



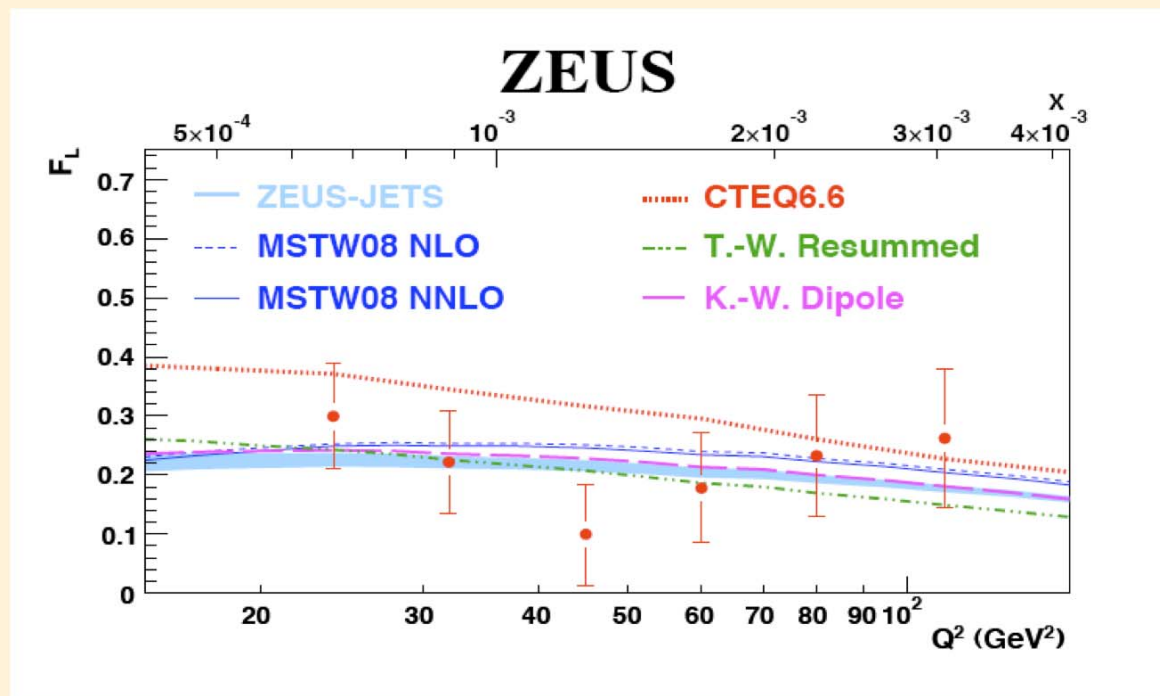
ZEUS

- Recent achievements
- Physics plans
- Resources

Tobias Haas ZEUS/DESY



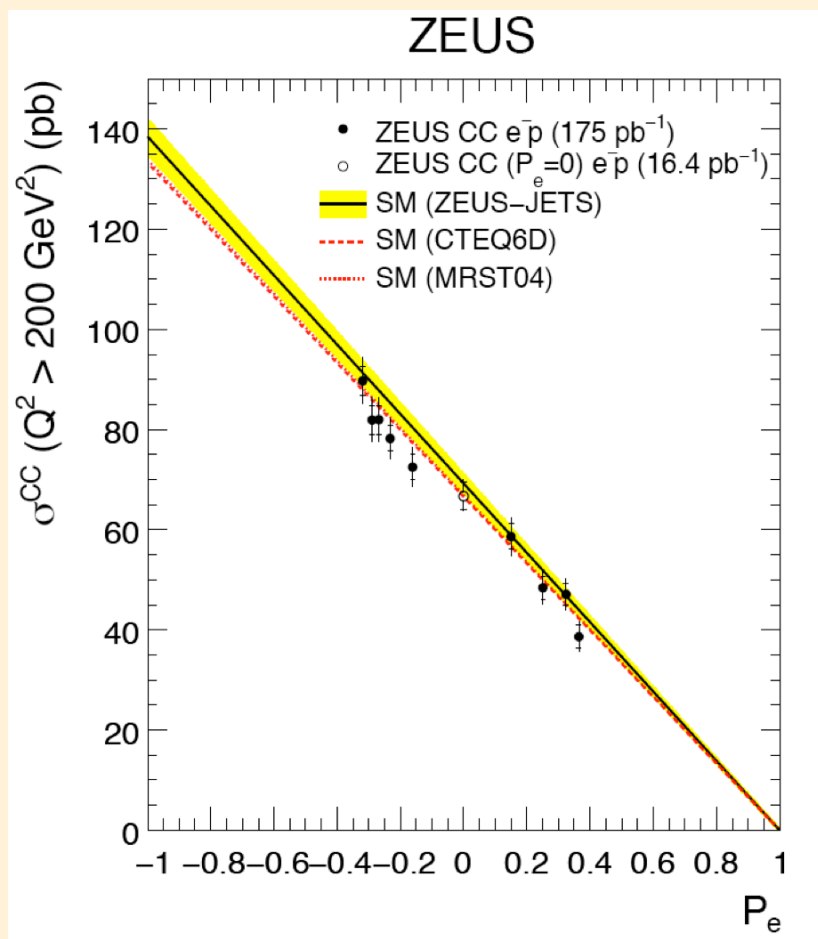
Longitudinal Structure (F_L)



- Most precise F_L & F_2 values ever achieved at low x
- Milestone in understanding the proton and QCD dynamics



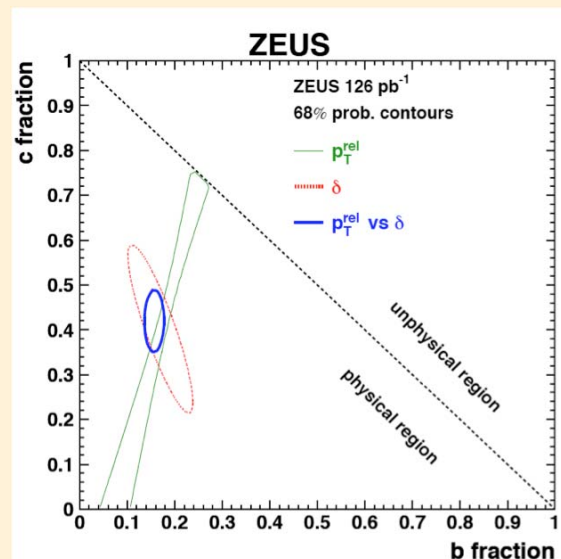
Charged current cross section



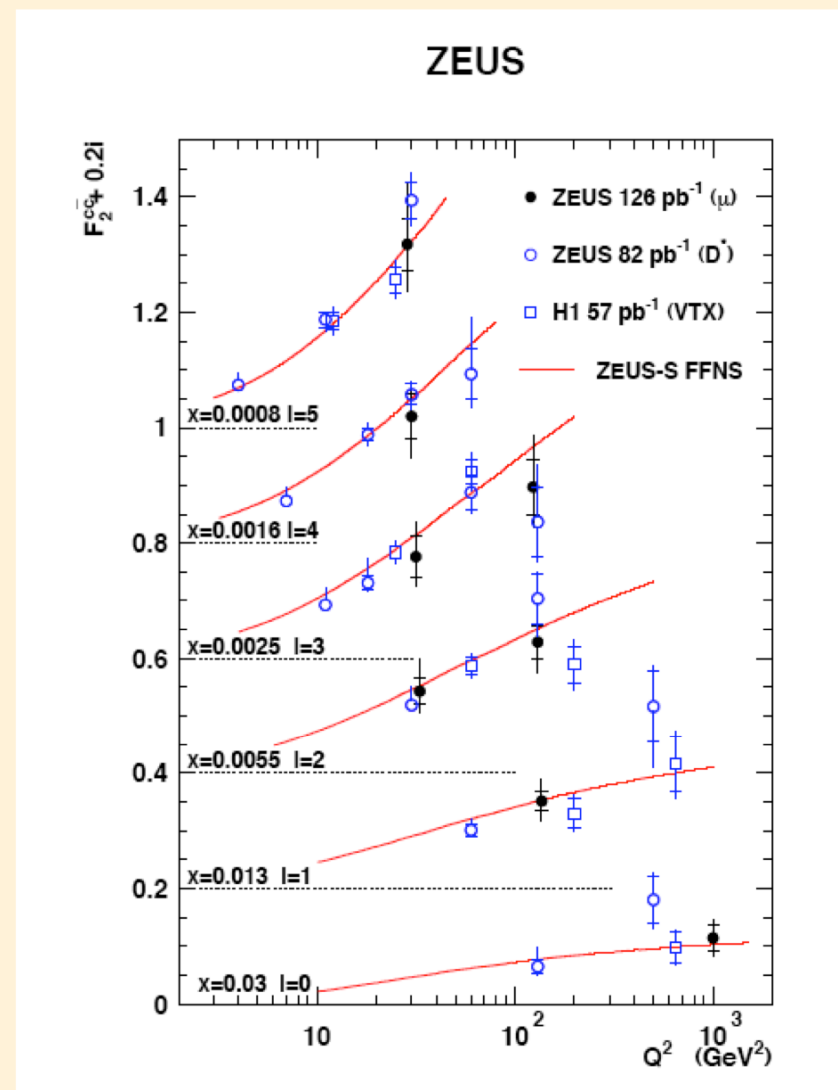
- Important check of parity violation in the space-like weak sector



Charm and beauty production

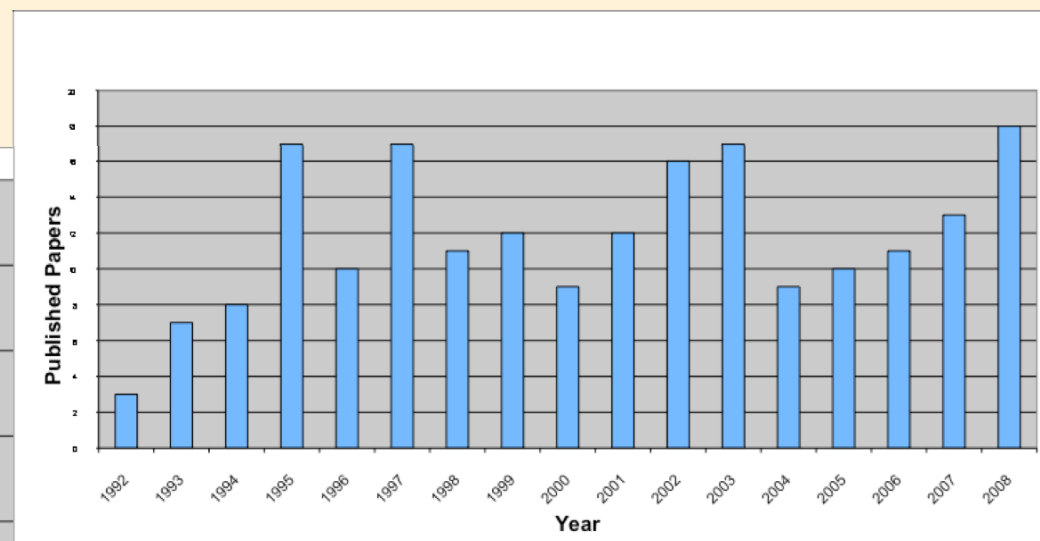
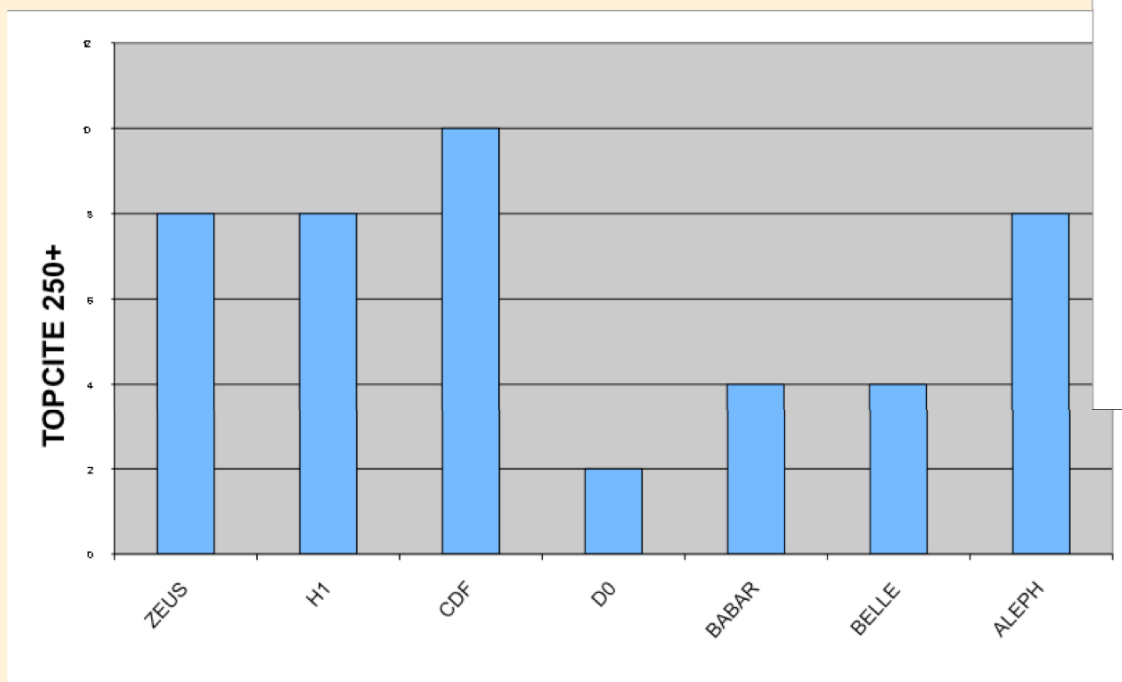


- Beautiful precision improvement
- but only the starting point





Paper Statistics



202 papers so far



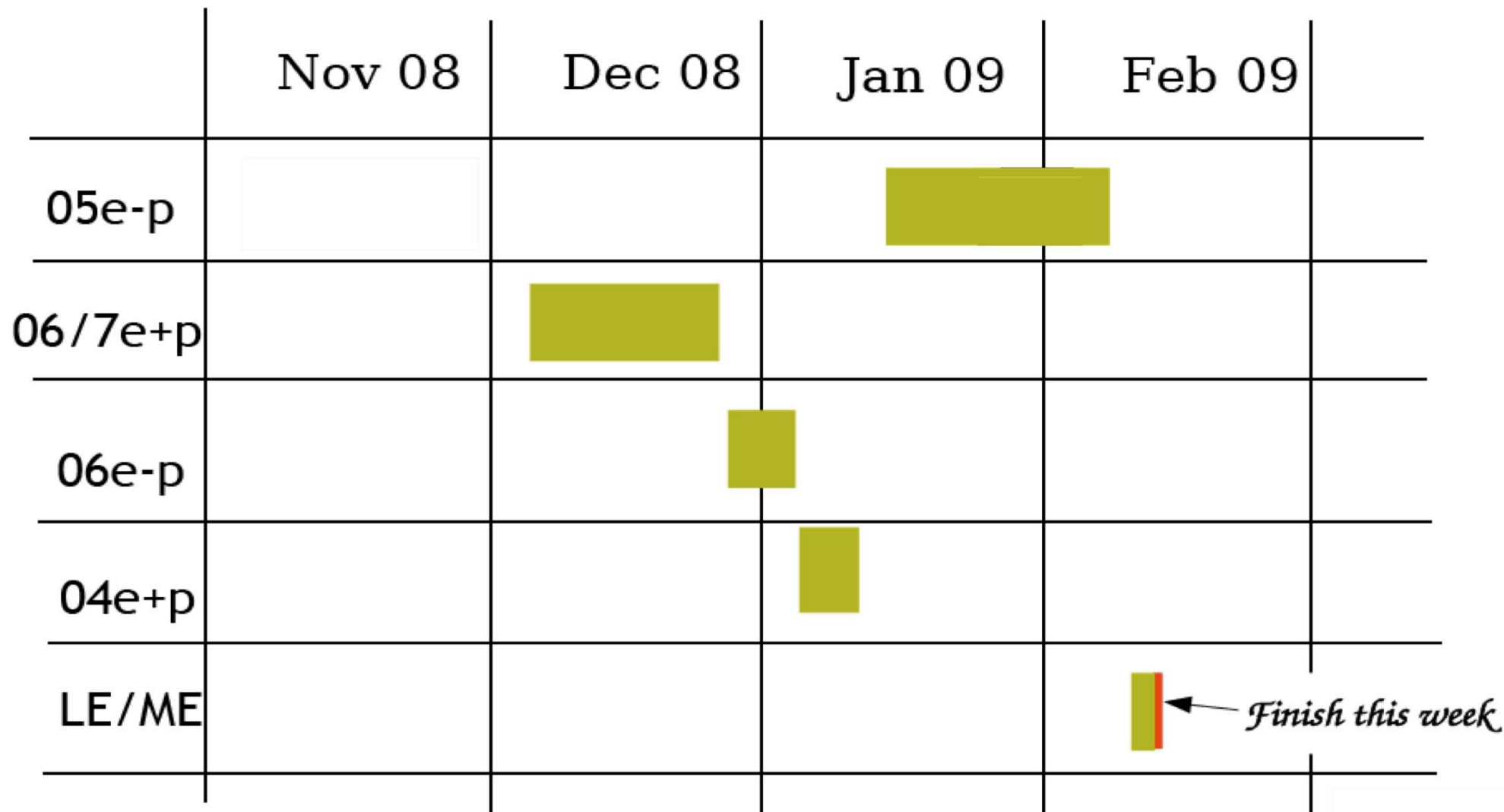
2009 publication plan

- Dijets with leading neutrons
- Neutral currents with e^+ at high Q^2
- Charged currents with e^+ at high Q^2
- Longitudinal structure function
- F_2^{cc} from muons
- F_2^{bb}
- Scaled momentum distributions in photoproduction
- Scaled momentum distributions in the Breit frame in DIS
- $Di\text{-}\tau$ production
- J/ψ helicity distributions
- J/ψ production at high- t
- QCD fits to diffractive data
- Prompt photon production
- Total photoproduction cross section
- Y production
- Di-lepton production

60 more papers on the list for 2010 – 2013



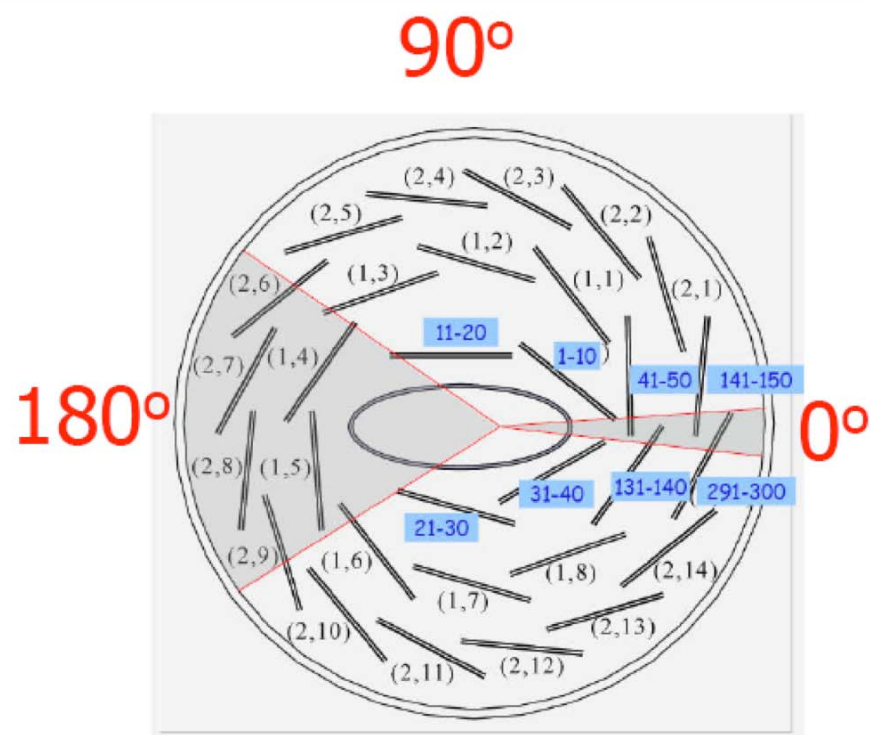
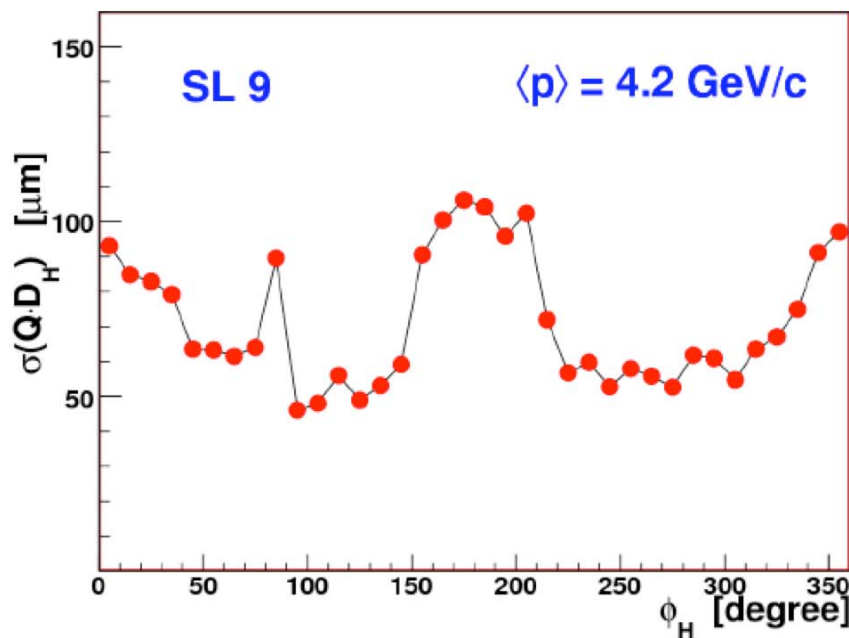
Final Data reprocessing





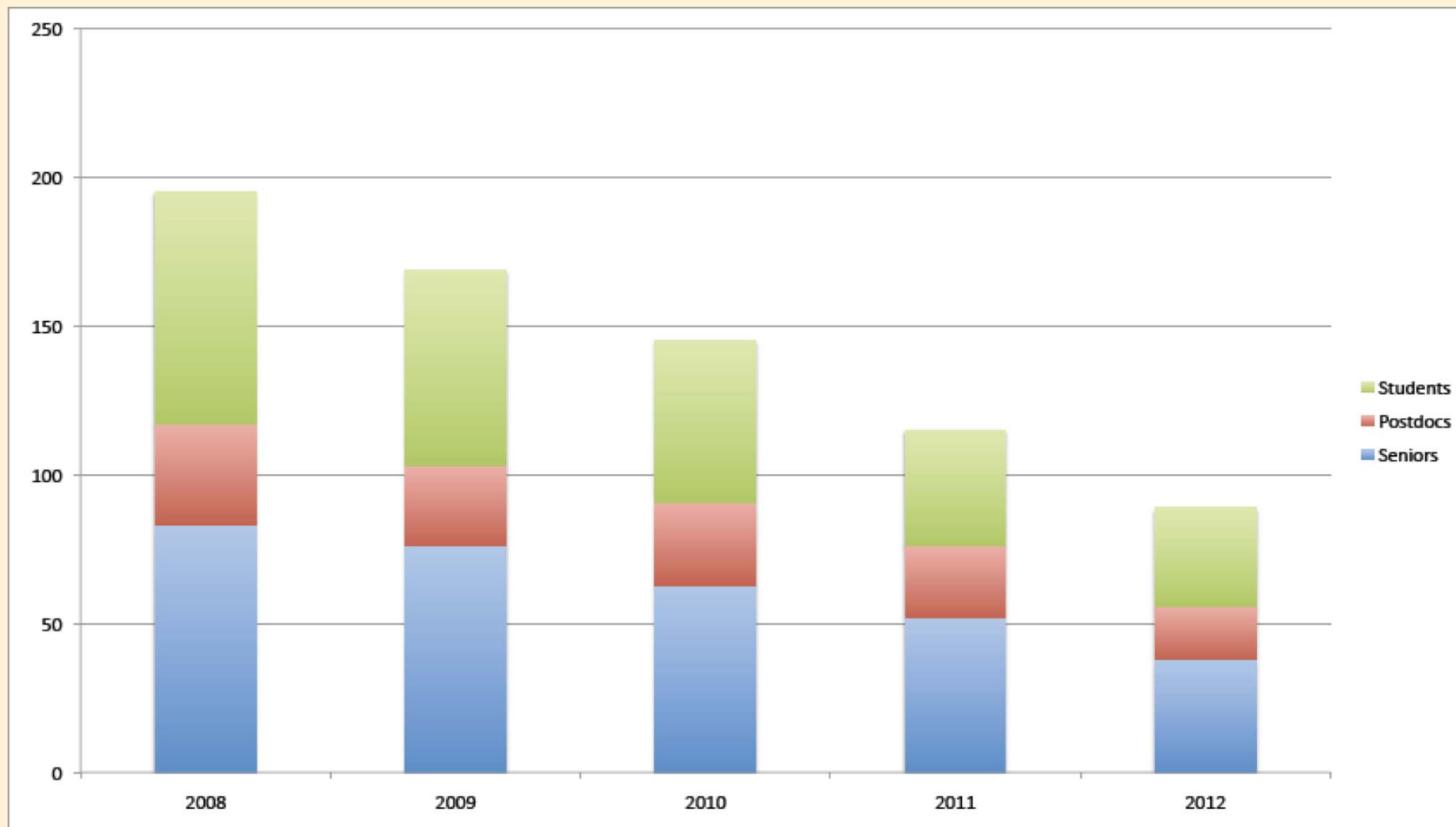
Reprocessing benefits

Impact parameter resolution





Manpower 2008 - 2012





LHC

HERA

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