Run 1			
Static Data		Start Time (peltier on):	11:55 AN
Size of cold stage:	51 mm	End Time (peltier off):	12:1
Height of cold stage:	8 mm		
vacuum pressure (set)	50 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current	90		
Additional Comments	I waitied to turn on the Peltier untill the pressure was 60		
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
11:55	set peltier to -35 (pressure is 60)		
11:57	hit 50 Pa		
11:58	3 crystals first observed	-35.2 (just hit)	
	good growth roughening occuring	-34.9	
	3 set temp to -33 to take 3D image		
	4 set to-32		
	7 Took 3D image (based on timestamps was determined to be from run 1 and renamed as case 1.0) (oringinally named 8.0)	-32.8	
	eset to -30 to ablate further	02.0	
	3 set to -32 for pictures		
	3 Took 3D image (based on timestamps was determined to be from run 1 and renamed as case 1.1) (originally named 8.1)	-32.8	
	set to -35 to try and re-grow	-35.6	
	3 crystal ablated too much for effective re-growth	-35.7	
	ending experiment	-55.7	
12.13	ending experiment		
Run 2			
Static Data		Start Time (peltier on):	1:21 Al
O: of d -t			2:0
Size of cold stage:	51 mm	End Time (peltier off):	2.0
Size of cold stage: Height of cold stage:	51 mm 8 mm	End Time (peltier off):	2.0
Height of cold stage:		End Time (peltier off):	2.0
Height of cold stage: vacuum pressure (set)	8 mm 50 Pa	End Time (peltier off):	2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage)	8 mm 50 Pa 5um	End Time (peltier off):	2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current	8 mm 50 Pa 5um 12kv		2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current	8 mm 50 Pa 5um 12kv 80		2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments	8 mm 50 Pa 5um 12kv		2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments	8 mm 50 Pa 5um 12kv 80		2.0
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa		
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation		Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35		
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21 1:24	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 crystals observed (-32.6C and 50Pa)	Temperature (actual)	Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21 1:24 1:27	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 crystals observed (-32.6C and 50Pa) 7 set to -33 to slow growth		Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21 1:24 1:27 1:30	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 crystals observed (-32.6C and 50Pa) 7 set to -33 to slow growth 50 set to -35	Temperature (actual)	Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:24 1:27 1:30 1:35	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 crystals observed (-32.6C and 50Pa) 7 set to -33 to slow growth 0 set to -35 Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.0) (oringinally named 9.0)	Temperature (actual) -34.9 -35.6	Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21 1:24 1:27 1:30 1:35 1:37	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 4 crystals observed (-32.6C and 50Pa) 7 set to -33 to slow growth 0 set to -35 Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.0) (oringinally named 9.0) 7 set to -32 (ablation)	Temperature (actual) -34.9 -35.6 -32.7	Crystal Size
Height of cold stage: vacuum pressure (set) Z/TILT (distance of detector from stage) vacuum current probe current Additional Comments Additional Comments Kinetic Data Time 1:21 1:24 1:30 1:35 1:37 1:42	8 mm 50 Pa 5um 12kv 80 started peltier at 90 Pa Action/observation 1 temp set to -35 crystals observed (-32.6C and 50Pa) 7 set to -33 to slow growth 0 set to -35 Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.0) (oringinally named 9.0)	Temperature (actual) -34.9 -35.6	Crystal Size