test_160907_1709

Competition

Growth

Core Concentration (Wt%)

Rock
Sim

Final Radius (cm)

$\Delta r_{sim}/\Delta r_{rock}$

V%$_{sim/rock}$

Relative nucleation time

Simulated growth rate

Crystals (%)

Rock
Sim

Core Concentration (Wt%)

Volumetric rate (cm^3/Myr)

×10^{-4}

First
Middle
Last

Time (Myr)

Measured garnet zoning profile

Calculated rock-wide concentration

Concentration

Measured
Spline fit (5-pt smoothing)

Radius (cm)

Concentration

Simulation
Spline fit (5-pt smoothing)

Time (Myr)

Crystal sizes: PM3_Petra_EPMA_radii_formatted_as_int.txt
Core-rim Grt zoning file: PetraPM3_PM3.74.195417_right.txt
Core concentrations and radii: PetraPM3_RadiusVsCoreMnOMeasured.txt