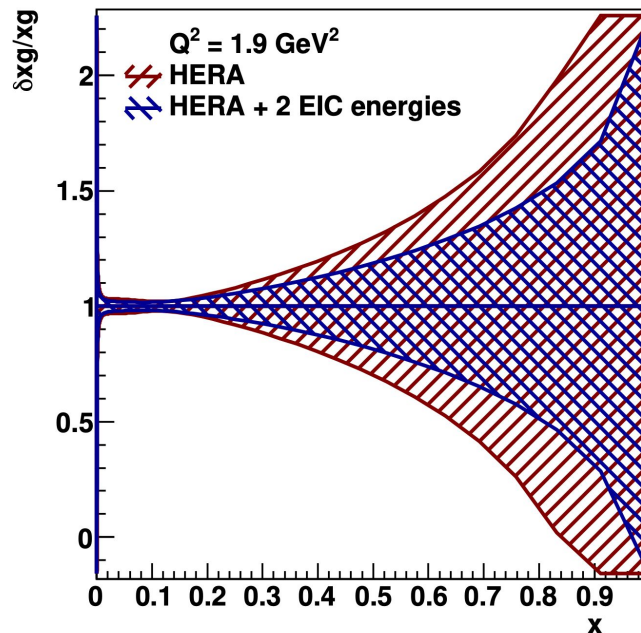
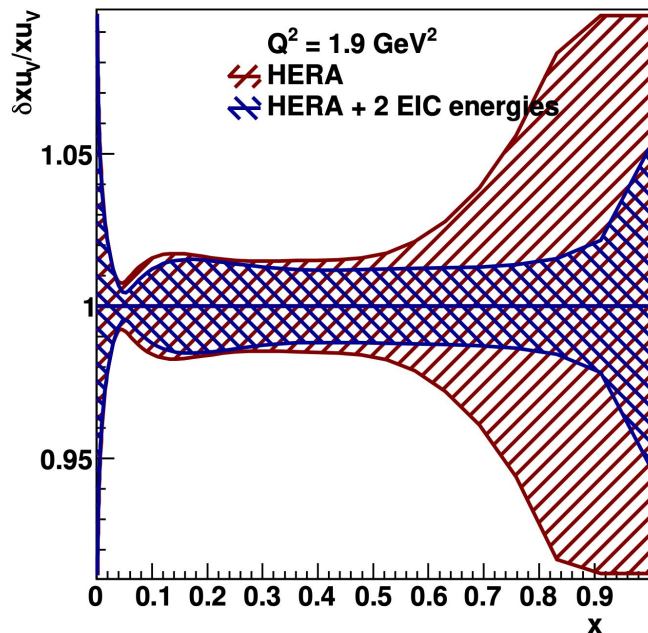


Analysis readiness for NIM A ESR

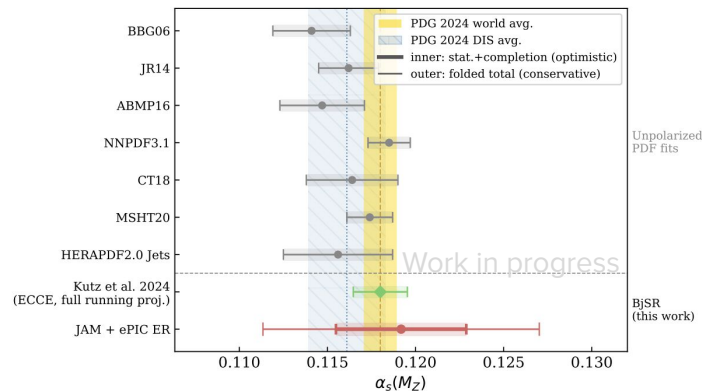
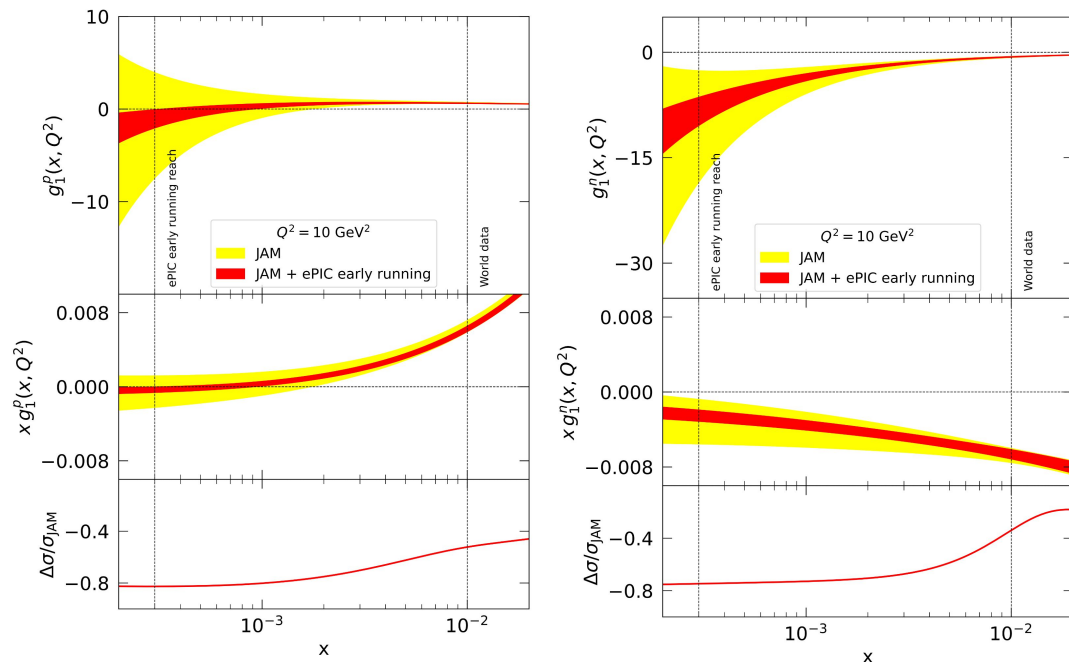
Inclusive Physics Working Group

Physics Analysis Coordination Meeting, 09/29/2026



- Grids for 9x130 and 9x275 GeV are updated, PDF projections ready
- $\alpha_s$  extraction uncertainty verification in progress; expected tomorrow
- Results are pretty much the same as before
- nPDFs: in progress, likely 1 month away for full fit with EIC pseudodata

# Proton and neutron $g_1$



- A1 data are reanalysed, and  $g_1$  projections are updated
- ES BJSR  $\alpha_s$  may not be competitive enough (will discuss at inclusive PWG meeting tomorrow)
- Might be better to move this comparison to the full EIC running scenario.