STANDARD MODEL OF ELEMENTARY PARTICLES (D4)

Zo Boson

91.19 GeV 0 W* Boson

80.38 GeV

W- W- Boson

80.38 GeV -1 1

ons Scalar Bosons	125.25 GeV
Elementary Bosons auge Scal	700
Elemel Gauge Bosons	Oluon Oluon

ntary Fer	mions.	Element	ary Antif	ermions
	Que	ırks		
=	≡	-	=	≡
	172.69 GeV		1.27 GeV -2/,	172.69 GeV -2/,
	*		۱ ،	/ ₂
Charm	- Top	Antiup	ر Anticharm	Antitop
93.4 MeV	4.18 GeV	4.67 MeV	93.4 MeV	4.18 GeV
/ _/ / ₃	1/3	۲۱ ٪ ۶	۱ ۷ % ، ، ،	ک ا ''
Strange	Bottom	Antidown	Antistrange	Antibottom
	II 1.27 GeV % % C Charm Charm % % Strange	Aua	Charm Char	Clarks

Key:

Elementary Particle Representation:

Particle Symbol
Particle Name

- 1 Invariant Mass, m, in GeV/c², MeV/c² and eV/c² (Units Simplified on Diagram)
- 2 Electric Charge, Q, in Elementary Charge Units
- **3** Spin, s

Sources:

- Invariant Mass, 1^[1]
- Electric Charge, 2^[1]
- Spin, 3^[1]
- Particle Symbol^[1]
- Particle Name^[1]