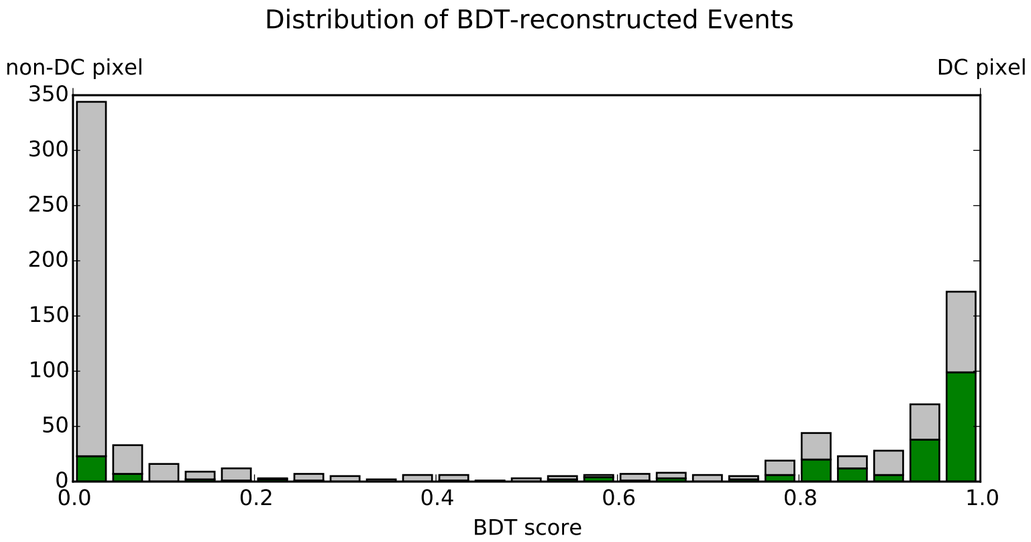

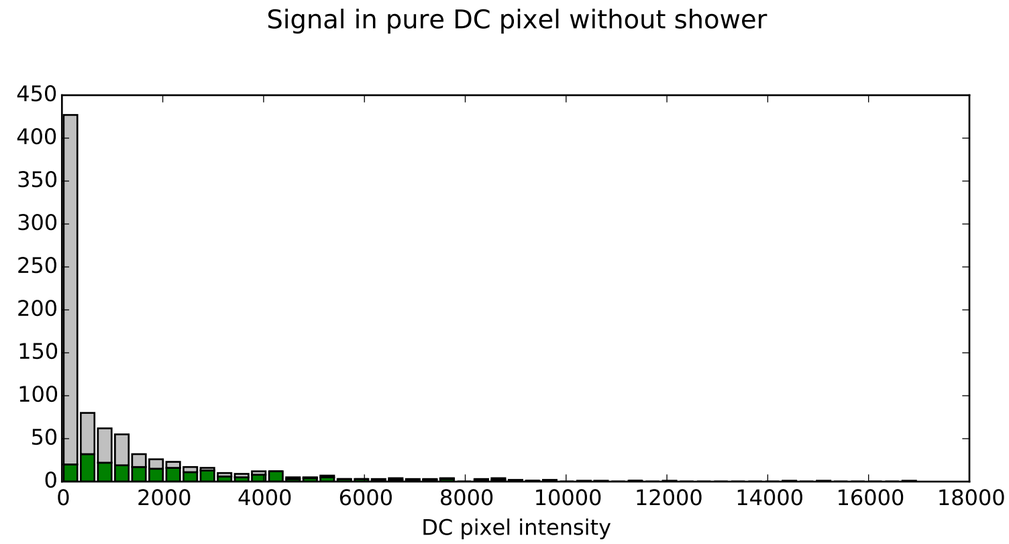

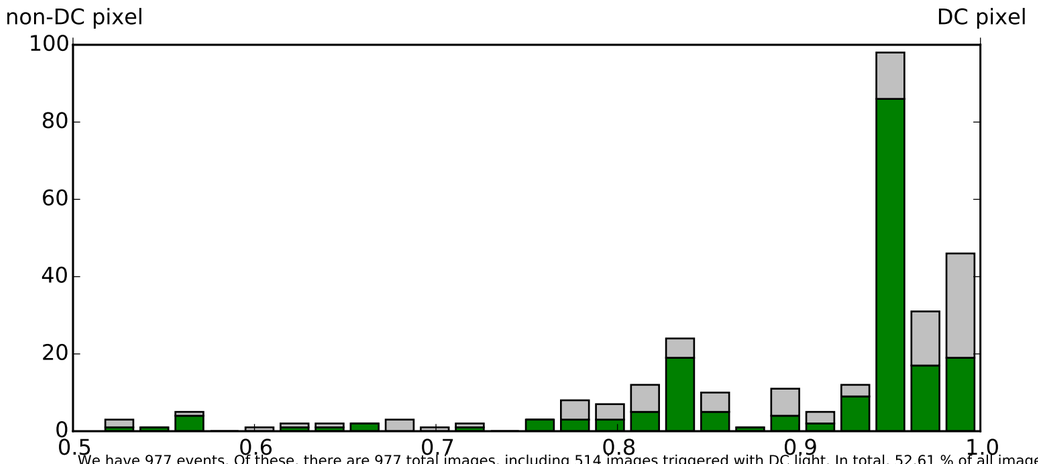

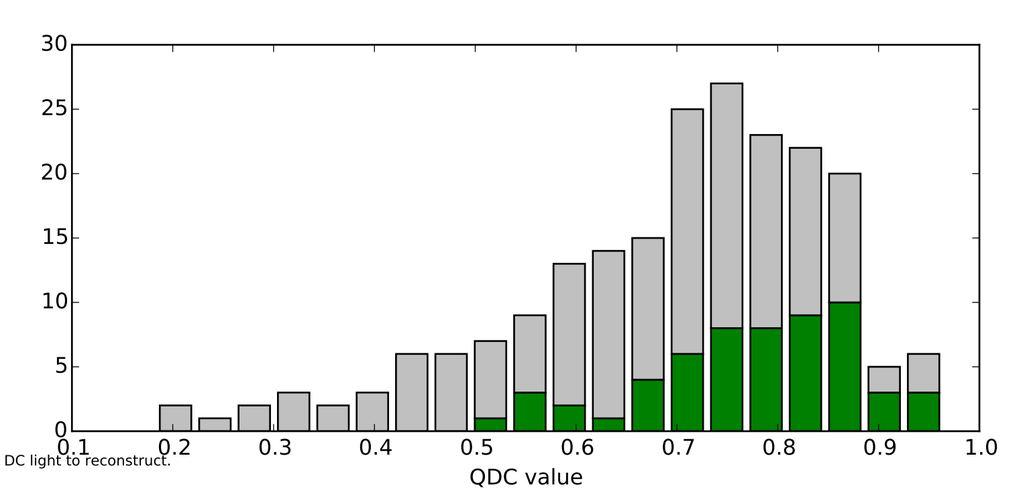

We have 977 events. Of these, there are 977 total images, including 514 images triggered with DC light. In total, 52.61 % of all images have DC light to reconstruct.
In total, 58 pixels are correctly identified using QDC method. Method Identified 5.94 % of all images.
In total, 230 pixels are correctly identified using BDT method. Method Identified 23.54 % of all images.

Our QDC cut requires QDC < 0.14 log(Itot / 161 cos(theta)), leaving 211 images.
Of these, 58 are correctly identified images.
Successful ID rate after cut is 27.49 %
Fraction of pixels correctly identified is 5.94 %
Fraction of pixels incorrectly identified is 15.66 %
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 395 images.
Of these, 193 are correctly identified images.
Successful ID rate after cut is 48.86 %
Fraction of pixels correctly identified is 19.75 %
Fraction of pixels incorrectly identified is 20.68 %
Additionally requiring signal > 150 , we have 290 images.
Of these, 187 are correctly identified images.
Successful ID rate after cut is 64.48 %
Fraction of pixels correctly identified is 19.14 %
Fraction of pixels incorrectly identified is 10.54 %
Additionally requiring multiplicity > 3 we have 31 images .
Of these, 29 are correctly identified images.
Successful ID rate after cut is 93.55 %
Fraction of pixels correctly identified is 2.97 %
Fraction of pixels incorrectly identified is 0.20 %

Additionally requiring Aspect ratio > 0.4 we have 30 images .
Of these, 29 are correctly identified images.
Successful ID rate after cut is 96.67 %
Fraction of pixels correctly identified is 2.97 %
Fraction of pixels incorrectly identified is 0.10 %