

Importing 2013\_binary.001 with SSRLA, SSRLB plugins enabled...Demeter 0.9.22 on win10prox64

Athena: Column selection

# SSRL - EXAFS Data Collector 1.3  
# Wed Jul 10 13:01:44 2013  
# PTS: 526 COLS: 69  
# GE30SCAL.DET  
# MO\_K17.RGN  
# 7-3 unfocused 1.790 -4 Si(220) 1.920170 20000  
# 4 2000 5 RST 0 0  
# Na2MoO4 (White powder in 10% glycol) about 500 uM  
# As prepared from sigma aldrich in delrin cell  
# Prepared at UNM  
# LHe temp (10K) in cryostat  
# IO = 1E6 -2nA I1 = 1E6 -500pA I2 = 1E6 50pA  
# 500 mA with 5 min tophoff mode  
# Offsets: 0.000 0.000 0.000 0.000 271839975667859560  
# Weights: 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
# -----  
# Achieved\_Energy Requested\_Energy rtc IO I1 I2 Lytle  
19690.029 19690.000 1.000 86968.898 60458.801  
19696.027 19696.000 1.000 86857.898 60397.801  
19702.027 19702.000 1.000 86774.898 60353.801  
19708.033 19708.000 1.000 86616.898 60260.801  
19714.043 19714.000 1.000 86464.898 60169.801  
19719.951 19720.000 1.000 86448.898 60174.801  
19725.967 19726.000 1.000 86275.898 60068.801  
19731.986 19732.000 1.000 86078.898 59948.801  
19738.012 19738.000 1.000 86042.898 59939.801  
19744.039 19744.000 1.000 85745.898 59750.801  
19749.965 19750.000 1.000 85860.898 59841.801  
19756.000 19756.000 1.000 85840.898 59841.801  
19762.039 19762.000 1.000 85687.898 59750.801  
19767.977 19768.000 1.000 85295.898 59495.801  
19774.023 19774.000 1.000 85361.898 59555.801  
19779.969 19780.000 1.000 85277.898 59511.801  
19786.021 19786.000 1.000 85151.898 59437.801  
19791.975 19792.000 1.000 85007.898 59352.801  
19798.035 19798.000 1.000 84977.898 59347.801  
19803.996 19804.000 1.000 84824.898 59256.801

This imports without issue.

Importing 2015\_binary.001 crashes Athena.

Athena.log file gives message:

At line 316 of file iff\_rddata.f Fortran runtime error: End of record



Athena: Column selection

Select range
Clear numerator
Pause plotting

achieved\_energy requested\_energy rtc

Energy

Numerator

Denominator

Natural log  Invert Multiplicative constant

Save each channel as its own group

Data type  Energy units  Replot

Energy

μ(E)

**Preprocess** Rebin Reference

Import reference channel

achieved\_energy requested\_energy rtc

Numerator

Denominator

Replot reference  Natural log  Same element

OK
Cancel
About

0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
0.0000	0.0000	0.0000			
19690.0290	19690.0000	1.0000	86968.8980	60458.801	
19696.0270	19696.0000	1.0000	86857.8980	60397.801	
19702.0270	19702.0000	1.0000	86774.8980	60353.801	
19708.0330	19708.0000	1.0000	86616.8980	60260.801	
19714.0430	19714.0000	1.0000	86464.8980	60169.801	
19719.9510	19720.0000	1.0000	86448.8980	60174.801	
19725.9670	19726.0000	1.0000	86275.8980	60068.801	
19731.9860	19732.0000	1.0000	86078.8980	59948.801	
19738.0120	19738.0000	1.0000	86042.8980	59939.801	
19744.0390	19744.0000	1.0000	85745.8980	59750.801	
19749.9650	19750.0000	1.0000	85860.8980	59841.801	
19756.0000	19756.0000	1.0000	85840.8980	59841.801	
19762.0390	19762.0000	1.0000	85687.8980	59750.801	
19767.9770	19768.0000	1.0000	85295.8980	59495.801	
19774.0230	19774.0000	1.0000	85361.8980	59555.801	
19779.9690	19780.0000	1.0000	85277.8980	59511.801	
19786.0210	19786.0000	1.0000	85151.8980	59437.801	
19791.9750	19792.0000	1.0000	85007.8980	59352.801	
19798.0350	19798.0000	1.0000	84977.8980	59347.801	
19803.9960	19804.0000	1.0000	84824.8980	59256.801	
19809.9590	19810.0000	1.0000	84591.8980	59109.801	
19816.0310	19816.0000	1.0000	84591.8980	59124.801	
19822.0020	19822.0000	1.0000	84312.8980	58942.801	
19827.9770	19828.0000	1.0000	84465.8980	59062.801	
19833.9550	19834.0000	1.0000	84214.8980	58902.801	
19840.0430	19840.0000	1.0000	84172.8980	58887.801	
19846.0270	19846.0000	1.0000	83991.8980	58776.801	