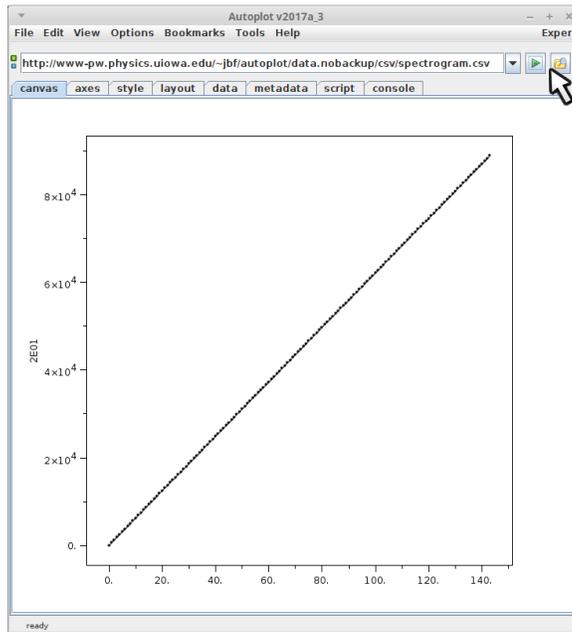


1. Plotting a spectrogram with the CSV reader is not possible. The URI here is <http://www-pw.physics.uiowa.edu/~jbf/autoplots/data.nobackup/csv/spectrogram.csv>



2. Selecting multiple columns will plot them as a stack of plots, not a spectrogram.

Autoplot v2017a_3

File Edit View Options Bookmarks Tools Help Expert

http://www-pw.physics.uiowa.edu/~jbf/autoplot/data.nobackup/csv/spectrogram.csv

canvas axes style layout data metadata script console

Editing URI http://www-pw.physics.uiowa.edu/~jbf/autoplot/data.nobackup/csv/spectrogram.csv

Column: Skip: 0

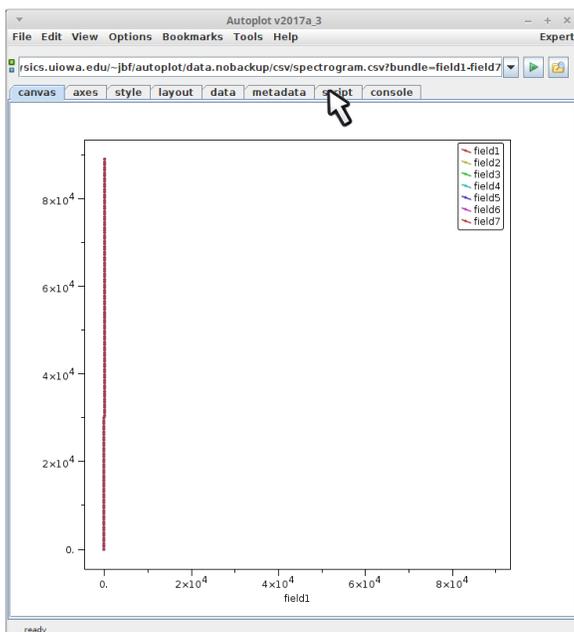
Depends On: Delim: , (comma)

	field0	field1	field2	field3	field4	field5	field6	field7	field8	field9	field
1	2017-10-...	0E00	1E00	2E00	3E00	4E00	5E00	6E00	7E00	8E00	9E00
2	2017-10-...	6.21E02	6.22E02	6.23E02	6.24E02	6.25E02	6.26E02	6.27E02	6.28E02	6.29E02	6.3E02
3	2017-10-...	1.242E03	1.243E03	1.244E03	1.245E03	1.246E03	1.247E03	1.248E03	1.249E03	1.25E03	1.251E03
4	2017-10-...	1.863E03	1.864E03	1.865E03	1.866E03	1.867E03	1.868E03	1.869E03	1.87E03	1.871E03	1.872E03
5	2017-10-...	2.484E03	2.485E03	2.486E03	2.487E03	2.488E03	2.489E03	2.49E03	2.491E03	2.492E03	2.493E03
6	2017-10-...	3.105E03	3.106E03	3.107E03	3.108E03	3.109E03	3.11E03	3.111E03	3.112E03	3.113E03	3.114E03
7	2017-10-...	3.726E03	3.727E03	3.728E03	3.729E03	3.73E03	3.731E03	3.732E03	3.733E03	3.734E03	3.735E03
8	2017-10-...	4.347E03	4.348E03	4.349E03	4.35E03	4.351E03	4.352E03	4.353E03	4.354E03	4.355E03	4.356E03
9	2017-10-...	4.968E03	4.969E03	4.97E03	4.971E03	4.972E03	4.973E03	4.974E03	4.975E03	4.976E03	4.977E03
10	2017-10-...	5.589E03	5.59E03	5.591E03	5.592E03	5.593E03	5.594E03	5.595E03	5.596E03	5.597E03	5.598E03
11	2017-10-...	6.21E03	6.211E03	6.212E03	6.213E03	6.214E03	6.215E03	6.216E03	6.217E03	6.218E03	6.219E03
12	2017-10-...	6.831E03	6.832E03	6.833E03	6.834E03	6.835E03	6.836E03	6.837E03	6.838E03	6.839E03	6.84E03
13	2017-10-...	7.452E03	7.453E03	7.454E03	7.455E03	7.456E03	7.457E03	7.458E03	7.459E03	7.46E03	7.461E03
14	2017-10-...	8.073E03	8.074E03	8.075E03	8.076E03	8.077E03	8.078E03	8.079E03	8.08E03	8.081E03	8.082E03
15	2017-10-...	8.694E03	8.695E03	8.696E03	8.697E03	8.698E03	8.699E03	8.7E03	8.701E03	8.702E03	8.703E03
16	2017-10-...	9.315E03	9.316E03	9.317E03	9.318E03	9.319E03	9.32E03	9.321E03	9.322E03	9.323E03	9.324E03
17	2017-10-...	9.936E03	9.937E03	9.938E03	9.939E03	9.94E03	9.941E03	9.942E03	9.943E03	9.944E03	9.945E03
18	2017-10-...	1.058E04	1.057E04								
19	2017-10-...	1.118E04	1.119E04								
20	2017-10-...	1.18E04	1.181E04	1.181E04	1.181E04						

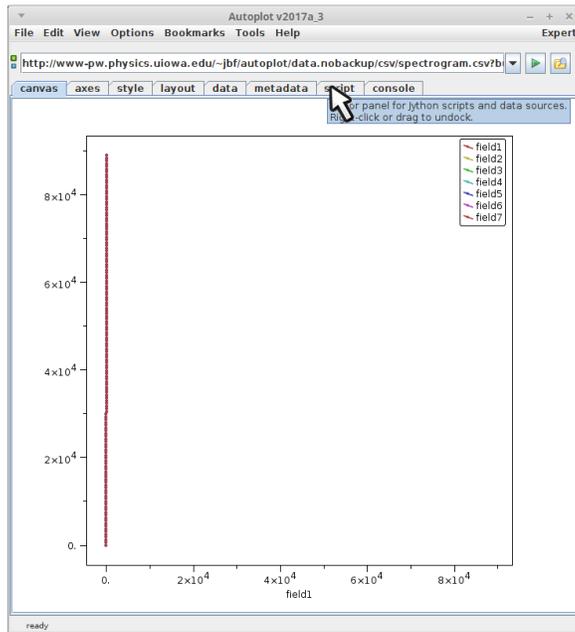
Cancel Overplot Plot Below Plot

ready

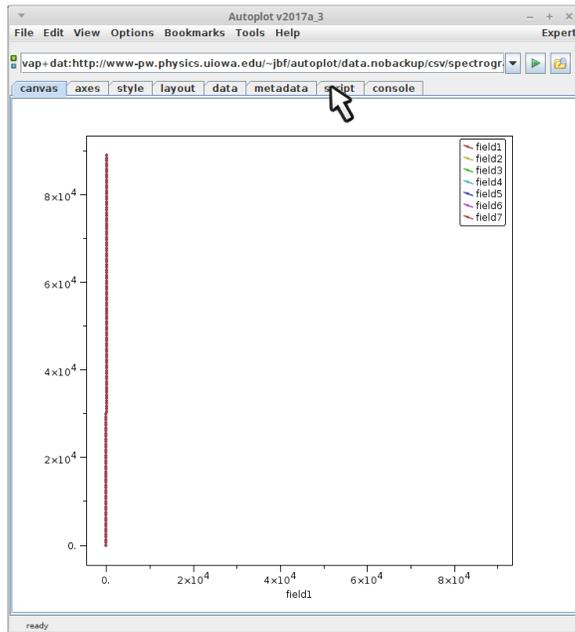
3. (Note there's a bug with Autoranging as well.)



4. If we prefix the URI with vap+dat: ...



5. ...the more generic ASCII reader will be used.



6. Enter the editor now and this one has more controls.

Editing URI vapi-dat:http://www.pw.physics.uiowa.edu/~jbf/autoplot/data.nobackup/csv/spectrogram.csv?bundle=field1-field7&rank2=field1-field21

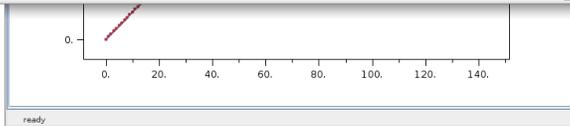
header times data labels

Column(s): field1-field7 bundle Select Fill Value: Select Guess

Depends On: time Valid Min: Valid Max:

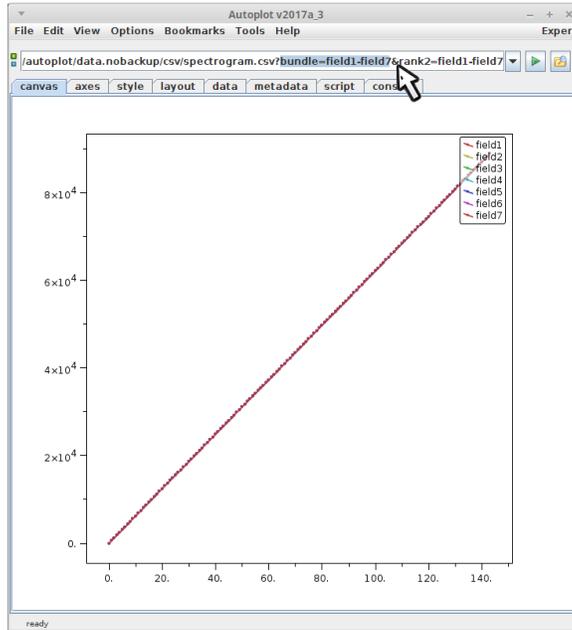
	field0	field1	field2	field3	field4	field5	field6	field7	field8	field9	field10	field11	field12	field13	field14	field15	field16	field17	field18	field19	field20	file	
1	2017-10-05T00:00:00.000...	0E00	1E00	2E00	3E00	4E00	5E00	6E00	7E00	8E00	9E00	1E01	1.1E01	1.2E01	1.3E01	1.4E01	1.5E01	1.6E01	1.7E01	1.8E01	1.9E01	2E01	6.41
2	2017-10-05T00:10:00.000...	6.21E02	6.22E02	6.23E02	6.24E02	6.25E02	6.26E02	6.27E02	6.28E02	6.29E02	6.3E02	6.31E02	6.32E02	6.33E02	6.34E02	6.35E02	6.36E02	6.37E02	6.38E02	6.39E02	6.4E02	6.41	1.24
3	2017-10-05T00:20:00.000...	1.242E03	1.243E03	1.244E03	1.245E03	1.246E03	1.247E03	1.248E03	1.249E03	1.25E03	1.251E03	1.252E03	1.253E03	1.254E03	1.255E03	1.256E03	1.257E03	1.258E03	1.259E03	1.26E03	1.261E03	1.262E03	1.26
4	2017-10-05T00:30:00.000...	1.863E03	1.864E03	1.865E03	1.866E03	1.867E03	1.868E03	1.869E03	1.87E03	1.871E03	1.872E03	1.873E03	1.874E03	1.875E03	1.876E03	1.877E03	1.878E03	1.879E03	1.88E03	1.881E03	1.882E03	1.883E03	1.88
5	2017-10-05T00:40:00.000...	2.484E03	2.485E03	2.486E03	2.487E03	2.488E03	2.489E03	2.49E03	2.491E03	2.492E03	2.493E03	2.494E03	2.495E03	2.496E03	2.497E03	2.498E03	2.499E03	2.5E03	2.501E03	2.502E03	2.503E03	2.504E03	2.50
6	2017-10-05T00:50:00.000...	3.105E03	3.106E03	3.107E03	3.108E03	3.109E03	3.11E03	3.111E03	3.112E03	3.113E03	3.114E03	3.115E03	3.116E03	3.117E03	3.118E03	3.119E03	3.12E03	3.121E03	3.122E03	3.123E03	3.124E03	3.125E03	3.12
7	2017-10-05T01:00:00.000...	3.726E03	3.727E03	3.728E03	3.729E03	3.73E03	3.731E03	3.732E03	3.733E03	3.734E03	3.735E03	3.736E03	3.737E03	3.738E03	3.739E03	3.74E03	3.741E03	3.742E03	3.743E03	3.744E03	3.745E03	3.746E03	3.74
8	2017-10-05T01:10:00.000...	4.347E03	4.348E03	4.349E03	4.35E03	4.351E03	4.352E03	4.353E03	4.354E03	4.355E03	4.356E03	4.357E03	4.358E03	4.359E03	4.36E03	4.361E03	4.362E03	4.363E03	4.364E03	4.365E03	4.366E03	4.367E03	4.36
9	2017-10-05T01:20:00.000...	4.968E03	4.969E03	4.97E03	4.971E03	4.972E03	4.973E03	4.974E03	4.975E03	4.976E03	4.977E03	4.978E03	4.979E03	4.98E03	4.981E03	4.982E03	4.983E03	4.984E03	4.985E03	4.986E03	4.987E03	4.988E03	4.98
10	2017-10-05T01:30:00.000...	5.589E03	5.59E03	5.591E03	5.592E03	5.593E03	5.594E03	5.595E03	5.596E03	5.597E03	5.598E03	5.599E03	5.6E03	5.601E03	5.602E03	5.603E03	5.604E03	5.605E03	5.606E03	5.607E03	5.608E03	5.609E03	5.60
11	2017-10-05T01:40:00.000...	6.21E03	6.211E03	6.212E03	6.213E03	6.214E03	6.215E03	6.216E03	6.217E03	6.218E03	6.219E03	6.22E03	6.221E03	6.222E03	6.223E03	6.224E03	6.225E03	6.226E03	6.227E03	6.228E03	6.229E03	6.23E03	6.23
12	2017-10-05T01:50:00.000...	6.831E03	6.832E03	6.833E03	6.834E03	6.835E03	6.836E03	6.837E03	6.838E03	6.839E03	6.84E03	6.841E03	6.842E03	6.843E03	6.844E03	6.845E03	6.846E03	6.847E03	6.848E03	6.849E03	6.85E03	6.851E03	6.85
13	2017-10-05T02:00:00.000...	7.452E03	7.453E03	7.454E03	7.455E03	7.456E03	7.457E03	7.458E03	7.459E03	7.46E03	7.461E03	7.462E03	7.463E03	7.464E03	7.465E03	7.466E03	7.467E03	7.468E03	7.469E03	7.47E03	7.471E03	7.472E03	7.47
14	2017-10-05T02:10:00.000...	8.073E03	8.074E03	8.075E03	8.076E03	8.077E03	8.078E03	8.079E03	8.08E03	8.081E03	8.082E03	8.083E03	8.084E03	8.085E03	8.086E03	8.087E03	8.088E03	8.089E03	8.09E03	8.091E03	8.092E03	8.093E03	8.09
15	2017-10-05T02:20:00.000...	8.694E03	8.695E03	8.696E03	8.697E03	8.698E03	8.699E03	8.7E03	8.701E03	8.702E03	8.703E03	8.704E03	8.705E03	8.706E03	8.707E03	8.708E03	8.709E03	8.71E03	8.711E03	8.712E03	8.713E03	8.714E03	8.71
16	2017-10-05T02:30:00.000...	9.315E03	9.316E03	9.317E03	9.318E03	9.319E03	9.32E03	9.321E03	9.322E03	9.323E03	9.324E03	9.325E03	9.326E03	9.327E03	9.328E03	9.329E03	9.33E03	9.331E03	9.332E03	9.333E03	9.334E03	9.335E03	9.33
17	2017-10-05T02:40:00.000...	9.936E03	9.937E03	9.938E03	9.939E03	9.94E03	9.941E03	9.942E03	9.943E03	9.944E03	9.945E03	9.946E03	9.947E03	9.948E03	9.949E03	9.95E03	9.951E03	9.952E03	9.953E03	9.954E03	9.955E03	9.956E03	9.95
18	2017-10-05T02:50:00.000...	1.056E04	1.057E04	1.058E04	1.05																		
19	2017-10-05T03:00:00.000...	1.118E04	1.119E04	1.12E04	1.12E04	1.12																	
20	2017-10-05T03:10:00.000...	1.18E04	1.181E04	1.182E04	1.182E04	1.18																	
21	2017-10-05T03:20:00.000...	1.242E04	1.243E04	1.244E04	1.244E04	1.24																	
22	2017-10-05T03:30:00.000...	1.304E04	1.305E04	1.306E04	1.306E04	1.30																	
23	2017-10-05T03:40:00.000...	1.366E04	1.366E04	1.366E04	1.366E04	1.366E04	1.366E04	1.367E04	1.368E04	1.368E04	1.36												
24	2017-10-05T03:50:00.000...	1.428E04	1.429E04	1.43E04	1.43																		
25	2017-10-05T04:00:00.000...	1.49E04	1.491E04	1.492E04	1.49																		
26	2017-10-05T04:10:00.000...	1.552E04	1.553E04	1.554E04	1.55																		
27	2017-10-05T04:20:00.000...	1.615E04	1.616E04	1.61																			
28	2017-10-05T04:30:00.000...	1.677E04	1.678E04	1.67																			

Cancel Overplot Plot Below Plot

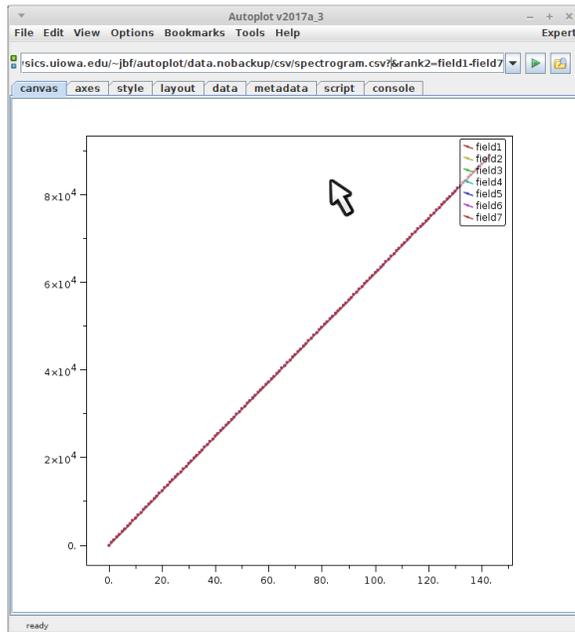


ready

7. Deselecting "bundle" should have removed this switch, but there's a bug (v2017a_3) where this doesn't happen.



8. So it must be removed manually.



9. This produces a spectrogram.

