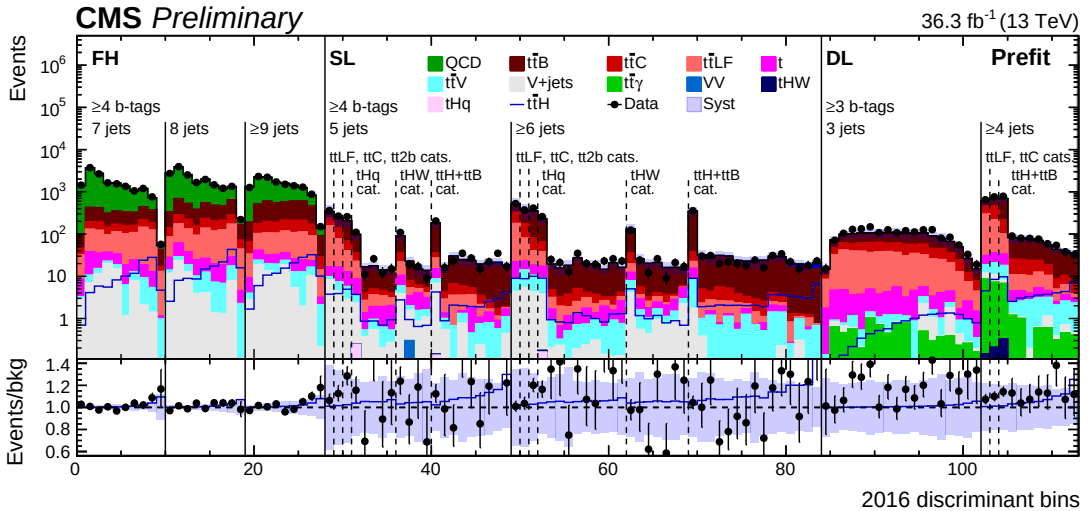
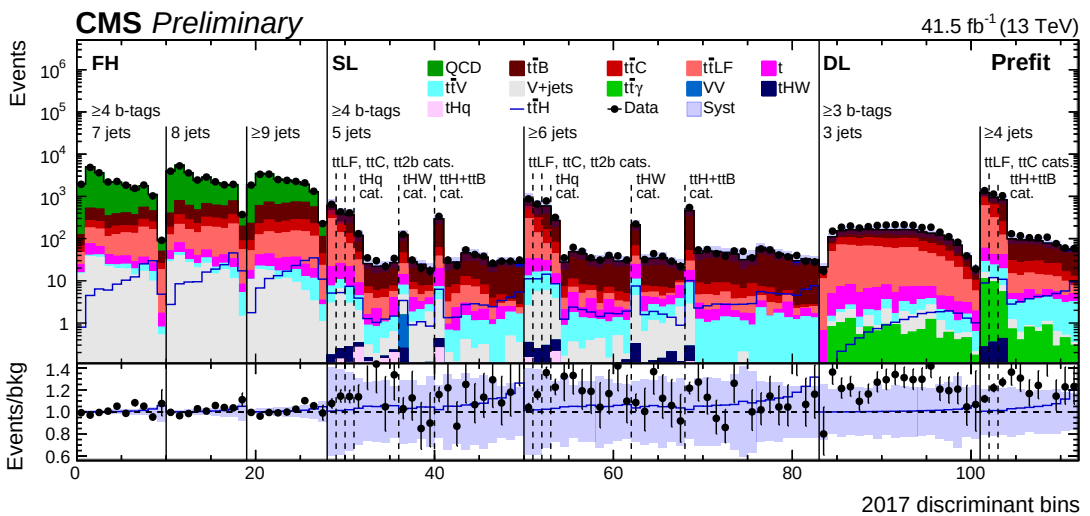
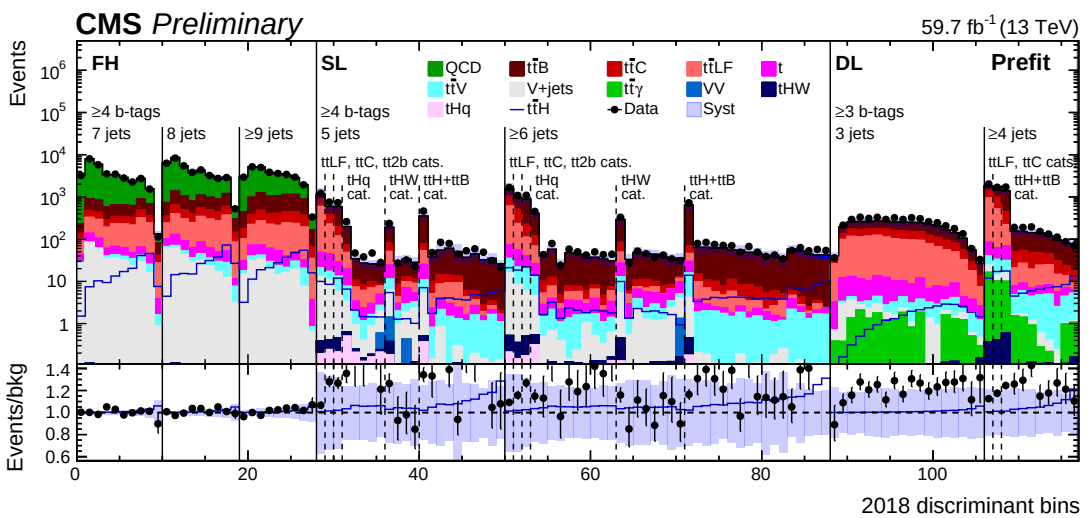

CMS Preliminary
36.3 fb-1 (13 TeV)
FH
SL
DL
Prefit
QCD
tt̄B
tt̄C
tt̄LF
t
tt̄V
V+jets
tt̄γ
VV
tHW
tHq
tt̄H
Data
Syst
≥4 b-tags
7 jets
8 jets
≥9 jets
5 jets
≥6 jets
≥3 b-tags
3 jets
≥4 jets
ttLF, ttC, tt2b cats.
tHq cat.
tHW, ttH+ttB cat.
ttLF, ttC cats.
ttH+ttB cat.
Events
Events/bkg
2016 discriminant bins


CMS Preliminary
41.5 fb-1 (13 TeV)
FH
SL
DL
Prefit
QCD
tt̄B
tt̄C
tt̄LF
t
tt̄V
V+jets
tt̄γ
VV
tHW
tHq
tt̄H
Data
Syst
≥4 b-tags
7 jets
8 jets
≥9 jets
5 jets
≥6 jets
≥3 b-tags
3 jets
≥4 jets
ttLF, ttC, tt2b cats.
tHq cat.
tHW, ttH+ttB cat.
ttLF, ttC cats.
ttH+ttB cat.
Events
Events/bkg
2017 discriminant bins


CMS Preliminary
59.7 fb-1 (13 TeV)
FH
SL
DL
Prefit
QCD
tt̄B
tt̄C
tt̄LF
t
tt̄V
V+jets
tt̄γ
VV
tHW
tHq
tt̄H
Data
Syst
≥4 b-tags
7 jets
8 jets
≥9 jets
5 jets
≥6 jets
≥3 b-tags
3 jets
≥4 jets
ttLF, ttC, tt2b cats.
tHq cat.
tHW, ttH+ttB cat.
ttLF, ttC cats.
ttH+ttB cat.
Events
Events/bkg
2018 discriminant bins