● ○ ○ methanol,ammonia,water.xlsx																
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Column Line Pie Bar Area Scatter Other Line Column Win/Loss Select Switch Plot																
1R x 2C + 8 @ (= fx 649.8933																
1	A	8	C	D	E	F	G	Н	1	1	K	L	M	N	0	р
1	IR spectr	a of Methanol		IR spectr	of NH3		IR spect	ra of H2O	-							-
2	Wave Numbe	er %Transmittance		Wave Number	Transmittand	e	Wave Number	%Transmittance								
3	(			(cm <sup>-1</sup> )			(cm <sup>-1</sup> )									
4	649.8933	67.01316		649,8933	36,14643		649,8933	33.30706								
÷.	051.0210	7 07.20133		651.8218	35.68167		651,8218	32,91391								
6	653,7502	67.07855		653,7502	35,0081		653,7502	32,95427			-					
7	655.6787	67.00452		655.6787	34.87323		655.6787	33.43892								
8	657.6072	67.44474		657.6072	35.5428		657.6072	33.79055								
9	659.5356	68.46865		659.5356	36.46855		659.5356	34.16638								
10	661.4641	69.66104		661.4641	37.2854		661.4641	35.02722								
11	663.3926	70.20745		663.3926	37.96226		663.3926	35.9567								
12	665.321	69.54869		665.321	38.05239		665.321	36.28067								
13	667.2495	68.29515		667.2495	37.12171		667.2495	35.95652								
14	669.178	68.37101		669.178	36.49408		669.178	35.51315								
15	671.1064	69.65686		671.1064	37.40126		671.1064	35.45639								
16	673.0349	70.58659		673.0349	38.66124		673.0349	35.92218								
17	674.9634	70.87532		674.9634	39.29173		674.9634	36.86336								
18	676.8918	70.84436		676.8918	39.20654		676.8918	37.78823								
19	678.8203	70.871		678.8203	38.76209		678.8203	38.32168								
20	680.7488	71.27828		680.7488	38.41033		680.7488	38.58323								
21	682.6772	71.77254		682.6772	38.43829		682.6772	38.49179								
22	684.6057	71.6698		684.6057	38.65821		684.6057	37.97049								
23	686.5342	71.12164		686.5342	38.71103		686.5342	37.59151								
24	688.4626	70.94073		688.4626	38.66319		688.4626	37.75473								
25	690.3911	71.1296		690.3911	38.856		690.3911	38.01763								
26	692.3196	71.26601		692.3196	39.5373		692.3196	38.08606								
27	694.248	71.71612		694.248	40.58514		694.248	38.3717								
28	696.1765	72.8077		696.1765	41.43882		696.1765	39.08917								
29	698.105	73.81134		698.105	41.67833		698.105	39.92738								
30	700.0334	73.88645		700.0334	41.57518	-	700.0334	40.52301								
31	701.9619	73.24559		701.9619	41.24701		701.9619	40.7065								
32	703.8904	72.75173		703.8904	40.32998	-	703.8904	40.54541								
33	705.8188	72.94682		705.8188	39.23542	-	705.8188	40.33952								
34	707.7473	73.09062		707.7473	39.086/1	-	707.7473	40.30997								
35	709.6758	74.46078		709.6758	39.95293		709.0758	40.51417								
30	712 5227	74.99014		713 5337	40.77099		712 5227	40.96202								
20	715.532/	75.40279		715.532/	41.20399	-	715.532/	41.56019								
30	717 3906	75.09088		717 3996	41.02002		717 3904	41.9772								
40	710 2101	75.01773		710 2191	42.00038		710 2101	42.13819			-					
40	/19.5181	12.30213		/19.5161	42.22018		/19.5161	42.51057								

Given that you have over 1700 cells to highlight, let's do this efficiently fast. Start off by highlighting cells A4 and B4. While holding your "shift" key down, start tapping your "page down" key until you come to the very end of your data. You may have to use "arrow up" and "arrow down" keys to get it just right.

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1729	3976.499	99,7333		3976.499	95,7042		3976.499	93,59081			n.		Del	N.	0	F	
1730	3978.427	99.91518		3978.427	95.93288		3978.427	93,96142									
1731	3980.355	100.0621	-	3980.355	95.99547		3980.355	94.12388									
1732	3982.284	100.0682		3982.284	95.96716		3982.284	94.00041									
1733	3984.25	100.0089		3984.212	95.96755		3984.212	93.87384					-				
1734	3986.141	100.1171	-	3986.141	96.04241		3986.141	93.98124									
1735	3988.069	100.3245		3988.069	96.06537		3988.069	94.12489									
1736	3989.998	100.2875		3989.998	95.89175		3989.998	93.99498									
1737	3991.926	100.0094		3991.926	95.6671		3991.926	93.70237									
1738	3993.855	99.79739		3993.855	95.63886		3993.855	93.52911									
1739	3995.783	99.73777		3995.783	95.80522		3995.783	93.51778									
1740	3997.712	99.7228		3997.712	95.99582		3997.712	93.57735									
1741	3999.64	99.76505	<b>6</b>	3999.04	90.13982		3999.64	93.00138									
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If you've done it correctly you should end up at the bottom of your data columns as shown here. If not, try again.

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1729	3976.499	9	Statter				3976.499	93.59081								-
1730	3978.427	99	0 0	9	11.		3978.427	93.96142								
1731	3980.355	10	0 0	100			3980.355	94.12388								
1732	3982.284	10	0 0 0	9.02	124		3982.284	94.00041								
1733	3984.212	10	Mandua d Caretta	n Emerath	Coursely David		3984.212	93.87384								
1734	3986.141	10	Marked Scatte	r Smooth Marked Scatter	Smooth Lined		3986.141	93.98124								
1735	3988.069	10	0.3245	Marked Scatter	Juiller		3988.069	94.12489								
1736	3989.998	10	9 0	1 1 1	8 5 1.75		3989.998	93.99498								
1737	3991.926	10	129				3991.926	93.70237								
1738	3993.855	99	2.00	1 1			3993.855	93.52911								
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Insert a "Scatter" plot except in this case use the "Smooth Lined Scatter". The next gallery will show you the wisdom of choosing this style versus "Marked Scatter".



Smooth Line!!! Much better than 1700+ markers. Let's trim and reverse the x-axis. Under the "Chart Layout" thumbnail, find "Axes" drop down menu. Go to "Horizontal Axis" and then to "Axis Options...".



Looking at your x-data, the smallest value is about 650 and your maximum is about 4000. Make sure you have "Scale" hightlighted. Type these in. Then put check marks in both the "values in reverse order" and "vertical axis crosses at maximum value". Notice how your plot changes. By tradition, IR Spectra are numbered from biggest wave number to smallest wave number.



Now trim the y-axis by going to the "Chart Layout" thumbnail. Find "Axes" drop down menu, then "Vertical Axis", then "Axis Options...".

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1721	3961.071	99.69283	3	961.071	95.35864		3961.071	94.14853				10.00								
1722	3962.999	99.68436	3	962.999	95.65386		3962.999	94.25022												
1723	3964.928	99.80106	3	964.928	95.96855		3964.928	94.18801												
1724	3966.856	99.94886	3	966.856	96.11155		3966.856	94.05703												
1725	3968.785	100.0349	3	968.785	96.00517		3968.785	93.92522		-				_						
1726	3970.713	99.93189	3	970.713	95.67899	-	30/0 /14	GI MERE		E	ormat Avis					-				
1727	3972.642	99./1909	3	9/2.642	95.39318	-				14	onnat Axis	<u></u>				-				
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1725	3978 437	99.7333	3	078 427	95.7042		Scale													
1731	3980 355	100.0621	3	980 355	95 99547		00 Number Vertical axis scale   Ticks Auto   A Font Minimum   Toxt Pox									-				
1732	3982.284	100.0682	3	982.284	95,96716															
1733	3984,212	100.0089		984.212	95,96755															
1734	3986.141	100.1171	3	986.141	96.04241															
1735	3988.069	100.3245	3	988.069	96.06537		Maximum: 100.0													
1736	3989.998	100.2875	3	989.998	95.89175		S Fill		1											
1737	3991.926	100.0094	3	991.926	95.6671		<b>Line</b>		C Majo	anne.	10.0									
1738	3993.855	99.79739	3	993.855	95.63886		Shadow		Minor unit: 2.0											
1739	3995.783	99.73777	3	995.783	95.80522		Glow & So	ft Edges												
1740	3997.712	99.7228	3	997.712	95.99582				🖌 Horia	zontal	0.0									
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Looking at our y-data, the maximum is about 100%. Make sure you have "Scale" highlighted, change the maximum to 100.