

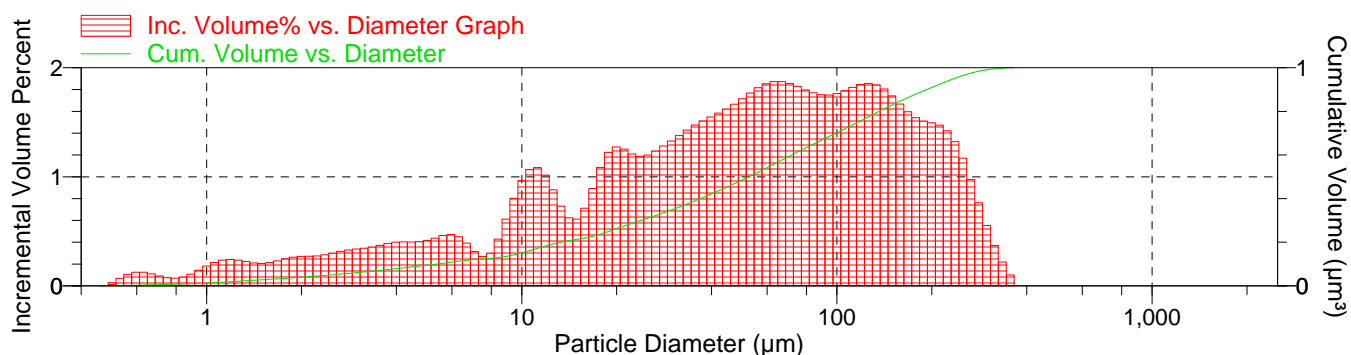
Sample: bromo
Operator:
Submitter:
File: C:\...\GEORGEW\BROMO.SMP

Test Number: Avg of 1
Analyzed: 21/06/2016 14:25:02p.m.
Reported: 21/06/2016 14:25:12p.m.
Background: 21/06/2016 14:10:23p.m.

Model: Fraunhofer, 1.331
Material: Fraunhofer / Water
Background: Water RI 1.331
Smoothing: Medium

Combined Report

Incremental Volume Percent vs. Particle Diameter Graph



Summary Report

Sample

Sample Concentration: 0.01077 %
Obscuration: 12.5 %

Weighted Statistics (Volume Distribution)

		Std Dev of 1			Std Dev of 1
Mean	77.341	0.000	Mode	63.104	0.000
Median	52.578	0.000			

Peaks: Weighted Statistics (Volume Distribution)

Peak Number	Percent of Dist.*	Percent of Dist. Std Dev of 1	Mean	Mean Std Dev of 1	Median	Median Std Dev of 1	Mode
1	2.8	0.0	1.497	0.000	1.468	0.000	1.996

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Smoothing: Medium

Report by Size Class					
High Particle Diameter (μm)	Low Particle Diameter (μm)	Average Particle Diameter (μm)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
386.812	365.174	375.837	100.0	0.0	0.0
365.174	344.747	354.813	99.9	0.1	0.0
344.747	325.462	334.965	99.7	0.2	0.0
325.462	307.256	316.228	99.3	0.4	0.0
307.256	290.068	298.538	98.8	0.6	0.0
290.068	273.842	281.838	98.0	0.8	0.0
273.842	258.523	266.073	97.0	1.0	0.0
258.523	244.062	251.189	95.8	1.2	0.0
244.062	230.409	237.137	94.5	1.3	0.0
230.409	217.520	223.872	93.1	1.4	0.0
217.520	205.353	211.349	91.6	1.5	0.0
205.353	193.865	199.526	90.1	1.5	0.0
193.865	183.021	188.365	88.6	1.5	0.0
183.021	172.783	177.828	87.1	1.5	0.0
172.783	163.117	167.880	85.5	1.6	0.0
163.117	153.993	158.489	83.8	1.7	0.0
153.993	145.378	149.624	82.1	1.7	0.0
145.378	137.246	141.254	80.3	1.8	0.0
137.246	129.569	133.352	78.4	1.8	0.0
129.569	122.321	125.893	76.6	1.9	0.0
122.321	115.478	118.850	74.7	1.8	0.0
115.478	109.018	112.202	72.9	1.8	0.0
109.018	102.920	105.925	71.1	1.8	0.0
102.920	97.163	100.000	69.4	1.8	0.0
97.163	91.728	94.406	67.6	1.7	0.0
91.728	86.596	89.125	65.9	1.8	0.0
86.596	81.752	84.140	64.1	1.8	0.0
81.752	77.179	79.433	62.3	1.8	0.0
77.179	72.862	74.989	60.5	1.8	0.0
72.862	68.786	70.795	58.6	1.9	0.0
68.786	64.938	66.834	56.7	1.9	0.0
64.938	61.306	63.096	54.9	1.9	0.0
61.306	57.876	59.566	53.0	1.9	0.0
57.876	54.639	56.234	51.2	1.8	0.0
54.639	51.582	53.088	49.4	1.8	0.0
51.582	48.697	50.119	47.7	1.7	0.0
48.697	45.973	47.315	46.0	1.7	0.0
45.973	43.401	44.668	44.4	1.6	0.0
43.401	40.973	42.170	42.8	1.6	0.0
40.973	38.681	39.811	41.3	1.5	0.0
38.681	36.517	37.584	39.8	1.5	0.0
36.517	34.475	35.481	38.3	1.5	0.0
34.475	32.546	33.497	36.9	1.4	0.0
32.546	30.726	31.623	35.5	1.4	0.0
30.726	29.007	29.854	34.2	1.3	0.0
29.007	27.384	28.184	32.9	1.3	0.0
27.384	25.852	26.607	31.6	1.2	0.0
25.852	24.406	25.119	30.4	1.2	0.0
24.406	23.041	23.714	29.3	1.2	0.0
23.041	21.752	22.387	28.1	1.2	0.0
21.752	20.535	21.135	26.8	1.3	0.0



Micromeritics Instrument Corporation - a

Saturn DigiSizer II 5205 V1.01

Saturn DigiSizer II 5205 V1.01

5200 LSHU V3.00 S/N 123

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Sample: bromo

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Smoothing: Medium

Report by Size Class

High Particle Diameter (μm)	Low Particle Diameter (μm)	Average Particle Diameter (μm)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
20.535	19.387	19.953	25.5	1.3	0.0
19.387	18.302	18.836	24.3	1.2	0.0
18.302	17.278	17.783	23.2	1.1	0.0
17.278	16.312	16.788	22.3	0.9	0.0
16.312	15.399	15.849	21.6	0.7	0.0
15.399	14.538	14.962	21.0	0.6	0.0
14.538	13.725	14.125	20.4	0.6	0.0
13.725	12.957	13.335	19.7	0.7	0.0
12.957	12.232	12.589	18.8	0.9	0.0
12.232	11.548	11.885	17.8	1.0	0.0
11.548	10.902	11.220	16.7	1.1	0.0
10.902	10.292	10.593	15.6	1.1	0.0
10.292	9.716	10.000	14.6	1.0	0.0
9.716	9.173	9.441	13.8	0.8	0.0
9.173	8.660	8.913	13.2	0.6	0.0
8.660	8.175	8.414	12.8	0.4	0.0
8.175	7.718	7.943	12.5	0.3	0.0
7.718	7.286	7.499	12.2	0.3	0.0
7.286	6.879	7.079	11.9	0.3	0.0
6.879	6.494	6.683	11.5	0.4	0.0
6.494	6.131	6.310	11.1	0.4	0.0
6.131	5.788	5.957	10.6	0.5	0.0
5.788	5.464	5.623	10.1	0.5	0.0
5.464	5.158	5.309	9.7	0.4	0.0
5.158	4.870	5.012	9.3	0.4	0.0
4.870	4.597	4.732	8.9	0.4	0.0
4.597	4.340	4.467	8.5	0.4	0.0
4.340	4.097	4.217	8.1	0.4	0.0
4.097	3.868	3.981	7.7	0.4	0.0
3.868	3.652	3.758	7.3	0.4	0.0
3.652	3.447	3.548	6.9	0.4	0.0
3.447	3.255	3.350	6.6	0.4	0.0
3.255	3.073	3.162	6.2	0.3	0.0
3.073	2.901	2.985	5.9	0.3	0.0
2.901	2.738	2.818	5.6	0.3	0.0
2.738	2.585	2.661	5.2	0.3	0.0
2.585	2.441	2.512	4.9	0.3	0.0
2.441	2.304	2.371	4.6	0.3	0.0
2.304	2.175	2.239	4.4	0.3	0.0
2.175	2.054	2.113	4.1	0.3	0.0
2.054	1.939	1.995	3.8	0.3	0.0
1.939	1.830	1.884	3.6	0.3	0.0
1.830	1.728	1.778	3.3	0.2	0.0
1.728	1.631	1.679	3.1	0.2	0.0
1.631	1.540	1.585	2.9	0.2	0.0
1.540	1.454	1.496	2.7	0.2	0.0
1.454	1.372	1.413	2.5	0.2	0.0
1.372	1.296	1.334	2.2	0.2	0.0
1.296	1.223	1.259	2.0	0.2	0.0
1.223	1.155	1.189	1.8	0.2	0.0
1.155	1.090	1.122	1.5	0.2	0.0
1.090	1.029	1.059	1.3	0.2	0.0

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Background: 21/06/2016 14:10:23p.m.

Model: Fraunhofer, 1.331

Material: Fraunhofer / Water

Background: Water RI 1.331

Smoothing: Medium

Report by Size Class

High Particle Diameter (μm)	Low Particle Diameter (μm)	Average Particle Diameter (μm)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
1.029	0.972	1.000	1.1	0.2	0.0
0.972	0.917	0.944	1.0	0.1	0.0
0.917	0.866	0.891	0.9	0.1	0.0
0.866	0.818	0.841	0.8	0.1	0.0
0.818	0.772	0.794	0.7	0.1	0.0
0.772	0.729	0.750	0.7	0.1	0.0
0.729	0.688	0.708	0.6	0.1	0.0
0.688	0.649	0.668	0.5	0.1	0.0
0.649	0.613	0.631	0.3	0.1	0.0
0.613	0.579	0.596	0.2	0.1	0.0
0.579	0.546	0.562	0.1	0.1	0.0
0.546	0.516	0.531	0.0	0.1	0.0
0.516	0.487	0.501	0.0	0.0	0.0
0.487	0.460	0.473	0.0	0.0	0.0



Micromeritics Instrument Corporation - a

Saturn DigiSizer II 5205 V1.01

Saturn DigiSizer II 5205 V1.01

5200 LSHU V3.00 S/N 123

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Smoothing: Medium

Report by Sieve Size

Sieve Name	Aperture Size (μ m)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
No. 25	710.000	100.0	0.0	0.0
No. 50	300.000	99.1	0.9	0.0
No. 120	125.000	77.3	21.8	0.0
No. 270	53.000	50.2	27.0	0.0
No. 635	20.000	26.2	24.0	0.0

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Test Number: Avg of 1

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Model: Fraunhofer, 1.331

Material: Fraunhofer / Water

Background: Water RI 1.331

Smoothing: Medium

Report by Size Table

High Particle Diameter (μm)	Low Particle Diameter (μm)	Average Particle Diameter (μm)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
365.224	300.000	331.009	99.1	0.9	0.0
300.000	250.000	273.861	96.4	2.7	0.0
250.000	200.000	223.607	90.9	5.4	0.0
200.000	150.000	173.205	83.0	7.9	0.0
150.000	100.000	122.474	70.2	12.8	0.0
100.000	80.000	89.443	63.4	6.8	0.0
80.000	60.000	69.282	54.2	9.3	0.0
60.000	50.000	54.772	48.5	5.7	0.0
50.000	40.000	44.721	42.2	6.3	0.0
40.000	30.000	34.641	34.9	7.2	0.0
30.000	25.000	27.386	30.9	4.0	0.0
25.000	20.000	22.361	26.2	4.7	0.0
20.000	15.000	17.321	21.3	4.9	0.0
15.000	10.000	12.247	15.1	6.2	0.0
10.000	8.000	8.944	12.7	2.4	0.0
8.000	6.000	6.928	10.9	1.8	0.0
6.000	5.000	5.477	9.5	1.4	0.0
5.000	4.000	4.472	7.9	1.6	0.0
4.000	3.000	3.464	6.1	1.8	0.0
3.000	2.000	2.449	4.0	2.1	0.0
2.000	1.500	1.732	2.8	1.2	0.0
1.500	1.000	1.225	1.2	1.6	0.0
1.000	0.800	0.894	0.8	0.4	0.0
0.800	0.600	0.693	0.3	0.5	0.0
0.600	0.500	0.548	0.0	0.3	0.0
0.500	0.400	0.447	0.0	0.0	0.0

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Smoothing: Medium

Report by Volume Percent

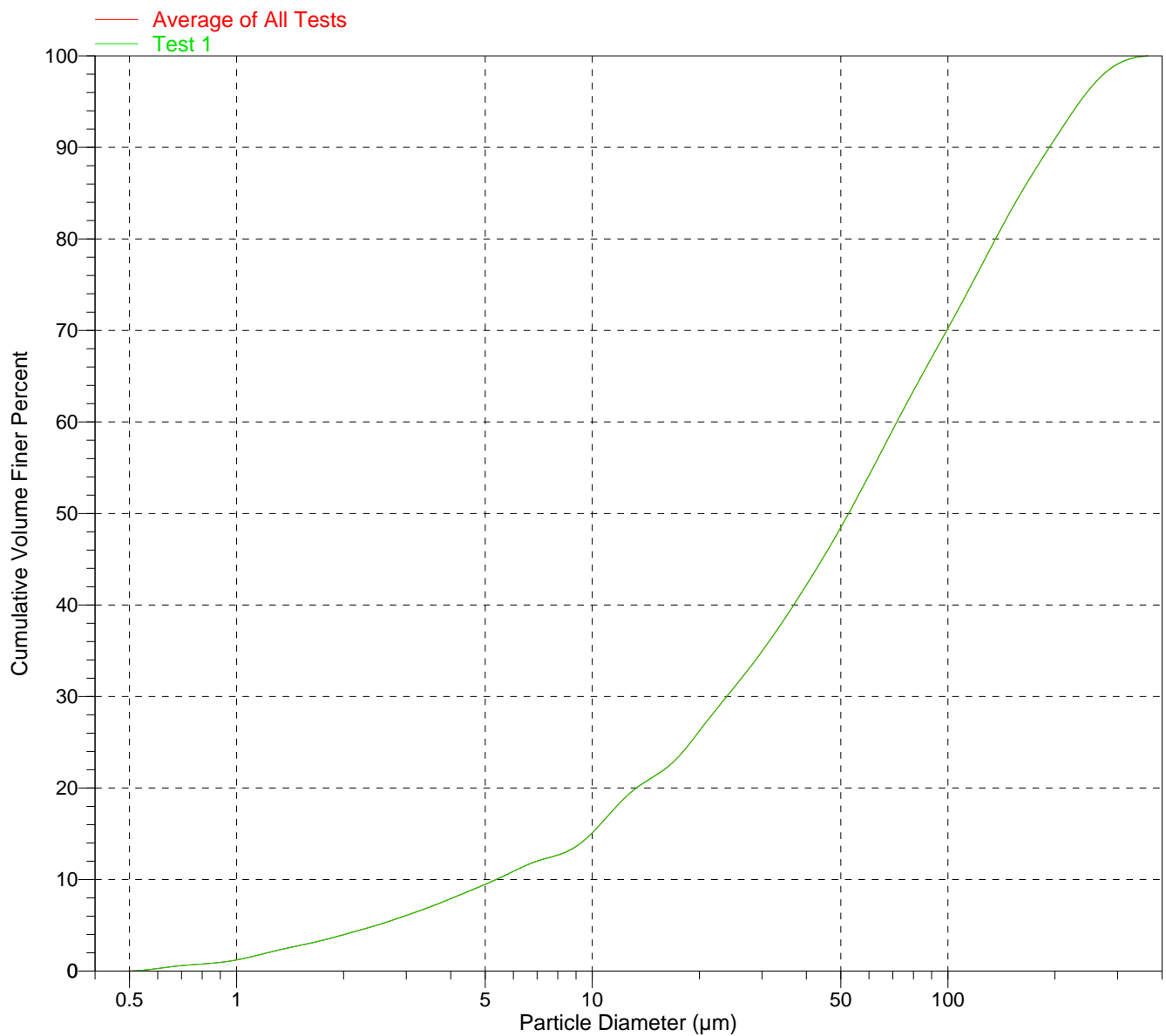
High Particle Diameter (μm)	Low Particle Diameter (μm)	Average Particle Diameter (μm)	Cumulative Volume Finer Percent	Incremental Volume Percent	Cumulative Volume Percent (StdDev)
365.224	365.224	365.224	100.0	0.0	0.0
365.224	235.072	293.008	95.0	5.0	0.0
235.072	192.871	212.928	90.0	5.0	0.0
192.871	160.371	175.872	85.0	5.0	0.0
160.371	136.093	147.735	80.0	5.0	0.0
136.093	116.481	125.906	75.0	5.0	0.0
116.481	99.247	107.519	70.0	5.0	0.0
99.247	84.220	91.425	65.0	5.0	0.0
84.220	71.828	77.778	60.0	5.0	0.0
71.828	61.576	66.505	55.0	5.0	0.0
61.576	52.578	56.900	50.0	5.0	0.0
52.578	44.317	48.271	45.0	5.0	0.0
44.317	36.836	40.404	40.0	5.0	0.0
36.836	30.081	33.288	35.0	5.0	0.0
30.081	23.880	26.802	30.0	5.0	0.0
23.880	18.918	21.255	25.0	5.0	0.0
18.918	13.296	15.860	20.0	5.0	0.0
13.296	9.936	11.494	15.0	5.0	0.0
9.936	5.365	7.301	10.0	5.0	0.0
5.365	2.473	3.643	5.0	5.0	0.0

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Cumulative Volume Finer Percent vs. Particle Diameter Graph

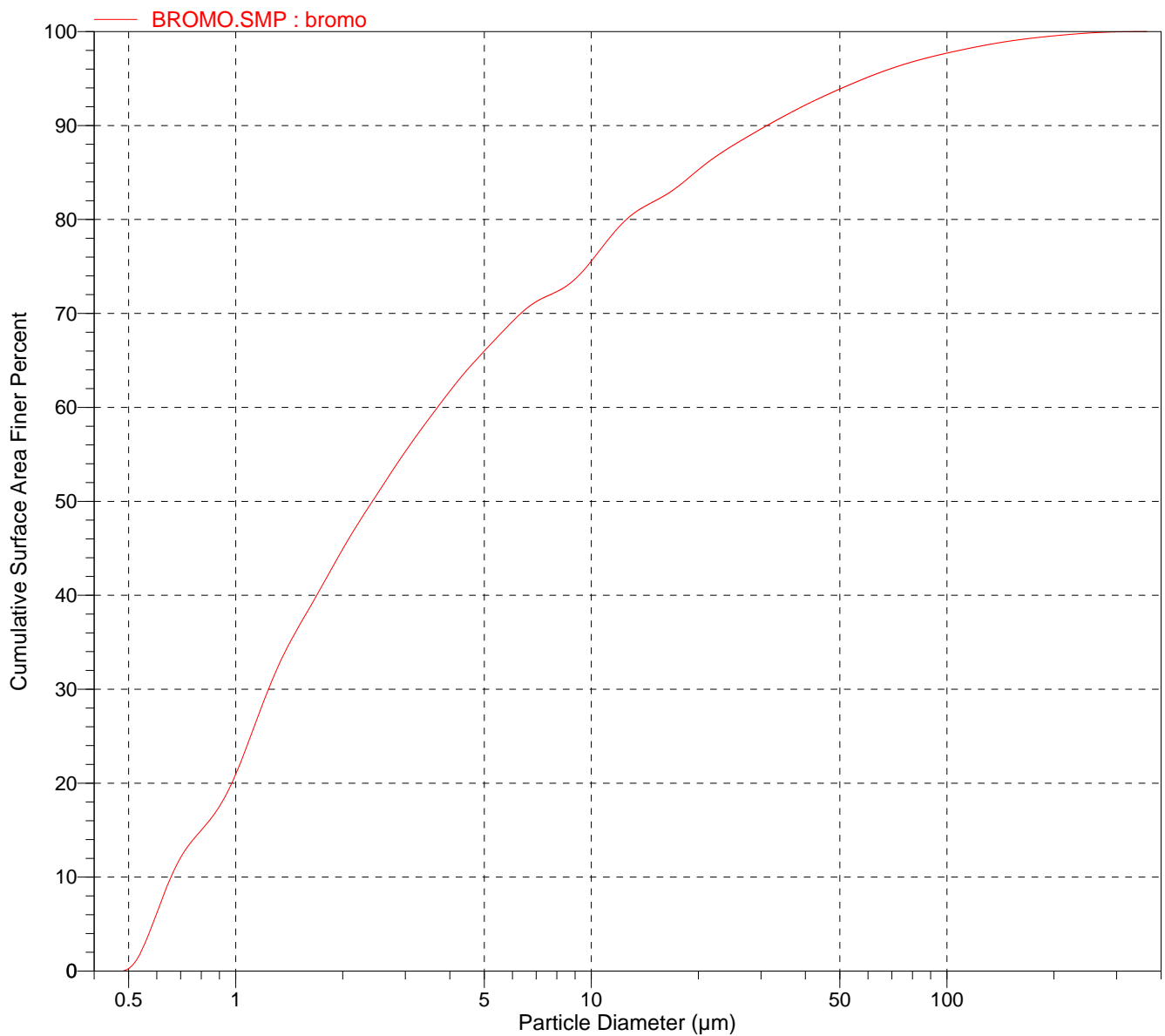


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Model: Fraunhofer, 1.331
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Smoothing: Medium

Cumulative Surface Area Finer Percent vs. Particle Diameter Graph

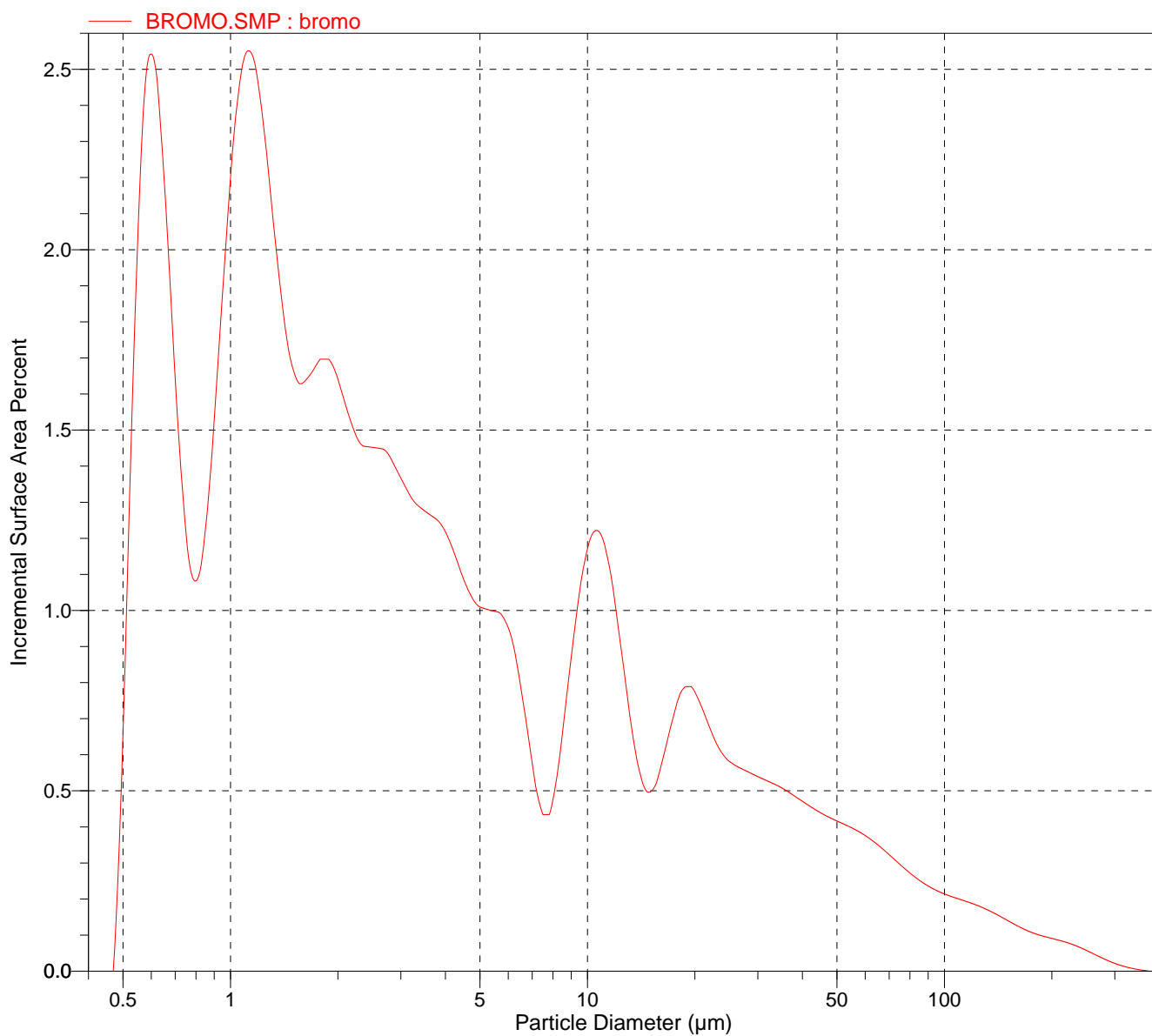


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Incremental Surface Area Percent vs. Particle Diameter Graph

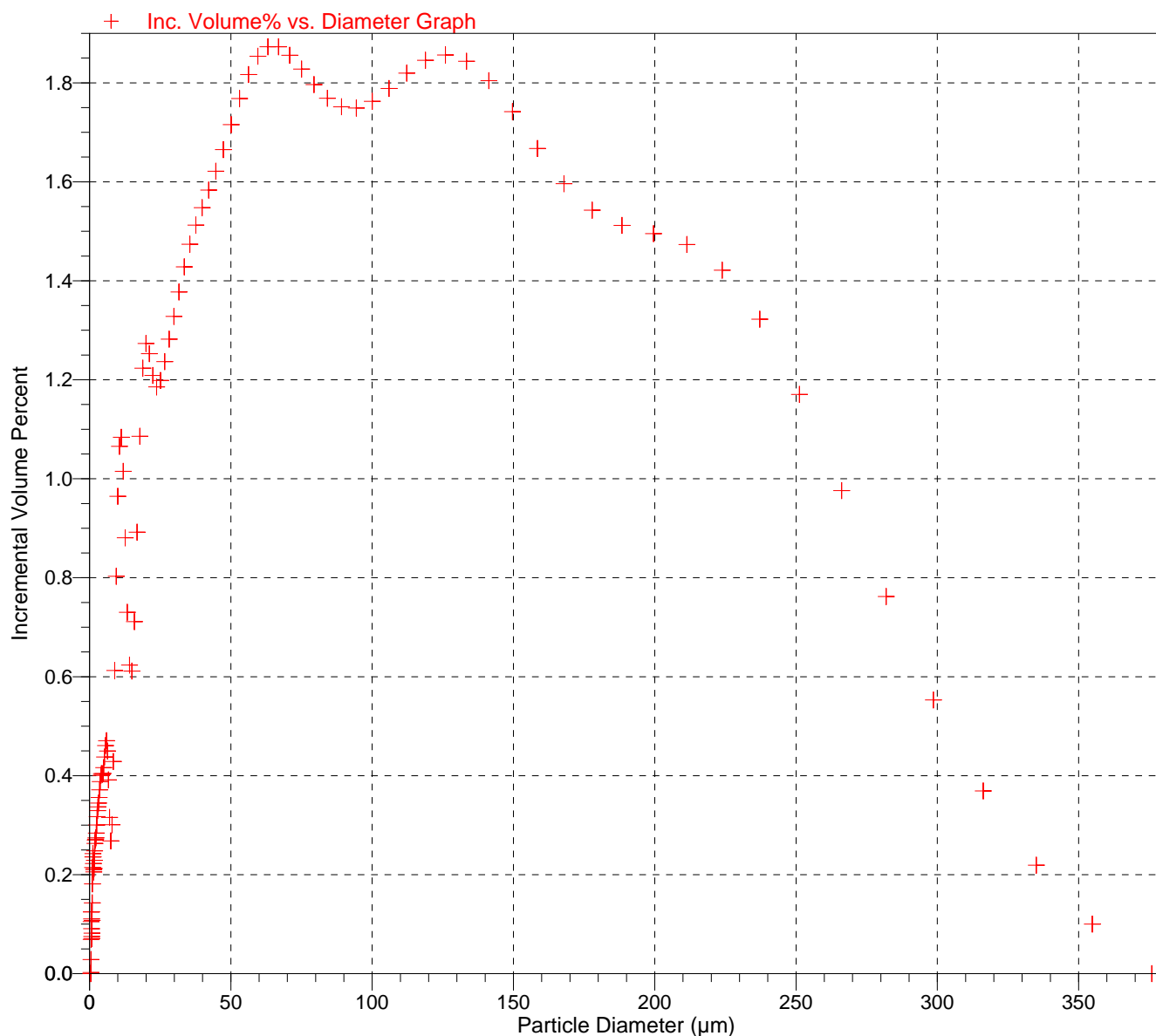


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Incremental Volume Percent vs. Particle Diameter Graph

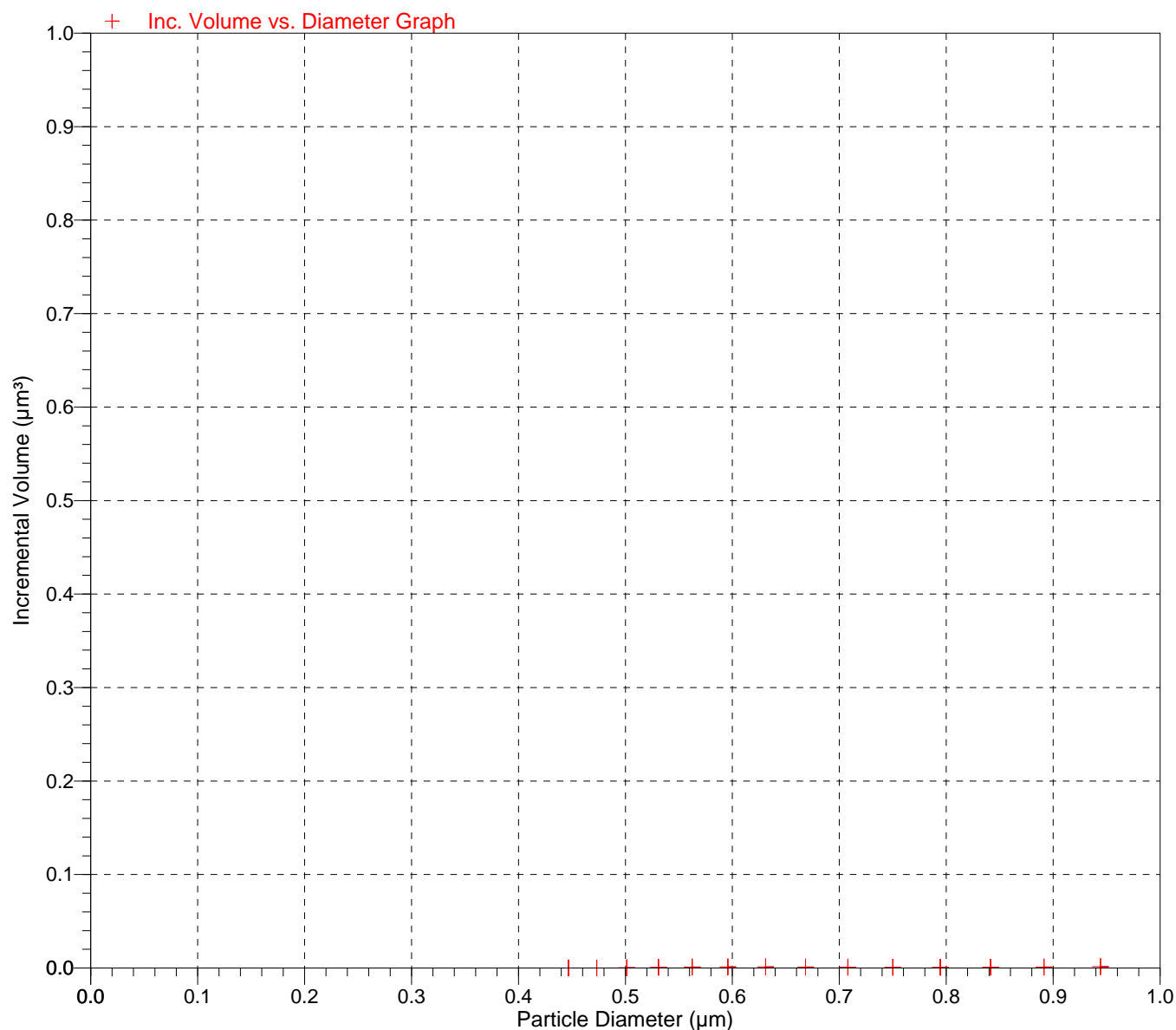


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Incremental Volume vs. Particle Diameter Graph



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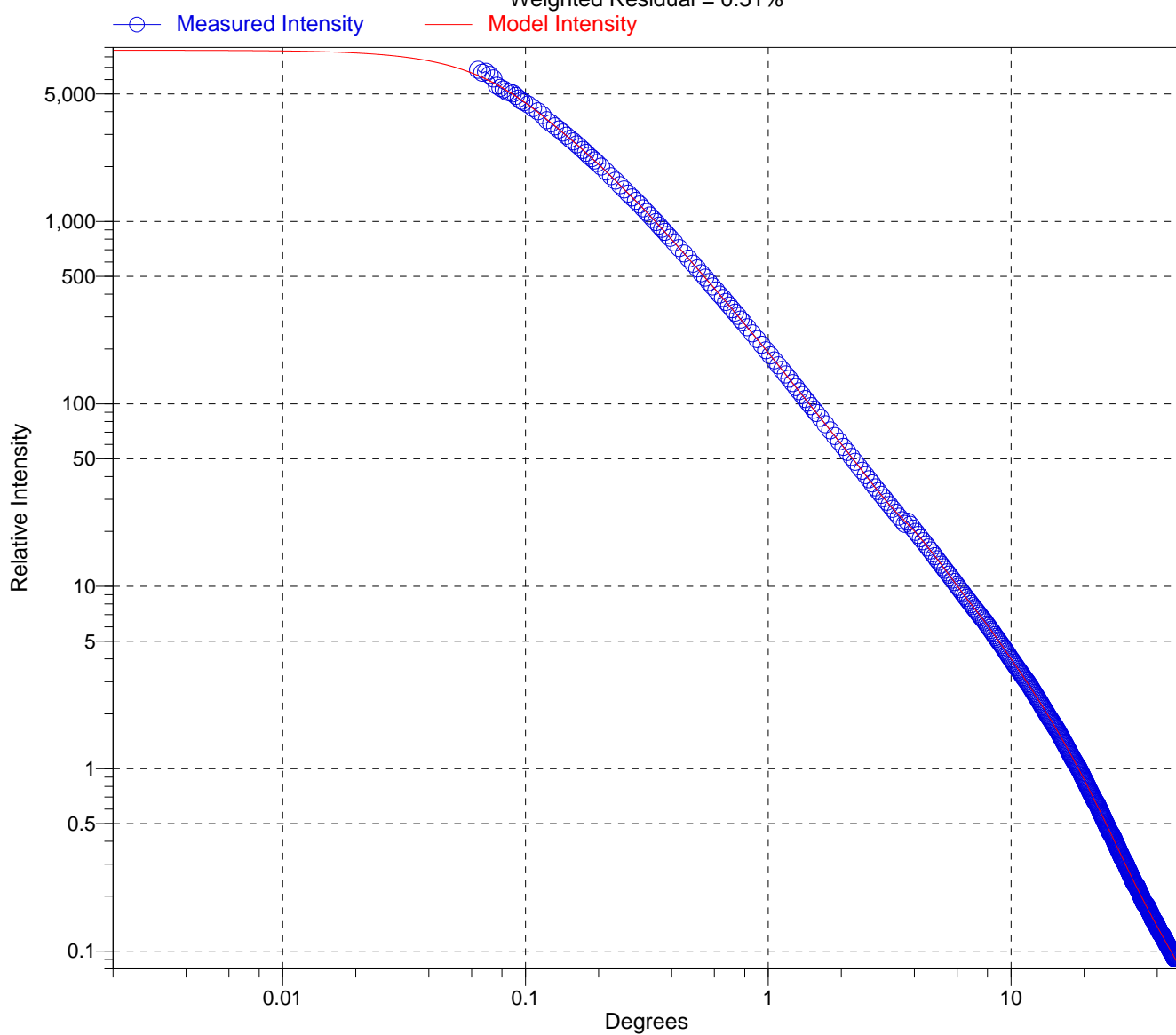
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Smoothing: Medium

Goodness of Fit

Weighted Residual = 0.51%



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Summary Report

4219- In order to display summary statistics, you must select a Distribution Type.