

1 Fitting

This section will include the Lednicky model and the method used to fit the Cascade study. It will also include momentum resolution, residual correlations, and any other aspects to obtain a good fit

1.1 Model: Lambda-Kaon

Talk about Lednicky model

1.2 Model: Cascade-Kaon

Talk about model

1.3 Momentum Resolution Corrections

Talk about Momentum resolution corrections

$$C_{fit}(k_{Rec}^*) = \frac{\sum_{k_{True}^*} M_{k_{Rec}^*, k_{True}^*} C_{fit}(k_{True}^*)}{\sum_{k_{True}^*} M_{k_{Rec}^*, k_{True}^*}} \quad (1)$$

1.4 Residual Correlations

Talk about Lednicky model