

$$tHq(2IOS+1\pi$$

SR

CR $\bar{t}\bar{t}$

CR Z+iets

tf PDF4LHC 30	
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tf PDF4LHC 1	

$t\bar{t}q$	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$t\bar{t}Zq$	$t\bar{t}W$	Z+jets	Diboson	minor bkg	minor bkg
$t\bar{t}q$	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	$t\bar{t}Zq$	$t\bar{t}W$	Z+jets	Diboson	minor bkg	minor bkg

tHq	tWH	tWZ	$t\bar{t}$	$t\bar{t}W$	$t\bar{t}Z$	$t\bar{t}H$	tZq	tW	Z+jets	Diboson	minor bkg	minor bkg
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Not present
 Kept
 Shape dropped
 Norm. dropped
 Dropped
 Norm >99% (dropped)
 Bad shape (dropped)
 Bad shape & norm. (dropped)