

LHCb

○ CT14

⊕ CT10

$p_T^\mu > 20 \text{ GeV}/c$

△ MMHT14

□ ABM12

$2.0 < \eta^\mu < 4.5$

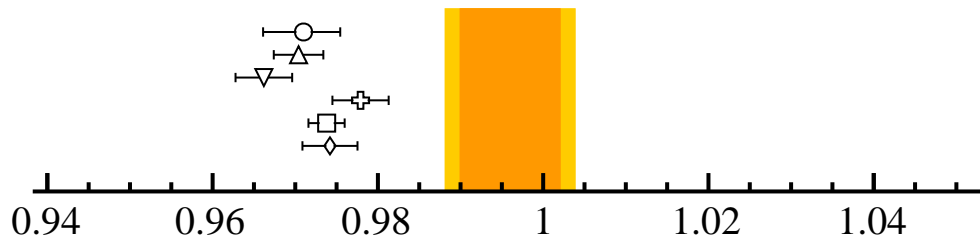
▽ NNPDF30

◇ HERA15

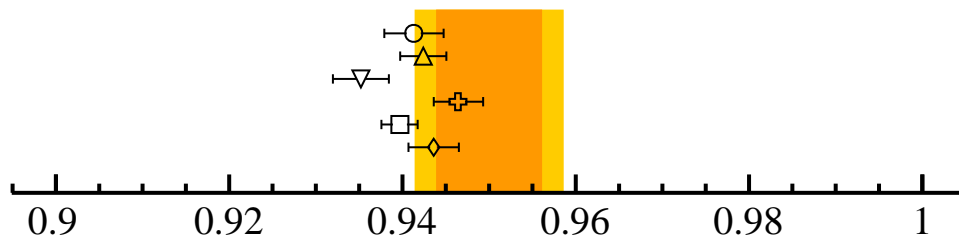
Z: $60 < M_{\mu\mu} < 120 \text{ GeV}/c^2$

■ Data_{stat}

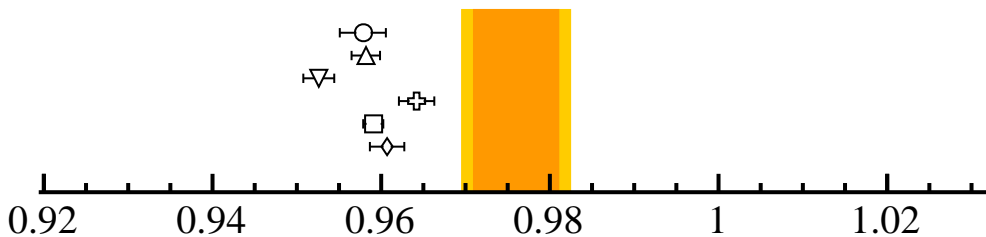
■ Data_{tot}



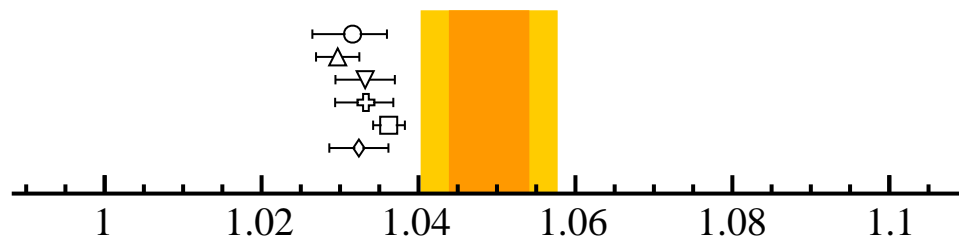
$$\frac{\sigma_{W^+ \rightarrow \mu^+ \nu}^{8\text{TeV}}}{\sigma_{W^+ \rightarrow \mu^+ \nu}^{7\text{TeV}}} \quad \frac{\sigma_{Z \rightarrow \mu^+ \mu^-}^{7\text{TeV}}}{\sigma_{Z \rightarrow \mu^+ \mu^-}^{8\text{TeV}}}$$



$$\frac{\sigma_{W^- \rightarrow \mu^- \bar{\nu}}^{8\text{TeV}}}{\sigma_{W^- \rightarrow \mu^- \bar{\nu}}^{7\text{TeV}}} \quad \frac{\sigma_{Z \rightarrow \mu^+ \mu^-}^{7\text{TeV}}}{\sigma_{Z \rightarrow \mu^+ \mu^-}^{8\text{TeV}}}$$



$$\frac{\sigma_{W \rightarrow \mu \nu}^{8\text{TeV}}}{\sigma_{W \rightarrow \mu \nu}^{7\text{TeV}}} \quad \frac{\sigma_{Z \rightarrow \mu^+ \mu^-}^{7\text{TeV}}}{\sigma_{Z \rightarrow \mu^+ \mu^-}^{8\text{TeV}}}$$



$$\frac{\sigma_{W^+ \rightarrow \mu^+ \nu}^{7\text{TeV}}}{\sigma_{W^+ \rightarrow \mu^+ \nu}^{8\text{TeV}}} \quad \frac{\sigma_{W^- \rightarrow \mu^- \bar{\nu}}^{7\text{TeV}}}{\sigma_{W^- \rightarrow \mu^- \bar{\nu}}^{8\text{TeV}}}$$