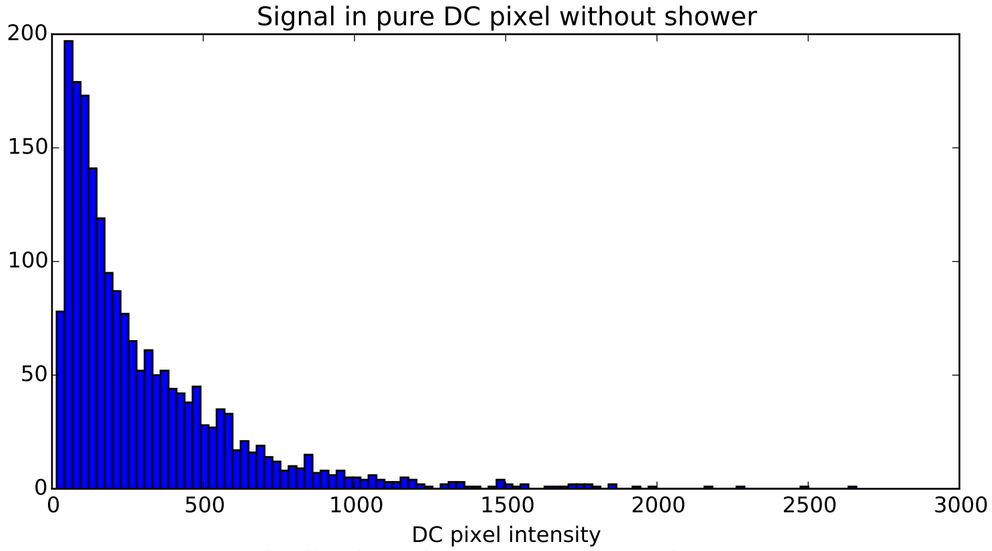

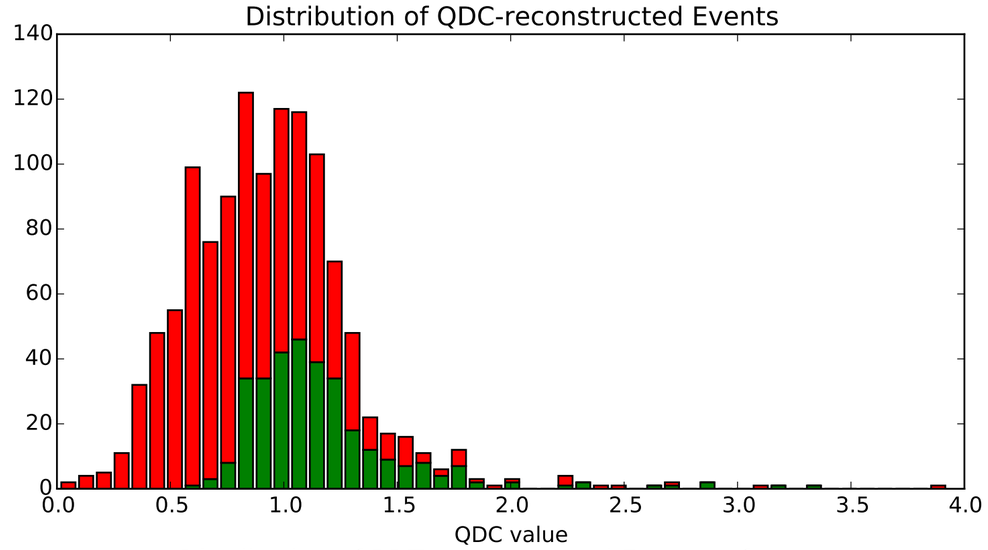

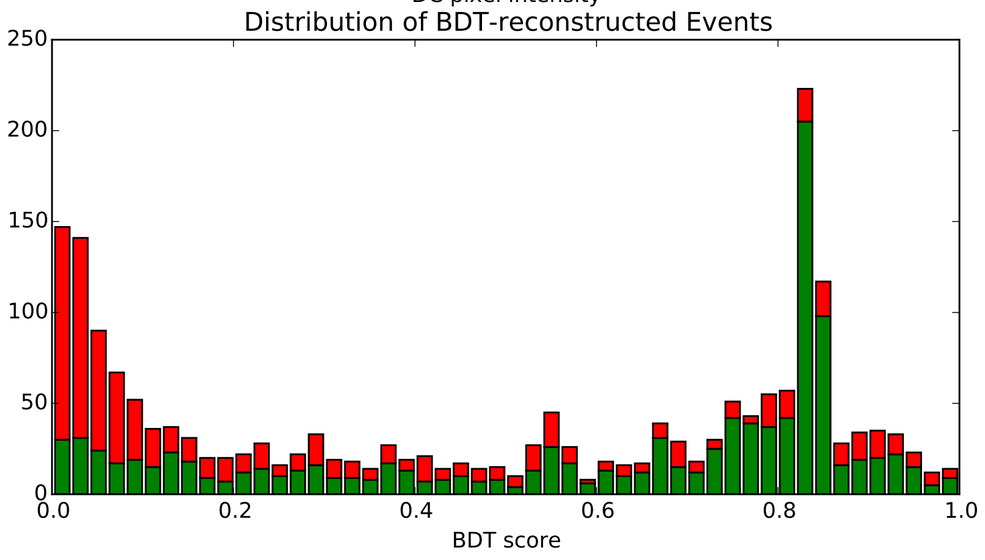

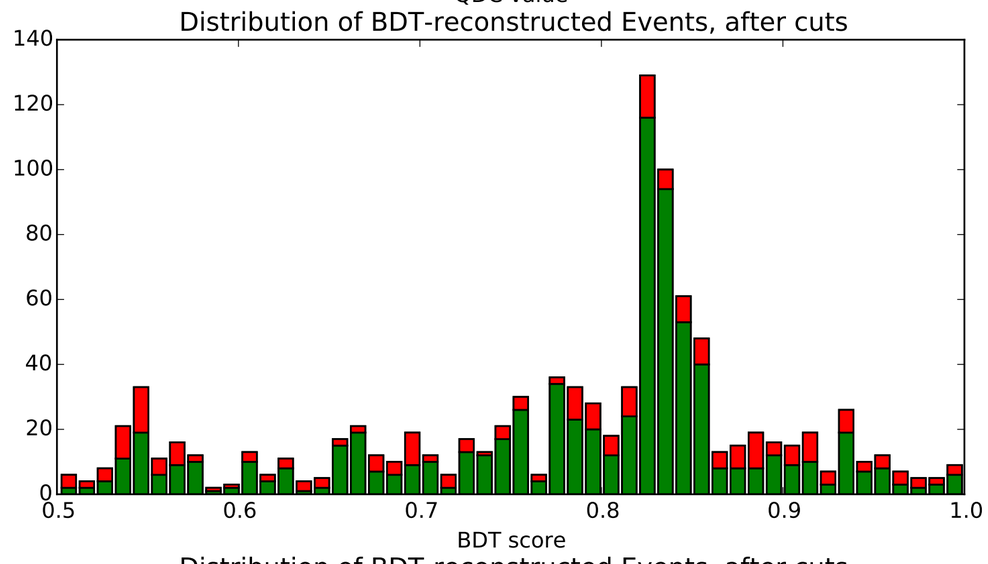

We define a target pixel as one in which the DC pixel has a shower-free intensity of 150 or more.
Of 1948 identified pixels, we have 1175 target pixels, which we would hope to identify.
In total, 319 pixels are correctly identified using QDC method. Method Identified 27.1 % of target events.
In total, 1107 pixels are correctly identified using BDT method. Method Identified 94.2 % of target events.

Our QDC cut requires QDC > 1.3 . We have 200 events passing this cut.
 Of these, 140 are correctly identified events.
 Successful ID rate after cut is 70.0 % Fraction of target pixels correctly identified is 11.9 %

Our alt QDC cut requires QDC > 1.3 .
  We have 75 events passing this cut. Of these, 71 are correctly identified events.
 Successful ID rate after cut is 94.7 % Fraction of target pixels correctly identified is 6.0 %

Our BDT cut requires Signal Probability > 0.5 .
 We have 1008 events passing this cut. Of these, 753 are correctly identified events.
  Successful ID rate after cut is 74.7 % Fraction of target pixels correctly identified is 64.1 %

We check for an event that has Signal Probability > 0.5 and signal > 200 .
We have 1003 events passing this cut. Of these, 753 are correctly identified events.
 Successful ID rate after cut is 75.1 % Fraction of target pixels correctly identified is 64.1 %