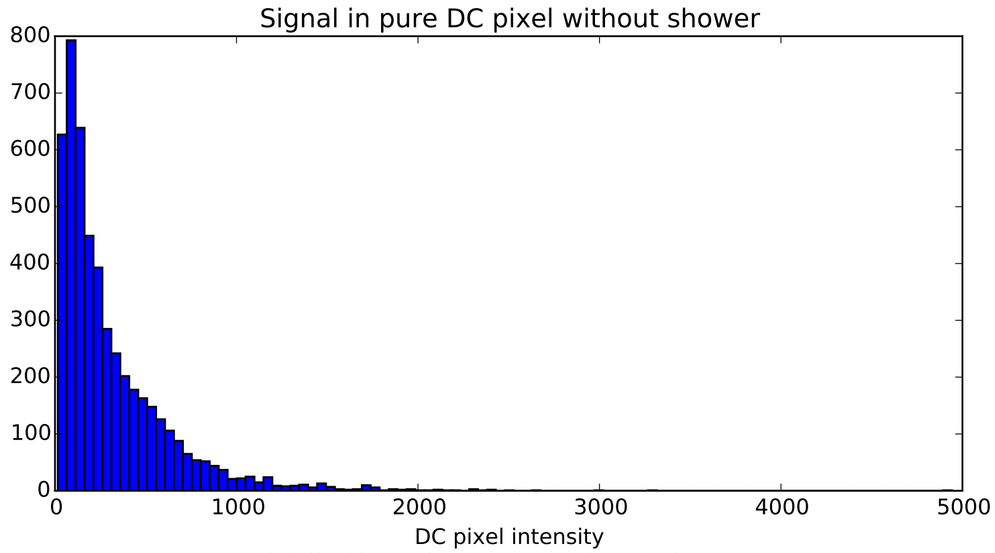


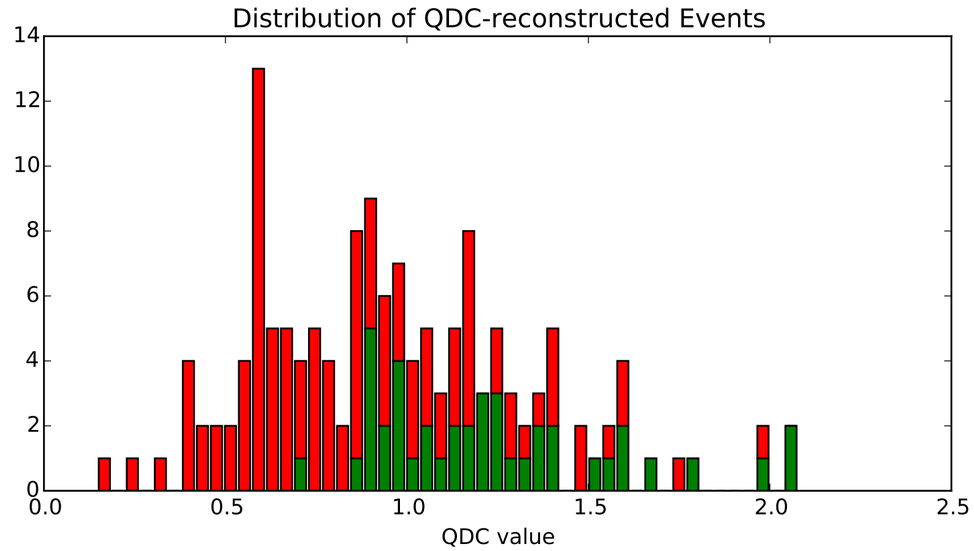


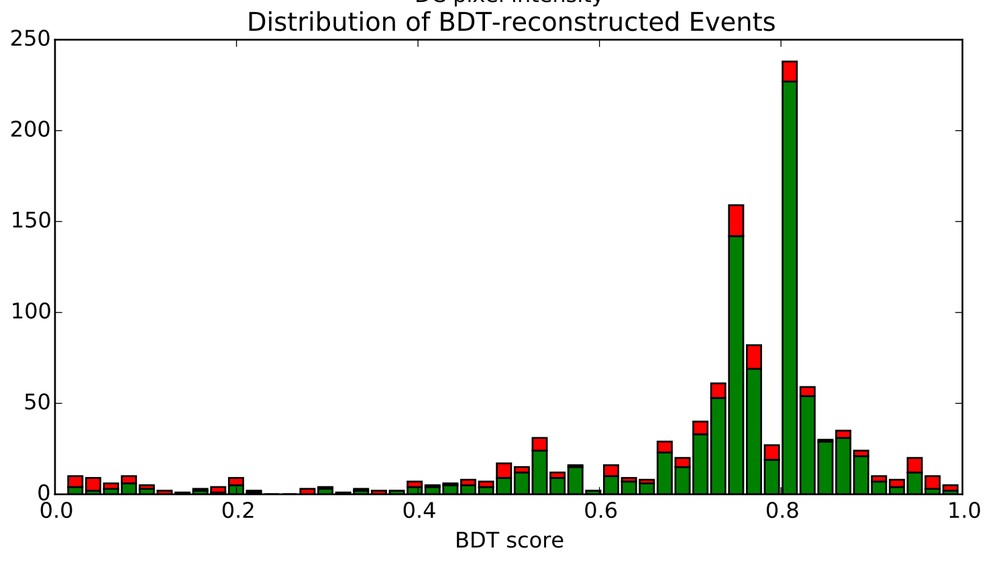


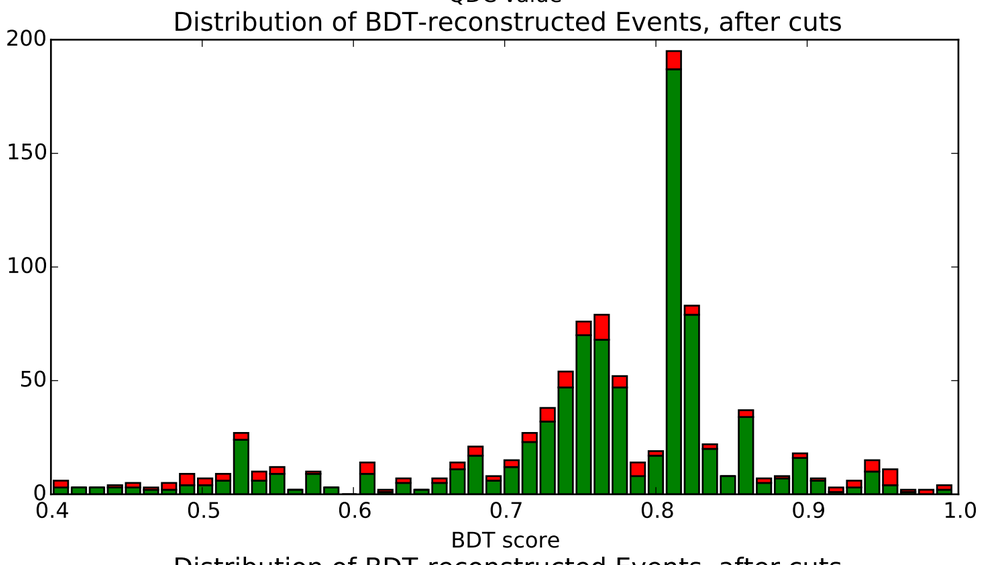


We have 1245 events. 273 events having a multiplicity > 3 using BDT cuts,
and 43 events having a multiplicity > 3 using QDC cuts
We define a target pixel as one in which the DC pixel has a shower-free intensity of 150 or more.
Of 4911 identified pixels, we have 2982 target pixels, which we would hope to identify.
In total, 42 pixels are correctly identified using QDC method. Method Identified 0.9 % of all images.
In total, 894 pixels are correctly identified using BDT method. Method Identified 18.2 % of all images.

Our QDC cut requires QDC > 0.14 log( Itot / 161 cos(theta)).
We have 147 images passing this cut.
Of these, 42 are correctly identified images.
Successful ID rate after cut is 28.6 % Fraction of target pixels correctly identified is 0.9 %

Our BDT cut requires Signal Probability > 0.4 .
We have 1016 pixels passing this cut. Of these, 860 are correctly identified pixels.
Successful ID rate after cut is 84.6 % Fraction of target pixels correctly identified is 17.5 %

We check for pixels that have Signal Probability > 0.4 and signal > 150 .
We check for events that have a multiplicity > 3 .
We have 995 pixels passing this cut. Of these, 849 are correctly identified pixels.
Successful ID rate after cut is 85.3 % Fraction of target pixels correctly identified is 17.3 %