

ASCII_format_for_importing_energy_data.txt

```
#DAVE ASCII OUTPUT
#Instrument: FOCUS
#Sample: 4Zr Max 300K 4.3AA 1:1
#Original File Name: /home/focus/data/2012/000/focus2012n000657.hdf
#Title: 2011 1251
#User: D. Rebiscoul, O. Diat
#Temperature / K: 300.000
#XType: Points
#Group Type: Points
#X Units: Energy / meV
#Y Units: I (arbitrary units)
#Group Units: wavevector:A-1
#Group Label: Q
#Number of Channels: 201
#Number of Groups: 10
#Wavelength / A: 4.31613
#Date Data File Created: 2012-05-26 17:59:27
#Date This File Created: wed Sep 05 17:01:25 2012
#Fermispeed: 9804.00
#Fermiphase: 72.3500
#Diskspeed: 10292.0
#Data reduction/treatment details:
#Files used in sum:
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000658.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000657.hdf
#Total Number of Detectors From the Conventional Banks Read From File: 375;
#Number of Detectors Excluded in the Reduction: 11;
#Excluded Detectors from the Conventional Banks:
13,14,16,17,19,20,22,23,25,26,261;
#364 Detectors Reduced to 264 with Unique Two Theta Angles.
#Files used in vanadium calibration::
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000936.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000935.hdf
#Elastic Line Calculated From Vanadium File, TOF data
#Files used in vanadium calibration::
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000936.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000935.hdf
#Unable to normalise to vanadium file(s): C:\Documents and Settings\dr168620\Mes
documents\Dynamiqueeau\PSI2011\focus\raw data\focus2012n000936.hdf
#Unable to normalise to vanadium file(s): C:\Documents and Settings\dr168620\Mes
documents\Dynamiqueeau\PSI2011\focus\raw data\focus2012n000935.hdf
#for the purpose of calculating the diffraction pattern
#Diffraction Pattern Calculated From Sum Over All Time Channels.
#Background file(s) used in subtraction:
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000600.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000598.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000599.hdf
#Files used in vanadium calibration::
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000936.hdf
#C:\Documents and Settings\dr168620\Mes documents\Dynamiqueeau\PSI2011\focus\raw
data\focus2012n000935.hdf
#Due to problems with the vanadium calibration, the following detector group(s)
were removed
#from the purged and sorted data set: detectors: 0 1 2 3 4 5 6 261 262 263 0 1 2
3 4 5
#Normalised to vanadium file(s): C:\Documents and Settings\dr168620\Mes
documents\Dynamiqueeau\PSI2011\focus\raw data\focus2012n000936.hdf
#Normalised to vanadium file(s): C:\Documents and Settings\dr168620\Mes
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documents\Dynamiqueeau\PSI2011\focus\raw data\focus2012n000935.hdf
#data have been rebinned in Energy.
#Old bins:611
#Energy Units = meV
#Old Energy-range: (-214.305,1.62482)
#New bins:201
#New Energy-range:
#(-1.50000,1.50000)
#data has been rebinned in Q.
#Old Q-range: (0.38038105,2.8215271)
#New Q-range:
#(0.500000,2.30000)
#New bins:10
#The data have been normalized to monitor
#Converted to ASCII format
#Begin
#Group Number: 2
#Group Value: 0.700000
#X Value      Intensity dIntensity
-1.5000000    0.347570  0.222710
-1.4850000    0.293564  0.209778
-1.4700000    0.201583  0.193772
-1.4550000    0.394182  0.217931
-1.4400000    0.587621  0.239784
-1.4250000    0.437446  0.254971
-1.4100000    0.378933  0.253007
-1.3950000    0.228268  0.233168
-1.3800000    0.477864  0.251236
-1.3650000    0.648380  0.263265
-1.3500000    0.282569  0.219689
-1.3350000    0.335277  0.226079
-1.3200000    0.442560  0.237961
-1.3050000    0.612892  0.266750
-1.2900000    0.601467  0.267147
-1.2750000    0.302115  0.231983
-1.2600000    0.332516  0.232203
-1.2450000    0.344262  0.232713
-1.2300000    0.135692  0.233778
-1.2150000    0.338583  0.252898
-1.2000000    0.534095  0.270224
-1.1850000    0.353115  0.201601
-1.1700000    0.281875  0.209566
-1.1550000    0.196278  0.224732
-1.1400000    0.447566  0.235387
-1.1250000    0.547624  0.240346
-1.1100000    0.662433  0.247336
-1.0950000    0.563040  0.261653
-1.0800000    0.481548  0.261366
-1.0650000    0.353045  0.256850
-1.0500000    0.303592  0.221982
-1.0350000    0.283488  0.228233
-1.0200000    0.258253  0.242627
-1.0050000    0.551908  0.237013
-0.99000001   0.573620  0.238508
-0.97500001   0.590577  0.242823
-0.96000001   0.390199  0.259235
-0.94500001   0.554692  0.251464
-0.93000001   0.582842  0.239373
-0.91500001   0.194892  0.208128
-0.90000001   0.329007  0.215994
-0.88500001   0.400504  0.232215
-0.87000001   0.447764  0.259046
-0.85500001   0.642208  0.268224
-0.84000001   0.615183  0.252622
-0.82500002   0.570531  0.235746
-0.81000002   0.440044  0.220496
-0.79500002   0.459648  0.214315
-0.78000002   0.459510  0.216007

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-0.76500002	0.462274	0.225661
-0.75000002	0.730415	0.266406
-0.73500002	0.730633	0.268088
-0.72000002	0.683287	0.263429
-0.70500002	0.558907	0.246162
-0.69000002	0.772493	0.253684
-0.67500002	0.819756	0.257029
-0.66000002	0.881108	0.265518
-0.64500002	0.982564	0.281856
-0.63000002	0.935222	0.277697
-0.61500002	0.639958	0.270918
-0.60000002	0.637136	0.265534
-0.58500002	0.898062	0.260593
-0.57000002	0.480405	0.235049
-0.55500002	0.730562	0.270143
-0.54000002	0.982881	0.290975
-0.52500002	1.13779	0.294439
-0.51000002	1.06347	0.263074
-0.49500002	1.05622	0.284153
-0.48000002	0.925265	0.275495
-0.46500002	1.16751	0.299657
-0.45000002	1.60810	0.333467
-0.43500002	1.78515	0.332272
-0.42000002	1.84234	0.328611
-0.40500002	1.44891	0.352913
-0.39000002	1.30516	0.348672
-0.37500003	1.41394	0.341318
-0.36000003	1.67126	0.357406
-0.34500003	1.87493	0.358214
-0.33000003	1.90226	0.339023
-0.31500003	2.54007	0.379986
-0.30000003	2.89387	0.392021
-0.28500003	3.03346	0.397174
-0.27000003	3.28509	0.425476
-0.25500003	3.64084	0.428454
-0.24000003	4.20562	0.471207
-0.22500003	5.05796	0.517188
-0.21000003	5.12821	0.506929
-0.19500003	5.93466	0.538570
-0.18000003	8.08432	0.622627
-0.16500003	11.9282	0.742714
-0.15000003	18.6452	0.919523
-0.13500003	29.9532	1.15172
-0.12000003	50.4024	1.50161
-0.10500003	73.0108	1.79390
-0.090000032	105.817	2.16809
-0.075000032	140.903	2.51868
-0.060000032	181.258	2.86080
-0.045000033	223.674	3.18373
-0.030000033	255.880	3.41132
-0.015000033	275.489	3.54329
-3.3527613e-008	291.314	3.67491
0.014999966	284.542	3.67268
0.029999966	274.035	3.61176
0.044999965	240.585	3.37287
0.059999965	209.116	3.19791
0.074999965	162.977	2.83801
0.089999964	124.000	2.47364
0.10499996	86.8035	2.11504
0.11999996	64.7802	1.82698
0.13499996	42.9300	1.49342
0.14999996	26.8816	1.21396
0.16499996	17.1400	0.990565
0.17999996	10.9913	0.808892
0.19499996	7.96112	0.681049
0.20999996	6.10643	0.596752
0.22499996	5.06457	0.549567
0.23999996	5.62677	0.555633

ASCII_format_for_importing_energy_data.txt

0.25499996	4.07206	0.506148
0.26999996	3.67589	0.473444
0.28499996	3.25480	0.467639
0.29999996	3.33379	0.470803
0.31499996	2.88169	0.442599
0.32999996	2.16500	0.405305
0.34499996	2.32592	0.423276
0.35999996	2.27421	0.409500
0.37499996	1.87976	0.382697
0.38999996	1.61843	0.348777
0.40499996	1.95055	0.370210
0.41999996	2.05792	0.395824
0.43499996	1.75491	0.407623
0.44999996	1.47930	0.390423
0.46499996	1.53041	0.365473
0.47999996	1.68633	0.380558
0.49499996	1.79053	0.373345
0.50999996	1.43360	0.366185
0.52499995	1.19862	0.355160
0.53999995	1.32951	0.348464
0.55499995	1.17686	0.332027
0.56999995	0.847365	0.342009
0.58499995	0.823757	0.355326
0.59999995	1.12517	0.385018
0.61499995	1.58435	0.417137
0.62999995	1.25281	0.395026
0.64499995	0.682002	0.345285
0.65999995	1.22622	0.372424
0.67499995	0.910170	0.370054
0.68999995	0.671185	0.332570
0.70499995	0.775199	0.350543
0.71999995	1.49153	0.378093
0.73499995	1.25764	0.364878
0.74999995	0.953415	0.372378
0.76499995	0.797644	0.341452
0.77999995	1.05993	0.335682
0.79499995	0.679941	0.303717
0.80999995	0.201342	0.361861
0.82499995	0.888436	0.384573
0.83999995	0.929841	0.347254
0.85499995	0.345625	0.333006
0.86999995	0.686126	0.314047
0.88499995	0.311894	0.330820
0.89999995	0.738429	0.363512
0.91499995	-0.282251	0.284844
0.92999995	1.07162	0.360057
0.94499995	0.519761	0.327840
0.95999995	0.306024	0.330886
0.97499994	0.881827	0.323254
0.98999994	0.449573	0.339443
1.0049999	0.410643	0.339227
1.0199999	0.541857	0.319823
1.0349999	0.788024	0.337909
1.0499999	0.341570	0.282578
1.0649999	0.239894	0.305495
1.0799999	0.0464169	0.370783
1.0949999	0.649679	0.366262
1.1099999	1.00087	0.354089
1.1249999	-0.0615184	0.350095
1.1399999	-0.0439482	0.328333
1.1549999	-0.145078	0.316502
1.1699999	0.0103421	0.332003
1.1849999	0.412602	0.303944
1.1999999	0.532581	0.338839
1.2149999	0.758633	0.410431
1.2299999	0.304065	0.402675
1.2449999	0.0775826	0.361696
1.2599999	0.625997	0.378354

ASCII_format_for_importing_energy_data.txt

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1.2749999 -0.0516549 0.294807
1.2899999 0.537771 0.363908
1.3049999 0.202474 0.317278
1.3199999 0.493034 0.343158
1.3349999 0.239613 0.359432
1.3499999 0.506731 0.327719
1.3649999 0.690061 0.351099
1.3799999 0.344081 0.363833
1.3949999 0.293416 0.367000
1.4099999 0.310806 0.362648
1.4249999 1.04124 0.436492
1.4399999 0.267571 0.373325
1.4549999 0.513696 0.407690
1.4699999 0.950058 0.402864
1.4849999 0.244253 0.355007
1.4999999 0.893743 0.398540
#Group Number: 3
#Group Value: 0.900000
#X Value Intensity dIntensity
-1.5000000 0.183197 0.200036
-1.4850000 0.109816 0.191386
-1.4700000 0.532227 0.199539
-1.4550000 0.437166 0.202307
-1.4400000 0.321960 0.203710
-1.4250000 0.554314 0.244826
-1.4100000 0.534125 0.247113
-1.3950000 0.270494 0.223648
-1.3800000 0.185311 0.215224
-1.3650000 0.127052 0.209153
-1.3500000 0.358017 0.232061
-1.3350000 0.393329 0.224589
-1.3200000 0.450606 0.210849
-1.3050000 0.516916 0.213645
-1.2900000 0.504005 0.217456
-1.2750000 0.381250 0.229983
-1.2600000 0.271314 0.219960
-1.2450000 0.220101 0.214311
-1.2300000 0.482181 0.222705
-1.2150000 0.436584 0.213044
-1.2000000 0.393790 0.203103
-1.1850000 0.466447 0.251058
-1.1700000 0.523159 0.251363
-1.1550000 0.609965 0.249116
-1.1400000 0.584838 0.239851
-1.1250000 0.490663 0.246215
-1.1100000 0.339269 0.258019
-1.0950000 0.657814 0.236675
-1.0800000 0.626610 0.244297
-1.0650000 0.522698 0.261397
-1.0500000 0.750901 0.266079
-1.0350000 0.676759 0.267469
-1.0200000 0.531501 0.267786
-1.0050000 0.808277 0.269692
-0.99000001 0.749151 0.271893
-0.97500001 0.661920 0.274918
-0.96000001 0.713922 0.323969
-0.94500001 0.557889 0.304594
-0.93000001 0.544408 0.289824
-0.91500001 1.12151 0.287859
-0.90000001 0.868505 0.280158
-0.88500001 0.812452 0.286275
-0.87000001 0.913435 0.306516
-0.85500001 0.543109 0.285118
-0.84000001 0.548261 0.283029
-0.82500002 0.589632 0.286356
-0.81000002 0.603086 0.311915
-0.79500002 0.851232 0.306910
-0.78000002 0.874963 0.307395

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-0.76500002	0.737326	0.310623
-0.75000002	0.655831	0.277259
-0.73500002	0.755673	0.276993
-0.72000002	0.902703	0.289948
-0.70500002	1.14337	0.320904
-0.69000002	0.838307	0.293551
-0.67500002	0.796677	0.296793
-0.66000002	0.822139	0.301831
-0.64500002	0.964984	0.306856
-0.63000002	1.48912	0.350200
-0.61500002	1.40711	0.371279
-0.60000002	1.26222	0.363663
-0.58500002	1.08309	0.325109
-0.57000002	0.797600	0.296833
-0.55500002	1.51033	0.368034
-0.54000002	1.55552	0.365781
-0.52500002	1.25428	0.337717
-0.51000002	0.883834	0.330271
-0.49500002	2.01390	0.386002
-0.48000002	1.84948	0.378083
-0.46500002	1.57933	0.365447
-0.45000002	1.50990	0.365803
-0.43500002	2.19867	0.409487
-0.42000002	2.74853	0.423768
-0.40500002	2.54429	0.434416
-0.39000002	2.51574	0.423779
-0.37500003	2.68703	0.418434
-0.36000003	3.00751	0.442903
-0.34500003	3.23133	0.436389
-0.33000003	2.86831	0.442794
-0.31500003	3.16219	0.475130
-0.30000003	3.92606	0.505330
-0.28500003	4.39930	0.511973
-0.27000003	4.22794	0.498852
-0.25500003	5.66639	0.566187
-0.24000003	5.23848	0.563125
-0.22500003	5.82069	0.582533
-0.21000003	7.51368	0.649424
-0.19500003	8.88460	0.700563
-0.18000003	10.2855	0.751711
-0.16500003	14.1651	0.872088
-0.15000003	23.3711	1.09742
-0.13500003	32.9518	1.29129
-0.12000003	52.3141	1.63525
-0.10500003	79.2858	1.99301
-0.090000032	111.438	2.38004
-0.075000032	145.147	2.71915
-0.060000032	178.379	3.02431
-0.045000033	210.079	3.29637
-0.030000033	237.936	3.52187
-0.015000033	258.869	3.68700
-3.3527613e-008	270.095	3.77557
0.014999966	265.921	3.77152
0.029999966	255.183	3.69923
0.044999965	222.751	3.48289
0.059999965	190.004	3.23324
0.074999965	154.429	2.91953
0.089999964	115.478	2.55016
0.10499996	86.1703	2.21392
0.11999996	57.4138	1.82515
0.13499996	37.2628	1.47971
0.14999996	25.5666	1.23597
0.16499996	16.8080	0.994790
0.17999996	13.3324	0.872690
0.19499996	9.69749	0.759658
0.20999996	6.60200	0.662003
0.22499996	6.33175	0.626654
0.23999996	6.57432	0.606166

ASCII_format_for_importing_energy_data.txt

0.25499996	6.56368	0.620194
0.26999996	5.39227	0.562015
0.28499996	4.62965	0.541544
0.29999996	4.38983	0.543882
0.31499996	3.70807	0.490294
0.32999996	3.44356	0.482513
0.34499996	3.06054	0.463379
0.35999996	3.10184	0.460914
0.37499996	2.50268	0.430239
0.38999996	2.39090	0.428310
0.40499996	2.64274	0.449583
0.41999996	2.02570	0.408058
0.43499996	2.21495	0.424789
0.44999996	1.99000	0.415628
0.46499996	1.94188	0.430649
0.47999996	2.09057	0.425775
0.49499996	2.00167	0.384674
0.50999996	2.57247	0.425797
0.52499995	2.19449	0.460536
0.53999995	2.10193	0.456577
0.55499995	2.06385	0.442508
0.56999995	1.24361	0.403746
0.58499995	1.37995	0.384039
0.59999995	1.45200	0.391473
0.61499995	1.28091	0.351965
0.62999995	2.02430	0.417477
0.64499995	1.79472	0.392924
0.65999995	1.37159	0.374388
0.67499995	1.74898	0.392729
0.68999995	1.64602	0.401729
0.70499995	0.0664956	0.314072
0.71999995	0.742604	0.348266
0.73499995	0.839085	0.349950
0.74999995	1.26008	0.393589
0.76499995	0.698972	0.332297
0.77999995	1.05926	0.334840
0.79499995	0.625023	0.304629
0.80999995	0.777340	0.367348
0.82499995	1.13551	0.355608
0.83999995	1.09315	0.363019
0.85499995	1.18677	0.382887
0.86999995	0.735670	0.366739
0.88499995	0.599421	0.356919
0.89999995	0.704155	0.361768
0.91499995	0.818883	0.363457
0.92999995	0.580271	0.333210
0.94499995	0.320717	0.327839
0.95999995	0.955511	0.412408
0.97499994	0.648024	0.355466
0.98999994	0.555996	0.367476
1.0049999	0.379996	0.340754
1.0199999	1.26047	0.395177
1.0349999	0.475526	0.373153
1.0499999	0.190030	0.336331
1.0649999	0.505059	0.341438
1.0799999	0.734099	0.351690
1.0949999	0.708629	0.390901
1.1099999	0.295865	0.362157
1.1249999	0.480178	0.356806
1.1399999	0.667300	0.380308
1.1549999	0.937874	0.373982
1.1699999	1.00455	0.389552
1.1849999	0.865376	0.398986
1.1999999	0.384612	0.372101
1.2149999	0.622799	0.380222
1.2299999	0.319869	0.400743
1.2449999	0.417910	0.379402
1.2599999	0.645593	0.405532

ASCII_format_for_importing_energy_data.txt

```

1.2749999 0.234760 0.370731
1.2899999 0.276944 0.365581
1.3049999 0.413986 0.369424
1.3199999 0.0504803 0.368557
1.3349999 0.0948959 0.402227
1.3499999 0.527202 0.394080
1.3649999 0.552808 0.393217
1.3799999 0.369512 0.422814
1.3949999 0.693080 0.406514
1.4099999 0.751567 0.418551
1.4249999 0.109598 0.371498
1.4399999 0.608592 0.423051
1.4549999 1.08746 0.436831
1.4699999 1.16252 0.428665
1.4849999 1.02309 0.394472
1.4999999 0.560181 0.424651
#Group Number: 4
#Group Value: 1.10000
#X Value Intensity dIntensity
-1.5000000 0.360860 0.233427
-1.4850000 0.401437 0.237766
-1.4700000 0.348794 0.257252
-1.4550000 0.437406 0.252682
-1.4400000 0.545696 0.248134
-1.4250000 0.466841 0.243036
-1.4100000 0.470255 0.243751
-1.3950000 0.542300 0.253148
-1.3800000 0.646342 0.254212
-1.3650000 0.724405 0.255292
-1.3500000 0.738552 0.260719
-1.3350000 0.875529 0.270925
-1.3200000 1.09765 0.287017
-1.3050000 0.626625 0.252940
-1.2900000 0.537953 0.247205
-1.2750000 0.801210 0.268725
-1.2600000 0.823583 0.262257
-1.2450000 0.824267 0.258464
-1.2300000 0.586757 0.254316
-1.2150000 0.564975 0.260125
-1.2000000 0.546524 0.266540
-1.1850000 0.581440 0.270611
-1.1700000 0.690932 0.283949
-1.1550000 0.806291 0.299171
-1.1400000 0.656029 0.282131
-1.1250000 0.613223 0.273638
-1.1100000 0.583328 0.262521
-1.0950000 0.777622 0.282060
-1.0800000 0.746540 0.282211
-1.0650000 0.657779 0.278161
-1.0500000 0.468895 0.265660
-1.0350000 0.535941 0.266879
-1.0200000 0.665302 0.272439
-1.0050000 0.966951 0.277066
-0.99000001 0.861050 0.263955
-0.97500001 0.732973 0.250601
-0.96000001 0.832343 0.294645
-0.94500001 0.808857 0.296281
-0.93000001 0.837847 0.296832
-0.91500001 0.959995 0.287405
-0.90000001 0.945058 0.288260
-0.88500001 0.857581 0.287323
-0.87000001 0.666575 0.283639
-0.85500001 0.666397 0.281044
-0.84000001 0.690853 0.272719
-0.82500002 0.751045 0.267357
-0.81000002 1.05228 0.288186
-0.79500002 1.00953 0.274941
-0.78000002 1.01261 0.267848

```


ASCII_format_for_importing_energy_data.txt

-0.76500002	1.05888	0.264644
-0.75000002	0.473772	0.268288
-0.73500002	1.14258	0.315821
-0.72000002	1.48604	0.337820
-0.70500002	1.34591	0.330580
-0.69000002	1.00580	0.304923
-0.67500002	1.57844	0.337482
-0.66000002	1.73233	0.344262
-0.64500002	1.07525	0.301181
-0.63000002	1.12984	0.305251
-0.61500002	1.31497	0.321122
-0.60000002	1.48685	0.333714
-0.58500002	1.62073	0.344352
-0.57000002	1.62081	0.355403
-0.55500002	1.35425	0.335334
-0.54000002	1.32065	0.320097
-0.52500002	1.45924	0.322551
-0.51000002	1.73299	0.361343
-0.49500002	2.00431	0.347935
-0.48000002	1.81216	0.355595
-0.46500002	1.89362	0.364027
-0.45000002	2.27304	0.377032
-0.43500002	2.89488	0.406814
-0.42000002	2.37494	0.388052
-0.40500002	2.79894	0.420158
-0.39000002	2.79960	0.412938
-0.37500003	2.90546	0.415488
-0.36000003	3.74398	0.473375
-0.34500003	3.88636	0.471061
-0.33000003	3.80308	0.440303
-0.31500003	4.34648	0.470297
-0.30000003	4.40633	0.490378
-0.28500003	4.50667	0.491868
-0.27000003	5.30600	0.496483
-0.25500003	5.55448	0.553190
-0.24000003	6.51710	0.580690
-0.22500003	6.70775	0.582750
-0.21000003	8.66612	0.652074
-0.19500003	10.5586	0.712562
-0.18000003	12.6838	0.768475
-0.16500003	17.2163	0.879536
-0.15000003	26.3777	1.08530
-0.13500003	40.5874	1.33486
-0.12000003	61.8012	1.65778
-0.10500003	86.9362	1.95803
-0.090000032	115.682	2.26214
-0.075000032	148.129	2.56275
-0.060000032	185.271	2.88007
-0.045000033	218.021	3.13176
-0.030000033	243.341	3.30916
-0.015000033	264.116	3.45821
-3.3527613e-008	270.398	3.52116
0.014999966	262.204	3.47293
0.029999966	249.012	3.40248
0.044999965	220.541	3.20349
0.059999965	183.388	2.94233
0.074999965	146.883	2.63964
0.089999964	108.117	2.29053
0.10499996	80.3214	1.97199
0.11999996	56.5575	1.68904
0.13499996	38.4576	1.39837
0.14999996	27.1818	1.17049
0.16499996	18.8236	0.964465
0.17999996	12.4925	0.827875
0.19499996	10.1410	0.748536
0.20999996	9.70962	0.710156
0.22499996	7.85507	0.646181
0.23999996	6.08736	0.590783

ASCII_format_for_importing_energy_data.txt

0.25499996	5.92790	0.568332
0.26999996	5.66965	0.557162
0.28499996	3.82471	0.501993
0.29999996	4.97021	0.550209
0.31499996	4.68628	0.525936
0.32999996	5.16570	0.543583
0.34499996	2.94498	0.448175
0.35999996	4.28591	0.520972
0.37499996	3.51414	0.484931
0.38999996	3.74297	0.483132
0.40499996	3.11686	0.478519
0.41999996	2.93340	0.463818
0.43499996	2.98885	0.444012
0.44999996	2.36208	0.414324
0.46499996	2.46705	0.429583
0.47999996	3.04104	0.446459
0.49499996	2.28668	0.420363
0.50999996	1.91730	0.421380
0.52499995	2.29189	0.417349
0.53999995	2.12800	0.431745
0.55499995	1.57815	0.382048
0.56999995	2.22494	0.434939
0.58499995	1.92934	0.416301
0.59999995	1.54259	0.406637
0.61499995	1.64194	0.400139
0.62999995	1.55759	0.402548
0.64499995	1.61280	0.398612
0.65999995	1.64350	0.391858
0.67499995	1.67481	0.406567
0.68999995	1.90030	0.410760
0.70499995	1.44169	0.397043
0.71999995	1.66878	0.426609
0.73499995	1.67374	0.404052
0.74999995	1.73614	0.415067
0.76499995	0.968912	0.339422
0.77999995	1.47011	0.379762
0.79499995	1.25134	0.364396
0.80999995	1.30746	0.372501
0.82499995	0.885954	0.334372
0.83999995	0.409122	0.362359
0.85499995	0.908233	0.373274
0.86999995	1.23221	0.398182
0.88499995	0.902883	0.370919
0.89999995	0.988923	0.389949
0.91499995	0.947908	0.390475
0.92999995	1.28112	0.378423
0.94499995	0.804770	0.362881
0.95999995	1.34587	0.385572
0.97499994	1.00340	0.393420
0.98999994	1.15363	0.391470
1.0049999	1.48998	0.377864
1.0199999	0.534270	0.384700
1.0349999	0.497323	0.409406
1.0499999	1.19766	0.410780
1.0649999	1.34364	0.387569
1.0799999	0.725421	0.353995
1.0949999	0.770638	0.381252
1.1099999	0.501047	0.358599
1.1249999	0.487791	0.350079
1.1399999	0.910474	0.410518
1.1549999	0.420069	0.373323
1.1699999	0.960322	0.411284
1.1849999	1.60650	0.428678
1.1999999	0.451280	0.379062
1.2149999	0.499025	0.411387
1.2299999	0.977255	0.406068
1.2449999	0.488060	0.406020
1.2599999	0.184886	0.376288

ASCII_format_for_importing_energy_data.txt

```

1.2749999 0.211503 0.405926
1.2899999 1.18334 0.420515
1.3049999 0.553990 0.389233
1.3199999 0.619527 0.409361
1.3349999 -0.278465 0.367975
1.3499999 0.442526 0.397186
1.3649999 -0.184760 0.372791
1.3799999 0.947085 0.401954
1.3949999 0.284040 0.392682
1.4099999 0.385282 0.406671
1.4249999 0.656616 0.423104
1.4399999 0.502113 0.430317
1.4549999 0.0274499 0.444885
1.4699999 0.429221 0.456583
1.4849999 0.190049 0.391025
1.4999999 0.237626 0.430744
#Group Number: 5
#Group Value: 1.30000
#X Value Intensity dIntensity
-1.5000000 0.345033 0.237792
-1.4850000 0.336941 0.233030
-1.4700000 0.358291 0.245388
-1.4550000 0.519439 0.255238
-1.4400000 0.688537 0.265622
-1.4250000 0.588806 0.261917
-1.4100000 0.594579 0.260277
-1.3950000 0.703687 0.256861
-1.3800000 0.691871 0.264849
-1.3650000 0.680972 0.270361
-1.3500000 0.900709 0.273314
-1.3350000 0.785652 0.272451
-1.3200000 0.566531 0.269946
-1.3050000 0.727419 0.255481
-1.2900000 0.817836 0.256785
-1.2750000 0.931164 0.277331
-1.2600000 0.761548 0.271484
-1.2450000 0.666703 0.267249
-1.2300000 0.786941 0.270738
-1.2150000 0.564077 0.264814
-1.2000000 0.338669 0.258110
-1.1850000 0.765990 0.245109
-1.1700000 0.678541 0.248296
-1.1550000 0.540192 0.254851
-1.1400000 0.272900 0.243334
-1.1250000 0.466079 0.253231
-1.1100000 0.829857 0.270788
-1.0950000 0.711356 0.273345
-1.0800000 0.891091 0.285690
-1.0650000 1.21639 0.304857
-1.0500000 1.07240 0.293623
-1.0350000 1.26166 0.307497
-1.0200000 1.57348 0.328797
-1.0050000 0.877656 0.273794
-0.99000001 0.863054 0.274344
-0.97500001 0.889452 0.279099
-0.96000001 0.806018 0.272659
-0.94500001 0.955573 0.285751
-0.93000001 1.01811 0.294167
-0.91500001 0.797848 0.294847
-0.90000001 0.979065 0.296117
-0.88500001 1.01125 0.296588
-0.87000001 0.924640 0.296910
-0.85500001 0.903563 0.292209
-0.84000001 1.10919 0.310247
-0.82500002 1.29386 0.324986
-0.81000002 1.19435 0.310362
-0.79500002 1.18942 0.304337
-0.78000002 1.35871 0.321901

```

ASCII_format_for_importing_energy_data.txt

-0.76500002	1.67837	0.354456
-0.75000002	1.42454	0.327518
-0.73500002	1.57978	0.334892
-0.72000002	1.63747	0.336879
-0.70500002	1.53643	0.330657
-0.69000002	1.23596	0.307983
-0.67500002	1.43121	0.325291
-0.66000002	1.53948	0.325975
-0.64500002	1.48831	0.301130
-0.63000002	1.95514	0.348958
-0.61500002	1.67257	0.340742
-0.60000002	1.62139	0.338833
-0.58500002	1.86392	0.347531
-0.57000002	2.47113	0.380301
-0.55500002	2.47761	0.378050
-0.54000002	2.16458	0.367294
-0.52500002	2.00649	0.365894
-0.51000002	2.71025	0.400259
-0.49500002	2.52646	0.409203
-0.48000002	2.36771	0.387361
-0.46500002	2.51271	0.382992
-0.45000002	2.82048	0.398127
-0.43500002	2.87250	0.418430
-0.42000002	2.35900	0.407350
-0.40500002	2.59663	0.408731
-0.39000002	2.98943	0.421648
-0.37500003	3.35224	0.436824
-0.36000003	3.48091	0.442035
-0.34500003	4.27262	0.488673
-0.33000003	4.70922	0.484562
-0.31500003	5.01367	0.516316
-0.30000003	5.17489	0.528136
-0.28500003	5.59693	0.532092
-0.27000003	6.34089	0.545705
-0.25500003	5.78925	0.535909
-0.24000003	5.90673	0.534678
-0.22500003	7.29323	0.599009
-0.21000003	9.07771	0.657699
-0.19500003	11.0634	0.712988
-0.18000003	14.4559	0.802371
-0.16500003	20.5753	0.946196
-0.15000003	29.9324	1.13597
-0.13500003	46.1157	1.41074
-0.12000003	64.7511	1.66827
-0.10500003	96.1070	2.05119
-0.090000032	124.503	2.31045
-0.075000032	158.503	2.61140
-0.060000032	194.786	2.90945
-0.045000033	227.467	3.14502
-0.030000033	252.836	3.31399
-0.015000033	268.159	3.42862
-3.3527613e-008	272.353	3.46016
0.014999966	268.253	3.44028
0.029999966	253.445	3.35143
0.044999965	220.927	3.15583
0.059999965	192.277	2.95817
0.074999965	149.575	2.61551
0.089999964	114.270	2.31200
0.10499996	83.7200	1.99040
0.11999996	58.3042	1.67131
0.13499996	38.9476	1.39238
0.14999996	26.8114	1.17501
0.16499996	18.1537	0.964333
0.17999996	14.6291	0.834157
0.19499996	11.6661	0.774053
0.20999996	10.2423	0.727106
0.22499996	8.61157	0.671701
0.23999996	7.48742	0.643496

ASCII_format_for_importing_energy_data.txt

0.25499996	6.78539	0.597776
0.26999996	6.41584	0.596823
0.28499996	5.86571	0.579620
0.29999996	5.53478	0.582102
0.31499996	4.63492	0.528862
0.32999996	5.74597	0.562662
0.34499996	4.81678	0.542277
0.35999996	4.47954	0.503577
0.37499996	3.96261	0.483473
0.38999996	3.06530	0.464304
0.40499996	3.31503	0.455698
0.41999996	3.37063	0.463659
0.43499996	3.61233	0.490351
0.44999996	3.06724	0.465132
0.46499996	3.11962	0.455634
0.47999996	3.02107	0.450005
0.49499996	2.85844	0.445859
0.50999996	3.04641	0.457537
0.52499995	1.65777	0.419402
0.53999995	2.25055	0.419595
0.55499995	2.43526	0.428446
0.56999995	2.27021	0.424566
0.58499995	2.08650	0.412145
0.59999995	2.64511	0.449096
0.61499995	2.34218	0.426752
0.62999995	1.57598	0.398636
0.64499995	1.94309	0.439132
0.65999995	1.42071	0.402140
0.67499995	1.19667	0.389822
0.68999995	2.04448	0.448984
0.70499995	1.49162	0.414151
0.71999995	2.43705	0.457959
0.73499995	1.31235	0.417673
0.74999995	0.999198	0.408640
0.76499995	1.73199	0.437552
0.77999995	1.42066	0.422004
0.79499995	1.95263	0.458485
0.80999995	1.64015	0.439810
0.82499995	1.53991	0.411601
0.83999995	1.24101	0.429975
0.85499995	1.15016	0.431972
0.86999995	0.817957	0.399490
0.88499995	1.36974	0.411545
0.89999995	0.549450	0.376095
0.91499995	0.729740	0.401245
0.92999995	1.23260	0.419266
0.94499995	1.58739	0.418201
0.95999995	1.15055	0.371427
0.97499994	0.771554	0.395512
0.98999994	0.982239	0.412739
1.0049999	1.50017	0.413852
1.0199999	0.962350	0.439369
1.0349999	0.749207	0.401388
1.0499999	0.796435	0.401010
1.0649999	0.840490	0.413645
1.0799999	1.17755	0.423831
1.0949999	1.18962	0.426135
1.1099999	0.820928	0.432381
1.1249999	1.98829	0.446582
1.1399999	1.48126	0.418623
1.1549999	0.989507	0.448008
1.1699999	0.762726	0.427025
1.1849999	0.322422	0.402155
1.1999999	0.0605020	0.414743
1.2149999	0.874893	0.405958
1.2299999	0.438022	0.400381
1.2449999	0.0295925	0.407328
1.2599999	0.451423	0.410150

ASCII_format_for_importing_energy_data.txt

1.2749999	1.10463	0.456790
1.2899999	0.596304	0.418443
1.3049999	0.492833	0.425754
1.3199999	0.594614	0.424035
1.3349999	0.276651	0.412576
1.3499999	1.00217	0.440013
1.3649999	1.00603	0.434078
1.3799999	0.655345	0.433338
1.3949999	0.820778	0.457967
1.4099999	0.923318	0.476147
1.4249999	0.397480	0.447514
1.4399999	1.24706	0.492078
1.4549999	1.04184	0.467509
1.4699999	0.937612	0.443535
1.4849999	0.256152	0.451475
1.4999999	0.518568	0.487029
#Group Number: 6		
#Group Value: 1.50000		
#X Value	Intensity	dIntensity
-1.5000000	0.878187	0.271879
-1.4850000	0.830604	0.268431
-1.4700000	0.754369	0.269577
-1.4550000	0.802549	0.269918
-1.4400000	0.860158	0.270626
-1.4250000	1.11653	0.284758
-1.4100000	1.05299	0.278851
-1.3950000	0.610917	0.241982
-1.3800000	0.677532	0.252203
-1.3650000	0.727024	0.259667
-1.3500000	0.683162	0.272149
-1.3350000	0.741310	0.273985
-1.3200000	0.857141	0.277557
-1.3050000	0.636648	0.266511
-1.2900000	0.515931	0.258102
-1.2750000	0.305279	0.233969
-1.2600000	0.527361	0.251864
-1.2450000	0.680748	0.262286
-1.2300000	0.961401	0.263514
-1.2150000	0.879496	0.273742
-1.2000000	0.805899	0.283964
-1.1850000	0.826558	0.298124
-1.1700000	0.743844	0.283811
-1.1550000	0.653721	0.262958
-1.1400000	0.609841	0.275684
-1.1250000	0.870117	0.288071
-1.1100000	1.27552	0.303371
-1.0950000	0.907601	0.278374
-1.0800000	1.00390	0.283549
-1.0650000	1.22324	0.296220
-1.0500000	0.938679	0.304114
-1.0350000	1.01469	0.305240
-1.0200000	1.13716	0.303719
-1.0050000	1.01459	0.299354
-0.99000001	0.948541	0.290337
-0.97500001	0.906062	0.282516
-0.96000001	1.11588	0.317690
-0.94500001	1.28047	0.315930
-0.93000001	1.42389	0.314326
-0.91500001	1.64603	0.311556
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-0.88500001	0.611879	0.292454
-0.87000001	0.572729	0.291460
-0.85500001	0.774170	0.277500
-0.84000001	0.997669	0.284514
-0.82500002	1.23063	0.297350
-0.81000002	1.52434	0.334715
-0.79500002	1.58373	0.337378
-0.78000002	1.49835	0.329538

ASCII_format_for_importing_energy_data.txt

-0.76500002	1.28715	0.312229
-0.75000002	1.33794	0.315820
-0.73500002	1.52973	0.336818
-0.72000002	1.61251	0.339335
-0.70500002	1.56362	0.316130
-0.69000002	1.55113	0.344797
-0.67500002	1.58669	0.346311
-0.66000002	1.62963	0.349524
-0.64500002	1.66814	0.356895
-0.63000002	2.47674	0.367458
-0.61500002	2.25333	0.364176
-0.60000002	2.10697	0.366106
-0.58500002	2.11694	0.372734
-0.57000002	2.46961	0.371651
-0.55500002	2.31057	0.362803
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-0.52500002	2.78250	0.396362
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-0.48000002	2.60591	0.394303
-0.46500002	2.60840	0.391088
-0.45000002	2.75773	0.386111
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-0.42000002	3.08596	0.417330
-0.40500002	3.43936	0.433338
-0.39000002	3.57657	0.434527
-0.37500003	3.73005	0.439164
-0.36000003	4.19734	0.466685
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-0.33000003	4.66294	0.473303
-0.31500003	5.01996	0.496029
-0.30000003	5.62153	0.518797
-0.28500003	6.17815	0.536885
-0.27000003	6.60651	0.556745
-0.25500003	7.42368	0.585158
-0.24000003	8.12618	0.602686
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-0.21000003	9.62663	0.639262
-0.19500003	12.0042	0.721111
-0.18000003	15.8563	0.825707
-0.16500003	22.6119	0.969447
-0.15000003	31.6606	1.13763
-0.13500003	47.7333	1.42015
-0.12000003	66.4587	1.69157
-0.10500003	99.9386	2.05006
-0.090000032	125.805	2.31518
-0.075000032	151.631	2.54009
-0.060000032	183.602	2.80857
-0.045000033	214.703	3.06020
-0.030000033	237.652	3.23685
-0.015000033	250.760	3.33643
-3.3527613e-008	251.132	3.35148
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0.029999966	231.819	3.24548
0.044999965	201.224	3.03766
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0.11999996	56.4866	1.66967
0.13499996	37.4707	1.37657
0.14999996	25.4182	1.14468
0.16499996	18.0177	0.982570
0.17999996	13.7205	0.848059
0.19499996	9.84107	0.721898
0.20999996	8.23774	0.670093
0.22499996	7.67114	0.627500
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ASCII_format_for_importing_energy_data.txt

0.25499996	7.36888	0.614070
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0.29999996	5.25933	0.541037
0.31499996	4.74838	0.515194
0.32999996	4.41103	0.503216
0.34499996	4.10866	0.486601
0.35999996	4.06685	0.501484
0.37499996	4.34414	0.498842
0.38999996	3.46401	0.462577
0.40499996	3.80645	0.484597
0.41999996	3.33415	0.481494
0.43499996	2.83389	0.464689
0.44999996	2.68678	0.467032
0.46499996	2.92987	0.466866
0.47999996	2.59971	0.436122
0.49499996	2.83785	0.474023
0.50999996	2.83789	0.438604
0.52499995	3.29252	0.499640
0.53999995	2.29323	0.483936
0.55499995	2.27248	0.435271
0.56999995	2.33203	0.434849
0.58499995	2.37982	0.488435
0.59999995	1.98631	0.444790
0.61499995	1.79235	0.422409
0.62999995	2.14185	0.420595
0.64499995	1.72099	0.389567
0.65999995	2.23009	0.434879
0.67499995	2.05107	0.443097
0.68999995	1.81132	0.445507
0.70499995	1.62346	0.385105
0.71999995	1.87681	0.453969
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0.74999995	1.38523	0.458652
0.76499995	1.81498	0.501060
0.77999995	1.67489	0.430119
0.79499995	1.66861	0.453807
0.80999995	2.36867	0.528927
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0.83999995	1.26439	0.461347
0.85499995	1.09020	0.417878
0.86999995	1.60496	0.544551
0.88499995	1.32192	0.492343
0.89999995	1.34020	0.436577
0.91499995	0.963506	0.415358
0.92999995	1.06129	0.417541
0.94499995	0.900781	0.415713
0.95999995	0.982555	0.423390
0.97499994	1.32441	0.456095
0.98999994	1.52000	0.499040
1.0049999	1.18659	0.418818
1.0199999	1.04420	0.500824
1.0349999	0.854094	0.499169
1.0499999	1.56976	0.460040
1.0649999	0.971748	0.388845
1.0799999	1.97467	0.529107
1.0949999	0.663183	0.415510
1.1099999	1.29074	0.438774
1.1249999	0.961151	0.479332
1.1399999	0.682939	0.444263
1.1549999	1.10007	0.459291
1.1699999	1.40189	0.532891
1.1849999	0.713186	0.403682
1.1999999	0.905013	0.448273
1.2149999	0.949399	0.455540
1.2299999	0.679167	0.428827
1.2449999	1.00325	0.519684
1.2599999	0.870104	0.410227

ASCII_format_for_importing_energy_data.txt

```

1.2749999 1.08295 0.522520
1.2899999 0.928203 0.460353
1.3049999 1.64386 0.534696
1.3199999 0.756341 0.493867
1.3349999 1.38386 0.501620
1.3499999 0.915375 0.466488
1.3649999 0.492555 0.472918
1.3799999 2.15258 0.575634
1.3949999 1.59597 0.513115
1.4099999 0.587361 0.526977
1.4249999 0.287702 0.453110
1.4399999 1.24966 0.553539
1.4549999 0.519848 0.480531
1.4699999 0.688718 0.513586
1.4849999 1.70508 0.606590
1.4999999 0.198898 0.511303
#Group Number: 7
#Group Value: 1.70000
#X Value Intensity dIntensity
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-1.4850000 0.705469 0.271276
-1.4700000 0.486182 0.230887
-1.4550000 0.720745 0.249129
-1.4400000 0.968005 0.264953
-1.4250000 0.973771 0.275720
-1.4100000 0.912517 0.273641
-1.3950000 0.641174 0.243355
-1.3800000 0.845717 0.261316
-1.3650000 0.991057 0.272952
-1.3500000 0.763172 0.263904
-1.3350000 0.737497 0.264962
-1.3200000 0.710513 0.268498
-1.3050000 0.775738 0.305826
-1.2900000 0.853426 0.318746
-1.2750000 1.09592 0.334645
-1.2600000 1.09262 0.354762
-1.2450000 1.07367 0.364575
-1.2300000 1.01743 0.339845
-1.2150000 1.17726 0.337321
-1.2000000 1.32875 0.333213
-1.1850000 0.691308 0.296004
-1.1700000 0.824890 0.290019
-1.1550000 1.04075 0.283434
-1.1400000 0.753075 0.313842
-1.1250000 1.03597 0.330590
-1.1100000 1.58776 0.352056
-1.0950000 1.12301 0.311459
-1.0800000 1.22849 0.344640
-1.0650000 1.50757 0.400453
-1.0500000 1.23121 0.378822
-1.0350000 0.923787 0.335633
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-0.96000001 0.712555 0.360531
-0.94500001 1.03564 0.380481
-0.93000001 1.26322 0.386556
-0.91500001 1.27112 0.349186
-0.90000001 1.04996 0.347914
-0.88500001 0.984047 0.348215
-0.87000001 0.996989 0.349031
-0.85500001 1.48926 0.411599
-0.84000001 1.44173 0.408804
-0.82500002 1.34143 0.400497
-0.81000002 1.31723 0.398111
-0.79500002 1.77398 0.455659
-0.78000002 1.84276 0.465158

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ASCII_format_for_importing_energy_data.txt

-0.76500002	1.67046	0.445917
-0.75000002	1.72595	0.444565
-0.73500002	1.92076	0.442898
-0.72000002	1.98012	0.432842
-0.70500002	1.83340	0.407009
-0.69000002	1.56241	0.430245
-0.67500002	1.94626	0.458956
-0.66000002	2.20334	0.475821
-0.64500002	2.22599	0.477228
-0.63000002	1.73655	0.426947
-0.61500002	1.37179	0.393993
-0.60000002	1.53841	0.392015
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-0.57000002	2.35381	0.482787
-0.55500002	1.91051	0.448456
-0.54000002	2.07621	0.461300
-0.52500002	2.63802	0.509927
-0.51000002	3.46165	0.591903
-0.49500002	2.74931	0.497366
-0.48000002	3.04535	0.466352
-0.46500002	3.16253	0.485185
-0.45000002	3.20747	0.518958
-0.43500002	3.34109	0.489760
-0.42000002	3.18361	0.542444
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-0.39000002	3.68893	0.552979
-0.37500003	3.99618	0.585380
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-0.34500003	5.46047	0.631012
-0.33000003	5.18270	0.660322
-0.31500003	4.91397	0.649330
-0.30000003	5.12274	0.644047
-0.28500003	5.48399	0.653844
-0.27000003	5.59518	0.673043
-0.25500003	6.53770	0.703009
-0.24000003	7.87886	0.763724
-0.22500003	8.72823	0.830524
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-0.18000003	18.3591	1.14323
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-0.15000003	36.6124	1.60967
-0.13500003	53.6750	1.99719
-0.12000003	71.9442	2.28288
-0.10500003	101.181	2.72757
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-0.075000032	151.233	3.29390
-0.060000032	182.339	3.65706
-0.045000033	211.110	3.96763
-0.030000033	229.374	4.13034
-0.015000033	236.841	4.18949
-3.3527613e-008	234.590	4.23173
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0.074999965	124.456	3.21953
0.089999964	99.4439	2.85906
0.10499996	73.1623	2.52366
0.11999996	53.7472	2.16917
0.13499996	36.3078	1.80077
0.14999996	25.2232	1.49175
0.16499996	17.9046	1.27446
0.17999996	12.6606	1.07641
0.19499996	10.0986	0.945010
0.20999996	8.63287	0.878572
0.22499996	8.55955	0.848817
0.23999996	7.84416	0.767296

ASCII_format_for_importing_energy_data.txt

0.25499996	5.79579	0.672142
0.26999996	5.89487	0.722267
0.28499996	5.29495	0.675433
0.29999996	5.16093	0.680937
0.31499996	5.03785	0.699126
0.32999996	6.52295	0.745688
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0.38999996	4.13406	0.594820
0.40499996	3.38989	0.548950
0.41999996	3.51756	0.584924
0.43499996	3.95007	0.600935
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0.49499996	2.63636	0.513491
0.50999996	2.10896	0.462663
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0.53999995	2.93323	0.562041
0.55499995	2.03429	0.521602
0.56999995	2.66468	0.507270
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0.67499995	1.53762	0.462214
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0.71999995	1.90036	0.433886
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0.88499995	1.30664	0.378819
0.89999995	1.57262	0.382469
0.91499995	1.40986	0.390642
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0.97499994	1.11126	0.384712
0.98999994	1.29675	0.373413
1.0049999	1.64734	0.408029
1.0199999	0.817835	0.374697
1.0349999	1.27874	0.365645
1.0499999	1.06688	0.368168
1.0649999	1.01667	0.381808
1.0799999	1.04236	0.355244
1.0949999	1.20153	0.387317
1.1099999	1.40956	0.385628
1.1249999	0.578334	0.366416
1.1399999	1.26637	0.381881
1.1549999	0.964145	0.359504
1.1699999	0.998541	0.396231
1.1849999	1.14293	0.397777
1.1999999	0.612043	0.367424
1.2149999	0.836168	0.372659
1.2299999	0.0489779	0.342540
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1.2599999	1.50040	0.401317

ASCII_format_for_importing_energy_data.txt

```

1.2749999 1.21442 0.420146
1.2899999 1.22122 0.385703
1.3049999 0.599625 0.378244
1.3199999 1.61253 0.398315
1.3349999 1.21936 0.378953
1.3499999 1.29824 0.398767
1.3649999 0.941367 0.382579
1.3799999 0.929105 0.395338
1.3949999 0.999173 0.377779
1.4099999 1.23869 0.389347
1.4249999 0.485724 0.389892
1.4399999 0.636832 0.392689
1.4549999 0.751420 0.380126
1.4699999 1.01201 0.399505
1.4849999 0.499118 0.378600
1.4999999 -0.0810619 0.373108
#Group Number: 8
#Group Value: 1.90000
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-1.4700000 0.922329 0.294398
-1.4550000 0.801475 0.288824
-1.4400000 0.677377 0.284802
-1.4250000 0.831752 0.319884
-1.4100000 0.901578 0.322596
-1.3950000 0.980973 0.309972
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-1.3350000 0.969981 0.289170
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-1.3050000 0.931940 0.284823
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-1.2750000 1.04829 0.305614
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-1.1400000 1.31168 0.304842
-1.1250000 1.06534 0.293843
-1.1100000 0.590207 0.270100
-1.0950000 0.868313 0.274868
-1.0800000 0.852690 0.270869
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-1.0500000 1.23621 0.291066
-1.0350000 1.23773 0.283268
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-0.97500001 1.38582 0.298203
-0.96000001 0.938845 0.263138
-0.94500001 1.22970 0.284140
-0.93000001 1.40102 0.299797
-0.91500001 1.20336 0.306251
-0.90000001 0.825582 0.277215
-0.88500001 0.899917 0.272563
-0.87000001 1.35021 0.288103
-0.85500001 1.31050 0.302200
-0.84000001 1.48794 0.310463
-0.82500002 1.68565 0.317893
-0.81000002 1.83643 0.325765
-0.79500002 1.58326 0.316793
-0.78000002 1.46104 0.313566

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ASCII_format_for_importing_energy_data.txt

-0.76500002	1.39916	0.315734
-0.75000002	1.31418	0.316708
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-0.70500002	1.71527	0.305756
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-0.67500002	1.70355	0.323494
-0.66000002	2.08425	0.338990
-0.64500002	2.62968	0.357714
-0.63000002	2.33991	0.345597
-0.61500002	2.03734	0.333591
-0.60000002	1.93679	0.333753
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-0.42000002	3.29640	0.425973
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-0.37500003	4.26005	0.442501
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-0.34500003	4.22714	0.438663
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-0.31500003	5.33393	0.498119
-0.30000003	5.19935	0.487200
-0.28500003	5.41369	0.486029
-0.27000003	6.15082	0.502290
-0.25500003	6.13588	0.519033
-0.24000003	7.34287	0.566059
-0.22500003	9.45850	0.625520
-0.21000003	11.6311	0.679420
-0.19500003	13.3839	0.731152
-0.18000003	17.3191	0.826159
-0.16500003	25.2025	0.979511
-0.15000003	35.1539	1.15895
-0.13500003	51.0218	1.40113
-0.12000003	70.6350	1.63918
-0.10500003	92.0868	1.88254
-0.090000032	117.280	2.12930
-0.075000032	144.224	2.35107
-0.060000032	169.633	2.54689
-0.045000033	190.690	2.70999
-0.030000033	205.281	2.82177
-0.015000033	212.972	2.88100
-3.3527613e-008	212.677	2.88665
0.014999966	201.904	2.82086
0.029999966	188.382	2.74432
0.044999965	167.182	2.60682
0.059999965	142.014	2.41268
0.074999965	116.931	2.19855
0.089999964	91.0296	1.96107
0.10499996	68.4294	1.70748
0.11999996	50.5164	1.50506
0.13499996	35.8375	1.27287
0.14999996	24.9271	1.06552
0.16499996	18.2788	0.906244
0.17999996	13.6475	0.796377
0.19499996	11.4987	0.717291
0.20999996	9.27373	0.636684
0.22499996	9.07860	0.607136
0.23999996	7.45123	0.548782

ASCII_format_for_importing_energy_data.txt

0.25499996	7.05238	0.543537
0.26999996	6.74759	0.545888
0.28499996	5.63611	0.490593
0.29999996	4.94304	0.457872
0.31499996	4.74897	0.455713
0.32999996	4.33749	0.448633
0.34499996	4.68377	0.468443
0.35999996	4.16588	0.422068
0.37499996	3.84855	0.418529
0.38999996	4.05760	0.425620
0.40499996	4.30870	0.443411
0.41999996	3.47674	0.399361
0.43499996	3.02893	0.386463
0.44999996	3.08123	0.394078
0.46499996	3.02057	0.386294
0.47999996	2.52403	0.365207
0.49499996	2.91643	0.379814
0.50999996	2.81720	0.356686
0.52499995	2.86705	0.352818
0.53999995	2.79923	0.352174
0.55499995	3.02082	0.373453
0.56999995	2.69077	0.359927
0.58499995	2.25249	0.352677
0.59999995	1.98760	0.327740
0.61499995	1.65639	0.320619
0.62999995	2.47233	0.363356
0.64499995	2.76985	0.361282
0.65999995	2.88115	0.374322
0.67499995	2.16024	0.321005
0.68999995	2.06614	0.329457
0.70499995	2.39894	0.331430
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0.79499995	1.54524	0.331348
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0.82499995	1.87525	0.328176
0.83999995	1.39004	0.294871
0.85499995	1.58283	0.318050
0.86999995	1.78542	0.349815
0.88499995	1.74257	0.317478
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0.97499994	1.19711	0.298191
0.98999994	0.953928	0.279483
1.0049999	1.23794	0.309722
1.0199999	1.23915	0.298546
1.0349999	1.16775	0.300939
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1.0649999	1.40335	0.327011
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1.0949999	1.51166	0.324962
1.1099999	1.43530	0.300699
1.1249999	1.30289	0.317925
1.1399999	1.39165	0.316265
1.1549999	1.63077	0.321827
1.1699999	1.22125	0.303794
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1.1999999	1.27653	0.302789
1.2149999	0.529966	0.259114
1.2299999	1.14500	0.286877
1.2449999	1.03493	0.300279
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ASCII_format_for_importing_energy_data.txt

1.2749999	1.09046	0.306468
1.2899999	1.20849	0.311040
1.3049999	1.02904	0.310427
1.3199999	0.777061	0.307505
1.3349999	0.801555	0.322567
1.3499999	0.744796	0.271833
1.3649999	0.420679	0.274906
1.3799999	0.811292	0.310005
1.3949999	0.414968	0.288665
1.4099999	1.35197	0.320409
1.4249999	1.33640	0.330662
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1.4549999	0.861095	0.296196
1.4699999	1.14014	0.312417
1.4849999	0.721462	0.319974
1.4999999	0.863567	0.339189
#Group Number: 9		
#Group Value: 2.10000		
#X Value	Intensity	dIntensity
-1.5000000	0.770905	0.220976
-1.4850000	0.717009	0.217425
-1.4700000	0.772008	0.207242
-1.4550000	0.671533	0.204027
-1.4400000	0.565492	0.200637
-1.4250000	0.950249	0.229254
-1.4100000	0.934089	0.226917
-1.3950000	0.671840	0.207634
-1.3800000	0.832255	0.211233
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-1.3050000	1.11361	0.235788
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-1.2750000	0.808605	0.211937
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-1.1550000	1.32189	0.257204
-1.1400000	1.06302	0.232427
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-1.1100000	1.07342	0.239979
-1.0950000	1.24407	0.240299
-1.0800000	1.37562	0.247042
-1.0650000	1.52548	0.256971
-1.0500000	1.07178	0.240547
-1.0350000	1.07408	0.243376
-1.0200000	1.15520	0.249521
-1.0050000	1.40660	0.238372
-0.99000001	1.37997	0.248928
-0.97500001	1.33604	0.258521
-0.96000001	1.08345	0.236779
-0.94500001	1.15959	0.228806
-0.93000001	1.18590	0.223299
-0.91500001	1.07184	0.231042
-0.90000001	1.30878	0.239523
-0.88500001	1.35080	0.242533
-0.87000001	1.25156	0.239905
-0.85500001	1.47359	0.280330
-0.84000001	1.51584	0.275248
-0.82500002	1.55308	0.268625
-0.81000002	1.40404	0.260458
-0.79500002	1.78929	0.284291
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ASCII_format_for_importing_energy_data.txt

-0.76500002	1.62734	0.271980
-0.75000002	2.03760	0.291073
-0.73500002	1.98961	0.299411
-0.72000002	1.87989	0.296141
-0.70500002	1.69024	0.273944
-0.69000002	1.99010	0.292301
-0.67500002	1.81584	0.292921
-0.66000002	1.72641	0.284295
-0.64500002	1.89013	0.271257
-0.63000002	2.00644	0.291389
-0.61500002	2.02894	0.297808
-0.60000002	2.01041	0.300785
-0.58500002	1.91466	0.297221
-0.57000002	2.06333	0.284122
-0.55500002	2.57605	0.309074
-0.54000002	2.50442	0.308644
-0.52500002	2.28903	0.304011
-0.51000002	2.44874	0.319523
-0.49500002	3.36951	0.349393
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-0.46500002	3.11902	0.343467
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-0.25500003	6.75633	0.473577
-0.24000003	6.19182	0.460748
-0.22500003	7.64228	0.502446
-0.21000003	9.68109	0.551543
-0.19500003	12.3750	0.619764
-0.18000003	16.7219	0.727554
-0.16500003	23.9832	0.879213
-0.15000003	34.2607	1.04974
-0.13500003	45.5379	1.20717
-0.12000003	64.6815	1.42503
-0.10500003	83.8133	1.63124
-0.090000032	104.860	1.81431
-0.075000032	126.504	2.00582
-0.060000032	145.626	2.16244
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-0.015000033	184.930	2.46454
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0.074999965	111.307	1.95896
0.089999964	85.2087	1.74869
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0.11999996	53.0851	1.39748
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0.14999996	26.5855	1.00977
0.16499996	20.0164	0.869117
0.17999996	15.9984	0.764632
0.19499996	11.7765	0.657184
0.20999996	9.58046	0.594331
0.22499996	8.03227	0.552077
0.23999996	6.42325	0.488043

ASCII_format_for_importing_energy_data.txt

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0.29999996	5.19513	0.434195
0.31499996	5.50505	0.437973
0.32999996	5.02591	0.429653
0.34499996	4.77502	0.418055
0.35999996	3.94394	0.383636
0.37499996	4.04412	0.372647
0.38999996	4.00729	0.384803
0.40499996	4.05817	0.389437
0.41999996	3.59613	0.365511
0.43499996	3.24853	0.360696
0.44999996	3.32866	0.355290
0.46499996	3.03595	0.338547
0.47999996	3.35242	0.360613
0.49499996	3.16827	0.359058
0.50999996	2.70857	0.328182
0.52499995	2.64999	0.329986
0.53999995	2.11709	0.323212
0.55499995	2.20967	0.301590
0.56999995	2.26943	0.303467
0.58499995	2.43423	0.325575
0.59999995	1.96017	0.311294
0.61499995	2.19532	0.300799
0.62999995	2.16235	0.311614
0.64499995	2.01146	0.324453
0.65999995	1.68721	0.288948
0.67499995	2.07754	0.307205
0.68999995	1.54295	0.280312
0.70499995	1.71092	0.297683
0.71999995	1.63275	0.298339
0.73499995	2.27788	0.329309
0.74999995	1.83779	0.297458
0.76499995	1.42181	0.265226
0.77999995	1.43974	0.273711
0.79499995	1.71194	0.299829
0.80999995	1.39261	0.272071
0.82499995	1.31787	0.271232
0.83999995	1.36015	0.267135
0.85499995	2.16746	0.303926
0.86999995	1.58737	0.279503
0.88499995	1.28184	0.275515
0.89999995	1.84637	0.296198
0.91499995	1.52307	0.269227
0.92999995	1.04496	0.253219
0.94499995	1.26984	0.263561
0.95999995	1.69321	0.283223
0.97499994	1.34176	0.258217
0.98999994	1.04866	0.252603
1.0049999	1.47508	0.282585
1.0199999	1.01072	0.259113
1.0349999	1.17487	0.276049
1.0499999	1.19433	0.274800
1.0649999	1.19845	0.257506
1.0799999	1.01989	0.273893
1.0949999	1.07666	0.264366
1.1099999	1.16956	0.258724
1.1249999	0.957365	0.264950
1.1399999	1.08720	0.273449
1.1549999	1.06182	0.261063
1.1699999	1.37137	0.286209
1.1849999	1.10351	0.265434
1.1999999	1.35197	0.277954
1.2149999	1.18213	0.265456
1.2299999	0.666761	0.248510
1.2449999	0.865745	0.255536
1.2599999	0.836554	0.253657

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ASCII_format_for_importing_energy_data.txt
1.2749999 1.22096 0.281174
1.2899999 1.14437 0.286822
1.3049999 1.09577 0.261518
1.3199999 0.838062 0.243952
1.3349999 1.07428 0.268339
1.3499999 1.07080 0.265494
1.3649999 0.673153 0.255719
1.3799999 1.15758 0.268097
1.3949999 0.563634 0.235134
1.4099999 0.715596 0.265394
1.4249999 0.837096 0.247936
1.4399999 1.12247 0.268173
1.4549999 1.33587 0.291367
1.4699999 0.950401 0.274484
1.4849999 1.17432 0.264024
1.4999999 0.833228 0.258407
#end
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