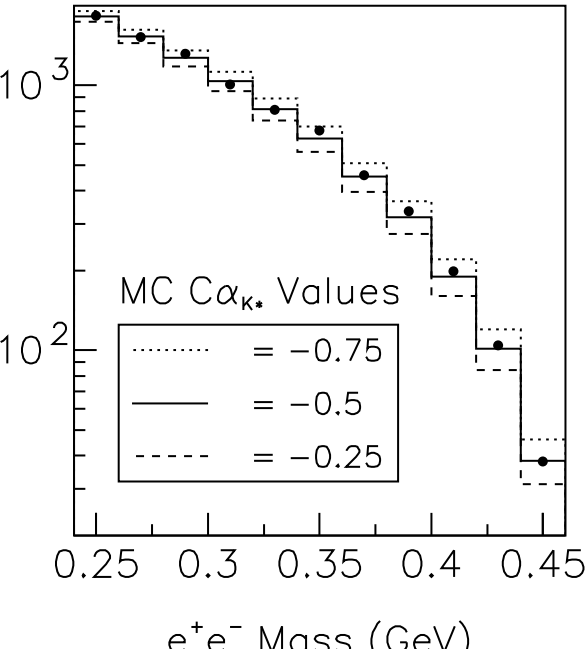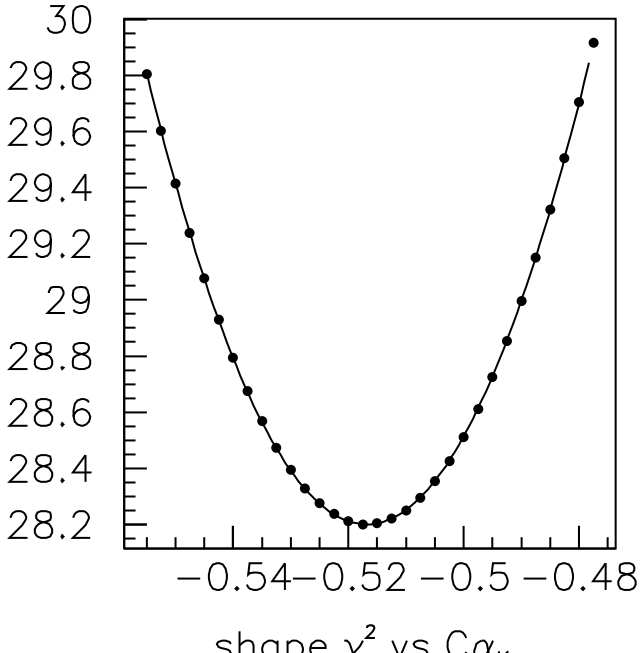Best Fit $C\alpha_{K*} = -0.516847 +/- 0.0300864$, Best Fit $\chi^2 = 28.2006$