Erik Oerter erikjoerter@gmail.com LLNL-JRNL-773024

U3O8				30% RH			60% RH			90% RH		
Date	Day of Exp	Day of TWW	Temp	Cal_d18O	Cal_d2H	Mass Loss %	Cal_d18O	Cal_d2H	Mass Loss %	Cal_d18O	Cal_d2H	Mass Loss %
20180201	0		105	-20.88	-92.97	1.0083	-20.88	-92.97	1.0083	-20.88	-92.97	1.0083
20180201	0		105	-21.34	-92.55	1.04	-21.34	-92.55	1.04	-21.34	-92.55	1.04
20180202	1		105	-19.15	-83.48	0.9973	-17.14	-60.8	1.0191	-16.86	-60.7	1.0033
20180202	1		105	-16.45	-58.54	1.0416	-18.09	-70.32	1.0187	-16.71	-58.88	1.0377
20180203	2		105	-16.18	-54.59	1.0201	-16.54	-66.59	0.9975	-14.44	-44.12	1.013
20180203	2		105	-14.76	-53.29	0.9729	-16.08	-58.86	1.0295	-14.69	-41.25	1.0371
20180206	5		105	-13.13	-45.72	0.9807	-14.6	-43.52	0.9939	-17.73	-65.9	1.0349
20180206	5		105	-14.36	-40.5	1.0155	-14.97	-47.38	1.0105	-14.63	-51.02	1.0098
20180209	8		105	-15.96	-53.51	1.005	-16.93	-60.05	1.0287	-18	-69.06	1.021
20180209	8		105	-15.45	-53.62	0.9945	-16.25	-54.15	1.0289	-16.12	-52.73	1.0683
20180212	11		105	-13.56	-36.86	1.0023	-14.84	-40.12	1.0188	-15.11	-44.35	1.0495
20180212	11		105	-15.25	-43.21	1.0148	-14.14	-36.02	1.0005	-17.6	-67.42	1.0343
20180216	15		105	-15.06	-42	1.0162	-12.97	-36.88	1.0233	-13.43	-42.29	1.0605
20180216	15		105	-13.26	-34.99	1.0127	-15.46	-51.53	0.996	-11.8	-33.36	1.0433
2180221	20		105	-13.28	-29.43	1.0056	-16.71	-54.92	1.007	-12.54	-35.84	1.0678
2180221	20		105	-14.27	-35.78	1.025	-14.09	-36.01	1.0218	-12.38	-32.38	1.0614
20180302	29		105	-13.4	-37.21	0.991	-13.45	-39.03	1.0012	-14.23	-40.5	1.0874
20180302	29		105	-12.52	-33.55	1.0239	-14.06	-38.81	1.0492	-13.85	-39.02	1.0994
20180313	40		105	-14.96	-44.25	1.0148	-15.33	-46.09	1.0065	-14.56	-44.23	1.1239
20180313	40		105	-15.64	-44.62	1.0125	-14.88	-41.02	1.0085	-15.88	-50.55	1.1164
20180323	50		105	-14.56	-43.04	0.9914	-17.94	-64.17	1.0114	-15.53	-41.69	1.1745
20180323	50		105	-16.11	-51.26	0.9595	-16.73	-50.19	1.028	-14.3	-33.79	1.1427
20180401	59		105	-14.25	-40.8	1.0172	-15.97	-49.77	1.0249	-13.93	-37.8	1.158
20180401	59		105	-14.51	-40.02	1.0304	-16.07	-51.42	1.018	-15.22	-49.19	1.1797
20180412	70		105	-14.44	-29.73	1.0231	-17.14	-56.92	0.9975	-14.05	-36.4	1.1882
20180412	70		105	-14.52	-34.3	1.024	-17.53	-58.9	0.9979	-14.75	-34.9	1.2566
20180420	78		105	-16.34	-47.69	1.0181	-14.28	-36.94	0.9944	-16.13	-39.66	1.2812
20180420	78		105	-16.49	-46.41	0.9937	-19.65	-69.27	1.0609	-17.59	-56.41	1.2539
20180503	90		105	-14.99	-43.43	1.0583	-16.6	-61.74	1.0295	-15.92	-53.15	1.2493
20180503	90		105	-15.32	-43.56	1.0401	-17.52	-68.99	1.0593	-15.18	-47.25	1.2467
20180514	90	0	105	-15.16	-43.49	1.0492	-17.06	-65.37	1.0444	-15.55	-50.2	1.248

20180515	91	1	105	-20.65	-105.61	0.9898	-20.9	-90.37	1.02	-22.04	-122.79	1.27
20180516	92	2	105	-24.17	-137.25	1.0375	-19.7	-105.36	0.9943	-22.15	-128.47	1.2769
20180518	94	4	105	-20.85	-107.9	1.0106	-19.35	-88.84	1.0352	-20.52	-98.06	1.3421
20180521	97	7	105	-20.1	-87.22	1.0679	-20.06	-103.72	0.9843	-23.62	-112.92	1.259
20180524	100	10	105	-18.48	-107.06	0.9511	-18.47	-80.28	1.0459	-19.84	-113.44	1.2577
20180529	105	15	105	-19.7	-108.58	0.993	-21.85	-124.65	1.015	-19.07	-89.33	1.3157
20180604	111	21	105	-19.37	-90.41	1.0349	-19.53	-104.34	0.992	-20.65	-101.08	1.4073
20180614	120	30	105	-19.74	-95.58	1.0349	-19.13	-97.92	1.0139	-20.08	-97.49	1.3466
20180709	146	56	105	-21.32	-119.5	1.0107	-20.42	-117.78	0.9898	-21.71	-120.33	1.3523
20180723	160	70	105	-18.36	-91.58	1.0201	-21.39	-119.46	0.9849	-20.57	-109.36	1.4346
20180813	180	90	105	-19.95	-109.24	1.0229	-19.54	-103.77	0.997	-21.44	-113.69	1.4109

U3O8			30% RH			60% RH			90% RH		
Date	Day of Exp	Temp	Cal_d18O	Cal_d2H	Mass Loss %	Cal_d18O	Cal_d2H	Mass Loss %	Cal_d18O	Cal_d2H	Mass Loss %
20180201	0	350	-12.44	-102.87	0.7465	-12.44	-102.87	0.7465	-12.44	-102.87	0.7465
20180201	0	350	-12.91	-101.38	0.8271	-12.91	-101.38	0.8271	-12.91	-101.38	0.8271
20180202	1	350	-12.8	-101.13	0.7394	-12.47	-79.73	0.7608	-12.46	-78.42	0.7277
20180202	1	350	-11.9	-73.92	0.7507	-12.34	-89.36	0.7476	-12.36	-77.55	0.767
20180203	2	350	-12.03	-71.1	0.7421	-12.93	-89.25	0.7541	-11.46	-62.74	0.7403
20180203	2	350	-12.69	-75.01	0.7423	-12.5	-79.57	0.7631	-11.42	-58.44	0.7647
20180206	5	350	-12.19	-60.05	0.821	-11.66	-60.96	0.7258	-12.34	-80.36	0.7785
20180206	5	350	-12.95	-71.43	0.7709	-12.04	-65.72	0.7436	-11.8	-69.38	0.7639
20180209	8	350	-11.67	-70.92	0.7616	-12.29	-76.01	0.7609	-11.51	-82.27	0.7552
20180209	8	350	-11.94	-74.08	0.7419	-11.99	-70.59	0.759	-12.05	-67.47	0.8277
20180212	11	350	-11.58	-56.21	0.7576	-11.33	-53.36	0.7479	-11.01	-54.14	0.7752
20180212	11	350	-11.47	-57.2	0.7404	-11.21	-50.51	0.7403	-11.32	-79.83	0.7717
20180216	15	350	-11.44	-52.29	0.751	-10.67	-52.26	0.7665	-9.54	-56.23	0.7745
20180216	15	350	-10.92	-51.26	0.7607	-10.76	-66.11	0.7462	-9.25	-49.1	0.7679
2180221	20	350	-10.61	-45.83	0.7505	-11.08	-68.53	0.7509	-10.2	-49.9	0.8093
2180221	20	350	-10.4	-50.95	0.7439	-10.7	-49.82	0.7717	-9.56	-46.74	0.7966
20180302	29	350	-10.42	-53.98	0.7271	-10.22	-55.11	0.7237	-9.11	-51.38	0.7673
20180302	29	350	-10.12	-53.13	0.7483	-10.36	-52.37	0.7488	-9.39	-51.14	0.7799
20180313	40	350	-11.21	-61.34	0.7341	-11.39	-61.38	0.7301	-9.66	-61.71	0.8045
20180313	40	350	-10.91	-58.6	0.7265	-10.89	-56.16	0.7228	-9.64	-65.63	0.7929
20180323	50	350	-11.3	-60.92	0.7275	-11.64	-78.41	0.7393	-9.16	-51.61	0.8253
20180323	50	350	-11.5	-67.87	0.7073	-10.65	-63.13	0.7347	-9.11	-42.76	0.8068
20180401	59	350	-11.12	-56.71	0.7411	-10.78	-62.08	0.7331	-9.08	-49.11	0.8251
20180401	59	350	-10.92	-54.21	0.7473	-11.06	-64.58	0.7295	-9.38	-62.35	0.8452
20180412	70	350	-10.05	-45.19	0.7325	-10.95	-73.66	0.7254	-8.64	-51.06	0.8539
20180412	70	350	-10.8	-50.65	0.7442	-10.95	-75.24	0.7198	-8.63	-45.66	0.8911
20180420	78	350	-11.54	-68.15	0.7448	-11.54	-59.56	0.7281	-9.3	-53.07	0.9038
20180420	78	350	-12.03	-66.46	0.7245	-12.14	-85.31	0.7587	-9.76	-71.38	0.8949
20180503	90	350	-9.62	-58.17	0.7602	-11	-76.26	0.7482	-8.06	-64.33	0.8857
20180503	90	350	-10.47	-57.32	0.747	-10.93	-82.39	0.7576	-8.19	-58.37	0.8891
20180514	0	350	-10.04	-57.74	0.7536	-10.96	-79.33	0.7529	-8.13	-61.35	0.89

20180515	1	350	-12.27	-118.37	0.7198	-12.38	-99.64	0.73	-9.83	-132.7	0.9
20180516	2	350	-13.19	-148.34	0.7597	-12.74	-122.08	0.7362	-10.3	-139.68	0.918
20180518	4	350	-12.77	-121	0.7369	-12.65	-103.27	0.7555	-9.91	-107.92	0.9544
20180521	7	350	-12.07	-99.56	0.7718	-12.81	-118.55	0.731	-10.41	-119.67	0.9035
20180524	10	350	-12.43	-124.81	0.7278	-11.69	-94.46	0.7604	-10.41	-126.47	0.9307
20180529	15	350	-12.12	-125.64	0.7371	-13.06	-138.75	0.7487	-10.29	-101.21	0.9476
20180604	21	350	-12.24	-105.21	0.754	-13	-121.7	0.7416	-10.41	-110.92	1.0134
20180614	30	350	-12.23	-109.73	0.7548	-12.5	-115.35	0.7562	-9.61	-108.95	0.965
20180709	56	350	-12.69	-134.62	0.7489	-12.27	-135.98	0.7361	-10.08	-132.78	0.9781
20180723	70	350	-10.69	-108.33	0.7509	-12.78	-134.41	0.7314	-9.49	-119.21	1.0417
20180813	90	350	-10.46	-122.95	0.7477	-11.35	-118.34	0.7277	-9.04	-122.97	1.0108