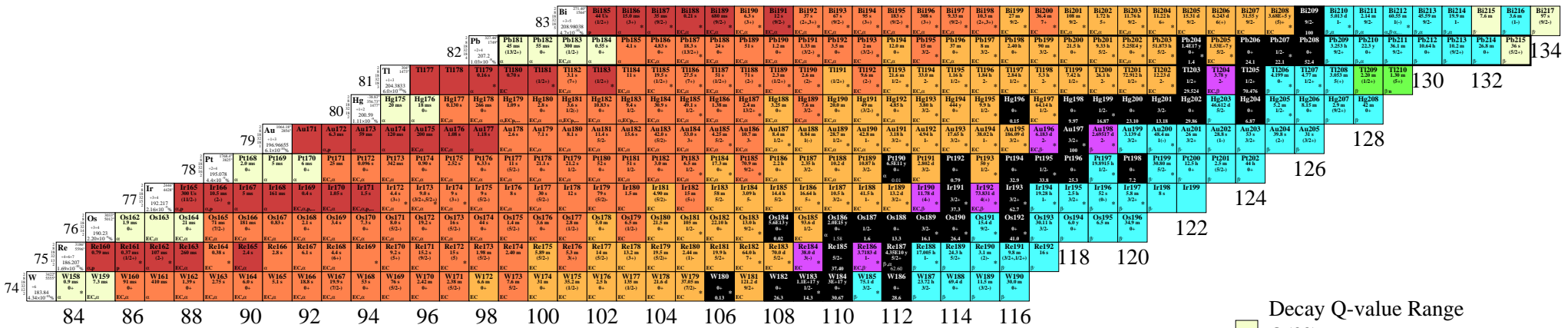
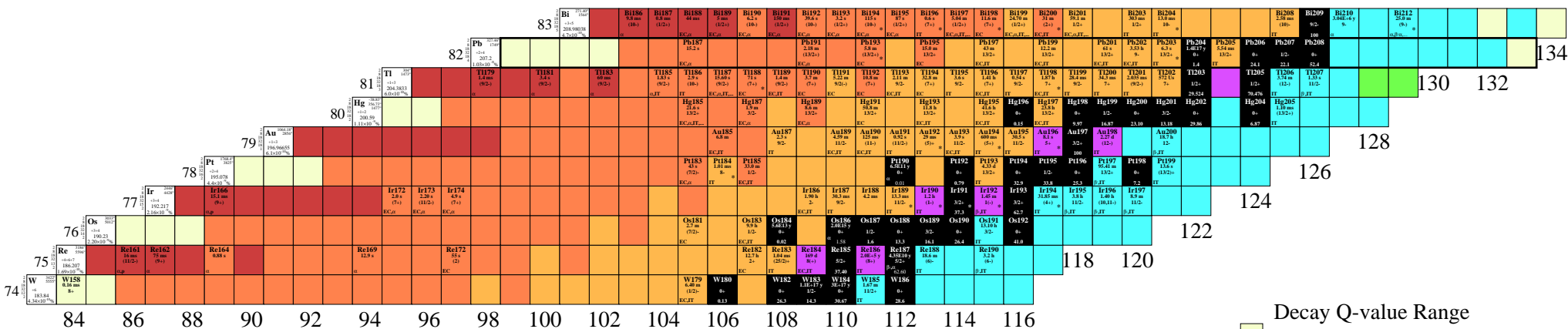


# Z=74-83 Part 1 of 3



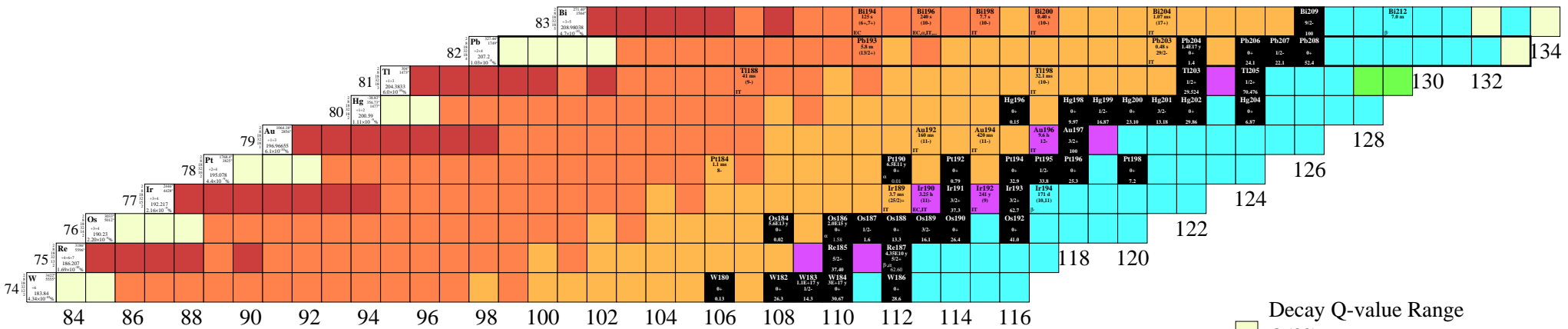
- Decay Q-value Range
- Q(?)
  - Q( $\beta^-$ )>0
  - Q( $\beta^-$ )- $S_N$ >0
  - Q( $\beta^-$ )>0 + Q(EC)>0
  - Stable to Beta Decay
  - Q(EC)>0
  - Q(EC)- $S_p$ >0
  - Q(P)>0
  - Naturally Abundant

# Z=74-83 Part 2 of 3



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

# Z=74-83 Part 3 of 3



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