

Table of Isotopes (1999)

Z=0-28 Part 1 of 2

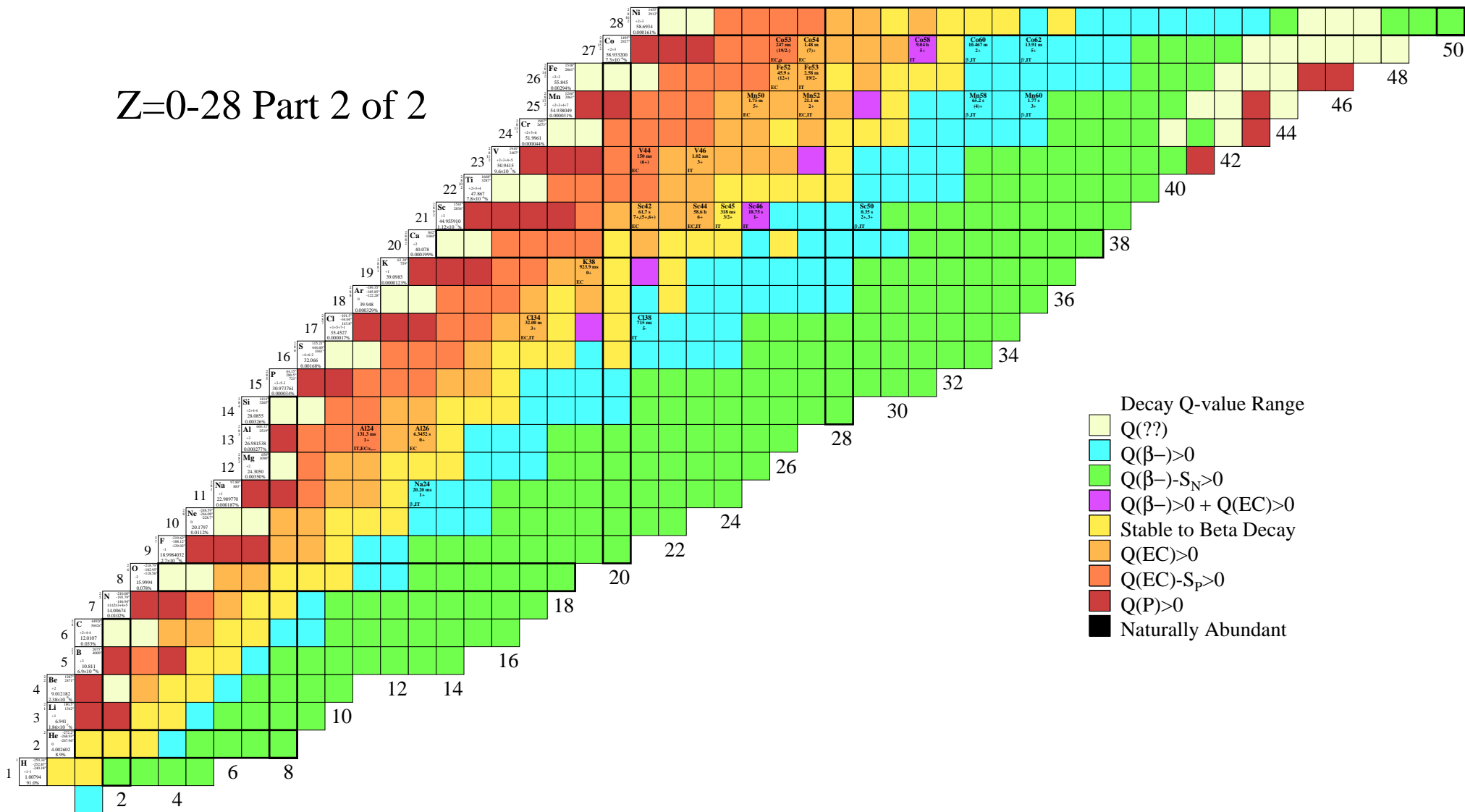
The table displays isotopes for elements with atomic number Z from 0 to 28. Each cell contains the following information:

- Element symbol and atomic number (Z)
- Mass number (A)
- Decay mode (e.g., EC, β⁻, β⁺, α, p, n, etc.)
- Half-life (t_{1/2})
- Decay energy (Q-value)

 The cells are color-coded based on the decay Q-value range, as defined in the legend.

- Decay Q-value Range
- Q(??)
 - Q(β⁻)>0
 - Q(β⁻)-S_N>0
 - Q(β⁻)>0 + Q(EC)>0
 - Stable to Beta Decay
 - Q(EC)>0
 - Q(EC)-S_p>0
 - Q(P)>0
 - Naturally Abundant

Z=0-28 Part 2 of 2



- Decay Q-value Range
- Q(??)
 - $Q(\beta^-) > 0$
 - $Q(\beta^-) - S_N > 0$
 - $Q(\beta^-) > 0 + Q(\text{EC}) > 0$
 - Stable to Beta Decay
 - $Q(\text{EC}) > 0$
 - $Q(\text{EC}) - S_p > 0$
 - $Q(\text{P}) > 0$
 - Naturally Abundant