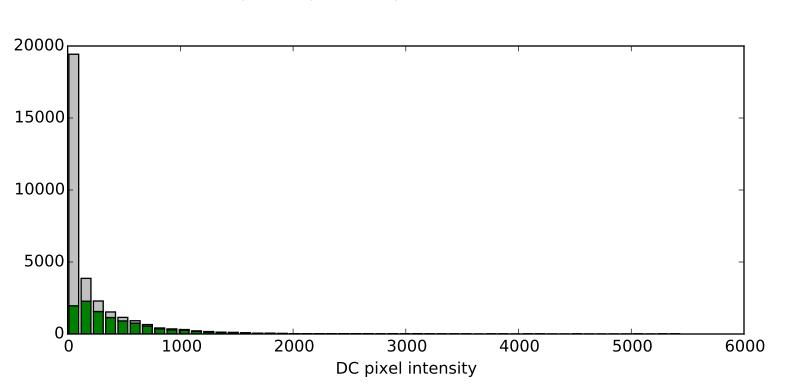


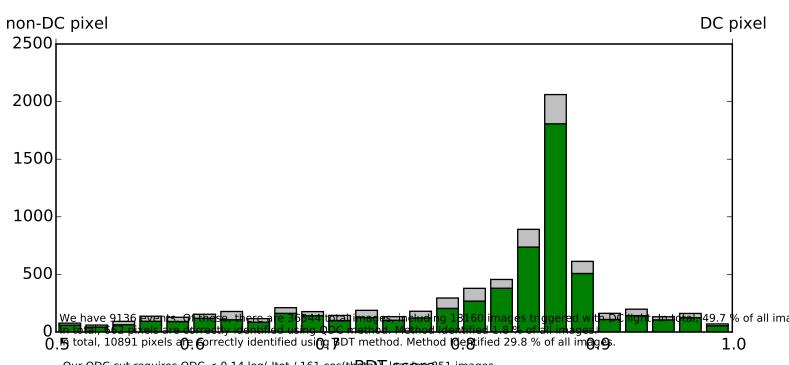
Distribution of BDT-reconstructed Events

non-DC pixel 8000 7000 6000 4000 3000 2000 1000 0.2 0.4 0.6 0.8 1.0

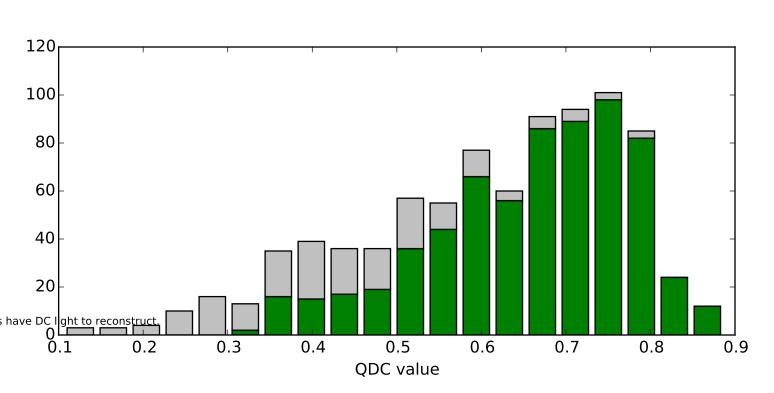
Signal in pure DC pixel without shower



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); Isaving:851 images. Of these, 662 are correctly identified images. Successful ID rate after cut is 77.8 % Fraction of pixels correctly identified is 1.8 % Fraction of pixels incorrectly identified is 0.5 % Additionally requiring multiplicity > 3, we have 3 images. Of these, 3 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 %

Our BDT cut requires Signal Probability > 0.5, we have 11999 images. Of these, 7516 are correctly identified images. Successful ID rate after cut is 62.6 % Fraction of pixels correctly identified is 20.6 % Fraction of pixels incorrectly identified is 12.3 % Additionally requiring signal > 150, we have 7393 images. Of these, 5852 are correctly identified images. Successful ID rate after cut is 79.2 % Fraction of pixels correctly identified is 16.0 % Fraction of pixels incorrectly identified is 4.2 % Additionally requiring multiplicity > 3 we have 961 images . Of these, 805 are correctly identified images. Successful ID rate after cut is 83.8 % Fraction of pixels correctly identified is 2.2 % Fraction of pixels incorrectly identified is 0.4 %

Additionally requiring Aspect ratio > 0.4 we have 890 images . Of these, 750 are correctly identified images. Successful ID rate after cut is 84.3 % Fraction of pixels correctly identified is 2.1 % Fraction of pixels incorrectly identified is 0.4 %

Distribution of BDT-reconstructed Events, after cuts

