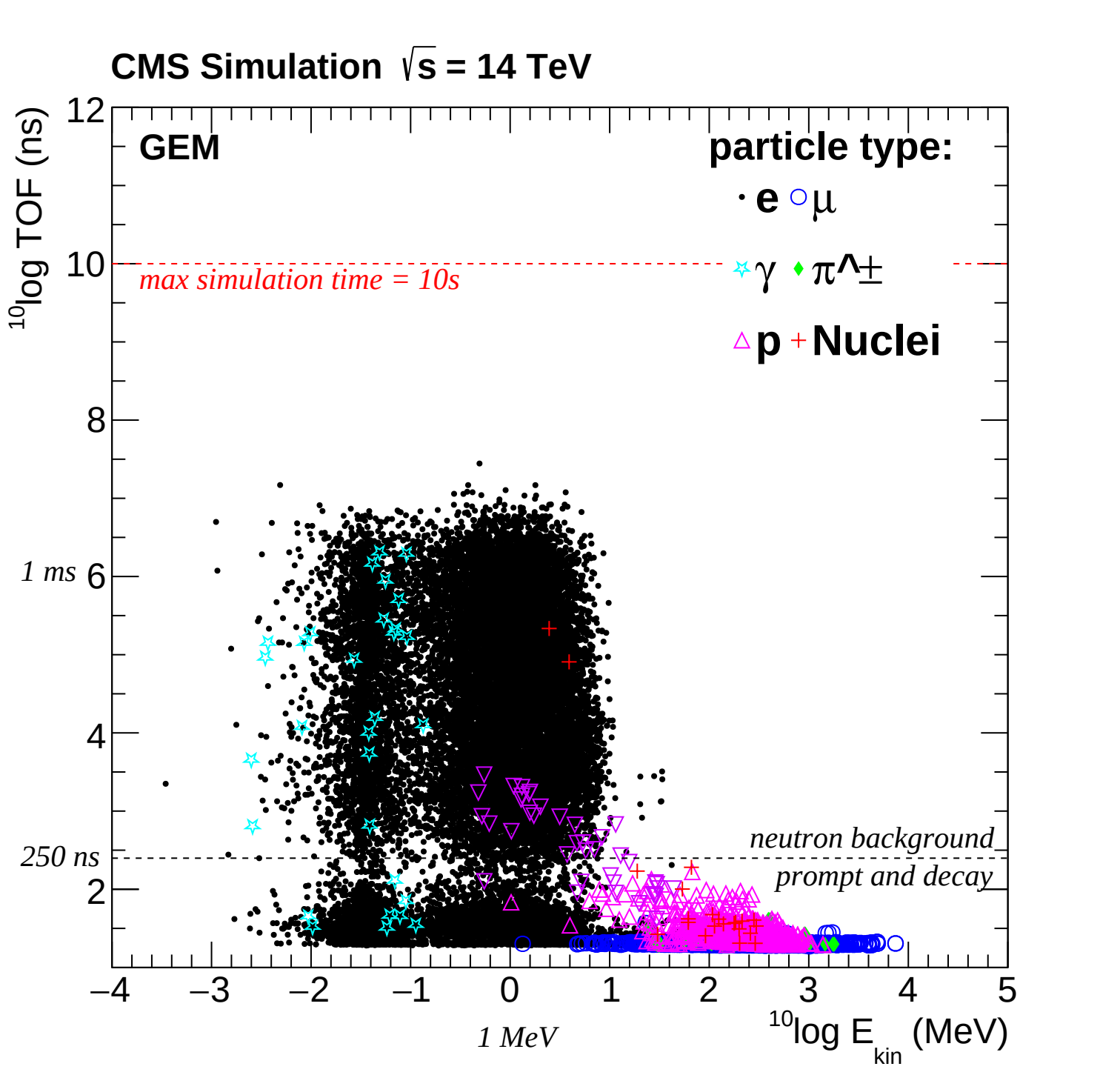
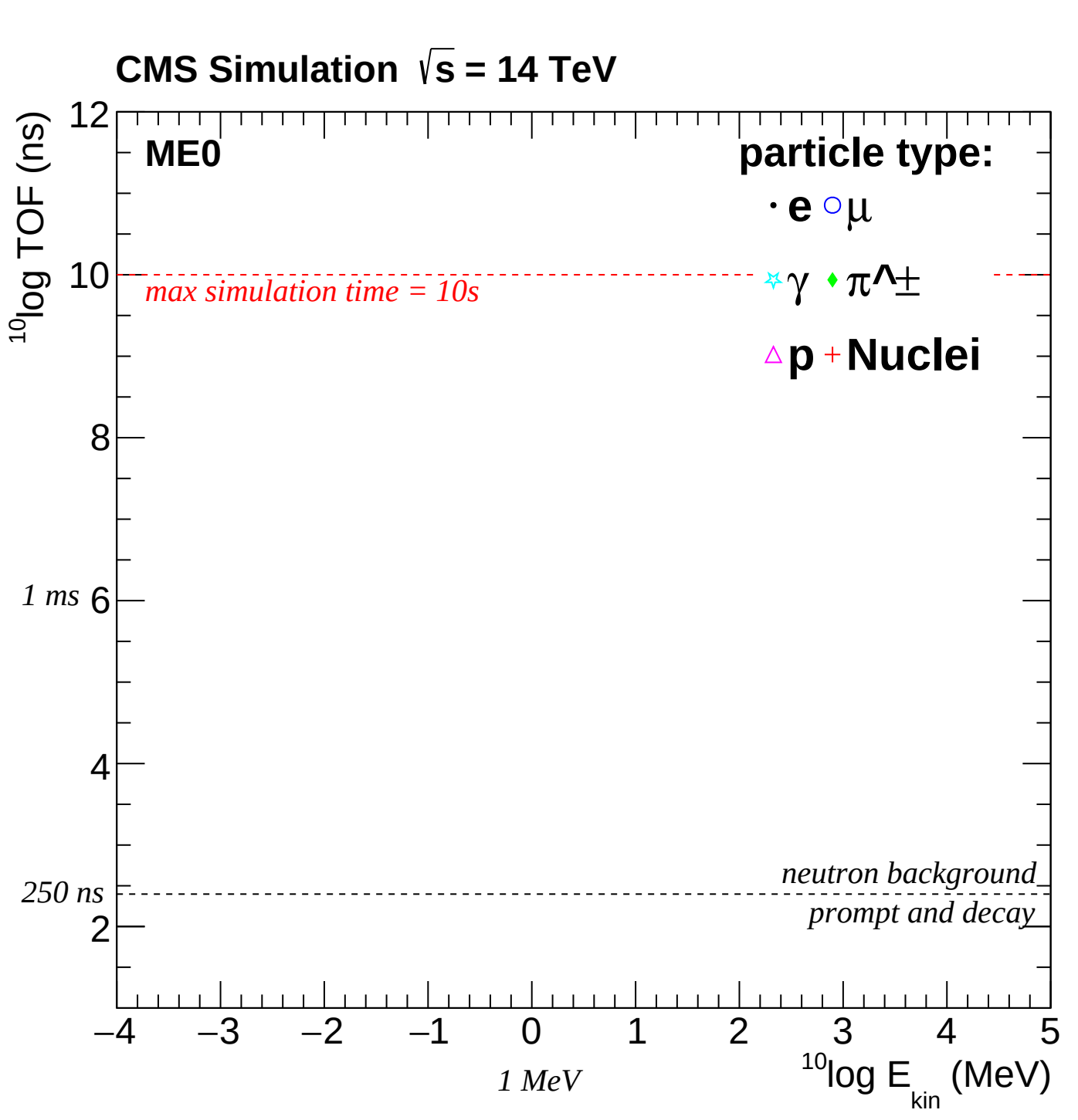
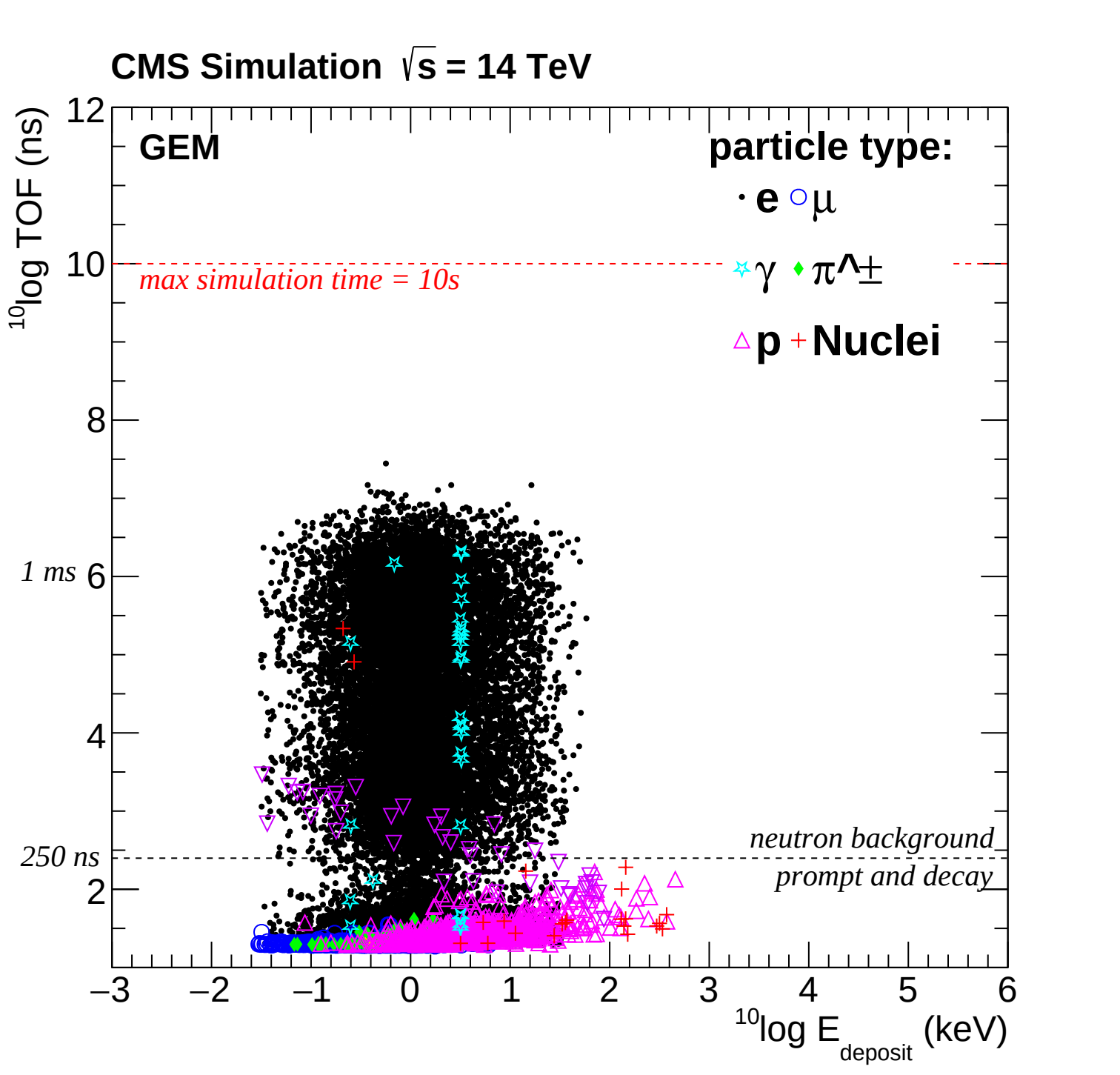
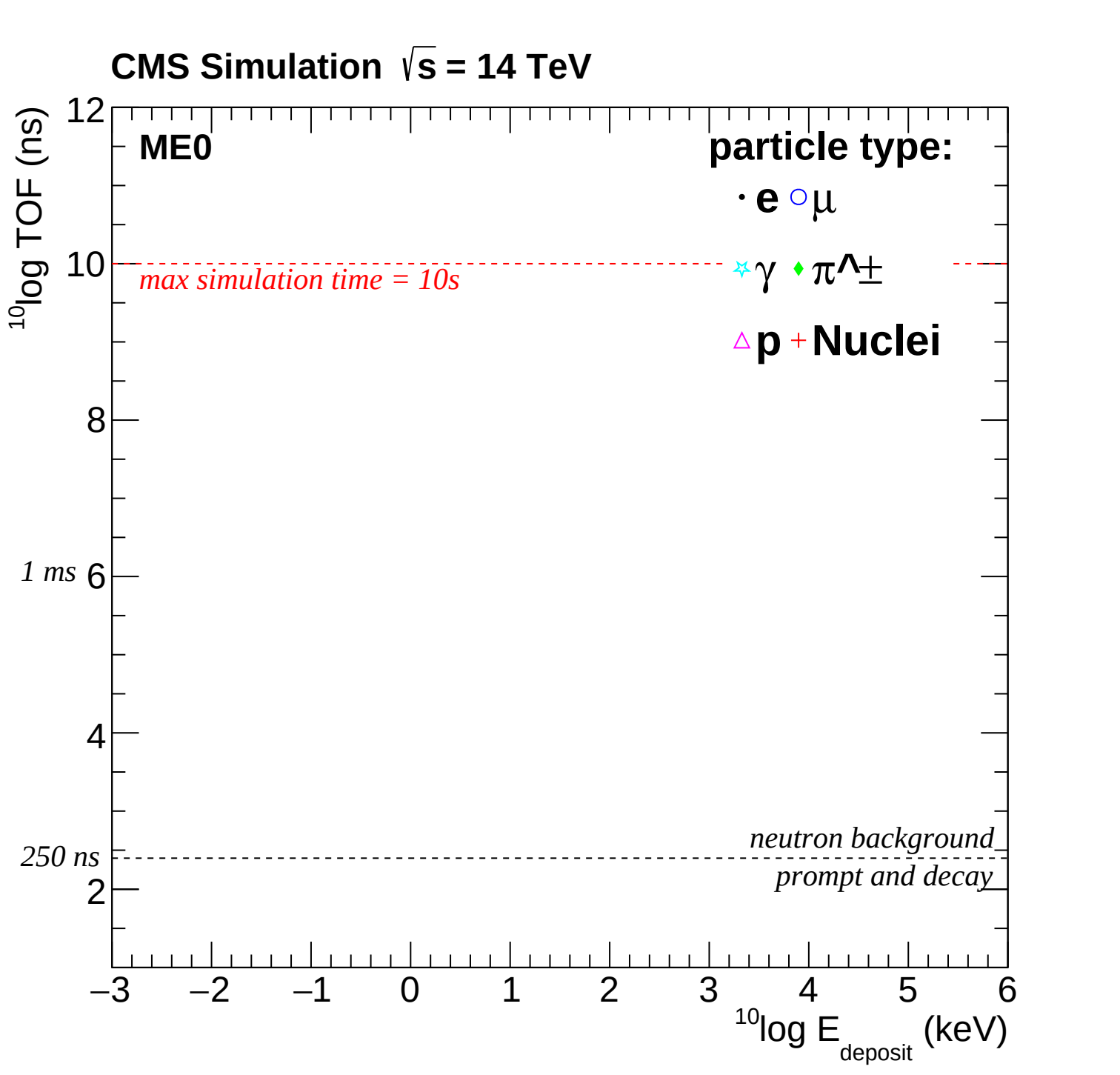
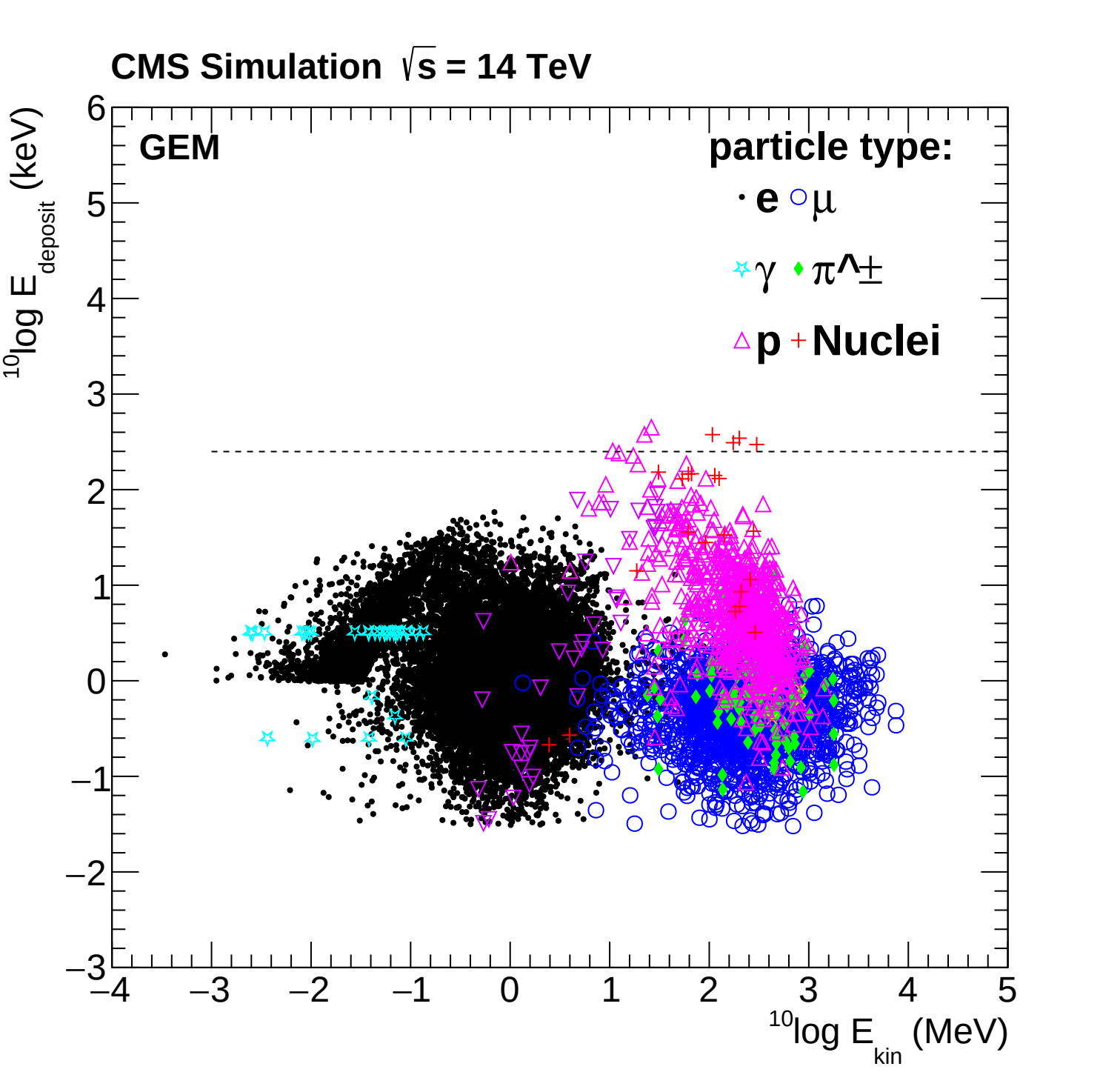
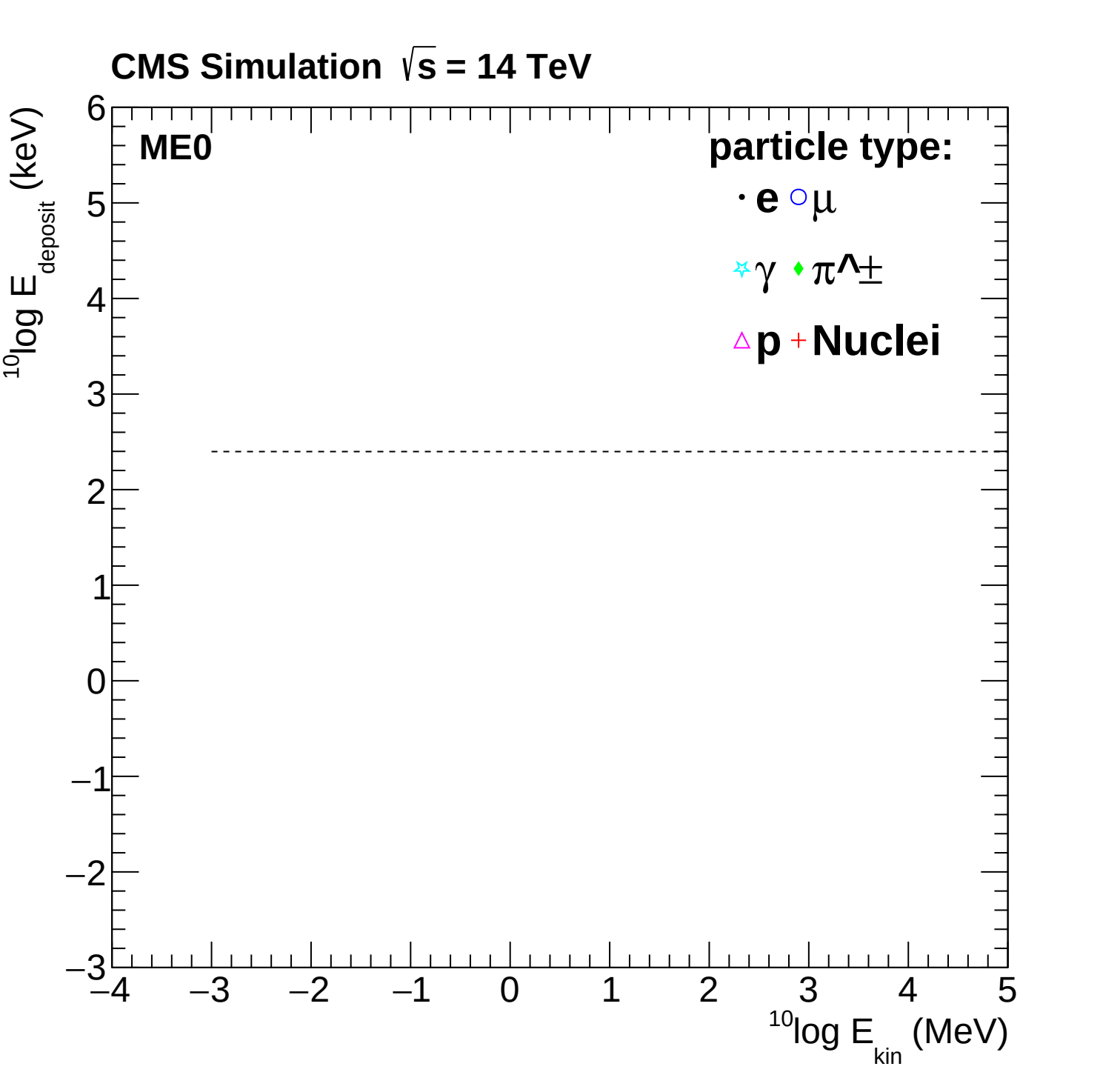

CMS Simulation √s = 14 TeV
GEM
particle type:
e
μ
γ
π^±
p
Nuclei
max simulation time = 10s
neutron background
prompt and decay
1 ms
250 ns
1 MeV
10log TOF (ns)
10log E kin (MeV)
12
10
8
6
4
2
−4
−3
−2
−1
0
1
2
3
4
5

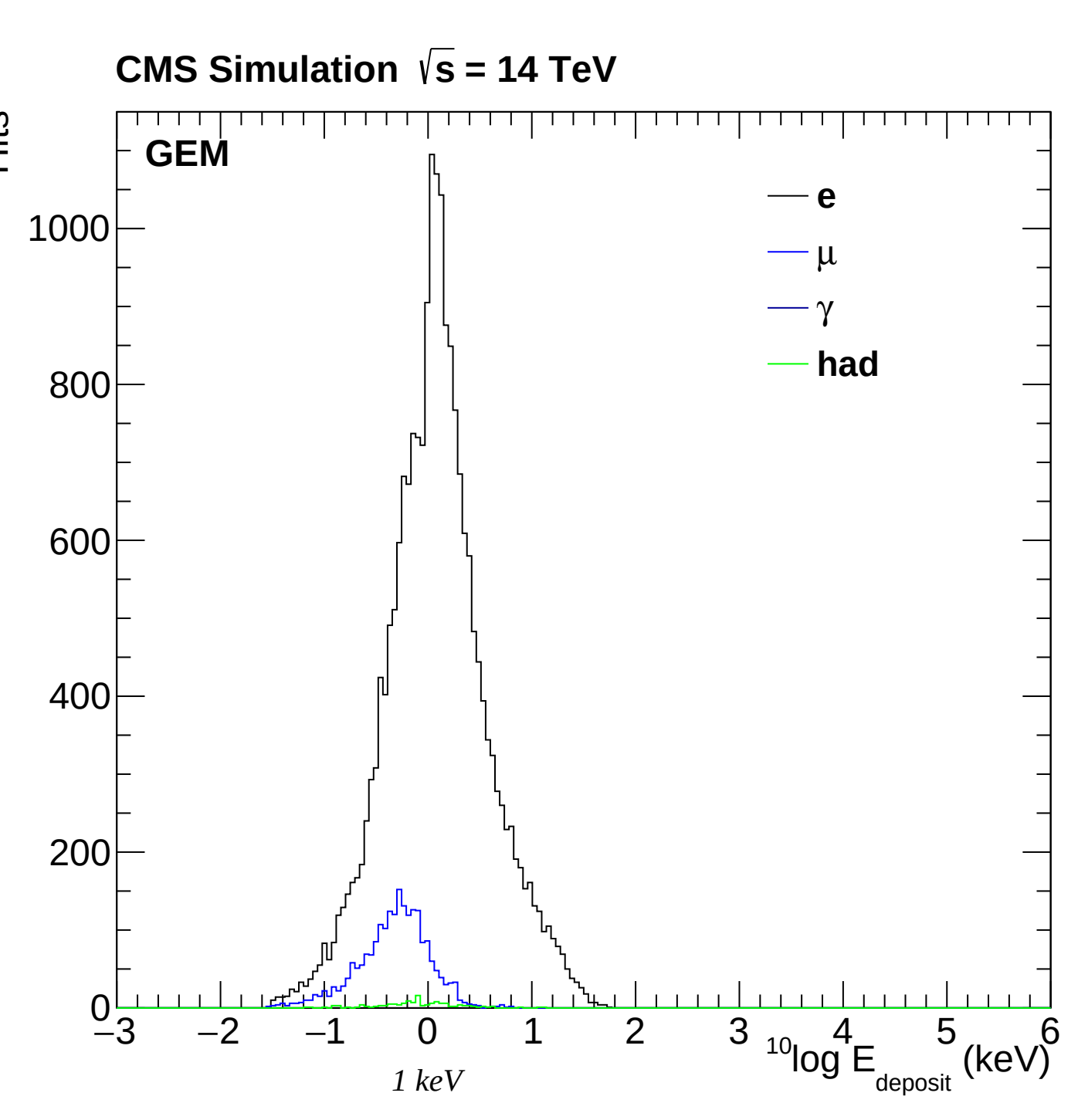

CMS Simulation √s = 14 TeV
ME0
particle type:
e
μ
γ
π^±
p
Nuclei
max simulation time = 10s
neutron background
prompt and decay
1 ms
250 ns
1 MeV
10log TOF (ns)
10log E kin (MeV)
12
10
8
6
4
2
−4
−3
−2
−1
0
1
2
3
4
5

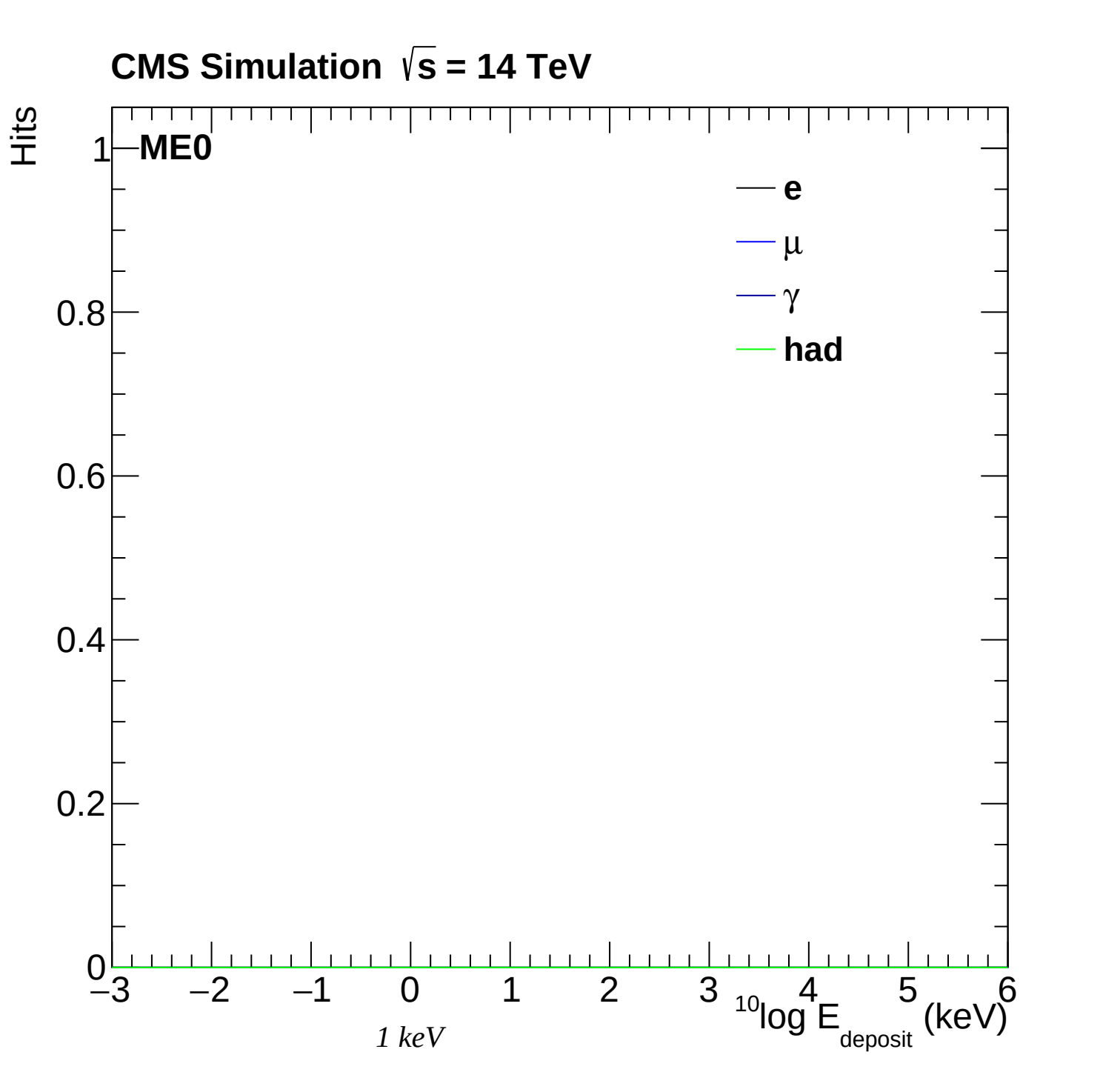

CMS Simulation √s = 14 TeV
GEM
particle type:
e
μ
γ
π^±
p
Nuclei
max simulation time = 10s
1 ms
250 ns
neutron background
prompt and decay
10log TOF (ns)
10log E deposit (keV)
12
10
8
6
4
2
−3
−2
−1
0
1
2
3
4
5
6

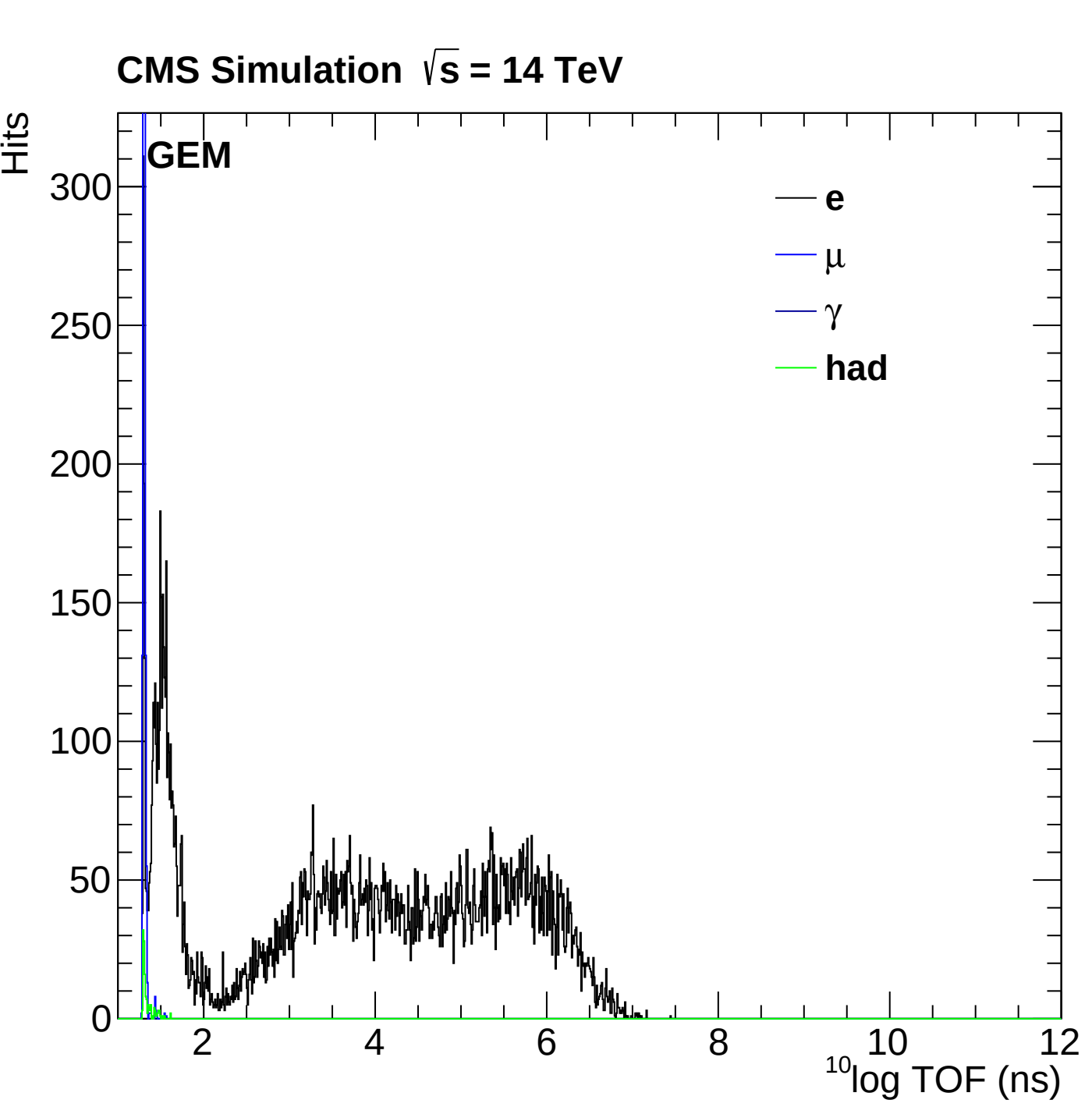

CMS Simulation √s = 14 TeV
ME0
particle type:
e
μ
γ
π^±
p
Nuclei
max simulation time = 10s
neutron background
prompt and decay
1 ms
250 ns
10log TOF (ns)
10log E deposit (keV)
12
10
8
6
4
2
−3
−2
−1
0
1
2
3
4
5
6

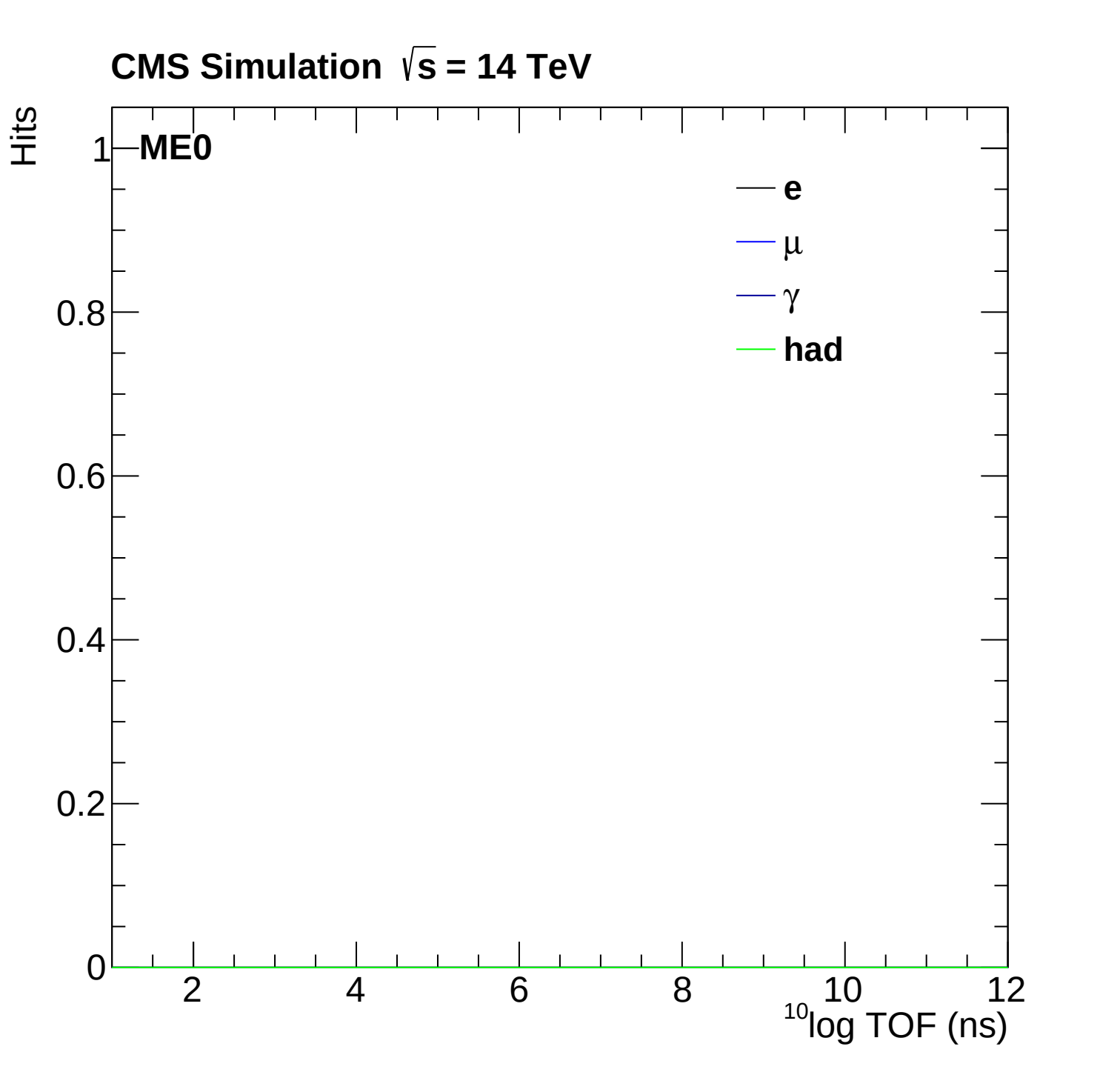

CMS Simulation √s = 14 TeV
GEM
particle type:
e
μ
γ
π^±
p
Nuclei
10log E deposit (keV)
10log E kin (MeV)
6
5
4
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3
4
5


CMS Simulation √s = 14 TeV
ME0
particle type:
e
μ
γ
π^±
p
Nuclei
10log E deposit (keV)
10log E kin (MeV)
6
5
4
3
2
1
0
−1
−2
−3
−4
−3
−2
−1
0
1
2
3
4
5


CMS Simulation √s = 14 TeV
GEM
e
μ
γ
had
1000
800
600
400
200
0
−3
−2
−1
0
1
2
3
4
5
6
10log E deposit (keV)
1 keV


CMS Simulation √s = 14 TeV
ME0
e
μ
γ
had
Hits
1
0.8
0.6
0.4
0.2
0
−3
−2
−1
0
1
2
3
4
5
6
10log E deposit (keV)
1 keV


CMS Simulation √s = 14 TeV
GEM
Hits
300
250
200
150
100
50
0
2
4
6
8
10
12
10log TOF (ns)
e
μ
γ
had


CMS Simulation √s = 14 TeV
Hits
ME0
e
μ
γ
had
1
0.8
0.6
0.4
0.2
0
2
4
6
8
10
12
10log TOF (ns)