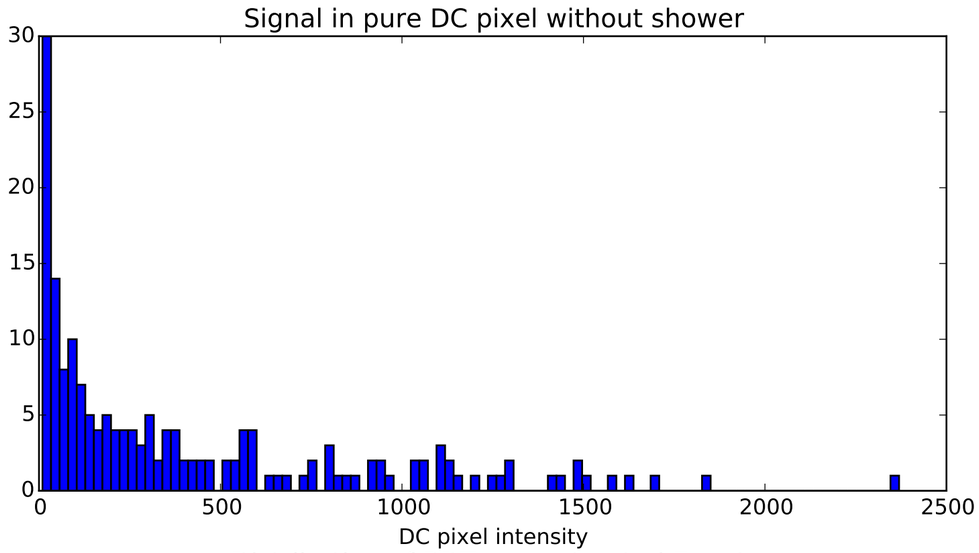

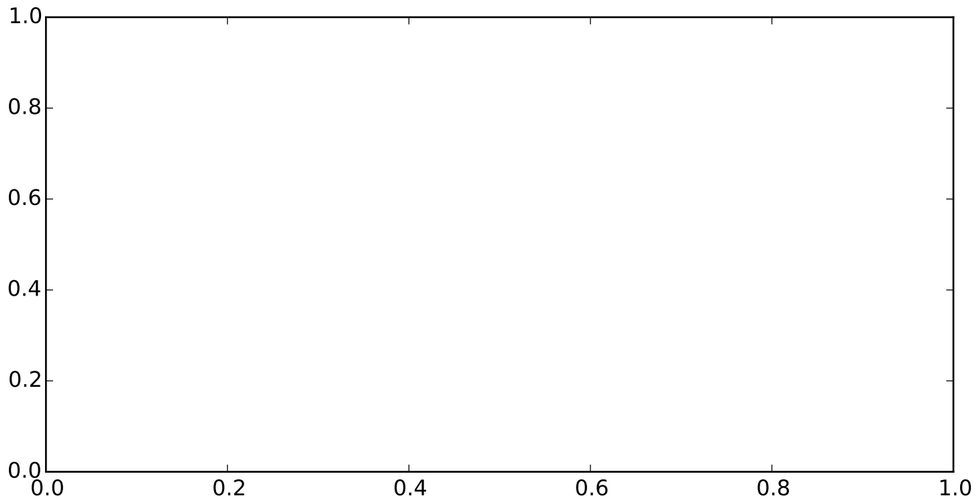

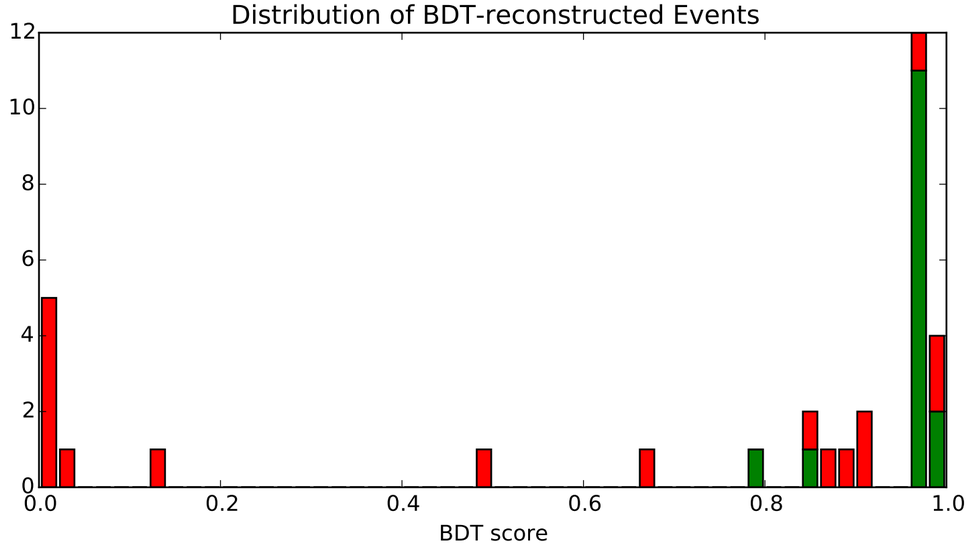

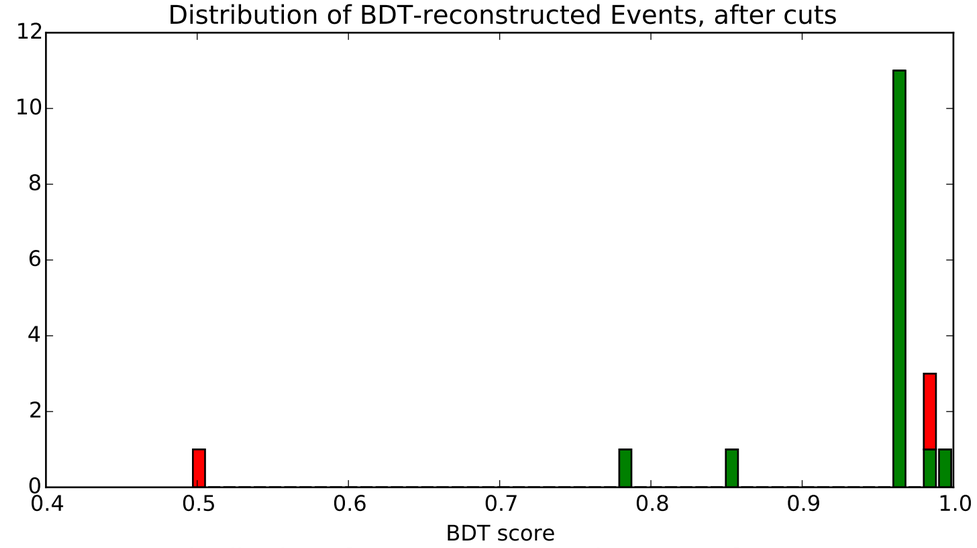

We have 198 events. 32 events having a multiplicity > 3 using BDT cuts,
and 7 events having a multiplicity > 3 using QDC cuts
We define a target pixel as one in which the DC pixel has a shower-free intensity of 150 or more.
Of 175 identified pixels, we have 102 target pixels, which we would hope to identify.
In total, 0 pixels are correctly identified using QDC method. Method Identified 0.0 % of all images.
In total, 15 pixels are correctly identified using BDT method. Method Identified 8.6 % of all images.

Our QDC cut requires QDC > 0.14 log(Itot / 161 cos(theta)).
We have 4 images passing this cut.
Of these, 0 are correctly identified images.
Successful ID rate after cut is 0.0 % Fraction of target pixels correctly identified is 0.0 %

Our BDT cut requires Signal Probability > 0.4 .
We have 25 pixels passing this cut. Of these, 15 are correctly identified pixels.
Successful ID rate after cut is 60.0 % Fraction of target pixels correctly identified is 8.6 %

We check for pixels that have Signal Probability > 0.4 and signal > 150 .
We check for events that have a multiplicity > 3 .
We have 18 pixels passing this cut. Of these, 15 are correctly identified pixels.
Successful ID rate after cut is 83.3 % Fraction of target pixels correctly identified is 8.6 %