

**Table S1** Obtained volumes and densities of solid Sn.

Run No.	T [K]	V [cm <sup>3</sup> ]	$\rho$ [g/cm <sup>3</sup> ]	error [g/cm <sup>3</sup> ]
AK11 (M=112.65 mg)*	285	0.01546	7.289	0.013
	315	0.01548	7.278	0.013
	365	0.01555	7.243	0.013
	417	0.01560	7.219	0.013
	465	0.01566	7.194	0.013
	475	0.01567	7.189	0.013
	485	0.01568	7.182	0.013
	490	0.01573	7.162	0.013
	495	0.01575	7.152	0.013
	500	0.01577	7.144	0.013
	505	0.01579	7.134	0.013
AK14 (M=88.68 mg)*	300	0.01219	7.278	0.015
	323	0.01220	7.267	0.016
	333	0.01221	7.264	0.013
	343	0.01222	7.259	0.014
	353	0.01223	7.251	0.013
	363	0.01223	7.249	0.013
	373	0.01224	7.241	0.015
	383	0.01225	7.238	0.013
	393	0.01226	7.234	0.013
	408	0.01227	7.227	0.013
	413	0.01228	7.221	0.013
	423	0.01228	7.219	0.013
	428	0.01229	7.215	0.013
	433	0.01229	7.215	0.016
	438	0.01230	7.211	0.013
	443	0.01230	7.210	0.013
	448	0.01230	7.206	0.013
	453	0.01231	7.204	0.013
	458	0.01231	7.202	0.013
	463	0.01232	7.199	0.013
	468	0.01232	7.197	0.013
	473	0.01232	7.195	0.013
	474	0.01233	7.194	0.013
	475	0.01233	7.193	0.013
	476	0.01233	7.193	0.013
	477	0.01233	7.193	0.013
	478	0.01233	7.192	0.013
	479	0.01233	7.192	0.013
	480	0.01233	7.192	0.013
	481	0.01233	7.192	0.013
	482	0.01233	7.191	0.013
	483	0.01233	7.191	0.013
	484	0.01233	7.191	0.013
	485	0.01233	7.190	0.013
	486	0.01233	7.190	0.013
	487	0.01234	7.189	0.013
	488	0.01234	7.188	0.013
	489	0.01234	7.186	0.013
	490	0.01234	7.186	0.013
	491	0.01234	7.185	0.013
	492	0.01235	7.184	0.013
	493	0.01235	7.184	0.013
	494	0.01236	7.179	0.013
	495	0.01237	7.171	0.013
	496	0.01238	7.164	0.013
	497	0.01238	7.165	0.013
	498	0.01239	7.159	0.013
	499	0.01240	7.155	0.013
	500	0.01240	7.153	0.013
	501	0.01241	7.151	0.014
	502	0.01242	7.149	0.015
	503	0.01242	7.146	0.016
	504	0.01243	7.142	0.014
	505	0.01243	7.142	0.014

\*M is measured initial mass.