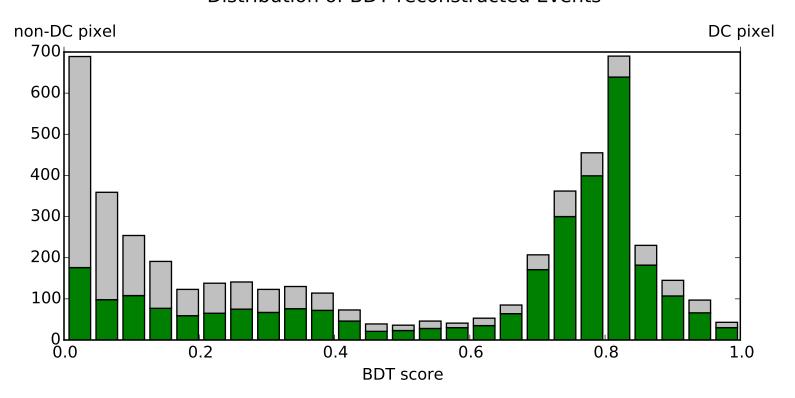
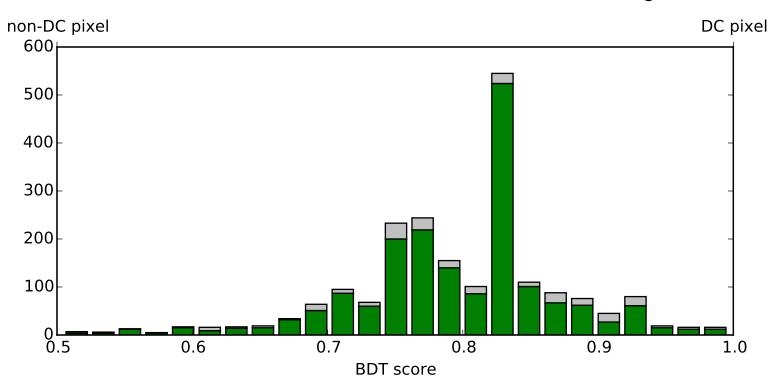
Distribution of BDT-reconstructed Events



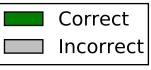
Distribution of BDT-reconstructed Events, after Score and Signal cuts



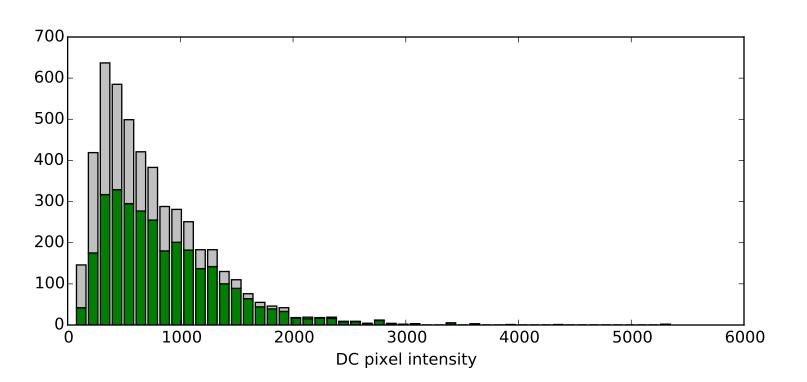
We have 1245 events. Of these, there are 4911 triggered images. In total, 257 pixels are correctly identified using QDC method. Method Identified 5.2 % of all images. In total, 3014 pixels are correctly identified using BDT method. Method Identified 61.4 % of all images.

Our QDC cut requires QDC < 0.14 log(ltot / 161 cos(theta)), leaving 298 images. Of these, 257 are correctly identified images. Successful ID rate after cut is 86.2 % Fraction of pixels correctly identified is 5.2 % Fraction of pixels incorrectly identified is 0.8 % Additionally requiring multiplicity > 3 , we have 0 images . Of these, 0 are correctly identified images.

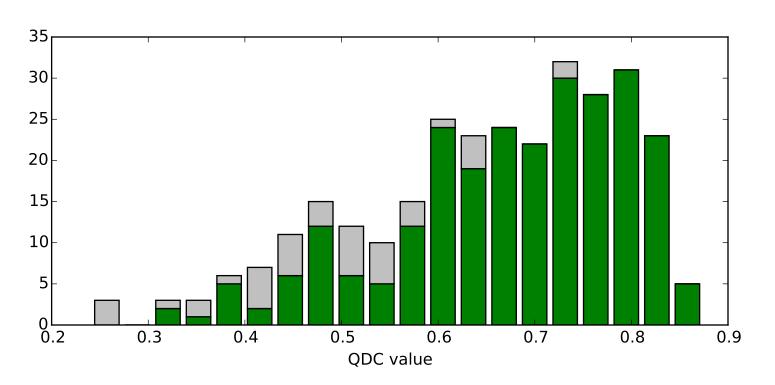
Our BDT cut requires Signal Probability > 0.5, we have 2477 images. Of these, 2066 are correctly identified images. Successful ID rate after cut is 83.4 %
Fraction of pixels correctly identified is 42.1 %
Fraction of pixels incorrectly identified is 8.4 %
Additionally requiring signal > 150, we have 2089 images.
Of these, 1833 are correctly identified images.
Successful ID rate after cut is 87.7 %
Fraction of pixels correctly identified is 37.3 %
Fraction of pixels incorrectly identified is 5.2 %
Additionally requiring multiplicity > 3, we have 915 images.
Of these, 826 are correctly identified images.
Successful ID rate after cut is 90.3 %
Fraction of pixels correctly identified is 16.8 %
Fraction of pixels incorrectly identified is 1.8 %



Signal in pure DC pixel without shower



Distribution of QDC-reconstructed Events



Distribution of BDT-reconstructed Events, after cuts

