14 C Sample log - Leonie Dransfield							
Date	**Station**	**lat**	**long**	**Depth**	**Sample ID**	**NO PE SA**	**chl a**
8.5.99	**C15**	**-2433.2**	**2933.6**	7	C15 I	1	
				30	C15 II	1	
				63PM	C15 III	1	
				120DCM	C15 IV	1	
9.5.99	**C16**	**-2213.7**	**2549.0**	7	C16 I	1	
				135	C16 II	1	
10.5.99	**C17**	**-1912.7**	**2313.27**	7	C17 I	1	
				140	C17 II	1	
11.5.99	CTD FAILURE						
12.5.99	**C21**	**-1310.26**	**1807.53**	7	C21I	1	
				135	C21 II	1	
13.5.99	**C23**	**-0951.6**	**1523.9**	7	C23 II	1	
				85	C23 II	1	
15.5-17.5.99	ASCESNSIONS						
18.5.99	**C25**	**-0738.5**	**1431.0**	7		2	
				63		2	
19.5.99	CTD FAILURE						
20.5.99	**C28**	**0004.6**	**1642.6**	7		2	
				60		2	
21.5.99	**C30**	**0353.9**	**1753.0**	7		2	
				60		2	
22.5.99	**C32**	**0737.2**	**1859.3**	7		2	
				30		2	
23.5.99	**C34**	**1133.8**	**2009.1**	7		2	
				30		2	
24.5.99	**C36**	**1509.0**	**2100.2**	7		2	
				25		2	
25.5.99	**C37**	**1848.1**	**2100.2**	7		2	
				25		2	
25.5.99 18.00h	**UW219**			7NT		1	
26.5.99 6.00h	**UW225**			7NT		1	
26.5.99	**C39**	**2255.0**	**2100.9**	7		1	
				58		1	
27.5.99	CTD FAILURE						
28.5.99	**C43**	**3028**	**2133.8**	7		2	
				100		2	
29.5.99	**C45**	**3422**	**2047.3**	7		2	
				85		2	
30.5.99	**C47**	**3810.7**	**2000.7**	7		2	
				63		2	
31.5.99	**C49**	**4151**	**2000.7**	7		1	
				45		1	
				75		1	
				95		1	
1.6.99	**C51**	**4556**	**1958.7**	7		1	
				18		1	
				35		1	
				75		1	
2.6.99	**C54**	**4727.2**	**1539.8**	2		1	
				7		1	
				20		1	
				30		1	
3.6.99	**C56**	**4808.9**	**0939.9**	7		1	
				16		1	
				22		1	
				30		1	
4.6.99	**C59**	**4858.9**	**0915.0**	2		1	
				7		1	
				14		1	
				26		1	
5.6.99	**C62**	**4942.1**	**0427.5**	7		1	
				15		1	
				22		1	
				26		1	

Leonie Dransfield

Station			Depth	Pmax	α	Value	β	Value	Ik
C15	-2433.2	2933.6	*7*	*23.67*	*α*	*1.27E-01*	*β*	*-7.85E-03*	*186.378*
	-2433.2	2933.6	30	1.55	α	1.59E-02	β	-6.07E-04	97.60705
	-2433.2	2933.6	*63*	3.41	α	3.72E-02	β	4.63E-03	91.74964
	-2433.2	2933.6	*120*	1.29	α	1.11E-01	β	4.15E-03	11.6268
C16	-2213.7	2549.0	*7*	*16.40*	*α*	*3.29E+00*	*β*	*-1.26E-03*	*4.99239*
	-2213.7	2549.0	135	1.00	α	6.03E-02	β	1.75E-03	16.57179
C17	*-1912.7*	*2313.27*	*7*	*24.81*	*α*	*7.92E-02*	*β*	*4.34E-02*	*313.3923*
	-1912.7	2313.27	140	5.93	α	3.54E-01	β	7.39E-03	16.74557
C21	-1310.26	1807.53	*7*	*32.00*	*α*	*4.76E+00*	*β*	*-9.05E-03*	*6.728343*
	-1310.26	1807.53	135	8.03	α	2.26E-01	β	2.51E-03	35.6183
C23	-0951.6	1523.9	*7*	13.60	α	8.03E-02	β	-9.30E-05	169.3227
	-0951.6	1523.9	*85*	10.98	α	1.08E-01	β	2.34E-02	101.4737
C25	-0738.5	1431.0	*7*	7.00	α	6.72E-03	β	-1.02E-03	1042.442
	-0738.5	1431.0	63	1.94	α	1.91E-02	β	3.31E-03	101.3611
C28	0004.6	1642.6	*7*	7.17	α	2.86E-02	β	5.98E-04	250.2824
	0004.6	1642.6	60	2.59	α	2.90E-02	β	3.33E-03	89.40008
C30	0353.9	1753.0	7	8.15	α	1.78E-02	β	4.56E-03	458.1604
	0353.9	1753.0	60	2.61	α	3.87E-02	β	2.22E-03	67.39739
C32	0737.2	1859.3	7	11.82	α	2.78E-02	β	4.83E-03	425.7788
	0737.2	1859.3	30	1.83	α	2.04E-02	β	2.01E-03	89.94053
C34	1133.8	2009.1	7	7.00	α	2.12E-02	β	-2.35E-04	329.8775
	1133.8	2009.1		5.15	α	2.80E-02	β	3.91E-03	183.7809
C36	*1509.0*	*2100.2*	*7*	*23.10*	*α*	*8.70E-02*	*β*	*-1.46E-04*	*265.6699*
	1509.0	2100.2							
C37	1848.1	2100.2	7	11.87	α	3.37E-02	β	2.09E-01	351.8133
	1848.1	2100.2	25	9.60	α	4.96E-02	β	-4.66E-04	193.5484
UW219			7	4.89	α	2.63E-02			185.9262
UW225			7	1.14	α	1.91E-02	β	-2.15E-04	59.56113
C39	2255.0	2100.9	7	6.74	α	1.53E-02	β	3.79E-03	441.0126
	2255.0	2100.9	58	3.28	α	4.59E-02	β	3.05E-03	71.51588
C43	3028	2133.8	7	9.70	α	2.14E-02	β	6.59E-03	452.7014
	3028	2133.8	100	1.43	α	5.48E-02	β	1.62E-03	26.11303
C45	3422	2047.3	7	5.71	α	1.54E-02	β	6.88E-04	369.6858
	3422	2047.3	85	1.59	α	2.25E-01	β	8.30E-04	7.05969
C47	3810.7	2000.7	7	10.50	α	2.55E-01	β	-3.21E-03	41.11198
	3810.7	2000.7	63	5.08	α	7.18E-02	β	2.66E-03	70.65946
C49	4151	2000.7	7	2.45	α	1.87E-02	β	5.83E-06	130.9163
	4151	2000.7	45	2.23	α	1.38E-02	β	3.88E-03	162.2806
	4151	2000.7	75	1.50	α	2.13E-02	β	-3.24E-05	70.48872
	4151	2000.7	95	0.90	α	9.93E-03	β	1.29E-03	90.73582
C51	4556	1958.7	7	3.80	α	2.78E-02	β	-4.23E-04	136.8383
	4556	1958.7	18	3.84	α	3.79E-02	β	9.96E-04	101.3133
	4556	1958.7	35	5.32	α	2.90E-02	β	3.63E-03	183.6137
	4556	1958.7	75	0.90	α	2.61E-02	β	3.04E-04	34.63574
C54	4727.2	1539.8	2	3.97	α	2.96E-02	β	3.79E-04	133.9056
	4727.2	1539.8	7	2.67	α	1.81E-02	β	-3.47E-05	147.8405
	4727.2	1539.8	20	3.81	α	1.86E-02	β	1.75E-03	205.1342
	4727.2	1539.8	30	2.45	α	3.21E-02			76.27646
C56	4808.9	0939.9	7	1.86	α	8.62E-03	β	9.41E-06	215.6528
	4808.9	0939.9	16	1.72	α	1.11E-02	β	-2.12E-04	154.3986
	4808.9	0939.9	22	1.48	α	7.50E-03	β	1.38E-04	196.6822
	4808.9	0939.9	30	1.55	α	1.31E-02	β	9.40E-04	118.88
C59	4858.9	0915.0	7	6.46	α	4.96E-02	β	1.11E-04	130.241
	4858.9	0915.0	8	2.40	α	2.15E-02	β	-2.34E-04	111.836
	4858.9	0915.0	14	3.05	α	1.66E-02	β	4.21E-05	183.2138
	4858.9	0915.0	26	1.57	α	1.58E-02	β	1.01E-03	99.00422
C61	4942.1	0427.5	7	3.25	α	2.88E-02	β	1.36E-05	112.876
	4942.1	0427.5	15	3.21	α	3.15E-02	β	-3.26E-04	101.9371
	4942.1	0427.5	22	3.34	α	1.90E-02	β	-7.57E-05	175.9747
	4942.1	0427.5	26	4.10	α	3.71E-02	β	-1.39E-04	110.4228

Leonie Dransfield
AMT 8 14 C statistics

Date	Station	Depth	Parameter	Value	StdErr	CV(%)	Dependenc	r2	norm	Pmax obse	Data omitted
8.5.99	**C15**	7	**P**	**2.4E+01**	1.0E+01	4.3E+01	8.2E-01	0.88	14	25-40	*I3*
			a	**1.3E-01**	5.1E-02	4.0E+01	2.8E-01				
			b	**-7.9E-03**	4.2E-03	5.4E+01	8.0E-01				
		30	**P**	**1.5E+00**	4.5E-01	2.9E+01	4.6E-01	0.72	2.3	2.9-3.9	
			a	**1.6E-02**	9.1E-03	5.7E+01	1.9E-01				
			b	**-6.1E-04**	1.5E-04	2.4E+01	3.7E-01				
		63	**P**	**5.0E+00**	9.5E-01	1.9E+01	9.4E-01	0.91	1.088	3.4	*iii5,8*
			a	**3.7E-02**	5.2E-03	1.4E+01	3.9E-01				
			b	**4.6E-03**	2.0E-03	4.4E+01	9.3E-01				
		120	**P**	**1.5E+00**	1.4E-01	9.3E+00	7.4E-01	0.93	0.38	1.35	*iv1,5,6*
			a	**1.1E-01**	2.3E-02	2.0E+01	2.2E-01				
			b	**4.1E-03**	1.2E-03	2.8E+01	7.1E-01				
9.5.99	**C16**	7	**P**	**1.6E+01**	8.1E-01	4.9E+00	5.2E-01	0.64	4.4	17-20	*i9,10,11*
			a	**3.3E+00**	9.5E-01	2.9E+01	2.9E-02				
			b	**-1.3E-03**	7.9E-04	6.3E+01	5.1E-01				
		135	**P**	**1.1E+00**	9.6E-02	8.4E+00	7.6E-01	0.9	0.42	1.2	
			a	**6.0E-02**	1.3E-02	2.2E+01	1.9E-01				
			b	**1.8E-03**	4.7E-04	2.7E+01	7.3E-01				
	C17	7	**P**	**6.8E+01**	2.1E+02	3.2E+02	1.0E+00	0.67	22.3	26	
			a	**7.9E-02**	3.4E-02	4.3E+01	7.6E-01				
			b	**4.3E-02**	2.2E-01	5.0E+02	1.0E+00				
		140	**P**	**6.6E+00**	1.4E+00	2.1E+01	7.2E-01	0.49	6.8	7.1-8	
			a	**3.5E-01**	2.1E-01	5.9E+01	1.7E-01				
			b	**7.4E-03**	5.3E-03	7.2E+01	6.9E-01				
	C21		**P**	**3.2E+01**	2.9E+00	8.9E+00	2.7E-01	0.79	19		
			a	**4.8E+00**	2.1E+00	4.4E+01	6.0E-02				
			b	**-9.1E-03**	1.5E-03	1.6E+01	2.3E-01				
			P	**8.5E+00**	8.4E-01	9.8E+00	7.2E-01	0.81	3.7		
			a	**2.3E-01**	5.1E-02	2.3E+01	2.2E-01				
			b	**2.5E-03**	1.3E-03	5.2E+01	6.8E-01		9--11		
	C23	7	**P**	**1.4E+01**	3.0E+00	2.2E+01	8.3E-01	0.88	5.6	13	
			a	**8.0E-02**	2.1E-02	2.7E+01	3.1E-01				
			b	**-9.3E-05**	2.0E-03	2.2E+03	8.1E-01				
		85	**P**	**1.9E+01**	5.2E+00	2.7E+01	9.7E-01	0.91	0.38	10	
			a	**1.1E-01**	1.3E-02	1.2E+01	4.6E-01				
			b	**2.3E-02**	1.3E-02	5.3E+01	9.7E-01				
	C25	7	**P**	**7.1E+00**	8.6E+00	1.2E+02	9.8E-01	0.91	4.77		
			a	**6.7E-03**	1.8E-03	2.6E+01	7.2E-01				
			b	**-1.0E-03**	1.1E-03	1.1E+02	9.8E-01				
		63	**P**	**3.2E+00**	5.4E-01	1.7E+01	9.6E-01	0.94	0.63	1.9	
			a	**1.9E-02**	1.9E-03	1.0E+01	5.7E-01				
			b	**3.3E-03**	1.1E-03	3.2E+01	9.6E-01				
	C28	7	**P**	**7.9E+00**	1.4E+00	1.8E+01	9.2E-01	0.91	3	9.5	*bad results*
			a	**2.9E-02**	3.8E-03	1.3E+01	3.1E-01				
			b	**6.0E-04**	7.8E-04	1.3E+02	9.1E-01				
		60	**P**	**3.7E+00**	4.9E-01	1.3E+01	9.5E-01	0.92	1.15	2.6-3.1	
			a	**2.9E-02**	3.7E-03	1.3E+01	5.2E-01				
			b	**3.3E-03**	9.2E-04	2.8E+01	9.4E-01				
	C30		**P**	**1.5E+01**	9.0E+00	5.9E+01	1.0E+00	0.9	4		
			a	**1.8E-02**	2.3E-03	1.3E+01	6.8E-01				
			b	**4.6E-03**	5.6E-03	1.2E+02	9.9E-01				
			P	**3.3E+00**	5.6E-01	1.7E+01	9.1E-01	0.72			
			a	**3.9E-02**	9.7E-03	2.5E+01	4.9E-01				
			b	**2.2E-03**	1.0E-03	4.7E+01	8.9E-01				
	C32	7	**P**	**1.9E+01**	1.1E+01	5.5E+01	9.9E-01	0.85	6.4		
			a	**2.8E-02**	4.3E-03	1.6E+01	6.7E-01				
			b	**4.8E-03**	6.3E-03	1.3E+02	9.9E-01				
			P	**2.6E+00**	5.3E-01	2.1E+01	9.3E-01	0.8	1.2		
			a	**2.0E-02**	4.3E-03	2.1E+01	4.9E-01				
			b	**2.0E-03**	9.5E-04	4.7E+01	9.2E-01				
	C34	7	**P**	**7.3E+00**	8.5E-01	1.2E+01	8.9E-01	0.95	3.1	8.5	
			a	**2.1E-02**	2.4E-03	1.1E+01	4.0E-01				
			b	**-2.4E-04**	3.4E-04	1.4E+02	8.8E-01				
			P	**7.9E+00**	1.6E+00	2.0E+01	9.6E-01	0.75	5	6_7	
			a	**2.8E-02**	3.7E-03	1.3E+01	4.3E-01				
			b	**3.9E-03**	1.8E-03	4.5E+01	9.6E-01				
	C36	7	**P**	**2.3E+01**	2.5E+00	1.1E+01	8.6E-01	0.94	9.8	20	**check subsample**
			a	**8.7E-02**	9.9E-03	1.1E+01	3.6E-01				also check where is PE
			b	**-1.5E-04**	1.3E-03	8.8E+02	8.4E-01				
	C37	7	**P**	**2.2E+02**	9.7E+03	4.5E+03	1.0E+00	0.9	4	10	
			a	**3.4E-02**	6.9E-03	2.0E+01	8.9E-01				

			b	**2.1E-01**	1.0E+01	4.8E+03	1.0E+00				
			P	**9.6E+00**	4.5E-01	4.7E+00	8.2E-01	0.99	1.2	10	
			a	**5.0E-02**	2.8E-03	5.6E+00	2.5E-01				
			b	**-4.7E-04**	2.6E-04	5.6E+01	8.0E-01				
UW219	7NT		**P**	**4.9E+00**	4.5E-01	9.2E+00	2.3E-01	0.86	2.3	5	
			a	**2.6E-02**	5.0E-03	1.9E+01	2.3E-01				
UW225	7NT		**P**	**1.1E+00**	1.4E-01	1.3E+01	6.6E-01	0.79	0.7	2.8	
			a	**1.9E-02**	6.0E-03	3.1E+01	2.4E-01				
			b	**-2.2E-04**	1.2E-04	5.4E+01	6.0E-01				
C39		7	**P**	**1.3E+01**	1.0E+01	8.2E+01	1.0E+00	0.91	2.5	6	ii11,ii7
			a	**1.5E-02**	3.4E-03	2.2E+01	7.3E-01				
			b	**3.8E-03**	6.5E-03	1.7E+02	1.0E+00				
		58	**P**	**4.2E+00**	6.4E-01	1.5E+01	9.1E-01	0.84	1.5	3.4	
			a	**4.6E-02**	8.3E-03	1.8E+01	4.0E-01				
			b	**3.1E-03**	1.3E-03	4.4E+01	8.9E-01				
C43		7	**P**	**2.0E+01**	1.2E+01	6.3E+01	1.0E+00	0.91	3.4	8	
			a	**2.1E-02**	2.2E-03	1.0E+01	6.7E-01				
			b	**6.6E-03**	8.2E-03	1.2E+02	1.0E+00				
			P	**1.6E+00**	2.7E-01	1.6E+01	7.3E-01	0.71	1.18	1.5	
			a	**5.5E-02**	2.2E-02	4.0E+01	1.3E-01				
			b	**1.6E-03**	9.1E-04	5.6E+01	7.1E-01				
C45		7	**v**	**6.9E+00**	1.5E+00	2.2E+01	9.6E-01	0.9	3.1	6.5	
			a	**1.5E-02**	2.1E-03	1.4E+01	5.2E-01				
			b	**6.9E-04**	7.8E-04	1.1E+02	9.5E-01				
		85	**P**	**1.6E+00**	1.1E-01	7.0E+00	5.0E-01	0.67	1.3	1.8	
			a	**2.3E-01**	1.2E-01	5.3E+01	2.1E-02				
			b	**8.3E-04**	2.6E-04	3.2E+01	4.9E-01				
C47			**P**	**1.1E+01**	9.5E-01	9.0E+00	1.7E-01	0.85	11.2		
			a	**2.6E-01**	9.6E-02	3.7E+01	8.9E-02				
			b	**-3.2E-03**	2.6E-04	8.0E+00	1.0E-01				
			P	**6.0E+00**	5.1E-01	8.6E+00	8.5E-01	0.88	1.84		
			a	**7.2E-02**	1.2E-02	1.6E+01	3.2E-01				
			b	**2.7E-03**	6.5E-04	2.5E+01	8.4E-01				
C49		7	**P**	**2.5E+00**	3.0E-01	1.2E+01	8.0E-01	0.91	0.88	2.5	
			a	**1.9E-02**	3.3E-03	1.7E+01	2.4E-01				
			b	**5.8E-06**	1.5E-04	2.6E+03	7.8E-01				changed resolution of P
			P	**4.4E+00**	1.8E+00	4.0E+01	9.9E-01	0.91	0.7	2.2	
			a	**1.4E-02**	1.7E-03	1.2E+01	5.4E-01				
			b	**3.9E-03**	2.9E-03	7.6E+01	9.9E-01				back to normal resoluti
			P	**1.5E+00**	1.4E-01	9.5E+00	7.4E-01	0.88	0.6	2.1	
			a	**2.1E-02**	5.1E-03	2.4E+01	2.7E-01				
			b	**-3.2E-05**	9.5E-05	2.9E+02	7.1E-01				"
			P	**1.3E+00**	3.9E-01	2.9E+01	9.3E-01	0.88	0.35		
			a	**9.9E-03**	2.4E-03	2.4E+01	5.5E-01				
			b	**1.3E-03**	7.7E-04	6.0E+01	9.1E-01				
C51		7	**P**	**3.8E+00**	3.0E-01	7.7E+00	7.1E-01	0.96	1.15		
			a	**2.8E-02**	3.8E-03	1.4E+01	2.5E-01				
			b	**-4.2E-04**	1.2E-04	2.7E+01	6.7E-01				
		18	**P**	**4.3E+00**	3.1E-01	7.1E+00	8.8E-01	0.96	0.85	4.1	
			a	**3.8E-02**	3.4E-03	9.0E+00	3.6E-01				
			b	**1.0E-03**	3.8E-04	3.8E+01	8.6E-01				
		35	**P**	**7.9E+00**	8.2E-01	1.0E+01	9.6E-01	0.97	1	5	
			a	**2.9E-02**	1.9E-03	6.7E+00	3.9E-01				
			b	**3.6E-03**	8.7E-04	2.4E+01	9.6E-01				
		75	**P**	**9.6E-01**	1.1E-01	1.1E+01	7.1E-01	0.73	0.45	0.97	
			a	**2.6E-02**	7.6E-03	2.9E+01	1.6E-01				
			b	**3.0E-04**	1.3E-04	4.4E+01	6.9E-01				
C54		2	**P**	**4.2E+00**	3.9E-01	9.3E+00	8.4E-01	0.94	1.05		
			a	**3.0E-02**	3.4E-03	1.2E+01	3.7E-01				
			b	**3.8E-04**	2.4E-04	6.2E+01	8.1E-01				
		7	**P**	**2.7E+00**	1.4E-01	5.1E+00	8.7E-01	0.99	0.36	5	
			a	**1.8E-02**	1.1E-03	5.8E+00	3.6E-01				
			b	**-3.5E-05**	1.1E-04	3.3E+02	8.5E-01				
	20M		**P**	**5.3E+00**	8.4E-01	1.6E+01	9.6E-01	0.92	1.03		
			a	**1.9E-02**	1.9E-03	1.0E+01	2.9E-01				
			b	**1.8E-03**	7.3E-04	4.1E+01	9.6E-01				
		30	**P**	**2.4E+00**	1.5E-01	6.0E+00	8.6E-01	0.97	0.41	2	
			a	**3.2E-02**	2.8E-03	8.9E+00	4.0E-01				
			b	**1.5E-03**	2.5E-04	1.7E+01	8.4E-01				
	56	7	**P**	**1.9E+00**	1.3E-01	6.9E+00	8.5E-01	0.98	0.35	2	
			a	**8.6E-03**	6.9E-04	8.0E+00	3.1E-01				
			b	**9.4E-06**	6.2E-05	6.6E+02	8.3E-01				
			P	**1.7E+00**	5.6E-02	3.2E+00	8.5E-01	0.996	0.14	2.1	
			a	**1.1E-02**	4.5E-04	4.1E+00	3.2E-01				

		b	**-2.1E-04**	3.9E-05	1.8E+01	8.2E-01			
		P	**1.6E+00**	8.4E-02	5.2E+00	9.0E-01	0.99	2.1	1.5 pmax resolution 0.005)
		a	**7.5E-03**	4.2E-04	5.7E+00	2.9E-01			
		b	**1.4E-04**	5.0E-05	3.6E+01	8.9E-01			
	IV	**P**	**2.0E+00**	3.7E-01	1.9E+01	9.0E-01	0.87	0.58	
		a	**1.3E-02**	2.1E-03	1.6E+01	4.1E-01			
		b	**9.4E-04**	4.3E-04	4.6E+01	8.8E-01			
C59	I	**P**	**6.6E+00**	3.1E-01	4.7E+00	8.3E-01	0.95	0.68	
		a	**5.0E-02**	3.8E-03	7.7E+00	4.2E-01			
		b	**1.1E-04**	1.6E-04	1.4E+02	7.9E-01			
	II	**P**	**2.4E+00**	3.7E-01	1.5E+01	8.1E-01	0.85	1	
		a	**2.1E-02**	4.9E-03	2.3E+01	2.8E-01			
		b	**-2.3E-04**	2.9E-04	1.2E+02	7.9E-01			
	III	**P**	**3.1E+00**	3.4E-01	1.1E+01	8.6E-01	0.93	1	
		a	**1.7E-02**	2.4E-03	1.4E+01	2.9E-01			
		b	**4.2E-05**	1.8E-04	4.2E+02	8.5E-01			
	IV	**P**	**2.0E+00**	3.4E-01	1.7E+01	9.0E-01	0.87	0.6	
		a	**1.6E-02**	2.9E-03	1.8E+01	3.8E-01			
		b	**1.0E-03**	4.4E-04	4.4E+01	8.9E-01			
	C61	**P**	**3.3E+00**	1.0E-01	3.1E+00	7.4E-01	0.99	0.42	
		a	**2.9E-02**	1.6E-03	5.4E+00	2.8E-01			
		b	**1.4E-05**	5.7E-05	4.2E+02	7.1E-01			
		P	**3.2E+00**	1.5E-01	4.6E+00	7.9E-01	0.98	0.56	
		a	**3.1E-02**	2.3E-03	7.4E+00	3.1E-01			
		b	**-3.3E-04**	1.2E-04	3.8E+01	7.5E-01			
		P	**3.3E+00**	1.2E-01	3.6E+00	8.4E-01	0.99	0.37	
		a	**1.9E-02**	9.9E-04	5.2E+00	2.4E-01			
		b	**-7.6E-05**	5.7E-05	7.6E+01	8.3E-01			
		P	**4.1E+00**	1.3E-01	3.1E+00	7.4E-01	0.99	0.54	
		a	**3.7E-02**	2.0E-03	5.4E+00	2.3E-01			
		b	**-1.4E-04**	6.7E-05	4.8E+01	7.0E-01			