## Plot Attributes SO11HosotaniDummyCase

## September 5, 2019

Statistics for SO11HosotaniDummyCase attributes. The following are the attributes that go into the making of the plot **c0-c0Prime-c1**:

The following have a contribution to  $\chi^2_G$  corresponding to:

 $m_H(GeV)$  with test mean, experimental StdDev, and theoretical StdDev:

- $m_H(GeV)$  Test Mean: 125.18
- $m_H(GeV)$  Expedimental Standard deviation : 0.16
- $m_H(GeV)$  Theoretical Standard deviation : 1.25

 $m_{\tau}(GeV)$  with test mean, experimental StdDev, and theoretical StdDev:

- $m_{\tau}(GeV)$  Test Mean : 1.776
- $m_{\tau}(GeV)$  Expedimental Standard deviation : 0.00012
- $m_{\tau}(GeV)$  Theoretical Standard deviation : 0.01776

 $m_{\nu}(eV)$  with test mean, experimental StdDev, and theoretical StdDev:

- $m_{\nu}(eV)$  Test Mean : 0.1
- $m_{\nu}(eV)$  Expedimental Standard deviation : 0.0
- $m_{\nu}(eV)$  Theoretical Standard deviation : 1.0

 $m_b(GeV)$  with test mean, experimental StdDev, and theoretical StdDev:

- $m_b(GeV)$  Test Mean: 4.18
- $m_b(GeV)$  Expedimental Standard deviation: 0.04
- $m_b(GeV)$  Theoretical Standard deviation : 0.0418

 $m_t(GeV)$  with test mean, experimental StdDev, and theoretical StdDev:

•  $m_t(GeV)$  Test Mean : 172.44

- $m_t(GeV)$  Expedimental Standard deviation : 0.9
- $m_t(GeV)$  Theoretical Standard deviation : 1.724

 $m_{W^{\pm}}(GeV)$  with test mean, experimental StdDev, and theoretical StdDev:

- $m_{W^{\pm}}(GeV)$  Test Mean : 80.379
- $\bullet$   $m_{W^\pm}(GeV)$  Expedimental Standard deviation : 0.012
- $m_{W^{\pm}}(GeV)$  Theoretical Standard deviation : 0.8037

The following have a hard cut corresponding to:

 $m_{\psi_D}(GeV)$  with a cut type and value

- $m_{\psi_D}(GeV)$  Cut Type :HardCutMore
- $m_{\psi_D}(GeV)$  Cut Value : 690

 $m_b^{(1)}(GeV)$  with a cut type and value

- $m_b^{(1)}(GeV)$  Cut Type :HardCutMore

 $m_{Z'}(GeV)$  with a cut type and value

- $m_{Z'}(GeV)$  Cut Type :HardCutMore
- $m_{Z'}(GeV)$  Cut Value : 2420