

The CI cross section in the  $j^{th}$   $p_T$  bin is calculated as follows:

$$\sigma_j = \frac{1}{\Lambda^2} [B_j + B'_j \ln(\Lambda) - B'_j \ln(\mu_{0j})] + \frac{1}{\Lambda^4} [A_j + A'_j \ln(\Lambda) - A'_j \ln(\mu_{0j})]$$

In the following, “a\_h” is a graph of  $A_j$ , “aprime\_h” a graph of  $A'_j$ , “aprime\_log\_h” a graph of  $A'_j \ln(\mu_{0j})$ , etc.

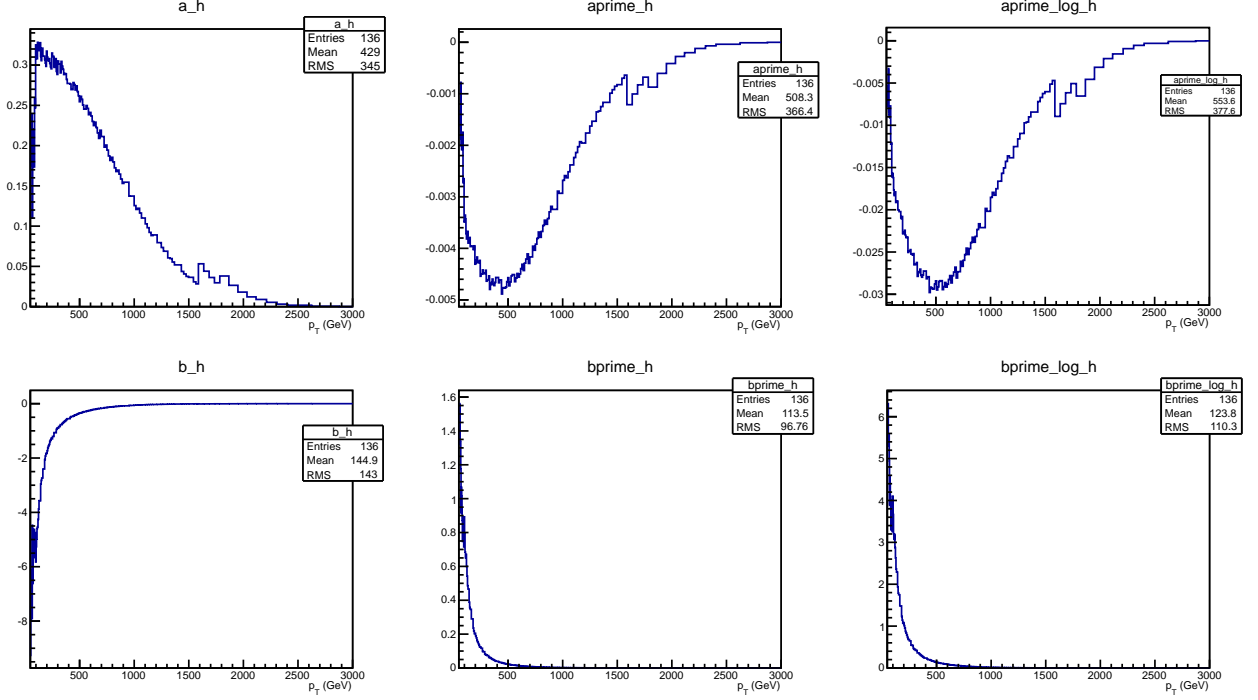


Figure 1: CI coefficients calculated using the CT10nlo PDF central member. These are the coefficients for the LL model with destructive interference ( $\lambda_1 = 1$  and  $\lambda_{2,3,4,5,6} = 0$ ) as a function of  $p_T$