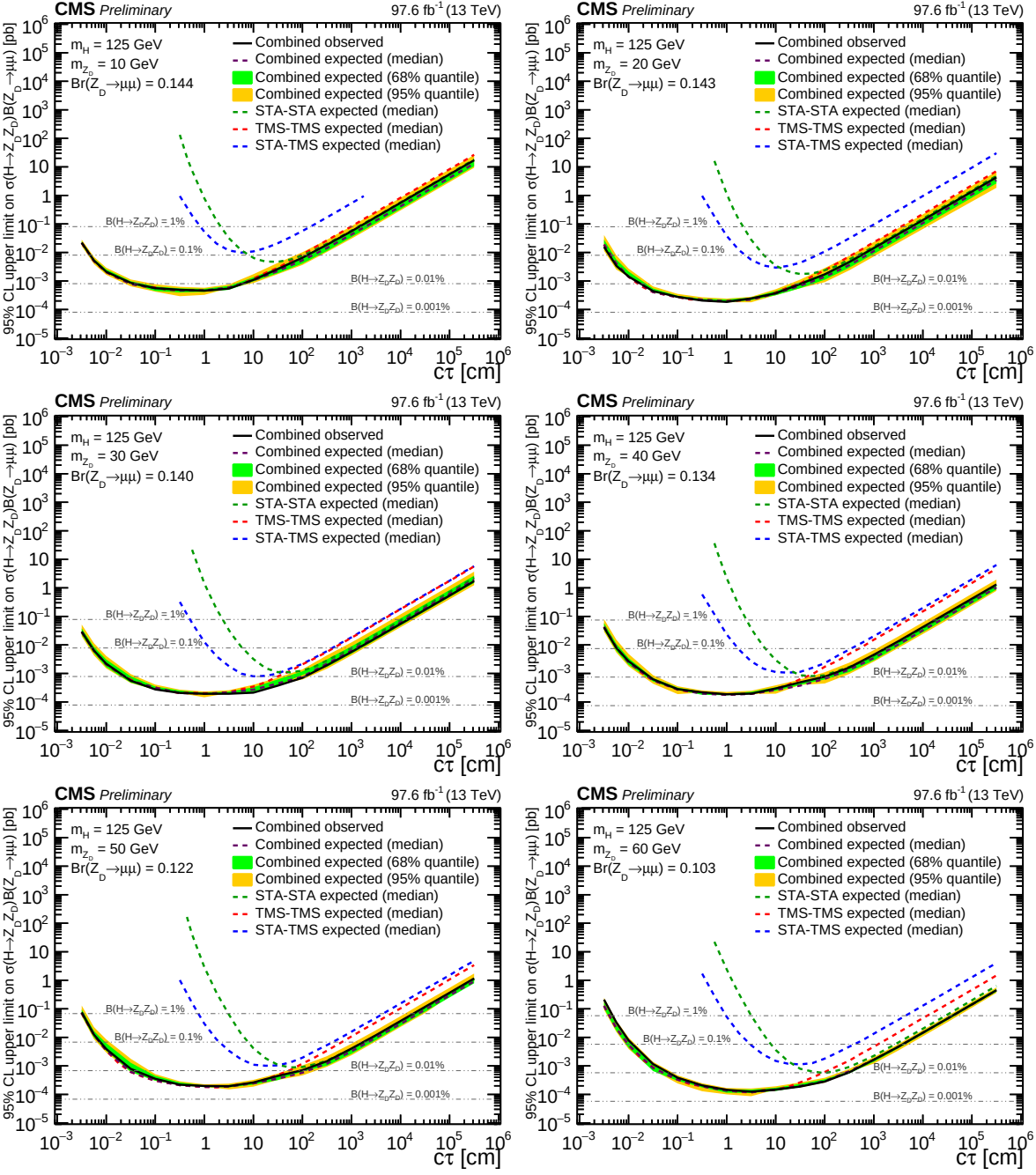
CMS Preliminary
97.6 fb^{-1} (13 TeV)
m_H = 125 GeV
m_{Z_D} = 10 GeV
Br($Z_D \to \mu\mu$) = 0.144
m_{Z_D} = 20 GeV
Br($Z_D \to \mu\mu$) = 0.143
m_{Z_D} = 30 GeV
Br($Z_D \to \mu\mu$) = 0.140
m_{Z_D} = 40 GeV
Br($Z_D \to \mu\mu$) = 0.134
m_{Z_D} = 50 GeV
Br($Z_D \to \mu\mu$) = 0.122
m_{Z_D} = 60 GeV
Br($Z_D \to \mu\mu$) = 0.103
Combined observed
Combined expected (median)
Combined expected (68% quantile)
Combined expected (95% quantile)
STA-STA expected (median)
TMS-TMS expected (median)
STA-TMS expected (median)
B($H \to Z_D Z_D$) = 1%
B($H \to Z_D Z_D$) = 0.1%
B($H \to Z_D Z_D$) = 0.01%
B($H \to Z_D Z_D$) = 0.001%
95% CL upper limit on $\sigma(H \to Z_D Z_D)B(Z_D \to \mu\mu)$ [pb]
$c\tau$ [cm]