Searching for Ultra Rare Processes Using the Large Hadron Collider

$t \to q\gamma$

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Overview

The Standard Model of Particle Physics

- ▶ Newest Addition: Higgs Boson - 2012
- ▶
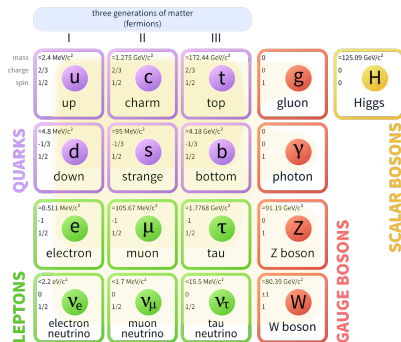
The Large Hadron Collider
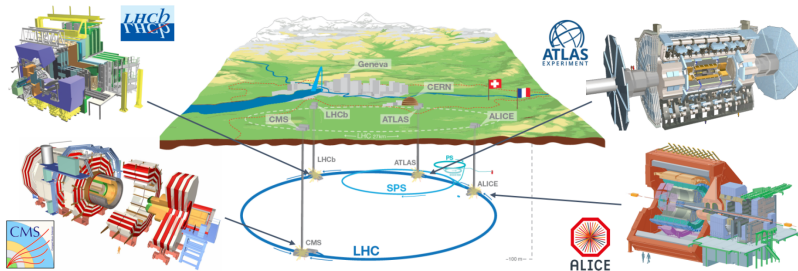
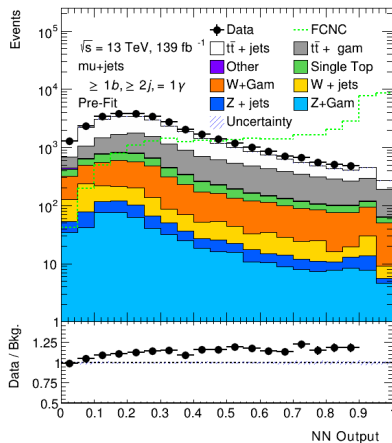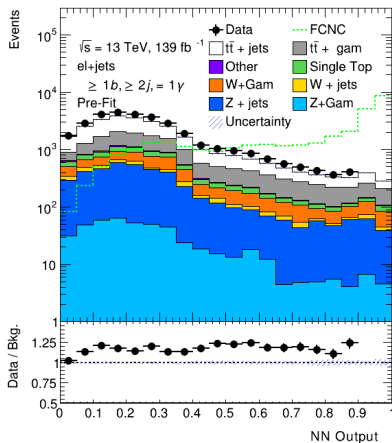# The ATLAS Detector
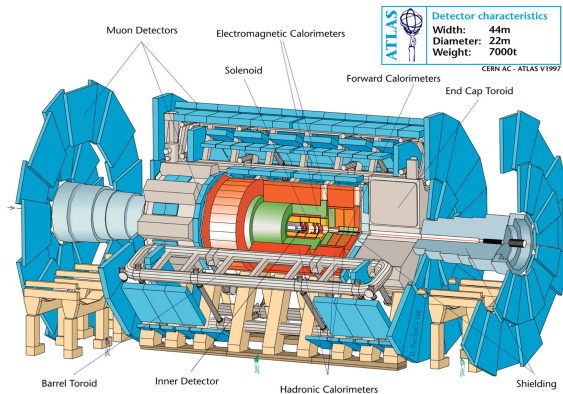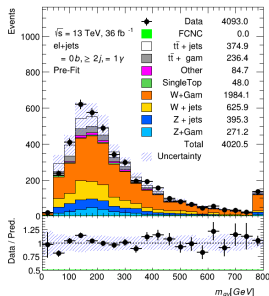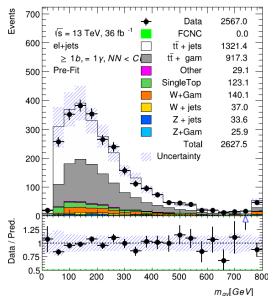
The Standard Model of Particle Physics
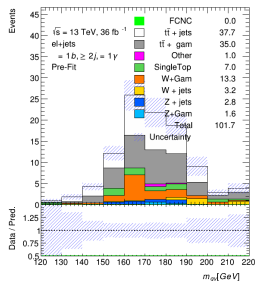
Initial Output Plots

▶ Validation Region 1

▶ Validation Region 2

▶ Signal Region

Outlook

-
-
- Questions?

Backup

FCNC Diagrams