
Systematic uncertainties

Correlated between bins

Signal determination 2.3%

Tracking efficiency 3.0%

Particle identification efficiency 3.6%

PV reconstruction efficiency 4.1%

Neon purity 1.2%

Luminosity 6.5%

Uncorrelated between bins

Signal & background model [0.3, 5.6]%

Simulation sample [0.7, 8.0]%

Total correlated uncertainty 9.3%**Total uncorrelated uncertainty** [1.1, 9.2]%

Total statistical uncertainty [2.3, 7.7]%