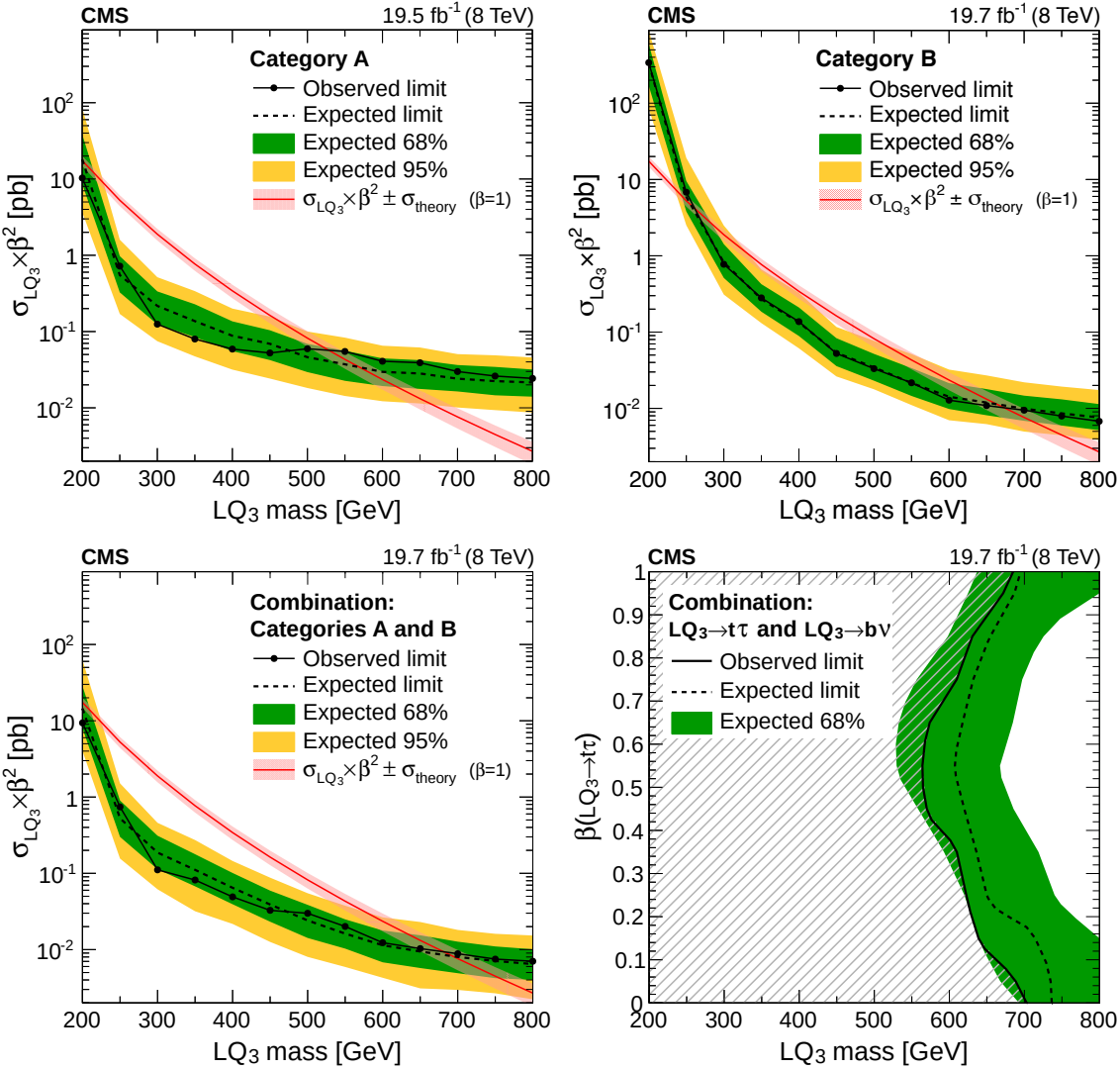
CMS
19.5 fb^{-1} (8 TeV)
Category A
Observed limit
Expected limit
Expected 68%
Expected 95%
$\sigma_{LQ_3}\times\beta^2 \pm \sigma_{theory}$ (β=1)
$\sigma_{LQ_3}\times\beta^2$ [pb]
LQ$_3$ mass [GeV]
CMS
19.7 fb^{-1} (8 TeV)
Category B
Observed limit
Expected limit
Expected 68%
Expected 95%
$\sigma_{LQ_3}\times\beta^2 \pm \sigma_{theory}$ (β=1)
$\sigma_{LQ_3}\times\beta^2$ [pb]
LQ$_3$ mass [GeV]
CMS
19.7 fb^{-1} (8 TeV)
Combination:
Categories A and B
Observed limit
Expected limit
Expected 68%
Expected 95%
$\sigma_{LQ_3}\times\beta^2 \pm \sigma_{theory}$ (β=1)
$\sigma_{LQ_3}\times\beta^2$ [pb]
LQ$_3$ mass [GeV]
CMS
19.7 fb^{-1} (8 TeV)
Combination:
LQ$_3$→tτ and LQ$_3$→bν
Observed limit
Expected limit
Expected 68%
β(LQ$_3$→tτ)
LQ$_3$ mass [GeV]