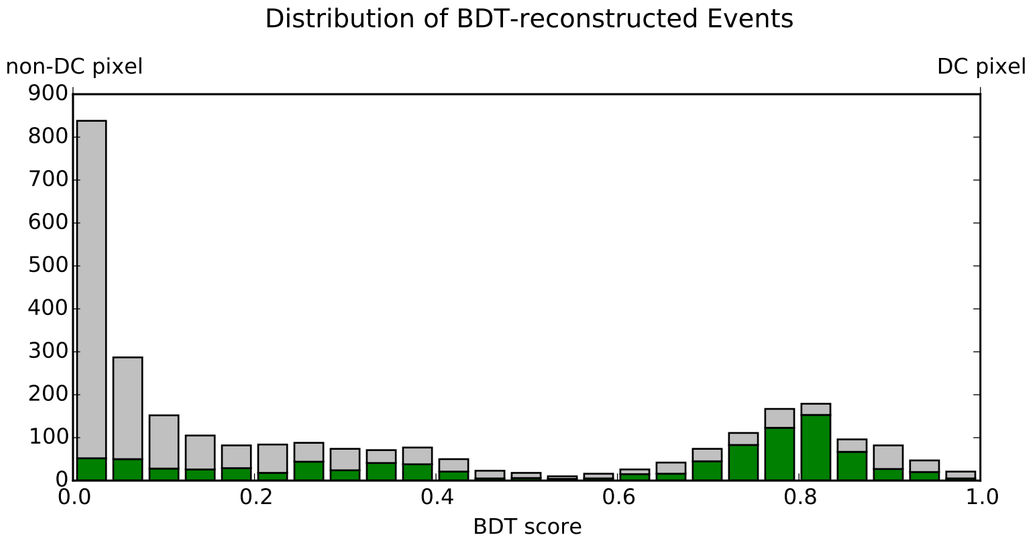

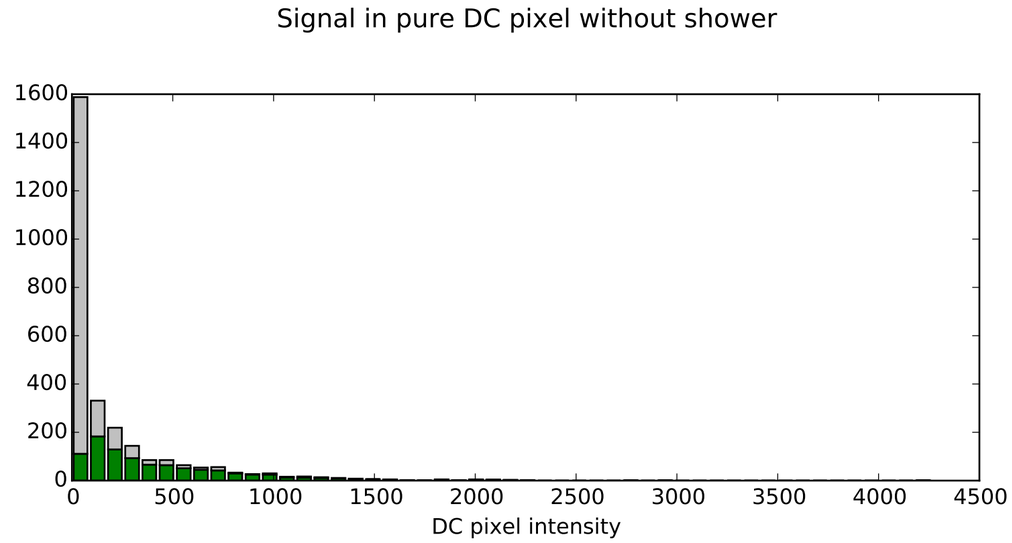

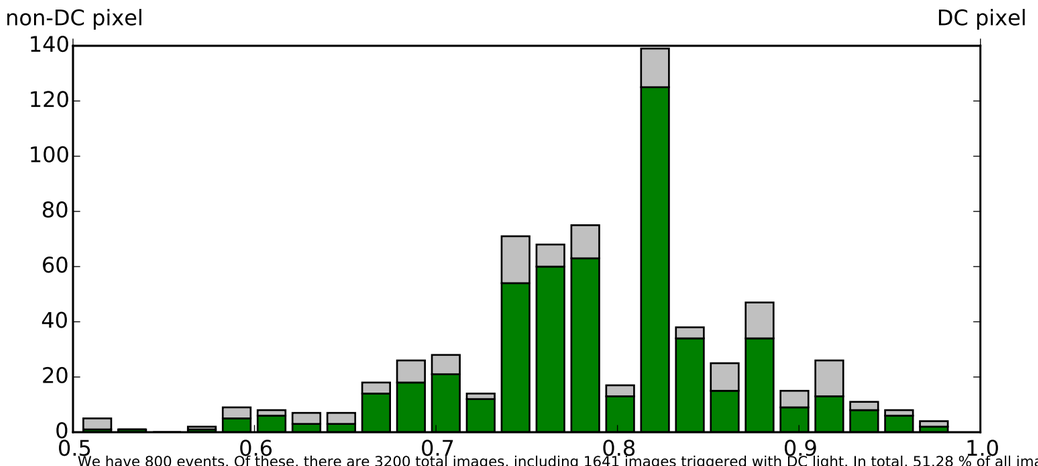

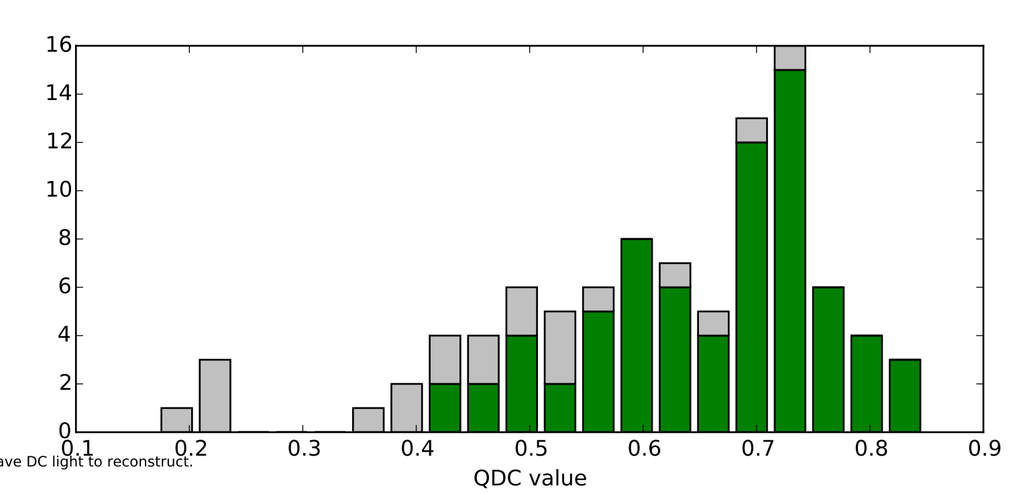

We have 800 events. Of these, there are 3200 total images, including 1641 images triggered with DC light. In total, 51.28 % of all images have DC light to reconstruct.
In total, 73 pixels are correctly identified using QDC method. Method identified 2.28 % of all images.
In total, 945 pixels are correctly identified using BDT method. Method Identified 29.53 % of all images.

Our QDC cut requires QDC < 0.14 log(Itot / 161 cos(theta)), leaving 94 images.
Of these, 73 are correctly identified images.
Successful ID rate after cut is 77.66 %
Fraction of pixels correctly identified is 2.28 %
Fraction of pixels incorrectly identified is 0.66 %
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 881 images.
Of these, 567 are correctly identified images.
Successful ID rate after cut is 64.36 %
Fraction of pixels correctly identified is 17.72 %
Fraction of pixels incorrectly identified is 9.81 %
Additionally requiring signal > 150 , we have 669 images.
Of these, 521 are correctly identified images.
Successful ID rate after cut is 77.88 %
Fraction of pixels correctly identified is 16.28 %
Fraction of pixels incorrectly identified is 4.62 %
Additionally requiring multiplicity > 3 we have 70 images .
Of these, 52 are correctly identified images.
Successful ID rate after cut is 74.29 %
Fraction of pixels correctly identified is 1.62 %
Fraction of pixels incorrectly identified is 0.56 %

Additionally requiring Aspect ratio > 0.4 we have 63 images .
Of these, 47 are correctly identified images.
Successful ID rate after cut is 74.60 %
Fraction of pixels correctly identified is 1.47 %
Fraction of pixels incorrectly identified is 0.50 %