CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU
362	4635.30	10.500	.035	11.397
363	4636.44	10.549	.035	11.392
364	4637.58	10.581	.035	11.392
365	4638.72	10.556	.035	11.391
366	4639.86	10.597	.035	11.387
367	4641.01	10.480	.035	11.399
368	4642.15	10.558	.035	11.391
369	4643.29	10.596	.035	11.387
370	4644.43	10.489	.035	11.398
371	4645.57	10.501	.035	11.397
372	4646.72	10.442	.035	11.403
373	4647.86	10.410	.035	11.406
374	4649.01	10.458	.035	11.401
375	4650.15	10.471	.035	11.400
376	4651.29	10.475	.035	11.400
377	4652.44	10.468	.035	11.400
378	4653.59	10.472	.035	11.400
379	4654.73	10.457	.035	11.401
380	4655.88	10.429	.035	11.404
381	4657.02	10.466	.035	11.401
382	4658.17	10.430	.035	11.404
383	4659.32	10.488	.035	11.398
384	4660.47	10.457	.035	11.401
385	4661.62	10.490	.035	11.398
386	4662.76	10.482	.035	11.399
387	4663.91	10.471	.035	11.400
388	4665.06	10.437	.035	11.404
389	4666.21	10.445	.035	11.402
390	4667.36	10.472	.035	11.400
391	4668.51	10.439	.035	11.398
392	4669.67	10.366	.035	11.411
393	4670.82	10.333	.035	11.414
394	4671.97	10.423	.035	11.405
395	4673.12	10.379	.035	11.410
396	4674.28	10.341	.035	11.414
397	4675.43	10.422	.035	11.405
398	4676.58	10.275	.035	11.420
399	4677.74	10.133	.034	11.436
400	4678.89	10.056	.034	11.444
401	4680.05	9.923	.034	11.458
402	4681.20	9.797	.034	11.472
403	4682.36	9.684	.033	11.485
404	4683.51	9.500	.033	11.506
405	4684.67	9.390	.033	11.518
406	4685.82	9.279	.033	11.531
407	4686.98	9.215	.033	11.539
408	4688.14	9.223	.033	11.538
409	4689.30	9.291	.033	11.530
410	4690.46	9.386	.033	11.519
411	4691.61	9.573	.033	11.497
412	4692.77	9.625	.033	11.492
413	4693.93	9.746	.034	11.478
414	4695.09	9.846	.034	11.467
415	4696.25	9.937	.034	11.457
416	4697.41	9.995	.034	11.451
417	4698.57	10.122	.034	11.437
418	4699.74	10.204	.034	11.428
419	4700.90	10.213	.034	11.427
420	4702.06	10.186	.034	11.430
421	4703.22	10.293	.034	11.419
422	4704.39	10.353	.035	11.412
423	4705.55	10.478	.035	11.399
424	4706.71	10.463	.035	11.401
425	4707.88	10.552	.035	11.392
426	4709.04	10.562	.035	11.391
427	4710.21	10.564	.035	11.390
428	4711.37	10.553	.035	11.392
429	4712.54	10.586	.035	11.388
430	4713.70	10.488	.035	11.398
431	4714.87	10.474	.035	11.400
432	4716.04	10.468	.035	11.400
433	4717.20	10.475	.035	11.400
434	4718.37	10.473	.035	11.400
435	4719.54	10.502	.035	11.397
436	4720.71	10.457	.035	11.401
437	4721.87	10.538	.035	11.393
438	4723.04	10.532	.035	11.394
439	4724.21	10.541	.035	11.393
440	4725.38	10.472	.035	11.400
441	4726.55	10.486	.035	11.398
442	4727.72	10.486	.035	11.398
443	4728.89	10.383	.035	11.409
444	4730.06	10.390	.035	11.408
445	4731.24	10.417	.035	11.406
446	4732.41	10.410	.035	11.406
447	4733.58	10.429	.035	11.404
448	4734.75	10.463	.035	11.401
449	4735.93	10.533	.035	11.394
450	4737.10	10.425	.035	11.405
451	4738.27	10.370	.035	11.411
452	4739.45	10.424	.035	11.405
453	4740.62	10.379	.035	11.410
454	4741.80	10.458	.035	11.401
455	4742.97	10.534	.035	11.393
456	4744.15	10.534	.035	11.394
457	4745.32	10.460	.035	11.401
458	4746.50	10.466	.035	11.401
459	4747.68	10.445	.035	11.403
460	4748.85	10.369	.034	11.411
461	4750.03	10.356	.034	11.412
462	4751.21	10.343	.034	11.413
463	4752.39	10.246	.034	11.424
464	4753.56	10.205	.034	11.428
465	4754.74	10.259	.034	11.422
466	4755.92	10.245	.034	11.424
467	4757.10	10.246	.034	11.424
468	4758.28	10.299	.034	11.418
469	4759.46	10.316	.034	11.416
470	4760.64	10.476	.035	11.400
471	4761.82	10.404	.035	11.407
472	4763.00	10.383	.034	11.409
473	4764.19	10.400	.035	11.407
474	4765.37	10.431	.035	11.404
475	4766.55	10.366	.034	11.411
476	4767.73	10.372	.034	11.410
477	4768.92	10.334	.034	11.414
478	4770.10	10.407	.035	11.407
479	4771.28	10.448	.035	11.402
480	4772.47	10.425	.035	11.405
481	4773.65	10.397	.034	11.408
482	4774.84	10.346	.034	11.413
483	4776.02	10.357	.034	11.412
484	4777.21	10.238	.034	11.425
485	4778.39	10.166	.034	11.432
486	4779.58	10.201	.034	11.428
487	4780.77	10.169	.034	11.432
488	4781.95	10.163	.034	11.432
489	4783.14	10.242	.034	11.424
490	4784.33	10.183	.034	11.430
491	4785.52	10.267	.034	11.421
492	4786.70	10.233	.034	11.425
493	4787.89	10.301	.034	11.418
494	4789.08	10.392	.034	11.408
495	4790.27	10.368	.034	11.411
496	4791.46	10.362	.034	11.411
497	4792.65	10.389	.034	11.409
498	4793.84	10.377	.034	11.410
499	4795.03	10.432	.035	11.404
500	4796.22	10.498	.035	11.398
501	4797.41	10.499	.035	11.398
502	4798.61	10.538	.035	11.393
503	4799.80	10.424	.034	11.405
504	4800.99	10.391	.034	11.408
505	4802.18	10.311	.034	11.417
506	4803.38	10.300	.034	11.418
507	4804.57	10.259	.034	11.422
508	4805.76	10.298	.034	11.418
509	4806.96	10.296	.034	11.418
510	4808.15	10.301	.034	11.418
511	4809.35	10.428	.034	11.405
512	4810.54	10.296	.034	11.418
513	4811.74	10.279	.034	11.420
514	4812.93	10.261	.034	11.422
515	4814.13	10.267	.034	11.421
516	4815.32	10.246	.034	11.424
517	4816.52	10.237	.034	11.425
518	4817.72	10.319	.034	11.416
519	4818.91	10.178	.034	11.431
520	4820.11	10.250	.034	11.423
521	4821.31	10.190	.034	11.430
522	4822.51	10.175	.034	11.432
523	4823.71	10.205	.034	11.428
524	4824.91	10.282	.034	11.420
525	4826.11	10.259	.034	11.422
526	4827.30	10.357	.034	11.413
527	4828.50	10.365	.034	11.411
528	4829.70	10.296	.034	11.418
529	4830.91	10.257	.034	11.422
530	4832.11	9.855	.033	11.466
531	4833.31	10.235	.034	11.425
532	4834.51	10.198	.034	11.429
533	4835.71	10.102	.034	11.439
534	4836.91	10.129	.034	11.436
535	4838.12	10.049	.034	11.445
536	4839.32	9.969	.034	11.453
537	4840.52	9.915	.034	11.459
538	4841.72	9.855	.033	11.466
539	4842.93	9.824	.033	11.469
540	4844.13	9.830	.033	11.469
541	4845.34	9.814	.033	11.470
542	4846.54	9.796	.033	11.472
543	4847.75	9.648	.033	11.489
544	4848.95	9.746	.033	11.478
545	4850.16	9.517	.033	11.504
546	4851.36	9.529	.033	11.502
547	4852.57	9.411	.033	11.516
548	4853.78	9.294	.032	11.530
549	4854.98	9.233	.032	11.537
550	4856.19	9.019	.032	11.562
551	4857.40	9.063	.032	11.557
552	4858.61	9.187	.032	11.543
553	4859.81	8.704	.031	11.601
554	4861.02	8.711	.031	11.600
555	4862.23	8.547	.031	11.621
556	4863.44	8.518	.031	11.624
557	4864.65	8.544	.031	11.621
558	4865.86	8.618	.031	11.612
559	4867.07	8.739	.031	11.596
560	4868.28	8.943	.032	11.571
561	4869.49	9.079	.032	11.555
562	4870.70	9.187	.032	11.542
563	4871.91	9.291	.032	11.530
564	4873.12	9.438	.033	11.513
565	4874.34	9.494	.033	11.506
566	4875.55	9.579	.033	11.497
567	4876.76	9.552	.033	11.500
568	4877.97	9.601	.033	11.494
569	4879.19	9.745	.033	11.478
570	4880.40	9.743	.033	11.478
571	4881.61	9.838	.033	11.468
572	4882.83	9.917	.033	11.459
573	4884.04	9.992	.033	11.450
574	4885.26	10.014	.034	11.449
575	4886.47	10.052	.034	11.444
576	4887.69	9.995	.034	11.451
577	4888.90	10.027	.034	11.447
578	4890.12	10.114	.034	11.438
579	4891.33	10.007	.034	11.449
580	4892.55	9.894	.033	11.462
581	4893.77	9.947	.033	11.456
582	4894.98	9.995	.034	11.451
583	4896.20	10.100	.034	11.439
584	4897.42	10.137	.034	11.435
585	4898.64	10.122	.034	11.437
586	4899.85	10.193	.034	11.429
587	4901.07	10.163	.034	11.432
588	4902.29	10.069	.034	11.443
589	4903.51	10.001	.034	11.450
590	4904.73	9.981	.034	11.452
591	4905.95	9.946	.033	11.456
592	4907.17	9.969	.034	11.453
593	4908.39	10.001	.034	11.450
594	4909.61	10.041	.034	11.446
595	4910.83	10.120	.034	11.437
596	4912.05	10.209	.034	11.428
597	4913.27	10.165	.034	11.432
598	4914.49	10.174	.034	11.431
599	4915.71	10.136	.034	11.435
600	4916.94	10.130	.034	11.436
601	4918.16	10.056	.034	11.444
602	4919.38	10.104	.034	11.439
603	4920.60	10.114	.034	11.438
604	4921.83	10.103	.034	11.439
605	4923.05	10.070	.034	11.442
606	4924.27	10.022	.034	11.448
607	4925.50	10.181	.034	11.431
608	4926.72	10.150	.034	11.434
609	4927.95	10.125	.034	11.437
610	4929.17	10.068	.034	11.443
611	4930.40	10.032	.034	11.446
612	4931.62	10.058	.034	11.444
613	4932.85	9.994	.034	11.451
614	4934.08	9.975	.034	11.453
615	4935.30	9.987	.034	11.451
616	4936.53	10.008	.034	11.449
617	4937.75	10.019	.034	11.448
618	4938.98	10.079	.034	11.441
619	4940.21	10.256	.034	11.423
620	4941.44	10.100	.034	11.439
621	4942.66	10.111	.034	11.438
622	4943.89	10.031	.034	11.447
623	4945.12	9.998	.034	11.450
624	4946.35	9.927	.033	11.458
625	4947.58	9.902	.033	11.461
626	4948.81	9.889	.033	11.462
627	4950.04	9.932	.033	11.457
628	4951.27	9.991	.034	11.451
629	4952.50	10.029	.034	11.447
630	4953.73	10.077	.034	11.442
631	4954.96	9.996	.034	11.450
632	4956.19	10.013	.034	11.449
633	4957.42	9.979	.033	11.452
634	4958.65	9.998	.033	11.450
635	4959.88	10.014	.034	11.448
636	4961.12	9.958	.033	11.455
637	4962.35	10.015	.034	11.448
638	4963.58	9.973	.033	11.453
639	4964.81	9.939	.033	11.457
640	4966.05	9.922	.033	11.459
641	4967.28	9.824	.033	11.469
642	4968.51	9.861	.033	11.465
643	4969.75	9.796	.033	11.472
644	4970.98	9.852	.033	11.466
645	4972.22	9.761	.033	11.476
646	4973.45	9.776	.033	11.474
647	4974.69	9.731	.033	11.480
648	4975.92	9.706	.033	11.482
649	4977.16	9.699	.033	11.483
650	4978.39	9.707	.033	11.482
651	4979.63	9.697	.033	11.483
652	4980.86	9.696	.033	11.483
653	4982.10	9.684	.033	11.485
654	4983.34	9.688	.033	11.484
655	4984.57	9.701	.033	11.483
656	4985.81	9.704	.033	11.483
657	4987.05	9.695	.033	11.484
658	4988.29	9.629	.033	11.491
659	4989.52	9.596	.033	11.495
660	4990.76	9.574	.033	11.497
661	4992.00	9.515	.033	11.504
662	4993.24	9.595	.033	11.495
663	4994.48	9.567	.033	11.498
664	4995.72	9.643	.033	11.489
665	4996.96	9.656	.033	11.488
666	4998.20	9.683	.033	11.485
667	4999.44	9.627	.033	11.491
668	5000.68	9.655	.033	11.488
669	5001.92	9.629	.033	11.491
670	5003.16	9.638	.033	11.490
671	5004.40	9.724	.033	11.480
672	5005.64	9.704	.033	11.479
673	5006.88	9.643	.033	11.489
674	5008.12	9.644	.033	11.489
675	5009.36	9.614	.033	11.493
676	5010.61	9.546	.033	11.500
677	5011.85	9.553	.033	11.500
678	5013.09	9.577	.033	11.497
679	5014.33	9.517	.033	11.504
680	5015.58	9.576	.033	11.497
681	5016.82	9.524	.033	11.503
682	5018.06	9.603	.033	11.494
683	5019.31	9.610	.033	11.493
684	5020.55	9.589	.033	11.496
685	5021.79	9.539	.033	11.501
686	5023.04	9.562	.033	11.499
687	5024.28	9.491	.033	11.507
688	5025.53	9.484	.033	11.507
689	5026.77	9.484	.033	11.508
690	5028.02	9.450	.033	11.511
691	5029.27	9.582	.033	11.496
692	5030.51	9.489	.033	11.507
693	5031.76	9.492	.033	11.505
694	5033.00	9.491	.033	11.507
695	5034.25	9.376	.032	11.520
696	5035.50	9.403	.032	11.517
697	5036.74	9.365	.032	11.522
698	5037.99	9.441	.033	11.512
699	5039.24	9.402	.032	11.517
700	5040.49	9.407	.033	11.516
701	5041.73	9.366	.032	11.521
702	5042.98	9.364	.032	11.521
703	5044.23	9.376	.032	11.520
704	5045.48	9.298	.032	11.529
705	5046.73	9.335	.032	11.525
706	5047.98	9.339	.032	11.524
707	5049.23	9.336	.032	11.525
708	5050.48	9.392	.032	11.518
709	5051.73	9.301	.032	11.529
710	5052.98	9.330	.032	11.525
711	5054.23	9.356	.032	11.522
712	5055.48	9.345	.032	11.524
713	5056.73	9.303	.032	11.528
714	5057.98	9.336	.032	11.525
715	5059.23	9.349	.032	11.523
716	5060.48	9.369	.032	11.521
717	5061.73	9.268	.032	11.532
718	5062.98	9.323	.032	11.526
719	5064.24	9.275	.032	11.532
720	5065.49	9.283	.032	11.531
721	5066.74	9.307	.032	11.528

CH NO	LAMDA (ANG)	FNU X10**-25 (ECS)	SIGMA	MNU
362	4635.30	10.948	.036	11.352
363	4636.44	10.934	.036	11.353
364	4637.58	11.021	.036	11.344
365	4638.72	11.025	.036	11.344
366	4639.86	11.039	.036	11.343
367	4641.01	11.010	.036	11.346
368	4642.15	10.992	.036	11.352
369	4643.29	11.073	.036	11.344
370	4644.43	11.013	.036	11.345
371	4645.57	10.901	.036	11.356
372	4646.72	10.854	.036	11.361
373	4647.86	10.952	.036	11.351
374	4649.01	10.921	.036	11.354
375	4650.15	10.924	.036	11.354
376	4651.29	10.920	.036	11.355
377	4652.44	11.018	.036	11.345
378	4653.59	11.030	.036	11.344
379	4654.73	11.024	.036	11.344
380	4655.88	10.973	.036	11.349
381	4657.02	10.906	.036	11.356
382	4658.17	11.004	.036	11.346
383	4659.32	11.010	.036	11.346
384	4660.47	11.060	.036	11.341
385	4661.62	11.113	.036	11.335
386	4662.76	10.945	.036	11.352
387	4663.91	10.964	.036	11.350
388	4665.06	10.966	.036	11.350
389	4666.21	10.889	.036	11.358
390	4667.36	10.913	.036	11.355
391	4668.51	10.865	.036	11.360
392	4669.67	10.903	.036	11.356
393	4670.82	10.879	.036	11.359
394	4671.97	10.877	.036	11.359
395	4673.12	10.878	.036	11.359
396	4674.28	10.725	.035	11.374
397	4675.43	10.763	.035	11.370
398	4676.58	10.664	.035	11.380
399	4677.74	10.520	.035	11.395
400	4678.89	10.421	.035	11.405
401	4680.05	10.273	.035	11.421
402	4681.20	10.092	.034	11.440
403	4682.36	9.946	.034	11.456
404	4683.51	9.827	.034	11.469
405	4684.67	9.657	.034	11.488
406	4685.82	9.528	.033	11.503
407	4686.98	9.496	.033	11.506
408	4688.14	9.543	.033	11.501
409	4689.30	9.684	.034	11.484
410	4690.46	9.722	.034	11.481
411	4691.61	9.964	.034	11.454
412	4692.77	10.234	.035	11.425
413	4693.93	10.331	.035	11.415
414	4695.09	10.414	.035	11.406
415	4696.25	10.484	.035	11.399
416	4697.41	10.557	.035	11.391
417	4698.57	10.595	.035	11.387
418	4699.74	10.659	.035	11.381
419	4700.90	10.661	.035	11.380
420	4702.06	10.773	.035	11.369
421	4703.22	10.824	.035	11.364
422	4704.39	10.745	.035	11.372
423	4705.55	10.810	.035	11.365
424	4706.71	10.928	.036	11.354
425	4707.88	10.996	.036	11.347
426	4709.04	10.912	.036	11.355
427	4710.21	10.955	.036	11.351
428	4711.37	10.875	.036	11.359
429	4712.54	10.952	.036	11.351
430	4713.70	10.830	.035	11.363
431	4714.87	10.778	.035	11.368
432	4716.04	10.882	.036	11.358
433	4717.20	10.794	.035	11.367
434	4718.37	10.957	.036	11.351
435	4719.54	11.017	.036	11.345
436	4720.71	11.003	.036	11.346
437	4721.87	11.082	.036	11.338
438	4723.04	11.033	.036	11.343
439	4724.21	11.099	.036	11.337
440	4725.38	10.994	.036	11.347
441	4726.55	10.933	.036	11.353
442	4727.72	10.993	.036	11.347
443	4728.89	10.885	.036	11.358
444	4730.06	10.822	.035	11.364
445	4731.24	10.878	.036	11.359
446	4732.41	10.851	.035	11.361
447	4733.58	10.935	.036	11.353
448	4734.75	10.928	.036	11.354
449	4735.93	10.864	.035	11.360
450	4737.10	10.898	.036	11.357
451	4738.27	10.749	.035	11.372
452	4739.45	10.841	.035	11.363
453	4740.62	10.680	.035	11.379
454	4741.80	10.737	.035	11.373
455	4742.97	10.761	.035	11.370
456	4744.15	10.756	.035	11.371
457	4745.32	10.822	.035	11.364
458	4746.50	10.993	.036	11.347
459	4747.68	10.869	.035	11.359
460	4748.85	10.858	.035	11.360
461	4750.03	10.821	.035	11.364
462	4751.21	10.773	.035	11.369
463	4752.39	10.824	.035	11.364
464	4753.56	10.767	.035	11.370
465	4754.74	10.722	.035	11.374
466	4755.92	10.829	.035	11.364
467	4757.10	10.775	.035	11.369
468	4758.28	10.821	.035	11.364
469	4759.46	10.886	.035	11.358
470	4760.64	10.859	.035	11.361
471	4761.82	10.886	.035	11.358
472	4763.00	10.798	.035	11.367
473	4764.19	10.817	.035	11.365
474	4765.37	10.846	.035	11.362
475	4766.55	10.865	.035	11.360
476	4767.73	10.880	.035	11.359
477	4768.92	10.835	.035	11.363
478	4770.10	10.789	.035	11.368
479	4771.28	10.933	.036	11.353
480	4772.47	10.904	.035	11.356
481	4773.65	10.869	.035	11.359
482	4774.84	10.882	.035	11.358
483	4776.02	10.868	.035	11.360
484	4777.21	10.825	.035	11.364
485	4778.39	10.840	.035	11.362
486	4779.58	10.827	.035	11.364
487	4780.77	10.751	.035	11.371
488	4781.95	10.767	.035	11.370
489	4783.14	10.763	.035	11.370
490	4784.33	10.780	.035	11.368
491	4785.52	10.805	.035	11.366
492	4786.72	10.799	.035	11.366
493	4787.89	10.813	.035	11.365
494	4789.08	10.811	.035	11.365
495	4790.27	10.794	.035	11.367
496	4791.46	10.754	.035	11.371
497	4792.65	10.756	.035	11.372
498	4793.84	10.800	.035	11.366
499	4795.03	10.881	.035	11.358
500	4796.22	10.915	.035	11.355
501	4797.41	11.040	.036	11.343
502	4798.61	10.897	.035	11.357
503	4799.80	10.864	.035	11.360
504	4800.99	10.859	.035	11.360
505	4802.18	10.756	.035	11.371
506	4803.38	10.753	.035	11.371
507	4804.57	10.735	.035	11.373
508	4805.76	10.736	.035	11.373
509	4806.96	10.773	.035	11.369
510	4808.15	10.714	.035	11.375
511	4809.35	10.743	.035	11.372
512	4810.54	10.580	.035	11.389
513	4811.74	10.679	.035	11.379
514	4812.93	10.741	.035	11.372
515	4814.13	10.726	.035	11.374
516	4815.32	10.777	.035	11.369
517	4816.52	10.691	.035	11.377
518	4817.72	10.819	.035	11.365
519	4818.91	10.716	.035	11.375
520	4820.11	10.753	.035	11.371
521	4821.31	10.774	.035	11.369
522	4822.51	10.647	.035	11.382
523	4823.71	10.635	.035	11.383
524	4824.91	10.746	.035	11.372
525	4826.11	10.780	.035	11.369
526	4827.30	10.637	.035	11.383
527	4828.50	10.631	.035	11.384
528	4829.70	10.620	.035	11.385
529	4830.91	10.663	.035	11.381
530	4832.11	10.512	.035	11.396
531	4833.31	10.568	.035	11.390
532	4834.51	10.580	.035	11.389
533	4835.71	10.624	.035	11.384
534	4836.91	10.645	.035	11.382
535	4838.12	10.657	.035	11.381
536	4839.32	10.568	.035	11.390
537	4840.52	10.518	.035	11.395
538	4841.72	10.435	.035	11.404
539	4842.93	10.391	.034	11.408
540	4844.13	10.413	.035	11.406
541	4845.34	10.305	.034	11.417
542	4846.54	10.212	.034	11.427
543	4847.75	10.087	.034	11.441
544	4848.95	9.996	.034	11.450
545	4850.16	9.861	.034	11.465
546	4851.36	9.785	.033	11.474
547	4852.57	9.708	.033	11.482
548	4853.78	9.613	.033	11.493
549	4854.98	9.