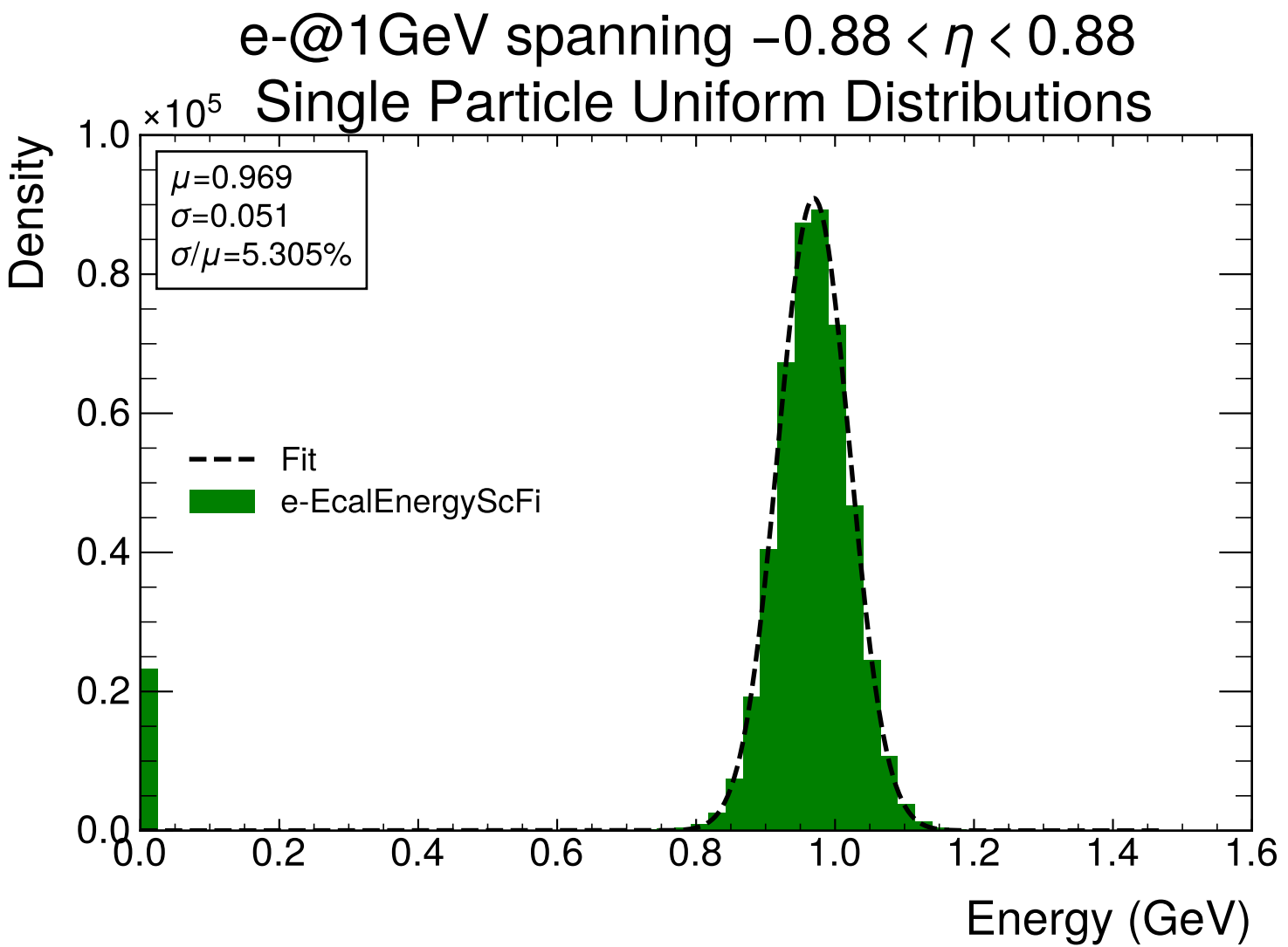
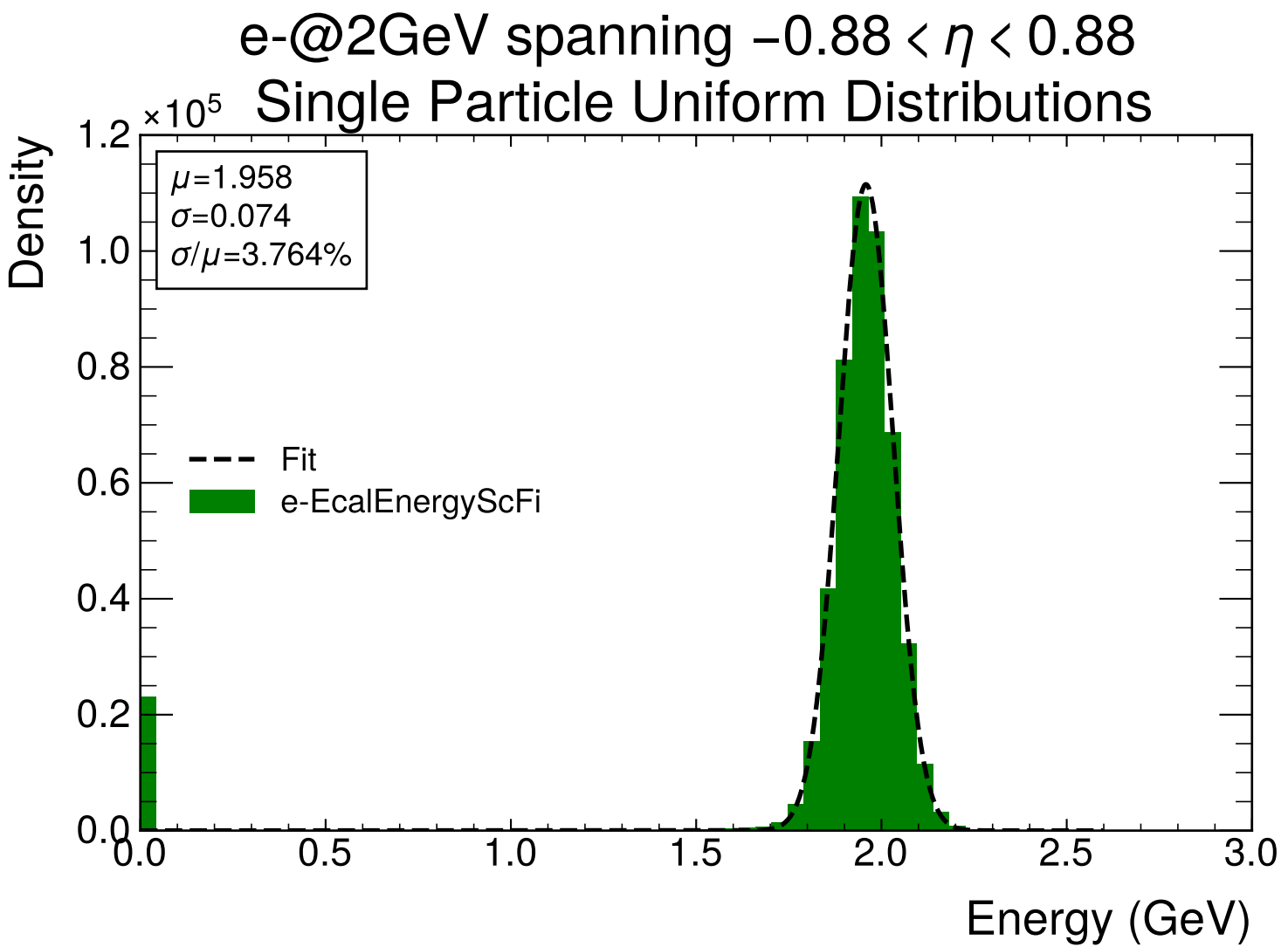
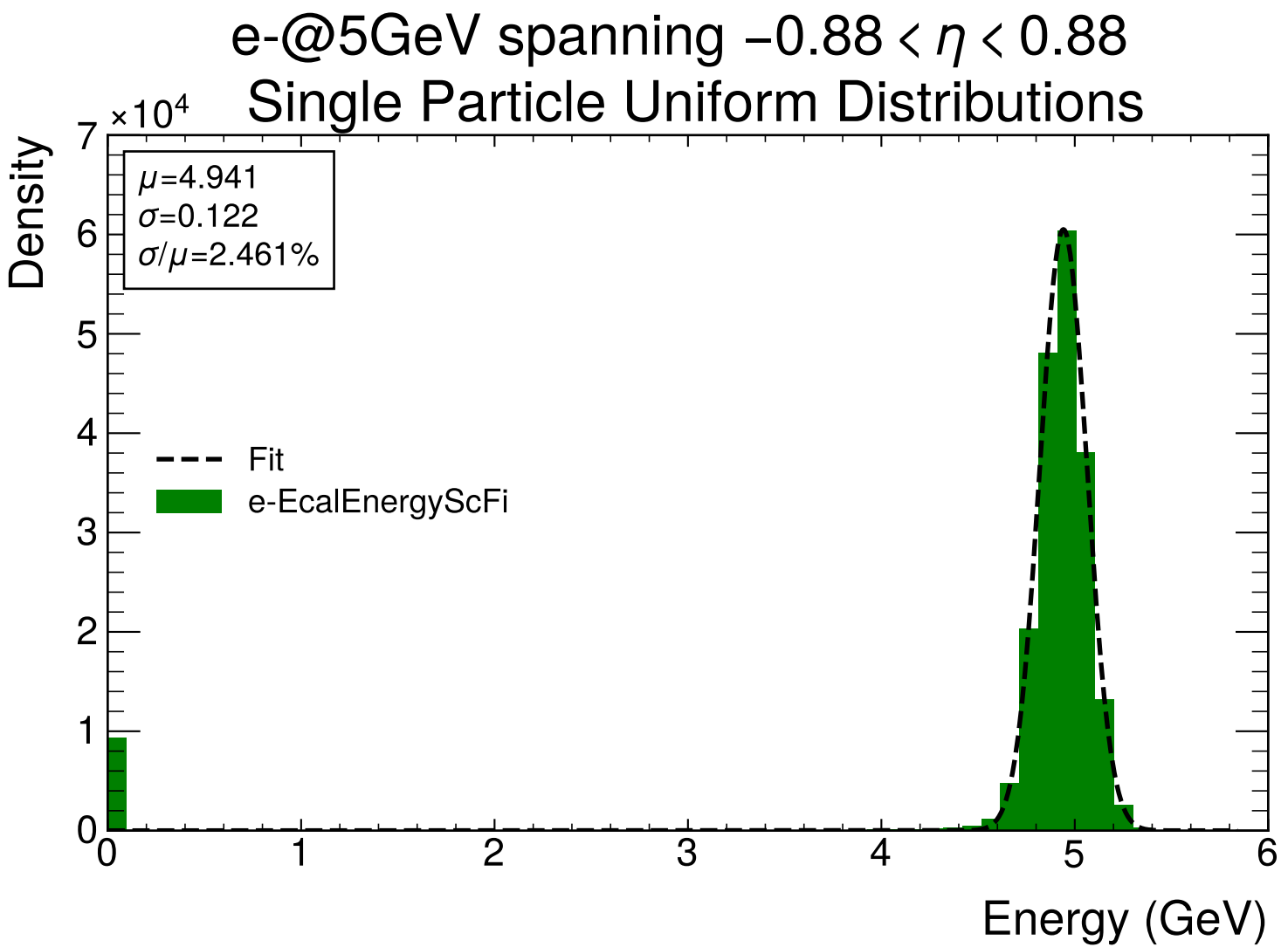
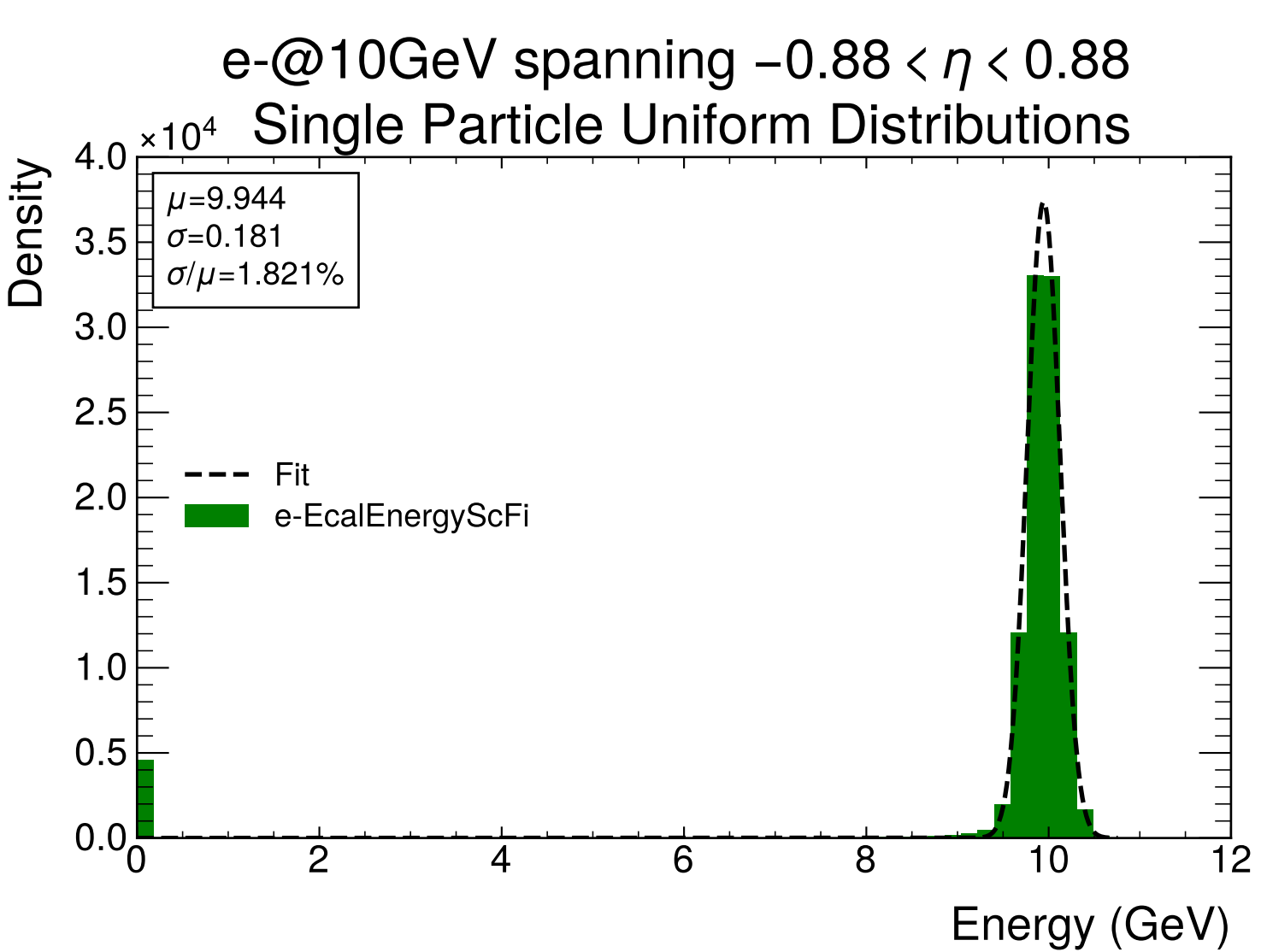
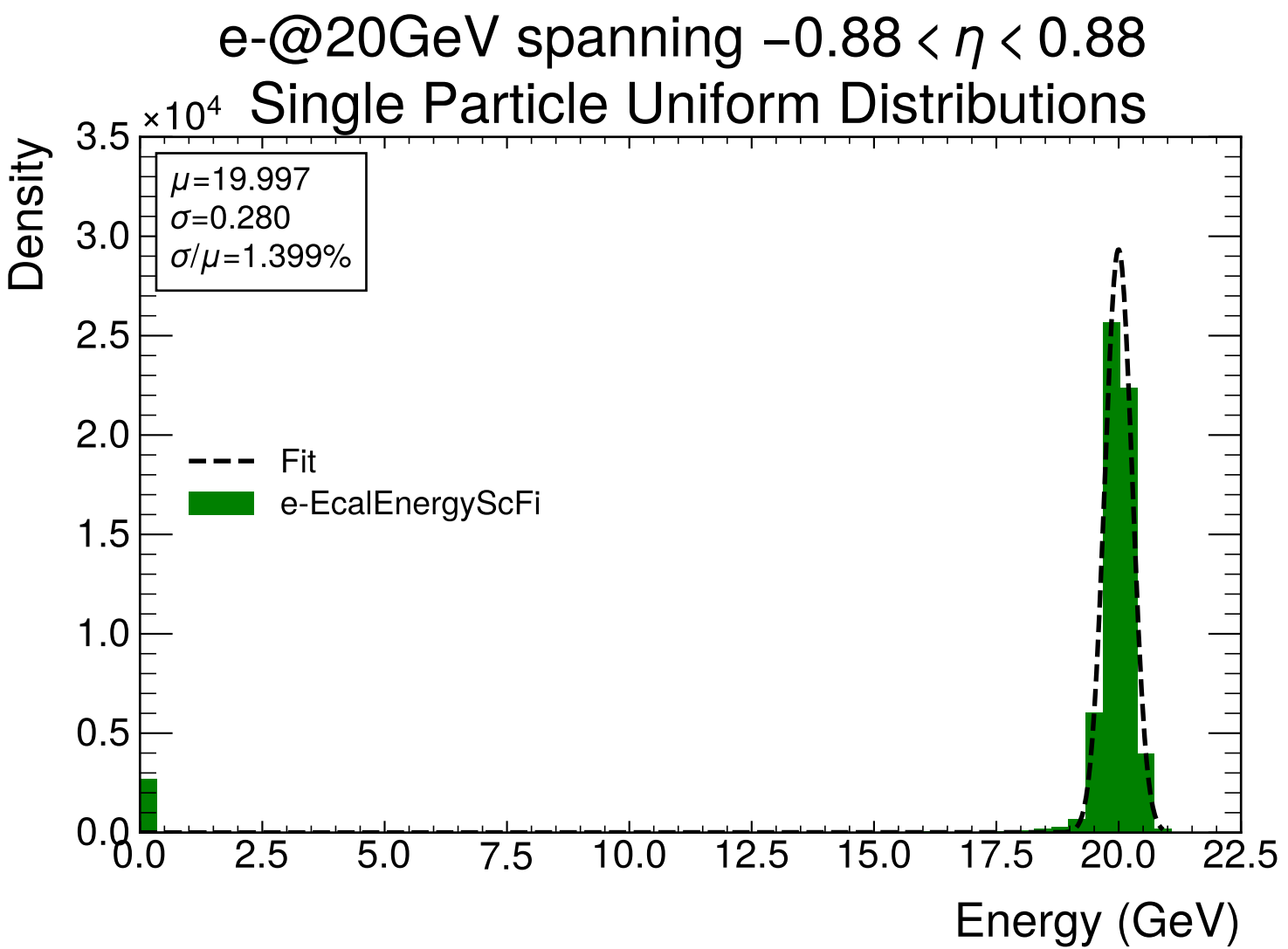
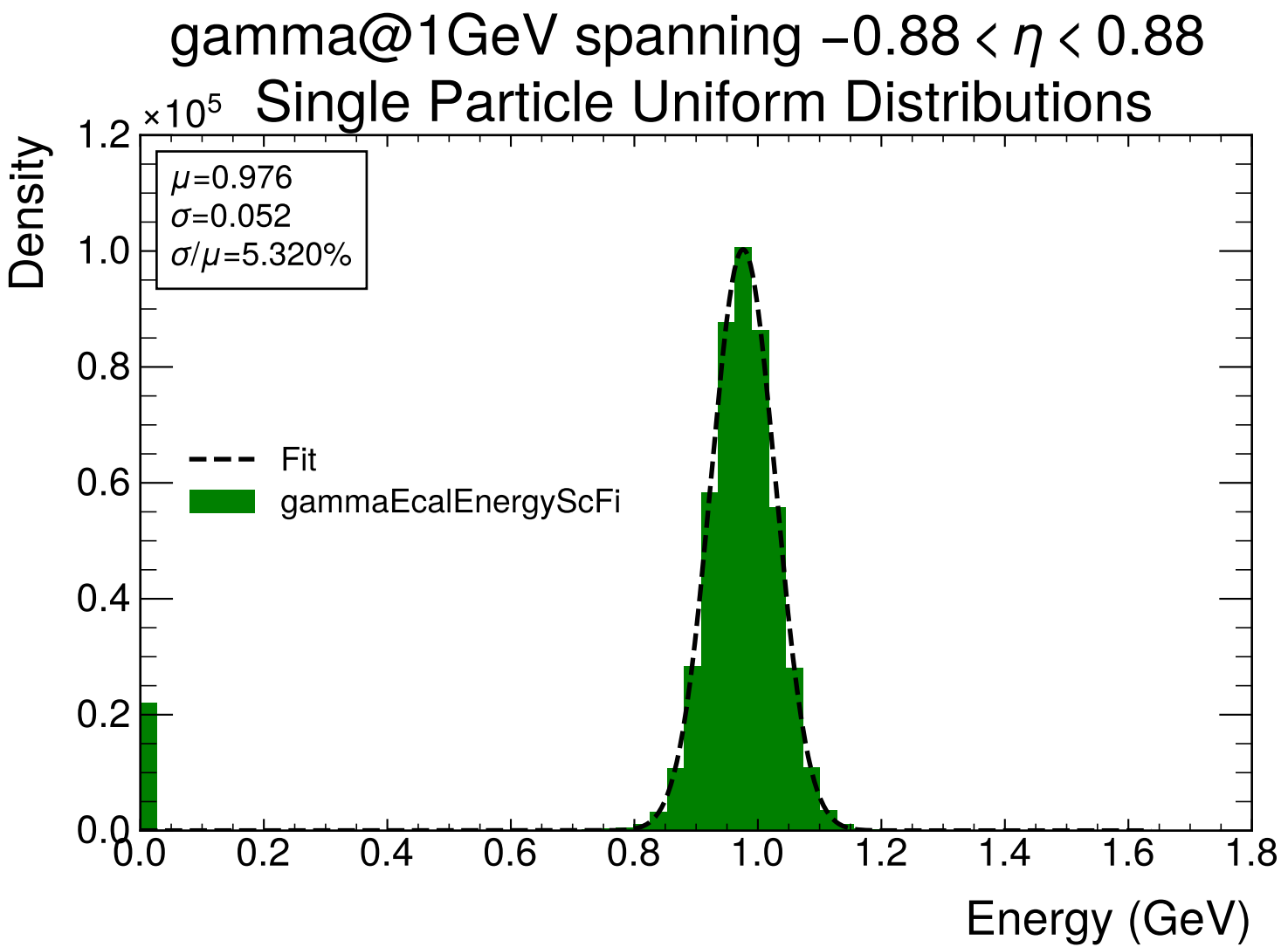

e-@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=0.969
σ=0.051
σ/μ=5.305%
Fit
e-EcalEnergyScFi
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Energy (GeV)

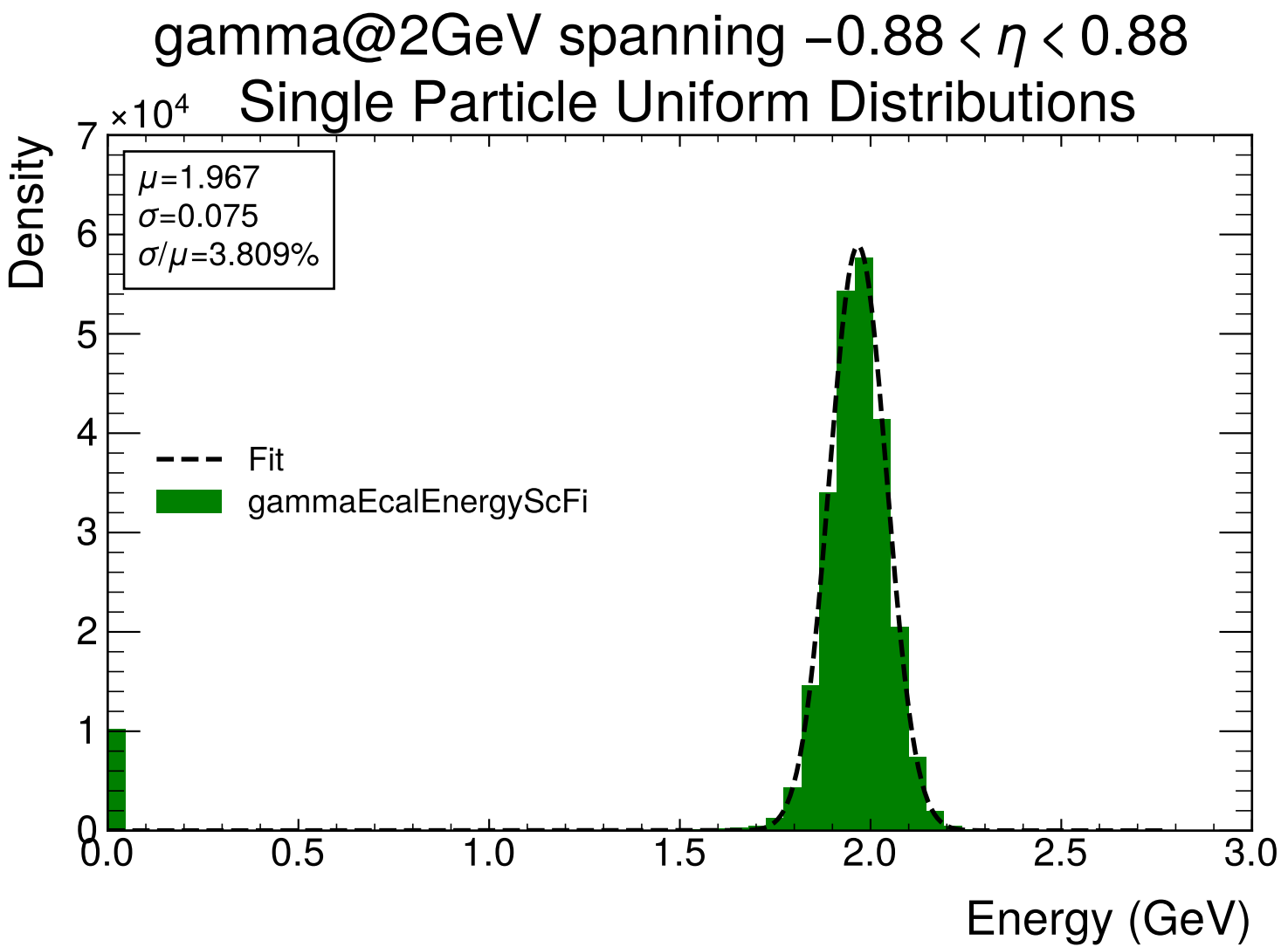

e-@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=1.958
σ=0.074
σ/μ=3.764%
Fit
e-EcalEnergyScFi
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Energy (GeV)

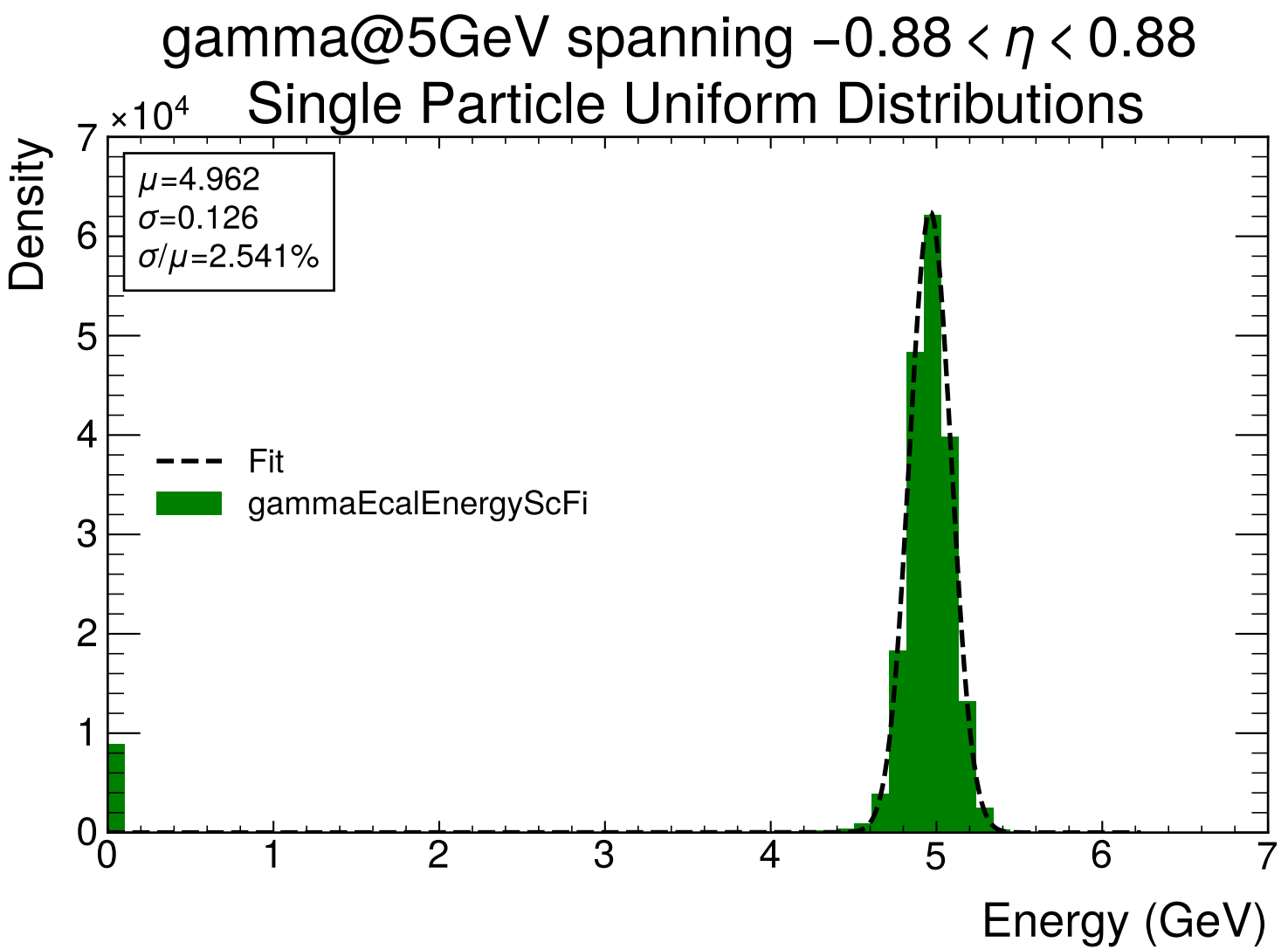

e-@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=4.941
σ=0.122
σ/μ=2.461%
Fit
e-EcalEnergyScFi
Energy (GeV)
0
1
2
3
4
5
6
7

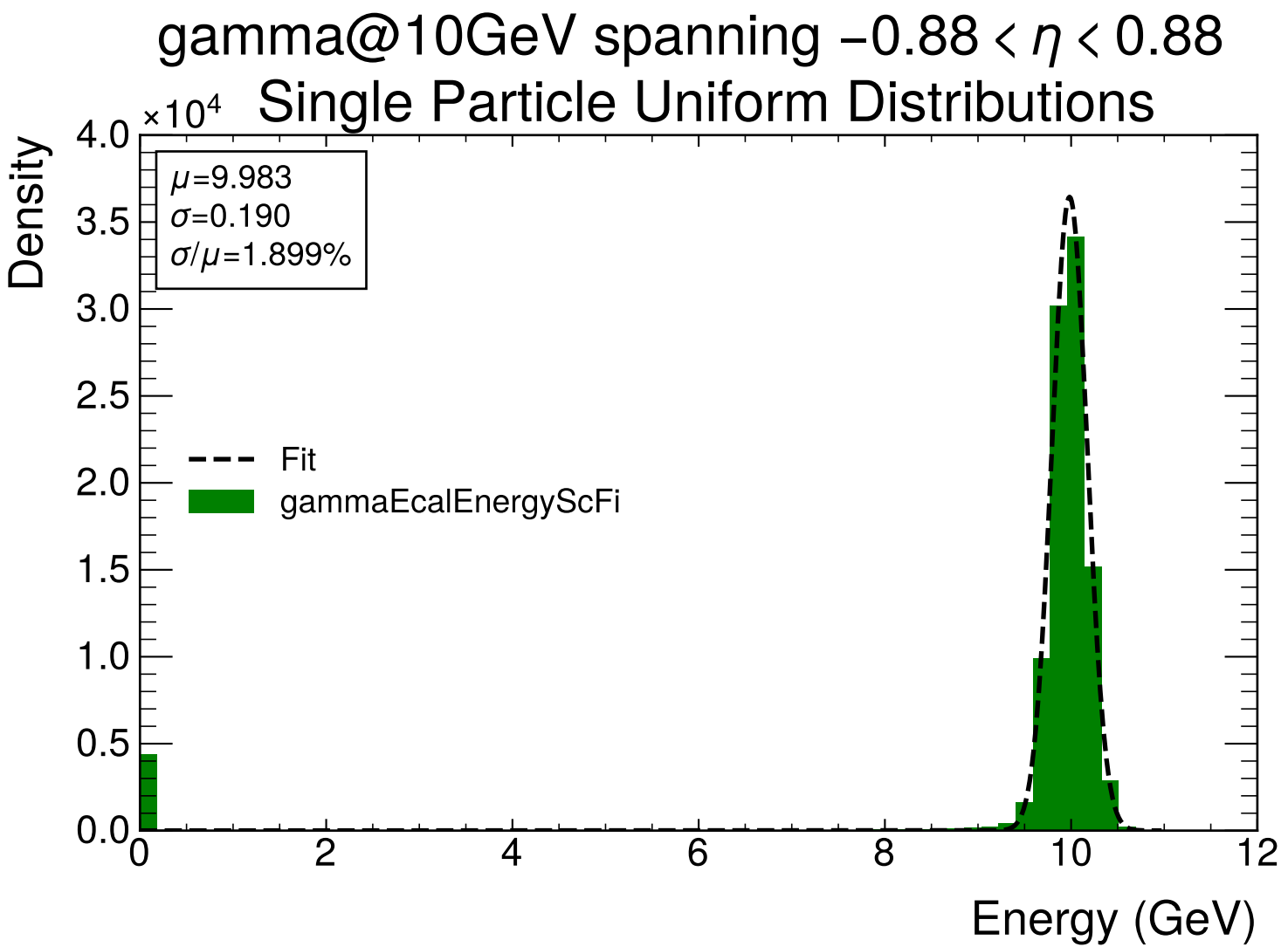

e-@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=9.944
σ=0.181
σ/μ=1.821%
Fit
e-EcalEnergyScFi
Energy (GeV)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
0
2
4
6
8
10
12

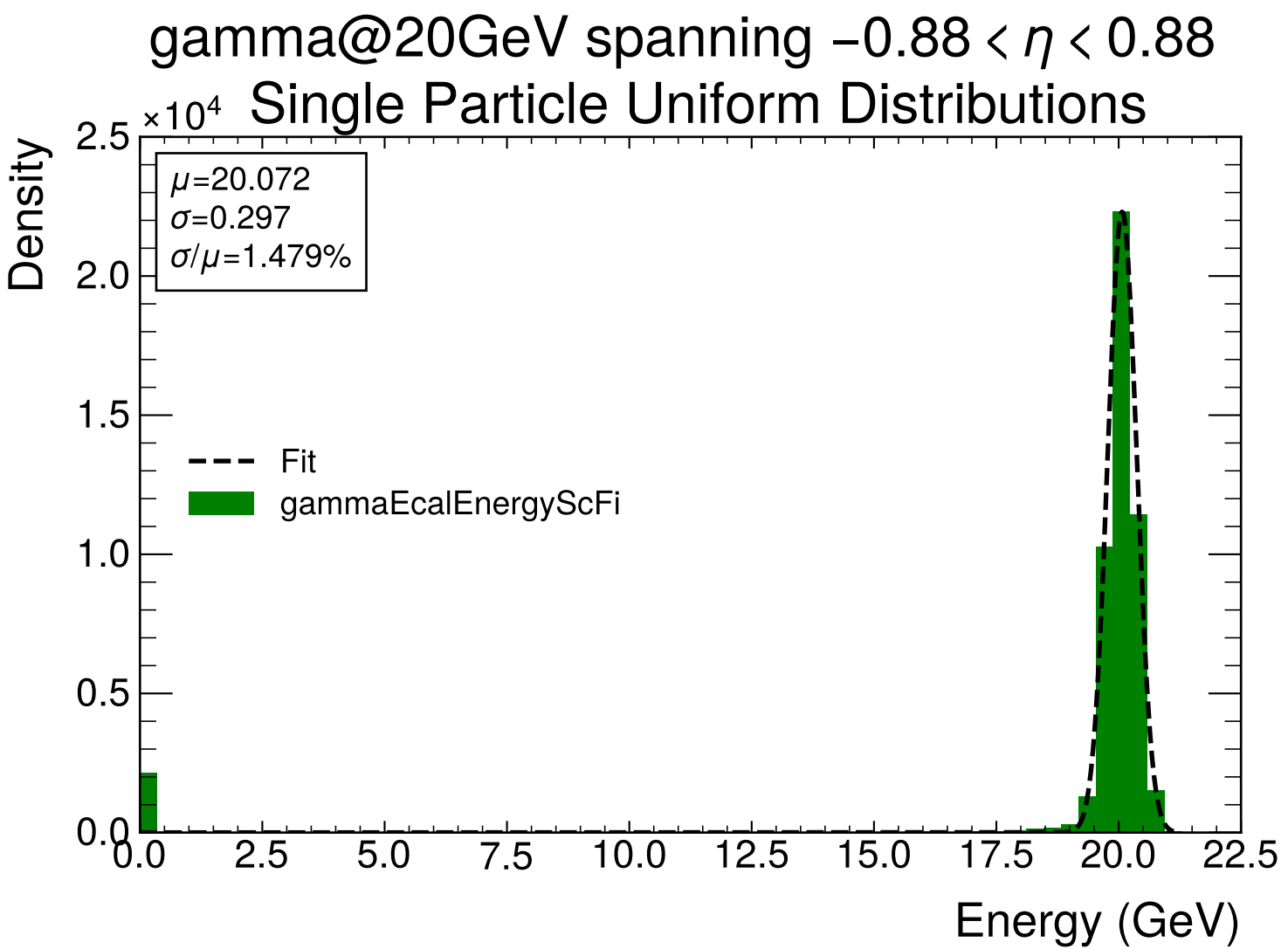

e-@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=19.997
σ=0.280
σ/μ=1.399%
Fit
e-EcalEnergyScFi
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
Energy (GeV)

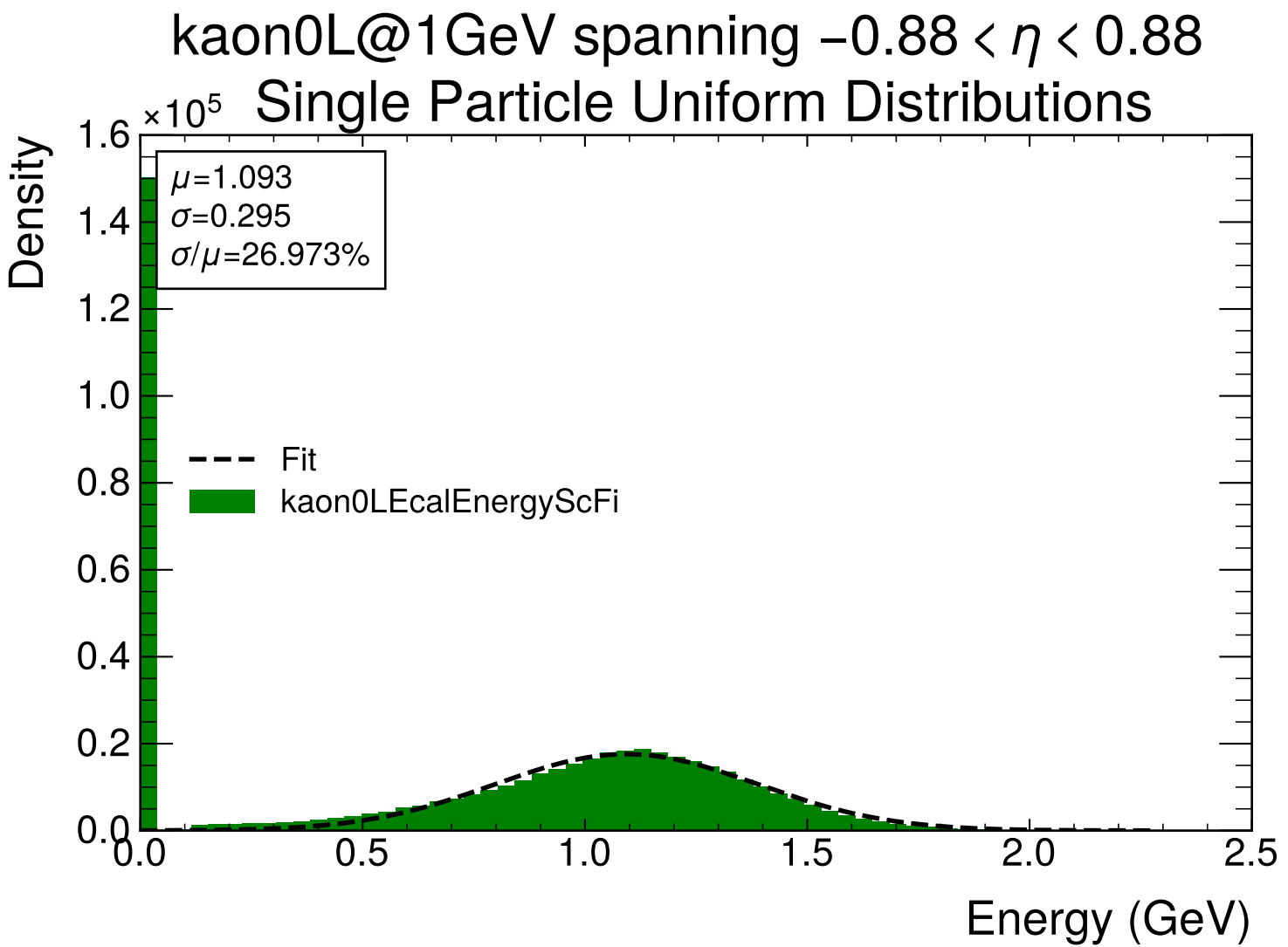

gamma@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=0.976
σ=0.052
σ/μ=5.320%
Fit
gammaEcalEnergyScFi
Energy (GeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8

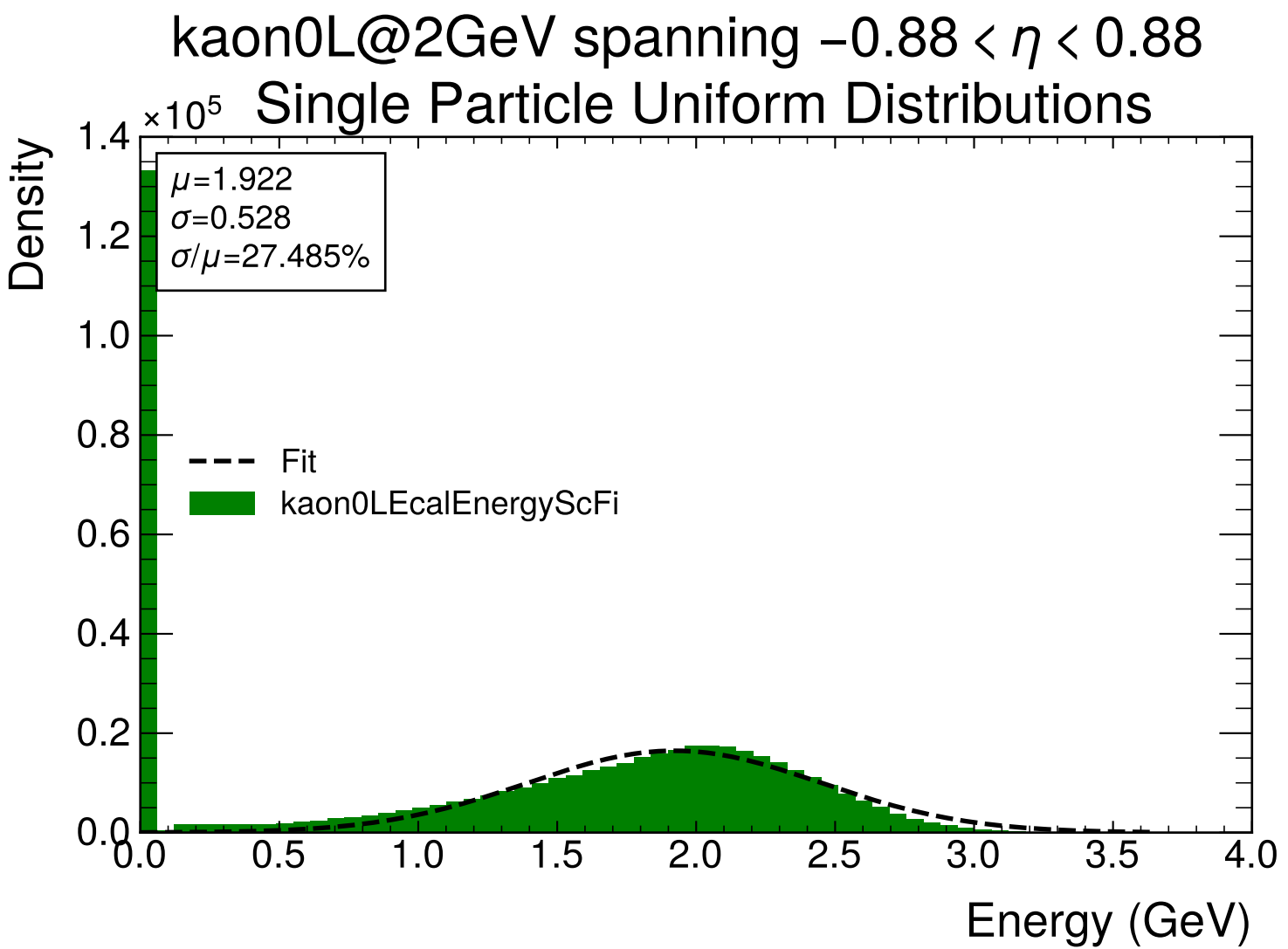

gamma@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=1.967
σ=0.075
σ/μ=3.809%
Fit
gammaEcalEnergyScFi
0
1
2
3
4
5
6
7
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Energy (GeV)

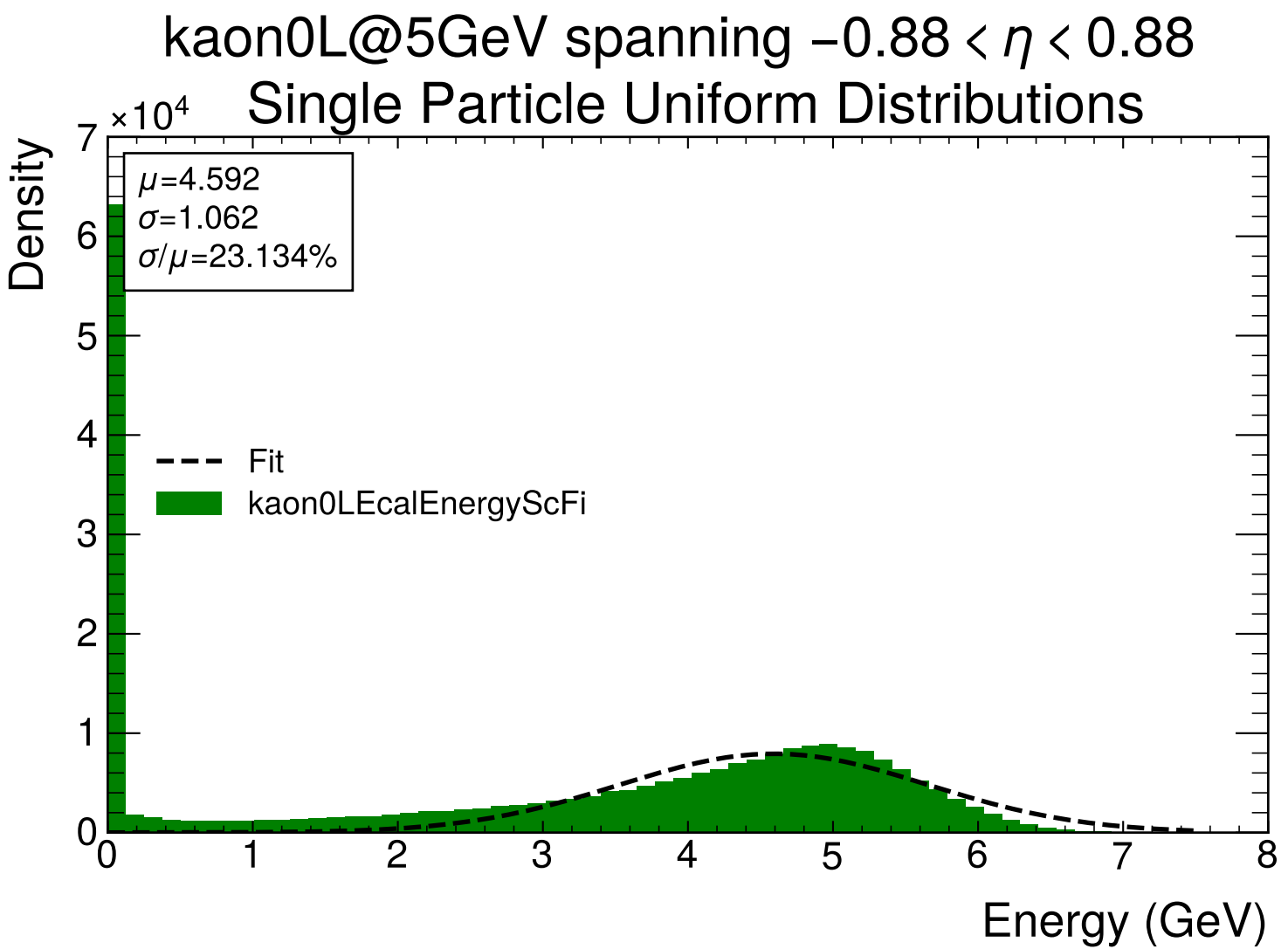

gamma@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=4.962
σ=0.126
σ/μ=2.541%
Fit
gammaEcalEnergyScFi
Energy (GeV)
0
1
2
3
4
5
6
7

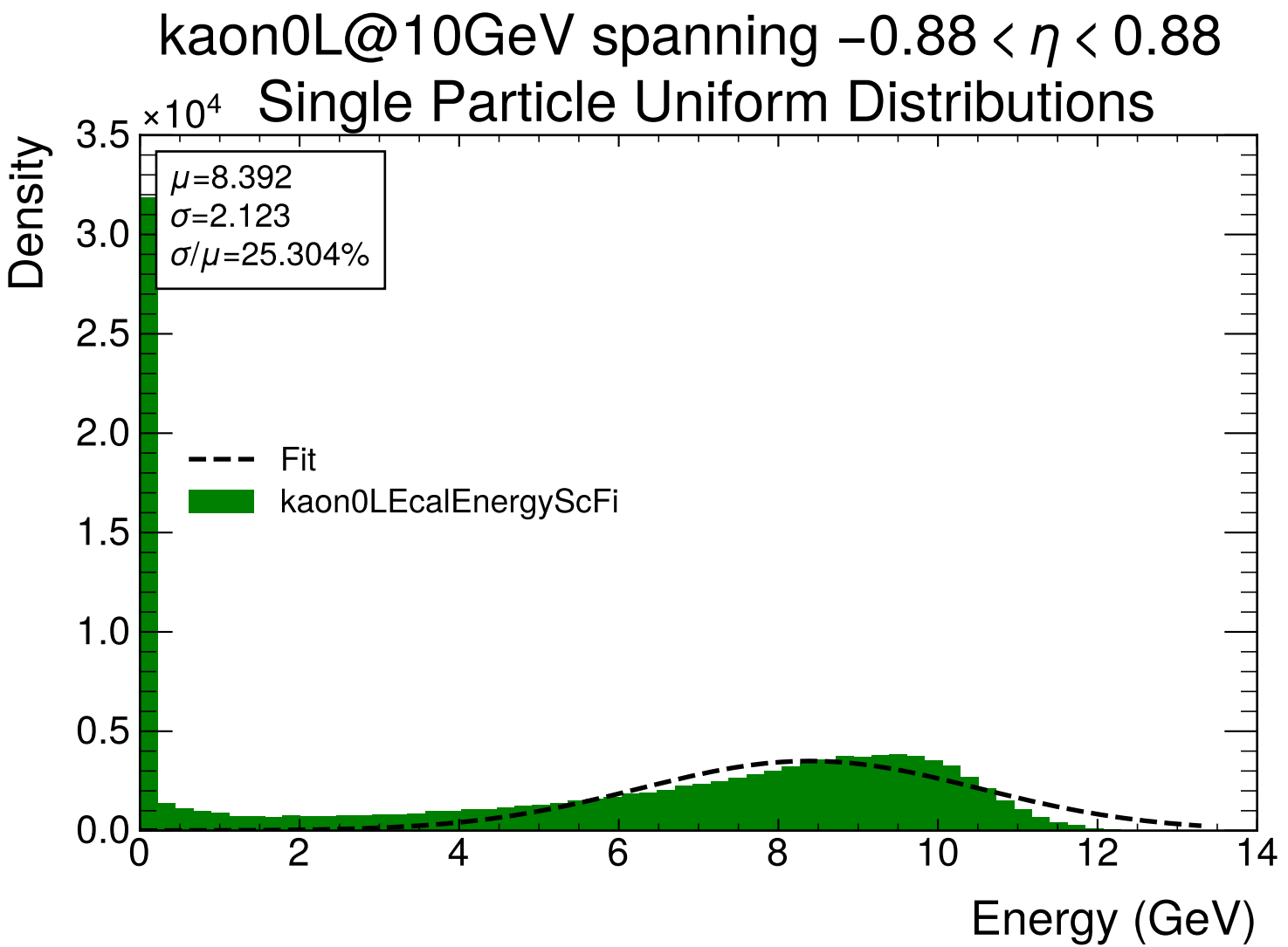

gamma@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=9.983
σ=0.190
σ/μ=1.899%
Fit
gammaEcalEnergyScFi
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
12
Energy (GeV)

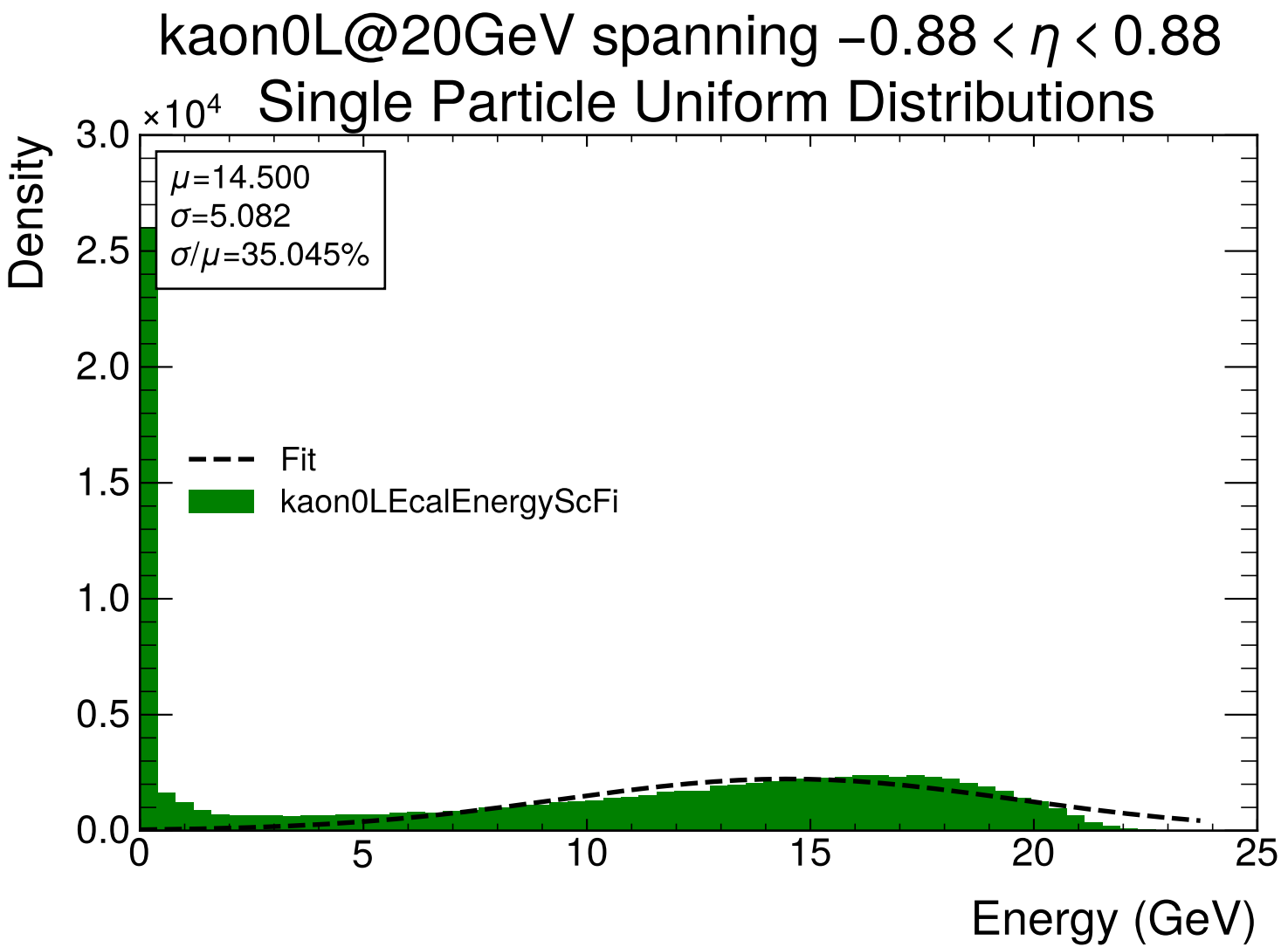

gamma@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=20.072
σ=0.297
σ/μ=1.479%
Fit
gammaEcalEnergyScFi
2.5
2.0
1.5
1.0
0.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
Energy (GeV)

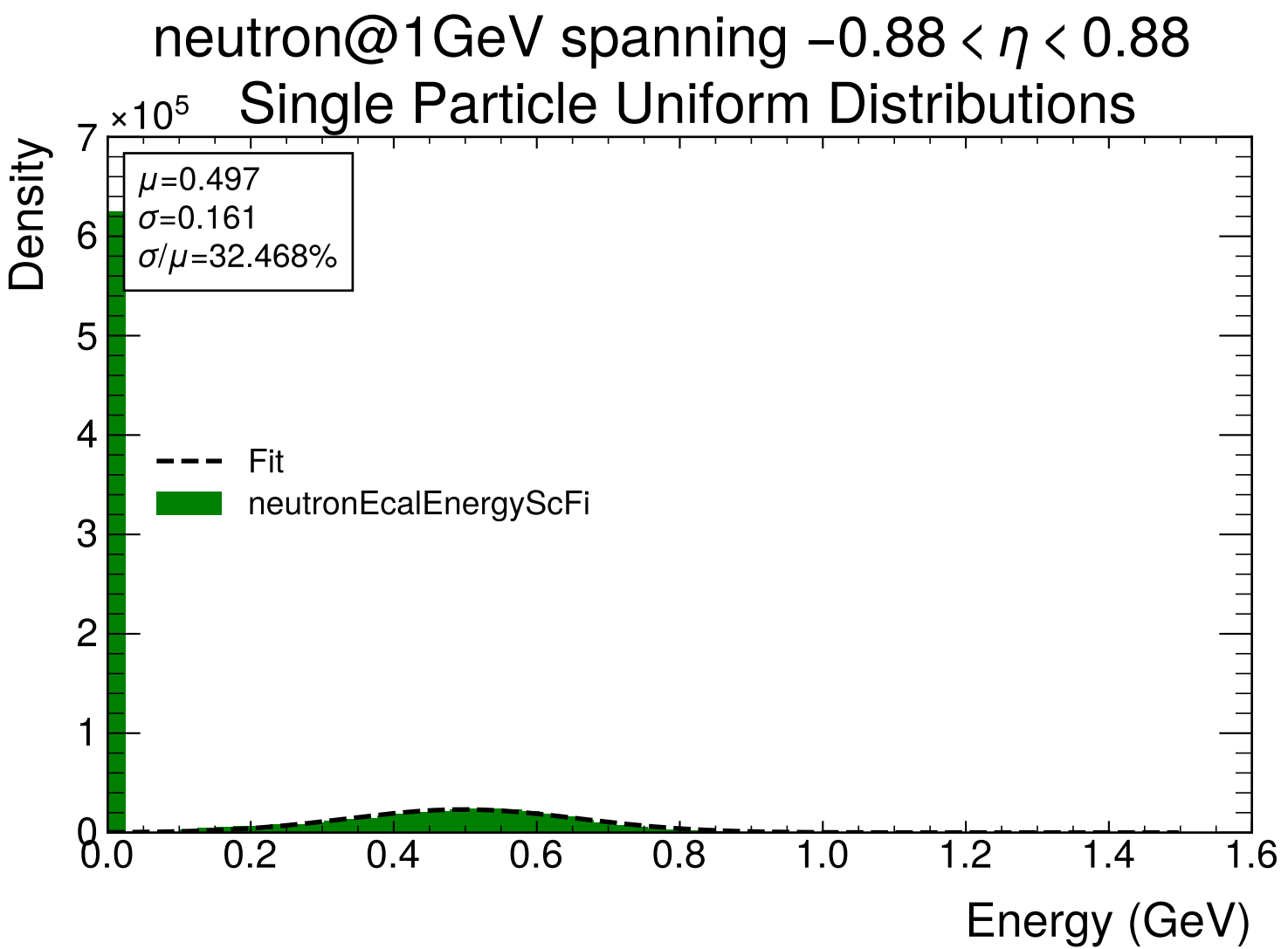

kaon0L@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=1.093
σ=0.295
σ/μ=26.973%
Fit
kaon0LEcalEnergyScFi
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
Energy (GeV)

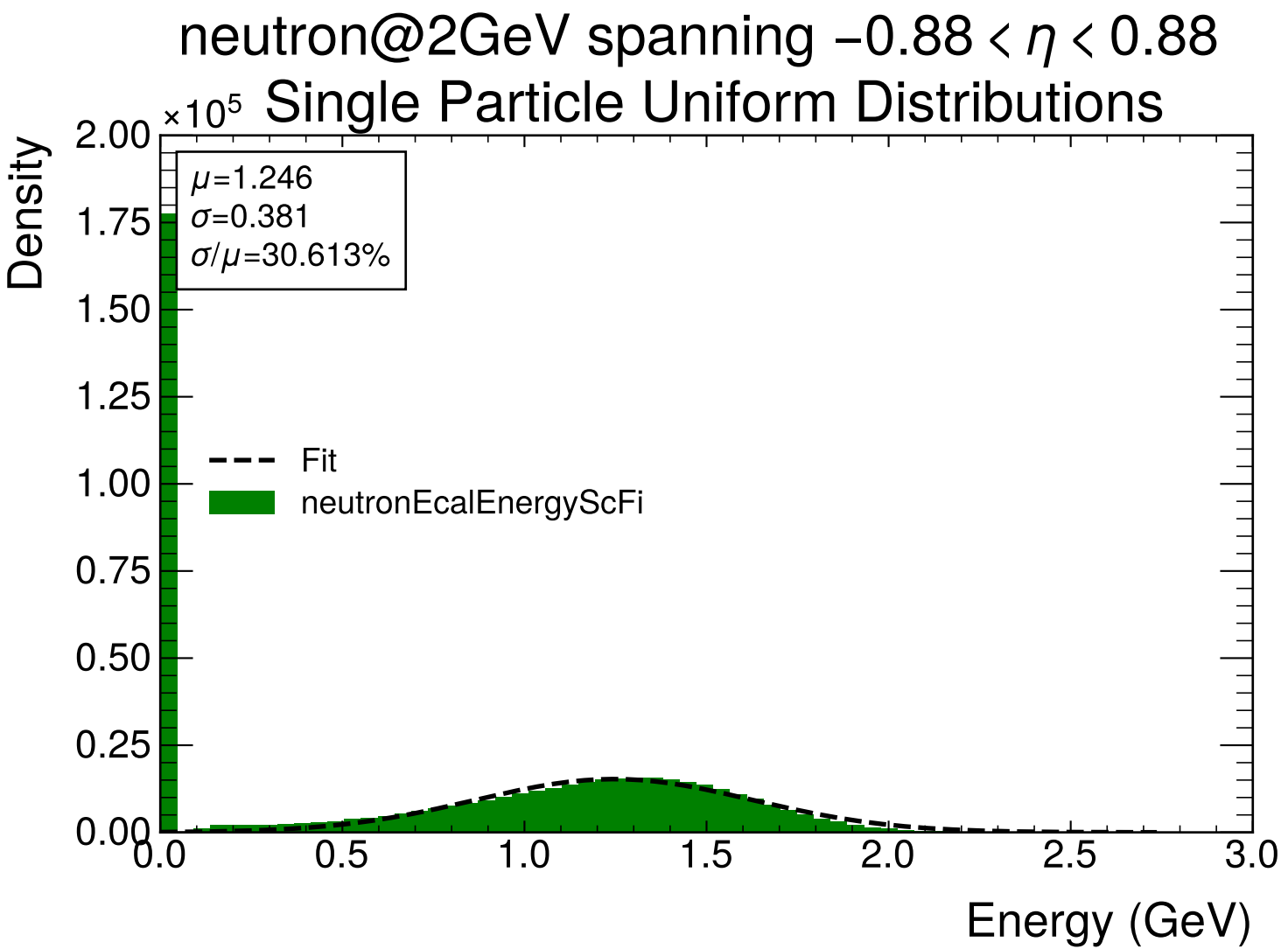

kaon0L@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=1.922
σ=0.528
σ/μ=27.485%
Fit
kaon0LEcalEnergyScFi
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Energy (GeV)

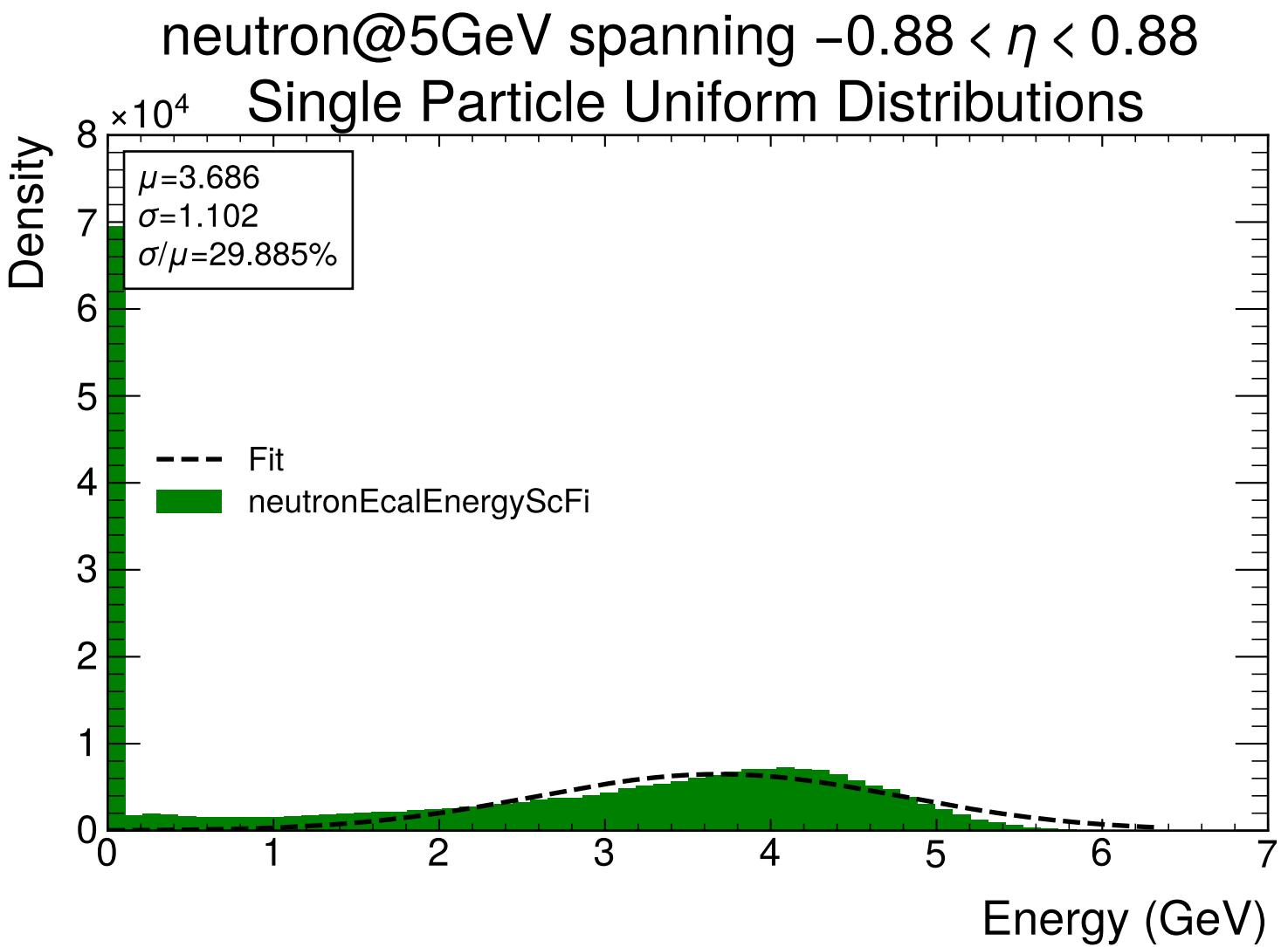

kaon0L@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
Density
×10^4
μ=4.592
σ=1.062
σ/μ=23.134%
Fit
kaon0LEcalEnergyScFi
Energy (GeV)
0
1
2
3
4
5
6
7
8

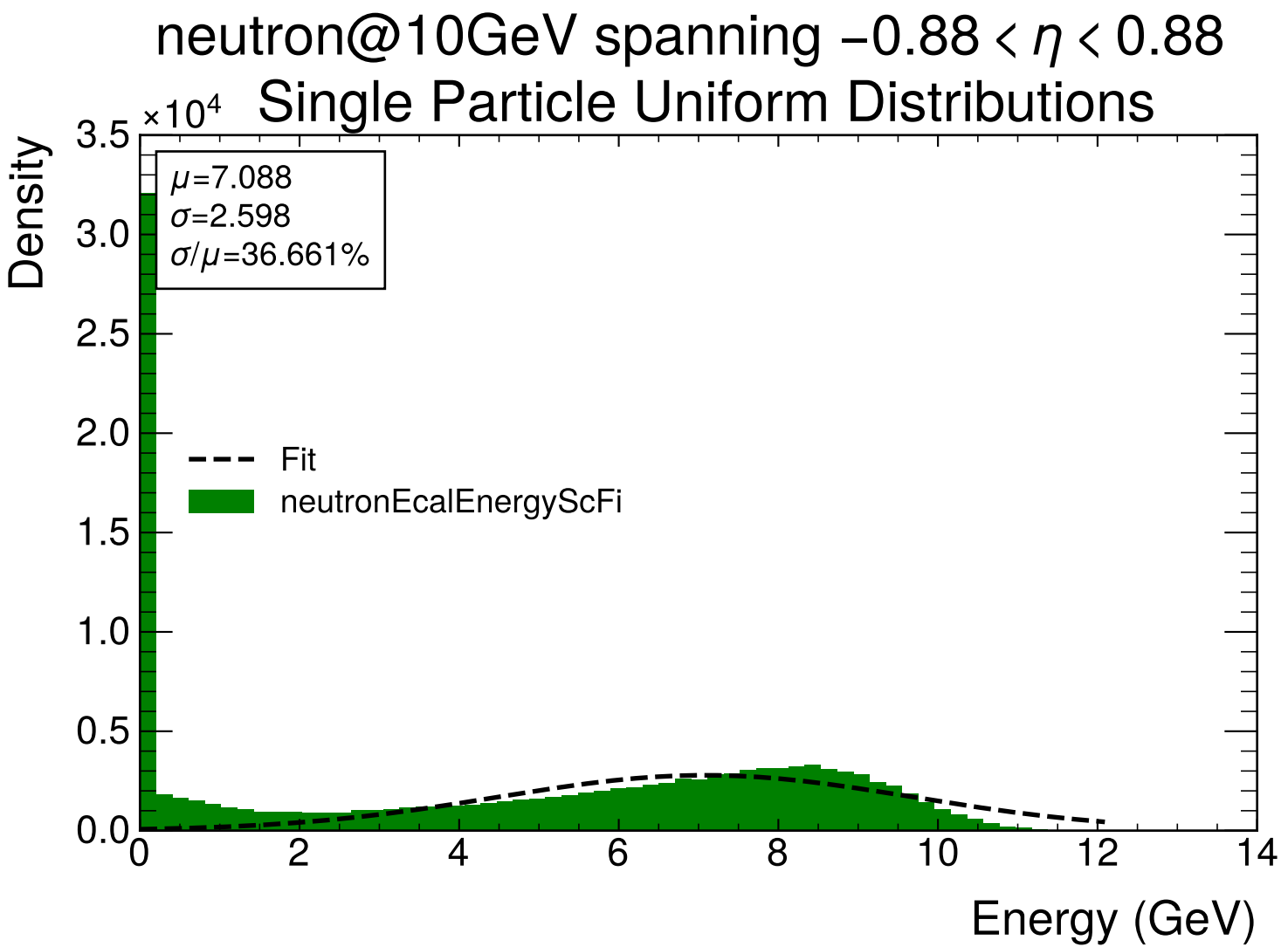

kaon0L@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=8.392
σ=2.123
σ/μ=25.304%
Fit
kaon0LEcalEnergyScFi
Energy (GeV)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
2
4
6
8
10
12
14

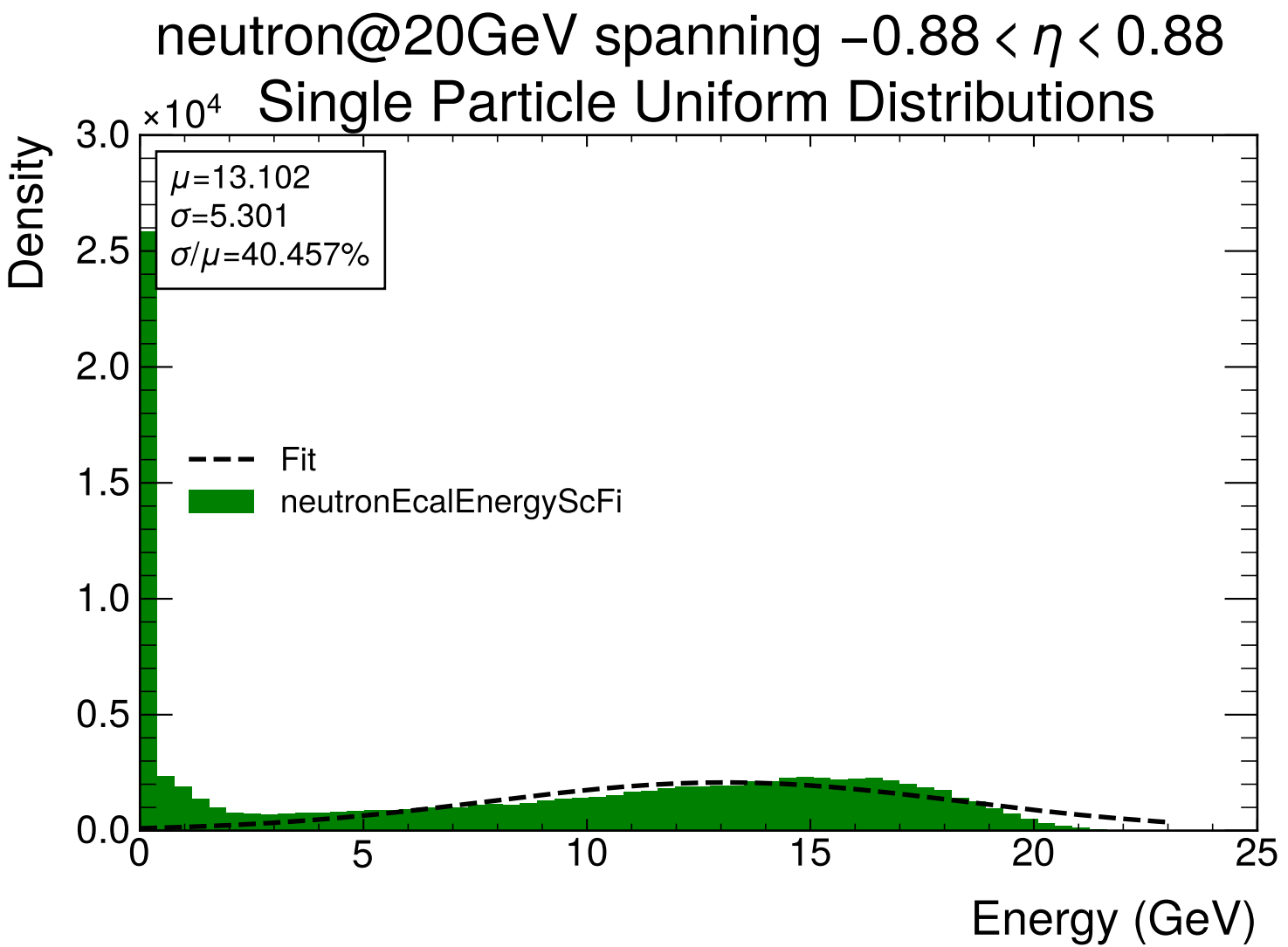

kaon0L@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
3.0
2.5
2.0
1.5
1.0
0.5
0.0
μ=14.500
σ=5.082
σ/μ=35.045%
Fit
kaon0LEcalEnergyScFi
0
5
10
15
20
25
Energy (GeV)

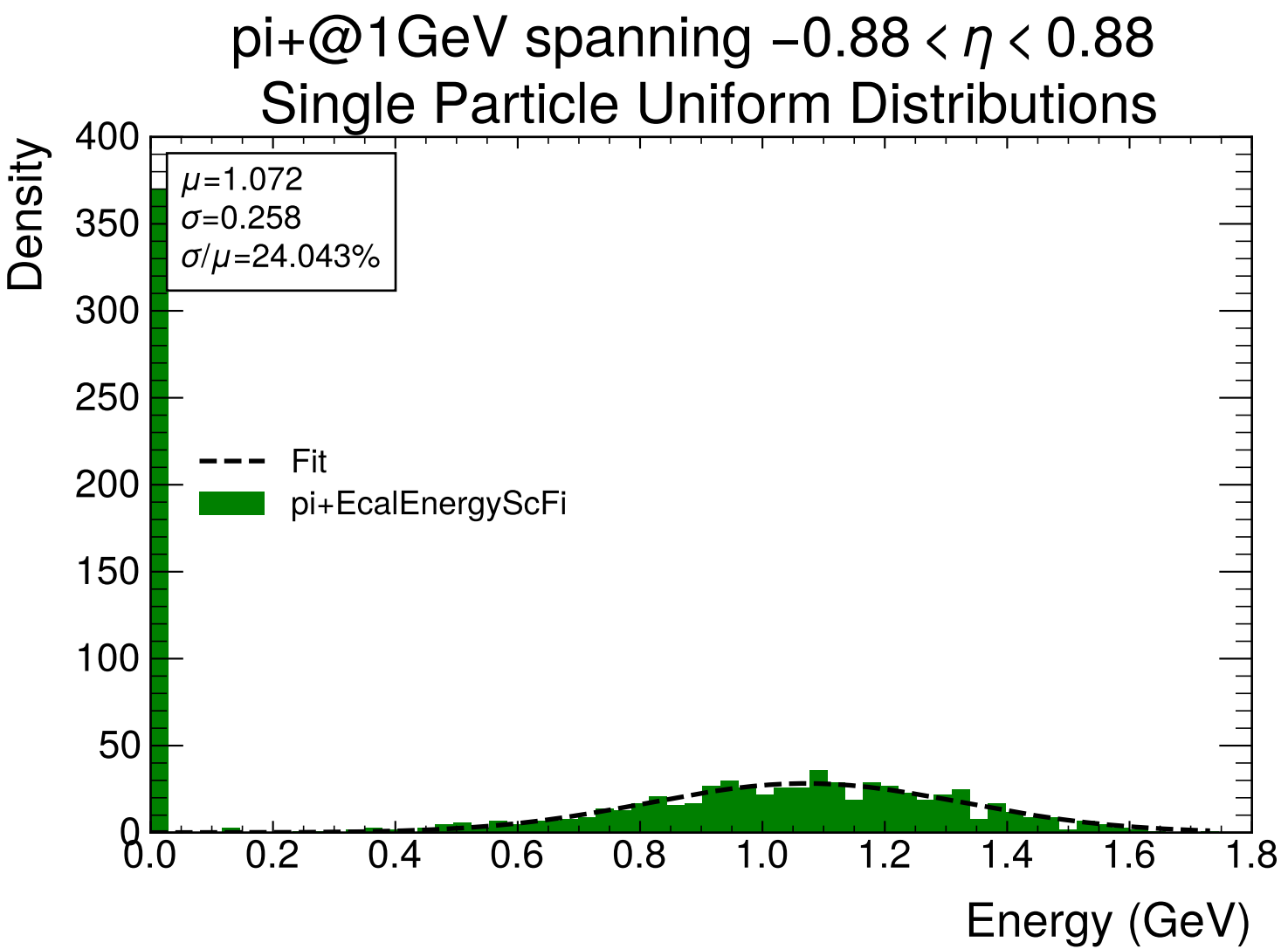

neutron@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=0.497
σ=0.161
σ/μ=32.468%
Fit
neutronEcalEnergyScFi
0
1
2
3
4
5
6
7
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
Energy (GeV)

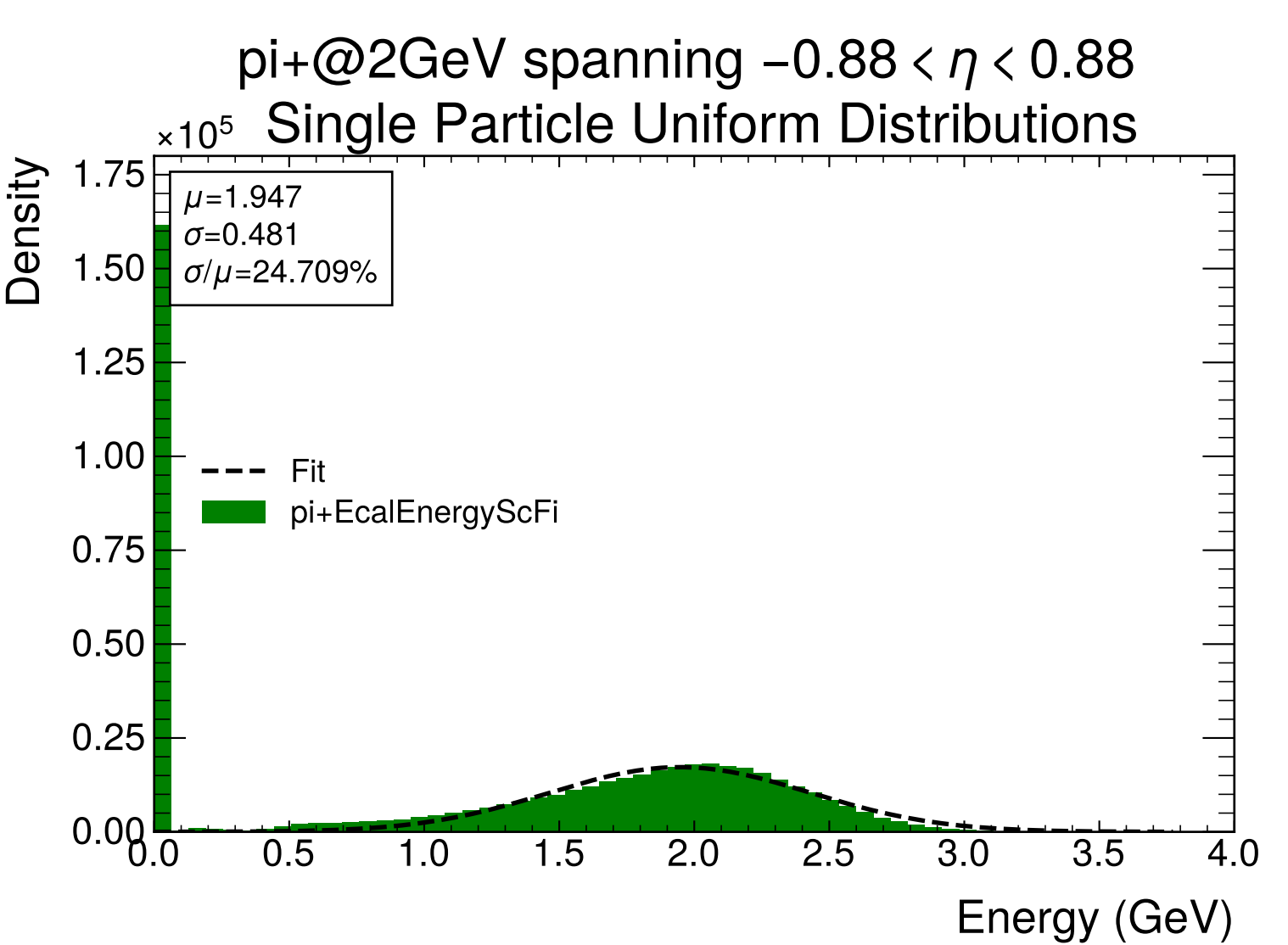

neutron@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
2.00
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
μ=1.246
σ=0.381
σ/μ=30.613%
Fit
neutronEcalEnergyScFi
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Energy (GeV)

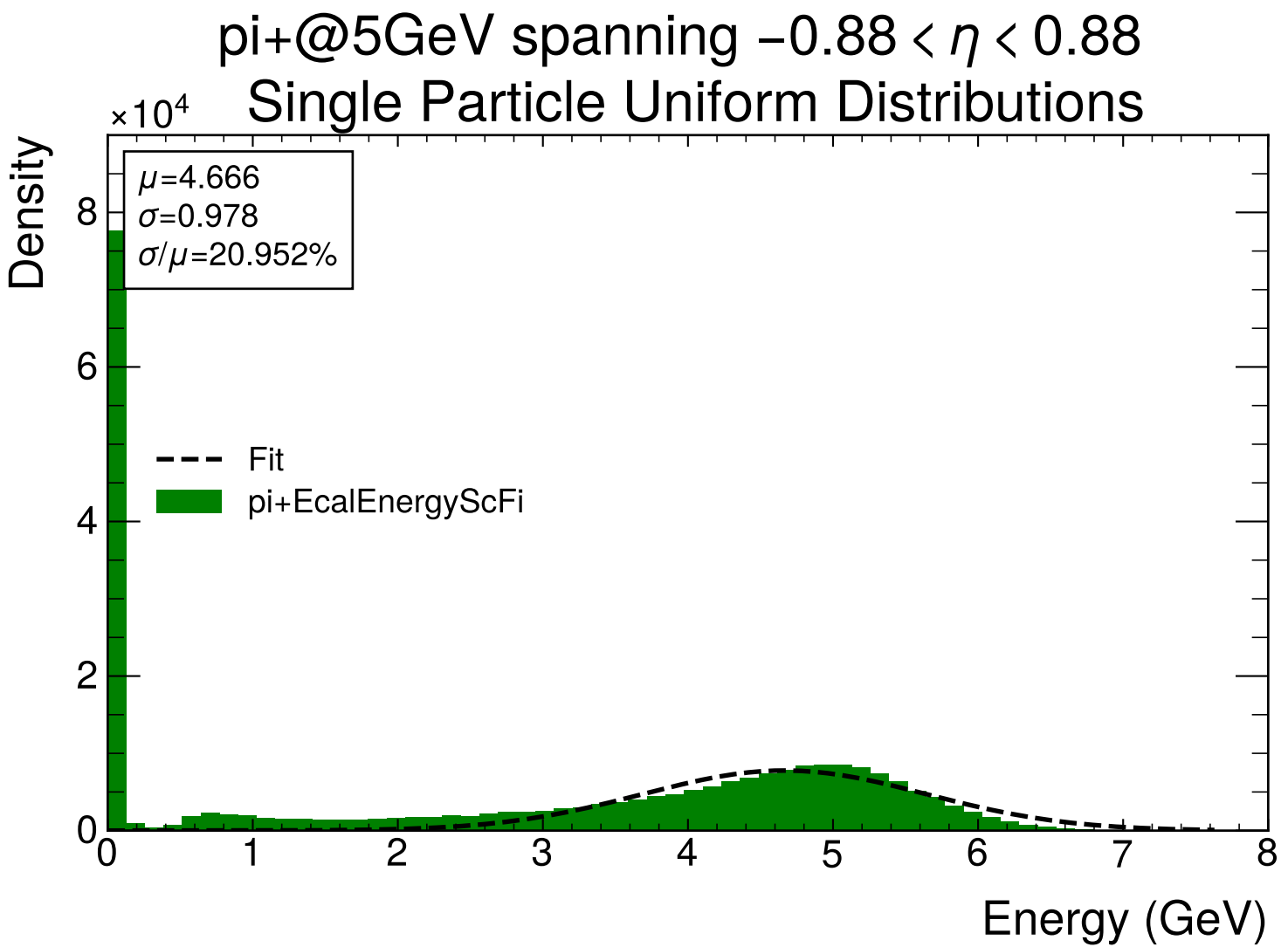

neutron@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=3.686
σ=1.102
σ/μ=29.885%
Fit
neutronEcalEnergyScFi
Energy (GeV)
0
1
2
3
4
5
6
7
8

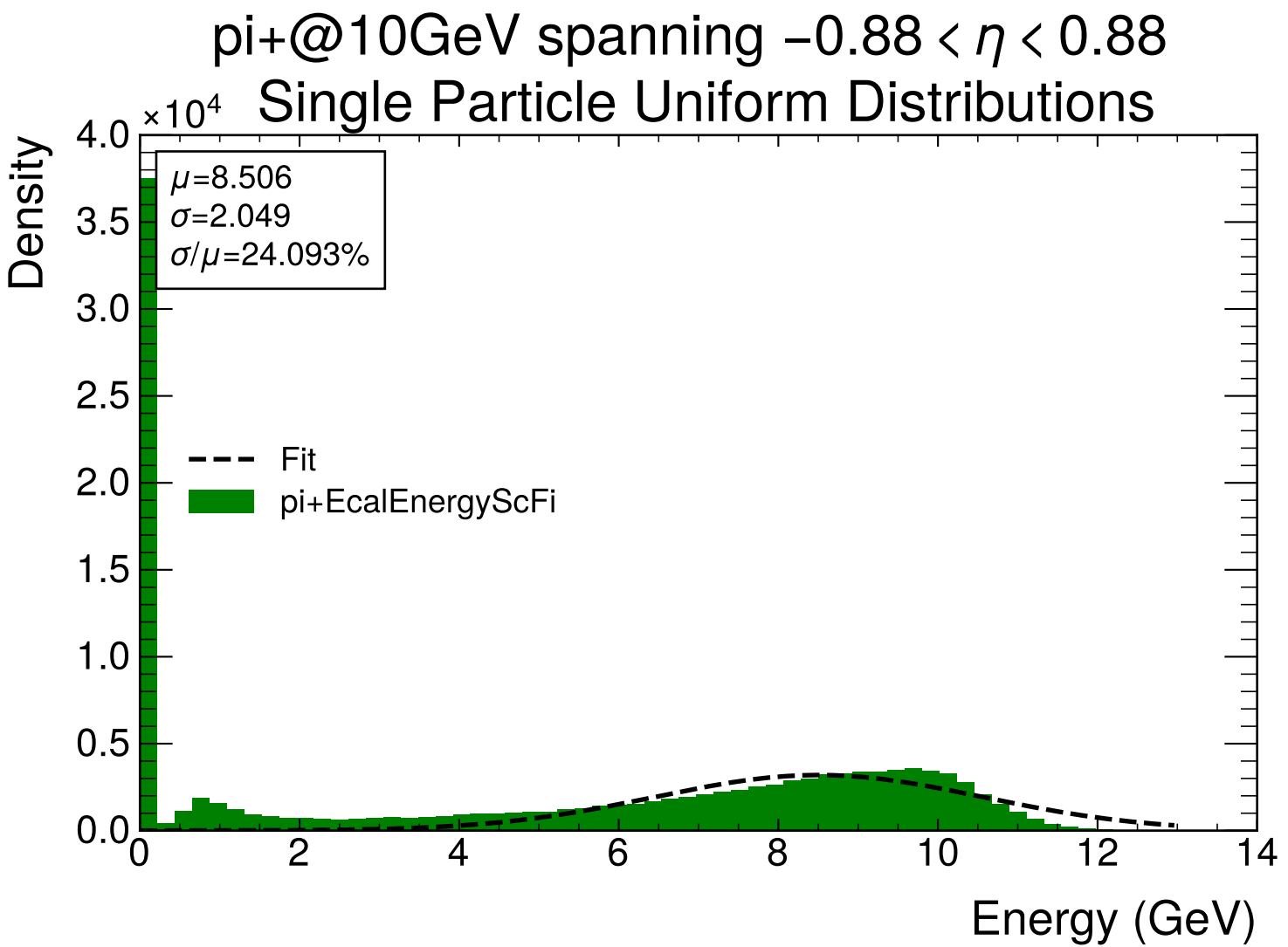

neutron@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=7.088
σ=2.598
σ/μ=36.661%
Fit
neutronEcalEnergyScFi
Energy (GeV)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0
2
4
6
8
10
12
14

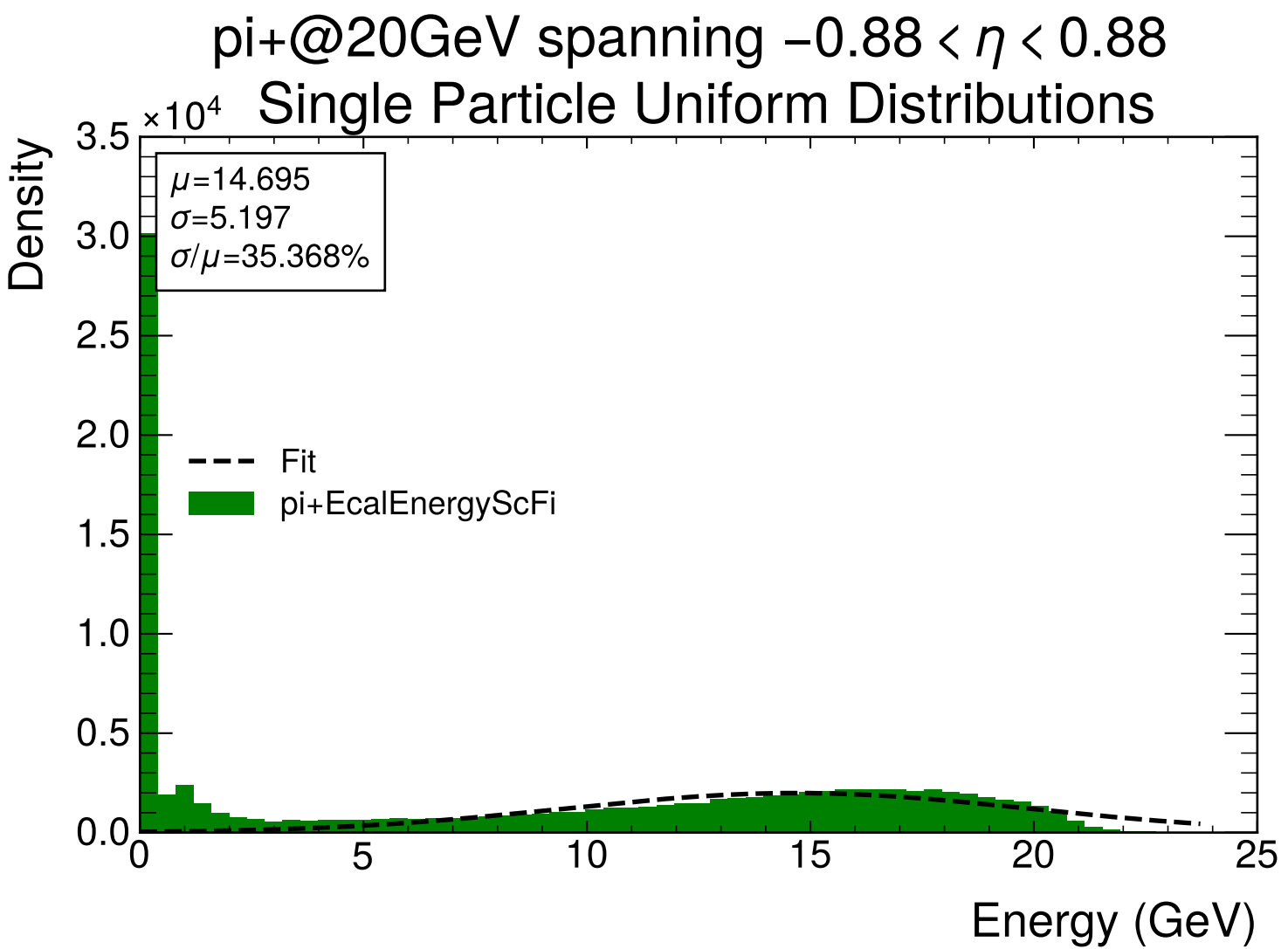

neutron@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=13.102
σ=5.301
σ/μ=40.457%
Fit
neutronEcalEnergyScFi
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
Energy (GeV)

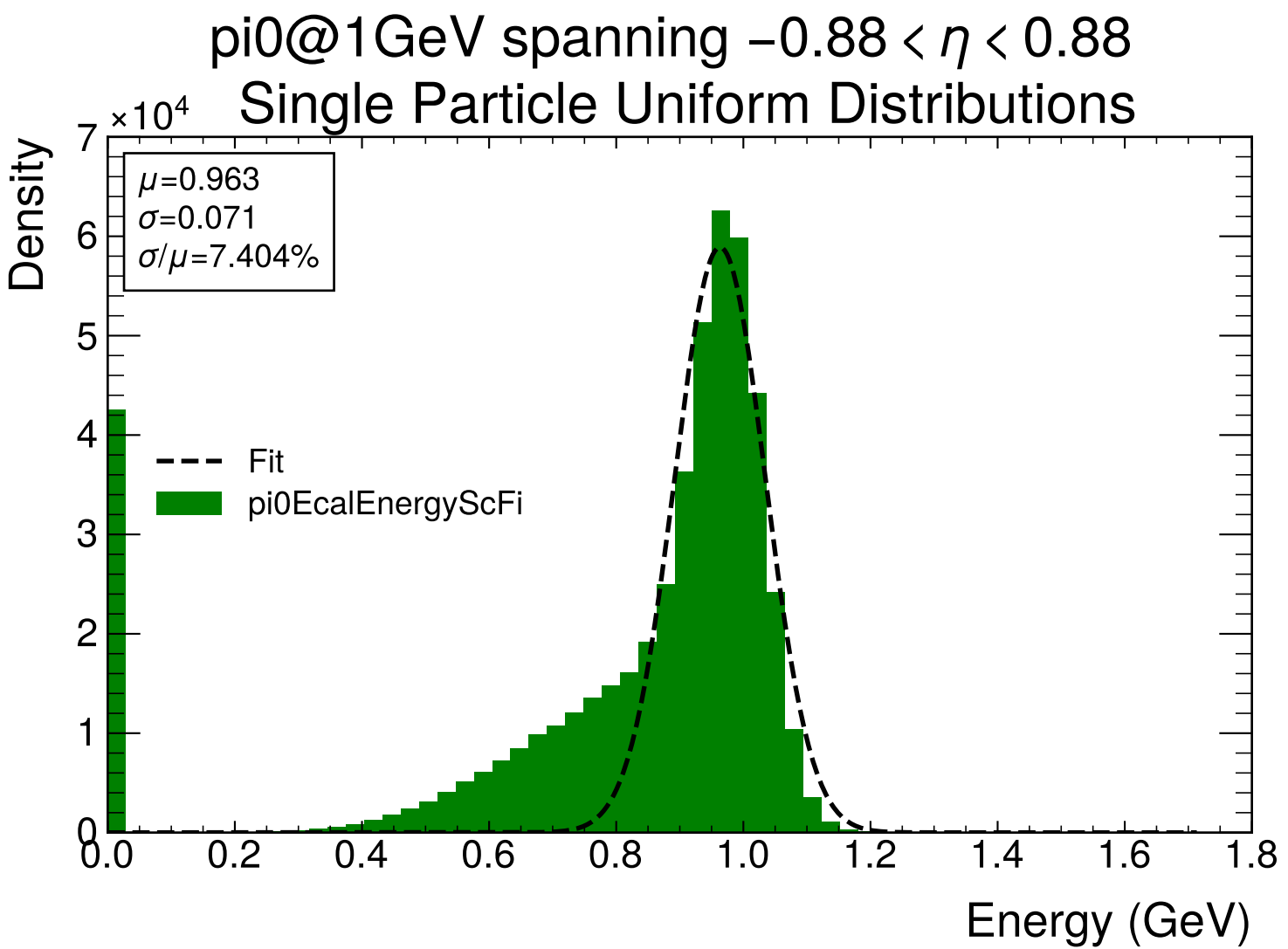

pi+@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
Density
μ=1.072
σ=0.258
σ/μ=24.043%
Fit
pi+EcalEnergyScFi
400
350
300
250
200
150
100
50
0
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
Energy (GeV)

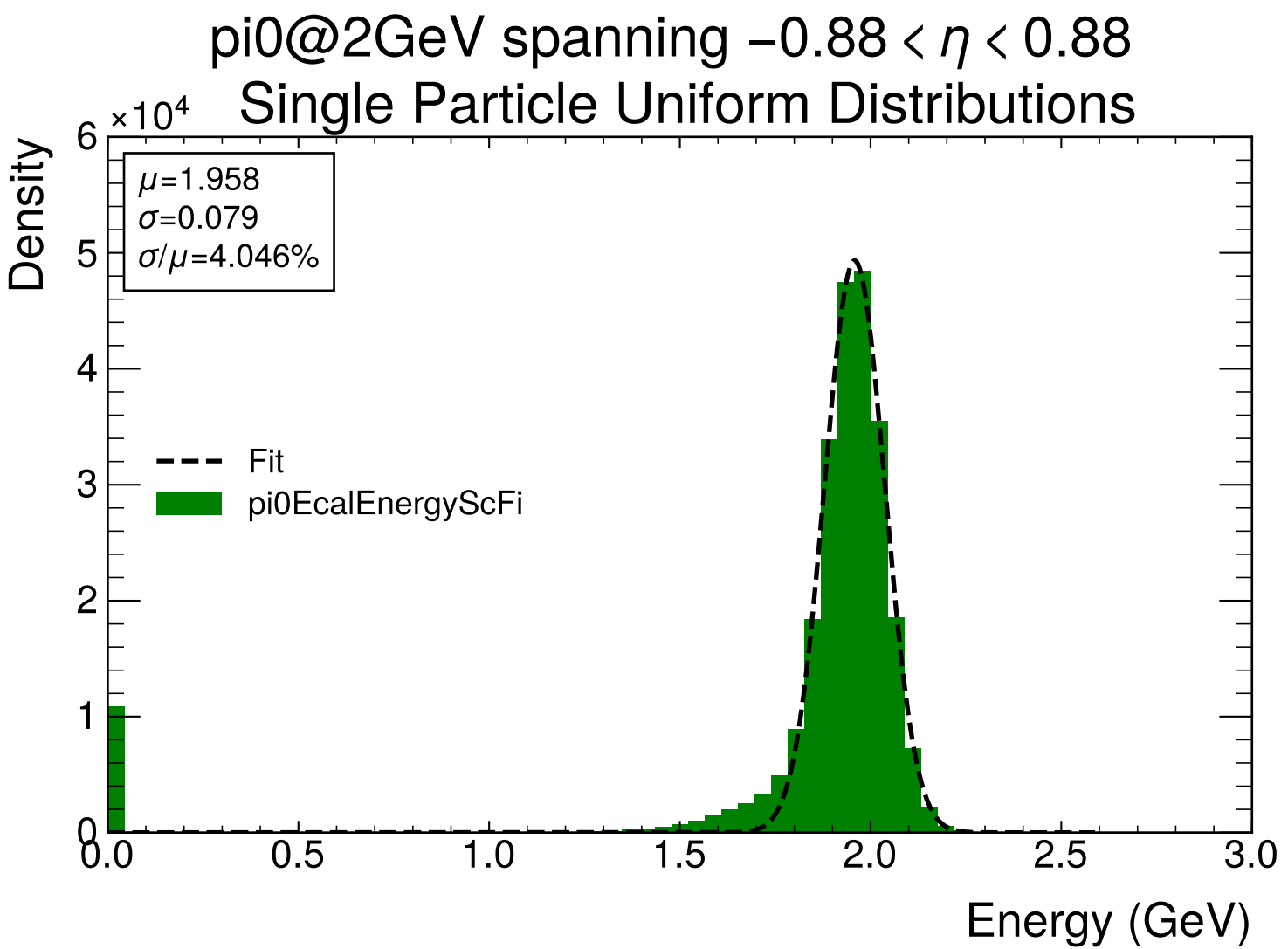

pi+@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^5
Density
μ=1.947
σ=0.481
σ/μ=24.709%
Fit
pi+EcalEnergyScFi
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
Energy (GeV)

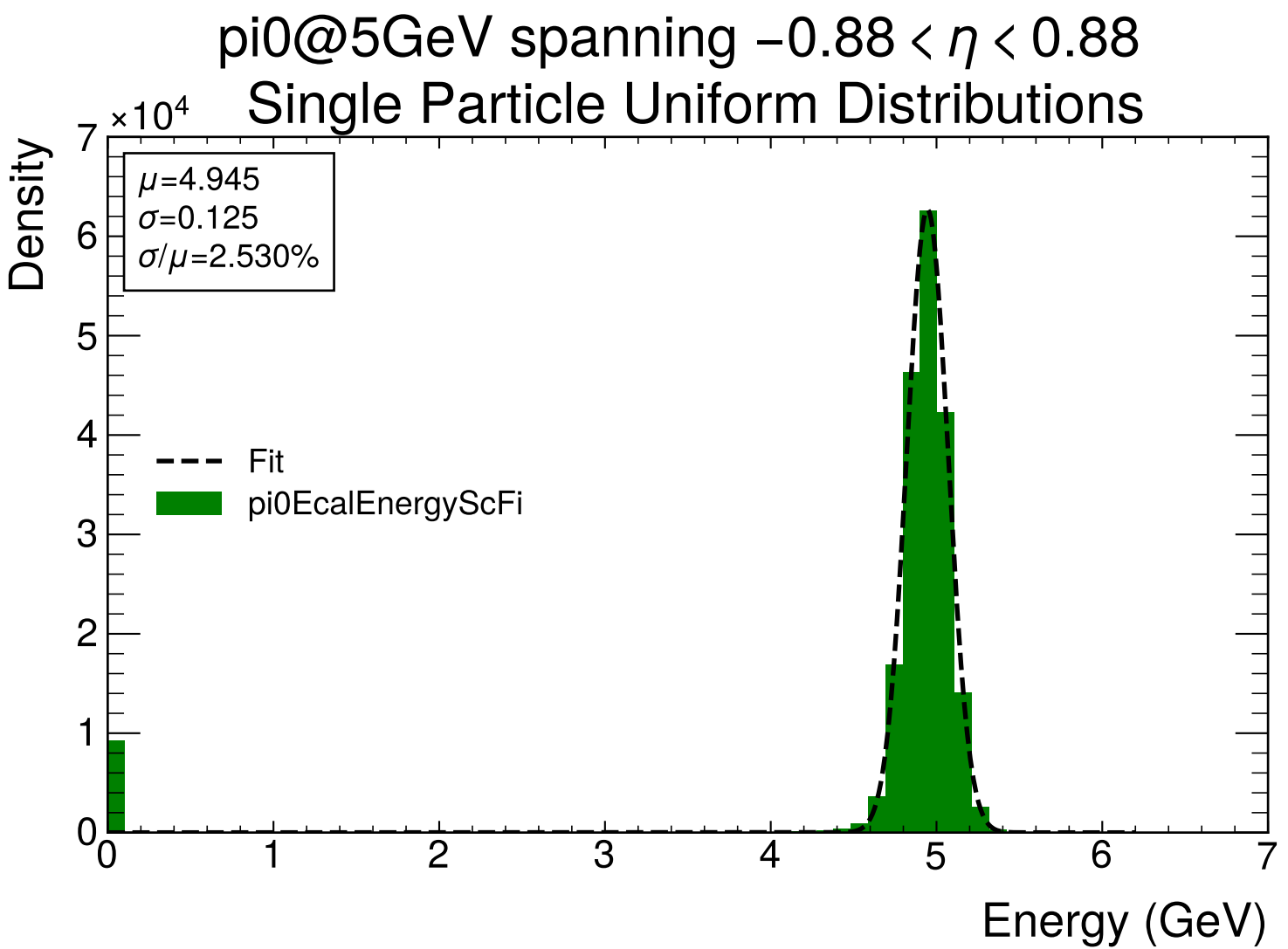

pi+@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=4.666
σ=0.978
σ/μ=20.952%
Fit
pi+EcalEnergyScFi
0
2
4
6
8
0
1
2
3
4
5
6
7
8
Energy (GeV)

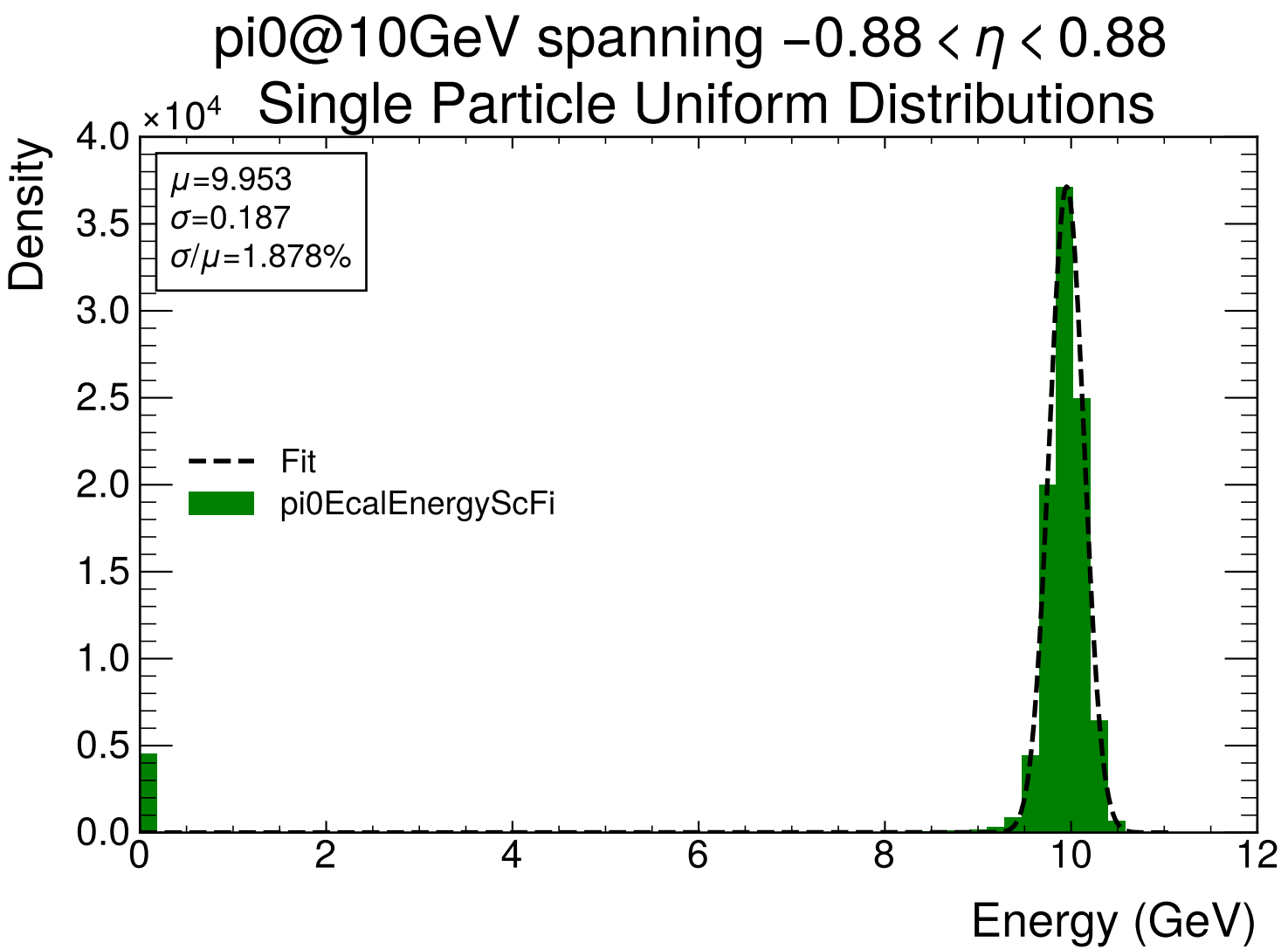

pi+@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=8.506
σ=2.049
σ/μ=24.093%
Fit
pi+EcalEnergyScFi
Energy (GeV)
0
2
4
6
8
10
12
14
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

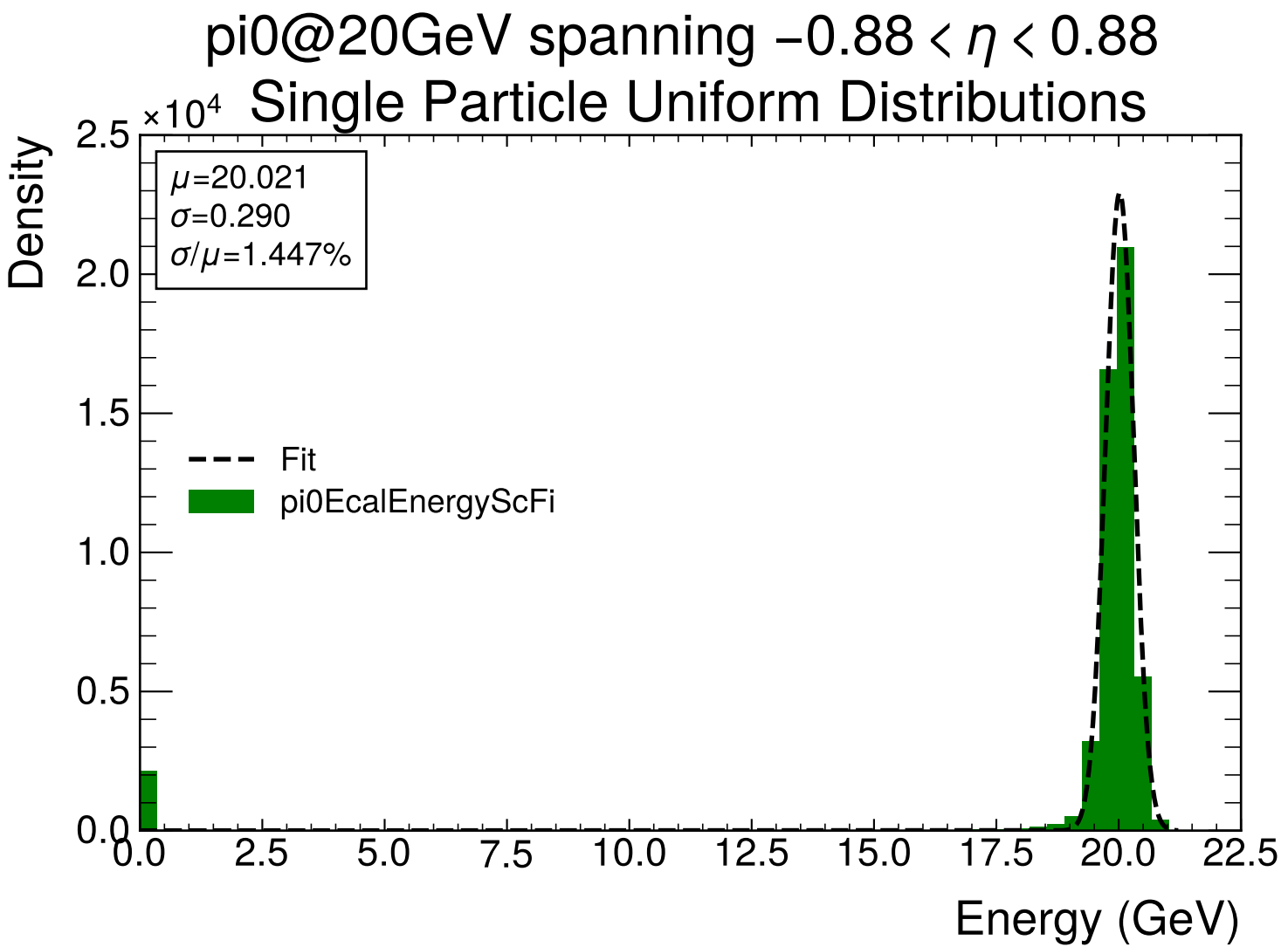

pi+@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=14.695
σ=5.197
σ/μ=35.368%
Fit
pi+EcalEnergyScFi
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
5
10
15
20
25
Energy (GeV)


pi0@1GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=0.963
σ=0.071
σ/μ=7.404%
Fit
pi0EcalEnergyScFi
0
1
2
3
4
5
6
7
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
Energy (GeV)


pi0@2GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=1.958
σ=0.079
σ/μ=4.046%
Fit
pi0EcalEnergyScFi
0
1
2
3
4
5
6
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Energy (GeV)


pi0@5GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=4.945
σ=0.125
σ/μ=2.530%
Fit
pi0EcalEnergyScFi
0
1
2
3
4
5
6
7
Energy (GeV)


pi0@10GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=9.953
σ=0.187
σ/μ=1.878%
Fit
pi0EcalEnergyScFi
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
0
2
4
6
8
10
12
Energy (GeV)


pi0@20GeV spanning −0.88 < η < 0.88
Single Particle Uniform Distributions
×10^4
Density
μ=20.021
σ=0.290
σ/μ=1.447%
Fit
pi0EcalEnergyScFi
2.5
2.0
1.5
1.0
0.5
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
Energy (GeV)