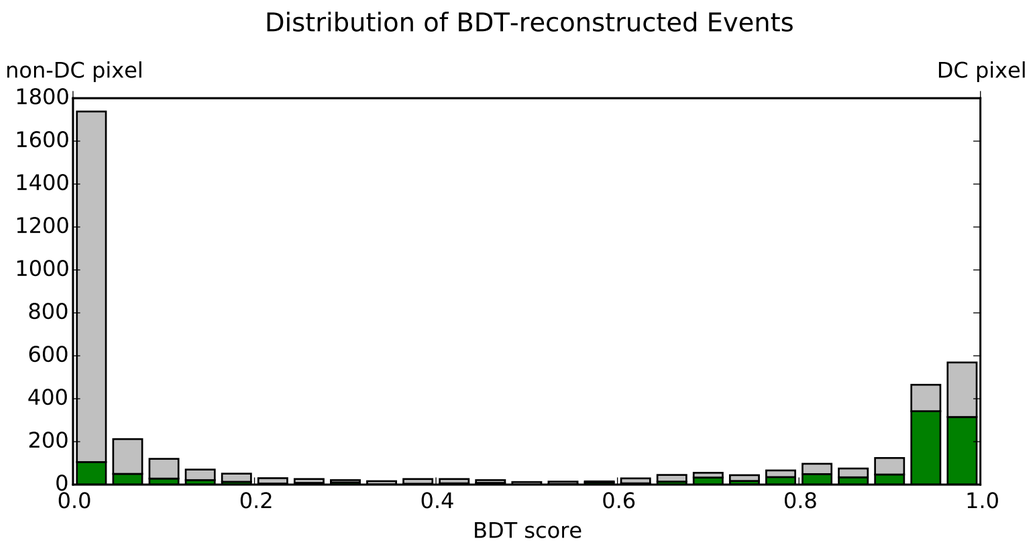

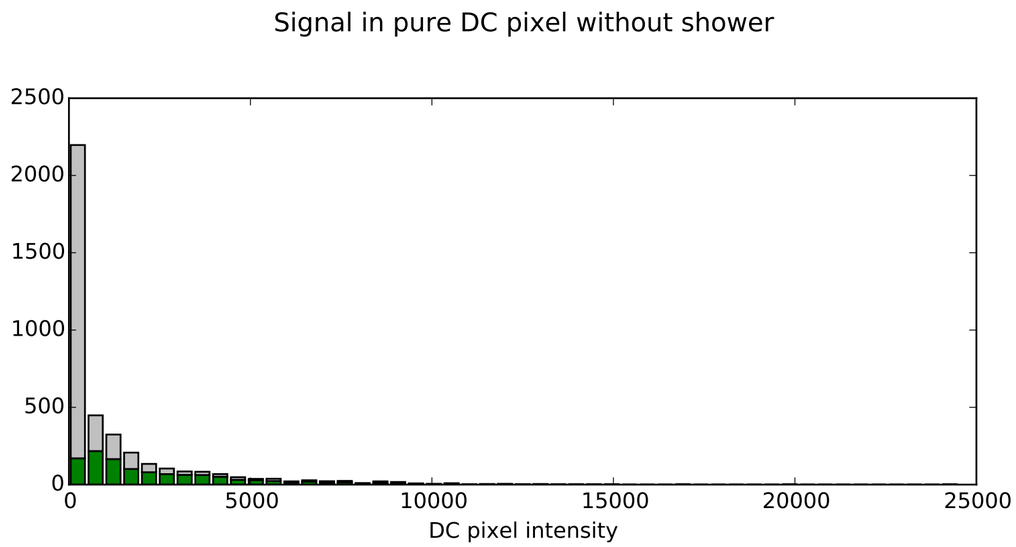

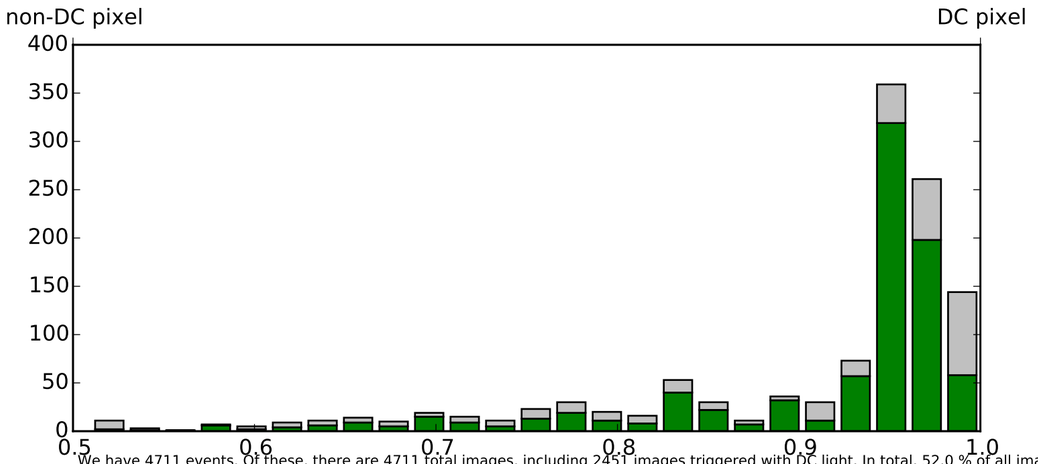

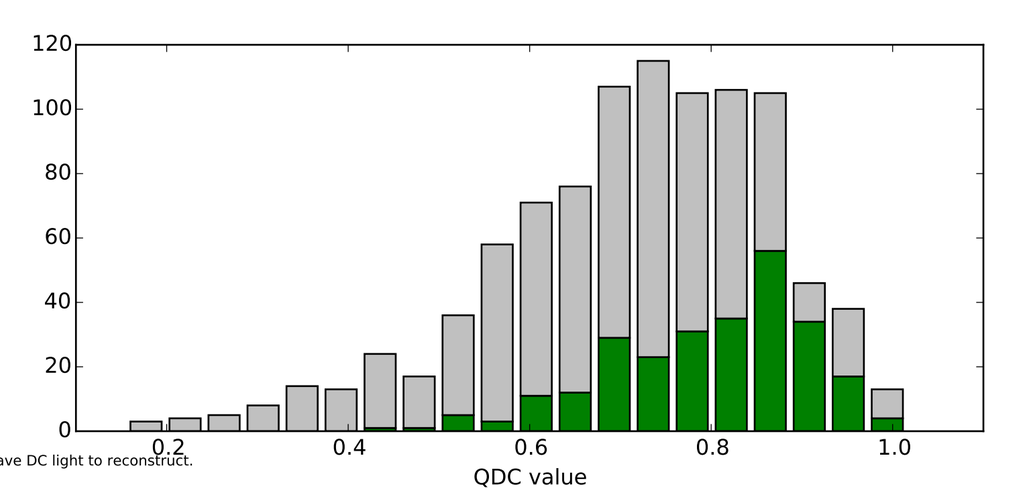

We have 4711 events. Of these, there are 4711 total images, including 2451 images triggered with DC light. In total, 52.0 % of all images have DC light to reconstruct.
In total, 262 pixels are correctly identified using QDC method. Method Identified 5.6 % of all images.
In total, 1164 pixels are correctly identified using BDT method. Method Identified 24.7 % of all images.

Our QDC cut requires QDC < 0.14 log(Itot / 161 cos(theta)), leaving 964 images.
Of these, 262 are correctly identified images.
Successful ID rate after cut is 27.2 %
Fraction of pixels correctly identified is 5.6 %
Fraction of pixels incorrectly identified is 14.9 %
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 1604 images.
Of these, 905 are correctly identified images.
Successful ID rate after cut is 56.4 %
Fraction of pixels correctly identified is 19.2 %
Fraction of pixels incorrectly identified is 14.8 %
Additionally requiring signal > 150 , we have 1202 images.
Of these, 860 are correctly identified images.
Successful ID rate after cut is 71.5 %
Fraction of pixels correctly identified is 18.3 %
Fraction of pixels incorrectly identified is 7.3 %
Additionally requiring multiplicity > 3 we have 94 images .
Of these, 76 are correctly identified images.
Successful ID rate after cut is 80.9 %
Fraction of pixels correctly identified is 1.6 %
Fraction of pixels incorrectly identified is 0.4 %

Additionally requiring Aspect ratio > 0.4 we have 88 images .
Of these, 74 are correctly identified images.
Successful ID rate after cut is 84.1 %
Fraction of pixels correctly identified is 1.6 %
Fraction of pixels incorrectly identified is 0.3 %