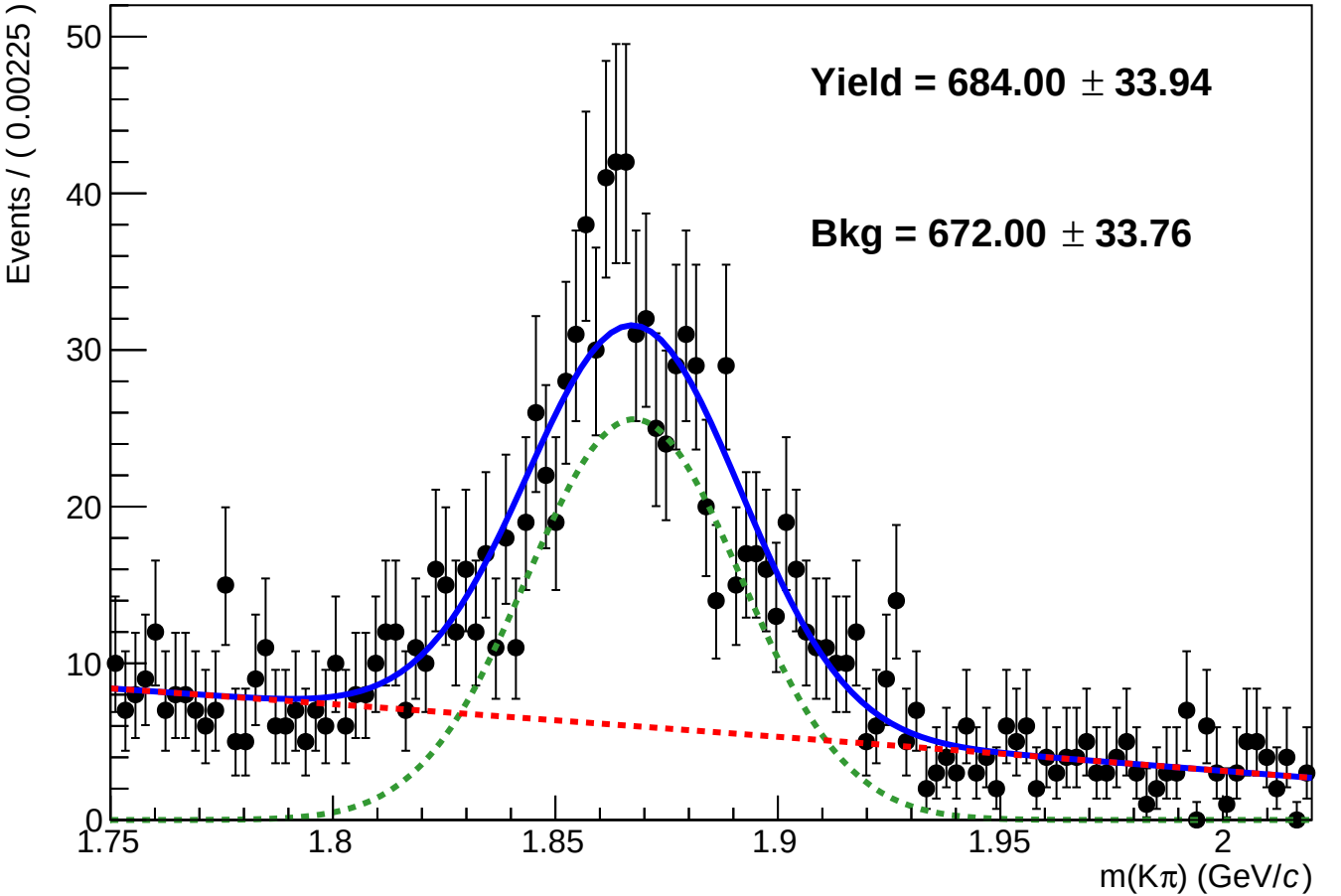Fit of model to discriminating variable