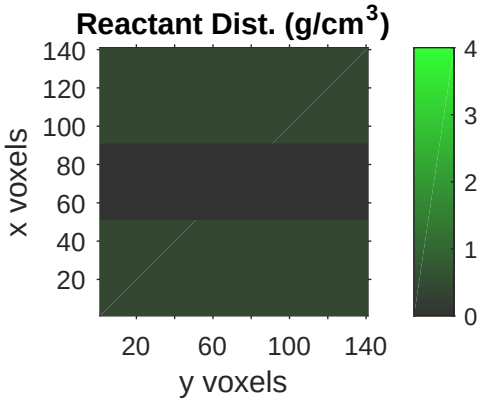
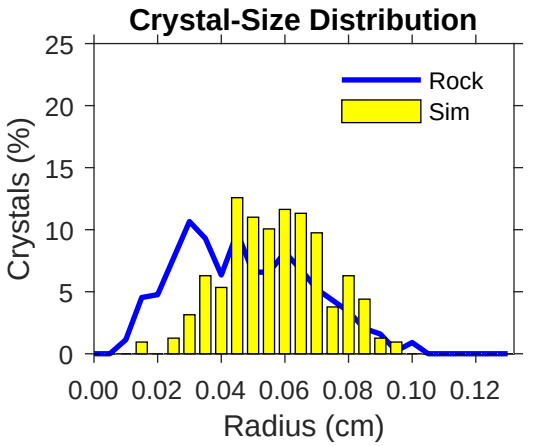
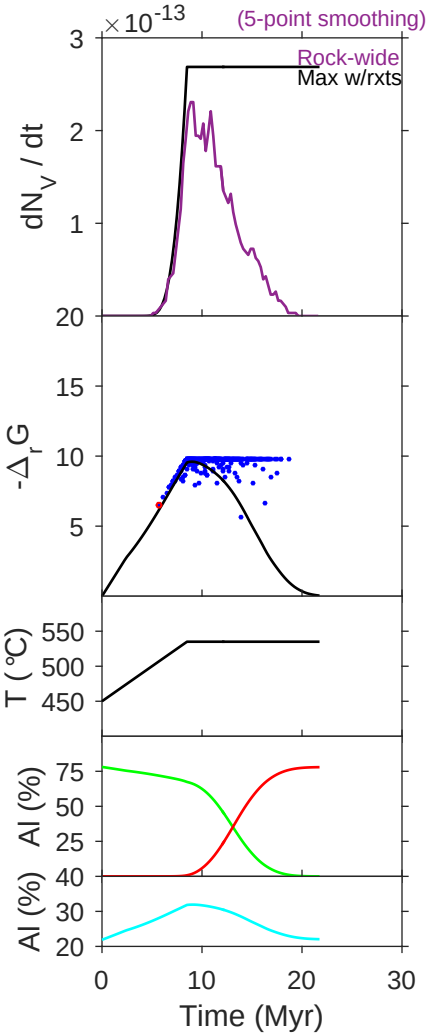
test

test_160907_1709







	Simulation	Rock
N, total crystals:	318	441
N_{max}, specified maximum number of xtls:	0	
ND, xtl num density (xtls/cm^3):	41	26
t_{dur}, xtlzn duration (my):	12.3[a]	10
T_{eq}, equil T of rxn (°C):	450	435
T_{over}, therm overstep (°C):	57	
T_{95}, T at 95% Al in prod (°C):	535[a]	535
r_{min}, min radius (cm):	0.013	0.011
r_{mean}, mean radius (cm):	0.057	0.047
r_{max}, max radius (cm):	0.096	0.101
Mode (vol%):	3.9	1.6
Max mode, specified (ppb vol%):	0.0	
D_{inf} (cm^2/s):	2.00e-06	
$[Al]_{fl}$ in eq w/products (mol/cm^3):	5.60e-07	
ϕ, porosity:	7.00e+02	
τ, tortuosity:	1.00e+00	
Q_D (kJ/mol):	140	
$D = D_{inf}\ \phi\ \tau\ e^{(-Q_D/RT)}$ (m^2/s): (at T_c, 528 °C and 7.8 Myr)[a]	1.03e-16[a]	
k_1, $(dN/dt)_{steady\text{-}state}$ (nucl/cm^3/s):	7.00e-12	
$(dN/dt)_{max}$ (nucl/cm^3/s):	2.69e-13	
k_2, nucl acceleration:	1.00e+00	
A_1, first nucl affinity (kJ/mol):	6.5	
A_{max}, max nucl affinity (kJ/mol):	9.8	
$A_{max\ mean}$, max mean affinity (kJ/mol):	9.6	
Time step (y):	2000	
Reporting interval (y):	2.50e+05	

[a]Determined at nearest reporting interval