**CMS Preliminary Simulation** High Purity Category High m<sup>kin</sup> m<sub>x</sub> = 700/iGeV Simulation Parametric Model  $\mu$  = 124.40 GeV Gaussian component  $\sigma_{\rm eff}$  = 2.06 GeV Crystal Ball component 0.3 0.2 0.1

118

120

122

124

126

128

132 134 m<sub>γγ</sub> (GeV)

130