



# ILD background study

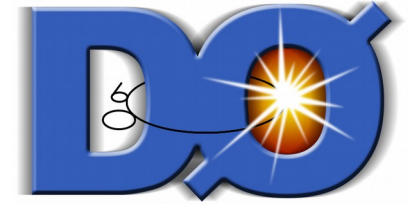
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# Plan

1. Previous experience in data analysis.
2. What now ?
3. Future plans

# Experience

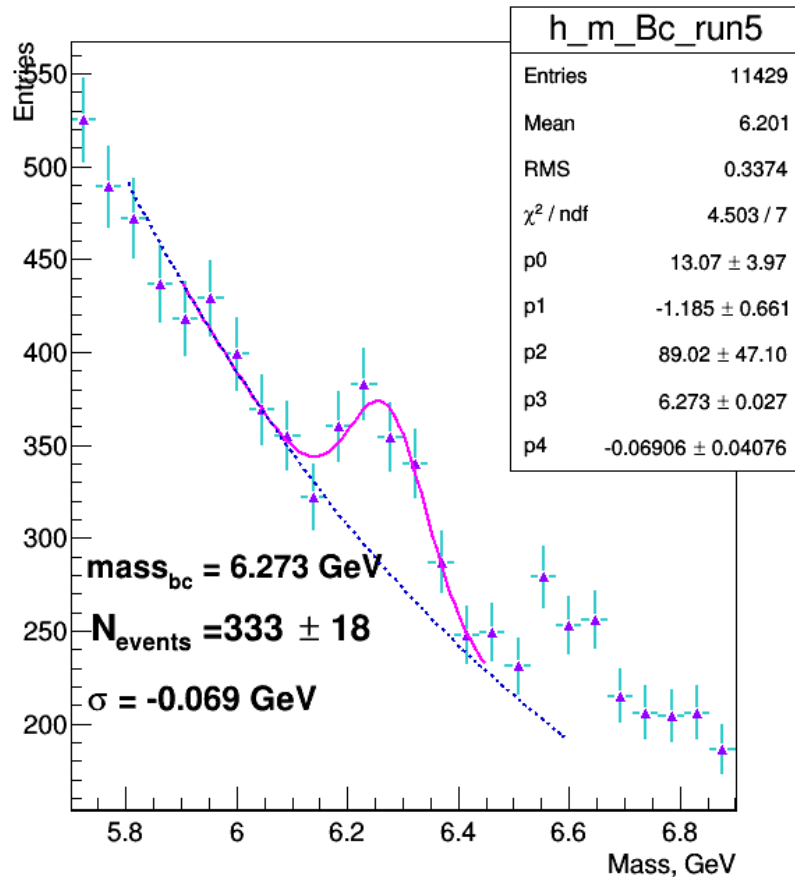
DZERO  
Fermilab



## Study Bc and search for Bc(2S) meson (bachelor's thesis)

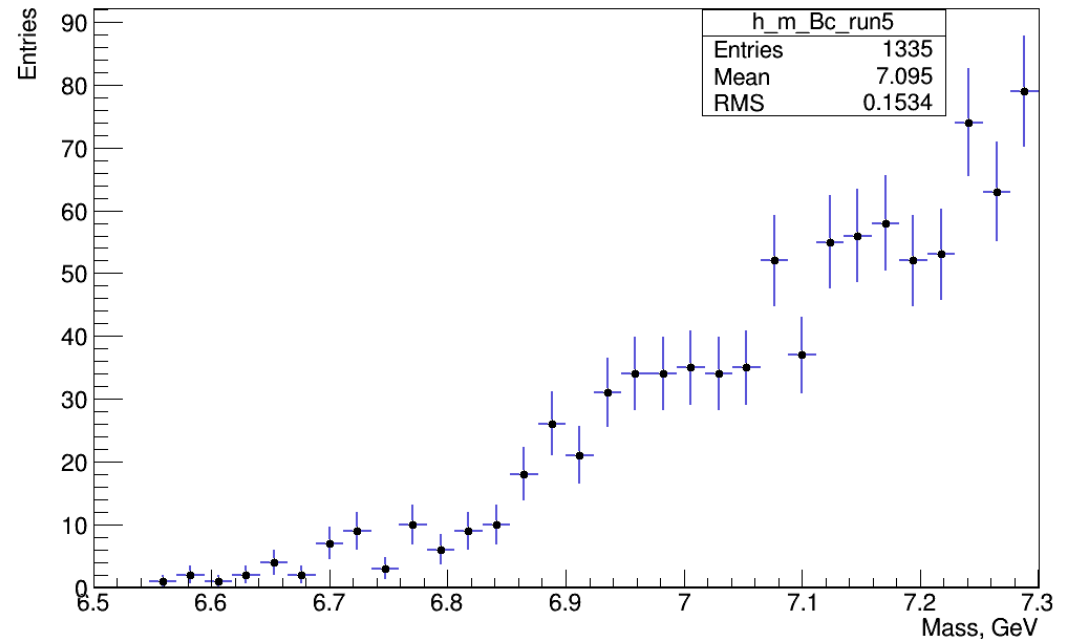
- Bc-meson observed with good statistic:

RD Bc mass spectrum



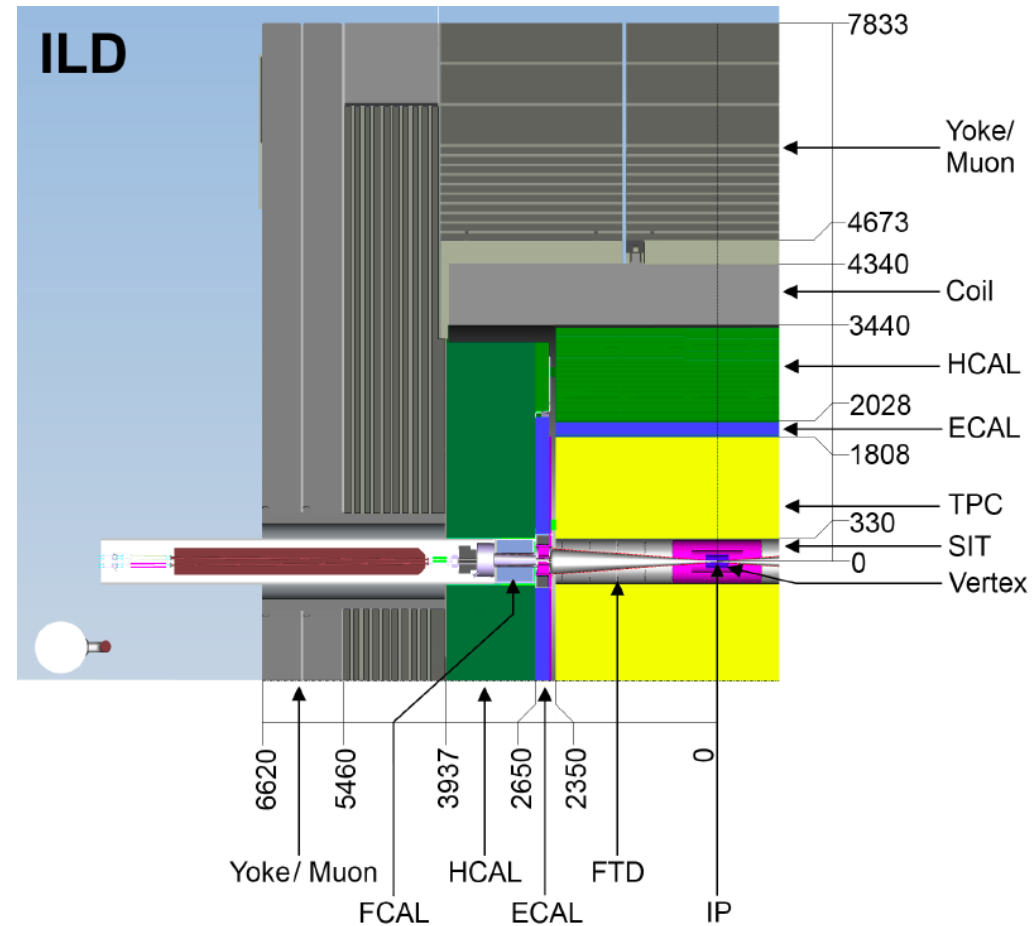
→ **no evidence Bc(2s)**

RD Bc excited mass spectrum



# ILD

- Detector for electron-positron linear collider (**ILC**) a total collision energy of 500 GeV ...
- ILD has been developed for high precision event reconstruction, as needed by the science program at the ILC...
- I would like to make contribution to the project



# What now ?

- ✓ DESY account
- ✓ DD4HEP
- GRID certificate – in process .
- Access to MC data and examples of cuts to start analysis
- Nearest plans : ILD background study



Thank your for attention !

