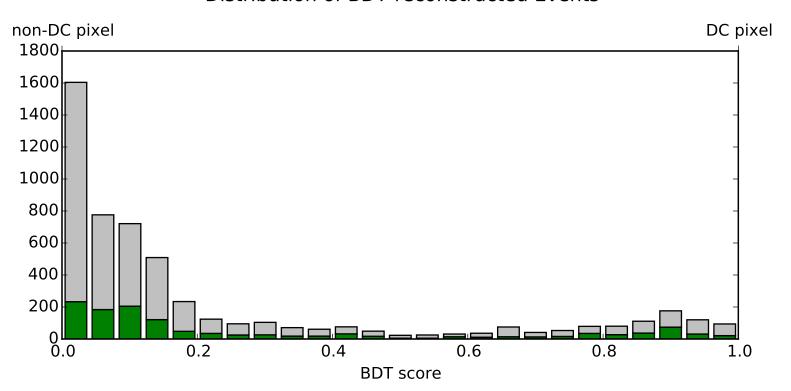
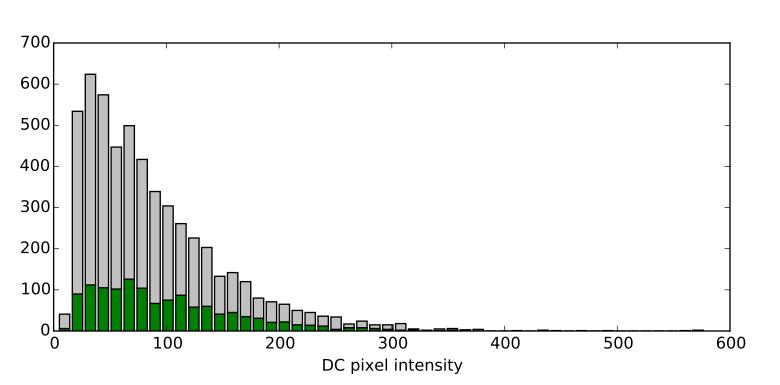
Correct Incorrect

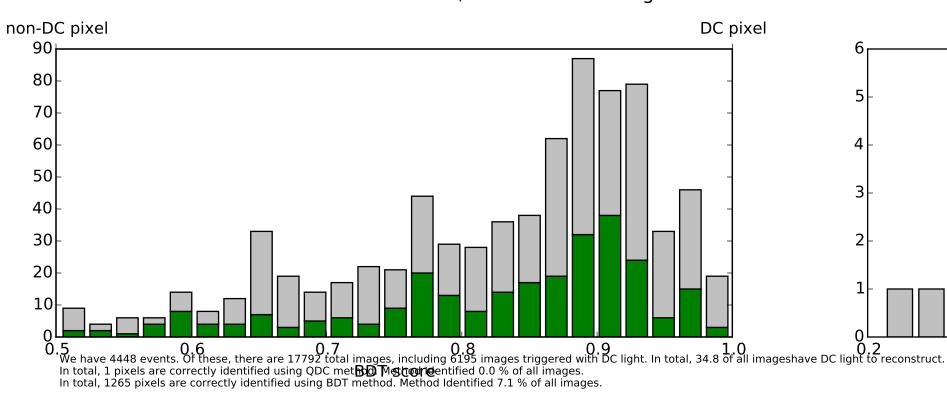
Distribution of BDT-reconstructed Events



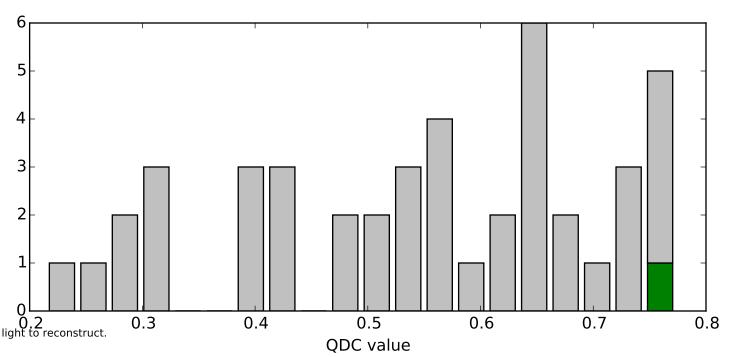
Signal in pure DC pixel without shower



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



Distribution of QDC-reconstructed Events



Our QDC cut requires QDC < 0.14 log(ltot / 161 cos(theta)), leaving 44 images. Of these, 1 are correctly identified images. Successful ID rate after cut is 2.3 % Fraction of pixels correctly identified is 0.0 % Fraction of pixels incorrectly identified is 0.2 % 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 934 images. Of these, 301 are correctly identified images. Successful ID rate after cut is 32.2 % Fraction of pixels correctly identified is 1.7 % Fraction of pixels incorrectly identified is 3.6 % Additionally requiring signal > 150, we have 763 images. Of these, 268 are correctly identified images. Successful ID rate after cut is 35.1 % Fraction of pixels correctly identified is 1.5 % Fraction of pixels incorrectly identified is 2.8 % Additionally requiring multiplicity > 3 we have 44 images . Of these, 10 are correctly identified images. Successful ID rate after cut is 22.7 % Fraction of pixels correctly identified is 0.1 % Fraction of pixels incorrectly identified is 0.1 % Fraction of pixels incorrectly identified is 0.2 %

Additionally requiring Aspect ratio $> 0.38\,$ we have 1 images . Of these, 1 are correctly identified images. Successful ID rate after cut is $100.0\,\%$ Fraction of pixels correctly identified is $0.0\,\%$ Fraction of pixels incorrectly identified is $0.0\,\%$

Distribution of BDT-reconstructed Events, after cuts

