Standard Model of Elementary Particles

three generations of matter (fermions)

interactions / force carriers (bosons)

mass ~2.2 MeV/c² charge spin 1/2 U

≃1.28 GeV/c²

2/3
1/2

Charm

~173.1 GeV/c²

2/3
1/2

top

Ш

0 0 1 **G** gluon 2124.97 GeV/c²

H

higgs

QUARKS





























