



Figure 13: The fitted top quark mass for the 19 events in the CDF sample with four or more jets that satisfy the fit criteria. The dotted histogram reflects the shape and size of the estimated background. The dashed histogram is the result of a fit of the reconstructed mass distribution to a combination of $t\bar{t}$ signal and expected background. The inset distribution is the change in log-likelihood of this fit.

Source	Uncertainty (GeV/c^2)
Final State Gluon Radiation	7.7
Absolute Jet Energy Scale	3.1
Variations in Fit Procedures	2.5
Shifts Resulting from Tagging Biases	2.4
Monte Carlo statistics	3.1
Non- $t\bar{t}$ Mass Distribution Shape	1.6
Miscellaneous effects	2.0

Table 8: The systematic uncertainties associated with the CDF top quark mass measurement: