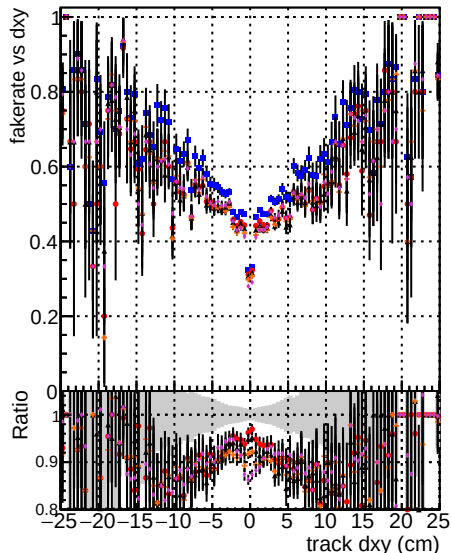
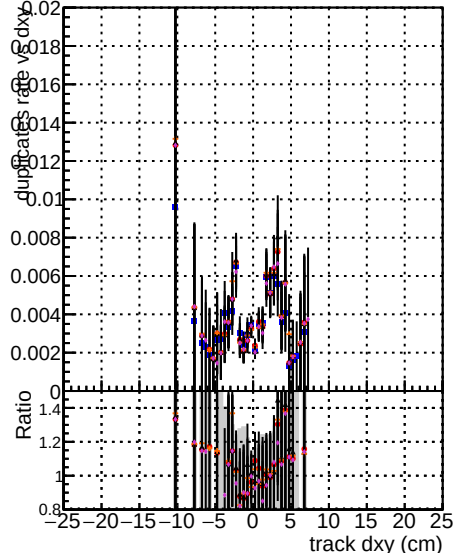


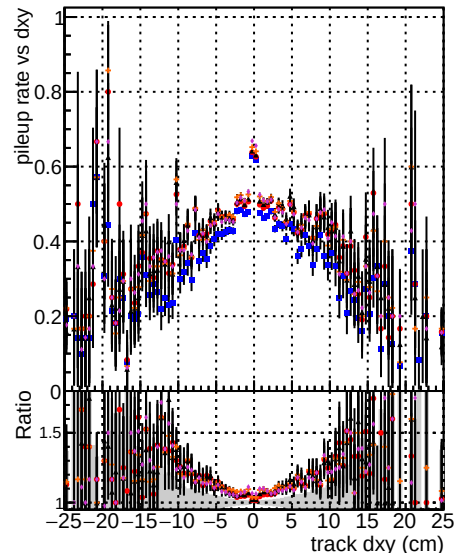
Fake rate vs dxy



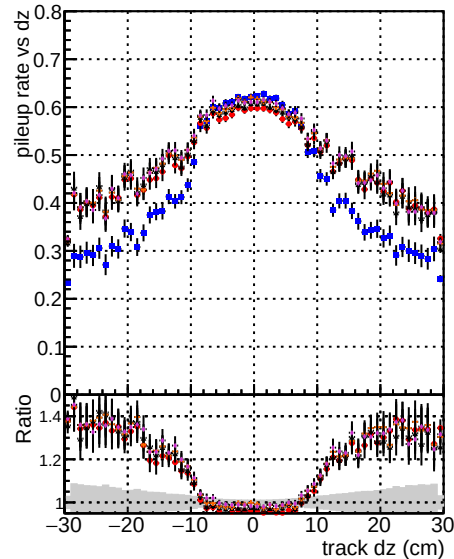
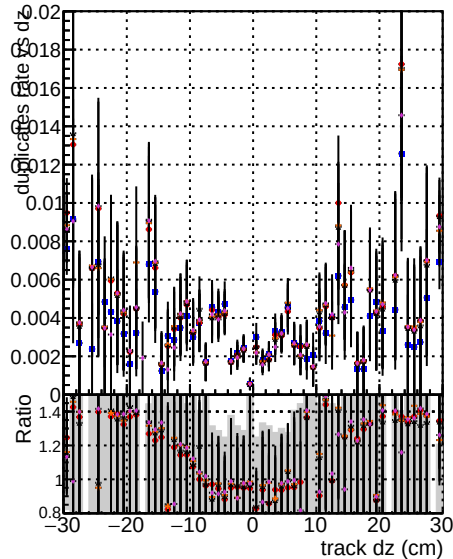
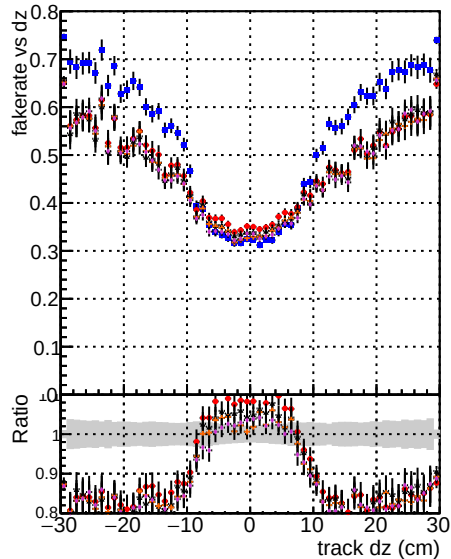
Duplicates Rate vs Dxy



Pileup rate vs dxy



Fake rate vs dz



Legend for detector regions:

- Black: DOM mk1-6
- Blue: DOM mk7-10
- Red: DOM mk11-14
- Green: DOM mk15-18
- Orange: DOM mk19-22
- Purple: DOM mk23-26
- Grey: DOM mk27-30
- White: DOM mk31-34
- Light Blue: DOM mk35-38
- Light Green: DOM mk39-42
- Light Orange: DOM mk43-46
- Light Purple: DOM mk47-50
- Light Grey: DOM mk51-54
- Light White: DOM mk55-58
- Light Blue-White: DOM mk59-62
- Light Green-White: DOM mk63-66
- Light Orange-White: DOM mk67-70
- Light Purple-White: DOM mk71-74
- Light Grey-White: DOM mk75-78
- Light White-White: DOM mk79-82
- Light Blue-White: DOM mk83-86
- Light Green-White: DOM mk87-90
- Light Orange-White: DOM mk91-94
- Light Purple-White: DOM mk95-98
- Light Grey-White: DOM mk99-102
- Light White-White: DOM mk103-106
- Light Blue-White: DOM mk107-110
- Light Green-White: DOM mk111-114
- Light Orange-White: DOM mk115-118
- Light Purple-White: DOM mk119-122
- Light Grey-White: DOM mk123-126
- Light White-White: DOM mk127-130
- Light Blue-White: DOM mk131-134
- Light Green-White: DOM mk135-138
- Light Orange-White: DOM mk139-142
- Light Purple-White: DOM mk143-146
- Light Grey-White: DOM mk147-150
- Light White-White: DOM mk151-154
- Light Blue-White: DOM mk155-158
- Light Green-White: DOM mk159-162
- Light Orange-White: DOM mk163-166
- Light Purple-White: DOM mk167-170
- Light Grey-White: DOM mk171-174
- Light White-White: DOM mk175-178
- Light Blue-White: DOM mk179-182
- Light Green-White: DOM mk183-186
- Light Orange-White: DOM mk187-190
- Light Purple-White: DOM mk191-194
- Light Grey-White: DOM mk195-198
- Light White-White: DOM mk199-202
- Light Blue-White: DOM mk203-206
- Light Green-White: DOM mk207-210
- Light Orange-White: DOM mk211-214
- Light Purple-White: DOM mk215-218
- Light Grey-White: DOM mk219-222
- Light White-White: DOM mk223-226
- Light Blue-White: DOM mk227-230
- Light Green-White: DOM mk231-234
- Light Orange-White: DOM mk235-238
- Light Purple-White: DOM mk239-242
- Light Grey-White: DOM mk243-246
- Light White-White: DOM mk247-250
- Light Blue-White: DOM mk251-254
- Light Green-White: DOM mk255-258
- Light Orange-White: DOM mk259-262
- Light Purple-White: DOM mk263-266
- Light Grey-White: DOM mk267-270
- Light White-White: DOM mk271-274
- Light Blue-White: DOM mk275-278
- Light Green-White: DOM mk279-282
- Light Orange-White: DOM mk283-286
- Light Purple-White: DOM mk287-290
- Light Grey-White: DOM mk291-294
- Light White-White: DOM mk295-298
- Light Blue-White: DOM mk299-302
- Light Green-White: DOM mk303-306
- Light Orange-White: DOM mk307-310
- Light Purple-White: DOM mk311-314
- Light Grey-White: DOM mk315-318
- Light White-White: DOM mk319-322
- Light Blue-White: DOM mk323-326
- Light Green-White: DOM mk327-330
- Light Orange-White: DOM mk331-334
- Light Purple-White: DOM mk335-338
- Light Grey-White: DOM mk339-342
- Light White-White: DOM mk343-346
- Light Blue-White: DOM mk347-350
- Light Green-White: DOM mk351-354
- Light Orange-White: DOM mk355-358
- Light Purple-White: DOM mk359-362
- Light Grey-White: DOM mk363-366
- Light White-White: DOM mk367-370
- Light Blue-White: DOM mk371-374
- Light Green-White: DOM mk375-378
- Light Orange-White: DOM mk379-382
- Light Purple-White: DOM mk383-386
- Light Grey-White: DOM mk387-390
- Light White-White: DOM mk391-394
- Light Blue-White: DOM mk395-398
- Light Green-White: DOM mk399-402
- Light Orange-White: DOM mk403-406
- Light Purple-White: DOM mk407-410
- Light Grey-White: DOM mk411-414
- Light White-White: DOM mk415-418
- Light Blue-White: DOM mk419-422
- Light Green-White: DOM mk423-426
- Light Orange-White: DOM mk427-430
- Light Purple-White: DOM mk431-434
- Light Grey-White: DOM mk435-438
- Light White-White: DOM mk439-442
- Light Blue-White: DOM mk443-446
- Light Green-White: DOM mk447-450
- Light Orange-White: DOM mk451-454
- Light Purple-White: DOM mk455-458
- Light Grey-White: DOM mk459-462
- Light White-White: DOM mk463-466
- Light Blue-White: DOM mk467-470
- Light Green-White: DOM mk471-474
- Light Orange-White: DOM mk475-478
- Light Purple-White: DOM mk479-482
- Light Grey-White: DOM mk483-486
- Light White-White: DOM mk487-490
- Light Blue-White: DOM mk491-494
- Light Green-White: DOM mk495-498
- Light Orange-White: DOM mk499-502
- Light Purple-White: DOM mk499-502