Log Sheet

124401 S. MBP-H2CO coding to 150 K 22-Jun-15 124266 22-Jun-15 124260 On.012 277.78 220-Jun-15 124260 S. MBP-H2CO coding to 150 K 22-Jun-15 124260 On.012 277.78 220-Jun-15 124260 S. MBP-H2CO coding to 150 K 22-Jun-15 124264 S. MBP-H2CO coding to 150 K 22-Jun-15 124265 22-Jun-15 124260 S. MBP-H2CO coding to 150 K 22-Jun-15 124267 S. MBP-H2CO coding to 150 K 22-Jun-15 124260 S. MBP-H2CO to K 22-Jun-15 124260 S	6.999 1.22701E 6.998 1.22666E 2.367 4.0668E 0.933 4.03079E 8.931 4.02418E 9.435 4.0055E 2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 0.999 3.86682E 0.001 3.87025E 0.998 1.04337E 0.998 1.16068E 0.004 1.16177E 150 1.1620E 0.002 1.1620E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08622E 6.998 4.09066E 6.998 4.09766E 6.998 4.09766E 6.998 1.36574E 6.000 1.3519E 6.4779 1.344E	E+07 6816.7 6E+07 6814.74 6E+06 6777.86 6E+06 6717.84 6E+06 6706.82 6E+06 6675.7 6E+06 6692.66 6E+06 6547.41 6E+06 6547.41 6E+06 6484.13 6E+06 6440.19 6E+06 6440.19 6E+06 6450.29 6E+06 6446.12 7E+06 6439.54 6E+07 6454.26 6E+07 6454.36 6E+07 6454.46 6E+07 6454.35 6E+06 2262.82 6E+06 2262.82 6E+06 2270.11 6E+06 2270.37 6E+06 2270.37 6E+06 2276.47 6E+06 2276.47 6E+06 2253.11	478003 478211 477546 477752 479482 479482 479558 477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43252E+06 1.43351E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43204E+06	795.122 795.083 796.655 797.002 795.894 796.237 799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752 795.574	295 295 295 295 295 295 295 295 295 295	-1443 -1443
129401 S. MBP-H20 conting to 150 K 22-Jun-15 124266 22-Jun-15 1234200 00.0012 227-738 220	6.998 1.22666E 2.367 4.0668E 0.933 4.03079E 8.931 4.02418E 9.435 4.0055E 2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 9.999 3.86682E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16206E 0.002 1.16206E 0.002 1.16206E 0.002 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 6.998 1.36574E 5.089 1.3519E 4.779 1.344E	8E+07 6814.74 8E+06 6777.86 8E+06 6717.84 8E+06 6706.82 8E+06 6602.66 8E+06 6547.41 8E+06 6547.41 8E+06 6444.13 8E+06 6440.19 8E+06 6440.19 8E+06 6440.29 8E+06 6446.12 8E+06 6450.29 8E+06 6439.54 8E+07 6451.17 8E+07 6454.26 8E+07 6455.86 8E+07 6455.86 8E+07 6455.86 8E+08 2262.82 8E+08 2270.11 8E+08 2270.37 8E+08 2270.37 8E+08 2270.37 8E+08 2272.58 8E+08 2276.48	1.43116E+06 478003 478211 477546 477752 479482 479558 477304 476898 477891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43252E+06 1.43351E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43204E+06	795.083 796.655 797.002 795.894 796.237 799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443
128400 S. MSP-H2O cooling to 150 K 2-Jun-15 13:15:20 20:00:17 287.788 248.	2.367	8E+06 6777.86 8E+06 6717.84 8E+06 6706.82 8E+06 6602.66 8E+06 6547.41 8E+06 6510.14 8E+06 6484.13 8E+06 6440.19 8E+06 6440.19 8E+06 6440.29 8E+06 6446.12 7E+06 6450.29 8E+06 6450.29 8E+06 6450.29 8E+06 6450.29 8E+06 6450.29 8E+06 6450.29 8E+06 6450.35 8E+07 6451.17 8E+07 6454.46 8E+07 6455.86 8E+07 6455.86 8E+07 6455.86 8E+06 2262.82 8E+06 2262.82 8E+06 2270.11 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37	478003 478211 477546 477752 479482 479482 479558 477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43252E+06 1.43351E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43204E+06	796.655 797.002 795.894 796.237 799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443
12449 S. MBP+H2O cooling to 150 K 22-Jun-15 103255 22-Jun-15 1034514 22-Jun-	0.933 4.03079E 8.931 4.02418E 9.435 4.0055E 2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 9.999 3.86682E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08622E 6.998 4.09766E 6.998 4.09766E 6.998 1.3519E 4.779 1.344E	8E+06 6717.84 8E+06 6706.82 8E+06 6675.7 8E+06 6602.66 8E+06 6547.41 8E+06 6510.14 8E+06 6484.13 8E+06 6440.19 8E+06 6440.19 8E+06 6440.29 8E+06 6450.29 8E+06 6446.12 7E+06 6439.54 8E+07 6448.17 7E+07 6454.26 8E+07 6451.17 8E+07 6454.26 8E+07 6451.17 8E+07 6454.26 8E+07 6451.17 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6455.86 8E+08 2262.82 8E+06 2262.82 8E+06 2270.11 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37 8E+06 2276.48	478211 477546 477752 479482 479482 479558 477304 476898 4774891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43252E+06 1.43351E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	797.002 795.894 796.237 799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443
12400 S. MBPH-PQ cooling to 150 K 22-Jun-15 133355 22-Jun-15 134-615 800.012 298.082 198.	8.931 4.02418E 9.435 4.0055E 2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 0.001 3.87025E 0.998 1.04337E 0.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 8.13397E 0.002 8.13397E 0.002 8.13397E 0.003 4.07609E 0.004 4.08669E 0.004 4.08669E 0.005 4.08669E 0.006 4.08669E 0.007 4.09066E 0.008 4.09066E 0.098 4.09766E 0.098 4.09766E 0.098 4.09766E 0.098 1.3519E 0.099 1.344E	8E+06 6706.82 6E+06 6675.7 8E+06 6602.66 8E+06 6547.41 8E+06 6510.14 8E+06 6484.13 8E+06 6440.19 8E+06 6440.19 8E+06 6440.29 8E+06 6450.29 8E+06 6446.12 7E+06 6439.54 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+07 6454.26 8E+08 2262.82 8E+08 2262.82 8E+06 2262.82 8E+06 2270.11 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37 8E+06 2270.37	477546 477752 479482 479482 479558 477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43252E+06 1.43351E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	795.894 796.237 799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443
12446 S. M8P-H2O cooling to 150 K 22-Jun-16 1805-09 22-Jun-16 140501 500.012 209.01 160.013 124.000	2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 0.001 3.87025E 0.998 1.04337E 0.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 6.998 4.09766E 6.998 4.09766E 6.998 1.36574E 6.998 1.36574E 6.998 1.36574E	8E+06 6602.66 8E+06 6547.41 8E+06 6510.14 8E+06 6484.13 8E+06 6464.55 8E+06 6440.19 8E+06 6433.01 8E+06 6450.29 8E+06 6446.12 8E+06 6439.54 8E+07 6454.26 8E+07 6454.26 8E+07 6454.36 8E+07 6456.35 8E+06 2262.82 8E+06 2262.82 8E+06 2270.11 8E+06 2270.37 8E+06 2270.37 8E+06 2272.58 8E+06 2276.47 8E+06 2276.47	479482 479558 477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43552E+06 1.43351E+06 1.43319E+06 1.43207E+06 1.43207E+06 1.43204E+06	799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443
124400 S. MSP-H2O cooling to 150 K 22-Jun-15 1035421 22-Jun-15 1405601 200.012 109.025 140.0012 140.0012	2.057 3.96168E 6.264 3.92853E 1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 0.001 3.87025E 0.998 1.04337E 0.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 6.998 4.09766E 6.998 4.09766E 6.998 1.36574E 6.998 1.36574E 6.998 1.36574E	8E+06 6602.66 8E+06 6547.41 8E+06 6510.14 8E+06 6484.13 8E+06 6464.55 8E+06 6440.19 8E+06 6433.01 8E+06 6450.29 8E+06 6446.12 8E+06 6439.54 8E+07 6454.26 8E+07 6454.26 8E+07 6454.36 8E+07 6456.35 8E+06 2262.82 8E+06 2262.82 8E+06 2270.11 8E+06 2270.37 8E+06 2270.37 8E+06 2272.58 8E+06 2276.47 8E+06 2276.47	479482 479558 477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43552E+06 1.43351E+06 1.43319E+06 1.43207E+06 1.43207E+06 1.43204E+06	799.121 799.247 795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123408 S MBP-H2O cooling to 150 K 22-Jun-15 142546 22-Jun-15 142546 200.012 159.200 141	1.821 3.90616E 1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 9.999 3.86682E 0.001 3.87025E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 6.998 1.36574E 5.089 1.3519E 4.779 1.344E	6E+06 6510.14 6E+06 6484.13 6E+06 6464.55 6E+06 6440.19 6E+06 6433.01 6E+06 6450.29 6E+06 6446.12 7E+06 6439.54 6E+07 6454.26 6E+07 6454.46 6E+07 6454.46 6E+07 6456.35 6E+06 2262.82 6E+06 2264.48 6E+06 2270.11 6E+06 2270.37 6E+06 2270.37 6E+06 2276.18 6E+06 2276.18	477304 476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43552E+06 1.43351E+06 1.43207E+06 1.43207E+06 1.43207E+06 1.43204E+06	795.491 794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123409 5 MBP-H2O cooling to 150 K 22-Jun-15 1428-09 22-Jun-15 1438-09 000.012 159.080 141 123411 5 MBP-H2O cooling to 150 K 22-Jun-15 148-857 22-Jun-15 145-654 000.012 149.847 159 123412 5 MBP-H2O cooling to 150 K 22-Jun-15 148-857 22-Jun-15 157-740 000.012 149.847 159 123415 5 MBP-H2O cooling to 150 K 22-Jun-15 168-857 22-Jun-15 157-740 000.012 149.848 149 123416 5 MBP-H2O cooling to 150 K 22-Jun-15 158-852 22-Jun-15 158-825 000.012 149.835 148 123416 5 MBP-H2O cooling to 150 K 22-Jun-15 158-852 22-Jun-15 158-858 000.012 149.835 148 123416 5 MBP-H2O cooling to 150 K 22-Jun-15 158-858 000.012 149.835 148 123416 5 MBP-H2O 150 K 22-Jun-15 158-858 22-Jun-15 168-158 160.001 149.99 149 149 123416 5 MBP-H2O 150 K 22-Jun-15 168-138 22-Jun-15 168-138 160.001 150.033 159 123419 5 MBP-H2O 150 K 22-Jun-15 168-138 22-Jun-15 178-247 160.001 150.049 123426 5 MBP-H2O 150 K 22-Jun-15 168-128 22-Jun-15 178-138 160.001 150.049 123426 5 MBP-H2O 150 K 22-Jun-15 168-128 22-Jun-15 178-138 160.001 150.067 150 123425 5 MBP-H3D 150 K 22-Jun-15 188-23 22-Jun-15 178-330 160.001 150.067 150 123425 5 MBP-H3D 150 K 22-Jun-15 188-87 22-Jun-15 188-138 22-Jun-15 18	1.685 3.89056E 47.19 3.87881E 0.002 3.86419E 150 3.85989E 0.999 3.86682E 0.001 3.87025E 0.998 1.04337E 0.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.08669E 7.001 4.09066E 6.998 1.3519E 4.779 1.344E	6E+06 6484.13 6E+06 6464.55 6E+06 6440.19 6E+06 6433.01 6E+06 6446.12 6E+06 6446.12 7E+06 6439.54 6E+07 6454.26 6E+07 6454.26 6E+07 6455.86 7E+06 6456.35 7E+06 2262.82 6E+06 2264.48 6E+06 2270.11 6E+06 2270.37 6E+06 2270.37 6E+06 2276.47 6E+06 2276.47 6E+06 2253.11	476898 474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.43319E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	794.814 791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
129410 S MBP-H2O cooling to 150 K 22-Jun-15 1436311 22-Jun-15 1446324 20-Jun-15 1446324 22-Jun-15 1446324 22-Jun-15 1446324 22-Jun-15 1446324 22-Jun-15 156776 200.012 148,847 150 120 120 120 120 120 120 120 120 120 12	3.87881E 0.002 3.86419E 150 3.85989E 9.999 3.86682E 0.001 3.87025E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 6.998 1.36574E 6.998 1.36574E	E+06 6440.19 E+06 6440.19 E+06 6433.01 E+06 6444.57 E+06 6450.29 E+06 6446.12 E+06 6439.54 E+07 6454.26 E+07 6454.46 E+07 6455.86 E+06 6456.35 E+06 2262.82 E+06 2270.11 E+06 2270.37 E+06 2270.37 E+06 2276.47 E+06 2276.18 E+06 2253.11	474891 478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.43319E+06 1.43207E+06 1.43207E+06 1.43204E+06	791.469 798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
129411	3.86419E 150 3.85989E 9.999 3.86682E 9.999 3.86682E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 6.998 1.3519E 4.779 1.344E	2E+06 6440.19 2E+06 6433.01 2E+06 6444.57 2E+06 6450.29 2E+06 6446.12 2E+06 6439.54 2E+07 6454.26 2E+07 6454.46 2E+07 6455.86 2E+06 6456.35 2E+06 2262.82 2E+06 2270.11 2E+06 2270.37 2E+06 2272.58 2E+06 2276.47 2E+06 2276.18 2E+06 2253.11	478892 479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	798.137 799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123412 5 MBP-H2O cooling to 150 K 22-Jun-15 15:07:17 600.012 149.443 1224413 5 MBP-H2O cooling to 160 K 22-Jun-15 15:07:19 600.012 149.675 159.000 122 149.675 149.000 122 149.000 122 149.675 149.000 122	150 3.85989E 9.999 3.86682E 9.999 3.86682E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	2E+06 6433.01 2E+06 6444.57 3E+06 6450.29 3E+06 6446.12 2E+06 6439.54 3E+07 6454.26 3E+07 6454.46 3E+07 6455.86 3E+06 6456.35 3E+06 2262.82 3E+06 2270.11 3E+06 2270.37 3E+06 2270.37 3E+06 2276.47 3E+06 2276.47 3E+06 2276.18	479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123412 5 MBP-H2O cooling to 150 K 22-Jun-15 15:07:17 600.012 149.443 1224413 5 MBP-H2O cooling to 160 K 22-Jun-15 15:07:19 600.012 149.675 159.000 122 149.675 149.000 122 149.000 122 149.675 149.000 122	150 3.85989E 9.999 3.86682E 9.999 3.86682E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	2E+06 6433.01 2E+06 6444.57 3E+06 6450.29 3E+06 6446.12 2E+06 6439.54 3E+07 6454.26 3E+07 6454.46 3E+07 6455.86 3E+06 6456.35 3E+06 2262.82 3E+06 2270.11 3E+06 2270.37 3E+06 2270.37 3E+06 2276.47 3E+06 2276.47 3E+06 2276.18	479527 478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	799.196 798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123413 S MBP-HI2O cooling to 150 K 22-Jun-15 15:07:19 22-Jun-15 15:07:10 22-Jun-15 15:07:00 2000.012 149.675 150 123414 S MBP-HI2O cooling to 150 K 22-Jun-15 15:17:40 22-Jun-15 15:38:20 22-Jun-15 12:38:20 22-	9.999 3.86682E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	2E+06 6444.57 6E+06 6450.29 6E+06 6446.12 7E+06 6439.54 6E+07 6454.26 6E+07 6454.46 6E+07 6455.86 7E+06 6456.35 7E+06 2262.82 6E+06 2270.11 6E+06 2270.37 6E+06 2270.37 6E+06 2276.47 6E+06 2276.47 6E+06 2253.11	478856 479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	798.077 799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123414 5 MBP-HI2O cooling to 150 K 22-Jun-15 15:28:02 22-Jun-15 15:28:02 600.012 149.0015 149.0014 129415 5 MBP-HI2O cooling to 150 K 22-Jun-15 15:28:02 22-Jun-15 15:38:26 600.012 149.004 149.0014 129417 5 MBP-HI2O 150 K 22-Jun-15 15:43:30 22-Jun-15 15:38:26 600.012 149.009 149.0014 129418 5 MBP-HI2O 150 K 22-Jun-15 15:43:30 22-Jun-15 16:43:21 1800.01 149.009 149.0014 129419 5 MBP-HI2O 150 K 22-Jun-15 16:12-12 22-Jun-15 16:42-22 1800.01 150.033 150.025 129421 5 MBP-HI2O 150 K 22-Jun-15 17:12-47 22-Jun-15 18:13-30 1800.01 150.035 150.049 129422 5 MBP-HI2O 150 K 22-Jun-15 17:12-47 22-Jun-15 18:13-30 1800.01 150.067 150.049 129422 5 MBP-HI2O 150 K 22-Jun-15 17:12-47 22-Jun-15 18:13-30 1800.01 150.067 150.067 129424 5 MBP-HI2O 150 K 22-Jun-15 18:13-30 1800.01 150.067 150.067 129424 5 MBP-HIAD 120 207 K 22-Jun-15 120-57 22 Jun-15 18:13-30 1800.01 150.067 150.067 129424 5 MBP-HIAD 120 207 K 22-Jun-15 215-50 22-Jun-15 215-30 22-Jun-15	0.001 3.87025E 9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	6E+06 6450.29 6E+06 6446.12 7E+06 6439.54 6E+07 6454.26 6E+07 6454.46 6E+07 6455.86 7E+06 6456.35 6E+06 2262.82 6E+06 2270.11 6E+06 2270.37 6E+06 2272.58 6E+06 2276.47 6E+06 2276.18 6E+06 2253.11	479494 479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43276E+06 1.43204E+06	799.141 798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123415 5 MBP+H2O cooling to 150 K 22-Jun-15 15:38:25 600.012 149.804 149 123416 5 MBP+H2O cooling to 150 K 22-Jun-15 15:38:25 22-Jun-15 15:38:25 140 149.99 149.835 149 123418 5 MBP+H2O 150 K 22-Jun-15 16:43:28 122-Jun-15 16:42:21 1800.01 150.033 150 123419 5 MBP+H2O 150 K 22-Jun-15 16:42:24 1800.01 150.033 150 123419 5 MBP+H2O 150 K 22-Jun-15 16:42:24 22-Jun-15 17:43:07 1800.01 150.033 150 123420 5 MBP+H2O 150 K 22-Jun-15 16:42:24 22-Jun-15 17:43:07 1800.01 150.067 150 123422 5 MBP+H2O 150 K 22-Jun-15 18:13:32 22-Jun-15 18:13:30 1800.01 150.067 150 123422 5 MBP+H2O 150 K 22-Jun-15 18:13:30 1800.01 150.067 150 123422 5 MBP+H2O 150 K 22-Jun-15 18:13:30 1800.01 150.067 150 123423 5 MBP+Mal-D2O 297K 22-Jun-15 18:13:30 1800.01 150.067 150 123425 5 MBP+Mal-D2O 297K 22-Jun-15 20:25:02 1800.01 295.984 297 123425 5 MBP+Mal-D2O 297K 22-Jun-15 20:25:02 1800.01 295.985 296 123426 5 MBP+Mal-D2O 297K 22-Jun-15 20:25:02 22-Jun-15 20:57:21 1800.01 295.975 297 123426 5 MBP+Mal-D2O 297K 22-Jun-15 20:25:05 22-Jun-15 20:59:50 1800.01 295.975 297 123426 5 MBP+Mal-D2O 297K 22-Jun-15 20:25:05 22-Jun-15 20:59:50 1800.01 295.975 297 123426 5 MBP+Mal-D2O 200ing to 150 K 22-Jun-15 20:59:50 22-Jun-15 20:59:50 1800.01 295.975 297 123426 5 MBP+Mal-D2O cooling to 150 K 22-Jun-15 20:59:50 22-Jun-15 20:59:50 1800.01 295.975 297 123426 5 MBP+Mal-D2O cooling to 150 K 22-Jun-15 20:59:50 22-Jun-15 20:59:50 1800.01 295.975 297 123426 5 MBP+Mal-D2O cooling to 150 K 22-Jun-15 20:30:00 22-Jun-15 20:30:00 1800.01 245.475 194 123436 5 MBP+Mal-D2O cooling to 150 K 22-Jun-15 20:30:00 22-Jun-15 20:30:00 1800.01 245.475 194 123436 5 MBP+Mal-D2O cooling to 150 K 22-Jun-15 20:30:00 22-Jun-15 20:30:00 1800.01 180.00 180.00 180.00 180.00	9.998 3.86775E 9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.09766E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E	6E+06 6446.12 7E+06 6439.54 6E+07 6448.17 7E+07 6454.26 6E+07 6451.17 6E+07 6455.86 7E+06 6456.35 6E+06 2262.82 6E+06 2270.11 6E+06 2270.37 6E+06 2272.58 6E+06 2276.47 6E+06 2276.18 6E+06 2253.11	479003 128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43204E+06 1.43204E+06	798.323 794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89	295 295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123416 5 MBP+H2O tool N 22-Jun-15 15:48:27 22-Jun-15 16:41:30 162.026 149.835 149 149 129417 5 MBP+H2O 150 K 22-Jun-15 16:41:18 1800.01 149.99 149 149 149 149418 5 MBP+H2O 150 K 22-Jun-15 16:41:20 12-Jun-15 16:42:21 1800.01 150.049 150.049 123420 5 MBP+H2O 150 K 22-Jun-15 17:12-47 22-Jun-15 17:12-47 1800.01 150.049 123421 5 MBP+H2O 150 K 22-Jun-15 17:12-47 22-Jun-15 17:12-47 1800.01 150.057 150 123421 5 MBP+H2O 150 K 22-Jun-15 17:12-47 22-Jun-15 18:13-33 1800.01 150.057 150 123422 5 MBP+H2O 150 K 22-Jun-15 18:13-28 22-Jun-15 18:13-35 1800.01 150.057 150 123423 5 MBP+Mal+D2O 297K 22-Jun-15 19:56:37 22-Jun-15 20:26:58 1800.01 295.956 296 123424 5 MBP+Mal+D2O 297K 22-Jun-15 20:27:00 22-Jun-15 20:27:00 22-Jun-15 20:25:00 1600.01 295.956 296 123426 5 MBP+Mal+D2O 297K 22-Jun-15 20:27:00 22-Jun-15 20:25:00 1600.01 295.976 296 123427 5 MBP+Mal+D2O 297K 22-Jun-15 21:55:607 1800.01 295.976 296 123428 5 MBP+Mal+D2O 297K 22-Jun-15 21:55:607 1800.01 295.976 296 123428 5 MBP+Mal+D2O 297K 22-Jun-15 21:55:607 1800.01 295.976 296 123428 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:55:65 22-Jun-15 22:56:65 1800.01 295.975 297 123428 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:19:38 600.012 245.475 194 123434 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:19:38 600.012 245.475 194 123435 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:05:65 22-Jun-15 23:05:66 600.012 245.475 194 123436 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:05:66 22-Jun-15 23:05:66 600.012 245.475 194 123436 5 MBP+Mal+D2O cooling to 150 K 22-Jun-15 23:05:66 22-Jun-15 23:05:66 600.012 245.475 194 123436 5 MBP+Mal+D2O tool 16 to 150 K 22-Jun-15 23:05:66 22-Jun-15 23:05:66 600.012 245.475 194 194 194 194 194 194 194 194 194 194 194 194 1	9.998 1.04337E 9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	7E+06 6439.54 3E+07 6448.17 7E+07 6454.26 2E+07 6451.17 3E+07 6455.86 7E+06 6456.35 3E+06 2262.82 3E+06 2270.11 3E+06 2270.37 3E+06 2272.58 3E+06 2276.47 3E+06 2276.18 3E+06 2253.11	128667 1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43207E+06 1.43207E+06 1.43204E+06 1.43204E+06	794.116 797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443 -1443
123417	9.998 1.16068E 0.004 1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	8E+07 6448.17 7E+07 6454.26 2E+07 6451.17 8E+07 6454.46 8E+07 6455.86 7E+06 6456.35 8E+06 2262.82 9E+06 2270.11 9E+06 2270.37 8E+06 2272.58 8E+06 2276.47 8E+06 2276.18 9E+06 2253.11	1.43488E+06 1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	797.152 798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443 -1443
123418	1.16177E 150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.09766E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	7E+07 6454.26 2E+07 6451.17 1E+07 6454.46 3E+07 6455.86 7E+06 6456.35 1E+06 2262.82 2E+06 2264.48 2E+06 2270.11 2E+06 2270.37 3E+06 2272.58 3E+06 2276.47 4E+06 2253.11	1.43703E+06 1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	798.347 795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443 -1443
123419 5 MBP+H2D 150 K 22-Jun-15 1842;24 22-Jun-15 1774;347 1800.01 150.067 150 123420 5 MBP+H2D 150 K 22-Jun-15 1774;347 22-Jun-15 1774;347 1800.01 150.067 150 123422 5 MBP+H2D 150 K 22-Jun-15 1774;341 22-Jun-15 1813;30 1800.01 150.067 150 150 123423 5 MBP+H2D 150 K 22-Jun-15 1813;30 22-Jun-15 1835,84 150.072 150 150 123424 5 MBP+Mal+D2D 297K 22-Jun-15 1956;37 22-Jun-15 20:572;1 1800.01 295.956 296 123424 5 MBP+Mal+D2D 297K 22-Jun-15 20:572;2 22-Jun-15 21:572;4 1800.01 295.956 296 123425 5 MBP+Mal+D2D 297K 22-Jun-15 21:2746 22-Jun-15 21:2746 1800.01 295.976 296 123427 5 MBP+Mal+D2D 297K 22-Jun-15 21:2746 22-Jun-15 21:28:57 1800.01 295.976 296 123427 5 MBP+Mal+D2D 297K 22-Jun-15 21:28:09 22-Jun-15 21:28:812 1800.01 295.975 297 123428 5 MBP+Mal+D2D 297K 22-Jun-15 22:28:23 22-Jun-15 22:28:23 1800.01 295.975 297 123429 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 22:28:23 22-Jun-15 22:38:32 1800.01 295.975 296 123429 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 23:09:18 22-Jun-15 23:30:01 600.012 266.779 215 123431 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 23:30:03 600.012 245.475 194 123433 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 23:30:03 600.012 245.475 194 123434 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 23:30:03 600.012 245.475 159 123434 5 MBP+Mal+D2D cooling to 150 K 22-Jun-15 23:40:03 600.012 245.475 159 123434 5 MBP+Mal+D2D cooling to 150 K 23-Jun-15 00:11:03 23-Jun-15 00:01:03 600.012 245.976 143 1	150 1.16122E 0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	2E+07 6451.17 1E+07 6454.46 6E+07 6455.86 7E+06 6456.35 1E+06 2262.82 0E+06 2264.48 0E+06 2270.11 0E+06 2270.37 0E+06 2272.58 0E+06 2276.47 0E+06 2276.18 0E+06 2253.11	1.43223E+06 1.43552E+06 1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	795.681 797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295 295	-1443 -1443 -1443 -1443 -1443
123420	0.001 1.16181E 0.002 1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	E+07 6454.46 6E+07 6455.86 7E+06 6456.35 1E+06 2262.82 0E+06 2264.48 0E+06 2270.11 0E+06 2270.37 6E+06 2272.58 6E+06 2276.47 1E+06 2276.18 0E+06 2253.11	1.43552E+06 1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	797.509 796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295 295	-1443 -1443 -1443 -1443 -1443
123421	1.16206E 0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	6E+07 6455.86 7E+06 6456.35 1E+06 2262.82 0E+06 2264.48 0E+06 2270.11 0E+06 2270.37 6E+06 2272.58 6E+06 2276.47 1E+06 2276.18 0E+06 2253.11	1.43351E+06 1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	796.389 797.494 796.214 795.591 795.89 798.752	295 295 295 295	-1443 -1443 -1443 -1443
123422	0.002 8.13397E 6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E	7E+06 6456.35 1E+06 2262.82 0E+06 2264.48 0E+06 2270.11 0E+06 2270.37 0E+06 2272.58 0E+06 2276.47 1E+06 2276.18 0E+06 2253.11	1.00472E+06 1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	797.494 796.214 795.591 795.89 798.752	295 295 295	-1443 -1443 -1443
123425 5 MBP+Mai+D2O 297K 22-Jun-15 20:27:00 22-Jun-15 20:57:21 1800.01 295.966 296 297 123426 5 MBP+Mai+D2O 297K 22-Jun-15 20:57:23 22-Jun-15 21:27:44 1800.01 295.968 296 297 123426 5 MBP+Mai+D2O 297K 22-Jun-15 21:27:274 1800.01 295.968 296 295.968	6.998 4.07311E 7.001 4.07609E 6.996 4.08622E 6.998 4.08669E 7.001 4.09066E 6.998 4.09766E 8.208 1.36574E 5.089 1.3519E 4.779 1.344E	E+06 2262.82 DE+06 2264.48 DE+06 2270.11 DE+06 2270.37 DE+06 2272.58 DE+06 2276.47 DE+06 2276.18 DE+06 2253.11	1.43319E+06 1.43207E+06 1.43261E+06 1.43776E+06 1.43204E+06	796.214 795.591 795.89 798.752	295 295	-1443 -1443
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123437 5 MBP+Mal+D2O cooling to 150 K 23-Jun-15 00:21:56 23-Jun-15 00:32:16 600.012 150.801 150.801 123438 5 MBP+Mal+D2O cooling to 150 K 23-Jun-15 00:32:18 23-Jun-15 00:42:38 600.012 149.581 150 123439 5 MBP+Mal+D2O 150 K 23-Jun-15 00:42:41 23-Jun-15 01:13:01 1800.01 149.766 123440 5 MBP+Mal+D2O 150 K 23-Jun-15 01:13:03 23-Jun-15 01:43:24 1800.01 149.98 150 123441 5 MBP+Mal+D2O 150 K 23-Jun-15 01:43:26 23-Jun-15 02:13:46 1800.01 150.037 123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:44:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:32 1800.01 150.068 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:32 23-Jun-15 04:45:45 18	8.032 1.30016E		480390	800.634		-1443
123438 5 MBP+Mal+D2O cooling to 150 K 23-Jun-15 00:32:18 23-Jun-15 00:42:38 600.012 149.581 150 123439 5 MBP+Mal+D2O 150 K 23-Jun-15 00:42:41 23-Jun-15 01:13:01 1800.01 149.766 123440 5 MBP+Mal+D2O 150 K 23-Jun-15 01:13:03 23-Jun-15 01:43:24 1800.01 149.98 150 123441 5 MBP+Mal+D2O 150 K 23-Jun-15 01:43:26 23-Jun-15 02:13:46 1800.01 150.037 123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:13:49 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:14:34 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:57 23-Jun-15 04:45:41 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K		BE+06 2154.59	475120	791.851	295	
123439 5 MBP+Mal+D2O 150 K 23-Jun-15 00:42:41 23-Jun-15 01:13:01 1800.01 149.766 123440 5 MBP+Mal+D2O 150 K 23-Jun-15 01:13:03 23-Jun-15 01:43:24 1800.01 149.98 150 123441 5 MBP+Mal+D2O 150 K 23-Jun-15 01:43:26 23-Jun-15 02:13:46 1800.01 150.037 123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:13:49 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:16:05 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 06:47:10 1800.01 150.078 149 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 06:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:48:41 1800.01 150.078 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:18 1800.01 150.078 149	0.013 1.29268E			799.648	295	
123440 5 MBP+Mal+D2O 150 K 23-Jun-15 01:13:03 23-Jun-15 02:13:46 1800.01 149.98 150 123441 5 MBP+Mal+D2O 150 K 23-Jun-15 01:43:26 23-Jun-15 02:13:46 1800.01 150.037 123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:13:49 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 03:44:54 1800.01 150.066 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:02 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 05:46:27 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:10 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:56 1800.01 150.078 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 07:47:56 1800.01 150.078 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.078	0.002 1.29001E		475266	792.094		-1443
123441 5 MBP+Mal+D2O 150 K 23-Jun-15 01:43:26 23-Jun-15 02:13:46 1800.01 150.037 123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:13:49 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:02 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:16:48 1800.01 150.075 150 123450 5 MBP+Mal+D2O 150 K 23-		BE+06 2153.56		797.209	295	
123442 5 MBP+Mal+D2O 150 K 23-Jun-15 02:13:49 23-Jun-15 02:44:09 1800.01 150.054 149 123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:49 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 06:16:48 1800.01 150.076 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:47:56 1800.01 150.078 149 123452 5 MBP+Mal+D2O 150 K		BE+06 2153.25		797.338		-1443
123443 5 MBP+Mal+D2O 150 K 23-Jun-15 02:44:11 23-Jun-15 03:14:32 1800.01 150.058 149 123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 06:46:25 1800.01 150.076 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 123453 5 MBP+Mal+D		5E+06 2154.15		797.368		-1443
123444 5 MBP+Mal+D2O 150 K 23-Jun-15 03:14:34 23-Jun-15 03:44:54 1800.01 150.066 123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:40 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 08:18:18 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-		BE+06 2031.59		753.013	295	
123445 5 MBP+Mal+D2O 150 K 23-Jun-15 03:44:57 23-Jun-15 04:15:17 1800.01 150.068 123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:46:27 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078 149 123454 5 MBP+Mal+D2O 150 K	9.999 3.87655E			799.045		-1443
123446 5 MBP+Mal+D2O 150 K 23-Jun-15 04:15:19 23-Jun-15 04:45:40 1800.01 150.072 149 123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 06:16:48 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078		5E+06 2155.07		797.216		-1443
123447 5 MBP+Mal+D2O 150 K 23-Jun-15 04:45:42 23-Jun-15 05:16:02 1800.01 150.073 150 123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 05:46:27 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078		5E+06 2153.57		798.375		-1443
123448 5 MBP+Mal+D2O 150 K 23-Jun-15 05:16:05 23-Jun-15 05:46:25 1800.01 150.076 123449 5 MBP+Mal+D2O 150 K 23-Jun-15 05:46:27 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078	9.997 3.87686E		1.43867E+06	799.259		-1443
123449 5 MBP+Mal+D2O 150 K 23-Jun-15 05:46:27 23-Jun-15 06:16:48 1800.01 150.077 150 123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078	0.001 3.87918E			797.993		-1443
123450 5 MBP+Mal+D2O 150 K 23-Jun-15 06:16:50 23-Jun-15 06:47:10 1800.01 150.075 150 123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078		6E+06 2153.74		796.798	295	-1443
123451 5 MBP+Mal+D2O 150 K 23-Jun-15 06:47:13 23-Jun-15 07:17:33 1800.01 150.078 123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078	0.001 3.88068E			799.693		-1443
123452 5 MBP+Mal+D2O 150 K 23-Jun-15 07:17:35 23-Jun-15 07:47:56 1800.01 150.078 149 123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078		2E+06 2156.55		796.324		-1443
123453 5 MBP+Mal+D2O 150 K 23-Jun-15 07:47:58 23-Jun-15 08:18:18 1800.01 150.081 149 123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078		E+06 2156.93		798.998		-1443
123454 5 MBP+Mal+D2O 150 K 23-Jun-15 08:18:21 23-Jun-15 08:48:41 1800.01 150.078	9.999 3.87913E			800.078		-1443
	9.999 3.88066E			796.428		-1443
123455 5 MBP+Mal+D2O 150 K 23-Jun-15 08:48:43 23-Jun-15 09:19:04 1800.01 150.076 150		7E+06 2155.97		799.589		-1443
100/00		E+06 2156.37		799.041		-1443
		5E+06 2156.38		796.269		-1443
		97584 162.637		802.754		-1443
		95729 159.545		795.714		-1443
		94520 157.53		801.924		-1443
		10394 157.528		802.355		-1443
123461 5 Empty 1 - 150 K 23-Jun-15 10:47:16 23-Jun-15 11:17:36 1800.01 149.62		32721 157.066		799.587		-1443
		30921 156.066		799.164		-1443
123463 5 Empty 1 - 150 K 23-Jun-15 11:48:01 23-Jun-15 12:11:07 1366.02 150.365		12832 155.805		799.415		-1443
		33439 139.062		799.735		-1443
123465 5 Empty 4 - cooling to 150 K 23-Jun-15 12:41:18 23-Jun-15 12:51:38 600.012 156.396 142	2 933 80	30726 134.541		800.36		-1443
		30204 133.671		799.762		-1443
	0.007 80	6379 135.172		797.277		-1443
	0.007 80	10371 133.539		796.827		-1443
	0.007 80 0.005 6 0.003 240	39265 132.924		797.384		-1443
	0.007 80 0.005 6 0.003 240 9.998 239	3724 137.576		757.554		-1443
	0.007 80 0.005 6 0.003 240 9.998 239 0.002 3	20016 177.786	1.44281E+06	801.556	295	-1443
123472 5 Empty 4 - 300 K 23-Jun-15 15:19:07 23-Jun-15 15:35:36 968.446 296.435 297	0.007 80 0.005 6 0.003 240 9.998 239 0.002 3	71684 177.278	773367	798.565	295	-1443
123473 5 MBP+Mal+H20 cooling to 150 K 23-Jun-15 15:53:48 23-Jun-15 16:04:09 600.012 295.555 297	0.007 80 0.005 6 0.003 240 9.998 239 0.002 3 6.999 320	IF±06 6282 94	476568	794.264	295	-1443
123474 5 MBP+Mal+H20 cooling to 150 K 23-Jun-15 16:04:11 23-Jun-15 16:14:32 600.012 295.683	0.007 80 0.005 6 0.003 240 9.998 239 0.002 3 6.999 320	72100 0202:04	478074	796.774	295	-1443
123475 5 MBP+Mal+H20 cooling to 150 K 23-Jun-15 16:14:34 23-Jun-15 16:15:24 29.4208 295.711 297	0.007 80 0.005 6 0.003 240 9.998 239 0.002 3 6.999 320 7.002 171 7.002 3.76984E	5E+06 6287.13	23179	787.845	295	-1443
123476 5 MBP+Mal+H20 cooling to 150 K 23-Jun-15 16:15:32 23-Jun-15 16:16:20 14.121 295.719 288	0.007 80 0.005 6 0.003 240 0.003 240 0.002 3 6.999 320 7.002 171 7.002 3.76984E		11222	794.703	295	-1443
123477 5 MBP+Mal+H20 300 K 23-Jun-15 16:18:21 23-Jun-15 16:38:42 1200.01 295.504 297	0.007 80 0.005 6 0.003 240 0.003 240 0.002 3 6.999 320 7.002 171 7.002 3.76984E 297 3.77235E 7.001 185	5E+06 6287.13	955174		295	

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	123478					1200.01	295.888				960710	800.584		
	123480	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 17:09:31	23-Jun-15 17:19:51	600.012	267.68	214.84	3.67333E+06	6122.1	477428	795.697	295	-1443
1988 S. MP-CALAFO SAMP (1997) SAMP (19	123481	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 17:19:54	23-Jun-15 17:30:14	600.012	246.343	194.697	3.64814E+06	6080.11	480725	801.192	295	-1443
	123482	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 17:30:17	23-Jun-15 17:40:37	600.012	225.094	176.013	3.63921E+06	6065.23	475844	793.057	295	-1443
19386 6 MPP-MARCH 20 August 100 7 24 24 25 26 26 24 24 25 26 26 26 26 26 26 26	123483	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 17:40:39	23-Jun-15 17:51:00	600.012	205.056	158.963	3.61645E+06	6027.29	479701	799.486	295	-1443
	123484	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 17:51:02	23-Jun-15 18:01:22	600.012	186.057	143.289	3.59727E+06	5995.34	478367	797.262	295	-1443
1989	123485	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 18:01:25	23-Jun-15 18:11:45	600.012	168.45	137.177	3.57905E+06	5964.96	478997	798.312	295	-1443
	123486	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 18:11:47	23-Jun-15 18:22:08	600.012	156.406	143.072	3.59183E+06	5986.26	480081	800.119	295	-1443
1988 S. MPANICHIO DOK STANT PERSON STANT PERSON STANT PERSON MARCHINE MARC	123487	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 18:22:10	23-Jun-15 18:32:31	600.012	150.954	150.013	3.58661E+06	5977.56	477276	795.444	295	-1443
1989 1.0 MAPI NAL-HEITER ME 22.54 to 18220 2.000 1	123488	5	MBP+Mal+H20 cooling to 150 K	23-Jun-15 18:32:33	23-Jun-15 18:38:31	337.673	149.899	150.005	2.01612E+06	5970.64	269818	799.051	295	-1443
1988 6 Mary Marie 100 Park 20 June 10 Million 20 June 10 June 10 Million 20 June 10 Jun	123489	5	MBP+Mal+H20 150 K	23-Jun-15 18:38:40	23-Jun-15 19:09:00	1800.01	149.768	150	1.07425E+07	5968.01	1.43832E+06	799.063	295	-1443
15086 6 MP-Mark-IDS 9K 25 1-45 1500 150 150 150 17 25 1-45 150 17 25 1-45 150 17 25 1-45 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150 150 17 25 1-45 150	123490	5	MBP+Mal+H20 150 K	23-Jun-15 19:09:03	23-Jun-15 19:39:23	1800.01	150.03	150.002	1.07335E+07	5963.05	1.43926E+06	799.583	295	-1443
1939	123491	5	MBP+Mal+H20 150 K	23-Jun-15 19:39:26	23-Jun-15 20:09:46	1800.01	150.097	150.001	1.07357E+07	5964.24	1.43545E+06	797.468	295	-1443
1986 S. MMP-MALI-PO SOK P. SUL-II-S PT 100 A 5 P. SUL-II S P	123492	5	MBP+Mal+H20 150 K	23-Jun-15 20:09:49	23-Jun-15 20:40:09	1800.01	150.091	150	1.07382E+07	5965.61	1.43376E+06	796.527	295	-1443
19348 S. MBM-Aud-HOU SIAK 20 July 19 (17 10 20 20 July 19 (17 10 20	123493	5	MBP+Mal+H20 150 K	23-Jun-15 20:40:12	23-Jun-15 21:10:32	1800.01	150.122	149.998	1.07265E+07	5959.11	1.43886E+06	799.362	295	-1443
12066 S. MEP-HANI LOS JOOK 29-Jun-15 22-1142 14-144 30-107 29-56 30-115 30-32 12-14 30-107 39-56 39-115 30-32 39-115	123494	5	MBP+Mal+H20 150 K	23-Jun-15 21:10:34	23-Jun-15 21:40:55	1800.01	150.112	150.004	1.07248E+07	5958.16	1.43765E+06	798.687		
123497 S MRP-LICK SIGN S 2-Au-nis 2/20161 S 2-Au-nis		5	MBP+Mal+H20 300 K			14.1444								
12366 S. MRP-LOZ SON 22 Jun 15 221-01 100.07 20 Jun 15 221-01 20 Jun											_	0		
12590 S. M8P-4020 300 K 23-Jun-15 2011 D 24-Jun-15 0021 D 20-Jun-15 2011 D 24-Jun-15 0021 D 20-Jun-15 0022 D 2												797 626		
12996 S. MSP-1000-030K 23-Jun-15-0214-12* 2-Jun-15-0214-17* 100.01 296.01* 297.01* 296.01* 297.01* 296.01* 297.01* 296.01* 297.01*														
12500 S MBP-1020 300 K 24-Jun-15 001115 24-Jun-15 001211 20-Jun-15 002211 24-Jun-15 002211 24-Jun-15 002211 24-Jun-15 002221 2														
12560 6 MBP+1DD couling to 150 K 24-Jun-15 00.6213 24-Jun-15 00.6223 24-Jun														
12500 S MBP-LOO coding to 190 K 24-Jun-15 00.5208 24-Jun-15 01.02528 24-Jun-15 01														
12560 6 MBP-ID2O cooling to 150 K 24-Jun-15 0110-25 24-Jun-15 0110-25 24-Jun-15 0110-25 2000 12 25-54 170-365 21-BF-ID2O cooling to 150 K 24-Jun-15 011-25 24-Jun-15 011-25 2000 12 25-54 170-365 21-BF-ID2O cooling to 150 K 24-Jun-15 011-25 24-Jun														
125506 S. MBP-D2O Cooling to 150 K 24-Jun-15 01/1321 24-Jun-15 01/1321 24-Jun-15 01/1324 24-Jun-15 01/1324 24-Jun-15 01/1326 00.0112 20.5191 159.905 2.13786-10. 3678.7 477053 795.902 285. 4143 125907 5 MBP-D2O Cooling to 150 K 24-Jun-15 01/1429 24-Ju														
12306 5 MSP+DOC cooling to 150 K 24-Jun-15 01-3244 24-Jun-15 01-3424 24-Jun-15 01-3426 24-Ju														
12806 5 MBPLDC cooling to 150 K 24-Jun-15 01:3408 24-Jun-15 01:4429 24-Jun-1			•											
123507 S MBP-D2O cooling to 150 K 24-Jun-15 01:4429 24-Jun-15 01:4549 800.012 168.38 142.82 2.11486+06 836.32 47810 788.6 225 1443 123509 S MBP-D2O cooling to 150 K 24-Jun-15 02:652 24-Jun-15 02:652 800.013 158.38 142.82 2.11486+06 836.43 47811 788.6 225 1443 123511 S MBP-D2O cooling to 150 K 24-Jun-15 02:652 24-Jun-15 02:652 800.013 149.571 149.999 2.10011-00 814.95 47854 707.565 206 1443 123511 S MBP-D2O 150 K 24-Jun-15 02:6520 24-Jun-15 02:6520 800.013 149.571 149.999 2.10011-00 814.95 47854 707.565 206 1443 123511 S MBP-D2O 150 K 24-Jun-15 02:6520 24-Jun-15 02:6520 800.013 149.575 149.999 8.23211-00 816.14 1.48655496 788.735 226 1443 123514 S MBP-D2O 150 K 24-Jun-15 03:6525 24-Jun-15 03:6525 800.01 150.02 150.00 8.0909E+0 800.07 1.4340E+0 796.76 226 1443 123514 S MBP-D2O 150 K 24-Jun-15 03:6525 24-Jun-15 04:8203 800.01 150.02 150.00 8.0909E+0 800.42 1.43515496 797.70 226 1443 123514 S MBP-D2O 150 K 24-Jun-15 04:8203 24-Jun-15 04:8203 800.01 150.05 150.05 8.0988E+0 800.42 1.43515496 797.70 226 1443 123517 S MBP-D2O 150 K 24-Jun-15 05:8248 24-Jun-15 05:8248 800.01 150.05 149.99 8.0986E+0 800.42 1.4354E+0 797.70 226 1443 123517 S MBP-D2O 150 K 24-Jun-15 05:8248 24-Jun-15 05:8248 800.01 150.05 149.99 8.0986E+0 800.42 1.4354E+0 797.70 226 1443 123517 S MBP-D2O 150 K 24-Jun-15 05:8248 24-Jun-15 05:8248 800.01 150.05 149.99 8.0986E+0 800.42 1.4354E+0 797.70 226 1443 123517 S MBP-D2O 150 K 24-Jun-15 06:8248 24-Jun-15 06:8248 800.01 150.05 149.99 8.0986E+0 800.42 1.4354E+0 797.70 226 1443 123517 S MBP-D2O 150 K 24-Jun-15 06:8248 24-Jun-15 06:8048 800.01 150.07 150.00 8.0986E+0 800.42 1.4354E+0 798.26 226 1443 12352 S MBP-D2O 150 K 24-Jun-15 06:2403 24-Jun-15 06:8048 800.01 150.0														
123509														
123506 5 MBP-D2O cooling to 150 K 24-Jun-15 02:05:24 24-Jun-15 02:05:15.44 800.013 150.020 150.012 2.11173E-J00 3519.48 478711 797.805 250 1443 123511 5 MBP-D2O cooling to 150 K 24-Jun-15 02:05:02 24-Jun-15 02:05:02 149.971 149.99 2.10901E-J00 3519.05 47840 797.595 250 1443 123513 5 MBP-D2O 150 K 24-Jun-15 02:05:02 24-Jun-15 02:05:02 149.971 149.99 3.1990E-J00 3519.05 3519.05 37990E-J00 37990						600.012	168.38					794.353		
123510 S MBP+D2O cooling to 150 K 24-Jun-15 02:26:07 24-Jun-15 04:27:30 24-Jun-15 05:28:40 24-Jun-15 05:28:40 24-Jun-15 05:28:40 24-Jun-15 05:28:40 24-Jun-15 06:28:20 24-Jun-15 06:28:20 24-Jun-15 06:28:30 24-Jun-15 08:20:30 24-Jun-15	123508	5	MBP+D2O cooling to 150 K			600.013	156.38	142.922	2.11466E+06	3524.35	479170	798.6	295	-1443
123512 S MBP-D2O 150 K 24-Jun-15 022563 24-Jun-15 032563 180.01 149.735 149.99 6.3291E-06 351.614 1.43665E-06 798.133 2.95 1443 123512 5 MBP-D2O 150 K 24-Jun-15 032565 24-Jun-15 032565 180.01 149.972 149.99 6.31996E-06 351.03 1.4349E-06 796.764 2.95 1443 123514 5 MBP-D2O 150 K 24-Jun-15 032577 24-Jun-15 0325715 180.01 150.047 150 6.30972E-06 350.43 1.4349E-06 796.766 2.95 1443 123515 5 MBP-D2O 150 K 24-Jun-15 042738 180.01 150.058 150.03 180.028E-06 350.42 1.4375E-06 797.765 2.95 1443 123516 5 MBP-D2O 150 K 24-Jun-15 042580 180.01 150.058 150.03 180.98 150 6.30972E-06 350.42 1.4375E-06 797.765 2.95 1443 123516 5 MBP-D2O 150 K 24-Jun-15 052582 180.01 150.058 150.058 150.03 180.98 150.03 180.01 1	123509	5	MBP+D2O cooling to 150 K	24-Jun-15 02:05:24	24-Jun-15 02:15:44	600.013	150.902	150.012	2.11173E+06	3519.48	478711	797.835	295	-1443
123512 5 MBP-LD2O 150 K 24-Jun-15 02:56:52 24-Jun-15 03:26:52 24-Jun-15 03:26:52 24-Jun-15 03:26:52 24-Jun-15 03:26:52 24-Jun-15 03:26:53 24-Jun-15 03:26:26	123510	5	MBP+D2O cooling to 150 K	24-Jun-15 02:15:47	24-Jun-15 02:26:07	600.013	149.571	149.999	2.10901E+06	3514.95	478549	797.565	295	-1443
123513 5 MBP+D2O 150 K 24-Jun-15 03/2577 24-Jun-15 04/2578 1800.01 150.007 150 0 6.30978/1-06 300.48 1.43018/1-06 797.858 225 1443 123515 5 MBP+D2O 150 K 24-Jun-15 04/2574 24-Jun-15 04/2580 1800.01 150.008 150 0 6.30978/1-06 300.48 1.43767/1-06 797.858 225 1443 123516 5 MBP+D2O 150 K 24-Jun-15 04/2580 24-Jun-15 04/2580 1800.01 150.008 150 0 6.30978/1-06 300.48 1.43767/1-06 797.70 255 1443 123516 5 MBP+D2O 150 K 24-Jun-15 04/2580 24-Jun-15 05/2843 1800.01 150.008 149.998 6.3098/1-06 300.47 1.43364/1-06 797.40 225 1443 123516 5 MBP+D2O 150 K 24-Jun-15 05/2843 24-Jun-15 06/2903 1800.01 150.008 149.998 6.3078/1-06 300.25 143348/1-06 797.40 225 1443 123516 5 MBP+D2O 150 K 24-Jun-15 06/2903 1800.01 150.006 149.998 6.3078/1-06 300.25 143348/1-06 797.40 225 1443 123520 5 MBP+D2O 150 K 24-Jun-15 06/2903 24-Jun-15 06/2903 1800.01 150.0073 150.001 6.30643/1-06 3502.51 1.43148/1-06 797.80 225 1443 123520 5 MBP+D2O 150 K 24-Jun-15 06/2003 1800.01 150.072 149.999 6.308/1-06 3503.33 1.4369/1-06 797.80 225 1443 123522 5 MBP+D2O 150 K 24-Jun-15 08/0017 1800.01 150.072 149.999 6.308/1-06 3503.43 1.4356/1-06 797.80 225 1443 123524 5 MBP+D2O 150 K 24-Jun-15 08/0017 1800.01 150.072 149.999 6.308/1-06 3503.43 1.4356/1-06 797.80 225 1443 123524 5 MBP+D2O 150 K 24-Jun-15 08/0017 1800.01 150.071 150 6.31228/1-06 3503.43 1.4356/1-06 797.80 225 1443 123524 5 MBP+D2O 150 K 24-Jun-15 08/0017 1800.01 150.071 150 6.31228/1-06 3503.81 1.4356/1-06 797.80 225 1443 123524 5 MBP+D2O 150 K 24-Jun-15 08/0017 24-Jun-15 09/303 1800.01 150.071	123511	5	MBP+D2O 150 K	24-Jun-15 02:26:09	24-Jun-15 02:56:30	1800.01	149.735	149.999	6.3291E+06	3516.14	1.43665E+06	798.133	295	-1443
123614 5 MBP+D2O 150 K 24-Jun-15 045771 24-Jun-15 0427.38 180.01 150.047 150 6.30872E-06 3501.42 1.43676F+06 797.858 295 1-143 123616 5 MBP+D2O 150 K 24-Jun-15 045800 24-Jun-15 055.828 24-Jun-15	123512	5	MBP+D2O 150 K	24-Jun-15 02:56:32	24-Jun-15 03:26:52	1800.01	149.972	149.999	6.31996E+06	3511.06	1.43384E+06	796.574	295	-1443
123616 5 MBP+D2O 150 K 24-Jun-15 04:27-40 24-Jun-15 05:28-23 1800.01 150.058 150 6.30258E+06 3501.42 1.43767E+06 797.712 295 1.443 123617 5 MBP+D2O 150 K 24-Jun-15 05:28-26 24-Jun-15 05:58-46 1800.01 150.058 150 6.30383E+06 3504.47 1.4358E+06 797.712 295 1.443 123618 5 MBP+D2O 150 K 24-Jun-15 05:28-26 24-Jun-15 05:58-46 1800.01 150.065 149.998 6.3086E+06 3504.47 1.4358E+06 797.409 295 1.443 123618 5 MBP+D2O 150 K 24-Jun-15 06:29-10 1800.01 150.065 149.998 6.3086E+06 3504.47 1.4358E+06 797.409 295 1.443 123628 5 MBP+D2O 150 K 24-Jun-15 06:29-10 1800.01 150.066 150 6.30458E+06 3502.51 1.43148E+06 797.64 295 1.443 123628 5 MBP+D2O 150 K 24-Jun-15 06:59-34 1800.01 150.073 150.001 6.30601E+06 3503.31 1.4369E+06 797.86 295 1.443 123822 5 MBP+D2O 150 K 24-Jun-15 08:0019 24-Jun-15 08:0017 1800.01 150.072 149.999 6.3086E+06 3503.43 1.4369E+06 797.86 295 1.443 123822 5 MBP+D2O 150 K 24-Jun-15 09:0019 24-Jun-15 08:0039 1800.01 150.071 150 6.31223E+06 3508.78 1.4313E+06 797.86 295 1.443 123824 5 Empty 3 - cooling to 150 K 24-Jun-15 09:0448 24-Jun-15 09:0346 40.011 150.071 136.676 89927 149.875 476022 793.53 295 1.443 123826 5 Empty 3 - cooling to 150 K 24-Jun-15 09:3458 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1.443 123826 5 Empty 3 - cooling to 150 K 24-Jun-15 09:3458 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1.443 123826 5 Empty 3 - cooling to 150 K 24-Jun-15 09:3555 24-Jun-15 09:3555 45.0914 149.542 149.98 281622 145.545 14386E+06 796.47 295 1443 123826 5 Empty 3 - 150 K 24-Jun-15 09:3555 24-Jun-15 09:3	123513	5	MBP+D2O 150 K	24-Jun-15 03:26:55	24-Jun-15 03:57:15	1800.01	150.032	150.004	6.30493E+06	3502.73	1.43408E+06	796.706	295	-1443
123516 5 MBP+D2O 150 K 24-Jun-15 04:58:03 24-Jun-15 05:28:25 1800.01 150.058 150 6.30383E+06 3502.12 1.4358E+06 797.712 295 1-1443 123517 5 MBP+D2O 150 K 24-Jun-15 05:58:46 24-Jun-15 05:58:46 1800.01 150.063 149.998 6.3080E+06 3504.47 1.4353E+06 797.409 295 1-1443 123518 5 MBP+D2O 150 K 24-Jun-15 05:58:48 24-Jun-15 06:59:09 1800.01 150.066 149.998 6.3078E+06 3504.56 1.4354E+06 797.464 295 1-1443 123519 5 MBP+D2O 150 K 24-Jun-15 06:59:34 24-Jun-15 06:59:09 1800.01 150.066 150 6.30455E+06 3502.51 1.4314E+06 795.266 295 1-1443 123520 5 MBP+D2O 150 K 24-Jun-15 06:59:34 24-Jun-15 07:29:56 24-Jun-15 06:59:34 1800.01 150.073 150.001 6.30601E+06 3503.33 1.4380E+06 797.806 295 1-1443 123521 5 MBP+D2O 150 K 24-Jun-15 07:29:56 24-Jun-15 08:30:39 1800.01 150.072 149.999 6.3062E+08 3503.43 1.4350E+06 797.806 295 1-1443 123522 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:30:39 1800.01 150.071 150 6.31223E+06 3506.78 1.43133E+06 797.806 295 1-1443 123523 5 Empty 3 - cooling to 150 K 24-Jun-15 09:01:10 24-Jun-15 09:03:06 94.1179 195.065 153.281 2374 25.223 110 1.16875 295 1-1443 123524 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:08 24-Jun-15 09:04:25 600.013 167.707 136.576 89927 149.875 476022 793.353 295 1-1443 123525 5 Empty 3 - cooling to 150 K 24-Jun-15 09:24:53 24-Jun-15 09:24:51 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1-1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:55 24-Ju	123514	5	MBP+D2O 150 K	24-Jun-15 03:57:17	24-Jun-15 04:27:38	1800.01	150.047	150	6.30872E+06	3504.83	1.43615E+06	797.858	295	-1443
123517 5 MBP+D2O 150 K 24-Jun-15 05:28:28 24-Jun-15 06:29:09 1800.01 150.063 149.998 6.30806E+06 3504.47 1.43534E+06 797.409 2.95 1-443 123518 5 MBP+D2O 150 K 24-Jun-15 06:29:09 1800.01 150.065 149.998 6.30786E+06 3504.36 1.4354E+06 797.464 2.95 1-443 123519 5 MBP+D2O 150 K 24-Jun-15 06:29:09 1800.01 150.066 150 6.3043SE+06 3502.51 1.4314BE+06 795.266 2.95 1-443 123520 5 MBP+D2O 150 K 24-Jun-15 06:59:34 24-Jun-15 07:29:54 1800.01 150.006 150 6.3045SE+06 3503.33 1.43606E+06 797.806 2.95 1-443 123521 5 MBP+D2O 150 K 24-Jun-15 07:29:56 24-Jun-15 08:00:17 1800.01 150.072 149.999 6.3062E+06 3503.43 1.43606E+06 797.806 2.95 1-443 123522 5 MBP+D2O 150 K 24-Jun-15 07:29:56 24-Jun-15 08:00:17 1800.01 150.071 150 6.3122E+06 3503.43 1.43606E+06 797.806 2.95 1-443 123524 5 Empty 3 - cooling to 150 K 24-Jun-15 09:00:10 24-Jun-15 09:00:00 24-Jun-15 09:30:00 24-Jun-15 09	123515	5	MBP+D2O 150 K	24-Jun-15 04:27:40	24-Jun-15 04:58:00	1800.01	150.058	150	6.30258E+06	3501.42	1.43767E+06	798.705	295	-1443
123518 5 MBP+D2O 150 K 24-Jun-15 05:58:48 24-Jun-15 06:29:09 1800.01 150.066 149.998 6.30786E-06 8504.36 1.4354E-06 797.464 295 1-1443 123520 5 MBP+D2O 150 K 24-Jun-15 06:59:34 24-Jun-15 06:59:31 1800.01 150.066 150 6.30453E-06 8503.35 1.4369E+06 798.266 295 1-1443 123520 5 MBP+D2O 150 K 24-Jun-15 07:29:56 24-Jun-15 08:00:17 1800.01 150.072 149.999 6.3062E-06 8503.43 1.43606E+06 797.806 295 1-1443 123522 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:00:17 1800.01 150.072 149.999 6.3062E-06 8503.43 1.43606E+06 797.806 295 1-1443 123522 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:00:19 24-Jun-15 08:00:19 24-Jun-15 08:00:19 24-Jun-15 08:00:30 8 04:117 08:00:19 24-Jun-15 08:00:19 24-Jun-15 08:00:30 8 04:117 08:00:19 123524 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:50 8 080.01 150.071 150.676 89927 149.875 476022 793.353 295 1-1443 123525 5 Empty 3 - cooling to 150 K 24-Jun-15 09:24:53 24-Jun-15 09:35:13 600.013 154.313 145.174 88639 147.729 477311 795.502 295 1-1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:13 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1-1443 123528 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:13 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1-1443 123529 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:15 600.013 149.721 150.006 87447 145.742 478827 798.028 295 1-1443 123529 5 Empty 3 - 150 K 24-Jun-15 109:35:15 61.007:19 1800.01 149.542 149.998 261622 145.345 1.43366E+06 796.47 295 1-1443 123529 5 Empty 2 - cooling to 150 K 24-Jun-15 10:07:29 24-Jun-15 10:07:29 24-Jun-15 10:07:29 24-Jun-15 10:07:39 24-Jun-15 1	123516	5	MBP+D2O 150 K	24-Jun-15 04:58:03	24-Jun-15 05:28:23	1800.01	150.058	150	6.30383E+06	3502.12	1.43589E+06	797.712	295	-1443
123519 5 MBP+D2O 150 K 24-Jun-15 06:29:11 24-Jun-15 06:59:31 1800.01 150.066 150 6.30453E+06 3502.51 1.43148E+06 795.266 295 -1443 123520 5 MBP+D2O 150 K 24-Jun-15 07:29:54 1800.01 150.072 149.999 6.3062E+06 3503.33 1.43691E+06 798.28 295 -1443 12352 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:00:39 1800.01 150.071 150 6.31223E+06 3503.43 1.4360E+06 798.06 295 -1443 12352 5 MBP+D2O 150 K 24-Jun-15 09:00:10 150 K 24-Jun-15 09:30:10 149.721 150:00 87447 145.742 478827 798.028 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:30:10 24-Jun-15 09:30:10 149.721 150:00 87447 145.742 478827 798.028 295 -1443 123529 5 Empty 3 - cooling to 150 K 24-Jun-15 09:30:10 24-Jun-15 10:00:10 149.542 149.98 261622 145.345 1.43366E+06 796.47 295 -1443 123529 5 Empty 3 - 150 K 24-Jun-15 10:00:12 24-Jun-15 10:00:10 149.542 149.98 261622 145.345 1.43366E+06 796.47 295 -1443 123529 5 Empty 2 - cooling to 150 K 24-Jun-15 10:00:10 149.542 149.98 261622 145.345 143.346 140.04 952552 797.836 295 -1443 123530 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:04 24-Jun-15 11:05:24 600.01 149.542 150.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 140.00 174.941 1	123517	5	MBP+D2O 150 K	24-Jun-15 05:28:26	24-Jun-15 05:58:46	1800.01	150.063	149.998	6.30806E+06	3504.47	1.43534E+06	797.409	295	-1443
123520 5 MBP+D2O 150 K 24-Jun-15 08:59:34 24-Jun-15 07:29:56 1800.01 150.073 150.001 6.30601E+06 3503.33 1.43691E+06 798.28 295 -1443 12352 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:30:39 1800.01 150.071 150 6.31223E+06 3506.78 1.43133E+06 795.181 295 -1443 12352 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:00:30 94.1179 195.065 153.281 2374 25.2237 110 1.16875 295 -1443 12352 5 Empty 3 - cooling to 150 K 24-Jun-15 09:01:11 24-Jun-15 09:03:06 94.1179 195.065 153.281 2374 25.2237 110 1.16875 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:08 24-Jun-15 09:14:28 600.013 167.707 136.576 89927 149.875 476022 793.353 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:024:53 24-Jun-15 09:35:13 600.013 154.313 145.174 88639 147.729 477311 795.502 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:13 24-Jun-15 09:35:13 600.013 149.721 150.006 87447 145.742 478827 798.028 295 -1443 123528 5 Empty 3 - 150 K 24-Jun-15 09:36:24 24-Jun-15 0	123518	5	MBP+D2O 150 K	24-Jun-15 05:58:48	24-Jun-15 06:29:09	1800.01	150.065	149.998	6.30786E+06	3504.36	1.43544E+06	797.464	295	-1443
123521 5 MBP+D2O 150 K 24-Jun-15 07:29:56 24-Jun-15 08:00:17 1800.01 150.072 149.999 6.3062E+06 3503.43 1.43606E+06 797.806 295 -1443 123522 5 MBP+D2O 150 K 24-Jun-15 08:00:19 24-Jun-15 08:30:39 1800.01 150.071 150 6.31223E+06 3506.78 1.43133E+06 795.181 295 -1443 123523 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:08 24-Jun-15 09:06:08 24-Jun-15 09:06:08 24-Jun-15 09:06:08 24-Jun-15 09:06:08 24-Jun-15 09:06:08 24-Jun-15 09:07:09 24-Jun-15 09:07:	123519	5	MBP+D2O 150 K	24-Jun-15 06:29:11	24-Jun-15 06:59:31	1800.01	150.066	150	6.30453E+06	3502.51	1.43148E+06	795.266	295	-1443
123522 5 MBP+D20 150 K 24-Jun-15 08:00:19 24-Jun-15 08:00:39 1800.01 150.071 150 6.31223E+06 3506.78 1.43133E+06 795.181 295 -1443 123523 5 Empty 3 - cooling to 150 K 24-Jun-15 09:01:11 24-Jun-15 09:03:00 94.1179 195.065 153.281 2374 25.2237 110 1.16875 295 -1443 123524 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:08 24-Jun-15 09:14:28 600.013 167.707 136.576 89927 149.875 476022 793.353 295 -1443 123525 5 Empty 3 - cooling to 150 K 24-Jun-15 09:14:20 600.013 154.313 145.174 88639 147.729 477311 795.502 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:15 24-Jun-15 09:35:13 600.013 149.721 150.006 87447 145.742 478827 798.028 295 -1443 123527 5 Empty 3 - cooling to 150 K 24-Jun-15 09	123520	5	MBP+D2O 150 K	24-Jun-15 06:59:34	24-Jun-15 07:29:54	1800.01	150.073	150.001	6.30601E+06	3503.33	1.43691E+06	798.28	295	-1443
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123524 5 Empty 3 - cooling to 150 K 24-Jun-15 09:04:08 24-Jun-15 09:14:28 600.013 167.707 136.576 89927 149.875 476022 793.353 295 -1443 123525 5 Empty 3 - cooling to 150 K 24-Jun-15 09:14:30 24-Jun-15 09:24:51 600.013 154.313 145.174 88639 147.729 477311 795.502 295 -1443 123526 5 Empty 3 - cooling to 150 K 24-Jun-15 09:24:53 24-Jun-15 09:35:13 600.013 149.721 150.006 87447 145.742 478827 798.028 295 -1443 123527 5 Empty 3 - cooling to 150 K 24-Jun-15 09:35:15 24-Jun-15 09:36:20 45.0914 149.549 150.005 6432 142.644 36643 812.639 295 -1443 123528 5 Empty 3 - 150 K 24-Jun-15 10:07:19 1800.01 149.542 149.998 261622 145.345 1.43366E+06 796.47 295 -1443 123529 5 Empty 3 - 150 K 24-Jun-15 10:07:22 24-Jun-15 10:27:36 1193.92 149.9 150.001 174341 146.024 952552 797.836 295 -1443 123530 5 Empty 2 - cooling to 150 K 24-Jun-15 10:55:04 24-Jun-15 11:05:24 600.012 153.403 146.319 92238 153.727 475924 793.19 295 -1443 123531 5 Empty 2 - cooling to 150 K 24-Jun-15 11:15:26 24-Jun-15 11:15:37 590.849 148.845 150.003 90355 152.924 467376 791.024 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:14:601 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:14:603 24-Jun-15 12:16:23 1800.01 149.912 150 27579 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:23:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.7		5	Empty 3 - cooling to 150 K	24-Jun-15 09:01:11	24-Jun-15 09:03:06	94.1179						1.16875		
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123528 5 Empty 3 - 150 K 24-Jun-15 10:07:19 1800.01 149.542 149.998 261622 145.345 1.43366E+06 796.47 295 -1443 123529 5 Empty 3 - 150 K 24-Jun-15 10:07:22 24-Jun-15 10:27:36 1193.92 149.9 150.001 174341 146.024 952552 797.836 295 -1443 123530 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:04 24-Jun-15 11:05:24 600.012 153.403 146.319 92238 153.727 475924 793.19 295 -1443 123531 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:26 24-Jun-15 11:15:37 590.849 148.845 150.003 90355 152.924 467376 791.024 295 -1443 123532 5 Empty 2 - 150 K 24-Jun-15 11:15:41 24-Jun-15 11:46:01 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123529 5 Empty 3 - 150 K 24-Jun-15 10:07:22 24-Jun-15 10:27:36 1193.92 149.9 150.001 174341 146.024 952552 797.836 295 -1443 123530 5 Empty 2 - cooling to 150 K 24-Jun-15 10:55:04 24-Jun-15 11:05:24 600.012 153.403 146.319 92238 153.727 475924 793.19 295 -1443 123531 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:26 24-Jun-15 11:15:37 590.849 148.845 150.003 90355 152.924 467376 791.024 295 -1443 123532 5 Empty 2 - 150 K 24-Jun-15 11:15:41 24-Jun-15 11:46:01 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123530 5 Empty 2 - cooling to 150 K 24-Jun-15 10:55:04 24-Jun-15 11:05:24 600.012 153.403 146.319 92238 153.727 475924 793.19 295 -1443 123531 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:26 24-Jun-15 11:15:37 590.849 148.845 150.003 90355 152.924 467376 791.024 295 -1443 123532 5 Empty 2 - 150 K 24-Jun-15 11:15:41 24-Jun-15 11:46:01 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123531 5 Empty 2 - cooling to 150 K 24-Jun-15 11:05:26 24-Jun-15 11:15:37 590.849 148.845 150.003 90355 152.924 467376 791.024 295 -1443 123532 5 Empty 2 - 150 K 24-Jun-15 11:15:41 24-Jun-15 11:46:01 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123532 5 Empty 2 - 150 K 24-Jun-15 11:15:41 24-Jun-15 11:46:01 1800.01 149.242 150.002 274553 152.528 1.43369E+06 796.491 295 -1443 123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123533 5 Empty 2 - 150 K 24-Jun-15 11:46:03 24-Jun-15 12:16:23 1800.01 149.912 150 275797 153.22 1.43612E+06 797.839 295 -1443 123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443														
123534 5 Empty 2 - 150 K 24-Jun-15 12:16:26 24-Jun-15 12:20:20 214.558 149.945 150 33026 153.926 171355 798.642 295 -1443 123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443			, ,											
123535 5 Vanadium 0.5mm 24-Jun-15 12:34:49 24-Jun-15 13:05:09 1800.01 164.226 155.736 1.81368E+06 1007.59 1.43279E+06 795.988 295 -1443			, , ,											
123536 5 Vanadium 0.5mm 24-Jun-15 13:05:11 24-Jun-15 13:14:53 561.5 160.242 154.75 565145 1006.49 448995 799.635 295 -1443														
	123536	5	Vanadium 0.5mm	24-Jun-15 13:05:11	24-Jun-15 13:14:53	561.5	160.242	154.75	565145	1006.49	448995	799.635	295	-1443

Utilized Data

rup number	wavalanath	experiment_identifier	start_time	end_time	duration	tomporatura	regulation_temperature	dotsum	dotrato	moneum	monrato	elasticpeak	SPot
_		-				-				monsum		<u> </u>	
123400		MBP+H2O 297K		22-Jun-15 12:42:41	1800.01	296.421		1.22701E+07		1.43123E+06	795.122		-1443
123401		MBP+H2O 297K		22-Jun-15 13:13:05	1800.01	296.155		1.22666E+07			795.083		-1443
123411		MBP+H2O cooling to 150 K		22-Jun-15 14:56:54	600.012	149.847		3.86419E+06		478892	798.137		-1443
123412		MBP+H2O cooling to 150 K		22-Jun-15 15:07:17	600.012	149.443		3.85989E+06		479527	799.196		-1443
123413		MBP+H2O cooling to 150 K		22-Jun-15 15:17:40	600.012	149.521		3.86682E+06		478856	798.077		-1443
123414		MBP+H2O cooling to 150 K		22-Jun-15 15:28:02	600.012	149.675		3.87025E+06		479494	799.141		-1443
123415		MBP+H2O cooling to 150 K		22-Jun-15 15:38:25	600.012	149.804		3.86775E+06		479003	798.323		-1443
123416		MBP+H2O cooling to 150 K		22-Jun-15 15:41:30	162.026	149.835		1.04337E+06		128667	794.116		-1443
123417		MBP+H2O 150 K		22-Jun-15 16:11:58	1800.01	149.99		1.16068E+07			797.152		-1443
123418		MBP+H2O 150 K		22-Jun-15 16:42:21	1800.01	150.033		1.16177E+07			798.347		-1443
123419	5	MBP+H2O 150 K	22-Jun-15 16:42:24	22-Jun-15 17:12:44	1800.01	150.049	150	1.16122E+07	6451.17	1.43223E+06	795.681	295	-1443
123420	5	MBP+H2O 150 K	22-Jun-15 17:12:47	22-Jun-15 17:43:07	1800.01	150.057		1.16181E+07			797.509	295	-1443
123421	5	MBP+H2O 150 K	22-Jun-15 17:43:10	22-Jun-15 18:13:30	1800.01	150.067				1.43351E+06	796.389	295	-1443
123422	5	MBP+H2O 150 K	22-Jun-15 18:13:32	22-Jun-15 18:34:53	1259.84	150.072	150.002	8.13397E+06			797.494	295	-1443
123459	5	Empty 1 - cooling to 150 K	23-Jun-15 10:35:06	23-Jun-15 10:45:26	600.012	150.196	150.004	94520	157.53	481164	801.924	295	-1443
123460	5	Empty 1 - cooling to 150 K	23-Jun-15 10:45:28	23-Jun-15 10:46:54	65.982	149.924	150.004	10394	157.528	52941	802.355	295	-1443
123461	5	Empty 1 - 150 K	23-Jun-15 10:47:16	23-Jun-15 11:17:36	1800.01	149.62	150	282721	157.066	1.43927E+06	799.587	295	-1443
123462	5	Empty 1 - 150 K	23-Jun-15 11:17:39	23-Jun-15 11:47:59	1800.01	149.993	149.999	280921	156.066	1.237E+06	799.164	295	-1443
123463	5	Empty 1 - 150 K	23-Jun-15 11:48:01	23-Jun-15 12:11:07	1366.02	150.365	150	212832	155.805	1.09201E+06	799.415	295	-1443
123467	5	Empty 4 - cooling to 150 K	23-Jun-15 13:02:03	23-Jun-15 13:03:10	47.1919	149.933	150.005	6379	135.172	37625	797.277	295	-1443
123468	5	Empty 4 - 150 K	23-Jun-15 13:03:27	23-Jun-15 13:33:47	1800.01	149.508	150.003	240371	133.539	1.4343E+06	796.827	295	-1443
123469	5	Empty 4 - 150 K	23-Jun-15 13:33:50	23-Jun-15 14:04:10	1800.01	149.976	149.998	239265	132.924	1.4353E+06	797.384	295	-1443
123470	5	Empty 4 - 150 K	23-Jun-15 14:05:12	23-Jun-15 14:06:00	27.0687	149.989	150.002	3724	137.576	20506	757.554	295	-1443
123471	5	Empty 4 - 300 K	23-Jun-15 14:48:45	23-Jun-15 15:19:05	1800.01	297.505	296.999	320016	177.786	1.44281E+06	801.556	295	-1443
123472	5	Empty 4 - 300 K	23-Jun-15 15:19:07	23-Jun-15 15:35:36	968.446	296.435	297.002	171684	177.278	773367	798.565	295	-1443
123497	5	MBP+D2O 300 K	23-Jun-15 22:40:41	23-Jun-15 23:11:01	1800.01	296.058	297	6.61354E+06	3674.16	1.43574E+06	797.626	295	-1443
123498	5	MBP+D2O 300 K	23-Jun-15 23:11:04	23-Jun-15 23:41:24	1800.01	295.995	297	6.61843E+06	3676.88	1.44047E+06	800.258	295	-1443
123499	5	MBP+D2O 300 K	23-Jun-15 23:41:27	24-Jun-15 00:11:47	1800.01	296.01	297	6.61531E+06	3675.15	1.43081E+06	794.889	295	-1443
123500	5	MBP+D2O 300 K	24-Jun-15 00:11:50	24-Jun-15 00:42:11	1800.01	295.971	297	6.62265E+06	3679.23	1.43658E+06	798.092	295	-1443
123509	5	MBP+D2O cooling to 150 K	24-Jun-15 02:05:24	24-Jun-15 02:15:44	600.013	150.902	150.012	2.11173E+06	3519.48	478711	797.835	295	-1443
123510	5	MBP+D2O cooling to 150 K	24-Jun-15 02:15:47	24-Jun-15 02:26:07	600.013	149.571	149.999	2.10901E+06	3514.95	478549	797.565	295	-1443
123511	5	MBP+D2O 150 K	24-Jun-15 02:26:09	24-Jun-15 02:56:30	1800.01	149.735	149.999	6.3291E+06	3516.14	1.43665E+06	798.133	295	-1443
123512	5	MBP+D2O 150 K	24-Jun-15 02:56:32	24-Jun-15 03:26:52	1800.01	149.972	149.999	6.31996E+06	3511.06	1.43384E+06	796.574	295	-1443
123513	5	MBP+D2O 150 K	24-Jun-15 03:26:55	24-Jun-15 03:57:15	1800.01	150.032	150.004	6.30493E+06	3502.73	1.43408E+06	796.706	295	-1443
123514	5	MBP+D2O 150 K	24-Jun-15 03:57:17	24-Jun-15 04:27:38	1800.01	150.047	150	6.30872E+06	3504.83	1.43615E+06	797.858	295	-1443
123515	5	MBP+D2O 150 K	24-Jun-15 04:27:40	24-Jun-15 04:58:00	1800.01	150.058	150	6.30258E+06	3501.42	1.43767E+06	798.705	295	-1443
123516	5	MBP+D2O 150 K	24-Jun-15 04:58:03	24-Jun-15 05:28:23	1800.01	150.058	150	6.30383E+06	3502.12	1.43589E+06	797.712	295	-1443
123517	5	MBP+D2O 150 K	24-Jun-15 05:28:26	24-Jun-15 05:58:46	1800.01	150.063	149.998	6.30806E+06	3504.47	1.43534E+06	797.409	295	-1443
123518	5	MBP+D2O 150 K	24-Jun-15 05:58:48	24-Jun-15 06:29:09	1800.01	150.065	149.998	6.30786E+06	3504.36	1.43544E+06	797.464	295	-1443
123519	5	MBP+D2O 150 K	24-Jun-15 06:29:11	24-Jun-15 06:59:31	1800.01	150.066	150	6.30453E+06	3502.51	1.43148E+06	795.266	295	-1443
123520	5	MBP+D2O 150 K	24-Jun-15 06:59:34	24-Jun-15 07:29:54	1800.01	150.073	150.001	6.30601E+06	3503.33	1.43691E+06	798.28	295	-1443
123521	5	MBP+D2O 150 K	24-Jun-15 07:29:56	24-Jun-15 08:00:17	1800.01	150.072	149.999	6.3062E+06	3503.43	1.43606E+06	797.806	295	-1443
123522		MBP+D2O 150 K		24-Jun-15 08:30:39	1800.01	150.071				1.43133E+06	795.181		-1443
123535		Vanadium 0.5mm		24-Jun-15 13:05:09	1800.01	164.226		1.81368E+06			795.988		-1443
123536		Vanadium 0.5mm		24-Jun-15 13:14:53	561.5	160.242	154.75		1006.49	448995	799.635		-1443
.20000	9		2. 53 10 10.00.11	3. 33 13 13.14.00	501.0	. 55.2 12	104.70	300140	. 500.40	710000	. 55.555	200	

General Information

		Transmission	
Sample (c	alcolated)	Cell	Vanadium
MBP + H2O	MBP + D20	(considered negligible)	vanaulum
0.91	0.93	1	null
Note: the trans	mission error is	considered negligible	
	Total rate o	f monitor	
Average	Dev. Stand.	Percent. err.	
797	6	0.8	

MBP + H2O at ≈ 297 K

										[File: 123	400_12340)1.hdf]							
Wavelength [Å]	Sta	art tiı	ne		En	d tin	ne		Duration [sec]	Temperature	Regulation	DetS	um	DetRate	MonSun	n	MonRate	Elastic	SRot
of incident neutron	Day		Time	•	Day		Time		measured calculated	, [K]	Temp. [K]	Total num. o	of neutron	Neutron rate	Total neutron num. o	of MONITOR	Neutron rate of	peak	
		h	min	sec		h	min	sec				measured	calculated		measured	calculated	MONITOR	[ToF]	
5	22/06/201	5 12	12	21	22/06/2015	12	42	41	1800.01 182	296.421	296.999	1.22701E+07	1.22684E+07	6816.7	1.43123E+06	1.43119E+06	795.122	295	-1443
5	22/06/201	5 12	42	45	22/06/2015	13	13	5	1800.01 182	296.155	296.998	1.22666E+07	1.22684E+07	6814.74	1.43116E+06	1.43119E+06	795.083	295	-1443
										Average				Average			Average		
										296.29				6815.72			795.10		
										Dev. Stand.				Dev. Stand.			Dev. Stand.		
										0.19				1.4			0.03		
										Percent. err.				Percent. err.			Percent. err.		
										0.06				0.02			0.003		

MBP + H2O at ≈ 150 K

											[File: 123	412_123422	2.hdf]							
Wavelength [Å]			End	d tiı	me		Duratio	on [sec]	Temperature	Regulation	Det	Sum	DetRate	MonSum		MonRate	Elastic	SRot		
of incident neutron	Day		Time	e	Day		Time		measured	calculated	[K]	Temp. [K]	Total num.	of neutron	Neutron rate	Total neutron num. of	MONITOR	Neutron rate of	peak	
		h	min	sec		h	min	sec					measured	calculated		measured	calculated	MONITOR	[ToF]	
											coc	LING to 150K								
5	22/06/2015	14	56	5 57	22/06/2015	1:	5 7	17	600.012	620	149.443	150	3859890	3865701	6433.01	479527	478672	799.196	295	-1443
5	22/06/2015	15	7	7 19	22/06/2015	1:	5 17	40	600.012	621	149.521	149.999	3866820	3865701	6444.57	478856	478672	798.077	295	-1443
5	22/06/2015	15	17	7 42	22/06/2015	1:	5 28	2	600.012	620	149.675	150.001	3870250	3865701	6450.29	479494	478672	799.141	295	-1443
5	22/06/2015	15	28	5	22/06/2015	1	5 38	25	600.012	620	149.804	149.998	3867750	3865701	6446.12	479003	478672	798.323	295	-1443
5	22/06/2015	15	38	3 27	22/06/2015	1	5 41	30	162.026	183	149.835	149.998	1043370	1043886	6439.54	128667	129260	794.116	295	-1443
											Average				Average			Average		
											149.66				6443			798		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.17				7			2		
											Percent. err.				Percent. err.					
											0.11				0.10					
											C00	LED at ≃ 150 K								
5	22/06/2015	15	41	1 38	22/06/2015	10	6 11	58	1800.01	1820	149.99	149.998	11606800	11616146	6448.17	1434880	1434780	797.152	295	-1443
5	22/06/2015	16	12	2 1	22/06/2015	10	6 42	21	1800.01	1820	150.033	150.004	11617700	11616146	6454.26	1437030	1434780	798.347	295	-1443
5	22/06/2015	16	42	2 24	22/06/2015	1	7 12	44	1800.01	1820	150.049	150	11612200	11616146	6451.17	1432230	1434780	795.681	295	-1443
5	22/06/2015	17	12	2 47	22/06/2015	1	7 43	7	1800.01	1820	150.057	150.001	11618100	11616146	6454.46	1435520	1434780	797.509	295	-1443
5	22/06/2015	17	43	3 10	22/06/2015	18	8 13	30	1800.01	1820	150.067	150.002	11620600	11616146	6455.86	1433510	1434780	796.389	295	-1443
5	22/06/2015	18	13	32	22/06/2015	18	8 34	53	1259.84	1281	150.072	150.002	8133970	8130224	6456.35	1004720	1004213	797.494	295	-1443
											Average				Average			Average		
											150.04				6453.38			797.10		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.03				3			0.9		
											Percent. err.				Percent. err.			Percent. err.		
											0.02				0.05			0.12		

MBP + D2O at ≈ 297 K

											[File: 1234	97_123500	0.hdf]							
Wavelength [Å]	Star	t tim	ie		End	d tim	ie		Duratio	on [sec]	Temperature	Regulation	DetSu	ım	DetRate	MonSum		MonRate	Elastic	SRot
of incident neutron	Day		Time		Day		Time		measured	calculated	[K]	Temp. [K]	Total num. of	fneutron	Neutron rate	Total neutron num. of	MONITOR	Neutron rate of	peak [ToF]	
		h	min	sec		h	min	sec					measured	calculated		measured	calculated	MONITOR	[101]	
5	23/06/2015	22	40	41	23/06/2015	23	11	1	1800.01	1820	296.058	297	6613540	6617476	3674.16	1435740	1435897	797.626	295	-1443
5	23/06/2015	23	11	4	23/06/2015	23	41	24	1800.01	1820	295.995	297	6618430	6617476	3676.88	1440470	1435897	800.258	295	-1443
5	23/06/2015	23	41	27	24/06/2015	24	11	47	1800.01	1820	296.01	297	6615310	6617476	3675.15	1430810	1435897	794.889	295	-1443
5	24/06/2015	0	11	50	24/06/2015		42	11	1800.01	1821	295.971	297	6622650	6617476	3679.23	1436580	1435897	798.092	295	-1443
											Average				Average			Average		
											296.01				3676			798		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.04				2			2		
											Percent. err.				Percent. err.			Percent. err.		
										0.01				0.06			0.277			

MBP + D2O at ≈ 150 K

											[File: 1235	10_123522	?.hdf]							
Wavelength [Å]	Star	t tim	ne		En	d tir	ne		Duratio	on [sec]	Temperature	Regulation	DetSu	ım	DetRate	MonSum	1	MonRate	Elastic	SRot
of incident neutron	Day		Time	9	Day		Time		measured	calculated	[K]	Temp. [K]	Total num. of	fneutron	Neutron rate	Total neutron num. of	MONITOR	Neutron rate of	peak [ToF]	
		h	min	sec		h	min	sec					measured	calculated		measured	calculated	MONITOR	[101]	
							·				COOL	ING to 150K								
5	24/06/2015	2	15	5 47	24/06/2015	2	26	7	600.013	620	149.571	149.999	2.10901E+06		3514.95	478549		797.565	295	-1443
									!	'	COOL	ED at ≃ 150 K		-						
5	24/06/2015	2	26	3 9	24/06/2015	2	56	30	1800.01	1821	149.735	149.999	6.3291E+06	6309512	3516.14	1.43665E+06	1435072	798.133	295	-1443
5	24/06/2015	2	56	32	24/06/2015	3	3 26	52	1800.01	1820	149.972	149.999	6.31996E+06	6309512	3511.06	1.43384E+06	1435072	796.574	295	-1443
5	24/06/2015	3	26	5 55	24/06/2015	3	57	15	1800.01	1820	150.032	150.004	6.30493E+06	6309512	3502.73	1.43408E+06	1435072	796.706	295	-1443
5	24/06/2015	3	57	17	24/06/2015	4	27	38	1800.01	1821	150.047	150	6.30872E+06	6309512	3504.83	1.43615E+06	1435072	797.858	295	-1443
5	24/06/2015	4	27	40	24/06/2015	4	58	0	1800.01	1820	150.058	150	6.30258E+06	6309512	3501.42	1.43767E+06	1435072	798.705	295	-1443
5	24/06/2015	4	58	3 3	24/06/2015	5	28	23	1800.01	1820	150.058	150	6.30383E+06	6309512	3502.12	1.43589E+06	1435072	797.712	295	-1443
5	24/06/2015	5	28	3 26	24/06/2015	5	58	46	1800.01	1820	150.063	149.998	6.30806E+06	6309512	3504.47	1.43534E+06	1435072	797.409	295	-1443
5	24/06/2015	5	58	3 48	24/06/2015	6	29	9	1800.01	1821	150.065	149.998	6.30786E+06	6309512	3504.36	1.43544E+06	1435072	797.464	295	-1443
5	24/06/2015	6	29	11	24/06/2015	6	59	31	1800.01	1820	150.066	150	6.30453E+06	6309512	3502.51	1.43148E+06	1435072	795.266	295	-1443
5	24/06/2015	6	59	34	24/06/2015	7	29	54	1800.01	1820	150.073	150.001	6.30601E+06	6309512	3503.33	1.43691E+06	1435072	798.28	295	-1443
5	24/06/2015	7	29	56	24/06/2015	8	0	17	1800.01	1821	150.072	149.999	6.3062E+06	6309512	3503.43	1.43606E+06	1435072	797.806	295	-1443
5	24/06/2015	8	C) 19	24/06/2015	8	30	39	1800.01	1820	150.071	150	6.31223E+06	6309512	3506.78	1.43133E+06	1435072	795.181	295	-1443
											Average				Average			Average		
											150.03				3505			797.3		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.10				4			1.1		
											Percent. err.				Percent. err.			Percent. err.		
											0.06				0.12			0.14		

Cell 4 at ≃ 297 K

											[File: 1234	71_123472	2.hdf]							
Wavelength [Å]	Star	t tin	ne		End	d tim	ne		Duration	on [sec]	Temperature	Regulation	DetSu	ım	DetRate	MonSum		MonRate	Elastic	SRot
of incident neutron	Day		Time		Day		Time		measured	calculated	[K]	Temp. [K]	Total num. o	f neutron	Neutron rate	Total neutron num. of	MONITOR	Neutron rate of	peak [ToF]	
		h	min	sec		h	min	sec					measured	calculated		measured	calculated	MONITOR	[101]	
5	23/06/2015	14	48	45	23/06/2015	15	19	5	1800.01	1820	297.505	296.999	320016	319559	177.786	1442810	1440117	801.556	295	-1443
5	23/06/2015	15	19	7	23/06/2015	15	35	36	968.446	989	296.435	297.002	171684	171930	177.278	773367	774815	798.565	295	-1443
											Average				Average			Average		
											296.97				177.53			800.06		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.76				0.4			2.11		
											Percent. err.				Percent. err.			Percent. err.		
											0.25				0.20			0.264		

Cell 1 at ≈ 150 K

												[File: 1234	60_123463	3.hdf]							
Wavelength [Å]	Star	rt tin	ne			End	l tim	e		Duratio	on [sec]	Temperature		DetSu	ım	DetRate	MonSum	1	MonRate	Elastic	SRot
of incident neutron	Day		Time	,		Day		Time		measured	calculated	[K]	Temp. [K]	Total num. of	f neutron	Neutron rate	Total neutron num. of	f MONITOR	Neutron rate of	peak [ToF]	
		h	min	se	С		h	min	sec					measured	calculated		measured	calculated	MONITOR	[lol]	
		06/2015 10 45 28										COOL	ING to 150K								
5	23/06/2015	10	45	28	8 2	23/06/2015	10	46	54	65.982	86	149.924	150.004	10394		157.528	52941		802.355	295	-1443
												COOL	ED at ≈ 150 K								
5	23/06/2015	10	47	10	6 2	23/06/2015	11	17	36	1800.01	1820	149.62	150	282721	281364	157.066	1.43927E+06	1438908	799.587	295	-1443
5	23/06/2015	/06/2015 11 17 39		9 2	23/06/2015	11	47	59	1800.01	1820	149.993	149.999	280921	281364	156.066	1.237E+06	1438908	799.164	295	-1443	
5	23/06/2015	11	48		1 2	23/06/2015	12	11	7	1366.02	1386	150.365	150	212832	213526	155.805	1.09201E+06	1091981	799.415	295	-1443
												Average				Average			Average		
												150.0				156.3			799.4		
												Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.4				0.7			0.2			
												Percent. err.				Percent. err.			Percent. err.		
												0.2				0.4			0.03		

Cell 4 at ≃ 150 K

											[File: 1234	67_123470).hdf]							
Wavelength [Å]	Star	t tin	пе		En	d tir	ne		Duration	on [sec]	Temperature	Regulation	DetSu	ım	DetRate	MonSum		MonRate	Elastic	SRot
of incident neutron	Day		Time	•	Day		Time	•	measured	calculated	[K]	Temp. [K]	Total num. of	neutron	Neutron rate	Total neutron num. of	MONITOR	Neutron rate of	peak	
		h	min	sec		h	min	sec	:				measured	calculated		measured	calculated	MONITOR	[ToF]	
											COOI	LING to 150K								
5	23/06/2015	13	2	3	23/06/2015	13	3 3	10	47.1919	67	149.933	150.005	6379		135.172	37625		797.277	295	-1443
											COOL	ED at ≃ 150 K								
5	23/06/2015	13	3	27	23/06/2015	13	3 33	47	1800.01	1820	149.508	150.003	240371	242425	133.539	1.4343E+06	1411067	796.827	295	-1443
5	23/06/2015	13	33	50	23/06/2015	14	1 4	. 10	1800.01	1820	149.976	149.998	239265	242425	132.924	1.4353E+06	1411067	797.384	295	-1443
5	23/06/2015	14	5	12	23/06/2015	14	1 6	6 (27.0687	48	149.989	150.002	3724	3646	137.576	20506	21220	757.554	295	-1443
											Average				Average			Average		
											149.8				135			784		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											0.3				3			23		
											Percent. err.				Percent. err.			Percent. err.		
											0.2				1.9			3		

Vanadium 0.5 mm

											[File: 12	3535_1235	536.hdf]							
Wavelength [Å]	Star	t tin	ne		En	d tin	ne		Duratio	on [sec]	Temperature	Regulation	DetSu	ım	DetRate	MonSun	1	MonRate	Elastic	SRot
of incident neutron	Day		Tim	е	Day		Time		measured	calculated	[K]	Temp. [K]	Total num. of	neutron	Neutron rate	Total neutron num. o	f MONITOR	Neutron rate of	peak [ToF]	
		h	miı	n sec		h	min	sec					measured	calculated		measured	calculated	MONITOR	[IOF]	
5	24/06/2015	12	34	4 49	24/06/2015	13	5	9	1800.01	1820	164.226	155.736	1.81368E+06	1.81268E+06	1007.59	1.43279E+06	1.43607E+06	795.988	295	-1443
5	24/06/2015	13		5 11	24/06/2015	13	14	53	561.5	582	160.242	154.75	565145	5.65453E+05	1006.49	448995	4.47971E+05	799.635	295	-1443
	24/06/2015 13 5 11																			
											Average				Average			Average		
											162				1007.0			798		
											Dev. Stand.				Dev. Stand.			Dev. Stand.		
											3				0.8			3		
											Percent. err.				Percent. err.			Percent. err.		
											2				0.08			0.3		