

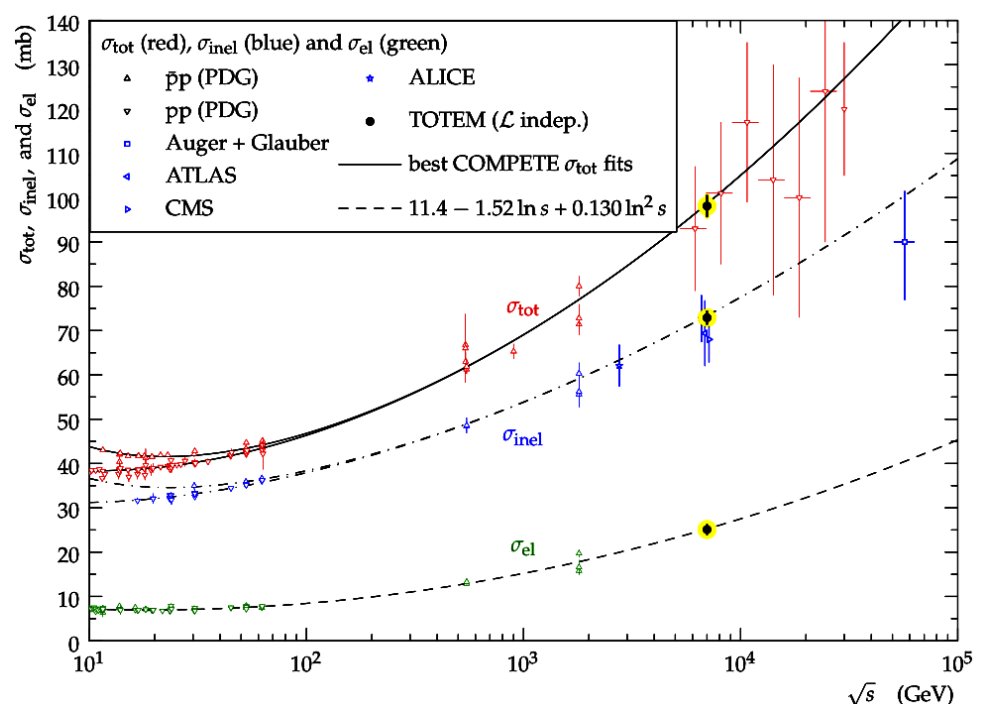
## Total pp (antip) cross section measurements at 2, 7, 8 and 57 TeV.

Nicolo Cartiglia (INFN Torino)

**Tuesday, 29 January 2013, 16:45 h**  
**DESY Auditorium**

This presentation reviews the status of total cross section measurements in light of new results from the Large Hadron Collider and AUGER.

We present an overview of the tools used to describe these measurements and discuss how the total cross section can be divided into sub-processes. We describe the various experimental techniques used at collider and cosmic-ray experiments and present the measurements challenges and their interpretations.



- **Coffee, tea and cookies will be served at 16:30h**
- **After the seminar there is a chance for private discussions with the speaker over wine and pretzels**

