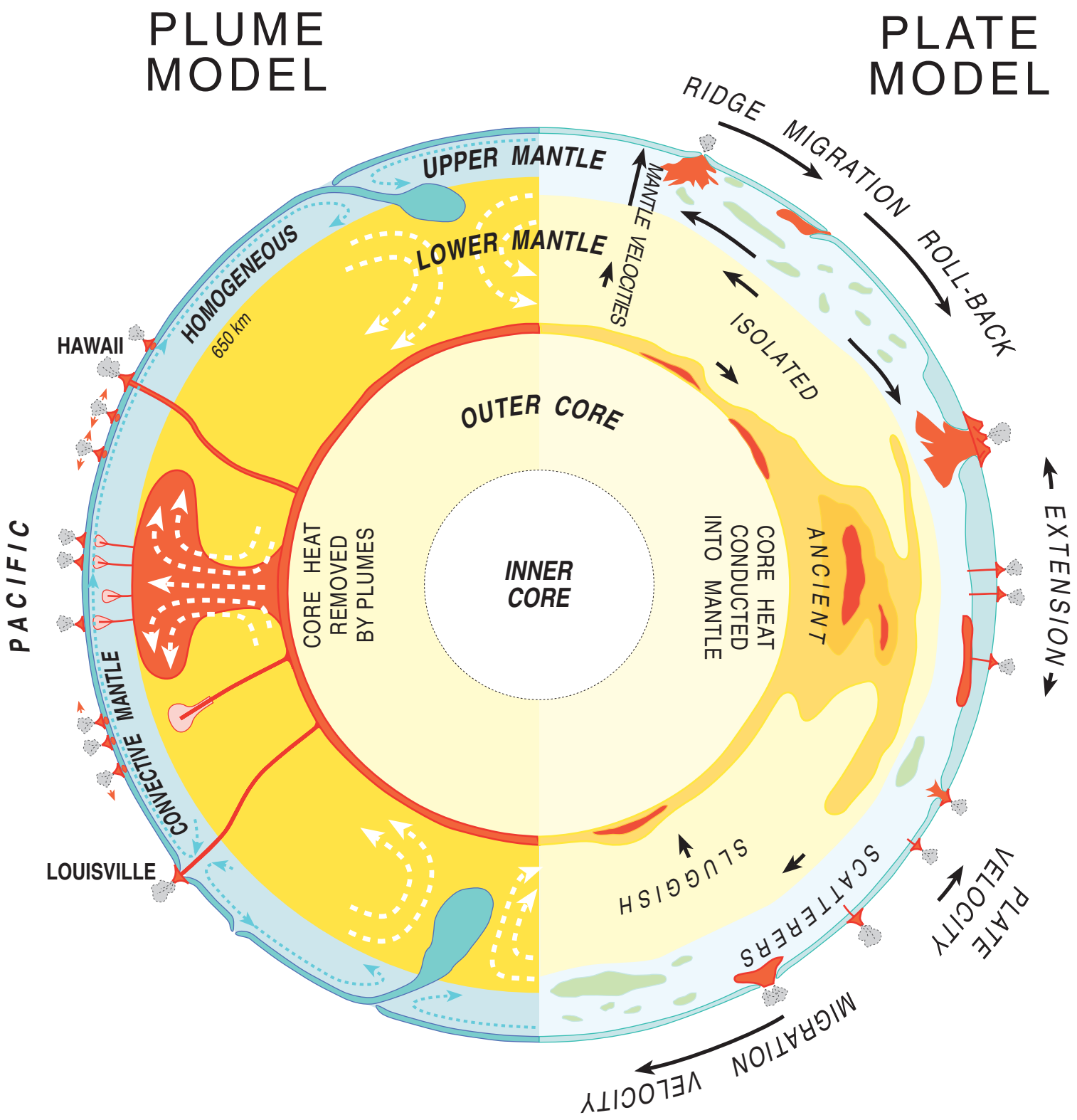
PLUME MODEL
PLATE MODEL
UPPER MANTLE
LOWER MANTLE
HOMOGENEOUS
650 km
HAWAII
LOUISVILLE
PACIFIC
CONVECTIVE MANTLE
OUTER CORE
INNER CORE
CORE HEAT REMOVED BY PLUMES
CORE HEAT CONDUCTED INTO MANTLE
ANCIENT
MANTLE VELOCITIES
ISOLATED
SLUGGISH
SCATTERERS
RIDGE MIGRATION
ROLL-BACK
EXTENSION
PLATE VELOCITY
MIGRATION VELOCITY