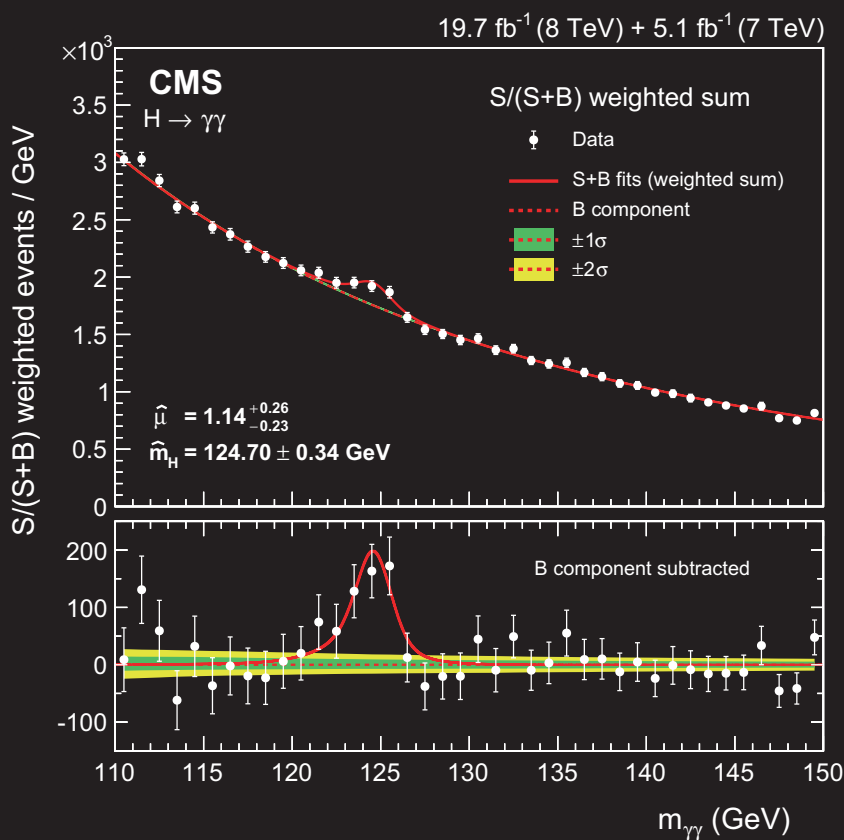




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Particles and Fields



Diphoton mass spectrum weighted by the ratio $S/(S+B)$ in each event class (upper plot), together with the background subtracted weighted mass spectrum (lower plot). From The CMS Collaboration: Observation of the diphoton decay of the Higgs boson and measurement of its properties.