

Process

Pre-impact
interior evolution

Collision

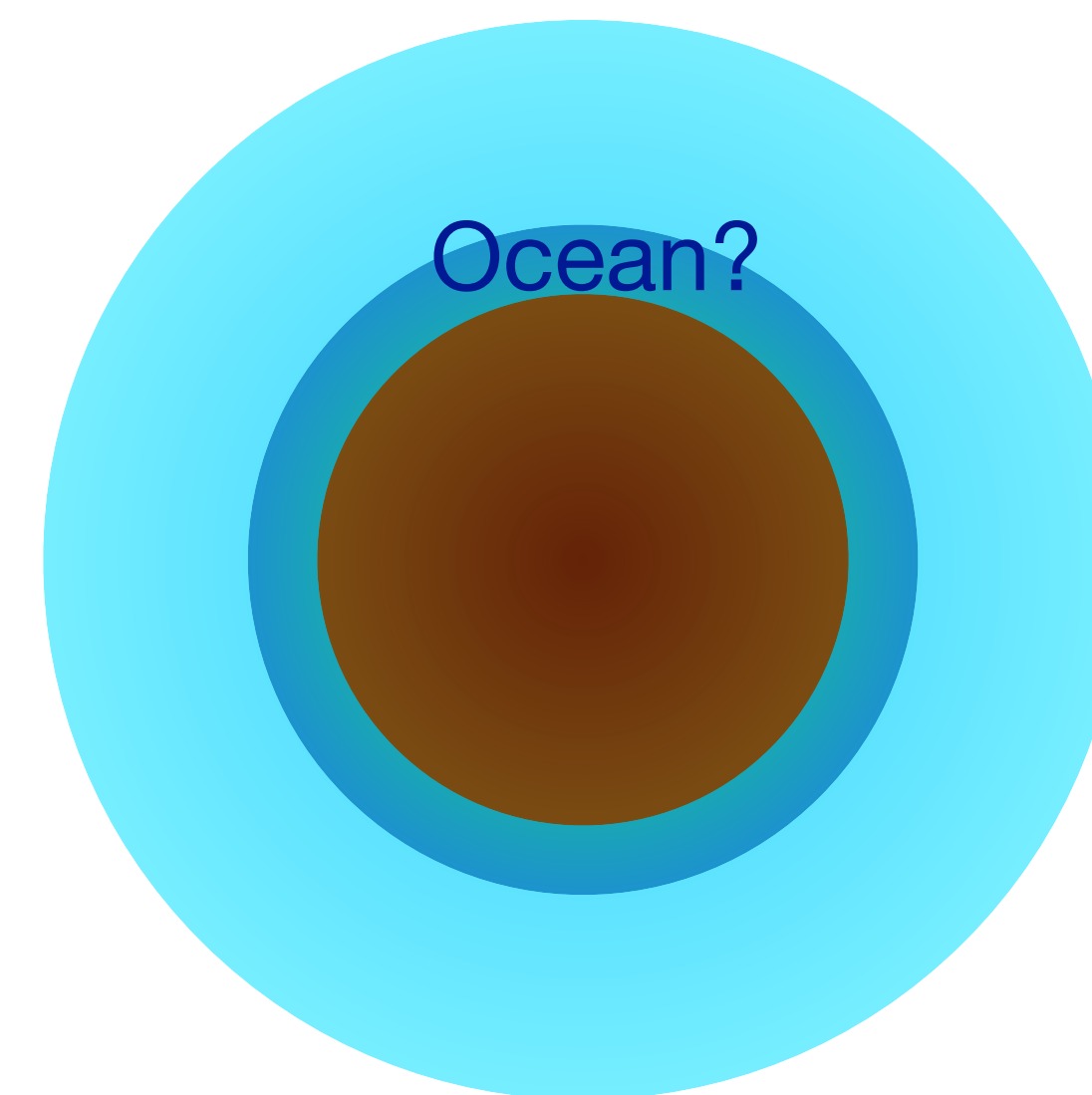
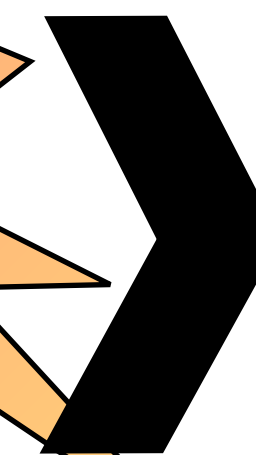
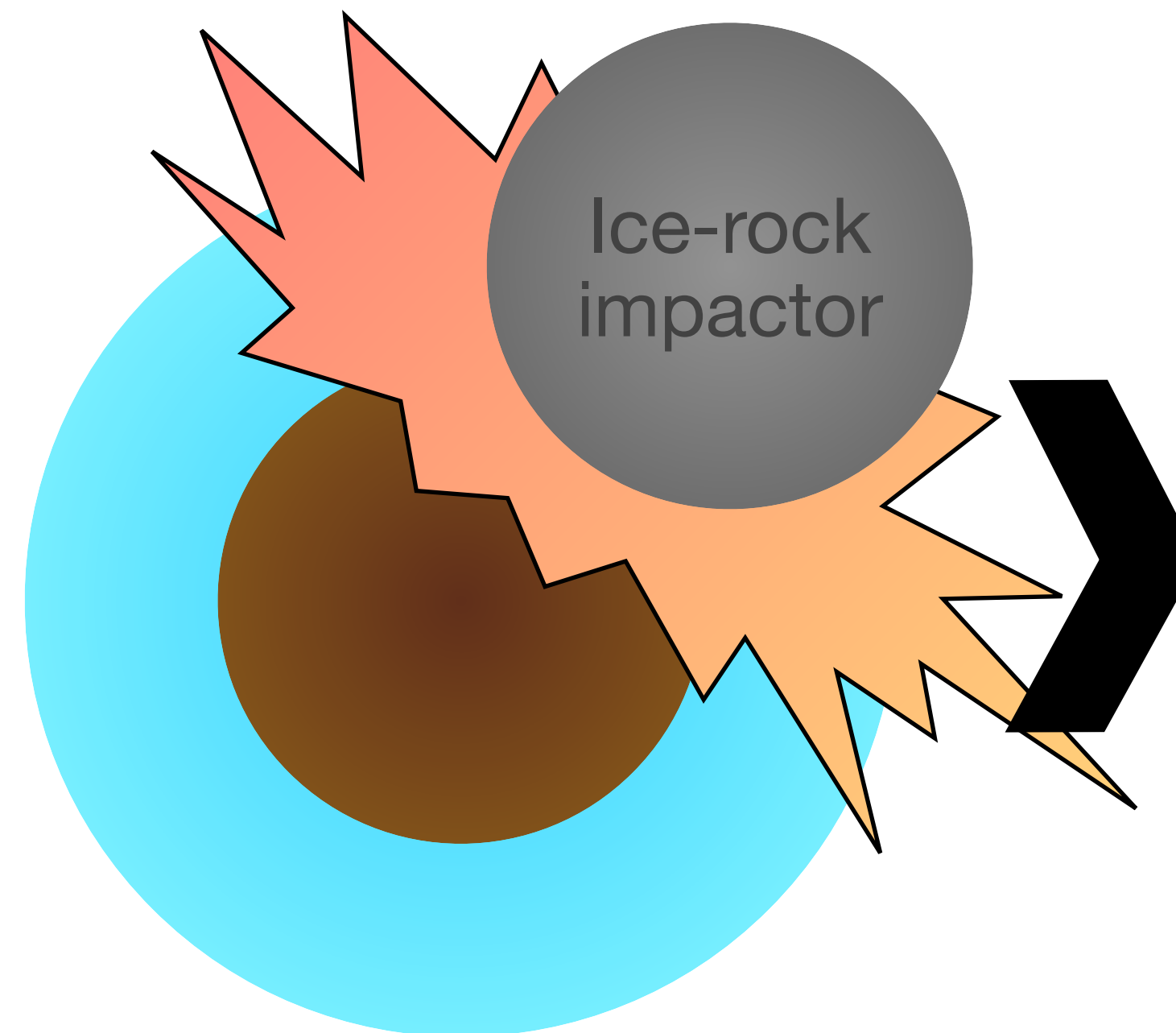
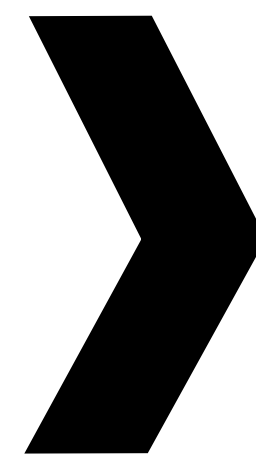
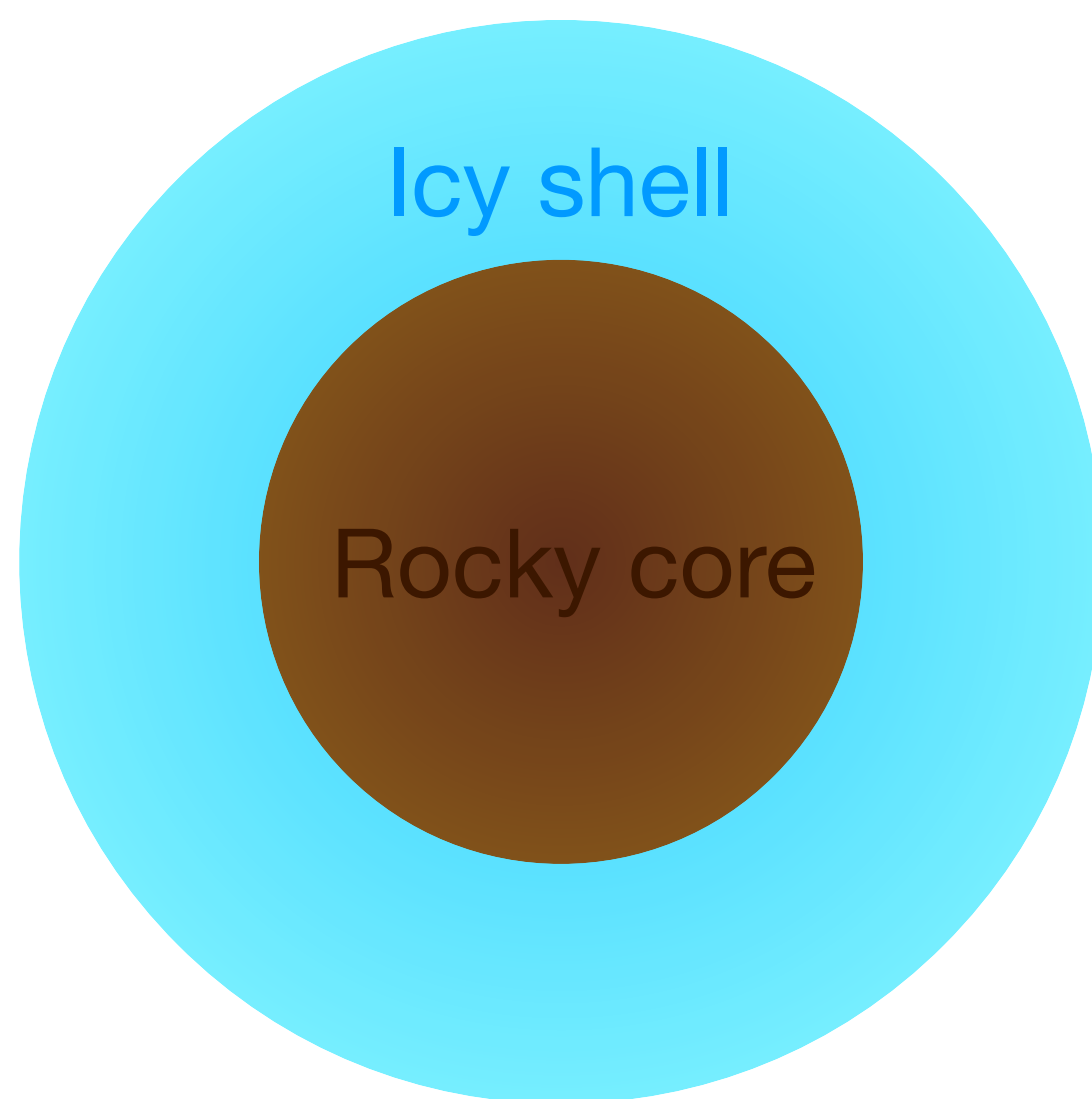
Post-impact
interior evolution

Model

IcyDwarf

SPH

IcyDwarf



Output

Notional thermal profile
+ state of differentiation
at time of collision

Thermal profile + structure of
largest remnant after 24 to 48h

Interior structure over
geologic time