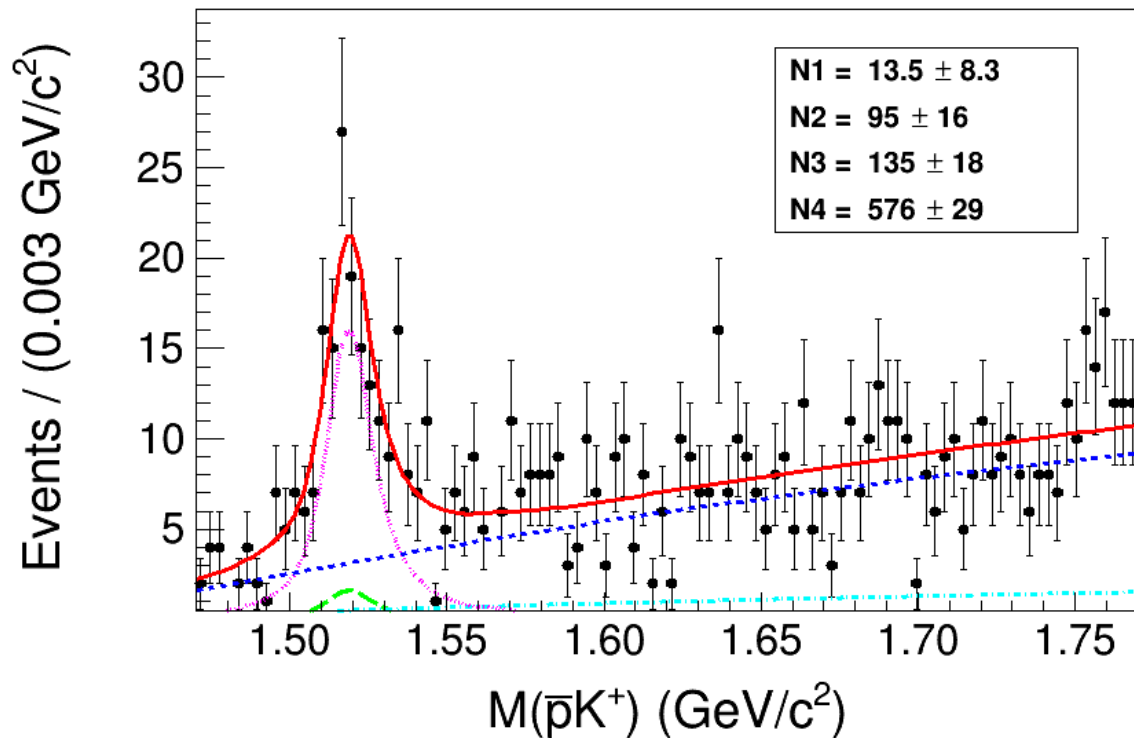
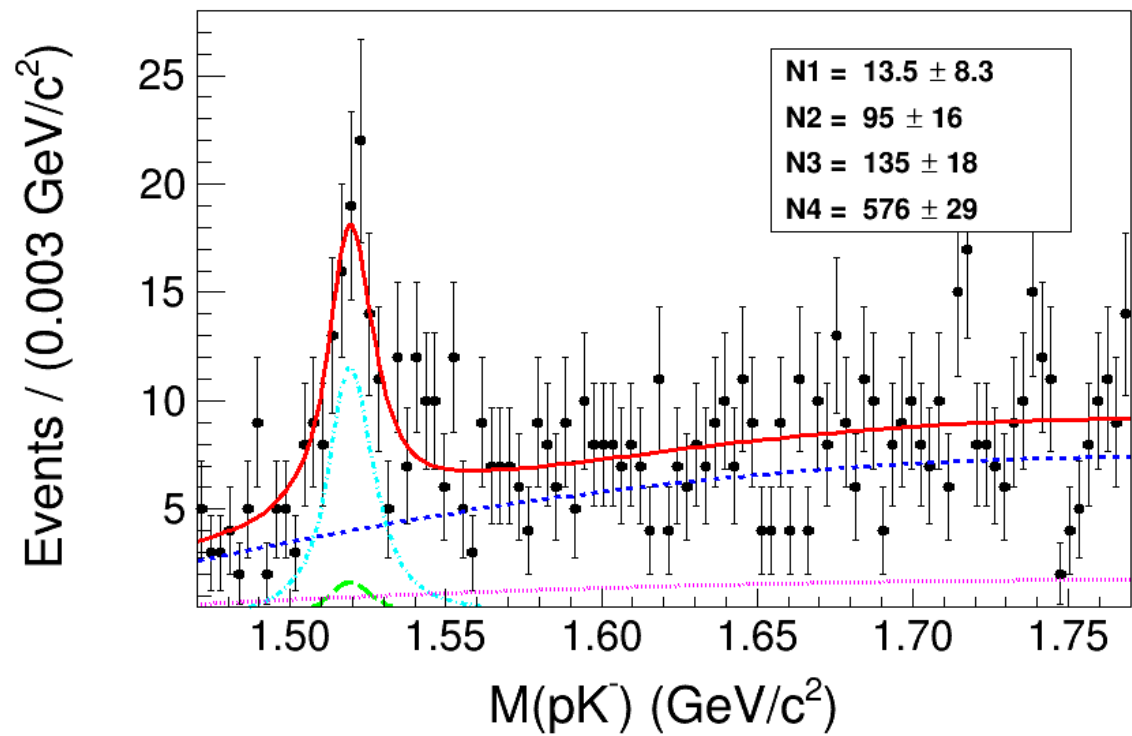
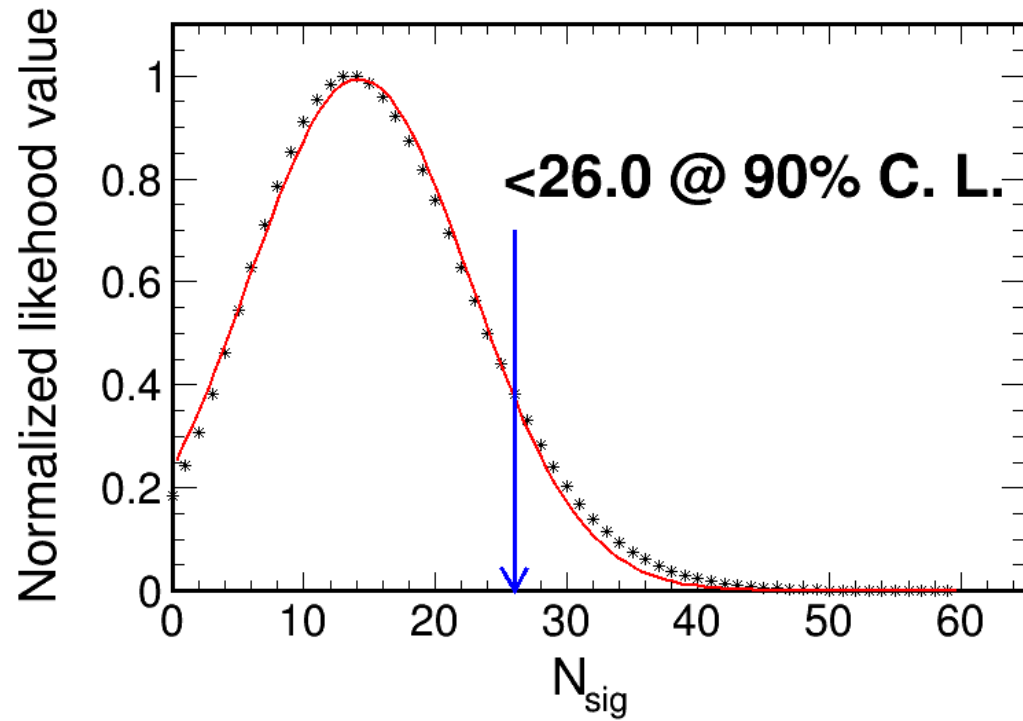


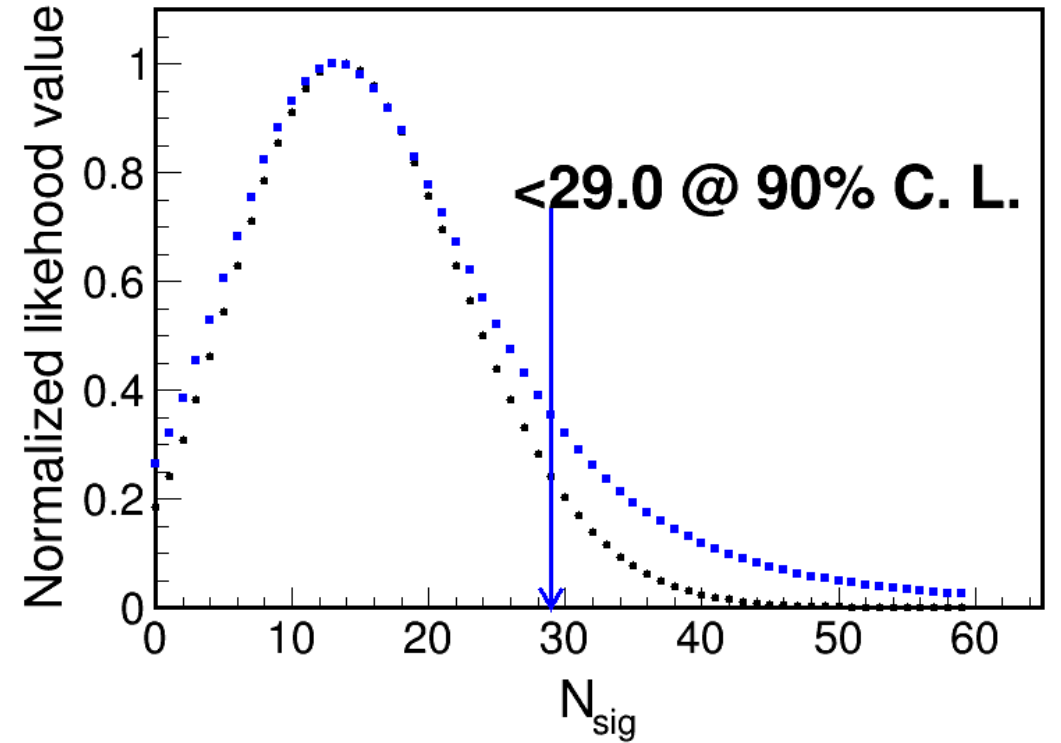
# significance

Decay mode	significance
$\chi_{c1} \rightarrow pp\phi$	$3.62779\sigma$
$\chi_{c1} \rightarrow \Lambda(1520)\bar{\Lambda}(1520)$	$1.83848\sigma$





The likelihood distribution before and **before** smearing the Gaussian function



The likelihood distribution before and **after** smearing the Gaussian function

$$B_r < \frac{N_{UL}}{N_{\psi(2S)} \times \varepsilon \times B_r(\psi(2S) \rightarrow \gamma\chi_{c1}) \times B_r(\Lambda(1520) \rightarrow pk)^2} = 5.85 \times 10^{-5}$$