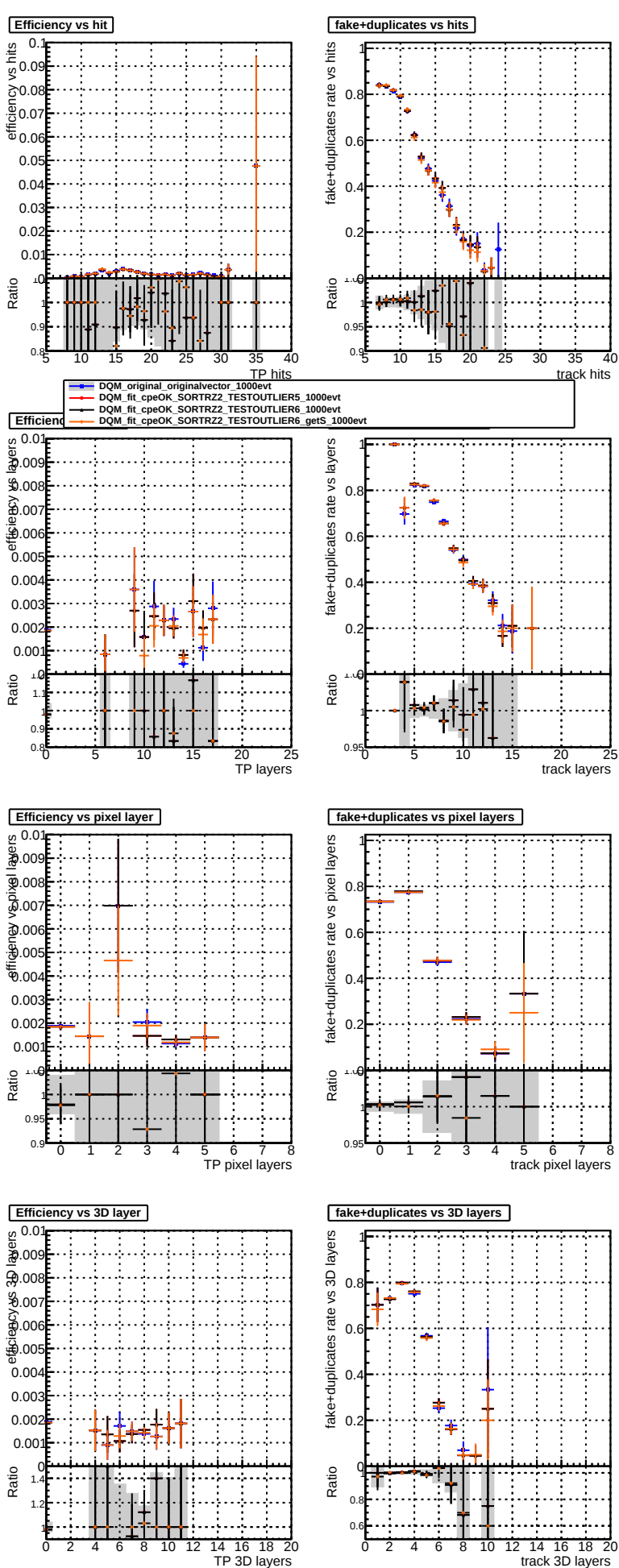




Efficiency vs TP layers

Plot of efficiency vs TP layers. The y-axis is 'efficiency vs TP layers' (0.0 to 0.01) and the x-axis is 'TP layers' (0 to 25). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp increase in efficiency at 15 layers.

fake+duplicates rate vs layers

Plot of fake+duplicates rate vs layers. The y-axis is 'fake+duplicates rate vs layers' (0.0 to 1.0) and the x-axis is 'track layers' (0 to 25). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp decrease in the fake+duplicates rate at 15 layers.

Efficiency vs pixel layer

Plot of efficiency vs pixel layer. The y-axis is 'efficiency vs pixel layer' (0.0 to 0.01) and the x-axis is 'TP pixel layers' (0 to 8). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp increase in efficiency at 2 pixel layers.

fake+duplicates rate vs pixel layers

Plot of fake+duplicates rate vs pixel layers. The y-axis is 'fake+duplicates rate vs pixel layers' (0.0 to 1.0) and the x-axis is 'track pixel layers' (0 to 8). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp decrease in the fake+duplicates rate at 5 pixel layers.

Efficiency vs 3D layer

Plot of efficiency vs 3D layer. The y-axis is 'efficiency vs 3D layer' (0.0 to 0.01) and the x-axis is 'TP 3D layers' (0 to 20). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp increase in efficiency at 10 3D layers.

fake+duplicates rate vs 3D layers

Plot of fake+duplicates rate vs 3D layers. The y-axis is 'fake+duplicates rate vs 3D layers' (0.0 to 1.0) and the x-axis is 'track 3D layers' (0 to 20). The plot shows a ratio of 1.0 with a shaded gray region. Data points are shown for four series: DQM_original_originalvector_1000evt (blue), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER5_1000evt (red), DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_1000evt (black), and DQM_fit_cpeOK_SORTRZ2_TESTOUTLIER6_getS_1000evt (orange). The orange series shows a sharp decrease in the fake+duplicates rate at 10 3D layers.