tHq(2ISS+π) SR CR Bkg ttH PDF4LHC 32 tīH PDF4LHC 31 ttH PDF4LHC 30 ttH PDF4LHC 29 tīH PDF4LHC 28 ttH PDF4LHC 27 tīH PDF4LHC 26 ttH PDF4LHC 25 ttH PDF4LHC 24 ttH PDF4LHC 23 ttH PDF4LHC 22 tīH PDF4LHC 21 ttH PDF4LHC 20 ttH PDF4LHC 19 ttH PDF4LHC 18 ttH PDF4LHC 17 ttH PDF4LHC 16 ttH PDF4LHC 15 ttH PDF4LHC 14 ttH PDF4LHC 13 ttH PDF4LHC 12 ttH PDF4LHC 11 ttH PDF4LHC 10 ttH PDF4LHC 9 ttH PDF4LHC 8 ttH PDF4LHC 7 ttH PDF4LHC 6 ttH PDF4LHC 5 ttH PDF4LHC 4 ttH PDF4LHC 3 tīH PDF4LHC 2 ttH PDF4LHC 1 Diboson minor bkgs Diboson minor bkgs Not present tHq tWH tWZ til til til til tZq tW tW Z+jets Kept Shape dropped Norm. dropped Dropped Norm >99% (dropped) Bad shape (dropped)

Bad shape & norm. (dropped)