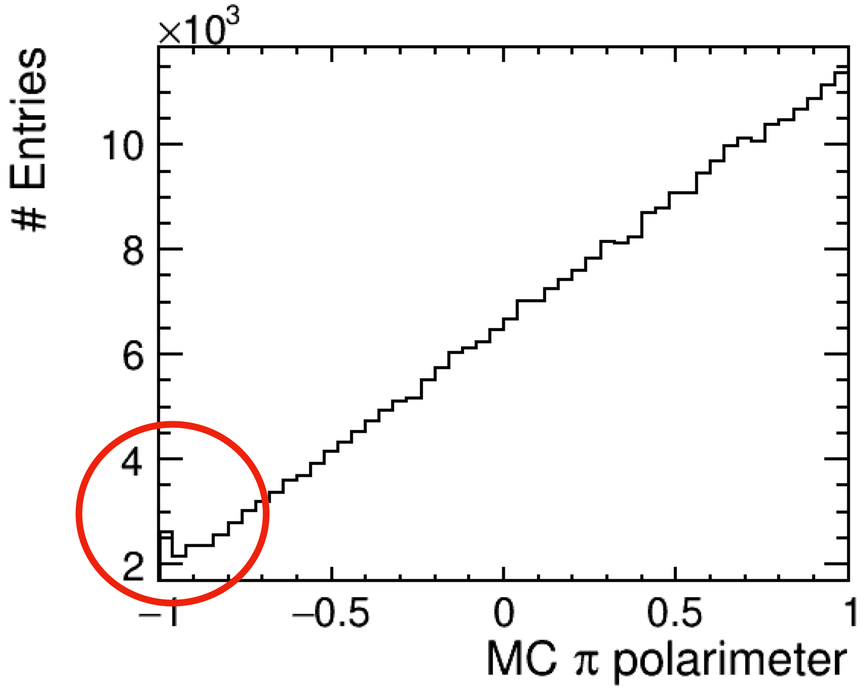
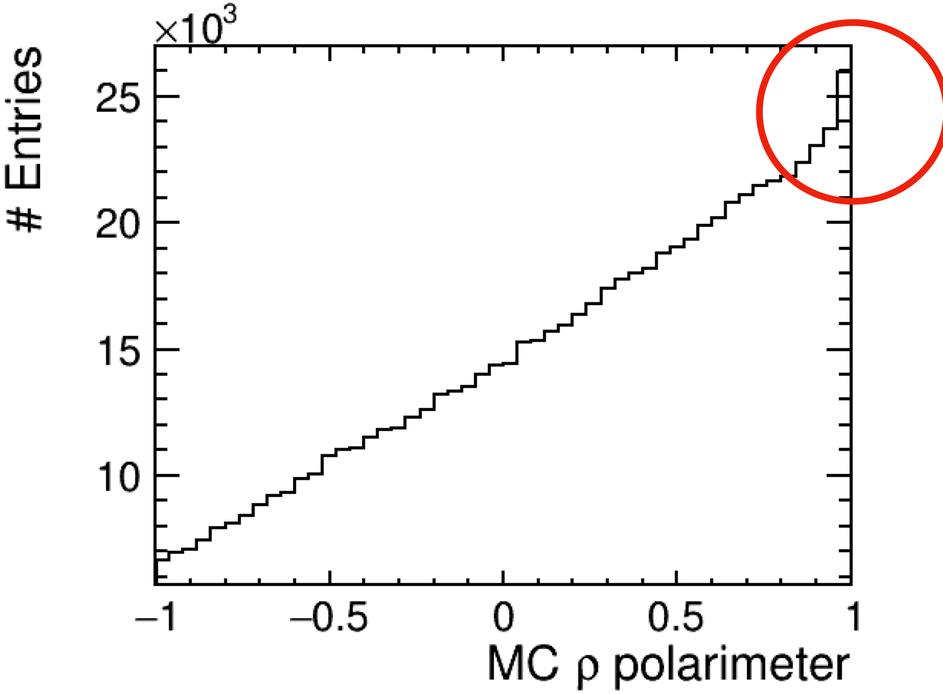
Some of the issues were fixed

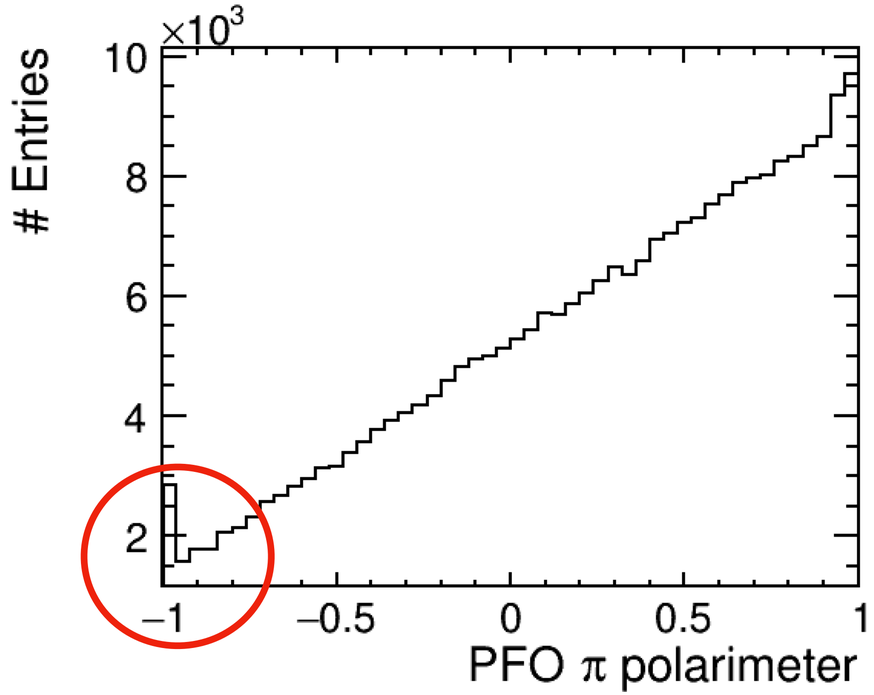
- polarimeter was calculated in decay modes other than pi/rho.
  pol = 0 => cos(pol) = 1

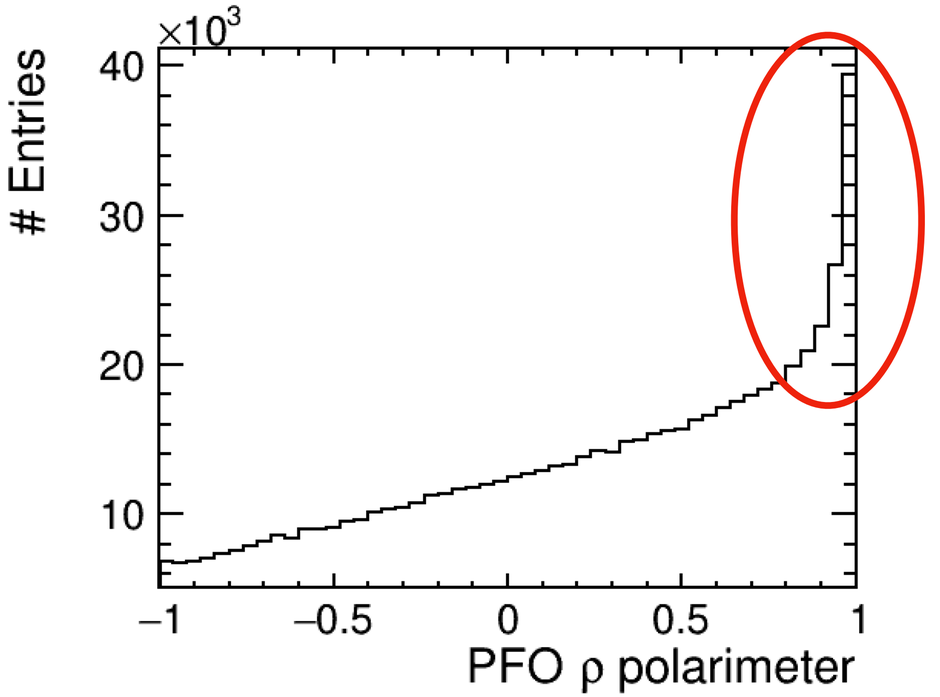
- Some variables were not initialised properly

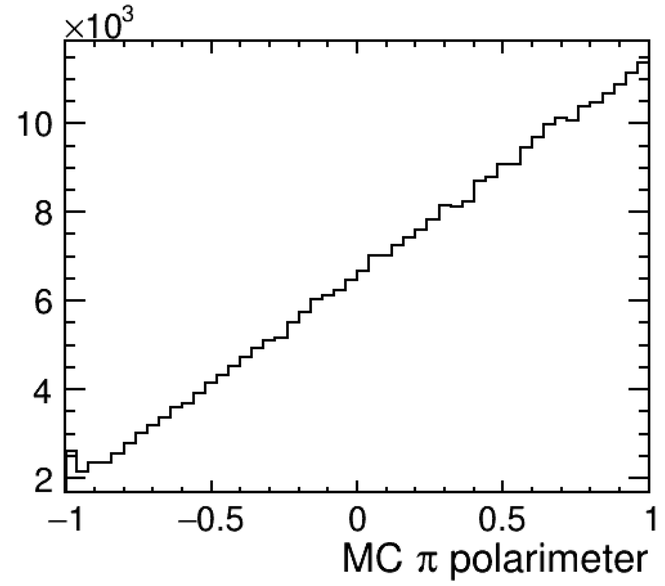
polarimeter still have a peak at 1 or -1 even in MC

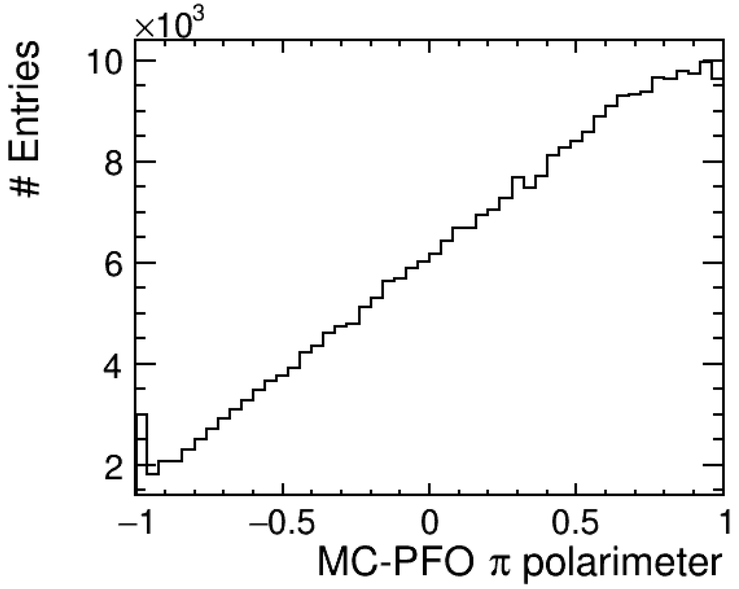


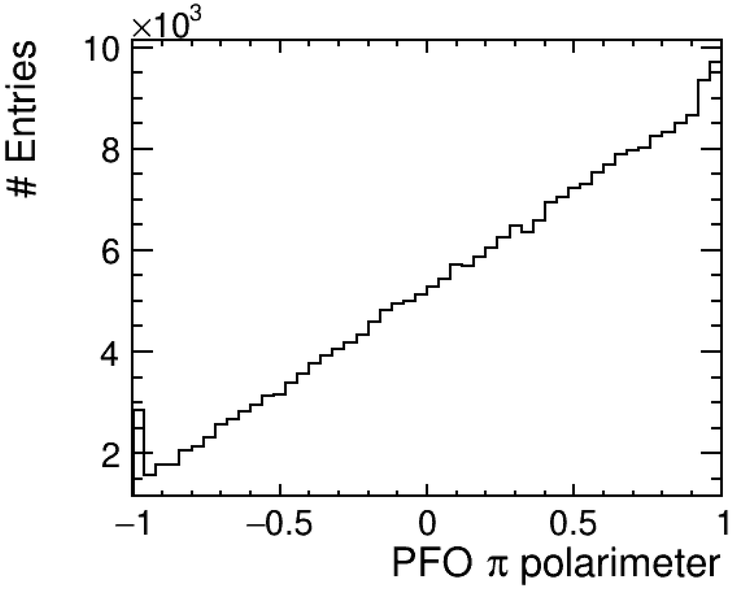


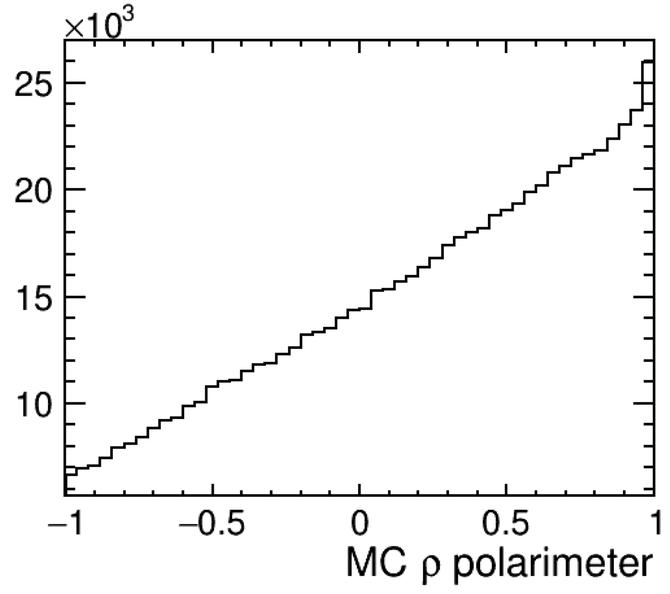


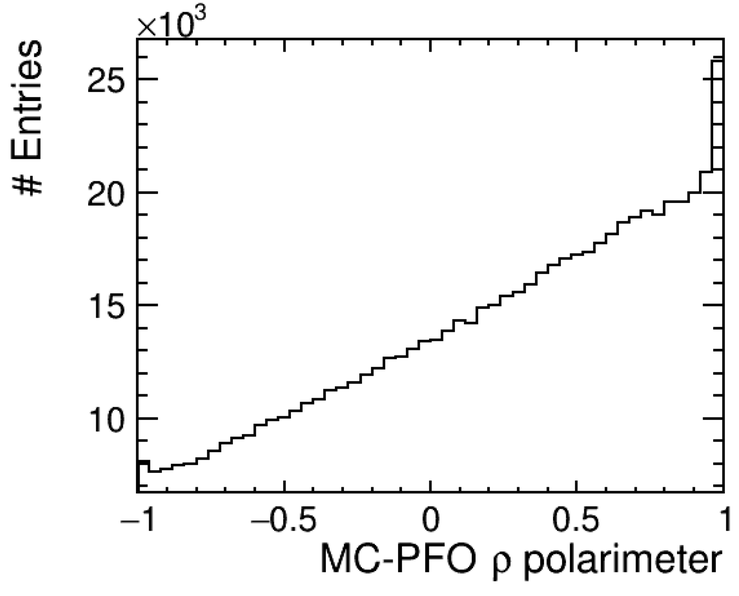


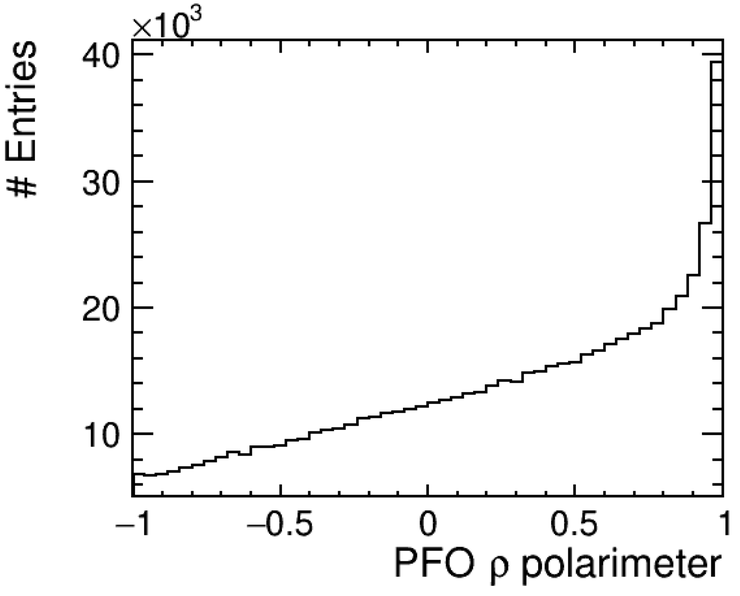

×10^3
10
8
6
4
2
−1
−0.5
0
0.5
1
MC π polarimeter


Entries
×10^3
10
8
6
4
2
−1
−0.5
0
0.5
1
MC-PFO π polarimeter


Entries
×10^3
10
8
6
4
2
−1
−0.5
0
0.5
1
PFO π polarimeter


×10^3
25
20
15
10
−1
−0.5
0
0.5
1
MC ρ polarimeter


Entries
×10^3
25
20
15
10
−1
−0.5
0
0.5
1
MC-PFO ρ polarimeter


Entries
×10^3
40
30
20
10
−1
−0.5
0
0.5
1
PFO ρ polarimeter