

Fig. 1: Initialisation density (left) and temperature profiles (right)

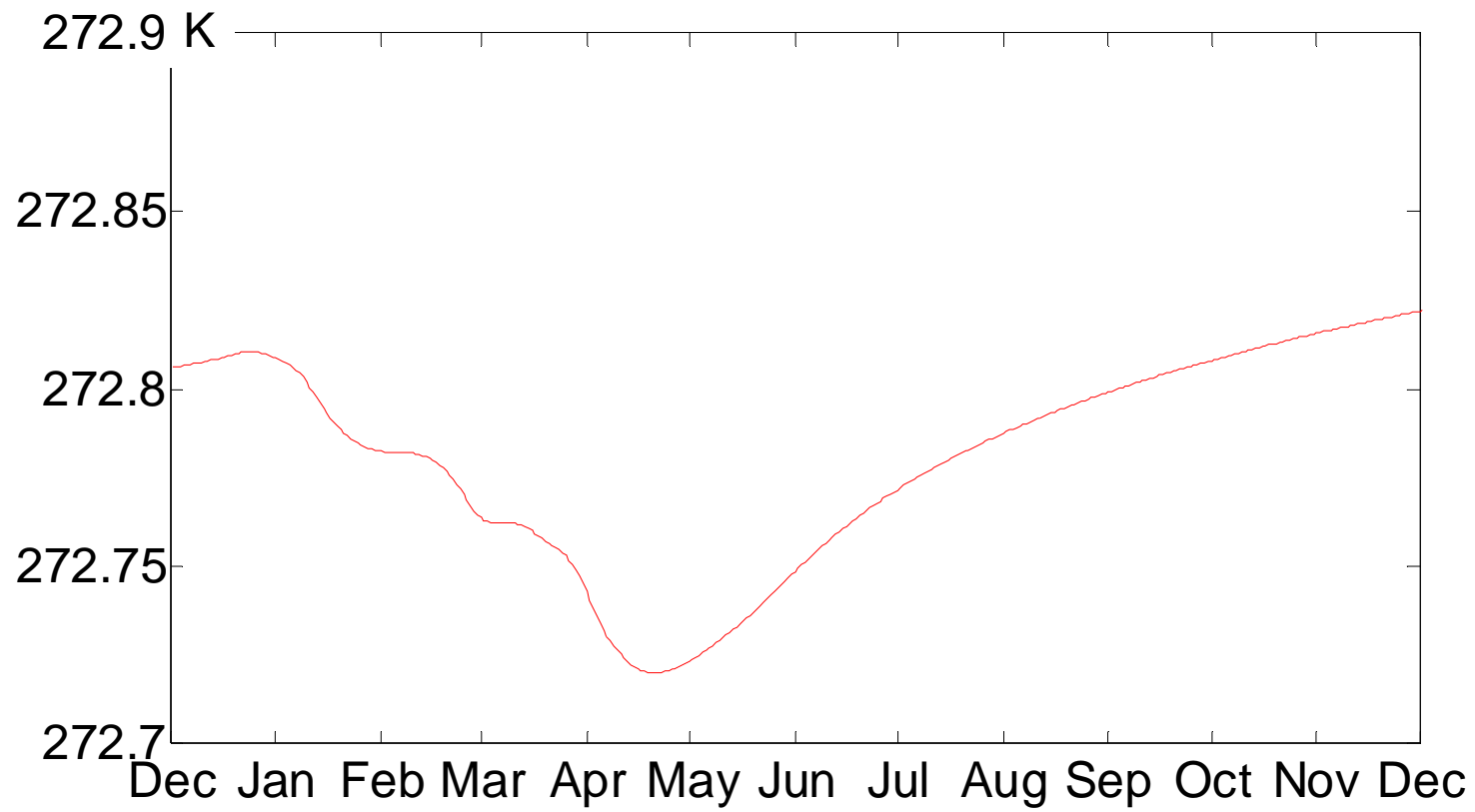


Fig.2: Temperature at the ice-rock interface

Tab.1: results for simulations using different grid resolution

NR	SHF	LHF	GHF	dE/dt	dH/dt
1.007	-0.157	-0.168	0.097	0.781	-0.034 Wm ⁻² (147 nodes)
1.015	-0.156	-0.165	0.096	0.788	-0.032 Wm ⁻² (57 nodes)

Tab. 2: Results for simulations using different temperature initialisation

NR	SHF	LHF	GHF	dE/dt	dH/dt
1.00	-0.16	-0.17	0.07	0.74	-0.034 (reference run)
1.01	-0.16	-0.17	0.08	0.77	-0.034 (constant rock temperature)