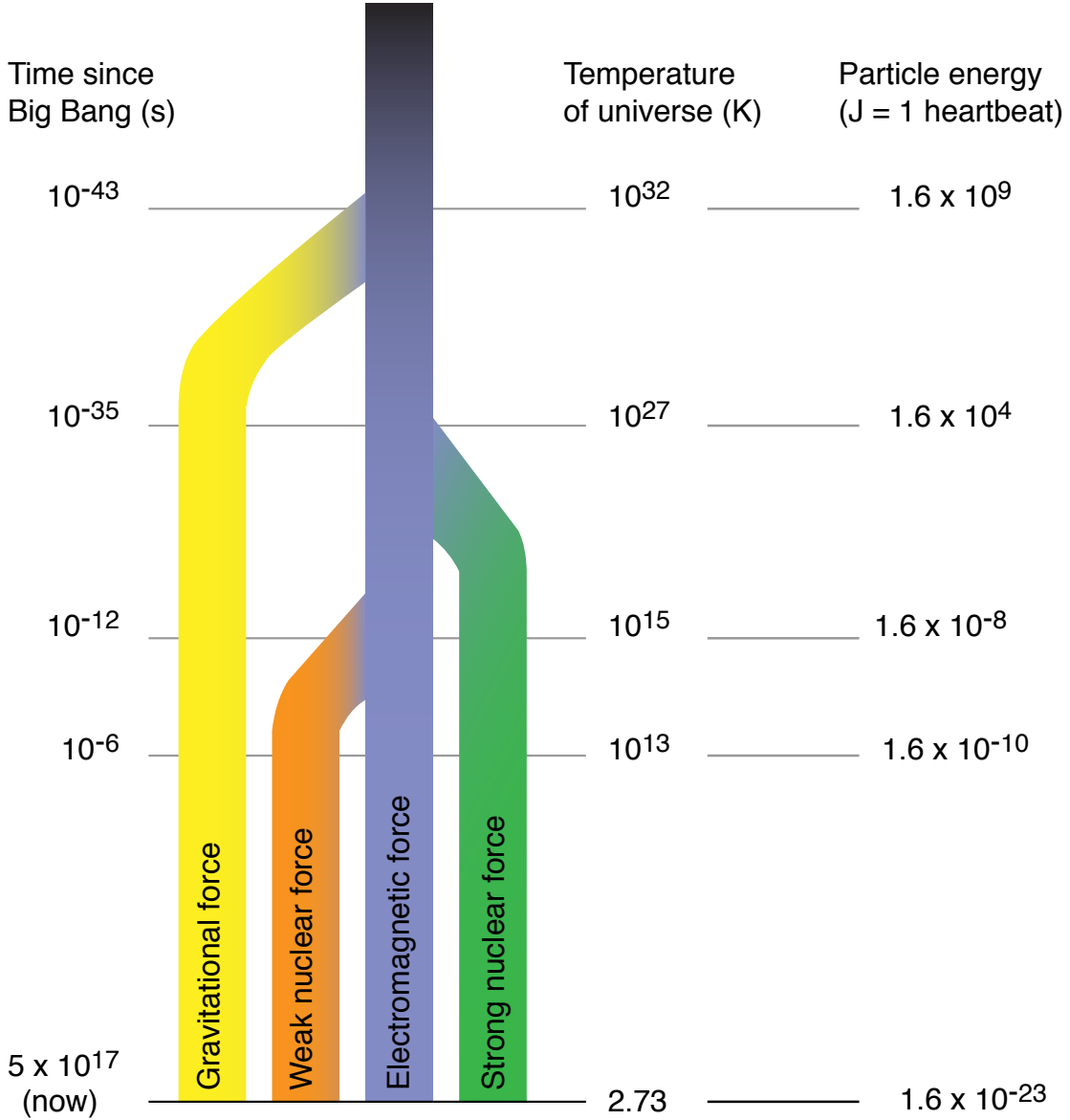
Time since
Big Bang (s)
Temperature
of universe (K)
Particle energy
(J = 1 heartbeat)
10-43
10-35
10-12
10-6
5 x 1017
(now)
1032
1027
1015
1013
2.73
1.6 x 109
1.6 x 104
1.6 x 10-8
1.6 x 10-10
1.6 x 10-23
Gravitational force
Weak nuclear force
Electromagnetic force
Strong nuclear force