```
imax 6
jmax *
kmax *


#                         J3L3H3D1C J3L3H3D1S J4L3H3D1C J4L3H3D1S J8L3H3D1C J8L3H3D1S
bin                       J3L3H3D1C J3L3H3D1S J4L3H3D1C J4L3H3D1S J8L3H3D1C J8L3H3D1S
observation                 404       13        230       11        14        0

bin                       J3L3H3D1C J3L3H3D1C J3L3H3D1C J3L3H3D1S J3L3H3D1S J3L3H3D1S J4L3H3D1C J4L3H3D1C J4L3H3D1C J4L3H3D1S J4L3H3D1S J4L3H3D1S J8L3H3D1C J8L3H3D1C J8L3H3D1C J8L3H3D1S J8L3H3D1S J8L3H3D1S
process                     signal      W        tt      signal      W        tt      signal      W        tt      signal      W        tt      signal      W        tt      signal      W        tt
process                       0         1         2         0         1         2         0         1         2         0         1         2         0         1         2         0         1         2
rate                        0.225      1.0     21.859     0.581      1.0      1.126     0.127     0.001      1.0      0.295     0.001      1.0      0.502      1.0       1.0      1.247      1.0       1.0

lumi              lnN          -         -         -       1.045       -         -         -         -         -       1.045       -         -       1.045       -         -       1.045       -         -
xsecOther         lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -
rcsWemuJ8L3H3D1S  lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.056       -
btag              lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.061     1.019     1.019
topPt             lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.044     1.044
leptonSF          lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.03      1.008     1.008
rcsW              lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.079       -
rcsTT             lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.146
QCDJ8L3H3D1S      lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.026     1.026
diLep             lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.4       1.4
PU                lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.05      1.066     1.066
xsecW             lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.009     1.009
xsecTT            lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.008     1.008
WPol              lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.009     1.009
statSeffJ8L3H3D1S lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.074       -         -
trigger           lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.01        -         -
scale             lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.028       -         -
isr               lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.119       -         -
jec               lnN          -         -         -         -         -         -         -         -         -         -         -         -         -         -         -       1.029     1.082     1.082

#j8L3H3D1SW rateParam J8L3H3D1S W    0.263 [0.,0.790]
#j8L3H3D1Stt rateParam J8L3H3D1S tt   0.117 [0.,0.352]
j3L3H3D1CW rateParam J3L3H3D1C W   382.141 [0.,1146.424]
j3L3H3D1SW rateParam J3L3H3D1S W    11.874 [0.,35.621]
j4L3H3D1Ctt rateParam J4L3H3D1C tt  201.532 [0.,604.595]
j4L3H3D1Stt rateParam J4L3H3D1S tt    9.888 [0.,29.664]
j8L3H3D1SW rateParam J8L3H3D1S W (@0*@1/@2*@3) j8L3H3D1CW,j3L3H3D1SW,j3L3H3D1CW,kJ8L3H3D1SW
j8L3H3D1Stt rateParam J8L3H3D1S tt (@0*@1/@2*@3) j8L3H3D1Ctt,j4L3H3D1Stt,j4L3H3D1Ctt,kJ8L3H3D1Stt


j8L3H3D1CW rateParam J8L3H3D1C W (9.191*(1+0.205*@0)) yWttJ8L3H3D1
j8L3H3D1Ctt rateParam J8L3H3D1C tt (2.320*(1-0.546*@0)) yWttJ8L3H3D1
kJ8L3H3D1SW param   0.9223    0.441
kJ8L3H3D1Stt param  1.0312    0.112
yWttJ8L3H3D1 param  0.0000    1.000
```