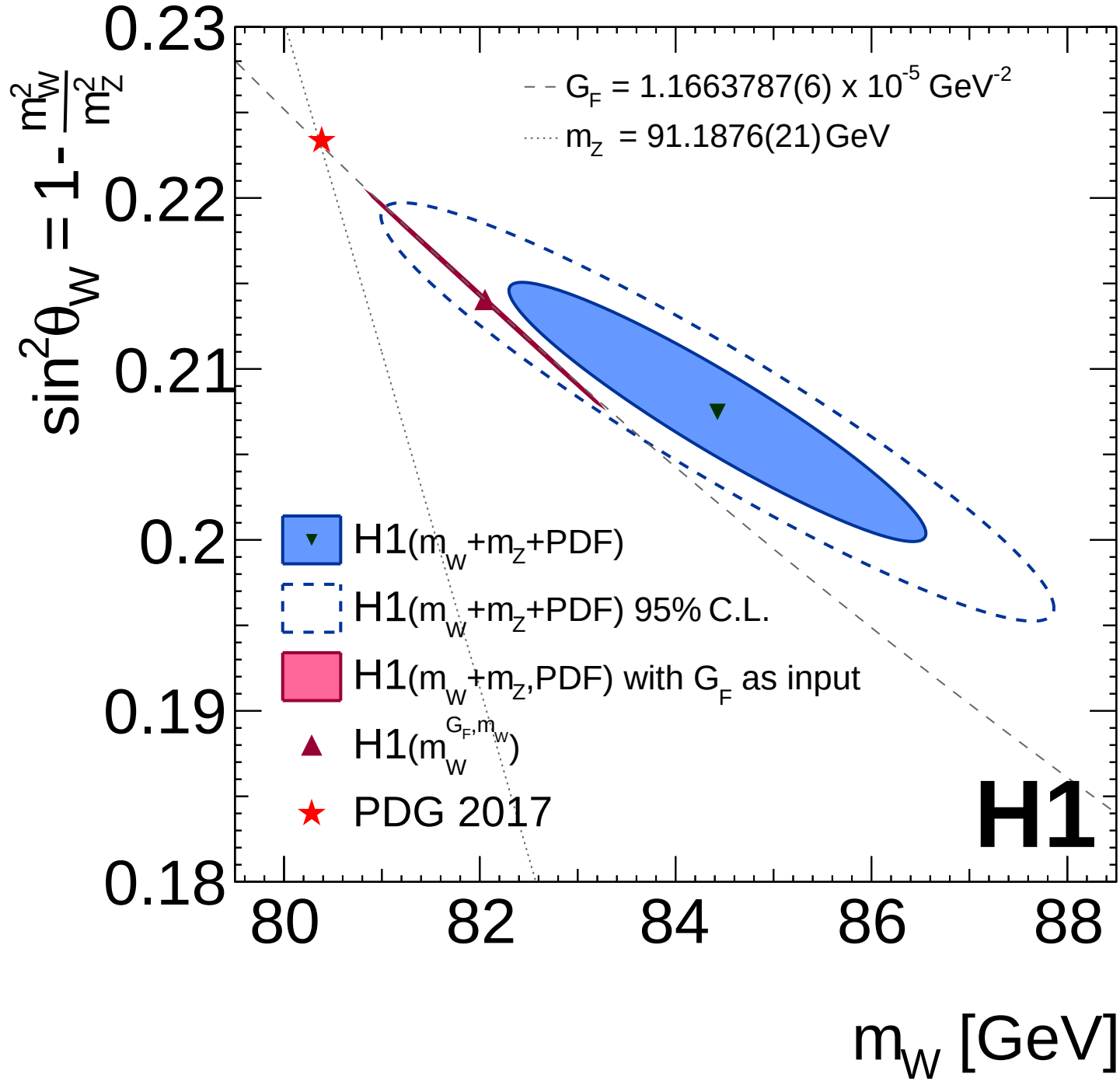
G_F = 1.1663787(6) x 10^{-5} GeV^{-2}
m_Z = 91.1876(21) GeV
H1(m_W+m_Z+PDF)
H1(m_W+m_Z+PDF) 95% C.L.
H1(m_W+m_Z,PDF) with G_F as input
H1($m_W^{G_F,m_W}$)
PDG 2017
H1
$\sin^2\theta_W = 1 - \frac{m_W^2}{m_Z^2}$
m_W [GeV]
0.23
0.22
0.21
0.2
0.19
0.18
80
82
84
86
88