

Observing Higgs: ATLAS CMS

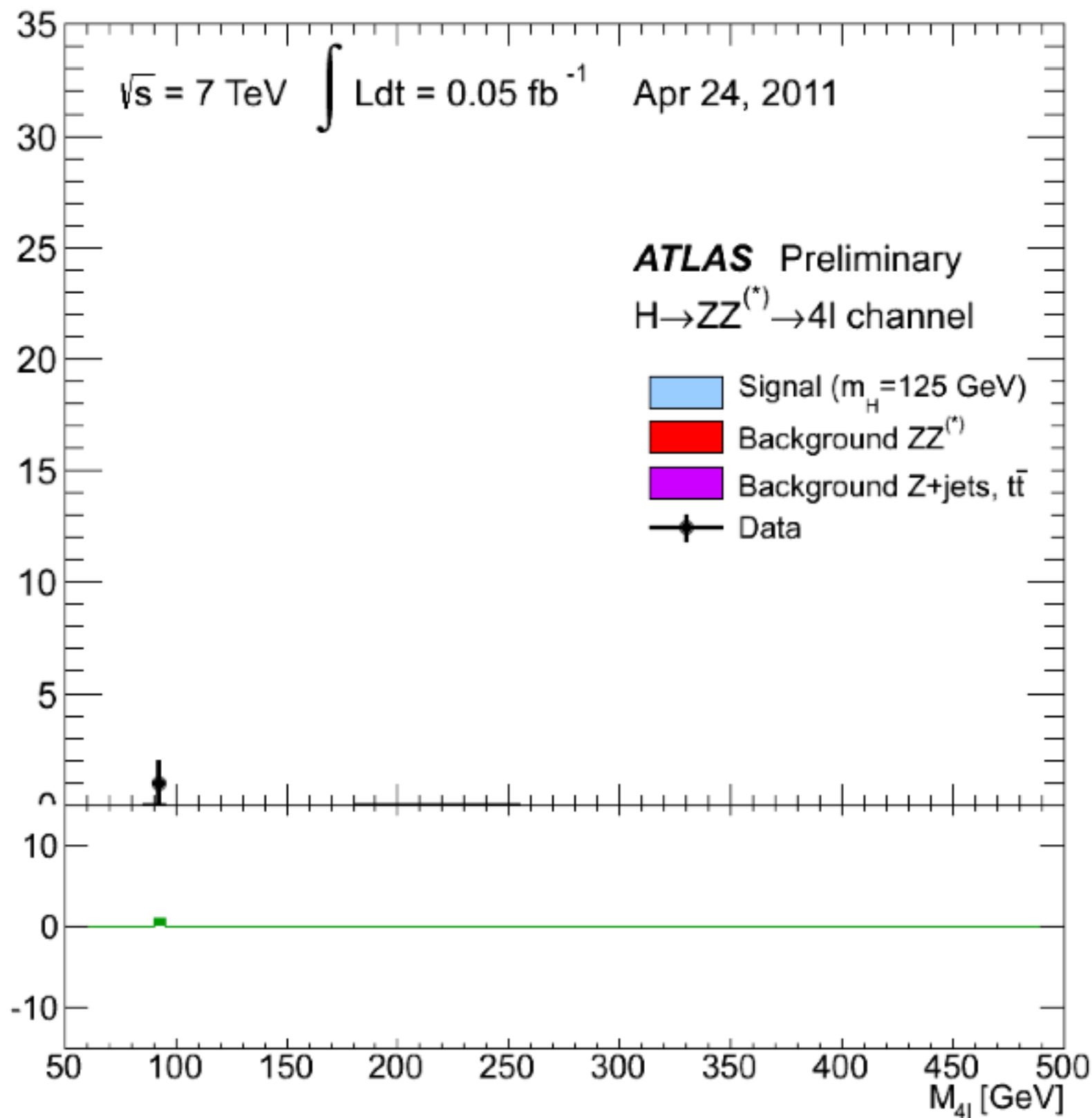
Events / 5 GeV

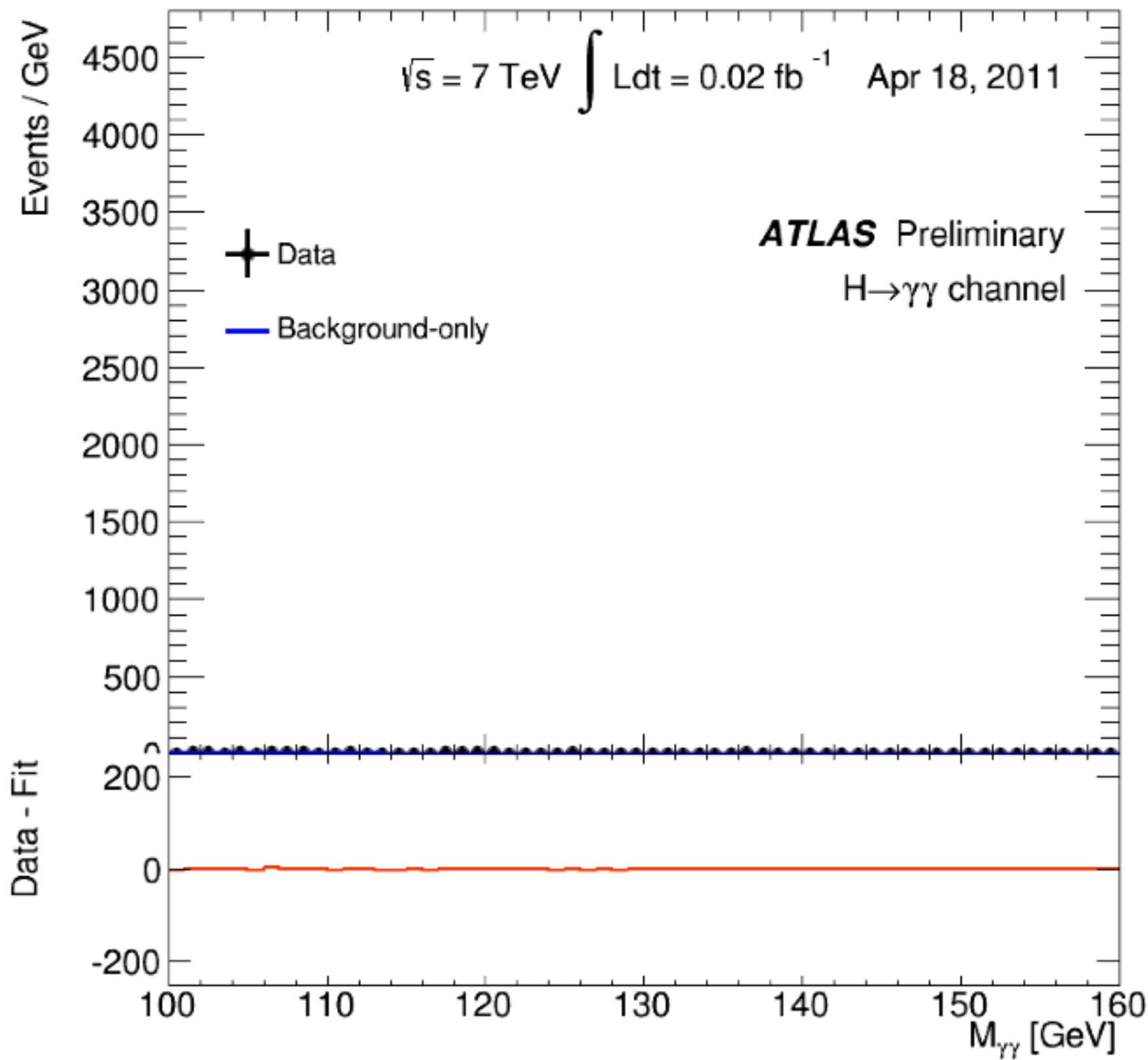
$\sqrt{s} = 7 \text{ TeV}$ $\int \mathcal{L} dt = 0.05 \text{ fb}^{-1}$ Apr 24, 2011

ATLAS Preliminary
 $H \rightarrow ZZ^{(*)} \rightarrow 4l$ channel

- Signal ($m_H = 125 \text{ GeV}$)
- Background $ZZ^{(*)}$
- Background $Z + \text{jets}, t\bar{t}$
- Data

Data - Background







Peter Higgs Francis Englert recibiendo el Premio Nobel de Física en 2013 por el descubrimiento de la partícula de Higgs

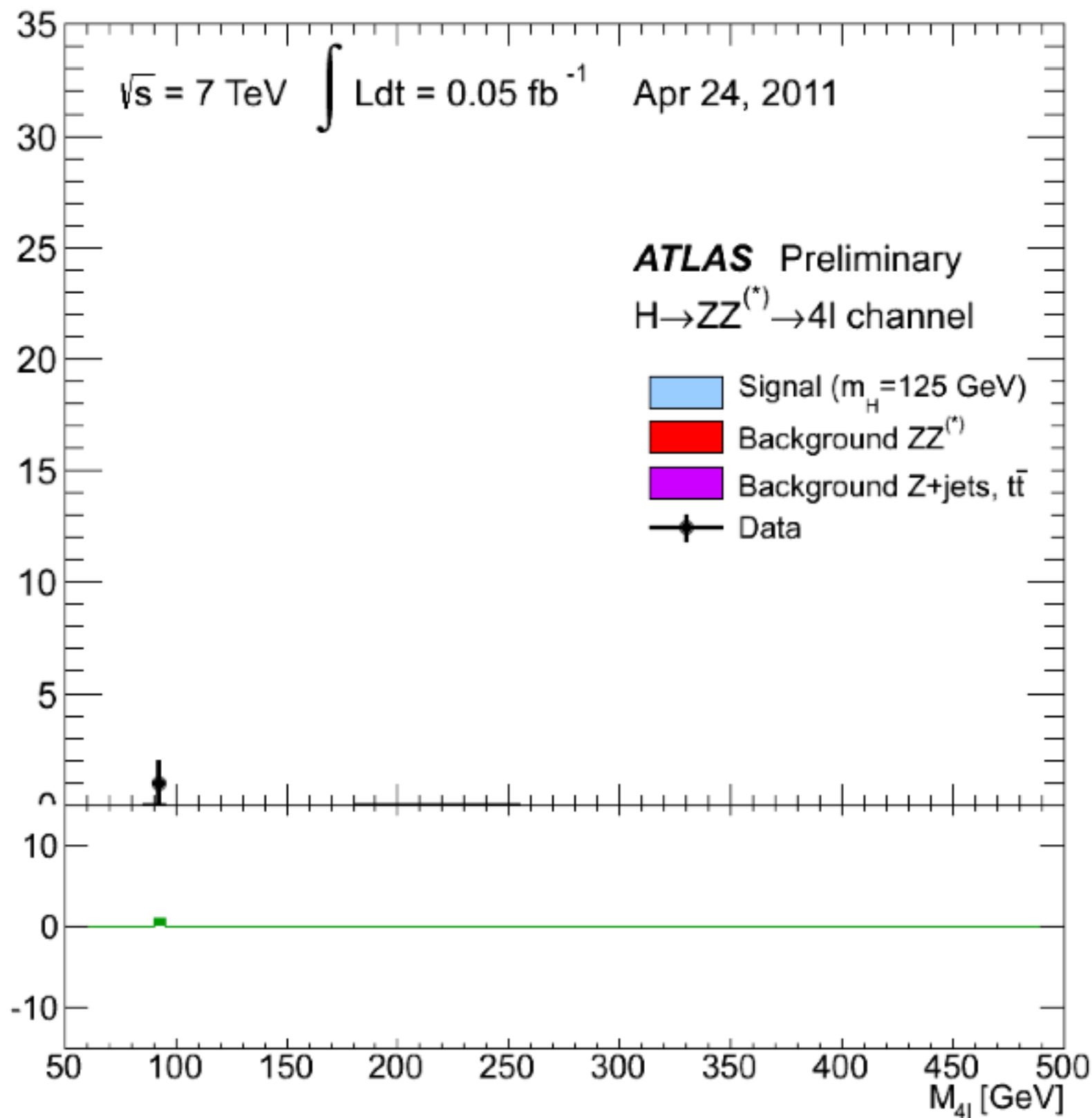
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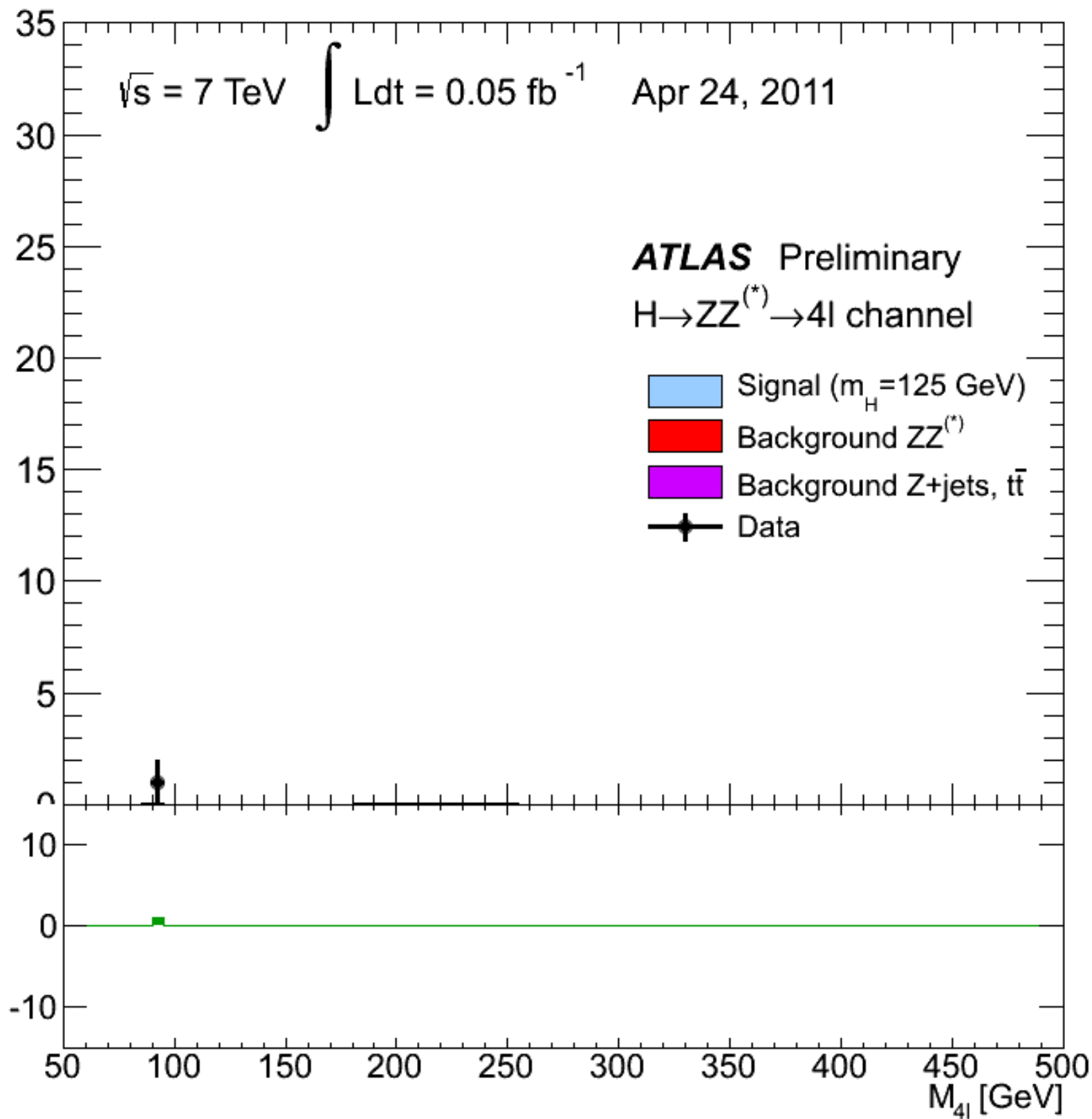
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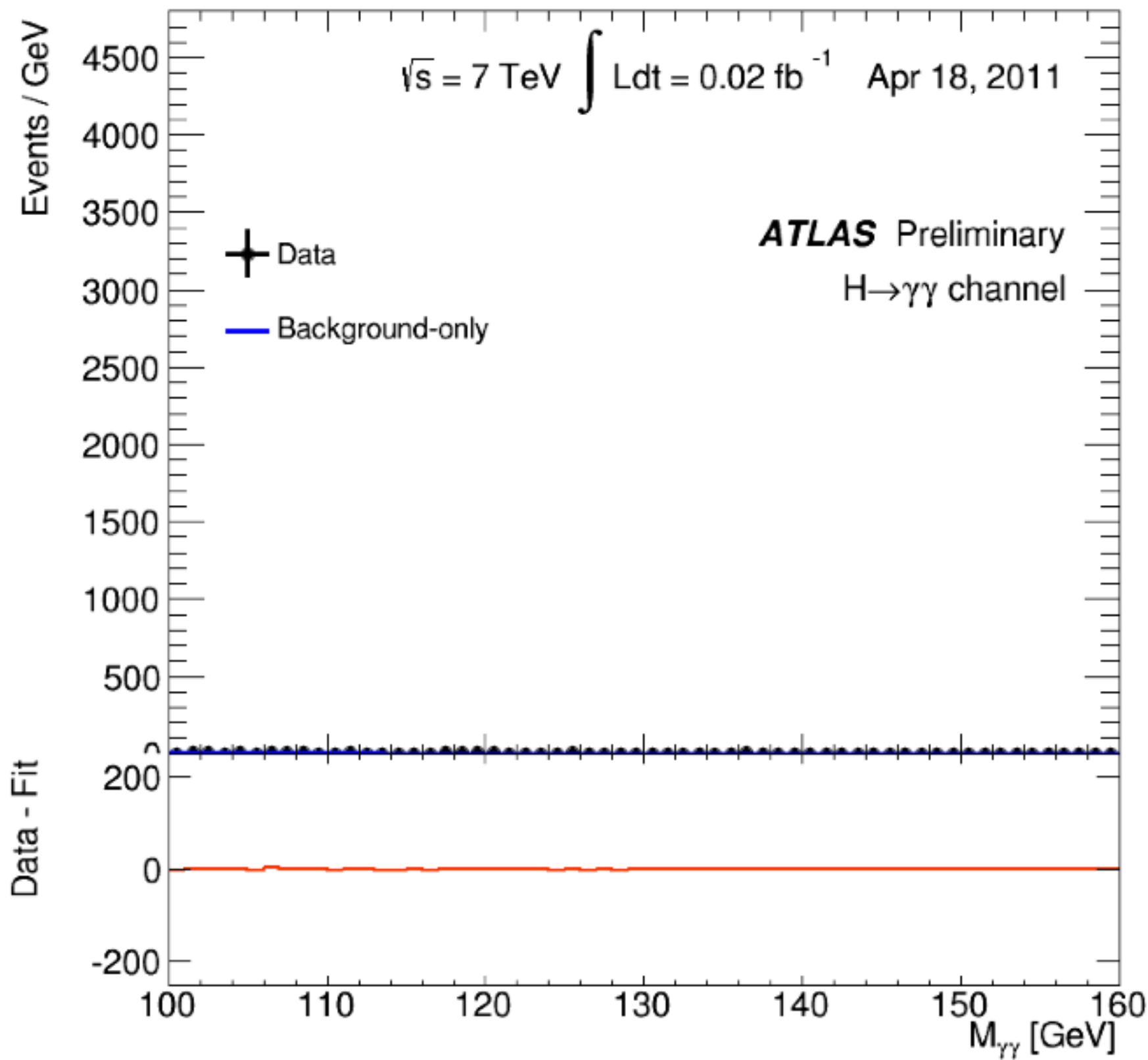
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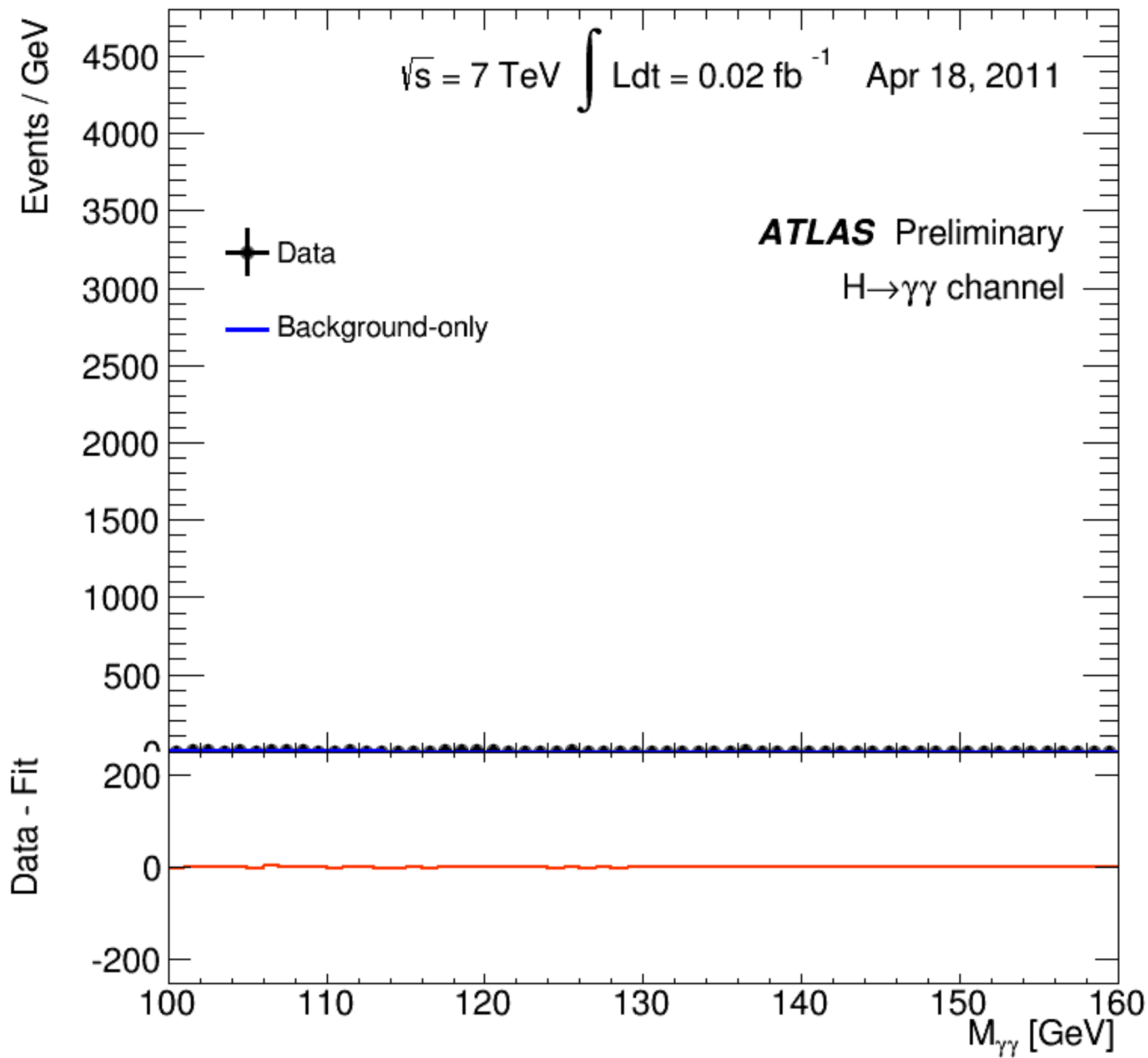
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O descobrimento do Higgs: ATLAS E CMS



Peter Higgs e François Englert reciben o Premio Nobel de Física no 2013 por este descubrimento!

DATOS SOBRE O CERN E O LHC