PDF4LHC Run 2 recommendation document

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Outline

Contents

can we move older updates from Section 2 into Section 1, so that Section 2 concentrates on the newest generation of PDFs? I think that gives more *punch* to section 2

need HERAPDF2.0 LHgrids for section 3

section 4 contains the prescription for what PDFs to use, but not how to use them (so relatively uncontroversial)

in section 5, right now the benchmarking
is only between the CMC PDFs and META-PDFs.

of course, section 6 is the most controversial and can not be written until we make a decision

section 7 presumably is related to GM-VFNS, reasonably global PDF fits, etc

in section 8, we should indicate some ideas how HERAPDF/limited sets may be included in future iterations