

Events / 0.140

**ATLAS**

Internal

 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$ S+B  $t\bar{t}Zc$  fitSR3 $t\bar{t}Zc$ 

Pre-Fit

● Data	143
— Signal	23.4
■ $t\bar{t}Z+tWZ$	81.9
■ $t\bar{t}W+t\bar{t}H$	4.7
■ VV+LF	2.9
■ VV+HF	30.3
■ $t\bar{t}Z$	13.8
■ $t\bar{t}+Wt$	3.7
■ Other fakes	1.4
■ Other	0.5
Total Bkg.	139.1
/// Bkg. uncertainty	

70

60

50

40

30

20

10

0

Data / Bkg.

 $\chi^2/\text{ndf} = 18.5 / 10$  $\chi^2\text{prob} = 0.05$ 

1.25

1

0.75

0.5

 $D_3$ 

1

0.8

0.6

0.4

0.2

0

-0.2

-0.4

-0.6

-0.8

-1