

1 Current Status of ΔG

Abhay says this may go in a more general section earlier in the document. But will we write this irrespective of where it goes?

1.1 Current status outside RHIC

1.1.1 Recent results

primarily COMPASS - others?

Cross section agreements - not here - some general theoretical discussion?

Recent fits to DIS

1.1.2 Impact of RHIC results

Present STAR and PHENIX results together not in two separate sections

1.1.3 Inclusive π^0 and jet

Get away from the 4 curves. especially no GRSV max. Add comparison to other PDFs.

PHENIX may have final 2006 π^0 . STAR will not have final just preliminary 2006.

Combined comparison of STAR and PHENIX π^0 results to theory?

Combine π^0 and incl. jets in CL or χ^2 plot?

Marco - close to a global fit - This topic might be a full subsection

Contact ACC?

In all cases need to fill out list of expected plots and any new calculations and simulations that might be needed.

Inclusive gamma and gamma-jet NLO predictions of A_{LL} for various PDFs.

1.1.4 Other channels

dijets

charged pions

gammas, gamma-jet

1.2 ΔG Measurements in the next 5 years

What are the 5 years (2009-2013?)

Should this section split Phenix and STAR or organize by channel?

1.2.1 Inclusives

π^0 STAR and Phenix

jets STAR

gammas

500 GeV

1.2.2 2 body final states

dijets and dihadrons

gamma-jet, gamma-hadron

This is where Steve wants the emphasis

500 GeV

1.2.3 Heavy Flavor

Both experiments have tracking upgrades planned.

2 Todo for 2/21

Suggestion was to meet again 2/21 6pm.

Need to specify plots needed and assign to responsables.

Need to specify sections in outline and assign to responsables.