Standard Model of Elementary Particles

three generations of matter (fermions)

interactions / force carriers (bosons)

mass = 2.2 MeV/c²
charge spin 1/2 U

up

≃1.28 GeV/c²
²/₃
½

C

charm

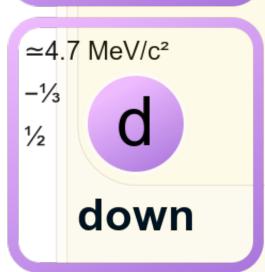
≃173.1 GeV/c²
²/₃
½

top

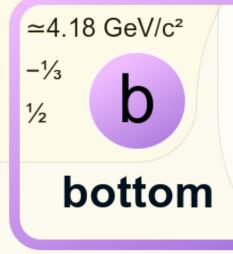
Ш

o o gluon ≃124.97 GeV/c²
0
H
higgs

QUARKS











BOSONS

