

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	12119669	168246502	19082183	799853	200248207
124.m88ksim	7159869	18821175	618845	16708	26616597
126.gcc	38254909	392580317	20480640	2967888	454283754
129.compress	2329480	7587993	542711	72083	10532267
130.li	12719884	48791189	2666261	84475	64261809
132.ijpeg	3514743	102264966	4044994	99189	109923892
134.perl-Jumble	65356281	666166087	18856547	3359637	753738552
134.perl-Primes	223232	3249648	113415	852	3587147
164.gzip	14214427	100403447	15269117	1262238	131149229
175.vpr-Place	4476522	69134084	4163520	6730	77780856
175.vpr-Route	5978511	32273915	3602215	391261	42245902
177.mesa	33656543	199465498	8582688	83322	241788051
179.art	39163108	223995672	65755149	180138843	509052772
181.mcf	1497467	55668725	7458445	2807035	67431672
183.equake	17907875	152963222	6551501	1524953	178974551
188.amp	46428844	45179341	361871	11925312	103895368
197.parser	8983689	154707159	6917024	1364560	171972432
255.vortex	28707827	82371238	8795700	1058946	20933711
300.twolf	6512162	75128437	6275183	49056	87964838

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	6.05	84.02	9.53	0.40
124.m88ksim	26.90	70.71	2.33	0.06
126.gcc	8.42	86.42	4.51	0.65
129.compress	22.12	72.05	5.15	0.68
130.li	19.79	75.93	4.15	0.13
132.ijpeg	3.20	93.03	3.68	0.09
134.perl-Jumble	8.67	88.38	2.50	0.45
134.perl-Primes	6.22	90.59	3.16	0.02
164.gzip	10.84	76.56	11.64	0.96
175.vpr-Place	5.76	88.88	5.35	0.01
175.vpr-Route	14.15	76.40	8.53	0.93
177.mesa	13.92	82.50	3.55	0.03
179.art	7.69	44.00	12.92	35.39
181.mcf	2.22	82.56	11.06	4.16
183.equake	10.01	85.48	3.66	0.85
188.amp	44.69	43.49	0.35	11.48
197.parser	5.22	89.96	4.02	0.79
255.vortex	23.74	68.11	7.27	0.88
300.twolf	7.40	85.41	7.13	0.06

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168246502	19082183	799853	188128538
124.m88ksim	18821175	618845	16708	19456728
126.gcc	392580317	20480640	2967888	416028845
129.compress	7587993	542711	72083	8202787
130.li	48791189	2666261	84475	51541925
132.ijpeg	102264966	4044994	99189	106409149
134.perl-Jumble	666166087	18856547	3359637	688382271
134.perl-Primes	3249648	113415	852	3363915
164.gzip	100403447	15269117	1262238	116934802
175.vpr-Place	69134084	4163520	6730	73304334
175.vpr-Route	32273915	3602215	391261	36267391
177.mesa	199465498	8582688	83322	208131508
179.art	223995672	65755149	180138843	469889664
181.mcf	55668725	7458445	2807035	65934205
183.equake	152963222	6551501	1524953	161039676
188.amp	45179341	361871	11925312	57466524
197.parser	154707159	6917024	1364560	162988743
255.vortex	82371238	8795700	1058946	92225884
300.twolf	75128437	6275183	49056	81452676

	L1 Hits	L2 Hits	Memory Hits
099.go	89.43	10.14	0.43
124.m88ksim	96.73	3.18	0.09
126.gcc	94.36	4.92	0.71
129.compress	92.51	6.62	0.88
130.li	94.66	5.17	0.16
132.ijpeg	96.11	3.80	0.09
134.perl-Jumble	96.77	2.74	0.49
134.perl-Primes	96.60	3.37	0.03
164.gzip	85.86	13.06	1.08
175.vpr-Place	94.31	5.68	0.01
175.vpr-Route	88.99	9.93	1.08
177.mesa	95.84	4.12	0.04
179.art	47.67	13.99	38.34
181.mcf	84.43	11.31	4.26
183.equake	94.98	4.07	0.95
188.amp	78.62	0.63	20.75
197.parser	94.92	4.24	0.84
255.vortex	89.31	9.54	1.15
300.twolf	92.24	7.70	0.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	12119669	168246502	190821830	95982360	467170361
124.m88ksim	7159869	18821175	6188450	2004960	34174454
126.gcc	38254909	392580317	204806400	356146560	991788186
129.compress	2329480	7587993	5427110	8649960	23994543
130.li	12719884	48791189	26662610	10137000	98310683
132.ijpeg	3514743	102264966	40449940	11902680	158132329
134.perl-Jumble	65356281	666166087	188565470	403156440	1323244278
134.perl-Primes	223232	3249648	1134150	102240	4709270
164.gzip	14214427	100403447	152691170	151468560	418777604
175.vpr-Place	4476522	69134084	41635200	807600	116053406
175.vpr-Route	5978511	32273915	36022150	46951320	121225896
177.mesa	33656543	199465498	85826880	9998640	328947561
179.art	39163108	223995672	657551490	21616661160	22537371430
181.mcf	1497467	55668725	74584450	336844200	468594842
183.equake	17907875	152963222	65515010	182994360	419380467
188.amp	46428844	45179341	3618710	1431037440	1526264335
197.parser	8983689	154707159	69170240	163747200	396608288
255.vortex	28707827	82371238	87957000	127073520	326109585
300.twolf	6512162	75128437	62751830	5886720	150279149

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	2.59	36.01	40.85	20.55
124.m88ksim	20.95	55.07	18.11	5.87
126.gcc	3.86	39.58	20.65	35.91
129.compress	9.71	31.62	22.62	36.05
130.li	12.94	49.63	27.12	10.31
132.ijpeg	2.22	64.67	25.58	7.53
134.perl-Jumble	4.94	50.34	14.25	30.47
134.perl-Primes	4.74	69.01	24.08	2.17
164.gzip	3.39	23.98	36.46	36.17
175.vpr-Place	3.86	59.57	35.88	0.70
175.vpr-Route	4.93	26.62	29.71	38.73
177.mesa	10.23	60.64	26.09	3.04
179.art	0.17	0.99	2.92	95.91
181.mcf	0.32	11.88	15.92	71.88
183.equake	4.27	36.47	15.62	43.63
188.amp	3.04	2.96	0.24	93.76
197.parser	2.27	39.01	17.44	41.29
255.vortex	8.80	25.26	26.97	38.97
300.twolf	4.33	49.99	41.76	3.92

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168246502	190821830	95982360	455050692
124.m88ksim	18821175	6188450	2004960	27014585
126.gcc	392580317	204806400	356146560	953533277
129.compress	7587993	5427110	8649960	21665063
130.li	48791189	26662610	10137000	85590799
132.ijpeg	102264966	40449940	11902680	154617586
134.perl-Jumble	666166087	188565470	403156440	125788797
134.perl-Primes	3249648	1134150	102240	4486038
164.gzip	100403447	152691170	151468560	404563177
175.vpr-Place	69134084	41635200	807600	111576884
175.vpr-Route	32273915	36022150	46951320	115247385
177.mesa	199465498	85826880	9998640	295291018
179.art	223995672	657551490	21616661160	22498208322
181.mcf	55668725	74584450	336844200	467097375
183.equake	152963222	65515010	182994360	401472592
188.amp	45179341	3618710	1431037440	1479835491
197.parser	154707159	69170240	163747200	387624599
255.vortex	82371238	87957000	127073520	297401758
300.twolf	75128437	62751830	5886720	143766987

	L1 Hits	L2 Hits	Memory Hits
099.go	36.97	41.93	21.09
124.m88ksim	69.67	22.91	7.42
126.gcc	41.17	21.48	37.35
129.compress	35.02	25.05	39.93
130.li	57.01	31.15	11.84
132.ijpeg	66.14	26.16	7.70
134.perl-Jumble	52.96	14.99	32.05
134.perl-Primes	72.44	25.28	2.28
164.gzip	24.82	37.74	37.44
175.vpr-Place	61.96	37.32	0.72
175.vpr-Route	28.00	31.26	40.74
177.mesa	67.55	29.07	3.39
179.art	1.00	2.92	96.08
181.mcf	11.92	15.97	72.11
183.equake	38.10	16.32	45.58
188.amp	3.05	0.24	96.70
197.parser	39.91	17.84	42.24
255.vortex	27.70	29.58	42.73
300.twolf	52.26	43.65	4.09

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11738437	167775283	19409374	385203	199308297
124.m88ksim	7160350	20094177	628163	4583	27887273
126.gcc	37072339	392400760	21191253	2195966	452860318
129.compress	2318216	7604958	547666	59569	10530409
130.li	12665555	48725012	2702092	44530	64137189
132.jpeg	3509633	102285573	4046413	98738	109940357
134.perl-Jumble	64550398	666771607	18652272	3435201	753409478
134.perl-Primes	227529	3254996	113751	493	3596769
164.gzip	14023104	100276634	15701358	793290	130794386
175.vpr-Place	4471100	69112009	4171244	875	77755228
175.vpr-Route	5908875	32303484	3678839	292670	42183868
177.mesa	33677167	198763788	8649977	83043	241173975
179.art	39131750	223047715	67618153	180129956	509927574
181.mcf	1517117	55751238	7363611	2904739	67536705
183.equake	17891716	153067625	6622323	1457302	179038966
188.amp	46201007	45402700	367086	11919508	103890301
197.parser	8937105	154603860	6991705	1295242	171827912
255.vortex	29520471	81748291	9220773	634706	121124241
300.twolf	6505936	75036266	6292843	12336	87847381

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.89	84.18	9.74	0.19
124.m88ksim	25.68	72.06	2.25	0.02
126.gcc	8.19	86.65	4.68	0.48
129.compress	22.01	72.22	5.20	0.57
130.li	19.75	75.97	4.21	0.07
132.jpeg	3.19	93.04	3.68	0.09
134.perl-Jumble	8.57	88.50	2.48	0.46
134.perl-Primes	6.33	90.50	3.16	0.01
164.gzip	10.72	76.67	12.00	0.61
175.vpr-Place	5.75	88.88	5.36	0.00
175.vpr-Route	14.01	76.58	8.72	0.69
177.mesa	13.96	82.42	3.59	0.03
179.art	7.67	43.74	13.26	35.32
181.mcf	2.25	82.55	10.90	4.30
183.equake	9.99	85.49	3.70	0.81
188.amp	44.47	43.70	0.35	11.47
197.parser	5.20	89.98	4.07	0.75
255.vortex	24.37	67.49	7.61	0.52
300.twolf	7.41	85.42	7.16	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167775283	19409374	385203	187569860
124.m88ksim	20094177	628163	4583	20726923
126.gcc	392400760	21191253	2195966	415787979
129.compress	7604958	547666	59569	8212193
130.li	48725012	2702092	44530	51471634
132.jpeg	102285573	4046413	98738	106430724
134.perl-Jumble	666771607	18652272	3435201	688859080
134.perl-Primes	3254996	113751	493	3369240
164.gzip	100276634	15701358	793290	116771282
175.vpr-Place	69112009	4171244	875	73284128
175.vpr-Route	32303484	3678839	292670	36274993
177.mesa	198763788	8649977	83043	207496808
179.art	223047715	67618153	180129956	470795824
181.mcf	55751238	7363611	2904739	66019588
183.equake	153067625	6622323	1457302	161147250
188.amp	45402700	367086	11919508	57689294
197.parser	154603860	6991705	1295242	162890807
255.vortex	81748291	9220773	634706	91603770
300.twolf	75036266	6292843	12336	81341445

	L1 Hits	L2 Hits	Memory Hits
099.go	89.45	10.35	0.21
124.m88ksim	96.95	3.03	0.02
126.gcc	94.38	5.10	0.53
129.compress	92.61	6.67	0.73
130.li	94.66	5.25	0.09
132.jpeg	96.11	3.80	0.09
134.perl-Jumble	96.79	2.71	0.50
134.perl-Primes	96.61	3.38	0.01
164.gzip	85.87	13.45	0.68
175.vpr-Place	94.31	5.69	0.00
175.vpr-Route	89.05	10.14	0.81
177.mesa	95.79	4.17	0.04
179.art	47.38	14.36	38.26
181.mcf	84.45	11.15	4.40
183.equake	94.99	4.11	0.90
188.amp	78.70	0.64	20.66
197.parser	94.91	4.29	0.80
255.vortex	89.24	10.07	0.69
300.twolf	92.25	7.74	0.02

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11738437	167775283	194093740	46224360	419831820
124.m88ksim	7160350	20094177	6281630	549960	34086117
126.gcc	37072339	392400760	211912530	263515920	904901549
129.compress	2318216	7604958	5476660	7148280	22548114
130.li	12665555	48725012	27020920	5343600	93755087
132.jpeg	3509633	102285573	40464130	11848560	158107896
134.perl-Jumble	64550398	666771607	186522720	412224120	1330068845
134.perl-Primes	227529	3254996	1137510	59160	4679195
164.gzip	14023104	100276634	157013580	95194800	366508118
175.vpr-Place	4471100	69112009	41712440	105000	115400549
175.vpr-Route	5908875	32303484	36788390	35120400	110121149
177.mesa	33677167	198763788	86499770	9965160	328905885
179.art	39131750	223047715	676181530	21615594720	22553955715
181.mcf	1517117	55751238	73636110	348568680	479473145
183.equake	17891716	153067625	66223230	174876240	412058811
188.amp	46201007	45402700	3670860	1430340960	1525615527
197.parser	8937105	154603860	69917050	155429040	388887055
255.vortex	29520471	81748291	92207730	76164720	279641212
300.twolf	6505936	75036266	62928430	1480320	145950952

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	2.80	39.96	46.23	11.01
124.m88ksim	21.01	58.95	18.43	1.61
126.gcc	4.10	43.36	23.42	29.12
129.compress	10.28	33.73	24.29	31.70
130.li	13.51	51.97	28.82	5.70
132.jpeg	2.22	64.69	25.59	7.49
134.perl-Jumble	4.85	50.13	14.02	30.99
134.perl-Primes	4.86	69.56	24.31	1.26
164.gzip	3.83	27.36	42.84	25.97
175.vpr-Place	3.87	59.89	36.15	0.09
175.vpr-Route	5.37	29.33	33.41	31.89
177.mesa	10.24	60.43	26.30	3.03
179.art	0.17	0.99	3.00	95.84
181.mcf	0.32	11.63	15.36	72.70
183.equake	4.34	37.15	16.07	42.44
188.amp	3.03	2.98	0.24	93.76
197.parser	2.30	39.76	17.98	39.97
255.vortex	10.56	29.23	32.97	27.24
300.twolf	4.46	51.41	43.12	1.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167775283	194093740	46224360	408093383
124.m88ksim	20094177	6281630	549960	26925767
126.gcc	392400760	211912530	263515920	867829210
129.compress	7604958	5476660	7148280	20229898
130.li	48725012	27020920	5343600	81089532
132.jpeg	102285573	40464130	11848560	154589263
134.perl-Jumble	666771607	186522720	412224120	1265518447
134.perl-Primes	3254996	1137510	59160	4451666
164.gzip	100276634	157013580	95194800	352485014
175.vpr-Place	69112009	41712440	105000	110929449
175.vpr-Route	32303484	36788390	35120400	104212274
177.mesa	198763788	86499770	9965160	295228718
179.art	223047715	676181530	21615594720	22514823965
181.mcf	55751238	73636110	348568680	477956028
183.equake	153067625	66223230	174876240	394167095
188.amp	45402700	3670860	1430340960	1479414520
197.parser	154603860	69917050	155429040	379949950
255.vortex	81748291	92207730	76164720	250120741
300.twolf	75036266	62928430	1480320	139445016

	L1 Hits	L2 Hits	Memory Hits
099.go	41.11	47.56	11.33
124.m88ksim	74.63	23.33	2.04
126.gcc	45.22	24.42	30.36
129.compress	37.59	27.07	35.34
130.li	60.09	33.32	6.59
132.jpeg	66.16	26.17	7.66
134.perl-Jumble	52.69	14.74	32.57
134.perl-Primes	73.12	25.55	1.33
164.gzip	28.45	44.54	27.01
175.vpr-Place	62.30	37.60	0.09
175.vpr-Route	31.00	35.30	33.70
177.mesa	67.33	29.30	3.38
179.art	0.99	3.00	96.01
181.mcf	11.66	15.41	72.93
183.equake	38.83	16.80	44.37
188.amp	3.07	0.25	96.68
197.parser	40.69	18.40	40.91
255.vortex	32.68	36.87	30.45
300.twolf	53.81	45.13	1.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11711155	168212715	19686819	135517	199746206
124.m88ksim	7151426	20121851	628156	3572	27905005
126.gcc	34994064	391149917	22706196	527327	449377504
129.compress	2300402	7694386	5870590	2852	10584699
130.li	12613988	48724605	2745063	1072	64084728
132.ijpeg	3473130	102261195	4133596	13554	109881475
134.perl-Jumble	63797062	665304186	20815737	1321153	751238138
134.perl-Primes	222514	3259584	111018	447	3593563
164.gzip	13780649	99646932	16351127	116439	129895147
175.vpr-Place	4472255	69117313	4172009	1026	77762603
175.vpr-Route	5769463	32490133	3915818	52495	42227909
177.mesa	35352505	196738022	10129964	82778	242303269
179.art	39134217	220021151	102339424	145419467	506914259
181.mcf	1252272	53377290	8980105	1085829	64695496
183.equake	17896221	153094545	6822963	1255076	179688805
188.amp	46158615	45450732	976083	11310211	103895641
197.parser	8415384	154502085	7776905	498820	171193194
255.vortex	29027884	82047173	9634385	209436	120918878
300.twolf	6497477	75090949	6309431	10419	87908276

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.86	84.21	9.86	0.07
124.m88ksim	25.63	72.11	2.25	0.01
126.gcc	7.79	87.04	5.05	0.12
129.compress	21.73	72.69	5.55	0.03
130.li	19.68	76.03	4.28	0.00
132.ijpeg	3.16	93.07	3.76	0.01
134.perl-Jumble	8.49	88.56	2.77	0.18
134.perl-Primes	6.19	90.71	3.09	0.01
164.gzip	10.61	76.71	12.59	0.09
175.vpr-Place	5.75	88.88	5.37	0.00
175.vpr-Route	13.66	76.94	9.27	0.12
177.mesa	14.59	81.19	4.18	0.03
179.art	7.72	43.40	20.19	28.69
181.mcf	1.94	82.51	13.88	1.68
183.equake	9.99	85.49	3.81	0.70
188.amp	44.43	43.75	0.94	10.89
197.parser	4.92	90.25	4.54	0.29
255.vortex	24.01	67.85	7.97	0.17
300.twolf	7.39	85.42	7.18	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168212715	19686819	135517	188035051
124.m88ksim	20121851	628156	3572	20753579
126.gcc	391149917	22706196	527327	414383440
129.compress	7694386	5870590	2852	8284297
130.li	48724605	2745063	1072	51470740
132.ijpeg	102261195	4133596	13554	106408345
134.perl-Jumble	665304186	20815737	1321153	687441076
134.perl-Primes	3259584	111018	447	3371049
164.gzip	99646932	16351127	116439	116114498
175.vpr-Place	69117313	4172009	1026	73290348
175.vpr-Route	32490133	3915818	52495	36458446
177.mesa	196738022	10129964	82778	206950764
179.art	220021151	102339424	145419467	467780042
181.mcf	53377290	8980105	1085829	63443224
183.equake	153094545	6822963	1255076	161172584
188.amp	45450732	976083	11310211	57737026
197.parser	154502085	7776905	498820	162777810
255.vortex	82047173	9634385	209436	91890994
300.twolf	75090949	6309431	10419	81410799

	L1 Hits	L2 Hits	Memory Hits
099.go	89.46	10.47	0.07
124.m88ksim	96.96	3.03	0.02
126.gcc	94.39	5.48	0.13
129.compress	92.88	7.09	0.03
130.li	94.66	5.33	0.00
132.ijpeg	96.10	3.88	0.01
134.perl-Jumble	96.78	3.03	0.19
134.perl-Primes	96.69	3.29	0.01
164.gzip	85.82	14.08	0.10
175.vpr-Place	94.31	5.69	0.00
175.vpr-Route	89.12	10.74	0.14
177.mesa	95.07	4.89	0.04
179.art	47.04	21.88	31.09
181.mcf	84.13	14.15	1.71
183.equake	94.99	4.23	0.78
188.amp	78.72	1.69	19.59
197.parser	94.92	4.78	0.31
255.vortex	89.29	10.48	0.23
300.twolf	92.24	7.75	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11711155	168212715	196868190	16262040	393054100
124.m88ksim	7151426	20121851	6281560	428640	33983477
126.gcc	34994064	391149917	227061960	63279240	716485181
129.compress	2300402	7694386	5870590	342240	16207618
130.li	12613988	48724605	27450630	128640	88917863
132.ijpeg	3473130	102261195	41335960	1626480	148696765
134.perl-Jumble	63797062	665304186	208157370	158538360	1095796978
134.perl-Primes	222514	3259584	1110180	53640	4645918
164.gzip	13780649	99646932	163511270	13972680	290911531
175.vpr-Place	4472255	69117313	41720090	123120	115432778
175.vpr-Route	5769463	32490133	39158180	6299400	83717176
177.mesa	35352505	196738022	101299640	9933360	343323527
179.art	39134217	220021151	1.023E+09	17450336040	18732885648
181.mcf	1252272	53377290	89801050	130299480	274730092
183.equake	17896221	153094545	68229630	150609120	389829516
188.amp	46158615	45450732	9760830	1357225320	1458595497
197.parser	8415384	154502085	77769050	59858400	300544919
255.vortex	29027884	82047173	96343850	25132320	232551227
300.twolf	6497477	75090949	63094310	1250280	145933016

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	2.98	42.80	50.09	4.14
124.m88ksim	21.04	59.21	18.48	1.26
126.gcc	4.88	54.59	31.69	8.83
129.compress	14.19	47.47	36.22	2.11
130.li	14.19	54.80	30.87	0.14
132.ijpeg	2.34	68.77	27.80	1.09
134.perl-Jumble	5.82	60.71	19.00	14.47
134.perl-Primes	4.79	70.16	23.90	1.15
164.gzip	4.74	34.25	56.21	4.80
175.vpr-Place	3.87	59.88	36.14	0.11
175.vpr-Route	6.89	38.81	46.77	7.52
177.mesa	10.30	57.30	29.51	2.89
179.art	0.21	1.17	5.46	93.15
181.mcf	0.46	19.43	32.69	47.43
183.equake	4.59	39.27	17.50	38.63
188.amp	3.16	3.12	0.67	93.05
197.parser	2.80	51.41	25.88	19.92
255.vortex	12.48	35.28	41.43	10.81
300.twolf	4.45	51.46	43.24	0.86

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168212715	196868190	16262040	381342945
124.m88ksim	20121851	6281560	428640	26832051
126.gcc	391149917	227061960	63279240	681491117
129.compress	7694386	5870590	342240	13907216
130.li	48724605	27450630	128640	76303875
132.ijpeg	102261195	41335960	1626480	145223635
134.perl-Jumble	665304186	208157370	158538360	1031999916
134.perl-Primes	3259584	1110180	53640	4423404
164.gzip	99646932	163511270	13972680	277130882
175.vpr-Place	69117313	41720090	123120	110960523
175.vpr-Route	32490133	39158180	6299400	77947713
177.mesa	196738022	101299640	9933360	307971022
179.art	220021151	1.023E+09	17450336040	18693751431
181.mcf	53377290	89801050	130299480	273477820
183.equake	153094545	68229630	150609120	371933295
188.amp	45450732	9760830	1357225320	1412436882
197.parser	154502085	77769050	59858400	292129535
255.vortex	82047173	96343850	25132320	203523343
300.twolf	75090949	63094310	1250280	139435539

	L1 Hits	L2 Hits	Memory Hits
099.go	44.11	51.62	4.26
124.m88ksim	74.99	23.41	1.60
126.gcc	57.40	33.32	9.29
129.compress	55.33	42.21	2.46
130.li	63.86	35.98	0.17
132.ijpeg	70.42	28.46	1.12
134.perl-Jumble	64.47	20.17	15.36
134.perl-Primes	73.69	25.10	1.21
164.gzip	35.96	59.00	5.04
175.vpr-Place	62.29	37.60	0.11
175.vpr-Route	41.68	50.24	8.08
177.mesa	63.88	32.89	3.23
179.art	1.18	5.47	93.35
181.mcf	19.52	32.84	47.65
183.equake	41.16	18.34	40.49
188.amp	3.22	0.69	96.09
197.parser	52.89	26.62	20.49
255.vortex	40.31	47.34	12.35
300.twolf	53.85	45.25	0.90

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11684005	168191038	19755673	60297	199691013
124.m88ksim	7161425	18785708	626682	3450	26577265
126.gcc	34528728	390794932	22889295	315083	448528038
129.compress	2295134	7685815	587754	1989	10570692
130.li	12592890	48695877	2745723	794	64035284
132.ijpeg	3465551	102243954	4144960	1580	109856045
134.perl-Jumble	64345478	667681979	20820826	1291926	754140209
134.perl-Primes	232173	3262350	114759	407	3609689
164.gzip	13776220	99650028	16362045	108856	129897149
175.vpr-Place	4474205	69130469	4169135	657	77774466
175.vpr-Route	5722201	32560407	3960042	8769	42251419
177.mesa	34940279	197343169	9823826	82701	242189975
179.art	39132665	223103464	67626213	180119635	509981977
181.mcf	1249570	53384755	8980833	1077899	64693057
183.equake	17898189	153142409	6861310	1220696	179122604
188.amp	46153922	45449736	817071	11468338	103889067
197.parser	8419819	154460468	7820566	463136	171163989
255.vortex	28759393	82296836	9733518	105445	120895192
300.twolf	6494499	75108069	6316274	639	87919481

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.85	84.23	9.89	0.03
124.m88ksim	26.95	70.68	2.36	0.01
126.gcc	7.70	87.13	5.10	0.07
129.compress	21.71	72.71	5.56	0.02
130.li	19.67	76.05	4.29	0.00
132.ijpeg	3.15	93.07	3.77	0.00
134.perl-Jumble	8.53	88.54	2.76	0.17
134.perl-Primes	6.43	90.38	3.18	0.01
164.gzip	10.61	76.71	12.60	0.08
175.vpr-Place	5.75	88.89	5.36	0.00
175.vpr-Route	13.54	77.06	9.37	0.02
177.mesa	14.43	81.48	4.06	0.03
179.art	7.67	43.75	13.26	35.32
181.mcf	1.93	82.52	13.88	1.67
183.equake	9.99	85.50	3.83	0.68
188.amp	44.43	43.75	0.79	11.04
197.parser	4.92	90.24	4.57	0.27
255.vortex	23.79	68.07	8.05	0.09
300.twolf	7.39	85.43	7.18	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168191038	19755673	60297	188007008
124.m88ksim	18785708	626682	3450	19415840
126.gcc	390794932	22889295	315083	413999310
129.compress	7685815	587754	1989	8275558
130.li	48695877	2745723	794	51442394
132.ijpeg	102243954	4144960	1580	106390494
134.perl-Jumble	667681979	20820826	1291926	689794731
134.perl-Primes	3262350	114759	407	3377516
164.gzip	99650028	16362045	108856	116120929
175.vpr-Place	69130469	4169135	657	73300261
175.vpr-Route	32560407	3960042	8769	36529218
177.mesa	197343169	9823826	82701	207249696
179.art	223103464	67626213	180119635	470849312
181.mcf	53384755	8980833	1077899	63443487
183.equake	153142409	6861310	1220696	161224415
188.amp	45449736	817071	11468338	57735145
197.parser	154460468	7820566	463136	162744170
255.vortex	82296836	9733518	105445	92135799
300.twolf	75108069	6316274	639	81424982

	L1 Hits	L2 Hits	Memory Hits
099.go	89.46	10.51	0.03
124.m88ksim	96.75	3.23	0.02
126.gcc	94.40	5.53	0.08
129.compress	92.87	7.10	0.02
130.li	94.66	5.34	0.00
132.ijpeg	96.10	3.90	0.00
134.perl-Jumble	96.79	3.02	0.19
134.perl-Primes	96.59	3.40	0.01
164.gzip	85.82	14.09	0.09
175.vpr-Place	94.31	5.69	0.00
175.vpr-Route	89.14	10.84	0.02
177.mesa	95.22	4.74	0.04
179.art	47.38	14.36	38.25
181.mcf	84.15	14.16	1.70
183.equake	94.99	4.26	0.76
188.amp	78.72	1.42	19.86
197.parser	94.91	4.81	0.28
255.vortex	89.32	10.56	0.11
300.twolf	92.24	7.76	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	11684005	168191038	197556730	7235640	384667413
124.m88ksim	7161425	18785708	6266820	414000	32627953
126.gcc	34528728	390794932	228892950	37809960	692026570
129.compress	2295134	7685815	5877540	238680	16097169
130.li	12592890	48695877	27457230	95280	88841277
132.ijpeg	3465551	102243954	41449600	189600	147348705
134.perl-Jumble	64345478	667681979	208208260	155031120	1095266837
134.perl-Primes	232173	3262350	1147590	48840	4690953
164.gzip	13776220	99650028	163620450	13062720	290109418
175.vpr-Place	4474205	69130469	41691350	78840	115374864
175.vpr-Route	5722201	32560407	39600420	1052280	78935306
177.mesa	34940279	197343169	98238260	9924120	340445828
179.art	39132665	223103464	676262130	21614356200	22552854459
181.mcf	1249570	53384755	89808330	129347880	273790535
183.equake	17898189	153142409	68613100	146483520	386137218
188.amp	46153922	45449736	8170710	1376200560	1475974928
197.parser	8419819	154460468	78205660	55576320	296662267
255.vortex	28759393	82296836	97335180	12653400	221044809
300.twolf	6494499	75108069	63162740	76680	144841988

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.04	43.72	51.36	1.88
124.m88ksim	21.95	57.58	19.21	1.27
126.gcc	4.99	56.47	33.08	5.46
129.compress	14.26	47.75	36.51	1.48
130.li	14.17	54.81	30.91	0.11
132.ijpeg	2.35	69.39	28.13	0.13
134.perl-Jumble	5.87	60.96	19.01	14.15
134.perl-Primes	4.95	69.55	24.46	1.04
164.gzip	4.75	34.35	56.40	4.50
175.vpr-Place	3.88	59.92	36.14	0.07
175.vpr-Route	7.25	41.25	50.17	1.33
177.mesa	10.26	57.97	28.86	2.92
179.art	0.17	0.99	3.00	95.84
181.mcf	0.46	19.50	32.80	47.24
183.equake	4.64	39.66	17.77	37.94
188.amp	3.13	3.08	0.55	93.24
197.parser	2.84	52.07	26.36	18.73
255.vortex	13.01	37.23	44.03	5.72
300.twolf	4.48	51.86	43.61	0.05

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168191038	197556730	7235640	372983408
124.m88ksim	18785708	6266820	414000	25466528
126.gcc	390794932	228892950	37809960	657497842
129.compress	7685815	5877540	238680	13802035
130.li	48695877	27457230	95280	76248387
132.ijpeg	102243954	41449600	189600	143883154
134.perl-Jumble	667681979	208208260	155031120	1030921359
134.perl-Primes	3262350	1147590	48840	4458780
164.gzip	99650028	163620450	13062720	276333198
175.vpr-Place	69130469	41691350	78840	110900659
175.vpr-Route	32560407	39600420	1052280	73213107
177.mesa	197343169	98238260	9924120	305505549
179.art	223103464	676262130	21614356200	22513721794
181.mcf	53384755	89808330	129347880	272540965
183.equake	153142409	68613100	146483520	368239029
188.amp	45449736	8170710	1376200560	1429821006
197.parser	154460468	78205660	55576320	288242448
255.vortex	82296836	97335180	12653400	192285416
300.twolf	75108069	63162740	76680	138347489

	L1 Hits	L2 Hits	Memory Hits
099.go	45.09	52.97	1.94
124.m88ksim	73.77	24.61	1.63
126.gcc	59.44	34.81	5.75
129.compress	55.69	42.58	1.73
130.li	63.86	36.01	0.12
132.ijpeg	71.06	28.81	0.13
134.perl-Jumble	64.77	20.20	15.04
134.perl-Primes	73.17	25.74	1.10
164.gzip	36.06	59.21	4.73
175.vpr-Place	62.34	37.59	0.07
175.vpr-Route	44.47	54.09	1.44
177.mesa	64.60	32.16	3.25
179.art	0.99	3.00	96.01
181.mcf	19.59	32.95	47.46
183.equake	41.59	18.63	39.78
188.amp	3.18	0.57	96.25
197.parser	53.59	27.13	19.28
255.vortex	42.80	50.62	6.58
300.twolf	54.29	45.66	0.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9763507	167680494	6177016	642148	184263165
124.m88ksim	6936400	19496149	58570	8014	26499133
126.gcc	32493340	393179268	9690041	2771072	438133721
129.compress	2242380	7602878	436837	71107	10353202
130.li	11467468	49244384	1753250	79687	62544789
132.jpeg	2897550	102100544	2280419	97775	107376288
134.perl-Jumble	55424690	670942856	7520562	3308151	737196259
134.perl-Primes	183467	3338924	15932	769	3539092
164.gzip	13698837	100802495	14457034	1259373	130217739
175.vpr-Place	4255800	69767609	2026900	6928	76057237
175.vpr-Route	5347386	31114160	1591046	362590	38415182
177.mesa	23752409	215712123	85915	82856	239633303
179.art	39163400	224021850	65711640	180136199	509033089
181.mcf	1488962	55308988	7020651	2800856	66619457
183.equake	17306617	154746602	3939268	1520845	177513332
188.amp	45907283	45925895	86785	11910037	103830000
197.parser	8315907	148681711	3499223	1352657	161849498
255.vortex	21752385	94037925	2790051	958682	119539043
300.twolf	6335210	76220052	3836333	47483	86439078

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.30	91.00	3.35	0.35
124.m88ksim	26.18	73.57	0.22	0.03
126.gcc	7.42	89.74	2.21	0.63
129.compress	21.66	73.44	4.22	0.69
130.li	18.33	78.73	2.80	0.13
132.jpeg	2.70	95.09	2.12	0.09
134.perl-Jumble	7.52	91.01	1.02	0.45
134.perl-Primes	5.18	94.34	0.45	0.02
164.gzip	10.52	77.41	11.10	0.97
175.vpr-Place	5.60	91.73	2.66	0.01
175.vpr-Route	13.92	80.99	4.14	0.94
177.mesa	9.91	90.02	0.04	0.03
179.art	7.69	44.01	12.91	35.39
181.mcf	2.24	83.02	10.54	4.20
183.equake	9.75	87.17	2.22	0.86
188.amp	44.21	44.23	0.08	11.47
197.parser	5.14	91.86	2.16	0.84
255.vortex	18.20	78.67	2.33	0.80
300.twolf	7.33	88.18	4.44	0.05

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167680494	6177016	642148	174499658
124.m88ksim	19496149	58570	8014	19562733
126.gcc	393179268	9690041	2771072	405640381
129.compress	7602878	436837	71107	8110822
130.li	49244384	1753250	79687	51077321
132.jpeg	102100544	2280419	97775	104478738
134.perl-Jumble	670942856	7520562	3308151	681771569
134.perl-Primes	3338924	15932	769	3355625
164.gzip	100802495	14457034	1259373	116518902
175.vpr-Place	69767609	2026900	6928	71801437
175.vpr-Route	31114160	1591046	362590	33067796
177.mesa	215712123	85915	82856	215880894
179.art	224021850	65711640	180136199	469869689
181.mcf	55308988	7020651	2800856	65130495
183.equake	154746602	3939268	1520845	160206715
188.amp	45925895	86785	11910037	57922717
197.parser	148681711	3499223	1352657	153533591
255.vortex	94037925	2790051	958682	97786658
300.twolf	76220052	3836333	47483	80103868

	L1 Hits	L2 Hits	Memory Hits
099.go	96.09	3.54	0.37
124.m88ksim	99.66	0.30	0.04
126.gcc	96.93	2.39	0.68
129.compress	93.74	5.39	0.88
130.li	96.41	3.43	0.16
132.jpeg	97.72	2.18	0.09
134.perl-Jumble	98.41	1.10	0.49
134.perl-Primes	99.50	0.47	0.02
164.gzip	86.51	12.41	1.08
175.vpr-Place	97.17	2.82	0.01
175.vpr-Route	94.09	4.81	1.10
177.mesa	99.92	0.04	0.04
179.art	47.68	13.99	38.34
181.mcf	84.92	10.78	4.30
183.equake	96.59	2.46	0.95
188.amp	79.29	0.15	20.56
197.parser	96.84	2.28	0.88
255.vortex	96.17	2.85	0.98
300.twolf	95.15	4.79	0.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9763507	167680494	61770160	77057760	316271921
124.m88ksim	6936400	19496149	585700	961680	27979929
126.gcc	32493340	393179268	96900410	332528640	855101658
129.compress	2242380	7602878	4368370	8532840	22746468
130.li	11467468	49244384	17532500	9562440	87806792
132.jpeg	2897550	102100544	22804190	11733000	139535284
134.perl-Jumble	55424690	670942856	75205620	396978120	1198551286
134.perl-Primes	183467	3338924	159320	92280	3773991
164.gzip	13698837	100802495	144570340	151124760	410196432
175.vpr-Place	4255800	69767609	20269000	831360	95123769
175.vpr-Route	5347386	31114160	15910460	43510800	95882806
177.mesa	23752409	215712123	859150	9942720	250266402
179.art	39163400	224021850	657116400	21616343880	22536645530
181.mcf	1488962	55308988	70206510	336102720	463107180
183.equake	17306617	154746602	39392680	182501400	393947299
188.amp	45907283	45925895	867850	1429204440	1521905468
197.parser	8315907	148681711	34992230	162318840	354308688
255.vortex	21752385	94037925	27900510	115041840	258732660
300.twolf	6335210	76220052	38363330	5697960	126616552

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.09	53.02	19.53	24.36
124.m88ksim	24.79	69.68	2.09	3.44
126.gcc	3.80	45.98	11.33	38.89
129.compress	9.86	33.42	19.20	37.51
130.li	13.06	56.08	19.97	10.89
132.jpeg	2.08	73.17	16.34	8.41
134.perl-Jumble	4.62	55.98	6.27	33.12
134.perl-Primes	4.86	88.47	4.22	2.45
164.gzip	3.34	24.57	35.24	36.84
175.vpr-Place	4.47	73.34	21.31	0.87
175.vpr-Route	5.58	32.45	16.59	45.38
177.mesa	9.49	86.19	0.34	3.97
179.art	0.17	0.99	2.92	95.92
181.mcf	0.32	11.94	15.16	72.58
183.equake	4.39	39.28	10.00	46.33
188.amp	3.02	3.02	0.06	93.91
197.parser	2.35	41.96	9.88	45.81
255.vortex	8.41	36.35	10.78	44.46
300.twolf	5.00	60.20	30.30	4.50

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167680494	61770160	77057760	306508414
124.m88ksim	19496149	585700	961680	21043529
126.gcc	393179268	96900410	332528640	822608318
129.compress	7602878	4368370	8532840	20504088
130.li	49244384	17532500	9562440	76339324
132.jpeg	102100544	22804190	11733000	136637734
134.perl-Jumble	670942856	75205620	396978120	1143126596
134.perl-Primes	3338924	159320	92280	3590524
164.gzip	100802495	144570340	151124760	396497595
175.vpr-Place	69767609	20269000	831360	90867969
175.vpr-Route	31114160	15910460	43510800	90535420
177.mesa	215712123	859150	9942720	226513993
179.art	224021850	657116400	21616343880	22497482130
181.mcf	55308988	70206510	336102720	461618218
183.equake	154746602	39392680	182501400	376640682
188.amp	45925895	867850	1429204440	1475998185
197.parser	148681711	34992230	162318840	345592781
255.vortex	94037925	27900510	115041840	236980275
300.twolf	76220052	38363330	5697960	120281342

	L1 Hits	L2 Hits	Memory Hits
099.go	54.71	20.15	25.14
124.m88ksim	92.65	2.78	4.57
126.gcc	47.80	11.78	40.42
129.compress	37.08	21.30	41.62
130.li	64.51	22.97	12.53
132.jpeg	74.72	16.69	8.59
134.perl-Jumble	58.69	6.58	34.73
134.perl-Primes	92.99	4.44	2.57
164.gzip	25.42	36.46	38.11
175.vpr-Place	76.78	22.31	0.91
175.vpr-Route	34.37	17.57	48.06
177.mesa	95.23	0.38	4.39
179.art	1.00	2.92	96.08
181.mcf	11.98	15.21	72.81
183.equake	41.09	10.46	48.46
188.amp	3.11	0.06	96.83
197.parser	42.97	10.11	46.91
255.vortex	39.68	11.77	48.54
300.twolf	63.37	31.89	4.74

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9442576	167227495	6443765	330207	183444043
124.m88ksim	6926263	20369070	61577	4434	27361344
126.gcc	31531473	392907911	10270453	2156041	436865878
129.compress	2230492	7623003	440940	58374	10352809
130.li	11398495	49231639	1789975	41777	62461886
132.ijpeg	2884509	102116980	2281313	97758	107380560
134.perl-Jumble	54105619	668617051	7403954	3427947	733554571
134.perl-Primes	182594	3336557	16138	460	3535749
164.gzip	13510835	100734062	14908153	791039	129944089
175.vpr-Place	4256182	69765958	2033970	737	76056847
175.vpr-Route	5263688	31115261	1666153	272037	38317139
177.mesa	23244313	215905921	85944	82839	239319017
179.art	39163425	224052470	65715487	180133295	509064677
181.mcf	1503084	55419339	6931986	2898779	66753188
183.equake	17324225	154828263	4003336	1456586	177612410
188.amp	45891164	45855212	78188	11917968	103742532
197.parser	8265317	148605525	3561979	1287821	161720642
255.vortex	21880937	93940625	3108902	640922	119571386
300.twolf	6333576	76186137	3866414	12446	86398573

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.15	91.16	3.51	0.18
124.m88ksim	25.31	74.44	0.23	0.02
126.gcc	7.22	89.94	2.35	0.49
129.compress	21.54	73.63	4.26	0.56
130.li	18.25	78.82	2.87	0.07
132.ijpeg	2.69	95.10	2.12	0.09
134.perl-Jumble	7.38	91.15	1.01	0.47
134.perl-Primes	5.16	94.37	0.46	0.01
164.gzip	10.40	77.52	11.47	0.61
175.vpr-Place	5.60	91.73	2.67	0.00
175.vpr-Route	13.74	81.20	4.35	0.71
177.mesa	9.71	90.22	0.04	0.03
179.art	7.69	44.01	12.91	35.39
181.mcf	2.25	83.02	10.38	4.34
183.equake	9.75	87.17	2.25	0.82
188.amp	44.24	44.20	0.08	11.49
197.parser	5.11	91.89	2.20	0.80
255.vortex	18.30	78.56	2.60	0.54
300.twolf	7.33	88.18	4.48	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167227495	6443765	330207	174001467
124.m88ksim	20369070	61577	4434	20435081
126.gcc	392907911	10270453	2156041	405334405
129.compress	7623003	440940	58374	8122317
130.li	49231639	1789975	41777	51063391
132.ijpeg	102116980	2281313	97758	104496051
134.perl-Jumble	668617051	7403954	3427947	679448952
134.perl-Primes	3336557	16138	460	3353155
164.gzip	100734062	14908153	791039	116433254
175.vpr-Place	69765958	2033970	737	71800665
175.vpr-Route	31115261	1666153	272037	33053451
177.mesa	215905921	85944	82839	216074704
179.art	224052470	65715487	180133295	469901252
181.mcf	55419339	6931986	2898779	65250104
183.equake	154828263	4003336	1456586	160288185
188.amp	45855212	78188	11917968	57851368
197.parser	148605525	3561979	1287821	153455325
255.vortex	93940625	3108902	640922	97690449
300.twolf	76186137	3866414	12446	80064997

	L1 Hits	L2 Hits	Memory Hits
099.go	96.11	3.70	0.19
124.m88ksim	99.68	0.30	0.02
126.gcc	96.93	2.53	0.53
129.compress	93.85	5.43	0.72
130.li	96.41	3.51	0.08
132.ijpeg	97.72	2.18	0.09
134.perl-Jumble	98.41	1.09	0.50
134.perl-Primes	99.51	0.48	0.01
164.gzip	86.52	12.80	0.68
175.vpr-Place	97.17	2.83	0.00
175.vpr-Route	94.14	5.04	0.82
177.mesa	99.92	0.04	0.04
179.art	47.68	13.98	38.33
181.mcf	84.93	10.62	4.44
183.equake	96.59	2.50	0.91
188.amp	79.26	0.14	20.60
197.parser	96.84	2.32	0.84
255.vortex	96.16	3.18	0.66
300.twolf	95.16	4.83	0.02

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9442576	167227495	64437650	39624840	280732561
124.m88ksim	6926263	20369070	615770	532080	28443183
126.gcc	31531473	392907911	102704530	258724920	785868834
129.compress	2230492	7623003	4409400	7004880	21267775
130.li	11398495	49231639	17899750	5013240	83543124
132.ijpeg	2884509	102116980	22813130	11730960	139545579
134.perl-Jumble	54105619	668617051	74039540	411353640	1208115850
134.perl-Primes	182594	3336557	161380	55200	3735731
164.gzip	13510835	100734062	149081530	94924680	358251107
175.vpr-Place	4256182	69765958	20339700	88440	94450280
175.vpr-Route	5263688	31115261	16661530	32644440	85684919
177.mesa	23244313	215905921	859440	9940680	249950354
179.art	39163425	224052470	657154870	21615995400	22536366165
181.mcf	1503084	55419339	69319860	347853480	474095763
183.equake	17324225	154828263	40033360	174790320	386976168
188.amp	45891164	45855212	781880	1430156160	1522684416
197.parser	8265317	148605525	35619790	154538520	347029152
255.vortex	21880937	93940625	31089020	76910640	223821222
300.twolf	6333576	76186137	38664140	1493520	122677373

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.36	59.57	22.95	14.11
124.m88ksim	24.35	71.61	2.16	1.87
126.gcc	4.01	50.00	13.07	32.92
129.compress	10.49	35.84	20.73	32.94
130.li	13.64	58.93	21.43	6.00
132.ijpeg	2.07	73.18	16.35	8.41
134.perl-Jumble	4.48	55.34	6.13	34.05
134.perl-Primes	4.89	89.31	4.32	1.48
164.gzip	3.77	28.12	41.61	26.50
175.vpr-Place	4.51	73.87	21.53	0.09
175.vpr-Route	6.14	36.31	19.45	38.10
177.mesa	9.30	86.38	0.34	3.98
179.art	0.17	0.99	2.92	95.92
181.mcf	0.32	11.69	14.62	73.37
183.equake	4.48	40.01	10.35	45.17
188.amp	3.01	3.01	0.05	93.92
197.parser	2.38	42.82	10.26	44.53
255.vortex	9.78	41.97	13.89	34.36
300.twolf	5.16	62.10	31.52	1.22

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167227495	64437650	39624840	271289985
124.m88ksim	20369070	615770	532080	21516920
126.gcc	392907911	102704530	258724920	754337361
129.compress	7623003	4409400	7004880	19037283
130.li	49231639	17899750	5013240	72144629
132.ijpeg	102116980	22813130	11730960	136661070
134.perl-Jumble	668617051	74039540	411353640	1154010231
134.perl-Primes	3336557	161380	55200	3553137
164.gzip	100734062	149081530	94924680	344740272
175.vpr-Place	69765958	20339700	88440	90194098
175.vpr-Route	31115261	16661530	32644440	80421231
177.mesa	215905921	859440	9940680	226706041
179.art	224052470	657154870	21615995400	22497202740
181.mcf	55419339	69319860	347853480	472592679
183.equake	154828263	40033360	174790320	369651943
188.amp	45855212	781880	1430156160	1476793252
197.parser	148605525	35619790	154538520	338763835
255.vortex	93940625	31089020	76910640	201940285
300.twolf	76186137	38664140	1493520	116343797

	L1 Hits	L2 Hits	Memory Hits
099.go	61.64	23.75	14.61
124.m88ksim	94.67	2.86	2.47
126.gcc	52.09	13.62	34.30
129.compress	40.04	23.16	36.80
130.li	68.24	24.81	6.95
132.ijpeg	74.72	16.69	8.58
134.perl-Jumble	57.94	6.42	35.65
134.perl-Primes	93.90	4.54	1.55
164.gzip	29.22	43.24	27.54
175.vpr-Place	77.35	22.55	0.10
175.vpr-Route	38.69	20.72	40.59
177.mesa	95.24	0.38	4.38
179.art	1.00	2.92	96.08
181.mcf	11.73	14.67	73.61
183.equake	41.88	10.83	47.29
188.amp	3.11	0.05	96.84
197.parser	43.87	10.51	45.62
255.vortex	46.52	15.40	38.09
300.twolf	65.48	33.23	1.28

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9408176	167537375	6677140	106796	183729487
124.m88ksim	6923519	19036215	62244	3559	26025537
126.gcc	29348449	391510800	11822536	496168	433177953
129.compress	2209005	7715893	479714	2947	10407559
130.li	11340984	49229089	1828696	777	62399546
132.ijpeg	2850896	102127961	2365526	12944	107357327
134.perl-Jumble	53970777	668964103	9522076	1297081	733754037
134.perl-Primes	185015	3345945	16296	426	3547682
164.gzip	13293076	100109695	15548493	116127	129067391
175.vpr-Place	4255982	69752514	2032277	1307	76042080
175.vpr-Route	5114414	31251492	1881409	47055	38294370
177.mesa	22901462	215755457	86052	82709	238825680
179.art	39167820	221206676	100620408	145227489	506222393
181.mcf	1235962	53189746	8462476	1085247	63973431
183.equake	17601754	154895735	4205598	1254100	177957187
188.amp	45861208	45956074	688941	11309036	103815259
197.parser	7715095	148495638	4350949	495021	161056703
255.vortex	21056369	94544198	3533083	207188	119340838
300.twolf	6324759	76197151	3870797	10180	86402887

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.12	91.19	3.63	0.06
124.m88ksim	26.60	73.14	0.24	0.01
126.gcc	6.78	90.38	2.73	0.11
129.compress	21.23	74.14	4.61	0.03
130.li	18.17	78.89	2.93	0.00
132.ijpeg	2.66	95.13	2.20	0.01
134.perl-Jumble	7.36	91.17	1.30	0.18
134.perl-Primes	5.22	94.31	0.46	0.01
164.gzip	10.30	77.56	12.05	0.09
175.vpr-Place	5.60	91.73	2.67	0.00
175.vpr-Route	13.36	81.61	4.91	0.12
177.mesa	9.59	90.34	0.04	0.03
179.art	7.74	43.70	19.88	28.69
181.mcf	1.93	83.14	13.23	1.70
183.equake	9.89	87.04	2.36	0.70
188.amp	44.18	44.27	0.66	10.89
197.parser	4.79	92.20	2.70	0.31
255.vortex	17.64	79.22	2.96	0.17
300.twolf	7.32	88.19	4.48	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167537375	6677140	106796	174321311
124.m88ksim	19036215	62244	3559	19102018
126.gcc	391510800	11822536	496168	403829504
129.compress	7715893	479714	2947	8198554
130.li	49229089	1828696	777	51058562
132.ijpeg	102127961	2365526	12944	104506431
134.perl-Jumble	668964103	9522076	1297081	679783260
134.perl-Primes	3345945	16296	426	3362667
164.gzip	100109695	15548493	116127	115774315
175.vpr-Place	69752514	2032277	1307	71786098
175.vpr-Route	31251492	1881409	47055	33179956
177.mesa	215755457	86052	82709	215924218
179.art	221206676	100620408	145227489	467054573
181.mcf	53189746	8462476	1085247	62737469
183.equake	154895735	4205598	1254100	160355433
188.amp	45956074	688941	11309036	57954051
197.parser	148495638	4350949	495021	153341608
255.vortex	94544198	3533083	207188	98284469
300.twolf	76197151	3870797	10180	80078128

	L1 Hits	L2 Hits	Memory Hits
099.go	96.11	3.83	0.06
124.m88ksim	99.66	0.33	0.02
126.gcc	96.95	2.93	0.12
129.compress	94.11	5.85	0.04
130.li	96.42	3.58	0.00
132.ijpeg	97.72	2.26	0.01
134.perl-Jumble	98.41	1.40	0.19
134.perl-Primes	99.50	0.48	0.01
164.gzip	86.47	13.43	0.10
175.vpr-Place	97.17	2.83	0.00
175.vpr-Route	94.19	5.67	0.14
177.mesa	99.92	0.04	0.04
179.art	47.36	21.54	31.09
181.mcf	84.78	13.49	1.73
183.equake	96.60	2.62	0.78
188.amp	79.30	1.19	19.51
197.parser	96.84	2.84	0.32
255.vortex	96.19	3.59	0.21
300.twolf	95.15	4.83	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9408176	167537375	66771400	12815520	256532471
124.m88ksim	6923519	19036215	622440	427080	27009254
126.gcc	29348449	391510800	118225360	59540160	598624769
129.compress	2209005	7715893	4797140	353640	15075678
130.li	11340984	49229089	18286960	93240	78950273
132.ijpeg	2850896	102127961	23655260	1553280	130187397
134.perl-Jumble	53970777	668964103	95220760	155649720	973805360
134.perl-Primes	185015	3345945	162960	51120	3745040
164.gzip	13293076	100109695	155484930	13935240	282822941
175.vpr-Place	4255982	69752514	20322770	156840	94488106
175.vpr-Route	5114414	31251492	18814090	5646600	60826596
177.mesa	22901462	215755457	860520	9925080	249442519
179.art	39167820	221206676	1.006E+09	17427298680	18693877256
181.mcf	1235962	53189746	84624760	130229640	269280108
183.equake	17601754	154895735	42055980	150492000	365045469
188.amp	45861208	45956074	6889410	1357084320	1455791012
197.parser	7715095	148495638	43509490	59402520	259122743
255.vortex	21056369	94544198	35330830	24862560	175793957
300.twolf	6324759	76197151	38707970	1221600	122451480

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.67	65.31	26.03	5.00
124.m88ksim	25.63	70.48	2.30	1.58
126.gcc	4.90	65.40	19.75	9.95
129.compress	14.65	51.18	31.82	2.35
130.li	14.36	62.35	23.16	0.12
132.ijpeg	2.19	78.45	18.17	1.19
134.perl-Jumble	5.54	68.70	9.78	15.98
134.perl-Primes	4.94	89.34	4.35	1.37
164.gzip	4.70	35.40	54.98	4.93
175.vpr-Place	4.50	73.82	21.51	0.17
175.vpr-Route	8.41	51.38	30.93	9.28
177.mesa	9.18	86.50	0.34	3.98
179.art	0.21	1.18	5.38	93.22
181.mcf	0.46	19.75	31.43	48.36
183.equake	4.82	42.43	11.52	41.23
188.amp	3.15	3.16	0.47	93.22
197.parser	2.98	57.31	16.79	22.92
255.vortex	11.98	53.78	20.10	14.14
300.twolf	5.17	62.23	31.61	1.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167537375	66771400	12815520	247124295
124.m88ksim	19036215	622440	427080	200857320
126.gcc	391510800	118225360	59540160	569276350
129.compress	7715893	4797140	353640	12866673
130.li	49229089	18286960	93240	67609289
132.ijpeg	102127961	23655260	1553280	127336501
134.perl-Jumble	668964103	95220760	155649720	919834583
134.perl-Primes	3345945	162960	51120	3560025
164.gzip	100109695	155484930	13935240	269529865
175.vpr-Place	69752514	20322770	156840	90232124
175.vpr-Route	31251492	18814090	5646600	55712182
177.mesa	215755457	860520	9925080	226541057
179.art	221206676	1.006E+09	17427298680	18654709436
181.mcf	53189746	84624760	130229640	268044146
183.equake	154895735	42055980	150492000	347443715
188.amp	45956074	6889410	1357084320	1409929804
197.parser	148495638	43509490	59402520	251407648
255.vortex	94544198	35330830	24862560	154737588
300.twolf	76197151	38707970	1221600	116126721

	L1 Hits	L2 Hits	Memory Hits
099.go	67.79	27.02	5.19
124.m88ksim	94.77	3.10	2.13
126.gcc	68.77	20.77	10.46
129.compress	59.97	37.28	2.75
130.li	72.81	27.05	0.14
132.ijpeg	80.20	18.58	1.22
134.perl-Jumble	72.73	10.35	16.92
134.perl-Primes	93.99	4.58	1.44
164.gzip	37.14	57.69	5.17
175.vpr-Place	77.30	22.52	0.17
175.vpr-Route	56.09	33.77	10.14
177.mesa	95.24	0.38	4.38
179.art	1.19	5.39	93.42
181.mcf	19.84	31.57	48.59
183.equake	44.58	12.10	43.31
188.amp	3.26	0.49	96.25
197.parser	59.07	17.31	23.63
255.vortex	61.10	22.83	16.07
300.twolf	65.62	33.33	1.05

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9371776	167444344	6737707	42813	183596640
124.m8ksim	6925635	20364550	62855	3435	27356475
126.gcc	28897992	391287956	11996367	293426	432475741
129.compress	2206683	7702207	480215	1949	10391054
130.li	11397034	49091344	1830555	570	62319503
132.ijpeg	2828424	102120570	2377165	1402	107327561
134.perl-Jumble	54714551	667805876	9470707	1286895	733278029
134.perl-Primes	187044	3345391	16335	393	3549163
164.gzip	13275041	100086128	15559075	108750	129028994
175.vpr-Place	4258436	69772238	2031751	555	76062980
175.vpr-Route	5064734	31307513	1920053	6879	38299179
177.mesa	23183601	214667653	86100	82655	238020009
179.art	39162792	224066177	65726527	180122441	509077937
181.mcf	1235953	53173192	8476518	1077657	63963320
183.quake	17416308	154976438	4242302	1220255	177855303
188.amp	45844591	45939531	529338	11465680	103779140
197.parser	7696560	148459477	4384709	460424	161001170
255.vortex	20730800	94713805	3633372	104173	119182150
300.twolf	6320456	76212465	3883407	615	86416943

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.10	91.20	3.67	0.02
124.m8ksim	25.32	74.44	0.23	0.01
126.gcc	6.68	90.48	2.77	0.07
129.compress	21.24	74.12	4.62	0.02
130.li	18.29	78.77	2.94	0.00
132.ijpeg	2.64	95.15	2.21	0.00
134.perl-Jumble	7.46	91.07	1.29	0.18
134.perl-Primes	5.27	94.26	0.46	0.01
164.gzip	10.29	77.57	12.06	0.08
175.vpr-Place	5.60	91.73	2.67	0.00
175.vpr-Route	13.22	81.74	5.01	0.02
177.mesa	9.74	90.19	0.04	0.03
179.art	7.69	44.01	12.91	35.38
181.mcf	1.93	83.13	13.25	1.68
183.quake	9.79	87.14	2.39	0.69
188.amp	44.18	44.27	0.51	11.05
197.parser	4.78	92.21	2.72	0.29
255.vortex	17.39	79.47	3.05	0.09
300.twolf	7.31	88.19	4.49	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167444344	6737707	42813	174224864
124.m8ksim	20364550	62855	3435	20430840
126.gcc	391287956	11996367	293426	403577749
129.compress	7702207	480215	1949	8184371
130.li	49091344	1830555	570	50922469
132.ijpeg	102120570	2377165	1402	104499137
134.perl-Jumble	667805876	9470707	1286895	678563478
134.perl-Primes	3345391	16335	393	3362119
164.gzip	100086128	15559075	108750	115753953
175.vpr-Place	69772238	2031751	555	71804544
175.vpr-Route	31307513	1920053	6879	33234445
177.mesa	214667653	86100	82655	214836408
179.art	224066177	65726527	180122441	469915145
181.mcf	53173192	8476518	1077657	62727367
183.quake	154976438	4242302	1220255	160438995
188.amp	45939531	529338	11465680	57934549
197.parser	148459477	4384709	460424	153304610
255.vortex	94713805	3633372	104173	98451350
300.twolf	76212465	3883407	615	80096487

	L1 Hits	L2 Hits	Memory Hits
099.go	96.11	3.87	0.02
124.m8ksim	99.68	0.31	0.02
126.gcc	96.95	2.97	0.07
129.compress	94.11	5.87	0.02
130.li	96.40	3.59	0.00
132.ijpeg	97.72	2.27	0.00
134.perl-Jumble	98.41	1.40	0.19
134.perl-Primes	99.50	0.49	0.01
164.gzip	86.46	13.44	0.09
175.vpr-Place	97.17	2.83	0.00
175.vpr-Route	94.20	5.78	0.02
177.mesa	99.92	0.04	0.04
179.art	47.68	13.99	38.33
181.mcf	84.77	13.51	1.72
183.quake	96.60	2.64	0.76
188.amp	79.30	0.91	19.79
197.parser	96.84	2.86	0.30
255.vortex	96.20	3.69	0.11
300.twolf	95.15	4.85	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9371776	167444344	6737707	5137560	249330750
124.m8ksim	6925635	20364550	62855	412200	28330935
126.gcc	28897992	391287956	11996367	35211120	575360738
129.compress	2206683	7702207	480215	233880	14944920
130.li	11397034	49091344	1830555	68400	78862328
132.ijpeg	2828424	102120570	2377165	168240	128888884
134.perl-Jumble	54714551	667805876	9470707	154427400	971654897
134.perl-Primes	187044	3345391	163350	47160	3742945
164.gzip	13275041	100086128	15559075	13050000	282001919
175.vpr-Place	4258436	69772238	2031751	66600	94414784
175.vpr-Route	5064734	31307513	1920053	825480	56398257
177.mesa	23183601	214667653	861000	9918600	248630854
179.art	39162792	224066177	65726527	21614692920	22535187159
181.mcf	1235953	53173192	84765180	129318840	268493165
183.quake	17416308	154976438	42423020	146430600	361246366
188.amp	45844591	45939531	5293380	1375881600	1472959102
197.parser	7696560	148459477	43847090	55250880	255254007
255.vortex	20730800	94713805	36333720	12500760	164279085
300.twolf	6320456	76212465	38834070	73800	121440791

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.76	67.16	27.02	2.06
124.m8ksim	24.45	71.88	2.22	1.45
126.gcc	5.02	68.01	20.85	6.12
129.compress	14.77	51.54	32.13	1.56
130.li	14.45	62.25	23.21	0.09
132.ijpeg	2.19	79.23	18.44	0.13
134.perl-Jumble	5.63	68.73	9.75	15.89
134.perl-Primes	5.00	89.38	4.36	1.26
164.gzip	4.71	35.49	55.17	4.63
175.vpr-Place	4.51	73.90	21.52	0.07
175.vpr-Route	8.98	55.51	34.04	1.46
177.mesa	9.32	86.34	0.35	3.99
179.art	0.17	0.99	2.92	95.92
181.mcf	0.46	19.80	31.57	48.16
183.quake	4.82	42.90	11.74	40.53
188.amp	3.11	3.12	0.36	93.41
197.parser	3.02	58.16	17.18	21.65
255.vortex	12.62	57.65	22.12	7.61
300.twolf	5.20	62.76	31.98	0.06

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	167444344	6737707	5137560	239958974
124.m8ksim	20364550	62855	412200	21405300
126.gcc	391287956	11996367	35211120	546462746
129.compress	7702207	480215	233880	12738237
130.li	49091344	1830555	68400	67465294
132.ijpeg	102120570	2377165	168240	126060460
134.perl-Jumble	667805876	9470707	154427400	916940346
134.perl-Primes	3345391	163350	47160	3555901
164.gzip	100086128	15559075	13050000	268726878
175.vpr-Place	69772238	2031751	66600	90156348
175.vpr-Route	31307513	1920053	825480	51333523
177.mesa	214667653	861000	9918600	225447253
179.art	224066177	65726527	21614692920	22496024367
181.mcf	53173192	84765180	129318840	267257212
183.quake	154976438	42423020	146430600	343830058
188.amp	45939531	5293380	1375881600	1427114511
197.parser	148459477	43847090	55250880	247557447
255.vortex	94713805	36333720	12500760	143548285
300.twolf	76212465	38834070	73800	115120335

	L1 Hits	L2 Hits	Memory Hits
099.go	69.78	28.08	2.14
124.m8ksim	95.14	2.94	1.93
126.gcc	71.60	21.95	6.44
129.compress	60.47	37.70	1.84
130.li	72.77	27.13	0.10
132.ijpeg	81.01	18.86	0.13
134.perl-Jumble	72.83	10.33	16.84
134.perl-Primes	94.08	4.59	1.33
164.gzip	37.24	57.90	4.86
175.vpr-Place	77.39	22.54	0.07
175.vpr-Route	60.99	37.40	1.61
177.mesa	95.22	0.38	4.40
179.art	1.00	2.92	96.08
181.mcf	19.90	31.72	48.39
183.quake	45.07	12.34	42.59
188.amp	3.22	0.37	96.41
197.parser	59.97	17.71	22.32
255.vortex	65.98	25.31	8.71
300.twolf	66.20	33.73	0.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9387253	168645846	3617383	572550	182223032
124.m88ksim	6946929	20364968	122052	12133	27446082
126.gcc	31079328	394276071	6745670	2471934	434573003
129.compress	2087020	7548149	261936	73556	9970661
130.li	10966518	49070610	1485891	76904	61599923
132.ijpeg	2691250	103652550	684588	97240	107125628
134.perl-Jumble	55633590	666333889	7411918	3320372	732699769
134.perl-Primes	187798	3315245	46495	661	3550199
164.gzip	11535708	108305003	7997031	1192930	129030672
175.vpr-Place	3906881	68628460	823015	3085	73361441
175.vpr-Route	5206769	31488541	1466115	340252	38501677
177.mesa	33974196	199257426	8465175	83617	241780414
179.art	39129488	223896826	66092525	180148912	509267751
181.mcf	1451480	56640989	3607371	2754747	64454587
183.earthquake	17368203	155985286	2629839	1531998	177515326
188.amp	45907167	45876408	52236	11901519	103737330
197.parser	7988659	149295176	2946438	1353589	161583862
255.vortex	19820730	97413713	1547600	952782	119734825
300.twolf	6173651	78670898	1765934	42361	86652844

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.15	92.55	1.99	0.31
124.m88ksim	25.31	74.20	0.44	0.04
126.gcc	7.15	90.73	1.55	0.57
129.compress	20.93	75.70	2.63	0.74
130.li	17.80	79.66	2.41	0.12
132.ijpeg	2.51	96.76	0.64	0.09
134.perl-Jumble	7.59	90.94	1.01	0.45
134.perl-Primes	5.29	93.38	1.31	0.02
164.gzip	8.94	83.94	6.20	0.92
175.vpr-Place	5.33	93.55	1.12	0.00
175.vpr-Route	13.52	81.78	3.81	0.88
177.mesa	14.05	82.41	3.50	0.03
179.art	7.68	43.96	12.98	35.37
181.mcf	2.25	87.88	5.60	4.27
183.earthquake	9.78	87.87	1.48	0.86
188.amp	44.25	44.22	0.05	11.47
197.parser	4.94	92.39	1.82	0.84
255.vortex	16.55	81.36	1.29	0.80
300.twolf	7.12	90.79	2.04	0.05

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168645846	3617383	572550	172835779
124.m88ksim	20364968	122052	12133	20499153
126.gcc	394276071	6745670	2471934	403493675
129.compress	7548149	261936	73556	7883641
130.li	49070610	1485891	76904	50633405
132.ijpeg	103652550	684588	97240	104434378
134.perl-Jumble	666333889	7411918	3320372	677066179
134.perl-Primes	3315245	46495	661	3362401
164.gzip	108305003	7997031	1192930	117494964
175.vpr-Place	68628460	823015	3085	69454560
175.vpr-Route	31488541	1466115	340252	33294908
177.mesa	199257426	8465175	83617	207806218
179.art	223896826	66092525	180148912	470138263
181.mcf	56640989	3607371	2754747	63003107
183.earthquake	155985286	2629839	1531998	160147123
188.amp	45876408	52236	11901519	57830163
197.parser	149295176	2946438	1353589	153595203
255.vortex	97413713	1547600	952782	99914095
300.twolf	78670898	1765934	42361	80479193

	L1 Hits	L2 Hits	Memory Hits
099.go	97.58	2.09	0.33
124.m88ksim	99.35	0.60	0.06
126.gcc	97.72	1.67	0.61
129.compress	95.74	3.32	0.93
130.li	96.91	2.93	0.15
132.ijpeg	99.25	0.66	0.09
134.perl-Jumble	98.41	1.09	0.49
134.perl-Primes	98.60	1.38	0.02
164.gzip	92.18	6.81	1.02
175.vpr-Place	98.81	1.18	0.00
175.vpr-Route	94.57	4.40	1.02
177.mesa	95.89	4.07	0.04
179.art	47.62	14.06	38.32
181.mcf	89.90	5.73	4.37
183.earthquake	97.40	1.64	0.96
188.amp	79.33	0.09	20.58
197.parser	97.20	1.92	0.88
255.vortex	97.50	1.55	0.95
300.twolf	97.75	2.19	0.05

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	9387253	168645846	36173830	68706000	282912929
124.m88ksim	6946929	20364968	1220520	1455960	29988377
126.gcc	31079328	394276071	67456700	296632080	789444179
129.compress	2087020	7548149	2619360	8826720	21081249
130.li	10966518	49070610	14858910	9228480	84124518
132.ijpeg	2691250	103652550	6845880	11668800	124858480
134.perl-Jumble	55633590	666333889	74119180	398444640	1194531299
134.perl-Primes	187798	3315245	464950	79320	4047313
164.gzip	11535708	108305003	79970310	143151600	342962621
175.vpr-Place	3906881	68628460	8230150	370200	81135691
175.vpr-Route	5206769	31488541	14661150	40830240	92186700
177.mesa	33974196	199257426	84651750	10034040	327917412
179.art	39129488	223896826	660925250	21617869440	22541821004
181.mcf	1451480	56640989	36073710	330569640	424735819
183.earthquake	17368203	155985286	26298390	183839760	383491639
188.amp	45907167	45876408	522360	1428182280	1520488215
197.parser	7988659	149295176	29464380	162430680	349178895
255.vortex	19820730	97413713	15476000	114333840	247044283
300.twolf	6173651	78670898	17659340	5083320	107587209

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.32	59.61	12.79	24.29
124.m88ksim	23.17	67.91	4.07	4.86
126.gcc	3.94	49.94	8.54	37.57
129.compress	9.90	35.81	12.43	41.87
130.li	13.04	58.33	17.66	10.97
132.ijpeg	2.16	83.02	5.48	9.35
134.perl-Jumble	4.66	55.78	6.20	33.36
134.perl-Primes	4.64	81.91	11.49	1.96
164.gzip	3.36	31.58	23.32	41.74
175.vpr-Place	4.82	84.58	10.14	0.46
175.vpr-Route	5.65	34.16	15.90	44.29
177.mesa	10.36	60.76	25.81	3.06
179.art	0.17	0.99	2.93	95.90
181.mcf	0.34	13.34	8.49	77.83
183.earthquake	4.53	40.68	6.86	47.94
188.amp	3.02	3.02	0.03	93.93
197.parser	2.29	42.76	8.44	46.52
255.vortex	8.02	39.43	6.26	46.28
300.twolf	5.74	73.12	16.41	4.72

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168645846	36173830	68706000	273525676
124.m88ksim	20364968	1220520	1455960	23041448
126.gcc	394276071	67456700	296632080	758364851
129.compress	7548149	2619360	8826720	18994229
130.li	49070610	14858910	9228480	73158000
132.ijpeg	103652550	6845880	11668800	122167230
134.perl-Jumble	666333889	74119180	398444640	1138897709
134.perl-Primes	3315245	464950	79320	3859515
164.gzip	108305003	79970310	143151600	331426913
175.vpr-Place	68628460	8230150	370200	77228810
175.vpr-Route	31488541	14661150	40830240	86979931
177.mesa	199257426	84651750	10034040	293943216
179.art	223896826	660925250	21617869440	22502691516
181.mcf	56640989	36073710	330569640	423284339
183.earthquake	155985286	26298390	183839760	366123436
188.amp	45876408	522360	1428182280	1474581048
197.parser	149295176	29464380	162430680	341190236
255.vortex	97413713	15476000	114333840	227223553
300.twolf	78670898	17659340	5083320	101413558

	L1 Hits	L2 Hits	Memory Hits
099.go	61.66	13.23	25.12
124.m88ksim	88.38	5.30	6.32
126.gcc	51.99	8.90	39.11
129.compress	39.74	13.79	46.47
130.li	67.07	20.31	12.61
132.ijpeg	84.84	5.60	9.55
134.perl-Jumble	58.51	6.51	34.99
134.perl-Primes	85.90	12.05	2.06
164.gzip	32.68	24.13	43.19
175.vpr-Place	88.86	10.66	0.48
175.vpr-Route	36.20	16.86	46.94
177.mesa	67.79	28.80	3.41
179.art	0.99	2.94	96.07
181.mcf	13.38	8.52	78.10
183.earthquake	42.60	7.18	50.21
188.amp	3.11	0.04	96.85
197.parser	43.76	8.64	47.61
255.vortex	42.87	6.81	50.32
300.twolf	77.57	17.41	5.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8986188	168103857	3889864	261762	181241671
124.m88ksim	6944363	20400082	130604	4491	27479540
126.gcc	30221867	393919067	7219777	1971627	433332338
129.compress	2068676	7551846	269773	61634	9951929
130.li	10884647	49132622	1524239	36455	61577963
132.ijpeg	2670602	103669548	684918	96854	107121922
134.perl-Jumble	55567973	667960119	7343381	3392801	734264274
134.perl-Primes	192822	3321509	44976	439	3559746
164.gzip	11176854	108344744	8380077	789038	128690713
175.vpr-Place	3910890	68624005	823843	695	73359433
175.vpr-Route	5130427	31505113	1534764	256256	38426560
177.mesa	33998981	198781900	8678268	83091	241542240
179.art	39130336	223957304	66105886	180135480	509329006
181.mcf	1456085	56710417	3499108	2859624	64525234
183.equake	17102611	152692224	2665194	1454140	173914169
188.amp	45889859	45904993	43255	11911014	103749121
197.parser	7921413	149161134	3010628	1287954	161381129
255.vortex	18731627	98502046	1914374	581873	119729920
300.twolf	6148297	78606650	1799172	5950	86560069

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.96	92.75	2.15	0.14
124.m88ksim	25.27	74.24	0.48	0.02
126.gcc	6.97	90.90	1.67	0.45
129.compress	20.79	75.88	2.71	0.62
130.li	17.68	79.79	2.48	0.06
132.ijpeg	2.49	96.78	0.64	0.09
134.perl-Jumble	7.57	90.97	1.00	0.46
134.perl-Primes	5.42	93.31	1.26	0.01
164.gzip	8.69	84.19	6.51	0.61
175.vpr-Place	5.33	93.54	1.12	0.00
175.vpr-Route	13.35	81.99	3.99	0.67
177.mesa	14.08	82.30	3.59	0.03
179.art	7.68	43.97	12.98	35.37
181.mcf	2.26	87.89	5.42	4.43
183.equake	9.83	87.80	1.53	0.84
188.amp	44.23	44.25	0.04	11.48
197.parser	4.91	92.43	1.87	0.80
255.vortex	15.64	82.27	1.60	0.49
300.twolf	7.10	90.81	2.08	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168103857	3889864	261762	172255483
124.m88ksim	20400082	130604	4491	20535177
126.gcc	393919067	7219777	1971627	403110471
129.compress	7551846	269773	61634	7883253
130.li	49132622	1524239	36455	50693316
132.ijpeg	103669548	684918	96854	104451320
134.perl-Jumble	667960119	7343381	3392801	678696301
134.perl-Primes	3321509	44976	439	3366924
164.gzip	108344744	8380077	789038	117513859
175.vpr-Place	68624005	823843	695	69448543
175.vpr-Route	31505113	1534764	256256	33296133
177.mesa	198781900	8678268	83091	207543259
179.art	223957304	66105886	180135480	470198670
181.mcf	56710417	3499108	2859624	63069149
183.equake	152692224	2665194	1454140	156811558
188.amp	45904993	43255	11911014	57859262
197.parser	149161134	3010628	1287954	153459716
255.vortex	98502046	1914374	581873	100998293
300.twolf	78606650	1799172	5950	80411772

	L1 Hits	L2 Hits	Memory Hits
099.go	97.59	2.26	0.15
124.m88ksim	99.34	0.64	0.02
126.gcc	97.72	1.79	0.49
129.compress	95.80	3.42	0.78
130.li	96.92	3.01	0.07
132.ijpeg	99.25	0.66	0.09
134.perl-Jumble	98.42	1.08	0.50
134.perl-Primes	98.65	1.34	0.01
164.gzip	92.20	7.13	0.67
175.vpr-Place	98.81	1.19	0.00
175.vpr-Route	94.62	4.61	0.77
177.mesa	95.78	4.18	0.04
179.art	47.63	14.06	38.31
181.mcf	89.92	5.55	4.53
183.equake	97.37	1.70	0.93
188.amp	79.34	0.07	20.59
197.parser	97.20	1.96	0.84
255.vortex	97.53	1.90	0.58
300.twolf	97.76	2.24	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8986188	168103857	3889864	31411440	247400125
124.m88ksim	6944363	20400082	1306040	538920	29189405
126.gcc	30221867	393919067	72197770	236595240	732933944
129.compress	2068676	7551846	2697730	7396080	19714332
130.li	10884647	49132622	15242390	4374600	79634259
132.ijpeg	2670602	103669548	6849180	11622480	124811810
134.perl-Jumble	55567973	667960119	73433810	407136120	1204098022
134.perl-Primes	192822	3321509	449760	52680	4016771
164.gzip	11176854	108344744	83800770	94684560	298006928
175.vpr-Place	3910890	68624005	8238430	83400	80856725
175.vpr-Route	5130427	31505113	15347640	30750720	82733900
177.mesa	33998981	198781900	86782680	9970920	329534481
179.art	39130336	223957304	661058860	21616257600	22540404100
181.mcf	1456085	56710417	34991080	343154880	436312462
183.equake	17102611	152692224	26651940	174496800	370943575
188.amp	45889859	45904993	432550	1429321680	1521549082
197.parser	7921413	149161134	30106280	154554480	341743307
255.vortex	18731627	98502046	19143740	69824760	206202173
300.twolf	6148297	78606650	17991720	714000	103460667

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.63	67.95	15.72	12.70
124.m88ksim	23.79	69.89	4.47	1.85
126.gcc	4.12	53.75	9.85	32.28
129.compress	10.49	38.31	13.68	37.52
130.li	13.67	61.70	19.14	5.49
132.ijpeg	2.14	83.06	5.49	9.31
134.perl-Jumble	4.61	55.47	6.10	33.81
134.perl-Primes	4.80	82.69	11.20	1.31
164.gzip	3.75	36.36	28.12	31.77
175.vpr-Place	4.84	84.87	10.19	0.10
175.vpr-Route	6.20	38.08	18.55	37.17
177.mesa	10.32	60.32	26.33	3.03
179.art	0.17	0.99	2.93	95.90
181.mcf	0.33	13.00	8.02	78.65
183.equake	4.61	41.16	7.18	47.04
188.amp	3.02	3.02	0.03	93.94
197.parser	2.32	43.65	8.81	45.23
255.vortex	9.08	47.77	9.28	33.86
300.twolf	5.94	75.98	17.39	0.69

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168103857	38898640	31411440	238413937
124.m88ksim	20400082	1306040	538920	22245042
126.gcc	393919067	72197770	236595240	702712077
129.compress	7551846	2697730	7396080	17645656
130.li	49132622	15242390	4374600	68749612
132.ijpeg	103669548	6849180	11622480	122141208
134.perl-Jumble	667960119	73433810	407136120	1148530049
134.perl-Primes	3321509	449760	52680	3823949
164.gzip	108344744	83800770	94684560	286830074
175.vpr-Place	68624005	8238430	83400	76945835
175.vpr-Route	31505113	15347640	30750720	77603473
177.mesa	198781900	86782680	9970920	295535500
179.art	223957304	661058860	21616257600	22501273764
181.mcf	56710417	34991080	343154880	434856377
183.equake	152692224	26651940	174496800	353840964
188.amp	45904993	432550	1429321680	1475659223
197.parser	149161134	30106280	154554480	333821894
255.vortex	98502046	19143740	69824760	187470546
300.twolf	78606650	17991720	714000	97312370

	L1 Hits	L2 Hits	Memory Hits
099.go	70.51	16.32	13.18
124.m88ksim	91.71	5.87	2.42
126.gcc	56.06	10.27	33.67
129.compress	42.80	15.29	41.91
130.li	71.47	22.17	6.36
132.ijpeg	84.88	5.61	9.52
134.perl-Jumble	58.16	6.39	35.45
134.perl-Primes	86.86	11.76	1.38
164.gzip	37.77	29.22	33.01
175.vpr-Place	89.18	10.71	0.11
175.vpr-Route	40.60	19.78	39.63
177.mesa	67.26	29.36	3.37
179.art	1.00	2.94	96.07
181.mcf	13.04	8.05	78.91
183.equake	43.15	7.53	49.32
188.amp	3.11	0.03	96.86
197.parser	44.68	9.02	46.30
255.vortex	52.54	10.21	37.25
300.twolf	80.78	18.49	0.73

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8950526	168322679	4057664	98409	181429278
124.m88ksim	7242402	20995485	132135	3512	28373534
126.gcc	28198832	392693045	8652056	469219	430013152
129.compress	2038693	7597385	317070	2876	9956024
130.li	10839081	49101672	1561328	784	61502865
132.ijpeg	2644172	103671637	768044	12853	107096706
134.perl-Jumble	55411827	667428180	9400140	1316521	733556668
134.perl-Primes	192608	3314346	44915	412	3552281
164.gzip	10878837	107791602	9042976	115481	127828896
175.vpr-Place	3913208	68635096	823835	589	73372728
175.vpr-Route	4963965	31634592	1736395	43178	38378130
177.mesa	34984292	197472602	9473169	82798	242012861
179.art	39131902	221158125	100936296	145312709	506539032
181.mcf	1195321	54320412	5226673	1080603	61823009
183.equake	17364000	156101960	2904197	1255839	177625996
188.amp	45857276	45922606	654266	11300157	103734305
197.parser	7369128	149076884	3799316	494960	160740288
255.vortex	17936096	99119824	2291145	203062	119550127
300.twolf	6167384	78623154	1791652	10351	86592541

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.93	92.78	2.24	0.05
124.m88ksim	25.53	74.00	0.47	0.01
126.gcc	6.56	91.32	2.01	0.11
129.compress	20.48	76.31	3.18	0.03
130.li	17.62	79.84	2.54	0.00
132.ijpeg	2.47	96.80	0.72	0.01
134.perl-Jumble	7.55	90.99	1.28	0.18
134.perl-Primes	5.42	93.30	1.26	0.01
164.gzip	8.51	84.32	7.07	0.09
175.vpr-Place	5.33	93.54	1.12	0.00
175.vpr-Route	12.93	82.43	4.52	0.11
177.mesa	14.46	81.60	3.91	0.03
179.art	7.73	43.66	19.93	28.69
181.mcf	1.93	87.86	8.45	1.75
183.equake	9.78	87.88	1.64	0.71
188.amp	44.21	44.27	0.63	10.89
197.parser	4.58	92.74	2.36	0.31
255.vortex	15.00	82.91	1.92	0.17
300.twolf	7.12	90.80	2.07	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168322679	4057664	98409	172478752
124.m88ksim	20995485	132135	3512	21131132
126.gcc	392693045	8652056	469219	401814320
129.compress	7597385	317070	2876	7917331
130.li	49101672	1561328	784	50663784
132.ijpeg	103671637	768044	12853	104452534
134.perl-Jumble	667428180	9400140	1316521	678144841
134.perl-Primes	3314346	44915	412	3359673
164.gzip	107791602	9042976	115481	116950059
175.vpr-Place	68635096	823835	589	69459520
175.vpr-Route	31634592	1736395	43178	33414165
177.mesa	197472602	9473169	82798	207028569
179.art	221158125	100936296	145312709	467407130
181.mcf	54320412	5226673	1080603	60627688
183.equake	156101960	2904197	1255839	160261996
188.amp	45922606	654266	11300157	57877029
197.parser	149076884	3799316	494960	153371160
255.vortex	99119824	2291145	203062	101614031
300.twolf	78623154	1791652	10351	80425157

	L1 Hits	L2 Hits	Memory Hits
099.go	97.59	2.35	0.06
124.m88ksim	99.36	0.63	0.02
126.gcc	97.73	2.15	0.12
129.compress	95.96	4.00	0.04
130.li	96.92	3.08	0.00
132.ijpeg	99.25	0.74	0.01
134.perl-Jumble	98.42	1.39	0.19
134.perl-Primes	98.65	1.34	0.01
164.gzip	92.17	7.73	0.10
175.vpr-Place	98.81	1.19	0.00
175.vpr-Route	94.67	5.20	0.13
177.mesa	95.38	4.58	0.04
179.art	47.32	21.59	31.09
181.mcf	89.60	8.62	1.78
183.equake	97.40	1.81	0.78
188.amp	79.35	1.13	19.52
197.parser	97.20	2.48	0.32
255.vortex	97.55	2.25	0.20
300.twolf	97.76	2.23	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8950526	168322679	40576640	11809080	229658925
124.m88ksim	7242402	20995485	1321350	421440	29980677
126.gcc	28198832	392693045	86520560	56306280	563718717
129.compress	2038693	7597385	3170700	345120	13151898
130.li	10839081	49101672	15613280	94080	75648113
132.ijpeg	2644172	103671637	7680440	1542360	115538609
134.perl-Jumble	55411827	667428180	94001400	157982520	974823927
134.perl-Primes	192608	3314346	449150	49440	4005544
164.gzip	10878837	107791602	90429760	13857720	222957919
175.vpr-Place	3913208	68635096	8238350	70680	80857334
175.vpr-Route	4963965	31634592	17363950	5181360	59143867
177.mesa	34984292	197472602	94731690	9935760	337124344
179.art	39131902	221158125	1.009E+09	17437525080	18707178067
181.mcf	1195321	54320412	52266730	129672360	237454823
183.equake	17364000	156101960	29041970	150700680	353208610
188.amp	45857276	45922606	6542660	1356018840	1454341382
197.parser	7369128	149076884	37993160	59395200	253834372
255.vortex	17936096	99119824	22911450	24367440	164334810
300.twolf	6167384	78623154	17916520	1242120	103949178

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.90	73.29	17.67	5.14
124.m88ksim	24.16	70.03	4.41	1.41
126.gcc	5.00	69.66	15.35	9.99
129.compress	15.50	57.77	24.11	2.62
130.li	14.33	64.91	20.64	0.12
132.ijpeg	2.29	89.73	6.65	1.33
134.perl-Jumble	5.68	68.47	9.64	16.21
134.perl-Primes	4.81	82.74	11.21	1.23
164.gzip	4.88	48.35	40.56	6.22
175.vpr-Place	4.84	84.88	10.19	0.09
175.vpr-Route	8.39	53.49	29.36	8.76
177.mesa	10.38	58.58	28.10	2.95
179.art	0.21	1.18	5.40	93.21
181.mcf	0.50	22.88	22.01	54.61
183.equake	4.92	44.20	8.22	42.67
188.amp	3.15	3.16	0.45	93.24
197.parser	2.90	58.73	14.97	23.40
255.vortex	10.91	60.32	13.94	14.83
300.twolf	5.93	75.64	17.24	1.19

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168322679	40576640	11809080	220708399
124.m88ksim	20995485	1321350	421440	22738275
126.gcc	392693045	86520560	56306280	535519885
129.compress	7597385	3170700	345120	11113205
130.li	49101672	15613280	94080	64809032
132.ijpeg	103671637	7680440	1542360	112894437
134.perl-Jumble	667428180	94001400	157982520	919412100
134.perl-Primes	3314346	449150	49440	3812936
164.gzip	107791602	90429760	13857720	212079082
175.vpr-Place	68635096	8238350	70680	76944126
175.vpr-Route	31634592	17363950	5181360	54179902
177.mesa	197472602	94731690	9935760	302140052
179.art	221158125	1.009E+09	17437525080	18668046165
181.mcf	54320412	52266730	129672360	236259502
183.equake	156101960	29041970	150700680	335844610
188.amp	45922606	6542660	1356018840	1408484106
197.parser	149076884	37993160	59395200	246465244
255.vortex	99119824	22911450	24367440	146398714
300.twolf	78623154	17916520	1242120	97781794

	L1 Hits	L2 Hits	Memory Hits
099.go	76.26	18.38	5.35
124.m88ksim	92.34	5.81	1.85
126.gcc	73.33	16.16	10.51
129.compress	68.36	28.53	3.11
130.li	75.76	24.09	0.15
132.ijpeg	91.83	6.80	1.37
134.perl-Jumble	72.59	10.22	17.18
134.perl-Primes	86.92	11.78	1.30
164.gzip	50.83	42.64	6.53
175.vpr-Place	89.20	10.71	0.09
175.vpr-Route	58.39	32.05	9.56
177.mesa	65.36	31.35	3.29
179.art	1.18	5.41	93.41
181.mcf	22.99	22.12	54.89
183.equake	46.48	8.65	44.87
188.amp	3.26	0.46	96.28
197.parser	60.49	15.42	24.10
255.vortex	67.71	15.65	16.64
300.twolf	80.41	18.32	1.27

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8924316	168274124	4110178	39540	181348158
124.m88ksim	6939530	20381881	131115	3398	27455924
126.gcc	27796339	392275193	8809208	293959	429174699
129.compress	2036458	7601891	317785	1874	9958008
130.li	10820326	49127543	1560433	583	61508885
132.ijpeg	2654496	103660804	779547	1358	107096205
134.perl-Jumble	56282575	668023838	9418265	1287466	735012144
134.perl-Primes	193742	3316737	45052	399	3555930
164.gzip	10878405	107700968	9041194	108491	127729058
175.vpr-Place	3907016	68630667	825406	541	73363630
175.vpr-Route	4916371	31681037	1768509	6537	38372454
177.mesa	34706479	197636031	9306677	82711	241731898
179.art	39129139	223916263	66127140	180119316	509291858
181.mcf	1194294	54343361	5232374	1073405	61843434
183.equake	17308056	156210272	2940633	1220696	177679657
188.amp	45855865	45934863	496805	11458580	103746113
197.parser	7358644	149097606	3833208	460286	160749744
255.vortex	17614566	99296496	2387208	104906	1194031176
300.twolf	6155725	78604607	1803240	631	86564203

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.92	92.79	2.27	0.02
124.m88ksim	25.28	74.23	0.48	0.01
126.gcc	6.48	91.40	2.05	0.07
129.compress	20.45	76.34	3.19	0.02
130.li	17.59	79.87	2.54	0.00
132.ijpeg	2.48	96.79	0.73	0.00
134.perl-Jumble	7.66	90.89	1.28	0.18
134.perl-Primes	5.45	93.27	1.27	0.01
164.gzip	8.52	84.32	7.08	0.08
175.vpr-Place	5.33	93.55	1.13	0.00
175.vpr-Route	12.81	82.56	4.61	0.02
177.mesa	14.36	81.76	3.85	0.03
179.art	7.68	43.97	12.98	35.37
181.mcf	1.93	87.87	8.46	1.74
183.equake	9.74	87.92	1.66	0.69
188.amp	44.20	44.28	0.48	11.04
197.parser	4.58	92.75	2.38	0.29
255.vortex	14.75	83.16	2.00	0.09
300.twolf	7.11	90.80	2.08	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168274124	4110178	39540	172423842
124.m88ksim	20381881	131115	3398	20516394
126.gcc	392275193	8809208	293959	401378360
129.compress	7601891	317785	1874	7921550
130.li	49127543	1560433	583	50688559
132.ijpeg	103660804	779547	1358	104441709
134.perl-Jumble	668023838	9418265	1287466	678729569
134.perl-Primes	3316737	45052	399	3362188
164.gzip	107700968	9041194	108491	116850653
175.vpr-Place	68630667	825406	541	69456614
175.vpr-Route	31681037	1768509	6537	33456083
177.mesa	197636031	9306677	82711	207025419
179.art	223916263	66127140	180119316	470162719
181.mcf	54343361	5232374	1073405	60649140
183.equake	156210272	2940633	1220696	160371601
188.amp	45934863	496805	11458580	57890248
197.parser	149097606	3833208	460286	153391100
255.vortex	99296496	2387208	104906	101788610
300.twolf	78604607	1803240	631	80408478

	L1 Hits	L2 Hits	Memory Hits
099.go	97.59	2.38	0.02
124.m88ksim	99.34	0.64	0.02
126.gcc	97.73	2.19	0.07
129.compress	95.96	4.01	0.02
130.li	96.92	3.08	0.00
132.ijpeg	99.25	0.75	0.00
134.perl-Jumble	98.42	1.39	0.19
134.perl-Primes	98.65	1.34	0.01
164.gzip	92.17	7.74	0.09
175.vpr-Place	98.81	1.19	0.00
175.vpr-Route	94.69	5.29	0.02
177.mesa	95.46	4.50	0.04
179.art	47.63	14.06	38.31
181.mcf	89.60	8.63	1.77
183.equake	97.41	1.83	0.76
188.amp	79.35	0.86	19.79
197.parser	97.20	2.50	0.30
255.vortex	97.55	2.35	0.10
300.twolf	97.76	2.24	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8924316	168274124	41101780	4744800	223045020
124.m88ksim	6939530	20381881	1311150	407760	29040321
126.gcc	27796339	392275193	88092080	35275080	543438692
129.compress	2036458	7601891	3177850	224880	13041079
130.li	10820326	49127543	15604330	69960	75622159
132.ijpeg	2654496	103660804	7795470	162960	114273730
134.perl-Jumble	56282575	668023838	94182650	154495920	972984983
134.perl-Primes	193742	3316737	450520	47880	4008879
164.gzip	10878405	107700968	90411940	13018920	222010233
175.vpr-Place	3907016	68630667	8254060	64920	80856663
175.vpr-Route	4916371	31681037	17685090	784440	55066938
177.mesa	34706479	197636031	93066770	9925320	335334600
179.art	39129139	223916263	661271400	21614317920	22538634722
181.mcf	1194294	54343361	52323740	128808600	236669995
183.equake	17308056	156210272	29406330	146483520	349408178
188.amp	45855865	45934863	4968050	1375029600	1471788378
197.parser	7358644	149097606	38332080	55234320	250022650
255.vortex	17614566	99296496	23872080	12588720	153371862
300.twolf	6155725	78604607	18032400	75720	102868452

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.00	75.44	18.43	2.13
124.m88ksim	23.90	70.18	4.51	1.40
126.gcc	5.11	72.18	16.21	6.49
129.compress	15.62	58.29	24.37	1.72
130.li	14.31	64.96	20.63	0.09
132.ijpeg	2.32	90.71	6.82	0.14
134.perl-Jumble	5.78	68.66	9.68	15.88
134.perl-Primes	4.83	82.73	11.24	1.19
164.gzip	4.90	48.51	40.72	5.86
175.vpr-Place	4.83	84.88	10.21	0.08
175.vpr-Route	8.93	57.53	32.12	1.42
177.mesa	10.35	58.94	27.75	2.96
179.art	0.17	0.99	2.93	95.90
181.mcf	0.50	22.96	22.11	54.43
183.equake	4.95	44.71	8.42	41.92
188.amp	3.12	3.12	0.34	93.43
197.parser	2.94	59.63	15.33	22.09
255.vortex	11.48	64.74	15.56	8.21
300.twolf	5.98	76.41	17.53	0.07

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	168274124	41101780	4744800	214120704
124.m88ksim	20381881	1311150	407760	22100791
126.gcc	392275193	88092080	35275080	515642353
129.compress	7601891	3177850	224880	11004621
130.li	49127543	15604330	69960	64801833
132.ijpeg	103660804	7795470	162960	111619234
134.perl-Jumble	668023838	94182650	154495920	916702408
134.perl-Primes	3316737	450520	47880	3815137
164.gzip	107700968	90411940	13018920	211131828
175.vpr-Place	68630667	8254060	64920	76949647
175.vpr-Route	31681037	17685090	784440	50150567
177.mesa	197636031	93066770	9925320	300628121
179.art	223916263	661271400	21614317920	22499505583
181.mcf	54343361	52323740	128808600	235475701
183.equake	156210272	29406330	146483520	332100122
188.amp	45934863	4968050	1375029600	1425932513
197.parser	149097606	38332080	55234320	242664006
255.vortex	99296496	23872080	12588720	135757296
300.twolf	78604607	18032400	75720	96712727

	L1 Hits	L2 Hits	Memory Hits
099.go	78.59	19.20	2.22
124.m88ksim	92.22	5.93	1.85
126.gcc	76.08	17.08	6.84
129.compress	69.08	28.88	2.04
130.li	75.81	24.08	0.11
132.ijpeg	92.87	6.98	0.15
134.perl-Jumble	72.87	10.27	16.85
134.perl-Primes	86.94	11.81	1.26
164.gzip	51.01	42.82	6.17
175.vpr-Place	89.19	10.73	0.08
175.vpr-Route	63.17	35.26	1.56
177.mesa	65.74	30.96	3.30
179.art	1.00	2.94	96.07
181.mcf	23.08	22.22	54.70
183.equake	47.04	8.85	44.11
188.amp	3.22	0.35	96.43
197.parser	61.44	15.80	22.76
255.vortex	73.14	17.58	9.27
300.twolf	81.28	18.65	0.08

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8148168	166891869	286369	255408	175581814
124.m88ksim	6882664	19046229	8124	4862	25941879
126.gcc	27779501	393625775	2921833	1936519	426263628
129.compress	2040883	7542456	195870	69834	9849043
130.li	10353691	49078578	1144781	70639	60647689
132.ijpeg	2452149	104077802	239831	91213	106860995
134.perl-Jumble	52110168	671804748	3805752	3252164	730972832
134.perl-Primes	181653	3350846	265	448	3533212
164.gzip	10708710	109475919	7251699	1126341	128562669
175.vpr-Place	3790021	68585815	2115	809	72378760
175.vpr-Route	4812639	30684730	685891	301387	36484647
177.mesa	23780912	216590570	84648	82847	240538977
179.art	39163908	224129070	65601617	180140428	509035023
181.mcf	1430128	57069970	2519953	2704544	63724595
183.quake	17438641	156494817	1940212	1496818	177370488
188.amp	45887165	45903652	43958	11900616	103735391
197.parser	7693317	147154529	1976867	1325268	158149981
255.vortex	18141242	99412879	947643	734084	119235848
300.twolf	6019303	79066824	261868	21490	85369485

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.64	95.05	0.16	0.15
124.m88ksim	26.53	73.42	0.03	0.02
126.gcc	6.52	92.34	0.69	0.45
129.compress	20.72	76.58	1.99	0.71
130.li	17.07	80.92	1.89	0.12
132.ijpeg	2.29	97.40	0.22	0.09
134.perl-Jumble	7.13	91.91	0.52	0.44
134.perl-Primes	5.14	94.84	0.01	0.01
164.gzip	8.33	85.15	5.64	0.88
175.vpr-Place	5.24	94.76	0.00	0.00
175.vpr-Route	13.19	84.10	1.88	0.83
177.mesa	9.89	90.04	0.04	0.03
179.art	7.69	44.03	12.89	35.39
181.mcf	2.24	89.56	3.95	4.24
183.quake	9.83	88.23	1.09	0.84
188.amp	44.23	44.25	0.04	11.47
197.parser	4.86	93.05	1.25	0.84
255.vortex	15.21	83.37	0.79	0.62
300.twolf	7.05	92.62	0.31	0.03

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166891869	286369	255408	167433646
124.m88ksim	19046229	8124	4862	19059215
126.gcc	393625775	2921833	1936519	398484127
129.compress	7542456	195870	69834	7808160
130.li	49078578	1144781	70639	50293998
132.ijpeg	104077802	239831	91213	104408846
134.perl-Jumble	671804748	3805752	3252164	678862664
134.perl-Primes	3350846	265	448	3351559
164.gzip	109475919	7251699	1126341	117853959
175.vpr-Place	68585815	2115	809	68588739
175.vpr-Route	30684730	685891	301387	31672008
177.mesa	216590570	84648	82847	216758065
179.art	224129070	65601617	180140428	469871115
181.mcf	57069970	2519953	2704544	62294467
183.quake	156494817	1940212	1496818	159931847
188.amp	45903652	43958	11900616	57848226
197.parser	147154529	1976867	1325268	150456664
255.vortex	99412879	947643	734084	101094606
300.twolf	79066824	261868	21490	79350182

	L1 Hits	L2 Hits	Memory Hits
099.go	99.68	0.17	0.15
124.m88ksim	99.93	0.04	0.03
126.gcc	98.78	0.73	0.49
129.compress	96.60	2.51	0.89
130.li	97.58	2.28	0.14
132.ijpeg	99.68	0.23	0.09
134.perl-Jumble	98.96	0.56	0.48
134.perl-Primes	99.98	0.01	0.01
164.gzip	92.89	6.15	0.96
175.vpr-Place	100.00	0.00	0.00
175.vpr-Route	96.88	2.17	0.95
177.mesa	99.92	0.04	0.04
179.art	47.70	13.96	38.34
181.mcf	91.61	4.05	4.34
183.quake	97.85	1.21	0.94
188.amp	79.35	0.08	20.57
197.parser	97.81	1.31	0.88
255.vortex	98.34	0.94	0.73
300.twolf	99.64	0.33	0.03

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8148168	166891869	2863690	30648960	208552687
124.m88ksim	6882664	19046229	81240	583440	26593573
126.gcc	27779501	393625775	29218330	232382280	683005886
129.compress	2040883	7542456	1958700	8380080	19922119
130.li	10353691	49078578	11447810	8476680	79356759
132.ijpeg	2452149	104077802	2398310	10945560	119873821
134.perl-Jumble	52110168	671804748	38057520	390259680	1152232116
134.perl-Primes	181653	3350846	2650	53760	3588990
164.gzip	10708710	109475919	72516990	135160920	327862539
175.vpr-Place	3790021	68585815	21150	97080	72494066
175.vpr-Route	4812639	30684730	6858910	36166440	78522719
177.mesa	23780912	216590570	846480	9941640	251159602
179.art	39163908	224129070	656016170	21616851360	22536760580
181.mcf	1430128	57069970	25199530	324545280	408244908
183.quake	17438641	156494817	19402120	179618160	372953738
188.amp	45887165	45903652	439580	1428073920	1520304317
197.parser	7693317	147154529	19768670	159032160	333648676
255.vortex	18141242	99412879	9476430	88090080	215120631
300.twolf	6019303	79066824	2618680	2578800	90283607

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.91	80.02	1.37	14.70
124.m88ksim	25.88	71.62	0.31	2.19
126.gcc	4.07	57.63	4.28	34.02
129.compress	10.24	37.86	9.83	42.06
130.li	13.05	61.85	14.43	10.68
132.ijpeg	2.05	86.82	2.00	9.13
134.perl-Jumble	4.52	58.30	3.30	33.87
134.perl-Primes	5.06	93.37	0.07	1.50
164.gzip	3.27	33.39	22.12	41.22
175.vpr-Place	5.23	94.61	0.03	0.13
175.vpr-Route	6.13	39.08	8.73	46.06
177.mesa	9.47	86.24	0.34	3.96
179.art	0.17	0.99	2.91	95.92
181.mcf	0.35	13.98	6.17	79.50
183.quake	4.68	41.96	5.20	48.16
188.amp	3.02	3.02	0.03	93.93
197.parser	2.31	44.10	5.92	47.66
255.vortex	8.43	46.21	4.41	40.95
300.twolf	6.67	87.58	2.90	2.86

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166891869	2863690	30648960	200404519
124.m88ksim	19046229	81240	583440	19710909
126.gcc	393625775	29218330	232382280	655226385
129.compress	7542456	1958700	8380080	17881236
130.li	49078578	11447810	8476680	69003068
132.ijpeg	104077802	2398310	10945560	117421672
134.perl-Jumble	671804748	38057520	390259680	1100121948
134.perl-Primes	3350846	2650	53760	3407256
164.gzip	109475919	72516990	135160920	317153829
175.vpr-Place	68585815	21150	97080	68704045
175.vpr-Route	30684730	6858910	36166440	73710080
177.mesa	216590570	846480	9941640	227378690
179.art	224129070	656016170	21616851360	22496996600
181.mcf	57069970	25199530	324545280	406814780
183.quake	156494817	19402120	179618160	355515097
188.amp	45903652	439580	1428073920	1474417152
197.parser	147154529	19768670	159032160	325955359
255.vortex	99412879	9476430	88090080	196979389
300.twolf	79066824	2618680	2578800	84264304

	L1 Hits	L2 Hits	Memory Hits
099.go	83.28	1.43	15.29
124.m88ksim	96.63	0.41	2.96
126.gcc	60.07	4.46	35.47
129.compress	42.18	10.95	46.87
130.li	71.13	16.59	12.28
132.ijpeg	88.64	2.04	9.32
134.perl-Jumble	61.07	3.46	35.47
134.perl-Primes	98.34	0.08	1.58
164.gzip	34.52	22.86	42.62
175.vpr-Place	99.83	0.03	0.14
175.vpr-Route	41.63	9.31	49.07
177.mesa	95.26	0.37	4.37
179.art	1.00	2.92	96.09
181.mcf	14.03	6.19	79.78
183.quake	44.02	5.46	50.52
188.amp	3.11	0.03	96.86
197.parser	45.15	6.06	48.79
255.vortex	50.47	4.81	44.72
300.twolf	93.83	3.11	3.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8109233	166829493	316559	222705	175477990
124.m8ksim	6882598	20380986	8643	4468	27276695
126.gcc	27790978	393741349	2990193	1863414	426385934
129.compress	2023742	7530860	202360	60901	9817863
130.li	10177712	49167968	1175839	33014	60554533
132.ijpeg	2441203	104085777	236840	94307	106858127
134.perl-Jumble	52155937	673435968	3657409	3400948	732650262
134.perl-Primes	176803	3351077	301	425	3528606
164.gzip	10496122	109404431	7572398	783213	128256164
175.vpr-Place	3786338	68598250	2337	572	72387497
175.vpr-Route	4747319	30702488	733594	244208	36427609
177.mesa	23234780	216016590	84660	82843	239418873
179.art	39163345	224150764	65606380	180135874	509056363
181.mcf	1446052	57158860	2380982	2844048	63829942
183.equake	17174524	156427214	2000196	1435687	177037621
188.amp	45871443	45906554	33966	11910602	103722565
197.parser	7658073	146973680	2014976	1285842	157932571
255.vortex	17376768	100133671	1117943	563084	119191466
300.twolf	6007568	79066340	277301	6554	85357763

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.62	95.07	0.18	0.13
124.m8ksim	25.23	74.72	0.03	0.02
126.gcc	6.52	92.34	0.70	0.44
129.compress	20.61	76.71	2.06	0.62
130.li	16.81	81.20	1.94	0.05
132.ijpeg	2.28	97.41	0.22	0.09
134.perl-Jumble	7.12	91.92	0.50	0.46
134.perl-Primes	5.01	94.97	0.01	0.01
164.gzip	8.18	85.30	5.90	0.61
175.vpr-Place	5.23	94.77	0.00	0.00
175.vpr-Route	13.03	84.28	2.01	0.67
177.mesa	9.70	90.23	0.04	0.03
179.art	7.69	44.03	12.89	35.39
181.mcf	2.27	89.55	3.73	4.46
183.equake	9.70	88.36	1.13	0.81
188.amp	44.23	44.26	0.03	11.48
197.parser	4.85	93.06	1.28	0.81
255.vortex	14.58	84.01	0.94	0.47
300.twolf	7.04	92.63	0.32	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166829493	316559	222705	167368757
124.m8ksim	20380986	8643	4468	20394097
126.gcc	393741349	2990193	1863414	398594956
129.compress	7530860	202360	60901	7794121
130.li	49167968	1175839	33014	50376821
132.ijpeg	104085777	236840	94307	104416924
134.perl-Jumble	673435968	3657409	3400948	680494325
134.perl-Primes	3351077	301	425	3351803
164.gzip	109404431	7572398	783213	117760042
175.vpr-Place	68598250	2337	572	68601159
175.vpr-Route	30702488	733594	244208	31680290
177.mesa	216016590	84660	82843	216184093
179.art	224150764	65606380	180135874	469893018
181.mcf	57158860	2380982	2844048	62383890
183.equake	156427214	2000196	1435687	159863097
188.amp	45906554	33966	11910602	57851122
197.parser	146973680	2014976	1285842	150274498
255.vortex	100133671	1117943	563084	101814698
300.twolf	79066340	277301	6554	79350195

	L1 Hits	L2 Hits	Memory Hits
099.go	99.68	0.19	0.13
124.m8ksim	99.94	0.04	0.02
126.gcc	98.78	0.75	0.47
129.compress	96.62	2.60	0.78
130.li	97.60	2.33	0.07
132.ijpeg	99.68	0.23	0.09
134.perl-Jumble	98.96	0.54	0.50
134.perl-Primes	99.98	0.01	0.01
164.gzip	92.90	6.43	0.67
175.vpr-Place	100.00	0.00	0.00
175.vpr-Route	96.91	2.32	0.77
177.mesa	99.92	0.04	0.04
179.art	47.70	13.96	38.34
181.mcf	91.62	3.82	4.56
183.equake	97.85	1.25	0.90
188.amp	79.35	0.06	20.59
197.parser	97.80	1.34	0.86
255.vortex	98.35	1.10	0.55
300.twolf	99.64	0.35	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8109233	166829493	3165590	26724600	204828916
124.m8ksim	6882598	20380986	86430	536160	27886174
126.gcc	27790978	393741349	29901930	223609680	675043937
129.compress	2023742	7530860	2023600	7308120	18886322
130.li	10177712	49167968	11758390	3961680	75065750
132.ijpeg	2441203	104085777	2368400	11316840	120212220
134.perl-Jumble	52155937	673435968	36574090	408113760	1170279755
134.perl-Primes	176803	3351077	3010	51000	3581890
164.gzip	10496122	109404431	75723980	93985560	289610093
175.vpr-Place	3786338	68598250	23370	68640	72476598
175.vpr-Route	4747319	30702488	7335940	29304960	72090707
177.mesa	23234780	216016590	846600	9941160	250039130
179.art	39163345	224150764	656063800	21616304880	22535682789
181.mcf	1446052	57158860	23809820	341285760	423700492
183.equake	17174524	156427214	20001960	172282440	365886138
188.amp	45871443	45906554	339660	1429272240	1521389897
197.parser	7658073	146973680	20149760	154301040	329082553
255.vortex	17376768	100133671	11179430	67570080	196259949
300.twolf	6007568	79066340	2773010	786480	88633398

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.96	81.45	1.55	13.05
124.m8ksim	24.68	73.09	0.31	1.92
126.gcc	4.12	58.33	4.43	33.13
129.compress	10.72	39.87	10.71	38.70
130.li	13.56	65.50	15.66	5.28
132.ijpeg	2.03	86.59	1.97	9.41
134.perl-Jumble	4.46	57.54	3.13	34.87
134.perl-Primes	4.94	93.56	0.08	1.42
164.gzip	3.62	37.78	26.15	32.45
175.vpr-Place	5.22	94.65	0.03	0.09
175.vpr-Route	6.59	42.59	10.18	40.65
177.mesa	9.29	86.39	0.34	3.98
179.art	0.17	0.99	2.91	95.92
181.mcf	0.34	13.49	5.62	80.55
183.equake	4.69	42.75	5.47	47.09
188.amp	3.02	3.02	0.02	93.95
197.parser	2.33	44.66	6.12	46.89
255.vortex	8.85	51.02	5.70	34.43
300.twolf	6.78	89.21	3.13	0.89

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166829493	3165590	26724600	196719683
124.m8ksim	20380986	86430	536160	21003576
126.gcc	393741349	29901930	223609680	647252959
129.compress	7530860	2023600	7308120	16862580
130.li	49167968	11758390	3961680	64888038
132.ijpeg	104085777	2368400	11316840	117771017
134.perl-Jumble	673435968	36574090	408113760	1118123818
134.perl-Primes	3351077	3010	51000	3405087
164.gzip	109404431	75723980	93985560	279113971
175.vpr-Place	68598250	23370	68640	68690260
175.vpr-Route	30702488	7335940	29304960	67343388
177.mesa	216016590	846600	9941160	226804350
179.art	224150764	656063800	21616304880	22496519444
181.mcf	57158860	23809820	341285760	422254440
183.equake	156427214	20001960	172282440	348711614
188.amp	45906554	339660	1429272240	1475518454
197.parser	146973680	20149760	154301040	321424480
255.vortex	100133671	11179430	67570080	178883181
300.twolf	79066340	2773010	786480	82625830

	L1 Hits	L2 Hits	Memory Hits
099.go	84.81	1.61	13.59
124.m8ksim	97.04	0.41	2.55
126.gcc	60.83	4.62	34.55
129.compress	44.66	12.00	43.34
130.li	75.77	18.12	6.11
132.ijpeg	88.38	2.01	9.61
134.perl-Jumble	60.23	3.27	36.50
134.perl-Primes	98.41	0.09	1.50
164.gzip	39.20	27.13	33.67
175.vpr-Place	99.87	0.03	0.10
175.vpr-Route	45.59	10.89	43.52
177.mesa	95.24	0.37	4.38
179.art	1.00	2.92	96.09
181.mcf	13.54	5.64	80.82
183.equake	44.86	5.74	49.41
188.amp	3.11	0.02	96.87
197.parser	45.73	6.27	48.01
255.vortex	55.98	6.25	37.77
300.twolf	95.69	3.36	0.95

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8057986	166974345	464317	74791	175571439
124.m88ksim	6870929	19053932	9467	3515	25937843
126.gcc	25815778	392343418	4395284	424558	422979038
129.compress	1975829	7592132	250248	2811	9821020
130.li	10220373	49169428	1210177	636	60600614
132.ijpeg	2416168	104085099	318414	11822	106831503
134.perl-Jumble	51118067	671733853	5749932	1307419	729909271
134.perl-Primes	181839	3348336	335	391	3530901
164.gzip	10201335	108812807	8227124	115207	127356473
175.vpr-Place	3786438	68581902	2436	462	72371238
175.vpr-Route	4573872	30794797	934136	38802	36341607
177.mesa	23377116	214805401	84771	82704	238349992
179.art	39168344	221304566	101201633	144541361	506215904
181.mcf	1183260	54710568	4111697	1078738	61084263
183.equake	17415193	156794050	2167372	1253550	177630165
188.amp	45834100	45964082	645390	11299952	103743524
197.parser	7083503	146965311	2805763	492113	157346690
255.vortex	16533986	100790622	1486357	193105	119004070
300.twolf	6002351	79062650	280470	2777	85348248

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.59	95.10	0.26	0.04
124.m88ksim	26.49	73.46	0.04	0.01
126.gcc	6.10	92.76	1.04	0.10
129.compress	20.12	77.30	2.55	0.03
130.li	16.87	81.14	2.00	0.00
132.ijpeg	2.26	97.43	0.30	0.01
134.perl-Jumble	7.00	92.03	0.79	0.18
134.perl-Primes	5.15	94.83	0.01	0.01
164.gzip	8.01	85.44	6.46	0.09
175.vpr-Place	5.23	94.76	0.00	0.00
175.vpr-Route	12.59	84.74	2.57	0.11
177.mesa	9.81	90.12	0.04	0.03
179.art	7.74	43.72	19.99	28.55
181.mcf	1.94	89.57	6.73	1.77
183.equake	9.80	88.27	1.22	0.71
188.amp	44.18	44.31	0.62	10.89
197.parser	4.50	93.40	1.78	0.31
255.vortex	13.89	84.70	1.25	0.16
300.twolf	7.03	92.64	0.33	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166974345	464317	74791	167513453
124.m88ksim	19053932	9467	3515	19066914
126.gcc	392343418	4395284	424558	397163260
129.compress	7592132	250248	2811	7845191
130.li	49169428	1210177	636	50380241
132.ijpeg	104085099	318414	11822	104415335
134.perl-Jumble	671733853	5749932	1307419	678791204
134.perl-Primes	3348336	335	391	3349062
164.gzip	108812807	8227124	115207	117155138
175.vpr-Place	68581902	2436	462	68584800
175.vpr-Route	30794797	934136	38802	31767735
177.mesa	214805401	84771	82704	214972876
179.art	221304566	101201633	144541361	467047560
181.mcf	54710568	4111697	1078738	59901003
183.equake	156794050	2167372	1253550	160214972
188.amp	45964082	645390	11299952	57909424
197.parser	146965311	2805763	492113	150263187
255.vortex	100790622	1486357	193105	102470084
300.twolf	79062650	280470	2777	79345897

	L1 Hits	L2 Hits	Memory Hits
099.go	99.68	0.28	0.04
124.m88ksim	99.93	0.05	0.02
126.gcc	98.79	1.11	0.11
129.compress	96.77	3.19	0.04
130.li	97.60	2.40	0.00
132.ijpeg	99.68	0.30	0.01
134.perl-Jumble	98.96	0.85	0.19
134.perl-Primes	99.98	0.01	0.01
164.gzip	92.88	7.02	0.10
175.vpr-Place	100.00	0.00	0.00
175.vpr-Route	96.94	2.94	0.12
177.mesa	99.92	0.04	0.04
179.art	47.38	21.67	30.95
181.mcf	91.33	6.86	1.80
183.equake	97.86	1.35	0.78
188.amp	79.37	1.11	19.51
197.parser	97.81	1.87	0.33
255.vortex	98.36	1.45	0.19
300.twolf	99.64	0.35	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8057986	166974345	4643170	8974920	188650421
124.m88ksim	6870929	19053932	94670	421800	26441331
126.gcc	25815778	392343418	43952840	50946960	513058996
129.compress	1975829	7592132	2502480	337320	12407761
130.li	10220373	49169428	12101770	76320	71567891
132.ijpeg	2416168	104085099	3184140	1418640	111104047
134.perl-Jumble	51118067	671733853	57499320	156890280	937241520
134.perl-Primes	181839	3348336	3350	46920	3580445
164.gzip	10201335	108812807	82271240	13824840	215110222
175.vpr-Place	3786438	68581902	24360	55440	72448140
175.vpr-Route	4573872	30794797	9341360	4656240	49366269
177.mesa	23377116	214805401	847710	9924480	248954707
179.art	39168344	221304566	1.012E+09	17344963320	18617452560
181.mcf	1183260	54710568	41116970	129448560	226459358
183.equake	17415193	156794050	21673720	150426000	346308963
188.amp	45834100	45964082	6453900	1355994240	1454246322
197.parser	7083503	146965311	28057630	59053560	241160004
255.vortex	16533986	100790622	14863570	23172600	155360778
300.twolf	6002351	79062650	2804700	333240	88202941

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.27	88.51	2.46	4.76
124.m88ksim	25.99	72.06	0.36	1.60
126.gcc	5.03	76.47	8.57	9.93
129.compress	15.92	61.19	20.17	2.72
130.li	14.28	68.70	16.91	0.11
132.ijpeg	2.17	93.68	2.87	1.28
134.perl-Jumble	5.45	71.67	6.13	16.74
134.perl-Primes	5.08	93.52	0.09	1.31
164.gzip	4.74	50.58	38.25	6.43
175.vpr-Place	5.23	94.66	0.03	0.08
175.vpr-Route	9.27	62.38	18.92	9.43
177.mesa	9.39	86.28	0.34	3.99
179.art	0.21	1.19	5.44	93.17
181.mcf	0.52	24.16	18.16	57.16
183.equake	5.03	45.28	6.26	43.44
188.amp	3.15	3.16	0.44	93.24
197.parser	2.94	60.94	11.63	24.49
255.vortex	10.64	64.88	9.57	14.92
300.twolf	6.81	89.64	3.18	0.38

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166974345	4643170	8974920	180592435
124.m88ksim	19053932	94670	421800	19570402
126.gcc	392343418	43952840	50946960	487243218
129.compress	7592132	2502480	337320	10431932
130.li	49169428	12101770	76320	61347518
132.ijpeg	104085099	3184140	1418640	108687879
134.perl-Jumble	671733853	57499320	156890280	886123453
134.perl-Primes	3348336	3350	46920	3398606
164.gzip	108812807	82271240	13824840	204908887
175.vpr-Place	68581902	24360	55440	68661702
175.vpr-Route	30794797	9341360	4656240	44792397
177.mesa	214805401	847710	9924480	225577591
179.art	221304566	1.012E+09	17344963320	18578284216
181.mcf	54710568	41116970	129448560	225276098
183.equake	156794050	21673720	150426000	328893770
188.amp	45964082	6453900	1355994240	1408412222
197.parser	146965311	28057630	59053560	234076501
255.vortex	100790622	14863570	23172600	138826792
300.twolf	79062650	2804700	333240	82200590

	L1 Hits	L2 Hits	Memory Hits
099.go	92.46	2.57	4.97
124.m88ksim	97.36	0.48	2.16
126.gcc	80.52	9.02	10.46
129.compress	72.78	23.99	3.23
130.li	80.15	19.73	0.12
132.ijpeg	95.77	2.93	1.31
134.perl-Jumble	75.81	6.49	17.71
134.perl-Primes	98.52	0.10	1.38
164.gzip	53.10	40.15	6.75
175.vpr-Place	99.88	0.04	0.08
175.vpr-Route	68.75	20.85	10.40
177.mesa	95.22	0.38	4.40
179.art	1.19	5.45	93.36
181.mcf	24.29	18.25	57.46
183.equake	47.67	6.59	45.74
188.amp	3.26	0.46	96.28
197.parser	62.79	11.99	25.23
255.vortex	72.60	10.71	16.69
300.twolf	96.18	3.41	0.41

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8041827	166902772	505211	32374	175482184
124.m8ksim	6873738	19042315	9688	3442	25929183
126.gcc	25531830	392158344	4527862	285337	422503373
129.compress	1973487	7576238	251065	1805	9802595
130.li	10206524	49216990	1212070	507	60636091
132.ijpeg	2410175	104083709	329022	1318	106824224
134.perl-Jumble	51575086	672605022	5771305	1284623	731236036
134.perl-Primes	180607	3344524	338	383	3525852
164.gzip	10184769	108796092	8231544	108331	127320736
175.vpr-Place	3790832	68592769	2469	444	72386514
175.vpr-Route	4529734	30830810	964919	5649	36331112
177.mesa	23197122	214588920	84819	82657	237953518
179.art	39163209	224206943	65620196	180122222	509112570
181.mcf	1179657	54723995	4118528	1072370	61094550
183.quake	17457683	156825095	2200284	1220251	177703313
188.amp	45826584	45935269	486845	11457877	103706575
197.parser	7081330	147008082	2839136	459045	157387593
255.vortex	16228243	100979767	1573903	104954	118886867
300.twolf	5999051	79047976	283515	626	85331168

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.58	95.11	0.29	0.02
124.m8ksim	26.51	73.44	0.04	0.01
126.gcc	6.04	92.82	1.07	0.07
129.compress	20.13	77.29	2.56	0.02
130.li	16.83	81.17	2.00	0.00
132.ijpeg	2.26	97.43	0.31	0.00
134.perl-Jumble	7.05	91.98	0.79	0.18
134.perl-Primes	5.12	94.86	0.01	0.01
164.gzip	8.00	85.45	6.47	0.09
175.vpr-Place	5.24	94.76	0.00	0.00
175.vpr-Route	12.47	84.86	2.66	0.02
177.mesa	9.75	90.18	0.04	0.03
179.art	7.69	44.04	12.89	35.38
181.mcf	1.93	89.57	6.74	1.76
183.quake	9.82	88.25	1.24	0.69
188.amp	44.19	44.29	0.47	11.05
197.parser	4.50	93.41	1.80	0.29
255.vortex	13.65	84.94	1.32	0.09
300.twolf	7.03	92.64	0.33	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166902772	505211	32374	167440357
124.m8ksim	19042315	9688	3442	19055445
126.gcc	392158344	4527862	285337	396971543
129.compress	7576238	251065	1805	7829108
130.li	49216990	1212070	507	50429567
132.ijpeg	104083709	329022	1318	104414049
134.perl-Jumble	672605022	5771305	1284623	679660950
134.perl-Primes	3344524	338	383	3345245
164.gzip	108796092	8231544	108331	117135967
175.vpr-Place	68592769	2469	444	68595682
175.vpr-Route	30830810	964919	5649	31801378
177.mesa	214588920	84819	82657	214756396
179.art	224206943	65620196	180122222	469949361
181.mcf	54723995	4118528	1072370	59914893
183.quake	156825095	2200284	1220251	160245630
188.amp	45935269	486845	11457877	57879991
197.parser	147008082	2839136	459045	150306263
255.vortex	100979767	1573903	104954	102658624
300.twolf	79047976	283515	626	79332117

	L1 Hits	L2 Hits	Memory Hits
099.go	99.68	0.30	0.02
124.m8ksim	99.93	0.05	0.02
126.gcc	98.79	1.14	0.07
129.compress	96.77	3.21	0.02
130.li	97.60	2.40	0.00
132.ijpeg	99.68	0.32	0.00
134.perl-Jumble	98.96	0.85	0.19
134.perl-Primes	99.98	0.01	0.01
164.gzip	92.88	7.03	0.09
175.vpr-Place	100.00	0.00	0.00
175.vpr-Route	96.95	3.03	0.02
177.mesa	99.92	0.04	0.04
179.art	47.71	13.96	38.33
181.mcf	91.34	6.87	1.79
183.quake	97.87	1.37	0.76
188.amp	79.36	0.84	19.80
197.parser	97.81	1.89	0.31
255.vortex	98.36	1.53	0.10
300.twolf	99.64	0.36	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	8041827	166902772	5052110	3884880	183881589
124.m8ksim	6873738	19042315	96880	413040	26425973
126.gcc	25531830	392158344	45278620	34240440	497209234
129.compress	1973487	7576238	2510650	126600	12276975
130.li	10206524	49216990	12120700	60840	71605054
132.ijpeg	2410175	104083709	3290220	158160	109942264
134.perl-Jumble	51575086	672605022	57713050	154154760	936047918
134.perl-Primes	180607	3344524	3380	45960	3574471
164.gzip	10184769	108796092	82315440	12999720	214296021
175.vpr-Place	3790832	68592769	24690	53280	72461571
175.vpr-Route	4529734	30830810	9649190	677880	45687614
177.mesa	23197122	214588920	848190	9918840	248553072
179.art	39163209	224206943	656201960	21614666640	22534238752
181.mcf	1179657	54723995	41185280	128684400	225773332
183.quake	17457683	156825095	22002840	146430120	342715738
188.amp	45826584	45935269	4868450	1374945240	1471575543
197.parser	7081330	147008082	28391360	55085400	237566172
255.vortex	16228243	100979767	15739030	12594480	145541520
300.twolf	5999051	79047976	2835150	75120	87957297

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.37	90.77	2.75	2.11
124.m8ksim	26.01	72.06	0.37	1.56
126.gcc	5.14	78.87	9.11	6.89
129.compress	16.07	61.71	20.45	1.76
130.li	14.25	68.73	16.93	0.08
132.ijpeg	2.19	94.67	2.99	0.14
134.perl-Jumble	5.51	71.86	6.17	16.47
134.perl-Primes	5.05	93.57	0.09	1.29
164.gzip	4.75	50.77	38.41	6.07
175.vpr-Place	5.23	94.66	0.03	0.07
175.vpr-Route	9.91	67.48	21.12	1.48
177.mesa	9.33	86.34	0.34	3.99
179.art	0.17	0.99	2.91	95.92
181.mcf	0.52	24.24	18.24	57.00
183.quake	5.09	45.76	6.42	42.73
188.amp	3.11	3.12	0.33	93.43
197.parser	2.98	61.88	11.95	23.19
255.vortex	11.15	69.38	10.81	8.65
300.twolf	6.82	89.87	3.22	0.09

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	166902772	5052110	3884880	175839762
124.m8ksim	19042315	96880	413040	19552235
126.gcc	392158344	45278620	34240440	471677404
129.compress	7576238	2510650	126600	10303488
130.li	49216990	12120700	60840	61398530
132.ijpeg	104083709	3290220	158160	107532089
134.perl-Jumble	672605022	57713050	154154760	884472832
134.perl-Primes	3344524	3380	45960	3393864
164.gzip	108796092	82315440	12999720	204111252
175.vpr-Place	68592769	24690	53280	68670739
175.vpr-Route	30830810	9649190	677880	41157880
177.mesa	214588920	848190	9918840	225355950
179.art	224206943	656201960	21614666640	22495075543
181.mcf	54723995	41185280	128684400	224593675
183.quake	156825095	22002840	146430120	325258055
188.amp	45935269	4868450	1374945240	1425748959
197.parser	147008082	28391360	55085400	230484842
255.vortex	100979767	15739030	12594480	129313277
300.twolf	79047976	2835150	75120	81958246

	L1 Hits	L2 Hits	Memory Hits
099.go	94.92	2.87	2.21
124.m8ksim	97.39	0.50	2.11
126.gcc	83.14	9.60	7.26
129.compress	73.53	24.37	2.10
130.li	80.16	19.74	0.10
132.ijpeg	96.79	3.06	0.15
134.perl-Jumble	76.05	6.53	17.43
134.perl-Primes	98.55	0.10	1.35
164.gzip	53.30	40.33	6.37
175.vpr-Place	99.89	0.04	0.08
175.vpr-Route	74.91	23.44	1.65
177.mesa	95.22	0.38	4.40
179.art	1.00	2.92	96.09
181.mcf	24.37	18.34	57.30
183.quake	48.22	6.76	45.02
188.amp	3.22	0.34	96.44
197.parser	63.78	12.32	23.90
255.vortex	78.09	12.17	9.74
300.twolf	96.45	3.46	0.09