gas-size (A)	Electric dipole polariz	angle-cross(o)	surface-charge	Temperature	Pressure	Pathway L
3.3	2.507	89	0	300	P0	1
3.17	1.698	67	0	300	P0	1
3.46	1.562	63	0	300	P0	1
4.01	2.91	0	0	300	P0	1
3.64	1.71	65	0	300	P0	1
3.76	1.953	70	0	300	P0	1
3.8	2.448	0	0	300	P0	1
3.3	3.487	56	0	300	P0	1
4.1	4.188	0	0	300	P0	1
3.3	2.507	30	-0.15	300	P0	1
3.3	2.507	40.8	-0.096	300	P0	1
3.3	2.507	50.4	-0.048	300	P0	1
3.3	2.507	55.2	-0.024	300	P0	1
3.3	2.507	64.8	0.024	300	P0	1
3.3	2.507	69.6	0.048	300	P0	1
3.3	2.507	79.2	0.096	300	P0	1
3.3	2.507	90	0.15	300	P0	1
3.3	3.487	60	-0.15	300	P0	1
3.3	3.487	59.2	-0.12	300	P0	1
3.3	3.487	58.56	-0.096	300	P0	1
3.3	3.487	57.28	-0.048	300	P0	1
3.3	3.487	56.64	-0.024	300	P0	1
3.3	3.487	56	0	300	P0	1
3.3	3.487	51.04	0.024	300	P0	1
3.3	3.487	46.08	0.048	300	P0	1
3.3	3.487	36.16	0.096	300	P0	1
3.3	3.487	31.2	0.12	300	P0	1
3.3	3.487	25	0.15	300	P0	1
3.76	1.953	70	0	270	P0	1
3.76	1.953	70	0	330	P0	1
3.76	1.953	70	0	360	P0	1
3.76	1.953	70	0	390	P0	1
3.17	1.698	67	0	270	P0	1
3.17	1.698	67	0	330	P0	1
3.17	1.698	67	0	360	P0	1
3.17	1.698	67	0	390	P0	1
3.3	2.507	90	0	300	P0	2
3.3	2.507	90	0	300	P0	2.5
3.3	2.507	90	0	300	P0	3
3.3	2.507	90	0	300	P0	10
3.3	2.507	90	0	300	P0	30
3.3	2.507	90	0	300	P0	50
3.3	2.507	90	0	300	P0	100
3.3	2.507	90	0	300	0.5P0	1
3.3	2.507	90	0	300	0.2P0	1
3.3	2.507	90	0	300	1.2P0	1
3.3	2.507	90	0	300	1.5P0	1
3.3	2.507	1	0	300	P0	1
3.3	2.507	3	0	300	P0	1
3.3	2.507	5	0	300	P0	1
3.3	2.507	7	0	300	P0	1
3.3	2.507	9	0	300	P0	1
3.3	2.507	11	0	300	P0	1
3.3	2.507	13	0	300	P0	1
3.3	2.507	15	0	300	P0	1
3.3	2.507	17	0	300	P0	1
3.3	2.507	19	0	300	P0	1

3.3	2.507	21	0	300 P0	1
3.3	2.507	23	0	300 P0	1
3.3	2.507	25	0	300 P0	1
3.3	2.507	27	0	300 P0	1
3.3	2.507	29	0	300 P0	1
3.3	2.507	31	0	300 P0	1
3.3	2.507	33	0	300 P0	1
3.3	2.507	35	0	300 P0	1
3.3	2.507	37	0	300 P0	1
3.3	2.507	39	0	300 P0	1
3.3	2.507	41	0	300 P0	1
3.3	2.507	43	0	300 P0	1
3.3	2.507	45	0	300 P0	1
3.3	2.507	47	0	300 P0	1
3.3	2.507	49	0	300 P0	1
3.3	2.507	51	0	300 P0	1
3.3	2.507	53	0	300 P0	1
3.3	2.507	55	0	300 P0	1
3.3	2.507	57	0	300 P0	1
3.3	2.507	59	0	300 P0	1
3.3	2.507	61	0	300 P0	1
3.3	2.507	63	0	300 P0	1
3.3	2.507	65	0	300 P0	1
3.3	2.507	67	0	300 P0	1
3.3	2.507	69	0	300 P0	1
3.3	2.507	71	0	300 P0	1
3.3	2.507	73	0	300 P0	1
3.3	2.507	75	0	300 P0	1
3.3	2.507	77	0	300 P0	1
3.3	2.507	79	0	300 P0	1
3.3	2.507	81	0	300 P0	1
3.3	2.507	83	0	300 P0	1
3.3	2.507	85	0	300 P0	1
3.3	2.507	87	0	300 P0	1
3.3	2.507	89	0	300 P0	1
3.3	2.507	91	0	300 P0	1
3.3	2.507	93	0	300 P0	1
3.3	2.507	95	0	300 P0	1
3.3	2.507	97	0	300 P0	1
3.3	2.507	99	0	300 P0	1
3.3	2.507	101	0	300 P0	1
3.3	2.507	103	0	300 P0	1
3.3	2.507	105	0	300 P0	1
3.3	2.507	107	0	300 P0	1
3.3	2.507	109	0	300 P0	1
3.3	2.507	111	0	300 P0	1
3.3	2.507	113	0	300 P0	1
3.3	2.507	115	0	300 P0	1
3.3	2.507	117	0	300 P0	1
3.3	2.507	119	0	300 P0	1
3.3	2.507	121	0	300 P0	1
3.3	2.507	123	0	300 P0	1
3.3	2.507	125	0	300 P0	1
3.3	2.507	127	0	300 P0	1
3.3	2.507	129	0	300 P0	1
3.3	2.507	131	0	300 P0	1
3.3	2.507	133	0	300 P0	1
3.3	2.507	135	0	300 P0	1

3.3	2.507	137	0	300 P0	1
3.3	2.507	139	0	300 P0	1
3.3	2.507	141	0	300 P0	1
3.3	2.507	143	0	300 P0	1
3.3	2.507	145	0	300 P0	1
3.3	2.507	147	0	300 P0	1
3.3	2.507	149	0	300 P0	1
3.3	2.507	151	0	300 P0	1
3.3	2.507	153	0	300 P0	1
3.3	2.507	155	0	300 P0	1
3.3	2.507	157	0	300 P0	1
3.3	2.507	159	0	300 P0	1
3.3	2.507	161	0	300 P0	1
3.3	2.507	163	0	300 P0	1
3.3	2.507	165	0	300 P0	1
3.3	2.507	167	0	300 P0	1
3.3	2.507	169	0	300 P0	1
3.3	2.507	171	0	300 P0	1
3.3	2.507	173	0	300 P0	1
3.3	2.507	175	0	300 P0	1
3.3	2.507	177	0	300 P0	1
3.3	2.507	179	0	300 P0	1
3.3	2.507	1	-0.112164549	300 P0	1
3.3	2.507	3	-0.112164549	300 P0	1
3.3	2.507	5	-0.112164549	300 P0	1
3.3	2.507	7	-0.112164549	300 P0	1
3.3	2.507	9	-0.112164549	300 P0	1
3.3	2.507	11	-0.112164549	300 P0	1
3.3	2.507	13	-0.112164549	300 P0	1
3.3	2.507	15	-0.112164549	300 P0	1
3.3	2.507	17	-0.112164549	300 P0	1
3.3	2.507	19	-0.112164549	300 P0	1
3.3	2.507	21	-0.112164549	300 P0	1
3.3	2.507	23	-0.112164549	300 P0	1
3.3	2.507	25	-0.112164549	300 P0	1
3.3	2.507	27	-0.112164549	300 P0	1
3.3	2.507	29	-0.112164549	300 P0	1
3.3	2.507	31	-0.112164549	300 P0	1
3.3	2.507	33	-0.112164549	300 P0	1
3.3	2.507	35	-0.112164549	300 P0	1
3.3	2.507	37	-0.112164549	300 P0	1
3.3	2.507	39	-0.112164549	300 P0	1
3.3	2.507	41	-0.112164549	300 P0	1
3.3	2.507	43	-0.112164549	300 P0	1
3.3	2.507	45	-0.112164549	300 P0	1
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3.3	2.507	49	-0.112164549	300 P0	1
3.3	2.507	51	-0.112164549	300 P0	1
3.3	2.507	53	-0.112164549	300 P0	1
3.3	2.507	55	-0.112164549	300 P0	1
3.3	2.507	57	-0.112164549	300 P0	1
3.3	2.507	59	-0.112164549	300 P0	1
3.3	2.507	61	-0.112164549	300 P0	1
3.3	2.507	63	-0.112164549	300 P0	1
3.3	2.507	65	-0.112164549	300 P0	1
3.3	2.507	67	-0.112164549	300 P0	1
3.3	2.507	69	-0.112164549	300 P0	1
3.3	2.507	71	-0.112164549	300 P0	1

3.3	2.507	73	-0.112164549	300 P0	1
3.3	2.507	75	-0.112164549	300 P0	1
3.3	2.507	77	-0.112164549	300 P0	1
3.3	2.507	79	-0.112164549	300 P0	1
3.3	2.507	81	-0.112164549	300 P0	1
3.3	2.507	83	-0.112164549	300 P0	1
3.3	2.507	85	-0.112164549	300 P0	1
3.3	2.507	87	-0.112164549	300 P0	1
3.3	2.507	89	-0.112164549	300 P0	1
3.3	2.507	91	-0.112164549	300 P0	1
3.3	2.507	93	-0.112164549	300 P0	1
3.3	2.507	95	-0.112164549	300 P0	1
3.3	2.507	97	-0.112164549	300 P0	1
3.3	2.507	99	-0.112164549	300 P0	1
3.3	2.507	101	-0.112164549	300 P0	1
3.3	2.507	103	-0.112164549	300 P0	1
3.3	2.507	105	-0.112164549	300 P0	1
3.3	2.507	107	-0.112164549	300 P0	1
3.3	2.507	109	-0.112164549	300 P0	1
3.3	2.507	111	-0.112164549	300 P0	1
3.3	2.507	113	-0.112164549	300 P0	1
3.3	2.507	115	-0.112164549	300 P0	1
3.3	2.507	117	-0.112164549	300 P0	1
3.3	2.507	119	-0.112164549	300 P0	1
3.3	2.507	121	-0.112164549	300 P0	1
3.3	2.507	123	-0.112164549	300 P0	1
3.3	2.507	125	-0.112164549	300 P0	1
3.3	2.507	127	-0.112164549	300 P0	1
3.3	2.507	129	-0.112164549	300 P0	1
3.3	2.507	131	-0.112164549	300 P0	1
3.3	2.507	133	-0.112164549	300 P0	1
3.3	2.507	135	-0.112164549	300 P0	1
3.3	2.507	137	-0.112164549	300 P0	1
3.3	2.507	139	-0.112164549	300 P0	1
3.3	2.507	141	-0.112164549	300 P0	1
3.3	2.507	143	-0.112164549	300 P0	1
3.3	2.507	145	-0.112164549	300 P0	1
3.3	2.507	147	-0.112164549	300 P0	1
3.3	2.507	149	-0.112164549	300 P0	1
3.3	2.507	151	-0.112164549	300 P0	1
3.3	2.507	153	-0.112164549	300 P0	1
3.3	2.507	155	-0.112164549	300 P0	1
3.3	2.507	157	-0.112164549	300 P0	1
3.3	2.507	159	-0.112164549	300 P0	1
3.3	2.507	161	-0.112164549	300 P0	1
3.3	2.507	163	-0.112164549	300 P0	1
3.3	2.507	165	-0.112164549	300 P0	1
3.3	2.507	167	-0.112164549	300 P0	1
3.3	2.507	169	-0.112164549	300 P0	1
3.3	2.507	171	-0.112164549	300 P0	1
3.3	2.507	173	-0.112164549	300 P0	1
3.3	2.507	175	-0.112164549	300 P0	1
3.3	2.507	177	-0.112164549	300 P0	1
3.3	2.507	179	-0.112164549	300 P0	1
3.3	2.507	1	0.112164549	300 P0	1
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3.3	2.507	7	0.112164549	300 P0	1

3.3	2.507	9	0.112164549	300 P0	1
3.3	2.507	11	0.112164549	300 P0	1
3.3	2.507	13	0.112164549	300 P0	1
3.3	2.507	15	0.112164549	300 P0	1
3.3	2.507	17	0.112164549	300 P0	1
3.3	2.507	19	0.112164549	300 P0	1
3.3	2.507	21	0.112164549	300 P0	1
3.3	2.507	23	0.112164549	300 P0	1
3.3	2.507	25	0.112164549	300 P0	1
3.3	2.507	27	0.112164549	300 P0	1
3.3	2.507	29	0.112164549	300 P0	1
3.3	2.507	31	0.112164549	300 P0	1
3.3	2.507	33	0.112164549	300 P0	1
3.3	2.507	35	0.112164549	300 P0	1
3.3	2.507	37	0.112164549	300 P0	1
3.3	2.507	39	0.112164549	300 P0	1
3.3	2.507	41	0.112164549	300 P0	1
3.3	2.507	43	0.112164549	300 P0	1
3.3	2.507	45	0.112164549	300 P0	1
3.3	2.507	47	0.112164549	300 P0	1
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3.3	2.507	51	0.112164549	300 P0	1
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3.3	2.507	55	0.112164549	300 P0	1
3.3	2.507	57	0.112164549	300 P0	1
3.3	2.507	59	0.112164549	300 P0	1
3.3	2.507	61	0.112164549	300 P0	1
3.3	2.507	63	0.112164549	300 P0	1
3.3	2.507	65	0.112164549	300 P0	1
3.3	2.507	67	0.112164549	300 P0	1
3.3	2.507	69	0.112164549	300 P0	1
3.3	2.507	71	0.112164549	300 P0	1
3.3	2.507	73	0.112164549	300 P0	1
3.3	2.507	75	0.112164549	300 P0	1
3.3	2.507	77	0.112164549	300 P0	1
3.3	2.507	79	0.112164549	300 P0	1
3.3	2.507	81	0.112164549	300 P0	1
3.3	2.507	83	0.112164549	300 P0	1
3.3	2.507	85	0.112164549	300 P0	1
3.3	2.507	87	0.112164549	300 P0	1
3.3	2.507	89	0.112164549	300 P0	1
3.3	2.507	91	0.112164549	300 P0	1
3.3	2.507	93	0.112164549	300 P0	1
3.3	2.507	95	0.112164549	300 P0	1
3.3	2.507	97	0.112164549	300 P0	1
3.3	2.507	99	0.112164549	300 P0	1
3.3	2.507	101	0.112164549	300 P0	1
3.3	2.507	103	0.112164549	300 P0	1
3.3	2.507	105	0.112164549	300 P0	1
3.3	2.507	107	0.112164549	300 P0	1
3.3	2.507	109	0.112164549	300 P0	1
3.3	2.507	111	0.112164549	300 P0	1
3.3	2.507	113	0.112164549	300 P0	1
3.3	2.507	115	0.112164549	300 P0	1
3.3	2.507	117	0.112164549	300 P0	1
3.3	2.507	119	0.112164549	300 P0	1
3.3	2.507	121	0.112164549	300 P0	1
3.3	2.507	123	0.112164549	300 P0	1

3.3	2.507	125	0.112164549	300 P0	1
3.3	2.507	127	0.112164549	300 P0	1
3.3	2.507	129	0.112164549	300 P0	1
3.3	2.507	131	0.112164549	300 P0	1
3.3	2.507	133	0.112164549	300 P0	1
3.3	2.507	135	0.112164549	300 P0	1
3.3	2.507	137	0.112164549	300 P0	1
3.3	2.507	139	0.112164549	300 P0	1
3.3	2.507	141	0.112164549	300 P0	1
3.3	2.507	143	0.112164549	300 P0	1
3.3	2.507	145	0.112164549	300 P0	1
3.3	2.507	147	0.112164549	300 P0	1
3.3	2.507	149	0.112164549	300 P0	1
3.3	2.507	151	0.112164549	300 P0	1
3.3	2.507	153	0.112164549	300 P0	1
3.3	2.507	155	0.112164549	300 P0	1
3.3	2.507	157	0.112164549	300 P0	1
3.3	2.507	159	0.112164549	300 P0	1
3.3	2.507	161	0.112164549	300 P0	1
3.3	2.507	163	0.112164549	300 P0	1
3.3	2.507	165	0.112164549	300 P0	1
3.3	2.507	167	0.112164549	300 P0	1
3.3	2.507	169	0.112164549	300 P0	1
3.3	2.507	171	0.112164549	300 P0	1
3.3	2.507	173	0.112164549	300 P0	1
3.3	2.507	175	0.112164549	300 P0	1
3.3	2.507	177	0.112164549	300 P0	1
3.3	2.507	179	0.112164549	300 P0	1

permeance-ratio
0.0018
0.001632026
0.000242781
0.000982688
2.00263E-05
4.22851E-05
0
1.35529E-06
0
6.51E-04
8.11E-04
0.00135
0.00156
0.00198
0.00212
0.00245
0.00183
5.58E-06
5.93E-06
6.45E-06
2.33E-06
9.14E-07
6.74E-07
0
0
0
0
0
2.86987E-05
4.46972E-05
4.91275E-05
5.77421E-05
0.001263006
0.001211036
0.001118122
0.000785835
9.66E-04
2.35E-04
1.61E-07
1.80E-04
6.00E-05
3.60E-05
1.80E-05
0.00179
0.00175
0.00185
0.0019
1.43E-04
3.59E-04
5.35E-04
6.71E-04
7.71E-04
8.22E-04
8.55E-04
8.99E-04
9.62E-04
1.05E-03

1.17E-03
1.31E-03
1.46E-03
1.61E-03
1.76E-03
1.88E-03
1.99E-03
2.08E-03
2.14E-03
2.17E-03
2.17E-03
2.16E-03
2.13E-03
2.09E-03
2.04E-03
2.00E-03
1.94E-03
1.89E-03
1.86E-03
1.83E-03
0.0018
1.77E-03
1.75E-03
1.74E-03
1.74E-03
1.76E-03
1.78E-03
1.80E-03
1.82E-03
1.85E-03
1.88E-03
1.90E-03
1.96E-03
2.05E-03
2.13E-03
2.16E-03
2.12E-03
2.02E-03
1.93E-03
1.88E-03
1.86E-03
1.84E-03
1.81E-03
1.78E-03
1.76E-03
1.75E-03
1.76E-03
1.78E-03
1.79E-03
1.82E-03
1.87E-03
1.91E-03
1.94E-03
1.98E-03
2.02E-03
2.07E-03
2.13E-03
2.16E-03

2.18E-03
2.18E-03
2.16E-03
2.13E-03
2.08E-03
1.99E-03
1.87E-03
1.73E-03
1.58E-03
1.43E-03
1.28E-03
1.16E-03
1.04E-03
9.57E-04
8.93E-04
8.51E-04
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