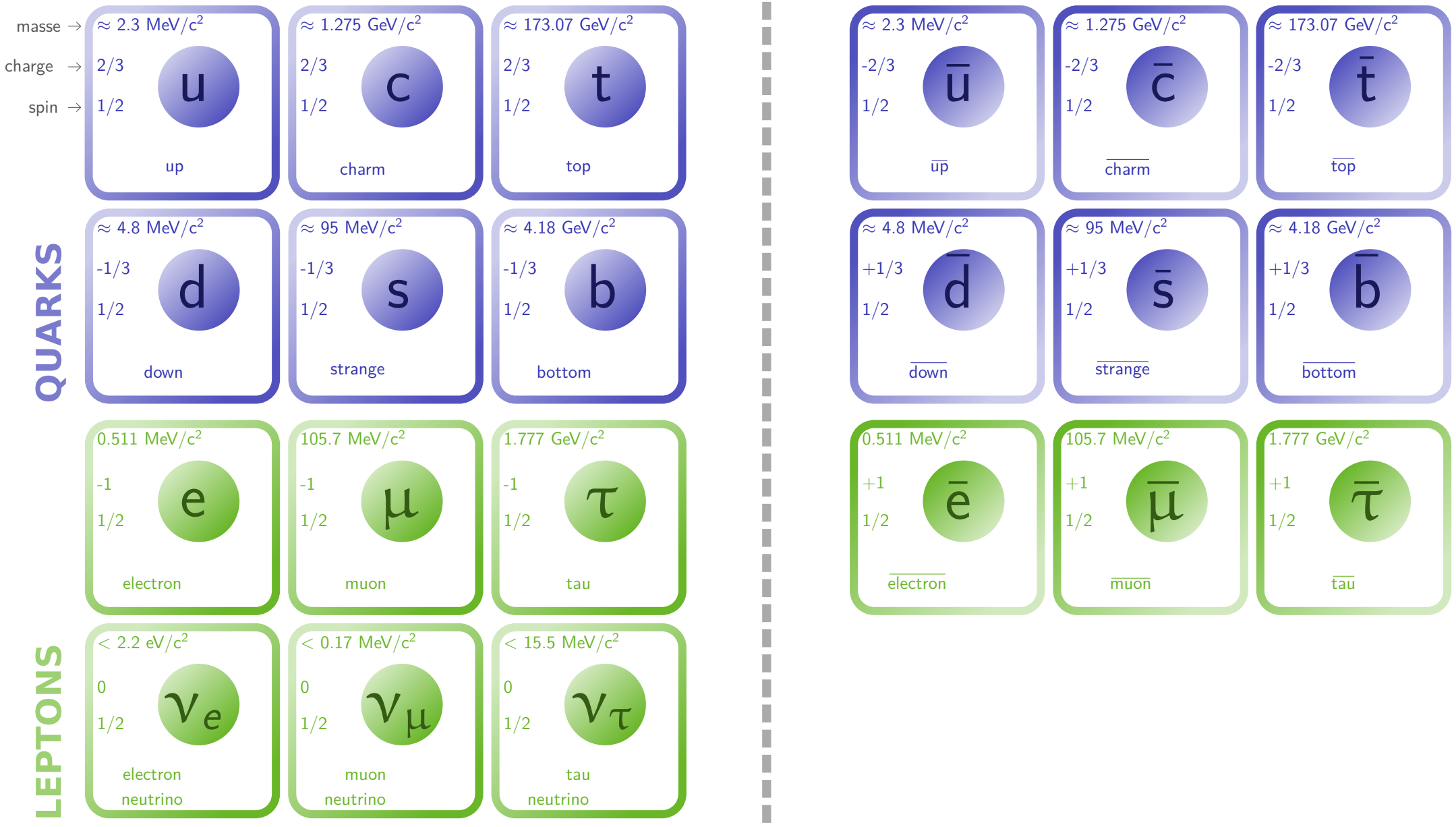
masse →
charge →
spin →
QUARKS
LEPTONS
≈ 2.3 MeV/c²
2/3
1/2
u
up
≈ 1.275 GeV/c²
2/3
1/2
c
charm
≈ 173.07 GeV/c²
2/3
1/2
t
top
≈ 4.8 MeV/c²
-1/3
1/2
d
down
≈ 95 MeV/c²
-1/3
1/2
s
strange
≈ 4.18 GeV/c²
-1/3
1/2
b
bottom
0.511 MeV/c²
-1
1/2
e
electron
105.7 MeV/c²
-1
1/2
μ
muon
1.777 GeV/c²
-1
1/2
τ
tau
< 2.2 eV/c²
0
1/2
νe
electron neutrino
< 0.17 MeV/c²
0
1/2
νμ
muon neutrino
< 15.5 MeV/c²
0
1/2
ντ
tau neutrino
≈ 2.3 MeV/c²
-2/3
1/2
ū
up
≈ 1.275 GeV/c²
-2/3
1/2
c̄
charm
≈ 173.07 GeV/c²
-2/3
1/2
t̄
top
≈ 4.8 MeV/c²
+1/3
1/2
d̄
down
≈ 95 MeV/c²
+1/3
1/2
s̄
strange
≈ 4.18 GeV/c²
+1/3
1/2
b̄
bottom
0.511 MeV/c²
+1
1/2
ē
electron
105.7 MeV/c²
+1
1/2
μ̄
muon
1.777 GeV/c²
+1
1/2
τ̄
tau