

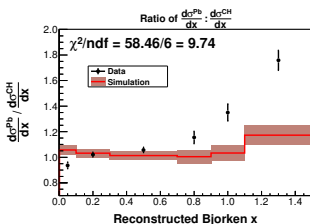
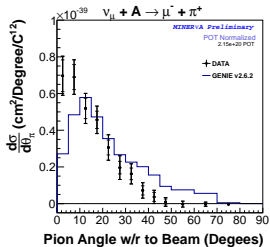
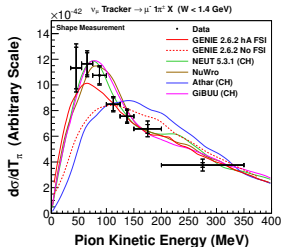
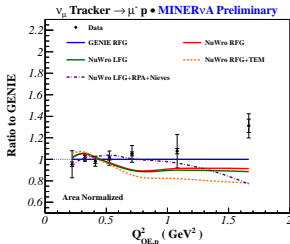
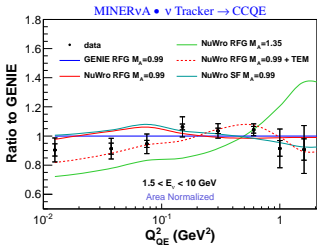
# MINERVA

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June 15, 2014

# MINERvA status



## MINERVA and the Red Queen



*“Now, here, you see, it takes all the running you can do, to keep in the same place.”*

# MINER $\nu$ A's distinguishing features

- ▶ Data
- ▶ Small collaboration
- ▶ GAUDI
- ▶ Co-ordination with MINOS
- ▶ Many  $\sim$ equally-important analyses
- ▶ Lots of legacy code

# Production scripts

- ▶ All offline processing driven by ProductionScripts
- ▶ Have to handle all combinations of beam config, MINOS det config, presence/absence of ArgoNeuT, full/empty water target, full/empty helium target, MINOS simulation, job submission
- ▶ Grew organically, so can be difficult to modify

# Data handling 1

- ▶ Technologies: ifdh, dCache (mostly SFA), FTS, SAM
- ▶ Migrated to using dCache instead of bluarc for processing in last few months
  - ▶ Highly nontrivial
  - ▶ Relied heavily on data handling review with CD in April

## Data handling 2

- ▶ Using FTS, but not all features
- ▶ SAM: Use DB functionality but not file delivery yet

# Grid usage

- ▶ Use cases:
  - ▶ Production
  - ▶ User analyses
  - ▶ Monitoring processing(!)
- ▶ Challenge in setting priorities, monitoring whether it's working



## Other things

- ▶ ifbeam DB, NuConDB