

Observing Higgs: ATLAS CMS

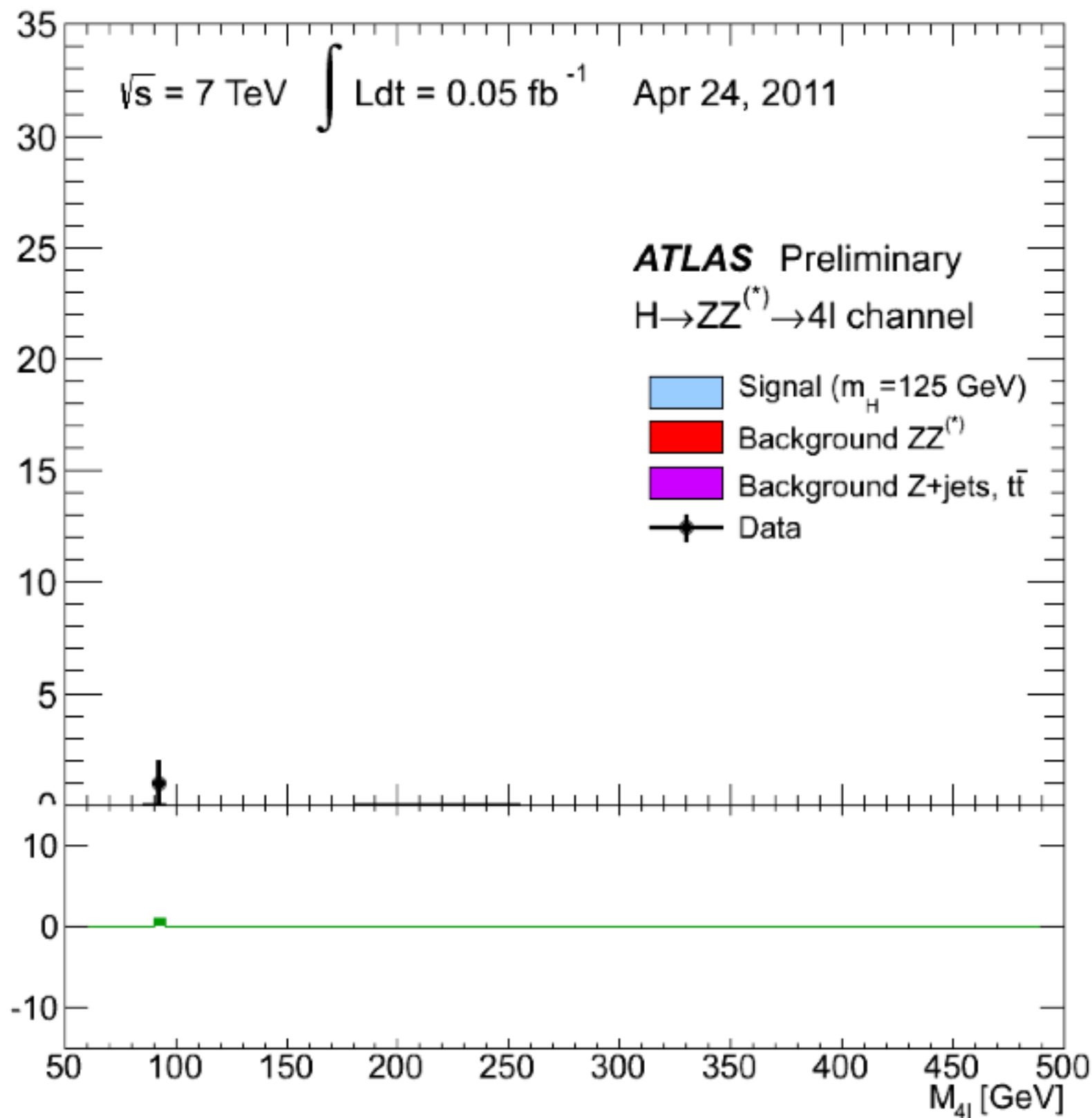
Events / 5 GeV

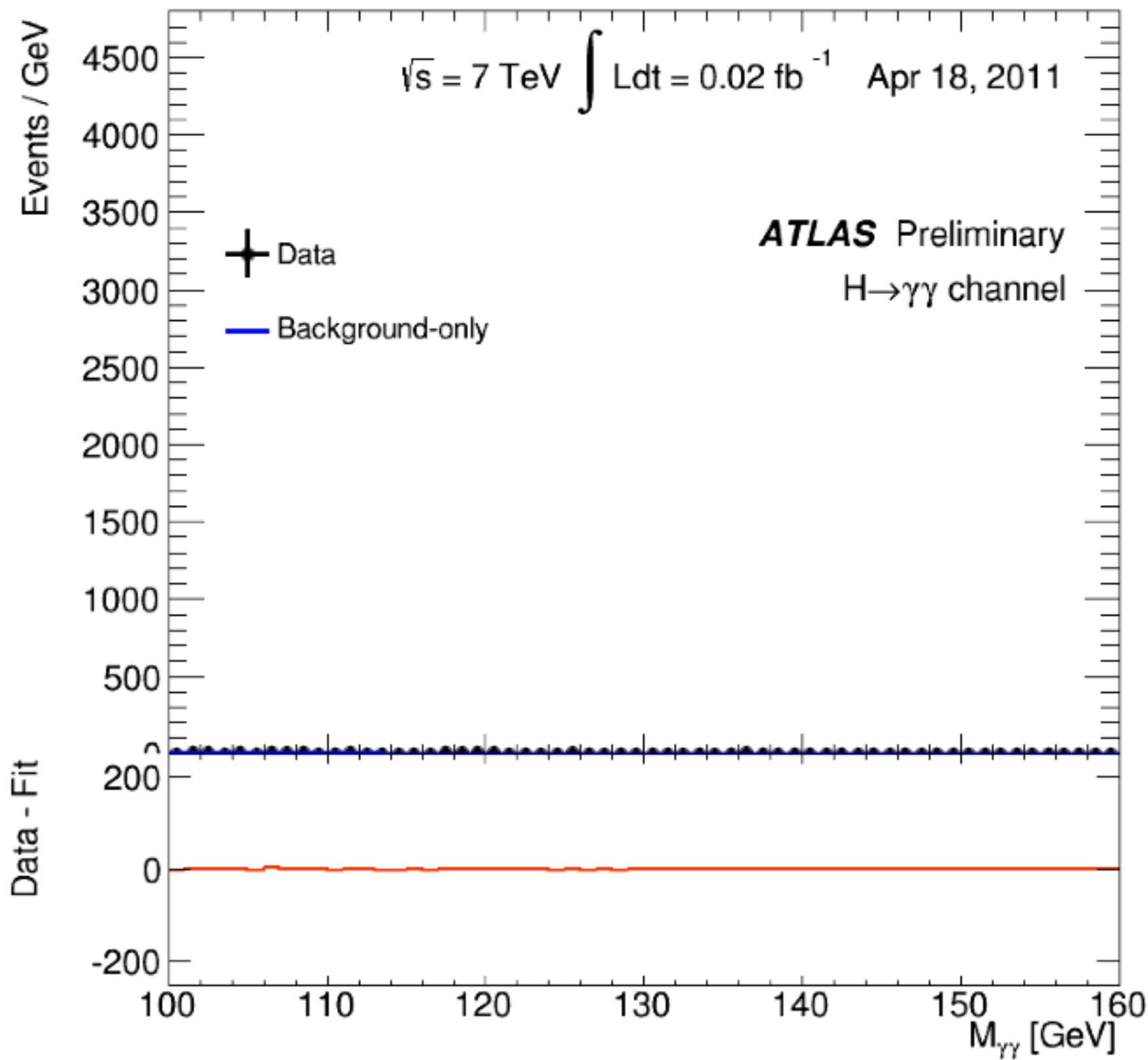
$\sqrt{s} = 7 \text{ TeV}$ $\int \text{Ldt} = 0.05 \text{ fb}^{-1}$ Apr 24, 2011

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

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

Data - Background







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

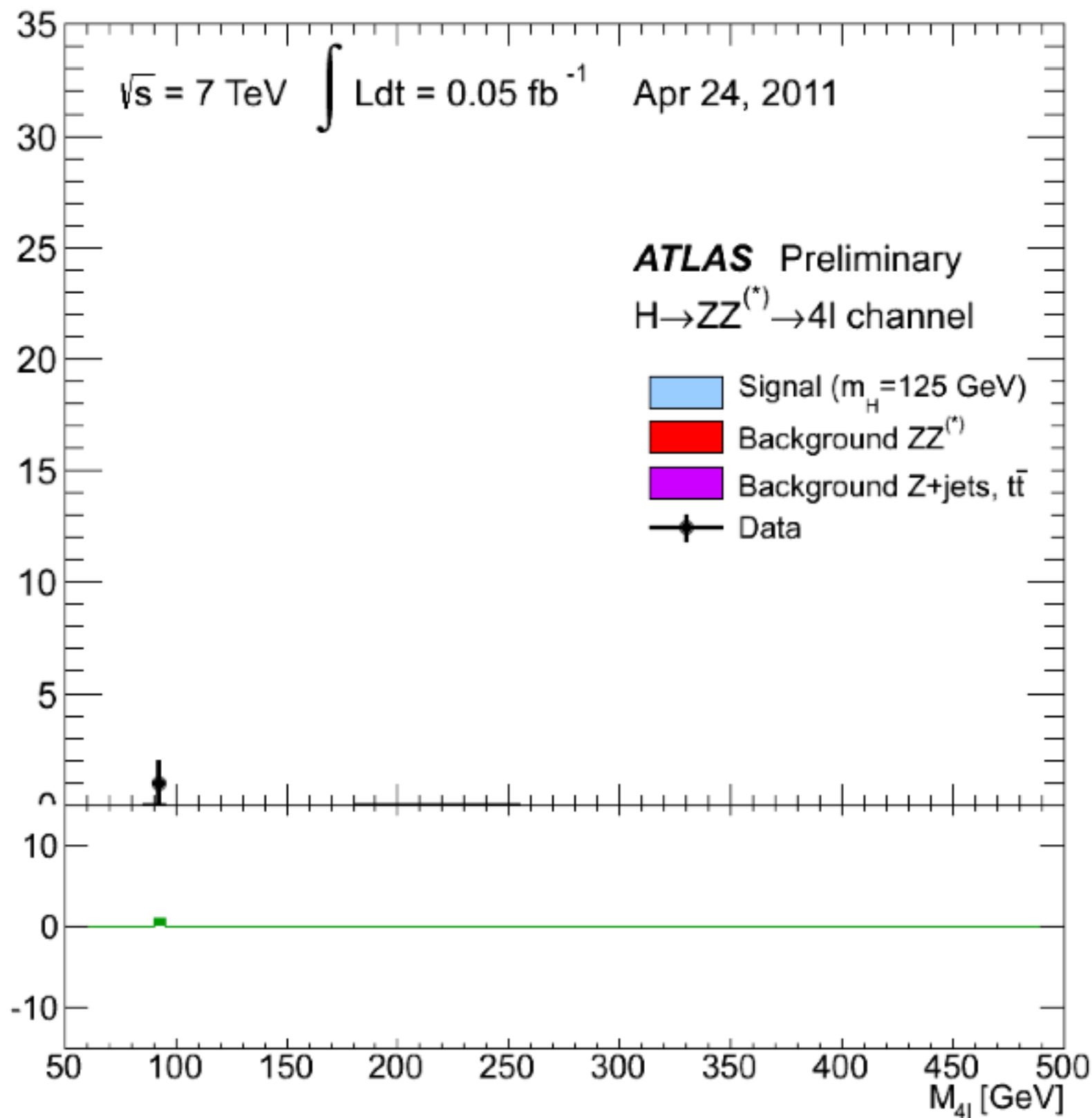
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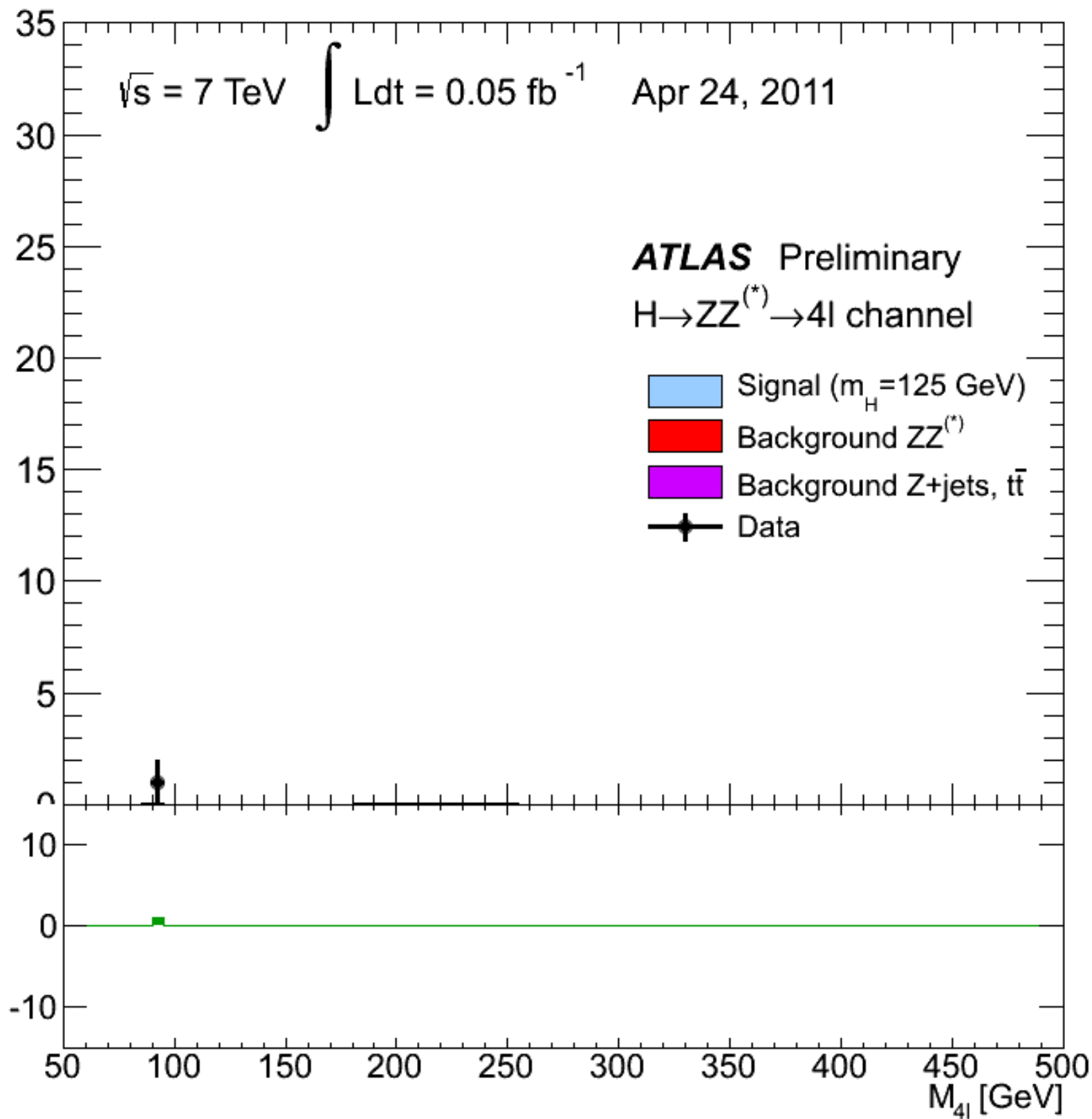
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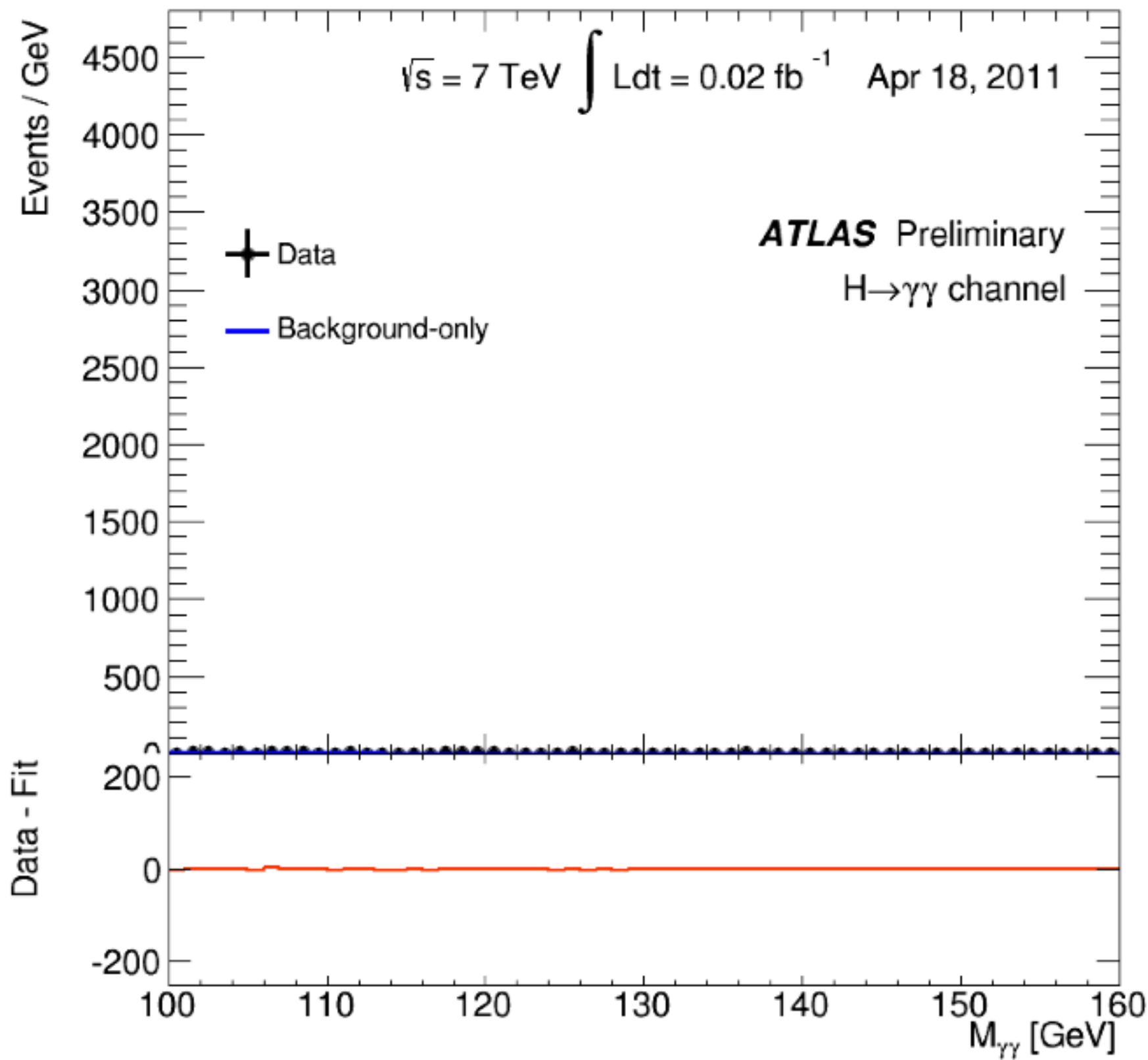
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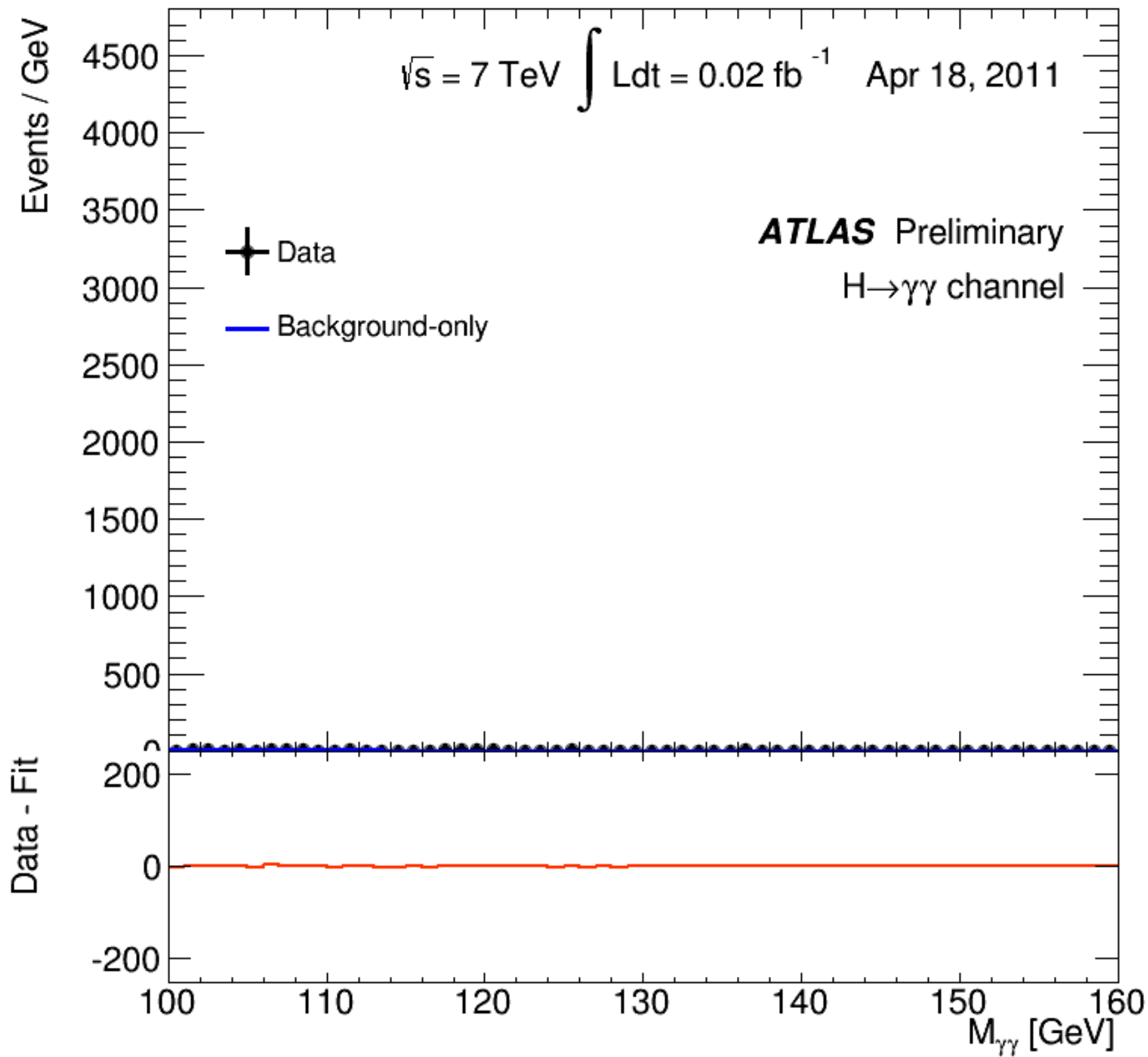
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O descobrimento do Higgs: ATLAS E CMS



Peter Higgs e François Englert recebem o Premio Nobel de Física no 2013 por este descobrimento!

DATOS SOBRE O CERN E O LHC