

Non-LHC experiments in HEPDATA

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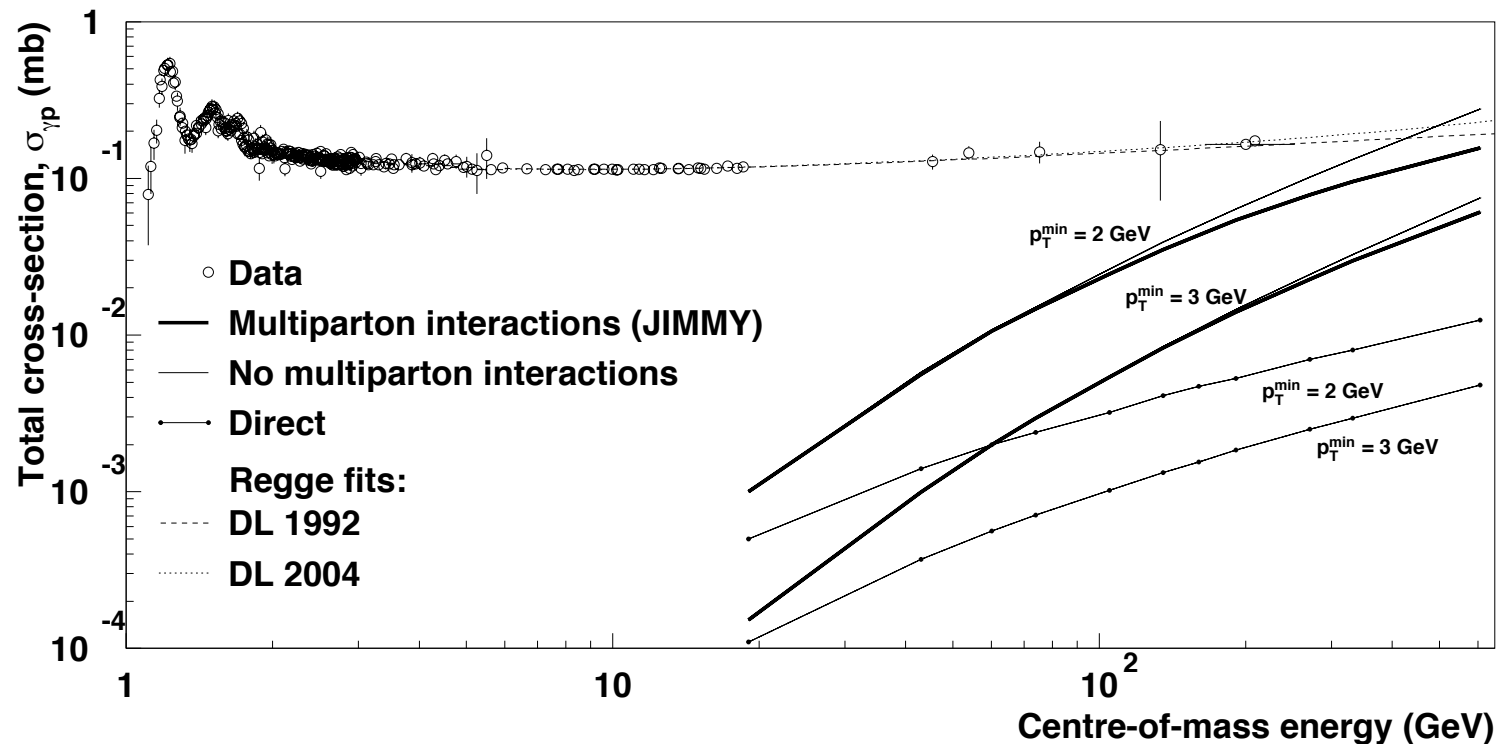
- Status of inclusion of larger experiments
- Other data, older data.

Status of inclusion of larger experiments

- On a quick look, the more recent H1 and ZEUS results are not included — last couple of years.
- Definitely some results from HERMES not included and COMPASS maybe missing some.
- Belle and Babar have many more papers than entries in HEPDATA — maybe not all should be included.
- Is it expected that Collaborations submit data or are they entered by HEPDATA people ?

Older data

- Are all total cross section data, e.g. pp, gamma-gamma, etc., as in PDG in HEPDATA ?
- There are lots of measurements and I'm not sure they are all in.
- Would need to look through PDG references and check.
- When I made the plot below, it took a long time.



Other data

- E.g. Belle and BaBar have papers included in HEPDATA (~25 each), but e.g. BaBar have about 500 in total.

Thoughts on this ?

- Inclusion of particle decay data ?
- Relation to PDG ? Other variables, e.g. helicity, ...
- How to be done ? E.g. just the papers, combinations like PDG (I guess not) ?
- Data on test-beam and instrumentation development ?
 - Experiments have test-beam data which helped improve detectors and fed into GEANT.
 - E.g. collaboration like CALICE has lots of useful data.
 - Can the data be (easily) used ?
 - Probably needs significant input from collaborations.
 - Is this possible ? Data not corrected ?

**I know something has happened
and am interested to hear details.**