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INTERIM REPORT

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PRELIMINARY DATA ANALYSIS REPORT

VOLUME III

(APPENDICES)

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AND O. C. JONES, JR.

REACTOR SAFETY EXPERIMENTAL MODELING GROUP

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NOTES TO THE APPENDICES

1. In Runs 1-36, run average values of the flow rate, the test section inlet temperatures and pressures, the condensing tank temperatures and pressures, as well as the turbine flow meter temperatures were hand inputted, and thus they do not show any variations during the experiment.
2. In Runs 20-43, run average values of the flow rate, the test section inlet temperatures and pressures, the condensing tank temperatures and pressures, as well as the turbine flow meter temperatures were hand inputted, and thus they do not show any variations during the experiment.
3. In Runs 44-69, run average values of the test section inlet and condensing tank pressure were hand inputted, and thus they do not show any variations during the experiment.
4. The Differential Pressure Measured in in (kPa) and can be expressed as:

   Differential Pressure Measured = DP(kPa)

   $DP(kPa) = p_{Nth\ Tap} + \rho g Z_{Nth\ Tap - Tap\ 1} - p_{Tap\ 1}$

   Thus to obtain the local static pressure at every tap, one has to subtract the gravitational head from the presented data. ρ is the average density in the manifold ($\sim$ Room Temperature).
5. The dimensionless pressure differential is defined as the differential pressure measured divided by the test section inlet dynamic pressure.

   $DP^* = DP/\frac{1}{2}\rho U_o^2$

   ρ is the density, and U_o is the velocity at the test section inlet.

LEGEND FOR DATA PRESENTED

BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 64

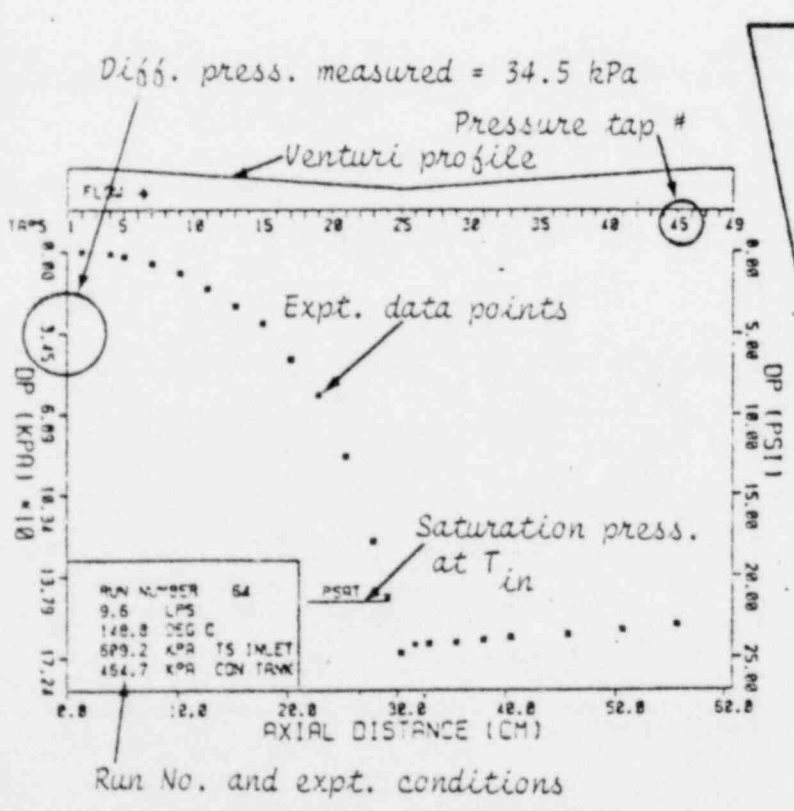
TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.63	138.8	148.8	148.8	609.2	464.7	474.0	.117E+07	.09	.01
1-4	9.62	138.8	148.7	148.7	609.2	464.7	473.8	.117E+07	.79	.08
1-5	9.61	138.8	148.7	148.7	609.2	464.7	473.5	.117E+07	2.10	.20
1-7	9.62	138.8	148.7	148.7	609.2	464.7	473.9	.117E+07	5.04	.49

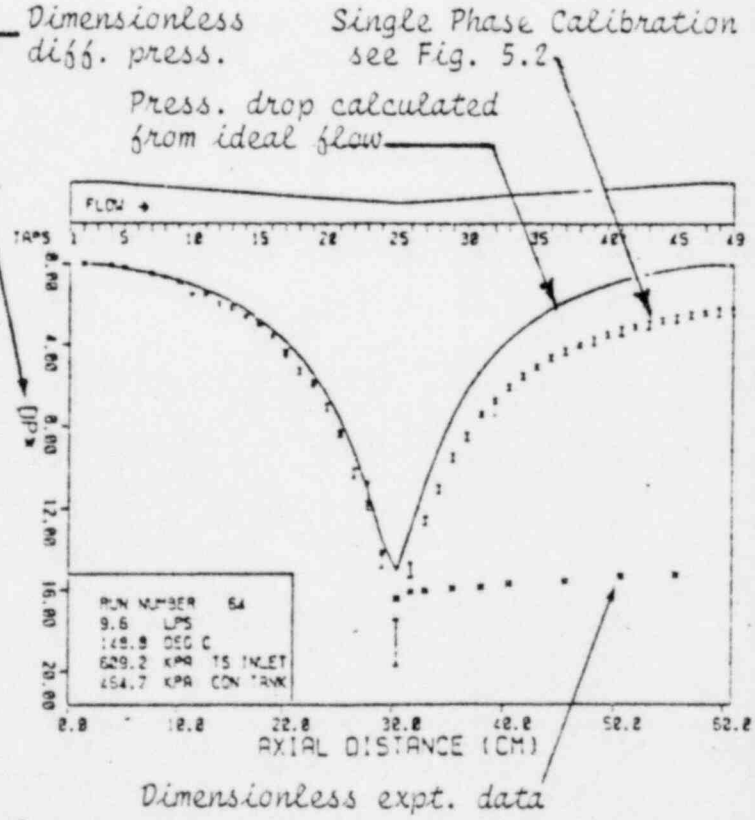
Low press. side
High press. side

Evaluated at Test Section Inlet

Diff. press. in kPa (including gravity head see p. 15)

Diff. press. nondimensionalized by inlet dynamic pressure.





APPENDIX A

SINGLE PHASE CALIBRATION DATA

SUMMARY OF EXPERIMENTAL CONDITIONS

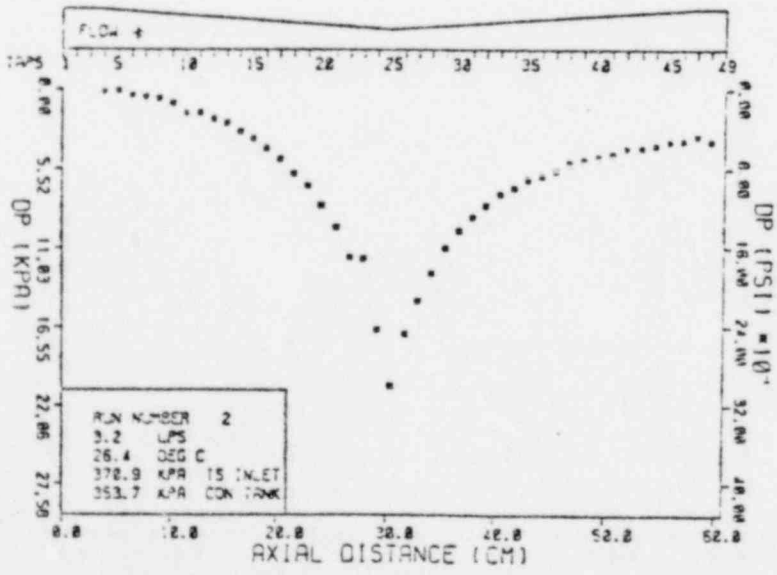
A. COLD & HOT CALIBRATION

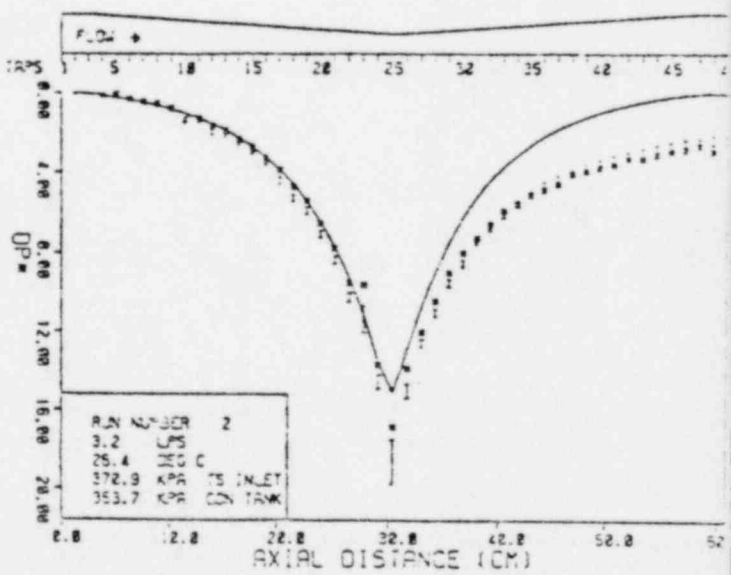
RUN	p_{in}(kPa)	T_{in}(^{o}C)	G(Mg/m^{2}s)	p_{ct}(kPa)	T_{ct}(^{o}C)
1	-----	-----	----	---	-----
2	371	26.4	1.56	354	26.3
3	368	26.8	3.13	345	26.2
4	361	27.2	4.71	331	26.6
5	351	27.6	6.28	311	27.4
6	682	27.7	7.01	647	27.2
7	691	27.3	6.30	657	27.3
8	695	26.9	4.71	652	26.8
9	709	27.1	3.13	674	26.6
10	711	27.0	1.56	683	27.0
11	688	27.7	6.26	632	27.6
12	1033	29.2	7.01	973	29.1
13	1031	29.4	7.88	961	29.3
14	337	23.0	6.25	316	22.9
15	348	22.9	4.74	339	22.9
16	365	66.3	3.08	309	66.1
17	367	64.1	1.56	322	63.9
18	-----	-----	----	---	-----
19	337	94.4	5.49	324	94.5
32	327	11.6	4.71	352	12.
33	315	11.9	6.29	326	11.9
34	336	12.3	3.15	369	12.3
36	293	69.1	3.08	308	68.9
62	692	148.4	2.33	646	148.4
70	213	54.0	3.35	201	48.6
71	211	54.4	3.34	203	48.8

BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.17	.13
1-5	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.10	.08
1-6	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.48	.32
1-7	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.52	.42
1-8	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.63	.52
1-9	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	.90	.76
1-10	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	1.59	1.29
1-11	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	1.57	1.29
1-12	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	2.00	1.65
1-13	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	2.31	1.89
1-14	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	2.90	2.36
1-15	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.35	2.72
1-16	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.02	3.27
1-17	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.76	3.87
1-18	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	5.82	4.73
1-19	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	6.64	5.40
1-20	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	8.03	6.52
1-21	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	9.56	7.77
1-22	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	11.68	9.49
1-23	3.19	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	11.81	9.60
1-24	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	16.80	13.65
1-25	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	20.69	16.81
1-26	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	17.05	13.87
1-27	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	14.78	12.01
1-28	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	12.86	10.45
1-29	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	11.06	8.99
1-30	3.19	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	9.82	7.99
1-31	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	8.90	7.23
1-32	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	8.07	6.56
1-33	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	7.25	5.90
1-34	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	6.84	5.56
1-35	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	6.28	5.10
1-36	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	5.28	4.86
1-37	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	5.61	4.56
1-38	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	5.03	4.09
1-39	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.78	3.88
1-40	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.61	3.74
1-41	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.41	3.59
1-42	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.04	3.29
1-43	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	4.03	3.27
1-44	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.93	3.11
1-45	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.59	2.91
1-46	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.53	2.87
1-47	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.25	2.64
1-48	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.57	2.90
1-49	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	3.23	2.63
50-1	3.18	26.4	26.4	26.3	370.9	353.7	156.6	.914E+05	1.38	1.12

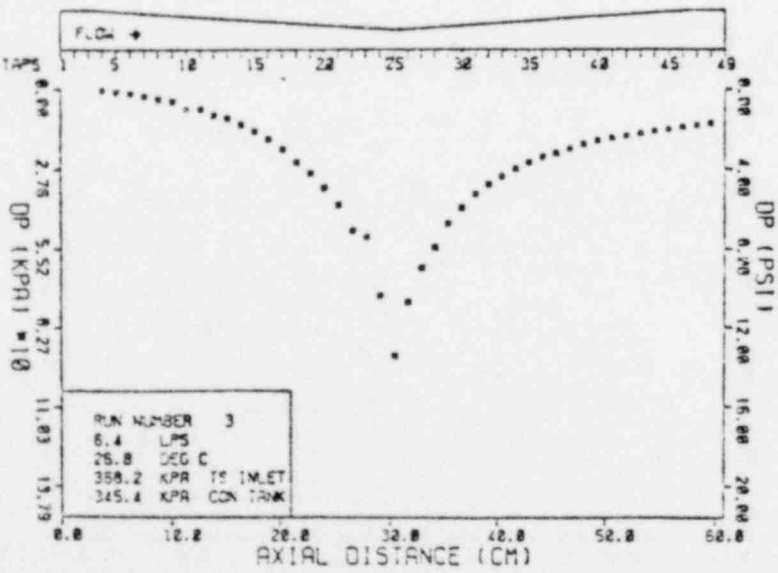


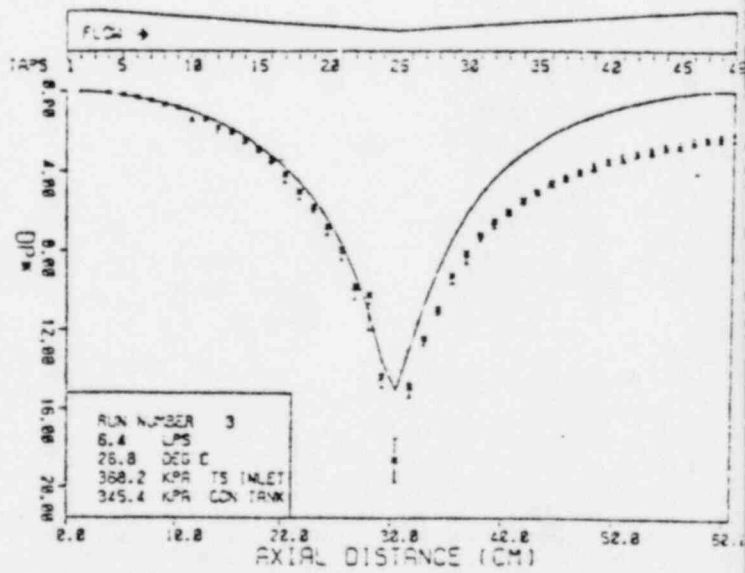


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 3

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	.50	.10
1-5	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	1.03	.21
1-6	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	1.66	.33
1-7	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	2.50	.50
1-8	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	3.44	.69
1-9	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	4.30	.87
1-10	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	6.89	1.39
1-11	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	6.94	1.40
1-12	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	9.08	1.83
1-13	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	10.03	2.02
1-14	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	12.32	2.48
1-15	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	14.53	2.92
1-16	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	17.03	3.43
1-17	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	20.68	4.16
1-18	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	25.04	5.04
1-19	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	28.77	5.79
1-20	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	33.82	6.81
1-21	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	39.66	7.98
1-22	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	48.74	9.81
1-23	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	54.81	10.23
1-24	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	71.49	14.39
1-25	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	92.39	18.60
1-26	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	73.80	14.86
1-27	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	61.77	12.44
1-28	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	54.56	10.98
1-29	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	45.21	9.10
1-30	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	40.62	8.18
1-31	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	36.09	7.27
1-32	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	32.61	6.57
1-33	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	29.95	6.03
1-34	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	27.25	5.49
1-35	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	25.15	5.06
1-36	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	23.10	4.65
1-37	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	21.72	4.37
1-38	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	20.20	4.07
1-39	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	18.89	3.80
1-40	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	17.66	3.56
1-41	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	16.71	3.36
1-42	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	15.90	3.21
1-43	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	15.15	3.05
1-44	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	14.33	2.89
1-45	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	13.78	2.77
1-46	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	13.02	2.62
1-47	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	12.42	2.50
1-48	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	11.88	2.39
1-49	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	11.98	2.41
50-1	6.39	26.8	26.8	26.2	368.2	345.4	314.6	.185E+06	6.21	1.25

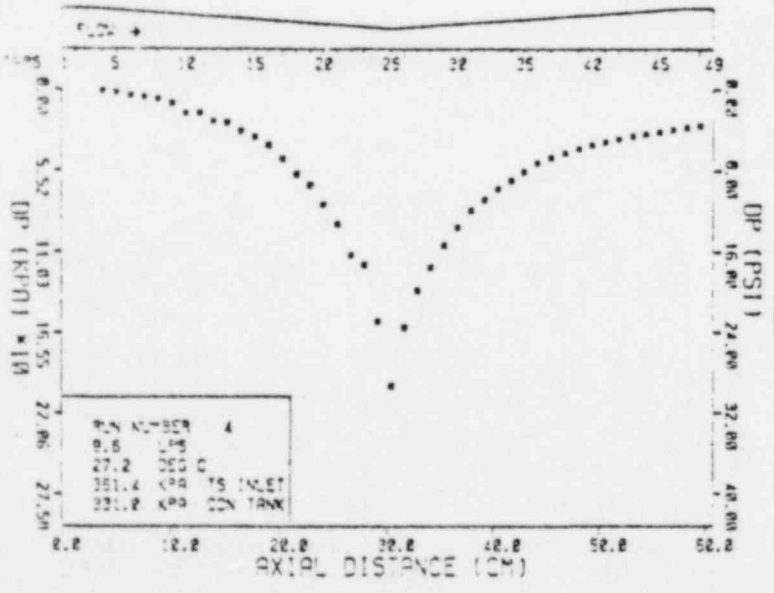


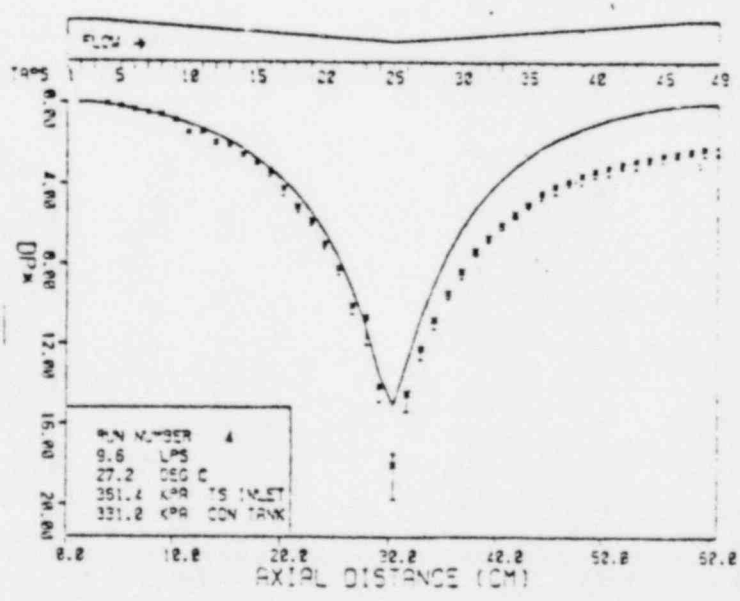


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 4

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	.99	.09
1-5	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	2.34	.21
1-6	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	4.01	.36
1-7	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	5.53	.49
1-8	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	6.72	.60
1-9	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	9.74	.87
1-10	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	16.20	1.45
1-11	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	16.01	1.43
1-12	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	21.81	1.95
1-13	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	22.81	2.05
1-14	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	28.48	2.54
1-15	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	32.48	2.89
1-16	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	37.56	3.35
1-17	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	47.24	4.22
1-18	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	57.56	5.14
1-19	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	65.15	5.81
1-20	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	77.92	6.95
1-21	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	91.09	8.16
1-22	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	112.26	10.02
1-23	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	119.26	10.64
1-24	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	157.73	14.08
1-25	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	202.09	18.03
1-26	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	162.14	14.47
1-27	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	136.93	12.21
1-28	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	120.78	10.78
1-29	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	105.72	9.43
1-30	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	93.51	8.35
1-31	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	82.03	7.32
1-32	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	74.71	6.67
1-33	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	67.38	6.01
1-34	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	61.50	5.49
1-35	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	55.79	4.98
1-36	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	49.49	4.42
1-37	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	45.89	4.09
1-38	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	42.73	3.81
1-39	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	39.61	3.53
1-40	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	37.09	3.31
1-41	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	35.23	3.14
1-42	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	33.23	2.97
1-43	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	31.45	2.81
1-44	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	29.92	2.67
1-45	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	28.54	2.55
1-46	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	27.38	2.44
1-47	9.60	27.4	27.2	26.5	361.4	331.0	472.5	.28E+06	25.79	2.30
1-48	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	24.82	2.22
1-49	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	24.89	2.22
50-1	9.60	27.4	27.2	26.6	361.4	331.0	472.5	.28E+06	14.34	1.28

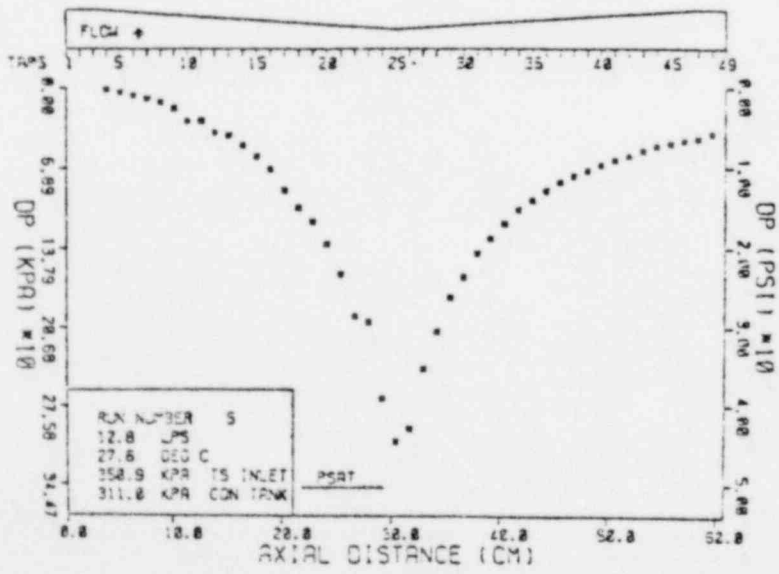


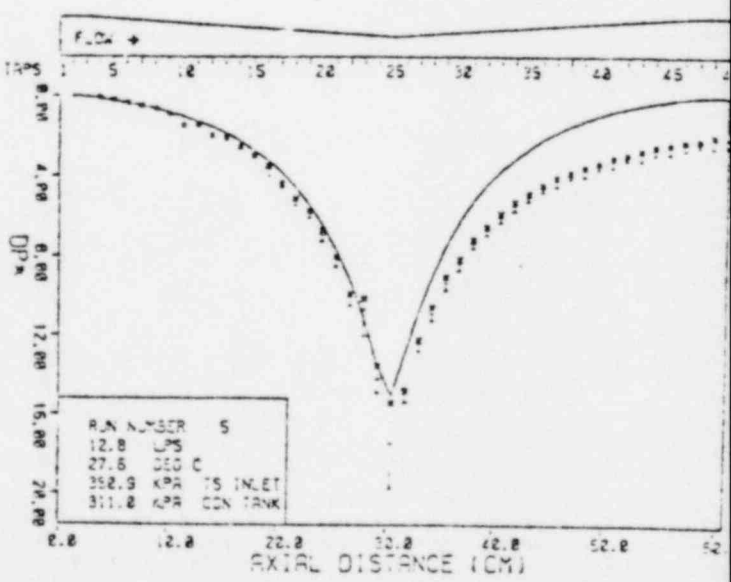


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 5

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	1.78	.09
1-5	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	4.11	.21
1-6	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	6.94	.35
1-7	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	9.72	.49
1-8	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	12.79	.64
1-9	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	17.51	.88
1-10	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	29.89	1.45
1-11	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	28.34	1.42
1-12	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	29.93	1.95
1-13	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	41.25	2.07
1-14	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	49.67	2.49
1-15	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	59.31	2.97
1-16	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	69.54	3.49
1-17	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	87.54	4.39
1-18	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	102.35	5.13
1-19	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	114.43	5.73
1-20	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	133.81	6.70
1-21	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	168.10	8.42
1-22	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	197.04	9.87
1-23	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	201.92	10.12
1-24	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	269.74	13.51
1-25	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	307.20	15.39
1-26	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	295.98	14.83
1-27	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	243.79	12.21
1-28	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	210.74	10.56
1-29	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	180.18	9.03
1-30	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	162.26	8.13
1-31	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	142.13	7.12
1-32	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	129.33	6.48
1-33	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	116.59	5.84
1-34	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	104.87	5.25
1-35	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	96.47	4.83
1-36	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	88.31	4.42
1-37	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	80.77	4.05
1-38	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	75.66	3.79
1-39	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	70.86	3.55
1-40	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	66.16	3.31
1-41	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	61.88	3.10
1-42	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	58.55	2.93
1-43	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	54.46	2.73
1-44	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	50.22	2.52
1-45	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	48.33	2.42
1-46	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	45.97	2.30
1-47	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	44.21	2.22
1-48	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	40.33	2.02
1-49	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	42.11	2.11
50-1	12.81	27.8	27.6	27.4	350.9	311.0	630.7	.378E+06	25.51	1.28

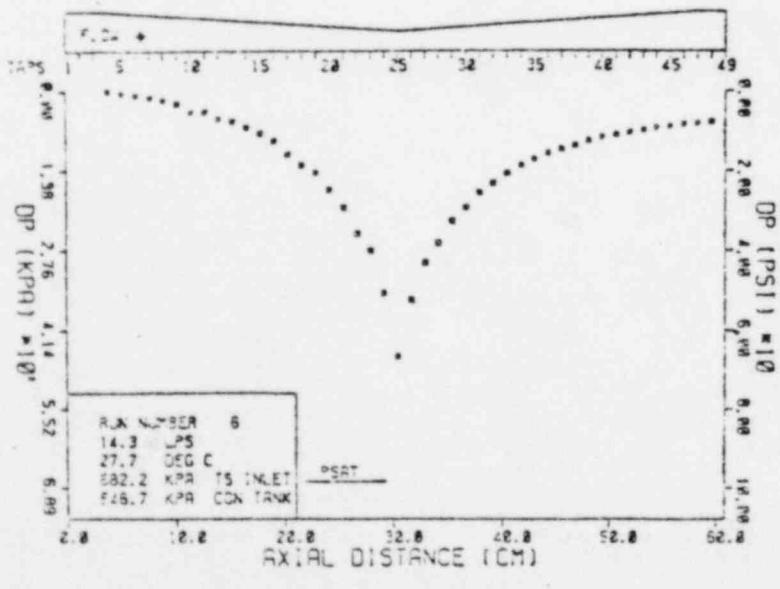


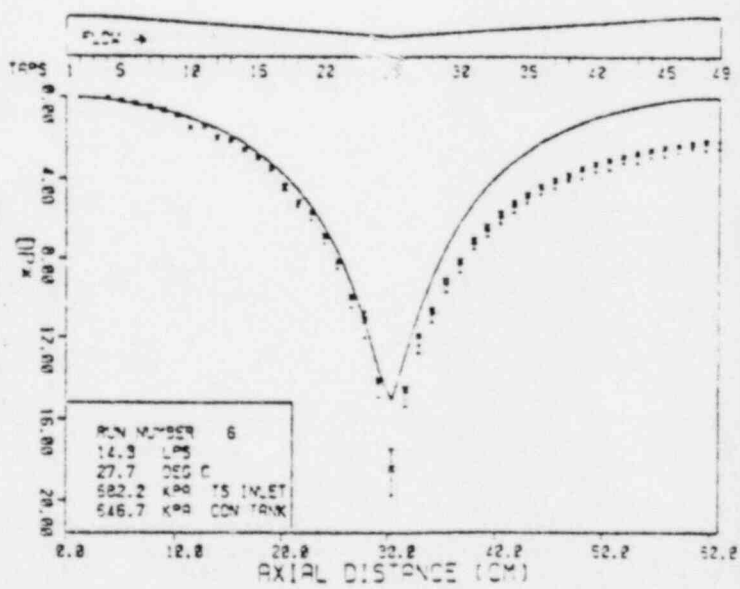


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 6

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	1.64	.07
1-5	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	4.95	.20
1-6	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	8.58	.35
1-7	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	12.02	.48
1-8	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	15.90	.64
1-9	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	21.70	.87
1-10	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	36.82	1.48
1-11	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	35.92	1.44
1-12	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	48.82	1.96
1-13	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	53.24	2.14
1-14	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	63.69	2.56
1-15	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	73.84	2.97
1-16	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	86.52	3.48
1-17	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	109.95	4.42
1-18	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	128.10	5.15
1-19	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	141.35	5.68
1-20	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	170.50	6.86
1-21	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	201.80	8.11
1-22	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	246.91	9.93
1-23	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	275.47	11.08
1-24	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	349.59	14.06
1-25	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	458.18	18.42
1-26	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	361.36	14.53
1-27	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	296.46	11.92
1-28	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	263.51	10.59
1-29	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	226.38	9.10
1-30	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	202.29	8.13
1-31	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	175.91	7.07
1-32	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	159.84	6.43
1-33	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	142.54	5.73
1-34	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	129.14	5.19
1-35	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	118.76	4.77
1-36	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	108.31	4.35
1-37	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	100.40	4.03
1-38	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	94.65	3.81
1-39	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	85.96	3.46
1-40	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	80.65	3.24
1-41	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	76.02	3.06
1-42	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	71.81	2.89
1-43	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	67.84	2.73
1-44	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	64.37	2.59
1-45	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	60.80	2.44
1-46	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	58.21	2.34
1-47	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	55.64	2.24
1-48	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	53.70	2.16
1-49	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	51.75	2.08
50-1	14.30	27.2	27.7	27.2	682.2	646.7	704.0	.422E+06	32.82	1.32

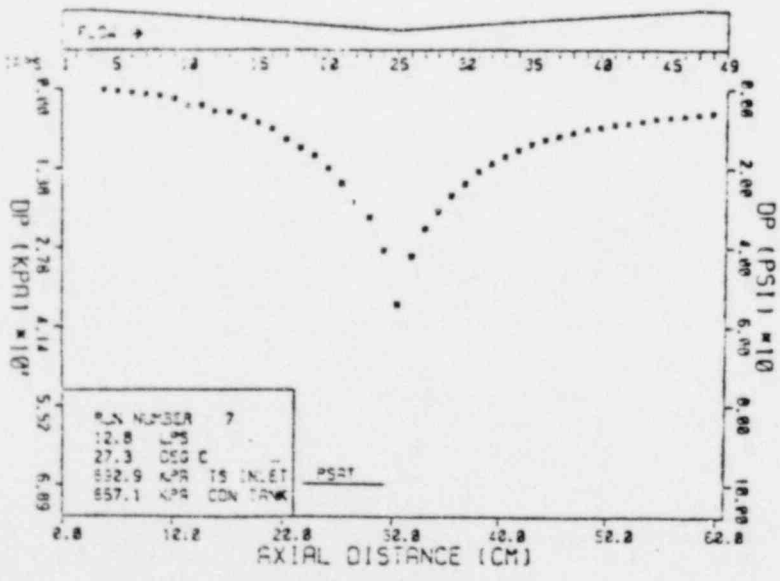


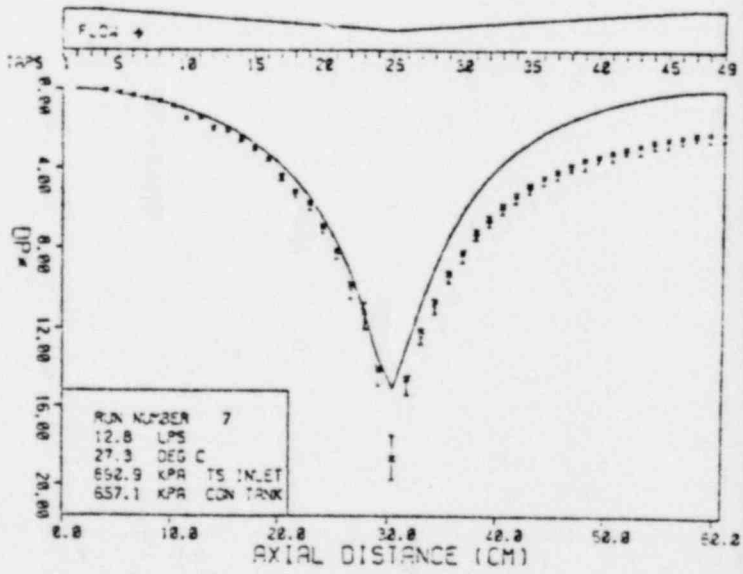


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 7

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	1.64	.08
1-5	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	4.03	.20
1-6	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	6.73	.34
1-7	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	9.51	.47
1-8	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	12.65	.63
1-9	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	17.24	.86
1-10	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	29.15	1.45
1-11	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	28.38	1.41
1-12	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	39.03	1.94
1-13	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	41.54	2.07
1-14	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	49.55	2.47
1-15	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	59.34	2.95
1-16	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	69.79	3.48
1-17	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	88.19	4.39
1-18	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	103.42	5.15
1-19	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	114.81	5.72
1-20	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	137.99	6.87
1-21	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	163.14	8.12
1-22	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	196.00	9.76
1-23	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	222.74	11.09
1-24	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	281.12	14.00
1-25	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	374.48	18.65
1-26	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	291.14	14.50
1-27	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	242.41	12.07
1-28	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	212.66	10.60
1-29	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	185.31	9.23
1-30	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	164.65	8.20
1-31	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	143.18	7.13
1-32	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	129.68	6.46
1-33	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	117.20	5.84
1-34	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	106.20	5.29
1-35	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	96.36	4.80
1-36	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	88.47	4.41
1-37	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	82.00	4.09
1-38	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	76.10	3.79
1-39	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	69.90	3.48
1-40	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	66.56	3.32
1-41	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	62.10	3.09
1-42	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	58.96	2.94
1-43	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	55.69	2.77
1-44	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	51.38	2.55
1-45	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	49.15	2.44
1-46	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	46.80	2.33
1-47	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	44.55	2.22
1-48	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	43.02	2.14
1-49	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	42.61	2.12
50-1	12.85	27.3	27.3	27.3	690.9	657.1	632.5	.377E+06	25.51	1.27

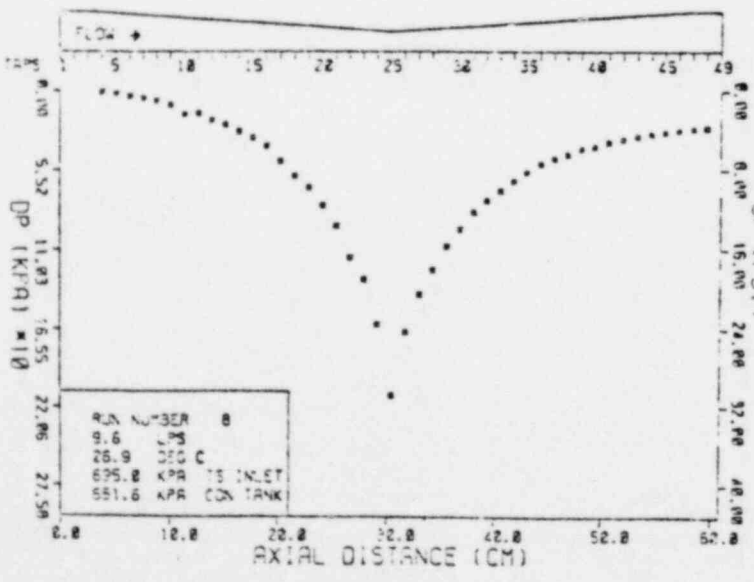


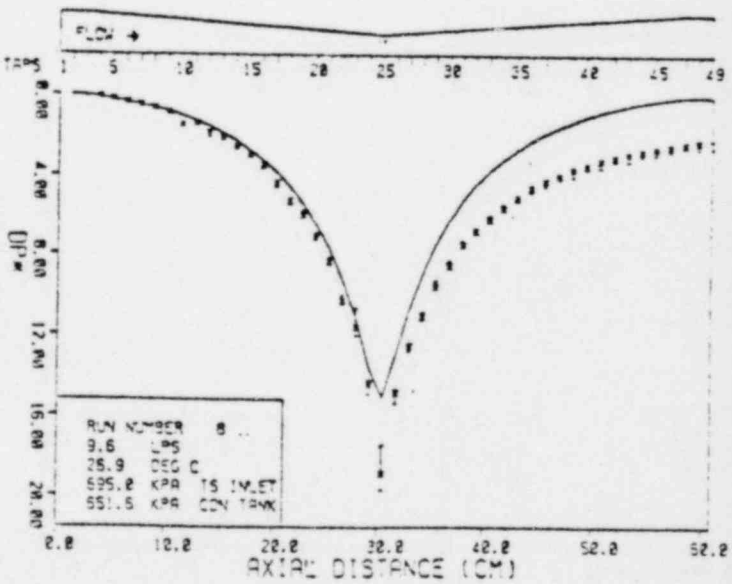


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 8

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	.95	.09
1-5	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	2.20	.20
1-6	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	3.91	.35
1-7	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	5.50	.49
1-8	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	7.15	.64
1-9	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	9.72	.87
1-10	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	16.34	1.45
1-11	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	15.80	1.41
1-12	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	20.71	1.84
1-13	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	23.51	2.09
1-14	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	28.38	2.53
1-15	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	32.90	2.93
1-16	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	38.71	3.44
1-17	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	48.88	4.35
1-18	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	59.14	5.26
1-19	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	67.02	5.99
1-20	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	79.79	7.10
1-21	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	90.80	8.05
1-22	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	115.49	10.29
1-23	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	130.31	11.60
1-24	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	161.75	14.39
1-25	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	212.18	18.88
1-26	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	167.09	14.87
1-27	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	140.81	12.53
1-28	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	124.00	11.03
1-29	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	109.12	9.62
1-30	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	96.27	8.57
1-31	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	84.48	7.52
1-32	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	76.44	6.80
1-33	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	69.41	6.18
1-34	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	63.00	5.61
1-35	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	57.34	5.07
1-36	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	50.76	4.52
1-37	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	47.12	4.19
1-38	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	44.18	3.93
1-39	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	40.57	3.61
1-40	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	38.87	3.46
1-41	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	35.82	3.19
1-42	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	33.76	3.00
1-43	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	31.83	2.83
1-44	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	30.09	2.68
1-45	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	28.81	2.56
1-46	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	27.42	2.44
1-47	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	26.11	2.32
1-48	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	25.71	2.29
1-49	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	24.99	2.22
50-1	9.61	26.9	26.9	26.8	695.0	651.6	473.1	.279E+06	14.48	1.29

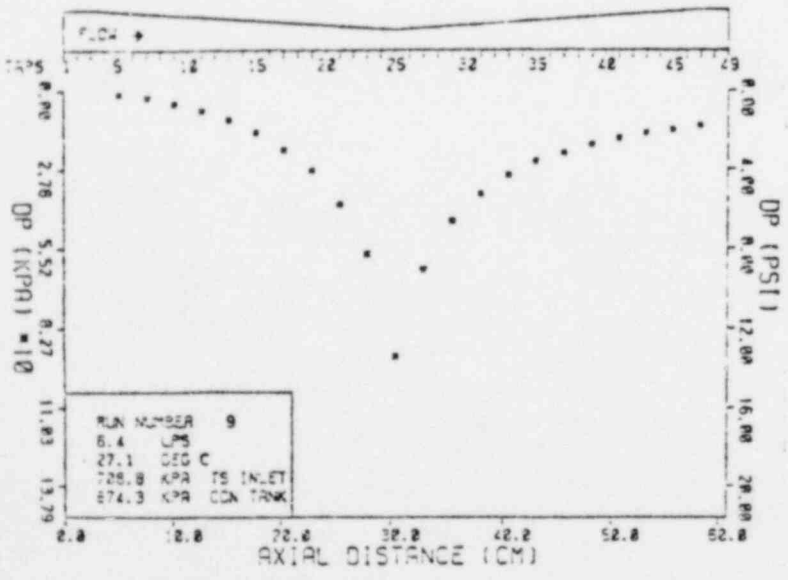


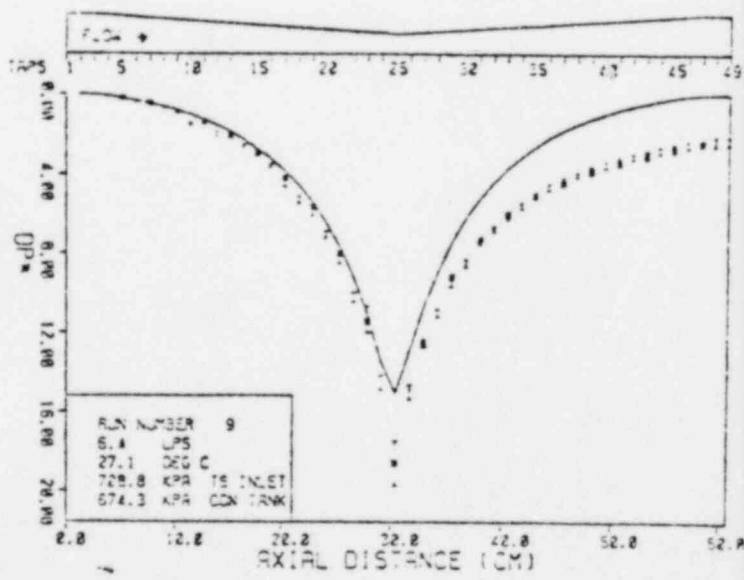


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 9

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	1.86	.21
1-7	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	2.28	.46
1-9	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	4.37	.88
1-11	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	6.87	1.38
1-13	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	10.09	2.03
1-15	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	14.47	2.91
1-17	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	20.69	4.16
1-19	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	27.91	5.61
1-21	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	39.77	8.00
1-23	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	57.05	11.49
1-25	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	92.40	18.59
1-27	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	62.66	12.60
1-29	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	45.77	9.21
1-31	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	36.29	7.28
1-33	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	29.71	5.99
1-35	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	24.88	5.00
1-37	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	21.93	4.41
1-39	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	18.84	3.79
1-41	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	16.76	3.37
1-43	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	14.91	3.00
1-45	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	13.67	2.75
1-47	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	12.29	2.47
1-49	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	12.10	2.43
50-1	6.39	27.4	27.1	26.6	708.8	674.3	314.7	.187E+06	6.21	1.25

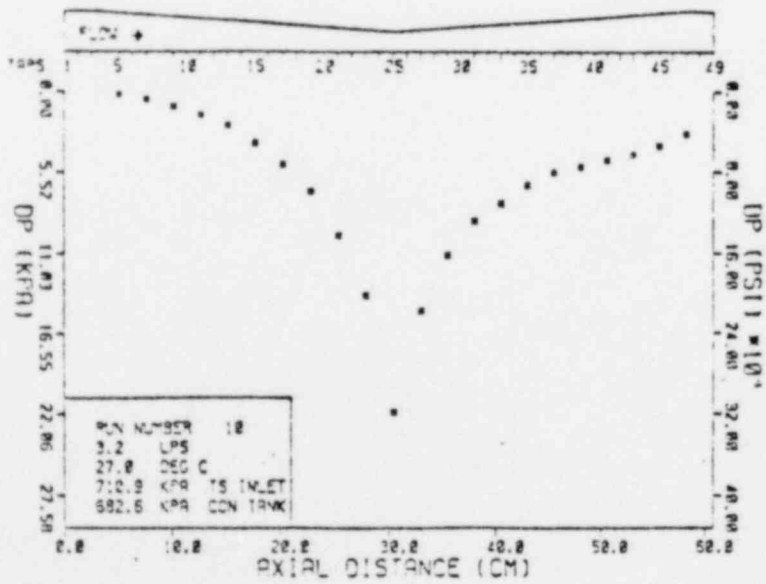


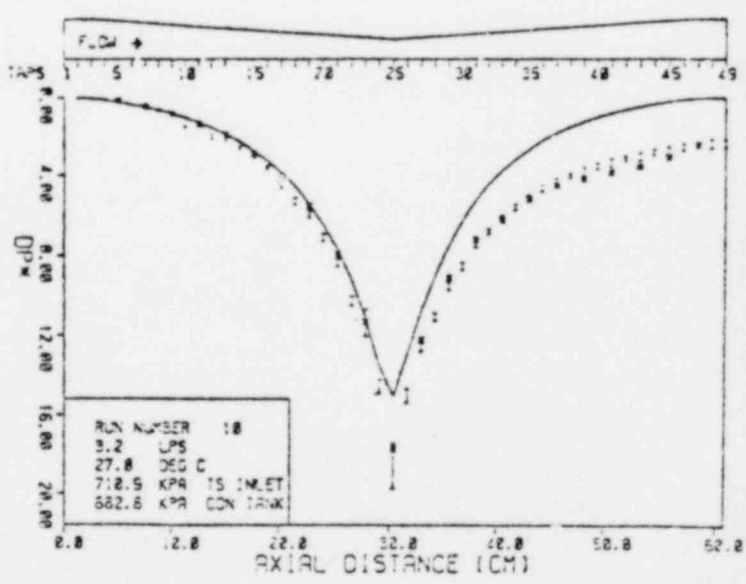


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 10

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	.18	.15
1-7	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	.52	.42
1-9	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	1.01	.82
1-11	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	1.60	1.29
1-13	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	2.32	1.88
1-15	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	3.54	2.87
1-17	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	5.00	4.05
1-19	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	6.80	5.50
1-21	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	9.78	7.92
1-23	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	13.92	11.27
1-25	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	21.91	17.73
1-27	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	15.04	12.17
1-29	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	11.20	9.06
1-31	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	8.84	7.15
1-33	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	7.65	6.19
1-35	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	6.39	5.17
1-37	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	5.52	4.47
1-39	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	5.15	4.17
1-41	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	4.71	3.81
1-43	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	4.33	3.50
1-45	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	3.76	3.05
1-47	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	2.95	2.39
1-49	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	3.17	2.57
50-1	3.19	27.3	27.0	27.0	710.9	682.6	156.9	.929E+05	1.38	1.12

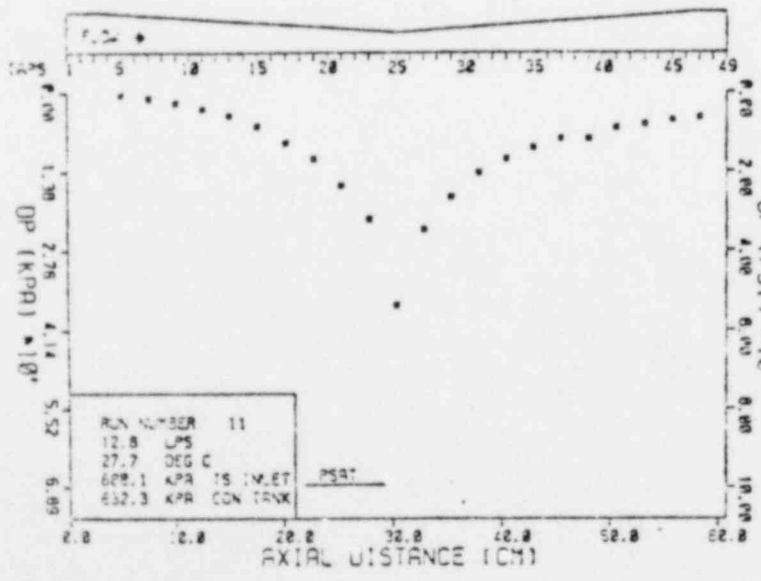


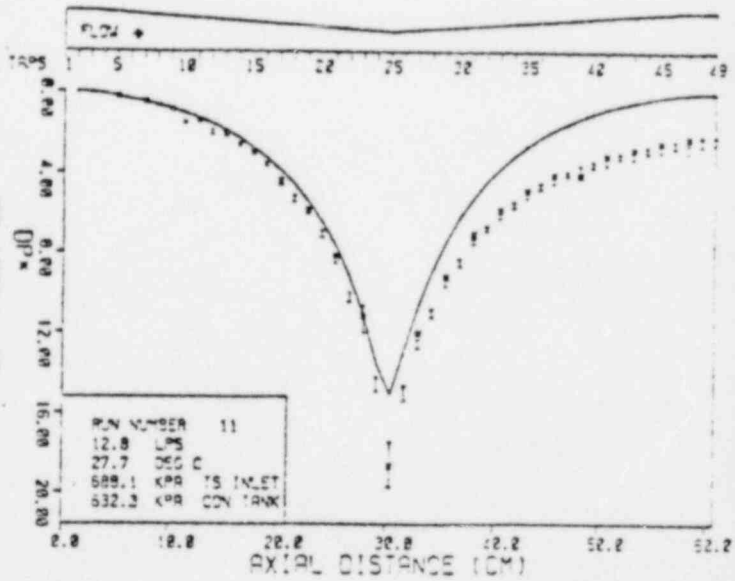


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 11

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	4.02	.22
1-7	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	9.67	.49
1-9	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	17.02	.86
1-11	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	27.73	1.40
1-13	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	40.31	2.03
1-15	12.77	27.6	27.7	27.8	688.1	632.3	628.8	.37NE+06	58.68	2.96
1-17	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	87.67	4.42
1-19	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	115.71	5.83
1-21	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	161.76	8.15
1-23	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	221.48	11.16
1-25	12.77	27.6	27.7	27.8	688.1	632.3	628.8	.37NE+06	370.54	18.67
1-27	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	239.39	12.06
1-29	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	182.85	9.21
1-31	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	140.25	7.07
1-33	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	116.01	5.85
1-35	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	96.33	4.85
1-37	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	80.62	4.06
1-39	12.77	27.6	27.7	27.8	688.1	632.3	628.8	.37NE+06	80.89	4.08
1-41	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	61.36	3.09
1-43	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	55.17	2.78
1-45	12.77	27.5	27.7	27.6	688.1	632.3	628.8	.37NE+06	48.37	2.44
1-47	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	43.69	2.20
1-49	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	41.40	2.09
50-1	12.77	27.6	27.7	27.6	688.1	632.3	628.8	.37NE+06	25.51	1.29

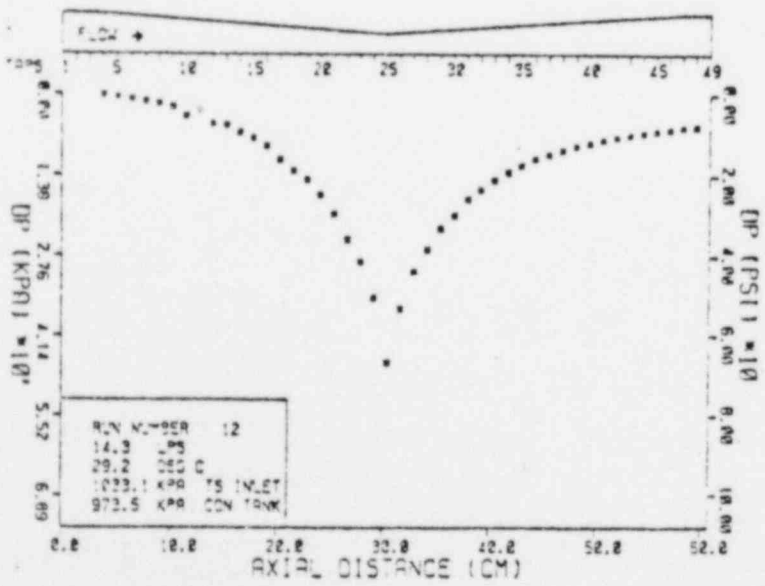


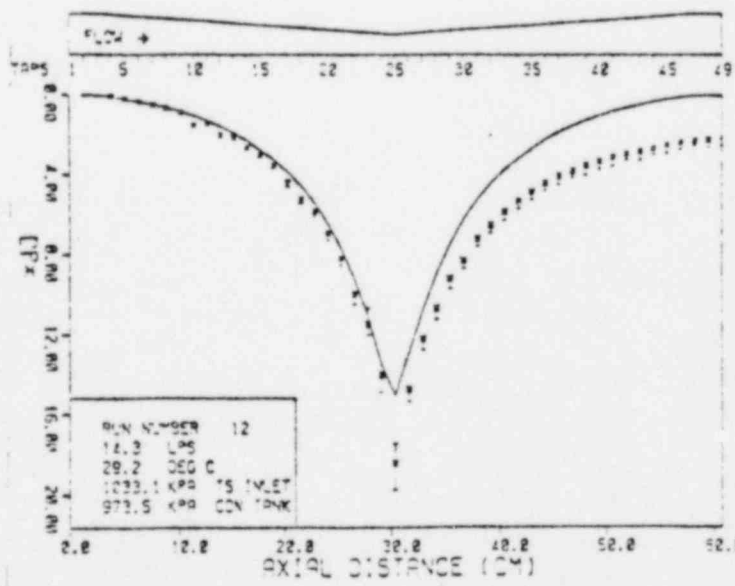


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 12

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	2.15	.09
1-5	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	5.07	.20
1-6	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	8.71	.35
1-7	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	12.29	.49
1-8	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	16.14	.65
1-9	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	21.68	.87
1-10	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	37.23	1.50
1-12	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	49.70	2.00
1-13	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	51.87	2.08
1-14	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	64.55	2.59
1-15	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	74.60	2.97
1-16	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	87.40	3.51
1-17	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	110.61	4.44
1-18	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	129.71	5.21
1-19	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	144.55	5.81
1-20	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	171.09	6.87
1-21	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	203.29	8.17
1-22	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	247.77	9.96
1-23	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	285.73	11.48
1-24	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	348.52	14.00
1-25	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	459.15	18.45
1-26	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	367.44	14.76
1-27	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	303.72	12.20
1-28	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	265.44	10.66
1-29	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	229.94	9.24
1-30	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	206.72	8.31
1-31	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	178.83	7.19
1-32	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	161.89	6.50
1-33	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	144.63	5.81
1-34	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	122.01	5.30
1-35	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	120.14	4.83
1-36	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	108.87	4.37
1-37	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	100.33	4.03
1-38	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	94.22	3.79
1-39	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	86.64	3.48
1-40	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	81.44	3.27
1-41	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	75.37	3.07
1-42	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	72.22	2.90
1-43	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	68.48	2.75
1-44	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	65.27	2.62
1-45	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	61.45	2.47
1-46	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	58.44	2.35
1-47	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	56.12	2.25
1-48	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	54.52	2.19
1-49	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	51.45	2.07
50-1	14.30	29.1	29.2	29.1	1033.1	973.5	704.3	.43BE+06	32.82	1.32

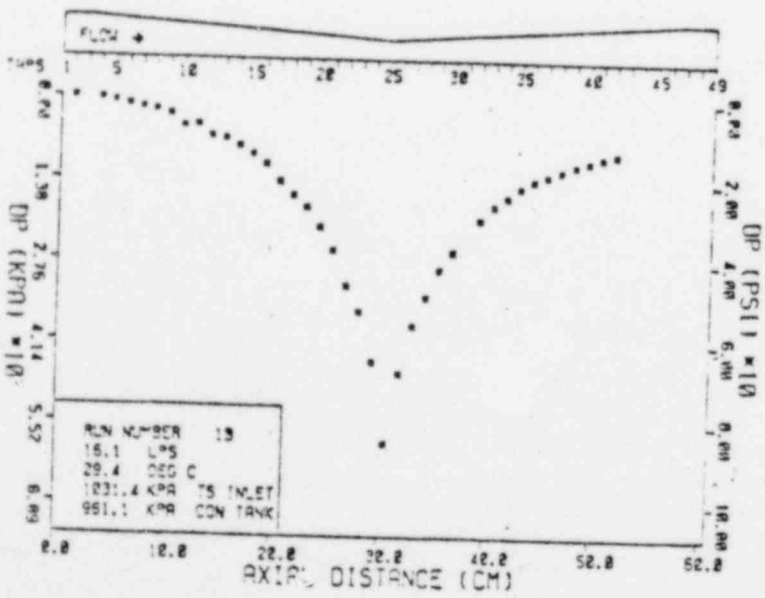


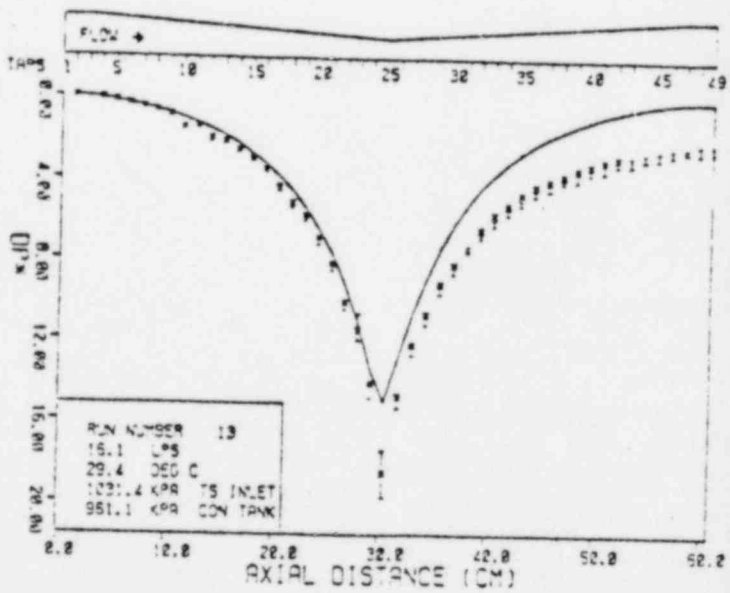


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 13

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	.12	.00
1-4	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	2.54	.08
1-5	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	6.15	.20
1-6	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	11.28	.36
1-7	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	15.57	.49
1-8	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	20.01	.65
1-9	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	27.23	.87
1-10	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	46.72	1.48
1-11	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	44.83	1.42
1-12	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	64.76	2.06
1-13	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	68.09	2.16
1-14	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	80.79	2.57
1-15	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	92.92	2.95
1-16	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	109.84	3.49
1-17	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	138.90	4.41
1-18	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	162.10	5.15
1-19	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	181.75	5.78
1-20	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	216.28	6.87
1-21	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	256.76	8.16
1-22	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	317.31	10.09
1-23	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	361.10	11.48
1-24	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	445.16	14.15
1-25	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	584.49	18.58
1-26	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	465.61	14.80
1-27	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	384.72	12.23
1-28	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	336.64	10.70
1-29	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	288.57	9.17
1-30	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	259.87	8.23
1-32	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	202.77	6.44
1-33	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	179.60	5.71
1-34	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	160.38	5.19
1-35	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	147.19	4.68
1-36	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	133.45	4.24
1-37	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	125.50	3.99
1-38	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	116.20	3.69
1-39	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	107.23	3.41
1-40	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	100.84	3.20
1-41	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	93.86	2.98
1-42	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	89.05	2.83
1-46	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	71.84	2.28
50-1	16.08	29.3	29.4	29.3	1031.4	961.1	791.9	.495E+06	41.44	1.32

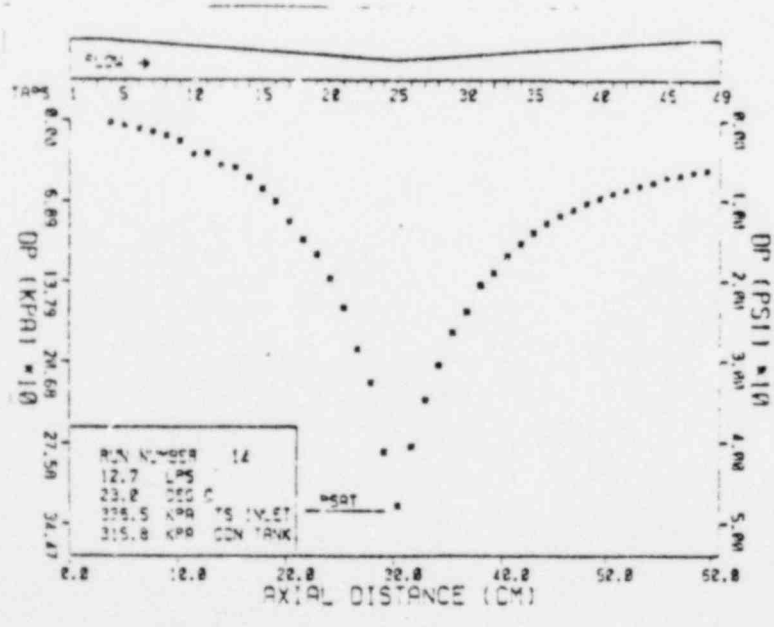


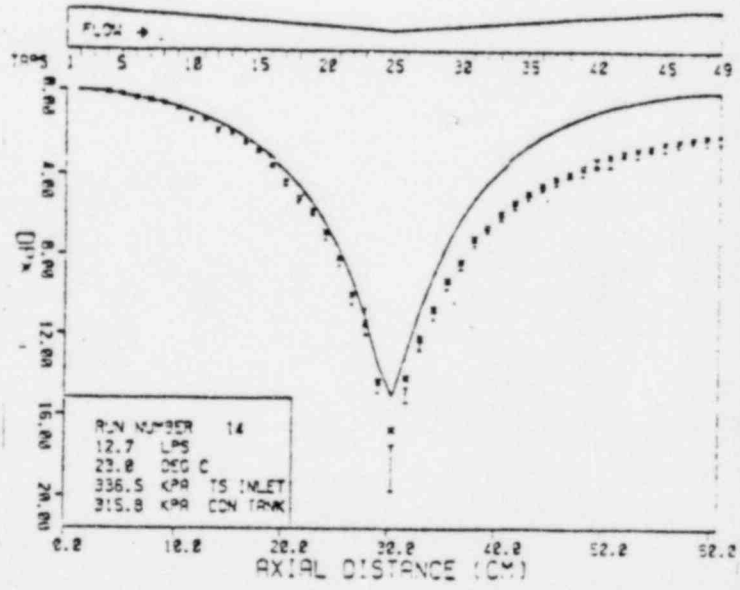


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 14

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	2.16	.11
1-5	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	4.38	.22
1-6	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	7.34	.37
1-7	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	9.88	.50
1-8	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	12.78	.65
1-9	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	17.20	.88
1-10	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	28.50	1.45
1-11	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	27.79	1.41
1-12	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	38.27	1.94
1-13	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	40.32	2.05
1-14	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	48.77	2.47
1-15	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	58.46	2.97
1-16	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	69.00	3.50
1-17	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	86.40	4.38
1-18	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	101.99	5.18
1-19	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	114.74	5.82
1-20	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	135.35	6.87
1-21	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	160.14	8.13
1-22	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	196.12	9.95
1-23	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	224.92	11.41
1-24	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	283.22	14.37
1-25	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	329.15	16.70
1-26	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	279.01	14.16
1-27	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	239.41	12.15
1-28	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	210.31	10.67
1-29	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	182.30	9.25
1-30	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	164.11	8.33
1-31	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	141.31	7.17
1-32	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	130.50	6.62
1-33	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	116.53	5.91
1-34	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	105.77	5.37
1-35	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	96.37	4.89
1-36	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	88.43	4.49
1-37	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	81.63	4.14
1-38	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	76.53	3.88
1-39	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	71.09	3.61
1-40	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	66.62	3.38
1-41	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	62.52	3.17
1-42	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	59.01	2.99
1-43	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	55.82	2.83
1-44	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	53.10	2.69
1-45	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	48.75	2.47
1-46	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	46.93	2.38
1-47	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	44.51	2.26
1-48	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	42.87	2.18
1-49	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	42.49	2.16
50-1	12.72	23.4	23.0	22.9	336.5	315.8	626.3	.338E+06	25.51	1.29

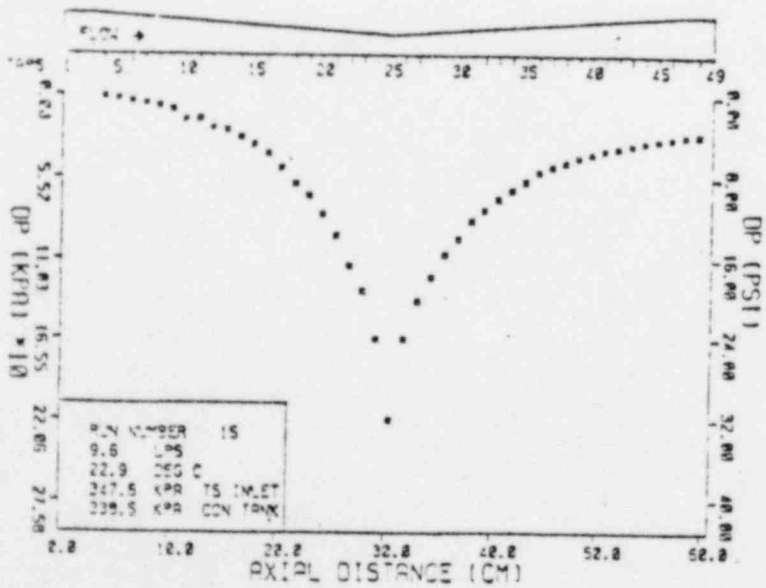


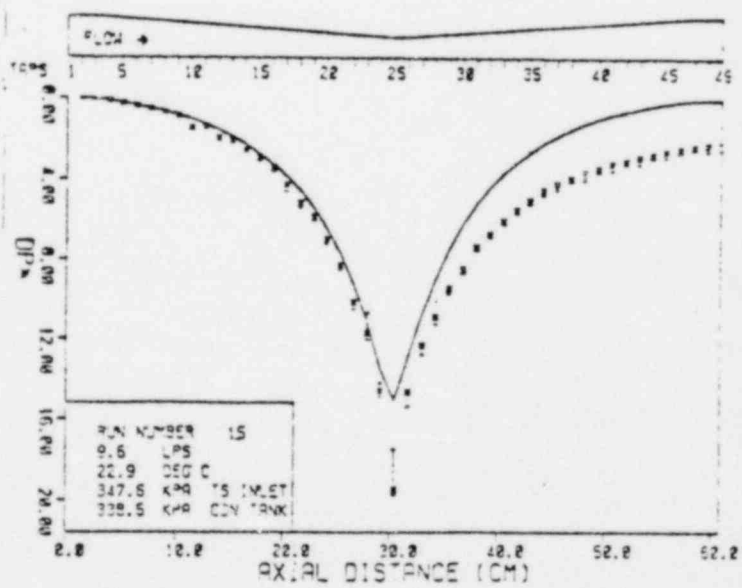


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 15

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	1.25	.11
1-5	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	2.86	.25
1-6	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	4.29	.39
1-7	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	5.92	.52
1-8	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	7.37	.65
1-9	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	9.69	.86
1-10	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	16.31	1.44
1-11	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	18.03	1.41
1-12	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	21.94	1.94
1-13	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	23.41	2.07
1-14	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	28.26	2.49
1-15	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	32.69	2.88
1-16	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	38.69	3.41
1-17	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	48.17	4.25
1-18	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	58.62	5.17
1-19	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	66.67	5.88
1-20	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	78.98	6.97
1-21	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	93.63	8.26
1-22	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	114.79	10.12
1-23	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	132.50	11.69
1-24	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	165.54	14.60
1-25	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	220.71	19.47
1-26	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	165.74	14.62
1-27	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	139.48	12.31
1-28	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	123.11	10.86
1-29	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	106.85	9.42
1-30	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	96.08	8.48
1-31	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	83.48	7.37
1-32	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	76.40	6.74
1-33	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	68.87	6.08
1-34	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	62.90	5.55
1-35	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	57.09	5.04
1-36	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	50.78	4.48
1-37	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	47.24	4.17
1-38	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	44.29	3.91
1-39	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	41.00	3.62
1-40	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	38.71	3.41
1-41	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	36.14	3.19
1-42	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	34.45	3.04
1-43	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	32.7	2.86
1-44	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	30.74	2.71
1-45	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	29.17	2.57
1-46	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	29.19	2.49
1-47	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	26.35	2.32
1-48	9.65	22.9	22.9	22.8	347.6	338.5	475.0	.256E+06	25.92	2.29
1-49	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	25.75	2.27
5-1	9.65	22.9	22.9	22.9	347.6	338.5	475.0	.256E+06	14.34	1.27

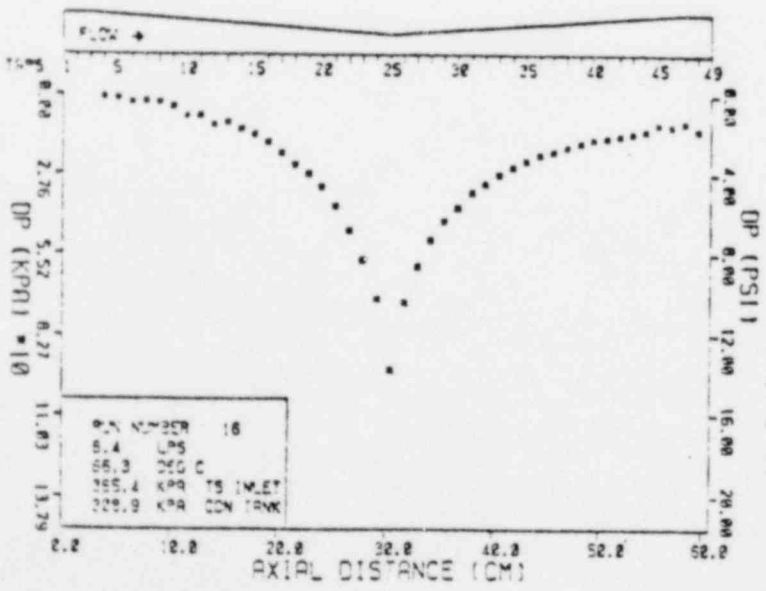


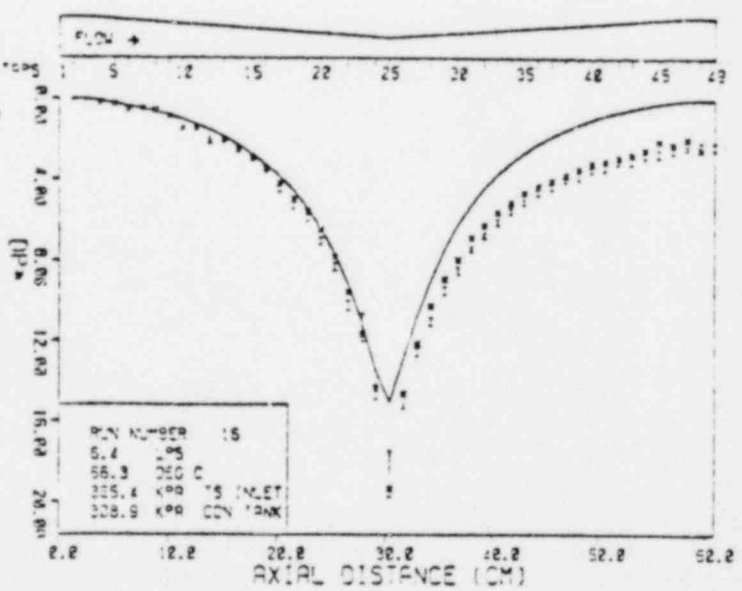


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 16

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	1.01	.21
1-5	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	1.29	.29
1-6	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	2.61	.53
1-7	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	2.36	.48
1-8	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	2.80	.57
1-9	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	4.18	.85
1-10	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	7.24	1.48
1-11	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	7.22	1.48
1-12	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	10.51	2.15
1-13	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	9.70	1.98
1-14	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	12.13	2.48
1-15	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	13.93	2.85
1-16	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	16.60	3.39
1-17	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	20.47	4.18
1-18	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	24.30	4.97
1-19	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	27.25	5.57
1-20	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	31.76	6.49
1-21	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	35.37	7.24
1-22	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	46.89	9.58
1-23	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	57.12	11.67
1-24	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	70.46	14.40
1-25	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	94.64	19.34
1-26	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	71.67	14.65
1-27	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	59.45	12.15
1-28	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	50.27	10.28
1-29	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	43.72	8.94
1-30	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	39.02	7.98
1-31	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	33.74	6.90
1-32	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	30.71	6.28
1-33	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	27.52	5.63
1-34	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	25.15	5.14
1-35	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	22.82	4.66
1-36	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	21.02	4.30
1-37	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	19.70	4.03
1-38	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	18.20	3.72
1-39	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	16.72	3.42
1-40	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	15.54	3.17
1-41	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	14.93	3.05
1-42	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	14.13	2.89
1-43	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	13.35	2.73
1-44	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	12.20	2.49
1-45	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	10.30	2.11
1-46	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	10.90	2.23
1-47	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	9.69	1.98
1-48	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	12.19	2.49
1-49	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	9.00	1.84
50-1	6.39	63.1	66.3	66.1	365.4	308.9	314.7	.365E+06	1.38	.28

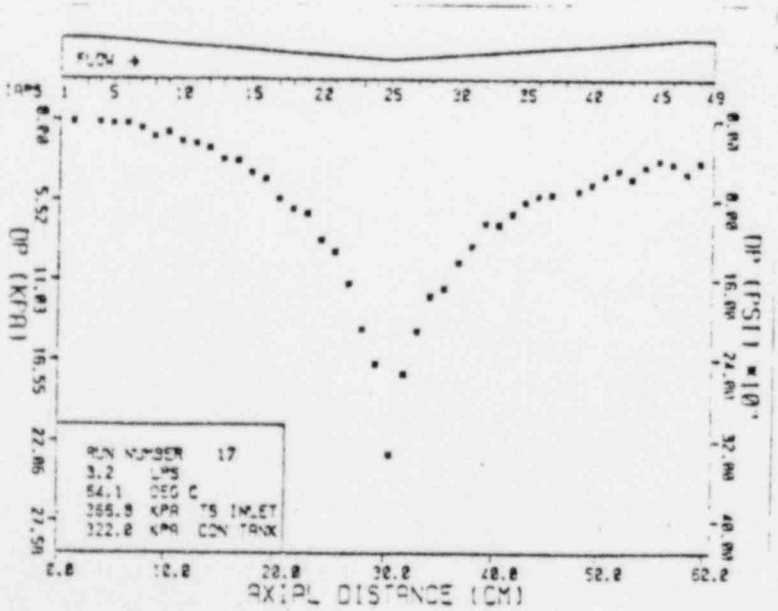


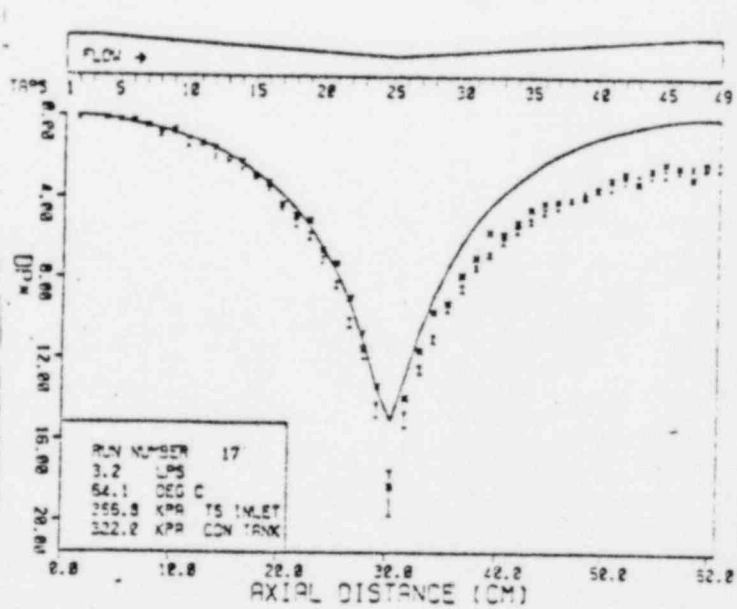


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 17

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	3.23	60.5	64.1	63.9	366.8	322.8	159.2	.179E+06	.14	.12
1-4	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	.18	.14
1-5	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	.29	.23
1-6	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	.29	.23
1-7	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	.62	.49
1-8	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	1.15	.92
1-9	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	.89	.71
1-10	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	1.48	1.18
1-11	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	1.65	1.31
1-12	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	1.94	1.55
1-13	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.72	2.17
1-14	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.81	2.24
1-15	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	3.63	2.89
1-16	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	4.06	3.24
1-17	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	5.43	4.33
1-18	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	6.13	4.89
1-19	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	6.41	5.11
1-20	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	8.28	6.61
1-21	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	9.07	7.24
1-22	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	11.31	9.02
1-23	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	14.43	11.51
1-24	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	16.78	13.39
1-25	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	22.91	18.28
1-26	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	17.46	13.93
1-27	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	14.57	11.62
1-28	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	12.18	9.72
1-29	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	11.65	9.29
1-30	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	9.84	7.85
1-31	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	8.71	6.95
1-32	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	7.13	5.69
1-33	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	7.23	5.76
1-34	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	6.48	5.17
1-35	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	5.65	4.50
1-36	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	5.25	4.19
1-37	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	5.12	4.09
1-39	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	4.84	3.86
1-40	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	4.41	3.51
1-41	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	3.79	3.02
1-42	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	3.42	2.73
1-43	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	4.01	3.20
1-44	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	3.16	2.52
1-45	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.79	2.22
1-46	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.98	2.38
1-47	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	3.68	2.94
1-48	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.93	2.34
1-49	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	2.90	2.32
50-1	3.23	60.5	64.1	63.9	366.8	322.0	159.2	.179E+06	1.38	1.10

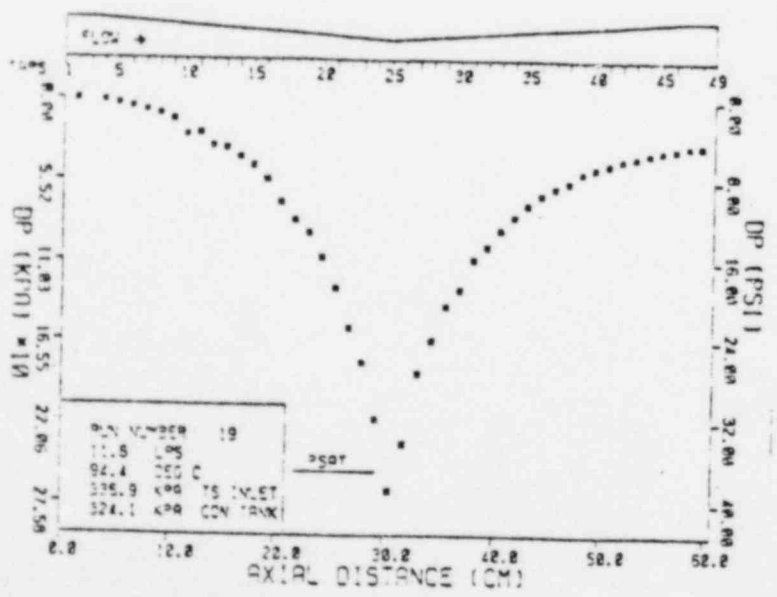


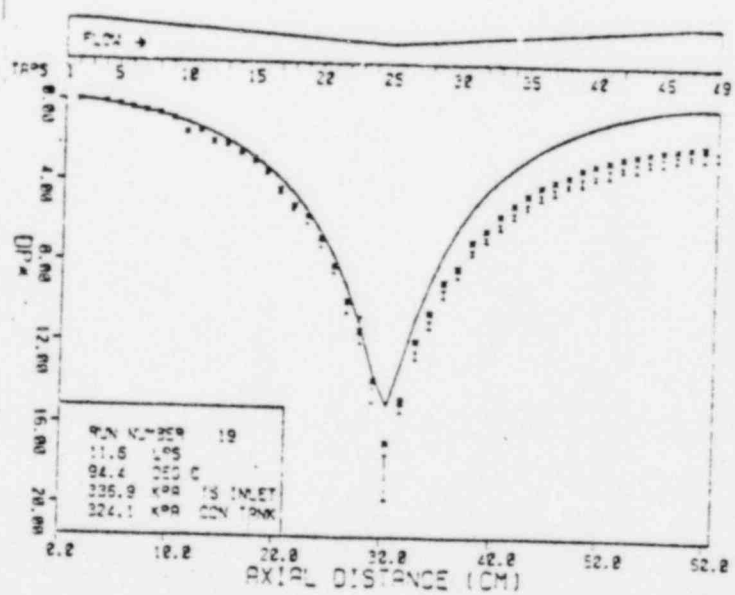


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 19

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	.19	.01
1-4	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	1.38	.09
1-5	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	3.23	.20
1-6	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	5.41	.34
1-7	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	7.63	.48
1-8	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	9.81	.62
1-9	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	13.50	.85
1-10	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	24.06	1.52
1-11	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	22.70	1.44
1-12	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	31.68	2.00
1-13	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	33.17	2.10
1-14	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	39.25	2.48
1-15	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	44.91	2.84
1-16	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	54.26	3.43
1-17	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	69.85	4.42
1-18	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	82.01	5.19
1-19	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	90.18	5.70
1-20	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	107.27	6.78
1-21	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	128.62	8.13
1-22	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	156.30	9.89
1-23	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	180.15	11.39
1-24	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	218.73	13.83
1-25	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	267.02	16.88
1-26	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	235.41	14.88
1-27	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	188.08	11.89
1-28	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	165.55	10.47
1-29	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	141.61	8.95
1-30	11.60	94.6	94.	94.5	336.9	324.1	571.0	.923E+06	130.01	8.22
1-31	11.60	94.6	94.	94.5	336.9	324.1	571.0	.923E+06	108.99	6.89
1-32	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	99.81	6.31
1-33	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	88.25	5.58
1-34	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	79.53	5.03
1-35	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	71.43	4.52
1-36	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	64.88	4.10
1-37	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	59.97	3.79
1-38	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	56.00	3.54
1-39	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	49.41	3.12
1-40	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	46.06	2.91
1-41	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	43.22	2.73
1-42	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	40.03	2.53
1-43	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	38.29	2.42
1-44	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	36.02	2.28
1-45	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	34.13	2.16
1-46	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	32.67	2.07
1-47	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	30.90	1.95
1-48	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	30.47	1.93
1-49	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	29.85	1.89
50-1	11.60	94.6	94.4	94.5	336.9	324.1	571.0	.923E+06	20.89	1.32

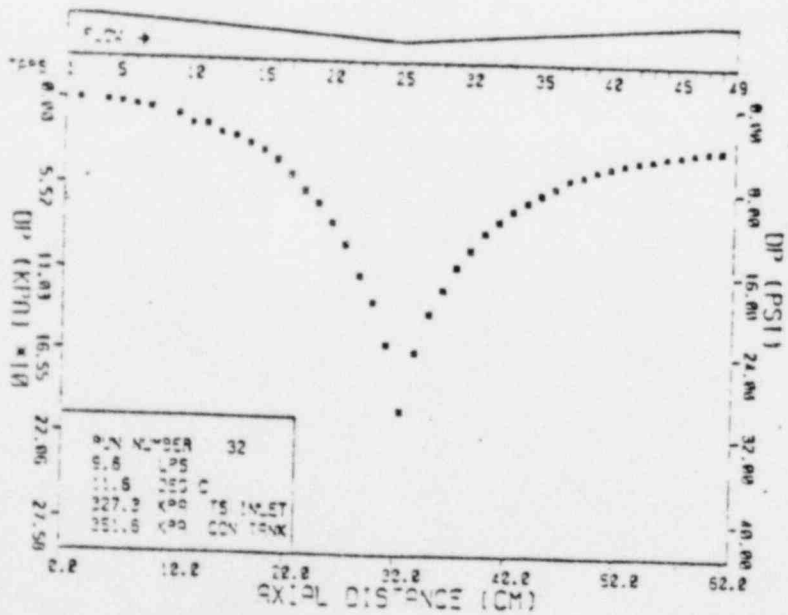


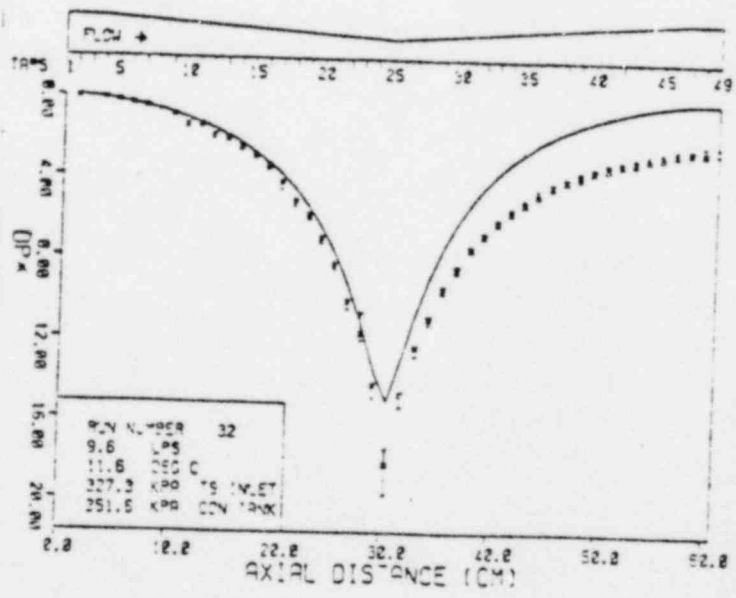


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 32

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	.34	.03
1-4	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	1.25	.11
1-5	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	2.39	.21
1-6	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	3.96	.35
1-7	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	5.57	.49
1-9	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	9.94	.89
1-10	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	15.45	1.38
1-11	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	15.33	1.37
1-12	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	21.04	1.88
1-13	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	22.76	2.03
1-14	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	27.70	2.48
1-15	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	32.08	2.87
1-16	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	38.02	3.40
1-17	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	47.31	4.23
1-18	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	57.79	5.17
1-19	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	65.85	5.89
1-20	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	78.02	6.97
1-21	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	92.45	8.26
1-22	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	112.68	10.07
1-23	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	130.57	11.67
1-24	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	159.28	14.24
1-25	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	204.31	18.26
1-26	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	164.45	14.70
1-27	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	138.16	12.35
1-28	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	121.91	10.90
1-29	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	106.52	9.52
1-30	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	95.12	8.50
1-31	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	83.79	7.49
1-32	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	76.11	6.80
1-33	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	69.07	6.17
1-34	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	63.12	5.64
1-35	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	58.21	5.20
1-36	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	53.53	4.79
1-37	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	48.05	4.30
1-38	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	45.35	4.05
1-39	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	42.03	3.76
1-40	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	39.76	3.55
1-41	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	37.29	3.33
1-42	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	35.65	3.19
1-43	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	33.86	3.03
1-44	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	32.12	2.87
1-45	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	30.49	2.73
1-46	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	29.13	2.60
1-47	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	27.89	2.49
1-48	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	27.64	2.47
1-49	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	26.85	2.40
50-1	9.57	11.8	11.6	2.4	327.3	351.6	471.3	.191E+06	14.69	1.31

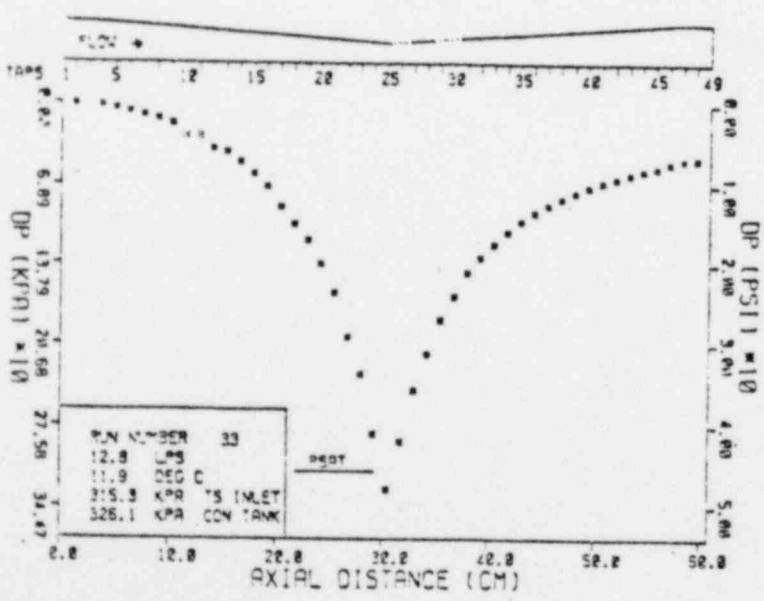


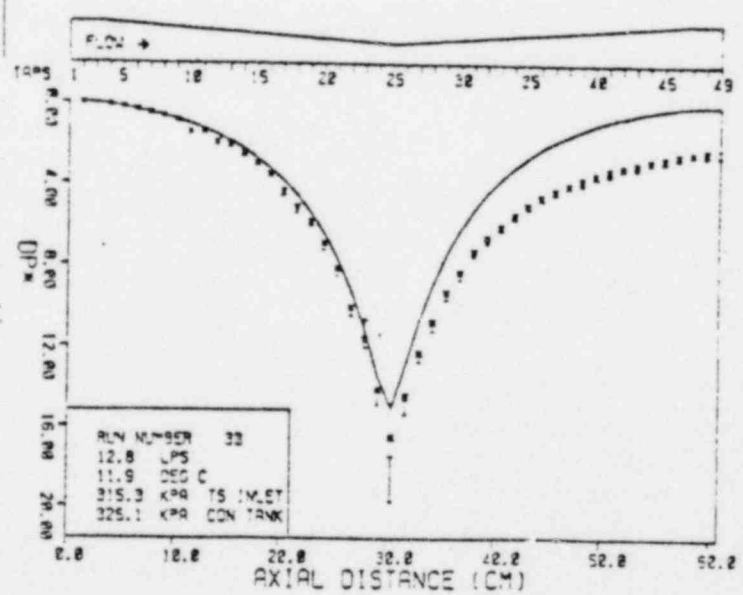


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 33

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	.90	.05
1-4	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	2.01	.10
1-5	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	4.08	.22
1-6	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	6.95	.35
1-7	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	9.94	.50
1-8	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	12.89	.65
1-9	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	17.05	.87
1-10	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	28.24	1.42
1-11	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	27.87	1.40
1-12	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	38.38	1.92
1-13	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	40.91	2.05
1-14	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	49.53	2.48
1-15	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	59.69	2.99
1-16	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	69.81	3.50
1-17	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	87.95	4.40
1-18	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	102.78	5.15
1-19	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	116.95	5.86
1-20	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	137.67	6.89
1-21	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	162.68	8.15
1-22	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	200.77	10.05
1-23	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	231.99	11.62
1-24	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	282.51	14.14
1-25	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	329.73	16.51
1-26	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	288.77	14.46
1-27	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	245.79	12.31
1-28	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	215.30	10.78
1-29	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	186.54	9.34
1-30	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	166.67	8.35
1-31	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	145.88	7.30
1-32	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	132.30	6.62
1-33	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	120.57	6.04
1-34	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	109.91	5.50
1-35	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	100.17	5.02
1-36	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	92.22	4.62
1-37	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	85.70	4.29
1-38	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	80.37	4.02
1-39	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	74.97	3.75
1-40	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	70.09	3.51
1-41	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	65.67	3.29
1-42	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	62.58	3.13
1-43	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	59.11	2.96
1-44	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	56.00	2.80
1-45	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	53.70	2.69
1-46	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	49.66	2.49
1-47	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	47.19	2.36
1-48	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	46.64	2.33
1-49	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	45.66	2.29
50-1	12.79	12.2	11.9	11.9	315.3	326.1	629.7	.257E+06	26.08	1.30

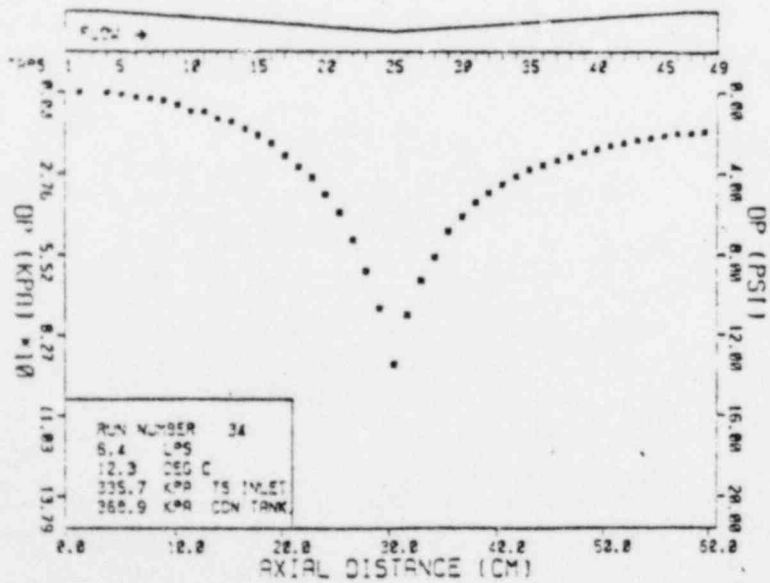


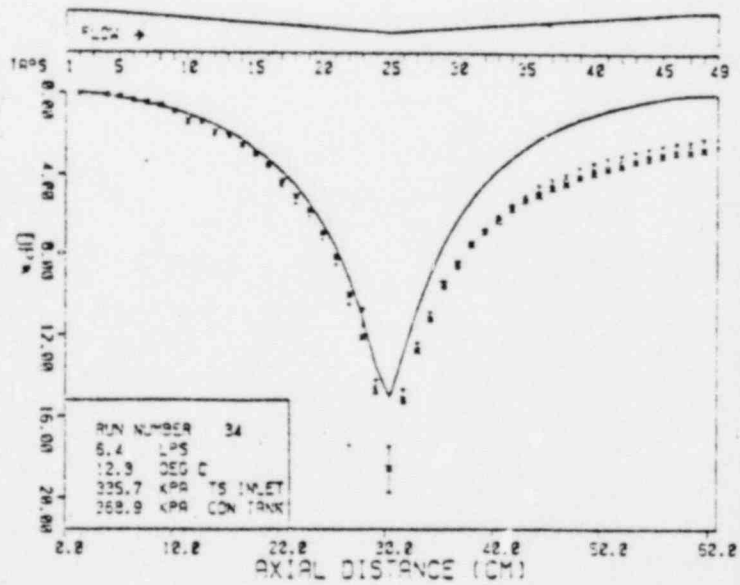


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 34

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	.19	.04
1-4	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	.46	.09
1-5	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	.94	.19
1-6	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	1.74	.35
1-7	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	2.30	.46
1-8	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	2.97	.59
1-9	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	4.54	.91
1-10	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	6.69	1.34
1-11	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	6.91	1.39
1-12	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	9.41	1.89
1-13	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	10.27	2.05
1-14	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	12.66	2.53
1-15	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	14.87	2.97
1-16	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	17.46	3.49
1-17	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	21.64	4.32
1-18	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	25.43	5.08
1-19	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	28.85	5.76
1-20	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	34.45	6.88
1-21	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	40.60	8.11
1-22	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	49.99	9.99
1-23	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	60.49	12.08
1-24	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	73.53	14.68
1-25	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	92.85	18.54
1-26	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	75.82	15.14
1-27	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	63.94	12.77
1-28	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	56.07	11.20
1-29	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	47.42	9.47
1-30	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	42.29	8.45
1-31	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	37.32	7.45
1-32	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	34.03	6.80
1-33	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	31.27	6.25
1-34	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	28.37	5.67
1-35	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	26.15	5.22
1-36	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	24.82	4.96
1-37	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	23.05	4.60
1-38	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	21.97	4.39
1-39	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	20.35	4.06
1-40	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	19.30	3.85
1-41	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	18.20	3.63
1-42	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	17.39	3.47
1-43	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	16.29	3.25
1-44	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	15.75	3.15
1-45	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	14.93	2.98
1-46	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	14.29	2.84
1-47	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	14.01	2.80
1-48	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	13.55	2.71
1-49	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	13.28	2.64
50-1	6.40	12.5	12.3	12.3	335.7	368.9	315.3	.130E+06	6.27	1.25

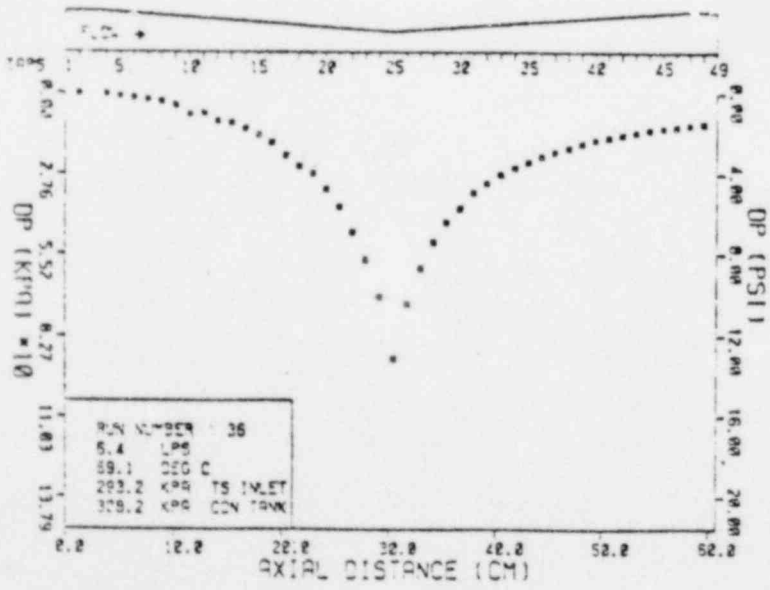


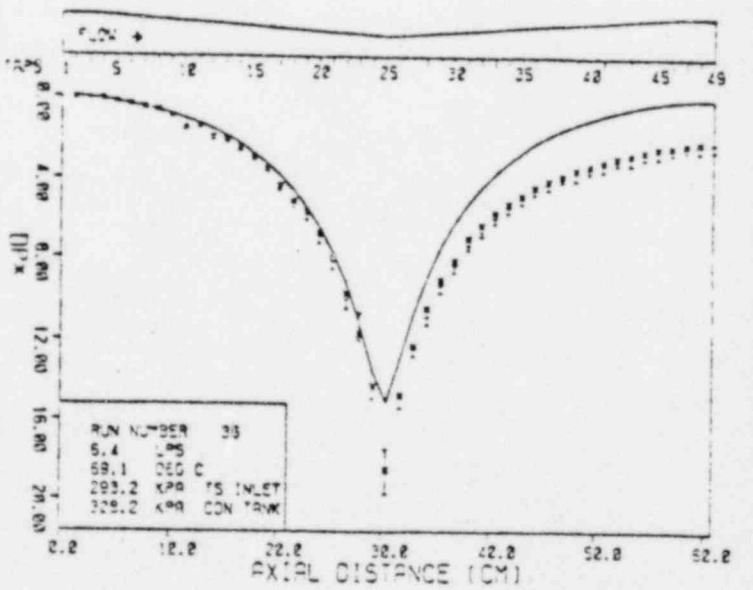


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 36

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	.19	.04
1-4	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	.37	.08
1-5	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	1.10	.22
1-6	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	1.68	.34
1-7	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	2.32	.48
1-8	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	3.07	.63
1-9	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	4.25	.87
1-10	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	7.17	1.47
1-11	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	6.76	1.39
1-12	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	9.51	1.95
1-13	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	10.20	2.09
1-14	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	12.13	2.49
1-15	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	14.13	2.90
1-16	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	16.82	3.45
1-17	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	21.17	4.34
1-18	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	24.96	5.12
1-19	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	27.44	5.63
1-20	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	32.75	6.72
1-21	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	38.82	7.96
1-22	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	47.51	9.75
1-23	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	57.02	11.70
1-24	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	69.43	14.25
1-25	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	90.25	18.52
1-26	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	71.77	14.73
1-27	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	59.98	12.31
1-28	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	51.02	10.47
1-29	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	44.20	9.07
1-30	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	39.44	8.09
1-31	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	34.06	6.99
1-32	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	30.89	6.34
1-33	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	27.72	5.69
1-34	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	25.20	5.17
1-35	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	23.37	4.80
1-36	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	21.30	4.37
1-37	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	19.79	4.06
1-38	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	18.48	3.79
1-39	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	16.96	3.48
1-40	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	15.86	3.25
1-41	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	14.89	3.06
1-42	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	14.07	2.89
1-43	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	13.24	2.72
1-44	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	12.41	2.55
1-45	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	11.65	2.39
1-46	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	11.31	2.32
1-47	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	10.69	2.19
1-48	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	10.34	2.12
1-49	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	10.20	2.09
50-1	6.38	66.1	69.1	68.9	293.2	308.2	314.4	.379E+06	6.41	1.32

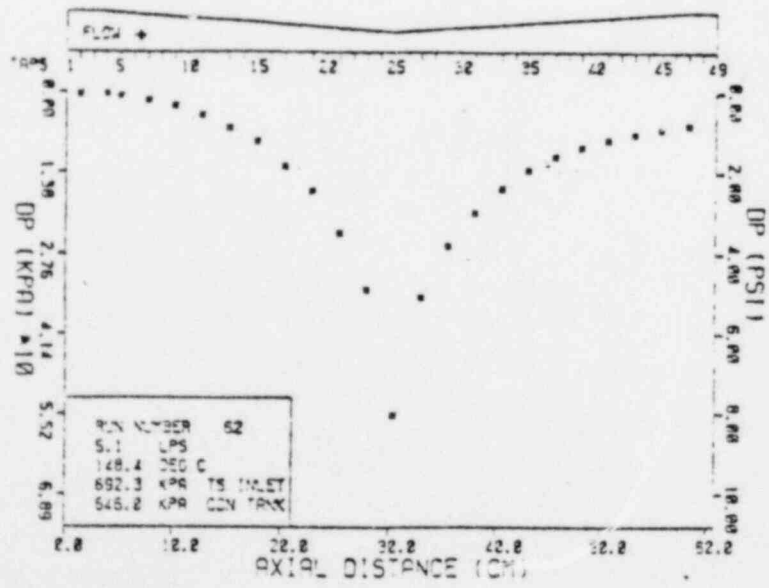


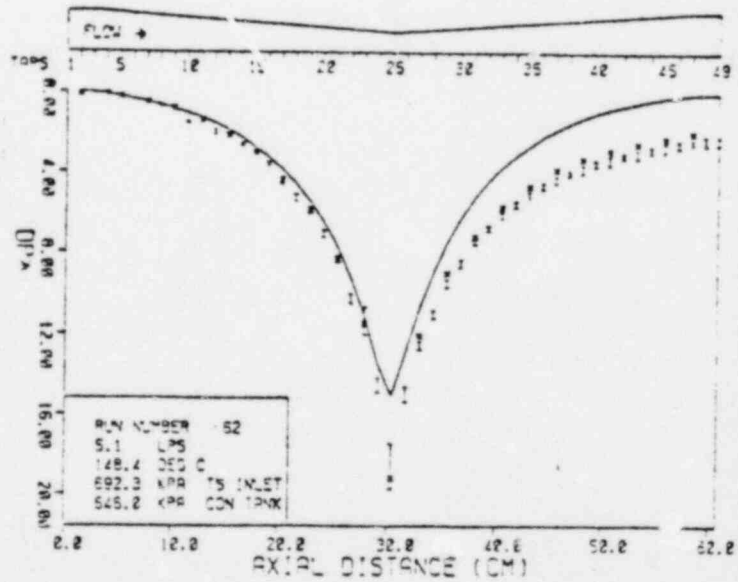


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 62

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	5.06	131.6	148.5	148.5	692.3	646.8	249.0	.616E+06	.33	.11
1-4	5.05	131.5	148.5	148.5	692.3	646.8	248.8	.615E+06	.29	.10
1-5	5.06	131.5	148.5	148.4	692.3	646.8	249.2	.616E+06	.63	.22
1-7	5.05	131.5	148.5	148.4	692.3	646.8	248.5	.614E+06	1.35	.47
1-9	5.08	131.5	148.5	148.4	692.3	646.8	250.2	.618E+06	2.27	.78
1-11	5.09	131.5	148.6	148.5	692.3	646.8	250.5	.620E+06	4.01	1.38
1-13	5.08	131.5	148.5	148.5	692.3	646.8	250.3	.619E+06	6.20	2.14
1-15	5.06	131.5	148.5	148.5	692.3	646.8	248.9	.615E+06	8.56	2.94
1-17	5.09	131.5	148.6	148.5	692.3	646.8	250.7	.620E+06	12.76	4.39
1-19	5.07	131.5	148.5	148.4	692.3	646.8	249.9	.618E+06	16.88	5.84
1-21	5.08	131.5	148.5	148.4	692.3	646.8	250.1	.618E+06	20.99	8.29
1-23	5.11	131.4	148.4	148.4	692.3	646.8	251.5	.621E+06	33.62	11.48
1-25	5.07	131.4	148.5	148.4	692.3	646.8	249.6	.617E+06	55.39	19.20
1-27	5.08	131.4	148.4	148.4	692.3	646.8	250.1	.618E+06	35.01	12.19
1-29	5.09	131.4	148.6	148.4	692.3	646.8	250.8	.620E+06	26.19	9.08
1-31	5.04	131.4	148.4	148.4	692.3	646.8	248.3	.613E+06	20.58	7.21
1-33	5.08	131.4	148.4	148.4	692.3	646.8	249.9	.618E+06	16.51	5.71
1-35	5.06	131.4	148.5	148.4	692.3	646.8	249.0	.615E+06	13.07	4.66
1-37	5.09	131.3	148.5	148.4	692.3	646.8	250.5	.619E+06	11.10	3.92
1-39	5.08	131.4	148.4	148.4	692.3	646.8	250.2	.618E+06	9.54	3.29
1-41	5.08	131.3	148.4	148.4	692.3	646.8	249.9	.617E+06	8.19	2.83
1-43	5.09	131.3	148.6	148.4	692.3	646.8	250.7	.620E+06	7.25	2.49
1-45	5.05	131.3	148.5	148.4	692.3	646.8	248.7	.615E+06	6.41	2.24
1-47	5.06	131.3	148.5	148.4	692.3	646.8	249.0	.616E+06	5.66	1.97
1-49	5.08	131.3	148.4	148.4	692.3	646.8	250.8	.619E+06	5.35	1.95
50-1	5.06	131.3	148.5	148.4	692.3	646.8	249.4	.616E+06	2.71	.94

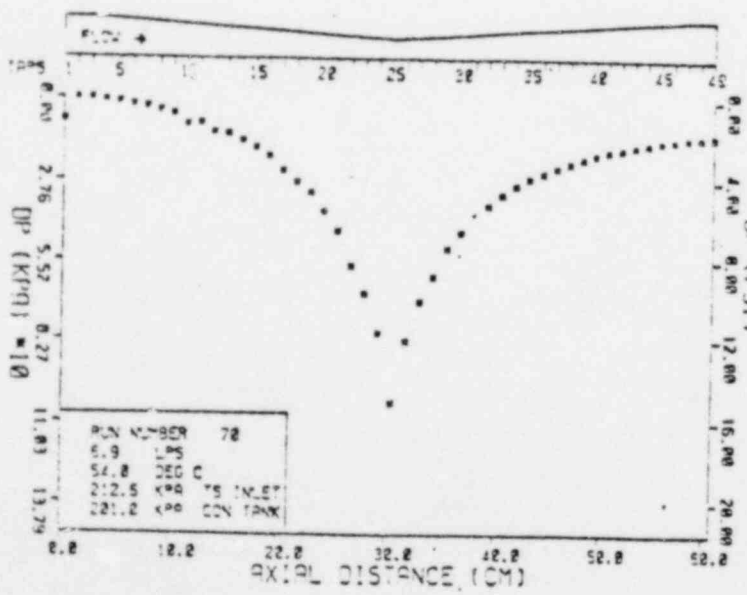


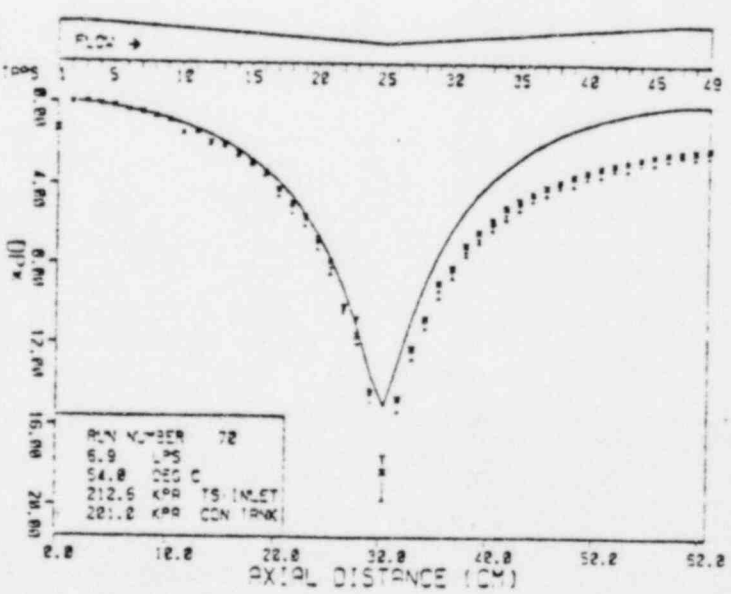


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 78

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.84	47.5	53.7	48.4	213.2	201.3	336.9	.326E+06	.06	.01
1-4	6.89	47.5	53.7	48.2	212.2	199.9	339.0	.328E+06	.63	.11
1-6	6.83	47.5	53.8	48.3	211.6	198.5	337.2	.327E+06	2.12	.37
1-7	6.87	47.5	53.8	48.1	212.8	200.5	338.2	.328E+06	2.64	.47
1-9	6.90	47.5	53.8	48.2	212.2	200.2	339.9	.329E+06	4.88	.85
1-11	6.84	47.5	53.8	48.0	211.7	200.1	336.6	.326E+06	7.89	1.40
1-13	6.87	47.5	53.8	48.1	211.4	201.2	338.1	.328E+06	11.59	2.04
1-14	6.88	47.5	53.8	48.5	211.4	199.9	339.0	.329E+06	13.97	2.45
1-15	6.84	47.6	53.8	48.8	211.0	200.5	337.0	.327E+06	16.26	2.88
1-16	6.87	47.6	53.9	48.5	211.7	201.0	338.2	.328E+06	19.16	3.37
1-17	6.88	47.6	53.8	48.6	211.4	201.8	339.0	.329E+06	24.12	4.22
1-18	6.90	47.5	53.9	48.8	212.7	200.0	339.8	.330E+06	27.95	4.87
1-19	6.84	47.5	53.9	48.8	212.3	200.5	336.7	.327E+06	31.44	5.58
1-20	6.87	47.6	53.9	48.3	212.1	200.2	338.1	.328E+06	37.89	6.67
1-21	6.88	47.6	53.9	48.6	212.8	201.2	339.0	.329E+06	44.85	7.86
1-22	6.81	47.6	53.9	48.6	212.5	200.8	335.4	.326E+06	56.97	10.19
1-23	6.90	47.6	54.0	48.5	211.5	200.5	339.6	.330E+06	66.41	11.59
1-24	6.80	47.6	54.0	48.4	212.3	201.6	334.8	.326E+06	80.30	14.42
1-25	6.82	47.7	54.1	48.6	212.6	200.4	338.0	.329E+06	103.78	18.29
1-26	6.85	47.7	54.1	48.4	211.5	200.4	337.5	.329E+06	83.16	14.70
1-27	6.87	47.8	54.1	48.5	211.4	199.7	338.4	.330E+06	69.53	12.22
1-28	6.85	47.8	54.2	48.8	212.3	200.5	337.4	.329E+06	60.69	10.73
1-29	6.87	47.8	54.2	48.4	212.9	200.0	338.4	.330E+06	50.85	9.04
1-30	6.80	47.8	54.2	48.7	213.5	200.8	335.1	.327E+06	45.46	8.15
1-31	6.85	47.8	54.2	48.6	211.5	200.4	337.2	.329E+06	39.54	7.09
1-32	6.88	47.8	54.2	48.1	212.3	199.5	338.8	.330E+06	35.98	6.31
1-33	6.83	47.8	54.2	48.8	211.4	199.3	336.4	.328E+06	32.17	5.72
1-34	6.89	47.8	54.2	48.6	213.2	200.8	339.1	.331E+06	29.12	5.10
1-35	6.84	47.9	54.2	48.8	212.4	200.4	336.6	.328E+06	26.52	4.71
1-36	6.86	47.8	54.2	48.8	213.4	201.2	337.6	.329E+06	24.78	4.39
1-37	6.88	47.8	54.2	48.8	212.7	200.7	338.9	.330E+06	23.00	4.03
1-38	6.85	47.9	54.2	48.7	212.7	200.7	337.4	.329E+06	21.39	3.78
1-39	6.87	47.8	54.2	49.1	213.1	201.1	338.2	.330E+06	19.87	3.50
1-40	6.84	47.8	54.2	49.1	213.1	201.4	336.9	.329E+06	18.52	3.24
1-41	6.85	47.8	54.2	48.7	212.5	200.1	337.2	.329E+06	17.25	3.05
1-42	6.86	47.8	54.2	48.9	211.6	199.9	337.8	.329E+06	16.48	2.91
1-43	6.81	47.8	54.2	48.7	212.9	200.2	335.4	.327E+06	15.59	2.75
1-44	6.85	47.9	54.2	48.9	211.7	200.6	337.2	.329E+06	14.75	2.61
1-45	6.88	47.9	54.2	48.4	210.9	198.8	338.6	.330E+06	13.98	2.45
1-46	6.87	47.9	54.3	48.7	212.1	201.5	338.1	.330E+06	13.30	2.35
1-47	6.85	47.9	54.2	48.7	211.8	200.1	337.5	.329E+06	12.88	2.28
1-48	6.84	47.9	54.2	48.6	211.9	199.4	337.0	.329E+06	12.61	2.24
1-49	6.86	47.9	54.2	48.6	212.3	200.1	337.9	.330E+06	12.19	2.15
1-3	6.84	47.9	54.2	48.8	212.2	201.3	337.0	.329E+06	.00	.00
1-5	6.83	47.9	54.2	48.9	212.5	199.8	336.4	.328E+06	1.05	.19
1-8	6.90	47.9	54.3	48.7	212.8	201.1	339.8	.332E+06	3.73	.65
1-10	6.89	47.9	54.3	48.8	211.4	200.3	339.3	.331E+06	8.31	1.45
1-12	6.87	47.9	54.3	49.0	212.4	199.5	338.5	.331E+06	10.96	1.93
50-1	6.83	48.1	54.3	49.1	209.3	198.7	336.2	.328E+06	7.28	1.30

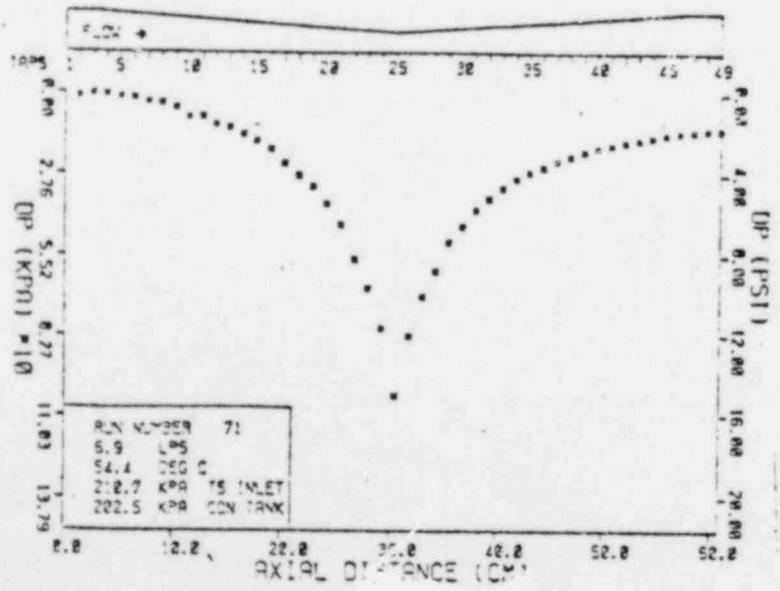


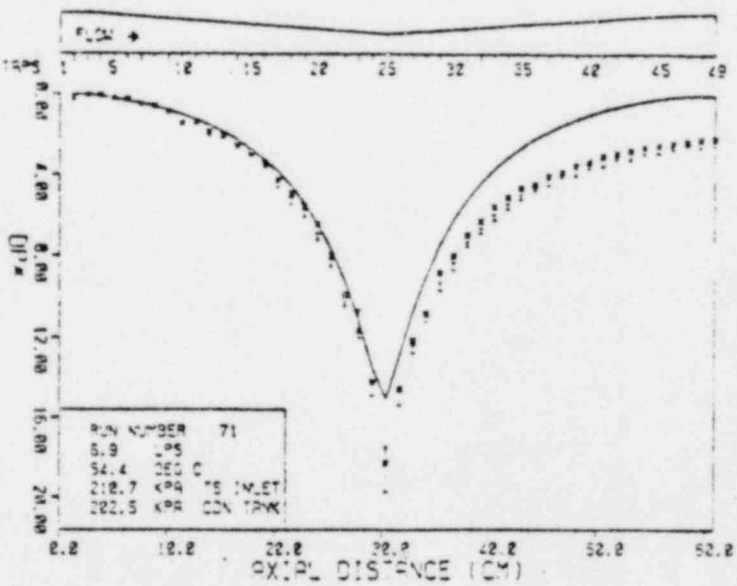


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 71

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.87	46.9	53.2	49.0	211.3	203.2	338.2	.325E+06	1.11	.29
1-3	6.88	46.9	53.3	49.2	210.9	204.4	338.6	.326E+06	.29	.85
1-4	6.87	46.9	53.2	49.1	210.8	202.6	338.3	.325E+06	.48	.09
1-5	6.86	47.0	53.3	48.8	209.6	201.8	337.8	.325E+06	1.20	.21
1-6	6.84	47.0	53.3	48.7	210.9	203.3	336.8	.324E+06	1.61	.29
1-7	6.85	47.0	53.3	48.8	210.3	201.1	337.2	.324E+06	2.85	.51
1-8	6.88	47.0	53.2	48.8	210.9	202.8	338.8	.326E+06	3.45	.61
1-9	[illegible]	47.0	53.3	49.0	210.2	201.0	338.1	.325E+06	5.02	.88
1-10	6.85	47.0	53.3	48.8	211.0	203.9	337.2	.324E+06	8.13	1.44
1-11	6.90	47.0	53.3	48.7	210.9	202.5	339.6	.327E+06	7.97	1.39
1-12	6.90	47.0	53.3	49.1	211.2	201.9	339.8	.327E+06	10.81	1.88
1-13	6.86	47.0	53.3	48.4	210.4	200.8	337.8	.325E+06	11.73	2.07
1-14	6.81	47.0	53.3	48.5	210.3	202.7	335.3	.323E+06	14.19	2.54
1-15	6.87	47.0	53.3	48.6	211.3	203.2	338.5	.326E+06	16.36	2.97
1-16	6.85	47.0	53.3	48.6	211.0	202.1	337.5	.325E+06	19.21	3.39
1-17	6.85	47.0	53.3	48.7	210.8	203.0	337.4	.324E+06	23.35	4.23
1-18	6.88	47.0	53.3	48.4	210.5	203.1	338.6	.326E+06	27.90	4.89
1-19	6.89	47.0	53.3	48.2	211.9	202.9	339.3	.326E+06	31.82	5.53
1-20	6.94	47.0	53.3	48.0	210.0	202.4	341.7	.329E+06	37.44	6.45
1-21	6.83	47.0	53.3	48.3	210.5	201.1	336.1	.323E+06	44.68	7.96
1-22	6.87	47.0	53.3	48.4	211.1	203.1	338.4	.326E+06	56.49	9.93
1-23	6.88	47.1	53.3	48.5	210.0	203.3	338.7	.326E+06	66.50	11.66
1-24	6.85	47.1	53.3	48.4	210.4	202.9	337.1	.324E+06	80.32	14.22
1-25	6.86	47.1	53.4	48.2	210.0	203.4	337.9	.325E+06	103.62	18.26
1-26	6.88	47.1	53.4	48.5	211.3	203.4	338.8	.326E+06	82.99	14.55
1-27	6.88	47.1	53.4	48.5	210.4	201.5	338.9	.326E+06	69.33	12.15
1-28	6.81	47.1	53.4	48.1	210.3	202.0	335.5	.323E+06	60.66	10.64
1-29	6.91	47.1	53.4	48.4	209.7	202.0	340.4	.328E+06	50.75	8.81
1-30	6.85	47.1	53.4	48.0	210.3	202.5	337.3	.325E+06	45.22	8.00
1-31	6.84	47.1	53.4	48.2	210.7	201.1	337.0	.324E+06	39.53	7.01
1-32	6.85	47.1	53.4	48.5	210.4	202.5	337.3	.325E+06	35.78	6.33
1-33	6.91	47.1	53.4	48.5	209.2	201.7	340.3	.328E+06	32.15	5.59
1-34	6.88	47.1	54.8	48.5	211.0	202.6	338.6	.333E+06	29.81	5.09
1-35	6.90	47.3	53.8	48.2	210.5	203.9	340.0	.330E+06	26.61	4.63
1-36	6.82	47.7	53.8	48.1	211.5	202.9	335.6	.325E+06	24.95	4.46
1-37	6.87	47.6	53.9	48.3	211.1	201.7	338.2	.328E+06	22.90	4.03
1-38	6.80	47.5	54.7	48.3	210.9	203.1	336.4	.330E+06	21.44	3.81
1-39	6.84	47.6	55.5	48.9	211.6	204.3	336.8	.335E+06	19.72	3.50
1-40	6.80	48.1	55.7	49.0	210.4	201.9	334.9	.334E+06	18.51	3.32
1-41	6.98	48.5	56.2	49.0	211.2	202.7	339.0	.341E+06	17.36	3.04
1-42	6.80	48.8	56.6	49.2	211.6	203.3	336.5	.340E+06	16.33	2.91
1-43	6.87	49.2	57.0	49.2	211.0	202.1	338.5	.344E+06	15.54	2.79
1-44	6.88	49.6	57.3	49.5	211.5	202.8	338.9	.346E+06	14.70	2.58
1-45	6.84	49.9	57.7	49.7	211.5	202.9	336.8	.346E+06	13.96	2.48
1-46	6.81	50.1	57.9	49.9	211.6	202.2	335.3	.346E+06	13.28	2.38
1-47	6.84	50.4	58.2	50.1	210.6	203.2	336.8	.348E+06	12.81	2.26
1-48	6.83	50.7	58.5	49.8	210.1	203.0	336.2	.350E+06	12.29	2.19
1-49	6.81	50.9	58.8	50.2	209.8	202.7	335.2	.350E+06	12.01	2.16
50-1	6.84	51.2	59.1	50.0	209.8	201.3	336.7	.353E+06	7.33	1.34





APPENDIX B

PRESSURE DISTRIBUTION DATA UNDER FLASHING CONDITIONS

SOME PHOTOGRAPHIC OBSERVATIONS

B. FLASHING EXPERIMENTS

RUN	p_{in}(kPa)	T_{in}(^{o}C)	G(Mg/m^{2}s)	p_{ct}(kPa)	T_{ct}(^{o}C)
20	281.	98.3	4.90	245.	98.2
21	393.	100.6	6.01	136.	100.4
22	170.	100.2	3.04	125.	100.1
23	130.	99.4	1.81	121.	99.3
24	160.	98.0	3.05	122.	97.8
25	247.	97.4	4.52	125.	97.3
26	386.	97.8	6.02	132.	97.7
27	326.	130.0	2.95	299.	129.6
28	566.	131.7	5.90	316.	131.4
29	488.	123.5	5.77	210.	115.4
30	375.	125.1	4.50	206.	114.7
31	----	-----	----	----	-----
35	287.	99.4	4.96	250.	99.2
37	296.	100.3	4.94	170.	100.0
38	117.	100.3	2.05	112.	99.8
39	136.	100.5	2.25	112.	100.1
40	168.	100.3	3.02	112.	100.0
41	250.	100.2	4.54	115.	99.8
42	194.	99.6	3.79	114.	99.4
43	287.	100.2	4.97	121.	99.9
44	271.	99.9	4.50	101.	99.9
45	308.	99.8	4.97	99.	100.0
46	223.	99.9	3.79	99.	99.9
47	----	-----	----	----	-----

B. FLASHING EXPERIMENTS

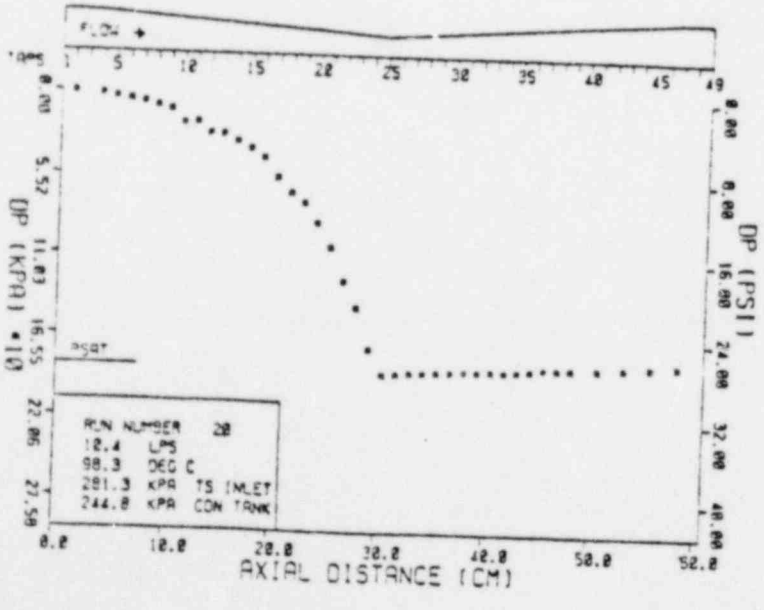
(Cont'd)

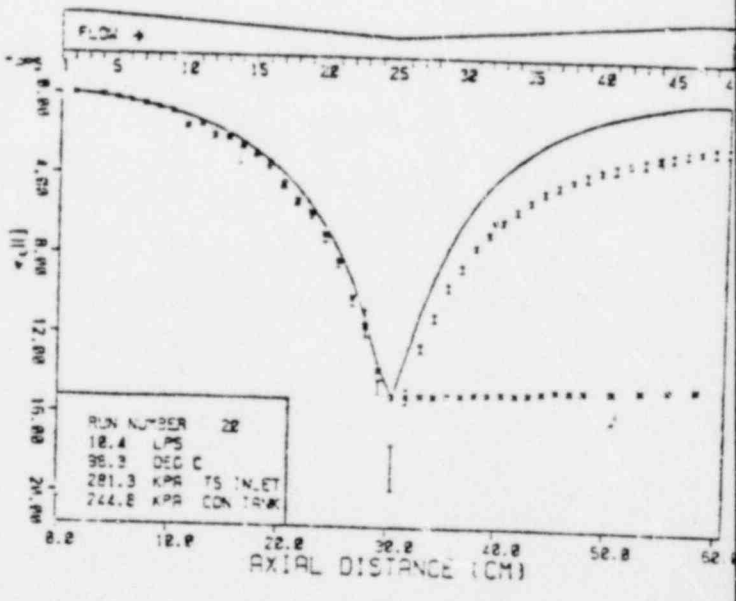
RUN	P_{in}(kPa)	T_{in}(^{o}C)	G(Mg/m^{2}s)	P_{ct}(kPa)	T_{ct}(^{o}C)
48	183.	99.9	3.04	100	99.9
49	146.	99.9	2.27	99	99.7
50	142.	99.8	2.04	101	99.9
51	----	-----	----	---	-----
52	381.	123.5	4.48	254	123.5
53	395.	123.6	4.45	249	123.6
54	525.	123.6	5.96	252	123.7
55	293.	123.6	2.99	251	123.6
56	261.	123.2	2.20	252	123.6
57	263.	124.7	2.04	256	123.9
58	254.	123.3	2.98	174	110.2
59	254.	123.1	2.98	174	110.2
60	264.	125.8	2.93	186	112.5
61	259.	123.8	2.98	162	108.8
63	739.	148.7	5.85	464	148.7
64	609.	148.8	4.40	463	148.8
65	----	-----	----	---	-----
66	521.	148.8	2.94	463	148.8
67	502.	148.6	2.22	463	148.7
68	395.	143.5	1.24	185	118.0
69	399.	144.3	1.23	188	118.5

BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 28

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	.10	.01
1-4	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	1.10	.09
1-5	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	2.68	.21
1-6	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	4.48	.36
1-7	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	6.16	.49
1-8	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	8.20	.65
1-9	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	10.67	.85
1-10	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	19.53	1.55
1-11	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	18.48	1.47
1-12	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	25.84	2.05
1-13	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	26.56	2.11
1-14	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	31.27	2.49
1-15	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	35.95	2.86
1-16	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	42.21	3.35
1-17	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	55.72	4.43
1-18	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	65.63	5.22
1-19	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	72.65	5.77
1-20	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	86.34	6.86
1-21	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	102.88	8.18
1-22	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	126.31	10.04
1-24	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	144.23	11.46
1-25	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	172.69	13.72
1-26	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	189.88	15.08
1-27	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	188.92	15.01
1-28	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	188.31	14.96
1-29	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	188.49	14.98
1-30	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	187.86	14.93
1-31	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	187.43	14.89
1-32	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	186.72	14.84
1-33	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	186.74	14.84
1-34	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	186.26	14.80
1-35	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	186.38	14.81
1-36	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	185.88	14.77
1-37	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	184.96	14.70
1-38	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	183.85	14.61
1-39	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	183.97	14.62
1-41	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	183.95	14.62
1-43	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	183.66	14.59
1-45	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	182.52	14.50
1-47	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	181.48	14.42
1-49	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	180.00	14.35
50-1	10.36	99.4	98.3	98.2	281.3	244.8	510.1	.856E+06	179.89	14.29
								.856E+06	17.24	1.37

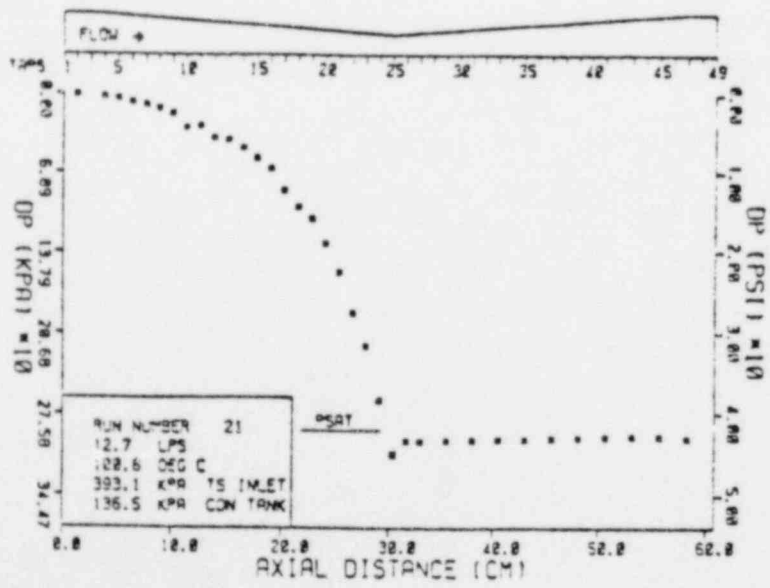


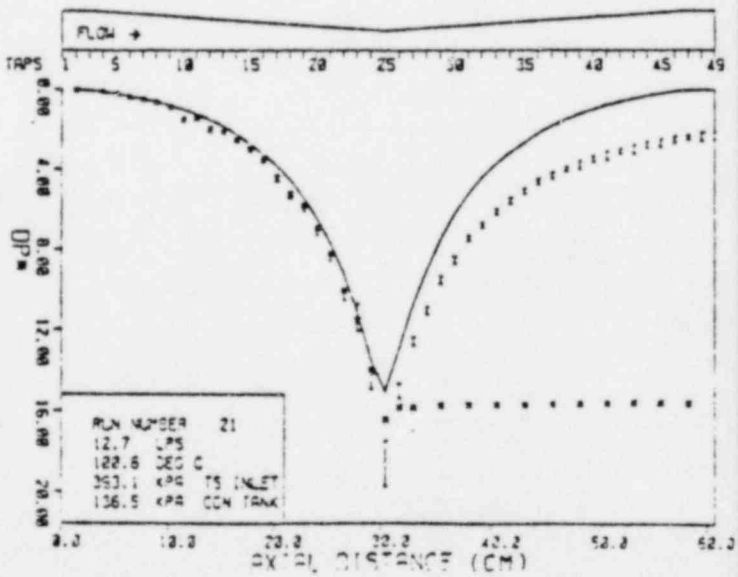


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 21

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	.24	.01
1-4	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	2.82	.11
1-5	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	3.83	.20
1-6	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	6.85	.36
1-7	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	9.26	.49
1-8	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	12.26	.65
1-9	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	16.53	.87
1-10	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	28.88	1.53
1-11	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	27.30	1.44
1-12	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	38.33	2.02
1-13	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	40.16	2.12
1-14	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	47.33	2.50
1-15	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	56.26	2.97
1-16	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	65.58	3.46
1-17	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	84.59	4.47
1-18	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	98.65	5.21
1-19	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	109.06	5.76
1-20	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	130.22	6.88
1-21	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	154.38	8.15
1-22	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	189.30	10.00
1-23	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	217.97	11.51
1-24	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	264.69	13.95
1-25	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	310.42	16.39
1-26	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	299.04	15.79
1-27	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	299.49	15.81
1-29	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	298.03	15.74
1-31	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	297.86	15.73
1-33	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	297.50	15.71
1-35	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	297.54	15.71
1-37	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	296.95	15.68
1-39	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	296.45	15.65
1-41	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	295.75	15.62
1-43	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	295.37	15.60
1-45	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	295.24	15.59
1-47	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	296.35	15.65
1-49	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	295.46	15.60
50-1	12.72	101.3	100.6	100.4	393.1	136.5	626.3	.107E+07	26.79	1.41

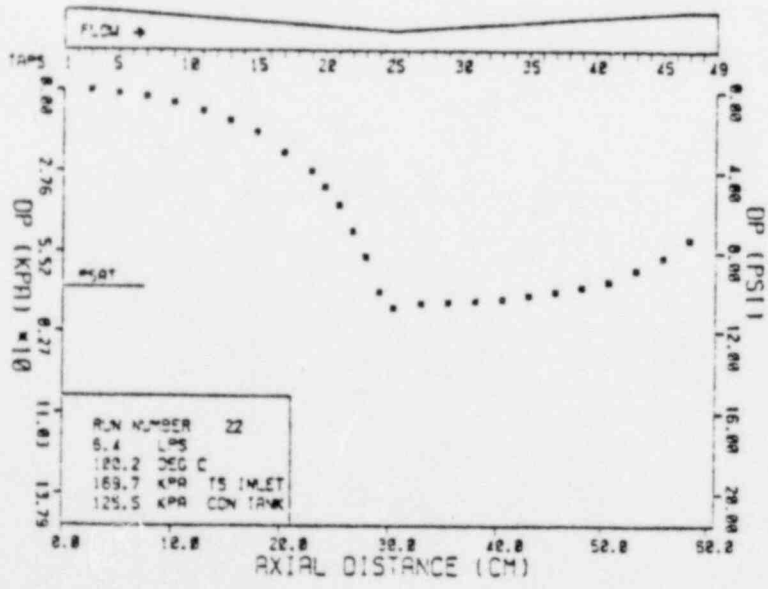


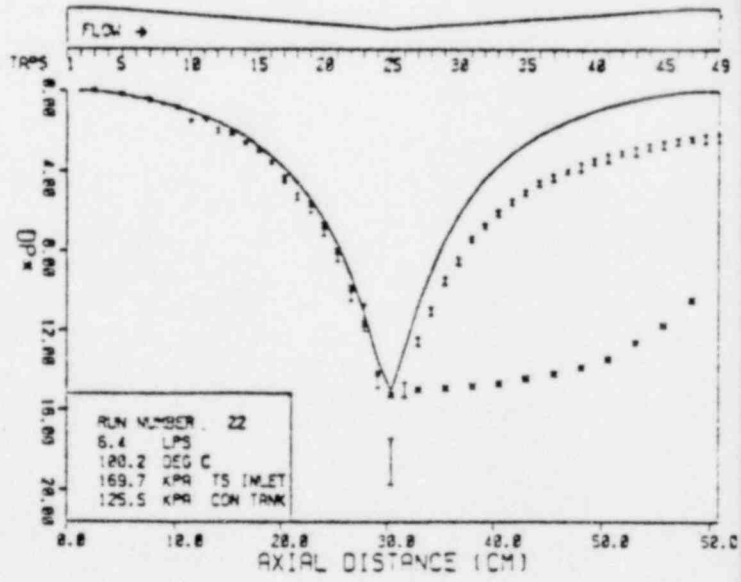


BWL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 22

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	.03	.01
1-5	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	1.08	.22
1-7	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	2.26	.47
1-9	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	4.10	.84
1-11	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	6.85	1.41
1-13	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	10.21	2.10
1-15	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	14.13	2.91
1-17	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	21.10	4.34
1-19	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	27.37	5.63
1-21	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	32.68	6.73
1-22	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	38.82	7.99
1-23	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	47.79	9.84
1-24	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	56.71	11.67
1-25	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	68.78	14.16
1-27	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	74.13	15.26
1-29	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	72.94	14.99
1-31	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	72.52	14.93
1-33	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	72.03	14.83
1-35	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	71.36	14.69
1-37	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	70.19	14.45
1-39	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	68.95	14.19
1-41	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	67.46	13.89
1-43	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	65.27	13.43
1-45	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	61.18	12.59
1-47	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	56.99	11.73
1-49	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	50.78	10.45
50-1	6.44	100.8	100.2	100.1	169.7	125.5	317.2	.542E+06	45.86	9.44
									6.09	1.25

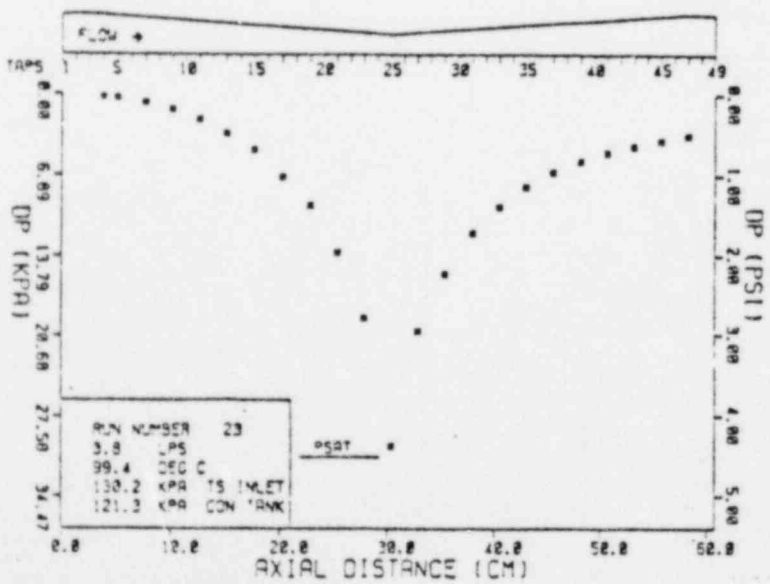


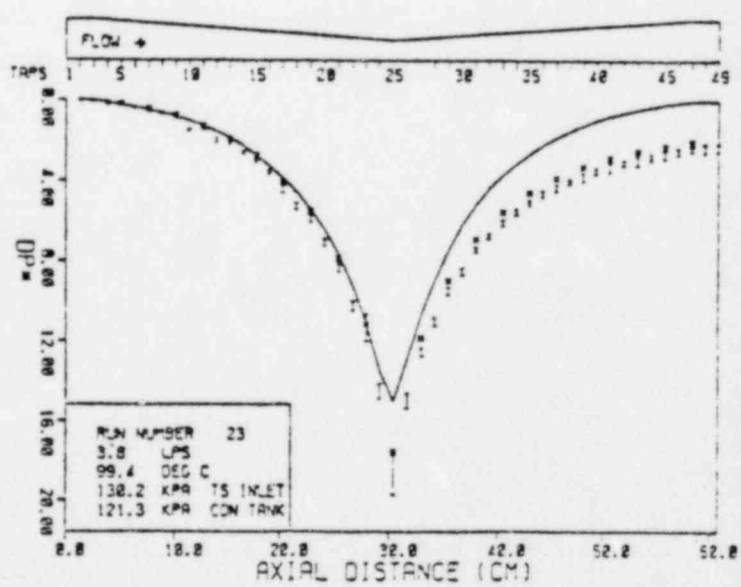


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 23

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	.25	.14
1-5	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	.31	.18
1-7	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	.71	.41
1-9	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	1.30	.76
1-11	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	2.14	1.25
1-13	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	3.26	1.90
1-15	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	4.65	2.72
1-17	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	6.99	4.08
1-19	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	9.41	5.50
1-21	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	13.48	7.87
1-23	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	19.14	11.18
1-25	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	30.14	17.60
1-27	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	20.33	11.87
1-29	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	15.39	8.99
1-31	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	11.84	6.91
1-33	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	9.56	5.58
1-35	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	7.81	4.56
1-37	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	6.57	3.84
1-39	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	5.61	3.28
1-41	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	4.88	2.85
1-43	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	4.33	2.53
1-45	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	3.88	2.27
1-47	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	3.48	2.03
1-49	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	3.33	1.94
50-1	3.82	100.3	99.4	99.3	130.2	121.3	188.3	.319E+06	1.47	.86

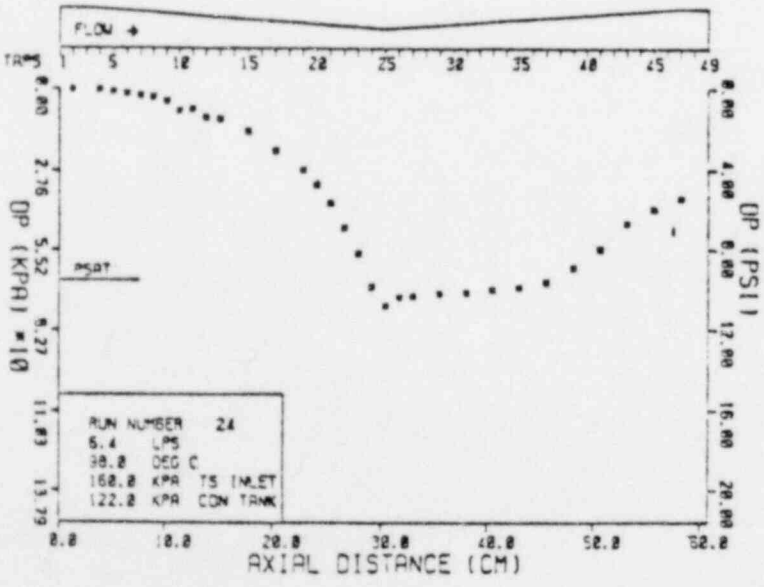


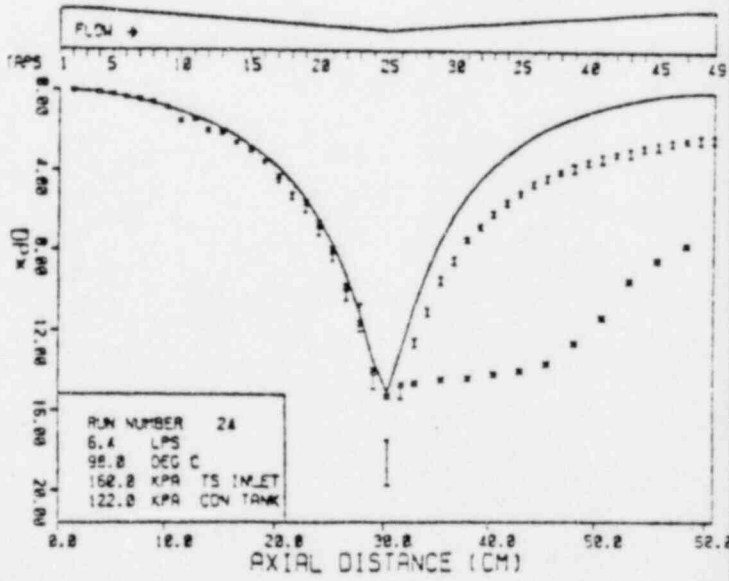


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 24

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	.10	.02
1-4	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	.45	.09
1-5	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	.94	.19
1-6	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	1.65	.34
1-7	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	2.28	.47
1-8	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	2.86	.59
1-9	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	4.07	.84
1-10	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	7.25	1.49
1-11	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	6.77	1.39
1-12	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	9.54	1.96
1-13	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	10.07	2.07
1-15	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	14.13	2.90
1-17	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	20.84	4.28
1-19	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	27.25	5.60
1-20	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	32.34	6.65
1-21	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	38.67	7.95
1-22	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	47.42	9.74
1-23	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	56.43	11.59
1-24	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	67.86	13.94
1-25	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	74.27	15.26
1-26	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	71.37	14.67
1-27	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	71.05	14.60
1-29	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	70.13	14.41
1-31	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	69.78	14.34
1-33	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	68.73	14.12
1-35	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	67.80	13.93
1-37	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	66.18	13.60
1-39	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	61.16	12.57
1-41	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	54.84	11.27
1-43	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	45.93	9.44
1-45	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	41.00	8.42
1-47	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	37.29	7.66
1-49	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	35.89	7.37
50-1	6.44	98.7	98.0	97.8	160.0	122.0	317.2	.531E+06	5.91	1.21

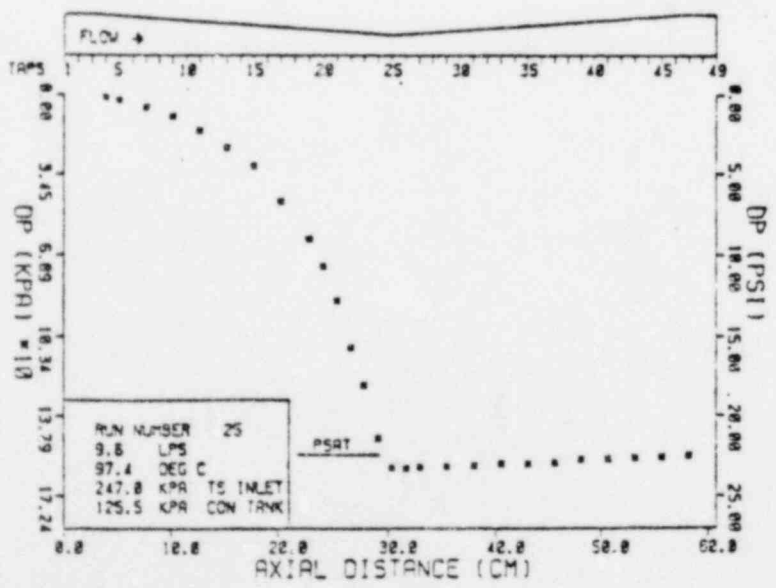


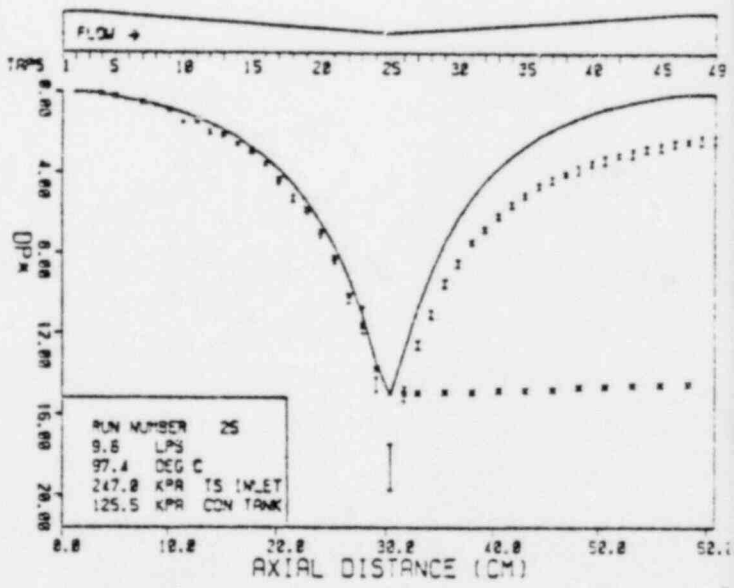


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 25

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	1.14	.11
1-5	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	2.25	.21
1-7	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	5.24	.50
1-9	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	9.31	.87
1-11	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	15.59	1.46
1-13	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	22.[illegible]	2.14
1-15	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	30.85	2.88
1-17	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	46.15	4.31
1-19	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	62.08	5.80
1-20	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	73.82	6.89
1-21	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	88.02	8.22
1-22	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	108.09	10.10
1-23	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	124.44	11.62
1-24	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	147.68	13.79
1-25	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	160.81	14.95
1-26	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	160.29	14.97
1-27	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	159.81	14.93
1-29	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	159.39	14.89
1-31	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	159.20	14.87
1-33	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	158.48	14.80
1-35	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	158.43	14.80
1-37	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	157.99	14.76
1-39	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	156.75	14.64
1-41	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	156.48	14.62
1-43	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	156.08	14.58
1-45	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	155.71	14.54
1-47	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	155.15	14.49
1-49	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	154.28	14.41
50-1	9.55	98.2	97.4	97.3	247.0	125.5	470.3	.783E+06	14.99	1.40

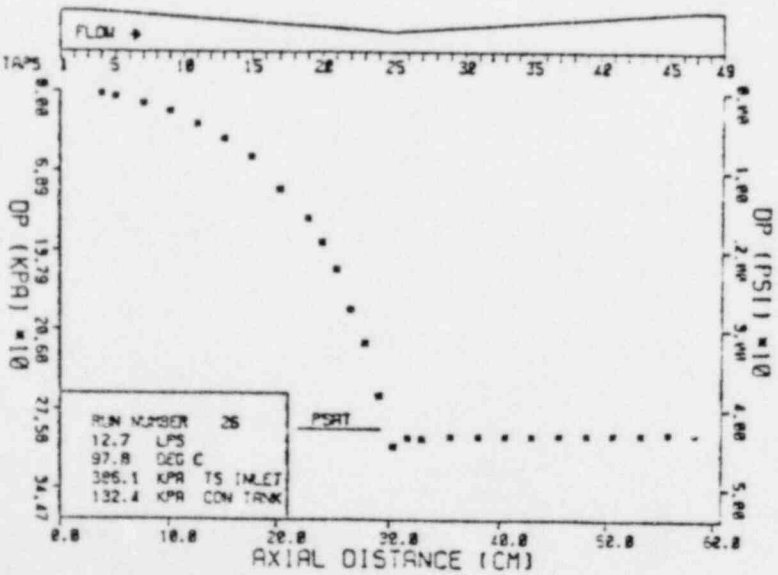


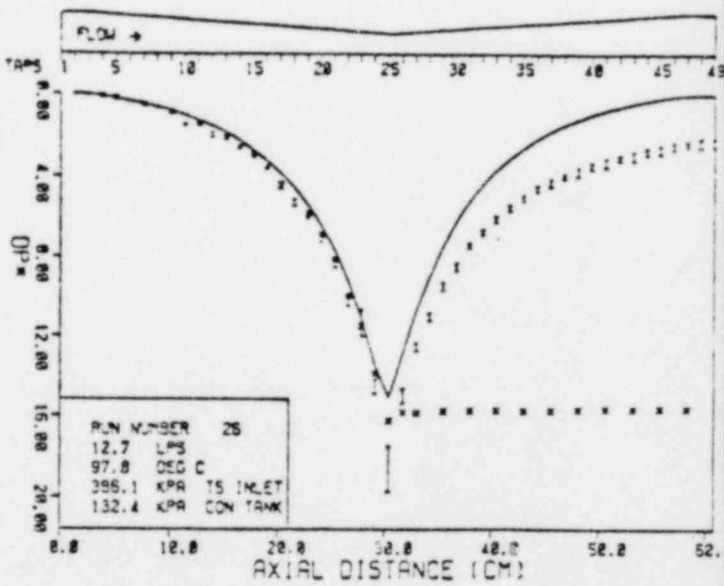


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 26

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.85E+07	2.18	.11
1-5	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.10SE+07	4.08	.22
1-7	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	9.97	.53
1-9	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	16.38	.86
1-11	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	27.41	1.45
1-13	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	40.23	2.12
1-15	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	56.24	2.97
1-17	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	84.25	4.44
1-19	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	109.41	5.77
1-20	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	130.22	6.87
1-21	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	153.77	8.11
1-22	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	189.02	9.97
1-23	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	218.18	11.51
1-24	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	263.39	13.89
1-25	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	307.60	16.22
1-26	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	299.96	15.82
1-27	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	300.60	15.85
1-29	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	298.98	15.77
1-31	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	298.94	15.77
1-33	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	298.59	15.75
1-35	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	298.68	15.75
1-37	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	298.30	15.73
1-39	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	297.75	15.70
1-41	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	297.36	15.68
1-43	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	297.43	15.69
1-45	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	296.36	15.63
1-47	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	296.48	15.64
1-49	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	294.85	15.55
50-1	12.71	98.6	97.8	97.7	386.1	132.4	626.0	.105E+07	26.66	1.42

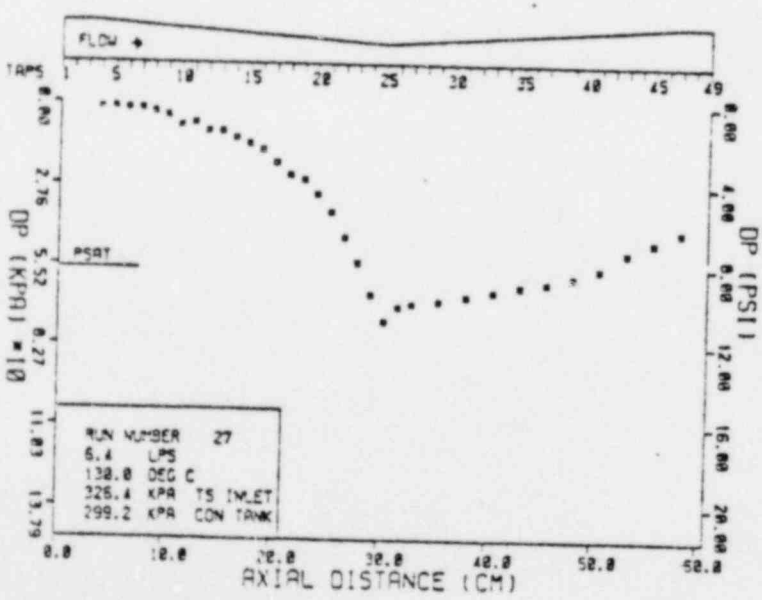


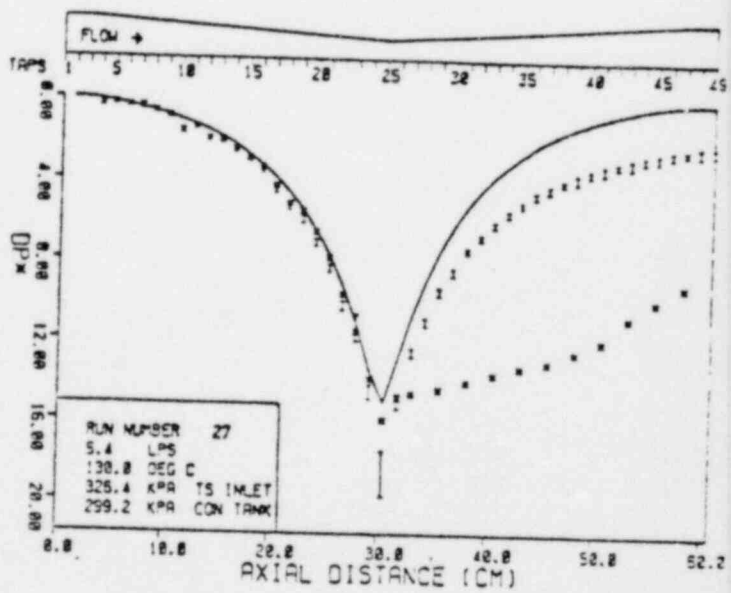


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 27

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	1.59	.34
1-5	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	1.20	.28
1-6	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	1.77	.38
1-7	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	1.84	.39
1-8	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	2.90	.62
1-9	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	4.01	.86
1-10	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	7.45	1.59
1-11	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	6.50	1.39
1-12	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	9.17	1.96
1-13	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	9.34	2.00
1-14	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	11.76	2.52
1-15	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	13.55	2.90
1-16	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	15.60	3.34
1-17	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	19.88	4.25
1-18	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	23.97	5.13
1-19	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	25.69	5.50
1-20	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	30.53	6.53
1-21	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	36.63	7.84
1-22	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	45.26	9.68
1-23	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	53.92	11.54
1-24	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	64.96	13.90
1-25	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	74.52	15.94
1-26	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	69.31	14.83
1-27	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	68.23	14.60
1-29	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	67.18	14.37
1-31	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	65.55	14.02
1-33	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	63.78	13.64
1-35	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	62.09	13.28
1-37	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	60.84	13.02
1-39	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	58.56	12.53
1-41	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	55.88	11.95
1-43	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	50.35	10.77
1-45	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	46.43	9.93
1-47	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	42.77	9.15
1-49	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	39.16	8.38
50-1	6.40	130.9	130.0	129.6	326.4	299.2	315.0	.687E+06	5.19	1.11

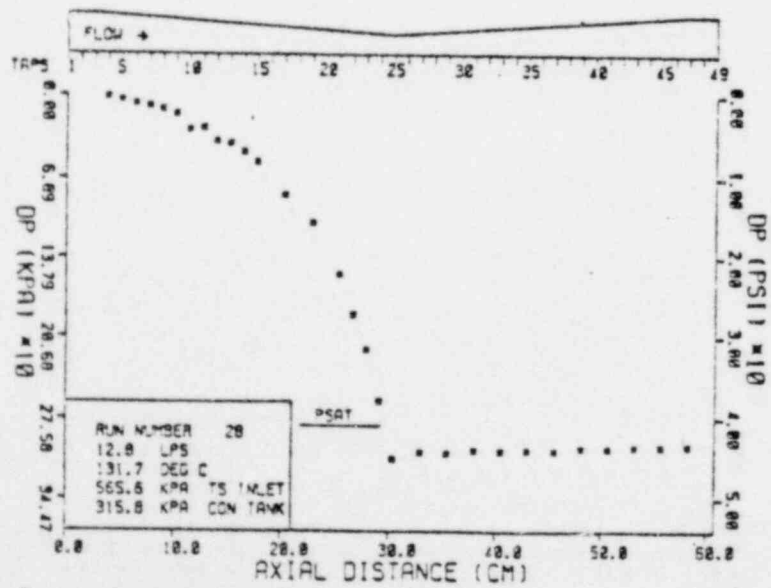


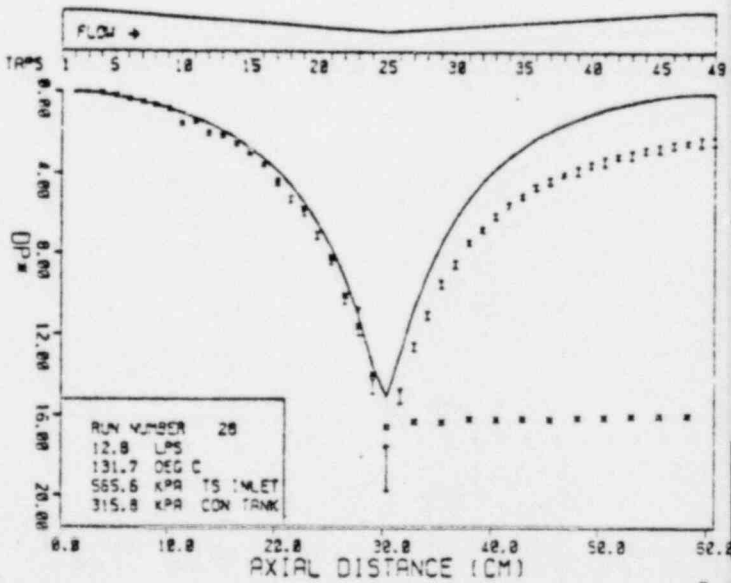


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 28

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	1.33	.07
1-5	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	3.63	.19
1-6	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	6.73	.36
1-7	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	9.01	.48
1-8	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	11.79	.63
1-9	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	15.47	.83
1-10	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	28.65	1.53
1-11	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	27.08	1.45
1-12	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	38.12	2.04
1-13	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	40.03	2.14
1-14	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	46.84	2.50
1-15	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	55.23	2.95
1-17	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	83.32	4.45
1-19	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	107.42	5.74
1-21	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	152.63	8.16
1-22	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	187.88	10.04
1-23	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	217.18	11.61
1-24	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	260.64	13.93
1-25	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	309.54	16.55
1-27	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	304.19	16.25
1-29	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	304.79	16.29
1-31	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	302.19	16.15
1-33	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	302.74	16.18
1-35	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	302.03	16.15
1-37	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	302.21	16.16
1-39	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	300.67	16.07
1-41	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	300.72	16.08
1-43	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	299.70	16.02
1-45	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	299.40	16.01
1-47	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	298.92	15.98
1-49	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	300.03	16.04
50-1	12.81	132.6	131.7	131.4	565.6	315.8	630.7	.139E+07	27.33	1.46

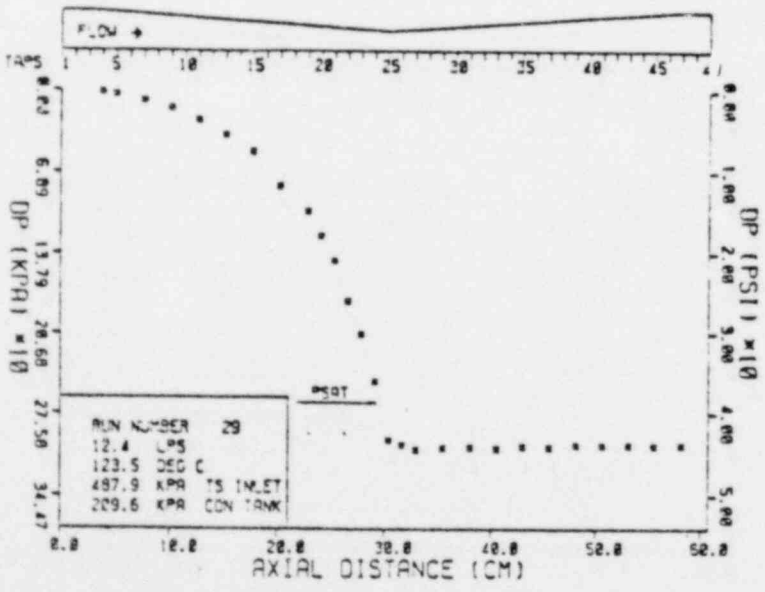


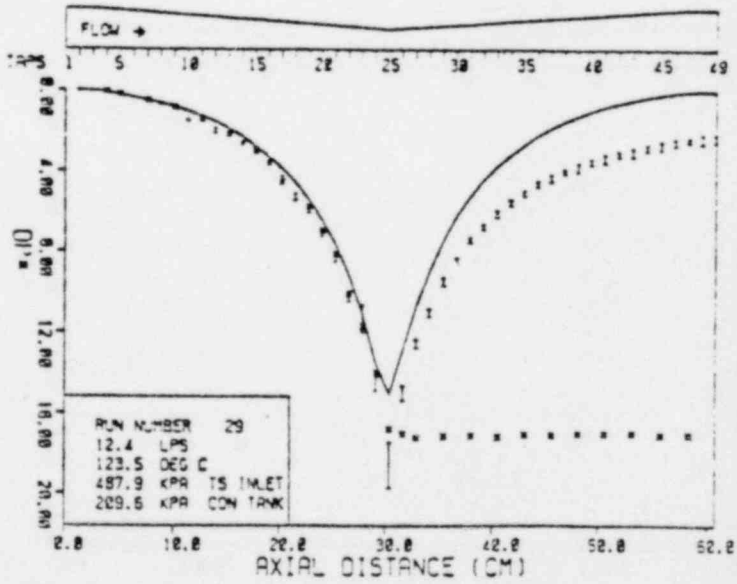


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 29

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	1.34	.08
1-5	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	3.52	.20
1-7	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	8.72	.49
1-9	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	14.72	.83
1-11	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	25.46	1.44
1-13	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	37.96	2.14
1-15	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	51.39	2.90
1-17	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	80.42	4.53
1-19	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	101.99	5.75
1-20	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	122.94	6.93
1-21	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	143.86	8.11
1-22	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	179.08	10.09
1-23	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	207.35	11.69
1-24	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	247.89	13.98
1-25	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	297.85	16.79
1-26	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.14	17.04
1-27	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	305.46	17.22
1-29	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	303.91	17.14
1-31	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	303.61	17.12
1-33	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	304.79	17.19
1-35	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.93	17.08
1-37	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	303.39	17.11
1-39	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	301.79	17.02
1-41	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.05	17.03
1-43	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	301.53	17.00
1-45	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.46	17.05
1-47	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.12	17.04
1-49	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	302.01	17.03
50-1	12.42	116.6	123.5	115.4	487.9	209.6	611.7	.127E+07	26.47	1.49

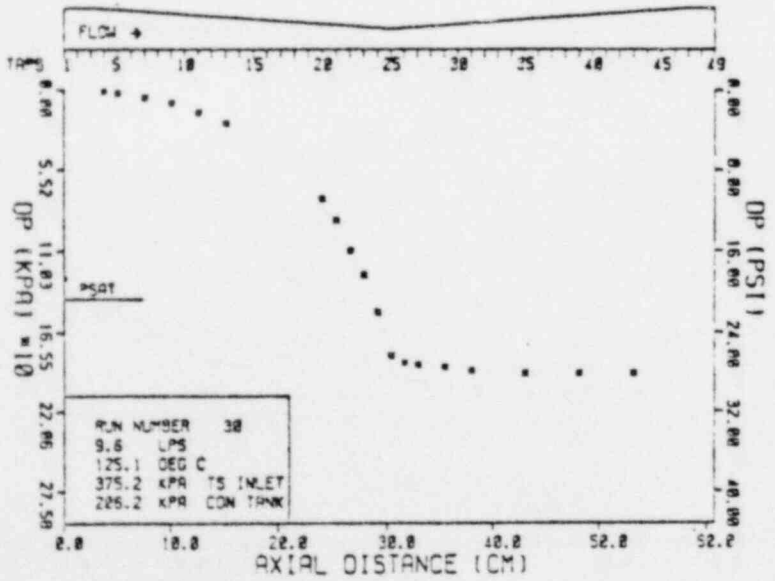


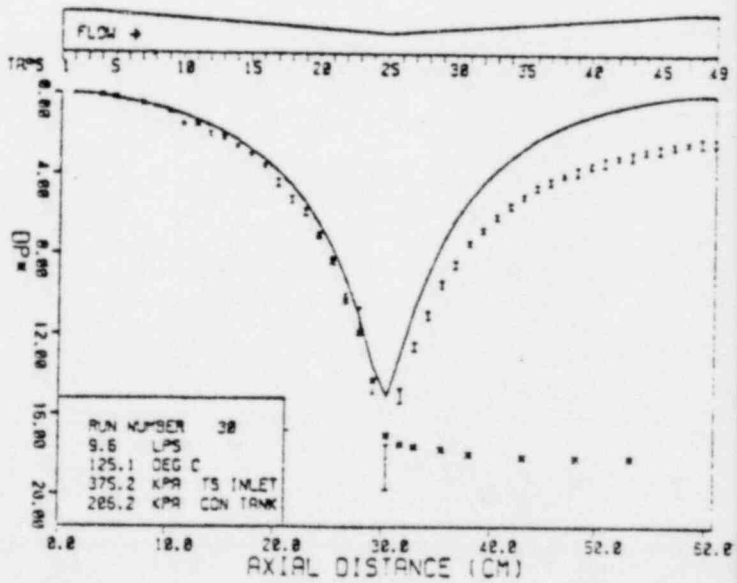


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 38

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	1.68	.18
1-5	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	2.17	.20
1-7	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	5.25	.49
1-9	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	9.22	.86
1-11	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	15.79	1.48
1-13	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	23.15	2.17
1-20	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	75.80	7.03
1-21	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	89.44	8.39
1-22	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	110.14	10.33
1-23	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	126.62	11.87
1-24	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	151.55	14.21
1-25	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	181.46	17.02
1-26	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	186.22	17.46
1-27	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	187.46	17.58
1-29	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	188.98	17.72
1-31	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	191.73	17.98
1-35	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	193.50	18.15
1-39	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	193.75	18.17
1-43	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	193.84	18.18
1-49	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	193.72	18.17
50-1	9.64	115.9	125.1	114.7	375.2	206.2	474.7	.999E+06	15.07	1.41

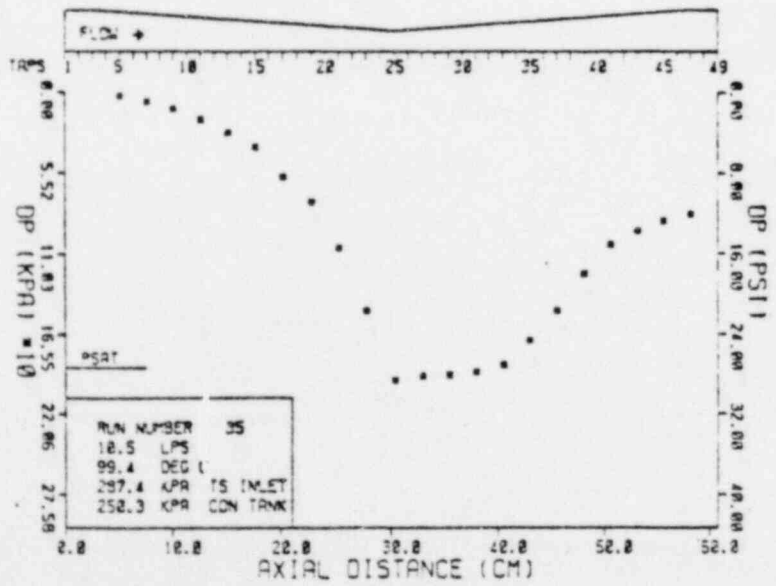


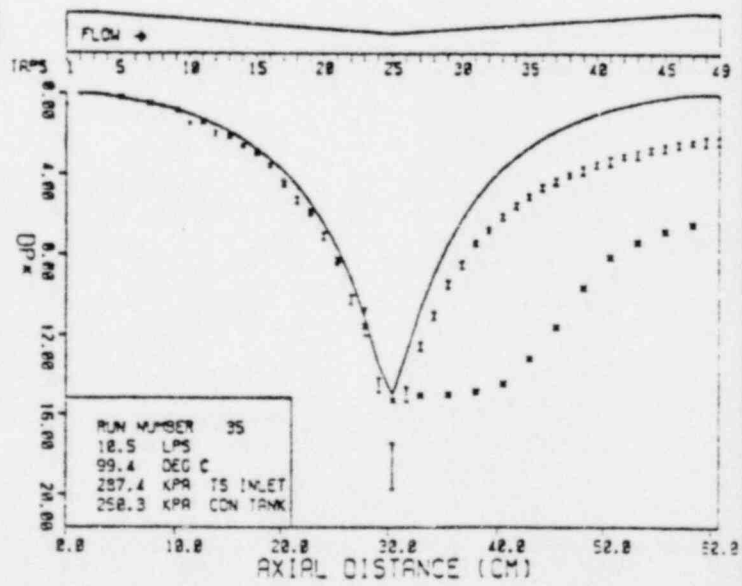


BWL FLASWING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 35

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	2.60	.70
1-7	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	6.32	.49
1-9	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	11.17	.87
1-11	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	18.41	1.43
1-13	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	27.23	2.11
1-15	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	37.09	2.88
1-17	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	57.50	4.46
1-19	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	74.81	5.81
1-21	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	106.25	8.25
1-23	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	148.86	11.56
1-25	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	197.05	15.30
1-27	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	194.09	15.07
1-29	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	193.61	15.03
1-31	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	191.61	14.87
1-33	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	186.57	14.48
1-35	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	169.89	13.19
1-37	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	149.13	11.58
1-39	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	124.84	9.69
1-41	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	104.18	8.09
1-43	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	94.80	7.36
1-45	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	87.98	6.83
1-47	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	80.36	6.47
1-49	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	82.60	6.41
50-1	10.49	96.6	99.4	99.2	287.4	250.3	516.3	.876E+06	18.06	1.40

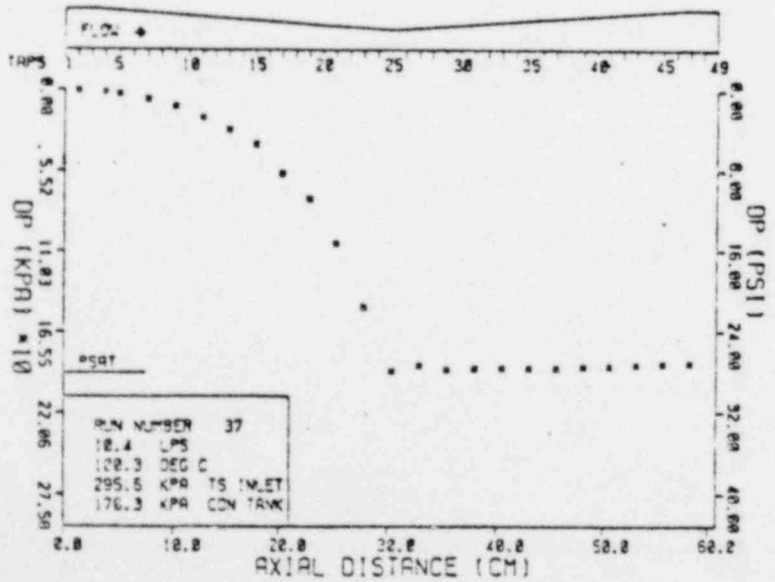


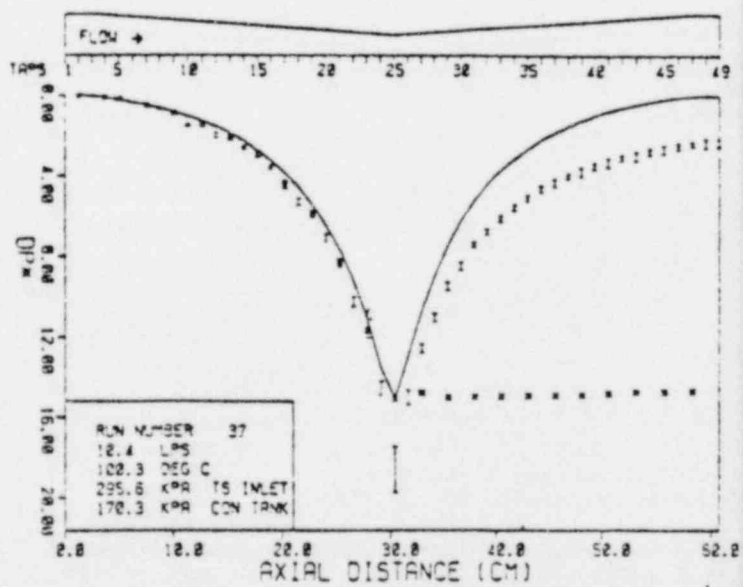


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 37

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	.55	.04
1-4	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	1.43	.11
1-5	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	2.68	.21
1-7	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	6.36	.50
1-9	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	11.03	.86
1-11	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	18.75	1.47
1-13	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	26.96	2.11
1-15	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	36.75	2.88
1-17	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	57.09	4.47
1-19	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	74.46	5.83
1-21	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	105.08	8.23
1-23	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	148.72	11.65
1-25	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	192.64	15.09
1-27	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	188.92	14.80
1-29	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	191.68	15.02
1-31	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	191.19	14.98
1-33	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	190.64	14.94
1-35	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	190.37	14.91
1-37	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	190.38	14.91
1-39	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	189.81	14.87
1-41	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	189.26	14.83
1-43	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	188.23	14.75
1-45	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	187.95	14.72
1-47	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	187.40	14.68
1-49	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	185.95	14.57
50-1	10.44	97.4	100.3	100.0	295.6	170.3	514.2	.879E+06	18.06	1.42

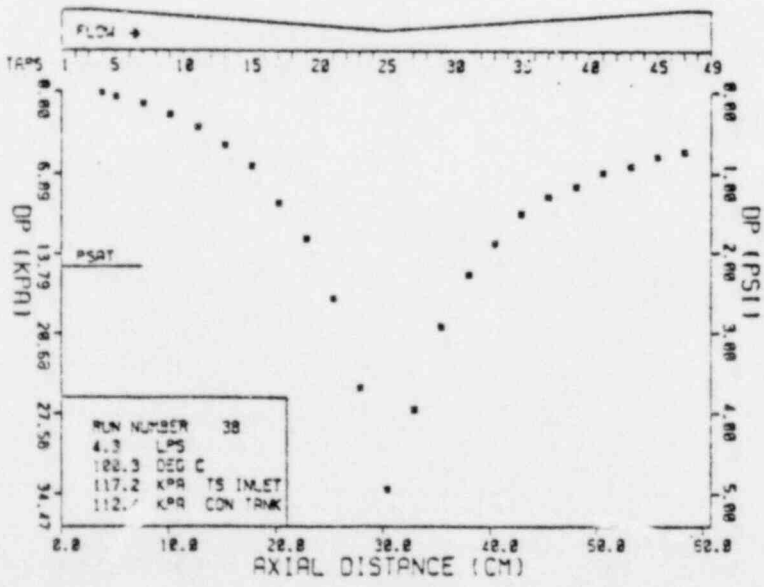


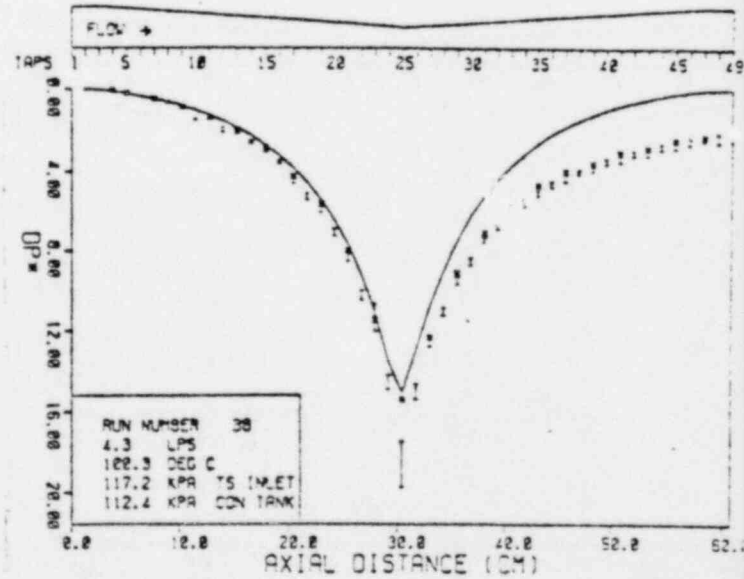


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 38

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	.14	.06
1-5	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	.46	.21
1-7	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	1.04	.47
1-9	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	1.90	.86
1-11	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	2.98	1.35
1-13	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	4.48	2.03
1-15	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	6.25	2.82
1-17	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	9.38	4.24
1-19	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	12.48	5.64
1-21	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	17.65	7.98
1-23	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	25.37	11.47
1-25	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	34.06	15.40
1-27	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	27.23	12.31
1-29	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	20.13	9.10
1-31	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	15.65	7.08
1-33	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	12.89	5.83
1-35	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	10.34	4.68
1-37	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	8.80	3.99
1-39	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	8.00	3.62
1-41	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	6.83	3.09
1-43	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	6.27	2.84
1-45	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	5.45	2.46
1-47	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	5.03	2.28
1-49	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	5.10	2.31
50-1	4.35	93.3	100.3	99.8	117.2	112.4	214.0	.366E+06	2.76	1.25

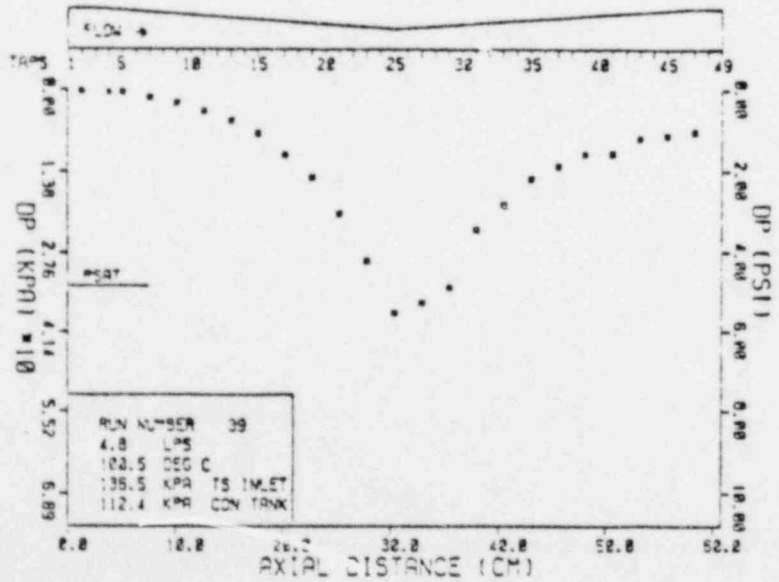


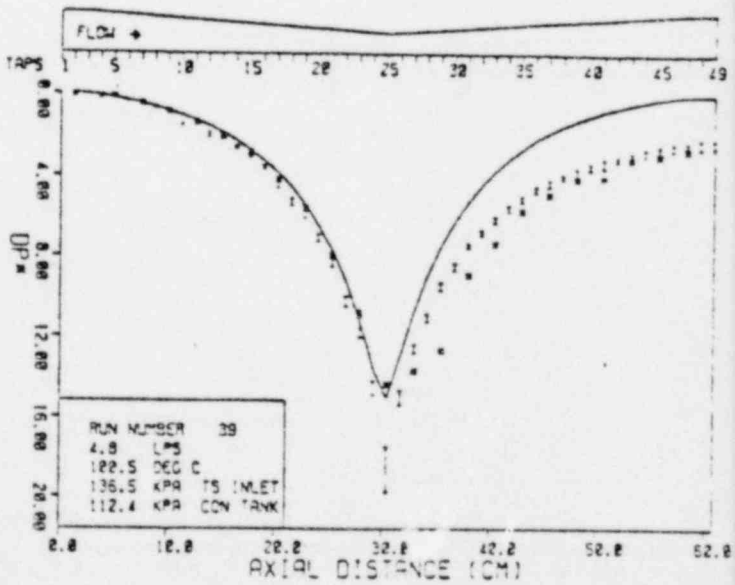


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 39

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	4.76	93.6	18[illegible]	100.1	136.5	112.4	234.6	.402E+06	.21	.08
1-4	4.76	93.6	100.[illegible]	100.1	[illegible]	112.4	234.6	.402E+06	.41	.16
1-5	4.76	93.6	100.5	100.1	[illegible]	112.4	234.6	.402E+06	.43	.16
1-7	4.76	93.6	100.5	[illegible]	[illegible]	112.4	234.6	.402E+06	1.29	.49
1-9	4.76	93.6	100.5	100.1	[illegible]	112.4	234.6	.402E+06	2.25	.85
1-11	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	3.58	1.35
1-13	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	5.39	2.03
1-15	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	7.45	2.80
1-17	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	11.03	4.15
1-19	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	14.75	5.56
1-21	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	20.96	7.89
1-23	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	28.96	10.90
1-25	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	38.13	14.36
1-27	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	36.34	13.68
1-29	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	33.65	12.67
1-31	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	23.72	8.93
1-33	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	19.44	7.32
1-35	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	15.10	5.69
1-37	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	12.96	4.88
1-39	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	10.89	4.10
1-41	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	10.82	4.08
1-43	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	8.20	3.09
1-45	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	7.79	2.93
1-47	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	7.10	2.67
1-49	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	6.89	2.60
50-1	4.76	93.6	100.5	100.1	136.5	112.4	234.6	.402E+06	3.10	1.17

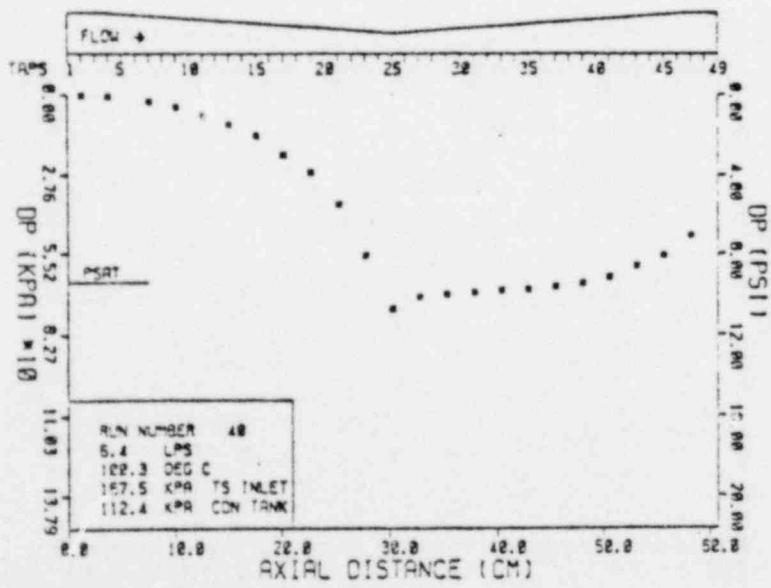


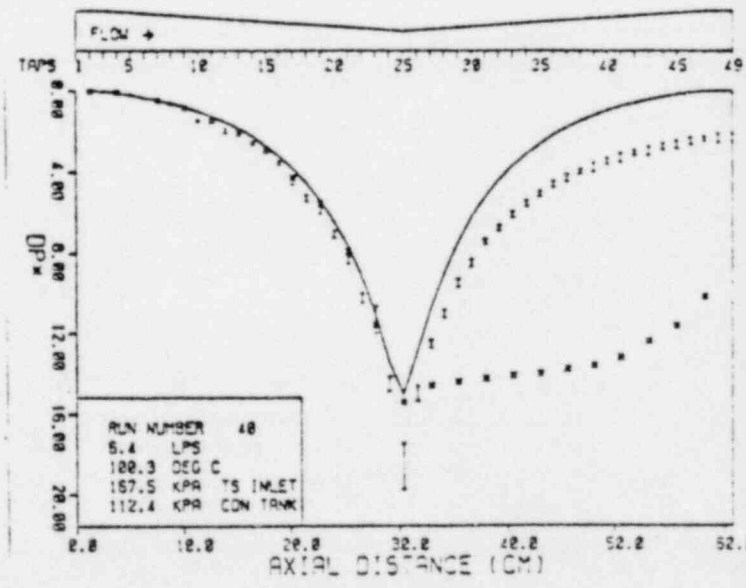


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 40

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	.16	.04
1-4	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	.42	.09
1-7	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	2.32	.48
1-9	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	4.10	.86
1-11	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	7.03	1.47
1-13	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	9.93	2.08
1-15	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	13.79	2.88
1-17	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	20.48	4.28
1-19	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	26.48	5.54
1-21	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	37.78	7.90
1-23	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	55.58	11.61
1-25	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	73.84	15.44
1-27	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	69.91	14.62
1-29	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	69.02	14.43
1-31	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	68.26	14.27
1-33	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	67.64	14.15
1-35	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	67.16	14.04
1-37	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	66.12	13.83
1-39	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	65.22	13.64
1-41	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	63.29	13.24
1-43	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	59.43	12.43
1-45	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	55.71	11.65
1-47	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	48.75	10.19
1-49	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	44.40	9.20
50-1	6.39	95.6	100.3	100.0	167.5	112.4	314.7	.539E+06	5.52	1.15

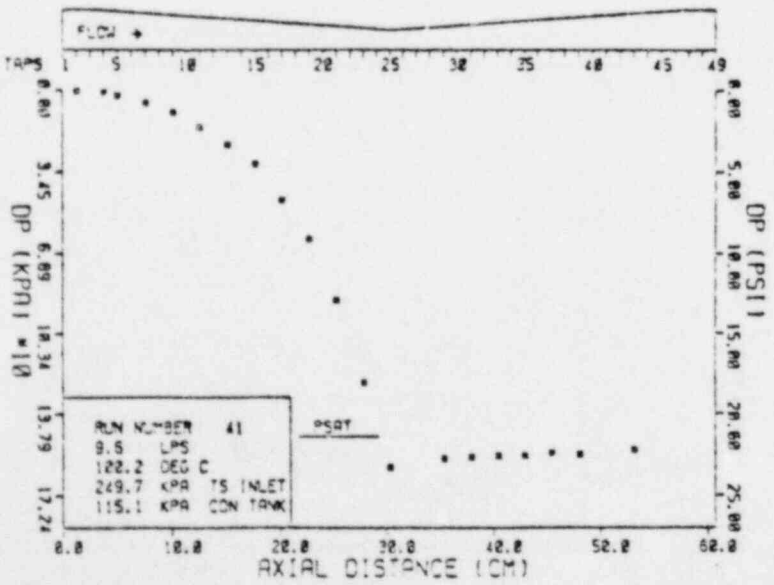


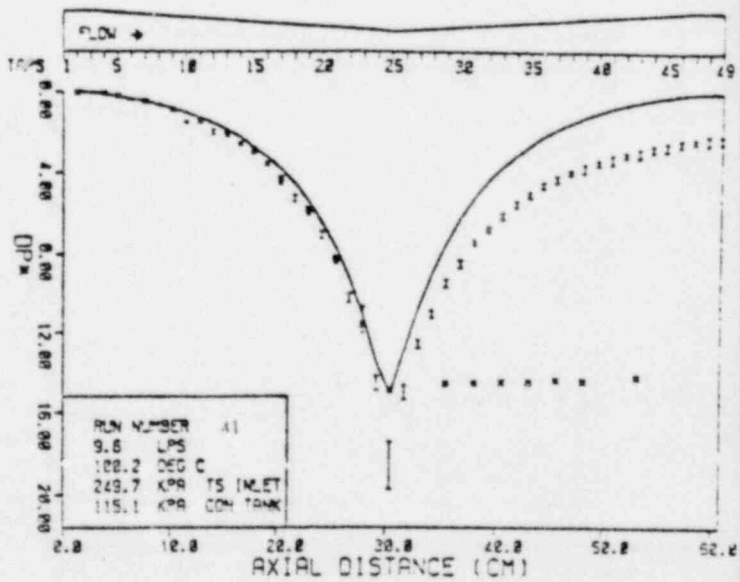


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 41

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	.06	.03
1-4	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	.97	.09
1-5	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	2.16	.20
1-7	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	5.25	.49
1-9	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	9.38	.87
1-11	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	15.65	1.45
1-13	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	22.96	2.13
1-15	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	30.96	2.87
1-17	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	46.26	4.29
1-19	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	62.60	5.81
1-21	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	89.01	8.26
1-23	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	124.80	11.58
1-25	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	160.65	14.90
1-29	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	156.99	14.56
1-31	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	156.58	14.52
1-33	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	156.03	14.47
1-35	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	155.89	14.46
1-37	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	154.72	14.35
1-39	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	155.24	14.41
1-43	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	153.41	14.23
1-49	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	153.06	14.20
50-1	9.60	96.9	100.2	99.8	249.7	115.1	472.5	.808E+06	15.10	1.40

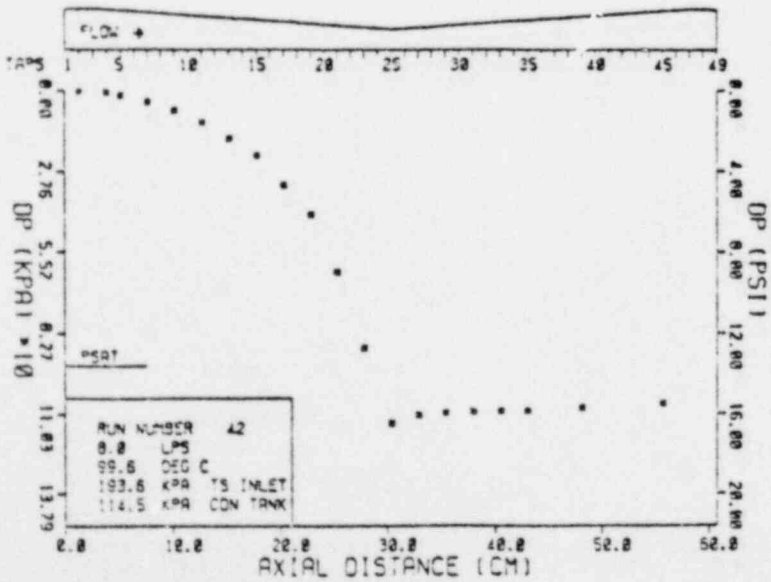


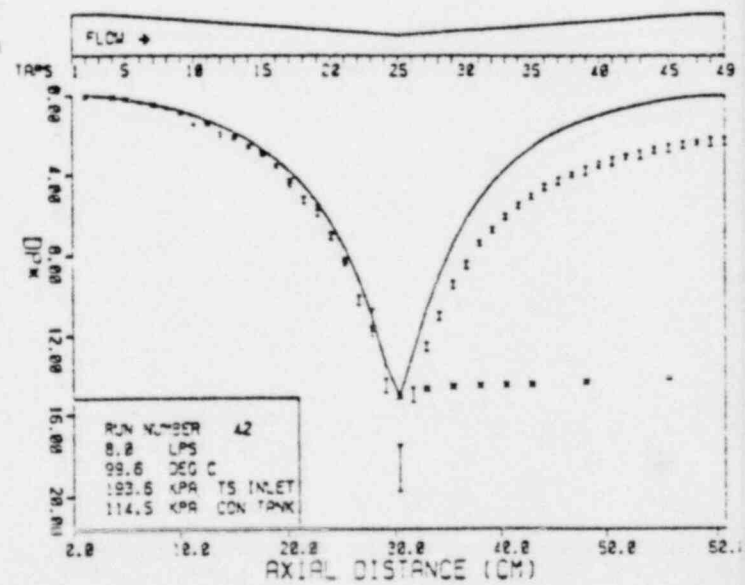


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 42

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	.28	.04
1-4	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	.75	.10
1-5	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	1.65	.22
1-7	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	3.66	.49
1-9	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	6.56	.87
1-11	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	10.76	1.43
1-13	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	16.06	2.14
1-15	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	21.93	2.92
1-17	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	32.27	4.29
1-19	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	42.47	5.65
1-21	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	61.92	8.23
1-23	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	87.78	11.66
1-25	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	113.49	15.09
1-27	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	110.73	14.72
1-29	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	109.83	14.61
1-31	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	109.42	14.55
1-33	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	109.21	14.52
1-35	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	109.01	14.50
1-39	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	107.97	14.36
1-45	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	106.59	14.17
1-49	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	104.66	13.92
50-1	8.01	95.7	99.6	99.4	193.6	114.5	394.5	.671E+06	6.34	.84

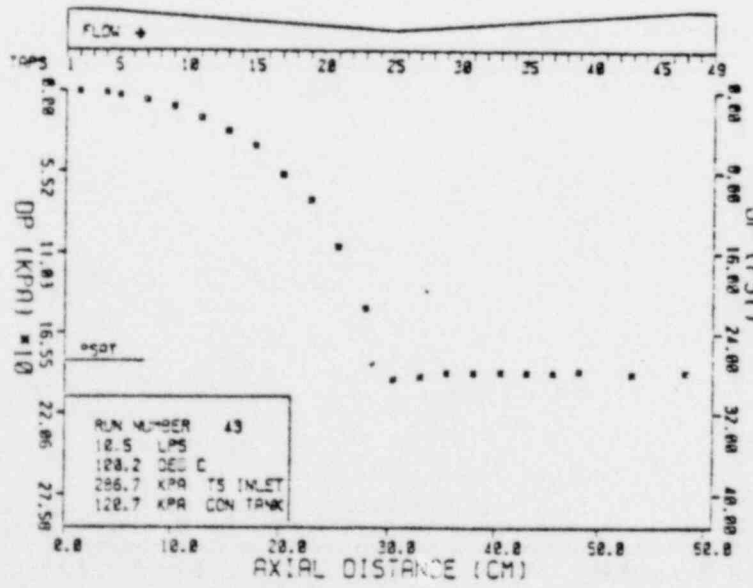


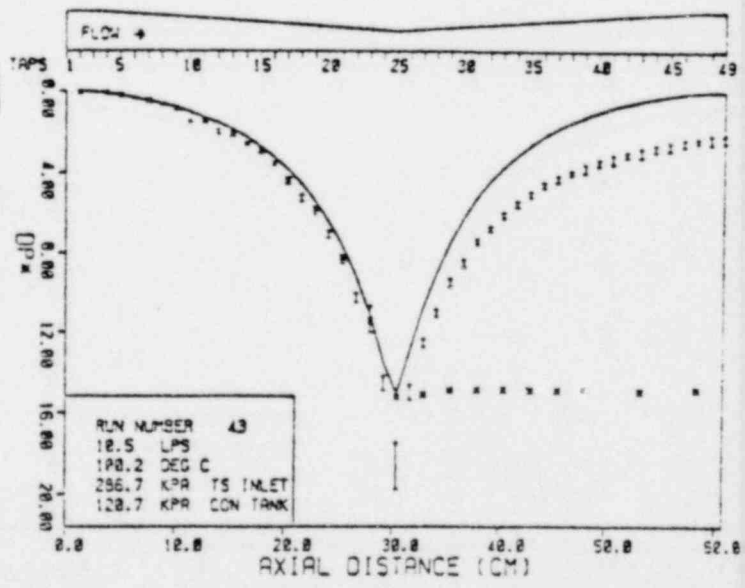


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 43

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	.47	.04
1-4	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	1.40	.11
1-5	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	2.90	.22
1-7	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	6.39	.49
1-9	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	11.18	.86
1-11	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	18.82	1.46
1-13	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	27.44	2.12
1-15	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	37.09	2.87
1-17	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	57.23	4.42
1-19	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	74.81	5.78
1-21	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	106.04	8.20
1-23	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	147.82	11.43
1-25	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	197.19	15.24
1-27	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	195.54	15.12
1-29	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.78	14.90
1-31	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.50	14.88
1-33	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.23	14.86
1-35	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.85	14.91
1-37	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.78	14.90
1-39	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	191.74	14.82
1-43	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	193.47	14.96
1-47	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.50	14.88
1-49	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	192.09	14.85
50-1	10.51	97.2	100.2	99.9	286.7	120.7	517.6	.884E+06	18.06	1.40

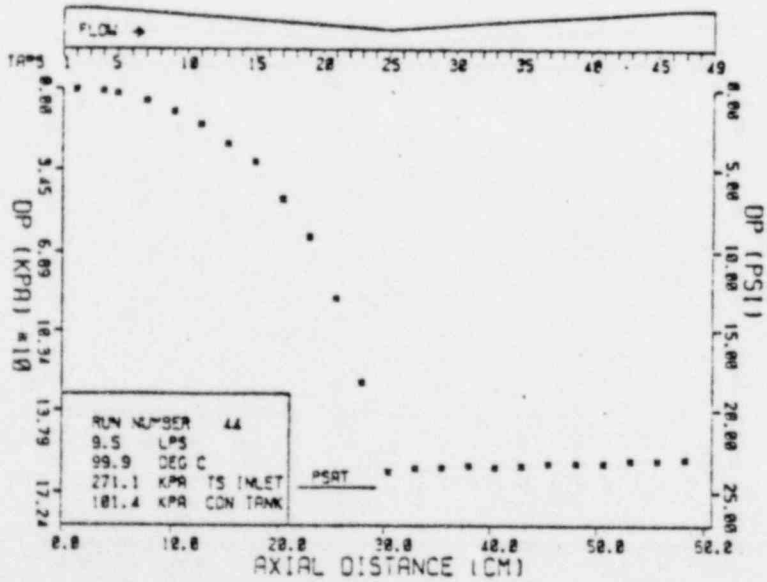


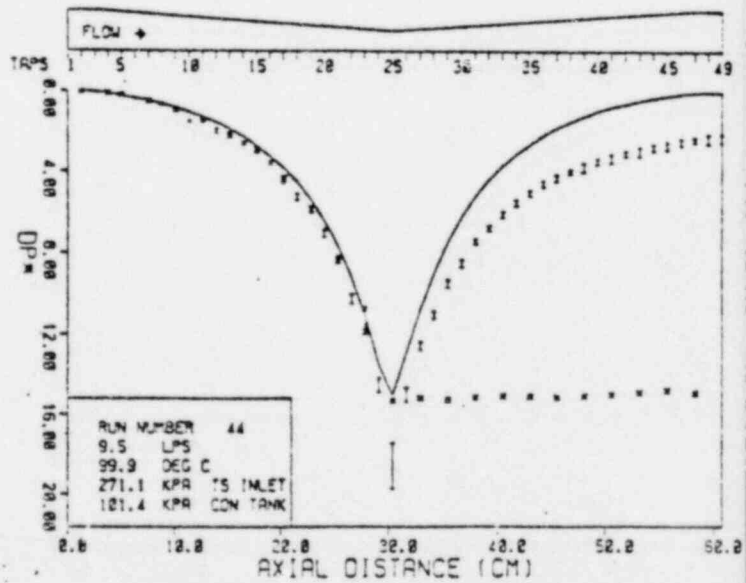


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 44

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.53	97.0	99.9	99.9	271.1	101.4	469.0	.799E+06	.28	.04
1-4	9.53	97.0	99.9	99.9	271.1	101.4	469.0	.799E+06	1.07	.10
1-5	9.53	97.0	99.9	99.9	271.1	101.4	469.1	.799E+06	1.99	.19
1-7	9.52	97.0	99.9	99.9	271.1	101.4	469.0	.799E+06	5.24	.49
1-9	9.51	97.0	99.9	99.9	271.1	101.4	468.0	.798E+06	9.74	.92
1-11	9.54	97.0	99.8	99.9	271.1	101.4	469.7	.800E+06	15.51	1.46
1-13	9.54	97.0	99.9	99.9	271.1	101.4	469.6	.800E+06	23.62	2.22
1-15	9.56	97.0	99.9	99.9	271.1	101.4	470.7	.802E+06	31.14	2.91
1-17	9.58	97.0	99.9	99.9	271.1	101.4	471.6	.803E+06	46.84	4.36
1-19	9.56	97.0	99.9	99.9	271.1	101.4	470.7	.802E+06	62.92	5.88
1-21	9.53	97.0	99.9	99.9	271.1	101.4	469.0	.799E+06	89.14	8.38
1-23	9.52	97.0	99.9	99.9	271.1	101.4	468.8	.799E+06	125.82	11.65
1-25	9.55	97.0	99.9	99.9	271.1	101.4	470.2	.801E+06	163.56	15.31
1-27	9.55	97.0	99.9	99.9	271.1	101.4	470.3	.801E+06	162.19	15.18
1-29	9.52	97.0	99.9	99.9	271.1	101.4	468.9	.799E+06	161.96	15.25
1-31	9.54	97.0	99.9	99.9	271.1	101.4	469.9	.800E+06	161.35	15.13
1-33	9.58	97.0	99.9	99.9	271.1	101.4	471.6	.803E+06	161.97	15.08
1-35	9.56	97.0	99.9	99.9	271.1	101.4	470.7	.802E+06	161.28	15.09
1-37	9.52	97.0	99.9	99.9	271.1	101.4	468.8	.799E+06	160.47	15.12
1-39	9.53	97.0	99.9	99.9	271.1	101.4	469.5	.800E+06	160.36	15.06
1-41	9.55	97.0	99.9	99.9	271.1	101.4	470.3	.801E+06	160.29	15.00
1-43	9.54	97.0	99.9	99.9	271.1	101.4	469.9	.800E+06	158.87	14.90
1-45	9.57	97.0	99.9	99.9	271.1	101.4	471.4	.803E+06	158.96	14.91
1-47	9.52	97.0	99.9	99.9	271.1	101.4	468.6	.798E+06	158.22	14.93
1-49	9.54	97.0	99.9	99.9	271.1	101.4	469.9	.801E+06	157.55	14.77
50-1	9.54	97.0	99.9	100.0	271.1	101.4	469.7	.800E+06	15.02	1.41

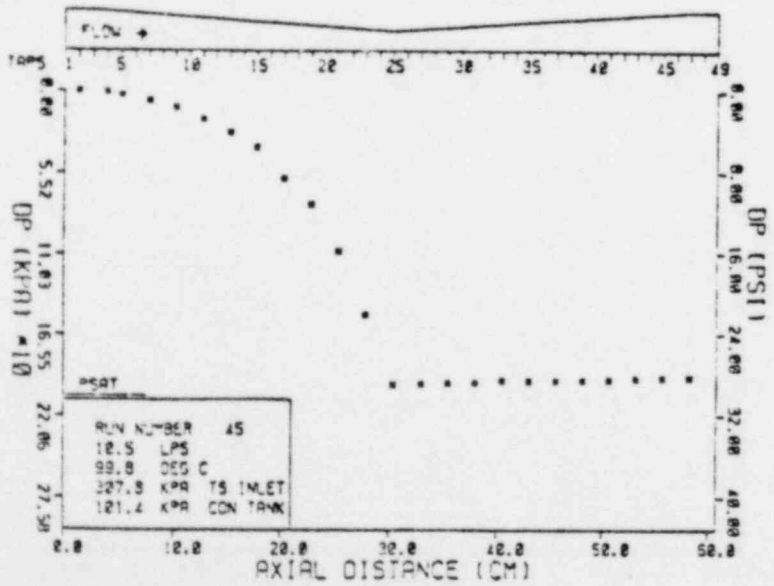


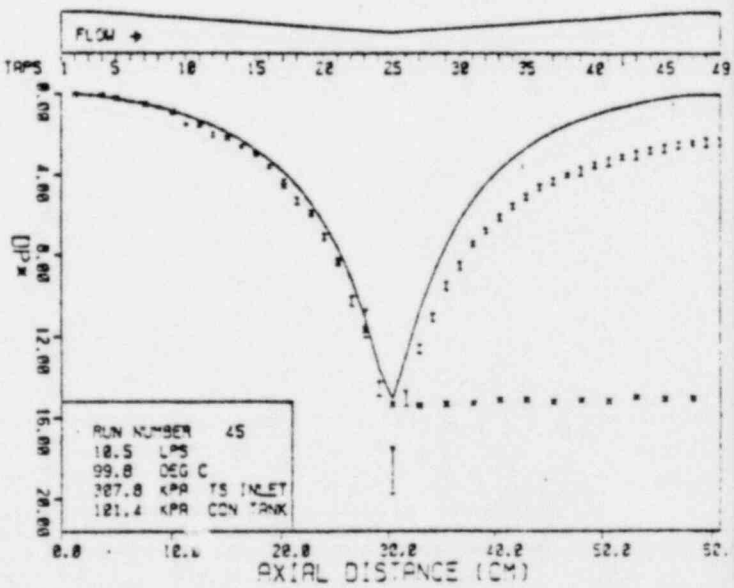


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 45

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	10.52	97.5	100.1	100.1	307.8	101.4	518.0	.884E+06	.13	.01
1-4	10.51	97.5	100.1	100.1	307.8	101.4	517.6	.883E+06	.91	.07
1-5	10.55	97.5	100.1	100.1	307.8	101.4	519.3	.886E+06	2.59	.20
1-7	10.54	97.5	100.1	100.1	307.8	101.4	518.8	.886E+06	6.58	.51
1-9	10.53	97.5	100.0	100.1	307.8	101.4	518.7	.885E+06	11.41	.88
1-11	10.50	97.5	100.0	100.1	307.8	101.4	517.1	.882E+06	19.39	1.50
1-13	10.51	97.5	100.0	100.1	307.8	101.4	517.6	.883E+06	27.78	2.15
1-15	10.52	97.5	100.0	100.0	307.8	101.4	518.0	.883E+06	37.71	2.91
1-17	10.50	97.4	100.0	100.0	307.8	101.4	517.2	.882E+06	58.70	4.54
1-19	10.55	97.4	99.9	100.0	307.8	101.4	519.5	.885E+06	76.11	5.84
1-21	10.53	97.4	99.9	100.0	307.8	101.4	518.5	.884E+06	107.09	8.22
1-23	10.55	97.4	99.9	100.0	307.8	101.4	519.3	.885E+06	151.76	11.65
1-25	10.55	97.4	99.9	100.0	307.8	101.4	519.4	.885E+06	199.28	15.30
1-27	10.50	97.4	99.9	99.9	307.8	101.4	517.2	.881E+06	198.83	15.39
1-29	10.51	97.3	99.9	99.9	307.8	101.4	517.4	.881E+06	197.91	15.30
1-31	10.52	97.3	99.9	99.9	307.8	101.4	517.9	.882E+06	198.04	15.29
1-33	10.54	97.3	99.8	99.9	307.8	101.4	518.9	.884E+06	196.72	15.12
1-35	10.55	97.3	99.8	99.9	307.8	101.4	519.6	.885E+06	197.02	15.11
1-37	10.51	97.3	99.8	99.9	307.8	101.4	517.6	.881E+06	196.64	15.19
1-39	10.53	97.3	99.8	99.9	307.8	101.4	518.3	.882E+06	196.14	15.12
1-41	10.50	97.3	99.8	99.9	307.8	101.4	517.1	.880E+06	195.69	15.15
1-43	10.55	97.2	99.8	99.9	307.8	101.4	519.6	.885E+06	195.00	14.95
1-45	10.51	97.2	99.8	99.9	307.8	101.4	517.4	.881E+06	194.79	15.06
1-47	10.52	97.3	99.8	99.9	307.8	101.4	518.2	.882E+06	194.69	15.01
1-49	10.55	97.3	99.8	99.9	307.8	101.4	519.4	.884E+06	194.14	14.90
50-1	10.54	97.3	99.8	99.9	307.8	101.4	519.0	.884E+06	18.34	1.41

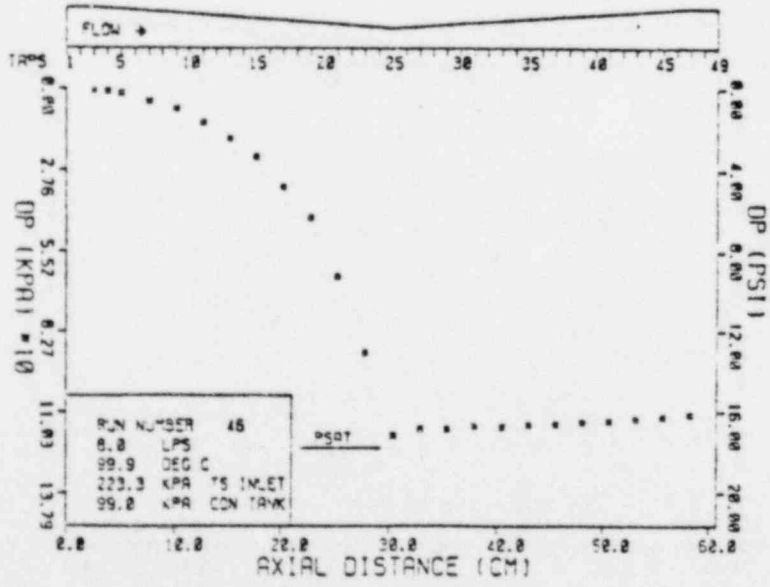


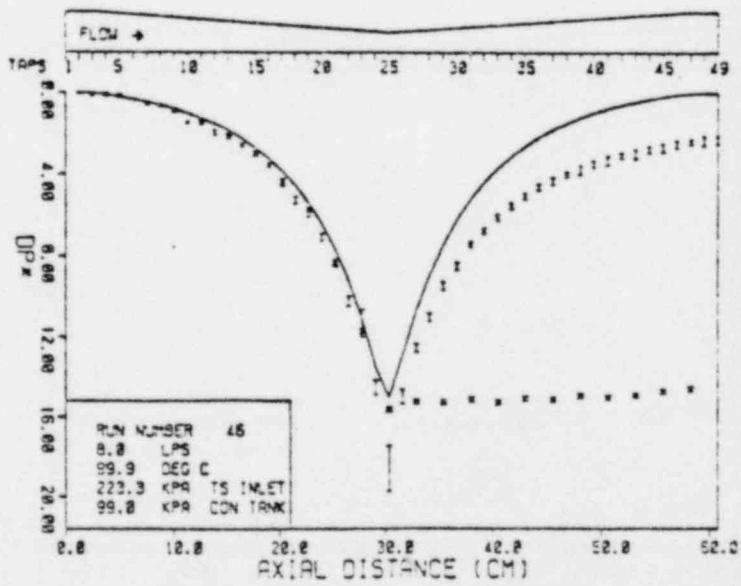


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 46

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CK SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	8.09	96.3	99.8	99.9	223.3	99.8	398.3	.678E+06	.72	.09
1-4	8.85	96.3	99.8	99.9	223.3	99.8	396.4	.675E+06	.88	.12
1-5	8.06	96.3	99.8	99.8	223.3	99.8	397.0	.676E+06	1.54	.20
1-7	8.04	96.3	99.8	99.8	223.3	99.8	395.8	.674E+06	4.23	.56
1-9	8.05	96.3	99.8	99.8	223.3	99.8	396.2	.674E+06	6.76	.89
1-11	8.03	96.3	99.8	99.8	223.3	99.8	395.5	.673E+06	11.28	1.49
1-13	8.07	96.3	99.8	99.8	223.3	99.8	397.3	.676E+06	16.65	2.19
1-15	8.06	96.3	99.8	99.8	223.3	99.8	396.7	.675E+06	22.84	3.00
1-17	8.05	96.3	99.8	99.8	223.3	99.8	396.4	.675E+06	33.15	4.37
1-19	8.04	96.3	99.8	99.8	223.3	99.8	395.8	.674E+06	43.52	5.75
1-21	8.07	96.3	99.8	99.8	223.3	99.8	397.6	.677E+06	63.66	8.34
1-23	8.10	96.3	99.8	99.8	223.3	99.8	398.8	.679E+06	90.02	11.72
1-25	8.04	96.3	99.8	99.8	223.3	99.8	395.7	.674E+06	118.26	15.63
1-27	8.06	96.3	99.8	99.9	223.3	99.8	397.1	.676E+06	116.17	15.25
1-29	8.05	96.3	99.8	99.8	223.3	99.8	396.5	.675E+06	116.07	15.29
1-31	8.06	96.3	99.8	99.9	223.3	99.8	396.9	.676E+06	115.19	15.14
1-33	8.83	96.3	99.8	99.9	223.3	99.8	395.6	.674E+06	115.45	15.27
1-35	8.06	96.3	99.8	99.9	223.3	99.8	397.8	.676E+06	114.73	15.07
1-37	8.04	96.3	99.8	99.9	223.3	99.8	395.9	.674E+06	114.46	15.12
1-39	8.06	96.3	99.8	99.9	223.3	99.8	397.8	.676E+06	113.74	14.94
1-41	8.03	96.3	99.9	99.9	223.3	99.8	395.2	.673E+06	113.24	15.01
1-43	8.02	96.3	99.9	99.9	223.3	99.8	395.1	.673E+06	112.40	14.91
1-45	8.05	96.3	99.9	99.9	223.3	99.8	396.5	.675E+06	111.78	14.72
1-47	8.06	96.3	99.9	99.9	223.3	99.8	397.8	.676E+06	111.13	14.60
1-49	8.07	96.4	99.9	99.9	223.3	99.8	397.3	.677E+06	110.81	14.53
50-1	8.03	96.3	99.9	99.9	223.3	99.8	395.2	.674E+06	10.40	1.38

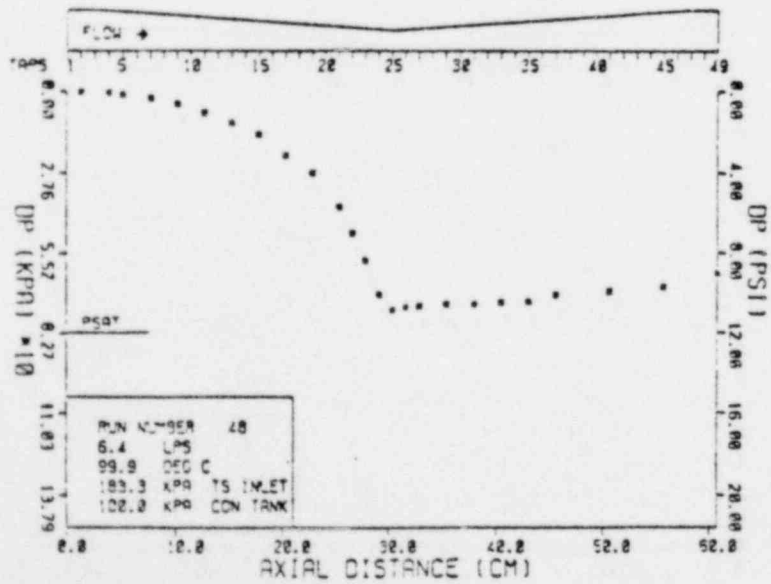


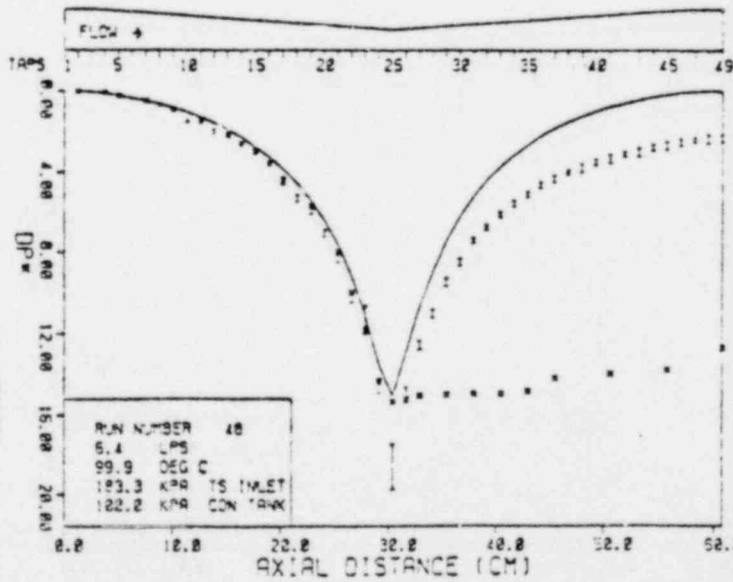


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 48

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.43	95.3	99.7	99.8	183.3	100.0	316.7	.539E+06	.10	.02
1-4	6.47	95.2	99.8	99.8	183.3	100.0	318.4	.542E+06	.39	.08
1-5	6.44	95.3	99.8	99.8	183.3	100.0	317.0	.540E+06	1.14	.24
1-7	6.42	95.2	99.8	99.8	183.3	100.0	315.9	.536E+06	2.30	.48
1-9	6.44	95.2	99.8	99.8	183.3	100.0	317.1	.540E+06	4.27	.88
1-11	6.45	95.3	99.8	99.8	183.3	100.0	317.5	.541E+06	7.16	1.47
1-13	6.43	95.3	99.8	99.8	183.3	100.0	316.5	.539E+06	10.48	2.17
1-15	6.45	95.3	99.8	99.8	183.3	100.0	317.4	.540E+06	14.39	2.96
1-17	6.45	95.3	99.8	99.8	183.3	100.0	317.8	.541E+06	21.50	4.41
1-19	6.42	95.3	99.9	99.8	183.3	100.0	316.1	.538E+06	27.51	5.70
1-21	6.45	95.3	99.9	99.9	183.3	100.0	317.8	.541E+06	39.15	8.03
1-23	6.41	95.3	99.9	99.9	183.3	100.0	315.7	.538E+06	48.13	10.00
1-23	6.44	95.3	99.9	99.9	183.3	100.0	317.3	.541E+06	57.44	11.81
1-24	6.42	95.3	99.9	99.9	183.3	100.0	316.1	.539E+06	60.29	14.35
1-25	6.45	95.3	99.9	99.9	183.3	100.0	317.6	.541E+06	74.78	15.34
1-26	6.42	95.3	99.9	99.9	183.3	100.0	316.4	.539E+06	73.69	15.24
1-27	6.45	95.3	99.9	99.9	183.3	100.0	317.7	.541E+06	73.38	15.05
1-29	6.41	95.3	99.9	99.9	183.3	100.0	317.1	.540E+06	72.95	15.02
1-31	6.44	95.3	99.9	99.9	183.3	100.0	317.3	.541E+06	72.81	14.97
1-33	6.42	95.3	99.9	99.9	183.3	100.0	315.9	.538E+06	72.13	14.96
1-35	6.44	95.3	99.9	99.9	183.3	100.0	316.9	.540E+06	71.89	14.82
1-37	6.47	95.3	99.9	99.9	183.3	100.0	318.7	.543E+06	69.51	14.17
1-41	6.47	95.3	99.9	99.9	183.3	100.0	318.4	.542E+06	68.45	13.98
1-45	6.43	95.3	99.9	99.9	183.3	100.0	316.8	.540E+06	66.85	13.79
1-49	6.47	95.3	99.9	99.9	183.3	100.0	318.8	.543E+06	62.19	12.67
1-47	6.43	95.3	99.9	99.9	183.3	100.0	316.8	.540E+06	64.93	13.29
50-1	6.43	95.3	99.9	99.9	183.3	100.0	316.5	.539E+06	6.35	1.31

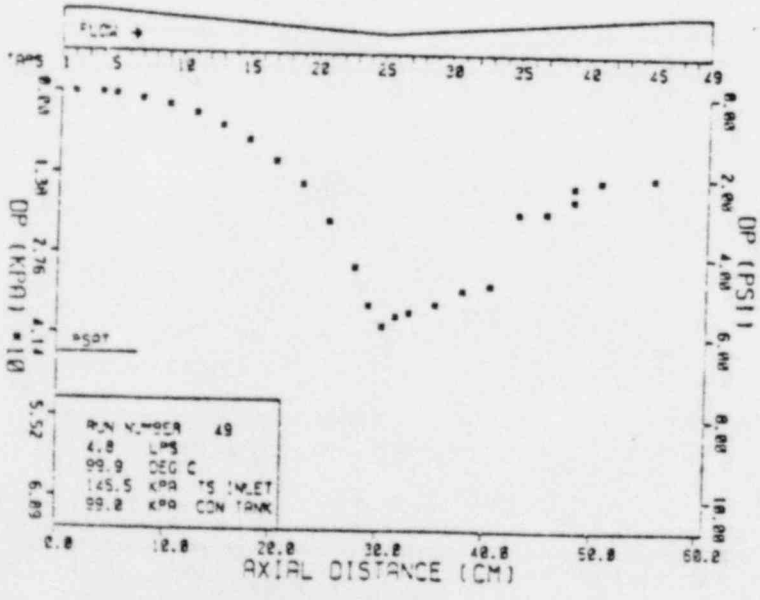


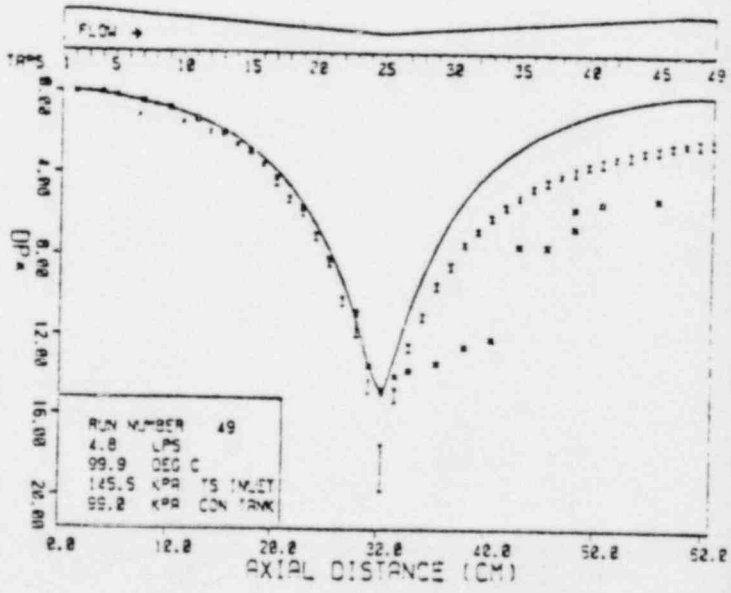


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 49

TAPS	LOOP FLOW LIT/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	4.80	93.0	99.4	99.3	145.5	99.0	236.3	.401E+06	.12	.04
1-4	4.79	93.1	99.6	99.4	145.5	99.0	236.0	.401E+06	.18	.07
1-5	4.80	93.1	99.7	99.4	145.5	99.0	236.5	.402E+06	.51	.19
1-7	4.81	93.2	99.6	99.5	145.5	99.0	236.7	.402E+06	1.22	.45
1-9	4.79	93.2	99.8	99.5	145.5	99.0	235.9	.402E+06	2.11	.79
1-11	4.78	93.2	99.5	99.6	145.5	99.0	235.5	.400E+06	3.49	1.30
1-13	4.80	93.3	99.5	99.6	145.5	99.0	236.5	.402E+06	5.42	2.01
1-15	4.78	93.3	99.7	99.6	145.5	99.0	235.5	.401E+06	7.77	2.90
1-17	4.81	93.3	99.8	99.6	145.5	99.0	236.8	.403E+06	11.27	4.20
1-19	4.80	93.4	99.8	99.7	145.5	99.0	236.4	.403E+06	15.28	5.66
1-21	4.76	93.4	99.9	99.7	145.5	99.0	234.5	.400E+06	21.55	8.12
1-23	4.83	93.4	99.8	99.7	145.5	99.0	237.6	.405E+06	29.63	10.86
1-24	4.79	93.5	99.7	99.8	145.5	99.0	235.9	.401E+06	36.22	13.48
1-25	4.80	93.5	99.9	99.8	145.5	99.0	236.3	.403E+06	39.69	14.72
1-26	4.81	93.5	100.2	99.8	145.5	99.0	236.8	.405E+06	37.98	14.03
1-27	4.82	93.5	99.8	99.8	145.5	99.0	237.3	.404E+06	37.39	13.74
1-29	4.80	93.5	99.9	99.9	145.5	99.0	236.6	.403E+06	36.09	13.35
1-31	4.79	93.5	99.9	99.9	145.5	99.0	235.8	.402E+06	33.64	12.53
1-33	4.80	93.6	99.9	99.8	145.5	99.0	236.3	.403E+06	32.68	12.12
1-35	4.80	93.6	99.9	99.9	145.5	99.0	236.2	.403E+06	20.10	7.46
1-37	4.77	93.6	99.9	99.9	145.5	99.0	234.8	.400E+06	19.94	7.49
1-39	4.83	93.6	99.9	99.9	145.5	99.0	237.7	.405E+06	15.26	5.63
1-39	4.80	93.6	99.9	99.9	145.5	99.0	236.5	.403E+06	17.70	6.57
1-41	4.80	93.6	99.9	99.9	145.5	99.0	236.3	.403E+06	14.43	5.35
1-45	4.80	93.6	99.8	99.9	145.5	99.0	236.4	.403E+06	13.80	5.12
1-49	4.78	93.6	99.9	99.9	145.5	99.0	235.2	.401E+06	10.81	4.04
50-1	4.79	93.6	99.9	99.9	145.5	99.0	235.8	.402E+06	2.78	1.04

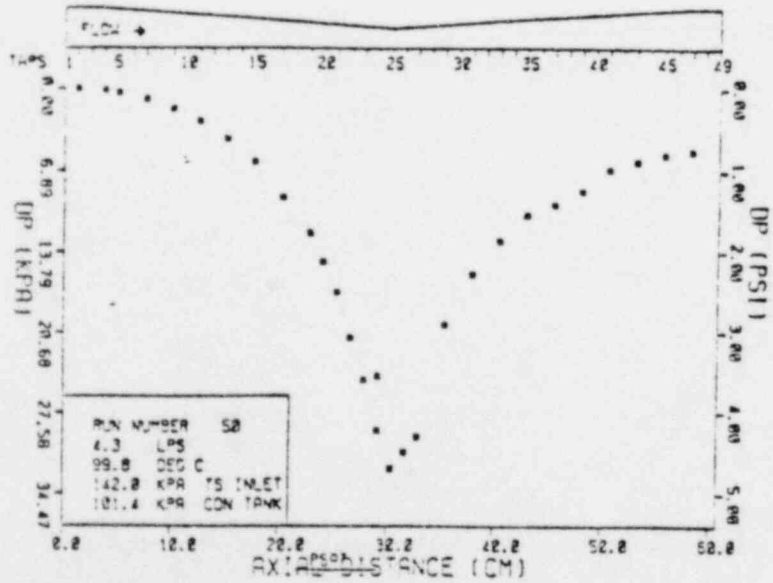


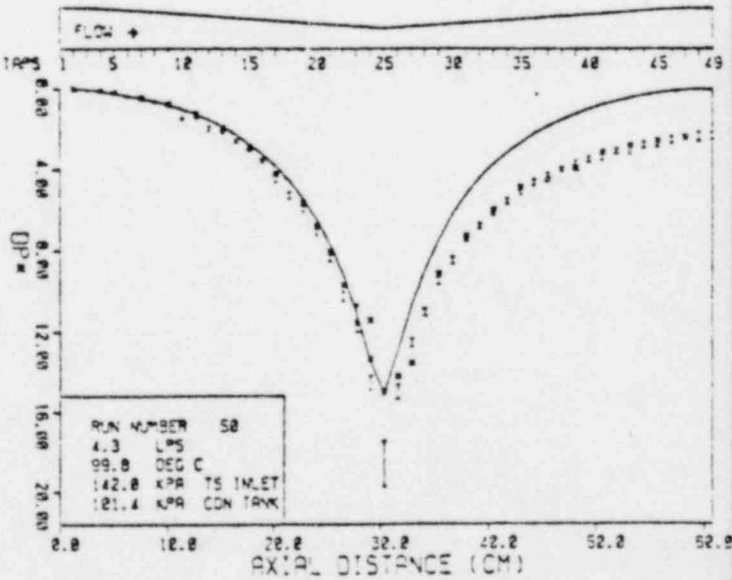


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 50

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	4.31	92.8	99.9	99.9	142.0	101.4	212.3	.362E+06	.00	.00
1-4	4.28	92.8	100.2	99.9	142.0	101.4	210.6	.360E+06	.14	.06
1-5	4.31	92.8	100.0	99.9	142.0	101.4	212.3	.362E+06	.36	.17
1-7	4.29	92.9	99.9	99.9	142.0	101.4	211.1	.360E+06	.93	.43
1-9	4.32	92.8	100.0	99.9	142.0	101.4	212.8	.363E+06	1.67	.76
1-11	4.33	92.8	100.1	99.9	142.0	101.4	213.3	.364E+06	2.74	1.25
1-13	4.33	92.8	99.9	99.9	142.0	101.4	213.4	.364E+06	4.20	1.91
1-15	4.29	92.8	100.1	99.9	142.0	101.4	211.0	.360E+06	6.14	2.85
1-17	4.31	92.8	99.9	99.9	142.0	101.4	212.2	.362E+06	9.15	4.21
1-19	4.29	92.8	99.9	99.9	142.0	101.4	211.3	.360E+06	12.22	5.66
1-20	4.30	92.8	100.1	99.9	142.0	101.4	211.6	.361E+06	14.62	6.76
1-21	4.29	92.8	100.0	99.9	142.0	101.4	211.0	.360E+06	17.27	8.00
1-22	4.32	92.8	99.9	99.9	142.0	101.4	212.9	.363E+06	21.21	9.69
1-23	4.28	92.8	100.0	99.9	142.0	101.4	211.0	.360E+06	24.82	11.54
1-24	4.28	92.8	100.0	99.9	142.0	101.4	210.6	.359E+06	24.47	11.42
1-25	4.29	92.8	100.0	99.9	142.0	101.4	211.0	.360E+06	32.34	15.04
1-24	4.31	92.8	99.9	99.9	142.0	101.4	212.4	.362E+06	29.10	13.26
1-26	4.31	92.8	100.1	99.9	142.0	101.4	212.3	.362E+06	30.97	14.23
1-27	4.32	92.8	99.9	99.9	142.0	101.4	212.6	.362E+06	29.64	13.57
1-29	4.32	92.8	99.8	99.9	142.0	101.4	212.5	.362E+06	20.02	9.17
1-31	4.29	92.8	100.0	99.9	142.0	101.4	211.5	.361E+06	15.73	7.28
1-33	4.29	92.8	99.8	99.9	142.0	101.4	210.6	.359E+06	12.85	6.00
1-35	4.31	92.8	99.9	99.9	142.0	101.4	212.5	.362E+06	10.61	4.87
1-37	4.30	92.7	99.9	99.9	142.0	101.4	211.8	.361E+06	9.73	4.49
1-39	4.31	92.8	100.0	99.9	142.0	101.4	212.0	.362E+06	8.57	3.95
1-41	4.29	92.7	100.0	99.9	142.0	101.4	211.3	.361E+06	6.78	3.14
1-43	4.30	92.7	100.0	99.8	142.0	101.4	211.9	.362E+06	6.07	2.80
1-45	4.29	92.7	99.9	99.8	142.0	101.4	211.1	.360E+06	5.52	2.57
1-47	4.31	92.7	99.8	99.8	142.0	101.4	212.4	.362E+06	5.22	2.39
1-49	4.29	92.7	100.2	99.9	142.0	101.4	211.4	.361E+06	4.63	2.15
50-1	4.29	92.8	99.8	99.9	142.0	101.4	211.1	.359E+06	2.05	.95

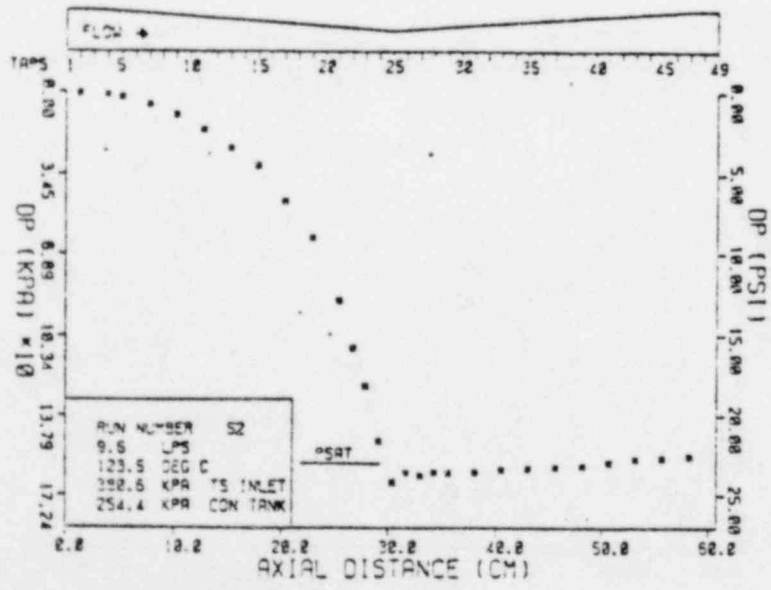


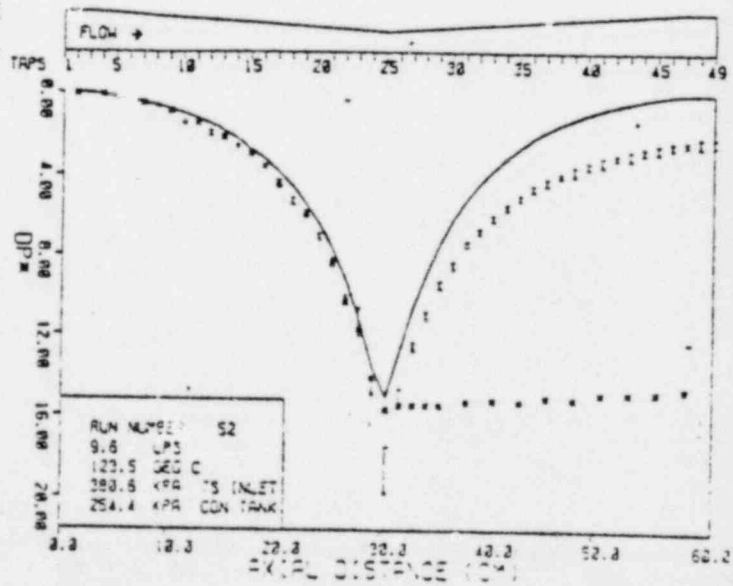


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 52

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.58	116.6	123.5	123.5	380.6	254.4	471.8	.982E+06	48	.05
1-4	9.61	116.6	123.5	123.5	380.6	254.4	473.3	.985E+06	1.15	.11
1-5	9.56	116.6	123.5	123.6	380.6	254.4	471.0	.980E+06	2.15	.20
1-7	9.61	116.6	123.5	123.5	380.6	254.4	473.2	.985E+06	5.33	.50
1-9	9.59	116.6	123.5	123.5	380.6	254.4	472.1	.982E+06	9.42	.89
1-11	9.60	116.6	123.5	123.5	380.6	254.4	473.0	.984E+06	15.77	1.49
1-13	9.61	116.5	123.5	123.5	380.6	254.4	473.2	.985E+06	23.18	2.18
1-15	9.60	116.5	123.5	123.5	380.6	254.4	472.5	.983E+06	30.63	2.89
1-17	9.61	116.5	123.5	123.5	380.6	254.4	473.1	.984E+06	46.16	4.35
1-19	9.60	116.5	123.5	123.5	380.6	254.4	472.7	.984E+06	62.28	5.88
1-21	9.58	116.5	123.5	123.5	380.6	254.4	471.9	.982E+06	88.77	8.41
1-22	9.59	116.6	123.5	123.5	380.6	254.4	472.0	.982E+06	108.93	10.32
1-23	9.64	116.6	123.5	123.5	380.6	254.4	474.7	.988E+06	125.22	11.72
1-24	9.58	116.5	123.5	123.5	380.6	254.4	471.9	.982E+06	148.92	14.11
1-25	9.63	116.6	123.5	123.5	380.6	254.4	474.2	.987E+06	166.77	15.65
1-26	9.58	116.6	123.5	123.5	380.6	254.4	471.6	.981E+06	162.88	15.45
1-27	9.61	116.6	123.5	123.5	380.6	254.4	473.3	.985E+06	163.84	15.44
1-28	9.58	116.6	123.5	123.5	380.6	254.4	471.6	.982E+06	162.66	15.43
1-29	9.58	116.6	123.5	123.5	380.6	254.4	471.8	.982E+06	162.92	15.45
1-31	9.62	116.5	123.5	123.5	380.6	254.4	473.8	.986E+06	162.51	15.28
1-33	9.61	116.6	123.6	123.5	380.6	254.4	473.2	.985E+06	161.27	15.20
1-35	9.58	116.6	123.5	123.5	380.6	254.4	471.9	.982E+06	161.02	15.26
1-37	9.63	116.6	123.6	123.6	380.6	254.4	474.0	.987E+06	160.47	15.17
1-39	9.59	116.6	123.6	123.6	380.6	254.4	473.2	.985E+06	159.96	15.14
1-41	9.63	116.6	123.5	123.6	380.6	254.4	474.0	.987E+06	158.41	14.98
1-43	9.59	116.6	123.5	123.6	380.6	254.4	472.4	.983E+06	156.86	14.83
1-45	9.60	116.6	123.6	123.6	380.6	254.4	472.7	.984E+06	156.52	14.79
1-47	9.62	116.6	123.5	123.5	380.6	254.4	473.5	.985E+06	155.64	14.65
1-49	9.60	116.6	123.5	123.5	380.5	254.4	472.7	.984E+06	154.62	14.60
1-50	9.63	116.6	123.5	123.5	380.6	254.4	474.1	.987E+06	15.18	1.42

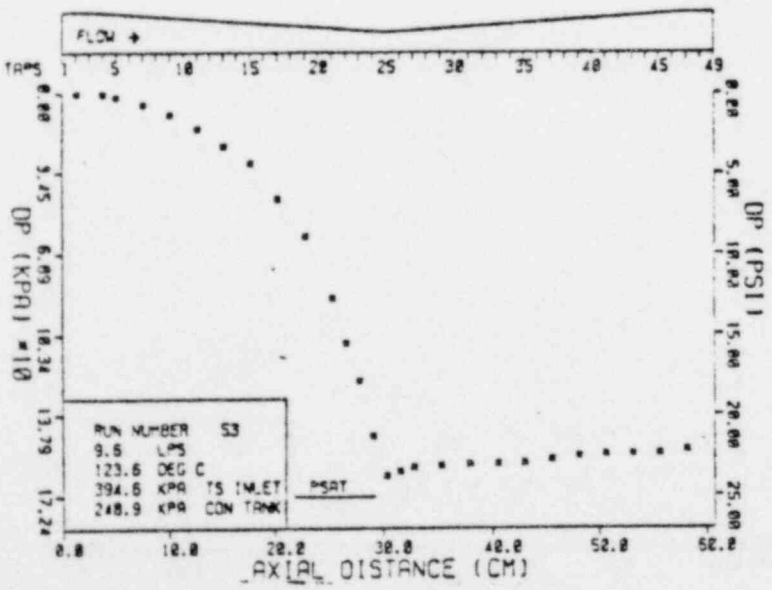


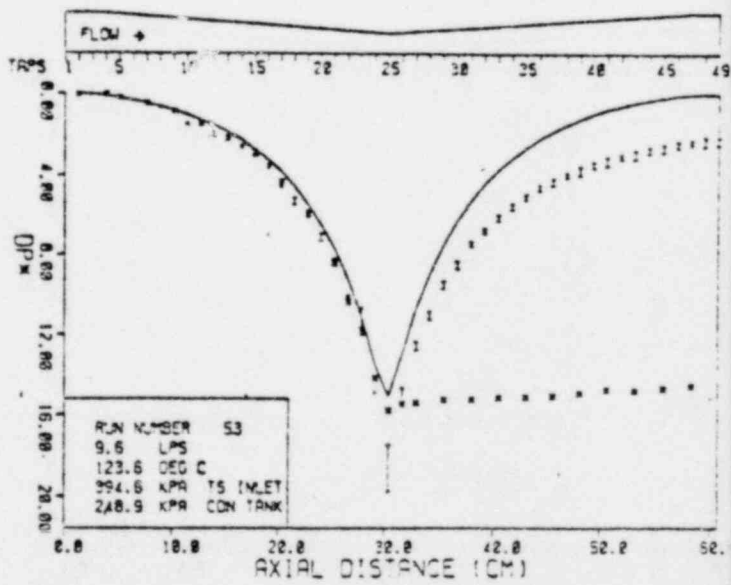


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 53

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.55	116.6	123.5	123.6	394.6	248.9	470.3	.979E+06	.37	.03
1-4	9.55	116.6	123.5	123.6	394.6	248.9	470.3	.979E+06	.51	.05
1-5	9.50	116.6	123.5	123.6	394.6	248.9	468.0	.974E+06	1.98	.19
1-7	9.54	116.6	123.6	123.6	394.6	248.9	470.8	.978E+06	5.04	.48
1-9	9.58	116.6	123.6	123.6	394.6	248.9	471.6	.982E+06	9.23	.88
1-11	9.53	116.6	123.5	123.6	394.6	248.9	469.4	.977E+06	15.58	1.48
1-13	9.55	116.6	123.6	123.6	394.6	248.9	470.2	.979E+06	23.05	2.20
1-15	9.54	116.6	123.6	123.6	394.6	248.9	469.8	.978E+06	30.10	2.88
1-17	9.55	116.6	123.6	123.6	394.6	248.9	470.2	.979E+06	45.56	4.35
1-19	9.55	116.6	123.6	123.6	394.6	248.9	470.5	.979E+06	61.39	5.85
1-21	9.53	116.6	123.6	123.6	394.6	248.9	469.2	.977E+06	87.53	8.39
1-22	9.50	116.6	123.6	123.6	394.6	248.9	467.8	.974E+06	107.02	10.32
1-23	9.55	116.6	123.5	123.6	394.6	248.9	470.5	.979E+06	123.36	11.76
1-24	9.51	116.6	123.5	123.6	394.6	248.9	468.3	.975E+06	146.98	14.14
1-25	9.51	116.6	123.5	123.6	394.6	248.9	468.5	.975E+06	163.85	15.75
1-26	9.55	116.6	123.5	123.6	394.6	248.9	470.5	.979E+06	161.96	15.44
1-27	9.52	116.6	123.5	123.6	394.6	248.9	468.9	.976E+06	160.32	15.29
1-29	9.55	116.6	123.5	123.6	394.6	248.9	470.2	.979E+06	159.61	15.23
1-31	9.53	116.6	123.5	123.6	394.6	248.9	469.5	.977E+06	158.99	15.22
1-33	9.56	116.6	123.5	123.6	394.6	248.9	470.7	.980E+06	158.78	15.12
1-35	9.56	116.6	123.5	123.6	394.6	248.9	470.7	.980E+06	158.37	15.08
1-37	9.53	116.6	123.5	123.6	394.6	248.9	469.4	.977E+06	157.10	15.05
1-39	9.54	116.6	123.5	123.6	394.6	248.9	469.6	.977E+06	155.70	14.90
1-41	9.56	116.6	123.6	123.6	394.6	248.9	470.7	.980E+06	154.84	14.75
1-43	9.53	116.6	123.6	123.6	394.6	248.9	469.4	.977E+06	154.59	14.81
1-45	9.56	116.6	123.6	123.6	394.6	248.9	471.0	.980E+06	154.34	14.69
1-47	9.56	116.6	123.6	123.6	394.6	248.9	470.9	.980E+06	152.91	14.55
1-49	9.53	116.6	123.5	123.6	394.6	248.9	469.5	.977E+06	152.28	14.59
50-1	9.56	116.6	123.6	123.6	394.6	248.9	470.9	.980E+06	14.94	1.42

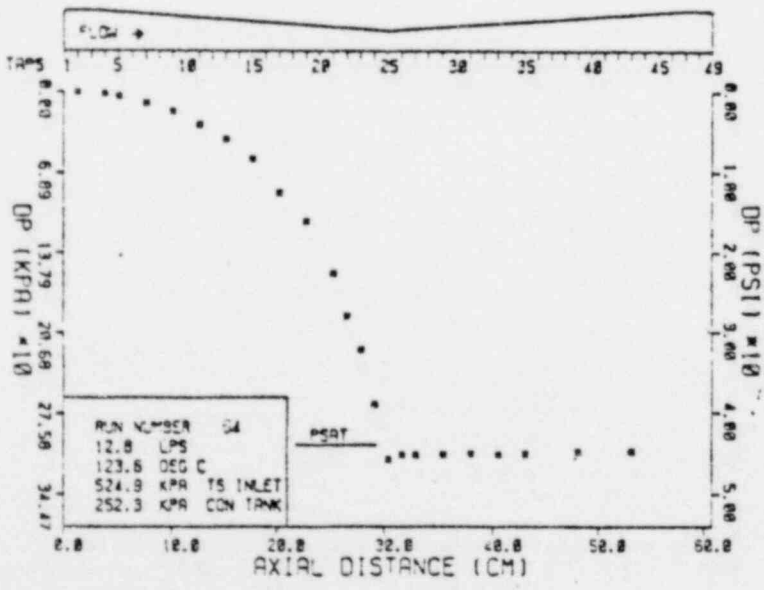


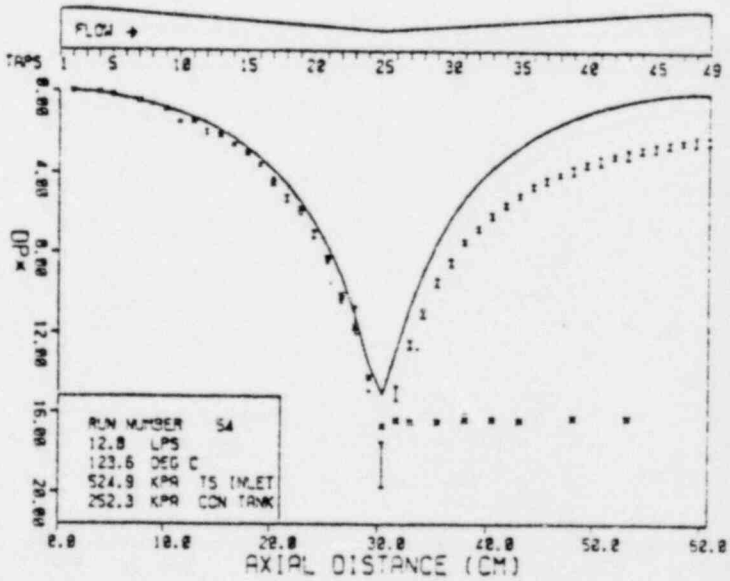


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 54

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	12.85	118.4	123.5	123.6	524.9	252.3	632.5	.132E+07	.00	.00
1-4	12.83	118.5	123.6	123.7	524.9	252.3	631.9	.132E+07	1.51	.08
1-5	12.87	118.5	123.6	123.7	524.9	252.3	633.6	.132E+07	3.76	.20
1-7	12.86	118.6	123.7	123.8	524.9	252.3	633.2	.132E+07	9.59	.50
1-9	12.85	118.6	123.7	123.8	524.9	252.3	633.0	.132E+07	16.57	.87
1-11	12.84	118.6	123.7	123.8	524.9	252.3	632.4	.132E+07	27.51	1.45
1-13	12.81	118.6	123.7	123.8	524.9	252.3	630.7	.131E+07	39.92	2.12
1-15	12.84	118.6	123.6	123.7	524.9	252.3	632.0	.132E+07	56.76	3.00
1-17	12.85	118.6	123.6	123.7	524.9	252.3	632.9	.132E+07	85.53	4.51
1-19	12.87	118.6	123.6	123.7	524.9	252.3	633.9	.132E+07	110.25	5.79
1-21	12.82	118.6	123.6	123.7	524.9	252.3	631.2	.131E+07	155.62	8.24
1-22	12.82	118.6	123.6	123.7	524.9	252.3	631.5	.131E+07	192.43	10.18
1-23	12.84	118.6	123.6	123.7	524.9	252.3	632.2	.132E+07	221.48	11.69
1-24	12.82	118.6	123.6	123.7	524.9	252.3	631.1	.131E+07	267.75	14.18
1-25	12.82	118.6	123.6	123.7	524.9	252.3	631.4	.131E+07	314.89	16.66
1-26	12.85	118.6	123.6	123.7	524.9	252.3	632.8	.132E+07	319.94	16.39
1-27	12.83	118.6	123.6	123.7	524.9	252.3	631.9	.132E+07	311.36	16.45
1-29	12.83	118.6	123.6	123.7	524.9	252.3	631.9	.132E+07	311.39	16.45
1-31	12.86	118.6	123.6	123.7	524.9	252.3	633.1	.132E+07	310.17	16.33
1-33	12.87	118.6	123.6	123.7	524.9	252.3	633.7	.132E+07	310.56	16.31
1-35	12.85	118.6	123.6	123.6	524.9	252.3	632.6	.132E+07	310.59	16.37
1-39	12.86	118.6	123.6	123.6	524.9	252.3	633.1	.132E+07	308.51	16.24
1-43	12.83	118.6	123.6	123.6	524.9	252.3	631.9	.131E+07	307.81	16.27
1-49	12.84	118.6	123.6	123.6	524.9	252.3	632.2	.132E+07	306.33	16.17
50-1	12.81	118.5	123.6	123.6	524.9	252.3	631.0	.131E+07	28.05	1.49

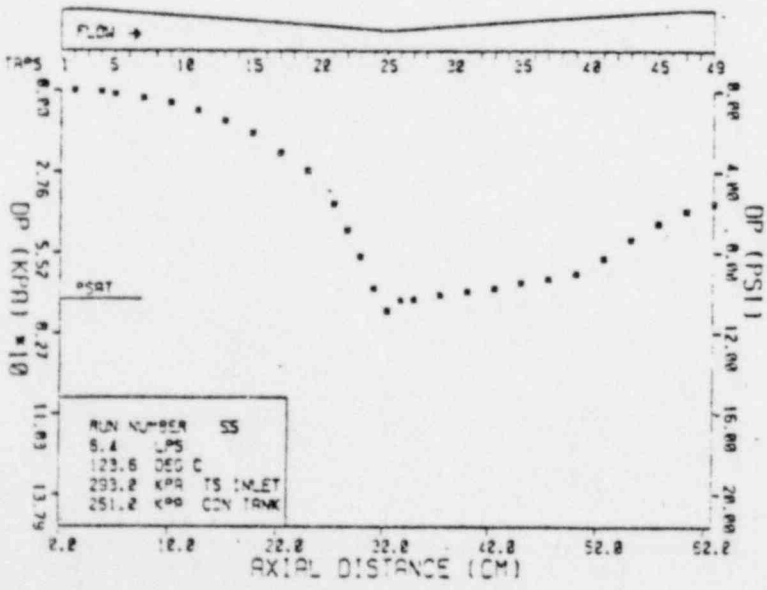


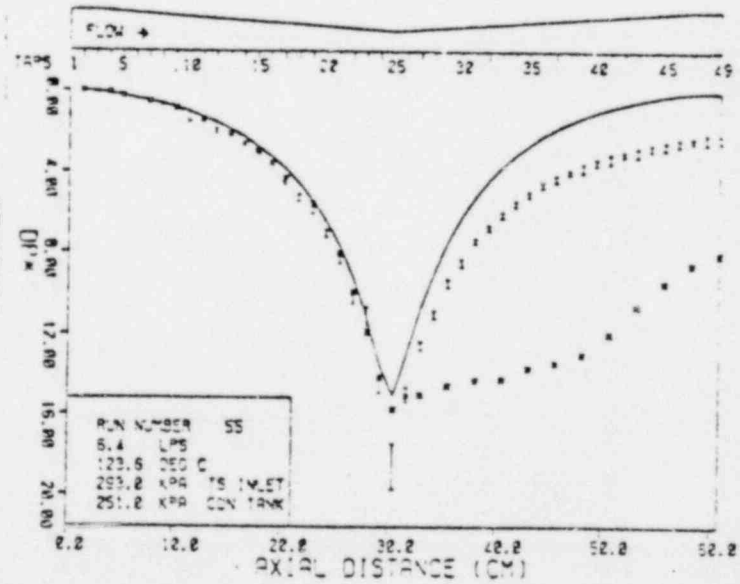


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 55

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.45	113.4	123.8	123.7	293.0	251.0	317.4	.662E+06	.04	.01
1-4	6.42	113.4	123.6	123.6	293.0	251.0	316.0	.658E+06	.37	.08
1-5	6.46	113.4	123.6	123.6	293.0	251.0	317.9	.662E+06	1.14	.24
1-7	6.43	113.4	123.6	123.6	293.0	251.0	316.4	.659E+06	2.47	.52
1-9	6.44	113.4	123.6	123.6	293.0	251.0	317.2	.661E+06	4.08	.86
1-11	6.45	113.4	123.6	123.6	293.0	251.0	317.6	.662E+06	6.79	1.42
1-13	6.46	113.3	123.6	123.6	293.0	251.0	318.0	.662E+06	10.12	2.11
1-15	6.41	113.3	123.6	123.5	293.0	251.0	315.7	.657E+06	14.15	3.00
1-17	6.49	113.2	123.6	123.5	293.0	251.0	319.4	.665E+06	20.91	4.33
1-19	6.47	113.2	123.5	123.5	293.0	251.0	318.5	.663E+06	26.82	5.58
1-21	6.44	113.2	123.5	123.5	293.0	251.0	317.3	.660E+06	38.35	9.04
1-22	6.45	113.2	123.5	123.5	293.0	251.0	317.7	.661E+06	47.37	9.90
1-23	6.44	113.2	123.5	123.5	293.0	251.0	317.0	.660E+06	56.47	11.86
1-24	6.46	113.2	123.5	123.5	293.0	251.0	317.9	.662E+06	67.50	14.09
1-25	6.44	113.2	123.5	123.5	293.0	251.0	317.0	.660E+06	75.02	15.76
1-26	6.43	113.1	123.5	123.5	293.0	251.0	316.4	.659E+06	71.41	15.05
1-27	6.43	113.1	123.6	123.5	293.0	251.0	316.4	.659E+06	71.20	15.00
1-29	6.45	113.1	123.5	123.5	293.0	251.0	317.8	.661E+06	69.61	14.54
1-31	6.46	113.1	123.6	123.5	293.0	251.0	318.1	.662E+06	68.37	14.25
1-33	6.43	113.1	123.6	123.5	293.0	251.0	316.4	.659E+06	67.46	14.22
1-35	6.45	113.1	123.6	123.5	293.0	251.0	317.7	.662E+06	65.46	13.68
1-37	6.45	113.2	123.6	123.6	293.0	251.0	317.7	.662E+06	64.14	13.41
1-39	6.45	113.2	123.6	123.5	293.0	251.0	317.8	.662E+06	62.13	12.99
1-41	6.44	113.2	123.6	123.5	293.0	251.0	317.3	.660E+06	57.03	11.96
1-43	6.43	113.2	123.6	123.6	293.0	251.0	316.8	.660E+06	50.54	10.63
1-45	6.43	113.2	123.6	123.6	293.0	251.0	316.7	.659E+06	45.09	9.49
1-47	6.45	113.2	123.6	123.6	293.0	251.0	317.7	.662E+06	41.02	8.58
1-49	6.43	113.2	123.6	123.6	293.0	251.0	316.8	.660E+06	38.51	8.10
1-50	6.45	113.2	123.6	123.6	293.0	251.0	317.6	.662E+06	.00	.00
50-1	6.44	113.2	123.6	123.6	293.0	251.0	317.0	.660E+06	5.50	1.16

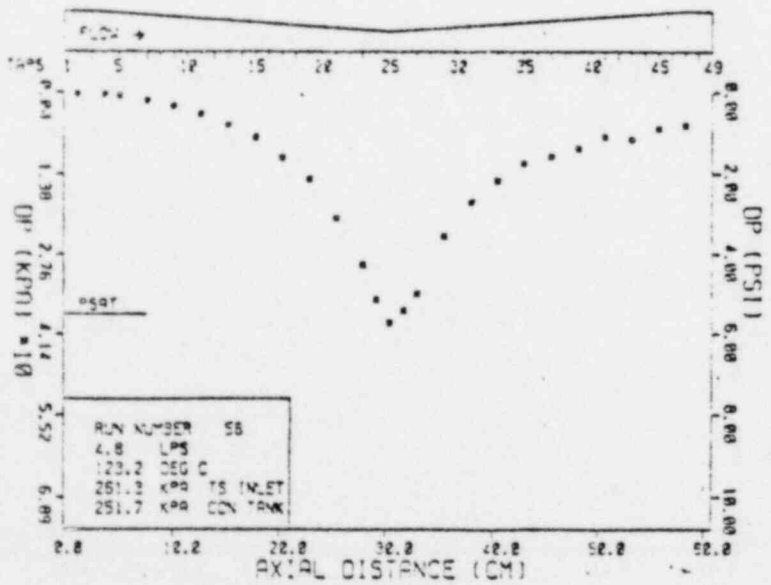


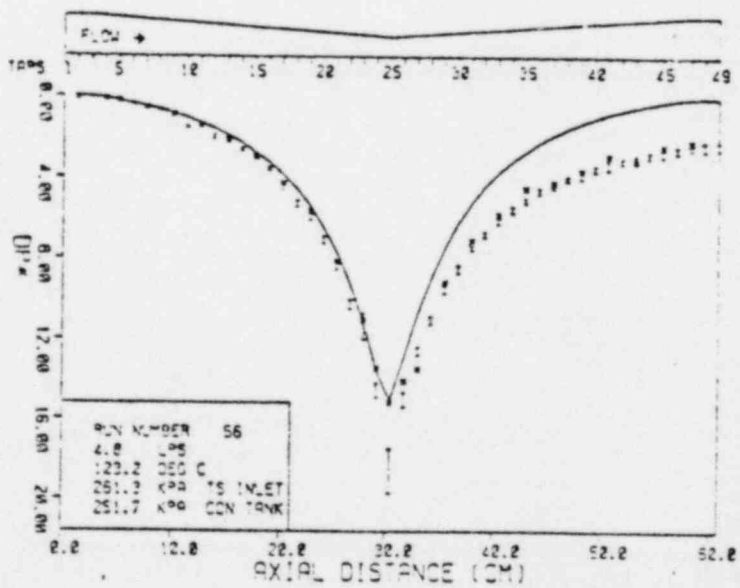


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 56

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	4.75	109.4	123.5	123.4	261.3	251.7	233.7	.486E+06	.22	.09
1-4	4.79	109.5	123.6	123.5	261.3	251.7	235.7	.491E+06	.36	.14
1-5	4.76	109.6	124.0	123.6	261.3	251.7	234.6	.490E+06	.59	.23
1-7	4.75	109.6	124.2	123.6	261.3	251.7	233.8	.489E+06	1.44	.56
1-9	4.76	109.6	123.5	123.5	261.3	251.7	234.3	.488E+06	2.35	.90
1-11	4.81	109.6	123.3	123.4	261.3	251.7	236.9	.492E+06	3.67	1.38
1-13	4.75	109.5	123.9	123.6	261.3	251.7	233.7	.488E+06	5.54	2.14
1-15	4.76	109.6	124.2	123.7	261.3	251.7	234.3	.490E+06	7.65	2.94
1-17	4.75	109.5	124.0	123.6	261.3	251.7	233.9	.489E+06	11.08	4.27
1-19	4.75	109.6	124.5	123.8	261.3	251.7	233.9	.491E+06	14.67	5.66
1-21	4.78	109.5	123.6	123.6	261.3	251.7	235.5	.490E+06	21.06	8.13
1-23	4.81	109.5	123.6	123.6	261.3	251.7	237.0	.494E+06	29.39	11.04
1-24	4.78	109.6	123.9	123.7	261.3	251.7	235.5	.492E+06	35.02	13.44
1-25	4.76	109.6	123.7	123.6	261.3	251.7	234.4	.489E+06	39.40	15.15
1-26	4.80	109.6	124.0	123.7	261.3	251.7	236.5	.494E+06	37.32	14.09
1-27	4.71	109.6	123.5	123.6	261.3	251.7	232.0	.483E+06	34.40	13.48
1-29	4.83	109.6	123.7	123.7	261.3	251.7	237.8	.496E+06	24.56	9.16
1-31	4.78	109.6	124.2	123.7	261.3	251.7	235.6	.493E+06	18.69	7.11
1-33	4.75	109.6	124.2	123.7	261.3	251.7	233.9	.489E+06	15.03	5.80
1-35	4.83	109.6	123.9	123.7	261.3	251.7	237.8	.496E+06	12.09	4.51
1-37	4.75	109.6	123.8	123.7	261.3	251.7	234.0	.488E+06	10.91	4.29
1-39	4.79	109.6	124.0	123.7	261.3	251.7	235.8	.493E+06	9.48	3.68
1-41	4.76	109.6	123.2	123.5	261.3	251.7	234.6	.487E+06	7.49	2.87
1-43	4.79	109.5	123.2	123.5	261.3	251.7	235.7	.490E+06	8.02	3.04
1-45	4.76	109.5	123.5	123.6	261.3	251.7	234.4	.488E+06	6.15	2.36
1-47	4.76	109.5	123.6	123.6	261.3	251.7	234.1	.488E+06	5.57	2.15
1-49	4.77	109.5	124.0	123.6	261.3	251.7	235.0	.491E+06	4.88	1.87
50-1	4.76	109.5	123.2	123.5	251.3	251.7	234.2	.486E+06	2.78	1.87

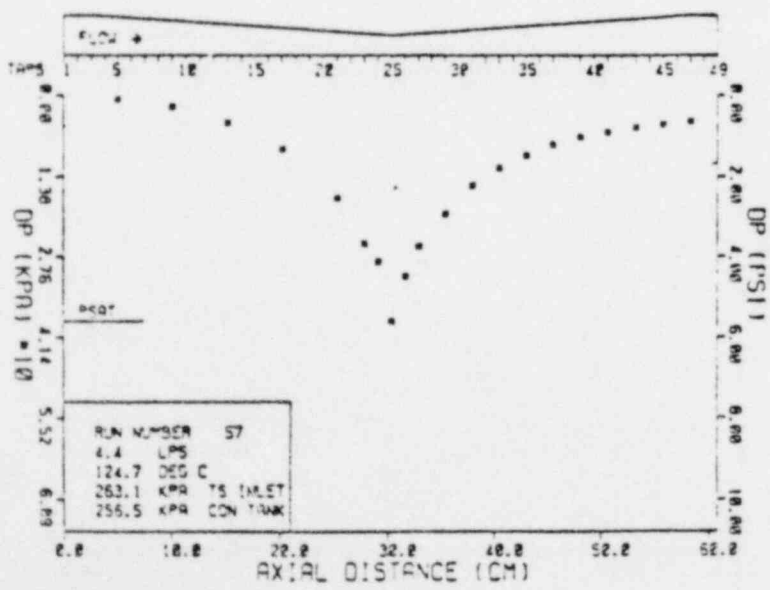


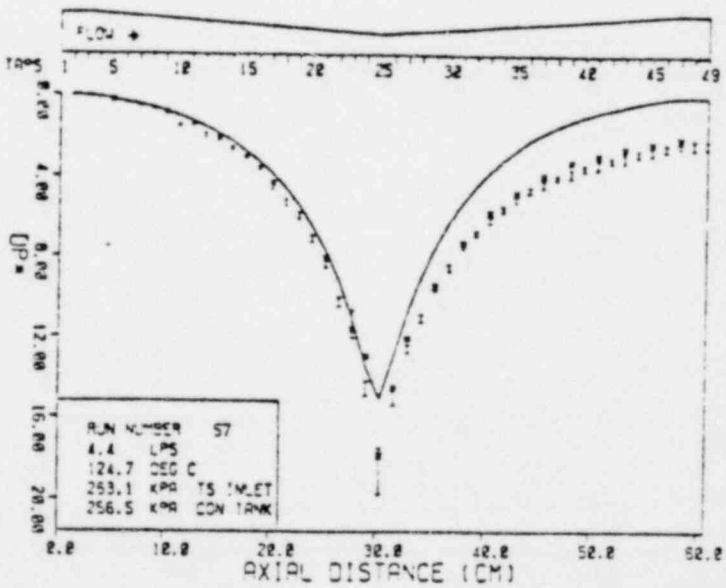


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 57

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	4.32	108.4	123.2	124.0	263.1	256.5	212.9	.442E+06	.52	.24
1-9	4.35	108.3	124.5	124.2	263.1	256.5	214.2	.449E+06	1.88	.87
1-13	4.34	108.3	122.9	123.8	263.1	256.5	213.6	.443E+06	4.58	2.11
1-17	4.31	108.3	124.8	124.1	263.1	256.5	212.4	.446E+06	9.09	4.25
1-21	4.33	108.3	123.0	123.9	263.1	256.5	213.4	.443E+06	17.34	8.03
1-23	4.35	108.2	123.7	123.7	263.1	256.5	214.2	.446E+06	25.21	11.60
1-24	4.38	108.2	124.6	124.0	263.1	256.5	215.7	.452E+06	28.50	12.94
1-25	4.34	108.3	122.6	123.7	263.1	256.5	213.6	.441E+06	38.62	17.35
1-26	4.31	108.1	124.1	123.9	263.1	256.5	212.6	.443E+06	30.98	14.55
1-27	4.32	108.1	124.2	123.9	263.1	256.5	212.6	.445E+06	25.80	12.06
1-29	4.31	108.1	123.6	123.8	263.1	256.5	212.1	.442E+06	20.17	9.46
1-31	4.29	108.1	124.6	123.9	263.1	256.5	211.0	.443E+06	15.32	7.27
1-33	4.32	108.1	124.5	123.7	263.1	256.5	212.8	.446E+06	12.32	5.74
1-35	4.33	108.1	124.6	123.9	263.1	256.5	213.1	.447E+06	10.22	4.76
1-37	4.30	108.1	124.1	123.9	263.1	256.5	211.8	.443E+06	8.26	3.89
1-39	4.32	108.1	124.7	123.9	263.1	256.5	213.0	.447E+06	6.04	2.75
1-41	4.30	108.2	122.7	123.6	263.1	256.5	211.8	.438E+06	6.18	2.90
1-43	4.34	108.1	124.7	123.8	263.1	256.5	213.8	.449E+06	5.48	2.53
1-45	4.29	108.1	124.1	123.7	263.1	256.5	211.4	.442E+06	4.90	2.32
1-47	4.30	108.2	122.9	123.7	263.1	256.5	211.8	.439E+06	4.44	2.09
1-49	4.31	108.2	123.5	123.9	263.1	256.5	212.2	.442E+06	4.17	1.95
SAT-1	4.36	108.2	124.7	123.9	263.1	256.5	214.5	.450E+06	1.65	.76

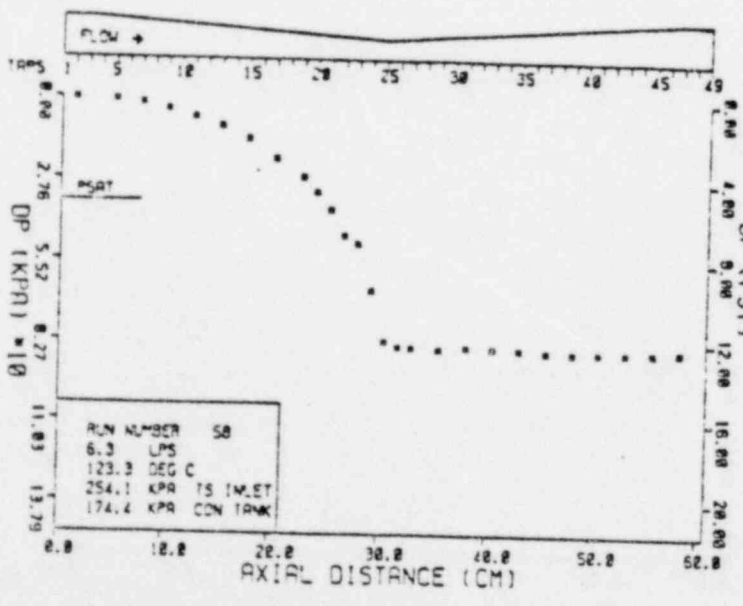


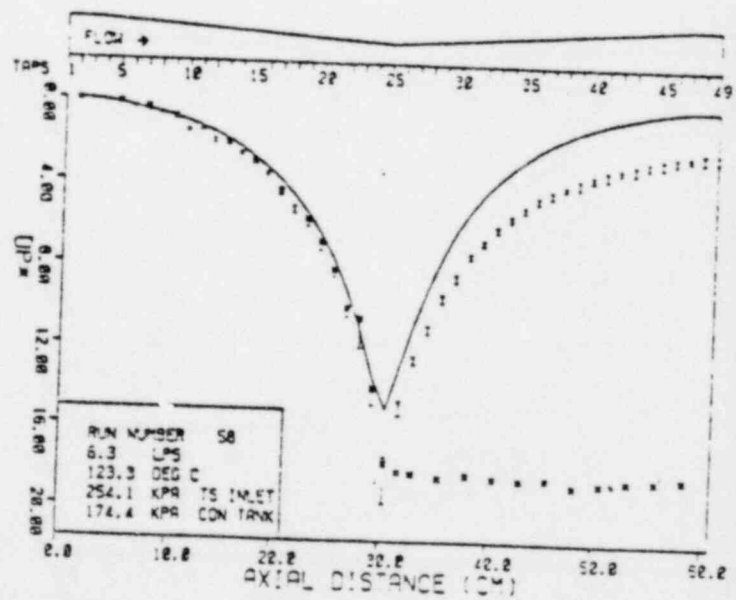


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 58

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.38	106.2	123.1	110.2	254.1	174.4	314.2	.652E+06	.15	.03
1-5	6.37	106.2	123.1	110.3	254.1	174.4	313.7	.651E+06	.58	.12
1-7	6.36	106.2	123.1	110.3	254.1	174.4	313.1	.650E+06	1.64	.35
1-9	6.35	106.2	123.2	110.3	254.1	174.4	312.7	.649E+06	3.79	.82
1-11	6.38	106.2	123.1	110.2	254.1	174.4	314.3	.652E+06	6.31	1.35
1-13	6.37	106.2	123.1	110.3	254.1	174.4	313.4	.651E+06	9.46	2.03
1-15	6.37	106.3	123.2	110.2	254.1	174.4	313.8	.651E+06	13.85	2.97
1-17	6.34	106.2	123.2	110.3	254.1	174.4	312.4	.649E+06	20.45	4.39
1-19	6.36	106.2	123.1	110.3	254.1	174.4	313.2	.650E+06	26.68	5.72
1-21	6.36	106.2	123.2	110.3	254.1	174.4	313.8	.650E+06	31.72	6.83
1-23	6.36	106.2	123.1	110.2	254.1	174.4	312.9	.649E+06	37.88	8.16
1-24	6.34	106.2	123.0	110.1	254.1	174.4	313.8	.649E+06	46.55	10.02
1-25	6.35	106.1	123.0	110.1	254.1	174.4	313.9	.651E+06	49.29	10.55
1-26	6.36	106.1	122.9	110.0	254.1	174.4	312.7	.648E+06	65.05	14.03
1-27	6.36	106.0	122.9	109.9	254.1	174.4	313.1	.649E+06	82.70	17.79
1-29	6.34	106.0	122.9	110.0	254.1	174.4	313.3	.649E+06	84.59	18.18
1-31	6.34	106.0	122.9	110.0	254.1	174.4	313.1	.649E+06	84.85	18.25
1-33	6.32	106.0	123.2	110.1	254.1	174.4	312.3	.647E+06	85.32	18.45
1-35	6.33	106.0	123.1	110.1	254.1	174.4	312.3	.648E+06	84.69	18.32
1-37	6.37	106.1	123.1	110.1	254.1	174.4	311.3	.646E+06	84.96	18.49
1-39	6.32	106.1	123.2	110.2	254.1	174.4	311.8	.647E+06	85.33	18.51
1-41	6.34	106.1	123.2	110.2	254.1	174.4	313.5	.651E+06	86.03	18.47
1-43	6.36	106.1	123.2	110.3	254.1	174.4	311.4	.647E+06	86.34	18.79
1-45	6.37	106.2	123.2	110.3	254.1	174.4	312.1	.648E+06	86.12	18.65
1-47	6.36	106.2	123.2	110.3	254.1	174.4	313.1	.650E+06	86.01	18.51
1-49	6.33	106.2	123.3	110.3	254.1	174.4	313.5	.651E+06	86.01	18.46
50-1	6.32	106.3	123.3	110.3	254.1	174.4	313.4	.651E+06	85.49	18.27
							311.8	.648E+06	85.73	18.60
							311.4	.647E+06	5.80	1.26

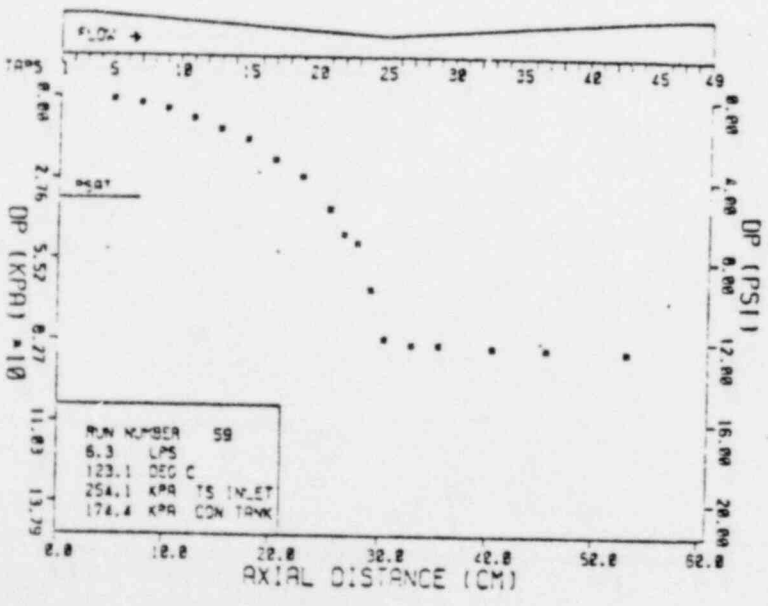


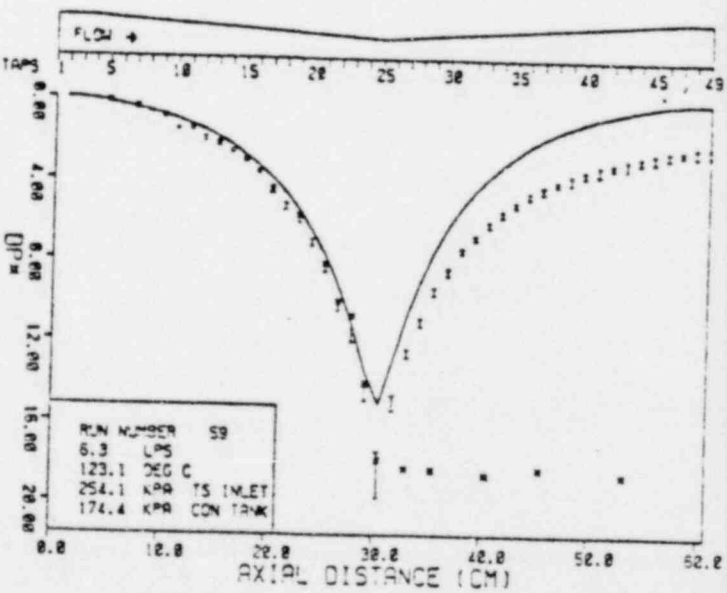


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 59

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	6.34	106.3	123.3	110.3	254.1	174.4	312.2	.649E+06	.80	.17
1-7	6.35	106.3	123.3	110.3	254.1	174.4	312.5	.649E+06	2.04	.44
1-9	6.34	106.2	123.3	110.3	254.1	174.4	312.2	.649E+06	4.00	.87
1-11	6.35	106.2	123.3	110.3	254.1	174.4	312.6	.650E+06	6.96	1.50
1-13	6.35	106.2	123.3	110.3	254.1	174.4	312.9	.650E+06	10.41	2.24
1-15	6.36	106.2	123.2	110.3	254.1	174.4	313.0	.650E+06	13.76	2.96
1-17	6.33	106.2	123.2	110.2	254.1	174.4	311.7	.647E+06	20.67	4.49
1-19	6.36	106.2	123.2	110.3	254.1	174.4	313.3	.651E+06	26.50	5.69
1-21	6.35	106.2	123.2	110.2	254.1	174.4	312.5	.649E+06	37.62	8.12
1-23	6.35	106.1	123.2	110.2	254.1	174.4	312.8	.650E+06	46.36	9.99
1-24	6.33	106.2	123.2	110.2	254.1	174.4	311.6	.647E+06	49.34	10.72
1-25	6.36	106.1	123.2	110.2	254.1	174.4	313.0	.650E+06	65.19	14.03
1-27	6.33	106.1	123.2	110.2	254.1	174.4	311.5	.647E+06	82.21	17.87
1-29	6.33	106.1	123.1	110.2	254.1	174.4	311.7	.647E+06	84.27	18.29
1-33	6.31	106.1	123.1	110.1	254.1	174.4	311.2	.646E+06	84.19	18.34
1-37	6.38	106.1	123.1	110.2	254.1	174.4	310.9	.645E+06	84.94	18.54
1-43	6.36	106.1	123.2	110.2	254.1	174.4	314.1	.652E+06	85.49	18.27
1-49	6.24	106.1	123.1	110.2	254.1	174.4	313.0	.650E+06	86.19	18.56
50-1	6.33	106.1	123.1	110.2	254.1	174.4	312.2	.648E+06	85.02	18.54
							311.6	.647E+06	5.86	1.27





BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

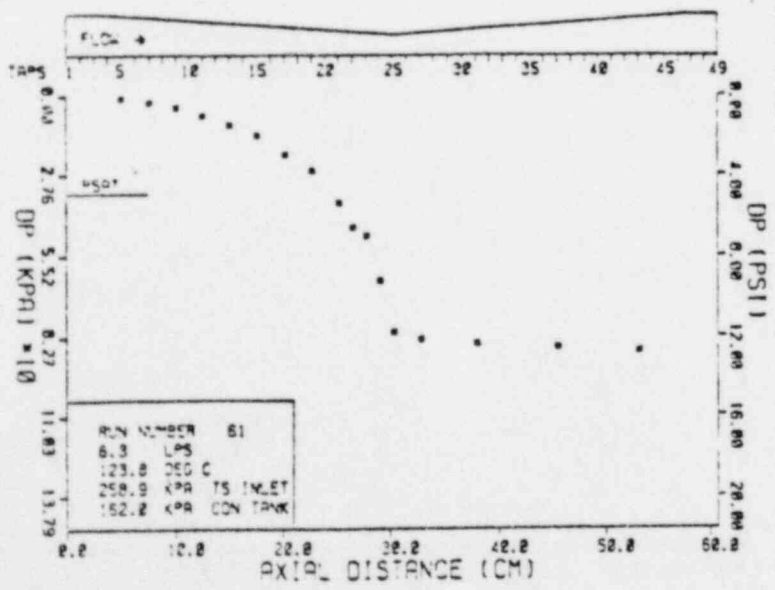
RUN NUMBER 60

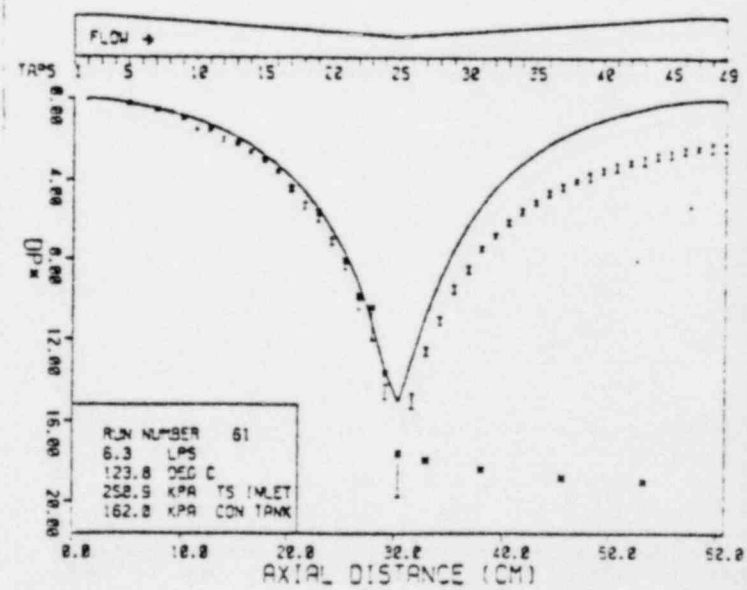
TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-20	6.27	112.9	125.6	112.4	263.7	186.2	309.8	.653E+06	38.64	6.79
1-21	6.28	112.9	125.7	112.4	263.7	186.2	309.1	.654E+06	36.79	8.14
1-22	6.29	113.0	125.8	112.5	263.7	186.2	309.5	.655E+06	45.08	9.05
1-23	6.25	113.0	125.8	112.5	263.7	186.2	307.7	.651E+06	47.22	10.55
1-24	6.27	113.0	125.8	112.5	263.7	186.2	309.0	.654E+06	63.49	14.07
1-25	6.28	113.0	125.8	112.5	263.7	186.2	309.5	.655E+06	80.54	17.79
1-26	6.29	113.0	125.8	112.6	263.7	186.2	309.7	.656E+06	82.26	18.14
1-27	6.27	113.1	125.8	112.6	263.7	186.2	308.9	.654E+06	83.13	18.42
1-29	6.30	113.1	125.8	112.6	263.7	186.2	310.1	.657E+06	83.11	18.27

BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 61

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	6.36	109.2	124.2	108.9	258.9	162.0	313.1	.655E+06	1.09	.23
1-7	6.35	109.2	124.2	108.9	258.9	162.0	312.4	.654E+06	2.47	.54
1-9	6.34	109.3	124.2	108.9	258.9	162.0	312.3	.653E+06	4.32	.93
1-11	6.35	109.3	124.1	108.9	258.9	162.0	312.6	.653E+06	7.05	1.52
1-13	6.33	109.3	124.1	109.0	258.9	162.0	311.5	.651E+06	10.20	2.22
1-15	6.32	109.3	124.1	108.9	258.9	162.0	311.2	.651E+06	13.73	3.00
1-17	6.36	109.3	124.0	108.9	258.9	162.0	313.4	.655E+06	20.54	4.41
1-19	6.36	109.3	124.0	108.9	258.9	162.0	313.0	.654E+06	26.00	5.60
1-21	6.34	109.3	124.0	108.9	258.9	162.0	312.4	.653E+06	37.19	8.04
1-23	6.35	109.3	124.0	108.9	258.9	162.0	312.9	.653E+06	45.52	9.81
1-23	6.36	109.2	124.0	108.8	258.9	162.0	313.2	.654E+06	48.35	10.41
1-24	6.36	109.2	123.9	108.8	258.9	162.0	313.2	.654E+06	63.38	13.64
1-25	6.33	109.2	123.8	108.7	258.9	162.0	311.9	.651E+06	81.01	17.58
1-27	6.37	109.1	123.8	108.7	258.9	162.0	313.8	.655E+06	83.62	17.97
1-31	6.35	109.1	123.8	108.7	258.9	162.0	312.9	.653E+06	85.27	18.39
1-37	6.33	109.0	123.8	108.6	258.9	162.0	311.6	.650E+06	86.39	18.78
1-43	6.34	109.0	123.7	108.5	258.9	162.0	312.2	.651E+06	87.68	18.97
1-49	6.35	108.9	123.7	108.5	258.9	162.0	312.6	.652E+06	87.51	18.90
50-1	6.33	108.9	123.8	108.5	258.9	162.0	311.6	.650E+06	5.91	1.29

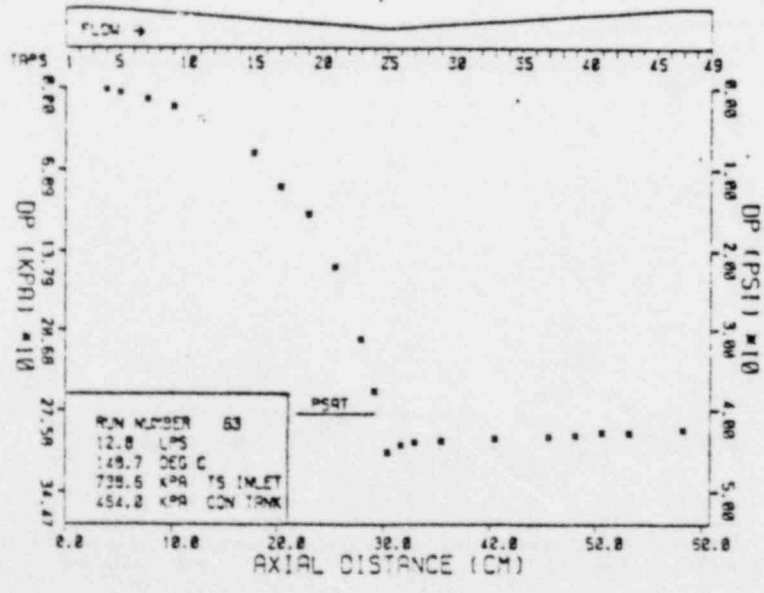


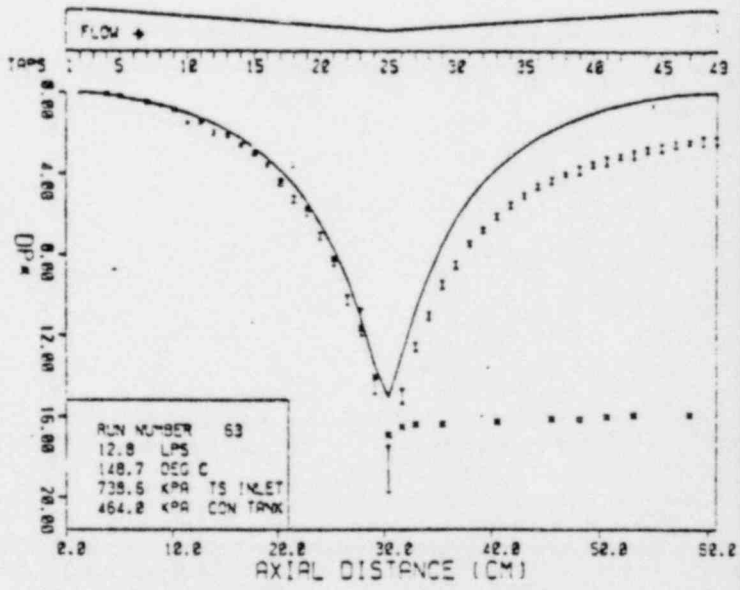


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 63

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	12.82	148.4	148.5	148.6	738.6	464.0	631.2	.156E+07	1.53	.08
1-5	12.84	148.5	148.6	148.6	738.6	464.0	632.0	.156E+07	3.64	.20
1-7	12.84	148.5	148.6	148.7	738.6	464.0	632.4	.156E+07	9.29	.50
1-9	12.84	148.5	148.7	148.7	738.6	464.0	632.4	.156E+07	15.89	.86
1-11	12.83	148.6	148.7	148.7	738.6	464.0	632.8	.156E+07	26.82	1.45
1-15	12.83	148.6	148.7	148.7	738.6	464.0	631.6	.156E+07	54.84	2.97
1-17	12.85	148.6	148.7	148.7	738.6	464.0	632.5	.157E+07	82.73	4.47
1-19	12.84	148.6	148.7	148.7	738.6	464.0	632.0	.156E+07	106.31	5.74
1-21	12.85	148.6	148.7	148.7	738.6	464.0	632.9	.157E+07	151.41	8.18
1-23	12.81	148.6	148.7	148.8	738.6	464.0	630.6	.156E+07	214.70	11.66
1-24	12.83	148.6	148.7	148.8	738.6	464.0	632.0	.156E+07	259.66	14.04
1-25	12.81	148.7	148.7	148.8	738.6	464.0	630.7	.156E+07	311.33	16.90
1-26	12.82	148.6	148.7	148.8	738.6	464.0	631.4	.156E+07	304.94	16.52
1-27	12.83	148.6	148.7	148.8	738.6	464.0	631.6	.156E+07	302.88	16.40
1-29	12.82	148.7	148.7	148.8	738.6	464.0	631.1	.156E+07	301.90	16.37
1-33	12.82	148.7	148.7	148.8	738.6	464.0	631.4	.156E+07	300.08	16.26
1-37	12.84	148.6	148.7	148.8	738.6	464.0	632.0	.157E+07	298.16	16.11
1-39	12.81	148.6	148.7	148.7	738.6	464.0	630.7	.156E+07	296.72	16.11
1-41	12.80	148.6	148.7	148.7	738.6	464.0	630.4	.156E+07	294.28	15.99
1-43	12.84	148.6	148.7	148.7	738.6	464.0	632.4	.157E+07	294.64	15.91
1-47	12.79	148.6	148.7	148.7	738.6	464.0	629.9	.156E+07	292.22	15.91
1-49	12.81	148.6	148.7	148.7	738.6	464.0	630.7	.156E+07	291.66	15.84
50-1	12.82	148.6	148.7	148.7	738.6	464.0	631.3	.156E+07	27.45	1.49

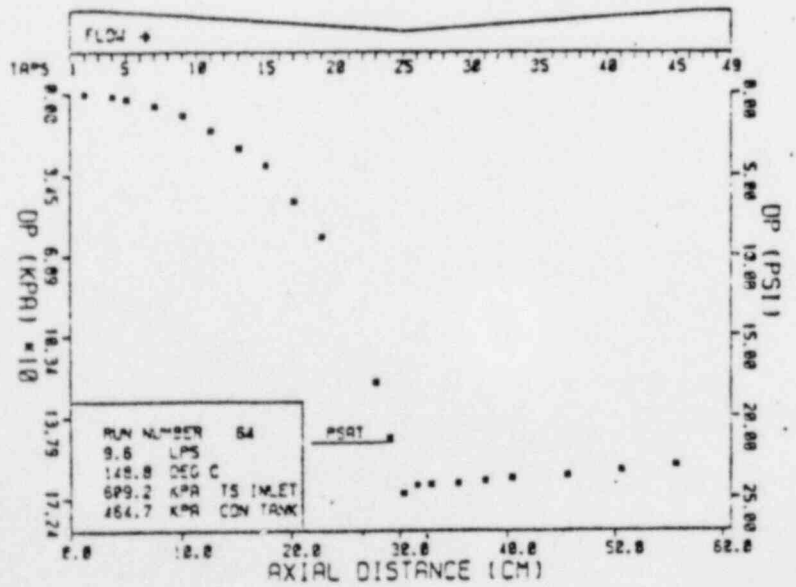


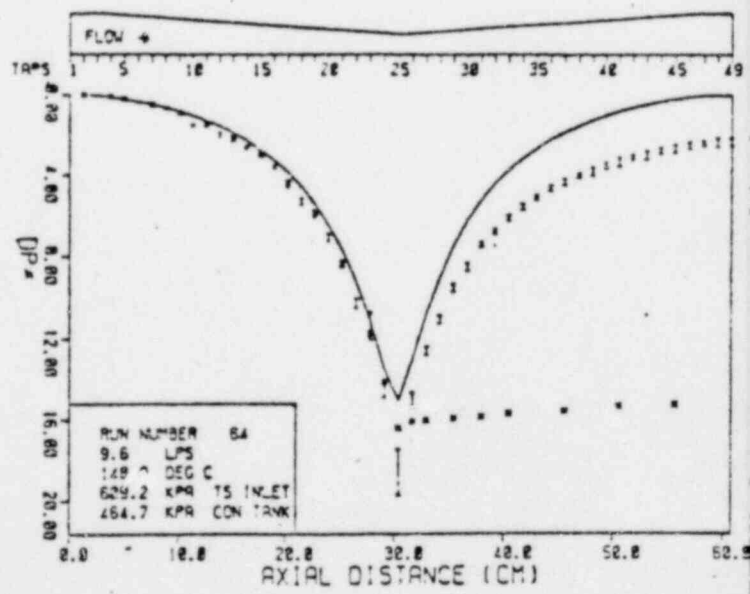


BWL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 64

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.63	138.8	148.8	148.8	609.2	464.7	474.0	.117E+07	.09	.01
1-4	9.62	138.8	148.7	148.7	609.2	464.7	473.8	.117E+07	.79	.08
1-5	9.61	138.8	148.7	148.7	609.2	464.7	473.5	.117E+07	2.10	.20
1-7	9.62	138.8	148.7	148.7	609.2	464.7	473.9	.117E+07	5.04	.49
1-9	9.62	138.8	148.7	148.7	609.2	464.7	473.7	.117E+07	9.12	.88
1-11	9.66	138.8	148.7	148.7	609.2	464.7	475.7	.118E+07	15.47	1.48
1-13	9.64	138.8	148.7	148.7	609.2	464.7	474.6	.118E+07	22.74	2.18
1-15	9.63	138.8	148.8	148.8	609.2	464.7	474.0	.117E+07	30.03	2.89
1-17	9.64	138.1	148.8	148.8	609.2	464.7	474.7	.118E+07	45.33	4.34
1-19	9.66	138.1	148.8	148.8	609.2	464.7	475.8	.118E+07	61.73	5.90
1-21	9.63	138.1	148.8	148.8	609.2	464.7	474.2	.117E+07	86.82	8.34
1-23	9.67	138.1	148.8	148.8	609.2	464.7	476.2	.118E+07	123.11	11.73
1-24	9.62	138.2	148.8	148.8	609.2	464.7	473.6	.117E+07	146.53	14.11
1-25	9.61	138.2	148.8	148.8	609.2	464.7	473.1	.117E+07	170.22	16.43
1-26	9.61	138.2	148.9	148.8	609.2	464.7	473.2	.117E+07	166.90	16.11
1-27	9.62	138.2	148.8	148.8	609.2	464.7	473.5	.117E+07	166.47	16.04
1-29	9.62	138.2	148.8	148.8	609.2	464.7	473.0	.117E+07	166.01	15.97
1-31	9.62	138.3	148.8	148.8	609.2	464.7	473.5	.117E+07	164.87	15.89
1-33	9.64	138.3	148.8	148.8	609.2	464.7	474.7	.118E+07	163.71	15.69
1-37	9.64	138.3	148.8	148.8	609.2	464.7	474.8	.118E+07	162.48	15.57
1-41	9.66	138.3	148.9	148.9	609.2	464.7	475.6	.118E+07	160.46	15.33
1-45	9.62	138.3	148.8	148.8	609.2	464.7	473.5	.117E+07	158.19	15.24
1-49	9.63	138.3	148.9	148.9	609.2	464.7	474.2	.117E+07	154.07	14.80
50-1	9.62	138.4	148.8	148.8	609.2	464.7	473.8	.117E+07	14.82	1.43

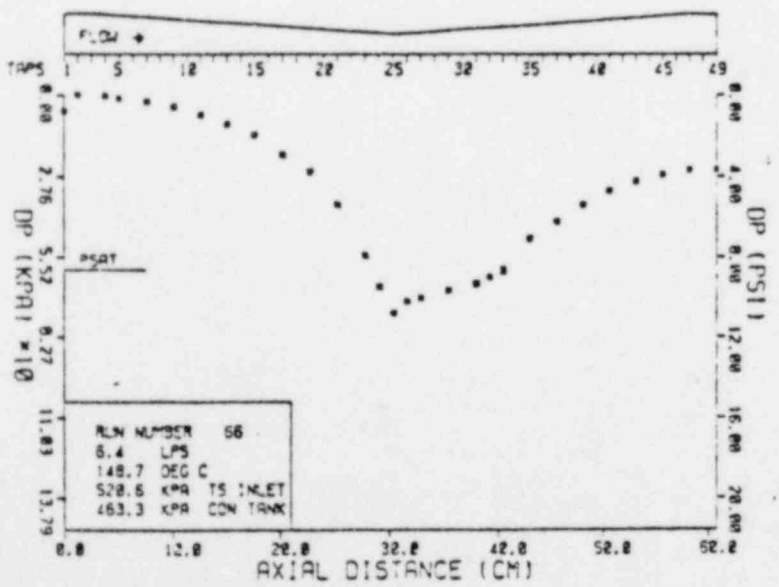


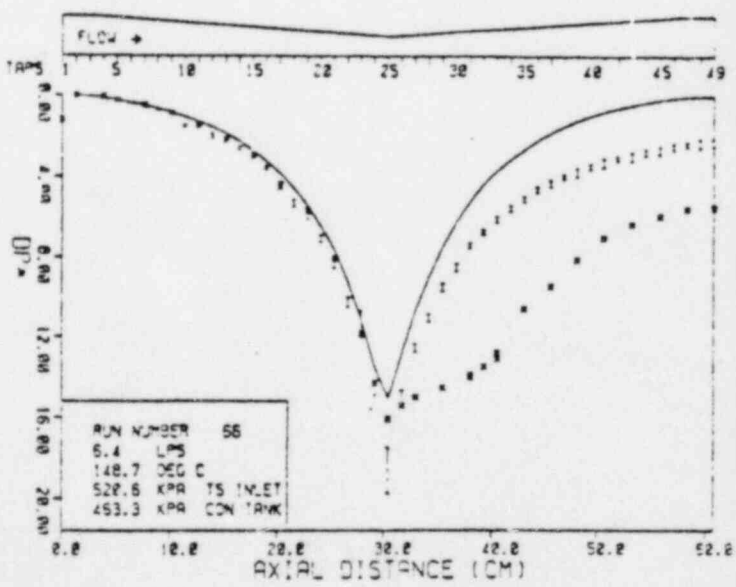


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 66

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	6.39	133.4	148.8	148.7	520.6	463.3	314.9	.780E+06	.02	.00
1-4	6.39	133.4	148.8	148.7	520.6	463.3	314.8	.780E+06	.29	.06
1-4	6.39	133.4	148.8	148.7	520.6	463.3	314.5	.779E+06	.20	.04
1-5	6.37	133.4	148.8	148.8	520.6	463.3	313.8	.777E+06	1.02	.22
1-7	6.43	133.4	148.8	148.8	520.6	463.3	316.8	.785E+06	2.06	.44
1-9	6.38	133.4	148.9	148.8	520.6	463.3	314.3	.779E+06	3.81	.83
1-11	6.39	133.4	148.9	148.8	520.6	463.3	314.5	.779E+06	6.69	1.46
1-13	6.39	133.4	148.8	148.8	520.6	463.3	314.9	.780E+06	9.99	2.18
1-15	6.42	133.4	148.9	148.8	520.6	463.3	315.9	.783E+06	13.57	2.94
1-17	6.39	133.4	148.8	148.8	520.6	463.3	314.7	.780E+06	20.32	4.44
1-19	6.44	133.4	148.8	148.8	520.6	463.3	315.3	.781E+06	25.94	5.64
1-21	6.40	133.4	148.8	148.8	520.6	463.3	314.9	.780E+06	36.95	8.05
1-23	6.41	133.4	148.9	148.8	520.6	463.3	315.6	.782E+06	54.53	11.83
1-24	6.38	133.4	148.8	148.8	520.6	463.3	314.2	.779E+06	65.29	14.29
1-25	6.43	133.4	148.9	148.8	520.6	463.3	316.7	.785E+06	74.63	16.08
1-26	6.39	133.4	148.9	148.8	520.6	463.3	314.3	.779E+06	70.48	15.41
1-27	6.42	133.4	148.9	148.8	520.6	463.3	315.9	.783E+06	69.29	15.00
1-29	6.44	133.4	148.9	148.8	520.6	463.3	315.3	.781E+06	66.85	14.53
1-31	6.41	133.5	148.9	148.8	520.6	463.3	315.4	.782E+06	64.65	14.04
1-33	6.40	133.4	148.8	148.8	520.6	463.3	314.9	.780E+06	60.21	13.12
1-35	6.41	133.4	148.9	148.8	520.6	463.3	315.4	.782E+06	48.83	10.61
1-37	6.36	133.4	148.8	148.8	520.6	463.3	313.0	.776E+06	42.87	9.43
1-39	6.38	133.5	148.8	148.8	520.6	463.3	314.0	.778E+06	37.18	8.13
1-41	6.40	133.5	148.9	148.8	520.6	463.3	315.1	.781E+06	32.27	7.05
1-43	6.41	133.4	148.8	148.8	520.6	463.3	315.4	.782E+06	29.28	6.36
1-45	6.37	133.4	148.8	148.8	520.6	463.3	313.7	.777E+06	26.08	5.92
1-47	6.37	133.4	148.8	148.8	520.6	463.3	313.8	.777E+06	25.44	5.58
1-49	6.40	133.4	148.8	148.8	520.6	463.3	315.2	.781E+06	25.44	5.53
58-1	6.38	133.4	148.8	148.8	520.6	463.3	314.3	.779E+06	5.47	1.20
1-31	6.42	133.4	148.8	148.7	520.6	463.3	316.8	.783E+06	64.20	13.89
1-32	6.40	133.4	148.7	148.7	520.6	463.3	315.2	.781E+06	62.11	13.51
1-33	6.43	133.4	148.7	148.7	520.6	463.3	316.5	.784E+06	59.46	12.83
1-34	6.36	133.3	148.7	148.7	520.6	463.3	313.1	.775E+06	55.25	12.17
1-35	6.39	133.3	148.7	148.6	520.6	463.3	314.6	.779E+06	48.88	10.67

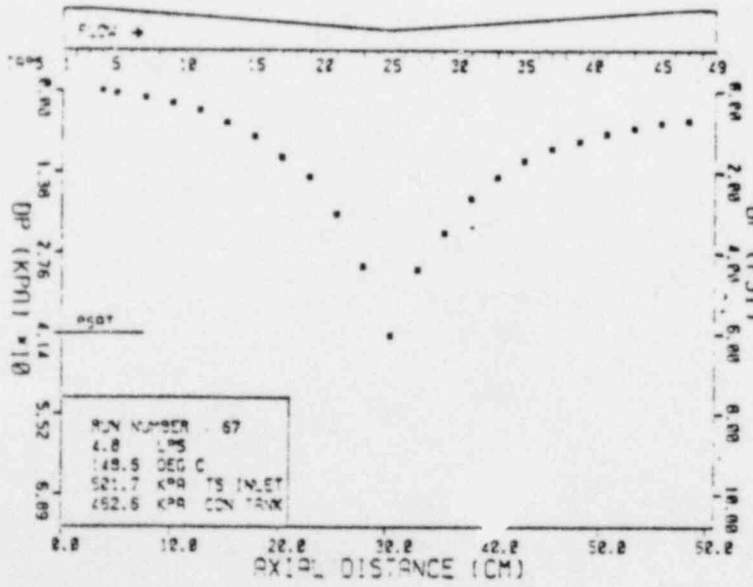


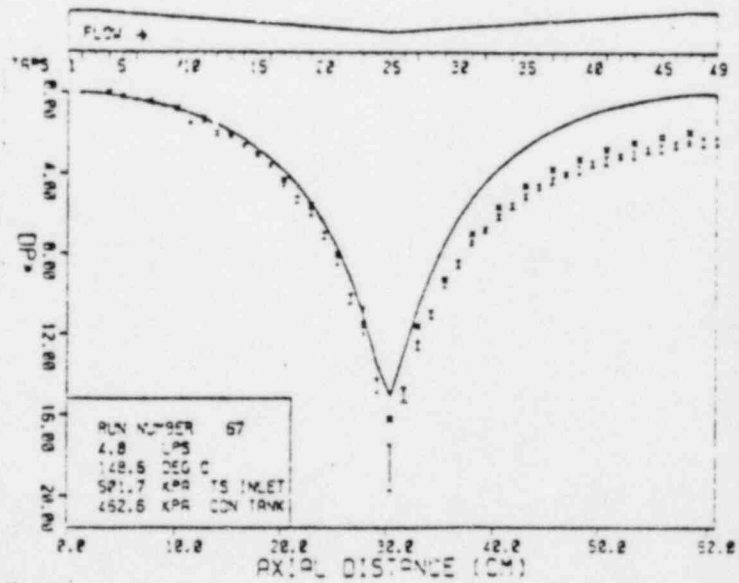


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 67

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	4.82	129.3	149.1	149.0	501.7	462.6	237.2	.589E+06	.06	.02
1-5	4.80	129.2	149.1	149.0	501.7	462.6	236.4	.587E+06	.51	.20
1-7	4.80	129.2	149.1	149.0	501.7	462.6	236.4	.587E+06	1.14	.44
1-9	4.81	129.2	149.2	149.0	501.7	462.6	237.0	.589E+06	2.05	.79
1-11	4.82	129.2	149.0	148.9	501.7	462.6	237.5	.589E+06	3.28	1.26
1-13	4.82	129.1	149.2	148.9	501.7	462.6	237.1	.589E+06	5.41	2.08
1-15	4.80	129.1	148.6	148.8	501.7	462.6	236.3	.585E+06	7.80	3.02
1-17	4.83	129.1	149.1	149.9	501.7	462.6	237.9	.590E+06	11.21	4.28
1-19	4.83	129.0	148.7	148.7	501.7	462.6	238.0	.589E+06	14.54	5.54
1-21	4.83	128.9	148.6	148.7	501.7	462.6	237.8	.586E+06	20.89	7.98
1-23	4.80	128.9	148.6	148.7	501.7	462.6	236.3	.585E+06	29.81	11.54
1-25	4.79	128.8	148.7	148.6	501.7	462.6	235.8	.584E+06	41.68	16.19
1-27	4.83	128.8	148.7	148.6	501.7	462.6	238.0	.589E+06	30.42	11.60
1-29	4.81	128.7	148.5	148.5	501.7	462.6	236.7	.585E+06	24.11	9.30
1-31	4.81	128.7	148.6	148.6	501.7	462.6	237.1	.586E+06	18.18	6.99
1-33	4.81	128.7	148.7	148.5	501.7	462.6	237.0	.587E+06	14.63	5.63
1-35	4.80	128.7	148.6	148.5	501.7	462.6	236.3	.584E+06	11.80	4.57
1-37	4.80	128.7	148.6	148.5	501.7	462.6	236.3	.585E+06	9.71	3.76
1-39	4.80	128.7	148.6	148.5	501.7	462.6	236.3	.585E+06	8.58	3.29
1-41	4.81	128.6	148.7	148.5	501.7	462.6	236.8	.586E+06	7.20	2.77
1-43	4.80	128.6	148.7	148.5	501.7	462.6	236.3	.585E+06	6.28	2.43
1-45	4.81	128.7	148.6	148.5	501.7	462.6	236.7	.586E+06	5.48	2.11
1-47	4.83	128.7	148.6	148.6	501.7	462.6	237.6	.588E+06	4.98	1.91
1-49	4.80	128.7	148.7	148.6	501.7	462.6	236.3	.585E+06	4.66	1.80
50-1	4.81	128.7	148.6	148.6	501.7	462.6	237.1	.587E+06	2.26	.87

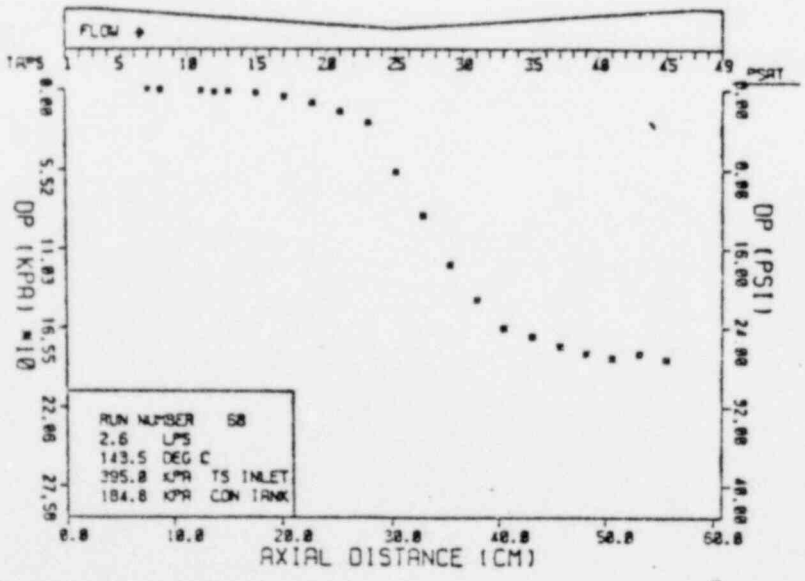


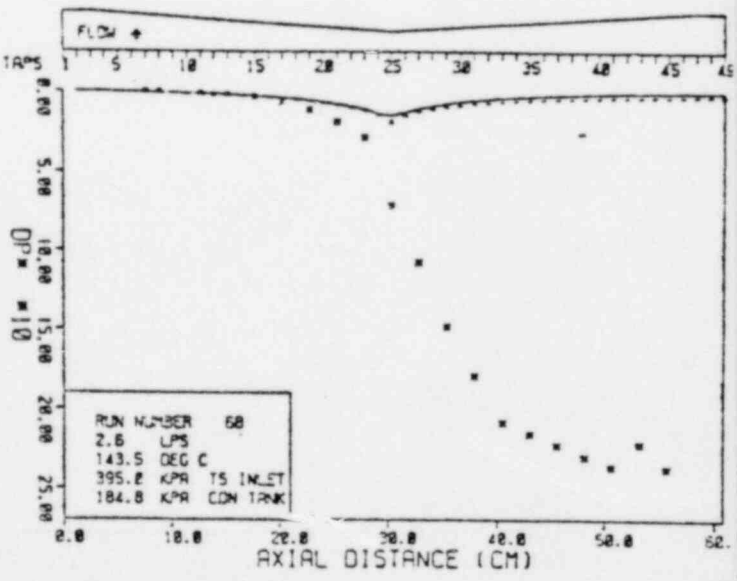


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 68

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-7	2.89	116.7	144.1	120.3	395.0	184.8	137.7	.331E+06	.00	.00
1-8	2.87	116.9	144.1	119.8	395.0	184.8	131.2	.316E+06	.00	.00
1-11	2.81	117.0	144.3	118.1	395.0	184.8	129.7	.310E+06	.71	.92
1-13	2.69	116.1	144.3	118.0	395.0	184.8	122.3	.319E+06	1.49	1.93
1-12	2.64	115.4	143.9	118.0	395.0	184.8	120.2	.313E+06	1.67	2.12
1-15	2.66	115.2	143.9	118.3	395.0	184.8	131.2	.315E+06	2.54	3.17
1-17	2.66	115.6	143.8	117.5	395.0	184.8	131.0	.314E+06	4.91	6.16
1-19	2.68	115.1	143.8	117.5	395.0	184.8	131.7	.316E+06	9.06	11.23
1-21	2.64	114.6	143.6	117.2	395.0	184.8	130.1	.312E+06	14.87	18.59
1-23	2.65	114.4	143.6	117.2	395.0	184.8	130.7	.313E+06	23.72	29.60
1-25	2.66	114.3	143.3	117.5	395.0	184.8	130.9	.313E+06	56.71	71.13
1-27	2.68	114.2	143.4	117.4	395.0	184.8	131.9	.316E+06	86.88	107.42
1-29	2.70	114.3	143.5	117.6	395.0	184.8	132.8	.318E+06	121.39	149.03
1-31	2.69	114.5	143.5	118.1	395.0	184.8	132.2	.317E+06	145.63	179.03
1-33	2.66	114.6	143.5	117.7	395.0	184.8	130.9	.313E+06	165.67	207.94
1-35	2.66	114.6	143.6	117.7	395.0	184.8	130.9	.314E+06	171.64	215.37
1-37	2.67	114.6	143.6	118.0	395.0	184.8	131.3	.315E+06	178.11	223.16
1-39	2.66	114.6	143.4	117.8	395.0	184.8	130.9	.313E+06	183.12	229.46
1-41	2.65	114.5	143.6	117.7	395.0	184.8	130.3	.312E+06	186.17	235.33
1-43	2.71	114.5	143.5	117.7	395.0	184.8	133.4	.319E+06	183.42	231.71
1-45	2.65	114.4	143.4	117.8	395.0	184.8	130.3	.312E+06	187.30	236.99
1-47	2.64	114.4	143.4	117.8	395.0	184.8	129.9	.311E+06	186.14	237.18
1-49	2.65	114.4	143.5	118.0	395.0	184.8	130.3	.312E+06	187.84	237.74

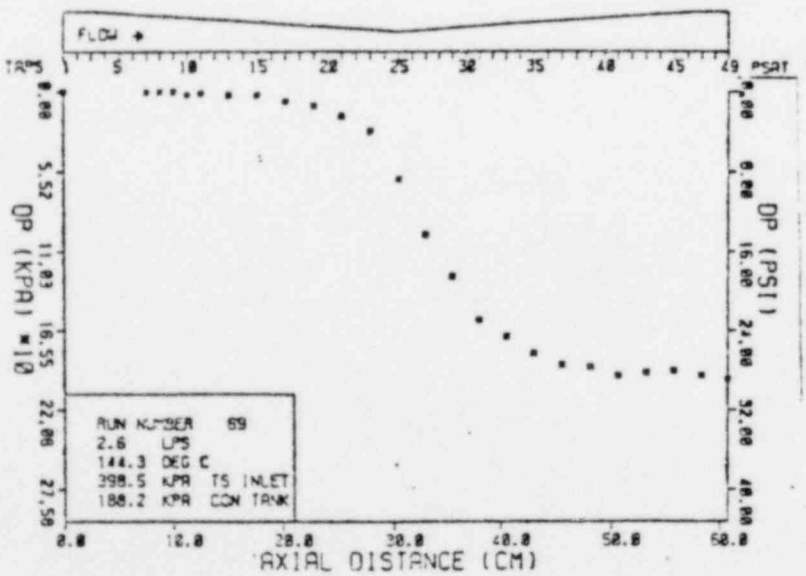


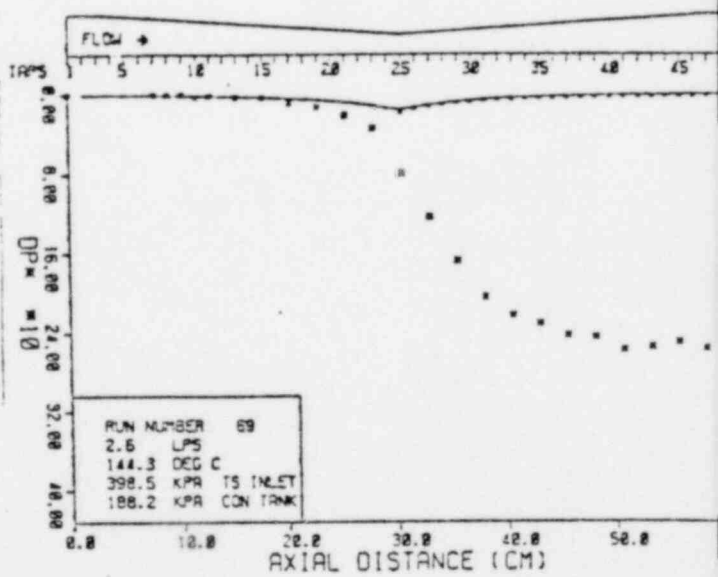


BNL FLASHING FLOWS [illegible] KENT
PRESSURE DROP DAT
TEST SECTION # -

RUN NUMBER 69

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-7	2.62	115.3	144.6	118.6	398.5	188.2	129.0	.311E+06	.00	.00
1-8	2.63	115.2	144.4	118.8	398.5	188.2	129.3	.311E+06	.00	.00
1-9	2.64	115.3	144.3	118.7	398.5	188.2	130.0	.313E+06	.00	.00
1-10	2.61	115.3	144.3	118.6	398.5	188.2	128.6	.310E+06	1.86	2.41
1-11	2.61	115.2	144.3	118.8	398.5	188.2	128.4	.309E+06	1.03	1.34
1-13	2.62	115.2	144.5	118.6	398.5	188.2	128.8	.310E+06	2.08	2.69
1-15	2.63	115.3	144.4	118.7	398.5	188.2	129.4	.312E+06	2.36	3.04
1-17	2.63	115.1	144.4	118.6	398.5	188.2	129.5	.312E+06	5.32	6.87
1-19	2.65	115.1	144.3	118.4	398.5	188.2	130.5	.314E+06	9.68	12.23
1-21	2.62	115.0	144.4	118.5	398.5	188.2	128.9	.311E+06	16.44	21.28
1-23	2.65	115.1	144.4	118.6	398.5	188.2	130.6	.315E+06	27.00	34.84
1-25	2.60	115.0	144.3	118.5	398.5	188.2	128.3	.309E+06	60.12	78.64
1-27	2.66	115.1	144.2	118.5	398.5	188.2	130.8	.315E+06	98.34	128.61
1-29	2.60	115.1	144.5	118.5	398.5	188.2	128.0	.308E+06	127.57	167.61
1-31	2.62	115.1	144.4	118.5	398.5	188.2	129.1	.311E+06	157.94	205.99
1-33	2.60	114.9	144.5	118.5	398.5	188.2	128.1	.309E+06	169.57	222.48
1-35	2.64	115.0	144.4	118.6	398.5	188.2	129.9	.313E+06	181.81	238.69
1-37	2.63	115.0	144.4	118.5	398.5	188.2	129.6	.312E+06	189.28	242.50
1-39	2.63	115.0	144.3	118.4	398.5	188.2	129.6	.312E+06	190.59	241.81
1-41	2.61	114.9	144.3	118.6	398.5	188.2	128.4	.309E+06	196.73	257.37
1-43	2.61	115.1	144.4	118.5	398.5	188.2	128.4	.309E+06	194.74	254.18
1-45	2.62	115.1	144.3	118.6	398.5	188.2	129.2	.311E+06	193.36	249.14
1-47	2.61	115.0	144.2	118.5	398.5	188.2	128.7	.310E+06	196.63	255.50
1-49	2.65	115.0	144.6	118.5	398.5	188.2	130.3	.314E+06	199.25	252.53
50-1	2.64	115.0	144.4	118.6	398.5	188.2	129.8	.313E+06	.00	.00
1-50	2.60	115.0	144.6	118.5	398.5	188.2	127.9	.308E+06	1.76	2.32
1-7	2.63	115.0	144.3	118.6	398.5	188.2	129.3	.311E+06	.00	.00
1-7	2.63	115.1	144.4	118.4	398.5	188.2	129.7	.313E+06	.00	.00
1-9	2.60	114.9	144.3	118.4	398.5	188.2	128.2	.309E+06	.00	.00
1-10	2.62	114.9	144.3	118.2	398.5	188.2	129.1	.311E+06	1.80	2.33





APPENDIX C

PRESSURE AND VOID FRACTION DISTRIBUTIONS UNDER FLASHING CONDITIONS

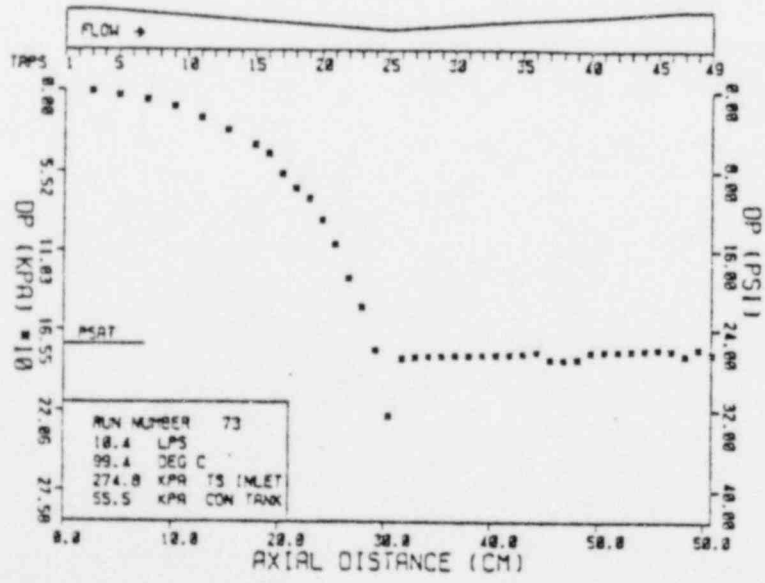
RUN	p_{in}(kPa)	T_{in}(^{o}C)	G(Mg/m^{2}s)	p_{ct}(kPa)	T_{ct}(^{o}C)
72	----	----	----	----	----
73	275.	99.4	4.90	56.	87.9
731*	281.	99.4	4.88	52.	88.0
732*	285.	99.4	4.93	52.	87.9
733*	288.	99.4	4.91	53.	88.2
734*	287.	99.4	4.91	54.	88.0
735*	287.	99.4	4.91	55.	88.1
736	287.	99.4	4.90	54.	88.0
737*	287.	99.4	4.91	54.	87.9
74	285.	99.3	4.90	56.	87.9
75	395.	99.3	6.04	57.	88.5
761	396.	99.3	6.04	60.	88.7
762	393.	99.3	6.05	62.	88.0
763	392.	99.3	6.06	65.	88.0
77	157.	99.3	3.06	65.	88.7
771	157.	99.4	3.03	69.	88.3
78	138.	99.3	2.61	71.	88.0
782	138.	99.3	2.61	71.	88.1
79	124.	99.4	2.27	72.	88.2
791	126.	99.4	2.26	73.	88.1
792	126.	99.4	2.26	83.	88.1
80	585.	148.3	4.36	436.	143.5
803	579.	148.3	4.32	432.	143.5
81	493.	148.3	2.91	432.	144.0
811	493.	148.3	2.91	432.	144.7
814	492.	148.3	2.91	428.	144.1
82	376.	142.3	2.36	174.	111.6
823	377.	142.4	2.32	176.	110.9
83	352.	140.0	2.30	150.	107.9
833	348.	139.5	2.29	145.	107.1

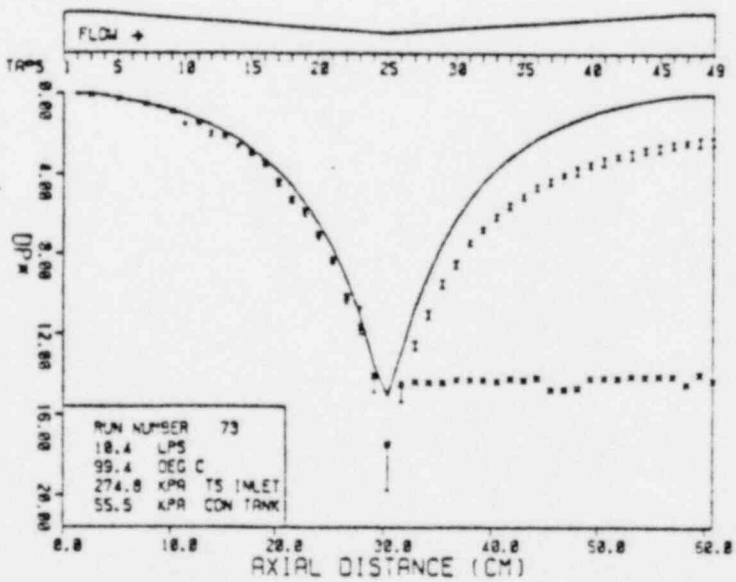
*Runs 731 through 737 are subsets of Run 73 as are other runs in the hundreds subsets of their decade base.

BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 73

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	10.44	96.4	99.4	88.0	275.2	55.6	514.0	.872E+06	.84	.07
1-5	10.40	96.3	99.4	88.3	275.3	56.3	512.0	.868E+06	3.57	.28
1-7	10.44	96.3	99.4	87.7	275.3	56.1	514.3	.872E+06	6.53	.51
1-9	10.40	96.4	99.4	87.8	275.2	56.2	512.3	.869E+06	11.04	.87
1-11	10.42	96.3	99.4	87.7	275.4	56.4	513.3	.870E+06	18.63	1.46
1-13	10.43	96.3	99.4	88.4	275.7	55.6	513.5	.871E+06	27.06	2.12
1-15	10.47	96.3	99.4	87.8	274.5	55.9	515.3	.874E+06	36.57	2.88
1-16	10.39	96.3	99.4	87.8	275.3	56.0	511.5	.867E+06	42.06	3.40
1-17	10.42	96.3	99.4	87.9	274.0	56.0	513.2	.870E+06	56.88	4.47
1-18	10.46	96.3	99.4	87.8	274.8	55.8	515.2	.874E+06	67.13	5.23
1-19	10.45	96.3	99.4	88.3	275.1	55.5	514.4	.872E+06	74.03	5.79
1-20	10.43	96.3	99.4	87.8	274.1	55.8	513.7	.871E+06	88.73	6.96
1-21	10.44	96.3	99.4	87.9	275.5	55.7	513.9	.872E+06	105.99	8.31
1-22	10.44	96.3	99.4	87.7	274.8	55.9	514.2	.872E+06	129.88	10.17
1-23	10.46	96.3	99.4	87.6	274.8	56.1	515.3	.874E+06	149.86	11.68
1-24	10.45	96.3	99.4	87.9	274.3	55.9	514.3	.872E+06	179.55	14.05
1-25	10.48	96.4	99.4	88.7	282.4	54.8	516.0	.875E+06	224.14	17.42
1-26	10.44	96.4	99.4	87.8	273.6	55.7	514.3	.872E+06	184.92	14.47
1-27	10.46	96.3	99.4	87.8	274.2	55.3	515.0	.873E+06	184.11	14.37
1-28	10.44	96.3	99.4	88.0	276.0	55.5	514.0	.872E+06	183.80	14.40
1-29	10.43	96.3	99.4	87.8	274.3	55.8	513.8	.871E+06	183.56	14.39
1-30	10.46	96.4	99.4	88.4	275.7	55.2	514.9	.873E+06	183.06	14.29
1-31	10.46	96.3	99.4	88.0	274.5	55.4	515.0	.874E+06	183.08	14.28
1-32	10.46	96.3	99.4	87.7	275.3	55.5	514.9	.873E+06	182.94	14.29
1-33	10.44	96.4	99.4	87.6	274.6	55.9	514.0	.872E+06	182.93	14.33
1-34	10.47	96.3	99.4	87.9	274.6	55.9	515.6	.874E+06	182.47	14.21
1-35	10.43	96.3	99.4	88.3	274.6	55.3	513.5	.871E+06	181.96	14.24
1-36	10.45	96.3	99.4	88.0	276.0	55.4	514.8	.873E+06	181.25	14.15
1-37	10.38	96.3	99.4	87.7	277.3	55.4	510.9	.866E+06	185.91	14.74
1-38	10.39	96.3	99.4	87.6	277.5	55.5	511.8	.868E+06	186.23	14.71
1-39	10.39	96.3	99.4	87.9	278.1	55.6	511.7	.868E+06	185.50	14.66
1-40	10.44	96.3	99.4	88.4	272.9	55.0	514.0	.872E+06	180.97	14.18
1-41	10.43	96.4	99.4	87.5	274.1	55.2	513.5	.871E+06	180.38	14.16
1-42	10.42	96.3	99.4	88.0	273.9	55.1	513.2	.870E+06	180.48	14.18
1-43	10.45	96.3	99.4	88.8	274.1	54.5	514.6	.873E+06	180.10	14.07
1-44	10.42	96.4	99.4	88.0	274.0	55.2	513.2	.870E+06	179.58	14.11
1-45	10.42	96.3	99.4	87.6	273.6	55.2	513.3	.870E+06	179.25	14.09
1-46	10.44	96.3	99.4	87.8	274.8	55.1	514.2	.872E+06	179.95	14.09
1-47	10.38	96.3	99.4	87.6	279.1	54.9	511.3	.867E+06	183.04	14.49
1-48	10.44	96.3	99.4	88.0	274.9	55.1	514.2	.872E+06	178.67	13.99
1-49	10.43	96.3	99.3	87.5	274.6	54.7	513.7	.871E+06	182.13	14.28
50-1	10.37	96.3	99.4	87.7	277.3	54.8	510.7	.866E+06	17.94	1.42

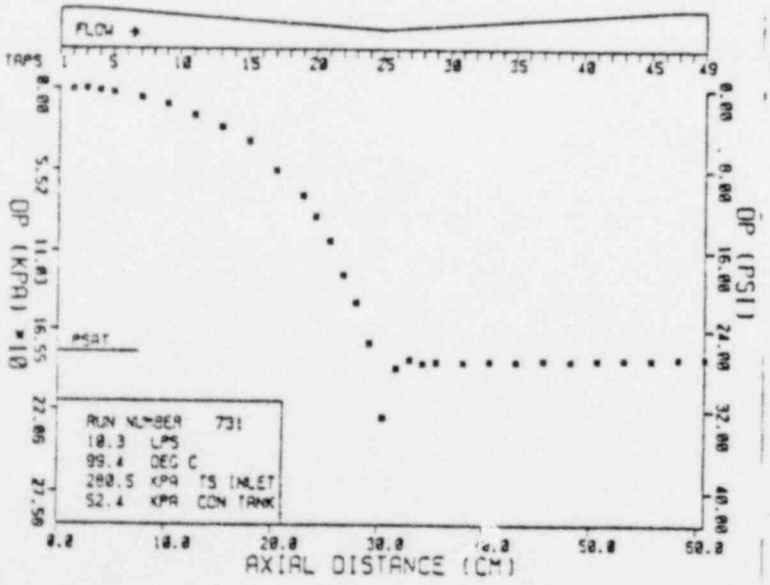


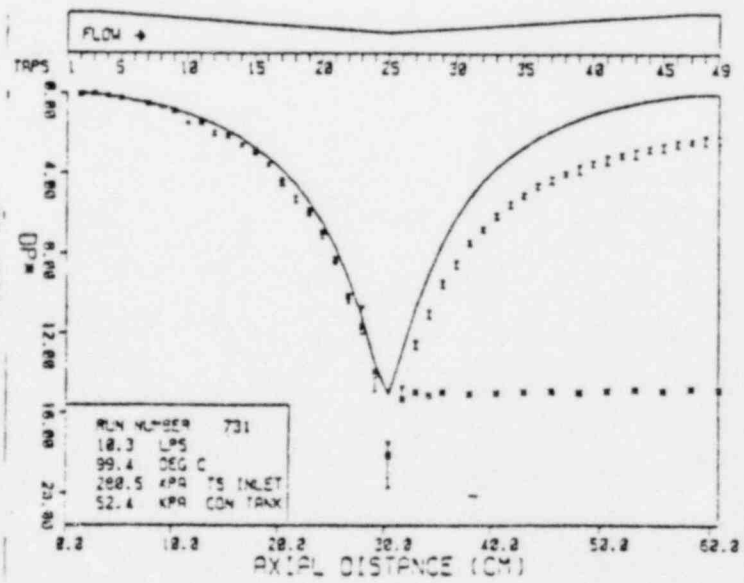


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 731

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	10.33	96.2	99.4	88.1	280.7	52.3	508.5	.862E+06	.43	.03
1-3	10.33	96.2	99.4	87.7	279.7	52.6	508.7	.863E+06	.00	.00
1-4	10.35	96.2	99.4	87.6	280.5	52.5	509.8	.865E+06	1.29	.10
1-5	10.33	96.3	99.4	88.4	279.8	51.5	508.8	.863E+06	2.81	.22
1-7	10.33	96.3	99.4	88.3	281.3	52.1	508.9	.863E+06	6.08	.49
1-9	10.34	96.3	99.4	88.2	281.1	52.2	509.1	.863E+06	10.66	.85
1-11	10.32	96.2	99.4	88.0	280.8	52.4	508.3	.862E+06	18.16	1.45
1-13	10.30	96.3	99.4	87.8	280.8	52.4	507.2	.860E+06	26.43	2.13
1-15	10.33	96.3	99.4	88.0	280.2	52.2	508.8	.863E+06	35.76	2.86
1-17	10.32	96.3	99.4	87.8	281.0	52.3	508.3	.862E+06	55.82	4.47
1-19	10.33	96.3	99.4	87.9	279.8	52.4	508.5	.862E+06	72.49	5.80
1-20	10.36	96.3	99.4	87.8	281.3	52.4	509.9	.865E+06	86.61	6.89
1-21	10.32	96.3	99.4	87.7	280.7	52.5	508.3	.862E+06	103.05	8.25
1-22	10.31	96.3	99.4	87.9	280.7	52.6	507.9	.861E+06	126.62	10.16
1-23	10.33	96.3	99.4	87.9	281.1	52.5	508.8	.863E+06	145.82	11.65
1-24	10.35	96.3	99.4	87.8	281.4	52.6	509.6	.864E+06	174.49	13.90
1-25	10.30	96.3	99.4	87.8	279.2	52.6	507.0	.860E+06	225.19	18.13
1-26	10.35	96.3	99.4	88.0	278.9	52.7	509.6	.864E+06	192.09	15.31
1-27	10.31	96.3	99.4	87.8	280.1	52.7	507.6	.861E+06	186.18	14.95
1-28	10.32	96.3	99.4	87.8	280.3	52.8	508.1	.862E+06	188.68	15.12
1-29	10.33	96.3	99.4	87.6	279.5	52.7	508.9	.863E+06	187.47	14.98
1-31	10.32	96.3	99.4	88.7	279.3	52.2	508.8	.861E+06	187.84	15.06
1-33	10.32	96.3	99.4	88.1	280.4	52.3	508.1	.862E+06	187.27	15.02
1-35	10.35	96.3	99.4	87.9	281.2	52.4	509.8	.864E+06	187.52	14.93
1-37	10.33	96.3	99.4	87.9	280.4	52.6	508.9	.863E+06	186.51	14.91
1-39	10.32	96.3	99.4	87.7	280.8	52.7	508.2	.862E+06	186.82	14.97
1-41	10.33	96.3	99.4	87.8	281.4	52.6	508.6	.863E+06	186.29	14.90
1-43	10.34	96.3	99.4	89.5	280.1	51.9	509.1	.863E+06	185.85	14.84
1-45	10.32	96.3	99.4	88.5	279.8	52.3	508.3	.862E+06	185.92	14.89
1-47	10.34	96.3	99.4	88.2	280.2	52.4	509.8	.863E+06	185.18	14.79
1-49	10.30	96.3	99.4	88.2	280.9	52.6	507.3	.860E+06	184.80	14.86
50-1	10.32	96.3	99.4	87.9	281.5	52.7	508.2	.862E+06	17.71	1.42

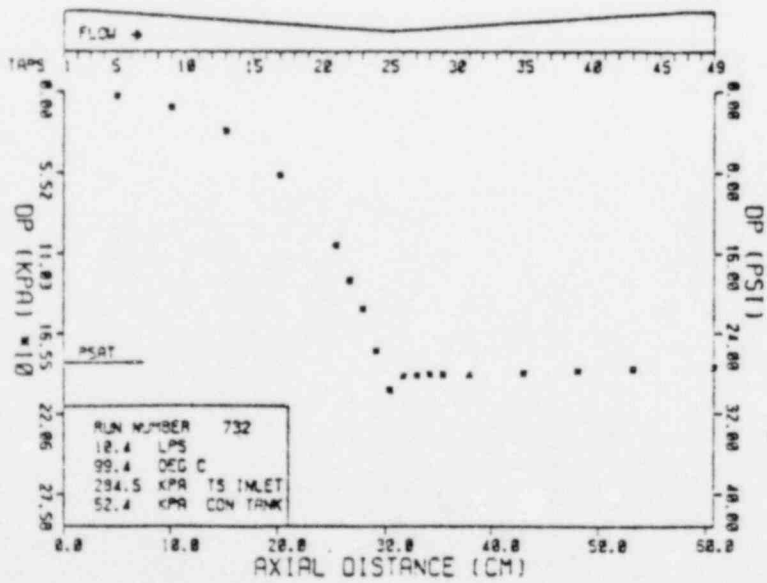


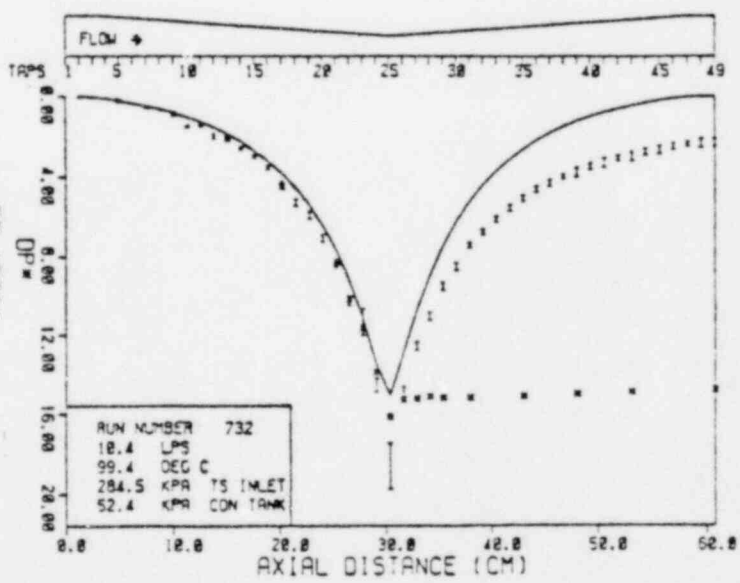


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 732

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	10.44	[illegible]	99.4	88.1	284.8	52.5	514.2	.872E+06	2.65	.21
1-9	10.41	96.4	99.4	88.1	284.7	52.1	512.4	.869E+06	10.79	.85
1-13	10.42	96.3	99.3	87.7	283.7	52.2	513.3	.870E+06	26.88	2.11
1-17	10.42	96.3	99.3	87.8	283.8	52.3	513.1	.870E+06	56.94	4.48
1-21	10.43	96.3	99.3	87.6	284.3	52.2	513.6	.870E+06	104.94	8.23
1-22	10.40	96.3	99.3	87.9	283.5	52.4	512.3	.868E+06	128.94	10.17
1-23	10.42	96.3	99.3	87.6	285.2	52.4	513.2	.870E+06	148.43	11.66
1-24	10.45	96.3	99.3	87.7	284.4	52.6	514.4	.872E+06	177.34	13.87
1-25	10.40	96.3	99.4	88.2	283.6	52.3	512.0	.868E+06	204.39	16.14
1-26	10.43	96.3	99.4	87.7	283.6	52.4	513.4	.871E+06	194.83	15.30
1-27	10.43	96.3	99.4	87.9	284.8	52.6	513.4	.870E+06	194.14	15.24
1-28	10.44	96.4	99.4	87.8	285.3	52.6	514.0	.872E+06	193.27	15.14
1-29	10.43	96.3	99.4	88.0	284.7	52.2	513.5	.871E+06	193.66	15.20
1-31	10.43	96.4	99.4	88.2	285.0	52.3	513.8	.871E+06	193.77	15.19
1-35	10.43	96.4	99.4	88.1	284.3	52.5	513.4	.870E+06	192.67	15.13
1-39	10.44	96.4	99.4	87.8	285.9	52.6	513.9	.871E+06	191.51	15.01
1-43	10.42	96.4	99.4	87.5	284.4	52.6	513.0	.870E+06	189.91	14.92
1-49	10.43	96.3	99.4	88.3	285.0	52.2	513.5	.871E+06	188.91	14.83
50-1	10.44	96.3	99.4	88.5	285.0	52.4	514.2	.872E+06	17.83	1.40

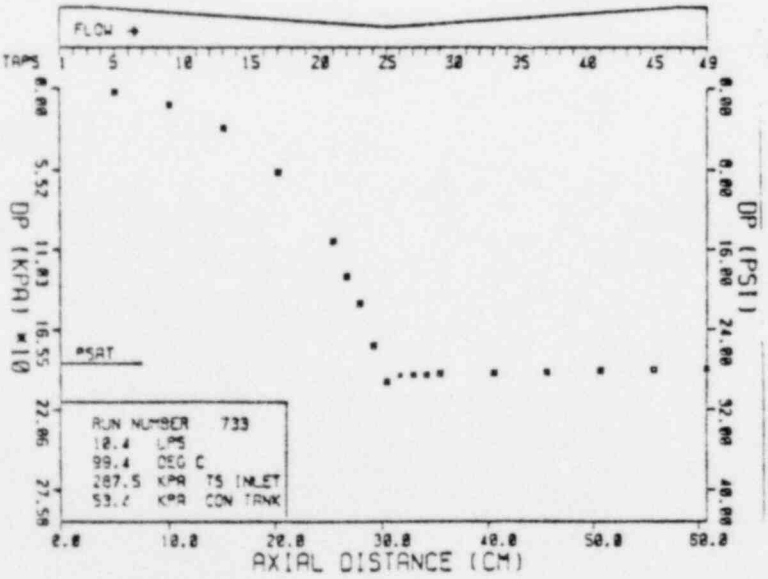


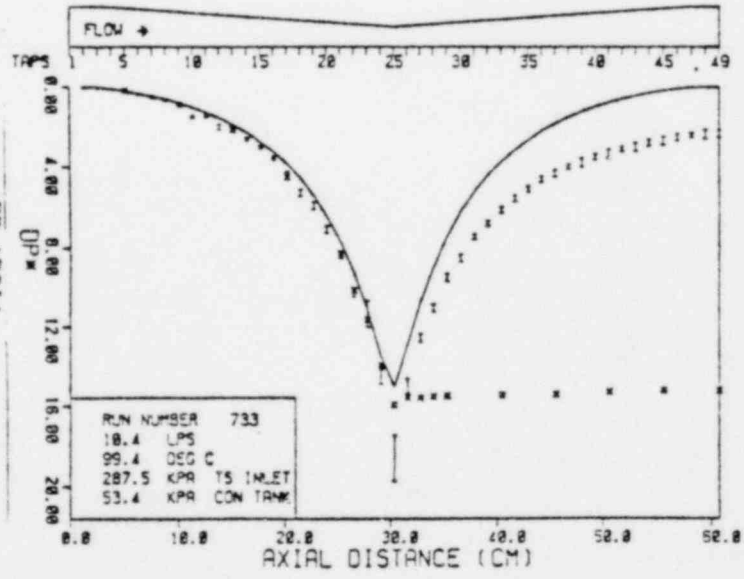


BML FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 733

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	10.37	96.4	99.4	87.9	288.9	53.3	510.9	.866E+06	2.62	.21
1-9	10.37	96.3	99.4	87.7	287.7	53.4	510.7	.866E+06	11.03	.88
1-13	10.38	96.4	99.4	88.0	288.2	53.5	511.1	.867E+06	26.71	2.12
1-17	10.39	96.4	99.4	88.4	287.5	53.1	511.6	.867E+06	56.60	4.48
1-21	10.37	96.4	99.4	88.1	287.4	53.3	510.5	.866E+06	104.29	8.24
1-22	10.40	96.4	99.4	87.7	287.8	53.5	512.2	.869E+06	128.41	10.13
1-23	10.40	96.4	99.4	88.3	288.1	53.1	512.1	.868E+06	147.48	11.64
1-24	10.39	96.4	99.4	88.2	287.4	53.3	511.6	.868E+06	176.84	13.97
1-25	10.38	96.4	99.4	88.3	286.2	53.4	511.4	.868E+06	201.29	15.93
1-26	10.39	96.4	99.4	88.0	287.5	53.5	511.6	.868E+06	197.03	15.58
1-27	10.36	96.4	99.4	88.4	288.1	53.5	510.3	.865E+06	196.66	15.61
1-28	10.40	96.4	99.4	87.9	287.2	53.6	512.2	.869E+06	197.02	15.54
1-29	10.37	96.4	99.4	88.0	287.4	53.7	510.7	.866E+06	195.72	15.53
1-33	10.38	96.4	99.4	87.8	287.3	53.6	511.1	.866E+06	195.47	15.48
1-37	10.37	96.4	99.4	87.7	287.4	53.7	510.6	.866E+06	194.60	15.45
1-41	10.40	96.4	99.4	89.2	287.8	53.1	512.0	.868E+06	193.92	15.31
1-45	10.40	96.4	99.4	88.7	288.1	53.4	512.2	.868E+06	193.18	15.23
1-49	10.37	96.4	99.4	88.6	286.9	53.6	510.9	.866E+06	192.47	15.26
50-1	10.38	96.4	99.4	88.3	286.8	53.7	511.4	.867E+06	17.86	1.44

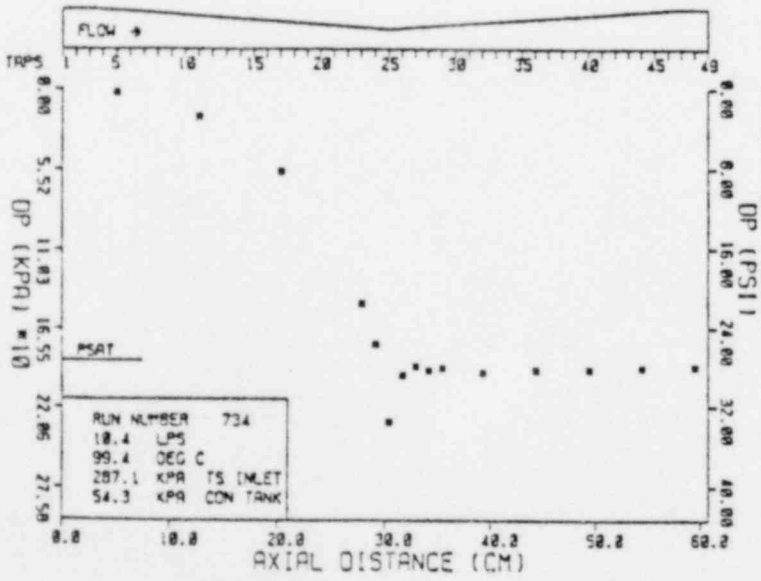


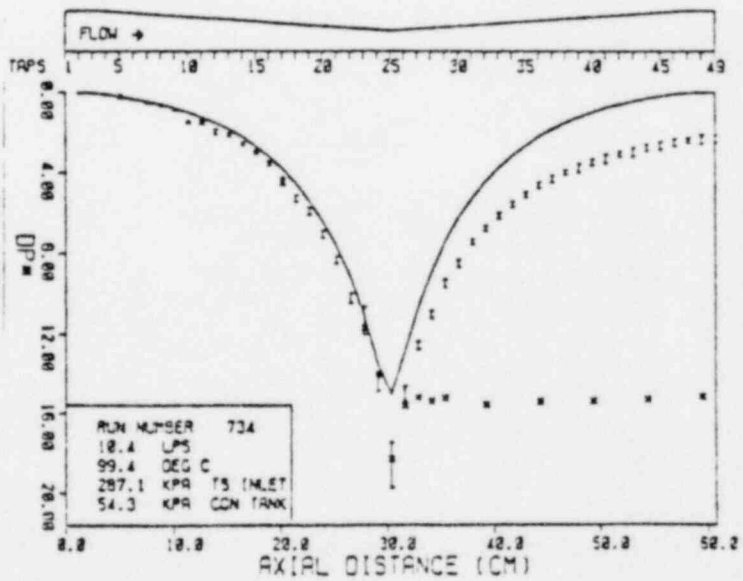


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 734

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	10.36	96.3	99.4	88.0	287.5	54.1	510.0	.865E+06	2.56	.20
1-11	10.39	96.3	99.4	88.0	287.0	54.1	511.4	.867E+06	18.67	1.48
1-17	10.37	96.4	99.4	87.9	287.3	54.2	510.9	.866E+06	56.49	4.48
1-23	10.38	96.3	99.4	88.1	287.2	54.3	511.2	.867E+06	147.77	11.70
1-24	10.38	96.3	99.4	88.0	287.0	54.3	511.3	.867E+06	176.53	13.97
1-25	10.38	96.3	99.4	88.0	288.2	54.3	511.0	.866E+06	230.94	18.31
1-26	10.41	96.3	99.4	88.0	286.9	54.4	512.7	.869E+06	198.41	15.62
1-27	10.39	96.3	99.4	87.5	287.8	54.5	511.7	.868E+06	192.33	15.20
1-28	10.40	96.3	99.4	88.6	286.7	54.0	512.0	.868E+06	194.86	15.39
1-29	10.42	96.3	99.4	88.3	285.0	54.2	513.0	.870E+06	193.49	15.22
1-32	10.39	96.3	99.4	88.0	287.7	54.3	511.9	.868E+06	196.70	15.54
1-36	10.39	96.3	99.4	88.2	287.7	54.4	511.8	.868E+06	194.96	15.40
1-40	10.39	96.3	99.4	88.1	286.9	54.4	511.5	.867E+06	194.41	15.38
1-44	10.38	96.3	99.4	87.9	287.4	54.5	511.3	.867E+06	193.52	15.32
1-48	10.41	96.3	99.4	88.0	286.9	54.6	512.4	.869E+06	192.69	15.19
50-1	10.40	96.3	99.4	87.9	286.3	54.5	512.0	.868E+06	17.96	1.42

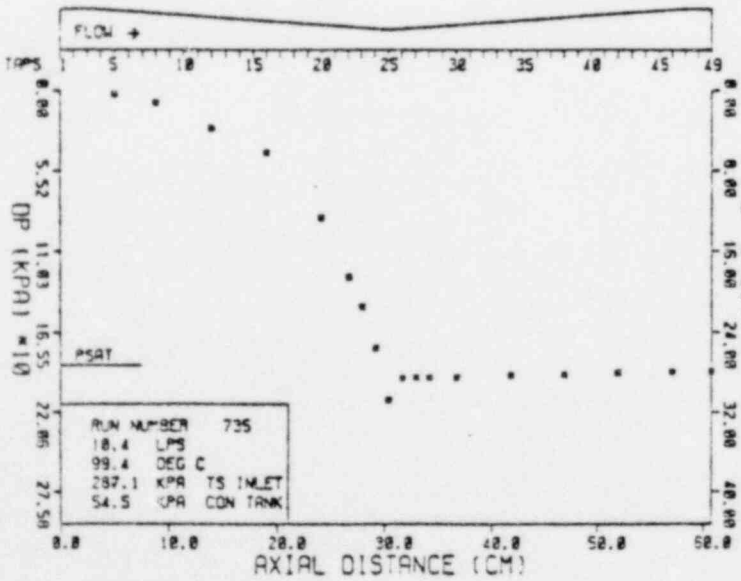


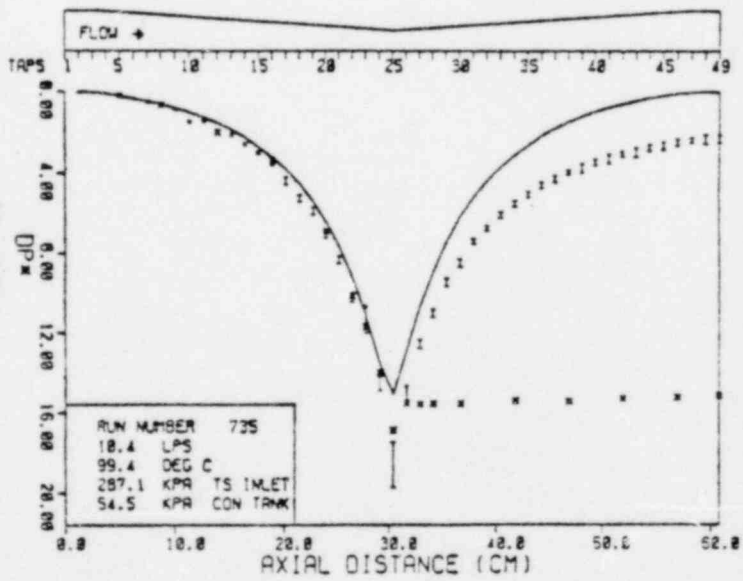


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 735

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-5	10.36	96.3	99.4	88.1	286.9	54.2	510.3	.865E+06	2.49	.20
1-8	10.37	96.3	99.3	88.3	286.0	54.4	510.5	.865E+06	8.30	.66
1-12	10.38	96.3	99.4	88.1	287.5	54.4	511.0	.866E+06	25.53	2.02
1-16	10.38	96.3	99.4	88.3	287.0	54.5	511.0	.866E+06	42.67	3.38
1-20	10.40	96.3	99.3	88.0	287.1	54.5	511.9	.868E+06	87.39	6.90
1-22	10.38	96.3	99.4	87.7	286.8	54.6	510.9	.866E+06	128.08	10.15
1-23	10.38	96.3	99.4	88.0	287.5	54.5	511.1	.866E+06	147.78	11.71
1-24	10.37	96.3	99.4	88.2	287.1	54.6	510.5	.866E+06	175.94	13.97
1-25	10.35	96.3	99.4	88.2	286.6	54.7	509.9	.864E+06	212.01	16.88
1-26	10.40	96.3	99.4	88.2	286.8	54.4	512.2	.868E+06	197.00	15.54
1-27	10.38	96.3	99.4	88.0	286.9	54.6	511.2	.867E+06	196.48	15.56
1-28	10.39	96.3	99.4	88.1	287.7	54.6	511.7	.868E+06	196.56	15.54
1-30	10.39	96.3	99.4	88.1	287.8	54.7	511.7	.868E+06	196.69	15.55
1-34	10.40	96.3	99.4	88.3	288.3	54.8	512.0	.868E+06	194.99	15.40
1-38	10.38	96.3	99.4	88.3	286.4	54.3	510.9	.866E+06	194.46	15.42
1-42	10.38	96.3	99.4	88.1	287.2	54.5	511.2	.867E+06	193.29	15.31
1-46	10.38	96.3	99.4	88.1	286.3	54.6	511.3	.867E+06	192.64	15.25
1-49	10.41	96.3	99.4	87.9	288.3	54.6	512.5	.869E+06	192.21	15.14
50-1	10.39	96.3	99.4	87.6	287.0	54.6	511.4	.867E+06	17.92	1.42

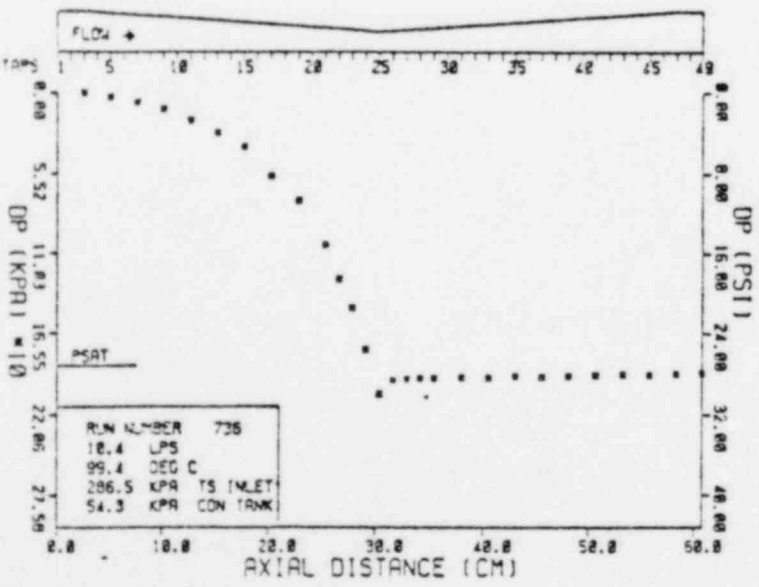


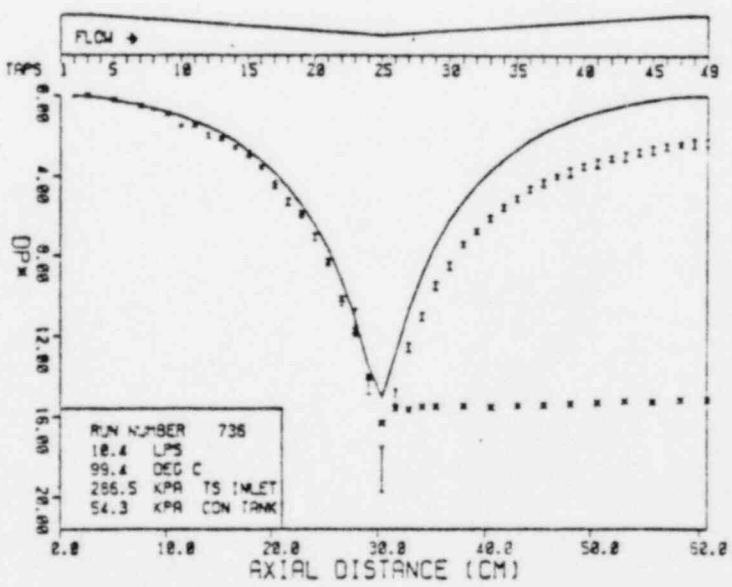


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 736

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	10.37	96.3	99.4	88.1	286.4	54.2	510.5	.865E+06	.00	.00
1-5	10.41	96.3	99.4	88.2	286.9	54.4	512.4	.869E+06	2.67	.21
1-7	10.37	96.3	99.4	88.1	286.2	54.5	510.9	.866E+06	6.24	.50
1-9	10.39	96.3	99.4	88.0	287.9	54.5	511.7	.868E+06	11.14	.88
1-11	10.36	96.3	99.3	87.5	285.6	54.6	510.1	.865E+06	18.44	1.47
1-13	10.40	96.3	99.3	87.9	286.6	54.4	512.1	.868E+06	26.77	2.11
1-15	10.38	96.3	99.4	88.3	285.6	54.1	511.1	.867E+06	36.29	2.87
1-17	10.39	96.3	99.4	87.7	285.9	54.3	511.7	.867E+06	56.02	4.45
1-19	10.39	96.3	99.4	87.9	286.6	54.4	511.8	.868E+06	73.28	5.79
1-21	10.37	96.3	99.3	87.6	286.0	54.4	510.8	.866E+06	104.11	8.26
1-23	10.37	96.3	99.4	88.2	287.0	54.1	510.9	.866E+06	128.05	10.15
1-25	10.37	96.3	99.4	88.2	285.4	54.2	510.8	.866E+06	147.91	11.73
1-24	10.37	96.3	99.3	88.2	286.6	54.3	510.5	.865E+06	176.32	14.00
1-25	10.39	96.3	99.4	87.9	286.0	54.3	511.7	.867E+06	206.25	16.30
1-26	10.39	96.3	99.3	87.9	287.1	54.4	511.7	.867E+06	197.02	15.57
1-27	10.35	96.3	99.4	87.8	285.7	54.4	509.9	.864E+06	196.45	15.64
1-28	10.39	96.3	99.4	87.9	285.7	54.4	511.5	.867E+06	195.88	15.49
1-29	10.39	96.3	99.3	88.2	287.9	53.9	511.6	.867E+06	195.89	15.49
1-31	10.38	96.3	99.4	88.1	286.5	54.0	511.3	.867E+06	195.29	15.46
1-33	10.38	96.3	99.4	88.2	286.6	54.1	510.9	.866E+06	195.55	15.51
1-35	10.37	96.3	99.3	88.1	288.2	54.1	510.6	.865E+06	194.52	15.44
1-37	10.39	96.3	99.4	88.2	285.5	54.3	511.4	.867E+06	194.76	15.41
1-39	10.39	96.3	99.4	88.4	286.6	54.3	511.6	.867E+06	194.19	15.36
1-41	10.38	96.3	99.4	87.8	287.2	54.4	511.2	.867E+06	193.54	15.33
1-43	10.40	96.3	99.4	88.1	286.2	54.4	512.1	.869E+06	193.17	15.24
1-45	10.40	96.3	99.4	87.8	286.6	54.5	511.9	.868E+06	193.41	15.29
1-47	10.40	96.3	99.4	87.5	287.0	54.4	512.1	.868E+06	192.65	15.21
1-49	10.39	96.3	99.3	88.0	287.2	54.2	511.9	.868E+06	192.29	15.19
50-1	10.36	96.3	99.4	88.2	285.9	54.2	510.0	.865E+06	17.94	1.43

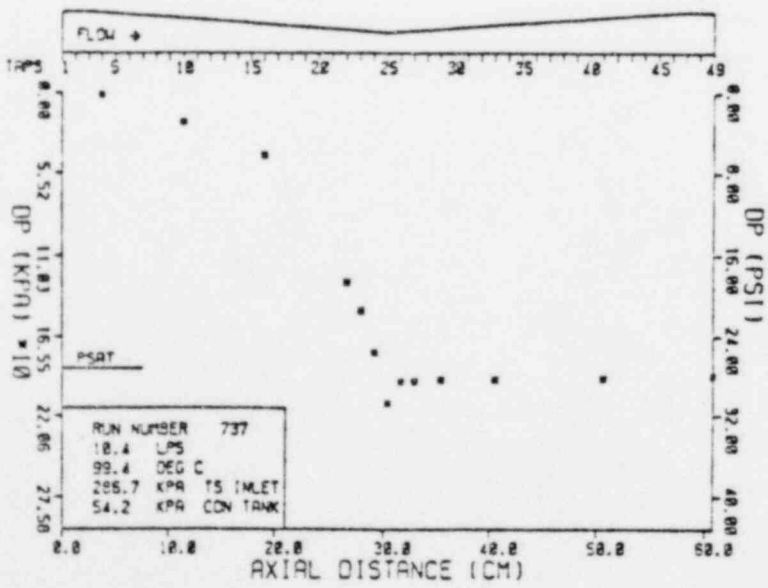


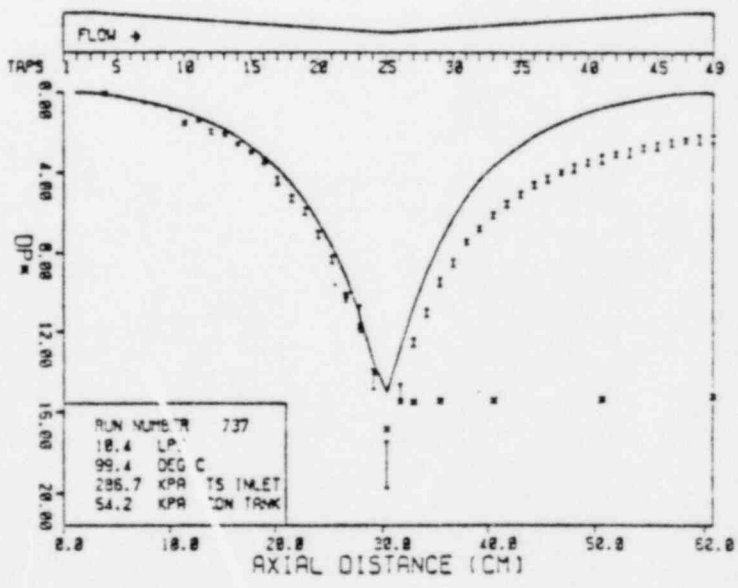


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 737

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	10.40	[illegible]	99.4	88.2	285.7	54.0	512.0	.868E+06	.91	.07
1-10	10.39	96.3	99.4	87.8	286.7	54.2	511.5	.867E+06	19.71	1.56
1-16	10.37	96.3	99.4	87.8	287.1	54.2	510.8	.866E+06	42.68	3.39
1-22	10.38	96.3	99.4	87.9	286.5	54.3	510.9	.866E+06	128.13	10.16
1-23	10.36	96.3	99.4	88.3	286.4	53.8	510.0	.865E+06	147.64	11.75
1-24	10.38	96.3	99.4	88.1	287.2	54.0	511.0	.867E+06	176.28	13.97
1-25	10.36	96.3	99.4	87.8	286.0	54.0	509.9	.865E+06	211.80	16.86
1-26	10.41	96.3	99.4	87.8	286.5	54.0	512.4	.869E+06	196.64	15.50
1-27	10.40	96.2	99.4	87.8	287.9	54.2	511.9	.868E+06	196.62	15.53
1-29	10.39	96.3	99.4	87.8	286.1	54.2	511.7	.868E+06	195.62	15.46
1-33	10.39	96.3	99.4	87.9	287.1	54.3	511.5	.867E+06	195.22	15.44
1-41	10.39	96.3	99.4	88.1	287.4	54.3	511.4	.867E+06	194.52	15.39
1-49	10.38	96.3	99.4	87.8	286.8	54.3	510.9	.866E+06	192.15	15.23
50-1	10.39	96.3	99.4	87.8	287.3	54.4	511.7	.868E+06	18.02	1.42

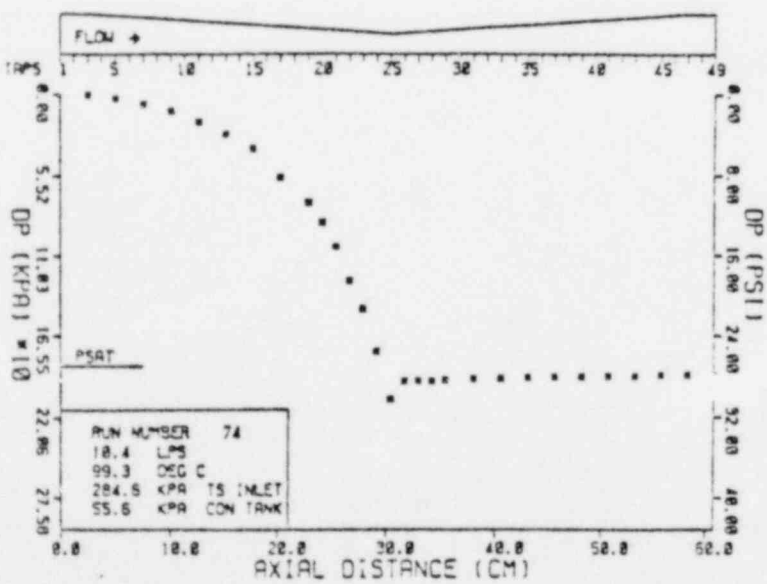


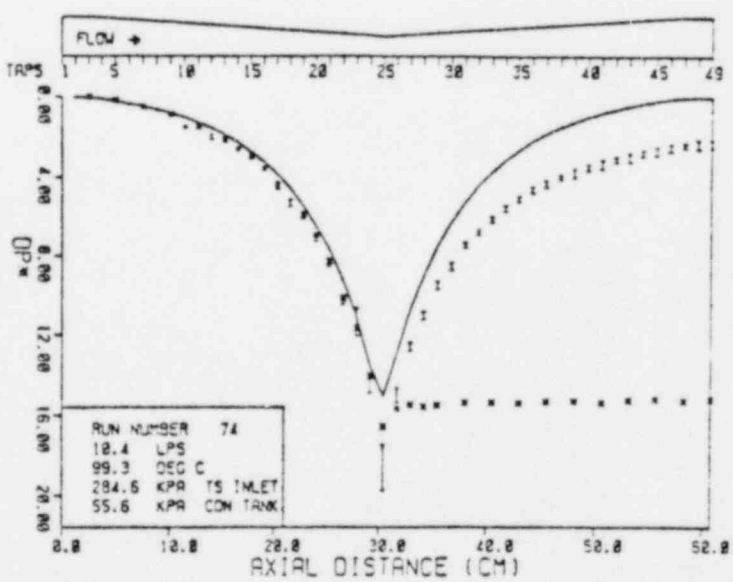


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 74

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	10.36	96.3	99.3	87.9	285.9	55.5	510.4	.865E+06	.00	.00
1-5	10.35	96.3	99.3	87.9	284.7	55.5	509.8	.864E+06	2.38	.19
1-7	10.39	96.3	99.4	88.0	284.5	55.4	511.6	.867E+06	6.21	.49
1-9	10.37	96.3	99.3	87.8	283.8	55.4	510.6	.866E+06	10.95	.87
1-11	10.39	96.3	99.3	87.8	284.6	55.5	511.4	.867E+06	18.29	1.45
1-13	10.36	96.3	99.4	87.9	284.8	55.5	510.3	.865E+06	26.64	2.12
1-15	10.38	96.3	99.3	87.9	284.7	55.5	511.2	.866E+06	36.44	2.89
1-17	10.37	96.3	99.4	87.7	284.0	55.5	510.7	.866E+06	56.23	4.46
1-19	10.36	96.3	99.4	87.6	283.8	55.6	510.1	.865E+06	73.37	5.84
1-20	10.36	96.3	99.4	87.9	284.2	55.6	510.1	.865E+06	87.11	6.93
1-21	10.39	96.3	99.3	87.8	284.4	55.6	511.5	.867E+06	104.25	8.25
1-22	10.36	96.3	99.3	87.9	284.6	55.6	510.3	.865E+06	127.88	10.16
1-23	10.38	96.3	99.3	87.8	285.2	55.6	511.3	.867E+06	147.31	11.66
1-24	10.36	96.3	99.3	87.8	284.0	55.6	510.3	.865E+06	176.15	14.00
1-25	10.36	96.3	99.4	87.6	283.5	55.6	510.0	.865E+06	208.24	16.57
1-26	10.34	96.3	99.3	87.6	284.8	55.8	509.2	.863E+06	196.18	15.66
1-27	10.32	96.3	99.3	87.9	285.4	55.8	511.5	.867E+06	195.73	15.48
1-28	10.37	96.3	99.3	87.8	285.5	55.7	510.5	.865E+06	196.05	15.57
1-29	10.37	96.3	99.3	87.9	285.8	55.8	510.7	.866E+06	195.34	15.50
1-31	10.39	96.3	99.3	87.7	283.8	55.8	511.7	.867E+06	194.48	15.37
1-33	10.39	96.3	99.3	87.9	284.0	55.7	511.4	.867E+06	194.10	15.36
1-35	10.35	96.3	99.3	88.0	284.8	55.7	509.9	.864E+06	193.55	15.41
1-37	10.38	96.3	99.3	88.2	285.2	55.7	511.0	.866E+06	193.37	15.33
1-39	10.38	96.3	99.4	88.1	285.7	55.7	510.9	.866E+06	192.95	15.30
1-41	10.34	96.3	99.3	87.8	284.0	55.7	509.4	.863E+06	192.72	15.37
1-43	10.38	96.3	99.3	87.8	284.4	55.7	511.1	.866E+06	192.72	15.27
1-45	10.38	96.3	99.3	88.1	284.6	55.7	511.2	.866E+06	191.99	15.20
1-47	10.35	96.3	99.3	87.8	283.6	55.8	509.7	.864E+06	191.92	15.29
1-49	10.39	96.3	99.3	88.2	284.6	55.7	511.6	.867E+06	192.15	15.19
50-1	10.37	96.3	99.3	88.1	284.5	55.5	510.5	.865E+06	17.94	1.42

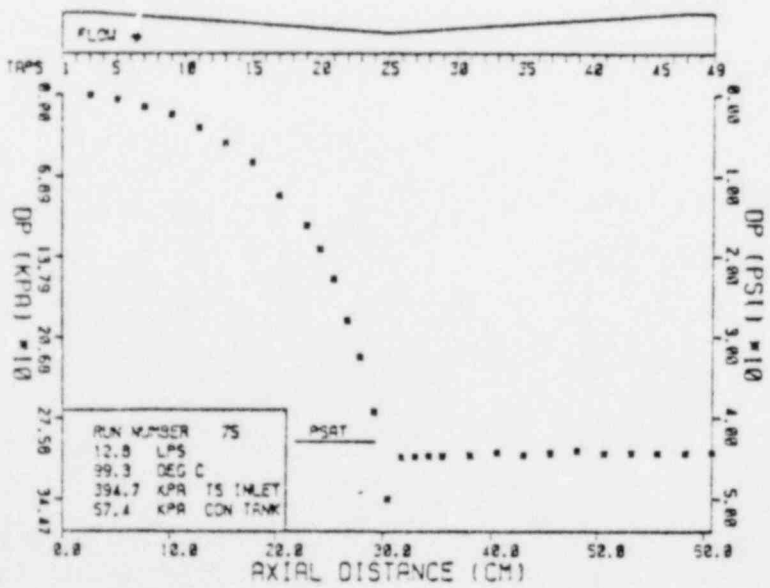


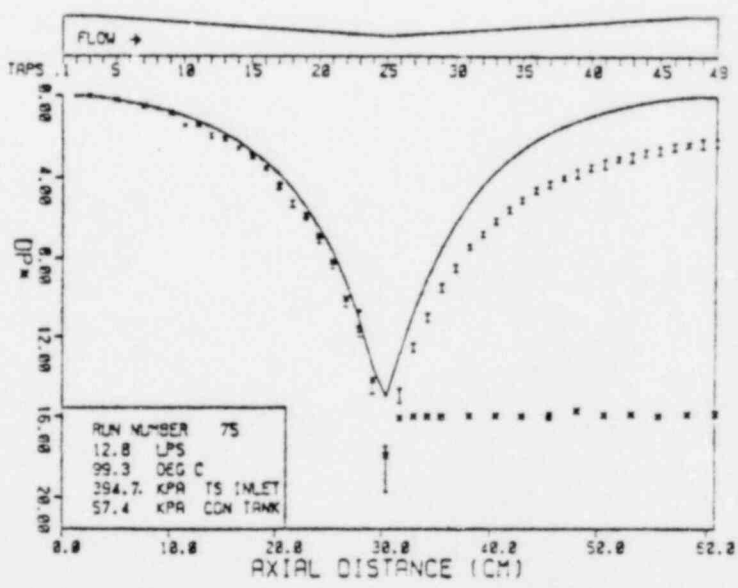


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 75

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	12.76	96.9	99.3	88.1	395.2	57.2	628.5	.106E+07	.49	.03
1-5	12.78	96.9	99.3	88.3	391.7	57.2	629.3	.107E+07	4.17	.22
1-7	12.81	96.9	99.3	88.2	392.5	57.3	630.7	.107E+07	10.23	.53
1-9	12.82	96.9	99.3	88.5	394.7	57.3	631.1	.107E+07	16.60	.86
1-11	12.82	96.9	99.3	88.3	394.8	57.3	631.4	.107E+07	27.87	1.45
1-13	12.78	96.9	99.3	88.4	394.5	57.3	629.2	.107E+07	40.78	2.10
1-15	12.81	96.9	99.3	88.3	394.1	57.4	630.7	.107E+07	56.72	2.95
1-17	12.82	96.9	99.3	88.2	396.0	57.2	631.1	.107E+07	85.53	4.44
1-19	12.79	96.9	99.3	88.5	394.6	57.3	629.6	.107E+07	111.27	5.81
1-20	12.80	96.9	99.4	88.5	393.5	57.3	630.5	.107E+07	131.59	6.85
1-21	12.81	96.9	99.3	88.3	394.9	57.4	630.7	.107E+07	157.13	8.17
1-22	12.80	96.9	99.4	88.3	395.6	57.4	630.2	.107E+07	192.92	10.05
1-23	12.81	96.9	99.3	88.5	392.6	57.4	631.0	.107E+07	223.75	11.63
1-24	12.75	96.9	99.3	88.4	395.1	57.2	627.8	.106E+07	270.29	14.19
1-25	12.81	96.9	99.3	88.6	394.6	57.4	630.7	.107E+07	344.37	17.91
1-26	12.79	96.9	99.3	88.8	393.4	57.3	630.0	.107E+07	308.91	16.10
1-27	12.81	96.9	99.3	88.7	395.3	57.3	630.9	.107E+07	308.12	16.02
1-28	12.81	96.9	99.3	88.4	395.9	57.4	630.8	.107E+07	308.02	16.02
1-29	12.79	96.9	99.3	88.4	396.9	57.5	629.9	.107E+07	307.74	16.05
1-31	12.80	96.9	99.3	88.7	394.8	57.5	630.3	.107E+07	307.27	16.01
1-33	12.76	96.9	99.3	88.7	396.2	57.5	628.5	.107E+07	305.24	15.99
1-35	12.80	96.9	99.3	88.8	394.5	57.5	630.2	.107E+07	307.46	16.02
1-37	12.80	96.9	99.3	88.6	395.1	57.4	630.2	.107E+07	305.49	15.92
1-37	12.76	96.9	99.4	88.4	395.0	57.6	628.4	.107E+07	306.09	16.09
1-39	12.83	96.9	99.3	88.3	395.4	57.4	631.6	.107E+07	303.67	15.75
1-41	12.81	96.9	99.3	88.3	394.7	57.5	630.6	.107E+07	306.29	15.94
1-43	12.81	96.9	99.4	88.6	396.0	57.6	630.6	.107E+07	305.44	15.89
1-45	12.77	96.9	99.3	88.3	394.8	57.6	628.7	.107E+07	305.74	16.00
1-47	12.80	96.9	99.3	88.5	394.2	57.5	630.2	.107E+07	305.72	15.93
1-49	12.80	96.9	99.3	88.7	394.8	57.5	630.5	.107E+07	305.29	15.89
50-1	12.79	96.9	99.3	89.0	394.8	57.6	629.8	.107E+07	27.92	1.46

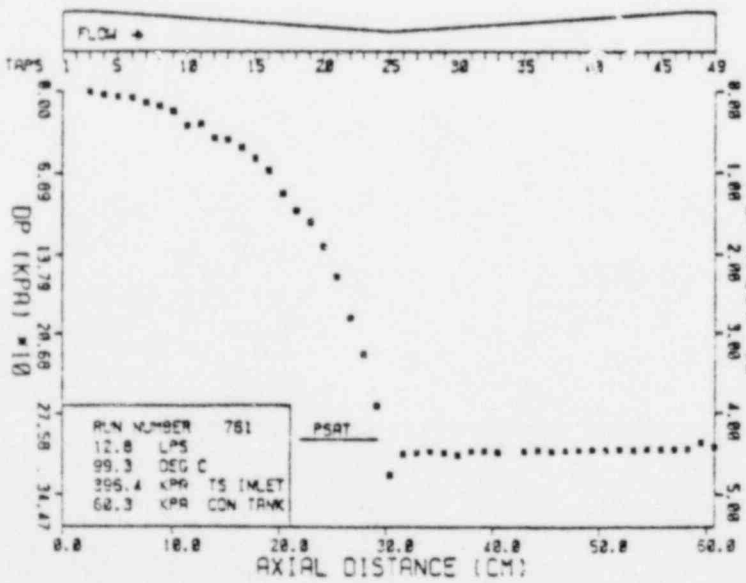


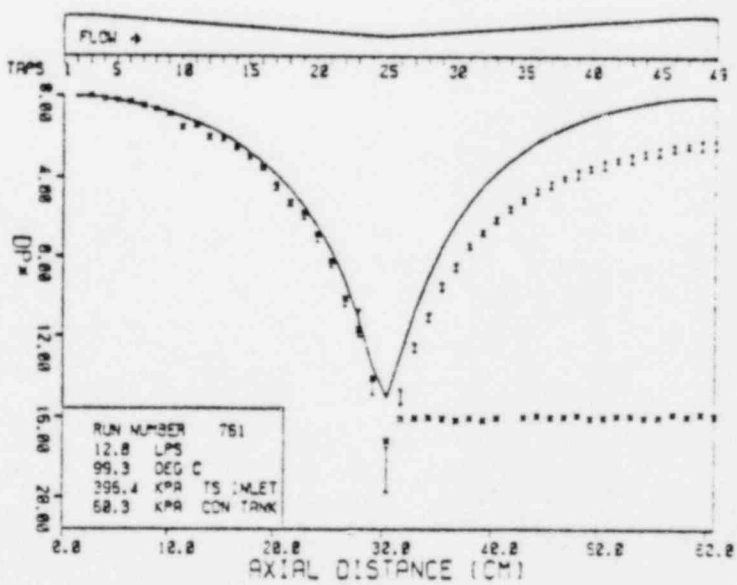


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 761

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	12.84	96.9	99.3	88.8	393.1	59.8	632.2	.107E+07	.00	.00
1-4	12.80	96.9	99.3	88.8	397.4	59.8	630.2	.107E+07	2.50	.13
1-5	12.81	96.9	99.3	88.7	396.9	59.9	630.8	.107E+07	4.37	.23
1-6	12.80	96.9	99.3	88.7	395.7	59.9	630.4	.107E+07	5.66	.29
1-7	12.78	96.9	99.4	88.5	395.9	60.0	629.1	.107E+07	9.50	.50
1-8	12.78	96.9	99.4	88.6	395.5	60.0	629.5	.107E+07	12.64	.66
1-9	12.83	96.9	99.4	88.7	397.7	59.8	631.6	.107E+07	16.79	.87
1-10	12.79	96.9	99.4	88.6	393.6	60.0	629.8	.107E+07	29.37	1.53
1-11	12.80	96.9	99.3	88.8	394.8	60.1	630.3	.107E+07	27.75	1.45
1-12	12.83	96.9	99.4	88.7	397.6	60.0	631.6	.107E+07	39.28	2.04
1-13	12.80	96.9	99.3	88.6	396.5	60.0	630.5	.107E+07	40.88	2.13
1-14	12.76	96.9	99.3	89.0	399.1	60.1	628.4	.106E+07	47.69	2.50
1-15	12.78	96.9	99.4	88.9	397.0	60.0	629.3	.107E+07	57.05	2.98
1-16	12.82	96.9	99.3	88.7	395.9	59.9	631.5	.107E+07	66.87	3.47
1-17	12.80	96.9	99.3	89.2	394.3	59.8	630.5	.107E+07	86.04	4.48
1-18	12.82	96.8	99.3	88.4	395.8	60.0	631.3	.107E+07	101.06	5.25
1-19	12.82	96.8	99.3	88.4	396.1	59.9	631.3	.107E+07	110.57	5.74
1-20	12.78	96.8	99.3	88.5	397.1	60.0	629.5	.107E+07	130.84	6.80
1-21	12.79	96.8	99.3	88.4	394.4	59.9	629.7	.107E+07	157.10	8.20
1-22	12.78	96.8	99.3	88.6	396.5	60.0	629.4	.107E+07	193.17	10.09
1-23	12.80	96.8	99.3	88.8	397.0	60.3	630.2	.107E+07	224.04	11.69
1-24	12.77	96.8	99.3	88.6	397.4	60.3	628.8	.107E+07	269.03	14.08
1-25	12.76	96.9	99.3	88.6	394.9	60.1	628.5	.106E+07	327.69	17.16
1-26	12.83	96.9	99.3	88.5	393.6	60.2	631.7	.107E+07	309.74	16.06
1-27	12.82	96.9	99.3	88.5	396.4	60.2	631.5	.107E+07	308.89	16.03
1-28	12.82	96.9	99.3	88.6	395.9	60.3	631.2	.107E+07	308.04	16.00
1-29	12.81	96.9	99.3	88.5	397.4	60.3	630.8	.107E+07	309.00	16.07
1-30	12.81	96.9	99.3	88.7	395.4	60.5	630.9	.107E+07	310.50	16.14
1-31	12.81	96.9	99.4	88.8	397.5	60.6	630.9	.107E+07	307.98	16.01
1-32	12.76	96.9	99.4	88.5	396.2	60.6	628.4	.107E+07	307.65	16.12
1-33	12.80	96.9	99.3	88.4	397.3	60.5	630.4	.107E+07	308.12	16.04
1-35	12.80	96.9	99.4	88.6	397.4	60.6	630.5	.107E+07	307.35	16.00
1-36	12.83	96.9	99.3	88.4	397.8	60.7	631.8	.107E+07	306.93	15.91
1-37	12.81	96.9	99.3	88.6	397.7	60.6	630.7	.107E+07	307.46	15.99
1-38	12.82	96.9	99.3	88.7	396.5	60.6	631.1	.107E+07	307.26	15.97
1-39	12.83	96.9	99.4	88.6	397.8	60.8	632.0	.107E+07	306.79	15.89
1-40	12.77	96.9	99.3	88.9	397.5	60.7	628.8	.107E+07	306.44	16.04
1-41	12.78	96.9	99.3	88.4	398.0	60.7	629.4	.107E+07	306.74	16.02
1-42	12.80	96.9	99.4	88.6	395.3	60.8	630.2	.107E+07	306.12	15.95
1-43	12.80	96.9	99.4	88.7	396.4	61.0	630.5	.107E+07	306.42	15.95
1-44	12.76	96.9	99.4	88.4	392.1	60.9	628.5	.107E+07	305.78	16.02
1-45	12.78	96.9	99.4	89.0	398.1	60.9	629.5	.107E+07	306.22	15.99
1-46	12.84	96.9	99.4	89.2	397.6	60.9	632.1	.107E+07	306.03	15.85
1-47	12.79	96.9	99.4	88.8	397.8	61.2	629.7	.107E+07	305.62	15.95
1-48	12.74	96.9	99.4	88.5	398.0	61.0	627.1	.106E+07	300.63	15.82
1-49	12.78	96.9	99.3	89.0	398.1	61.0	629.3	.107E+07	304.58	15.91
50-1	12.78	96.9	99.3	89.2	396.9	60.9	629.5	.107E+07	28.05	1.46

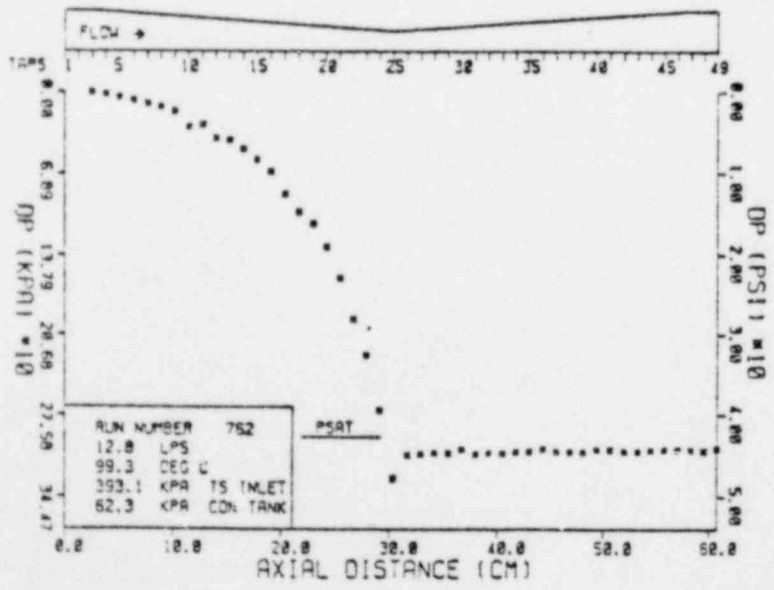


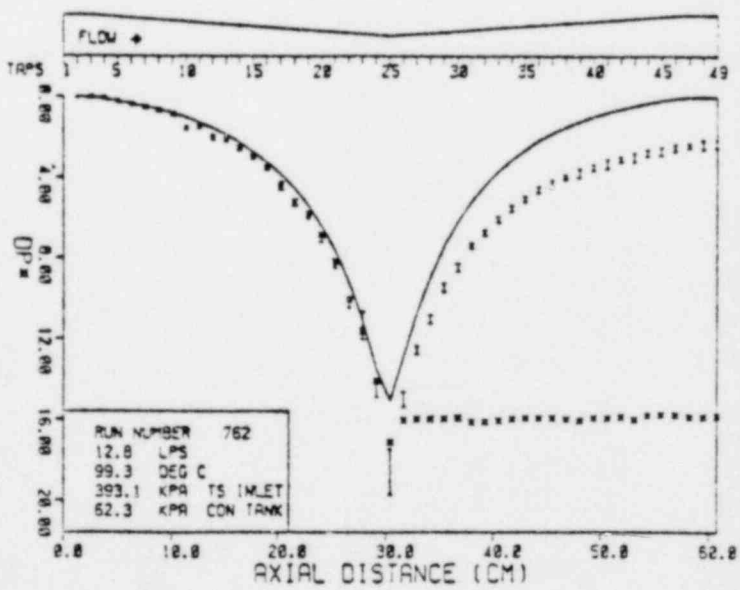


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 762

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	12.82	96.6	99.3	88.1	393.8	61.5	631.4	.107E+07	.44	.02
1-4	12.83	96.6	99.3	88.1	393.9	62.8	631.5	.107E+07	1.69	.09
1-5	12.81	96.6	99.3	88.1	394.0	62.0	630.7	.107E+07	4.36	.23
1-6	12.84	96.6	99.3	88.2	393.2	62.0	632.3	.107E+07	7.35	.38
1-7	12.80	96.6	99.3	87.8	391.8	62.1	630.1	.107E+07	9.99	.52
1-8	12.81	96.6	99.3	87.9	390.9	62.1	631.0	.107E+07	12.92	.67
1-9	12.82	96.6	99.3	87.7	393.5	62.1	631.3	.107E+07	16.69	.87
1-10	12.82	96.6	99.3	87.8	390.5	62.0	631.2	.107E+07	29.57	1.54
1-11	12.82	96.6	99.3	87.6	392.8	62.1	631.3	.107E+07	27.98	1.45
1-12	12.82	96.6	99.3	88.3	394.1	62.1	631.5	.107E+07	39.36	2.04
1-13	12.83	96.6	99.3	88.0	392.5	62.1	631.9	.107E+07	40.99	2.12
1-14	12.82	96.6	99.3	88.2	393.5	62.1	631.3	.107E+07	48.62	2.52
1-15	12.81	96.6	99.3	87.9	393.7	62.2	630.8	.107E+07	57.21	2.97
1-16	12.81	96.6	99.3	87.9	392.3	62.2	630.8	.107E+07	67.38	3.50
1-17	12.78	96.6	99.3	87.9	392.7	62.3	629.4	.107E+07	86.24	4.51
1-18	12.83	96.6	99.3	88.2	392.6	62.2	631.9	.107E+07	101.23	5.25
1-19	12.79	96.6	99.3	87.8	393.7	62.3	629.7	.107E+07	111.31	5.81
1-20	12.77	96.6	99.3	88.3	394.3	62.3	629.0	.107E+07	131.50	6.88
1-21	12.83	96.6	99.3	88.1	393.5	62.2	631.6	.107E+07	158.01	8.20
1-22	12.82	96.6	99.3	88.1	391.8	62.1	631.2	.107E+07	193.66	10.06
1-23	12.83	96.6	99.3	88.0	394.0	62.2	631.6	.107E+07	224.47	11.65
1-24	12.83	96.6	99.3	87.9	393.6	62.2	631.7	.107E+07	271.68	14.09
1-25	12.80	96.6	99.3	87.9	394.6	62.3	630.5	.107E+07	329.29	17.14
1-26	12.83	96.6	99.3	87.8	393.7	62.3	631.8	.107E+07	309.48	16.04
1-27	12.83	96.6	99.3	87.9	393.4	62.4	631.9	.107E+07	308.51	15.99
1-28	12.82	96.6	99.3	87.8	391.3	62.3	631.5	.107E+07	307.80	15.97
1-29	12.83	96.6	99.3	87.6	393.9	62.4	631.9	.107E+07	308.14	15.97
1-30	12.78	96.6	99.3	87.8	392.9	62.5	629.5	.107E+07	305.03	15.93
1-31	12.79	96.6	99.3	88.0	391.6	62.4	629.8	.107E+07	308.72	16.11
1-32	12.77	96.6	99.3	87.8	393.2	62.4	629.1	.107E+07	307.95	16.10
1-33	12.81	96.6	99.3	88.9	392.0	62.4	630.6	.107E+07	308.03	16.03
1-34	12.82	96.6	99.3	88.4	394.0	62.5	631.2	.107E+07	307.30	15.96
1-35	12.83	96.6	99.3	88.1	393.2	62.5	631.6	.107E+07	306.83	15.92
1-36	12.78	96.6	99.3	88.4	392.1	62.4	629.4	.107E+07	306.66	15.92
1-37	12.82	96.6	99.3	88.0	393.4	62.4	631.4	.107E+07	306.76	15.92
1-38	12.80	96.6	99.3	88.0	393.2	62.4	630.4	.107E+07	306.86	15.98
1-39	12.78	96.6	99.3	88.2	393.5	62.4	629.5	.107E+07	307.14	16.04
1-40	12.79	96.6	99.3	87.7	394.1	62.5	629.6	.107E+07	305.14	15.93
1-41	12.78	96.6	99.3	88.0	393.5	62.4	629.4	.107E+07	304.94	15.93
1-42	12.83	96.6	99.3	87.6	393.5	62.4	631.9	.107E+07	306.24	15.88
1-43	12.77	96.6	99.3	87.8	393.2	62.5	629.0	.107E+07	306.32	16.02
1-44	12.84	96.6	99.3	87.9	393.8	62.5	632.4	.107E+07	305.49	15.81
1-45	12.84	96.6	99.3	87.8	394.5	62.5	632.4	.107E+07	304.78	15.77
1-46	12.84	96.6	99.3	87.7	392.8	62.4	632.1	.107E+07	304.80	15.78
1-47	12.80	96.6	99.3	87.9	393.0	62.4	630.8	.107E+07	305.12	15.88
1-48	12.83	96.6	99.3	87.6	394.4	62.5	631.6	.107E+07	305.99	15.87
1-49	12.80	96.6	99.3	87.5	393.8	62.4	630.5	.107E+07	304.00	15.82
50-1	12.79	96.6	99.3	87.9	393.3	62.4	629.9	.107E+07	27.89	1.45

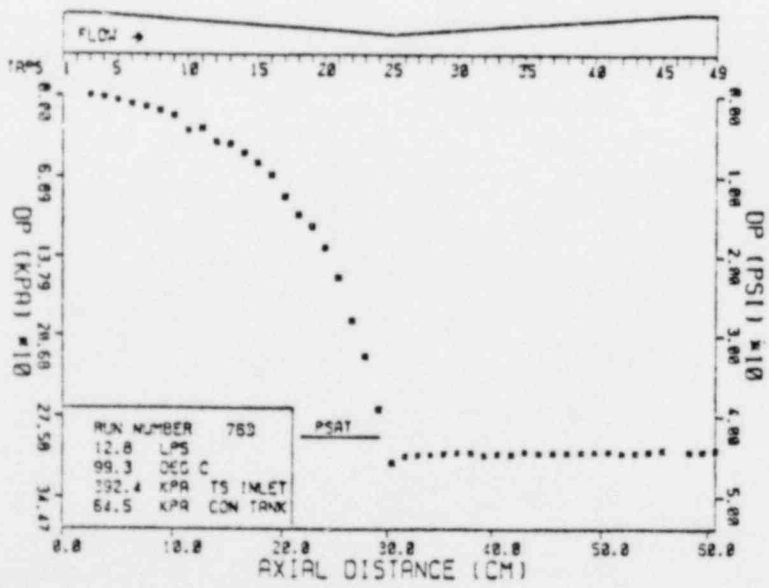


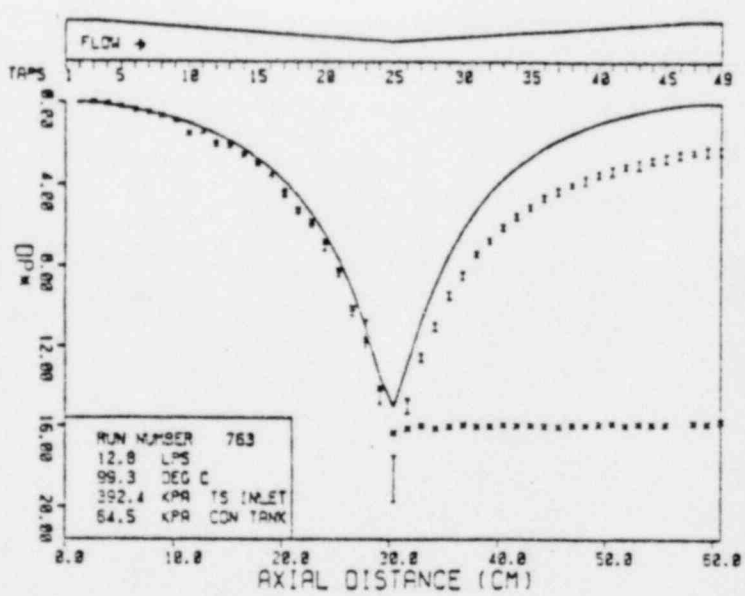


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 763

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	12.83	96.6	99.3	87.9	392.0	64.4	631.7	.107E+07	.00	.00
1-4	12.80	96.5	99.3	87.8	393.9	64.5	630.5	.107E+07	1.49	.08
1-5	12.81	96.6	99.3	88.9	388.4	64.4	630.8	.107E+07	4.25	.22
1-6	12.82	96.6	99.3	88.3	393.2	64.5	631.2	.107E+07	7.20	.38
1-7	12.82	96.6	99.3	87.9	391.9	64.5	631.1	.107E+07	9.65	.50
1-8	12.79	96.6	99.3	88.0	392.7	64.5	629.8	.107E+07	12.80	.67
1-9	12.82	96.6	99.3	87.7	392.7	64.5	631.2	.107E+07	16.80	.87
1-10	12.81	96.6	99.3	87.7	392.3	64.5	630.8	.107E+07	29.40	1.53
1-11	12.84	96.6	99.3	87.7	393.4	64.5	632.2	.107E+07	27.71	1.43
1-12	12.79	96.6	99.3	88.5	391.8	64.4	629.9	.107E+07	39.39	2.05
1-13	12.82	96.6	99.3	88.9	393.2	64.4	631.5	.107E+07	41.04	2.13
1-14	12.83	96.6	99.3	88.7	392.9	64.4	631.8	.107E+07	48.61	2.52
1-15	12.84	96.6	99.3	88.4	392.0	64.5	632.3	.107E+07	57.37	2.97
1-16	12.81	96.6	99.3	87.7	390.8	64.4	630.8	.107E+07	67.21	3.49
1-17	12.83	96.6	99.3	88.0	392.8	64.5	631.9	.107E+07	86.00	4.46
1-18	12.84	96.6	99.3	88.1	393.7	64.6	632.3	.107E+07	101.52	5.25
1-19	12.82	96.7	99.4	88.2	392.8	64.4	631.5	.107E+07	111.73	5.80
1-20	12.80	96.7	99.4	87.7	392.9	64.6	630.3	.107E+07	130.34	6.79
1-21	12.77	96.7	99.4	87.8	392.8	64.7	628.8	.107E+07	156.67	8.20
1-22	12.81	96.7	99.4	88.0	391.1	64.6	630.6	.107E+07	193.86	10.09
1-23	12.80	96.7	99.4	88.0	392.9	64.6	631.8	.107E+07	225.14	11.67
1-24	12.78	96.7	99.4	87.8	393.8	64.8	629.5	.107E+07	269.82	14.09
1-25	12.83	96.7	99.4	87.5	392.2	64.7	631.6	.107E+07	314.88	16.33
1-26	12.80	96.7	99.4	88.6	392.9	64.7	630.3	.107E+07	309.41	16.12
1-27	12.83	96.7	99.4	88.3	391.4	64.8	631.8	.107E+07	308.77	16.01
1-28	12.78	96.8	99.4	88.2	390.4	64.8	629.1	.107E+07	308.17	16.11
1-29	12.79	96.8	99.4	87.9	393.1	64.7	629.9	.107E+07	307.43	16.03
1-30	12.82	96.7	99.4	88.1	389.4	64.6	631.3	.107E+07	306.92	15.94
1-31	12.77	96.7	99.4	87.8	392.7	64.6	629.8	.107E+07	306.81	16.05
1-32	12.83	96.8	99.4	87.8	393.2	64.6	631.9	.107E+07	308.85	16.01
1-33	12.74	96.8	99.4	88.1	392.2	64.6	632.1	.107E+07	307.58	15.93
1-34	12.83	96.7	99.4	88.0	393.2	64.6	631.8	.107E+07	307.82	15.96
1-35	12.80	96.7	99.3	87.9	391.7	64.6	630.5	.107E+07	306.04	15.93
1-36	12.81	96.7	99.3	87.8	392.9	64.4	630.9	.107E+07	307.22	15.97
1-37	12.79	96.7	99.4	88.2	390.8	64.5	630.0	.107E+07	307.15	16.01
1-38	12.81	96.7	99.3	88.0	392.9	64.4	630.9	.107E+07	306.88	15.95
1-39	12.80	96.7	99.3	87.8	392.1	64.3	630.1	.107E+07	306.41	15.97
1-40	12.80	96.7	99.3	87.8	393.7	64.4	630.1	.107E+07	305.96	15.95
1-41	12.82	96.7	99.3	87.8	392.3	64.4	631.3	.107E+07	305.72	15.87
1-42	12.80	96.7	99.3	87.6	392.7	64.4	630.3	.107E+07	306.66	15.97
1-43	12.83	96.7	99.3	87.9	392.1	64.3	632.0	.107E+07	306.77	15.89
1-44	12.80	96.7	99.3	87.8	393.5	64.3	630.4	.107E+07	305.62	15.91
1-45	12.78	96.7	99.3	87.7	392.6	64.3	629.3	.107E+07	304.26	15.90
1-47	12.83	96.7	99.3	87.9	393.7	64.3	631.9	.107E+07	305.79	15.85
1-48	12.82	96.7	99.3	88.0	394.5	64.3	631.1	.107E+07	305.76	15.88
1-49	12.84	96.7	99.3	87.8	391.3	64.2	632.3	.107E+07	304.53	15.76
50-1	12.82	96.7	99.3	87.7	393.3	64.2	631.4	.107E+07	28.00	1.45

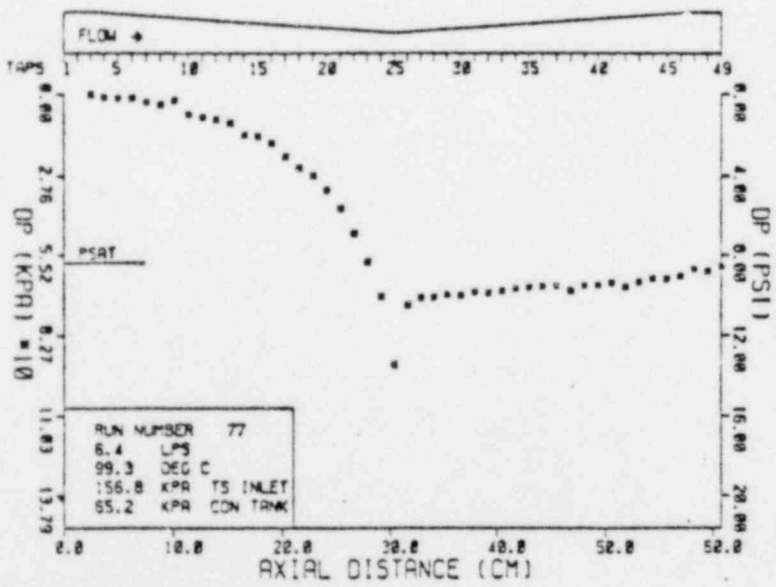


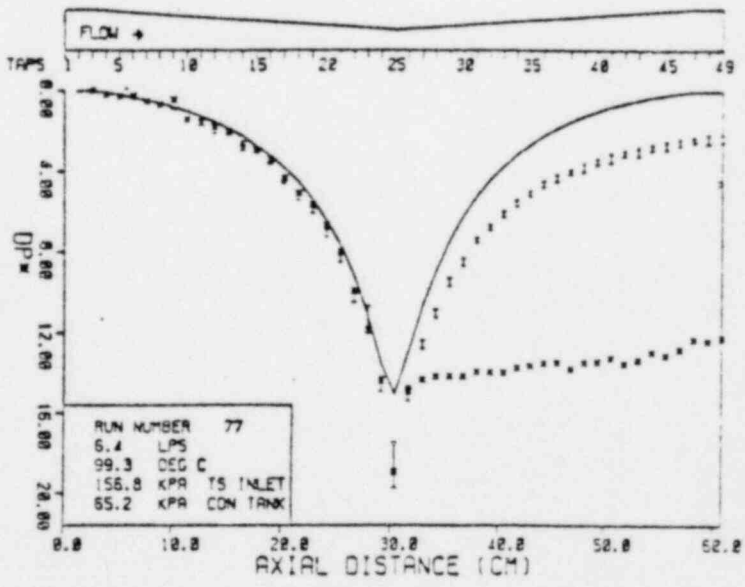


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 77

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.43	93.5	99.3	88.6	159.6	65.0	316.8	.537E+06	.00	.00
1-4	6.39	93.6	99.4	88.9	159.0	65.0	314.7	.534E+06	.96	.20
1-5	6.43	93.5	99.3	88.9	157.0	65.0	316.7	.537E+06	1.41	.29
1-6	6.42	93.6	99.3	88.6	158.5	64.9	316.0	.535E+06	1.22	.25
1-7	6.44	93.6	99.3	88.6	159.6	65.0	317.3	.538E+06	2.67	.55
1-8	6.41	93.6	99.3	88.7	158.0	65.0	315.5	.535E+06	3.41	.71
1-9	6.44	93.6	99.3	89.0	158.6	65.0	317.1	.538E+06	2.14	.44
1-10	6.42	93.6	99.3	88.8	159.1	65.0	316.2	.536E+06	6.81	1.41
1-11	6.42	93.6	99.3	88.6	159.1	65.1	316.0	.536E+06	7.72	1.60
1-12	6.39	93.6	99.3	89.0	158.4	65.0	314.7	.533E+06	8.56	1.79
1-13	6.42	93.6	99.3	88.5	158.5	65.1	316.3	.536E+06	9.70	2.01
1-14	6.40	93.6	99.3	88.9	159.4	65.1	315.4	.535E+06	13.70	2.85
1-15	6.42	93.6	99.3	88.7	158.8	65.1	316.4	.536E+06	14.26	2.95
1-16	6.45	93.6	99.4	88.6	158.0	65.2	317.5	.538E+06	16.62	3.41
1-17	6.43	93.6	99.4	88.5	158.4	65.2	316.5	.537E+06	21.00	4.34
1-18	6.45	93.6	99.3	88.6	158.9	65.2	317.5	.538E+06	24.79	5.09
1-19	6.41	93.6	99.3	88.5	158.3	65.3	315.8	.535E+06	27.28	5.66
1-20	6.43	93.6	99.3	88.5	158.8	65.2	316.7	.537E+06	32.38	6.68
1-21	6.45	93.6	99.3	88.8	158.7	65.3	317.4	.538E+06	38.81	7.97
1-22	6.40	93.6	99.3	88.5	158.7	65.3	315.1	.534E+06	47.57	9.91
1-23	6.44	93.6	99.3	88.9	157.9	65.2	317.2	.538E+06	57.52	11.83
1-24	6.42	93.6	99.3	88.8	157.9	65.3	316.0	.536E+06	69.31	14.27
1-25	6.46	93.6	99.3	89.0	155.4	65.3	318.0	.539E+06	92.64	18.95
1-26	6.43	93.6	99.3	88.9	156.0	65.2	316.8	.537E+06	72.38	14.93
1-27	6.45	93.6	99.3	89.2	155.4	65.3	317.8	.539E+06	69.82	14.31
1-28	6.48	93.6	99.3	88.7	154.9	65.3	319.0	.541E+06	69.64	14.17
1-29	6.44	93.6	99.3	88.7	154.7	65.3	317.1	.538E+06	68.67	14.14
1-30	6.45	93.6	99.3	88.5	155.7	65.2	317.6	.538E+06	68.93	14.14
1-31	6.45	93.6	99.3	88.8	154.8	65.2	317.8	.538E+06	67.89	13.91
1-32	6.46	93.6	99.3	88.6	155.4	65.3	317.9	.539E+06	68.06	13.94
1-33	6.42	93.6	99.3	89.0	155.2	65.3	316.1	.536E+06	67.37	13.95
1-34	6.45	93.6	99.3	88.7	155.2	65.2	317.4	.538E+06	66.78	13.72
1-35	6.45	93.6	99.3	88.7	155.2	65.2	317.6	.538E+06	66.28	13.62
1-36	6.46	93.6	99.3	88.8	155.6	65.1	317.9	.539E+06	65.90	13.50
1-37	6.46	93.5	99.3	88.6	155.0	65.2	318.2	.539E+06	65.79	13.45
1-38	6.46	93.5	99.3	88.8	155.2	65.2	318.1	.539E+06	67.26	13.76
1-39	6.46	93.6	99.4	88.7	155.0	65.3	317.9	.539E+06	65.69	13.46
1-40	6.45	93.6	99.3	88.7	154.5	65.3	317.6	.538E+06	65.27	13.41
1-41	6.45	93.6	99.3	88.8	155.1	65.3	317.8	.539E+06	64.67	13.25
1-42	6.45	93.6	99.3	88.3	155.4	65.3	317.7	.538E+06	65.94	13.52
1-43	6.41	93.6	99.3	88.4	155.2	65.3	315.9	.535E+06	64.29	13.34
1-44	6.45	93.6	99.3	88.6	155.7	65.4	317.8	.539E+06	63.22	12.96
1-45	6.42	93.6	99.3	88.8	155.9	65.4	316.2	.536E+06	63.31	13.10
1-46	6.45	93.5	99.3	88.9	155.3	65.4	317.4	.538E+06	62.33	12.80
1-47	6.45	93.6	99.3	88.9	155.2	65.3	317.8	.538E+06	60.04	12.30
1-48	6.47	93.5	99.3	88.9	154.7	65.4	318.4	.540E+06	60.65	12.38
1-49	6.42	93.5	99.4	89.2	155.8	65.5	316.4	.536E+06	59.15	12.23
50-1	6.47	93.5	99.3	88.8	155.5	65.4	318.6	.540E+06	6.15	1.25

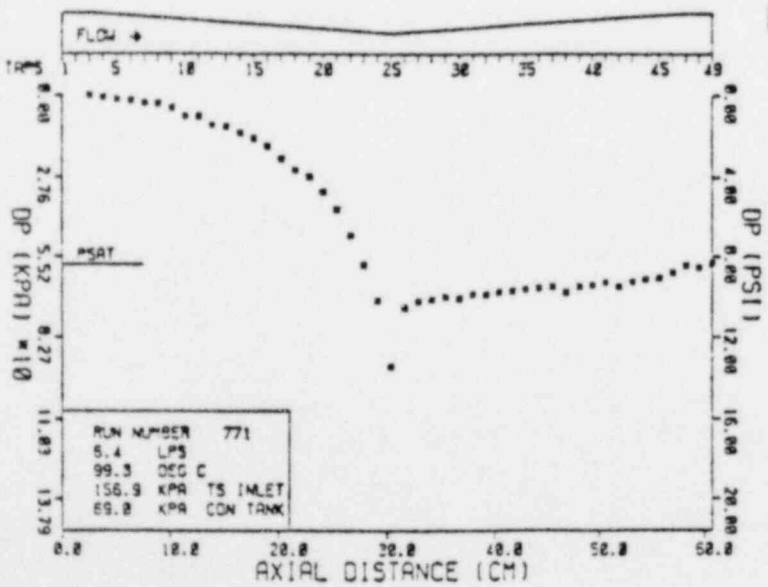


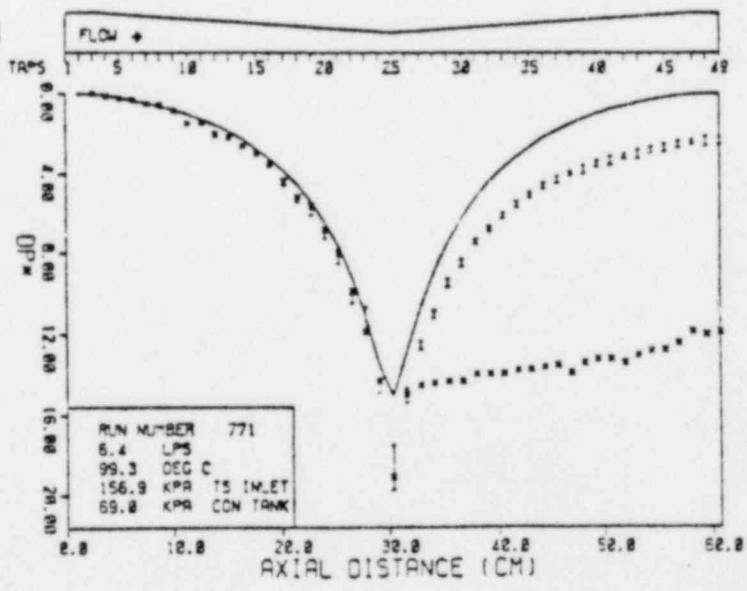


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 771

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.44	93.6	99.3	87.9	156.8	68.8	317.0	.537E+06	.00	.00
1-4	6.41	93.6	99.3	87.9	157.5	68.9	315.8	.535E+06	.68	.14
1-5	6.43	93.6	99.3	88.0	156.4	68.9	316.6	.537E+06	1.22	.25
1-6	6.45	93.6	99.3	88.1	156.8	68.8	317.8	.539E+06	1.59	.33
1-7	6.45	93.6	99.3	88.1	156.3	68.8	317.7	.538E+06	2.51	.52
1-8	6.44	93.6	99.3	88.1	156.8	69.0	317.3	.538E+06	2.75	.57
1-9	6.45	93.6	99.4	88.7	157.6	69.0	317.5	.538E+06	4.09	.84
1-10	6.43	93.6	99.3	88.3	157.0	68.9	316.5	.537E+06	7.09	1.46
1-11	6.43	93.6	99.4	88.1	156.6	69.0	316.6	.537E+06	6.98	1.44
1-12	6.44	93.6	99.3	88.0	156.4	69.0	317.2	.538E+06	9.96	2.05
1-13	6.42	93.6	99.4	88.9	157.2	68.9	315.9	.536E+06	10.40	2.16
1-14	6.43	93.6	99.3	88.7	157.0	68.9	316.6	.537E+06	12.51	2.58
1-15	6.45	93.6	99.3	88.5	156.9	68.9	317.6	.538E+06	14.27	2.93
1-16	6.42	93.6	99.3	88.2	157.1	68.9	316.3	.536E+06	16.78	3.47
1-17	6.45	93.6	99.3	88.4	156.3	68.9	317.8	.539E+06	21.23	4.35
1-18	6.44	93.6	99.3	88.4	157.0	68.9	316.9	.537E+06	25.06	5.16
1-19	6.46	93.6	99.3	88.3	156.6	68.9	318.2	.539E+06	27.37	5.60
1-20	6.43	93.6	99.3	87.9	155.9	68.9	316.4	.536E+06	32.69	6.76
1-21	6.46	93.6	99.3	88.3	157.3	68.9	318.1	.539E+06	38.94	7.96
1-22	6.44	93.6	99.3	88.2	157.1	69.0	317.1	.537E+06	47.99	9.88
1-23	6.45	93.6	99.3	88.6	156.6	69.0	317.8	.539E+06	58.01	11.88
1-24	6.48	93.6	99.4	88.4	157.7	69.1	319.0	.541E+06	70.27	14.29
1-25	6.43	93.6	99.3	88.1	156.6	69.0	316.8	.537E+06	92.46	19.07
1-26	6.44	93.6	99.3	88.1	156.5	69.1	317.0	.537E+06	72.67	14.97
1-27	6.44	93.6	99.3	88.2	156.8	69.1	317.0	.537E+06	70.41	14.50
1-28	6.44	93.6	99.3	88.3	156.7	69.0	316.9	.537E+06	69.87	14.39
1-29	6.42	93.6	99.4	88.1	157.3	69.1	315.9	.536E+06	69.07	14.22
1-30	6.44	93.6	99.3	88.2	157.5	69.1	317.0	.537E+06	69.50	14.32
1-31	6.45	93.6	99.3	88.2	157.2	69.1	317.4	.538E+06	68.08	13.98
1-32	6.46	93.6	99.4	88.0	157.2	69.1	317.9	.539E+06	68.31	13.99
1-33	6.42	93.6	99.3	88.3	156.5	69.1	315.0	.536E+06	67.41	13.97
1-34	6.44	93.6	99.3	88.1	157.1	69.1	317.0	.537E+06	67.03	13.80
1-35	6.42	93.6	99.3	88.0	157.3	69.1	316.1	.536E+06	66.46	13.77
1-36	6.43	93.6	99.4	88.1	156.5	69.1	316.6	.537E+06	66.08	13.65
1-37	6.43	93.6	99.3	88.3	156.6	69.0	316.9	.537E+06	65.66	13.54
1-38	6.44	93.6	99.4	88.2	156.6	69.1	317.1	.538E+06	67.55	13.90
1-39	6.45	93.6	99.3	88.4	156.6	69.1	317.6	.538E+06	65.46	13.43
1-40	6.48	93.6	99.4	88.0	157.0	69.1	319.1	.541E+06	65.12	13.24
1-41	6.44	93.6	99.3	88.1	157.7	69.1	316.9	.537E+06	64.23	13.24
1-42	6.46	93.6	99.3	88.2	155.8	69.0	318.0	.539E+06	65.55	13.42
1-43	6.46	93.6	99.3	88.6	157.0	69.0	318.1	.539E+06	63.84	13.06
1-44	6.47	93.6	99.3	88.6	156.5	69.0	318.5	.540E+06	62.99	12.85
1-45	6.45	93.6	99.3	88.6	156.8	69.0	317.8	.539E+06	62.50	12.81
1-46	6.45	93.6	99.3	88.3	156.8	69.0	317.5	.538E+06	60.72	12.46
1-47	6.47	93.6	99.3	88.4	157.0	69.0	318.4	.540E+06	58.26	11.89
1-48	6.47	93.6	99.3	88.2	156.6	69.0	318.4	.540E+06	58.95	12.03
1-49	6.42	93.6	99.3	88.3	157.1	69.1	316.0	.536E+06	57.37	11.89
50-1	6.42	93.6	99.4	88.7	157.3	69.1	316.1	.536E+06	5.05	1.05
1-13	6.45	93.5	99.3	88.2	157.2	69.2	317.5	.538E+06	.96	.20

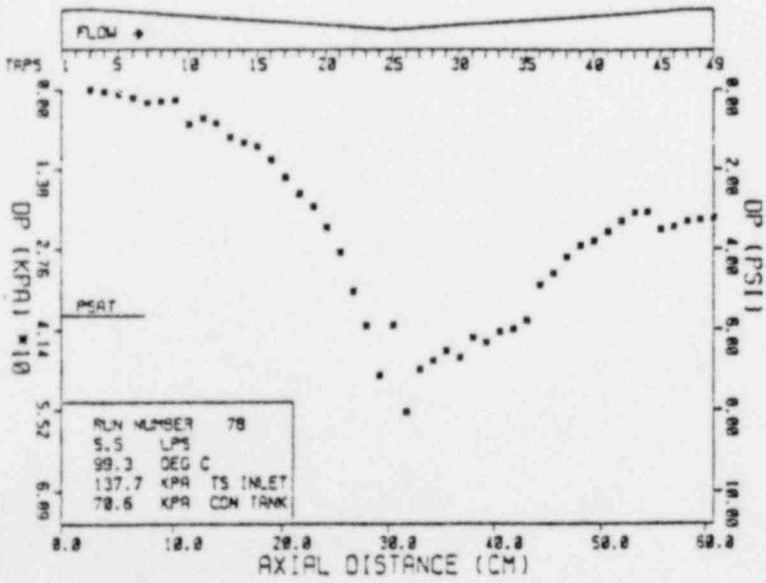


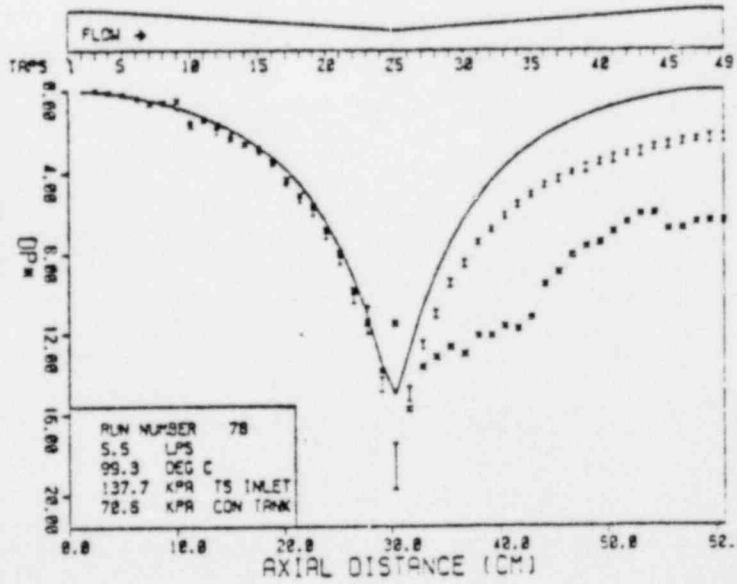


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 78

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	5.47	92.3	99.5	87.9	139.1	70.7	269.4	.457E+06	.80	.00
1-4	5.49	92.3	99.3	88.1	136.8	70.5	270.3	.458E+06	.25	.10
1-5	5.51	92.3	99.2	87.8	136.8	70.4	271.6	.460E+06	.75	.21
1-6	5.51	92.3	99.2	88.1	137.1	70.3	271.5	.460E+06	1.44	.41
1-7	5.48	92.3	99.4	87.8	138.5	70.6	270.1	.458E+06	2.28	.65
1-8	5.49	92.3	99.4	88.1	138.4	70.4	270.3	.459E+06	2.03	.59
1-9	5.50	92.3	99.2	87.9	137.5	70.2	272.3	.461E+06	1.81	.51
1-10	5.52	92.3	99.2	87.8	137.1	70.3	271.6	.460E+06	5.93	1.66
1-11	5.49	92.3	99.5	87.9	138.9	70.6	270.4	.459E+06	4.94	1.40
1-12	5.50	92.3	99.5	87.9	138.4	70.6	270.9	.460E+06	5.81	1.64
1-13	5.49	92.3	99.3	87.7	137.7	70.3	270.4	.458E+06	8.18	2.32
1-14	5.49	92.3	99.1	87.7	137.8	70.2	270.3	.457E+06	9.14	2.59
1-15	5.50	92.3	99.4	88.0	138.3	70.7	270.8	.460E+06	9.88	2.79
1-16	5.48	92.3	99.6	88.2	139.0	70.6	269.8	.458E+06	12.24	3.48
1-17	5.50	92.3	99.2	88.0	137.3	70.2	270.7	.458E+06	15.27	4.31
1-18	5.51	92.3	99.1	87.8	136.5	70.3	271.6	.459E+06	18.08	5.07
1-19	5.54	92.3	99.2	88.1	136.7	70.5	272.6	.462E+06	20.25	5.64
1-20	5.48	92.3	99.6	87.7	138.8	70.9	269.9	.459E+06	23.94	6.80
1-21	5.51	92.3	99.5	87.6	139.3	70.6	271.2	.460E+06	28.22	7.94
1-22	5.50	92.3	99.2	87.7	136.9	70.3	270.8	.458E+06	34.81	9.82
1-23	5.51	92.3	99.2	87.9	136.1	70.6	271.2	.459E+06	40.68	11.45
1-24	5.51	92.3	99.4	87.9	137.4	70.7	271.1	.460E+06	49.24	13.83
1-25	5.50	92.3	99.5	87.7	138.1	70.7	270.8	.460E+06	40.69	11.48
1-26	5.48	92.3	99.3	87.9	137.5	70.5	269.7	.457E+06	55.41	15.76
1-27	5.48	92.3	99.2	87.8	136.7	70.5	269.9	.457E+06	48.17	13.69
1-28	5.50	92.3	99.3	87.9	137.2	70.6	270.7	.459E+06	46.70	13.19
1-29	5.50	92.3	99.5	87.8	138.3	70.6	270.7	.460E+06	45.00	12.71
1-30	5.50	92.3	99.4	88.1	138.6	70.5	270.9	.460E+06	46.20	13.03
1-31	5.48	92.3	99.2	88.3	137.8	70.3	270.8	.457E+06	42.77	12.14
1-32	5.54	92.3	99.1	88.0	136.4	70.4	272.6	.461E+06	43.59	12.14
1-33	5.52	92.3	99.2	88.3	137.0	70.6	271.8	.460E+06	41.70	11.68
1-34	5.47	92.3	99.4	88.0	138.4	70.9	269.2	.457E+06	41.31	11.30
1-35	5.50	92.3	99.5	88.3	138.9	70.8	270.8	.460E+06	39.76	11.22
1-36	5.48	92.3	99.3	87.8	137.4	70.5	270.0	.457E+06	33.72	9.57
1-37	5.51	92.3	99.3	88.0	137.4	70.9	271.2	.460E+06	31.77	8.94
1-38	5.53	92.2	99.4	87.8	138.4	71.0	272.3	.462E+06	28.92	8.07
1-39	5.50	92.3	99.2	87.5	137.3	70.9	271.0	.459E+06	27.02	7.61
1-40	5.49	92.3	99.4	87.6	138.2	71.1	270.1	.458E+06	26.20	7.44
1-41	5.51	92.3	99.3	88.0	137.1	70.6	271.4	.460E+06	24.50	6.89
1-42	5.49	92.3	99.2	87.6	137.3	70.9	270.3	.458E+06	22.75	6.44
1-43	5.50	92.3	99.2	87.9	137.1	70.3	270.6	.458E+06	21.31	6.02
1-44	5.49	92.3	99.1	88.2	136.1	70.6	270.6	.458E+06	21.15	5.98
1-45	5.51	92.3	99.3	88.2	137.7	71.1	271.5	.460E+06	24.12	6.78
1-46	5.48	92.3	99.5	88.3	139.9	71.0	270.0	.459E+06	23.74	6.74
1-47	5.50	92.3	99.4	88.1	138.4	70.8	270.8	.459E+06	22.81	6.44
1-48	5.50	92.3	99.2	87.9	136.6	70.7	270.6	.458E+06	22.55	6.37
1-49	5.47	92.3	99.4	88.5	138.3	70.6	269.3	.457E+06	22.00	6.26
50-1	5.48	92.3	99.6	88.3	140.1	71.2	270.1	.459E+06	2.47	.70

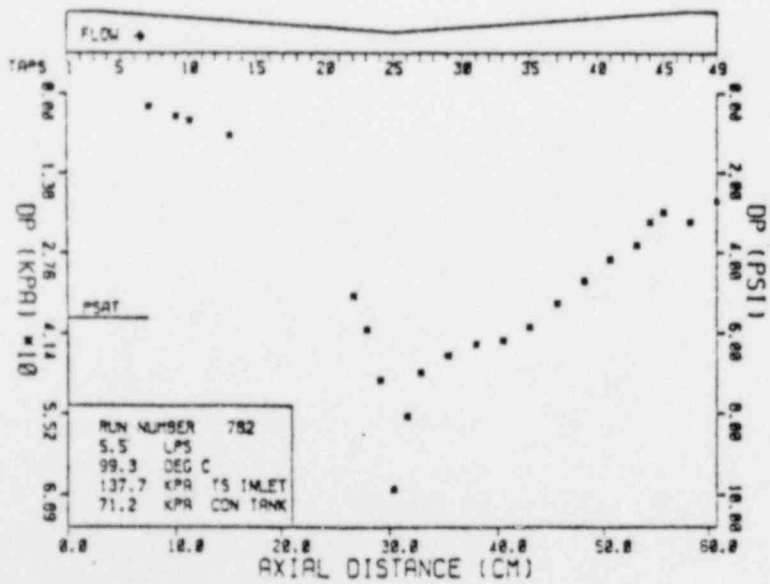


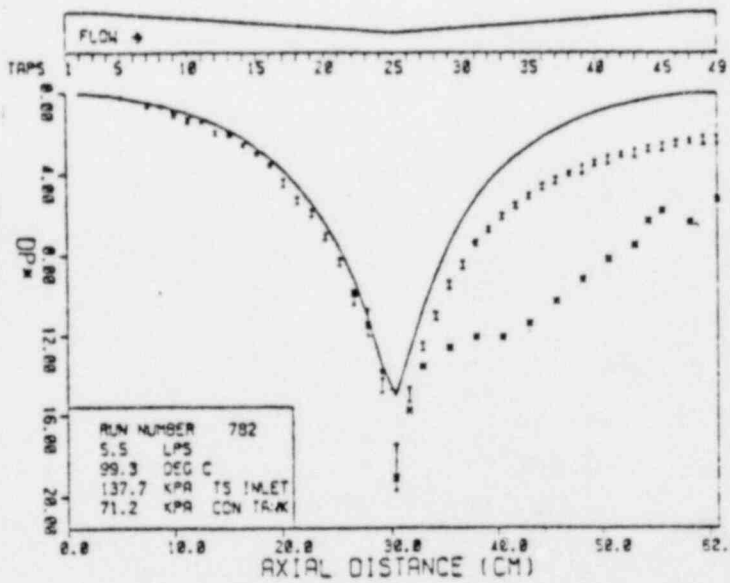


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 782

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-7	5.50	92.4	99.2	88.5	136.8	71.8	270.8	.459E+06	2.19	.62
1-9	5.47	92.3	99.5	88.3	138.1	71.3	269.5	.458E+06	3.90	1.11
1-10	5.51	92.3	99.4	87.9	137.9	71.1	271.4	.461E+06	4.59	1.29
1-13	5.51	92.3	99.4	88.0	137.4	71.3	271.1	.460E+06	7.18	2.02
1-22	5.51	92.3	99.3	87.8	137.5	71.0	271.2	.460E+06	34.89	9.82
1-23	5.50	92.4	99.3	88.1	137.1	71.2	270.9	.459E+06	40.68	11.47
1-24	5.51	92.3	99.3	88.1	137.4	71.3	271.4	.460E+06	49.30	13.86
1-25	5.50	92.3	99.5	86.2	138.9	71.4	270.7	.460E+06	67.89	19.18
1-25	5.52	92.3	99.2	88.2	139.4	70.8	271.6	.460E+06	67.94	19.06
1-26	5.48	92.3	99.1	88.3	136.3	70.9	269.9	.457E+06	55.59	15.79
1-27	5.50	92.3	99.6	88.1	138.9	71.5	270.7	.460E+06	48.03	13.57
1-29	5.53	92.3	99.2	87.9	137.8	70.9	272.2	.461E+06	45.19	12.62
1-31	5.52	92.3	99.1	87.9	135.9	71.1	271.9	.460E+06	43.16	12.18
1-33	5.48	92.3	99.6	88.3	139.3	71.6	270.1	.459E+06	42.57	12.08
1-35	5.49	92.3	99.2	88.2	136.4	70.8	270.3	.458E+06	40.26	11.40
1-37	5.48	92.4	99.3	88.0	137.2	70.9	269.8	.457E+06	36.17	10.28
1-39	5.49	92.3	99.6	87.9	139.3	71.7	270.2	.459E+06	32.43	9.29
1-41	5.48	92.3	99.5	88.1	139.2	71.3	269.6	.458E+06	28.84	8.21
1-43	5.48	92.4	99.5	88.3	138.4	71.2	269.3	.458E+06	26.38	7.50
1-44	5.50	92.4	99.2	87.8	136.8	71.0	270.9	.459E+06	22.40	6.31
1-45	5.51	92.4	99.2	88.2	136.2	71.3	271.2	.459E+06	20.58	5.79
1-47	5.47	92.4	99.4	87.7	138.2	71.7	269.5	.457E+06	22.34	6.37
1-49	5.52	92.3	99.5	88.1	138.9	71.4	272.0	.462E+06	18.68	5.22
5-1	5.49	92.3	99.1	88.1	135.2	71.1	270.4	.457E+06	2.88	.82

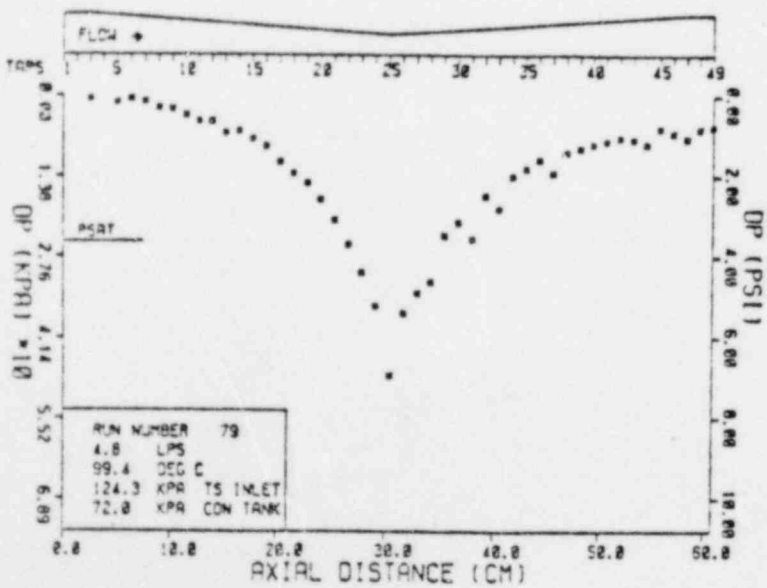


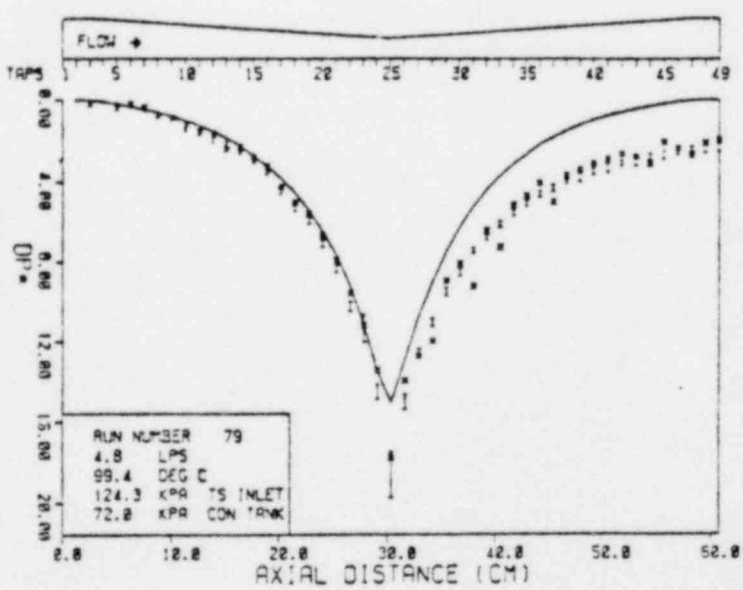


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 79

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	4.78	91.3	99.5	87.9	124.1	71.8	235.5	.400E+06	.55	.20
1-5	4.78	91.3	99.8	88.0	125.6	71.9	235.4	.401E+06	1.15	.43
1-6	4.79	91.3	99.3	87.8	123.9	71.3	235.9	.400E+06	.53	.20
1-7	4.81	91.3	99.1	87.5	122.9	71.5	237.1	.401E+06	1.04	.38
1-8	4.77	91.3	99.2	88.0	123.3	71.6	234.8	.398E+06	2.07	.78
1-9	4.77	91.3	99.8	88.2	125.8	71.9	234.8	.400E+06	2.32	.87
1-10	4.77	91.3	98.9	88.4	122.6	71.2	234.9	.397E+06	3.29	1.24
1-11	4.79	91.3	99.8	88.2	126.3	71.9	235.7	.401E+06	4.37	1.60
1-12	4.78	91.3	99.1	88.2	125.0	71.5	235.3	.398E+06	4.43	1.66
1-13	4.75	91.3	99.7	88.6	125.3	71.7	234.0	.398E+06	6.43	2.43
1-14	4.76	91.3	99.2	88.2	123.5	71.8	234.4	.397E+06	6.05	2.28
1-15	4.80	91.3	99.6	88.0	125.3	71.8	236.3	.402E+06	7.47	2.77
1-16	4.78	91.3	99.8	88.0	123.2	71.6	235.2	.398E+06	8.63	3.23
1-17	4.78	91.3	99.7	88.2	125.6	71.9	235.4	.400E+06	11.35	4.24
1-18	4.75	91.3	99.0	88.1	123.9	71.6	234.1	.396E+06	13.29	5.02
1-19	4.78	91.3	99.6	88.2	125.2	72.3	235.5	.400E+06	14.95	5.58
1-20	4.78	91.3	99.0	88.0	122.8	71.5	235.2	.397E+06	13.81	6.66
1-21	4.79	91.3	99.5	88.1	124.3	71.7	235.7	.400E+06	21.28	7.93
1-22	4.77	91.3	99.3	88.2	123.6	71.9	234.8	.398E+06	25.49	9.57
1-23	4.80	91.3	99.4	88.2	124.1	71.6	236.4	.401E+06	30.24	11.29
1-24	4.78	91.3	99.2	88.0	125.2	71.9	235.4	.399E+06	36.81	13.44
1-25	4.80	91.3	99.5	88.1	124.5	71.7	236.3	.401E+06	47.82	17.73
1-26	4.77	91.3	99.3	88.3	123.7	71.9	235.0	.398E+06	37.23	13.96
1-27	4.76	91.3	99.3	88.6	123.4	72.0	234.4	.397E+06	33.82	12.74
1-28	4.77	91.3	99.5	88.6	124.7	71.7	235.0	.399E+06	31.95	11.97
1-29	4.79	91.3	99.1	88.2	123.8	71.5	235.6	.398E+06	24.85	8.96
1-30	4.79	91.3	99.6	88.1	124.2	72.3	236.1	.401E+06	21.74	9.08
1-31	4.77	91.3	99.5	88.2	124.1	72.2	235.1	.399E+06	24.63	9.23
1-32	4.77	91.3	99.4	88.0	124.5	71.7	234.7	.398E+06	17.09	6.42
1-33	4.77	91.3	99.5	88.1	124.3	72.3	235.1	.399E+06	19.36	7.25
1-34	4.78	91.3	99.2	87.8	122.9	71.6	235.3	.398E+06	13.73	5.13
1-35	4.77	91.3	99.6	87.8	124.7	72.5	234.9	.399E+06	12.51	4.69
1-36	4.80	91.3	99.6	88.3	124.5	72.4	236.2	.401E+06	10.99	4.03
1-37	4.76	91.3	99.7	87.5	125.1	72.5	234.6	.399E+06	10.28	3.80
1-38	4.75	91.4	99.5	88.6	125.1	71.9	233.4	.397E+06	9.77	3.70
1-39	4.76	91.4	99.6	88.5	124.4	72.6	234.4	.398E+06	9.01	3.40
1-40	4.78	91.4	99.6	88.5	124.8	72.6	235.4	.400E+06	8.27	3.09
1-41	4.79	91.4	99.4	88.4	124.8	72.5	235.8	.400E+06	7.75	2.88
1-42	4.77	91.4	99.4	88.3	124.3	72.6	235.1	.399E+06	7.12	2.67
1-43	4.79	91.4	99.7	88.8	125.0	72.7	235.5	.400E+06	7.41	2.77
1-44	4.77	91.5	99.5	88.1	124.4	72.7	234.7	.398E+06	8.29	3.12
1-45	4.79	91.5	99.2	88.0	123.7	72.5	235.8	.399E+06	5.62	2.09
1-46	4.78	91.5	99.1	88.2	122.9	72.3	235.6	.398E+06	6.35	2.37
1-47	4.78	91.5	99.6	88.0	124.7	72.9	235.6	.400E+06	7.30	2.72
1-48	4.78	91.5	99.4	88.1	124.3	72.4	235.5	.400E+06	5.63	2.10
1-49	4.80	91.5	99.3	88.4	123.5	72.7	236.6	.401E+06	5.30	1.96
50-1	4.77	91.4	99.5	88.3	124.7	72.9	235.0	.399E+06	2.66	1.00

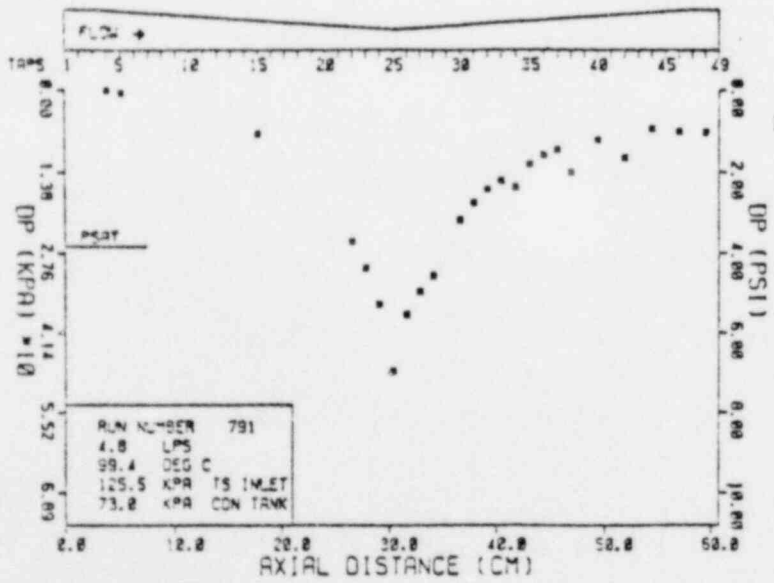


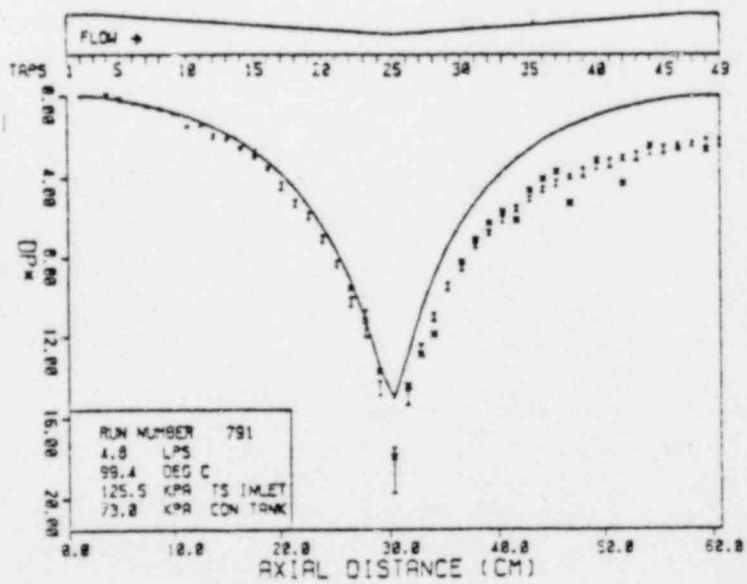


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 791

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-4	4.78	91.5	99.1	88.1	124.4	72.7	235.2	.39ME+06	.00	.00
1-5	4.78	91.5	99.1	88.2	124.8	72.5	235.2	.398E+06	.52	.19
1-15	4.76	91.5	99.6	88.0	126.2	73.2	234.4	.399E+06	7.26	2.77
1-22	4.78	91.5	99.3	87.9	125.0	73.0	235.4	.399E+06	25.55	9.54
1-23	4.80	91.5	99.2	87.9	124.4	72.6	236.3	.400E+06	30.16	11.18
1-24	4.76	91.5	99.6	88.1	126.4	73.0	234.3	.398E+06	26.34	10.78
1-25	4.78	91.5	99.6	88.2	126.0	73.2	235.4	.400E+06	47.96	17.92
1-26	4.75	91.5	99.1	88.2	124.7	73.6	233.8	.395E+06	38.10	14.47
1-27	4.76	91.5	99.6	88.1	126.1	73.1	234.3	.398E+06	34.11	12.87
1-28	4.75	91.5	99.3	88.0	125.4	72.7	234.0	.396E+06	31.40	11.88
1-30	4.76	91.5	99.6	88.2	126.8	73.1	234.4	.398E+06	21.91	8.26
1-31	4.78	91.5	99.6	87.8	126.2	73.2	235.3	.400E+06	19.03	7.11
1-32	4.77	91.5	99.1	87.9	124.4	72.7	235.6	.397E+06	16.68	6.25
1-33	4.78	91.5	99.5	88.2	125.8	73.3	235.3	.399E+06	15.26	5.70
1-34	4.77	91.5	99.4	87.9	125.2	73.2	234.8	.398E+06	16.29	6.12
1-35	4.77	91.5	99.2	87.8	124.5	72.7	234.8	.398E+06	12.44	4.67
1-36	4.76	91.5	99.7	88.0	126.7	73.4	234.5	.399E+06	10.90	4.18
1-37	4.80	91.5	99.6	88.0	126.1	73.4	236.5	.402E+06	10.10	3.74
1-38	4.74	91.5	99.7	88.4	126.7	73.3	233.6	.397E+06	13.90	5.27
1-40	4.77	91.5	99.2	88.1	124.8	72.8	235.0	.398E+06	8.44	3.16
1-42	4.75	91.5	99.6	88.4	126.1	73.4	233.8	.397E+06	11.37	4.30
1-44	4.76	91.6	99.2	88.2	124.4	72.7	234.3	.397E+06	6.59	2.49
1-46	4.76	91.5	99.6	88.0	126.5	73.4	235.6	.400E+06	7.07	2.64
1-48	4.77	91.5	99.2	88.2	125.0	72.8	234.3	.397E+06	7.07	2.65
50-1	4.78	91.6	99.2	88.0	124.6	73.0	235.3	.398E+06	1.28	.48

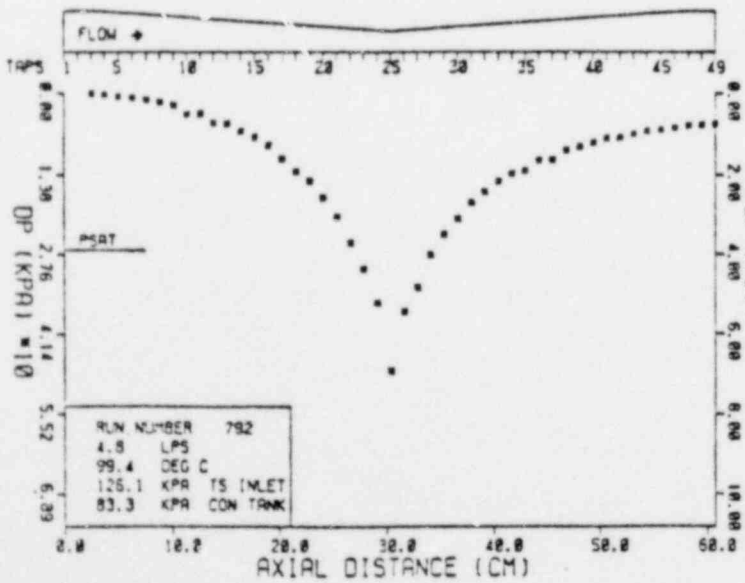


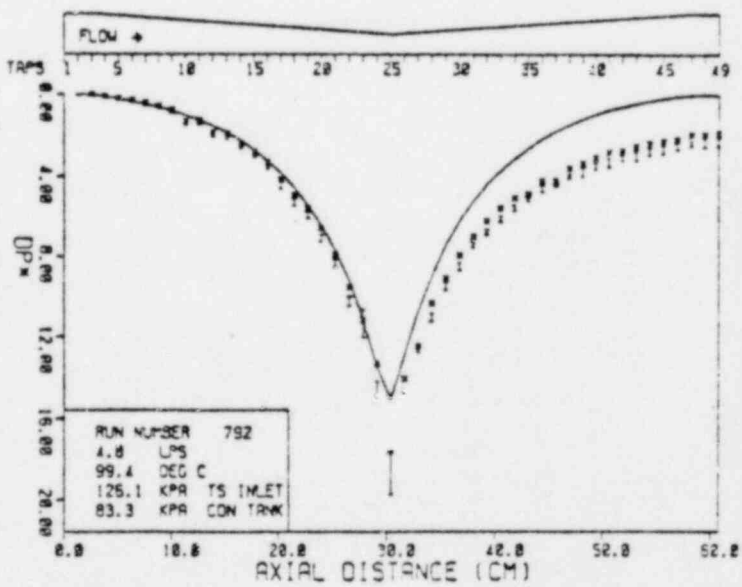


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 792

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	4.78	91.3	99.2	88.1	124.8	82.8	235.3	.398E+06	.00	.00
1-4	4.77	91.3	99.0	88.3	125.0	83.0	235.0	.397E+06	.20	.07
1-5	4.79	91.3	99.0	88.2	125.6	83.0	235.8	.399E+06	.50	.19
1-6	4.77	91.2	99.7	88.4	126.7	83.4	234.7	.399E+06	.75	.28
1-7	4.80	91.2	99.8	88.0	126.7	83.5	236.2	.402E+06	1.09	.41
1-8	4.81	91.3	98.9	88.0	125.2	82.8	236.8	.400E+06	1.50	.55
1-9	4.76	91.2	99.8	88.4	126.6	83.4	234.6	.399E+06	2.02	.76
1-10	4.79	91.3	99.2	88.0	124.7	82.8	235.8	.399E+06	3.51	1.31
1-11	4.75	91.3	99.7	88.3	128.2	83.6	234.1	.398E+06	3.37	1.27
1-12	4.76	91.3	99.1	88.3	124.4	82.7	234.4	.397E+06	4.94	1.86
1-13	4.78	91.2	99.6	88.2	126.9	83.6	235.3	.400E+06	5.15	1.93
1-14	4.79	91.4	99.2	88.3	124.9	82.8	235.8	.399E+06	6.43	2.39
1-15	4.77	91.2	99.3	88.1	125.9	83.4	234.9	.398E+06	7.42	2.78
1-16	4.78	91.2	99.2	88.4	124.7	82.8	235.3	.399E+06	8.84	3.30
1-17	4.79	91.3	99.7	88.2	125.8	83.7	236.0	.401E+06	11.12	4.14
1-18	4.80	91.3	98.9	88.2	125.0	82.8	236.4	.399E+06	13.22	4.90
1-19	4.75	91.3	99.8	88.4	127.1	83.5	234.1	.399E+06	14.80	5.59
1-20	4.79	91.2	99.0	88.3	126.0	83.0	235.7	.398E+06	17.69	6.59
1-21	4.76	91.3	99.8	88.5	126.8	83.5	234.6	.400E+06	21.06	7.92
1-22	4.78	91.3	99.1	88.3	125.7	83.1	235.4	.398E+06	25.57	9.55
1-23	4.79	91.3	99.6	87.9	125.9	83.2	236.1	.401E+06	30.08	11.17
1-24	4.80	91.3	99.0	88.1	125.6	83.1	236.5	.400E+06	36.81	13.22
1-25	4.81	91.3	99.8	87.9	127.2	83.6	237.0	.404E+06	47.72	17.59
1-26	4.77	91.3	99.0	88.2	125.6	83.1	235.0	.397E+06	37.50	14.05
1-27	4.78	91.3	99.8	88.0	126.5	83.6	235.4	.401E+06	33.36	12.47
1-28	4.78	91.3	99.1	87.9	125.0	82.8	235.1	.398E+06	27.62	10.33
1-29	4.76	91.3	99.4	88.2	127.3	83.5	234.2	.397E+06	24.11	9.18
1-30	4.81	91.3	99.8	88.2	127.3	83.8	236.6	.403E+06	21.46	7.93
1-31	4.77	91.3	99.7	88.8	126.7	83.2	234.8	.399E+06	18.63	7.00
1-32	4.80	91.4	99.1	87.9	125.1	83.2	236.5	.400E+06	16.79	6.21
1-33	4.79	91.3	99.4	88.3	125.9	83.5	235.6	.400E+06	14.91	5.56
1-34	4.78	91.3	99.2	87.7	125.2	83.0	235.5	.399E+06	13.59	5.07
1-35	4.78	91.4	99.6	88.1	125.9	83.7	235.2	.400E+06	13.06	4.89
1-36	4.78	91.4	99.4	88.2	125.9	83.1	235.3	.399E+06	11.29	4.22
1-37	4.77	91.3	99.8	87.9	128.9	83.6	234.7	.399E+06	11.24	4.20
1-38	4.77	91.4	99.0	88.1	125.3	82.9	234.8	.397E+06	9.57	3.59
1-39	4.77	91.4	99.0	88.0	125.6	83.0	235.0	.397E+06	8.94	3.35
1-40	4.80	91.3	99.7	88.1	126.9	83.5	236.1	.402E+06	8.30	3.08
1-41	4.78	91.3	99.8	88.0	127.1	83.6	235.6	.401E+06	7.58	2.83
1-42	4.80	91.4	99.6	88.0	126.2	83.3	236.3	.402E+06	7.37	2.73
1-43	4.79	91.3	99.2	87.8	126.3	83.3	236.0	.400E+06	6.85	2.55
1-44	4.78	91.3	99.3	87.5	125.6	83.3	235.3	.399E+06	6.35	2.37
1-45	4.80	91.3	99.7	87.9	126.8	83.3	236.3	.402E+06	6.14	2.28
1-46	4.76	91.3	99.7	88.2	126.7	83.4	234.4	.399E+06	5.76	2.17
1-47	4.80	91.4	99.7	88.1	127.0	83.6	236.4	.402E+06	5.26	1.99
1-48	4.79	91.3	99.6	88.1	126.1	83.6	235.7	.401E+06	5.02	1.98
1-49	4.78	91.4	99.3	88.4	125.9	83.4	235.5	.399E+06	5.11	1.91
50-1	4.78	91.4	99.6	88.3	126.1	83.6	235.4	.400E+06	2.63	.98

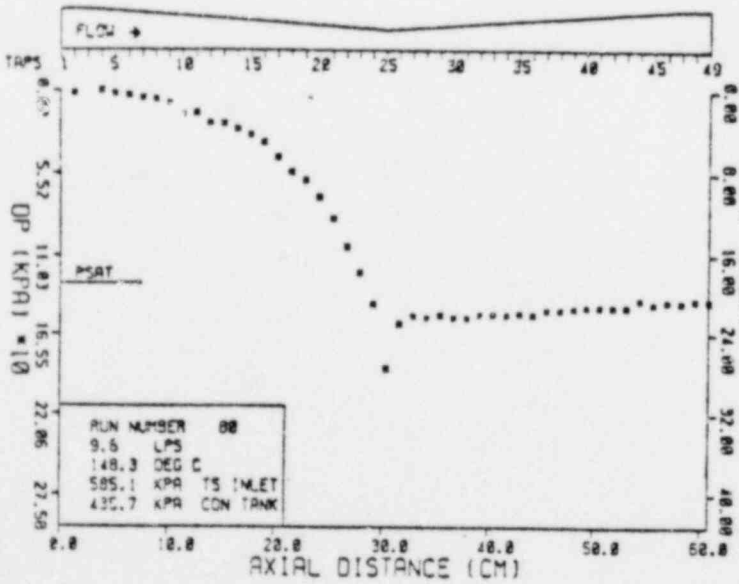


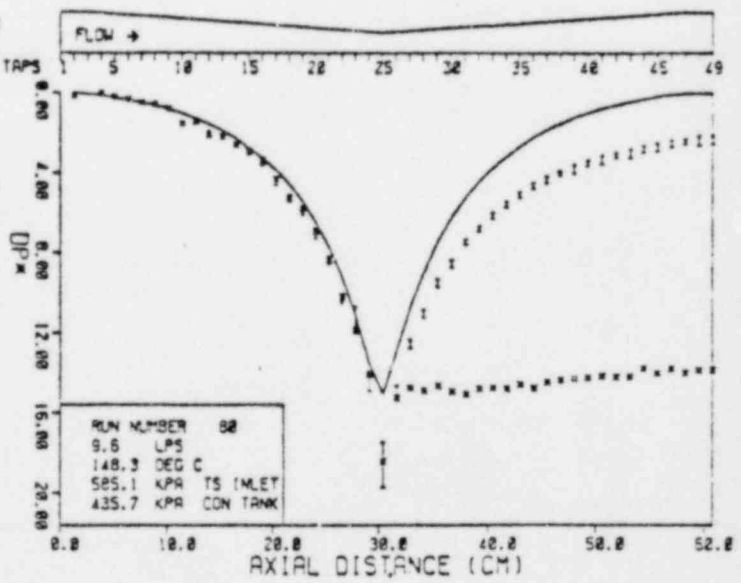


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 90

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-2	9.61	[illegible]	148.8	144.4	591.5	442.0	473.1	.117E+07	1.25	.12
1-4	9.56	143.1	148.6	144.4	588.5	439.6	470.8	.117E+07	.00	.00
1-5	9.58	143.1	148.6	143.8	588.1	438.7	471.9	.117E+07	1.81	.18
1-6	9.58	143.1	148.5	143.9	586.5	438.3	471.8	.117E+07	3.38	.33
1-7	9.60	143.0	148.5	143.6	585.6	437.9	472.5	.117E+07	4.96	.48
1-8	9.59	143.0	148.4	143.7	587.6	436.5	472.3	.117E+07	5.74	.56
1-9	9.57	142.9	148.4	143.8	585.1	436.8	471.4	.116E+07	8.16	.79
1-10	9.61	142.9	148.3	143.5	583.1	435.1	473.1	.117E+07	15.76	1.52
1-11	9.58	142.9	148.3	143.1	586.6	435.0	471.9	.117E+07	14.78	1.43
1-12	9.57	142.9	148.3	143.5	584.6	434.9	471.4	.116E+07	21.68	2.11
1-13	9.58	142.8	148.3	143.7	585.3	434.7	471.9	.116E+07	22.40	2.17
1-14	9.56	142.9	148.3	143.8	584.9	435.1	471.0	.116E+07	26.85	2.54
1-15	9.59	142.9	148.3	143.8	585.2	435.2	472.2	.117E+07	29.79	2.89
1-16	9.55	142.9	148.3	143.7	583.1	435.2	470.3	.116E+07	34.45	3.38
1-17	9.56	142.9	148.3	143.6	583.7	435.4	471.6	.116E+07	44.25	4.31
1-18	9.57	142.9	148.3	143.4	584.6	435.4	471.1	.116E+07	53.95	5.25
1-19	9.60	142.9	148.3	143.5	585.4	435.1	472.7	.117E+07	59.64	5.76
1-20	9.59	142.9	148.3	143.6	586.7	435.2	472.4	.117E+07	70.99	6.87
1-21	9.54	142.9	148.3	143.5	583.6	435.5	471.6	.116E+07	85.23	8.27
1-22	9.56	142.9	148.3	143.5	583.9	435.5	470.9	.116E+07	104.54	10.14
1-23	9.58	142.9	148.3	143.5	585.8	435.4	472.0	.117E+07	122.26	11.86
1-24	9.58	142.9	148.3	143.1	583.8	435.4	471.6	.116E+07	144.64	14.05
1-25	9.57	142.9	148.3	143.4	583.1	435.3	471.2	.116E+07	189.46	18.42
1-26	9.60	142.9	148.3	143.7	582.7	435.4	472.9	.117E+07	158.04	15.26
1-27	9.60	142.9	148.3	143.5	581.6	435.7	472.8	.117E+07	152.88	14.77
1-28	9.60	142.9	148.3	143.5	584.0	435.5	472.5	.117E+07	150.58	14.58
1-29	9.62	143.0	148.3	143.2	582.8	435.7	473.9	.117E+07	152.20	14.64
1-30	9.59	142.9	148.4	143.5	584.4	435.9	472.0	.117E+07	153.92	14.92
1-31	9.56	142.9	148.4	143.4	584.4	435.9	470.6	.116E+07	154.28	15.04
1-32	9.56	142.9	148.3	143.4	586.0	435.8	470.8	.116E+07	151.65	14.77
1-33	9.57	142.9	148.3	143.5	587.4	435.8	471.5	.116E+07	151.69	14.74
1-34	9.57	142.9	148.3	143.3	584.9	435.5	471.8	.116E+07	151.93	14.79
1-35	9.60	142.9	148.3	143.3	585.1	435.5	472.8	.117E+07	150.94	14.58
1-36	9.57	142.8	148.3	143.4	585.8	435.3	471.2	.116E+07	151.73	14.76
1-37	9.57	142.9	148.3	143.4	585.3	435.3	471.4	.116E+07	148.54	14.43
1-38	9.59	142.8	148.3	143.1	584.9	434.7	472.4	.117E+07	148.24	14.34
1-39	9.59	142.9	148.3	143.2	585.3	434.8	472.1	.117E+07	147.18	14.26
1-40	9.57	142.8	148.3	143.4	585.8	434.8	471.4	.116E+07	146.38	14.23
1-41	9.60	142.8	148.3	143.3	586.5	434.7	472.8	.117E+07	146.40	14.14
1-42	9.58	142.8	148.3	143.2	582.9	434.4	471.8	.116E+07	146.21	14.19
1-43	9.59	142.8	148.3	143.5	585.2	435.1	472.0	.117E+07	146.30	14.18
1-44	9.58	142.8	148.3	143.3	584.8	435.3	471.9	.117E+07	141.82	13.75
1-45	9.58	142.8	148.3	143.0	585.9	435.1	471.6	.116E+07	144.12	13.99
1-46	9.60	142.9	148.3	143.5	585.0	435.1	472.6	.117E+07	142.49	13.77
1-47	9.56	142.8	148.3	143.4	586.1	435.4	470.6	.116E+07	143.47	13.99
1-48	9.55	142.8	148.3	143.4	584.8	435.1	470.2	.116E+07	141.86	13.86
1-49	9.58	142.8	148.3	143.2	582.4	435.2	471.7	.116E+07	142.68	13.85
50-1	9.58	142.8	148.3	143.7	585.9	435.3	471.6	.116E+07	13.22	1.28

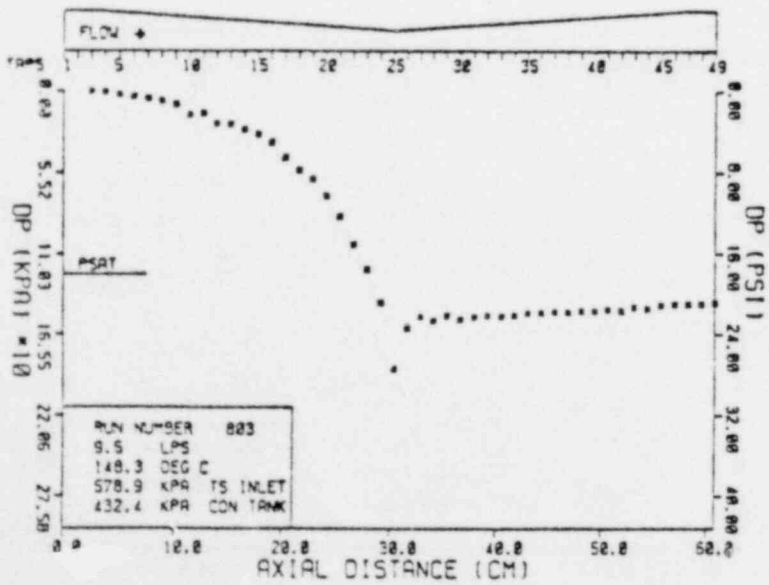


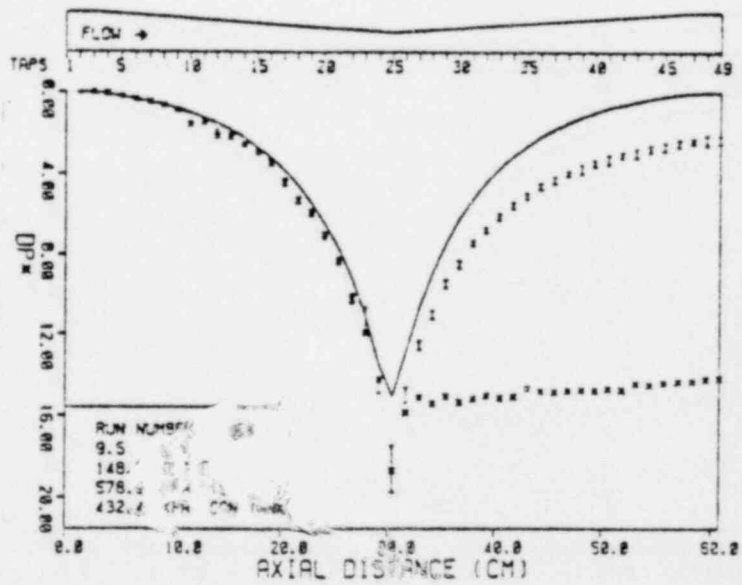


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 883

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	9.51	142.5	148.3	143.4	579.3	432.4	468.1	.116E+07	.00	.00
1-4	9.49	142.4	148.3	143.8	577.5	432.6	467.5	.115E+07	.62	.06
1-5	9.50	142.5	148.3	143.8	578.5	432.8	468.0	.116E+07	2.28	.22
1-6	9.48	142.5	148.3	143.6	579.3	432.8	467.0	.115E+07	3.55	.35
1-7	9.50	142.5	148.3	143.6	577.6	433.2	467.7	.116E+07	4.94	.49
1-8	9.48	142.5	148.4	143.3	580.0	433.4	467.1	.115E+07	6.66	.66
1-9	9.53	142.5	148.4	143.5	580.0	433.9	469.3	.116E+07	8.96	.88
1-10	9.52	142.7	148.4	143.4	579.9	433.6	469.0	.116E+07	16.08	1.58
1-11	9.48	142.6	148.3	143.4	578.8	433.2	466.9	.115E+07	14.87	1.47
1-12	9.51	142.6	148.4	143.5	577.9	433.0	468.5	.116E+07	21.95	2.16
1-13	9.48	142.5	148.3	143.2	578.6	433.0	467.0	.115E+07	22.34	2.21
1-14	9.50	142.4	148.5	143.6	580.1	433.0	468.0	.116E+07	26.13	2.58
1-15	9.48	142.5	148.3	143.5	578.4	432.7	467.0	.115E+07	29.48	2.92
1-16	9.50	142.6	148.3	143.4	579.5	432.4	467.9	.116E+07	34.80	3.43
1-17	9.52	142.5	148.3	143.8	578.5	432.5	468.9	.116E+07	44.95	4.41
1-18	9.53	142.5	148.3	143.3	578.5	432.3	469.0	.116E+07	53.71	5.27
1-19	9.47	142.5	148.3	143.3	579.4	432.2	466.1	.115E+07	59.61	5.92
1-20	9.52	142.5	148.3	143.1	578.3	432.2	468.9	.116E+07	71.14	6.99
1-21	9.52	142.5	148.3	143.1	579.8	432.5	469.0	.116E+07	84.84	9.33
1-22	9.51	142.5	148.3	143.2	579.9	432.7	468.5	.116E+07	104.02	10.23
1-23	9.50	142.5	148.3	143.1	579.3	431.9	467.6	.115E+07	120.99	11.95
1-24	9.49	142.5	148.2	143.7	579.8	431.9	467.2	.115E+07	144.03	14.25
1-25	9.49	142.5	148.2	143.6	577.4	431.6	467.2	.115E+07	188.83	18.68
1-26	9.51	142.5	148.2	143.4	576.7	431.2	468.4	.116E+07	160.99	15.84
1-27	9.52	142.4	148.3	143.6	578.8	431.7	468.6	.116E+07	153.67	15.11
1-28	9.50	142.4	148.3	143.7	577.7	431.7	467.8	.115E+07	156.00	15.40
1-29	9.50	142.5	148.2	143.6	578.9	431.7	467.9	.116E+07	152.85	15.07
1-30	9.49	142.5	148.3	143.6	578.3	431.9	467.4	.115E+07	155.24	15.35
1-31	9.51	142.4	148.3	143.7	578.0	431.9	468.1	.116E+07	154.00	15.18
1-32	9.51	142.4	148.2	143.5	579.1	432.0	468.4	.116E+07	152.90	15.05
1-33	9.49	142.4	148.3	143.5	577.0	432.0	467.4	.115E+07	153.24	15.14
1-34	9.49	142.5	148.3	143.3	577.6	432.1	467.1	.115E+07	152.54	15.10
1-35	9.55	142.4	148.3	143.1	579.5	432.2	470.4	.116E+07	150.75	14.71
1-36	9.51	142.5	148.3	143.7	579.4	432.0	468.4	.116E+07	150.71	14.83
1-37	9.48	142.5	148.3	143.4	577.2	432.0	467.0	.115E+07	150.00	14.85
1-38	9.51	142.5	148.3	143.4	579.1	432.2	468.3	.116E+07	150.42	14.81
1-39	9.50	142.5	148.3	143.2	579.1	432.3	468.0	.116E+07	149.86	14.77
1-40	9.48	142.5	148.3	143.4	580.3	432.2	467.0	.115E+07	149.52	14.80
1-41	9.48	142.5	148.3	143.5	579.4	432.2	467.0	.115E+07	148.70	14.72
1-42	9.49	142.5	148.3	143.3	579.6	432.5	467.2	.115E+07	149.44	14.78
1-43	9.52	142.5	148.3	143.4	579.3	432.3	468.6	.116E+07	147.04	14.46
1-44	9.53	142.4	148.3	143.7	580.5	432.5	469.3	.116E+07	148.00	14.51
1-45	9.49	142.5	148.3	143.2	578.1	432.3	467.2	.115E+07	145.86	14.43
1-46	9.49	142.4	148.3	143.4	579.1	432.2	467.5	.115E+07	145.19	14.35
1-47	9.49	142.5	148.3	143.6	579.9	432.1	467.5	.115E+07	144.95	14.32
1-48	9.52	142.4	148.3	143.4	579.6	432.2	468.8	.116E+07	144.75	14.22
1-49	9.51	142.5	148.3	143.5	579.3	431.9	468.1	.116E+07	143.91	14.18
50-1	9.50	142.5	148.2	143.4	579.6	432.3	467.7	.115E+07	14.48	1.42

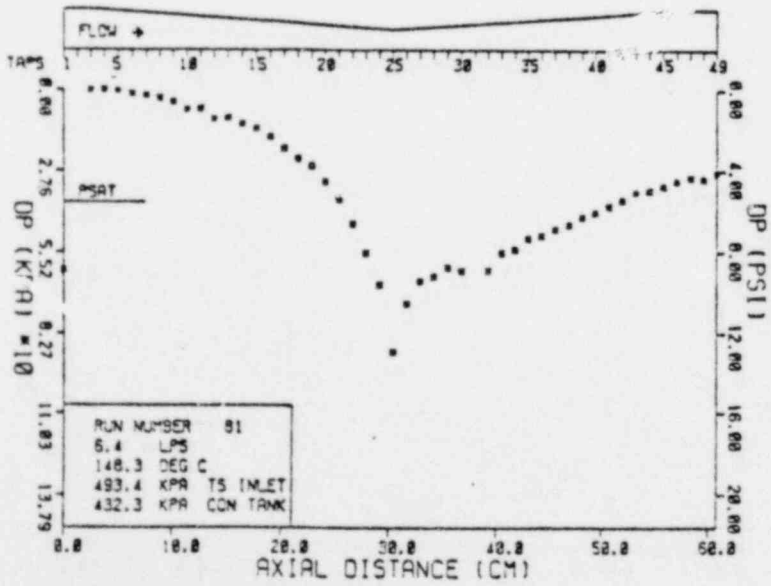


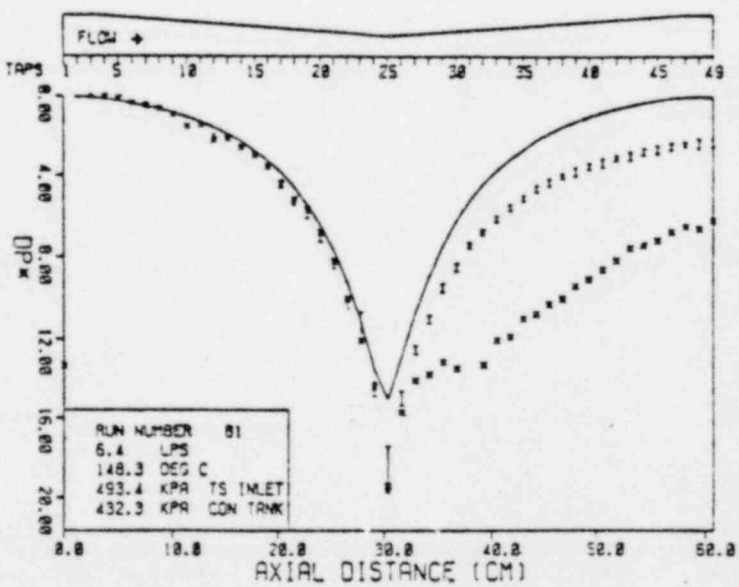


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 81

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.42	[illegible]	148.1	143.8	494.4	432.8	315.9	.780E+06	.00	.00
1-4	6.41	139.4	148.3	144.1	493.5	431.6	315.4	.779E+06	.00	.00
1-5	6.38	139.4	148.4	144.0	495.3	431.9	314.1	.776E+06	.26	.08
1-6	6.40	139.4	148.3	144.0	494.7	431.9	315.0	.778E+06	1.43	.31
1-7	6.41	139.4	148.3	144.1	493.3	431.9	315.6	.779E+06	1.94	.42
1-8	6.41	139.4	148.2	144.2	494.3	431.8	315.4	.779E+06	2.86	.62
1-9	6.39	139.4	148.4	143.8	494.3	432.1	314.5	.777E+06	4.16	.91
1-10	6.39	139.4	148.3	144.0	493.8	431.9	314.8	.778E+06	6.79	1.48
1-11	6.37	139.5	148.3	144.1	494.1	431.9	313.8	.775E+06	6.49	1.42
1-12	6.39	139.4	148.3	144.3	494.3	432.2	314.6	.777E+06	10.03	2.19
1-13	6.40	139.5	148.4	143.9	494.6	432.6	315.0	.778E+06	9.62	2.09
1-14	6.38	139.5	148.3	143.9	494.9	432.3	314.4	.777E+06	11.66	2.55
1-15	6.39	139.4	148.3	144.1	495.0	432.2	314.9	.778E+06	13.42	2.92
1-16	6.39	139.5	148.3	144.0	493.5	432.1	314.6	.777E+06	16.14	3.52
1-17	6.37	139.5	148.3	144.2	494.4	432.2	313.7	.775E+06	20.15	4.42
1-18	6.38	139.5	148.3	144.1	494.6	432.2	314.3	.776E+06	23.56	5.15
1-19	6.38	139.6	148.2	143.7	493.8	432.2	314.4	.776E+06	25.87	5.65
1-20	6.41	139.5	148.4	143.6	494.1	432.3	315.5	.780E+06	31.12	6.75
1-21	6.38	139.5	148.4	143.9	494.7	432.6	314.1	.776E+06	37.25	8.15
1-22	6.37	139.5	148.4	144.0	494.6	432.6	313.7	.775E+06	45.62	10.01
1-23	6.40	139.5	148.4	144.	495.2	432.9	314.9	.778E+06	55.49	12.08
1-24	6.39	139.5	148.3	144.0	494.8	432.2	314.7	.777E+06	66.10	14.42
1-25	6.39	139.5	148.3	143.9	492.6	432.3	314.5	.777E+06	89.08	19.45
1-26	6.41	139.4	148.3	143.9	491.7	432.3	315.8	.780E+06	72.57	15.71
1-27	6.40	139.5	148.3	144.3	491.8	432.1	315.1	.778E+06	64.86	14.11
1-28	6.39	139.5	148.3	144.1	492.0	432.2	314.5	.777E+06	63.14	13.79
1-29	6.38	139.4	148.3	144.1	493.2	432.6	314.2	.776E+06	60.21	13.17
1-30	6.37	139.5	148.4	144.3	493.2	432.5	313.7	.775E+06	61.48	13.47
1-31	6.39	139.5	148.3	144.5	492.3	432.5	314.7	.777E+06	61.02	13.30
1-32	6.41	139.5	148.3	144.8	492.6	432.2	315.5	.779E+06	61.26	13.29
1-33	6.40	139.5	148.3	144.3	492.5	432.1	315.2	.778E+06	55.35	12.03
1-34	6.38	139.5	148.3	144.0	491.9	432.2	314.0	.776E+06	54.22	11.88
1-35	6.40	139.4	148.3	144.1	492.5	432.3	315.3	.779E+06	50.53	10.97
1-36	6.40	139.4	148.3	143.9	492.1	432.5	315.1	.778E+06	49.49	10.76
1-37	6.40	139.4	148.3	143.9	491.9	432.4	315.3	.779E+06	47.28	10.27
1-38	6.38	139.5	148.3	144.0	492.4	432.7	314.3	.776E+06	45.79	10.01
1-39	6.41	139.5	148.3	144.0	492.2	432.5	315.5	.779E+06	43.35	9.48
1-40	6.39	139.5	148.3	144.0	493.0	432.7	314.6	.777E+06	41.64	9.09
1-41	6.40	139.5	148.4	144.0	492.4	432.8	315.2	.779E+06	39.63	8.61
1-42	6.39	139.5	148.3	144.1	493.2	432.7	314.8	.778E+06	37.46	8.17
1-43	6.40	139.5	148.4	144.2	493.3	433.2	315.0	.778E+06	34.74	7.56
1-44	6.41	139.5	148.4	144.0	494.0	433.0	315.4	.779E+06	34.14	7.41
1-45	6.37	139.5	148.3	144.0	492.7	432.5	313.6	.775E+06	32.73	7.19
1-46	6.39	139.5	148.3	144.0	492.7	432.2	314.8	.778E+06	30.99	6.75
1-47	6.41	139.5	148.3	144.1	491.7	432.2	315.5	.779E+06	29.92	6.49
1-48	6.40	139.5	148.3	144.1	492.8	432.5	315.3	.779E+06	30.37	6.60
1-49	6.39	139.5	148.3	144.1	492.3	432.0	314.5	.777E+06	28.30	6.18
50-1	6.37	139.4	148.3	144.1	492.9	432.2	313.8	.775E+06	5.29	1.16

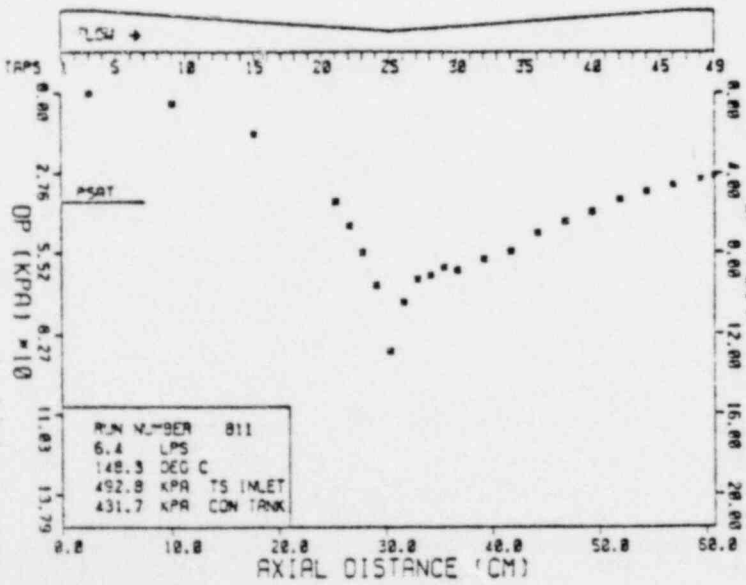


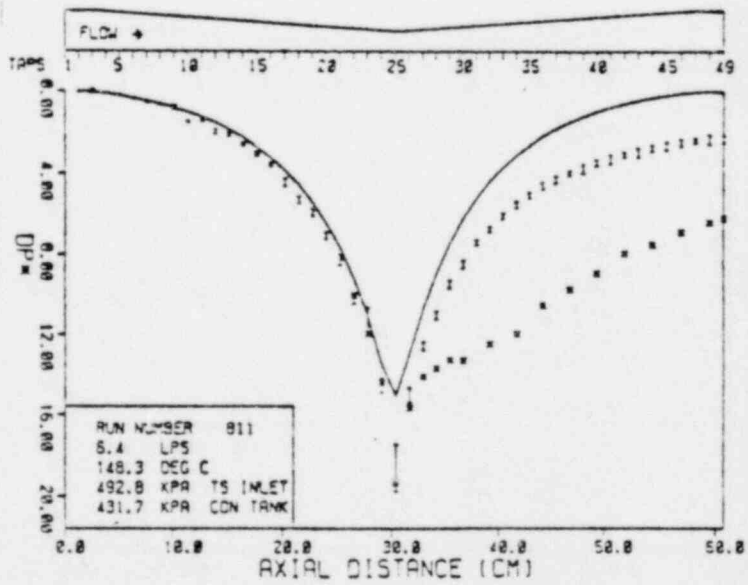


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 811

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.39	139.3	148.3	144.7	493.0	431.8	314.8	.777E+06	.00	.00
1-9	6.38	139.3	148.3	145.0	493.8	430.9	314.4	.776E+06	3.56	.80
1-15	6.37	139.3	148.3	144.9	492.6	430.8	313.8	.775E+06	13.95	3.06
1-21	6.41	139.3	148.3	144.8	492.5	431.0	315.6	.779E+06	37.36	8.10
1-22	6.37	139.3	148.3	144.5	493.8	431.1	313.9	.775E+06	45.81	10.04
1-23	6.40	139.3	148.3	144.9	492.5	430.9	315.3	.779E+06	55.08	11.96
1-24	6.40	139.3	148.4	144.8	493.8	431.7	315.1	.778E+06	66.14	14.39
1-25	6.39	139.3	148.3	144.6	492.5	431.3	314.6	.777E+06	88.50	19.31
1-26	6.40	139.3	148.4	144.6	493.0	431.7	315.3	.779E+06	72.02	15.64
1-27	6.37	139.4	148.3	144.7	492.6	431.5	313.7	.775E+06	64.28	14.11
1-28	6.40	139.4	148.3	144.7	492.4	431.7	315.1	.778E+06	62.93	13.69
1-29	6.36	139.4	148.3	144.7	492.0	431.7	313.4	.774E+06	60.32	13.26
1-30	6.41	139.4	148.4	144.6	492.5	431.9	315.4	.779E+06	61.24	13.39
1-32	6.41	139.4	148.4	144.7	492.6	431.8	315.4	.779E+06	57.49	12.48
1-34	6.39	139.4	148.4	144.6	492.6	432.0	314.5	.777E+06	54.81	11.97
1-36	6.39	139.5	148.3	144.8	492.4	431.7	314.8	.778E+06	48.44	10.55
1-38	6.37	139.4	148.3	144.5	492.7	431.9	313.4	.774E+06	44.06	9.75
1-40	6.38	139.4	148.4	144.6	492.7	432.1	314.4	.777E+06	40.96	8.95
1-42	6.41	139.4	148.4	144.8	492.8	432.0	315.6	.780E+06	36.67	7.95
1-44	6.35	139.5	148.4	144.4	492.3	432.1	312.8	.773E+06	34.08	7.52
1-46	6.40	139.4	148.4	144.1	493.1	432.1	315.1	.778E+06	31.73	6.90
1-48	6.39	139.5	148.4	144.5	492.4	432.2	314.9	.778E+06	29.47	6.42
1-49	6.39	139.5	148.4	144.5	492.7	432.3	314.5	.777E+06	28.42	6.21
50-1	6.39	139.5	148.4	144.6	493.0	432.7	314.6	.777E+06	5.24	1.14

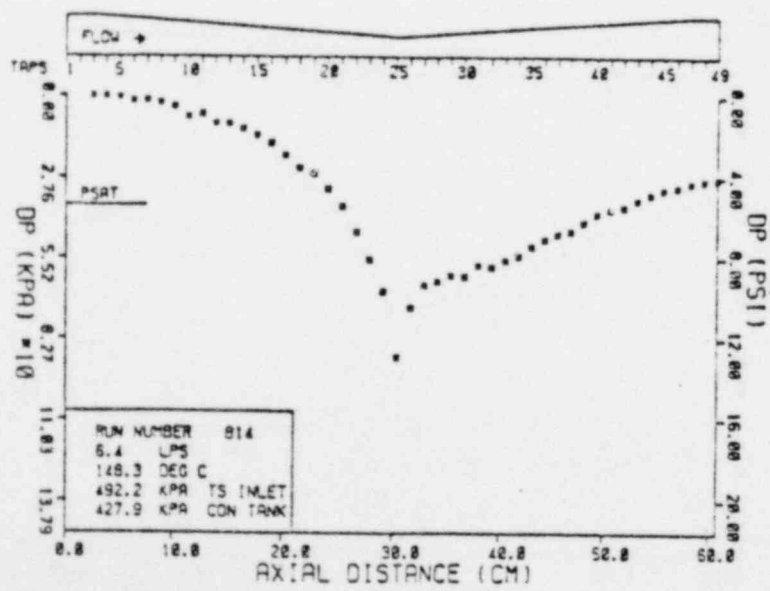


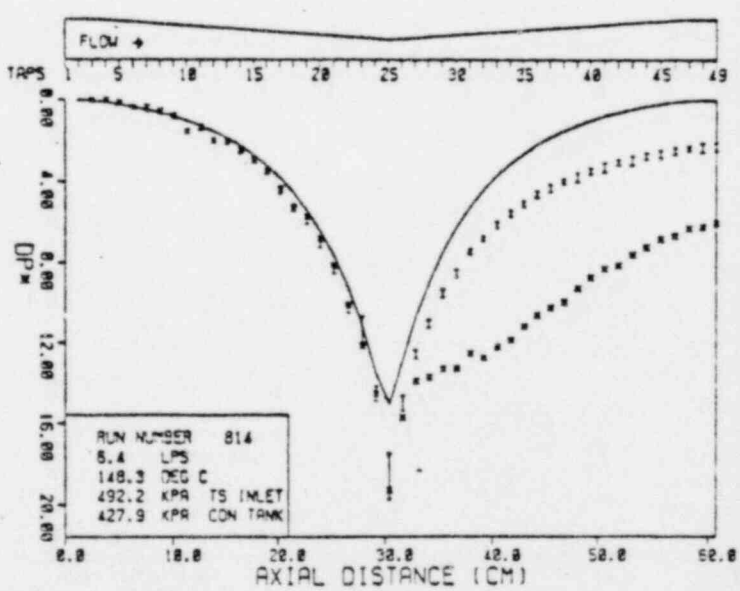


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 814

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	6.39	139.5	148.3	144.3	492.1	427.2	314.5	.777E+06	.00	.00
1-4	6.38	139.6	148.4	143.9	493.1	427.6	314.2	.776E+06	.00	.00
1-5	6.38	139.5	148.4	144.3	492.6	427.7	313.9	.776E+06	.53	.12
1-6	6.38	139.6	148.4	144.1	493.1	427.9	314.0	.776E+06	1.60	.35
1-7	6.36	139.5	148.3	144.1	492.8	427.6	313.3	.774E+06	1.58	.35
1-8	6.38	139.6	148.4	144.2	493.2	427.7	314.2	.776E+06	2.37	.52
1-9	6.40	139.6	148.3	144.2	493.7	427.4	315.3	.779E+06	3.52	.76
1-10	6.39	139.6	148.3	144.0	492.8	427.5	314.5	.777E+06	7.09	1.55
1-11	6.38	139.6	148.3	144.2	493.1	427.6	314.1	.776E+06	6.04	1.32
1-12	6.39	139.6	148.3	144.3	492.1	427.6	314.5	.777E+06	9.20	2.01
1-13	6.40	139.6	148.3	144.3	492.7	427.8	315.0	.778E+06	9.43	2.05
1-14	6.39	139.6	148.3	144.2	491.3	427.5	314.4	.777E+06	11.20	2.45
1-15	6.39	139.5	148.4	143.6	493.0	427.9	314.5	.777E+06	13.54	2.96
1-16	6.41	139.6	148.4	144.0	493.0	428.0	315.6	.780E+06	16.05	3.48
1-17	6.40	139.6	148.3	143.9	492.2	427.6	315.0	.778E+06	20.16	4.39
1-18	6.38	139.6	148.3	144.1	492.7	427.7	314.4	.776E+06	24.35	5.32
1-19	6.40	139.6	148.3	144.3	492.6	427.8	314.9	.778E+06	26.16	5.70
1-20	6.41	139.6	148.2	144.2	492.2	427.6	315.6	.779E+06	31.31	6.79
1-21	6.39	139.6	148.3	144.0	493.3	427.7	314.7	.777E+06	37.26	8.13
1-22	6.37	139.5	148.4	144.2	492.3	427.9	313.8	.775E+06	45.92	10.07
1-23	6.38	139.5	148.2	144.0	491.7	427.6	314.2	.776E+06	55.52	12.14
1-24	6.38	139.6	148.3	143.8	492.1	427.6	314.1	.776E+06	66.52	14.56
1-25	6.42	139.6	148.4	144.0	492.8	428.0	316.0	.781E+06	89.10	19.26
1-26	6.39	139.6	148.3	144.1	492.6	427.9	314.6	.777E+06	72.02	15.72
1-27	6.41	139.6	148.3	144.1	490.5	427.5	315.7	.780E+06	64.20	13.91
1-28	6.39	139.4	148.3	143.7	490.6	427.8	314.8	.778E+06	63.01	13.73
1-29	6.40	139.6	148.3	143.9	491.1	427.9	315.0	.778E+06	61.08	13.29
1-30	6.42	139.5	148.3	143.6	490.4	427.6	316.2	.781E+06	61.49	13.28
1-31	6.41	139.6	148.4	144.3	491.7	428.0	315.4	.779E+06	57.80	12.55
1-32	6.39	139.6	148.4	144.1	491.4	427.9	314.5	.777E+06	58.38	12.75
1-33	6.39	139.6	148.3	144.1	491.6	427.7	314.8	.778E+06	56.02	12.21
1-34	6.40	139.6	148.3	144.0	491.4	427.7	314.9	.778E+06	54.41	11.85
1-35	6.39	139.5	148.3	144.1	490.5	427.5	314.7	.777E+06	51.24	11.17
1-36	6.39	139.5	148.3	144.1	491.4	427.7	314.6	.777E+06	48.61	10.61
1-37	6.40	139.6	148.4	144.1	492.0	428.1	314.9	.778E+06	46.82	10.19
1-38	6.40	139.6	148.4	144.1	491.4	428.1	315.0	.778E+06	45.60	9.92
1-39	6.41	139.6	148.4	144.1	491.1	428.2	315.6	.780E+06	42.64	9.25
1-40	6.38	139.5	148.4	144.1	491.9	428.1	314.2	.776E+06	39.75	8.70
1-41	6.40	139.6	148.4	144.0	492.5	428.1	315.3	.779E+06	38.16	8.29
1-42	6.41	139.6	148.4	144.1	491.4	428.0	315.6	.780E+06	37.49	8.13
1-43	6.42	139.5	148.3	144.2	492.1	427.9	316.1	.781E+06	35.13	7.59
1-44	6.40	139.5	148.4	144.3	491.7	428.0	315.1	.779E+06	33.25	7.20
1-45	6.42	139.5	148.4	144.1	492.4	428.2	316.2	.781E+06	31.55	6.81
1-46	6.41	139.5	148.4	144.0	492.3	428.4	315.7	.780E+06	30.74	6.66
1-47	6.43	139.5	148.4	144.0	492.3	428.6	316.6	.782E+06	29.22	6.30
1-48	6.39	139.6	148.4	144.1	492.8	428.6	314.9	.778E+06	28.54	6.22
1-49	6.43	139.5	148.4	144.1	493.1	428.6	316.6	.782E+06	27.94	6.02
50-1	6.37	139.5	148.4	144.3	492.7	428.5	313.4	.775E+06	5.17	1.14

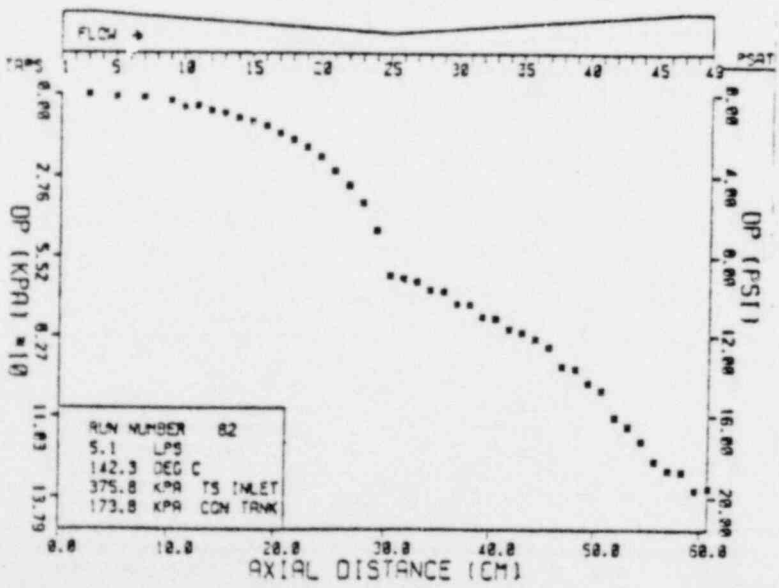


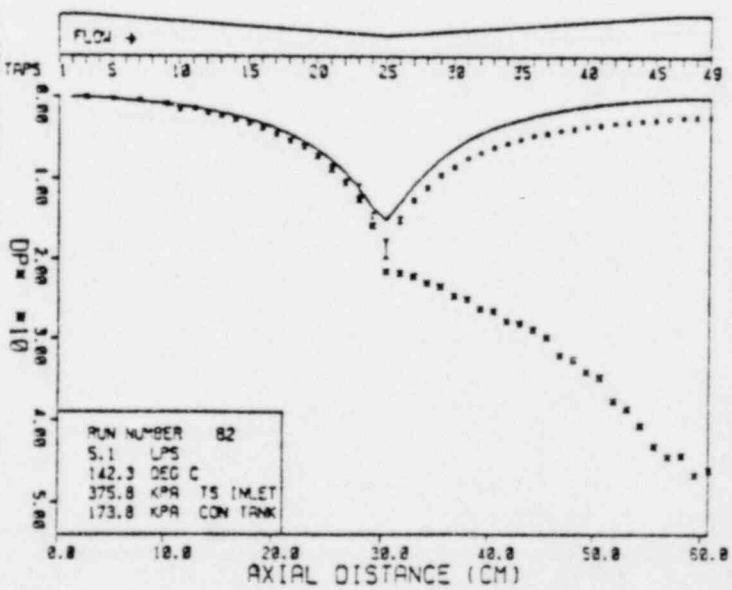


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 82

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	5.06	120.6	142.5	111.8	377.4	175.0	249.2	.593E+06	.00	.00
1-5	5.08	120.6	142.5	111.8	378.2	175.2	250.3	.596E+06	.80	.27
1-7	5.09	120.6	142.4	111.6	377.3	175.1	250.4	.596E+06	1.16	.40
1-9	5.09	120.5	142.5	111.9	377.6	174.9	250.6	.596E+06	2.32	.79
1-10	5.08	120.5	142.5	111.8	377.2	174.5	250.1	.595E+06	4.42	1.52
1-11	5.07	120.5	142.5	111.4	377.8	174.7	249.8	.594E+06	4.05	1.39
1-12	5.07	120.5	142.4	111.6	376.2	174.5	249.7	.594E+06	5.68	1.95
1-13	5.08	120.5	142.4	111.7	377.0	174.1	249.9	.594E+06	6.50	2.23
1-14	5.11	120.4	142.5	111.6	376.2	174.5	251.4	.598E+06	8.10	2.75
1-15	5.10	120.4	142.3	111.8	376.1	173.8	251.2	.597E+06	9.42	3.21
1-16	5.08	120.4	142.4	111.5	376.5	174.0	250.2	.595E+06	10.90	3.74
1-17	5.09	120.5	142.4	111.7	376.7	174.4	250.8	.596E+06	13.35	4.56
1-18	5.09	120.5	142.4	112.1	376.7	174.7	250.4	.596E+06	15.59	5.34
1-19	5.08	120.5	142.4	111.9	377.0	174.2	250.1	.595E+06	17.88	6.14
1-20	5.08	120.5	142.3	112.1	376.7	174.7	249.9	.594E+06	21.16	7.27
1-21	5.08	120.5	142.4	112.4	377.5	174.3	249.9	.594E+06	25.78	8.87
1-22	5.08	120.5	142.4	111.8	376.6	174.7	250.1	.595E+06	30.55	10.49
1-23	5.08	120.5	142.4	111.5	376.8	174.2	250.0	.595E+06	36.52	12.55
1-24	5.09	120.4	142.5	111.6	377.7	174.6	250.8	.597E+06	46.12	15.75
1-25	5.05	120.4	142.4	112.1	376.8	174.2	248.8	.592E+06	61.95	21.49
1-26	5.07	120.4	142.4	112.0	376.8	174.3	249.7	.594E+06	62.99	21.70
1-27	5.07	120.4	142.4	111.9	376.6	174.2	249.7	.594E+06	64.17	22.11
1-28	5.09	120.4	142.4	112.1	377.2	174.2	250.8	.596E+06	67.20	22.94
1-29	5.07	120.4	142.4	111.7	377.0	174.3	249.4	.593E+06	67.74	23.39
1-30	5.09	120.4	142.4	111.6	376.1	173.9	250.5	.596E+06	71.92	24.61
1-31	5.06	120.4	142.3	111.9	376.5	173.8	248.9	.592E+06	72.11	24.99
1-32	5.08	120.4	142.3	111.6	376.3	174.1	249.9	.594E+06	76.27	26.22
1-33	5.07	120.4	142.5	111.1	376.4	173.7	249.7	.594E+06	76.75	26.44
1-34	5.07	120.4	142.3	111.5	375.8	174.1	249.9	.594E+06	80.59	27.71
1-35	5.08	120.4	142.2	111.8	375.6	173.8	250.3	.594E+06	81.61	27.97
1-36	5.09	120.4	142.3	111.4	375.2	173.3	250.5	.595E+06	83.87	28.70
1-37	5.08	120.3	142.2	111.1	374.5	173.3	250.4	.595E+06	86.55	29.65
1-38	5.09	120.4	142.3	111.3	374.5	173.8	250.8	.596E+06	93.39	31.88
1-39	5.07	120.3	142.1	111.5	373.4	172.5	249.5	.592E+06	94.15	32.46
1-40	5.08	120.2	142.1	111.8	374.1	172.9	250.3	.594E+06	99.11	33.97
1-41	5.10	120.2	142.0	111.5	372.8	172.6	251.1	.596E+06	101.83	34.66
1-42	5.12	120.2	142.0	111.4	373.1	172.6	252.0	.598E+06	111.01	37.53
1-43	5.12	120.2	142.1	111.8	373.9	172.8	252.0	.598E+06	114.00	38.54
1-44	5.09	120.2	142.1	111.1	373.3	173.1	250.8	.595E+06	118.94	40.71
1-45	5.08	120.2	142.1	111.5	372.9	172.5	250.3	.594E+06	125.72	43.08
1-46	5.07	120.2	142.1	111.6	374.1	172.8	249.5	.592E+06	128.60	44.35
1-47	5.09	120.2	142.1	111.2	374.2	172.5	250.6	.595E+06	129.24	44.19
1-48	5.07	120.2	142.1	111.0	373.9	172.6	249.9	.593E+06	135.32	46.53
1-49	5.09	120.2	142.1	111.8	373.7	172.7	250.8	.595E+06	134.65	45.97
50-1	5.04	120.2	142.0	111.1	373.6	172.7	250.3	.593E+06	2.27	.78

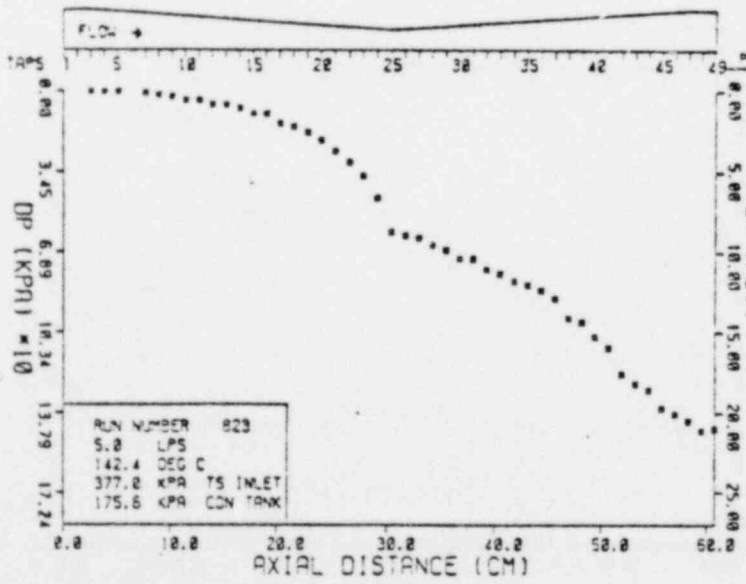


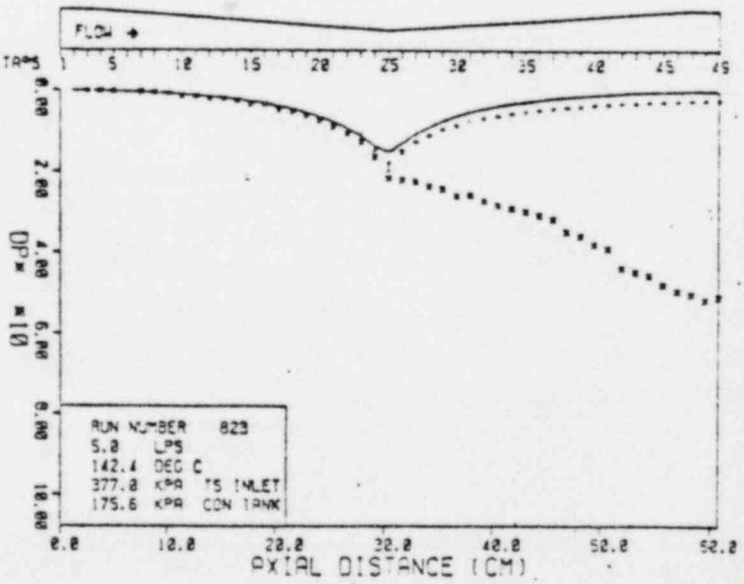


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 823

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	5.02	119.6	142.2	110.2	374.4	173.8	247.0	.587E+06	.22	.08
1-4	5.01	119.8	142.1	110.6	374.0	174.1	246.9	.586E+06	.40	.14
1-5	5.02	119.8	142.1	110.8	374.1	173.9	247.0	.586E+06	.35	.12
1-7	5.02	119.8	142.2	110.7	374.6	173.8	247.3	.587E+06	.84	.29
1-7	5.02	119.8	142.2	110.9	375.4	174.2	247.3	.587E+06	1.29	.45
1-8	5.00	119.8	142.3	110.8	376.2	174.6	246.2	.585E+06	1.77	.63
1-9	5.00	119.9	142.3	111.0	376.8	174.6	246.3	.585E+06	2.58	.91
1-10	5.02	119.9	142.4	110.7	376.4	174.9	247.0	.588E+06	4.17	1.47
1-11	5.00	119.9	142.4	110.8	376.5	175.0	246.3	.586E+06	4.15	1.47
1-12	4.99	119.9	142.4	110.5	376.8	175.1	245.9	.585E+06	5.80	2.06
1-13	5.03	119.9	142.4	110.6	376.7	174.9	247.9	.590E+06	6.10	2.13
1-14	4.98	119.8	142.4	110.9	376.1	174.5	245.4	.583E+06	7.35	2.62
1-15	4.99	119.8	142.3	110.9	375.6	174.3	245.9	.585E+06	9.52	3.38
1-16	5.01	119.8	142.3	110.5	375.5	174.0	246.5	.586E+06	9.59	3.39
1-17	5.02	119.8	142.3	110.8	375.0	174.2	247.3	.588E+06	13.86	4.86
1-18	5.02	119.8	142.3	110.5	374.9	173.9	247.3	.587E+06	15.19	5.33
1-19	5.00	119.7	142.2	110.8	374.4	173.7	246.3	.585E+06	17.26	6.14
1-20	5.01	119.7	142.2	110.7	374.0	173.0	246.9	.586E+06	20.88	7.35
1-21	5.04	119.6	142.1	111.2	373.2	173.0	248.4	.589E+06	25.47	8.87
1-22	5.04	119.6	142.0	110.8	371.8	173.2	248.3	.589E+06	30.13	10.49
1-23	5.04	119.7	142.1	110.8	372.9	173.6	248.0	.588E+06	36.22	12.64
1-24	5.00	119.7	142.1	111.0	372.7	174.0	246.1	.584E+06	45.75	16.22
1-25	5.01	119.8	142.1	111.1	374.1	174.8	246.6	.585E+06	60.57	21.28
1-26	5.02	119.9	142.2	111.2	375.0	174.9	247.1	.587E+06	62.10	21.85
1-27	5.00	119.9	142.2	111.1	375.3	175.3	246.1	.585E+06	63.03	22.35
1-28	5.01	120.0	142.3	111.1	374.8	175.6	246.7	.586E+06	66.21	23.37
1-29	5.02	120.0	142.3	111.0	375.9	175.7	247.1	.587E+06	68.31	24.00
1-30	4.98	120.0	142.4	111.0	376.3	176.6	245.3	.583E+06	71.84	25.65
1-31	5.00	120.1	142.5	111.0	377.2	176.4	246.2	.586E+06	71.88	25.47
1-32	5.01	120.2	142.5	110.7	377.5	177.3	246.6	.587E+06	76.56	27.04
1-33	4.98	120.2	142.6	111.2	378.6	177.3	245.3	.584E+06	78.32	27.96
1-34	5.01	120.2	142.6	111.1	378.4	177.2	246.5	.587E+06	81.50	28.83
1-35	4.99	120.2	142.7	111.2	379.6	177.1	245.9	.586E+06	83.23	29.57
1-36	4.98	120.2	142.7	111.3	380.0	177.4	245.4	.585E+06	85.55	30.52
1-37	5.01	120.3	142.8	111.5	379.5	177.3	246.5	.588E+06	89.11	31.52
1-38	5.00	120.4	142.8	111.4	381.0	177.4	246.1	.587E+06	97.49	34.59
1-39	4.97	120.4	142.8	111.2	380.2	178.1	244.8	.584E+06	99.14	35.55
1-40	4.97	120.3	142.8	111.1	381.0	177.5	245.0	.584E+06	105.28	37.69
1-41	5.02	120.2	142.8	110.9	380.7	177.6	247.1	.589E+06	109.99	38.70
1-42	4.96	120.3	142.8	111.4	380.8	177.7	244.2	.582E+06	121.11	43.62
1-43	4.99	120.3	142.8	111.0	380.6	177.8	245.7	.586E+06	125.55	44.69
1-44	5.00	120.3	142.8	111.3	380.0	177.2	246.1	.587E+06	128.13	45.45
1-45	5.02	120.3	142.8	111.0	380.7	177.4	247.1	.589E+06	135.79	47.77
1-46	4.98	120.4	142.8	111.2	380.4	177.2	245.4	.585E+06	138.46	49.40
1-47	5.00	120.3	142.7	111.1	379.9	177.6	246.1	.586E+06	141.37	50.17
1-48	5.00	120.2	142.7	110.8	380.5	177.4	246.4	.587E+06	145.48	51.47
1-49	5.02	120.2	142.7	110.9	379.7	177.3	247.2	.589E+06	144.58	50.85
50-1	5.00	120.2	142.6	110.8	378.6	176.7	246.3	.587E+06	3.37	1.20

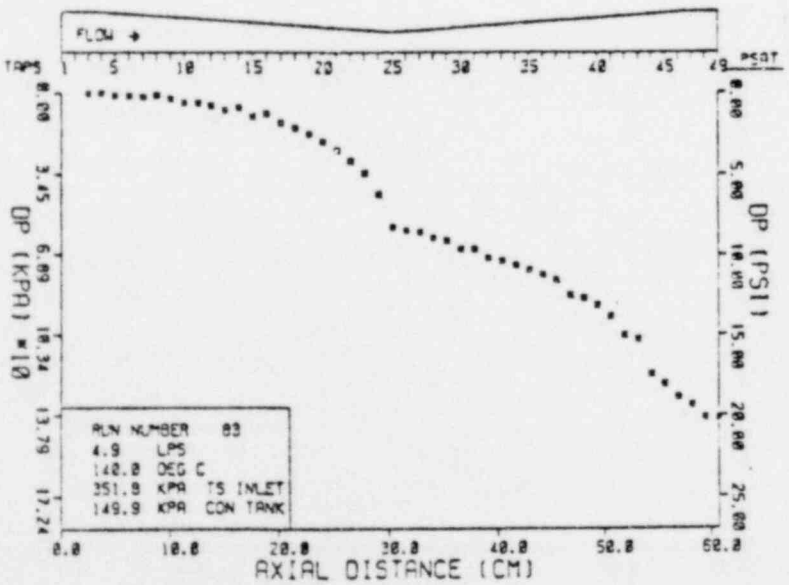


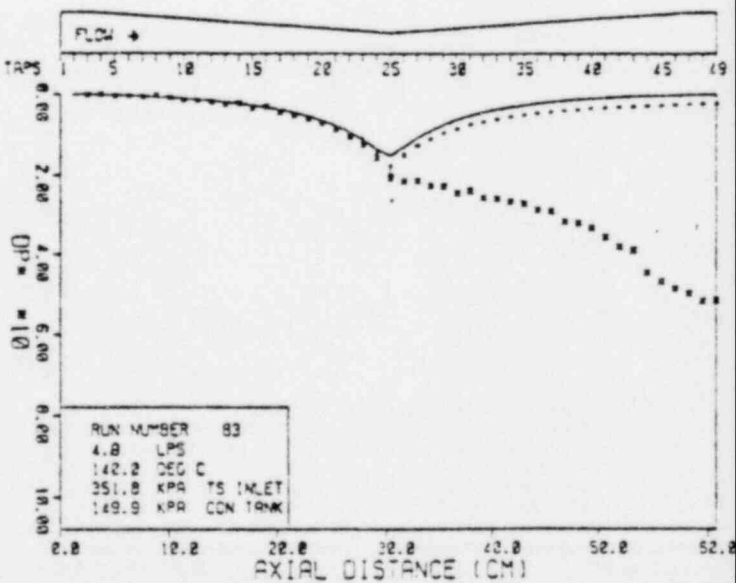


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 83

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	4.85	118.4	141.4	109.8	365.6	157.8	238.9	.564E+06	.18	.87
1-4	4.87	118.5	141.3	109.3	365.5	157.1	239.6	.565E+06	.00	.00
1-5	4.90	118.4	141.3	109.4	365.4	156.7	241.5	.570E+06	1.60	.37
1-6	4.84	118.3	141.2	108.9	363.1	156.4	238.2	.562E+06	1.13	.43
1-7	4.89	**********	140.9	108.9	361.6	155.5	240.6	.567E+06	1.61	.60
1-8	4.89	**********	140.7	108.8	358.9	154.2	240.9	.566E+06	.78	.29
1-9	4.89	117.7	140.5	108.2	357.8	153.9	240.8	.566E+06	2.47	.91
1-10	4.91	**********	140.2	108.7	353.8	152.3	241.9	.567E+06	3.91	1.43
1-11	4.93	117.4	140.1	108.4	353.4	151.5	242.9	.569E+06	4.20	1.53
1-12	4.93	**********	139.9	108.5	351.1	150.6	242.7	.567E+06	5.34	1.94
1-13	4.91	117.1	139.8	108.5	350.3	150.1	241.7	.565E+06	6.85	2.51
1-14	4.93	117.1	139.8	108.3	349.0	149.4	242.9	.568E+06	6.01	2.18
1-15	4.93	117.0	139.7	108.2	348.3	149.7	242.9	.567E+06	9.64	3.50
1-16	4.93	116.9	139.6	107.9	347.2	149.0	242.9	.567E+06	8.48	3.05
1-17	4.94	**********	139.3	107.4	345.1	147.5	243.2	.566E+06	12.38	4.48
1-18	4.93	116.7	139.2	107.5	344.9	147.1	242.9	.566E+06	14.47	5.25
1-19	4.94	116.6	139.3	107.9	344.7	147.3	243.3	.566E+06	16.99	6.15
1-20	4.94	116.6	139.1	107.6	342.9	147.1	243.4	.566E+06	20.13	7.27
1-21	4.95	**********	139.3	107.6	344.4	145.7	243.9	.568E+06	24.01	8.64
1-22	4.93	116.5	139.3	107.5	344.9	146.5	242.8	.566E+06	28.57	10.28
1-23	4.91	116.5	139.4	107.6	345.8	147.2	241.7	.563E+06	33.83	12.41
1-24	4.94	116.5	139.3	107.5	345.1	146.7	243.2	.566E+06	42.96	15.56
1-25	4.94	116.6	139.2	107.8	345.1	146.9	243.2	.566E+06	57.17	20.69
1-26	4.91	**********	139.4	107.3	345.8	147.3	241.8	.564E+06	58.60	21.47
1-27	4.95	116.6	139.4	107.2	346.3	147.3	243.9	.568E+06	59.48	21.43
1-28	4.92	116.6	139.4	107.5	346.3	147.2	242.1	.564E+06	61.72	22.55
1-29	4.93	116.7	139.4	107.5	345.8	146.8	242.9	.566E+06	62.85	22.82
1-30	4.90	116.6	139.4	107.8	346.7	147.6	241.1	.562E+06	66.53	24.52
1-31	4.96	116.7	139.4	107.3	345.8	147.2	244.5	.570E+06	66.55	23.85
1-32	4.92	**********	139.4	107.2	346.5	147.3	242.2	.564E+06	70.41	25.71
1-33	4.94	116.6	139.5	107.2	347.0	147.2	243.4	.567E+06	71.49	25.85
1-34	4.93	116.7	139.4	107.5	346.2	146.8	242.7	.566E+06	73.38	26.68
1-35	4.96	116.7	139.4	107.5	346.6	147.9	244.0	.569E+06	75.49	27.15
1-36	4.89	116.6	139.5	107.7	347.6	147.5	240.6	.561E+06	77.50	28.67
1-37	4.94	116.7	139.5	107.5	347.0	147.9	243.0	.567E+06	79.89	28.97
1-38	4.91	**********	139.5	107.4	347.3	147.8	241.8	.564E+06	86.34	31.63
1-39	4.91	116.7	139.7	107.3	348.5	147.7	241.8	.565E+06	87.73	32.14
1-40	4.90	116.7	139.8	107.1	350.6	148.5	241.5	.564E+06	90.75	33.24
1-41	4.88	116.8	139.9	107.3	351.7	148.4	240.2	.562E+06	95.45	35.46
1-42	4.92	116.9	140.0	107.4	351.9	148.8	242.4	.567E+06	103.85	37.89
1-43	4.90	117.0	140.1	107.3	352.7	149.6	241.4	.565E+06	105.56	38.82
1-44	4.90	**********	140.6	108.2	358.7	151.7	241.1	.567E+06	120.62	44.50
1-45	4.86	117.4	140.6	108.0	358.7	151.6	239.2	.562E+06	124.71	46.73
1-46	4.87	117.4	140.7	108.5	358.5	152.0	239.9	.564E+06	130.27	48.52
1-4	4.87	117.5	140.8	108.3	360.0	152.4	239.7	.564E+06	129.76	48.07
1-47	4.88	117.6	140.9	108.3	361.4	152.8	240.1	.565E+06	133.66	49.72
1-48	4.88	117.6	140.9	108.3	361.4	152.7	240.3	.566E+06	138.75	51.52
1-49	4.89	117.6	140.9	108.6	361.9	153.3	240.9	.567E+06	138.94	51.37
50-1	4.88	117.7	141.0	108.1	362.2	153.5	240.3	.566E+06	3.56	1.32

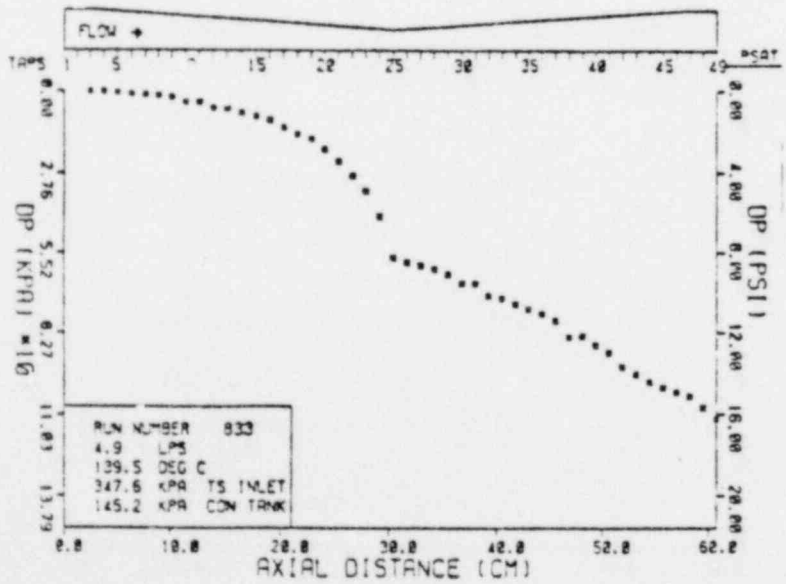


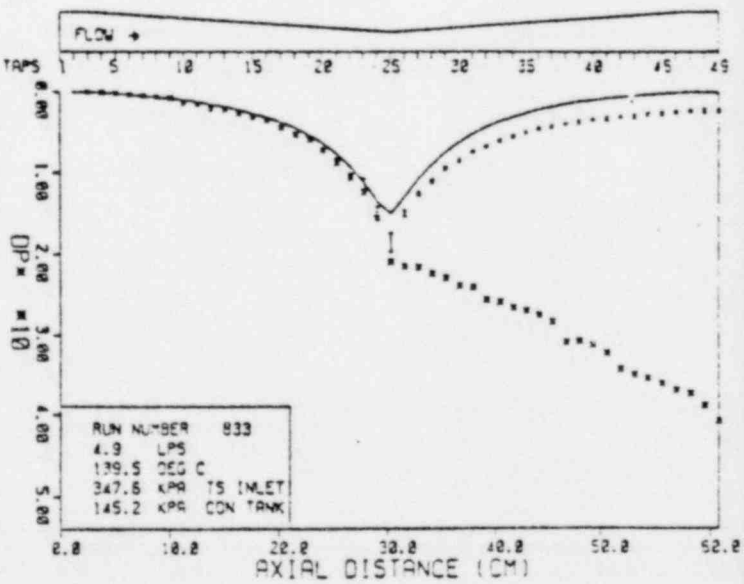


BNL FLASHING FLOWS EXPERIMENT
PRESSURE DROP DATA FROM
TEST SECTION # 2

RUN NUMBER 833

TAPS	LOOP FLOW LTR/SEC	TEMPERATURES (DEG C) FLOW METER	TS INLET	COND TANK	PRESSURE (KPA) TS INLET	COND TANK	VELOCITY CM SEC	REYNOLDS NUMBER	DIFFERENTIAL PRESSURE MEASURED	DIMENSIONLESS
1-3	4.89	117.8	140.3	107.5	355.8	149.2	240.7	.564E+06	.00	.00
1-4	4.90	**********	140.3	107.9	355.7	148.9	241.3	.566E+06	.16	.06
1-5	4.89	117.1	140.4	107.7	355.9	149.6	240.9	.565E+06	.53	.20
1-6	4.88	117.0	140.4	108.4	355.9	149.3	240.5	.564E+06	.94	.35
1-7	4.87	**********	140.5	107.8	357.3	150.0	240.0	.563E+06	1.19	.44
1-8	4.86	117.1	140.5	107.7	358.0	149.7	239.1	.561E+06	1.61	.60
1-9	4.86	117.1	140.5	107.9	357.6	149.4	239.2	.562E+06	2.17	.81
1-10	4.90	117.1	140.6	107.6	357.3	149.4	241.2	.567E+06	3.87	1.42
1-11	4.89	117.1	140.3	107.8	355.5	149.5	240.6	.564E+06	4.02	1.49
1-12	4.88	**********	140.2	107.7	355.0	148.5	240.4	.563E+06	5.70	2.10
1-13	4.88	116.9	140.3	107.4	354.1	148.4	240.2	.563E+06	5.87	2.18
1-14	4.89	117.8	140.2	107.8	353.9	148.3	241.0	.565E+06	7.29	2.69
1-15	4.90	116.9	140.1	107.2	353.5	147.8	241.1	.564E+06	8.51	3.14
1-16	4.89	116.9	140.1	107.3	353.1	148.0	240.9	.564E+06	9.77	3.61
1-17	4.91	**********	139.9	107.0	351.8	147.2	241.8	.565E+06	12.29	4.50
1-18	4.91	116.8	139.8	107.6	350.7	147.0	241.6	.565E+06	14.62	5.37
1-19	4.90	116.7	139.9	107.3	350.8	146.4	241.4	.564E+06	16.09	5.92
1-20	4.90	116.7	139.9	107.4	350.6	146.1	241.1	.564E+06	19.73	7.27
1-21	4.89	116.7	139.7	106.9	350.6	146.2	240.9	.563E+06	23.76	8.77
1-22	4.88	116.6	139.7	107.2	350.4	146.1	240.2	.561E+06	28.53	10.60
1-23	4.91	**********	139.6	107.2	349.2	145.6	241.7	.564E+06	33.76	12.39
1-24	4.91	116.5	139.6	107.4	348.8	145.4	241.7	.564E+06	42.47	15.58
1-25	4.90	116.6	139.7	107.5	347.7	145.4	241.5	.564E+06	56.97	20.93
1-26	4.90	116.5	139.6	107.3	348.5	145.0	241.4	.563E+06	58.49	21.50
1-27	4.94	116.6	139.7	107.0	348.7	145.5	243.0	.568E+06	59.61	21.58
1-28	4.90	116.4	139.5	107.0	348.5	145.1	241.4	.563E+06	60.83	22.35
1-29	4.91	116.4	139.4	107.3	347.2	144.8	241.7	.563E+06	62.54	22.92
1-30	4.93	116.3	139.4	107.0	346.7	144.5	242.8	.566E+06	65.70	23.66
1-31	4.91	116.4	139.4	106.7	346.0	144.3	241.8	.563E+06	65.73	24.07
1-32	4.91	116.3	139.3	106.8	344.9	143.8	241.7	.563E+06	69.85	25.60
1-33	4.92	116.2	139.2	106.9	344.8	143.5	242.5	.564E+06	70.93	25.84
1-34	4.92	116.2	139.1	106.7	344.0	143.6	242.3	.564E+06	72.84	26.56
1-35	4.95	116.2	139.1	106.5	344.2	143.6	243.6	.567E+06	74.57	26.90
1-36	4.95	116.1	139.1	106.8	342.8	142.7	243.6	.566E+06	76.07	27.45
1-37	4.95	**********	138.9	106.9	342.2	142.3	243.8	.567E+06	78.43	28.24
1-38	4.91	116.0	139.0	107.2	342.0	143.0	241.7	.562E+06	84.05	30.79
1-39	4.91	115.9	138.8	106.4	340.4	142.4	241.9	.562E+06	83.90	30.70
1-40	4.96	115.9	138.8	107.1	340.5	142.6	244.1	.567E+06	86.81	31.19
1-41	4.95	115.9	138.7	106.4	341.0	142.3	243.5	.565E+06	89.41	32.27
1-42	4.93	115.9	138.7	106.6	338.9	141.9	242.6	.563E+06	94.33	34.30
1-43	4.93	115.8	138.7	106.3	340.1	141.9	242.9	.563E+06	96.63	35.07
1-44	4.97	115.8	138.6	106.2	339.2	141.5	244.7	.567E+06	99.31	35.90
1-45	4.97	115.7	138.5	106.0	338.5	140.8	244.6	.567E+06	101.20	36.19
1-46	4.95	115.6	138.4	106.3	339.0	140.9	243.9	.565E+06	102.80	36.98
1-47	4.96	115.6	138.4	106.4	337.1	140.6	244.1	.565E+06	104.04	37.28
1-48	4.95	115.5	138.4	105.9	33..1	140.5	243.8	.564E+06	108.00	38.90
1-49	4.92	115.6	138.4	106.0	337.2	140.8	242.2	.561E+06	111.68	40.73
50-1	4.92	115.5	138.4	106.2	336.7	140.3	242.3	.561E+06	2.65	.97





VOID FRACTION DISTRIBUTION DATA

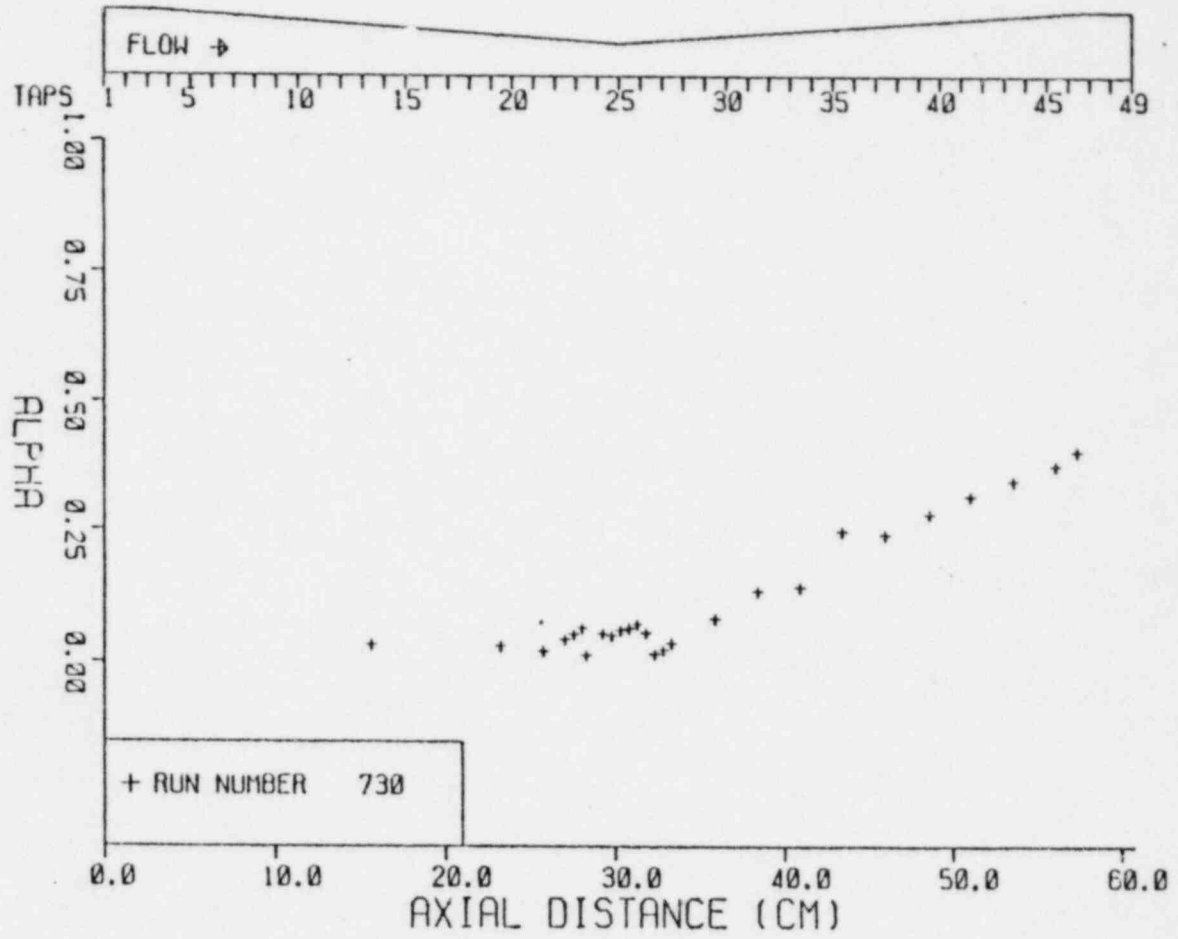
FLASHING EXPERIMENTS

RUN	p_{in}(kPa)	T_{in}(^{o}C)	G(Mg/m^{2}s)	p_{ct}(kPa)	T_{ct}(^{o}C)
730	285	99.4	4.91	54	88.0
740	285	99.4	4.91	54	88.0
762	394	99.3	6.05	61	88.3
770	157	99.3	3.05	67	88.5
771	157	99.3	3.05	67	88.5
780	138	99.3	2.61	71	88.1
781	138	99.3	2.61	71	88.1
792	125	99.4	2.26	76	88.1
793	125	99.4	2.26	76	88.1
801	582	148.3	4.34	434	143.5
802	582	148.3	4.34	434	143.5
812	493	148.3	2.91	431	144.4
813	493	148.3	2.91	431	144.4
821	376	142.3	2.34	175	111.3
822	376	142.3	2.34	175	111.3
831	350	140.0	2.30	147	107.5
832	350	140.0	2.30	147	107.5

BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 730

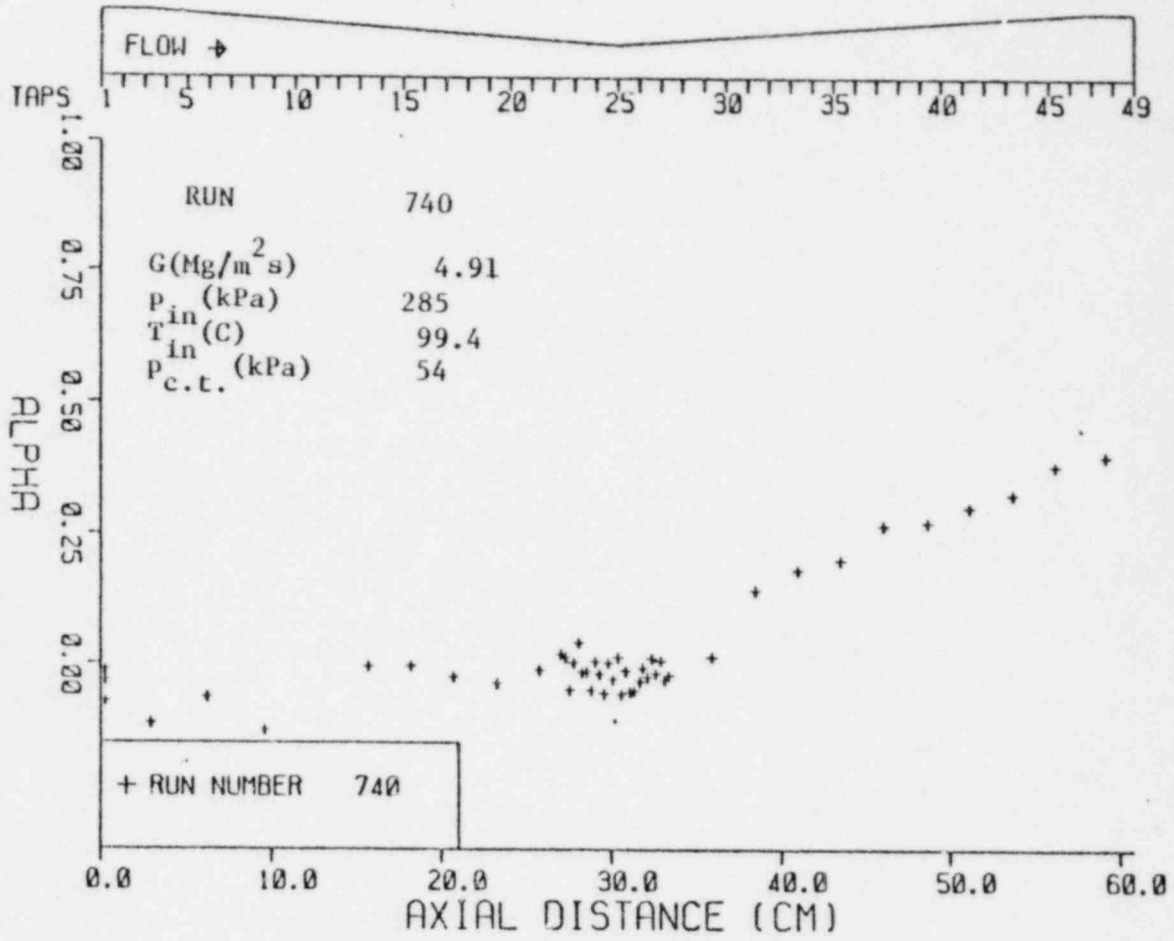
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1265.	.40	.04
4.50	1237.	.38	.03
7.11	1242.	.35	.04
9.65	1207.	.32	.03
12.10	1206.	.28	.04
14.73	1289.	.24	.05
17.28	1243.	.25	.04
19.82	1232.	.14	.08
22.36	1236.	.13	.06
24.88	1220.	.08	.06
27.45	1257.	.04	.04
27.94	1321.	.02	.06
28.44	1385.	.02	.05
28.92	1378.	.06	.09
29.48	1363.	.07	.09
29.96	1298.	.07	.08
30.48	1222.	.06	.07
31.00	1295.	.05	.06
31.51	1335.	.05	.07
32.52	1310.	.01	.08
32.77	1323.	.07	.06
33.27	1321.	.05	.06
33.78	1304.	.04	.05
35.05	1227.	.02	.05
37.53	1234.	.03	.06
45.22	1111.	.03	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 740

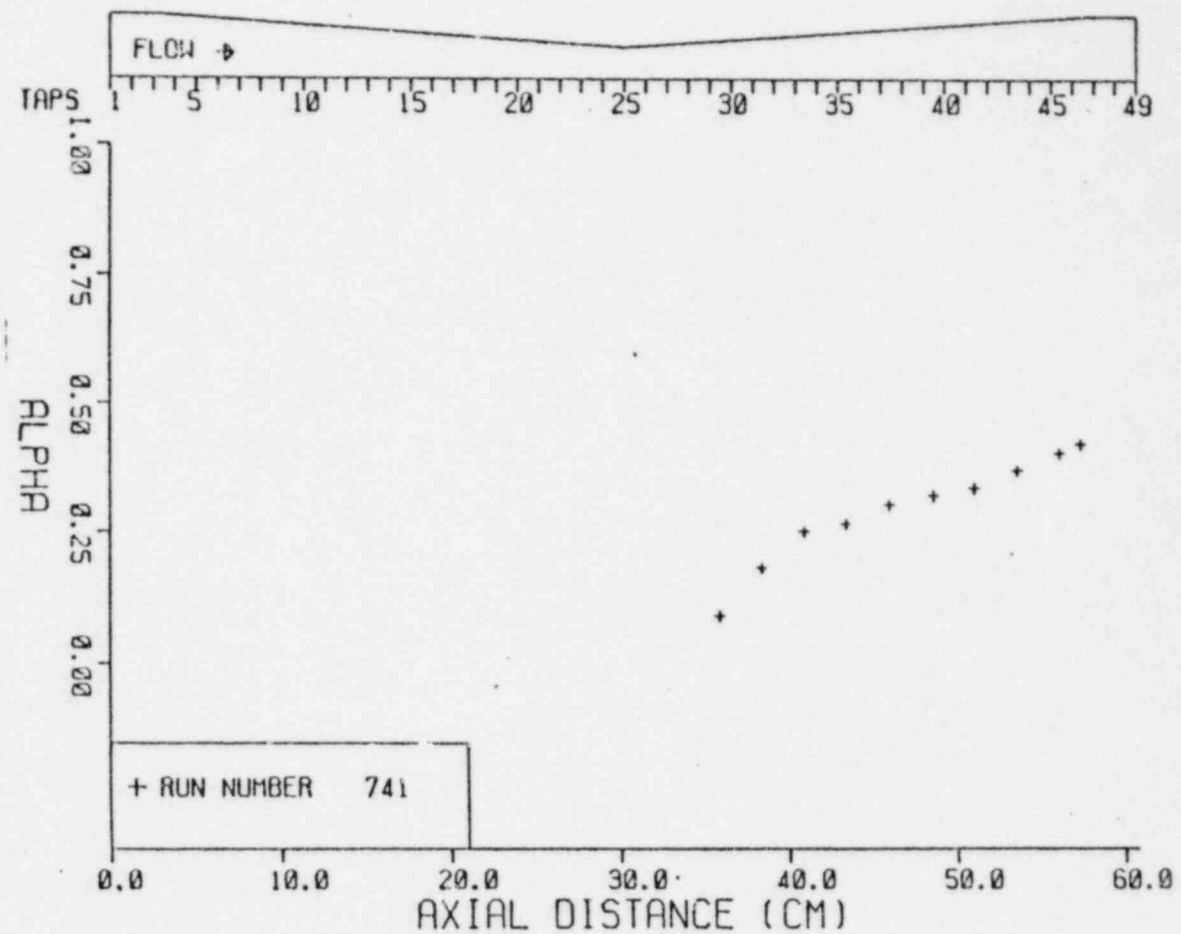
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1249.	.40	.03
4.58	1230.	.38	.04
7.11	1213.	.33	.04
9.65	1163.	.30	.04
12.10	1187.	.27	.02
14.73	1214.	.27	.05
17.28	1198.	.20	.04
19.82	1244.	.18	.05
22.36	1230.	.14	.06
24.88	1166.	.01	.06
27.45	1211.	-.02	.06
27.70	1260.	-.03	.07
27.94	1297.	.01	.06
28.19	1331.	-.02	.08
28.44	1367.	.01	.04
28.71	1340.	-.03	.09
28.92	1327.	-.01	.06
29.20	1293.	-.03	.06
29.48	1260.	-.05	.06
29.73	1269.	-.05	.07
29.98	1240.	-.01	.06
30.24	1198.		.05
30.48	1186.	-.1	.06
30.74	1204.	-.03	.06
31.00	1257.	.00	.08
31.25	1247.	-.05	.04
31.51	1282.	-.02	.08
31.76	1304.	.00	.05
32.01	1288.	-.05	.06
32.26	1295.	-.01	.06
32.52	1281.	-.01	.05
32.77	1297.	.04	.10
33.02	1254.	.00	.08
33.27	1253.	-.05	.05
33.53	1281.	.01	.07
33.78	1277.	.02	.07
35.05	1197.	-.01	.07
37.59	1183.	-.04	.04
40.15	1140.	-.02	.07
42.67	1097.	-.00	.06
45.22	1076.	-.00	.04
47.75	989.	-.13	.06
50.29	940.	-.06	.04
52.83	911.	-.11	.05
55.39	896.	-.07	.05
57.91	909.	-.03	.05
60.45	902.	-.01	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 741

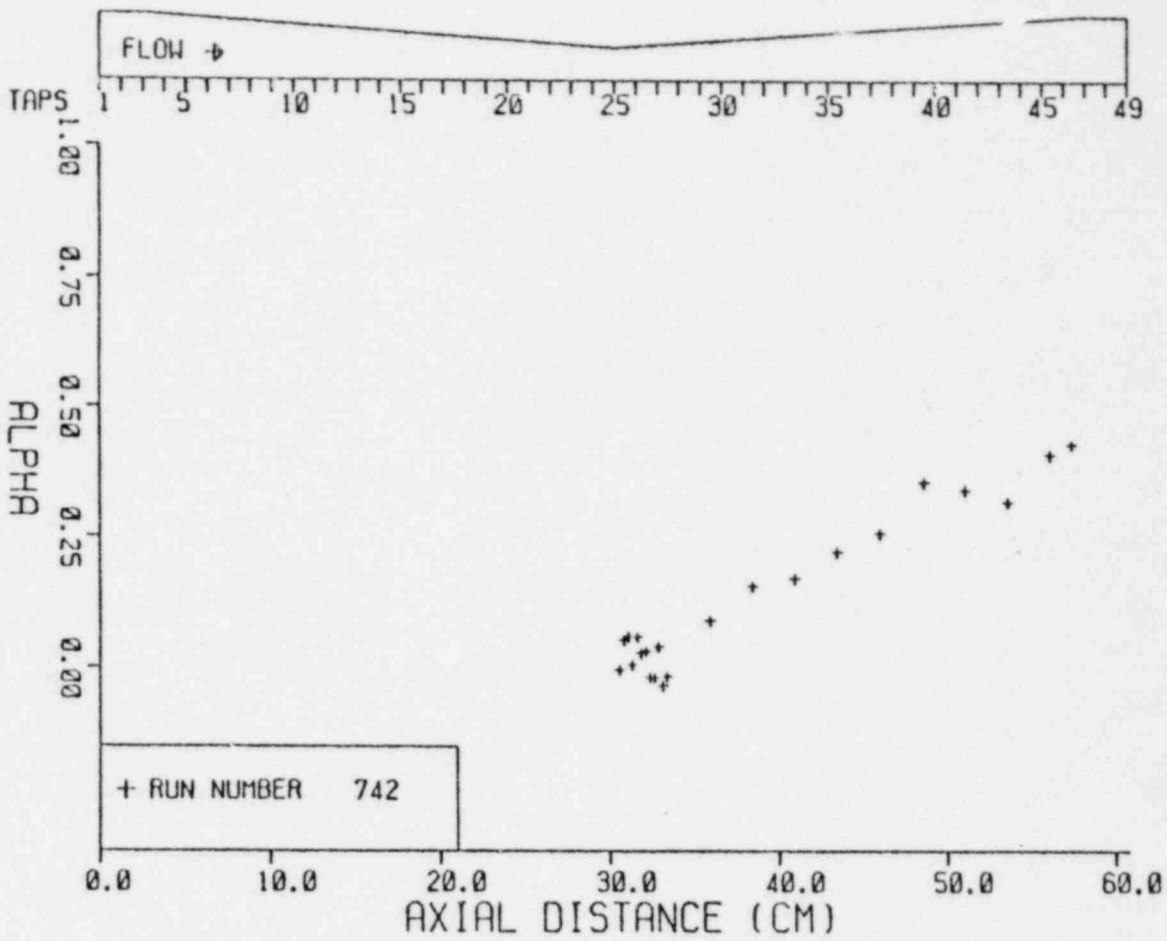
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1272.	.42	.05
4.58	1253.	.41	.04
7.11	1250.	.37	.04
9.65	1211.	.34	.04
12.10	1226.	.32	.06
14.73	1242.	.31	.05
17.28	1245.	.27	.05
19.82	1292.	.25	.06
22.36	1255.	.18	.05
24.88	1213.	.09	.07



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 742

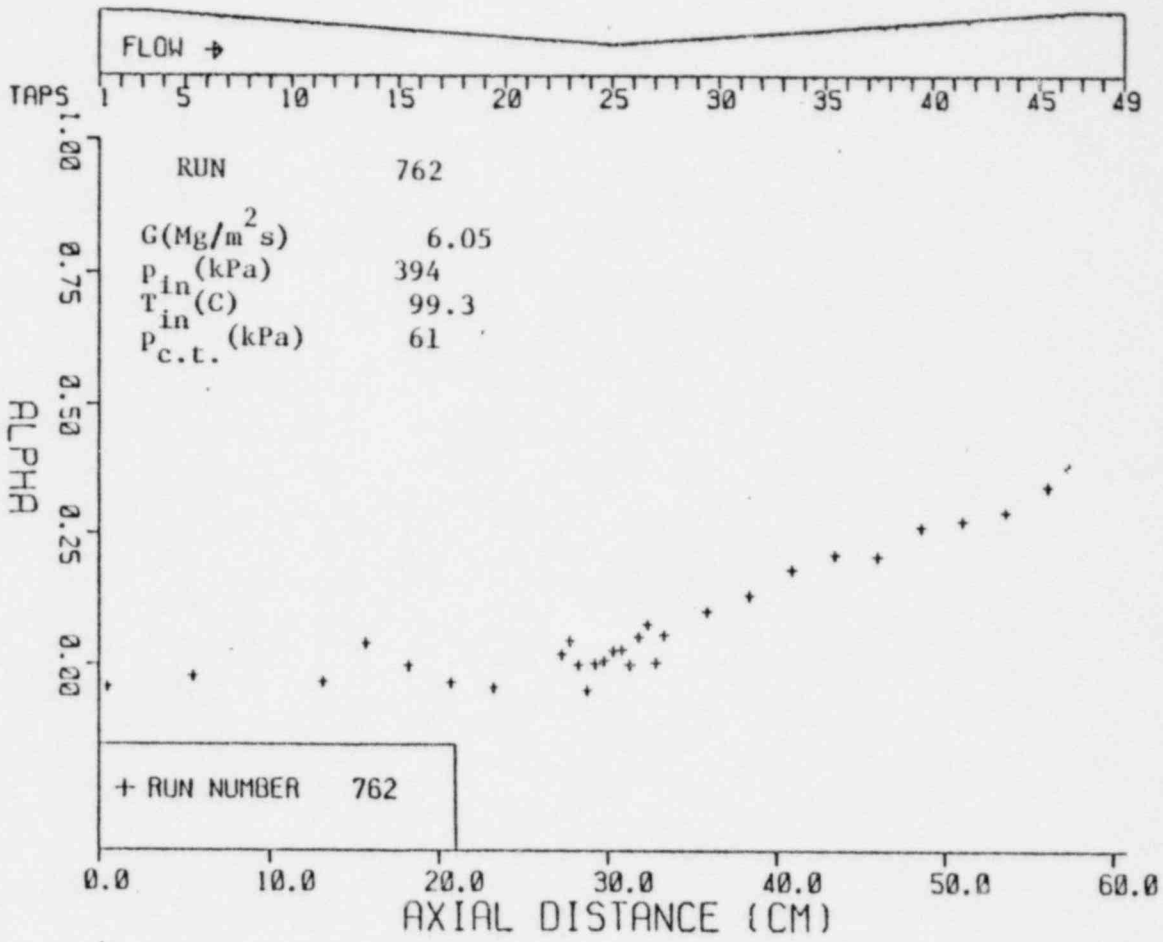
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1286.	.43	.03
4.58	1265.	.41	.05
7.11	1213.	.32	.04
9.65	1222.	.34	.04
12.10	1259.	.36	.05
14.73	1213.	.26	.05
17.28	1219.	.22	.08
19.82	1245.	.17	.07
22.36	1245.	.16	.05
24.88	1218.	.09	.08
27.45	1221.	-.02	.07
27.70	1264.	-.03	.07
27.94	1324.	.04	.06
28.19	1339.	-.02	.08
28.44	1358.	-.02	.05
28.71	1381.	.03	.07
28.92	1355.	.03	.04
29.20	1353.	.06	.04
29.48	1318.	.01	.06
29.73	1337.	.06	.06
29.98	1285.	.05	.07
30.24	1230.	-.00	.07



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 762

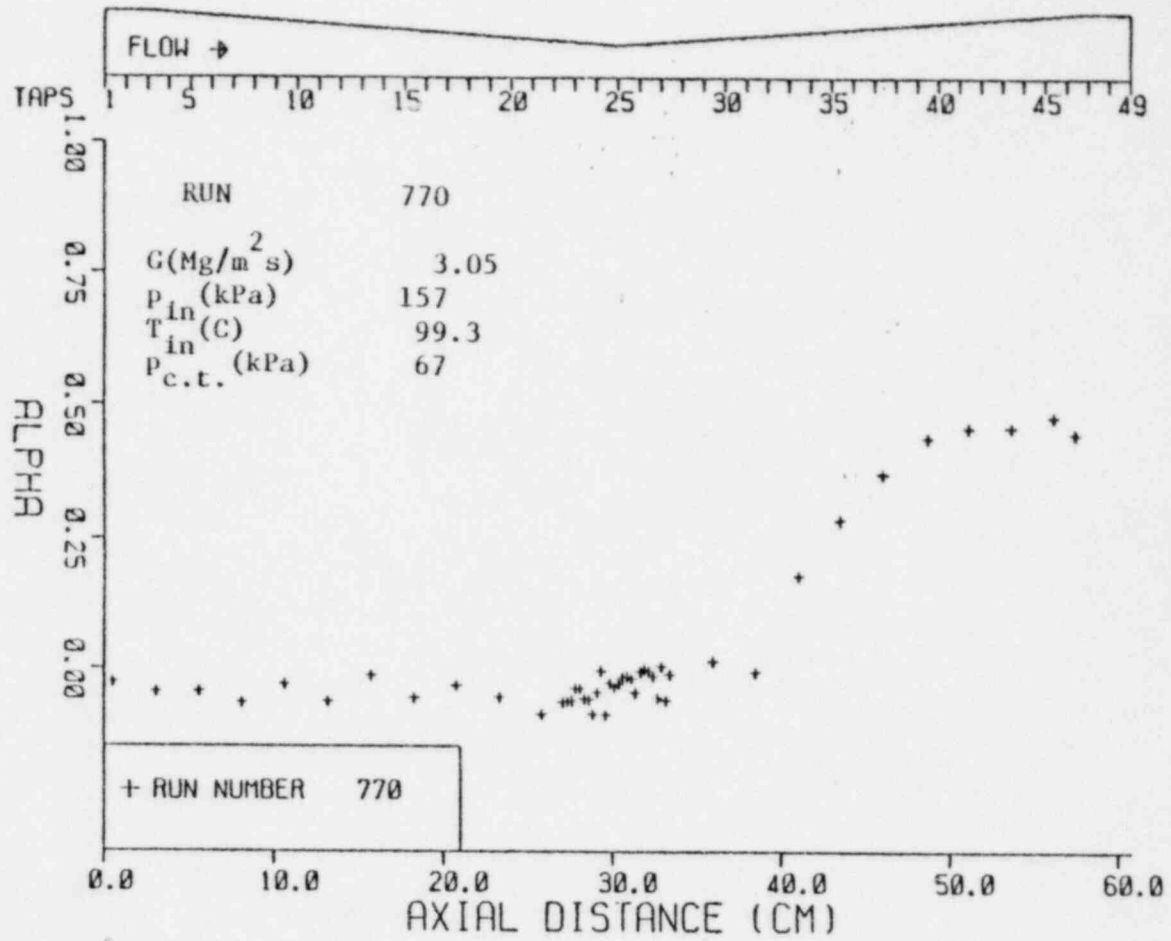
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1222.	.38	.02
4.58	1188.	.34	.03
7.11	1178.	.29	.04
9.65	1155.	.28	.05
12.10	1173.	.26	.05
14.73	1164.	.20	.05
17.28	1196.	.21	.05
19.82	1236.	.18	.05
22.36	1216.	.13	.05
24.88	1210.	.10	.06
27.45	1249.	.06	.04
27.94	1289.	.01	.06
28.44	1397.	.08	.06
28.92	1354.	.05	.05
29.48	1301.	.00	.07
29.98	1257.	.03	.09
30.48	1186.	.03	.09
31.00	1253.	.01	.05
31.51	1285.	.00	.06
32.01	1281.	-.05	.05
32.52	1282.	-.00	.08
33.02	1270.	.05	.06
33.53	1279.	.02	.03
37.59	1174.	-.04	.03
40.15	1130.	-.03	.09
42.67	1093.	-.00	.05
45.22	1098.	.04	.04
47.75	1041.	-.03	.05
55.39	923.	-.02	.05
60.45	877.	-.04	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 770

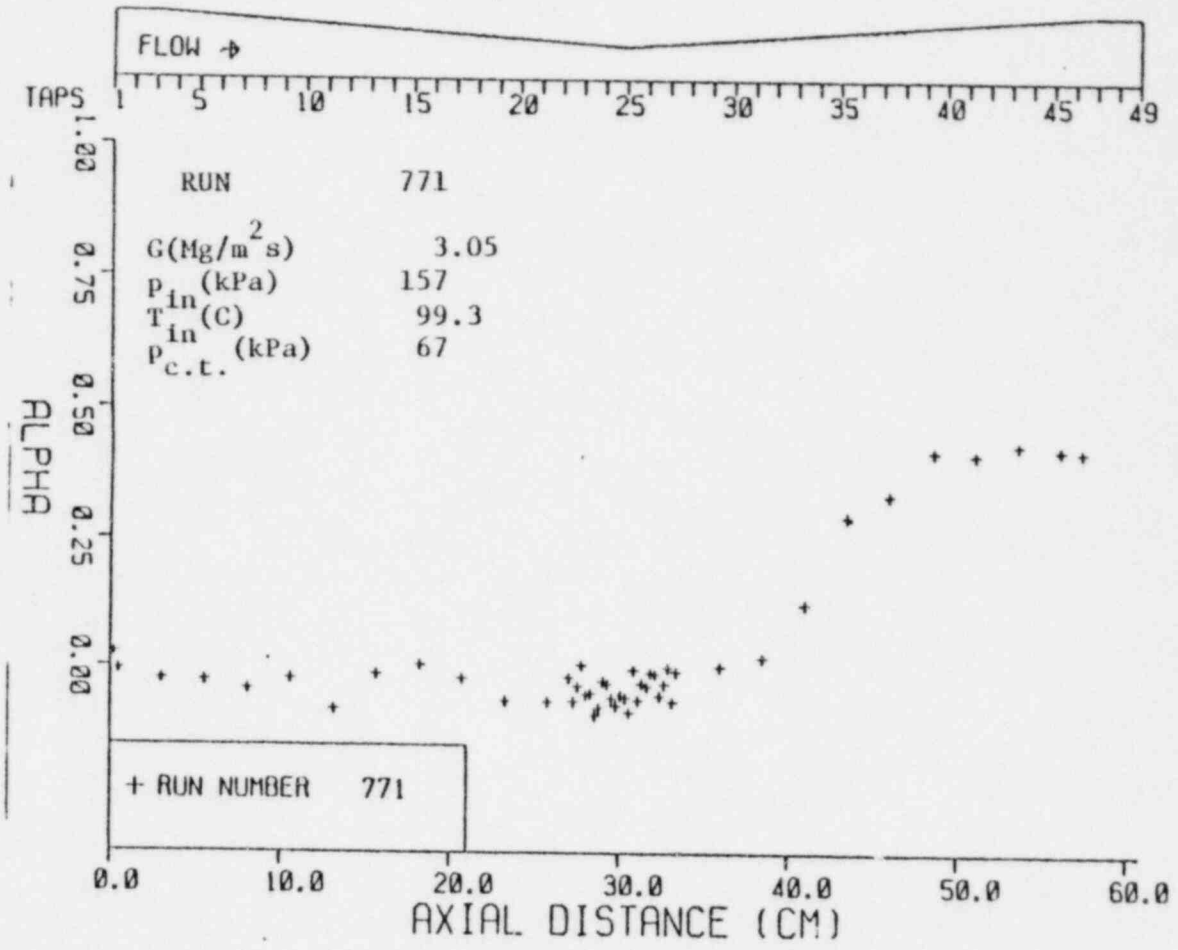
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1287.	.45	.04
4.58	1315.	.48	.02
7.11	1319.	.46	.04
9.65	1306.	.46	.03
12.18	1312.	.44	.05
14.73	1284.	.37	.03
17.28	1251.	.29	.05
19.82	1237.	.18	.06
22.36	1136.	-.01	.09
24.88	1160.	.01	.07
27.45	1211.	-.01	.06
27.70	1237.	-.06	.08
27.94	1289.	.01	.04
28.19	1303.	-.06	.08
28.44	1345.	-.01	.05
28.71	1344.	-.00	.02
28.92	1324.	.00	.05
29.20	1301.	-.01	.06
29.48	1276.	-.05	.06
29.73	1280.	-.02	.05
29.98	1232.	-.02	.05
30.24	1211.	-.02	.09
30.48	1161.	-.03	.10
30.74	1194.	-.04	.09
31.00	1236.	-.03	.11
31.25	1224.	-.09	.08
31.51	1282.	-.00	.08
31.76	1272.	-.05	.06
32.01	1260.	-.09	.08
32.26	1264.	-.06	.06
32.52	1252.	-.06	.08
32.77	1249.	-.04	.07
33.02	1225.	-.04	.03
33.27	1239.	-.06	.07
33.53	1235.	-.06	
33.78	1226.	-.06	.06
35.05	1151.	-.09	.07
37.59	1168.	-.05	.06
40.15	1129.	-.03	.04
42.67	1061.	-.06	.04
45.22	1065.	-.01	.03
47.75	1022.	-.06	.08
50.29	955.	-.03	.05
52.83	935.	-.07	.06
55.39	908.	-.04	.04
57.91	896.	-.05	.05
60.45	887.	-.03	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 771

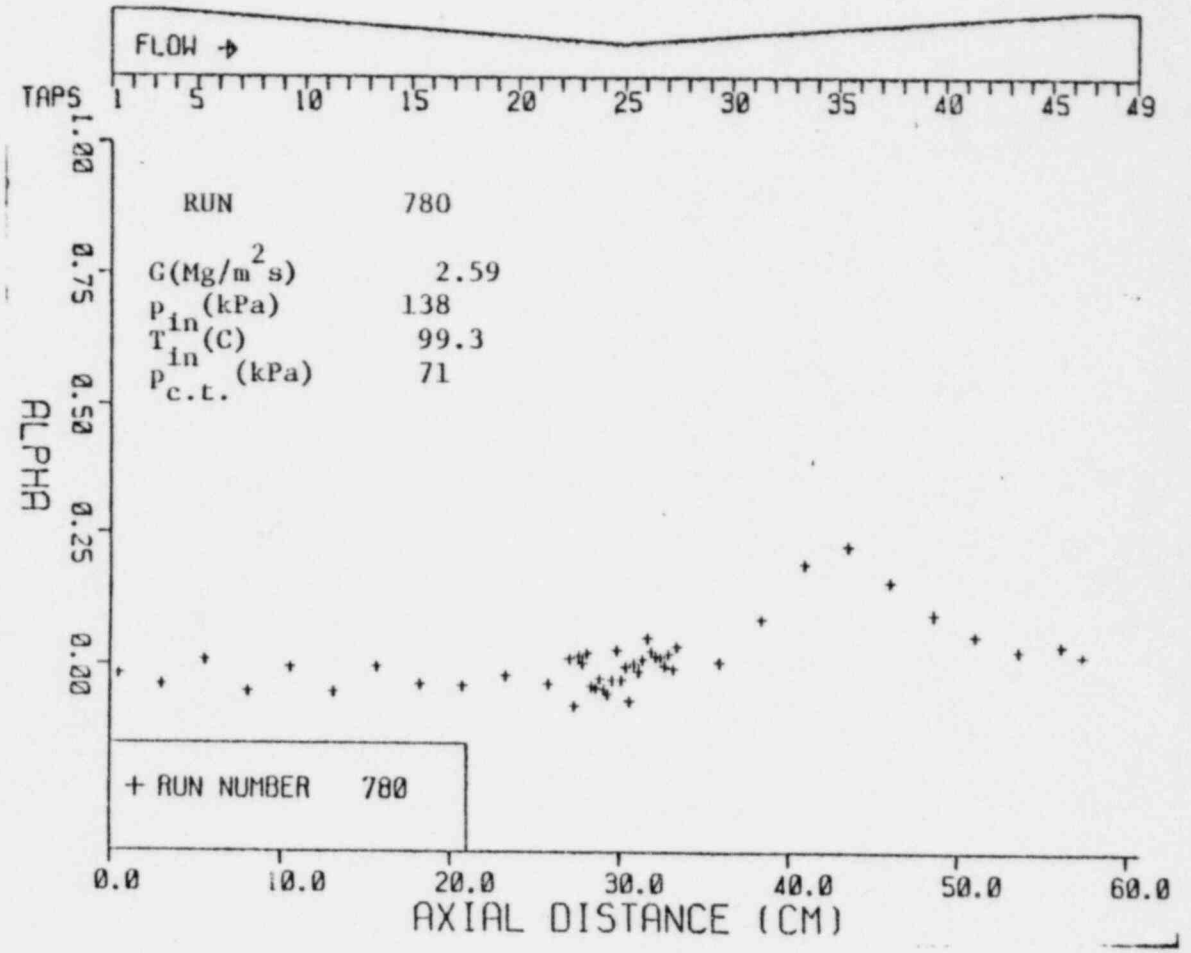
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1254.	.42	.04
4.58	1256.	.42	.05
7.11	1288.	.43	.06
9.65	1261.	.41	.04
12.10	1288.	.42	.06
14.73	1249.	.33	.05
17.28	1250.	.29	.05
19.82	1194.	.12	.05
22.36	1145.	.02	.06
24.88	1147.	.00	.06
27.45	1206.	-.01	.06
27.70	1228.	-.07	.07
27.94	1260.	.08	.04
28.19	1310.	-.03	.10
28.44	1317.	-.05	.08
28.71	1333.	-.01	.07
28.92	1313.	-.01	.05
29.20	1278.	-.03	.06
29.48	1277.	-.03	.06
29.73	1250.	-.06	.06
29.98	1232.	-.00	.06
30.24	1172.	-.09	.06
30.48	1142.	-.06	.06
30.74	1180.	-.05	.05
31.00	1207.	-.07	.09
31.25	1233.	-.06	.08
31.51	1262.	-.03	.08
31.76	1275.	-.03	.09
32.01	1259.	-.08	.05
32.26	1241.	-.09	.07
32.52	1249.	-.05	.09
32.77	1236.	-.05	.10
33.02	1242.	.01	.08
33.27	1246.	-.04	.06
33.53	1227.	-.07	.07
33.78	1243.	-.02	.04
35.05	1156.	-.07	.07
37.59	1156.	-.07	.06
40.15	1129.	-.02	.02
42.67	1091.	.01	.06
45.22	1060.	-.01	.08
47.75	1005.	-.08	.06
50.29	954.	-.02	.05
52.83	914.	-.04	.06
55.39	914.	-.03	.05
57.91	906.	-.02	.06
60.45	897.	-.00	.06



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 780

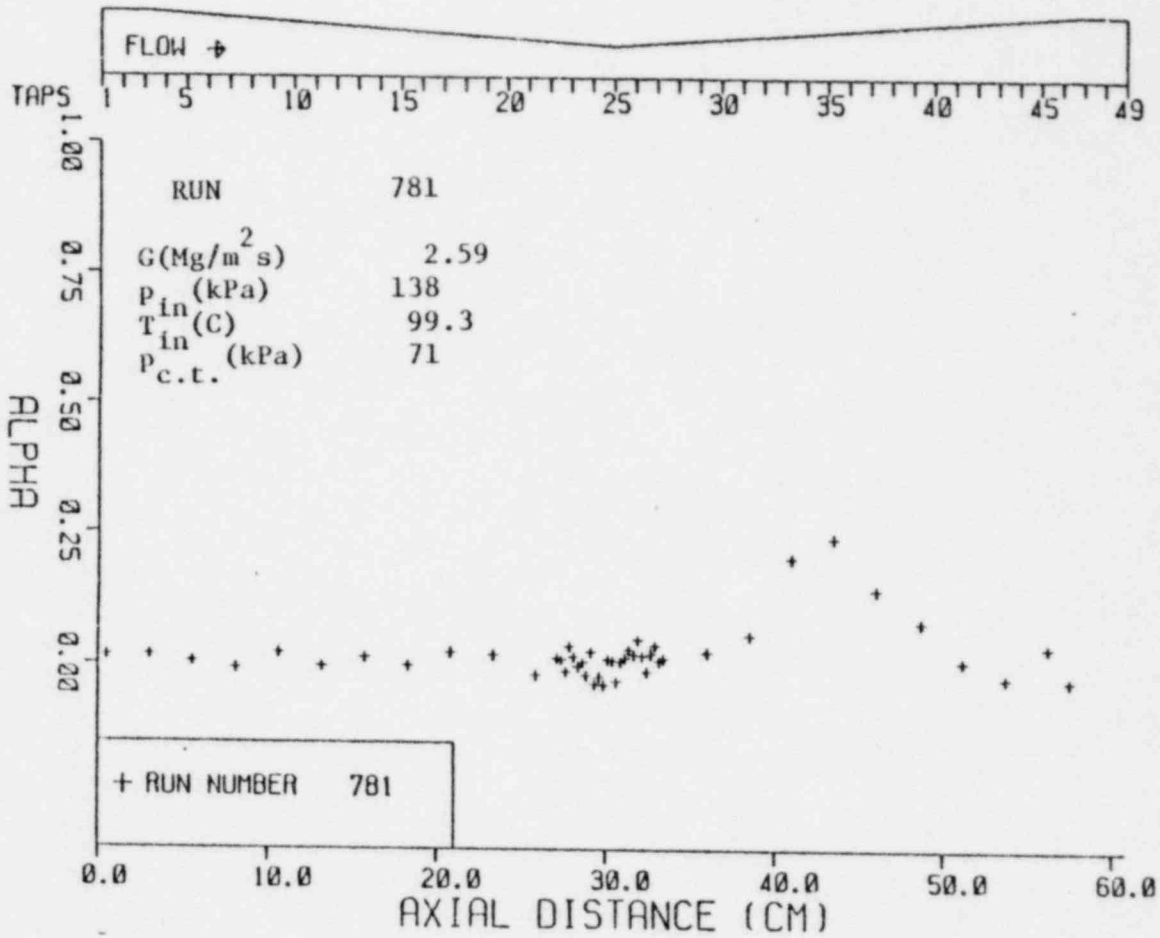
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	931.	.02	.04
4.58	942.	.04	.05
7.11	981.	.03	.06
9.65	993.	.06	.05
12.10	1052.	.10	.05
14.73	1127.	.16	.04
17.28	1203.	.23	.07
19.82	1238.	.19	.04
22.36	1184.	.09	.08
24.88	1149.	.01	.06
27.45	1230.	.04	.06
27.70	1259.	-.01	.06
27.94	1292.	.02	.07
28.19	1327.	-.00	.07
28.44	1355.	.02	.06
28.71	1349.	.02	.06
28.92	1331.	.03	.06
29.20	1327.	.05	.05
29.48	1300.	.01	.08
29.73	1277.	-.01	.05
29.98	1235.	.00	.04
30.24	1180.	-.07	.07
30.48	1166.	-.00	.05
30.74	1191.	-.03	.04
31.00	1256.	.03	.06
31.25	1247.	-.03	.07
31.51	1250.	-.05	.06
31.76	1266.	-.04	.07
32.01	1267.	-.02	.07
32.26	1266.	-.04	.05
32.52	1255.	-.04	.05
32.77	1273.	.02	.07
33.02	1241.	.00	.05
33.27	1273.	.02	.04
33.53	1222.	-.08	.06
33.78	1260.	.01	.07
35.05	1172.	-.03	.06
37.59	1180.	-.02	.07
40.15	1119.	-.04	.05
42.67	1066.	-.04	.06
45.22	1066.	-.00	.05
47.75	1023.	-.05	.04
50.29	965.	-.00	.06
52.83	939.	-.05	.03
55.39	937.	.01	.08
57.91	896.	-.04	.03
60.45	888.	-.02	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 781

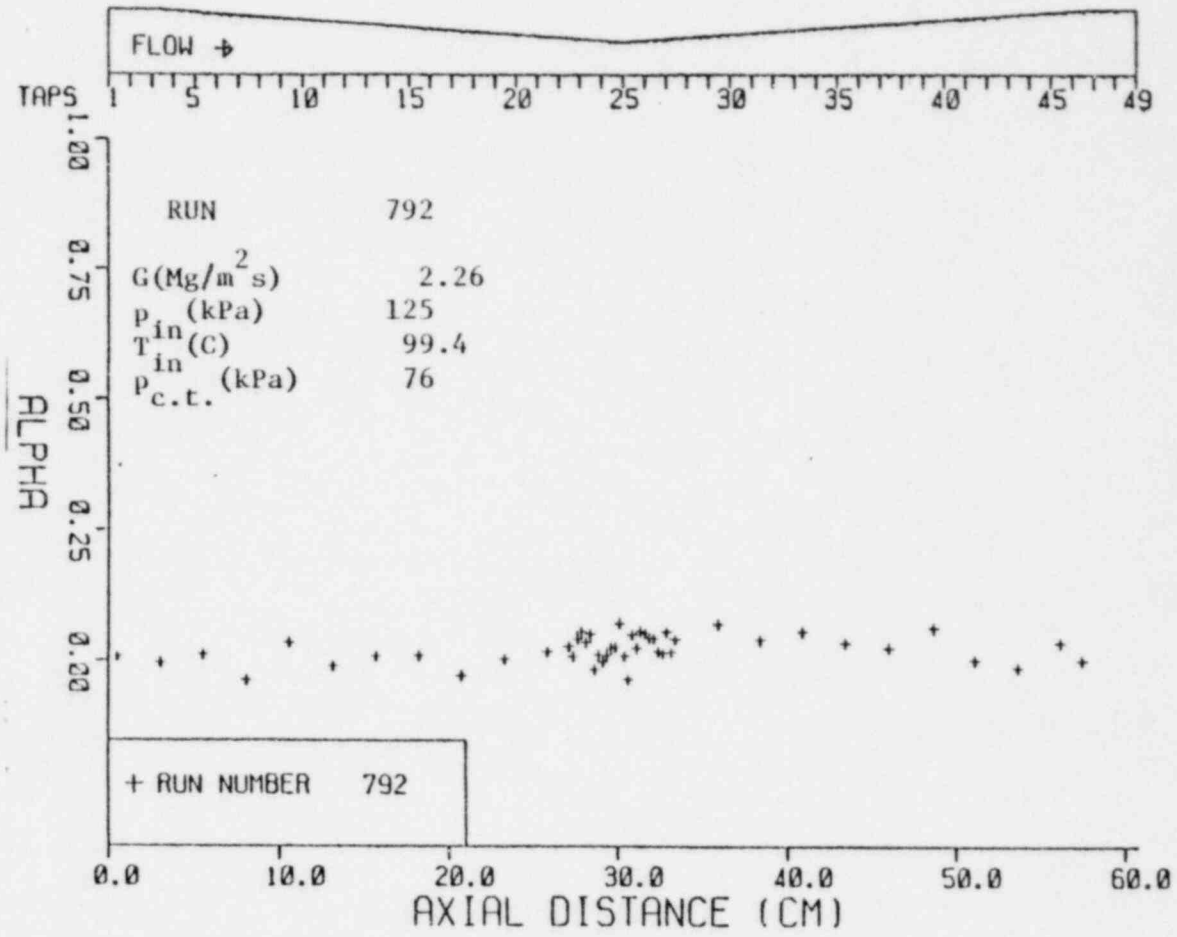
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	894.	-.03	.05
4.58	934.	.03	.03
7.11	941.	-.02	.04
9.65	956.	.01	.04
12.10	1036.	.08	.06
14.73	1111.	.14	.06
17.28	1205.	.24	.06
19.82	1238.	.28	.05
22.36	1159.	.06	.05
24.88	1153.	.02	.04
27.45	1210.	.01	.07
27.70	1260.	.01	.10
27.94	1294.	.04	.06
28.19	1332.	.02	.07
28.44	1332.	-.01	.10
28.71	1342.	.02	.08
28.92	1337.	.05	.05
29.20	1301.	.02	.06
29.48	1303.	.03	.09
29.73	1283.	.01	.09
29.98	1231.	.01	.06
30.24	1190.	-.03	.07
30.48	1165.	.01	.07
30.74	1203.	.01	.07
31.00	1216.	-.04	.08
31.25	1242.	-.02	.02
31.51	1252.	-.04	.09
31.76	1293.	.02	.07
32.01	1281.	-.02	.05
32.26	1284.	.01	.05
32.52	1266.	-.00	.07
32.77	1262.	.01	.06
33.02	1251.	.04	.07
33.27	1251.	-.01	.07
33.53	1259.	.01	.05
33.78	1253.	.01	.06
35.05	1173.	-.02	.07
37.59	1195.	.02	.07
40.15	1149.	.02	.07
42.67	1081.	-.00	.10
45.22	1070.	.01	.04
47.75	1047.	-.00	.07
50.29	977.	.02	.04
52.83	961.	-.01	.04
55.39	929.	.00	.05
57.91	928.	.02	.05
60.45	905.	.02	.02



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 792

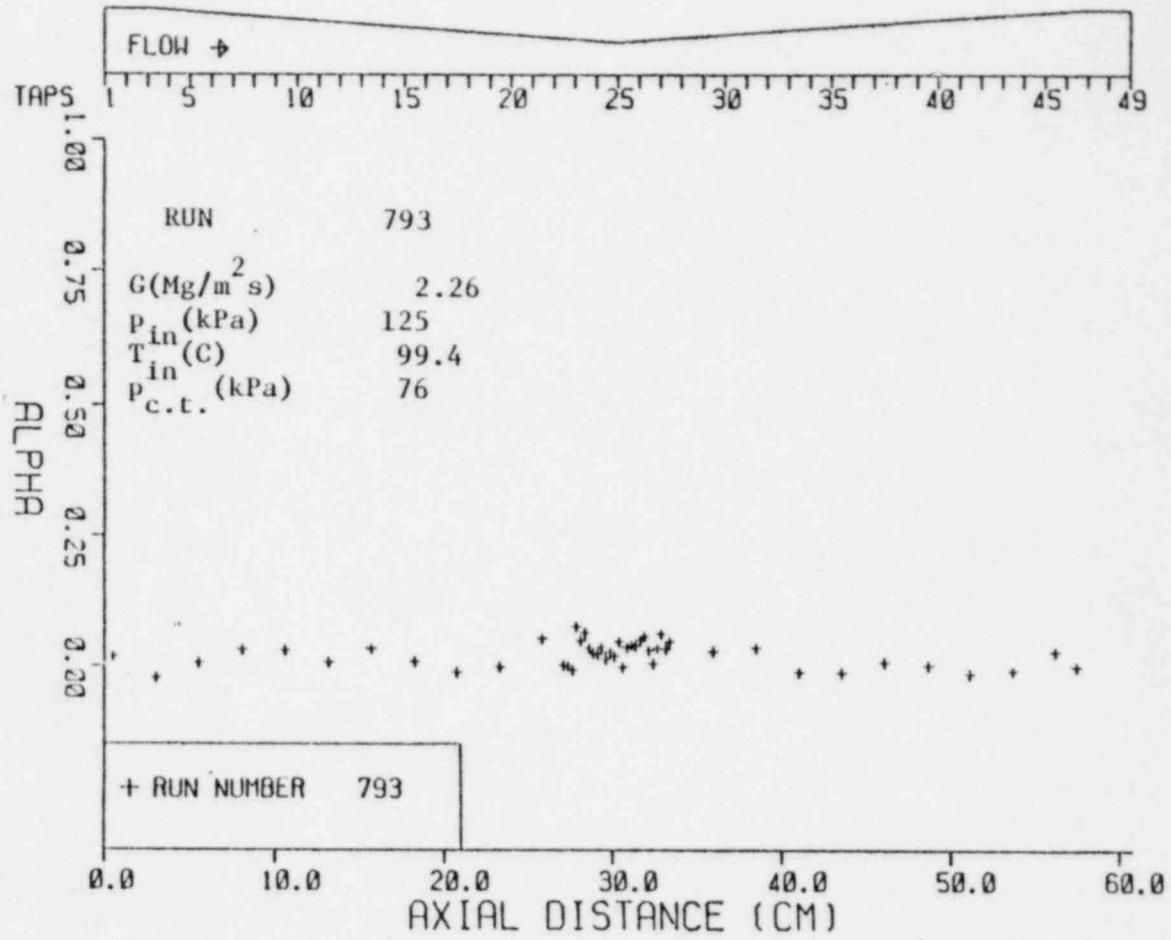
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	915.	.00	.05
4.58	935.	.04	.05
7.11	948.	-.01	.03
9.65	953.	.00	.05
12.10	1025.	.07	.05
14.72	1037.	.03	.06
17.26	1072.	.03	.06
19.82	1146.	.06	.07
22.36	1150.	.04	.07
24.88	1180.	.07	.05
27.45	1227.	.04	.06
27.70	1264.	.02	.06
27.94	1305.	.06	.08
28.19	1329.	.02	.06
28.44	1349.	.02	.06
28.71	1358.	.04	.05
28.92	1335.	.05	.05
29.20	1321.	.05	.06
29.48	1318.	.06	.08
29.73	1289.	.03	.06
29.98	1256.	.05	.08
30.24	1189.	-.03	.07
30.48	1166.	.01	.09
30.74	1233.	.07	.09
31.00	1250.	.03	.09
31.25	1267.	.03	.05
31.51	1277.	.01	.07
31.76	1280.	-.00	.07
32.01	1299.	.01	.08
32.26	1273.	-.02	.08
32.52	1296.	.05	.06
32.77	1273.	.04	.08
33.02	1263.	.06	.07
33.27	1281.	.04	.07
33.53	1259.	.01	.08
33.78	1262.	.03	.08
35.05	1193.	.02	.07
37.59	1187.	.00	.05
40.13	1120.	-.03	.07
42.67	1087.	.01	.07
45.22	1067.	.01	.05
47.75	1043.	-.01	.06
50.29	985.	-.04	.05
52.83	942.	-.04	.03
55.39	934.	.01	.05
57.91	913.	-.00	.03
60.45	900.	.01	.04



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 793

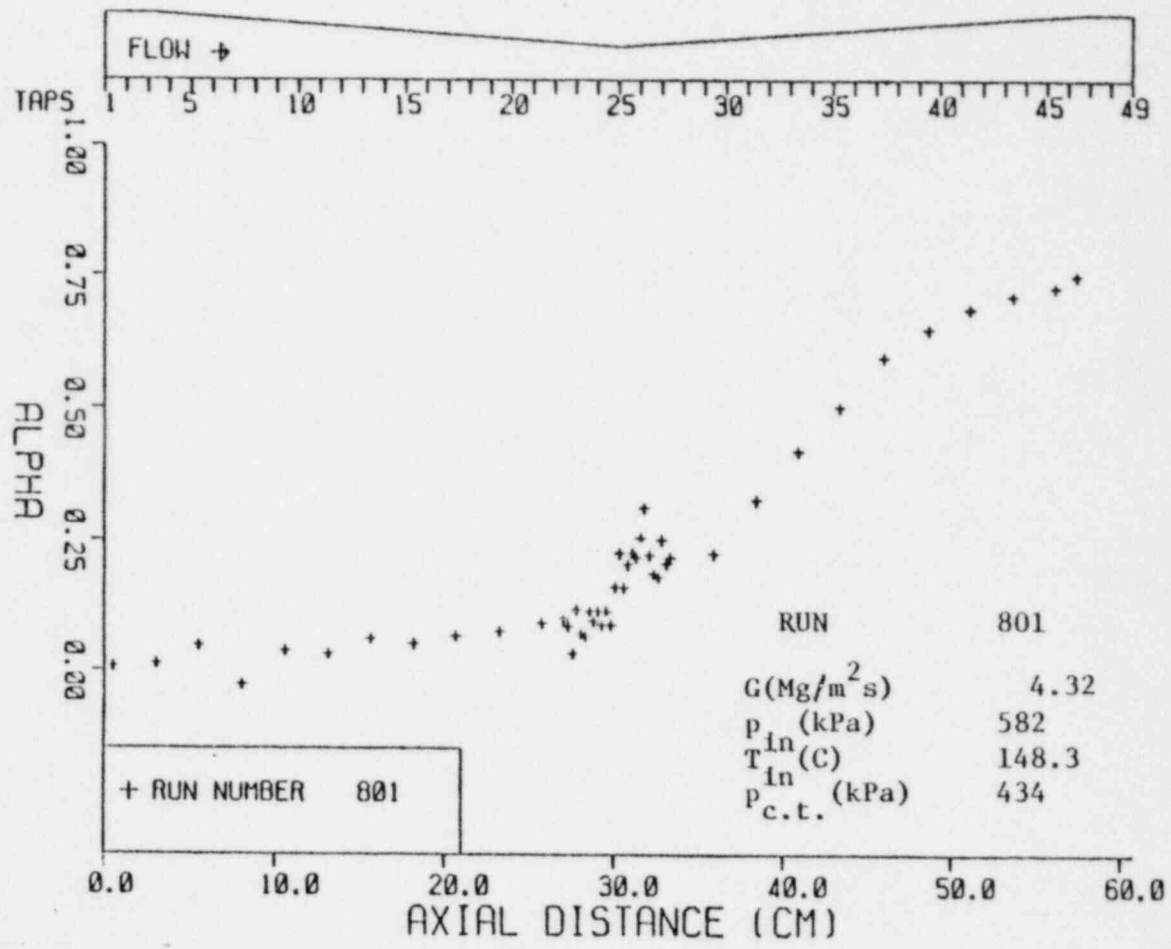
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	914.	.09	.04
4.58	930.	.03	.06
7.11	952.	-.01	.05
9.65	942.	-.01	.07
12.10	985.	.00	.06
14.73	1026.	.01	.03
17.28	1045.	-.01	.08
19.82	1106.	-.01	.04
22.36	1147.	.04	.06
24.88	1156.	.03	.09
27.45	1231.	.05	.06
27.70	1272.	.03	.07
27.94	1308.	.06	.04
28.19	1339.	.03	.05
28.44	1342.	.00	.06
28.71	1350.	.03	.07
28.92	1342.	.06	.07
29.20	1319.	.05	.03
29.48	1309.	.04	.11
29.73	1298.	.04	.06
29.98	1247.	.04	.06
30.24	1205.	-.00	.07
30.48	1183.	.05	.05
30.74	1207.	.02	.07
31.00	1249.	.03	.08
31.25	1261.	.01	.07
31.51	1289.	.04	.05
31.76	1292.	.02	.06
32.01	1307.	.03	.06
32.26	1299.	.03	.04
32.52	1301.	.06	.05
32.77	1279.	.05	.06
33.02	1273.	.08	.08
33.27	1254.	-.01	.09
33.53	1255.	.00	.07
33.78	1248.	.00	.04
35.05	1212.	.05	.08
37.59	1184.	-.00	.10
40.15	1129.	-.01	.08
42.67	1087.	.01	.06
45.22	1083.	.03	.04
47.75	1053.	.01	.04
50.29	982.	.03	.06
52.83	986.	.03	.05
55.39	930.	.01	.06
57.91	901.	-.02	.05
60.45	907.	.02	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 801

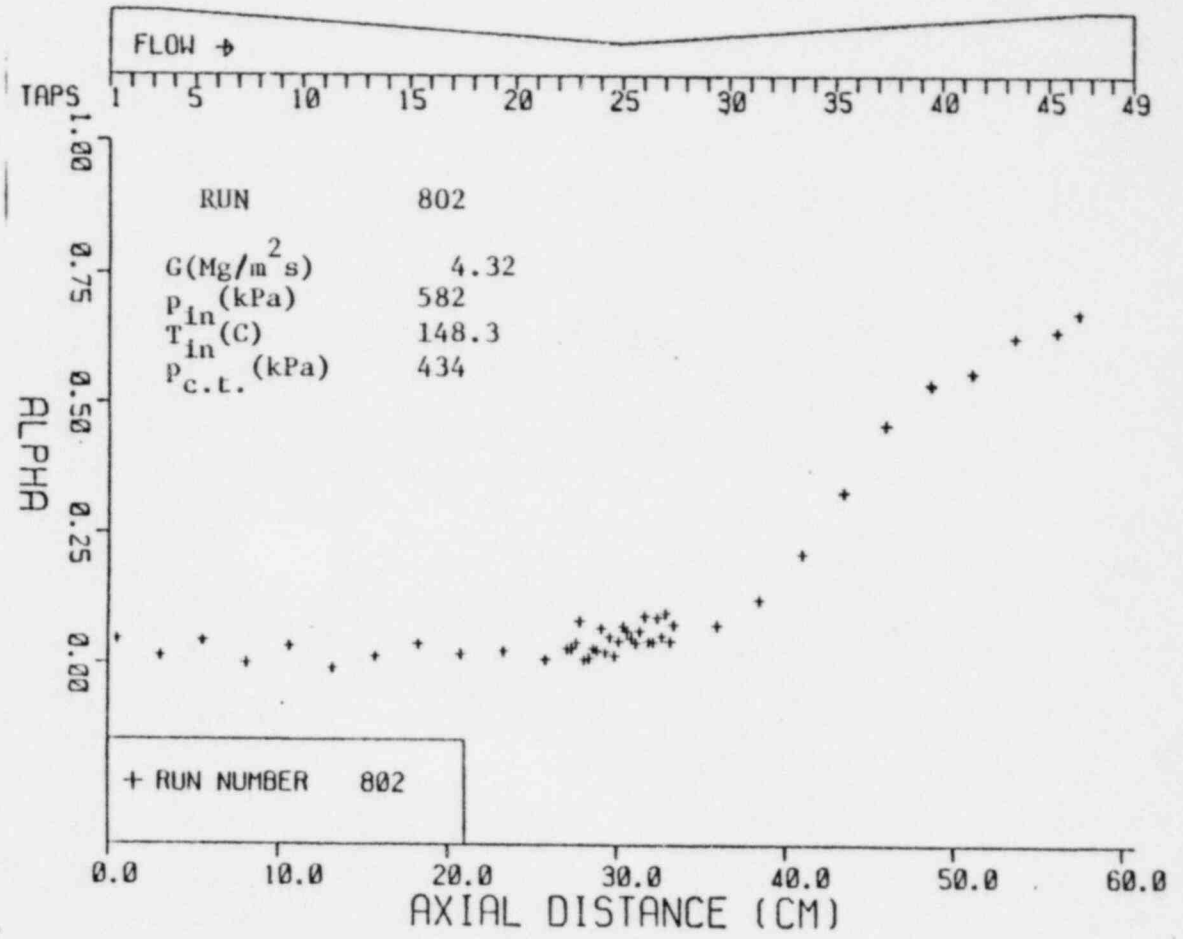
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1597.	.75	.04
4.58	1575.	.73	.05
7.11	1553.	.71	.06
9.65	1512.	.69	.05
12.10	1487.	.65	.04
14.73	1455.	.60	.04
17.28	1407.	.50	.05
19.82	1398.	.42	.04
22.36	1339.	.33	.06
24.88	1287.	.23	.08
27.45	1345.	.22	.07
27.70	1381.	.21	.07
27.94	1435.	.25	.06
28.19	1438.	.18	.05
28.44	1460.	.19	.06
28.71	1479.	.22	.11
28.92	1502.	.31	.07
29.20	1454.	.25	.11
29.48	1421.	.22	.04
29.73	1412.	.23	.07
29.98	1355.	.20	.08
30.24	1297.	.16	.09
30.48	69772.	.23	.18
30.74	1289.	.16	.08
31.00	1367.	.09	.08
31.25	1324.	.12	.09
31.51	1331.	.09	.07
31.76	1349.	.11	.08
32.01	1972.	.10	.07
32.26	1354.	.11	.09
32.52	1317.	.07	.06
32.77	1305.	.07	.06
33.02	1309.	.12	.07
33.27	1290.	.03	.07
33.53	1314.	.03	.05
33.78	1314.	.10	.05
35.05	1247.	.09	.07
37.59	1242.	.08	.06
40.15	1190.	.07	.05
42.67	1130.	.05	.06
45.22	1118.	.06	.05
47.75	1089.	.03	.05
50.29	1007.	.04	.05
52.83	970.	-.03	.04
55.39	979.	.05	.07
57.91	948.	.01	.04
60.45	924.	.01	.04



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 802

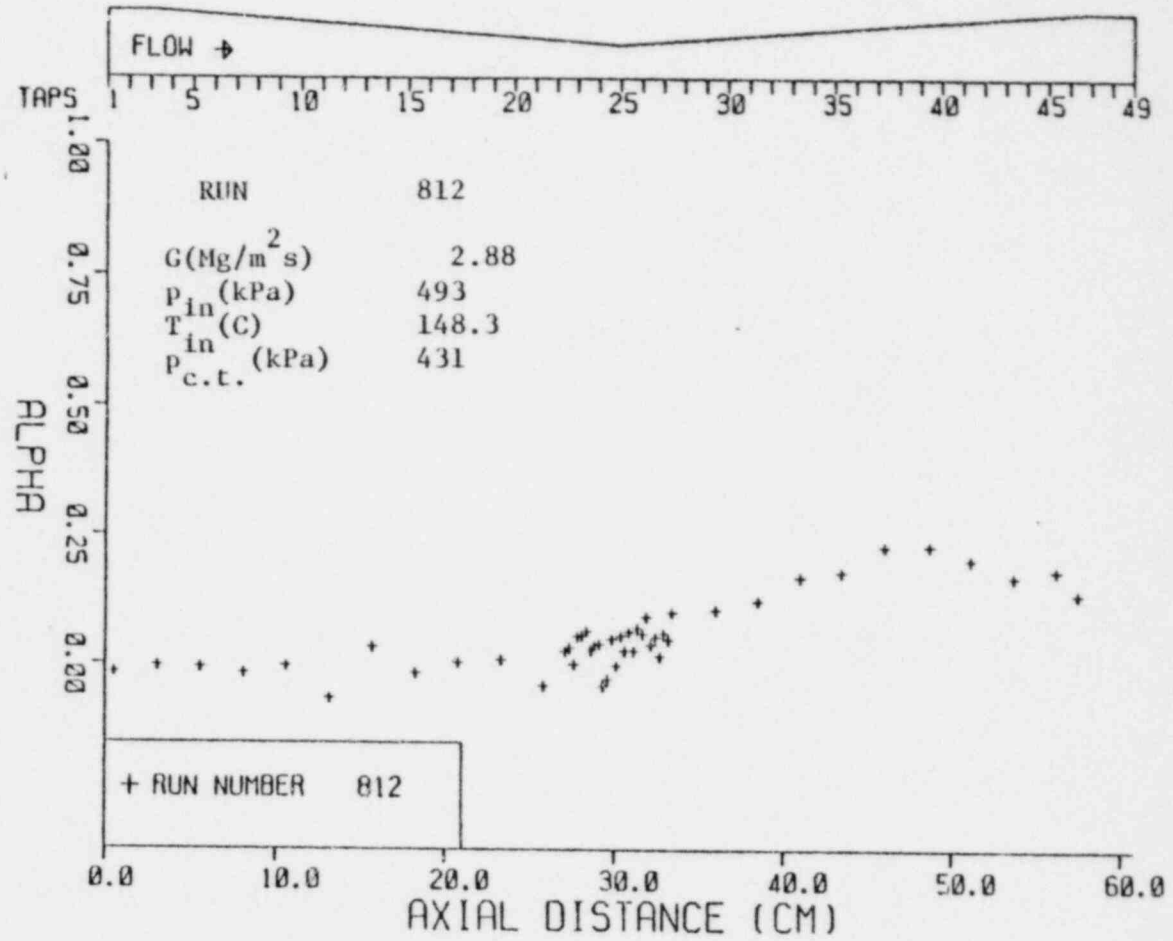
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1506.	.68	.03
4.58	1467.	.64	.03
7.11	1460.	.63	.03
9.65	1384.	.56	.04
12.10	1382.	.54	.04
14.73	1341.	.46	.05
17.28	1275.	.33	.07
19.82	1252.	.21	.06
22.36	1208.	.12	.06
24.88	1193.	.08	.07
27.45	1256.	.08	.05
27.70	1287.	.04	.06
27.94	1337.	.10	.04
28.19	1359.	.06	.05
28.44	1398.	.09	.04
28.71	1367.	.04	.09
28.92	1343.	.05	.05
29.20	1352.	.09	.04
29.48	1330.	.07	.09
29.73	1305.	.04	.07
29.98	1263.	.05	.06
30.24	1243.	.07	.05
30.48	1200.	.07	.05
30.74	1226.	.04	.03
31.00	1250.	.02	.09
31.25	1287.	.05	.06
31.51	1290.	.02	.06
31.76	1320.	.07	.06
32.01	1314.	.03	.06
32.26	1303.	.03	.06
32.52	1281.	.01	.05
32.77	1266.	.01	.07
33.02	1284.	.08	.07
33.27	1287.	.04	.07
33.53	1278.	.03	.05
33.78	1271.	.03	.09
35.05	1197.	.01	.09
37.59	1208.	.03	.08
40.15	1157.	.02	.07
42.67	1117.	.04	.08
45.22	1084.	.01	.03
47.75	1058.	-.01	.06
50.29	999.	.03	.05
52.83	983.	.00	.06
55.39	971.	.04	.06
57.91	943.	.01	.04
60.45	945.	.05	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 812

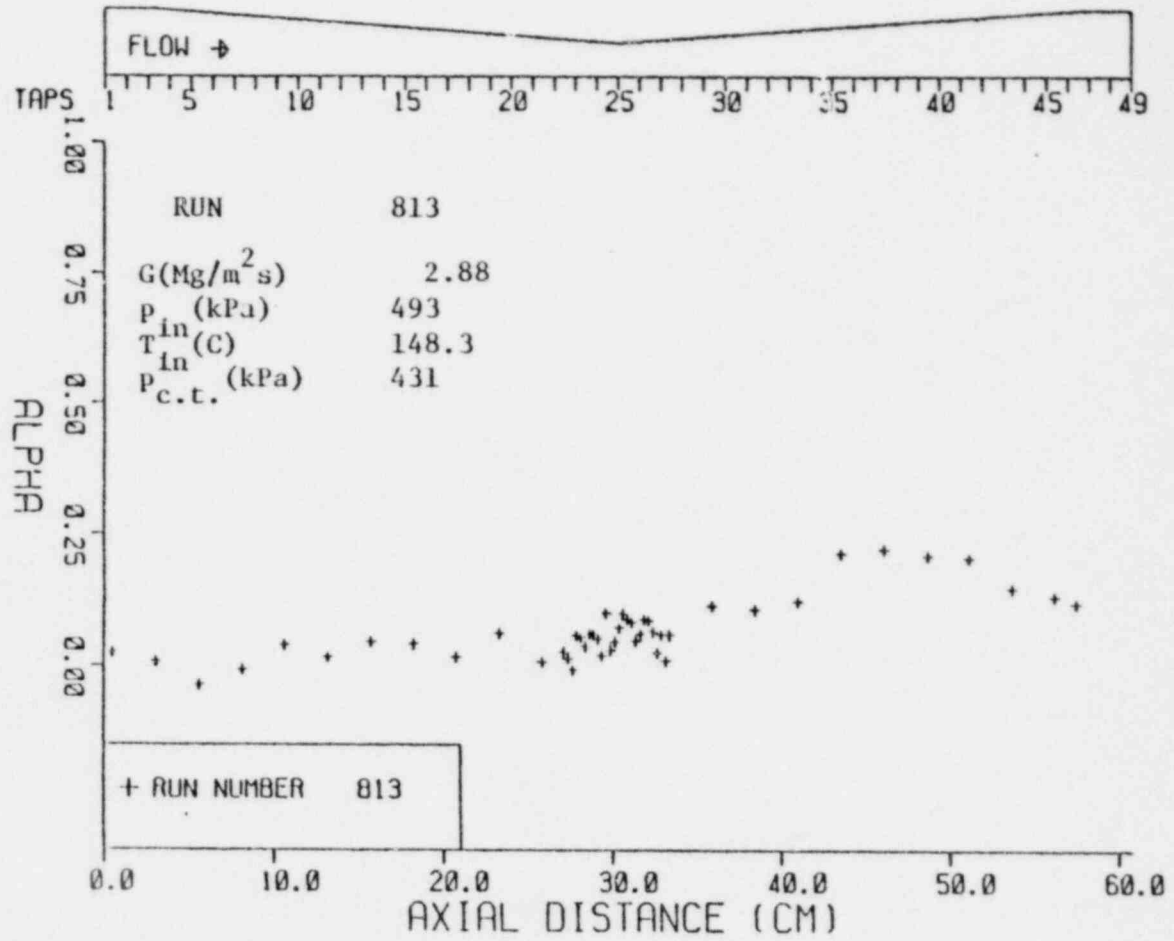
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1027.	.14	.05
4.58	1058.	.18	.04
7.11	1087.	.17	.04
9.65	1102.	.20	.05
12.10	1147.	.23	.03
14.73	1176.	.23	.05
17.28	1174.	.18	.06
19.82	1226.	.17	.04
22.36	1208.	.12	.07
24.88	1210.	.11	.08
27.45	1270.	.10	.07
27.70	1288.	.05	.07
27.94	[illegible]	.06	.06
28.19		.02	.05
28.44	[illegible]	.05	.07
28.71	1363.	.04	.06
28.92	1369.	.09	.10
29.20	5404.	.06	.06
29.48	1332.	.07	.07
29.73	1298.	.03	.04
29.98	1270.	.06	.09
30.24	1225.	.03	.08
30.48	118800.	.05	.05
30.74	1205.	-.00	.12
31.00	1266.	.05	.05
31.25	1248.	-.03	.05
31.51	1258.	-.04	.07
31.76	1306.	.04	.07
32.01	1320.	.04	.07
32.26	1302.	.03	.08
32.52	1308.	.06	.06
32.77	1290.	.05	.10
33.02	1269.	.05	.09
33.27	1266.	.00	.04
33.53	1279.	.03	.07
33.78	1268.	.02	.07
35.05	1172.	-.04	.08
37.59	1193.	.01	.07
40.15	1148.	.00	.06
42.67	1085.	-.02	.07
45.22	1095.	.03	.05
47.75	1026.	-.06	.07
50.29	976.	-.08	.06
52.83	971.	-.02	.03
55.39	939.	-.01	.06
57.91	931.	-.00	.05
60.45	903.	-.02	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 813

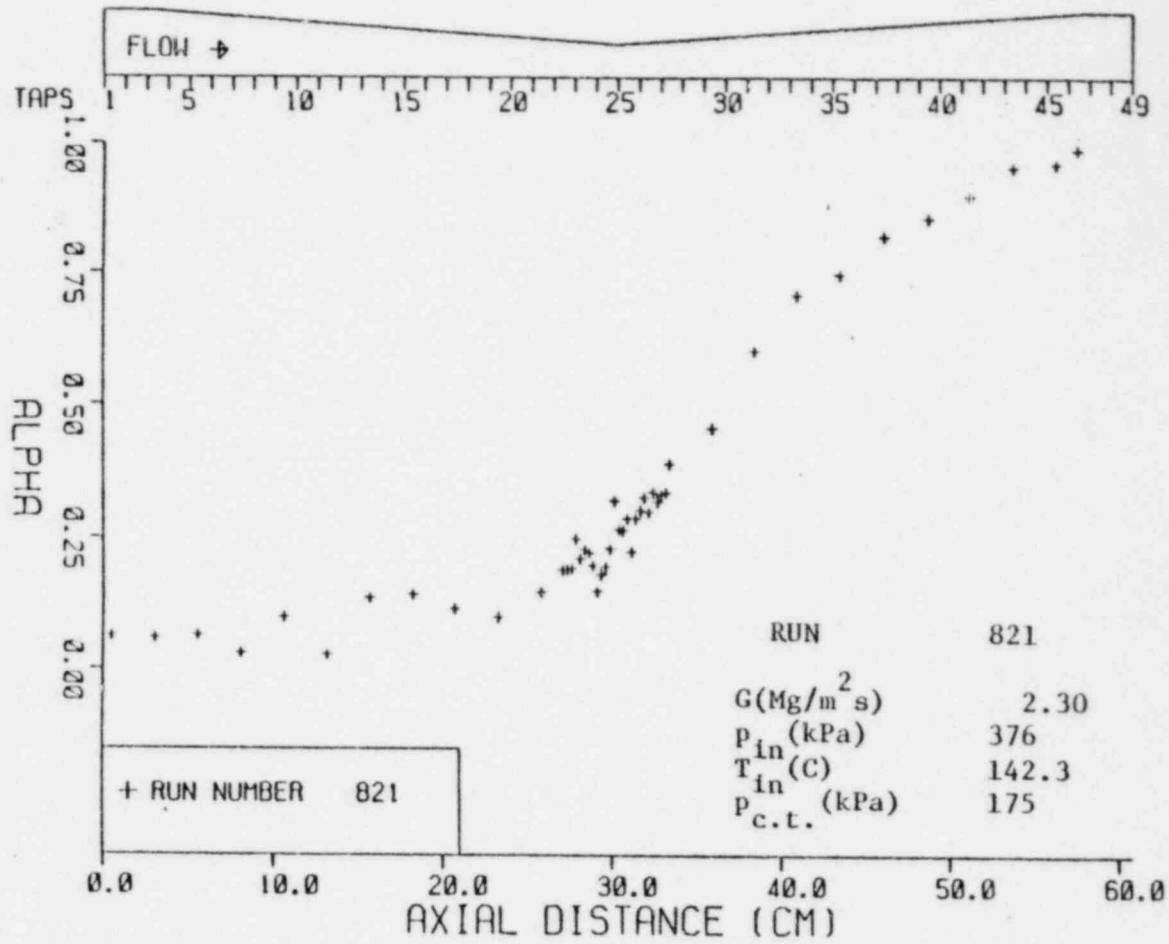
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1009.	.12	.04
4.58	1015.	.13	.03
7.11	1066.	.15	.03
9.65	1097.	.21	.04
12.10	1127.	.21	.06
14.73	1166.	.22	.04
17.28	1190.	.21	.05
19.82	1190.	.12	.06
22.36	1192.	.11	.06
24.88	1208.	.11	.07
27.45	1240.	.06	.05
27.70	1262.	.01	.06
27.94	1309.	.06	.04
28.19	1336.	.03	.05
28.44	1377.	.07	.08
28.71	1383.	.09	.07
28.92	1359.	.09	.06
29.20	1326.	.06	.05
29.48	1314.	.05	.05
29.73	1320.	.08	.05
29.98	1276.	.09	.06
30.24	1253.	.10	.07
30.48	1195.	.07	.12
30.74	1221.	.05	.08
31.00	1251.	.03	.10
31.25	1304.	.10	.12
31.51	1282.	.02	.06
31.76	1305.	.05	.08
32.01	1325.	.06	.09
32.26	1313.	.06	.07
32.52	1289.	.04	.08
32.77	1282.	.06	.06
33.02	1264.	.06	.06
33.27	1257.	-.01	.08
33.53	1264.	.02	.07
33.78	1263.	.03	.07
35.05	1190.	.01	.08
37.59	1221.	.06	.10
40.15	1150.	.02	.07
42.67	1113.	.04	.06
45.22	1098.	.05	.04
47.75	1068.	.02	.04
50.29	997.	.04	.04
52.83	973.	-.01	.05
55.39	915.	-.04	.03
57.91	935.	.01	.06
60.45	925.	.03	.03



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 21

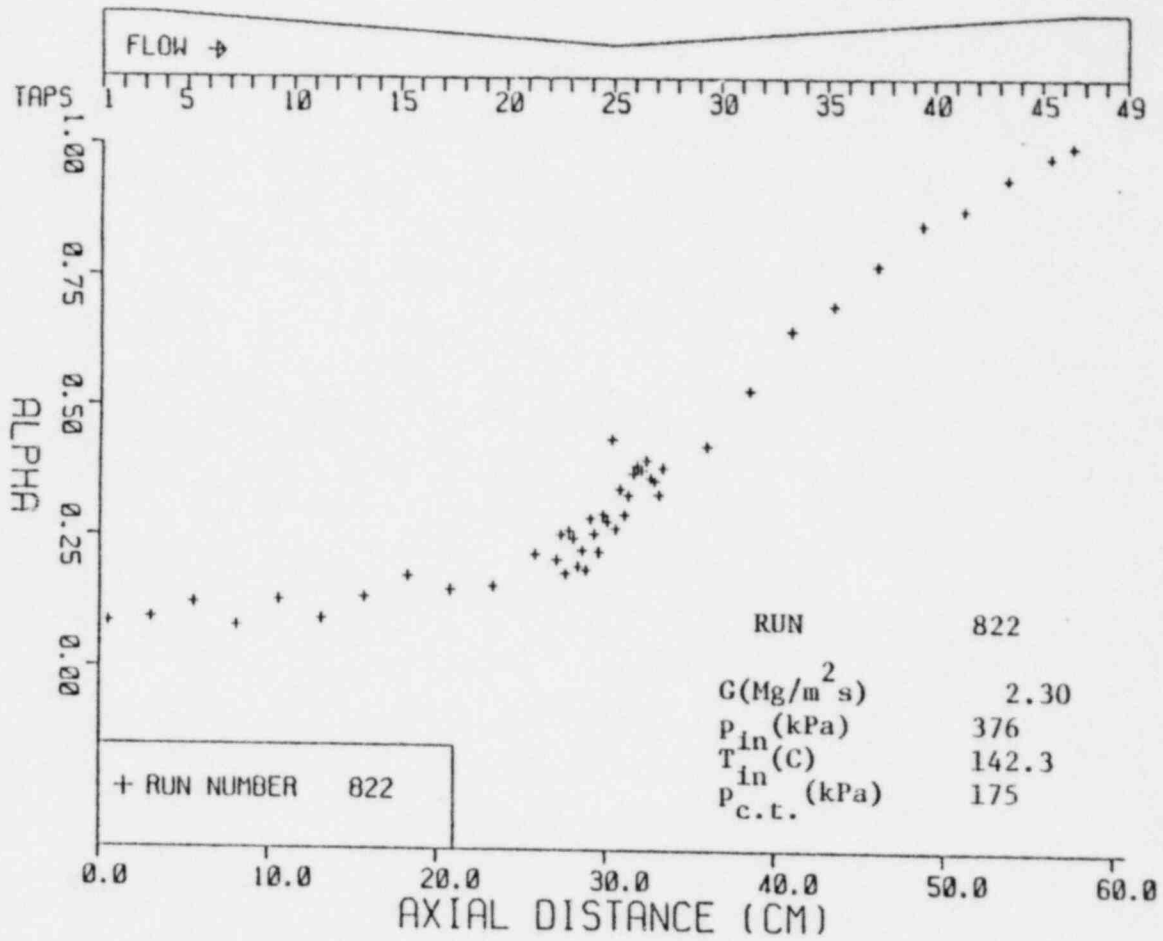
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1874.	.99	.02
4.58	1840.	.96	.03
7.11	1796.	.95	.02
9.65	1712.	.90	.05
12.10	1666.	.86	.05
14.73	1632.	.82	.04
17.28	1591.	.75	.06
19.82	1599.	.71	.04
22.36	1512.	.60	.12
24.88	1417.	.45	.05
27.45	1432.	.39	.04
27.70	1437.	.33	.06
27.94	1467.	.33	.08
28.19	1502.	.32	.05
28.44	1530.	.33	.06
28.71	1507.	.30	.04
28.92	1490.	.32	.05
29.20	1464.	.30	.05
29.48	1443.	.29	.07
29.73	1393.	.22	.07
29.98	1385.	.29	.06
30.24	1332.	.26	.03
30.48	1280.	.27	.05
30.74	1353.	.32	.15
31.00	1346.	.23	.07
31.25	1347.	.19	.06
31.51	1361.	.18	.05
31.76	1349.	.15	.08
32.01	1394.	.20	.06
32.26	1392.	.22	.04
32.52	1384.	.23	.06
32.77	1359.	.21	.10
33.02	1362.	.25	.10
33.27	1356.	.19	.09
33.53	1352.	.19	.08
33.78	1345.	.19	.08
35.05	1259.	.15	.05
37.59	1237.	.10	.06
40.15	1201.	.11	.05
42.67	1168.	.14	.06
45.22	1149.	.14	.05
47.75	1071.	.03	.04
50.29	1030.	.10	.07
52.83	991.	.03	.04
55.39	975.	.07	.04
57.91	966.	.06	.06
60.45	948.	.07	.05



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 822

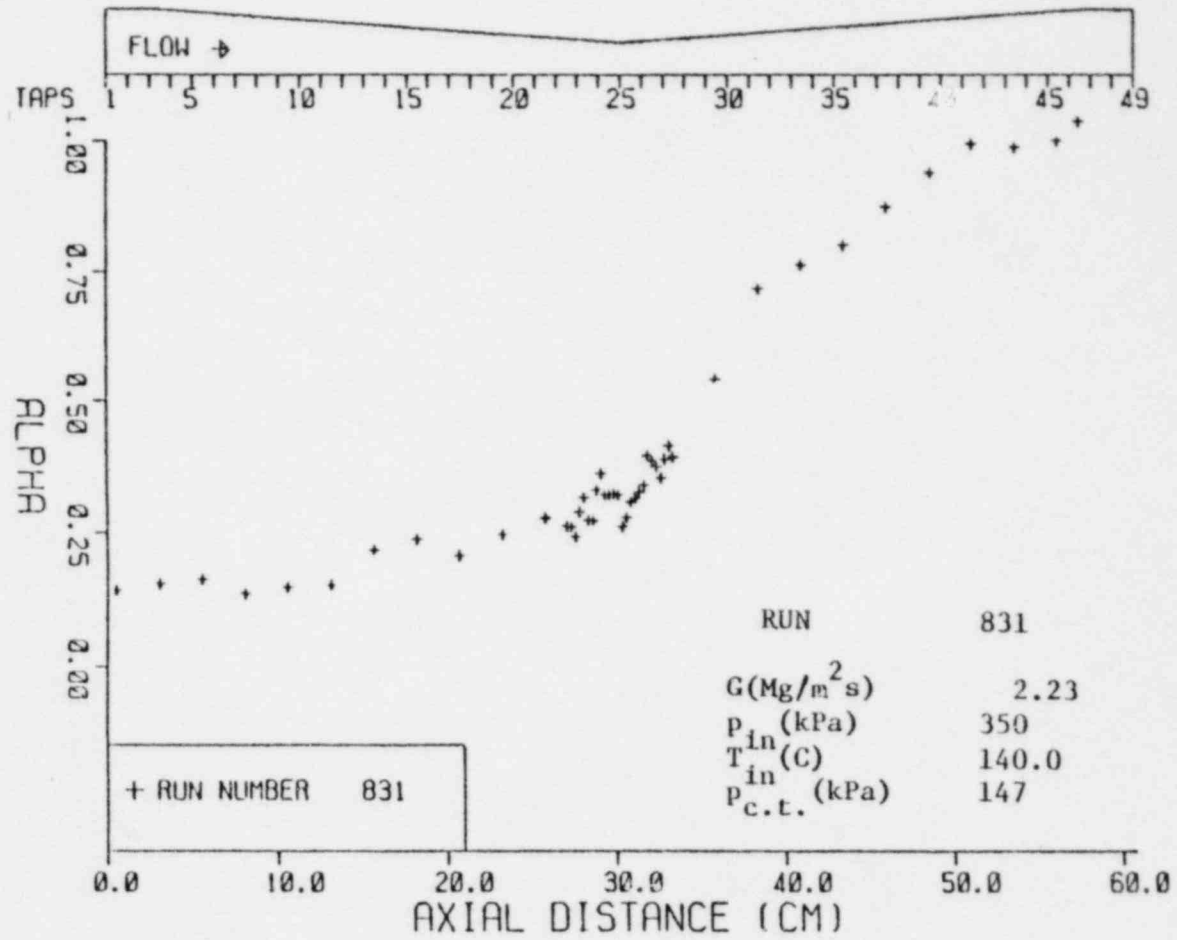
LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1875.	1.00	.03
4.58	1852.	.98	.03
7.11	1768.	.94	.05
9.65	1678.	.88	.05
12.10	1648.	.85	.03
14.73	1578.	.77	.03
17.28	1538.	.70	.05
19.82	1541.	.65	.03
22.36	1453.	.53	.07
24.88	1389.	.42	.06
27.45	1421.	.38	.08
27.70	1427.	.33	.04
27.94	1475.	.36	.08
28.19	1522.	.36	.07
28.44	1559.	.39	.06
28.71	1548.	.38	.05
28.92	1522.	.39	.06
29.20	1927.	.37	.13
29.48	1461.	.33	.06
29.73	1424.	.29	.08
29.98	1409.	.34	.06
30.24	1326.	.27	.08
30.48	1359.	.43	.19
30.74	1324.	.28	.10
31.00	1370.	.29	.08
31.25	1354.	.22	.08
31.51	1394.	.26	.05
31.76	1409.	.28	.04
32.01	1381.	.19	.05
32.26	1387.	.22	.04
32.52	1359.	.19	.05
32.77	1370.	.25	.06
33.02	1362.	.26	.05
33.27	1343.	.18	.08
33.53	1381.	.25	.06
33.78	1348.	.21	.08
35.05	1290.	.22	.04
37.59	1264.	.16	.04
40.15	1216.	.15	.07
42.67	1183.	.18	.09
45.22	1144.	.14	.07
47.75	1106.	.09	.06
50.29	1044.	.13	.04
52.83	1019.	.08	.05
55.39	1010.	.13	.06
57.91	986.	.10	.07
60.45	958.	.09	.04



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 831

LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1925.	1.04	.02
4.58	1880.	1.00	.02
7.11	1826.	.99	.03
9.65	1808.	.99	.03
12.10	1743.	.94	.04
14.73	1672.	.87	.03
17.28	1630.	.80	.07
19.82	1635.	.76	.05
22.36	1588.	.72	.05
24.88	1467.	.54	.05
27.45	1427.	.39	.07
27.70	1476.	.41	.08
27.94	1494.	.39	.05
28.19	1515.	.35	.05
28.44	1544.	.37	.03
28.71	1552.	.38	.06
28.92	1527.	.39	.08
29.20	1479.	.34	.05
29.48	1457.	.32	.05
29.73	1435.	.31	.09
29.98	1388.	.31	.06
30.24	1330.	.28	.05
30.48	1269.	.26	.07
30.74	1344.	.32	.05
31.00	1385.	.32	.08
31.25	1404.	.32	.06
31.51	1429.	.32	.03
31.76	1449.	.36	.08
32.01	1459.	.33	.09
32.26	1411.	.27	.06
32.52	1399.	.27	.07
32.77	1406.	.32	.04
33.02	1377.	.29	.08
33.27	1374.	.24	.10
33.53	1382.	.26	.07
33.78	1377.	.26	.12
35.05	1323.	.28	.11
37.59	1312.	.24	.06
40.15	1247.	.21	.06
42.67	1219.	.24	.05
45.22	1193.	.22	.07
47.75	1141.	.15	.06
50.29	1055.	.15	.05
52.83	1055.	.14	.06
55.39	1033.	.16	.05
57.91	1025.	.16	.05
60.45	996.	.14	.04



BNL FLASHING FLOWS EXPERIMENT
GAMMA DENSITOMETER DATA
TEST SECTION # 2

RUN NUMBER 832

LOCATION IN CM FROM TAP 49	AVERAGE NUMBER OF COUNTS IN 54 SEC	AVERAGE ALPHA	STD DEV
3.31	1923.	1.04	.03
4.58	1924.	1.04	.03
7.11	1905.	1.06	.04
9.65	1825.	1.02	.02
12.10	1817.	1.02	.03
14.73	1760.	.97	.04
17.28	1696.	.88	.06
19.82	1698.	.85	.04
22.36	1593.	.73	.07
24.88	1532.	.64	.04
27.45	1507.	.53	.05
27.70	1517.	.50	.05
27.94	1560.	.50	.10
28.19	1587.	.48	.09
28.44	1607.	.49	.08
28.71	1586.	.45	.07
28.92	1545.	.44	.07
29.20	1521.	.42	.08
29.48	1506.	.42	.04
29.73	1478.	.40	.06
29.98	1448.	.42	.06
30.24	1383.	.39	.09
30.48	1316.	.37	.10
30.74	1359.	.36	.13
31.00	1366.	.30	.08
31.25	1386.	.30	.07
31.51	1412.	.30	.07
31.76	1412.	.31	.06
32.01	1406.	.24	.05
32.26	1385.	.24	.07
32.52	4487.	.28	.10
32.77	1386.	.29	.07
33.02	1360.	.27	.07
33.27	1377.	.26	.07
33.53	71077.	.15	.13
33.78	1350.	.23	.08
35.05	1269.	.19	.10
37.59	1261.	.17	.07
40.15	1226.	.18	.04
42.67	1162.	.16	.04
45.22	1148.	.15	.08
47.75	1106.	.11	.04
50.29	1031.	.12	.05
52.83	1024.	.10	.04
55.39	990.	.11	.07
57.91	949.	.06	.05
60.45	969.	.11	.03