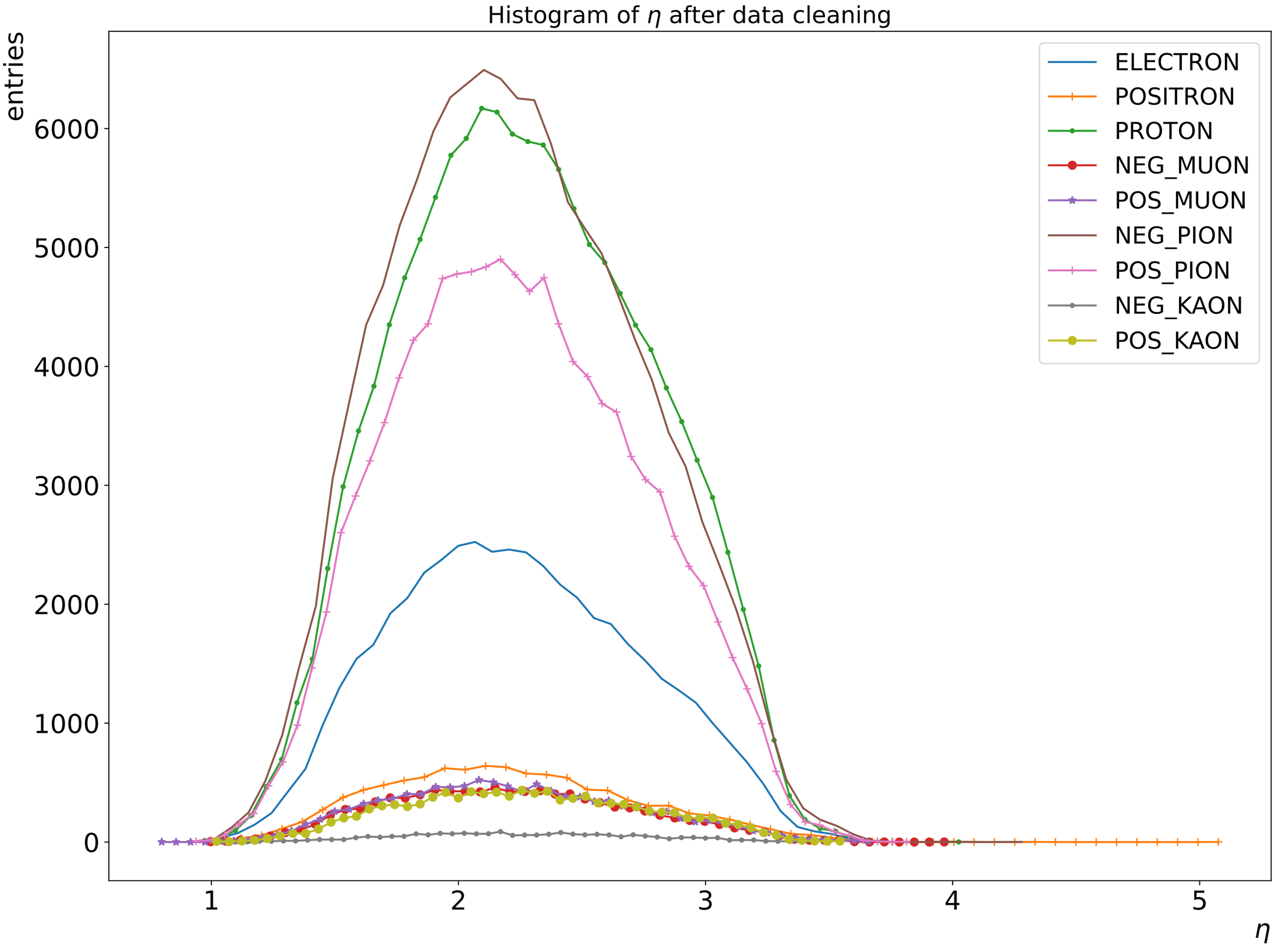
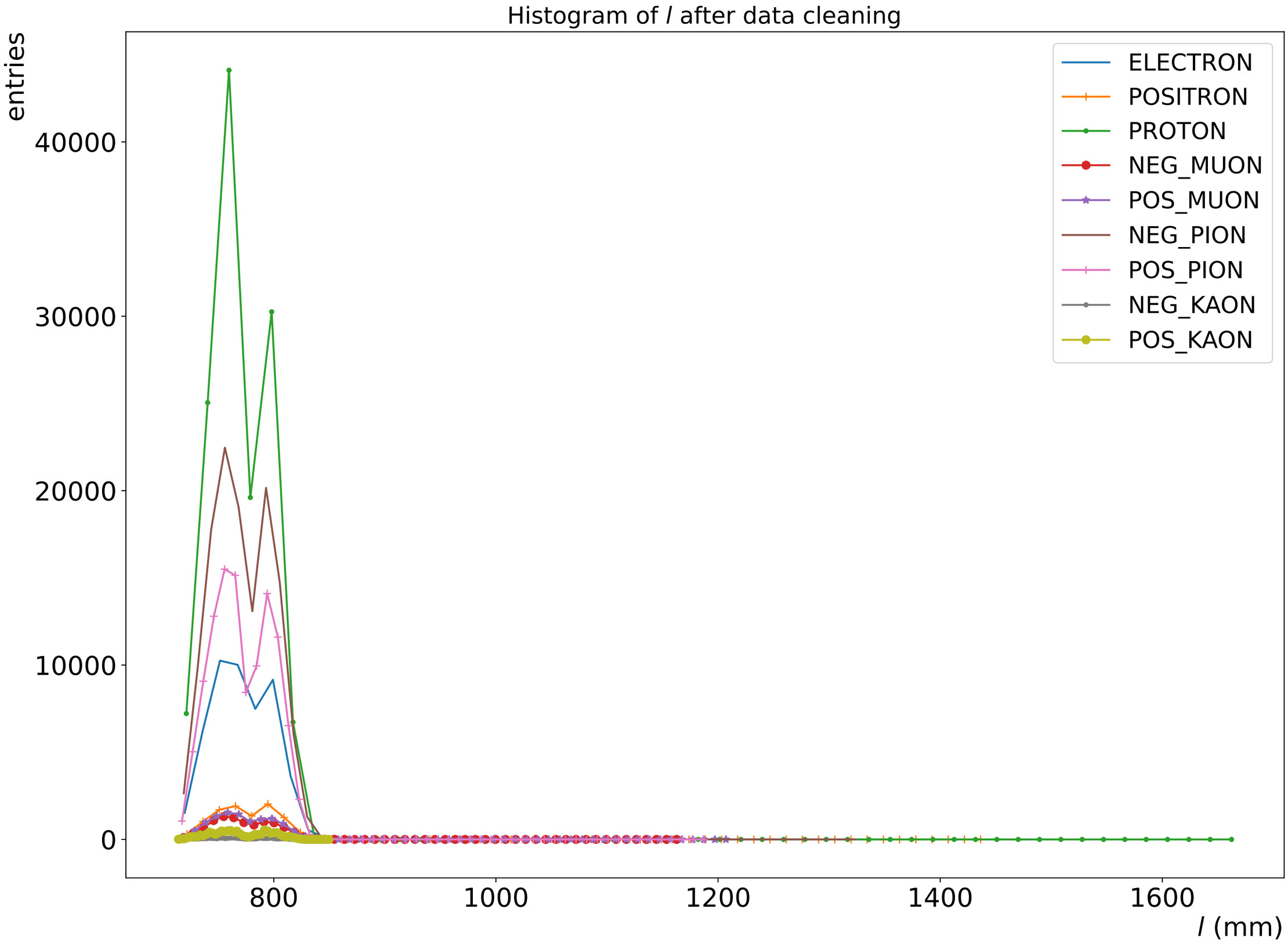

Histogram of η after data cleaning
entries
6000
5000
4000
3000
2000
1000
0
1
2
3
4
5
η
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON


Histogram of l after data cleaning
entries
40000
30000
20000
10000
0
800
1000
1200
1400
1600
l (mm)
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

Histogram of *mass* after data cleaning

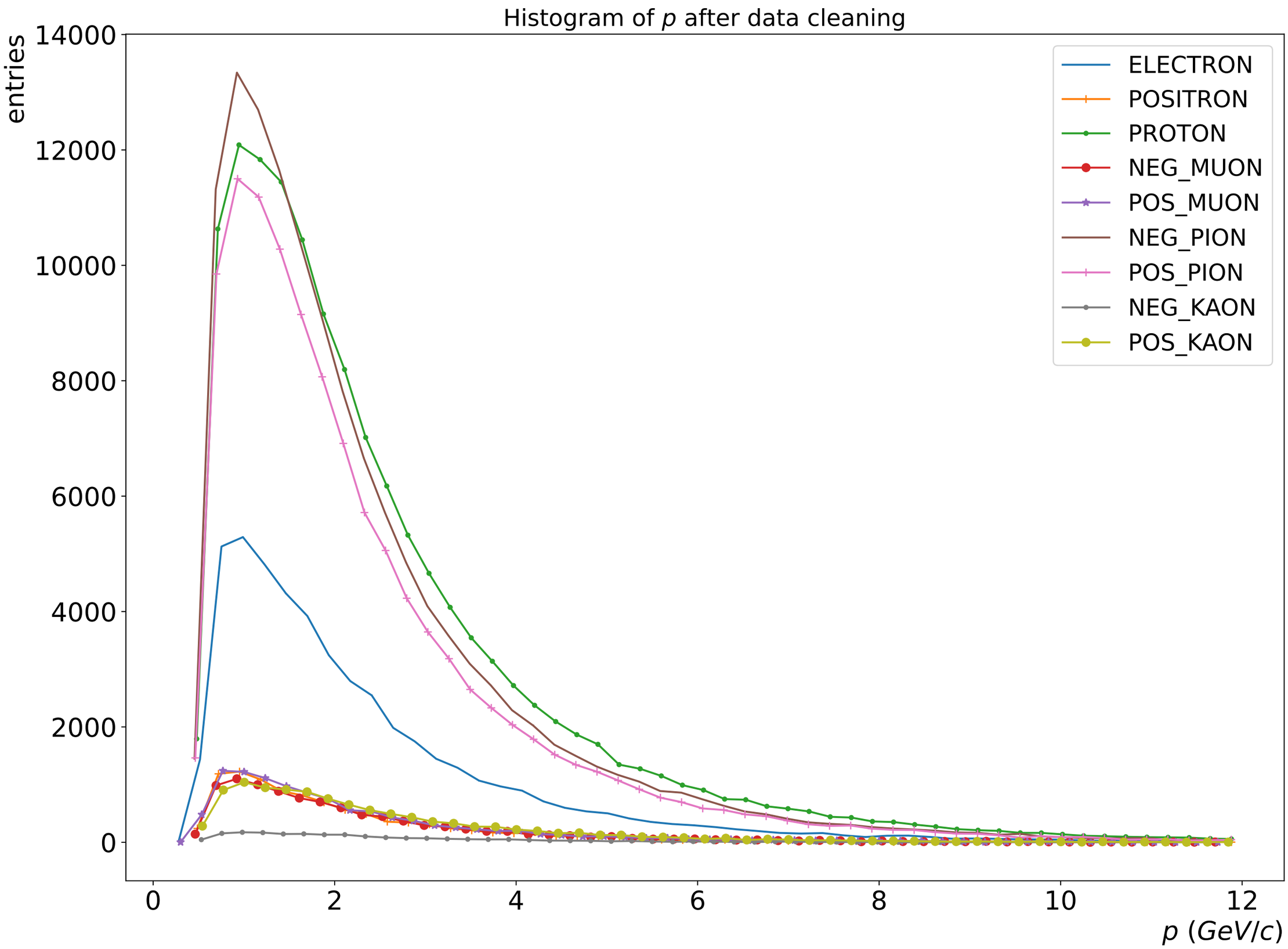
entries

120000
100000
80000
60000
40000
20000
0

ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

−0.50 −0.25 0.00 0.25 0.50 0.75 1.00 1.25 1.50

mass (GeV/c^2)


Histogram of p after data cleaning
entries
14000
12000
10000
8000
6000
4000
2000
0
0
2
4
6
8
10
12
p (GeV/c)
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

Histogram of p_T after data cleaning

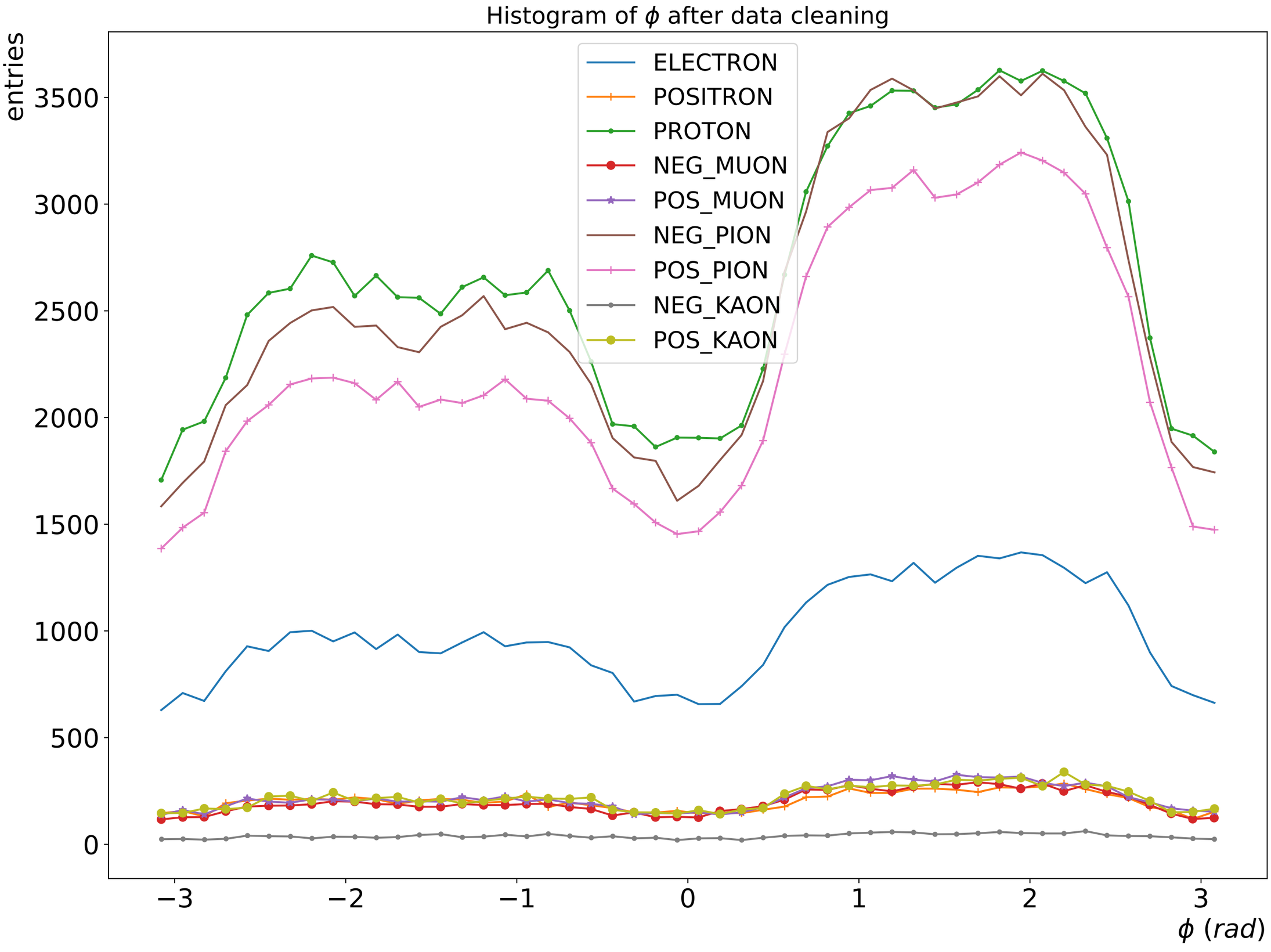
entries

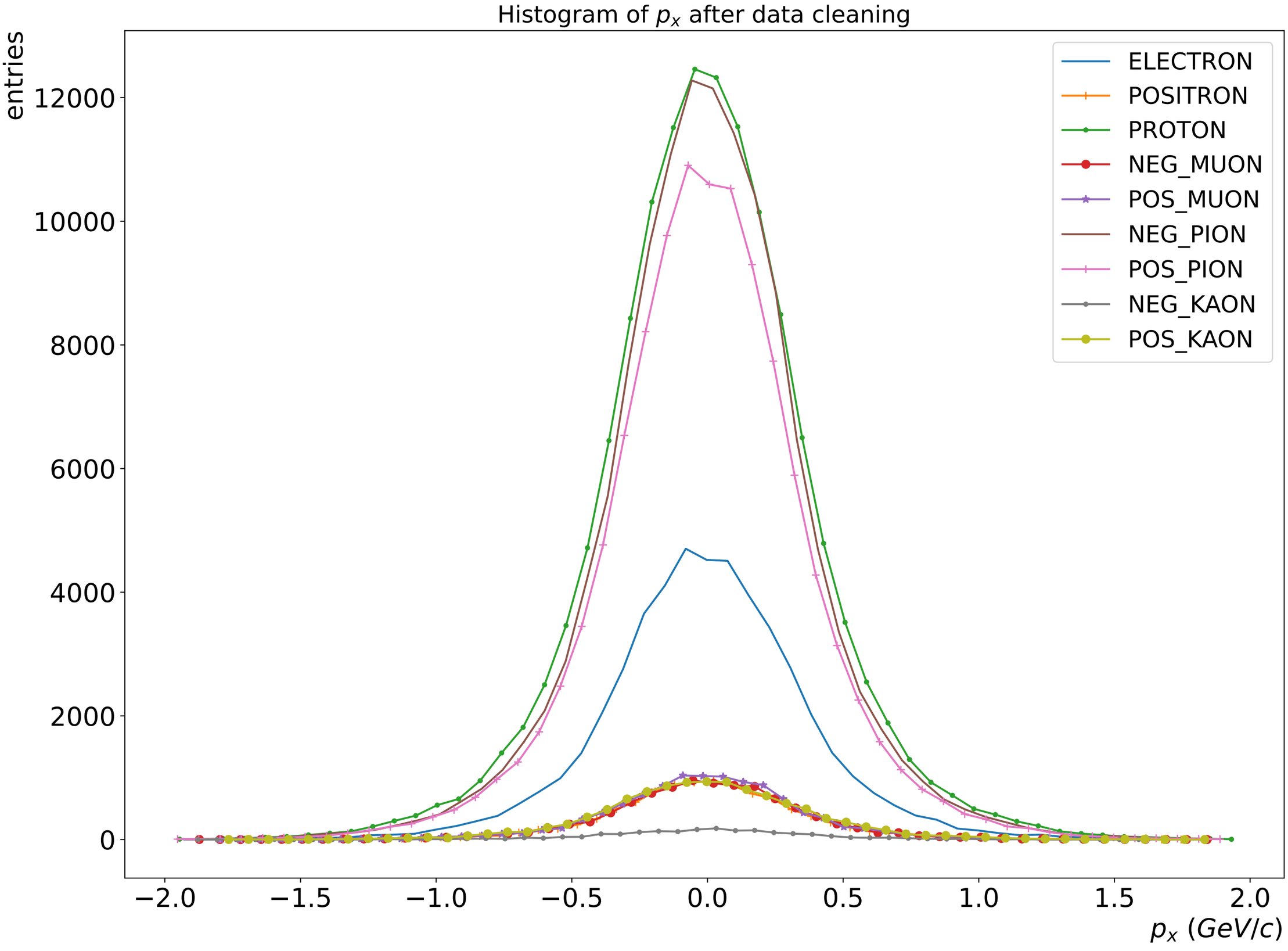
10000
8000
6000
4000
2000
0

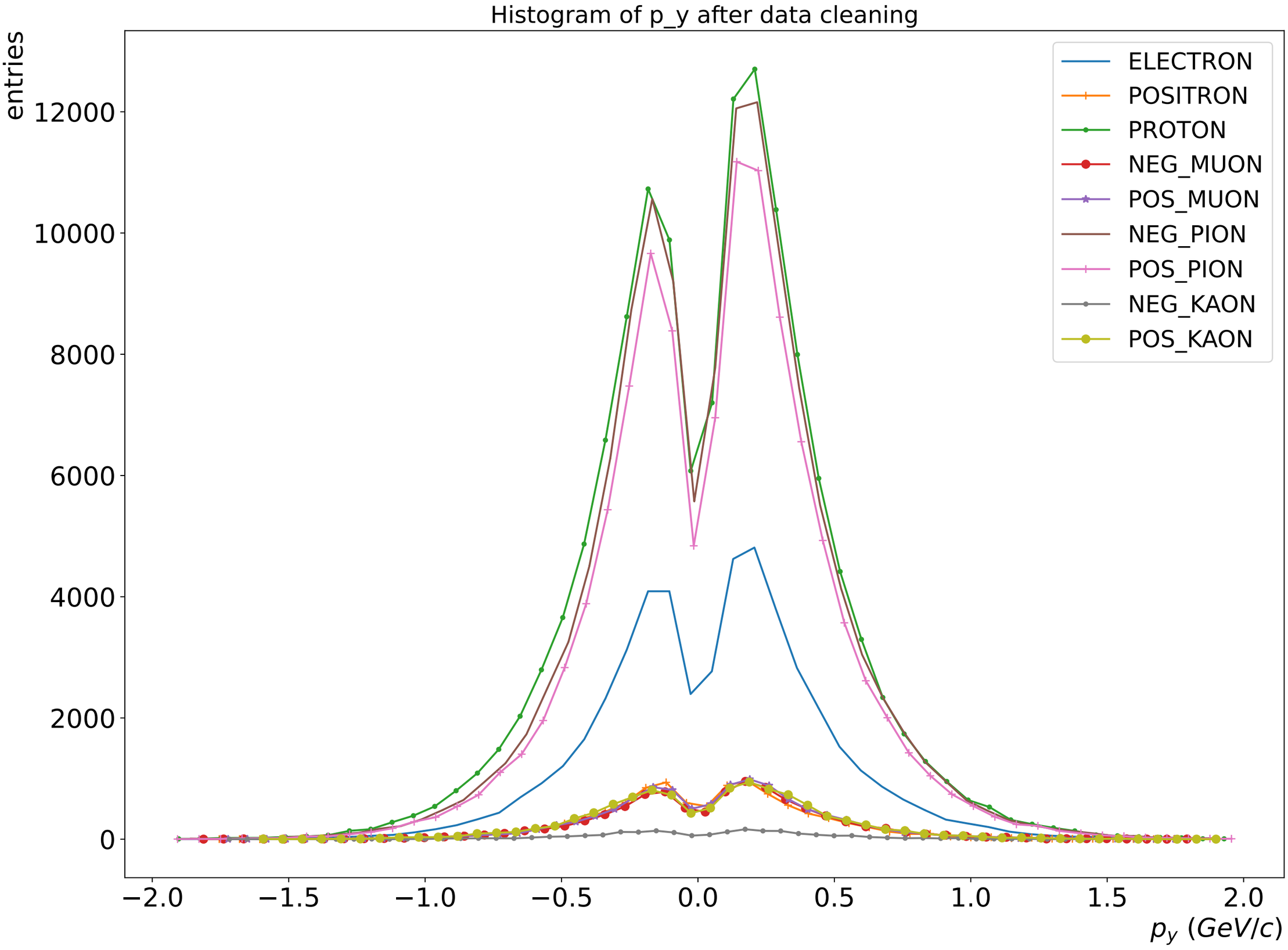
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00

p_T (GeV/c)


Histogram of ϕ after data cleaning
entries
3500
3000
2500
2000
1500
1000
500
0
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON
−3
−2
−1
0
1
2
3
ϕ (rad)


Histogram of p_x after data cleaning
entries
12000
10000
8000
6000
4000
2000
0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
p_x (GeV/c)
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON


Histogram of p_y after data cleaning
entries
12000
10000
8000
6000
4000
2000
0
−2.0
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
p_y (GeV/c)
ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

Histogram of p_z after data cleaning

entries

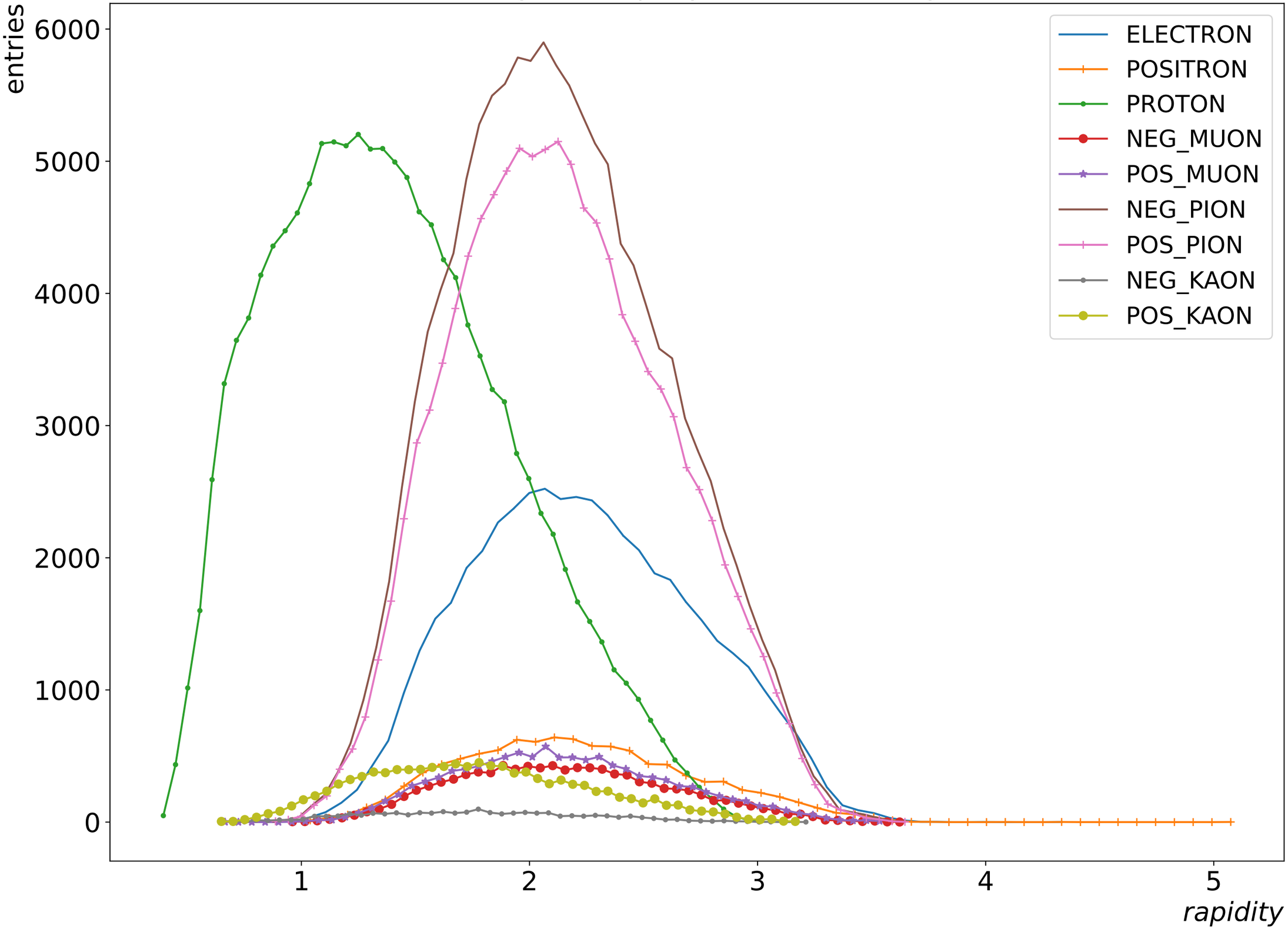
14000
12000
10000
8000
6000
4000
2000
0

0
2
4
6
8
10
12

p_z (GeV/c)

ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

Histogram of *rapidity* after data cleaning



Histogram of t after data cleaning

entries

50000
40000
30000
20000
10000
0

ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

0
5000
10000
15000
20000
25000
30000
35000
40000

t (ps)

Histogram of pid after data cleaning

entries

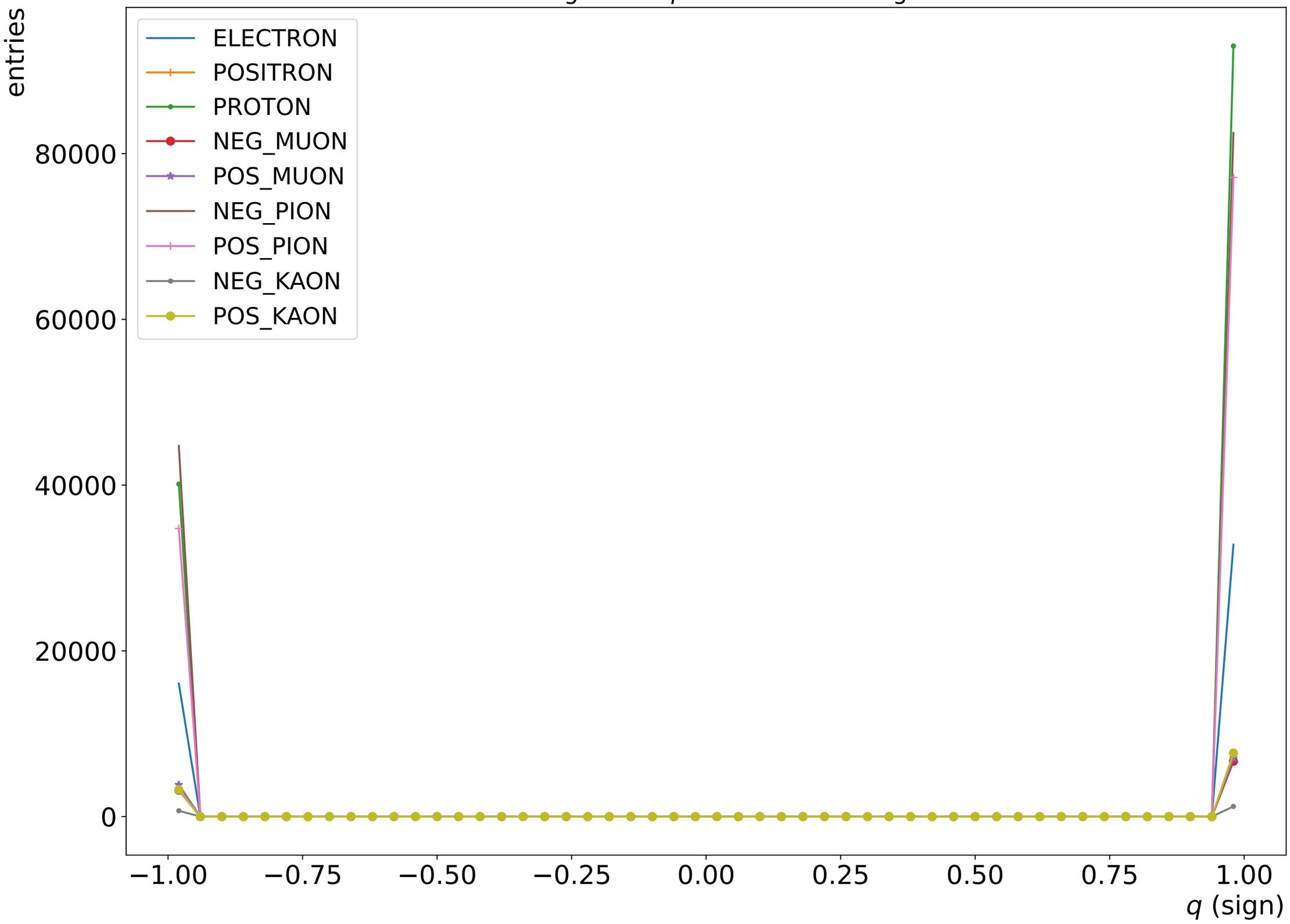
120000
100000
80000
60000
40000
20000
0

0
500
1000
1500
2000

pid

ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON

Histogram of q after data cleaning



Histogram of v after data cleaning

entries

80000

60000

40000

20000

0

0

10

20

30

40

50

v (mm/ps)

ELECTRON
POSITRON
PROTON
NEG_MUON
POS_MUON
NEG_PION
POS_PION
NEG_KAON
POS_KAON