**Data for Crystals Grown in SEM Lab (70pa Runs)**

**7/24/2023**

| Case 1.1 |  |  |
| --- | --- | --- |
| 70pa |
| -34.5°C |
| 2:12 |
| K1 = 0.076  K2 = 0.140 |
| Prismatic |
| Growth |

| Case 1.2 |  |  |
| --- | --- | --- |
| 70pa |
| -32.6°C |
| 4:07 |
| K1 = 0.076  K2 = 0.151  K3 = 0.227 |
| Prismatic |
| Growth |

| Case 1.3 |  |  |
| --- | --- | --- |
| 70pa |
| -30.6°C |
| 6:28 |
| K1 = 0.059 |
| Prismatic |
| Growth |

| Case 1.4 |  |  |
| --- | --- | --- |
| 70pa |
| -28°C |
| 8:25 |
| K1 = 0.088  K2 = 0.150  K3 = 0.201 |
| Prismatic |
| Equilibrium? |

| Case 1.5 |  |  |
| --- | --- | --- |
| 80pa |
| -26.9°C |
| 10:30 |
| K1 = 0.059  K2 = 0.112 |
| Prismatic |
| Ablation |

| Case 1.5 |  |  |
| --- | --- | --- |
| 80pa |
| -26.9°C |
| 10:30 |
| K1 = 0.059  K2 = 0.112 |
| Prismatic |
| Ablation |

| Case 2.1 |  |  |
| --- | --- | --- |
| 70pa |
| -36.3°C |
| 2:20 |
| K1 = 0.069  K2 = 0.207 |
| Prismatic |
| Growth |

| Case 2.2 |  |  |
| --- | --- | --- |
| 70pa |
| -34.5°C |
| 4:16 |
| K1 = 0.070  K2 = 0.205 |
| Prismatic |
| Growth |

| Case 2.3 |  |  |
| --- | --- | --- |
| 70pa |
| -32.6°C |
| 6:20 |
| K1 = 0.073  K2 = 0.118  K3 = 0.185  K4 = 0.287 |
| Prismatic |
| Growth |

| Case 2.4 |  |  |
| --- | --- | --- |
| 70pa |
| -32.5°C |
| 8:40 |
| K1 = 0.075  K2 = 0.196 |
| Prismatic |
| Growth |

| Case 2.5 |  |  |
| --- | --- | --- |
| 70pa |
| -30.5°C |
| 10:20 |
| k1 = 0.076  k2 = 0.192  k3 = 0.276 |
| Prismatic |
| Equilibrium? |

| Case 2.6 |  |  |
| --- | --- | --- |
| 80pa |
| -28.7°C |
| 12:30 |
| K1 = 0.078 |
| Prismatic |
| Equilibrium? |

| Case 2.7 |  |  |
| --- | --- | --- |
| 80pa |
| -27°C |
| 14:40 |
| k1 = 0.079  k2 = 0.116  k3 = 0.187 |
| Prismatic |
| Ablation |

| Case 2.8 |  |  |
| --- | --- | --- |
| 80pa |
| -30.3°C |
| 16:50 |
| K1 = 0.117  K2 = 0.174  K3 = 0.196 |
| Prismatic |
| Equilibrium? |

**7/25/2023**

| Case 1.1 |  |  |
| --- | --- | --- |
| 70pa |
| -36.4°C |
| 2:00 |
| K1 = 0.068  K2 = 0.206  K3 = 0.237 |
| Prismatic |
| Growth |

| Case 1.2 |  |  |
| --- | --- | --- |
| 70pa |
| -34.6°C |
| 4:04 |
| K1 = 0.061  K2 = 0.193 |
| Prismatic |
| Growth |

| Case 1.3 |  |  |
| --- | --- | --- |
| 70pa |
| -32.7°C |
| 6:11 |
| K1 = 0.089  K2 = 0.179 |
| Prismatic |
| Growth |

| Case 1.4 |  |  |
| --- | --- | --- |
| 80pa |
| -30.6°C |
| 8:30 |
| K1 = 0.107  K2 = 0.185  K3 = 0.214  K4 = 0.269 |
| Prismatic |
| Equilibrium? |

| Case 1.5 |  |  |
| --- | --- | --- |
| 80pa |
| -28.8°C |
| 10:51 |
| K1 = 0.106  K2 = 0.153  K3 = 0.181  K4 = 0.263 |
| Prismatic |
| Equilibrium |

| Case 1.6 |  |  |
| --- | --- | --- |
| 80pa |
| -27°C |
| 12:50 |
| K1 = 0.106  K2 = 0.153  K3 = 0.181  K4 = 0.208 |
| Prismatic |
| Ablation |

| Case 1.7 |  |  |
| --- | --- | --- |
| 70pa |
| -27°C |
| 14:50 |
| K1 = 0.089  K2 = 0.294  K3 = 0.323 |
| Prismatic |
| Ablation |

| Case 1.8 |  |  |
| --- | --- | --- |
| 60pa |
| -28.7°C |
| 17:00 |
| K1 = 0.059  K2 = 0.121 |
| Prismatic |
| Ablation |