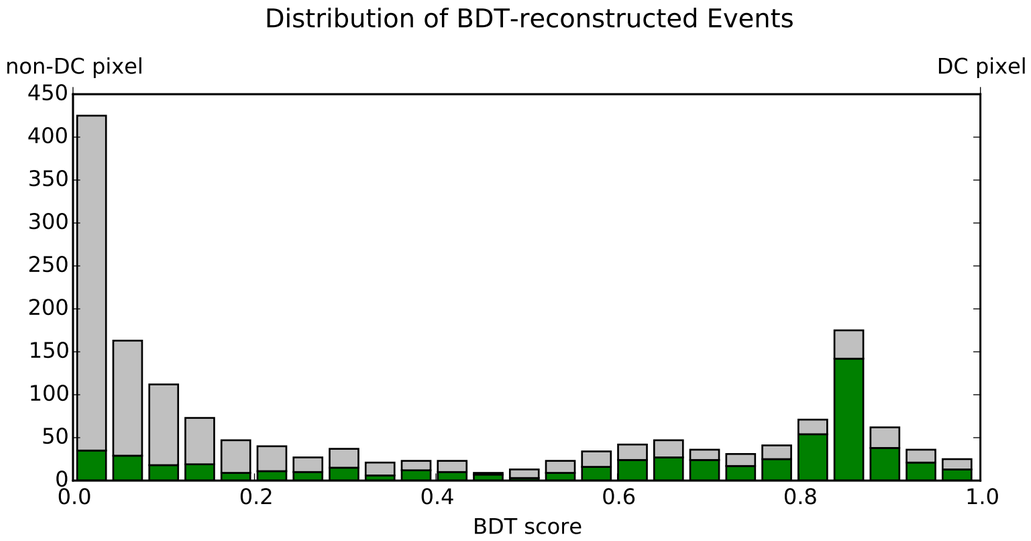

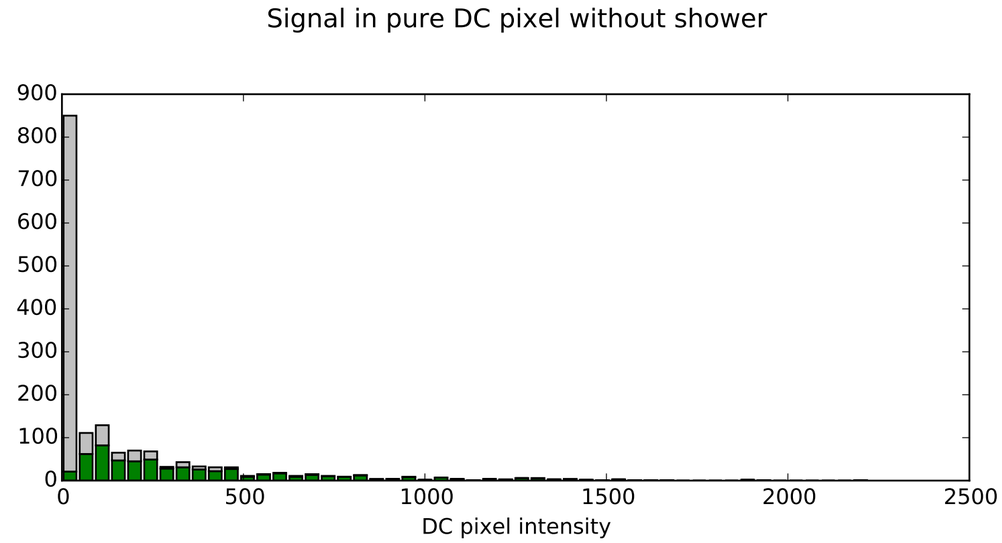

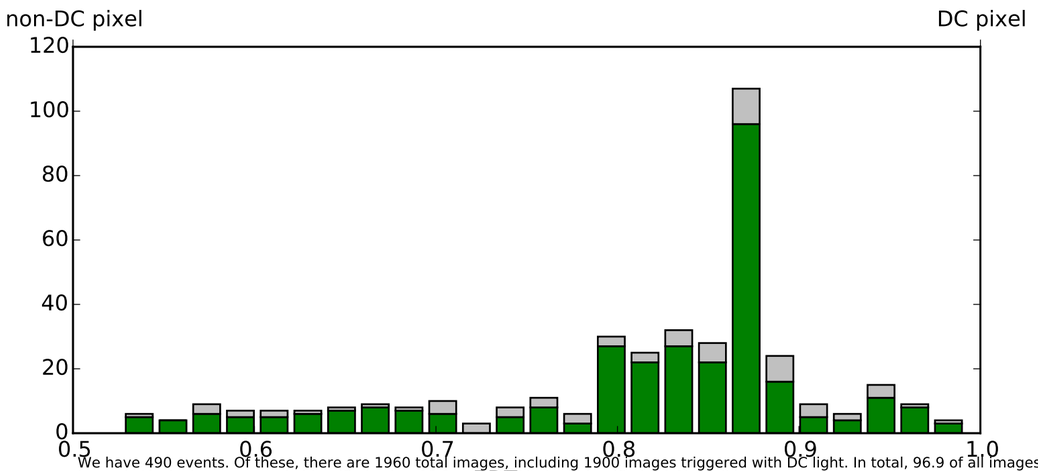

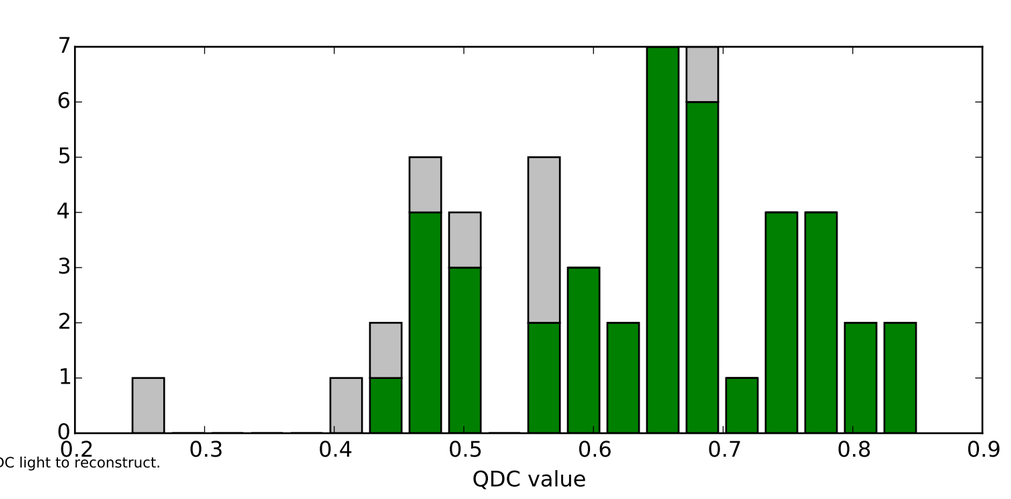

We have 490 events. Of these, there are 1960 total images, including 1900 images triggered with DC light. In total, 96.9 of all imageshave DC light to reconstruct.
In total, 41 pixels are correctly identified using QDC method. Method identified 2.1 % of all images.
In total, 594 pixels are correctly identified using BDT method. Method Identified 30.3 % of all images.

Our QDC cut requires QDC < 0.14 log(Itot / 161 cos(theta)), leaving 50 images.
Of these, 41 are correctly identified images.
Successful ID rate after cut is 82.0 %
Fraction of pixels correctly identified is 2.1 %
Fraction of pixels incorrectly identified is 0.5 %
Additionally requiring multiplicity > 3 , we have 0 images .
Of these, 0 are correctly identified images.

Our BDT cut requires Signal Probability > 0.5 , we have 632 images.
Of these, 412 are correctly identified images.
Successful ID rate after cut is 65.2 %
Fraction of pixels correctly identified is 21.0 %
Fraction of pixels incorrectly identified is 11.2 %
Additionally requiring signal > 150 , we have 392 images.
Of these, 316 are correctly identified images.
Successful ID rate after cut is 80.6 %
Fraction of pixels correctly identified is 16.1 %
Fraction of pixels incorrectly identified is 3.9 %
Additionally requiring multiplicity > 3 we have 45 images .
Of these, 39 are correctly identified images.
Successful ID rate after cut is 86.7 %
Fraction of pixels correctly identified is 2.0 %
Fraction of pixels incorrectly identified is 0.3 %

Additionally requiring Aspect ratio > 0.38 we have 45 images .
Of these, 39 are correctly identified images.
Successful ID rate after cut is 86.7 %
Fraction of pixels correctly identified is 2.0 %
Fraction of pixels incorrectly identified is 0.3 %