

A Aqueous alteration in meteorites

Non-carbonaceous reservoir (NC)

Carbonaceous reservoir (CC)

CR

CO

CI

CM

Tagish Lake

CV

OC

B Simulation

Water phase in planetesimals

Hydrous rock, $T_{\text{hydr}} \leq T_{\text{max}} < T_{\text{decomp}}$

Water ice, $T_{\text{max}} < T_{\text{hydr}}$

Reservoir I

Reservoir II

Fraction of final planetesimal population (vol%)

0.1

0.2

0.3

0.5

0.7

1

2

3

4

5

6

Time after CAIs, Δt_{CAI} (Myr)