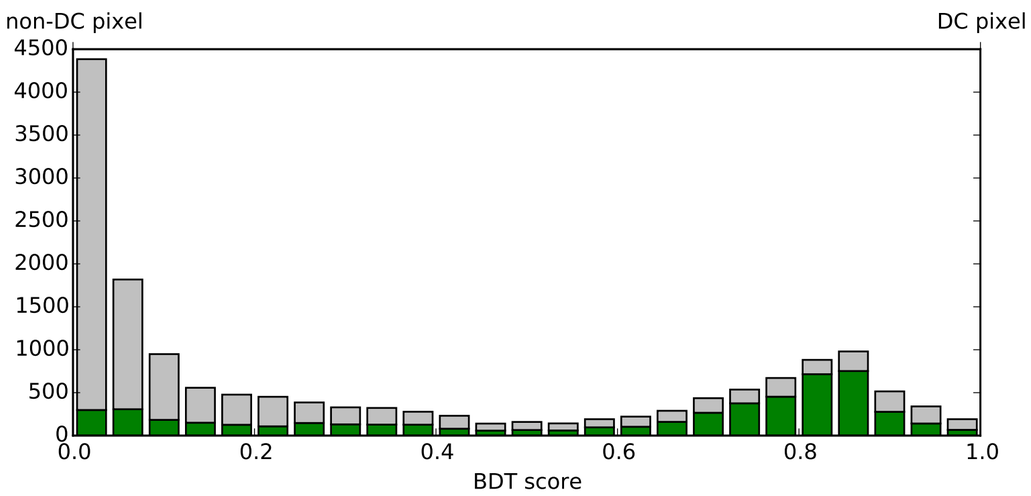

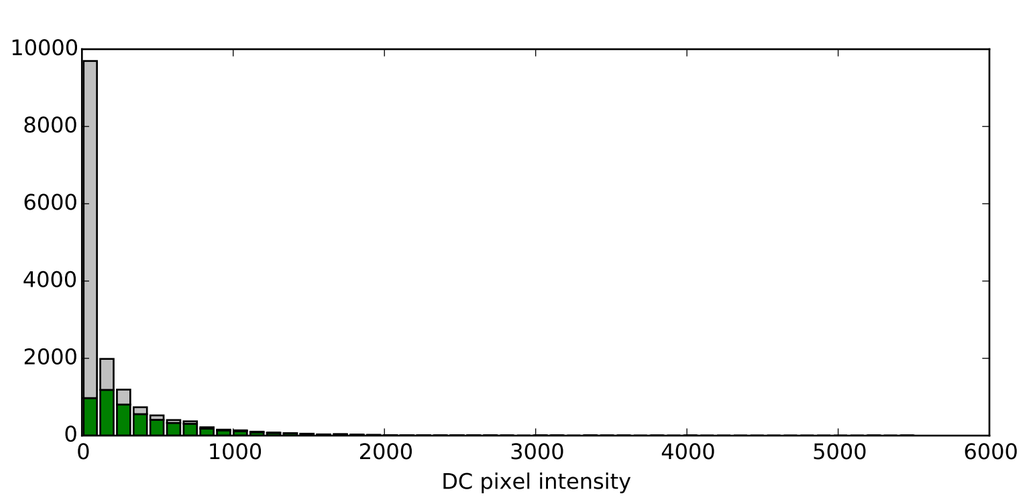

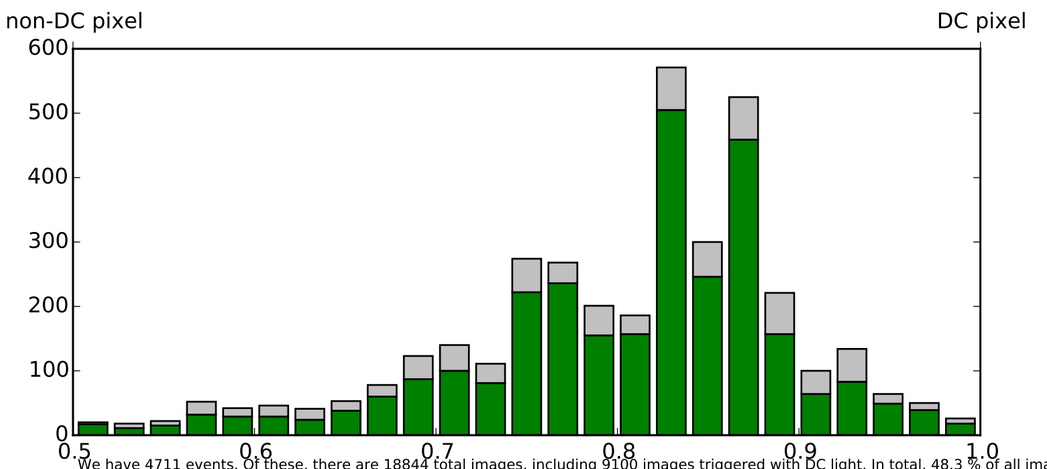

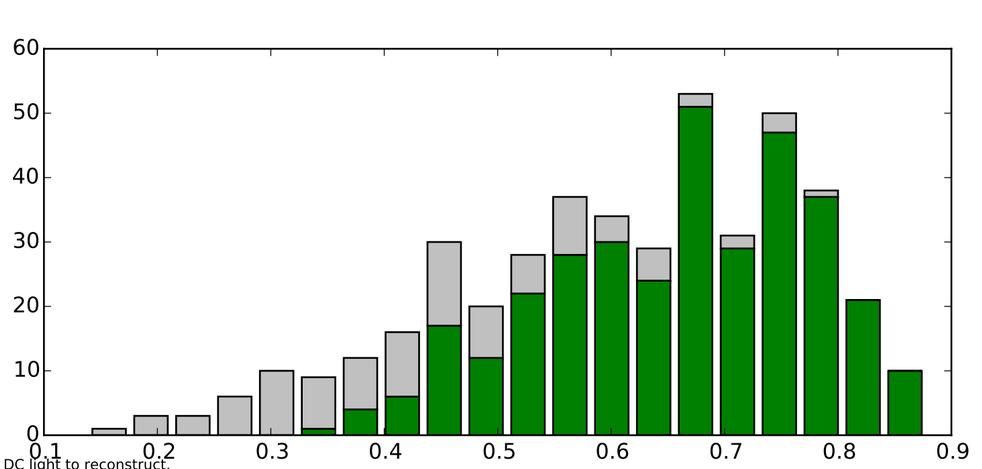

We have 4711 events. Of these, there are 18844 total images, including 9100 images triggered with DC light. In total, 48.3 % of all images have DC light to reconstruct.
In total, 339 pixels are correctly identified using QDC method. Method Identified 1.8 % of all images.
In total, 5374 pixels are correctly identified using BDT method. Method Identified 28.5 % of all images.

Our QDC cut requires QDC < 0.14 log(Itot / 161 cos(theta)), leaving 441 images.
Of these, 339 are correctly identified images.
Successful ID rate after cut is 76.9 %
Fraction of pixels correctly identified is 1.8 %
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 5475 images.
Of these, 3500 are correctly identified images.
Successful ID rate after cut is 63.9 %
Fraction of pixels correctly identified is 18.6 %
Fraction of pixels incorrectly identified is 10.5 %
Additionally requiring signal > 150 , we have 3666 images.
Of these, 2913 are correctly identified images.
Successful ID rate after cut is 79.5 %
Fraction of pixels correctly identified is 15.5 %
Fraction of pixels incorrectly identified is 4.0 %
Additionally requiring multiplicity > 3 we have 456 images .
Of these, 385 are correctly identified images.
Successful ID rate after cut is 84.4 %
Fraction of pixels correctly identified is 2.0 %
Fraction of pixels incorrectly identified is 0.4 %

Additionally requiring Aspect ratio > 0.4 we have 429 images .
Of these, 366 are correctly identified images.
Successful ID rate after cut is 85.3 %
Fraction of pixels correctly identified is 1.9 %
Fraction of pixels incorrectly identified is 0.3 %