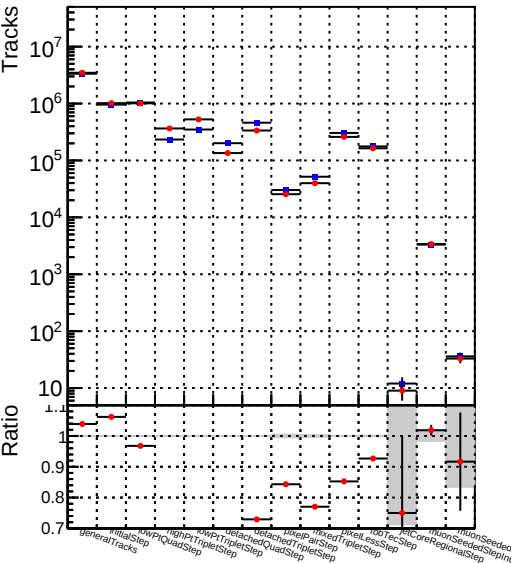
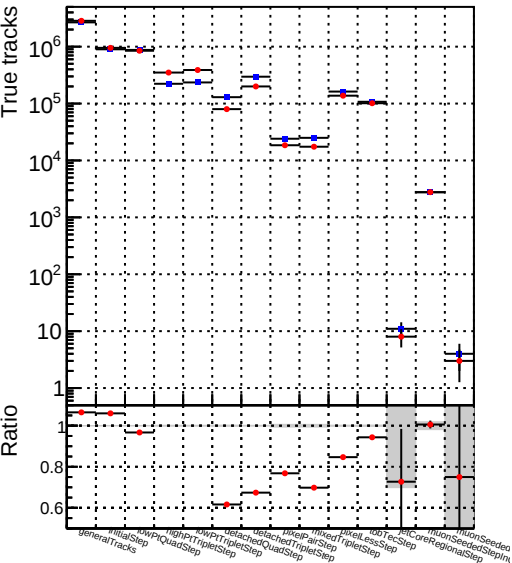


Number of tracks vs collection



Number of true tracks vs collection



■ DQM_mkFit_XiMinusPU_retrain

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

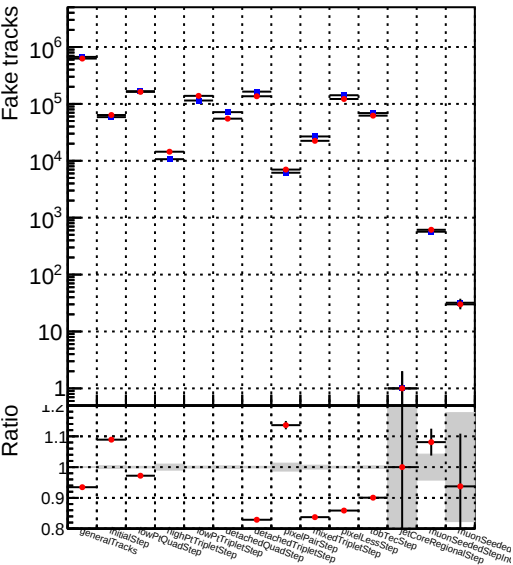


Figure 1 is a log-linear plot showing the ratio of duplicate tracks for various methods. The y-axis is labeled 'Ratio' and ranges from 0.7 to 10^5 on a logarithmic scale. The x-axis lists 15 methods: GeneralTracks, MultiStep, HighPrecision, HighPrecisionStep, HighPrecisionStepStep, HighPrecisionStepStepStep, HighPrecisionStepStepStepStep, HighPrecisionStepStepStepStepStep, HighPrecisionStepStepStepStepStepStep, HighPrecisionStepStepStepStepStepStepStep, HighPrecisionStepStepStepStepStepStepStepStep, HighPrecisionStepStepStepStepStepStepStepStepStep, HighPrecisionStepStepStepStepStepStepStepStepStepStep, HighPrecisionStepStepStepStepStepStepStepStepStepStepStep, and HighPrecisionStepStepStepStepStepStepStepStepStepStepStepStep. A horizontal line at Ratio=1 indicates the baseline. The methods are grouped into three categories: GeneralTracks (black), HighPrecision (grey), and LowPrecision (light grey). Each method has a red dot representing the mean ratio and a vertical error bar representing the standard deviation.

Method	Category	Mean Ratio (approx.)	Standard Deviation (approx.)
GeneralTracks	GeneralTracks	1.0	0.1
MultiStep	GeneralTracks	0.95	0.05
HighPrecision	HighPrecision	0.9	0.05
HighPrecisionStep	HighPrecision	0.9	0.05
HighPrecisionStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05
HighPrecisionStepStepStepStepStepStepStepStepStepStepStepStepStep	HighPrecision	0.9	0.05

