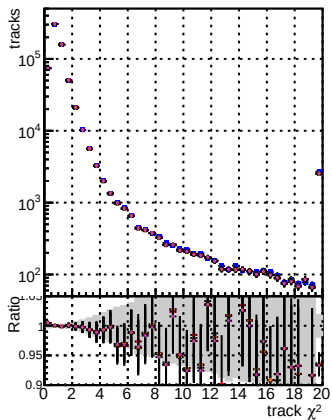
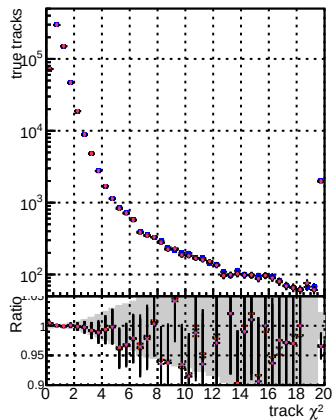


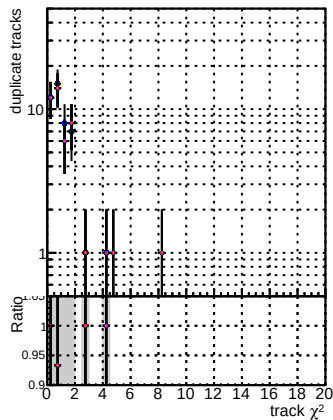
N of reco track vs normalized χ^2



N of associated (recoToSim) tracks vs normalized χ^2



N of associated (recoToSim) looper tracks vs normalized χ^2



N of reco track vs. s	
0	0.00
1	0.00
2	0.00
3	0.00
4	0.00
5	0.00
6	0.00
7	0.00
8	0.00
9	0.00
10	0.00
11	0.00
12	0.00
13	0.00
14	0.00
15	0.00
16	0.00
17	0.00
18	0.00
19	0.00
20	0.00
21	0.00
22	0.00
23	0.00
24	0.00
25	0.00
26	0.00
27	0.00
28	0.00
29	0.00
30	0.00
31	0.00
32	0.00
33	0.00
34	0.00
35	0.00
36	0.00
37	0.00
38	0.00
39	0.00
40	0.00
41	0.00
42	0.00
43	0.00
44	0.00
45	0.00
46	0.00
47	0.00
48	0.00
49	0.00
50	0.00
51	0.00
52	0.00
53	0.00
54	0.00
55	0.00
56	0.00
57	0.00
58	0.00
59	0.00
60	0.00
61	0.00
62	0.00
63	0.00
64	0.00
65	0.00
66	0.00
67	0.00
68	0.00
69	0.00
70	0.00
71	0.00
72	0.00
73	0.00
74	0.00
75	0.00
76	0.00
77	0.00
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91	0.00
92	0.00
93	0.00
94	0.00
95	0.00
96	0.00
97	0.00
98	0.00
99	0.00
100	0.00
101	0.00
102	0.00
103	0.00
104	0.00
105	0.00
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115	0.00
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120	0.00
121	0.00
122	0.00
123	0.00
124	0.00
125	0.00
126	0.00
127	0.00
128	0.00
129	0.00
130	0.00
131	0.00
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134	0.00
135	0.00
136	0.00
137	0.00
138	0.00
139	0.00
140	0.00
141	0.00
142	0.00
143	0.00
144	0.00
145	0.00
146	0.00
147	0.00
148	0.00
149	0.00
150	0.00
151	0.00
152	0.00
153	0.00
154	0.00
155	0.00
156	0.00
157	0.00
158	0.00
159	0.00
1	

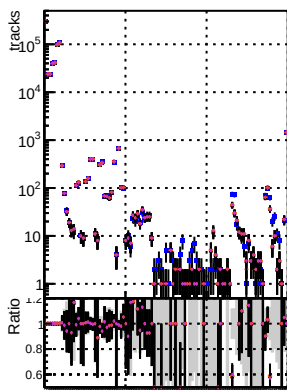


Figure 1 consists of two panels. The top panel shows the ratio of duplicate tracks to total tracks on a log-linear scale. The y-axis is labeled 'duplicate tracks' and ranges from 1 to 10 on a log scale. The x-axis is labeled 'Ratio' and ranges from 0 to 1.5 on a linear scale. The bottom panel shows the ratio of duplicate tracks to total tracks on a log-linear scale. The y-axis is labeled 'Ratio' and ranges from 1 to 1.5 on a log scale. The x-axis is labeled 'duplicate tracks' and ranges from 0 to 1.5 on a linear scale. Both panels show data points with error bars and a fitted curve.