



Mean of chi2geo plotted versus bin centers of mass(signal) fitted line with R^2 -squared: 0.65644 Gaussian fit: A:-1338 $\mu : 0.49301$ 2000 σ : 0.034282 Mean of each bin with the SEM (-1000 500-0 0.50 mass, $\frac{GeV}{c^2}$ 0.52 0.48 0.54 0.56 0.44 0.46

Mean of chi2topo plotted versus bin centers of mass(signal) 16000 fitted line with R^2 -squared: 0.0011223 Gaussian fit: A:-100.1 $\mu : 14.778$ 14000 σ : -14.168 Mean of each bin with the SEM (-8000 6000 4000 2000 0 0.52 0.44 0.50 0.56 0.46 0.48 0.54 mass, $\frac{GeV}{c^2}$

