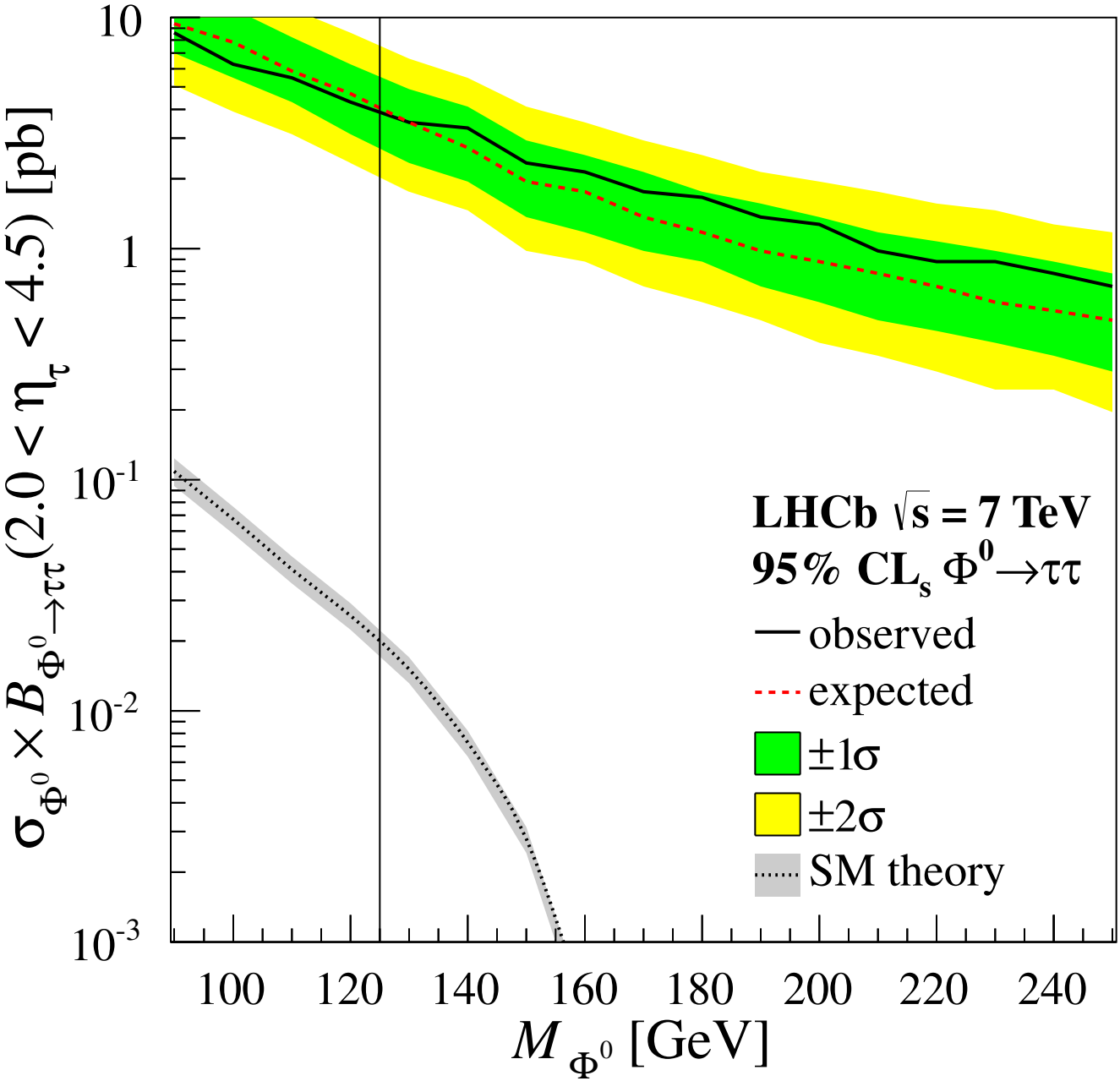
LHCb √s = 7 TeV
95% CL$_s$ $\Phi^0 \to \tau\tau$
observed
expected
±1σ
±2σ
SM theory
$\sigma_{\Phi^0} \times B_{\Phi^0 \to \tau\tau}(2.0 < \eta_\tau < 4.5)$ [pb]
M_{Φ^0} [GeV]
10
1
10^{-1}
10^{-2}
10^{-3}
100
120
140
160
180
200
220
240