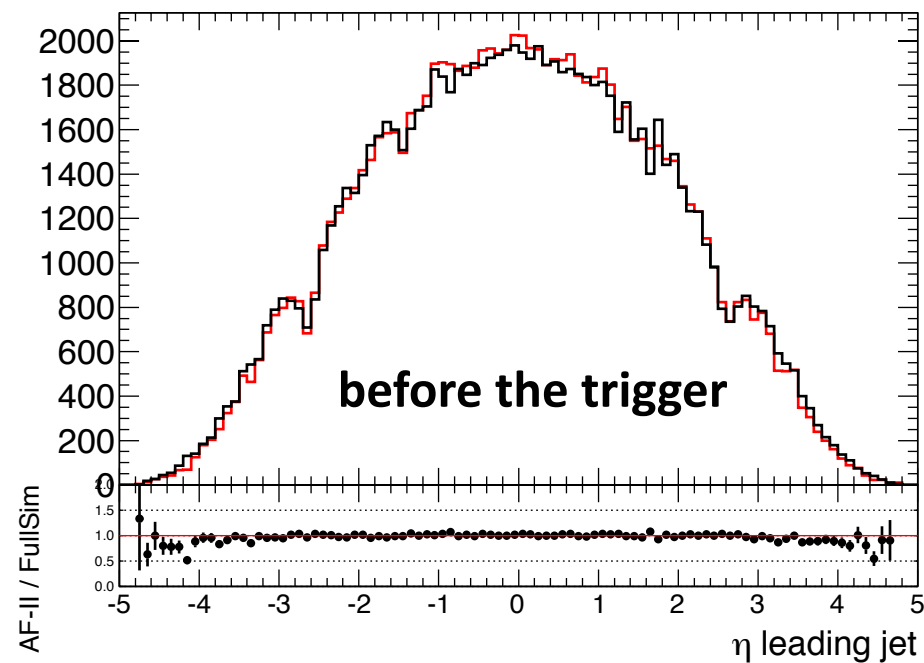
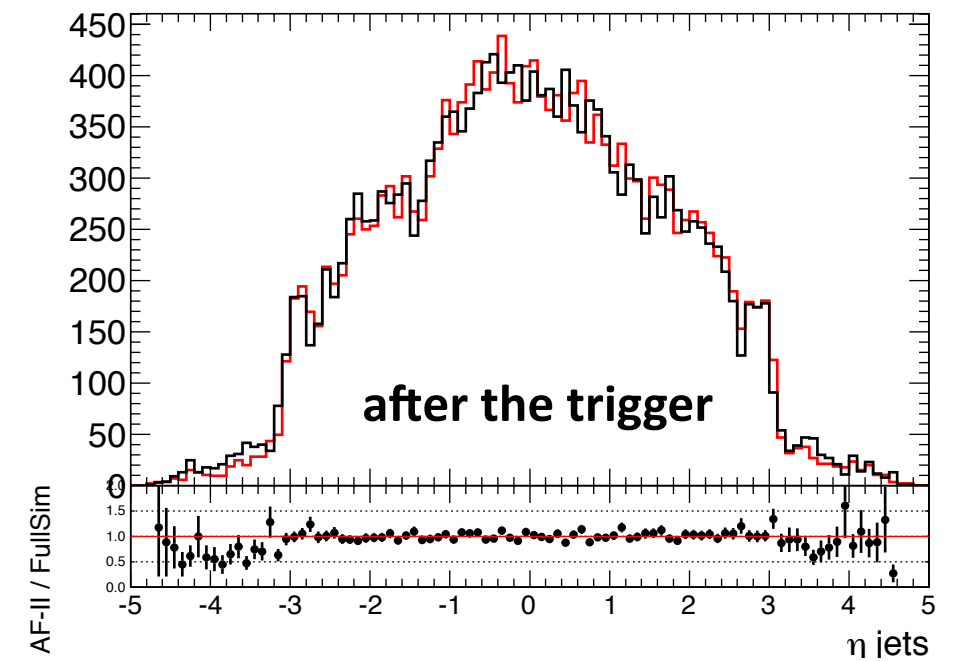
AF-II
FullSim

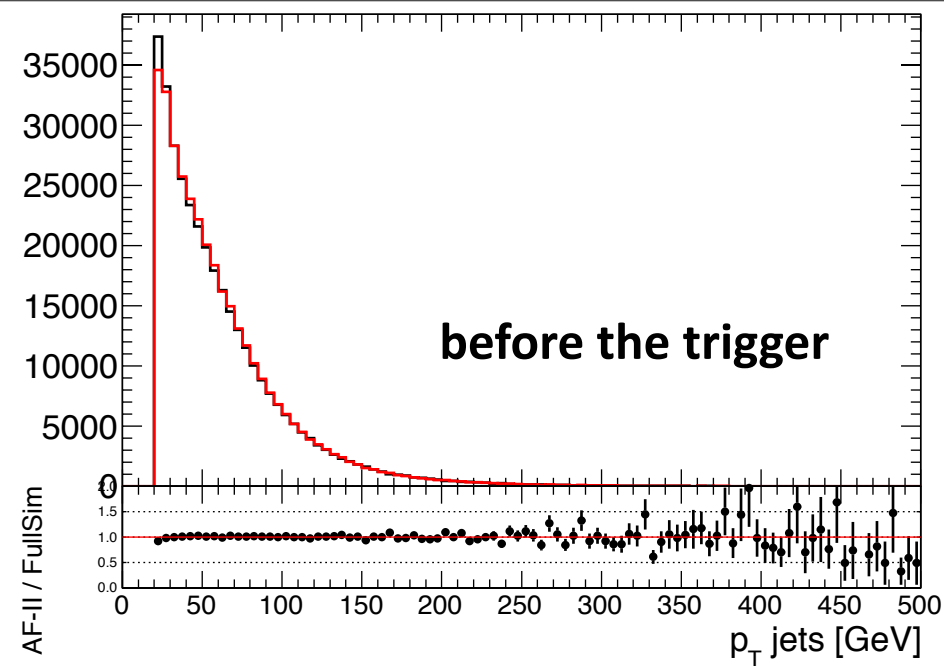




η of jets

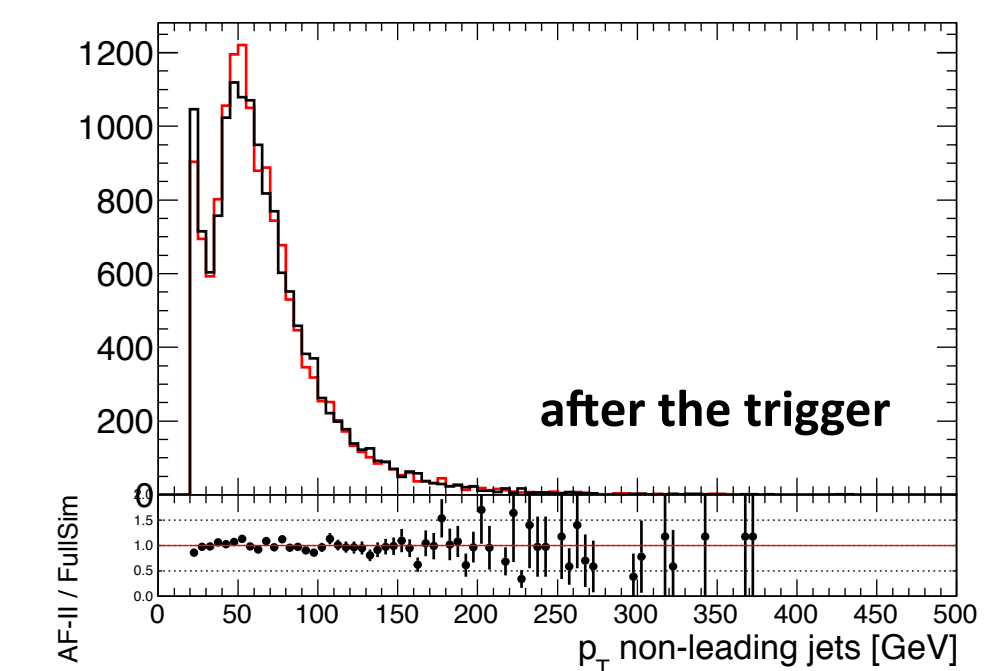
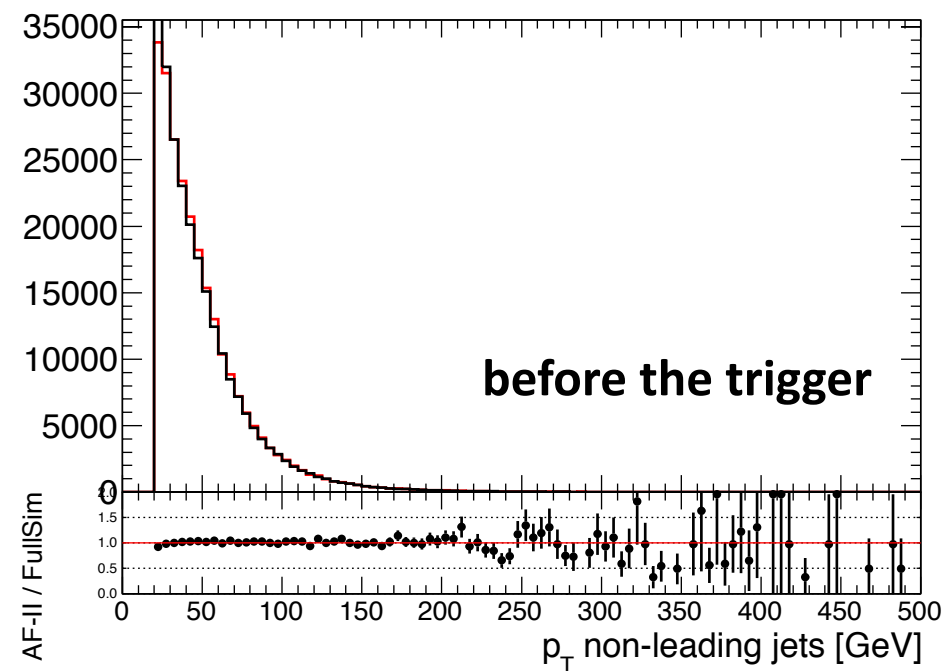
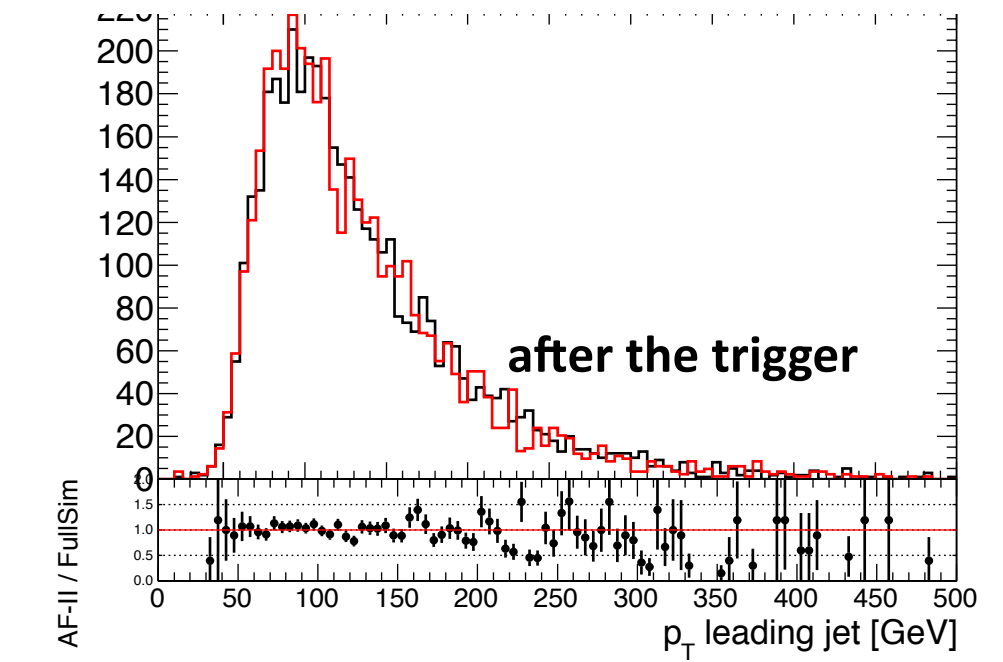
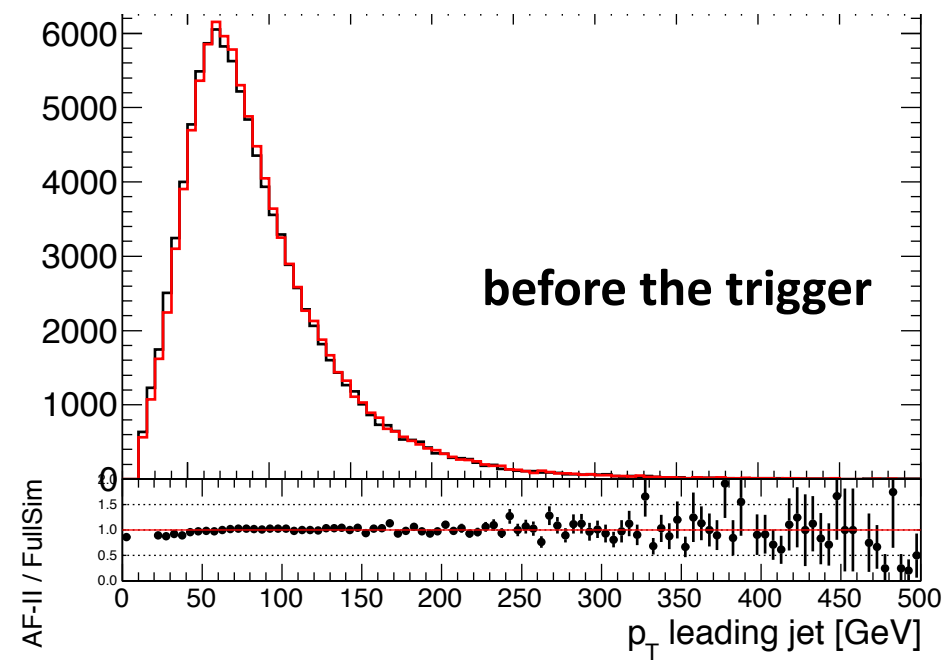
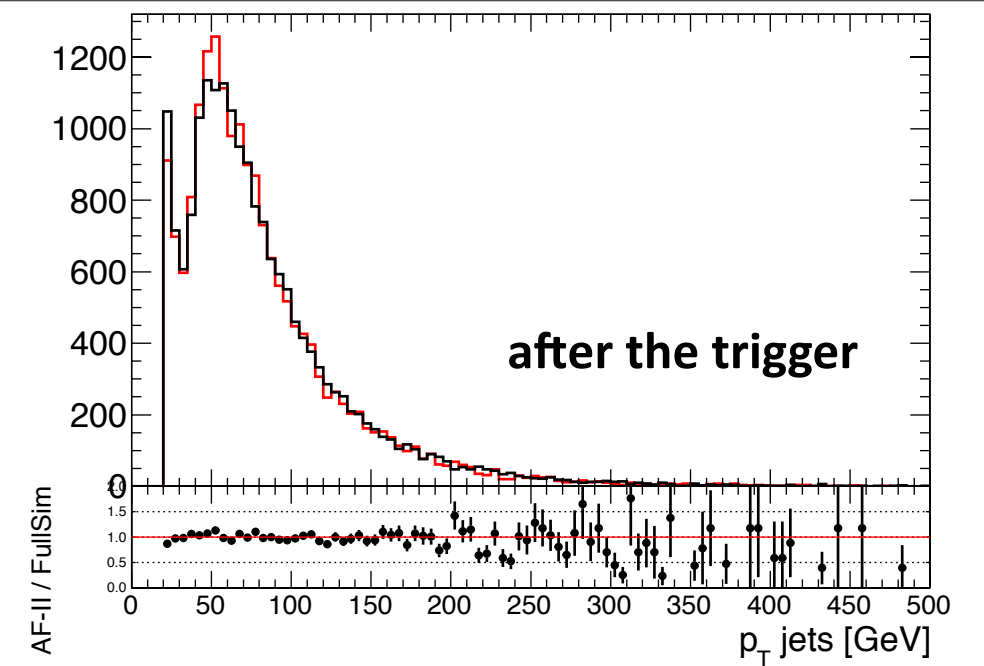
AF-II
FullSim





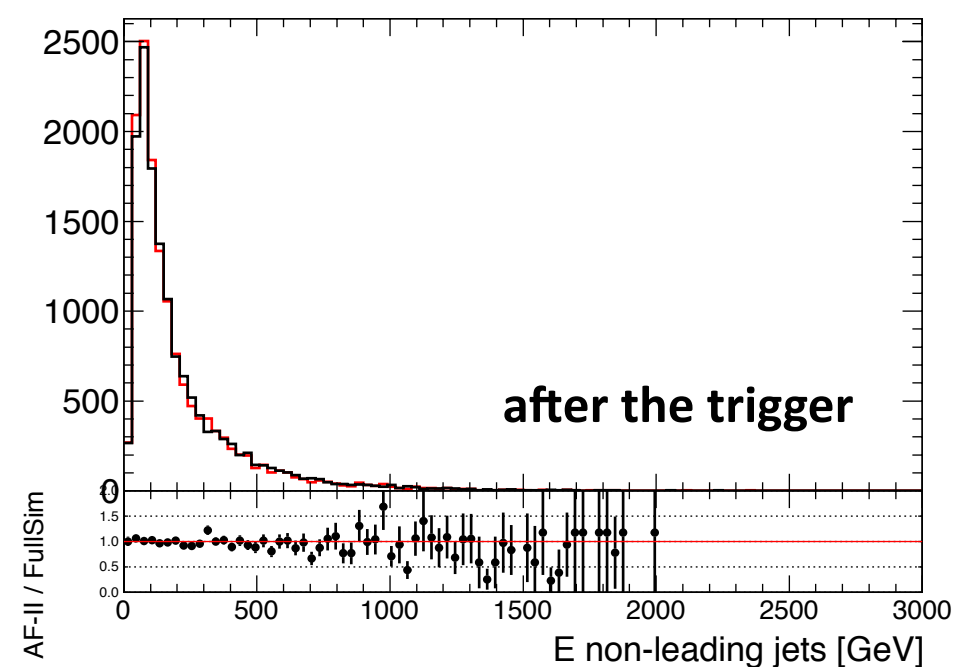
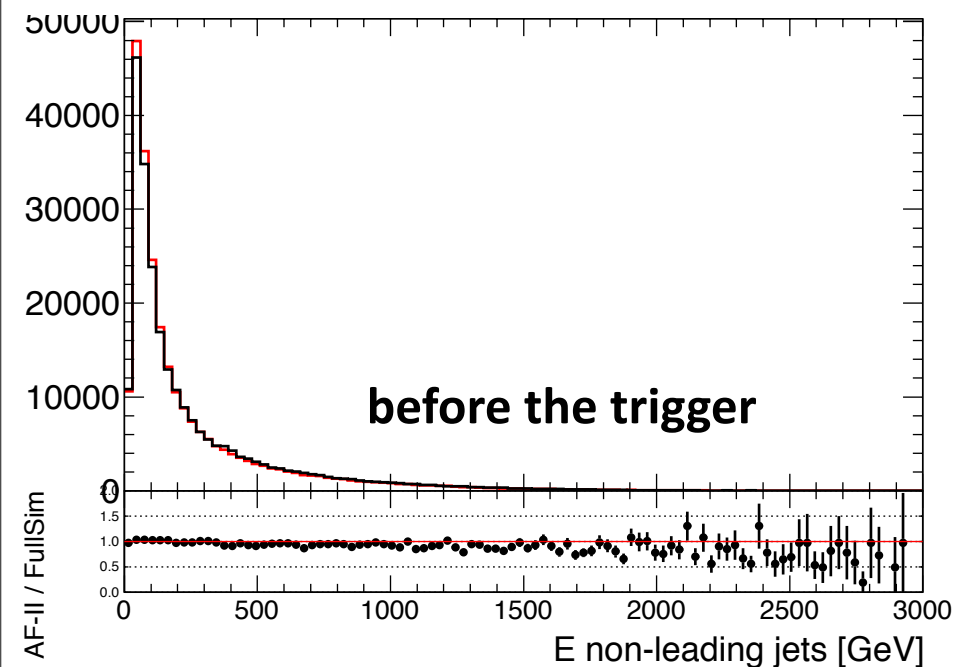
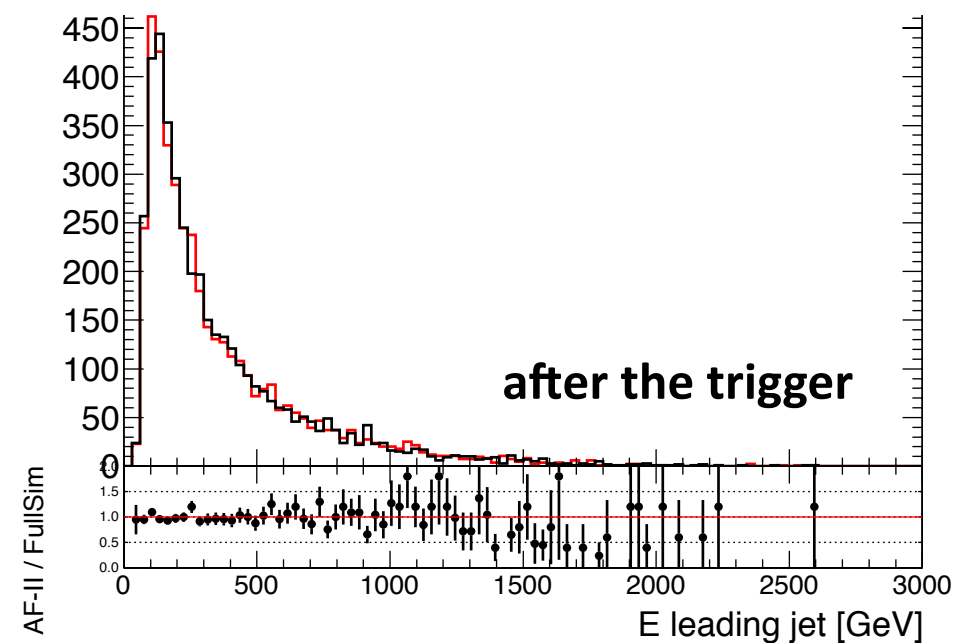
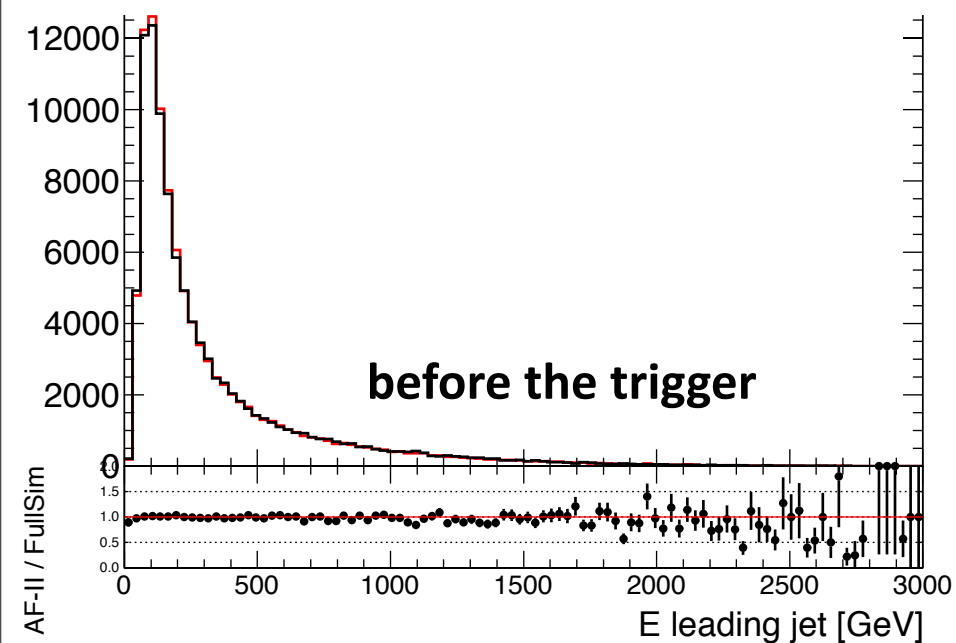
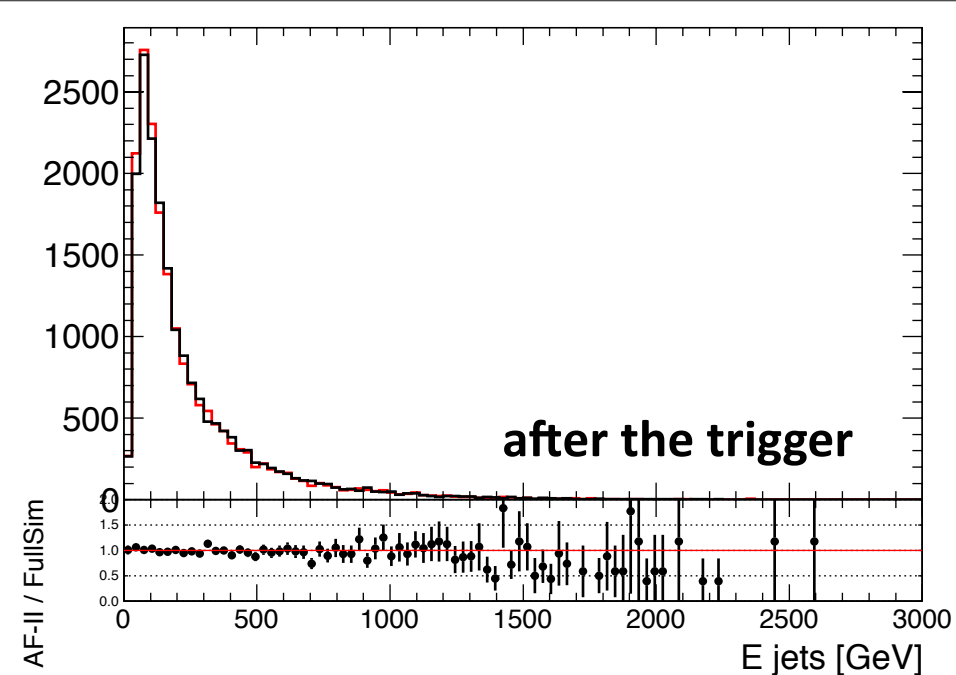
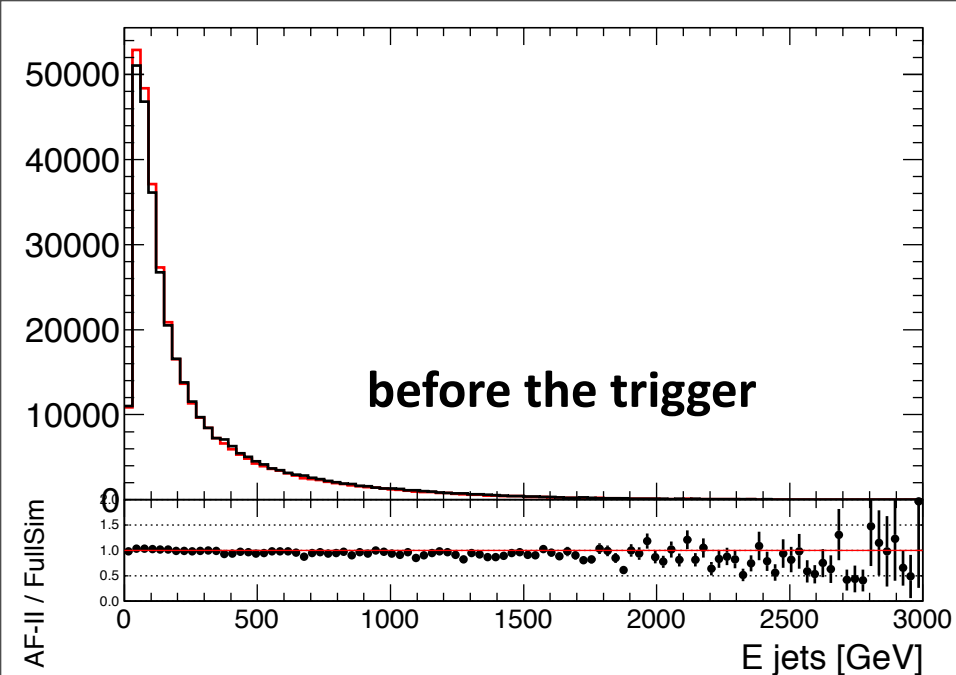
p_T of jets

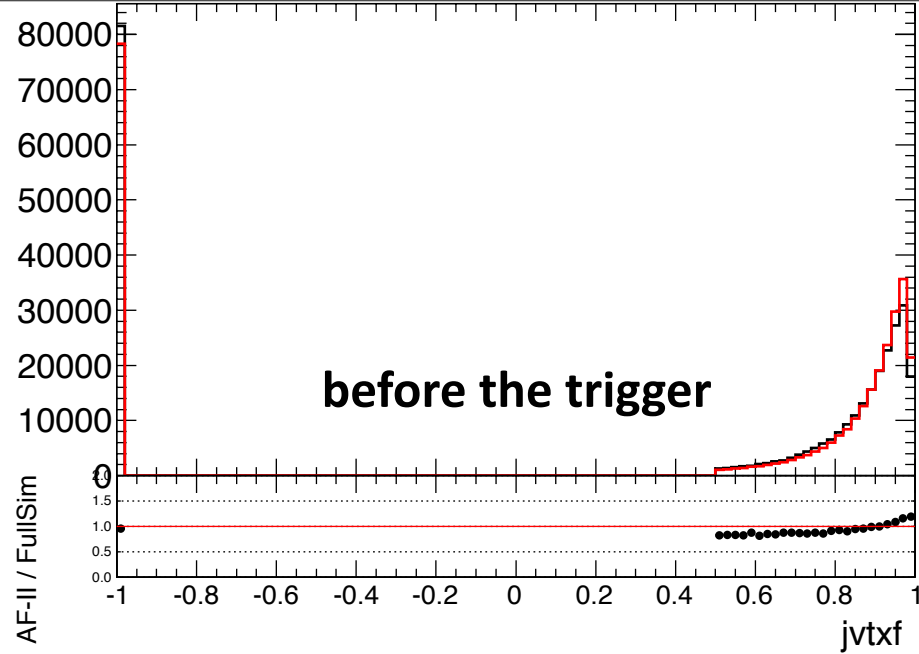
AF-II
FullSim



Energy of jets

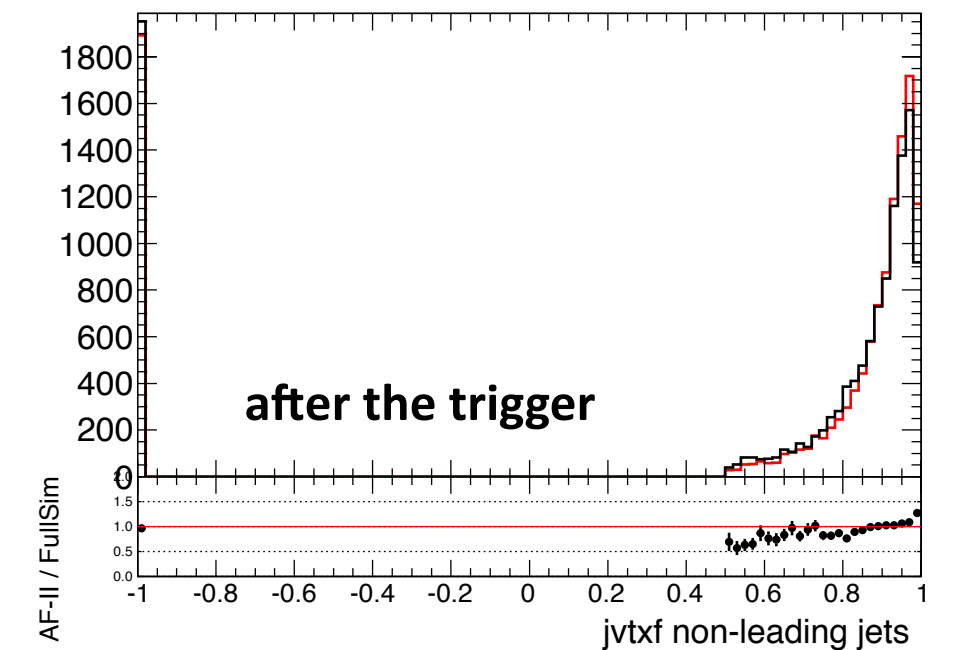
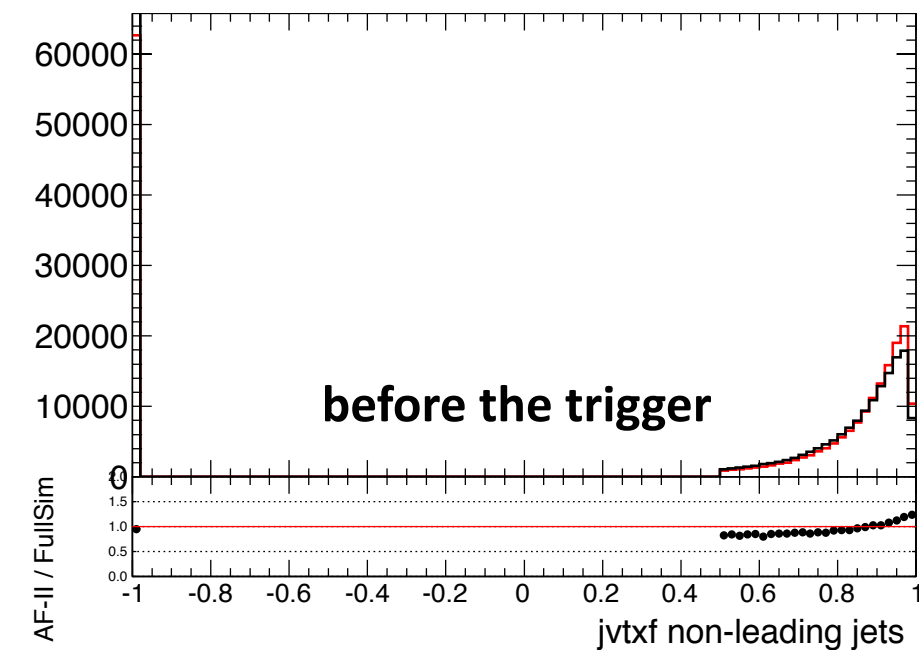
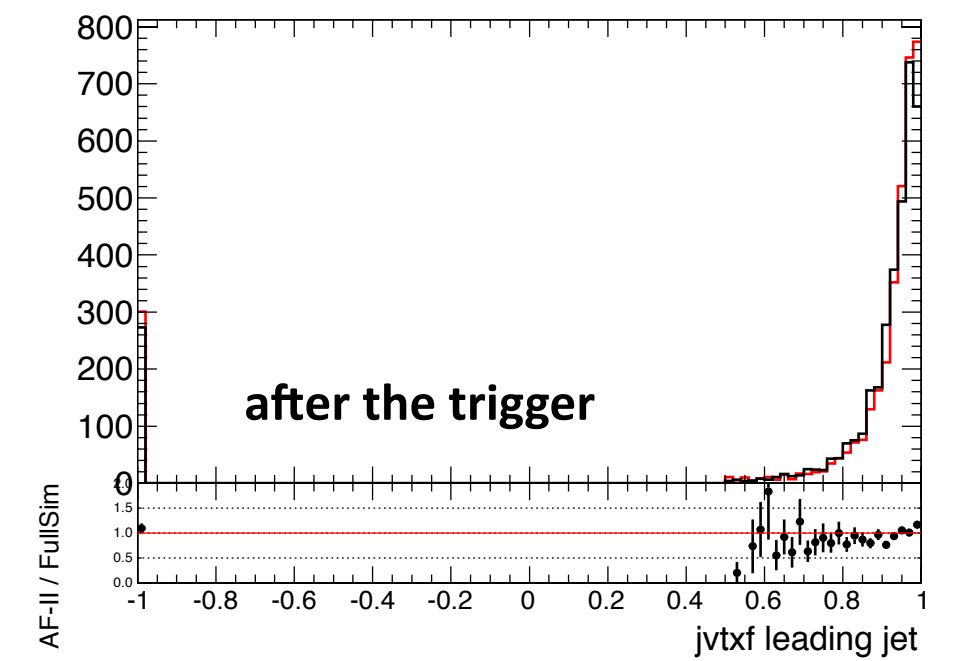
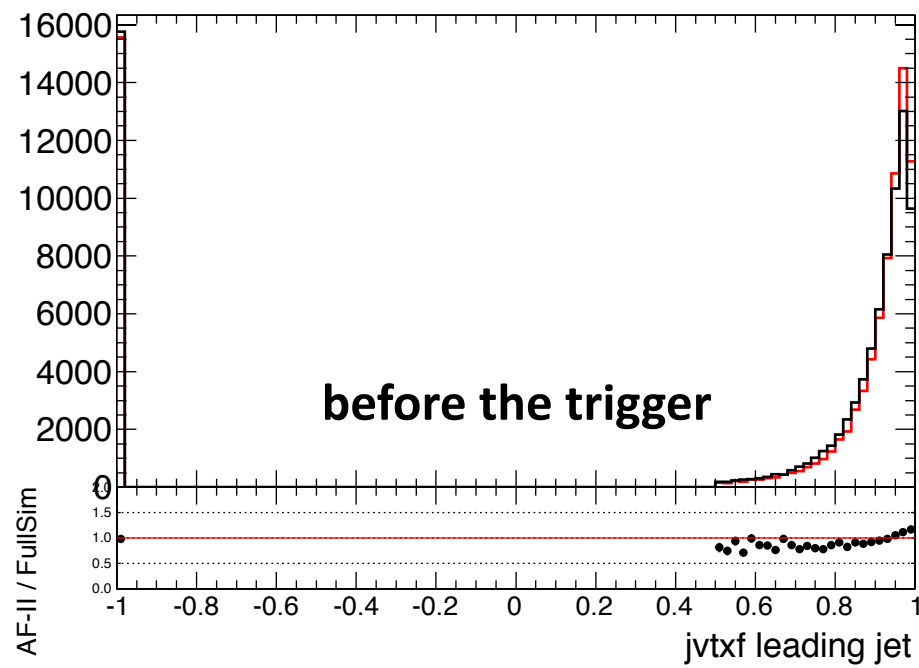
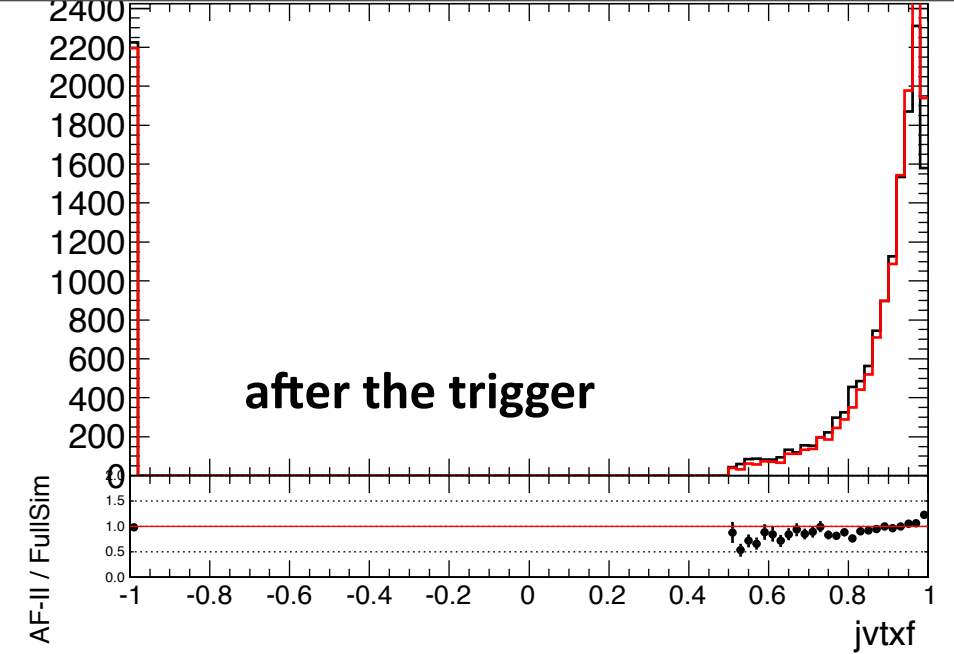
AF-II
FullSim





JVF of jets

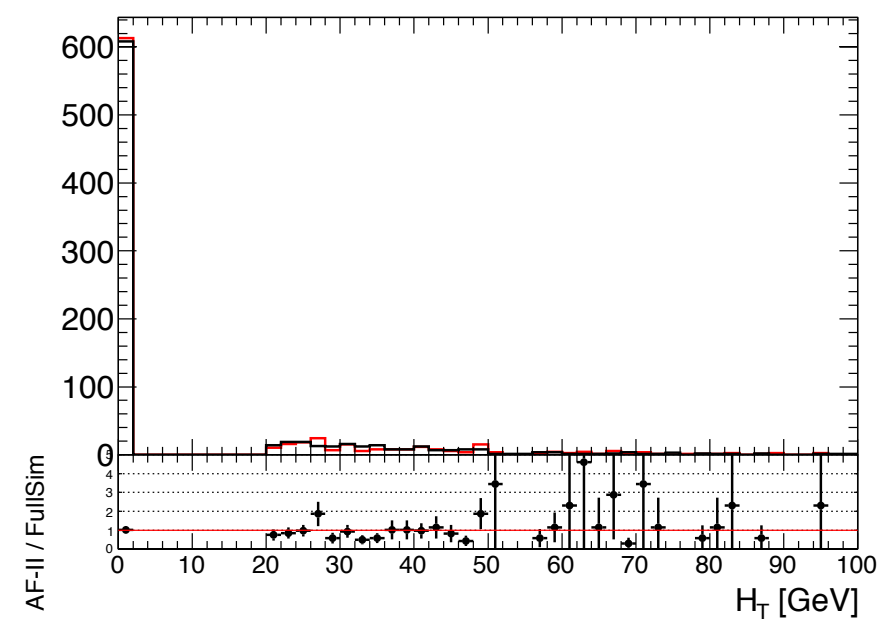
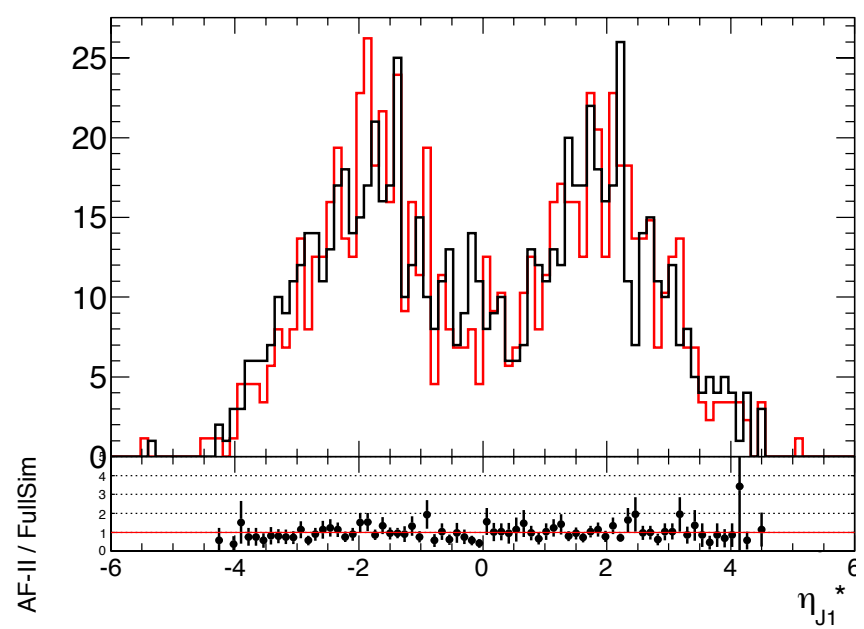
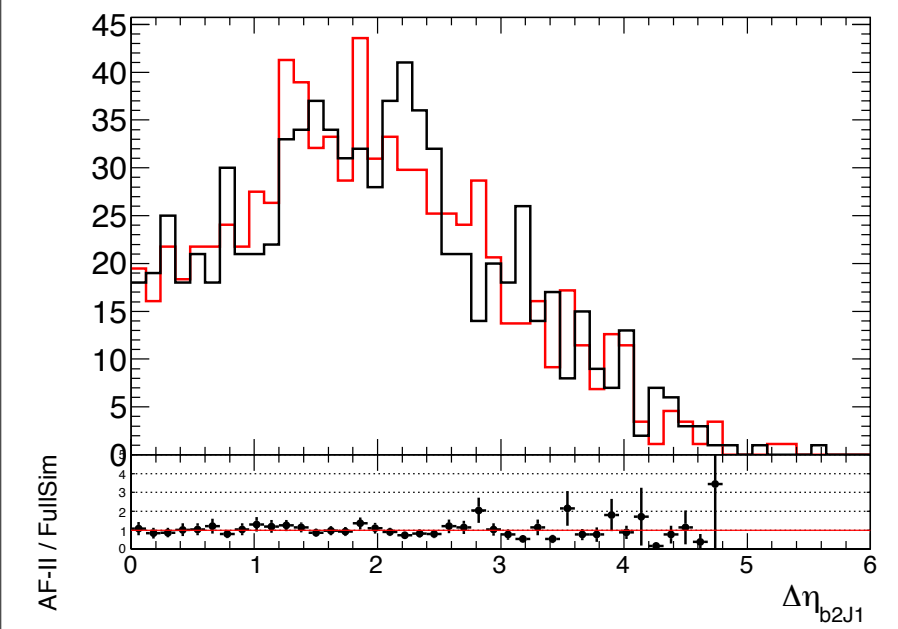
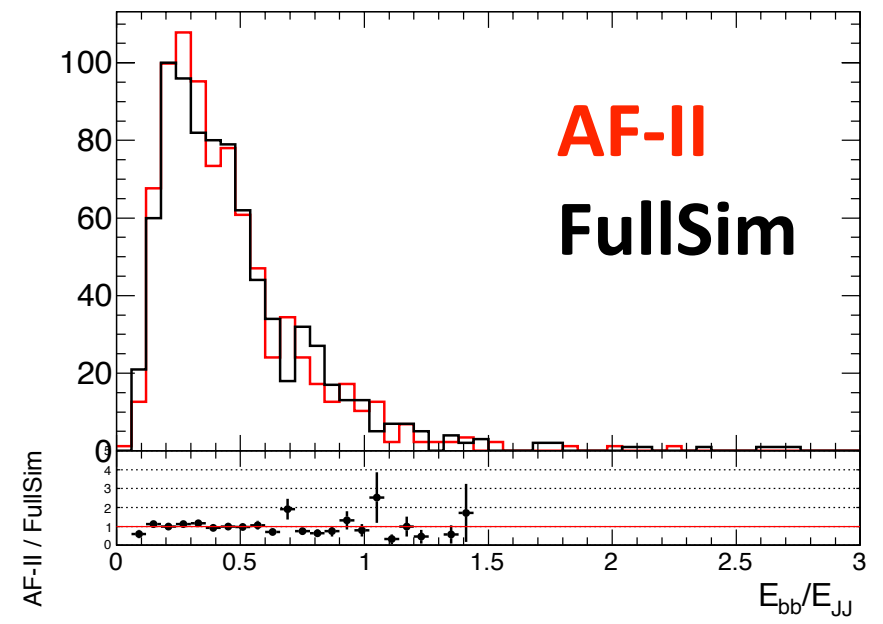
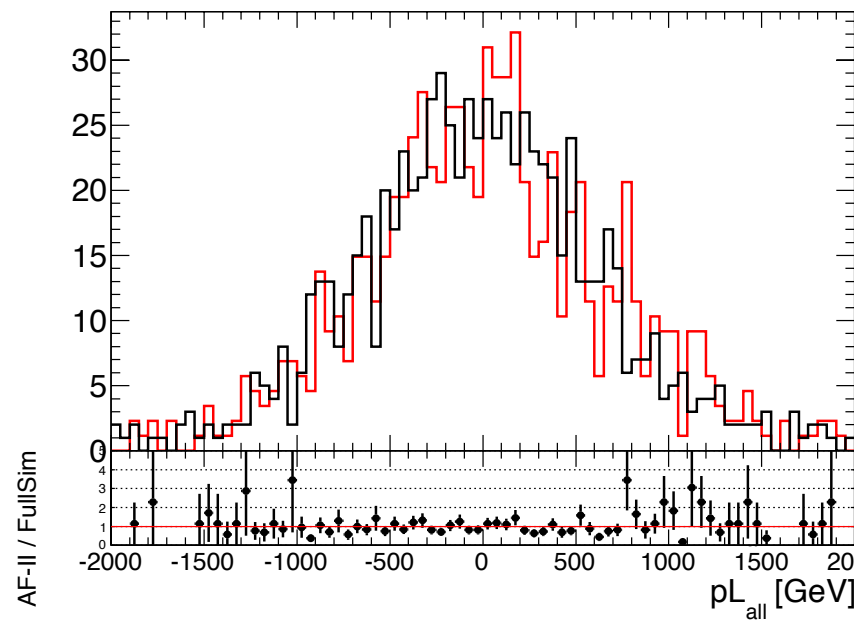
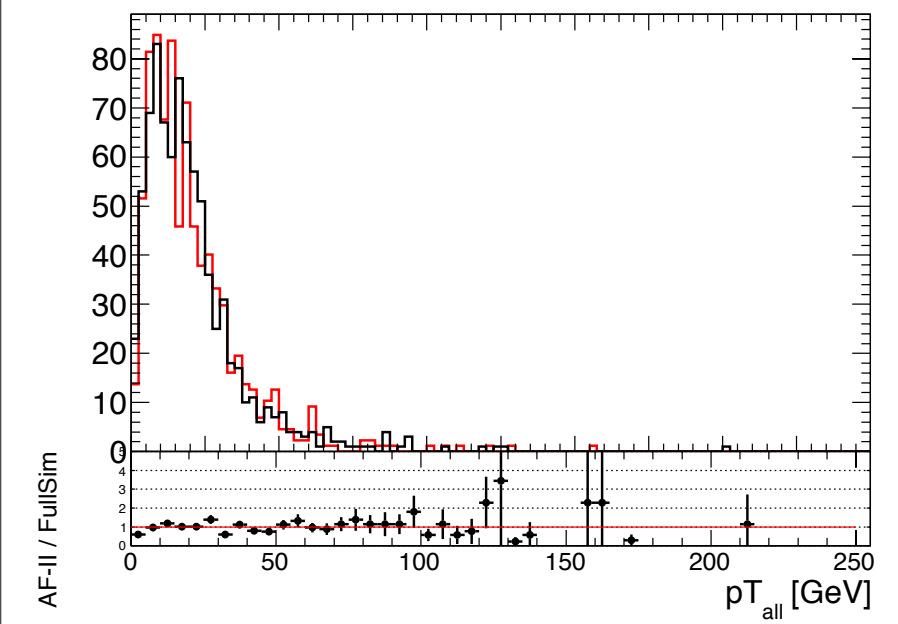
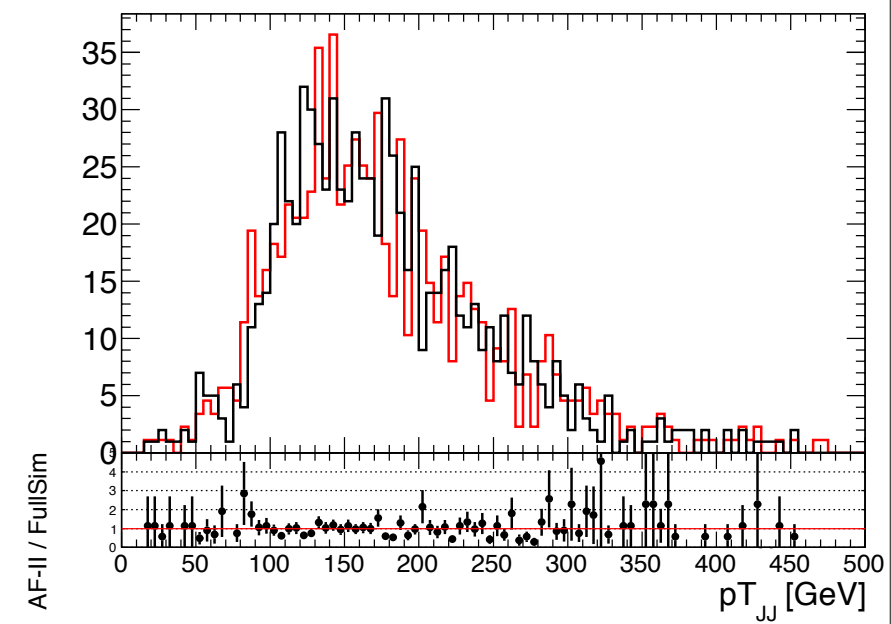
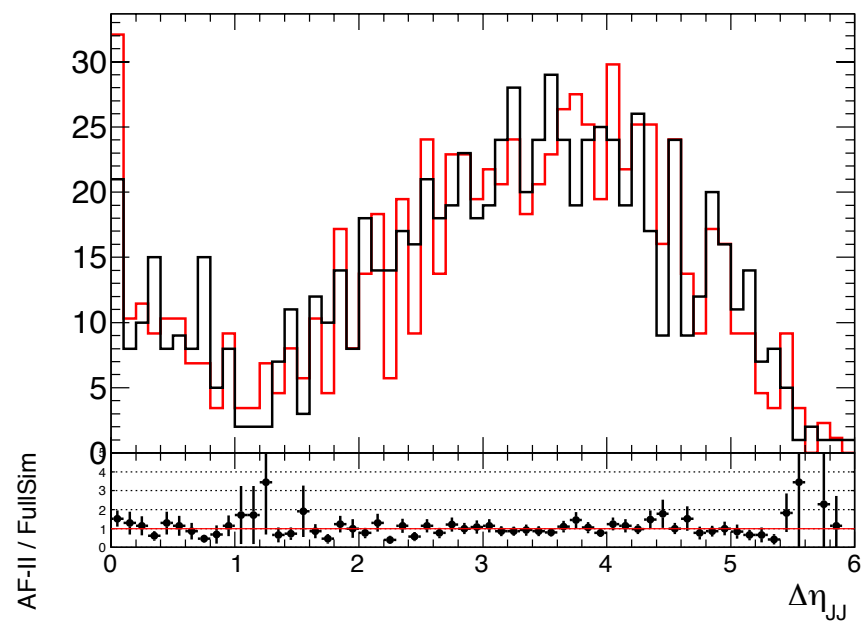
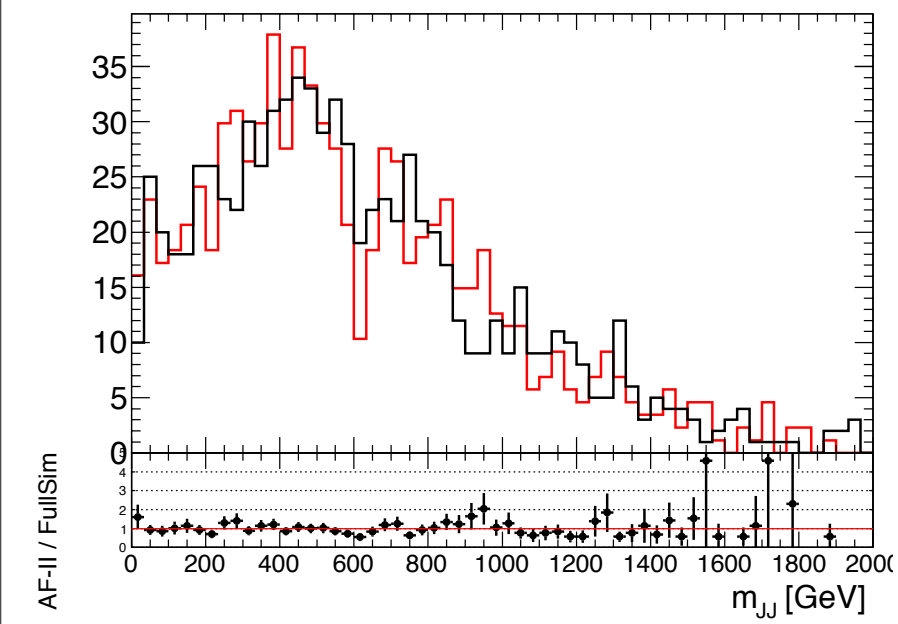
AF-II
FullSim

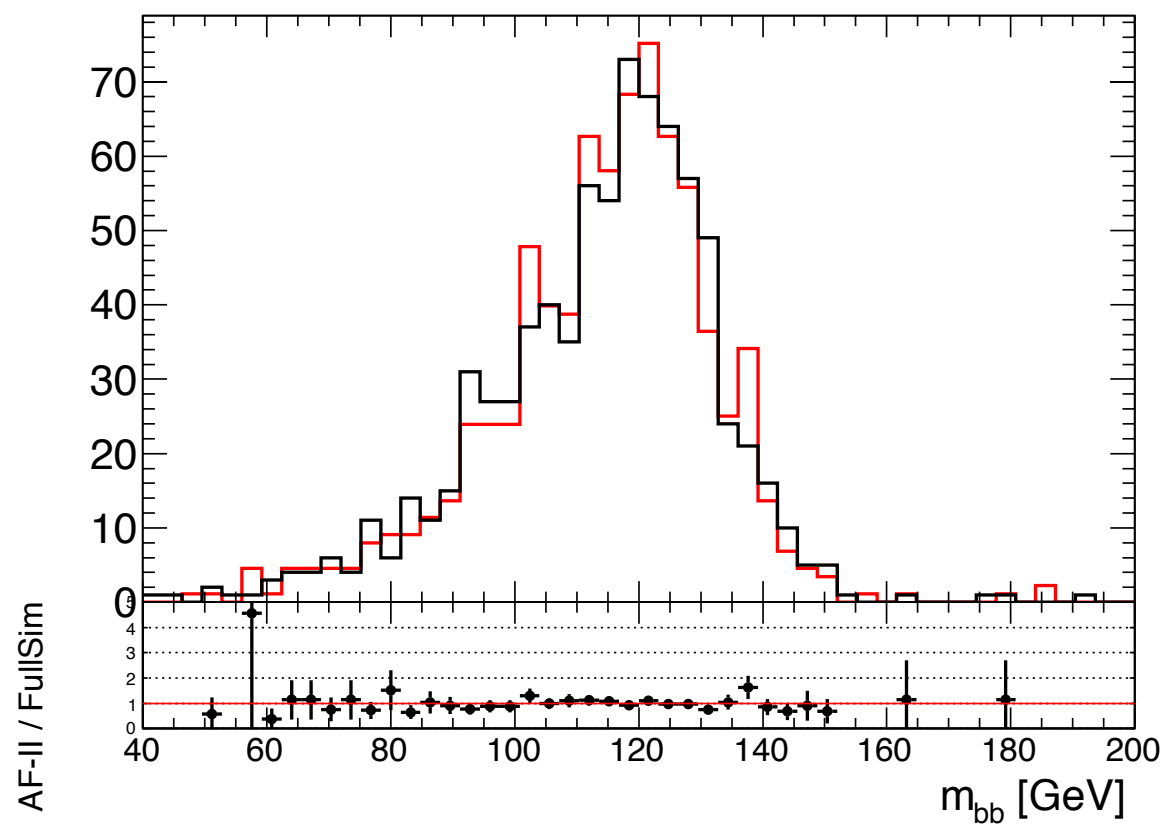


AF-II

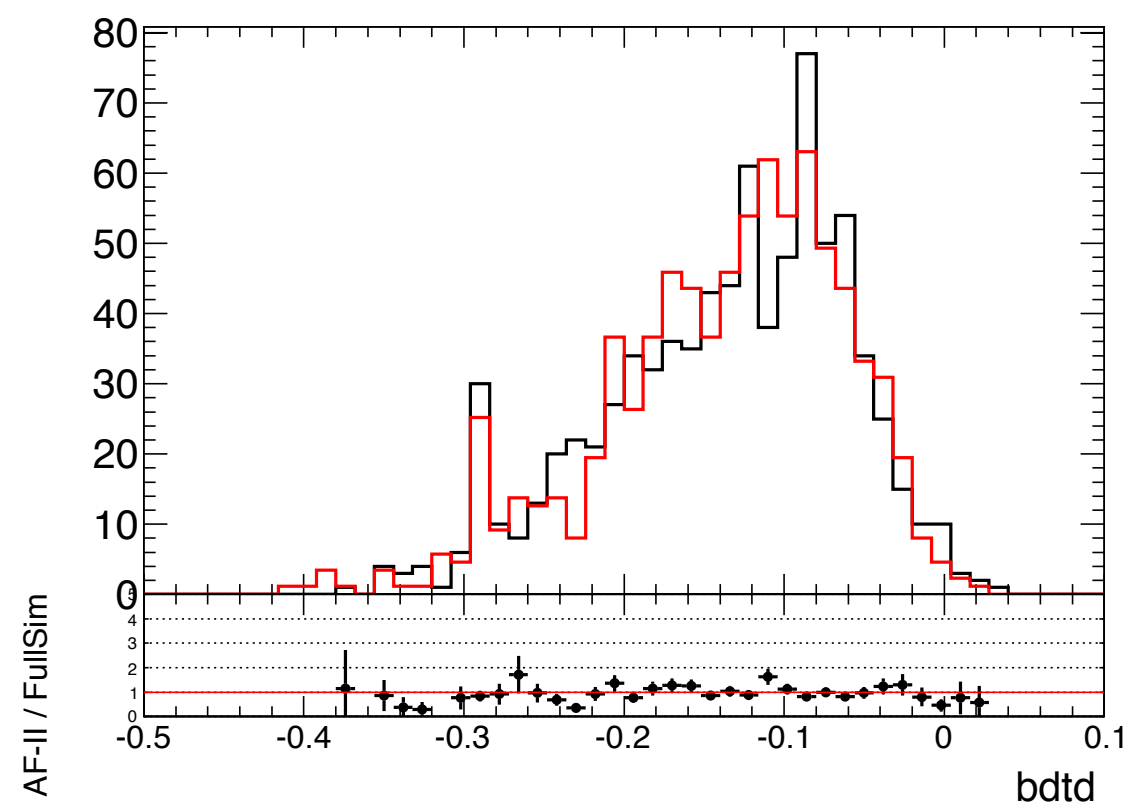
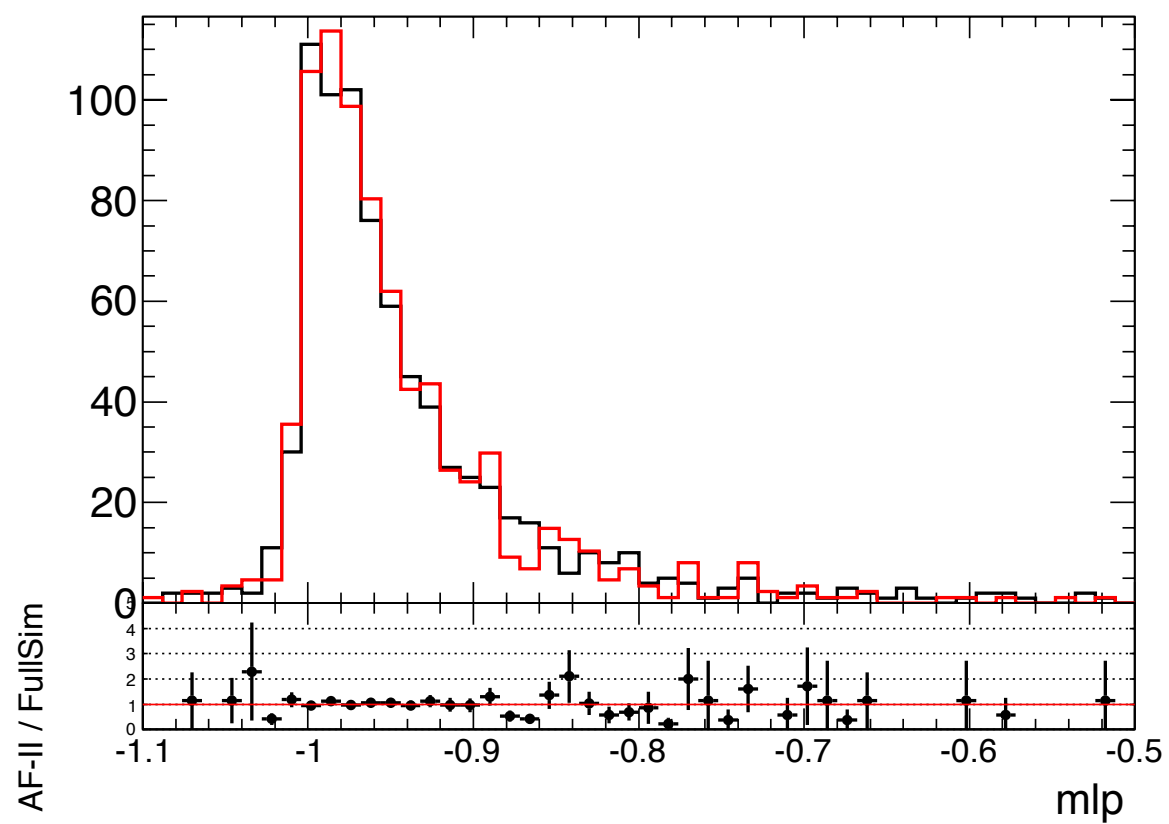
FullSim

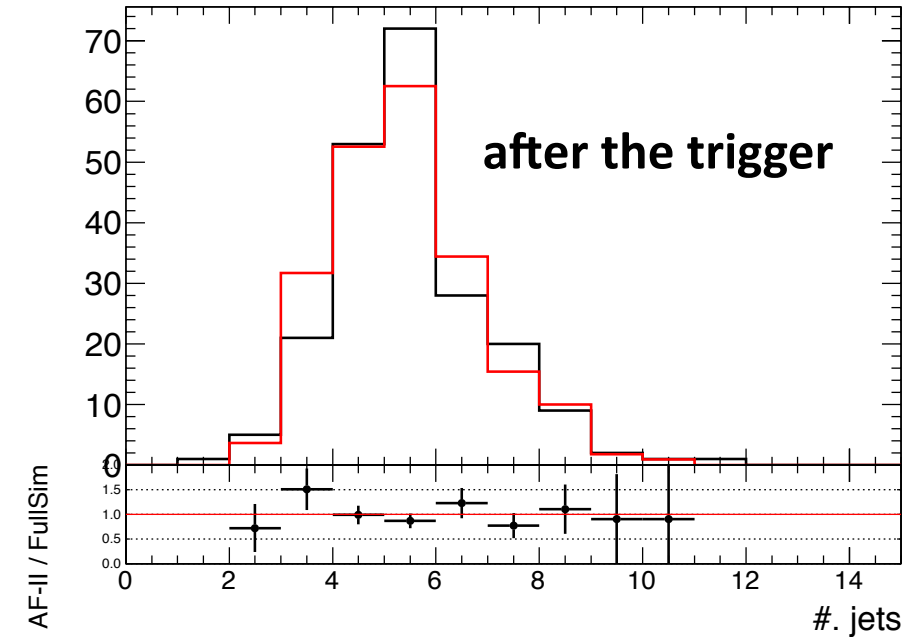
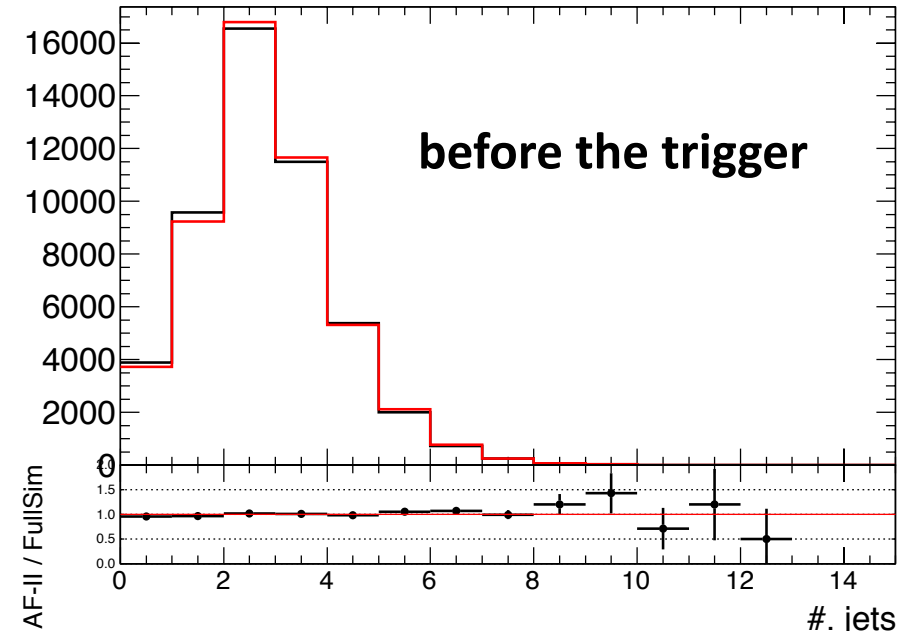
		cut eff	+/- error	tot eff	+/- err
generated	100000				
HFOR	100000	1,000	0,000	1,0000	0,0000
PV	99976	1,000	0,000	0,9998	0,0000
LAr error	99976	1,000	0,000	0,9998	0,0000
trigger	3493	0,035	0,001	0,0349	0,0006
EOR	3423	0,980	0,002	0,0342	0,0006
jvf	3112	0,909	0,005	0,0311	0,0005
4J50	1071	0,344	0,009	0,0107	0,0003
Btag	887	0,828	0,012	0,0089	0,0003
DPhiBB	717	0,808	0,013	0,0072	0,0003
VBFhm	298	0,416	0,018	0,0030	0,0002
SR	265	0,889	0,018	0,0027	0,0002
generated	99999				
HFOR	99999	1,000	0,000	1,0000	0,0000
PV	99979	1,000	0,000	0,9998	0,0000
LAr error	99979	1,000	0,000	0,9998	0,0000
trigger	4190	0,042	0,001	0,0419	0,0006
EOR	4100	0,979	0,002	0,0410	0,0006
jvf	3619	0,883	0,005	0,0362	0,0006
4J50	1243	0,343	0,008	0,0124	0,0004
Btag	996	0,801	0,011	0,0100	0,0003
DPhiBB	822	0,825	0,012	0,0082	0,0003
VBFhm	347	0,422	0,017	0,0035	0,0002
SR	320	0,922	0,014	0,0032	0,0002



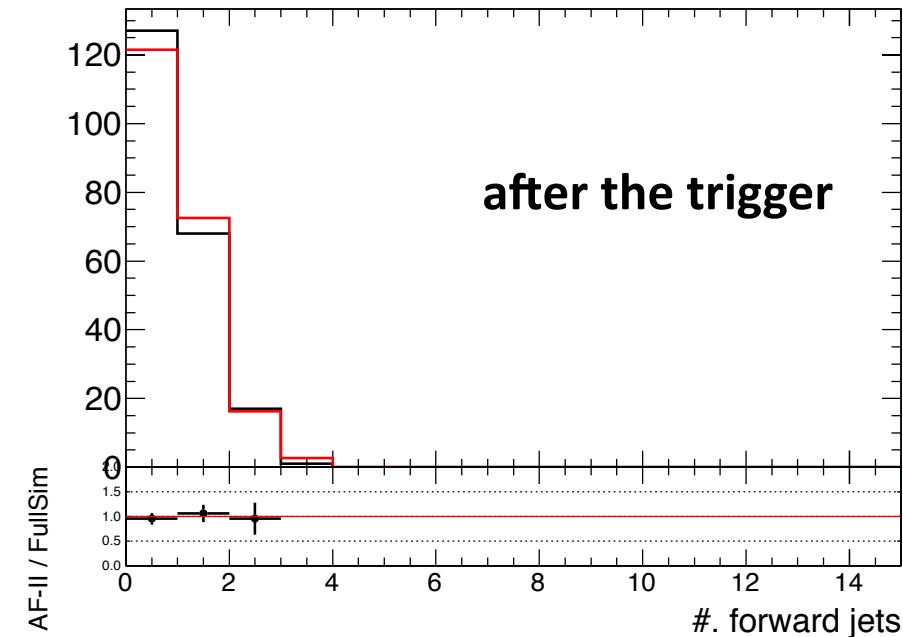
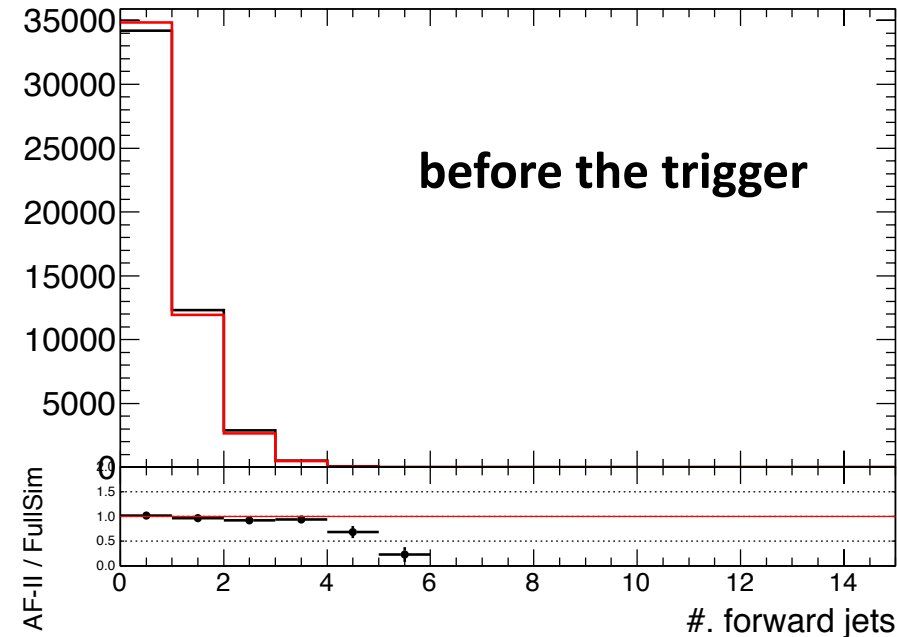
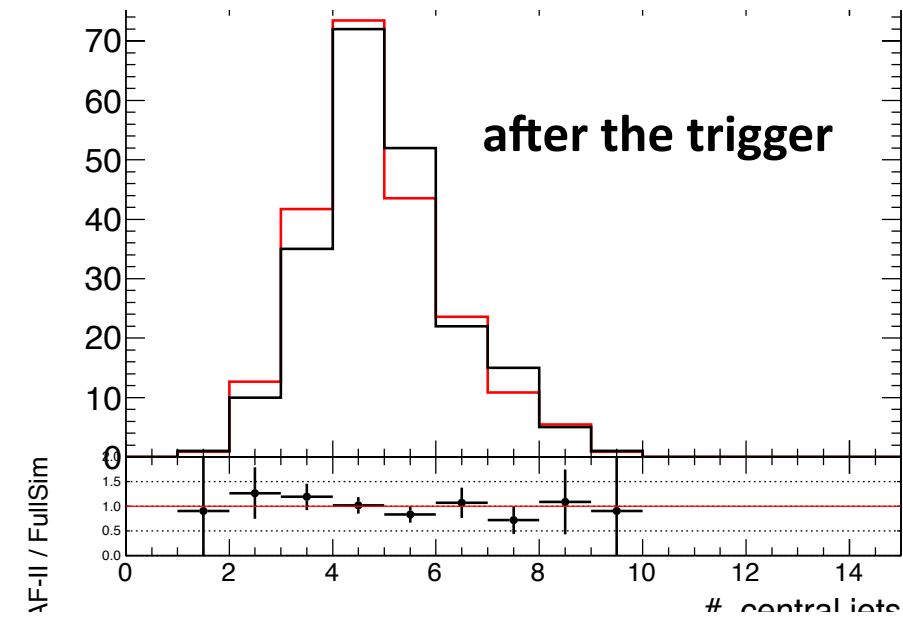
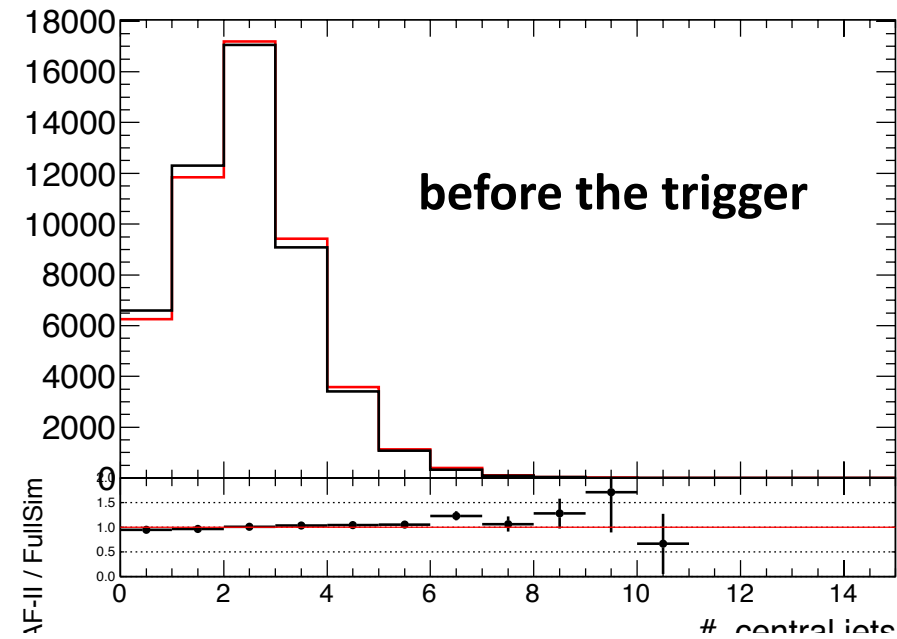


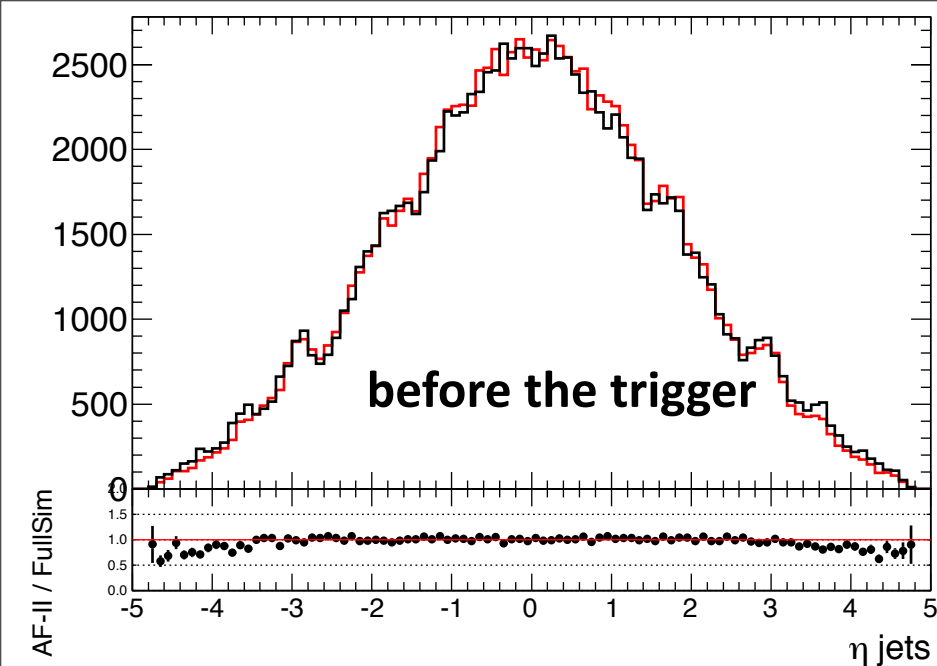
AF-II
FullSim





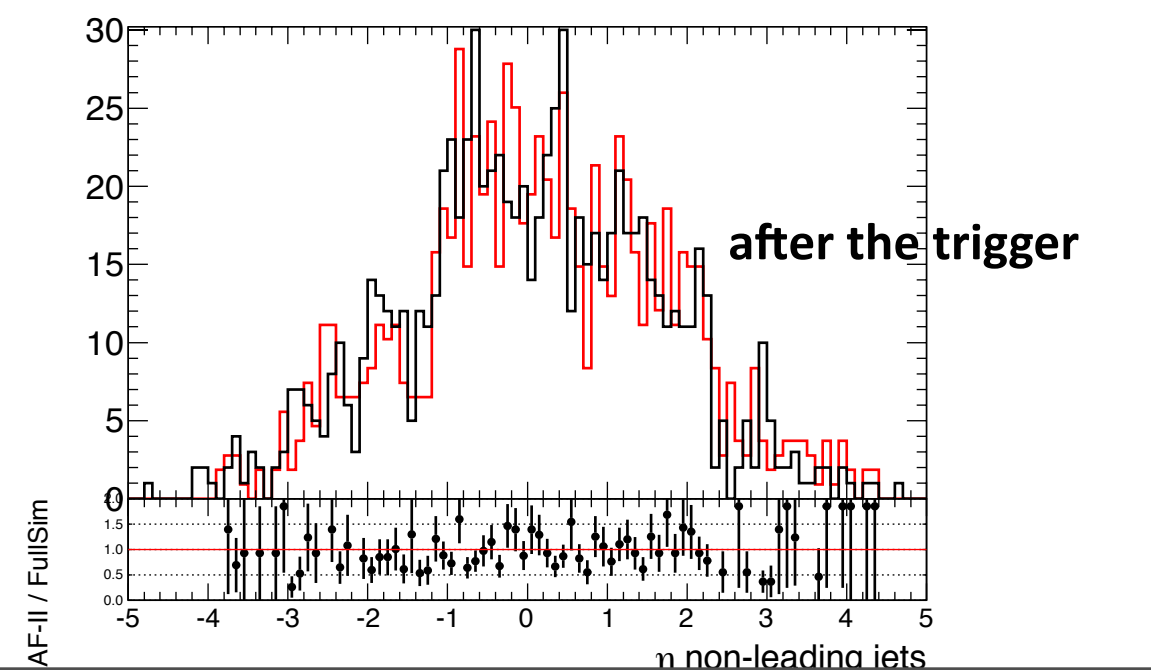
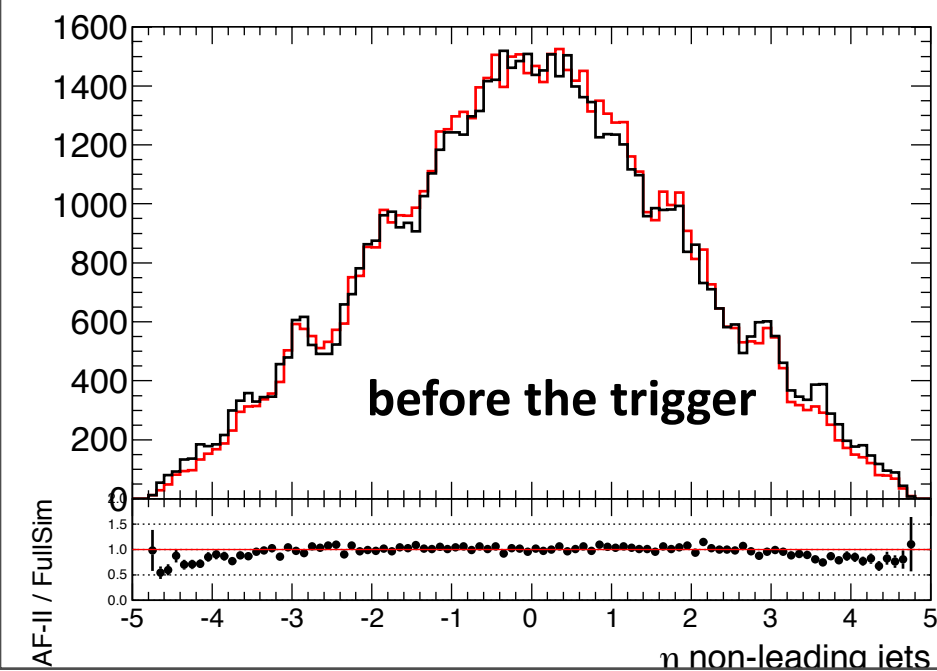
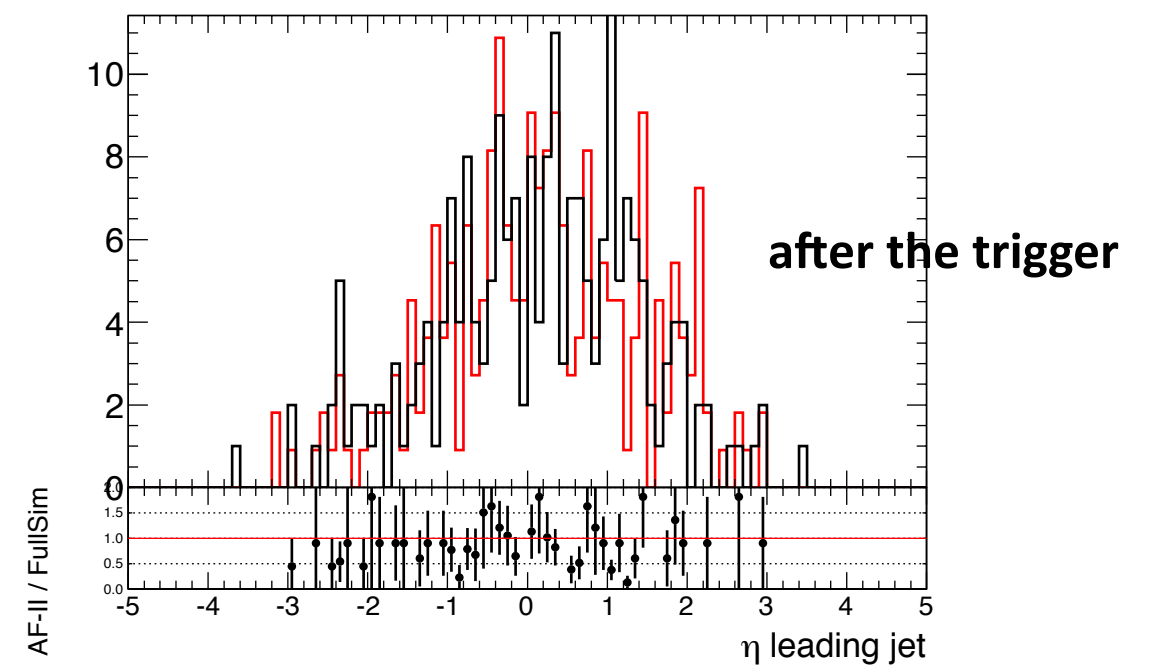
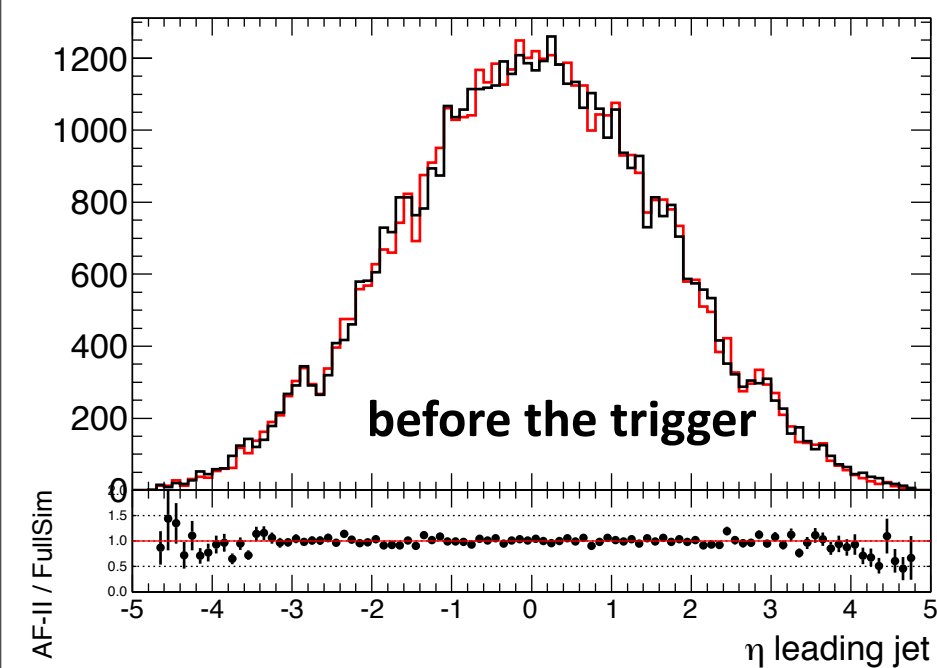
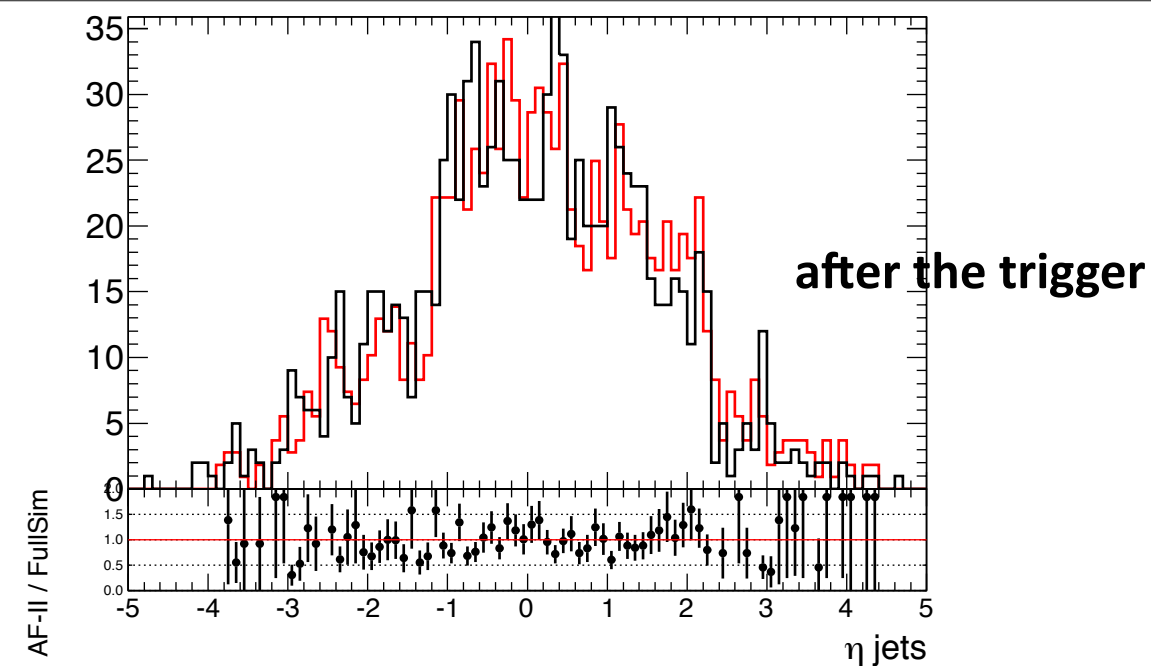
AF-II
FullSim

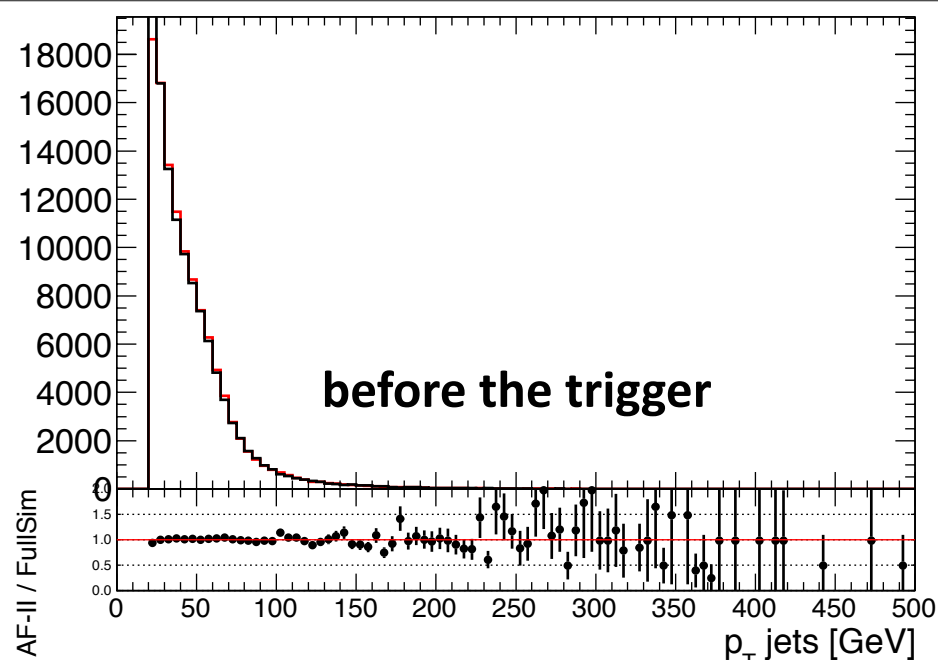




η of jets

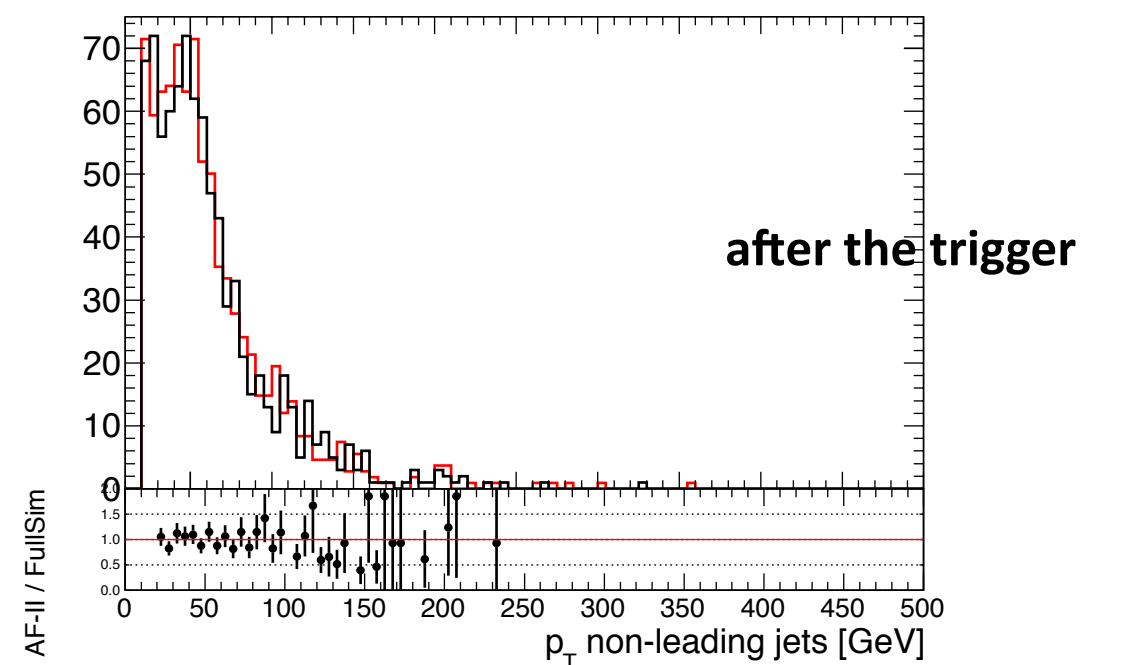
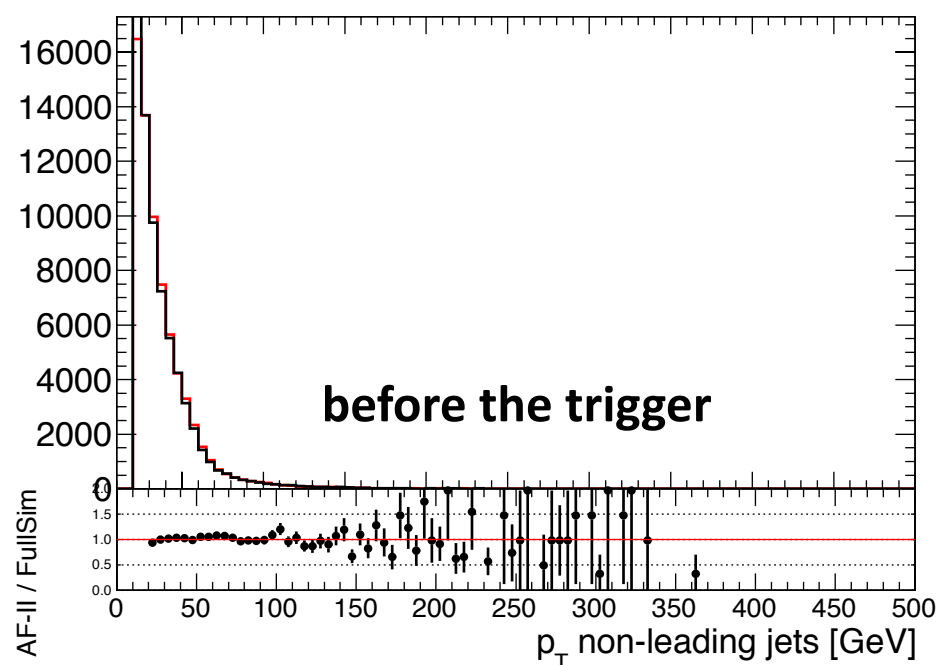
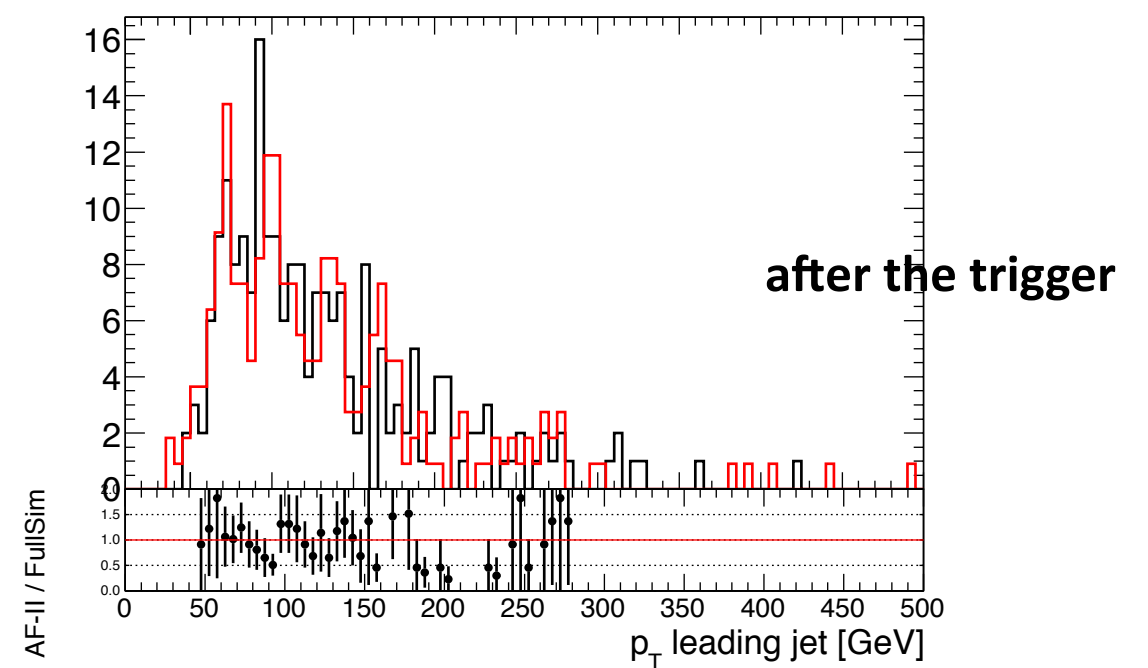
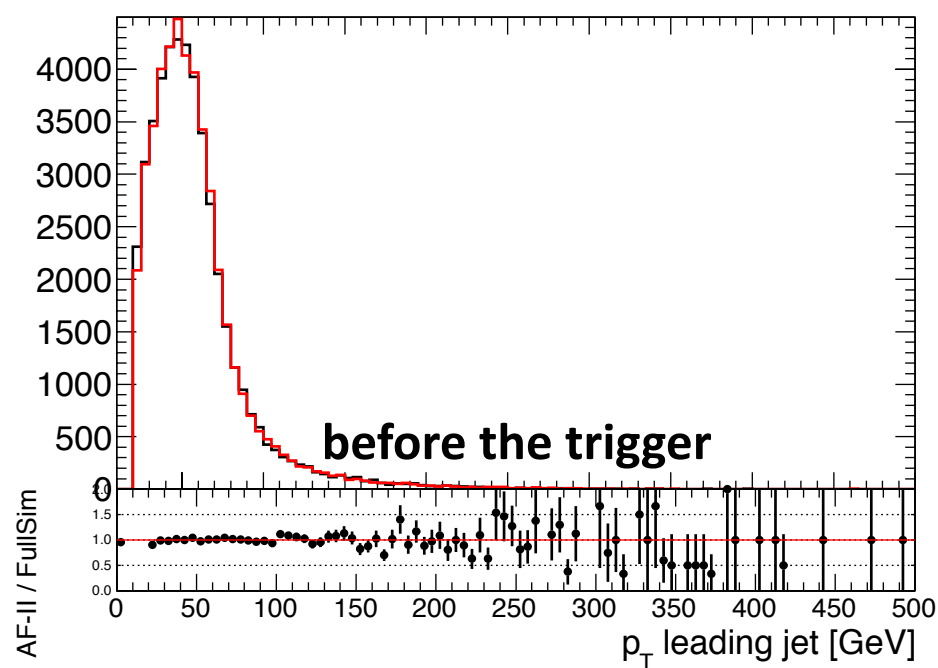
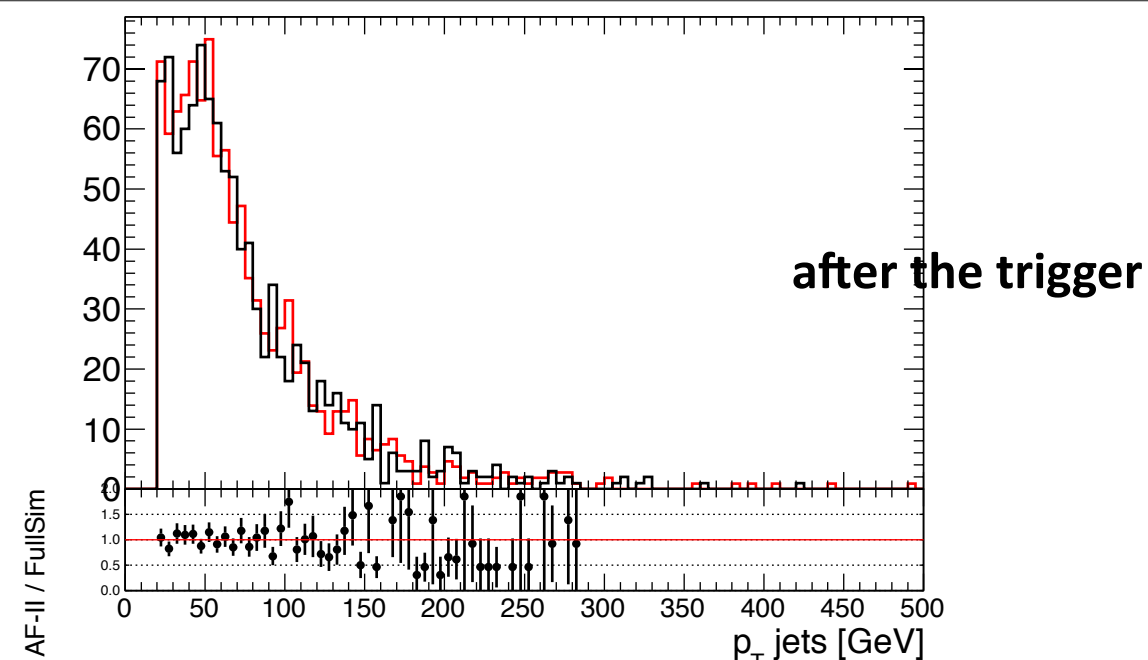
AF-II
FullSim





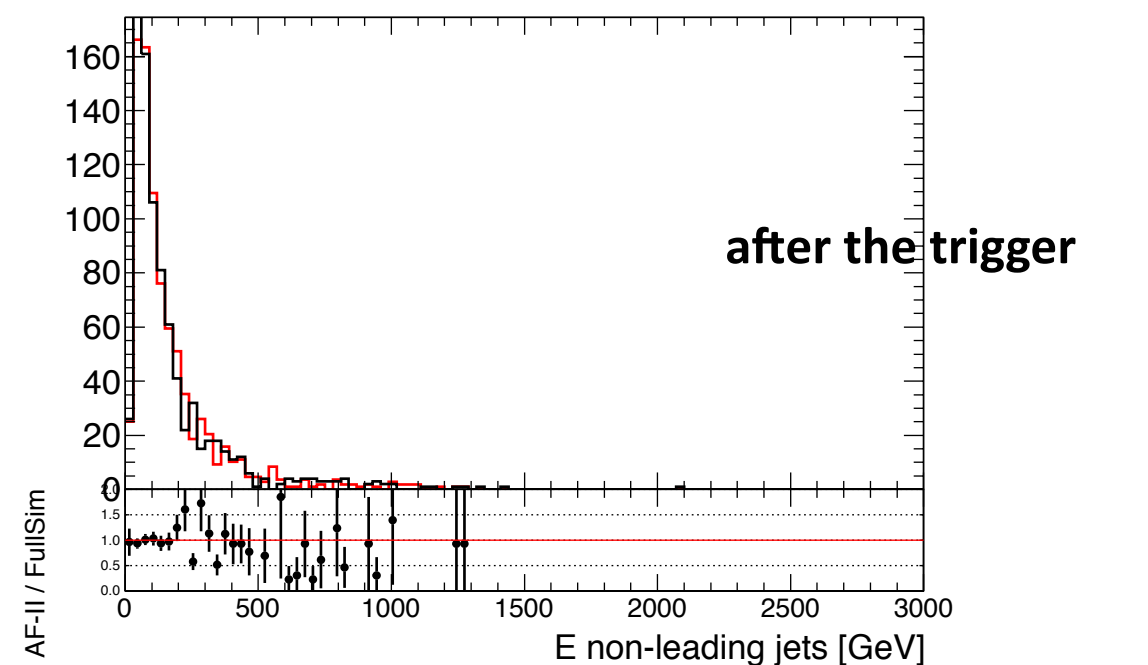
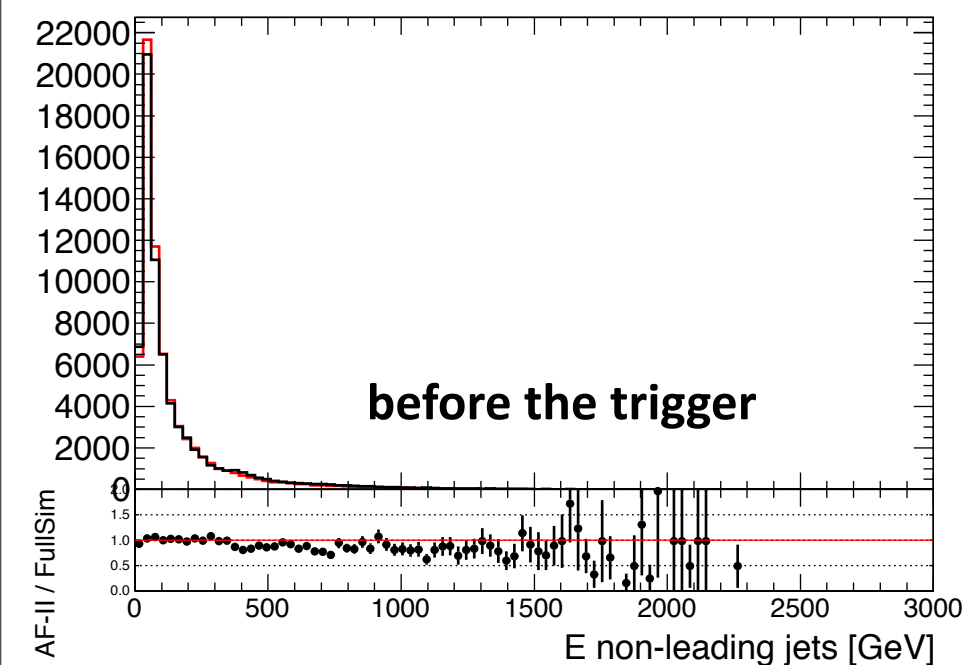
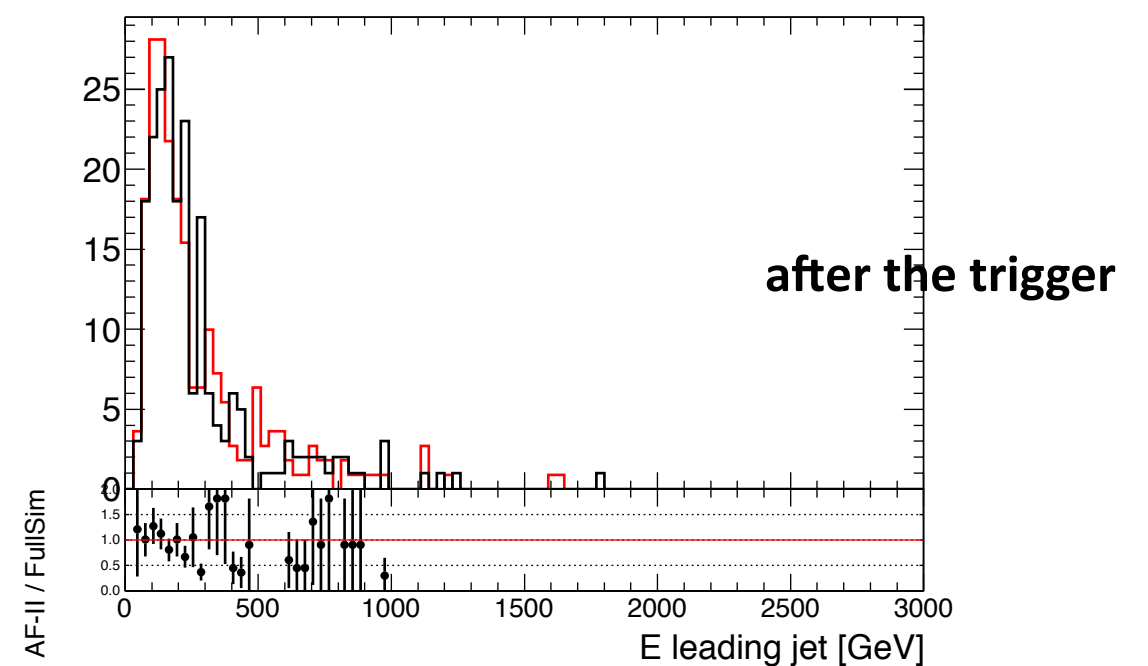
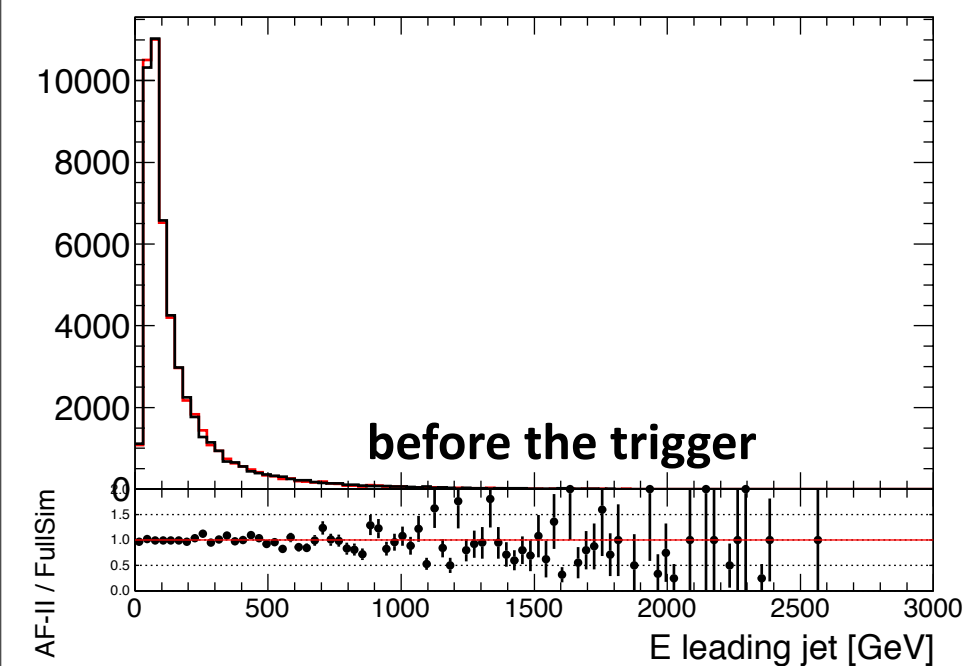
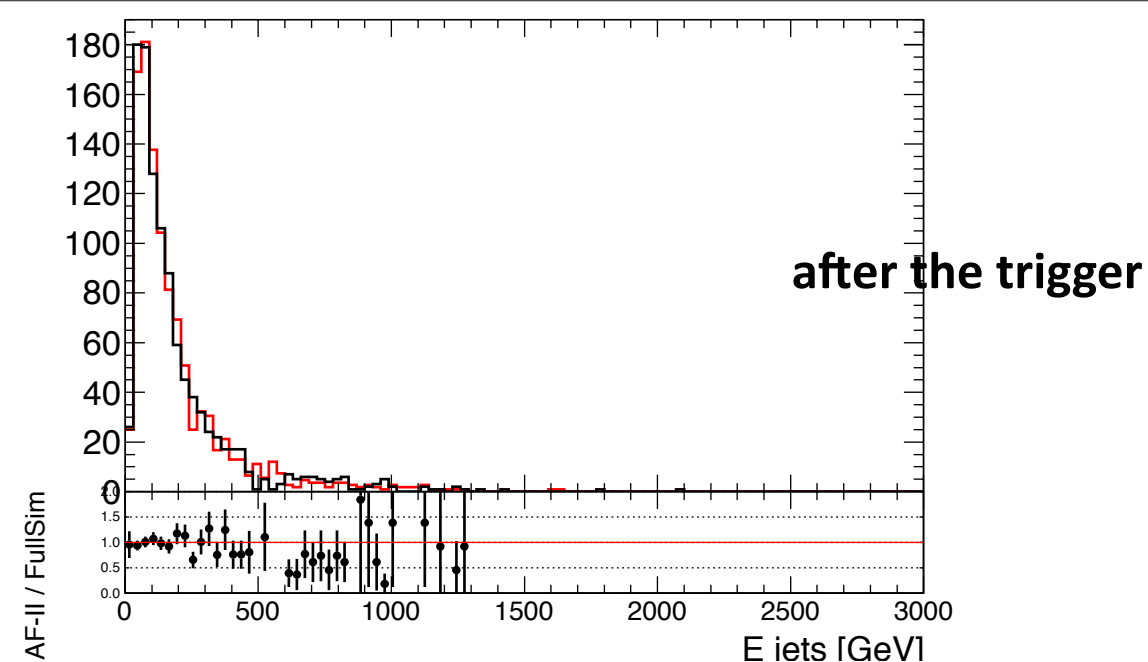
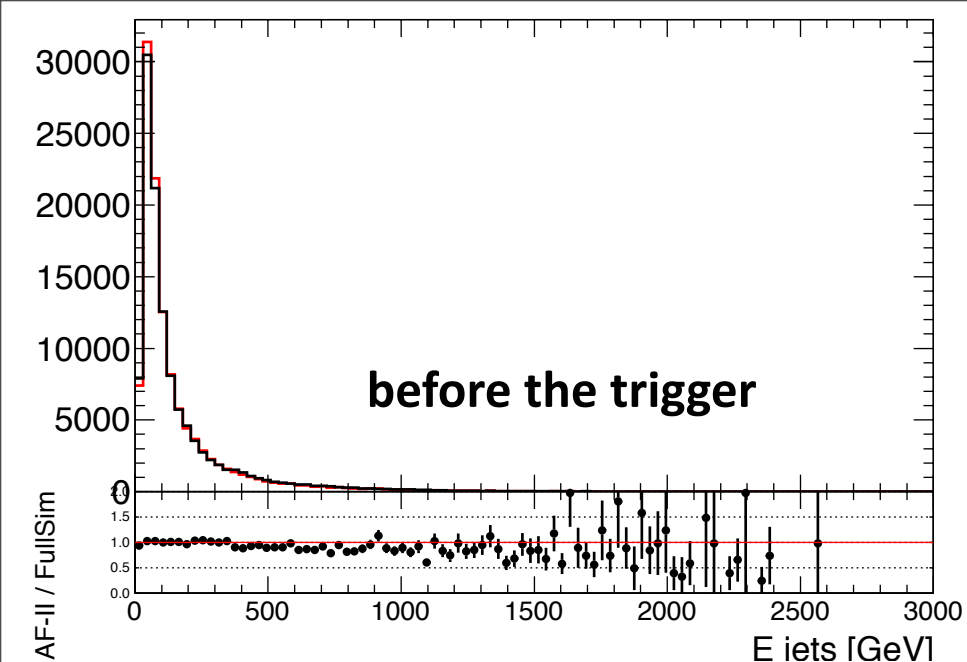
p_T of jets

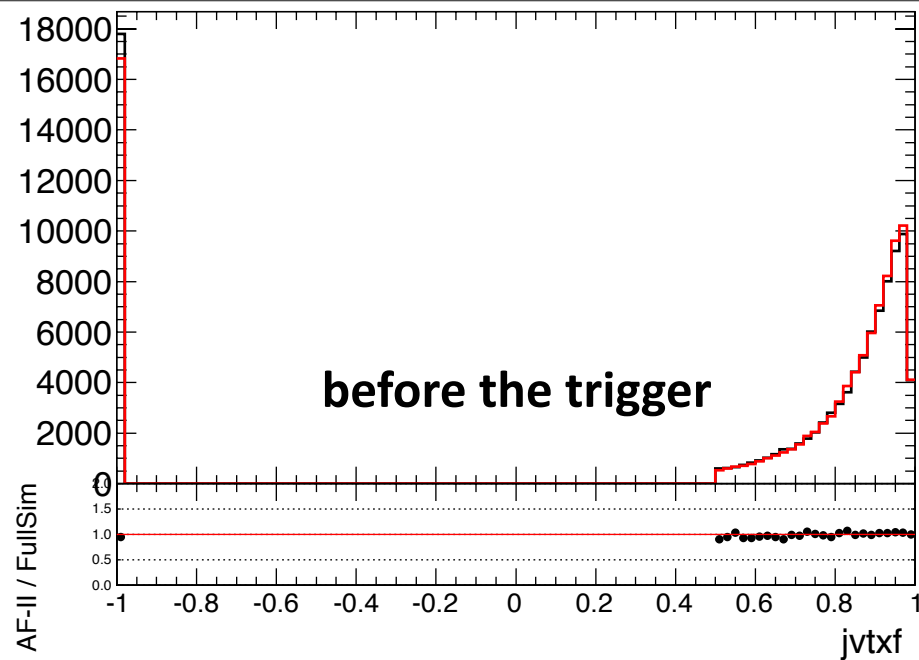
AF-II
FullSim



Energy of jets

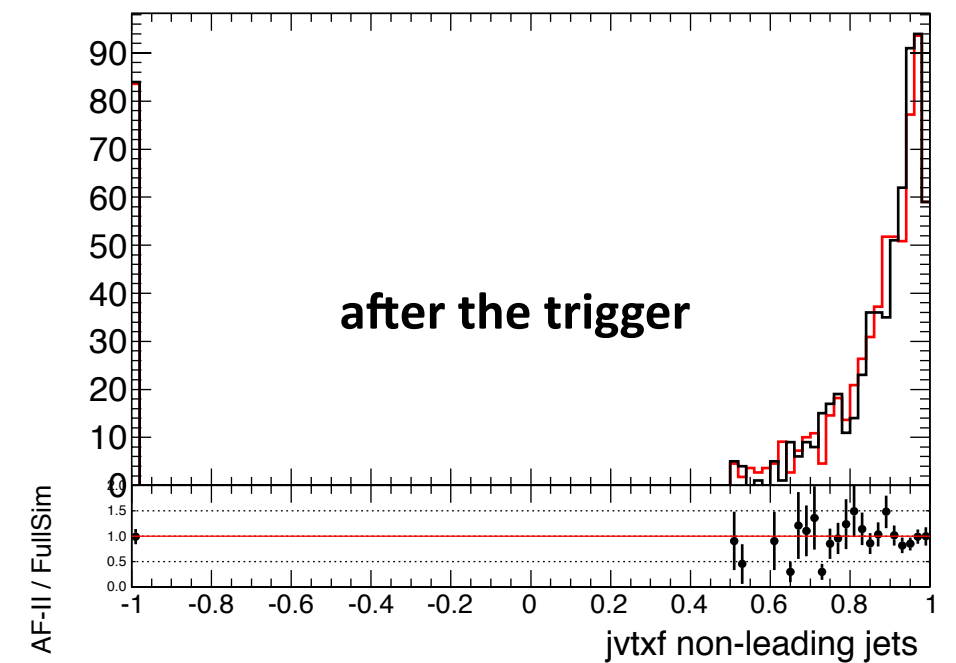
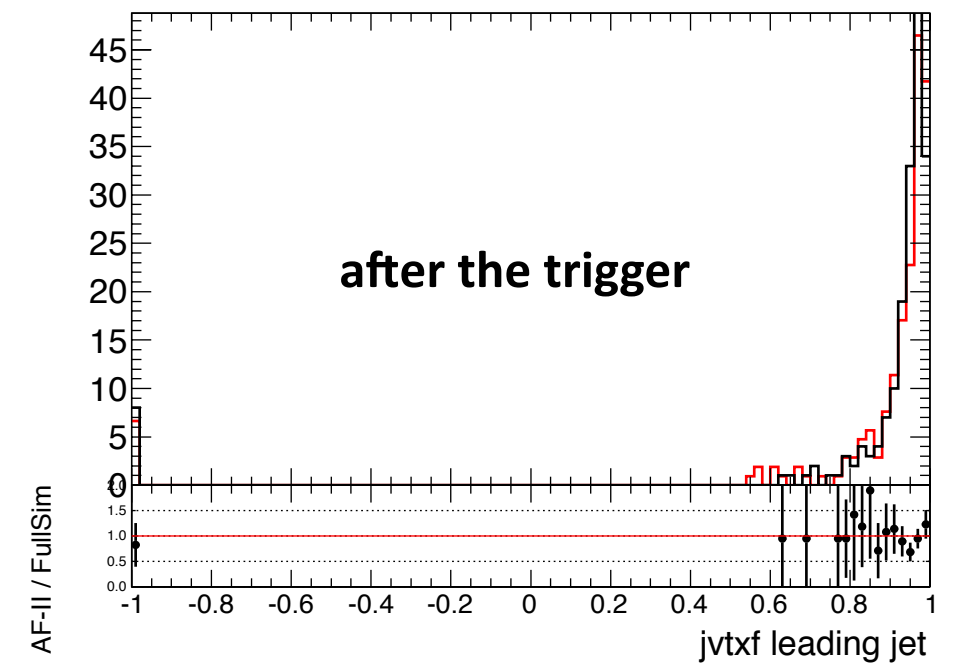
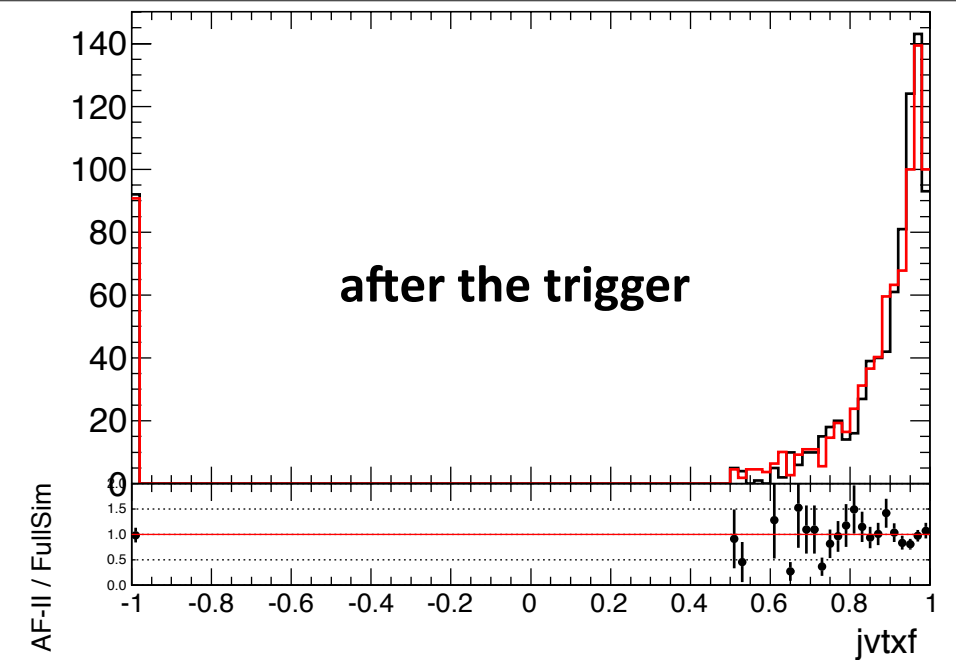
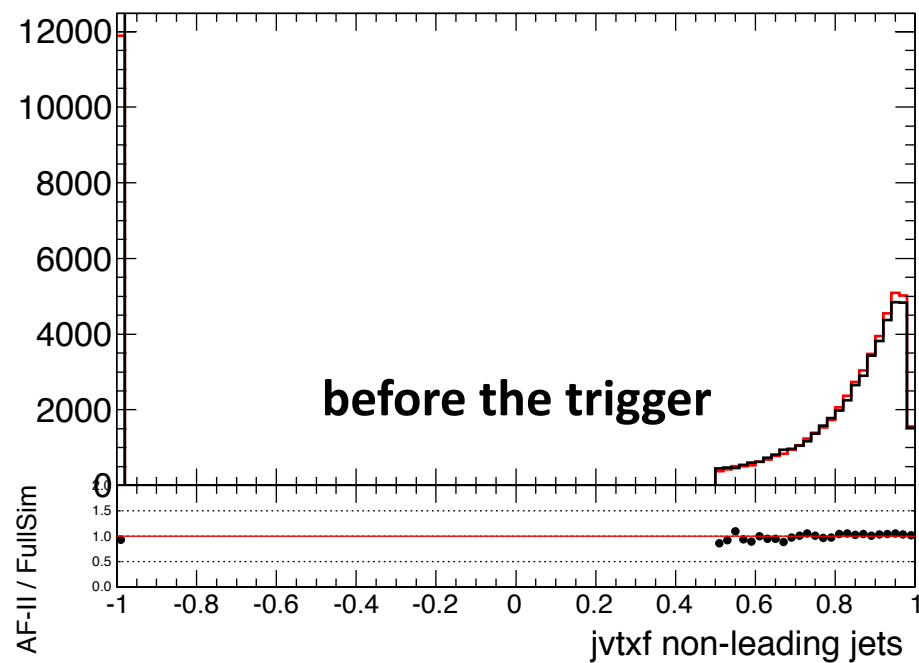
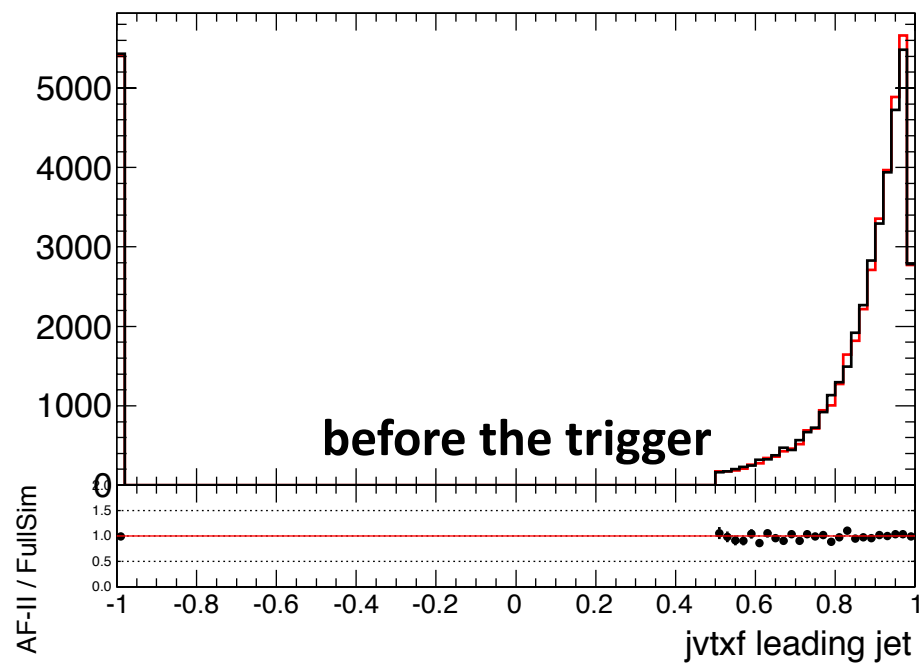
AF-II
FullSim





JVF of jets

AF-II
FullSim



AF-II

FullSim

		cut eff	+/- error	tot eff	+/- err
generated	100000				
HFOR	100000	1,000	0,000	1,00E+00	0,00E+00
PV	99974	1,000	0,000	1,00E+00	5,10E-05
LAr error	99974	1,000	0,000	1,00E+00	5,10E-05
trigger	470	0,005	0,000	4,70E-03	2,16E-04
EOR	466	0,991	0,004	4,66E-03	2,15E-04
jvf	428	0,918	0,013	4,28E-03	2,06E-04
4J50	124	0,290	0,022	1,24E-03	1,11E-04
Btag	82	0,661	0,043	8,20E-04	9,05E-05
DPhiBB	76	0,927	0,029	7,60E-04	8,71E-05
VBFhm	8	0,105	0,035	8,00E-05	2,83E-05
SR	6	0,750	0,153	6,00E-05	2,45E-05
generated	100000				
HFOR	100000	1,000	0,000	1,00E+00	0,00E+00
PV	99966	1,000	0,000	1,00E+00	5,83E-05
LAr error	99966	1,000	0,000	1,00E+00	5,83E-05
trigger	426	0,004	0,000	4,26E-03	2,06E-04
EOR	418	0,981	0,007	4,18E-03	2,04E-04
jvf	388	0,928	0,013	3,88E-03	1,97E-04
4J50	116	0,299	0,023	1,16E-03	1,08E-04
Btag	84	0,724	0,041	8,40E-04	9,16E-05
DPhiBB	74	0,881	0,035	7,40E-04	8,60E-05
VBFhm	14	0,189	0,046	1,40E-04	3,74E-05
SR	12	0,857	0,094	1,20E-04	3,46E-05