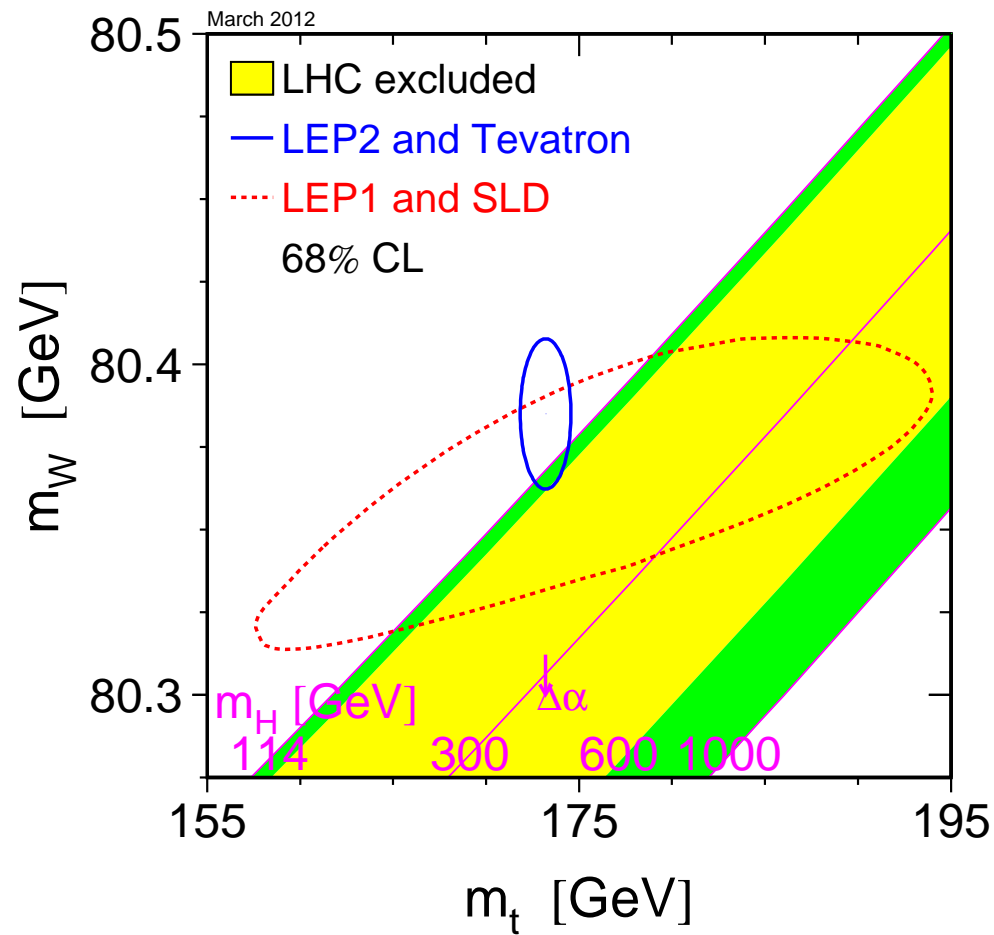
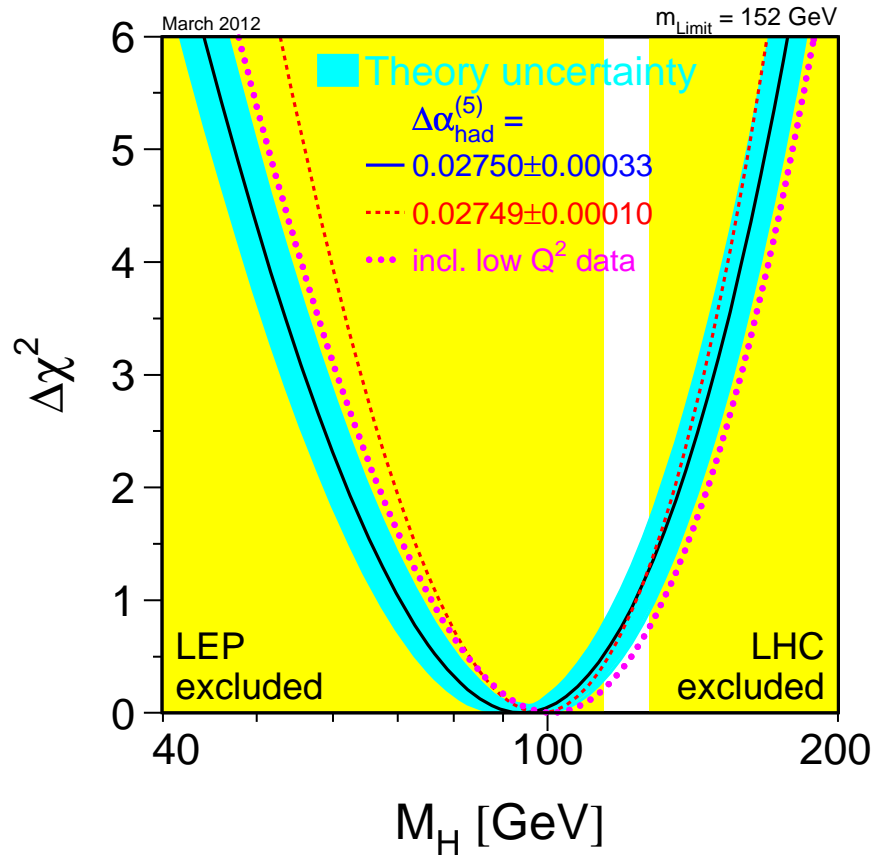


sensitivity of W mass to the Higgs boson mass

coloured region: SM prediction





global fit
 after the 2011 results
 from the LHC
 on the Higgs boson mass

$$M_H < 152 \text{ GeV} \quad (95\% \text{C.L.})$$

$$M_H = 94_{-24}^{+29} \text{ GeV}$$

W-pair production

