

500 millions $W \rightarrow l\nu$

1 MeV statistical precision on M_W

Let's take up this challenge!

Today: 20 MeV – 100 MeV uncertainty

$u_v(x)$ vs $d_v(x)$, $s(x)$ vs $c(x)$

Internally from the LHC pp environment?

From external sources?