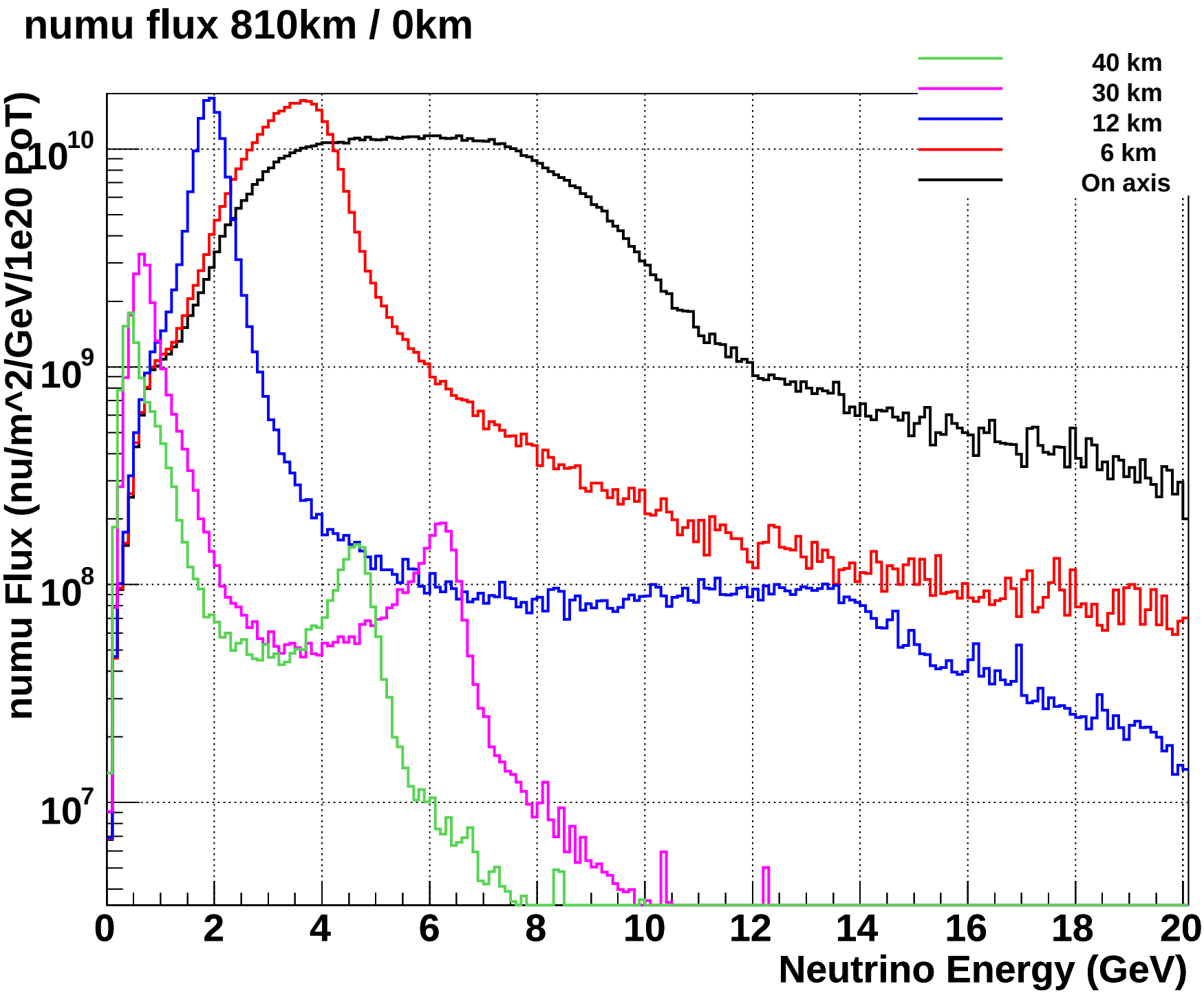
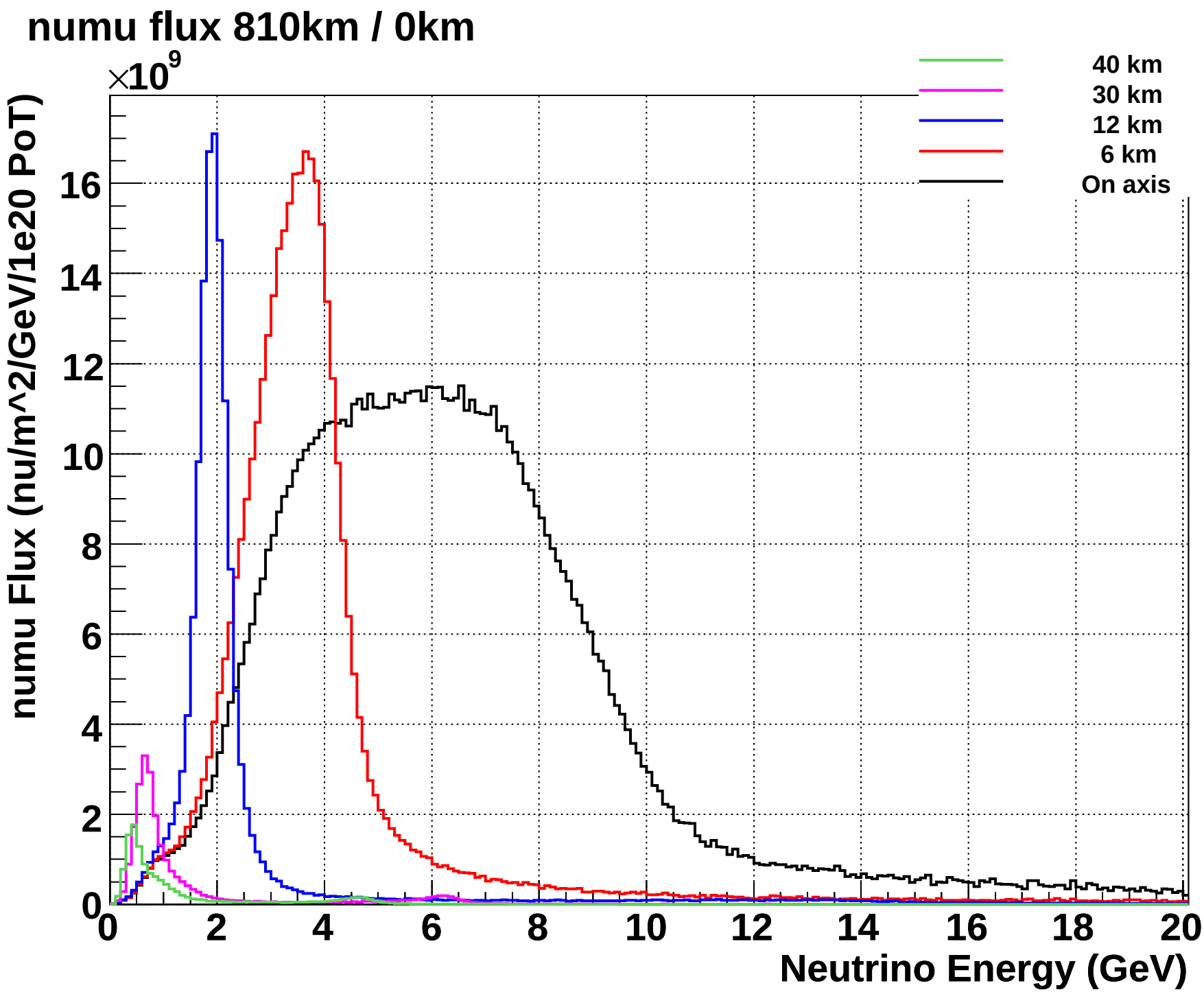
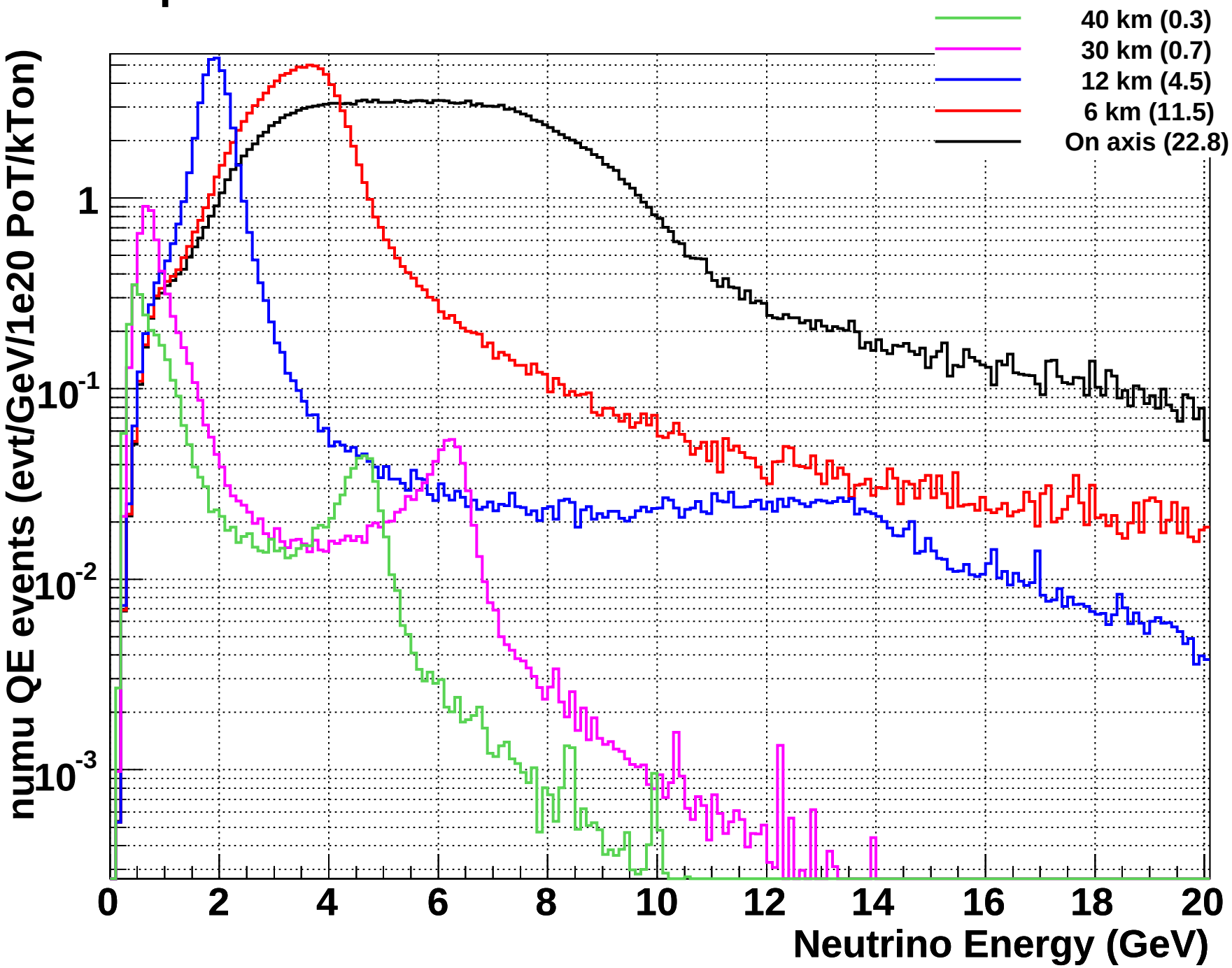
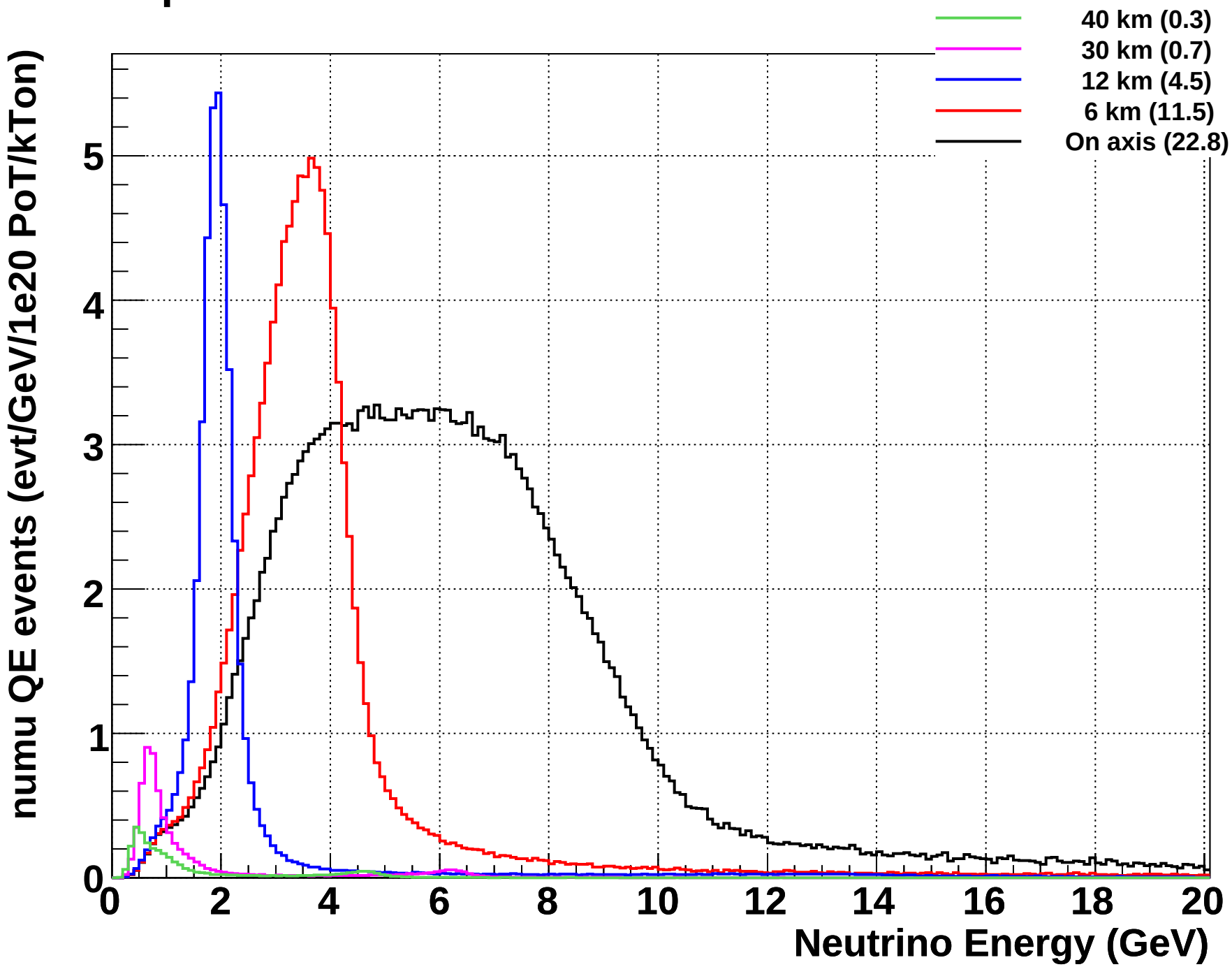
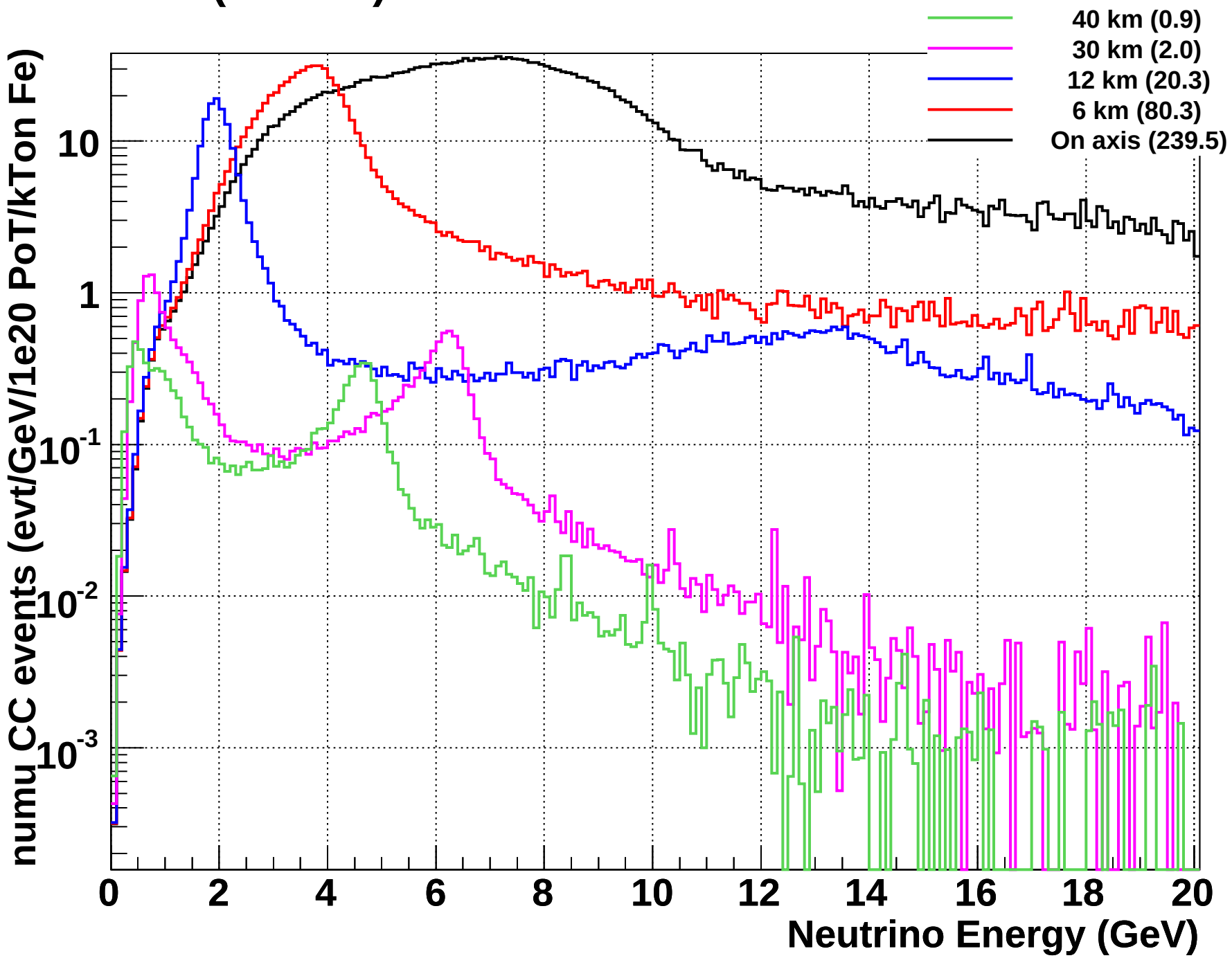
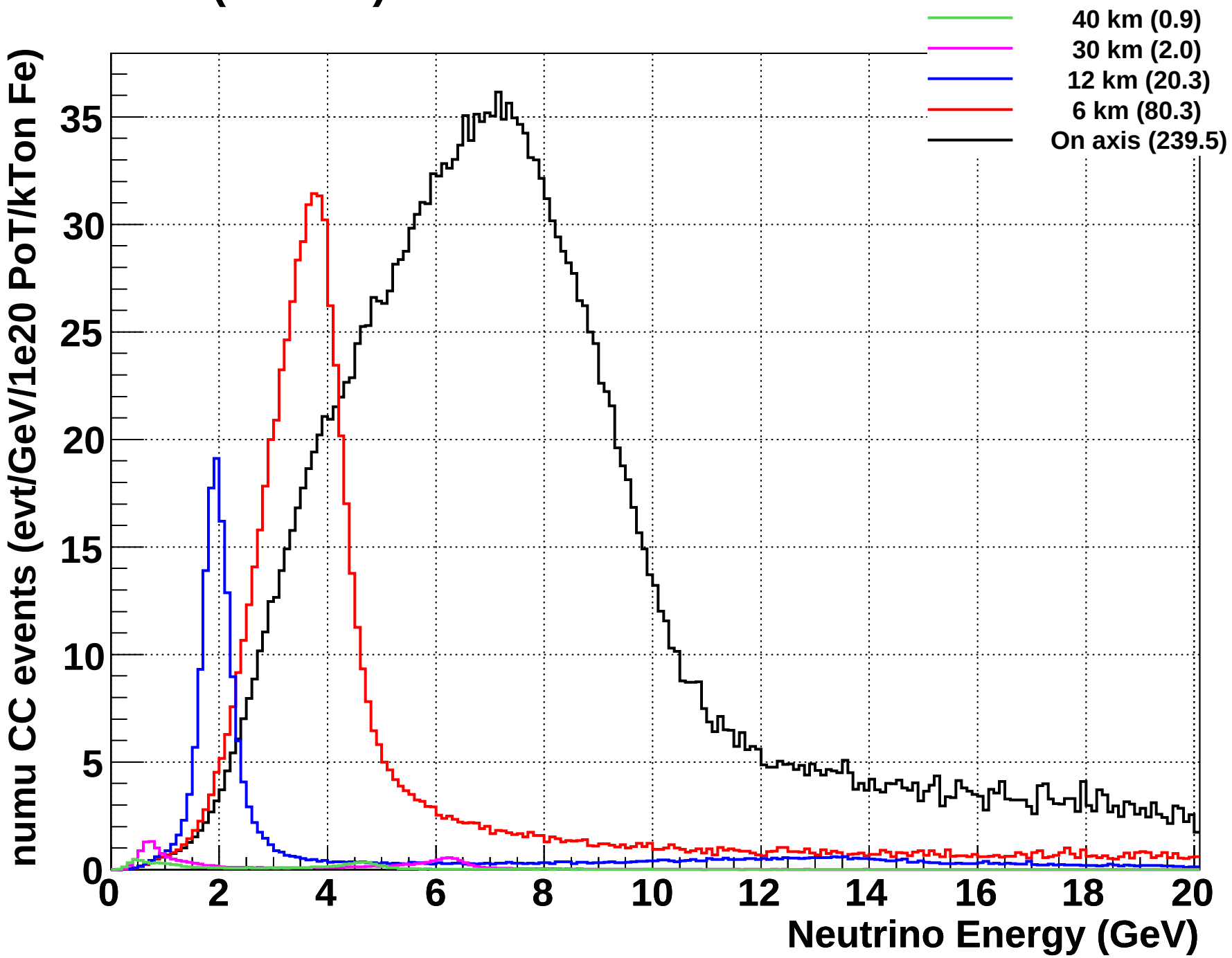

numu flux 810km / 0km
40 km
30 km
12 km
6 km
On axis
numu Flux (nu/m^2/GeV/1e20 PoT)
10^{10}
10^{9}
10^{8}
10^{7}
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

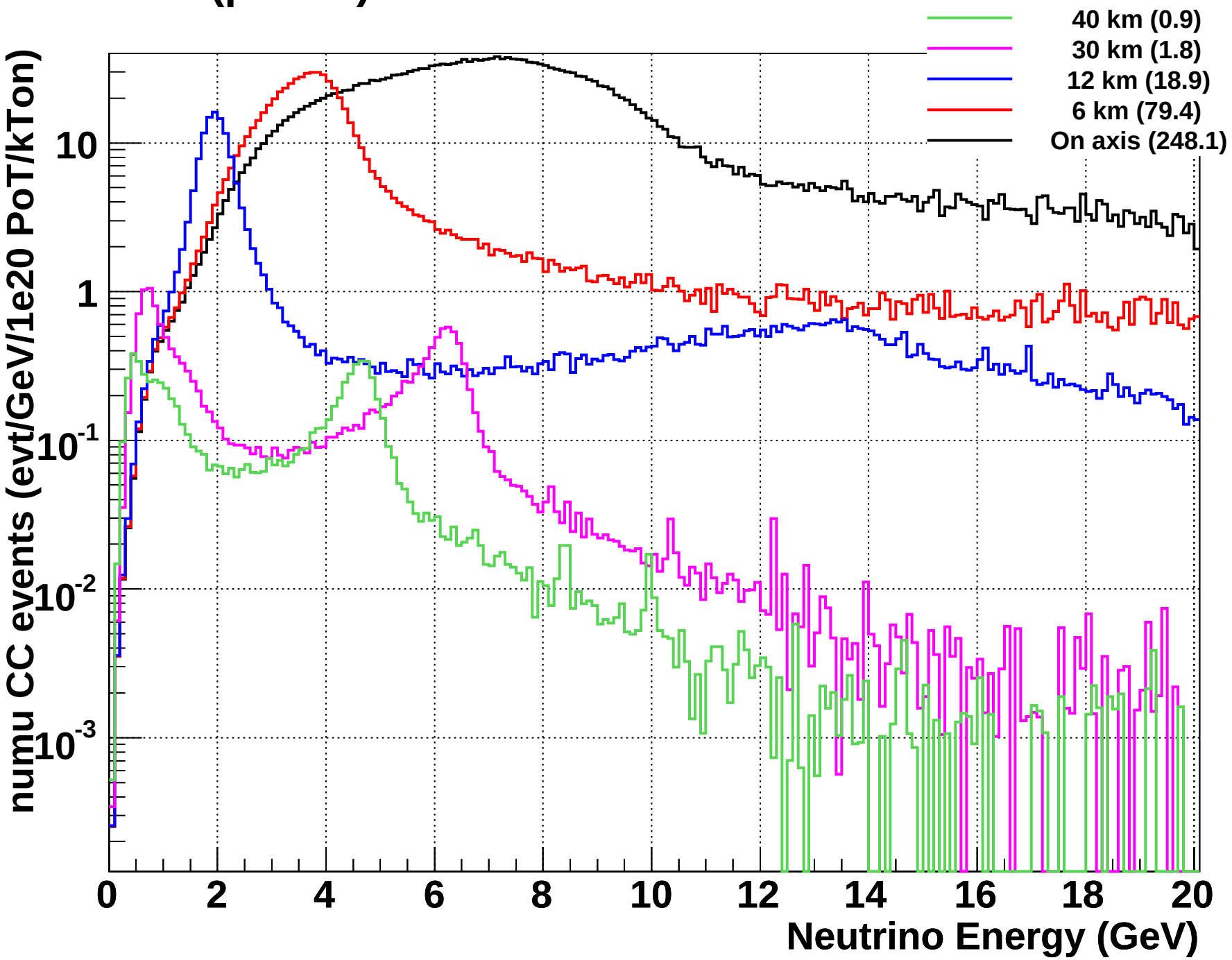

numu flux 810km / 0km
×10^9
numu Flux (nu/m^2/GeV/1e20 PoT)
Neutrino Energy (GeV)
40 km
30 km
12 km
6 km
On axis
0
2
4
6
8
10
12
14
16
18
20

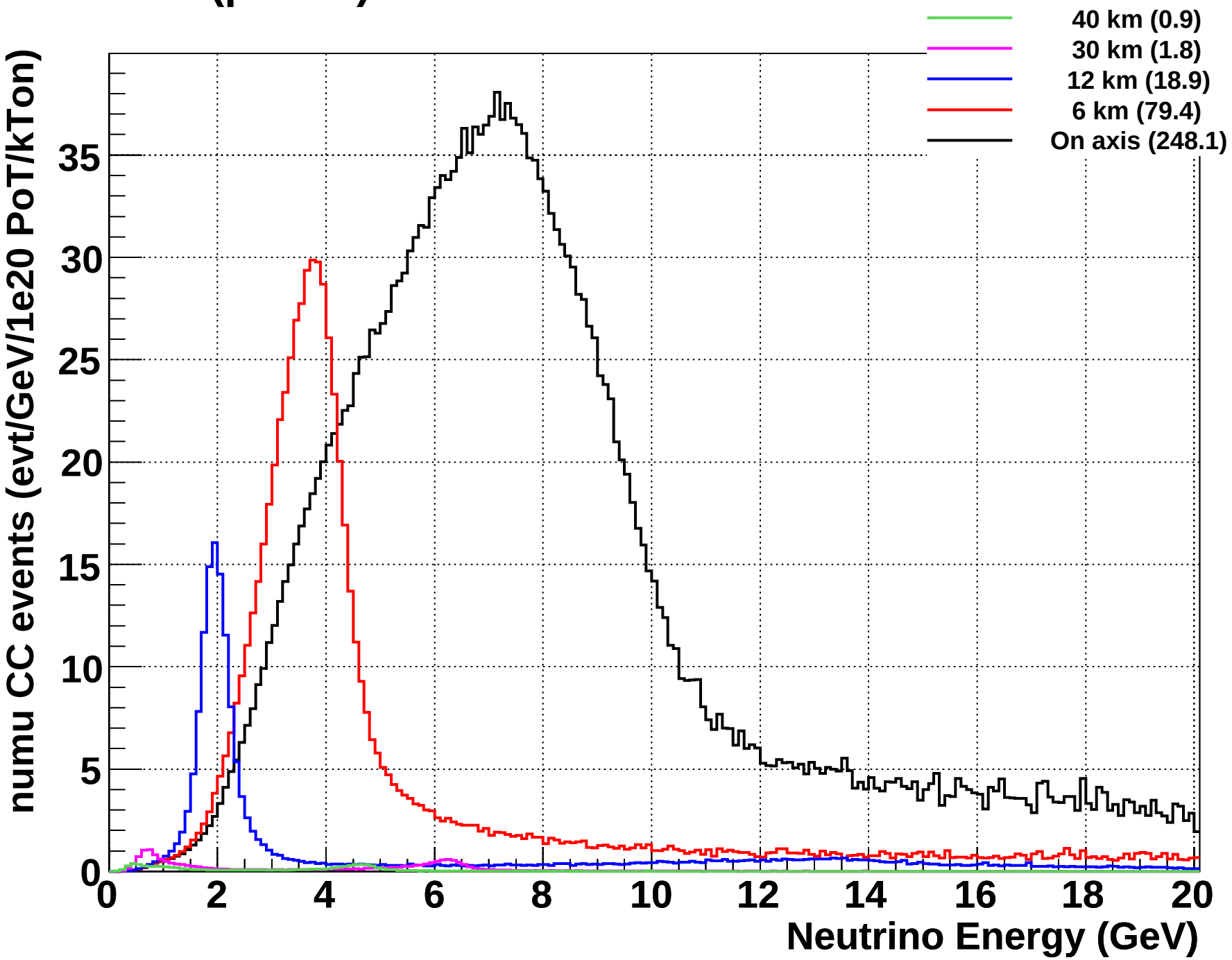

numu qe 810km / 0km
40 km (0.3)
30 km (0.7)
12 km (4.5)
6 km (11.5)
On axis (22.8)
numu QE events (evt/GeV/1e20 PoT/kTon)
1
10^-1
10^-2
10^-3
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

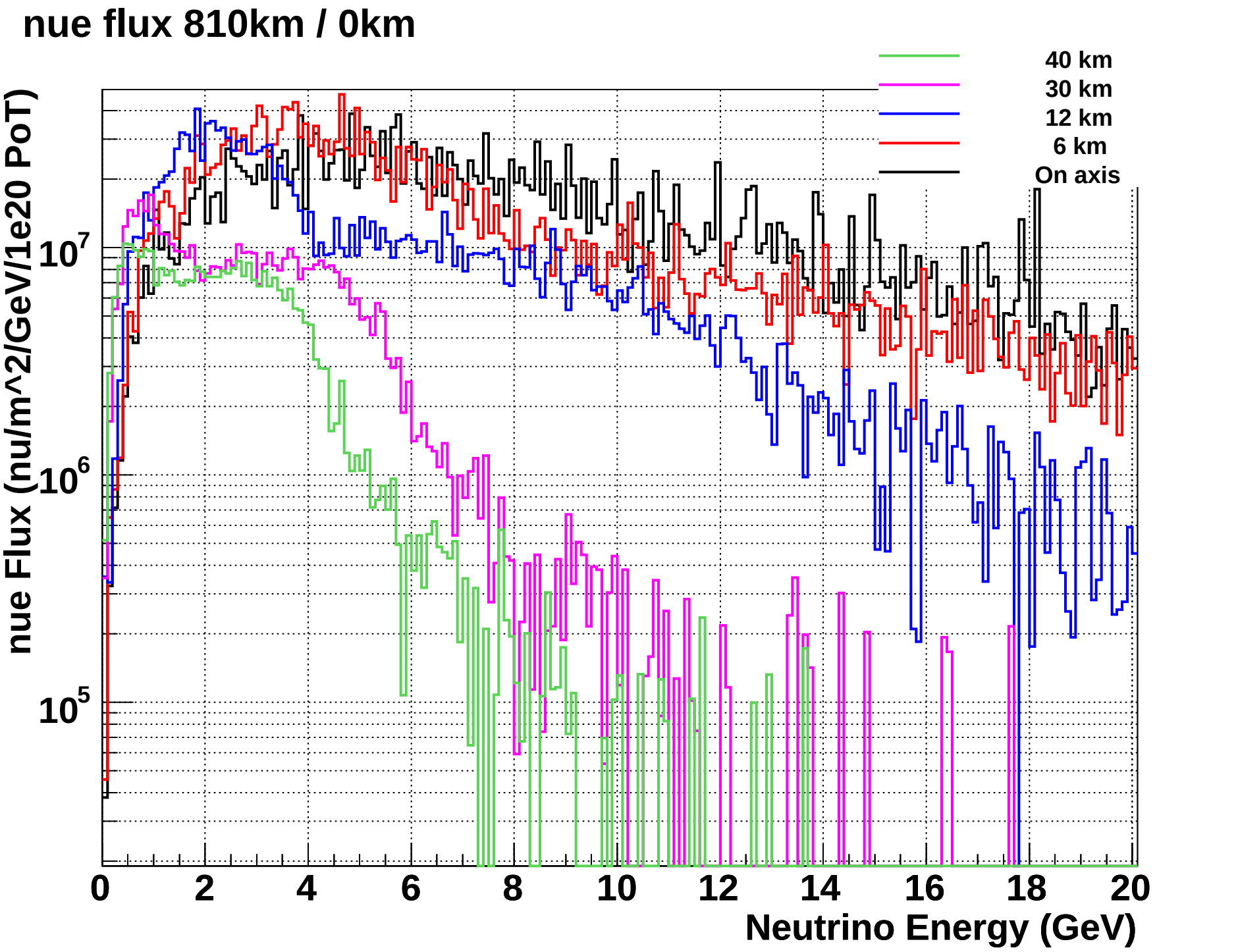

numu qe 810km / 0km
40 km (0.3)
30 km (0.7)
12 km (4.5)
6 km (11.5)
On axis (22.8)
numu QE events (evt/GeV/1e20 PoT/kTon)
0
1
2
3
4
5
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

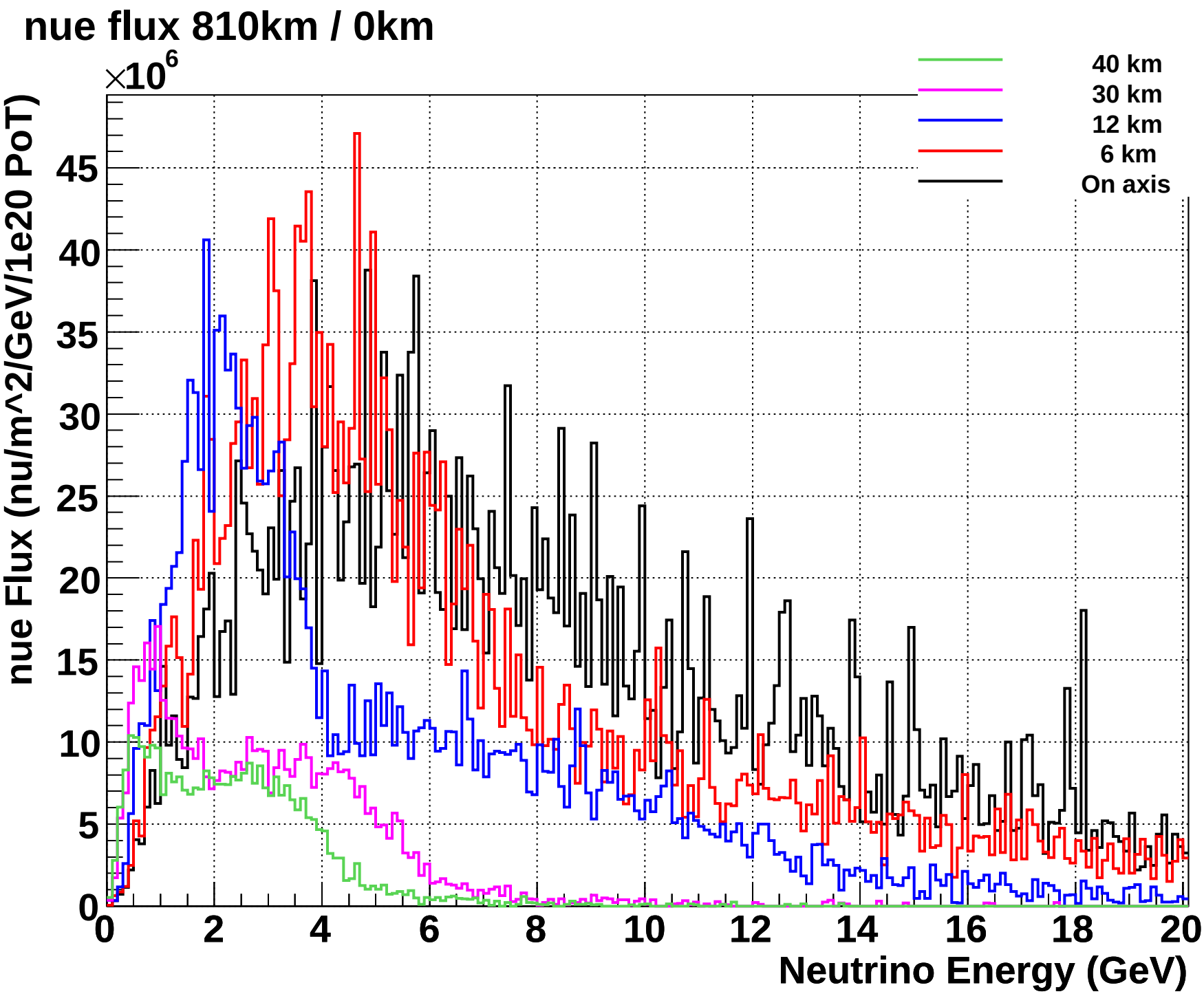

numu cc (xseccc) 810km / 0km
40 km (0.9)
30 km (2.0)
12 km (20.3)
6 km (80.3)
On axis (239.5)
numu CC events (evt/GeV/1e20 PoT/kTon Fe)
10
1
10^-1
10^-2
10^-3
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

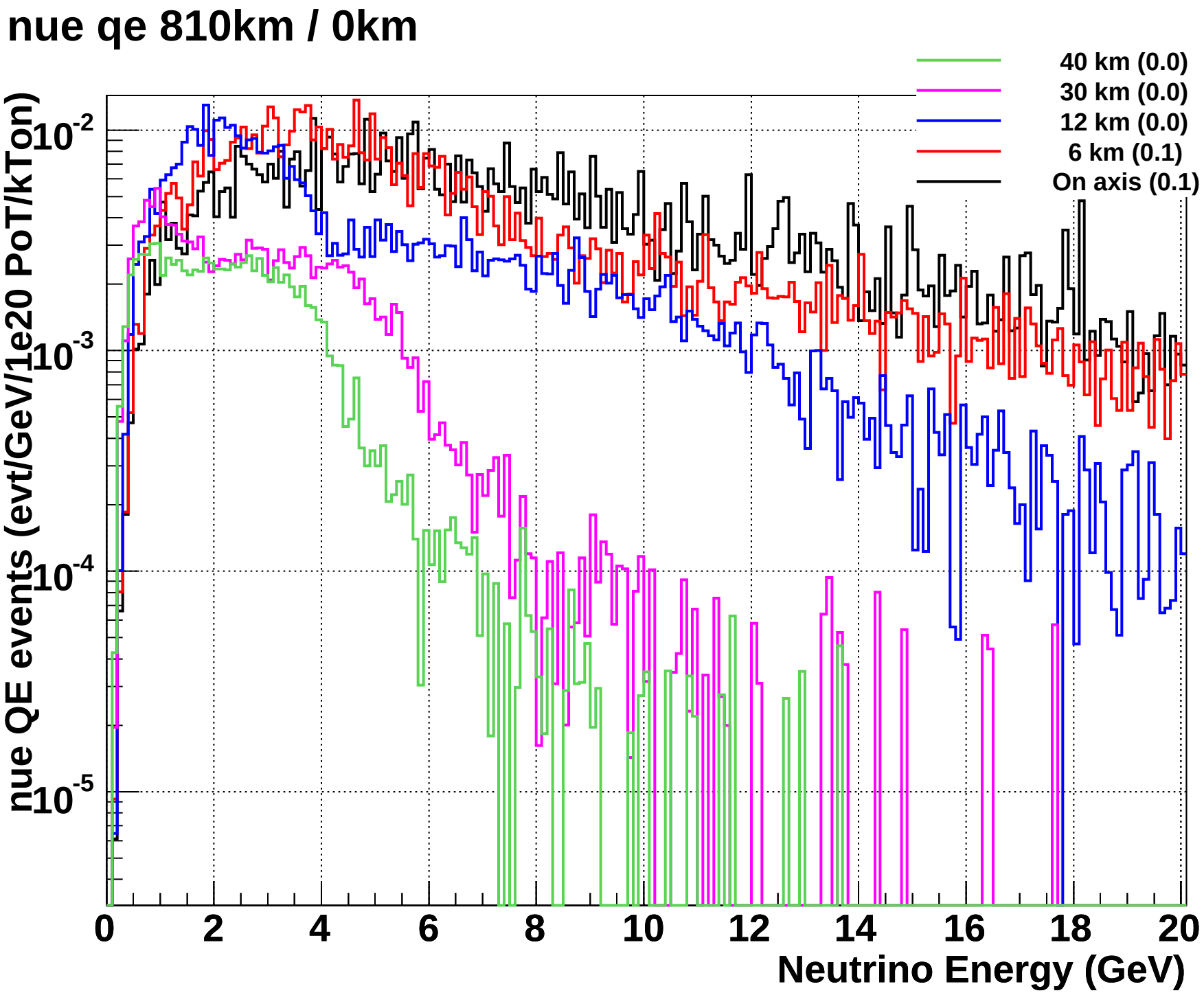

numu cc (xseccc) 810km / 0km
40 km (0.9)
30 km (2.0)
12 km (20.3)
6 km (80.3)
On axis (239.5)
numu CC events (evt/GeV/1e20 PoT/kTon Fe)
0
5
10
15
20
25
30
35
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

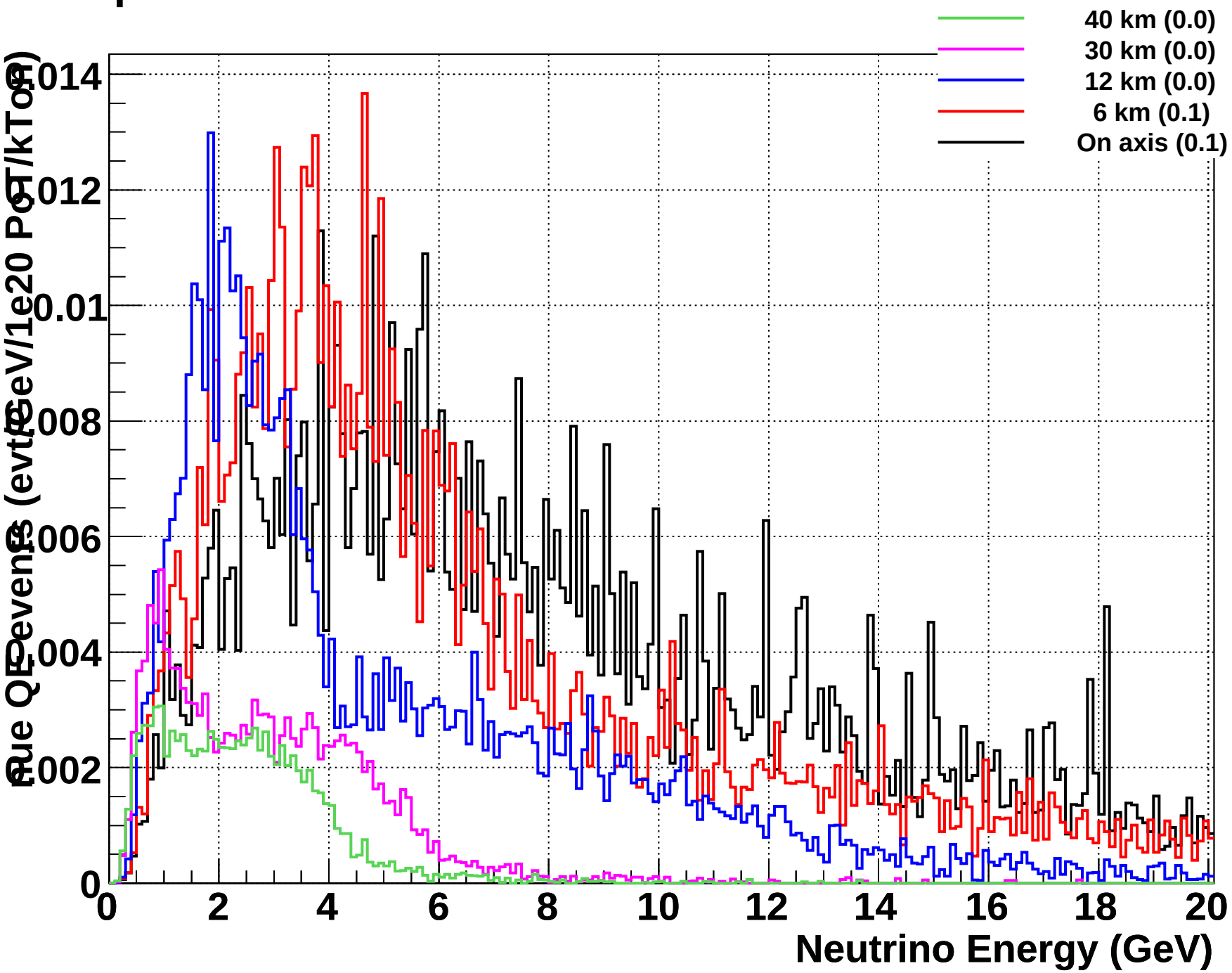

numu cc (param) 810km / 0km
40 km (0.9)
30 km (1.8)
12 km (18.9)
6 km (79.4)
On axis (248.1)
numu CC events (evt/GeV/1e20 PoT/kTon)
10
1
10^-1
10^-2
10^-3
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

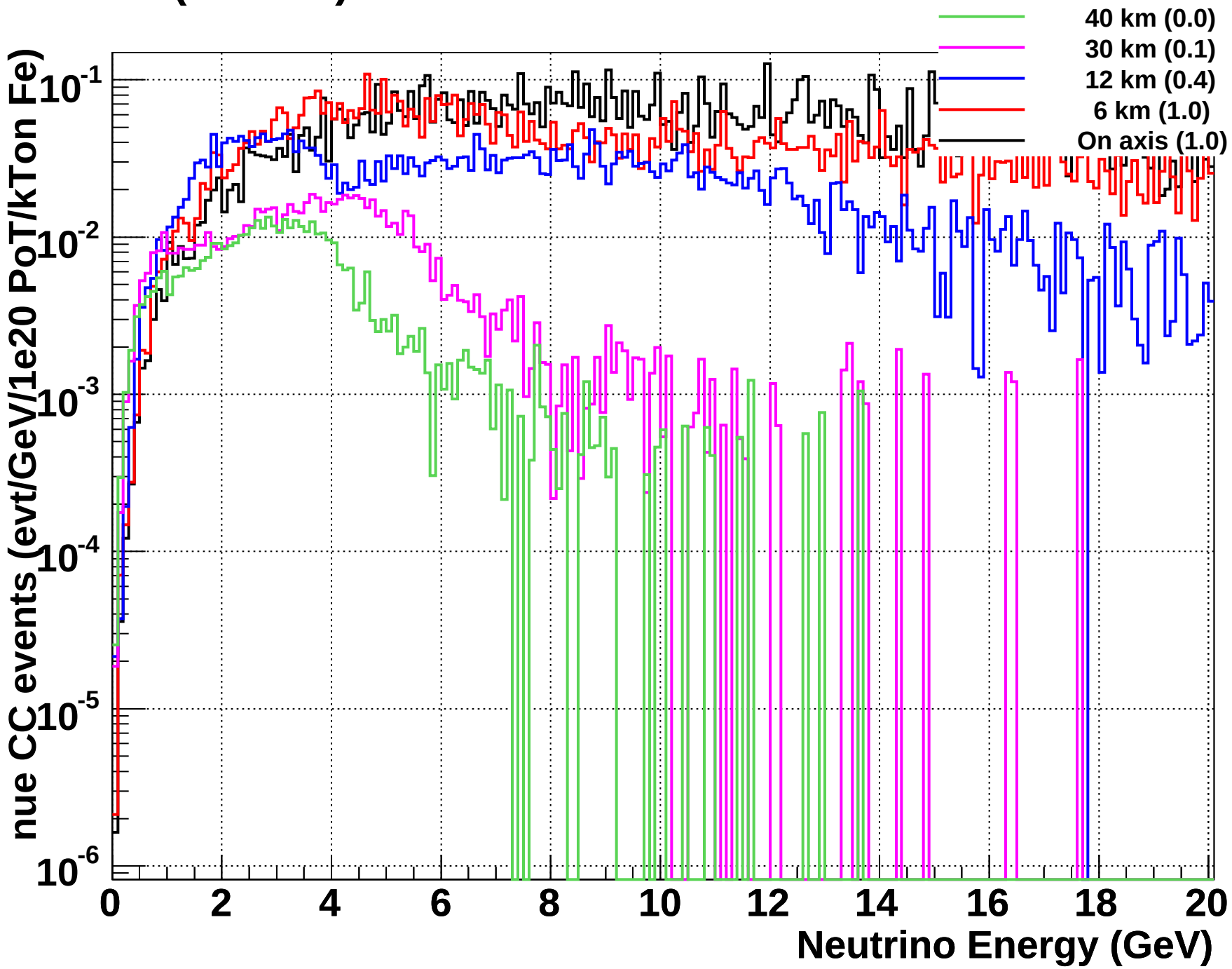

numu cc (param) 810km / 0km
40 km (0.9)
30 km (1.8)
12 km (18.9)
6 km (79.4)
On axis (248.1)
numu CC events (evt/GeV/1e20 PoT/kTon)
0
5
10
15
20
25
30
35
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

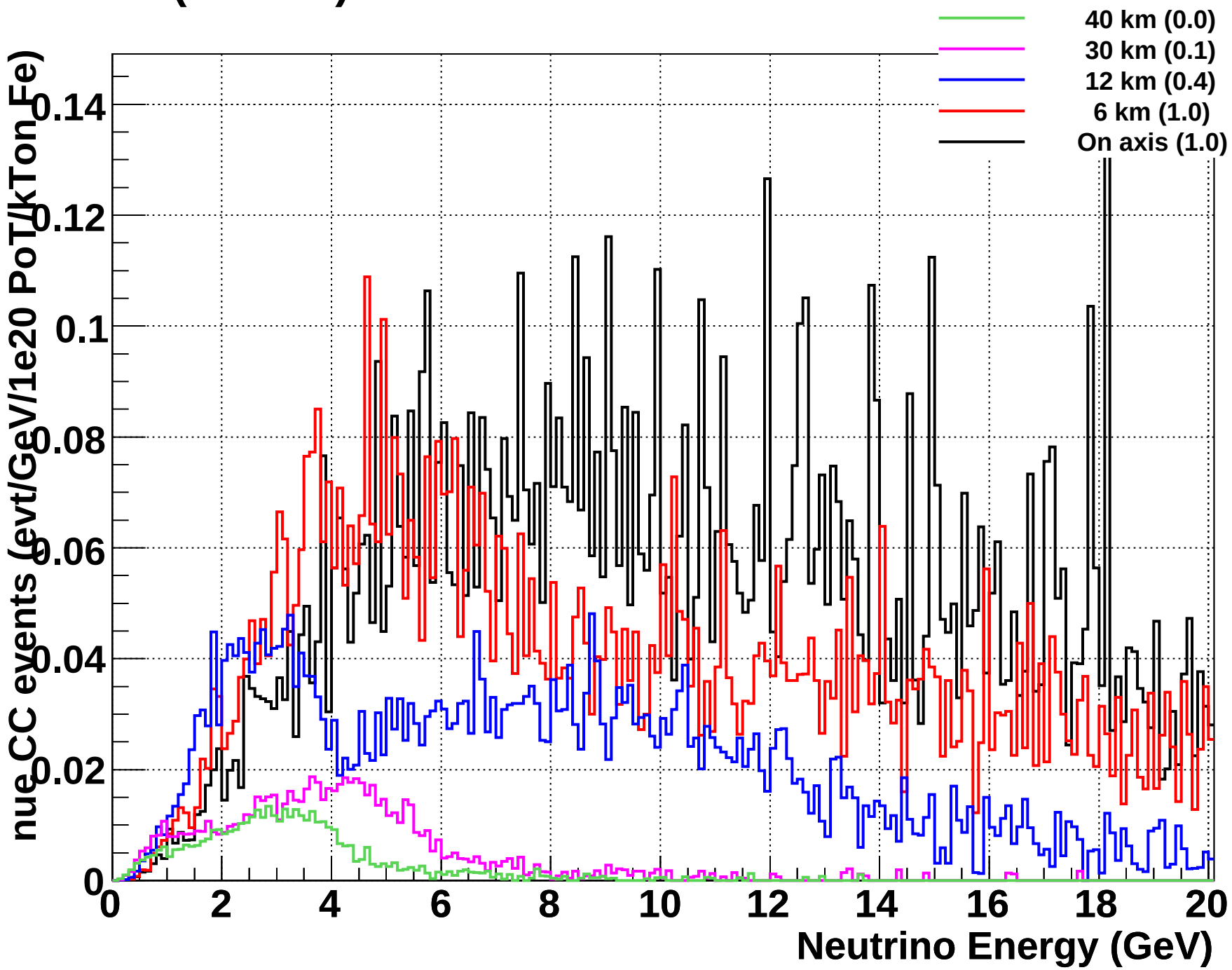

nue flux 810km / 0km
40 km
30 km
12 km
6 km
On axis
nue Flux (nu/m^2/GeV/1e20 PoT)
10^7
10^6
10^5
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)

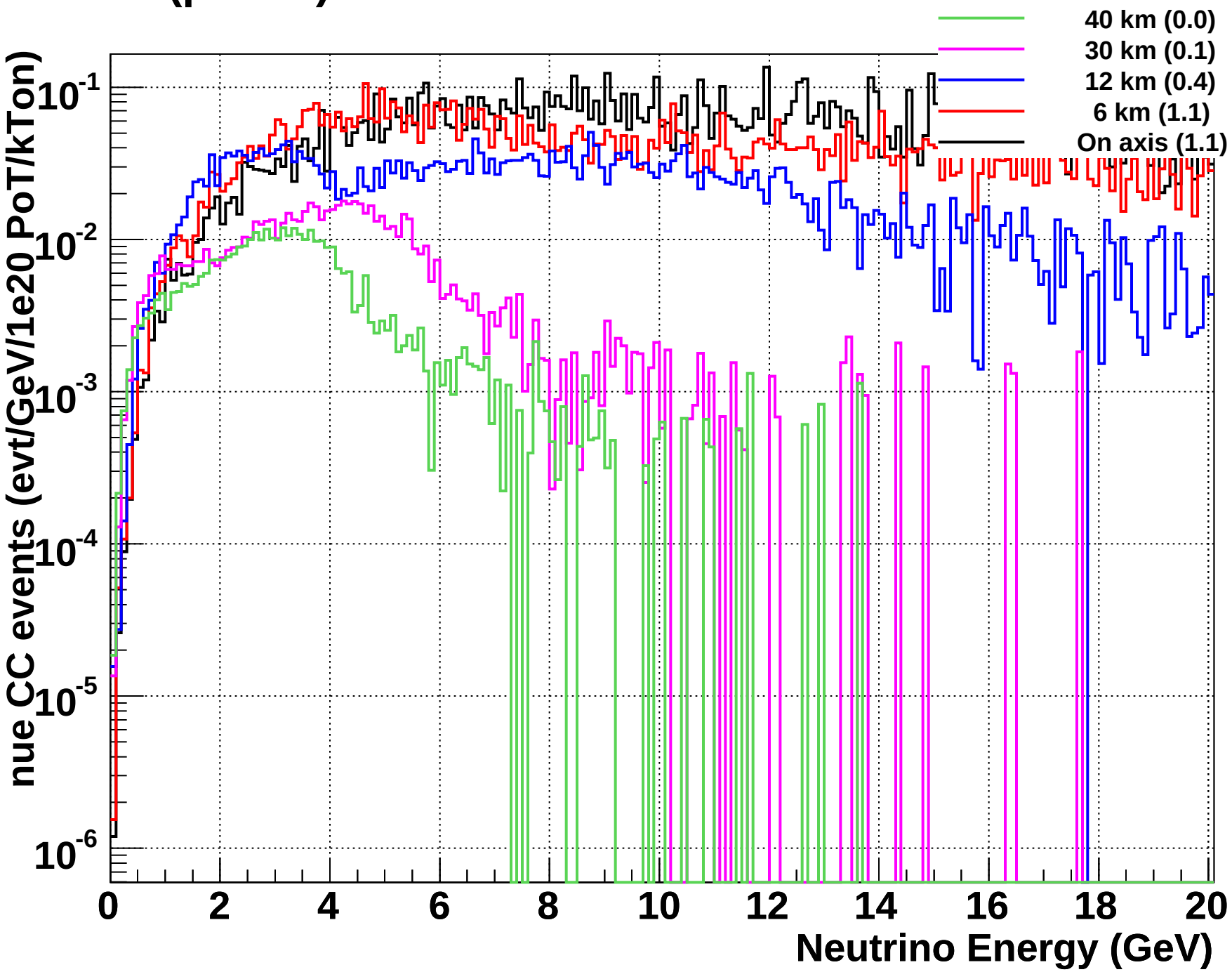

nue flux 810km / 0km
×10^6
nue Flux (nu/m^2/GeV/1e20 PoT)
Neutrino Energy (GeV)
40 km
30 km
12 km
6 km
On axis
0
5
10
15
20
25
30
35
40
45
0
2
4
6
8
10
12
14
16
18
20

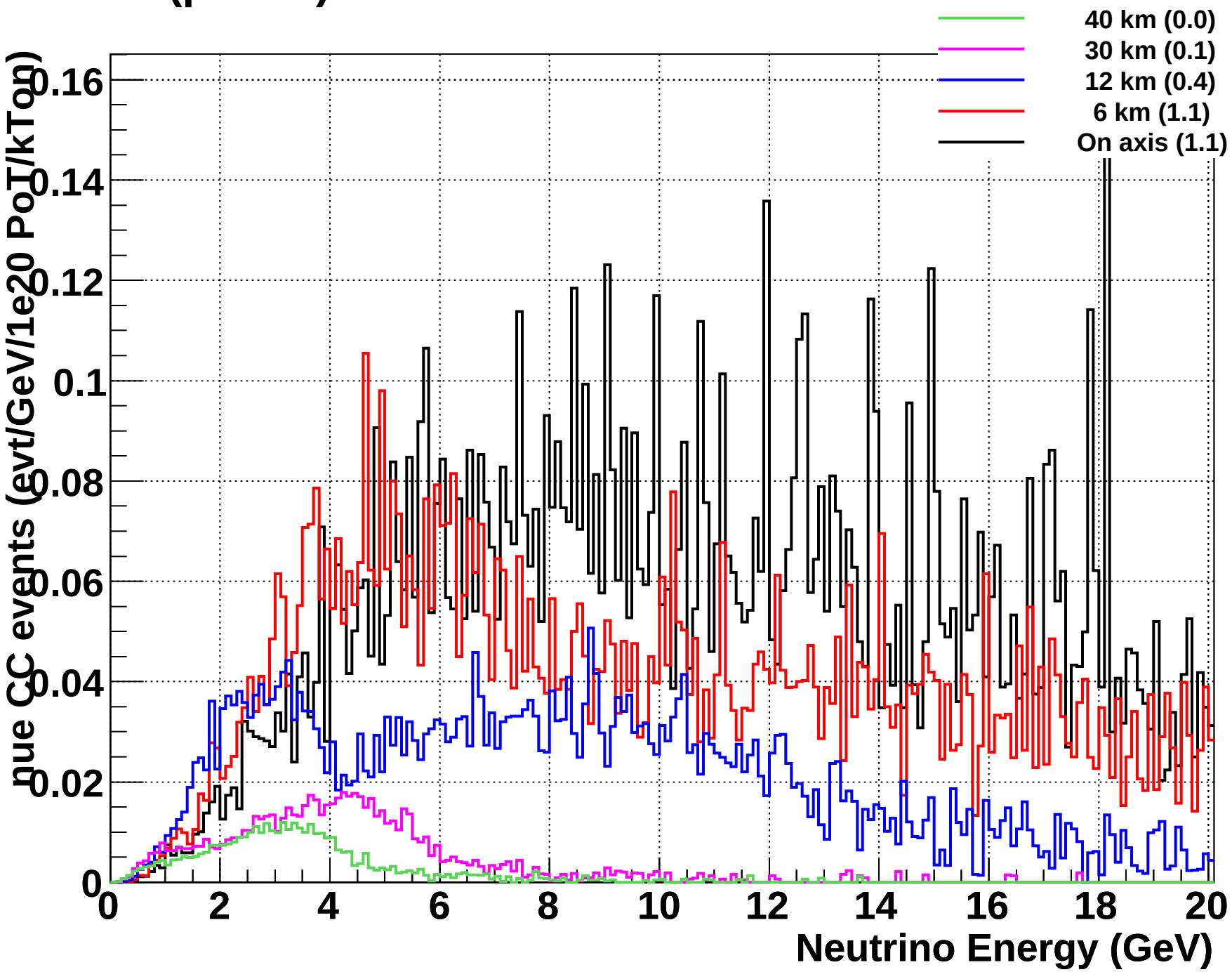

nue qe 810km / 0km
40 km (0.0)
30 km (0.0)
12 km (0.0)
6 km (0.1)
On axis (0.1)
nue QE events (evt/GeV/1e20 PoT/kTon)
10^-2
10^-3
10^-4
10^-5
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)


nue qe 810km / 0km
40 km (0.0)
30 km (0.0)
12 km (0.0)
6 km (0.1)
On axis (0.1)
Nue QE Events (evt/GeV/1e20 POT/kTon)
0
0.002
0.004
0.006
0.008
0.01
0.012
0.014
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)


nue cc (xseccc) 810km / 0km
40 km (0.0)
30 km (0.1)
12 km (0.4)
6 km (1.0)
On axis (1.0)
nue CC events (evt/GeV/1e20 PoT/kTon Fe)
Neutrino Energy (GeV)


nue cc (xseccc) 810km / 0km
40 km (0.0)
30 km (0.1)
12 km (0.4)
6 km (1.0)
On axis (1.0)
nue CC events (evt/GeV/1e20 PoT/kTon_Fe)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)


nue cc (param) 810km / 0km
40 km (0.0)
30 km (0.1)
12 km (0.4)
6 km (1.1)
On axis (1.1)
nue CC events (evt/GeV/1e20 PoT/kTon)
10^-1
10^-2
10^-3
10^-4
10^-5
10^-6
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)


nue cc (param) 810km / 0km
40 km (0.0)
30 km (0.1)
12 km (0.4)
6 km (1.1)
On axis (1.1)
nue CC events (evt/GeV/1e20 PoT/kTon)
0
0.02
0.04
0.06
0.08
0.1
0.12
0.14
0.16
0
2
4
6
8
10
12
14
16
18
20
Neutrino Energy (GeV)