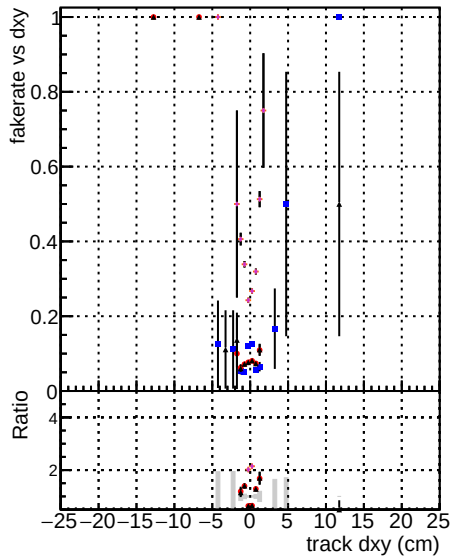
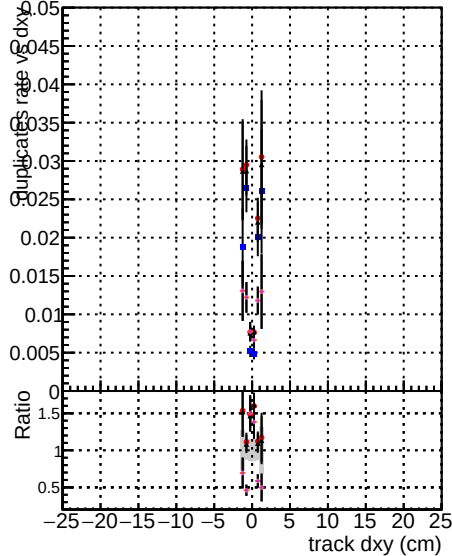


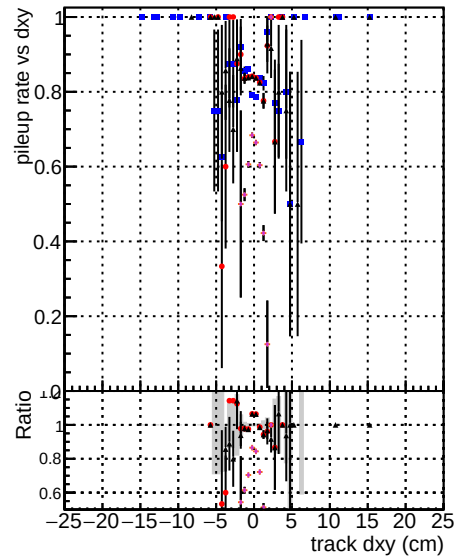
Fake rate vs dxy



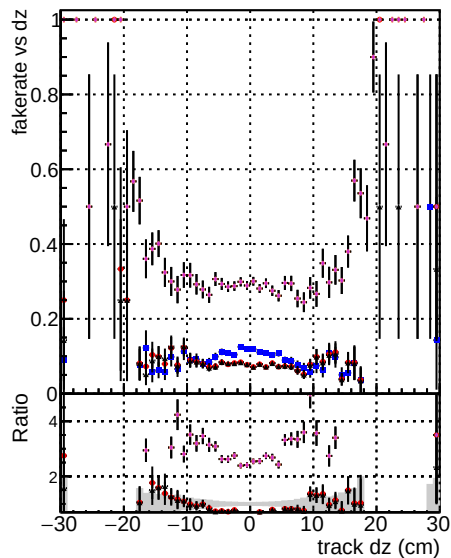
Duplicates Rate vs Dxy



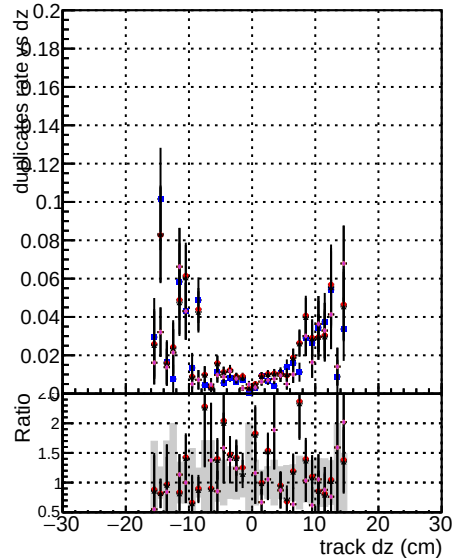
Pileup rate vs dxy



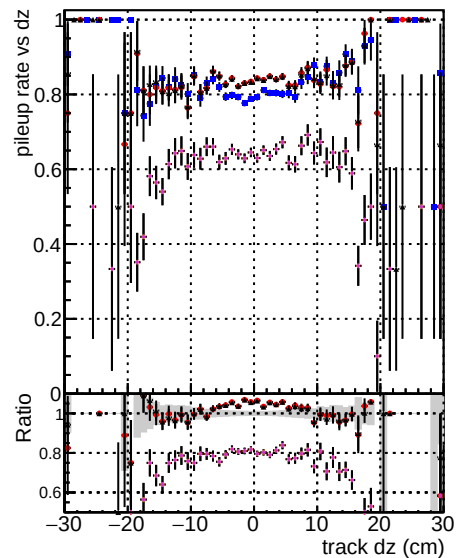
Fake rate vs dz



Duplicates rate vs dz



Pileup rate vs dz



DOM Meton3 Meton2 Meton1 Meton0 Meton-1 Meton-2 Meton-3 Meton-4 Meton-5 Meton-6 Meton-7 Meton-8 Meton-9 Meton-10 Meton-11 Meton-12 Meton-13 Meton-14 Meton-15 Meton-16 Meton-17 Meton-18 Meton-19 Meton-20 Meton-21 Meton-22 Meton-23 Meton-24 Meton-25 Meton-26 Meton-27 Meton-28 Meton-29 Meton-30 Meton-31 Meton-32 Meton-33 Meton-34 Meton-35 Meton-36 Meton-37 Meton-38 Meton-39 Meton-40 Meton-41 Meton-42 Meton-43 Meton-44 Meton-45 Meton-46 Meton-47 Meton-48 Meton-49 Meton-50 Meton-51 Meton-52 Meton-53 Meton-54 Meton-55 Meton-56 Meton-57 Meton-58 Meton-59 Meton-60 Meton-61 Meton-62 Meton-63 Meton-64 Meton-65 Meton-66 Meton-67 Meton-68 Meton-69 Meton-70 Meton-71 Meton-72 Meton-73 Meton-74 Meton-75 Meton-76 Meton-77 Meton-78 Meton-79 Meton-80 Meton-81 Meton-82 Meton-83 Meton-84 Meton-85 Meton-86 Meton-87 Meton-88 Meton-89 Meton-90 Meton-91 Meton-92 Meton-93 Meton-94 Meton-95 Meton-96 Meton-97 Meton-98 Meton-99 Meton-100

DOM Meton3 Meton2 Meton1 Meton0 Meton-1 Meton-2 Meton-3 Meton-4 Meton-5 Meton-6 Meton-7 Meton-8 Meton-9 Meton-10 Meton-11 Meton-12 Meton-13 Meton-14 Meton-15 Meton-16 Meton-17 Meton-18 Meton-19 Meton-20 Meton-21 Meton-22 Meton-23 Meton-24 Meton-25 Meton-26 Meton-27 Meton-28 Meton-29 Meton-30 Meton-31 Meton-32 Meton-33 Meton-34 Meton-35 Meton-36 Meton-37 Meton-38 Meton-39 Meton-40 Meton-41 Meton-42 Meton-43 Meton-44 Meton-45 Meton-46 Meton-47 Meton-48 Meton-49 Meton-50 Meton-51 Meton-52 Meton-53 Meton-54 Meton-55 Meton-56 Meton-57 Meton-58 Meton-59 Meton-60 Meton-61 Meton-62 Meton-63 Meton-64 Meton-65 Meton-66 Meton-67 Meton-68 Meton-69 Meton-70 Meton-71 Meton-72 Meton-73 Meton-74 Meton-75 Meton-76 Meton-77 Meton-78 Meton-79 Meton-80 Meton-81 Meton-82 Meton-83 Meton-84 Meton-85 Meton-86 Meton-87 Meton-88 Meton-89 Meton-90 Meton-91 Meton-92 Meton-93 Meton-94 Meton-95 Meton-96 Meton-97 Meton-98 Meton-99 Meton-100