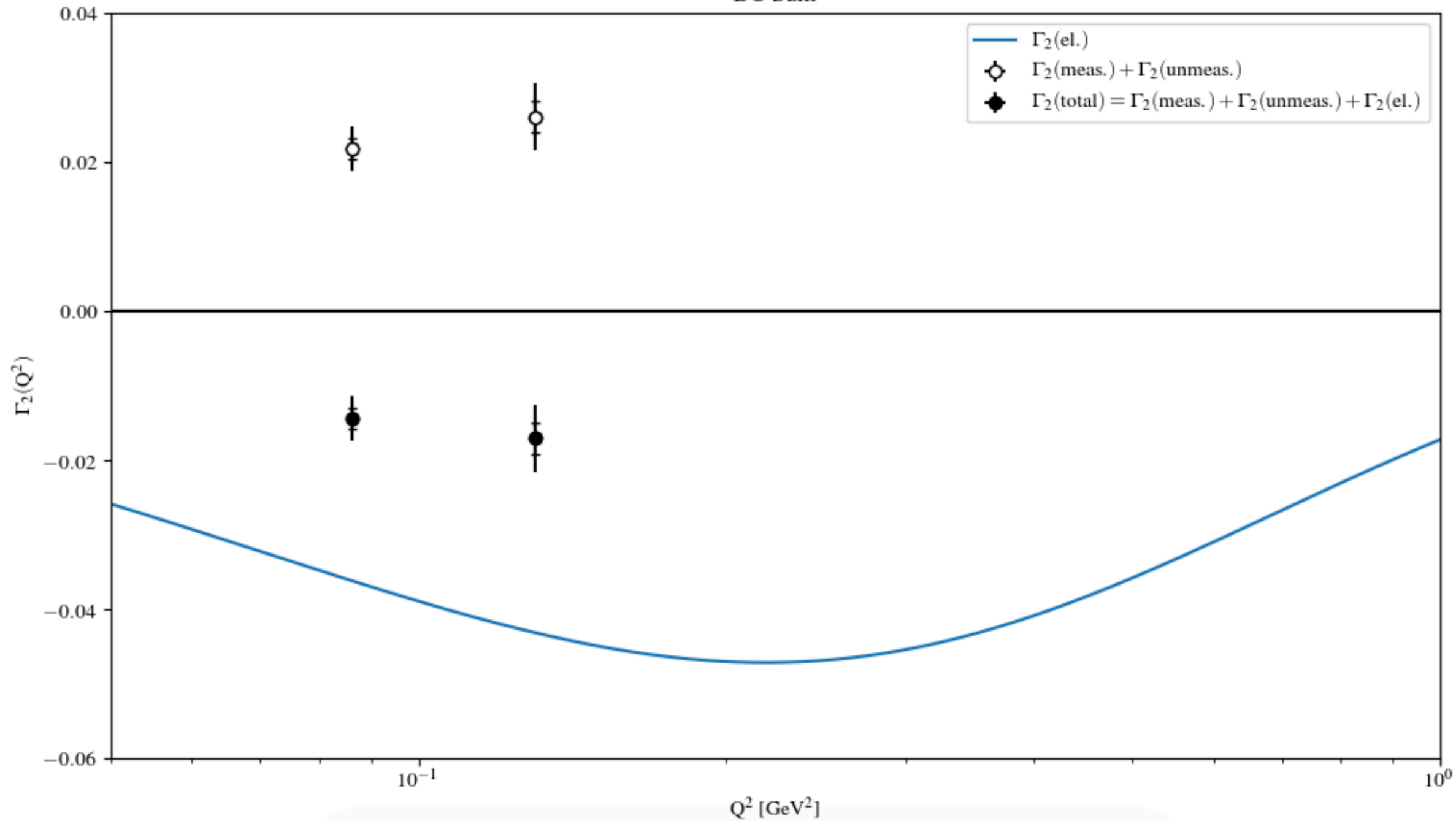


Unmeasured Region of Γ_2

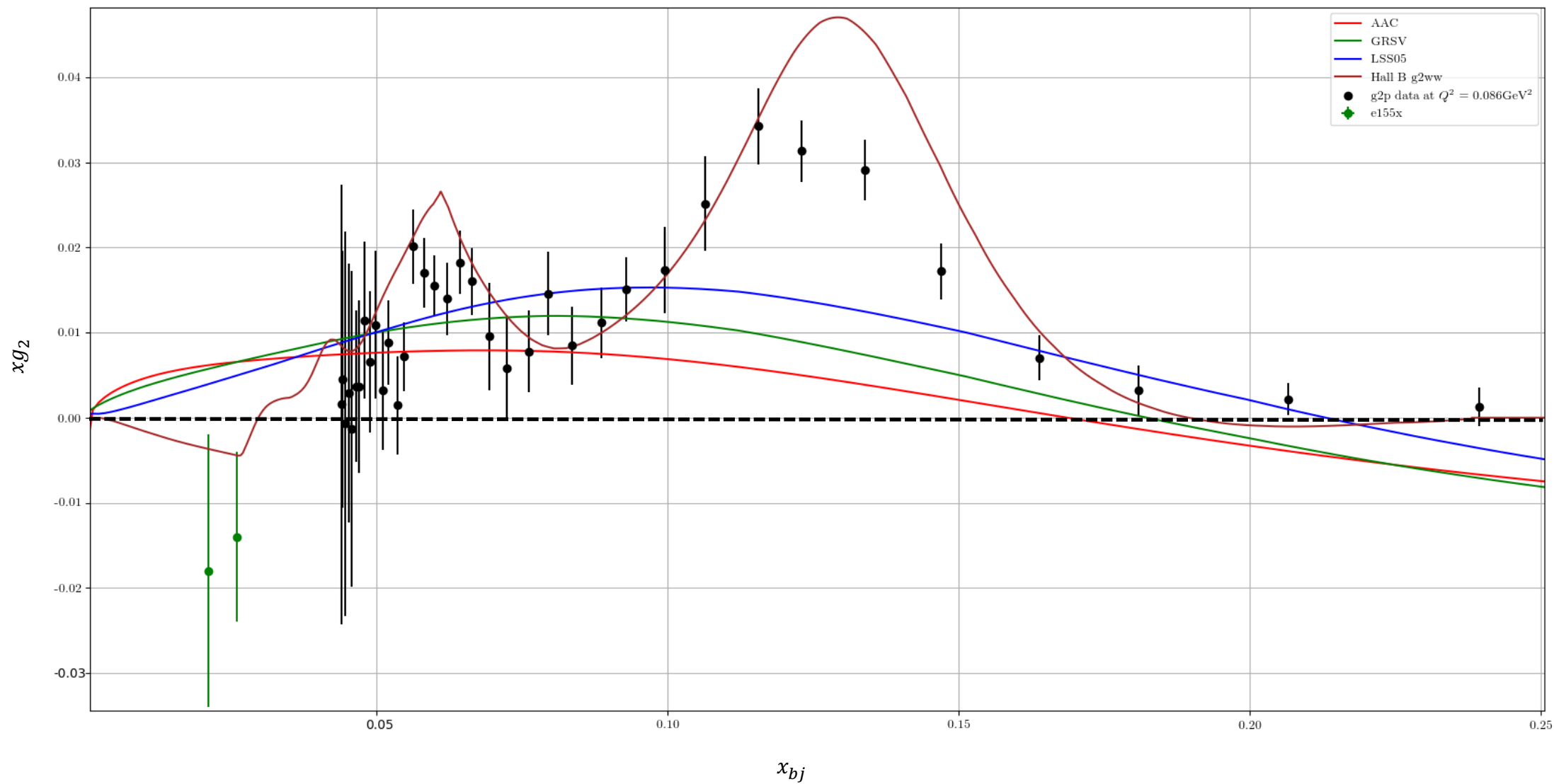
Toby Badman

6/14/17

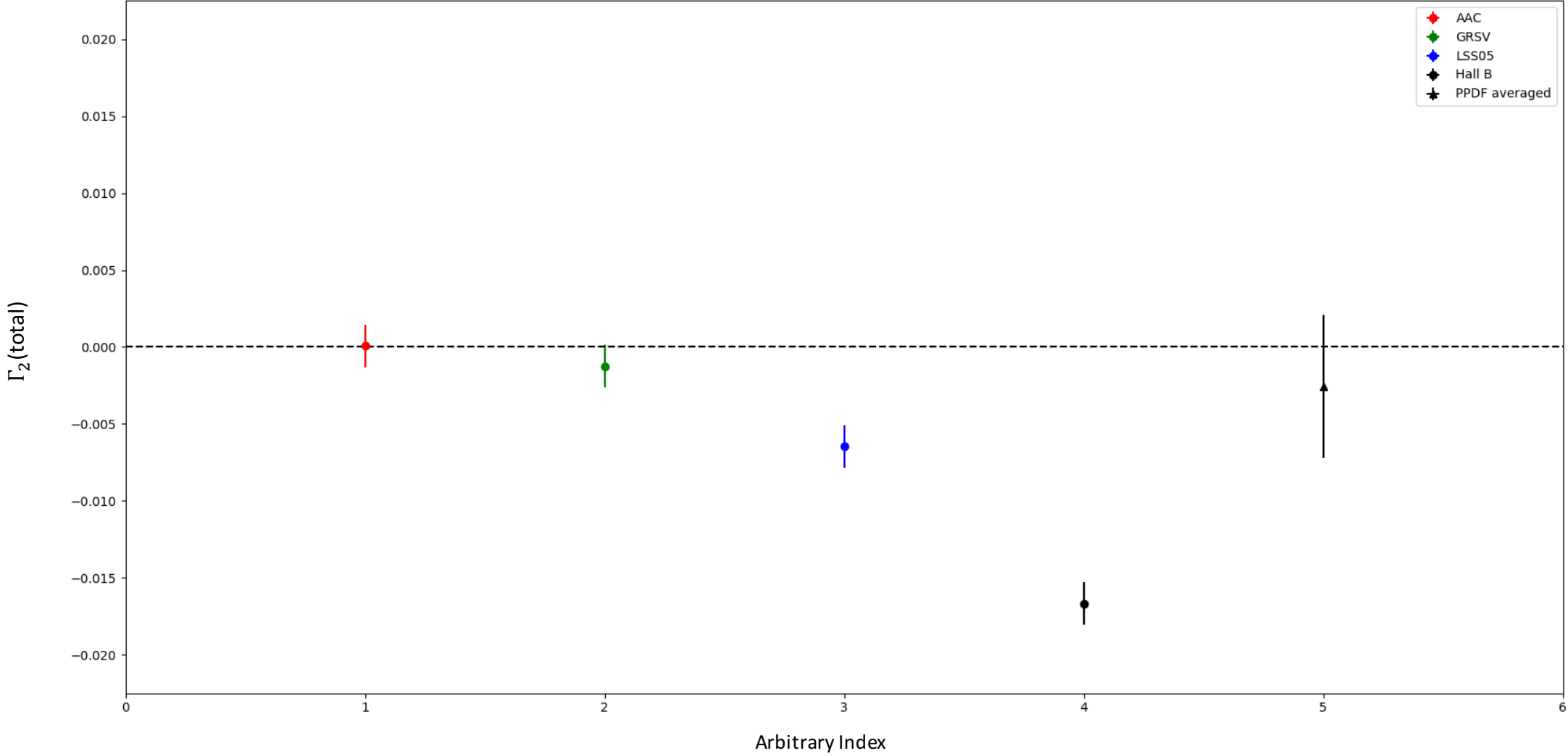
BC Sum



Low x g_2 comparison (Hall B and PPDF's) for $Q^2 = 0.086 \text{ GeV}^2$



Comparison of $\Gamma_2(\text{total})$ with different unmeasured sources for $Q^2 = 0.086 \text{ GeV}^2$



Going forward

- Large disagreement between PPDF's and Hall B model is seen at low x , but PPDF's are not reliable down to our Q^2 .
- Even though the BC sum rule is satisfied using PPDF's, I may just leave out the unmeasured part in the final result, since the result depends heavily on the choice of unmeasured input.
- Working on putting together 'running integral' plots for the moments, as well as the d_2 and higher order moments, will have more shortly.
- Other suggestions?