

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	21370202	293654568	32303618	1379833	348708221
124.m8ksim	4562632	101654908	3170166	10255	109397961
126.gcc	40984569	409860673	22216376	2749465	475811083
129.compress	65056	226912	9153	3237	304358
130.li	49396448	314956352	9585900	17449	373956149
132.jpeg	7405993	272591880	10875092	368763	291241728
134.perl-Scrabb	1613094	11565766	906405	12608	14097873
164.gzip	13113079	108971152	14274179	1144558	137502968
175.vpr-Place	424267	5622510	480609	1337	6528723
175.vpr-Route	239349	1549279	119943	2080	1910651
177.mesa	1.44E+08	489152932	10854924	213866	644575505
179.art	1.82E+08	313980985	51040751	496814932	1044257774
181.mcf	599616	29355549	5496725	1099163	36551053
183.equake	45318410	310126531	26783258	6575220	388803419
188.amp	10347326	13454682	150232	2223686	26175926
197.parser	1983763	80625392	2445313	340305	85394773
255.vortex	71416031	238583271	20558874	3490312	334048488
300.twolf	20555027	256595747	29958209	499432	307608415

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	6.13	84.21	9.26	0.40
124.m8ksim	4.17	92.92	2.90	0.01
126.gcc	8.61	86.14	4.67	0.58
129.compress	21.37	74.55	3.01	1.06
130.li	13.21	84.22	2.56	0.00
132.jpeg	2.54	93.60	3.73	0.13
134.perl-Scrabb	11.44	82.04	6.43	0.09
164.gzip	9.54	79.25	10.38	0.83
175.vpr-Place	6.50	86.12	7.36	0.02
175.vpr-Route	12.53	81.09	6.28	0.11
177.mesa	22.40	75.89	1.68	0.03
179.art	17.47	30.07	4.89	47.58
181.mcf	1.64	80.31	15.04	3.01
183.equake	11.66	79.76	6.89	1.69
188.amp	39.53	51.40	0.57	8.50
197.parser	2.32	94.41	2.86	0.40
255.vortex	21.38	71.42	6.15	1.04
300.twolf	6.68	83.42	9.74	0.16

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293654568	32303618	1379833	327338019
124.m8ksim	101654908	3170166	10255	104835329
126.gcc	409860673	22216376	2749465	434826514
129.compress	226912	9153	3237	239302
130.li	314956352	9585900	17449	324559701
132.jpeg	272591880	10875092	368763	283835735
134.perl-Scrabb	11565766	906405	12608	12484779
164.gzip	108971152	14274179	1144558	124389889
175.vpr-Place	5622510	480609	1337	6104456
175.vpr-Route	1549279	119943	2080	1671302
177.mesa	489152932	10854924	213866	500221722
179.art	313980985	51040751	496814932	861836668
181.mcf	29355549	5496725	1099163	35951437
183.equake	310126531	26783258	6575220	343485009
188.amp	13454682	150232	2223686	15828600
197.parser	80625392	2445313	340305	83411010
255.vortex	238583271	20558874	3490312	262632457
300.twolf	256595747	29958209	499432	287053388

	L1 Hits	L2 Hits	Memory Hits
099.go	89.71	9.87	0.42
124.m8ksim	96.97	3.02	0.01
126.gcc	94.26	5.11	0.63
129.compress	94.82	3.82	1.35
130.li	97.04	2.95	0.01
132.jpeg	96.04	3.83	0.13
134.perl-Scrabb	92.64	7.26	0.10
164.gzip	87.60	11.48	0.92
175.vpr-Place	92.11	7.87	0.02
175.vpr-Route	92.70	7.18	0.12
177.mesa	97.79	2.17	0.04
179.art	36.43	5.92	57.65
181.mcf	81.65	15.29	3.06
183.equake	90.29	7.80	1.91
188.amp	85.00	0.95	14.05
197.parser	96.66	2.93	0.41
255.vortex	90.84	7.83	1.33
300.twolf	89.39	10.44	0.17

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	21370202	293654568	323036180	165579960	803640910
124.m8ksim	4562632	101654908	31701660	1230600	139149800
126.gcc	40984569	409860673	222163760	329935800	1002944802
129.compress	65056	226912	91530	388440	771938
130.li	49396448	314956352	95859000	2093880	462305680
132.jpeg	7405993	272591880	108750920	44251560	433000353
134.perl-Scrabb	1613094	11565766	9064050	1512960	23755870
164.gzip	13113079	108971152	142741790	137346960	402172981
175.vpr-Place	424267	5622510	4806090	160440	11013307
175.vpr-Route	239349	1549279	1199430	249600	3237658
177.mesa	1.44E+08	489152932	108549240	25663920	767719875
179.art	1.82E+08	313980985	510407510	59617791840	60624601441
181.mcf	599616	29355549	54967250	131899560	216821975
183.equake	45318410	310126531	267832580	789026400	1412303921
188.amp	10347326	13454682	1502320	266842320	292146648
197.parser	1983763	80625392	24453130	40836600	147898885
255.vortex	71416031	238583271	205588740	418837440	934425482
300.twolf	20555027	256595747	299582090	59931840	636664704

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	2.66	36.54	40.20	20.60
124.m8ksim	3.28	73.05	22.78	0.88
126.gcc	4.09	40.87	22.15	32.90
129.compress	8.43	29.40	11.86	50.32
130.li	10.68	68.13	20.73	0.45
132.jpeg	1.71	62.95	25.12	10.22
134.perl-Scrabb	6.79	48.69	38.15	6.37
164.gzip	3.26	27.10	35.49	34.15
175.vpr-Place	3.85	51.05	43.64	1.46
175.vpr-Route	7.39	47.85	37.05	7.71
177.mesa	18.80	63.72	14.14	3.34
179.art	0.30	0.52	0.84	98.34
181.mcf	0.28	13.54	25.35	60.83
183.equake	3.21	21.96	18.96	55.87
188.amp	3.54	4.61	0.51	91.34
197.parser	1.34	54.51	16.53	27.61
255.vortex	7.64	25.53	22.00	44.82
300.twolf	3.23	40.30	47.05	9.41

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293654568	323036180	165579960	782270708
124.m8ksim	101654908	31701660	1230600	134587168
126.gcc	409860673	222163760	329935800	961960233
129.compress	226912	91530	388440	706882
130.li	314956352	95859000	2093880	412909232
132.jpeg	272591880	108750920	44251560	425594360
134.perl-Scrabb	11565766	9064050	1512960	22142776
164.gzip	108971152	142741790	137346960	389059902
175.vpr-Place	5622510	4806090	160440	10589040
175.vpr-Route	1549279	1199430	249600	2998309
177.mesa	489152932	108549240	25663920	623366092
179.art	313980985	510407510	59617791840	60442180335
181.mcf	29355549	54967250	131899560	216222359
183.equake	310126531	267832580	789026400	1366985511
188.amp	13454682	1502320	266842320	281799322
197.parser	80625392	24453130	40836600	145915122
255.vortex	238583271	205588740	418837440	863009451
300.twolf	256595747	299582090	59931840	616109677

	L1 Hits	L2 Hits	Memory Hits
099.go	37.54	41.29	21.17
124.m8ksim	75.53	23.55	0.91
126.gcc	42.61	23.09	34.30
129.compress	32.10	12.95	54.95
130.li	76.28	23.22	0.51
132.jpeg	64.05	25.55	10.40
134.perl-Scrabb	52.23	40.93	6.83
164.gzip	28.01	36.69	35.30
175.vpr-Place	53.10	45.39	1.52
175.vpr-Route	51.67	40.00	8.32
177.mesa	78.47	17.41	4.12
179.art	0.52	0.84	98.64
181.mcf	13.58	25.42	61.00
183.equake	22.69	19.59	57.72
188.amp	4.77	0.53	94.69
197.parser	55.25	16.76	27.99
255.vortex	27.65	23.82	48.53
300.twolf	41.65	48.62	9.73

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20654940	292824782	32918595	595298	346993615
124.m8ksim	4521035	101742434	3189750	3402	109456621
126.gcc	39459200	409731329	23098124	1802647	474091300
129.compress	64783	227701	8358	4088	304930
130.li	49205950	313988994	9591042	1581	372787567
132.jpeg	7496633	272515746	10859221	383820	291255420
134.perl-Scrabb	1600969	11504147	913879	3534	14022529
164.gzip	12936568	108577141	14638711	728435	136880855
175.vpr-Place	424032	5626055	480799	511	6531397
175.vpr-Route	238526	1550303	119984	1525	1910338
177.mesa	1.45E+08	488310183	12090247	209998	646018960
179.art	1.82E+08	313990051	51052782	496802633	1044267022
181.mcf	590831	29289713	5575826	1014857	36471227
183.equake	45269764	310252774	26886698	6475178	388884414
188.amp	10267559	13526139	145451	2227892	26167041
197.parser	1979714	80644430	2463102	326593	85413839
255.vortex	70619010	239673961	20884444	2546900	333724315
300.twolf	20277815	254457592	30825566	77583	305638556

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.95	84.39	9.49	0.17
124.m8ksim	4.13	92.95	2.91	0.00
126.gcc	8.32	86.42	4.87	0.38
129.compress	21.25	74.67	2.74	1.34
130.li	13.20	84.23	2.57	0.00
132.jpeg	2.57	93.57	3.73	0.13
134.perl-Scrabb	11.42	82.04	6.52	0.03
164.gzip	9.45	79.32	10.69	0.53
175.vpr-Place	6.49	86.14	7.36	0.01
175.vpr-Route	12.49	81.15	6.28	0.08
177.mesa	22.51	75.59	1.87	0.03
179.art	17.47	30.07	4.89	47.57
181.mcf	1.62	80.31	15.29	2.78
183.equake	11.64	79.78	6.91	1.67
188.amp	39.24	51.69	0.56	8.51
197.parser	2.32	94.42	2.88	0.38
255.vortex	21.16	71.82	6.26	0.76
300.twolf	6.63	83.25	10.09	0.03

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292824782	32918595	595298	326338675
124.m8ksim	101742434	3189750	3402	104935586
126.gcc	409731329	23098124	1802647	434632100
129.compress	227701	8358	4088	240147
130.li	313988994	9591042	1581	323581617
132.jpeg	272515746	10859221	383820	283758787
134.perl-Scrabb	11504147	913879	3534	12421560
164.gzip	108577141	14638711	728435	123944287
175.vpr-Place	5626055	480799	511	6107365
175.vpr-Route	1550303	119984	1525	1671812
177.mesa	488310183	12090247	209998	500610428
179.art	313990051	51052782	496802633	861845466
181.mcf	29289713	5575826	1014857	35880396
183.equake	310252774	26886698	6475178	343614650
188.amp	13526139	145451	2227892	15899482
197.parser	80644430	2463102	326593	83434125
255.vortex	239673961	20884444	2546900	263105305
300.twolf	254457592	30825566	77583	285360741

	L1 Hits	L2 Hits	Memory Hits
099.go	89.73	10.09	0.18
124.m8ksim	96.96	3.04	0.00
126.gcc	94.27	5.31	0.41
129.compress	94.82	3.48	1.70
130.li	97.04	2.96	0.00
132.jpeg	96.04	3.83	0.14
134.perl-Scrabb	92.61	7.36	0.03
164.gzip	87.60	11.81	0.59
175.vpr-Place	92.12	7.87	0.01
175.vpr-Route	92.73	7.18	0.09
177.mesa	97.54	2.42	0.04
179.art	36.43	5.92	57.64
181.mcf	81.63	15.54	2.83
183.equake	90.29	7.82	1.88
188.amp	85.07	0.91	14.01
197.parser	96.66	2.95	0.39
255.vortex	91.09	7.94	0.97
300.twolf	89.17	10.80	0.03

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20654940	292824782	329185950	71435760	714101432
124.m8ksim	4521035	101742434	31897500	408240	138569209
126.gcc	39459200	409731329	230981240	216317640	896489409
129.compress	64783	227701	83580	490560	866624
130.li	49205950	313988994	95910420	189720	459295084
132.jpeg	7496633	272515746	108592210	46058400	434662989
134.perl-Scrabb	1600969	11504147	9138790	424080	22667986
164.gzip	12936568	108577141	146387110	87412200	355313019
175.vpr-Place	424032	5626055	4807990	61320	10919397
175.vpr-Route	238526	1550303	1199840	183000	3171669
177.mesa	1.45E+08	488310183	120902470	25199760	779820945
179.art	1.82E+08	313990051	510527820	59616315960	60623255387
181.mcf	590831	29289713	55758260	121782840	207421644
183.equake	45269764	310252774	268866980	777021360	1401410878
188.amp	10267559	13526139	1454510	267347040	292595248
197.parser	1979714	80644430	24631020	39191160	146446324
255.vortex	70619010	239673961	208844440	305628000	824765411
300.twolf	20277815	254457592	308255660	9309960	592301027

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	2.89	41.01	46.10	10.00
124.m8ksim	3.26	73.42	23.02	0.29
126.gcc	4.40	45.70	25.77	24.13
129.compress	7.48	26.27	9.64	56.61
130.li	10.71	68.36	20.88	0.04
132.jpeg	1.72	62.70	24.98	10.60
134.perl-Scrabb	7.06	50.75	40.32	1.87
164.gzip	3.64	30.56	41.20	24.60
175.vpr-Place	3.88	51.52	44.03	0.56
175.vpr-Route	7.52	48.88	37.83	5.77
177.mesa	18.65	62.62	15.50	3.23
179.art	0.30	0.52	0.84	98.34
181.mcf	0.28	14.12	26.88	58.71
183.equake	3.23	22.14	19.19	55.45
188.amp	3.51	4.62	0.50	91.37
197.parser	1.35	55.07	16.82	26.76
255.vortex	8.56	29.06	25.32	37.06
300.twolf	3.42	42.96	52.04	1.57

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292824782	329185950	71435760	693446492
124.m8ksim	101742434	31897500	408240	134048174
126.gcc	409731329	230981240	216317640	857030209
129.compress	227701	83580	490560	801841
130.li	313988994	95910420	189720	410089134
132.jpeg	272515746	108592210	46058400	427166356
134.perl-Scrabb	11504147	9138790	424080	21067017
164.gzip	108577141	146387110	87412200	342376451
175.vpr-Place	5626055	4807990	61320	10495365
175.vpr-Route	1550303	1199840	183000	2933143
177.mesa	488310183	120902470	25199760	634412413
179.art	313990051	510527820	59616315960	60440833831
181.mcf	29289713	55758260	121782840	206830813
183.equake	310252774	268866980	777021360	1356141114
188.amp	13526139	1454510	267347040	282327689
197.parser	80644430	24631020	39191160	144466610
255.vortex	239673961	208844440	305628000	754146401
300.twolf	254457592	308255660	9309960	572023212

	L1 Hits	L2 Hits	Memory Hits
099.go	42.23	47.47	10.30
124.m8ksim	75.90	23.80	0.30
126.gcc	47.81	26.95	25.24
129.compress	28.40	10.42	61.18
130.li	76.57	23.39	0.05
132.jpeg	63.80	25.42	10.78
134.perl-Scrabb	54.61	43.38	2.01
164.gzip	31.71	42.76	25.53
175.vpr-Place	53.61	45.81	0.58
175.vpr-Route	52.85	40.91	6.24
177.mesa	76.97	19.06	3.97
179.art	0.52	0.84	98.64
181.mcf	14.16	26.96	58.88
183.equake	22.88	19.83	57.30
188.amp	4.79	0.52	94.69
197.parser	55.82	17.05	27.13
255.vortex	31.78	27.69	40.53
300.twolf	44.48	53.89	1.63

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20614162	293346495	33326443	225215	347512315
124.m8ksim	4574838	101570238	3165108	1763	109311947
126.gcc	37542337	408464224	24328454	435375	470770390
129.compress	63971	227691	11184	1173	304019
130.li	49237599	313595229	9589109	640	372422577
132.jpeg	7045561	272885951	11155927	83752	291171191
134.perl-Scrabb	1597439	11514248	917480	1349	14030516
164.gzip	12739218	108214434	15247622	112753	136314027
175.vpr-Place	424947	5624478	481791	288	6531504
175.vpr-Route	239058	1547715	120994	1118	1908885
177.mesa	1.45E+08	488338210	11607731	209195	645199306
179.art	1.82E+08	317768716	148503532	399392311	1048100189
181.mcf	554196	29095623	5763800	809710	36223329
183.equake	45258048	310442232	27227784	6141871	389069935
188.amp	10255956	13535958	751371	1621527	26164812
197.parser	1978536	80349492	2577609	206061	85111698
255.vortex	67689601	242106094	22621208	773001	333189904
300.twolf	20238410	256467018	30338781	29141	307073350

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.93	84.41	9.59	0.06
124.m8ksim	4.19	92.92	2.90	0.00
126.gcc	7.97	86.77	5.17	0.09
129.compress	21.04	74.89	3.68	0.39
130.li	13.22	84.20	2.57	0.00
132.jpeg	2.42	93.72	3.83	0.03
134.perl-Scrabb	11.39	82.07	6.54	0.01
164.gzip	9.35	79.39	11.19	0.08
175.vpr-Place	6.51	86.11	7.38	0.00
175.vpr-Route	12.52	81.08	6.34	0.06
177.mesa	22.48	75.69	1.80	0.03
179.art	17.41	30.32	14.17	38.11
181.mcf	1.53	80.32	15.91	2.24
183.equake	11.63	79.79	7.00	1.58
188.amp	39.20	51.73	2.87	6.20
197.parser	2.32	94.40	3.03	0.24
255.vortex	20.32	72.66	6.79	0.23
300.twolf	6.59	83.52	9.88	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293346495	33326443	225215	326898153
124.m8ksim	101570238	3165108	1763	104737109
126.gcc	408464224	24328454	435375	433228053
129.compress	227691	11184	1173	240048
130.li	313595229	9589109	640	323184978
132.jpeg	272885951	11155927	83752	284125630
134.perl-Scrabb	11514248	917480	1349	12433077
164.gzip	108214434	15247622	112753	123574809
175.vpr-Place	5624478	481791	288	6106557
175.vpr-Route	1547715	120994	1118	1669827
177.mesa	488338210	11607731	209195	500155136
179.art	317768716	148503532	399392311	865664559
181.mcf	29095623	5763800	809710	35669133
183.equake	310442232	27227784	6141871	343811887
188.amp	13535958	751371	1621527	15908856
197.parser	80349492	2577609	206061	83133162
255.vortex	242106094	22621208	773001	265500303
300.twolf	256467018	30338781	29141	286834940

	L1 Hits	L2 Hits	Memory Hits
099.go	89.74	10.19	0.07
124.m8ksim	96.98	3.02	0.00
126.gcc	94.28	5.62	0.10
129.compress	94.85	4.66	0.49
130.li	97.03	2.97	0.00
132.jpeg	96.04	3.93	0.03
134.perl-Scrabb	92.61	7.38	0.01
164.gzip	87.57	12.34	0.09
175.vpr-Place	92.11	7.89	0.00
175.vpr-Route	92.69	7.25	0.07
177.mesa	97.64	2.32	0.04
179.art	36.71	17.15	46.14
181.mcf	81.57	16.16	2.27
183.equake	90.29	7.92	1.79
188.amp	85.08	4.72	10.19
197.parser	96.65	3.10	0.25
255.vortex	91.19	8.52	0.29
300.twolf	89.41	10.58	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20614162	293346495	333264430	27025800	674250887
124.m8ksim	4574838	101570238	31651080	211560	138007716
126.gcc	37542337	408464224	243284540	52245000	741536101
129.compress	63971	227691	111840	140760	544262
130.li	49237599	313595229	95891090	76800	458800718
132.jpeg	7045561	272885951	111559270	10050240	401541022
134.perl-Scrabb	1597439	11514248	9174800	161880	22448367
164.gzip	12739218	108214434	152476220	13530360	286960232
175.vpr-Place	424947	5624478	4817910	34560	10901895
175.vpr-Route	239058	1547715	1209940	134160	3130873
177.mesa	1.45E+08	488338210	116077310	25103400	774563090
179.art	1.82E+08	317768716	1.485E+09	47927077320	49912316986
181.mcf	554196	29095623	57638000	97165200	184453019
183.equake	45258048	310442232	272277840	737024520	1365002640
188.amp	10255956	13535958	7513710	194583240	225888864
197.parser	1978536	80349492	25776090	24727320	132831438
255.vortex	67689601	242106094	226212080	92760120	628767895
300.twolf	20238410	256467018	303387810	3496920	583590158

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.06	43.51	49.43	4.01
124.m8ksim	3.31	73.60	22.93	0.15
126.gcc	5.06	55.08	32.81	7.05
129.compress	11.75	41.83	20.55	25.86
130.li	10.73	68.35	20.90	0.02
132.jpeg	1.75	67.96	27.78	2.50
134.perl-Scrabb	7.12	51.29	40.87	0.72
164.gzip	4.44	37.71	53.13	4.72
175.vpr-Place	3.90	51.59	44.19	0.32
175.vpr-Route	7.64	49.43	38.65	4.29
177.mesa	18.73	63.05	14.99	3.24
179.art	0.37	0.64	2.98	96.02
181.mcf	0.30	15.77	31.25	52.68
183.equake	3.32	22.74	19.95	53.99
188.amp	4.54	5.99	3.33	86.14
197.parser	1.49	60.49	19.41	18.62
255.vortex	10.77	38.50	35.98	14.75
300.twolf	3.47	43.95	51.99	0.60

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293346495	333264430	27025800	653636725
124.m8ksim	101570238	31651080	211560	133432878
126.gcc	408464224	243284540	52245000	703993764
129.compress	227691	111840	140760	480291
130.li	313595229	95891090	76800	409563119
132.jpeg	272885951	111559270	10050240	394495461
134.perl-Scrabb	11514248	9174800	161880	20850928
164.gzip	108214434	152476220	13530360	274221014
175.vpr-Place	5624478	4817910	34560	10476948
175.vpr-Route	1547715	1209940	134160	2891815
177.mesa	488338210	116077310	25103400	629518920
179.art	317768716	1.485E+09	47927077320	49729881356
181.mcf	29095623	57638000	97165200	183898823
183.equake	310442232	272277840	737024520	1319744592
188.amp	13535958	7513710	194583240	215632908
197.parser	80349492	25776090	24727320	130852902
255.vortex	242106094	226212080	92760120	561078294
300.twolf	256467018	303387810	3496920	563351748

	L1 Hits	L2 Hits	Memory Hits
099.go	44.88	50.99	4.13
124.m8ksim	76.12	23.72	0.16
126.gcc	58.02	34.56	7.42
129.compress	47.41	23.29	29.31
130.li	76.57	23.41	0.02
132.jpeg	69.17	28.28	2.55
134.perl-Scrabb	55.22	44.00	0.78
164.gzip	39.46	55.60	4.93
175.vpr-Place	53.68	45.99	0.33
175.vpr-Route	53.52	41.84	4.64
177.mesa	77.57	18.44	3.99
179.art	0.64	2.99	96.37
181.mcf	15.82	31.34	52.84
183.equake	23.52	20.63	55.85
188.amp	6.28	3.48	90.24
197.parser	61.40	19.70	18.90
255.vortex	43.15	40.32	16.53
300.twolf	45.53	53.85	0.62

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20557590	293294662	33435260	105161	347392673
124.m8ksim	4568205	101561091	3177330	2299	109308925
126.gcc	3.13E+08	1.491E+09	581454870	546094803	2931835047
129.compress	63582	227639	11233	1107	303561
130.li	49240039	313567540	9589968	446	372397993
132.jpeg	7018060	272866754	11188987	47324	291121125
134.perl-Scrabb	1589663	11540362	919743	829	14050597
164.gzip	12736128	108323914	15256925	107767	136424734
175.vpr-Place	425413	5625678	481575	274	6532940
175.vpr-Route	238361	1547299	120743	874	1907277
177.mesa	1.45E+08	488188893	11929189	208902	645513843
179.art	1.82E+08	313973557	51073712	496781915	1044250967
181.mcf	549841	29097860	5768196	803013	36218910
183.equake	45261624	310447666	27255063	6114191	389078544
188.amp	10257751	13548658	594279	1779251	26179939
197.parser	1975646	80398261	2593461	198186	85165554
255.vortex	66122703	243112070	23043648	339741	332618162
300.twolf	20233810	256496531	30364289	2482	307097112

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.92	84.43	9.62	0.03
124.m8ksim	4.18	92.91	2.91	0.00
126.gcc	10.67	50.87	19.83	18.63
129.compress	20.95	74.99	3.70	0.36
130.li	13.22	84.20	2.58	0.00
132.jpeg	2.41	93.73	3.84	0.02
134.perl-Scrabb	11.31	82.13	6.55	0.01
164.gzip	9.34	79.40	11.18	0.08
175.vpr-Place	6.51	86.11	7.37	0.00
175.vpr-Route	12.50	81.13	6.33	0.05
177.mesa	22.49	75.63	1.85	0.03
179.art	17.47	30.07	4.89	47.57
181.mcf	1.52	80.34	15.93	2.22
183.equake	11.63	79.79	7.01	1.57
188.amp	39.18	51.75	2.27	6.80
197.parser	2.32	94.40	3.05	0.23
255.vortex	19.88	73.09	6.93	0.10
300.twolf	6.59	83.52	9.89	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293294662	33435260	105161	326835083
124.m8ksim	101561091	3177330	2299	104740720
126.gcc	1.491E+09	581454870	546094803	2619031693
129.compress	227639	11233	1107	239979
130.li	313567540	9589968	446	323157954
132.jpeg	272866754	11188987	47324	284103065
134.perl-Scrabb	11540362	919743	829	12460934
164.gzip	108323914	15256925	107767	123688606
175.vpr-Place	5625678	481575	274	6107527
175.vpr-Route	1547299	120743	874	1668916
177.mesa	488188893	11929189	208902	500326984
179.art	313973557	51073712	496781915	861829184
181.mcf	29097860	5768196	803013	35669069
183.equake	310447666	27255063	6114191	343816920
188.amp	13548658	594279	1779251	15922188
197.parser	80398261	2593461	198186	83189908
255.vortex	243112070	23043648	339741	266495459
300.twolf	256496531	30364289	2482	286863302

	L1 Hits	L2 Hits	Memory Hits
099.go	89.74	10.23	0.03
124.m8ksim	96.96	3.03	0.00
126.gcc	56.95	22.20	20.85
129.compress	94.86	4.68	0.46
130.li	97.03	2.97	0.00
132.jpeg	96.04	3.94	0.02
134.perl-Scrabb	92.61	7.38	0.01
164.gzip	87.58	12.33	0.09
175.vpr-Place	92.11	7.88	0.00
175.vpr-Route	92.71	7.23	0.05
177.mesa	97.57	2.38	0.04
179.art	36.43	5.93	57.64
181.mcf	81.58	16.17	2.25
183.equake	90.29	7.93	1.78
188.amp	85.09	3.73	11.17
197.parser	96.64	3.12	0.24
255.vortex	91.23	8.65	0.13
300.twolf	89.41	10.58	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	20557590	293294662	334352600	12619320	660824172
124.m8ksim	4568205	101561091	31773300	275880	138178476
126.gcc	3.13E+08	1.491E+09	5.815E+09	65531376360	73150210434
129.compress	63582	227639	112330	132840	536391
130.li	49240039	313567540	95899680	53520	458760779
132.jpeg	7018060	272866754	111889870	5678880	397453564
134.perl-Scrabb	1589663	11540362	9197430	99480	22426935
164.gzip	12736128	108323914	152569250	12932040	286561332
175.vpr-Place	425413	5625678	4815750	32880	10899721
175.vpr-Route	238361	1547299	1207430	104880	3097970
177.mesa	1.45E+08	488188893	119291890	25068240	777735882
179.art	1.82E+08	313973557	510737120	59613829800	60620962260
181.mcf	549841	29097860	57681960	96361560	183691221
183.equake	45261624	310447666	272550630	733702920	1361962840
188.amp	10257751	13548658	5942790	213510120	243259319
197.parser	1975646	80398261	25934610	23782320	132090837
255.vortex	66122703	243112070	230436480	40768920	580440173
300.twolf	20233810	256496531	303642890	297840	580671071

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.11	44.38	50.60	1.91
124.m8ksim	3.31	73.50	22.99	0.20
126.gcc	0.43	2.04	7.95	89.58
129.compress	11.85	42.44	20.94	24.77
130.li	10.73	68.35	20.90	0.01
132.jpeg	1.77	68.65	28.15	1.43
134.perl-Scrabb	7.09	51.46	41.01	0.44
164.gzip	4.44	37.80	53.24	4.51
175.vpr-Place	3.90	51.61	44.18	0.30
175.vpr-Route	7.69	49.95	38.97	3.39
177.mesa	18.67	62.77	15.34	3.22
179.art	0.30	0.52	0.84	98.34
181.mcf	0.30	15.84	31.40	52.46
183.equake	3.32	22.79	20.01	53.87
188.amp	4.22	5.57	2.44	87.77
197.parser	1.50	60.87	19.63	18.00
255.vortex	11.39	41.88	39.70	7.02
300.twolf	3.48	44.17	52.29	0.05

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293294662	334352600	12619320	640266582
124.m8ksim	101561091	31773300	275880	133610271
126.gcc	1.491E+09	5.815E+09	65531376360	72837407080
129.compress	227639	112330	132840	472809
130.li	313567540	95899680	53520	409520740
132.jpeg	272866754	111889870	5678880	390435504
134.perl-Scrabb	11540362	9197430	99480	20837272
164.gzip	108323914	152569250	12932040	273825204
175.vpr-Place	5625678	4815750	32880	10474308
175.vpr-Route	1547299	1207430	104880	2859609
177.mesa	488188893	119291890	25068240	632549023
179.art	313973557	510737120	59613829800	60438540477
181.mcf	29097860	57681960	96361560	183141380
183.equake	310447666	272550630	733702920	1316701216
188.amp	13548658	5942790	213510120	233001568
197.parser	80398261	25934610	23782320	130115191
255.vortex	243112070	230436480	40768920	514317470
300.twolf	256496531	303642890	297840	560437261

	L1 Hits	L2 Hits	Memory Hits
099.go	45.81	52.22	1.97
124.m8ksim	76.01	23.78	0.21
126.gcc	2.05	7.98	89.97
129.compress	48.15	23.76	28.10
130.li	76.57	23.42	0.01
132.jpeg	69.89	28.66	1.45
134.perl-Scrabb	55.38	44.14	0.48
164.gzip	39.56	55.72	4.72
175.vpr-Place	53.71	45.98	0.31
175.vpr-Route	54.11	42.22	3.67
177.mesa	77.18	18.86	3.96
179.art	0.52	0.85	98.64
181.mcf	15.89	31.50	52.62
183.equake	23.58	20.70	55.72
188.amp	5.81	2.55	91.63
197.parser	61.79	19.93	18.28
255.vortex	47.27	44.80	7.93
300.twolf	45.77	54.18	0.05

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	17484302	292636656	11339071	1112479	322572508
124.m8ksim	4167756	99999056	311195	7493	104485500
126.gcc	34466199	410123666	10608822	2510231	457708918
129.compress	62126	229034	7519	3148	301827
130.li	44004410	317512983	5226048	21825	366765266
132.jpeg	5.89E+08	892163061	298057970	886138961	2665282308
134.perl-Scrabb	1353586	11860423	319591	12162	13545762
164.gzip	12669858	109215115	13534792	1139642	136559407
175.vpr-Place	364809	5650374	24316	1038	6040537
175.vpr-Route	215038	1533436	55662	1709	1805845
177.mesa	1.35E+08	505133247	1118873	211834	641523871
179.art	1.82E+08	316947146	48138120	496800931	1044305653
181.mcf	597829	29271990	5157244	1099292	36126355
183.equake	45523707	319819202	14760512	6568552	386671973
188.amp	10169278	13701664	54670	2217665	26143277
197.parser	1882517	75547981	675705	335059	78441262
255.vortex	58278575	259854347	9073446	3185418	330391786
300.twolf	19969456	260981420	22163043	484908	303598827

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.42	90.72	3.52	0.34
124.m8ksim	3.99	95.71	0.30	0.01
126.gcc	7.53	89.60	2.32	0.55
129.compress	20.58	75.88	2.49	1.04
130.li	12.00	86.57	1.42	0.01
132.jpeg	22.10	33.47	11.18	33.25
134.perl-Scrabb	9.99	87.56	2.36	0.09
164.gzip	9.28	79.98	9.91	0.83
175.vpr-Place	6.04	93.54	0.40	0.02
175.vpr-Route	11.91	84.92	3.08	0.09
177.mesa	21.05	78.74	0.17	0.03
179.art	17.47	30.35	4.61	47.57
181.mcf	1.65	81.03	14.28	3.04
183.equake	11.77	82.71	3.82	1.70
188.amp	38.90	52.41	0.21	8.48
197.parser	2.40	96.31	0.86	0.43
255.vortex	17.64	78.65	2.75	0.96
300.twolf	6.58	85.96	7.30	0.16

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292636656	11339071	1112479	305088206
124.m8ksim	99999056	311195	7493	100317744
126.gcc	410123666	10608822	2510231	423242719
129.compress	229034	7519	3148	239701
130.li	317512983	5226048	21825	322760856
132.jpeg	892163061	298057970	886138961	2076359992
134.perl-Scrabb	11860423	319591	12162	12192176
164.gzip	109215115	13534792	1139642	123889549
175.vpr-Place	5650374	24316	1038	5675728
175.vpr-Route	1533436	55662	1709	1590807
177.mesa	505133247	1118873	211834	506463954
179.art	316947146	48138120	496800931	861886197
181.mcf	29271990	5157244	1099292	3528526
183.equake	319819202	14760512	6568552	341148266
188.amp	13701664	54670	2217665	15973999
197.parser	75547981	675705	335059	76558745
255.vortex	259854347	9073446	3185418	272113211
300.twolf	260981420	22163043	484908	283629371

	L1 Hits	L2 Hits	Memory Hits
099.go	95.92	3.72	0.36
124.m8ksim	99.68	0.31	0.01
126.gcc	96.90	2.51	0.59
129.compress	95.55	3.14	1.31
130.li	98.37	1.62	0.01
132.jpeg	42.97	14.35	42.68
134.perl-Scrabb	97.28	2.62	0.10
164.gzip	88.16	10.92	0.92
175.vpr-Place	99.55	0.43	0.02
175.vpr-Route	96.39	3.50	0.11
177.mesa	99.74	0.22	0.04
179.art	36.77	5.59	57.64
181.mcf	82.39	14.52	3.09
183.equake	93.75	4.33	1.93
188.amp	85.77	0.34	13.88
197.parser	98.68	0.88	0.44
255.vortex	95.49	3.33	1.17
300.twolf	92.01	7.81	0.17

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	17484302	292636656	113390710	133497480	557009148
124.m8ksim	4167756	99999056	3111950	899160	108177922
126.gcc	34466199	410123666	106088220	301227720	851905805
129.compress	62126	229034	75190	377760	744110
130.li	44004410	317512983	52260480	2619000	416396873
132.jpeg	5.89E+08	892163061	2.981E+09	1.06337E+11	1.10798E+11
134.perl-Scrabb	1353586	11860423	3195910	1459440	17869359
164.gzip	12669858	109215115	135347920	136757040	393989933
175.vpr-Place	364809	5650374	243160	124560	6382903
175.vpr-Route	215038	1533436	556620	205080	2510174
177.mesa	1.35E+08	505133247	11188730	25420080	676801974
179.art	1.82E+08	316947146	481381200	59616111720	60596859522
181.mcf	597829	29271990	51572440	131915040	213357299
183.equake	45523707	319819202	147605120	788226240	1301174269
188.amp	10169278	13701664	546700	266119800	290537442
197.parser	1882517	75547981	6757050	40207080	124394628
255.vortex	58278575	259854347	90734460	382250160	791117542
300.twolf	19969456	260981420	221630430	58188960	560770266

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.14	52.54	20.36	23.97
124.m8ksim	3.85	92.44	2.88	0.83
126.gcc	4.05	48.14	12.45	35.36
129.compress	8.35	30.78	10.10	50.77
130.li	10.57	76.25	12.55	0.63
132.jpeg	0.53	0.81	2.69	95.97
134.perl-Scrabb	7.57	66.37	17.88	8.17
164.gzip	3.22	27.72	34.35	34.71
175.vpr-Place	5.72	88.52	3.81	1.95
175.vpr-Route	8.57	61.09	22.17	8.17
177.mesa	19.96	74.64	1.65	3.76
179.art	0.30	0.52	0.79	98.38
181.mcf	0.28	13.72	24.17	61.83
183.equake	3.50	24.58	11.34	60.58
188.amp	3.50	4.72	0.19	91.60
197.parser	1.51	60.73	5.43	32.32
255.vortex	7.37	32.85	11.47	48.32
300.twolf	3.56	46.54	39.52	10.38

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292636656	113390710	133497480	539524846
124.m8ksim	99999056	3111950	899160	104010166
126.gcc	410123666	106088220	301227720	817439606
129.compress	229034	75190	377760	681984
130.li	317512983	52260480	2619000	372392463
132.jpeg	892163061	2.981E+09	1.06337E+11	1.10209E+11
134.perl-Scrabb	11860423	3195910	1459440	16515773
164.gzip	109215115	135347920	136757040	381320075
175.vpr-Place	5650374	243160	124560	6018094
175.vpr-Route	1533436	556620	205080	2295136
177.mesa	505133247	11188730	25420080	541742057
179.art	316947146	481381200	59616111720	60414440066
181.mcf	29271990	51572440	131915040	212759470
183.equake	319819202	147605120	788226240	1255650562
188.amp	13701664	546700	266119800	280368164
197.parser	75547981	6757050	40207080	122512111
255.vortex	259854347	90734460	382250160	732838967
300.twolf	260981420	221630430	58188960	540800810

	L1 Hits	L2 Hits	Memory Hits
099.go	54.24	21.02	24.74
124.m8ksim	96.14	2.99	0.86
126.gcc	50.17	12.98	36.85
129.compress	33.58	11.03	55.39
130.li	85.26	14.03	0.70
132.jpeg	0.81	2.70	96.49
134.perl-Scrabb	71.81	19.35	8.84
164.gzip	28.64	35.49	35.86
175.vpr-Place	93.89	4.04	2.07
175.vpr-Route	66.81	24.25	8.94
177.mesa	93.24	2.07	4.69
179.art	0.52	0.80	98.68
181.mcf	13.76	24.24	62.00
183.equake	25.47	11.76	62.77
188.amp	4.89	0.19	94.92
197.parser	61.67	5.52	32.82
255.vortex	35.46	12.38	52.16
300.twolf	48.26	40.98	10.76

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16863185	291889469	11854384	510297	321117335
124.m8ksim	4066889	99963857	312031	3382	104346159
126.gcc	33181083	409970112	11327288	1758155	456236638
129.compress	62298	2286606	6733	3974	301611
130.li	43850051	320557691	5258232	417	369666391
132.jpeg	5789591	272991873	5184909	383111	284349484
134.perl-Scrabb	1345806	11876307	324983	3379	13550475
164.gzip	12499709	109151149	13944646	727308	136322812
175.vpr-Place	365304	5648482	24962	327	6039075
175.vpr-Route	213711	1529801	56124	1349	1800985
177.mesa	1.35E+08	508044066	1120858	209724	644269853
179.art	1.82E+08	316935913	48142671	496796368	1044294450
181.mcf	588603	29313369	5241252	1014118	36157342
183.equake	45386632	319747811	14850565	6478169	386463177
188.amp	10157221	13703789	46147	2227088	26134245
197.parser	1873495	75514870	686979	323567	78398911
255.vortex	58205434	259957958	9695817	2552637	330411846
300.twolf	19709517	260723800	22492266	78075	303003658

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.25	90.90	3.69	0.16
124.m8ksim	3.90	95.80	0.30	0.00
126.gcc	7.27	89.86	2.48	0.39
129.compress	20.66	75.79	2.23	1.32
130.li	11.86	86.72	1.42	0.00
132.jpeg	2.04	96.01	1.82	0.13
134.perl-Scrabb	9.93	87.64	2.40	0.02
164.gzip	9.17	80.07	10.23	0.53
175.vpr-Place	6.05	93.53	0.41	0.01
175.vpr-Route	11.87	84.94	3.12	0.07
177.mesa	20.94	78.86	0.17	0.03
179.art	17.47	30.35	4.61	47.57
181.mcf	1.63	81.07	14.50	2.80
183.equake	11.74	82.74	3.84	1.68
188.amp	38.87	52.44	0.18	8.52
197.parser	2.39	96.32	0.88	0.41
255.vortex	17.62	78.68	2.93	0.77
300.twolf	6.50	86.05	7.42	0.03

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291889469	11854384	510297	304254150
124.m8ksim	99963857	312031	3382	100279270
126.gcc	409970112	11327288	1758155	423055555
129.compress	2286606	6733	3974	239313
130.li	320557691	5258232	417	325816340
132.jpeg	272991873	5184909	383111	278559893
134.perl-Scrabb	11876307	324983	3379	12204669
164.gzip	109151149	13944646	727308	123823103
175.vpr-Place	5648482	24962	327	5673771
175.vpr-Route	1529801	56124	1349	1587274
177.mesa	508044066	1120858	209724	509374648
179.art	316935913	48142671	496796368	861874952
181.mcf	29313369	5241252	1014118	35568739
183.equake	319747811	14850565	6478169	341076545
188.amp	13703789	46147	2227088	15977024
197.parser	75514870	686979	323567	76525416
255.vortex	259957958	9695817	2552637	272206412
300.twolf	260723800	22492266	78075	283294141

	L1 Hits	L2 Hits	Memory Hits
099.go	95.94	3.90	0.17
124.m8ksim	99.69	0.31	0.00
126.gcc	96.91	2.68	0.42
129.compress	95.53	2.81	1.66
130.li	98.39	1.61	0.00
132.jpeg	98.00	1.86	0.14
134.perl-Scrabb	97.31	2.66	0.03
164.gzip	88.15	11.26	0.59
175.vpr-Place	99.55	0.44	0.01
175.vpr-Route	96.38	3.54	0.08
177.mesa	99.74	0.22	0.04
179.art	36.77	5.59	57.64
181.mcf	82.41	14.74	2.85
183.equake	93.75	4.35	1.90
188.amp	85.77	0.29	13.94
197.parser	98.68	0.90	0.42
255.vortex	95.50	3.56	0.94
300.twolf	92.03	7.94	0.03

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16863185	291889469	11854384	61235640	488532134
124.m8ksim	4066889	99963857	3120310	405840	107556896
126.gcc	33181083	409970112	113272880	210978600	767402675
129.compress	62298	2286606	67330	476880	835114
130.li	43850051	320557691	52582320	50040	417040102
132.jpeg	5789591	272991873	51849090	45973320	376603874
134.perl-Scrabb	1345806	11876307	3249830	405480	16877423
164.gzip	12499709	109151149	139446460	87276960	348374278
175.vpr-Place	365304	5648482	249620	39240	6302646
175.vpr-Route	213711	1529801	561240	161880	2466632
177.mesa	1.35E+08	508044066	11208580	25166880	679314731
179.art	1.82E+08	316935913	481426710	59615564160	60596346281
181.mcf	588603	29313369	52412520	121694160	204008652
183.equake	45386632	319747811	148505650	777380280	1291020373
188.amp	10157221	13703789	461470	267250560	291573040
197.parser	1873495	75514870	6869790	38828040	123086195
255.vortex	58205434	259957958	96958170	306316440	721438002
300.twolf	19709517	260723800	224922660	9369000	514724977

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.45	59.75	24.27	12.53
124.m8ksim	3.78	92.94	2.90	0.38
126.gcc	4.32	53.42	14.76	27.49
129.compress	7.46	27.37	8.06	57.10
130.li	10.51	76.86	12.61	0.01
132.jpeg	1.54	72.49	13.77	12.21
134.perl-Scrabb	7.97	70.37	19.26	2.40
164.gzip	3.59	31.33	40.03	25.05
175.vpr-Place	5.80	89.62	3.96	0.62
175.vpr-Route	8.66	62.02	22.75	6.56
177.mesa	19.86	74.79	1.65	3.70
179.art	0.30	0.52	0.79	98.38
181.mcf	0.29	14.37	25.69	59.65
183.equake	3.52	24.77	11.50	60.21
188.amp	3.48	4.70	0.16	91.66
197.parser	1.52	61.35	5.58	31.55
255.vortex	8.07	36.03	13.44	42.46
300.twolf	3.83	50.65	43.70	1.82

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291889469	118543840	61235640	471668949
124.m8ksim	99963857	3120310	405840	103490007
126.gcc	409970112	113272880	210978600	734221592
129.compress	2286606	67330	476880	772816
130.li	320557691	52582320	50040	373190051
132.jpeg	272991873	51849090	45973320	370814283
134.perl-Scrabb	11876307	3249830	405480	15531617
164.gzip	109151149	139446460	87276960	335874569
175.vpr-Place	5648482	249620	39240	5937342
175.vpr-Route	1529801	561240	161880	2252921
177.mesa	508044066	11208580	25166880	544419526
179.art	316935913	481426710	59615564160	60413926783
181.mcf	29313369	52412520	121694160	203420049
183.equake	319747811	148505650	777380280	1245633741
188.amp	13703789	461470	267250560	281415819
197.parser	75514870	6869790	38828040	121212700
255.vortex	259957958	96958170	306316440	663232568
300.twolf	260723800	224922660	9369000	495015460

	L1 Hits	L2 Hits	Memory Hits
099.go	61.88	25.13	12.98
124.m8ksim	96.59	3.02	0.39
126.gcc	55.84	15.43	28.74
129.compress	29.58	8.71	61.71
130.li	85.90	14.09	0.01
132.jpeg	73.62	13.98	12.40
134.perl-Scrabb	76.47	20.92	2.61
164.gzip	32.50	41.52	25.98
175.vpr-Place	95.13	4.20	0.66
175.vpr-Route	67.90	24.91	7.19
177.mesa	93.32	2.06	4.62
179.art	0.52	0.80	98.68
181.mcf	14.41	25.77	59.82
183.equake	25.67	11.92	62.41
188.amp	4.87	0.16	94.97
197.parser	62.30	5.67	32.03
255.vortex	39.20	14.62	46.19
300.twolf	52.67	45.44	1.89

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16808802	292218068	12200548	180093	321407511
124.m8ksim	4189637	99800889	321722	1729	104313977
126.gcc	31103840	408535801	12581657	406017	452627315
129.compress	61723	229958	9488	1170	302339
130.li	43616325	317194263	5256663	384	366067635
132.jpeg	5274957	273426994	5483040	82451	284267442
134.perl-Scrabb	1334701	11848028	323468	1275	13507472
164.gzip	12297653	108620436	14533378	112503	135563970
175.vpr-Place	364521	5651587	24929	278	6041315
175.vpr-Route	213591	1529308	56447	900	1800246
177.mesa	1.35E+08	507880449	1121520	209038	644206174
179.art	1.82E+08	321459255	145645747	399287082	1048823817
181.mcf	553547	29077370	5433968	809764	35874649
183.equake	45189426	319783109	15189261	6140937	386302733
188.amp	10157784	13699666	652313	1620665	26130428
197.parser	1857868	75204769	806959	203841	78073437
255.vortex	54894864	262380209	11447862	767764	329490699
300.twolf	19670350	260802474	22537815	28881	303039520

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.23	90.92	3.80	0.06
124.m8ksim	4.02	95.67	0.31	0.00
126.gcc	6.87	90.26	2.78	0.09
129.compress	20.42	76.06	3.14	0.39
130.li	11.91	86.65	1.44	0.00
132.jpeg	1.86	96.19	1.93	0.03
134.perl-Scrabb	9.88	87.71	2.39	0.01
164.gzip	9.07	80.12	10.72	0.08
175.vpr-Place	6.03	93.55	0.41	0.00
175.vpr-Route	11.86	84.95	3.14	0.05
177.mesa	20.96	78.84	0.17	0.03
179.art	17.39	30.65	13.89	38.07
181.mcf	1.54	81.05	15.15	2.26
183.equake	11.70	82.78	3.93	1.59
188.amp	38.87	52.43	2.50	6.20
197.parser	2.38	96.33	1.03	0.26
255.vortex	16.66	79.63	3.47	0.23
300.twolf	6.49	86.06	7.44	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292218068	12200548	180093	304598709
124.m8ksim	99800889	321722	1729	100124340
126.gcc	408535801	12581657	406017	421523475
129.compress	229958	9488	1170	240616
130.li	317194263	5256663	384	322451310
132.jpeg	273426994	5483040	82451	278992485
134.perl-Scrabb	11848028	323468	1275	12172771
164.gzip	108620436	14533378	112503	123266317
175.vpr-Place	5651587	24929	278	5676794
175.vpr-Route	1529308	56447	900	1586655
177.mesa	507880449	1121520	209038	509211007
179.art	321459255	145645747	399287082	866392084
181.mcf	29077370	5433968	809764	35321102
183.equake	319783109	15189261	6140937	341113307
188.amp	13699666	652313	1620665	15972644
197.parser	75204769	806959	203841	76215569
255.vortex	262380209	11447862	767764	274595835
300.twolf	260802474	22537815	28881	283369170

	L1 Hits	L2 Hits	Memory Hits
099.go	95.94	4.01	0.06
124.m8ksim	99.68	0.32	0.00
126.gcc	96.92	2.98	0.10
129.compress	95.57	3.94	0.49
130.li	98.37	1.63	0.00
132.jpeg	98.01	1.97	0.03
134.perl-Scrabb	97.33	2.66	0.01
164.gzip	88.12	11.79	0.09
175.vpr-Place	99.56	0.44	0.00
175.vpr-Route	96.39	3.56	0.06
177.mesa	99.74	0.22	0.04
179.art	37.10	16.81	46.09
181.mcf	82.32	15.38	2.29
183.equake	93.75	4.45	1.80
188.amp	85.77	4.08	10.15
197.parser	98.67	1.06	0.27
255.vortex	95.55	4.17	0.28
300.twolf	92.04	7.95	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16808802	292218068	122005480	21611160	452643510
124.m8ksim	4189637	99800889	3217220	207480	1074115226
126.gcc	31103840	408535801	125816570	48722040	614178251
129.compress	61723	229958	94880	140400	526961
130.li	43616325	317194263	52566630	46080	413423298
132.jpeg	5274957	273426994	54830400	9894120	343426471
134.perl-Scrabb	1334701	11848028	3234680	153000	16570409
164.gzip	12297653	108620436	145333780	13500360	279752229
175.vpr-Place	364521	5651587	249290	33360	6298758
175.vpr-Route	213591	1529308	564470	108000	2415369
177.mesa	1.35E+08	507880449	11215200	25084560	679175376
179.art	1.82E+08	321459255	1.456E+09	47914449840	49874798298
181.mcf	553547	29077370	54339680	97171680	181142277
183.equake	45189426	319783109	151892610	736912440	1253777585
188.amp	10157784	13699666	6523130	194479800	224860380
197.parser	1857868	75204769	8069590	24460920	109593147
255.vortex	54894864	262380209	114478620	92131680	523885373
300.twolf	19670350	260802474	225378150	3465720	509316694

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.71	64.56	26.95	4.77
124.m8ksim	3.90	92.91	3.00	0.19
126.gcc	5.06	66.52	20.49	7.93
129.compress	11.71	43.64	18.01	26.64
130.li	10.55	76.72	12.71	0.01
132.jpeg	1.54	79.62	15.97	2.88
134.perl-Scrabb	8.05	71.50	19.52	0.92
164.gzip	4.40	38.83	51.95	4.83
175.vpr-Place	5.79	89.73	3.96	0.53
175.vpr-Route	8.84	63.32	23.37	4.47
177.mesa	19.88	74.78	1.65	3.69
179.art	0.37	0.64	2.92	96.07
181.mcf	0.31	16.05	30.00	53.64
183.equake	3.60	25.51	12.11	58.78
188.amp	4.52	6.09	2.90	86.49
197.parser	1.70	68.62	7.36	22.32
255.vortex	10.48	50.08	21.85	17.59
300.twolf	3.86	51.21	44.25	0.68

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292218068	122005480	21611160	435834708
124.m8ksim	99800889	3217220	207480	103225589
126.gcc	408535801	125816570	48722040	583074411
129.compress	229958	94880	140400	465238
130.li	317194263	52566630	46080	369806973
132.jpeg	273426994	54830400	9894120	338151514
134.perl-Scrabb	11848028	3234680	153000	15235708
164.gzip	108620436	145333780	13500360	267454576
175.vpr-Place	5651587	249290	33360	5934237
175.vpr-Route	1529308	564470	108000	2201778
177.mesa	507880449	11215200	25084560	544180209
179.art	321459255	1.456E+09	47914449840	49692366565
181.mcf	29077370	54339680	97171680	180588730
183.equake	319783109	151892610	736912440	1208588159
188.amp	13699666	6523130	194479800	214702596
197.parser	75204769	8069590	24460920	107735279
255.vortex	262380209	114478620	92131680	468990509
300.twolf	260802474	225378150	3465720	489646344

	L1 Hits	L2 Hits	Memory Hits
099.go	67.05	27.99	4.96
124.m8ksim	96.68	3.12	0.20
126.gcc	70.07	21.58	8.36
129.compress	49.43	20.39	30.18
130.li	85.77	14.21	0.01
132.jpeg	80.86	16.21	2.93
134.perl-Scrabb	77.76	21.23	1.00
164.gzip	40.61	54.34	5.05
175.vpr-Place	95.24	4.20	0.56
175.vpr-Route	69.46	25.64	4.91
177.mesa	93.33	2.06	4.61
179.art	0.65	2.93	96.42
181.mcf	16.10	30.09	53.81
183.equake	26.46	12.57	60.97
188.amp	6.38	3.04	90.58
197.parser	69.81	7.49	22.70
255.vortex	55.95	24.41	19.64
300.twolf	53.26	46.03	0.71

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16760719	292157143	12293663	79279	321290804
124.m8ksim	4179220	99793429	321323	2276	104296248
126.gcc	30579980	408286422	12763874	191167	451821443
129.compress	61552	228966	9605	1101	301224
130.li	43616325	317194263	5256682	365	366067635
132.jpeg	5237685	273432965	5519164	46584	284236398
134.perl-Scrabb	1339069	11858189	324884	778	13522920
164.gzip	12287682	108822364	14546669	107770	135764485
175.vpr-Place	364828	5656525	25059	257	6046669
175.vpr-Route	213622	1530708	56249	730	1801309
177.mesa	1.35E+08	507528902	1121767	208795	643976708
179.art	1.82E+08	316936044	48151288	496787843	1044294677
181.mcf	548361	29083516	5435911	803055	35870843
183.equake	45227368	319894877	15216138	6113299	386451682
188.amp	10165237	13700736	495545	1777957	26139475
197.parser	1847073	75194649	816461	196916	78055099
255.vortex	53143700	263294729	11881799	333148	328653376
300.twolf	19664611	260912415	22565926	2333	303145285

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.22	90.93	3.83	0.02
124.m8ksim	4.01	95.68	0.31	0.00
126.gcc	6.77	90.36	2.82	0.04
129.compress	20.43	76.01	3.19	0.37
130.li	11.91	86.65	1.44	0.00
132.jpeg	1.84	96.20	1.94	0.02
134.perl-Scrabb	9.90	87.69	2.40	0.01
164.gzip	9.05	80.16	10.71	0.08
175.vpr-Place	6.03	93.55	0.41	0.00
175.vpr-Route	11.86	84.98	3.12	0.04
177.mesa	20.98	78.81	0.17	0.03
179.art	17.47	30.35	4.61	47.57
181.mcf	1.53	81.08	15.15	2.24
183.equake	11.70	82.78	3.94	1.58
188.amp	38.89	52.41	1.90	6.80
197.parser	2.37	96.34	1.05	0.25
255.vortex	16.17	80.11	3.62	0.10
300.twolf	6.49	86.07	7.44	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292157143	12293663	79279	304530085
124.m8ksim	99793429	321323	2276	100117028
126.gcc	408286422	12763874	191167	421241463
129.compress	228966	9605	1101	239672
130.li	317194263	5256682	365	322451310
132.jpeg	273432965	5519164	46584	278998713
134.perl-Scrabb	11858189	324884	778	12183851
164.gzip	108822364	14546669	107770	123476803
175.vpr-Place	5656525	25059	257	5681841
175.vpr-Route	1530708	56249	730	1587687
177.mesa	507528902	1121767	208795	508859464
179.art	316936044	48151288	496787843	861875175
181.mcf	29083516	5435911	803055	35322482
183.equake	319894877	15216138	6113299	341224314
188.amp	13700736	495545	1777957	15974238
197.parser	75194649	816461	196916	76208026
255.vortex	263294729	11881799	333148	275509676
300.twolf	260912415	22565926	2333	283480674

	L1 Hits	L2 Hits	Memory Hits
099.go	95.94	4.04	0.03
124.m8ksim	99.68	0.32	0.00
126.gcc	96.92	3.03	0.05
129.compress	95.53	4.01	0.46
130.li	98.37	1.63	0.00
132.jpeg	98.01	1.98	0.02
134.perl-Scrabb	97.33	2.67	0.01
164.gzip	88.13	11.78	0.09
175.vpr-Place	99.55	0.44	0.00
175.vpr-Route	96.41	3.54	0.05
177.mesa	99.74	0.22	0.04
179.art	36.77	5.59	57.64
181.mcf	82.34	15.39	2.27
183.equake	93.75	4.46	1.79
188.amp	85.77	3.10	11.13
197.parser	98.67	1.07	0.26
255.vortex	95.57	4.31	0.12
300.twolf	92.04	7.96	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16760719	292157143	122936630	9513480	441367972
124.m8ksim	4179220	99793429	3213230	273120	107458999
126.gcc	30579980	408286422	127638740	22940040	589445182
129.compress	61552	228966	96050	132120	518688
130.li	43616325	317194263	52566820	43800	413421208
132.jpeg	5237685	273432965	55191640	5590080	339452370
134.perl-Scrabb	1339069	11858189	3248840	93360	16539458
164.gzip	12287682	108822364	145466690	12932400	279509136
175.vpr-Place	364828	5656525	250590	30840	6302783
175.vpr-Route	213622	1530708	562490	87600	2394420
177.mesa	1.35E+08	507528902	11217670	25055400	678919216
179.art	1.82E+08	316936044	481512880	59614541160	60595409586
181.mcf	548361	29083516	54359110	96366600	180357587
183.equake	45227368	319894877	152161380	733595880	1250879505
188.amp	10165237	13700736	4955450	213354840	242176263
197.parser	1847073	75194649	8164610	23629920	108836252
255.vortex	53143700	263294729	118817990	39977760	475234179
300.twolf	19664611	260912415	225659260	279960	506516246

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.80	66.19	27.85	2.16
124.m8ksim	3.89	92.87	2.99	0.25
126.gcc	5.19	69.27	21.65	3.89
129.compress	11.87	44.14	18.52	25.47
130.li	10.55	76.72	12.72	0.01
132.jpeg	1.54	80.55	16.26	1.65
134.perl-Scrabb	8.10	71.70	19.64	0.56
164.gzip	4.40	38.93	52.04	4.63
175.vpr-Place	5.79	89.75	3.98	0.49
175.vpr-Route	8.92	63.93	23.49	3.66
177.mesa	19.90	74.76	1.65	3.69
179.art	0.30	0.52	0.79	98.38
181.mcf	0.30	16.13	30.14	53.43
183.equake	3.62	25.57	12.16	58.65
188.amp	4.20	5.66	2.05	88.10
197.parser	1.70	69.09	7.50	21.71
255.vortex	11.18	55.40	25.00	8.41
300.twolf	3.88	51.51	44.55	0.06

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	292157143	122936630	9513480	424607253
124.m8ksim	99793429	3213230	273120	103279779
126.gcc	408286422	127638740	22940040	558865202
129.compress	228966	96050	132120	457136
130.li	317194263	52566820	43800	369804883
132.jpeg	273432965	55191640	5590080	334214685
134.perl-Scrabb	11858189	3248840	93360	15200389
164.gzip	108822364	145466690	12932400	267221454
175.vpr-Place	5656525	250590	30840	5937955
175.vpr-Route	1530708	562490	87600	2180798
177.mesa	507528902	11217670	25055400	543801972
179.art	316936044	481512880	59614541160	60412990084
181.mcf	29083516	54359110	96366600	179809226
183.equake	319894877	152161380	733595880	1205652137
188.amp	13700736	4955450	213354840	232011026
197.parser	75194649	8164610	23629920	106989179
255.vortex	263294729	118817990	39977760	422090479
300.twolf	260912415	225659260	279960	486851635

	L1 Hits	L2 Hits	Memory Hits
099.go	68.81	28.95	2.24
124.m8ksim	96.62	3.11	0.26
126.gcc	73.06	22.84	4.10
129.compress	50.09	21.01	28.90
130.li	85.77	14.21	0.01
132.jpeg	81.81	16.51	1.67
134.perl-Scrabb	78.01	21.37	0.61
164.gzip	40.72	54.44	4.84
175.vpr-Place	95.26	4.22	0.52
175.vpr-Route	70.19	25.79	4.02
177.mesa	93.33	2.06	4.61
179.art	0.52	0.80	98.68
181.mcf	16.17	30.23	53.59
183.equake	26.53	12.62	60.85
188.amp	5.91	2.14	91.96
197.parser	70.28	7.63	22.09
255.vortex	62.38	28.15	9.47
300.twolf	53.59	46.35	0.06

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16609802	294258062	5974160	984264	317826288
124.m8ksim	4078842	99761890	471907	7198	104319837
126.gcc	32930951	411387776	7083196	2153358	453555281
129.compress	63018	229664	7765	3278	303725
130.li	39128233	320491330	2454759	14278	362088600
132.jpeg	5993507	274779046	3225833	365023	284363409
134.perl-Scrabb	1366590	11780250	435310	8306	13590456
164.gzip	10401642	116492776	7257042	1076296	135227756
175.vpr-Place	362575	5638973	23274	918	6025740
175.vpr-Route	200750	1543887	30538	1508	1776683
177.mesa	1.45E+08	491096038	9657521	216225	645861777
179.art	1.82E+08	321832204	43572939	496805312	1044642877
181.mcf	592581	30778661	3293210	1116327	35780779
183.equake	45312993	324631590	9687189	6586459	386218231
188.amp	10167620	13702688	40824	2214366	26125498
197.parser	1876679	76182479	811018	338982	79209158
255.vortex	52443910	270666058	5518421	3006540	331634929
300.twolf	19367215	271705115	11171787	484495	302728612

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.23	92.58	1.88	0.31
124.m8ksim	3.91	95.63	0.45	0.01
126.gcc	7.26	90.70	1.56	0.47
129.compress	20.75	75.62	2.56	1.08
130.li	10.81	88.51	0.68	0.00
132.jpeg	2.11	96.63	1.13	0.13
134.perl-Scrabb	10.06	86.68	3.20	0.06
164.gzip	7.69	86.15	5.37	0.80
175.vpr-Place	6.02	93.58	0.39	0.02
175.vpr-Route	11.30	86.90	1.72	0.08
177.mesa	22.43	76.04	1.50	0.03
179.art	17.46	30.81	4.17	47.56
181.mcf	1.66	86.02	9.20	3.12
183.equake	11.73	84.05	2.51	1.71
188.amp	38.92	52.45	0.16	8.48
197.parser	2.37	96.18	1.02	0.43
255.vortex	15.81	81.62	1.66	0.91
300.twolf	6.40	89.75	3.69	0.16

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	294258062	5974160	984264	301216486
124.m8ksim	99761890	471907	7198	100240995
126.gcc	411387776	7083196	2153358	420624330
129.compress	229664	7765	3278	240707
130.li	320491330	2454759	14278	322960367
132.jpeg	274779046	3225833	365023	278369902
134.perl-Scrabb	11780250	435310	8306	12223866
164.gzip	116492776	7257042	1076296	124826114
175.vpr-Place	5638973	23274	918	5663165
175.vpr-Route	1543887	30538	1508	1575933
177.mesa	491096038	9657521	216225	500969784
179.art	321832204	43572939	496805312	862210455
181.mcf	30778661	3293210	1116327	35188198
183.equake	324631590	9687189	6586459	340905238
188.amp	13702688	40824	2214366	15957878
197.parser	76182479	811018	338982	77332479
255.vortex	270666058	5518421	3006540	279191019
300.twolf	271705115	11171787	484495	283361397

	L1 Hits	L2 Hits	Memory Hits
099.go	97.69	1.98	0.33
124.m8ksim	99.52	0.47	0.01
126.gcc	97.80	1.68	0.51
129.compress	95.41	3.23	1.36
130.li	99.24	0.76	0.00
132.jpeg	98.71	1.16	0.13
134.perl-Scrabb	96.37	3.56	0.07
164.gzip	93.32	5.81	0.86
175.vpr-Place	99.57	0.41	0.02
175.vpr-Route	97.97	1.94	0.10
177.mesa	98.03	1.93	0.04
179.art	37.33	5.05	57.62
181.mcf	87.47	9.36	3.17
183.equake	95.23	2.84	1.93
188.amp	85.87	0.26	13.88
197.parser	98.51	1.05	0.44
255.vortex	96.95	1.98	1.08
300.twolf	95.89	3.94	0.17

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	16609802	294258062	59741600	118111680	488721144
124.m8ksim	4078842	99761890	4719070	863760	109423562
126.gcc	32930951	411387776	70831960	258402960	773553647
129.compress	63018	229664	77650	393360	763692
130.li	39128233	320491330	24547590	1713360	385880513
132.jpeg	5993507	274779046	32258330	43802760	356833643
134.perl-Scrabb	1366590	11780250	4353100	996720	18496660
164.gzip	10401642	116492776	72570420	129155520	328620358
175.vpr-Place	362575	5638973	232740	110160	6344448
175.vpr-Route	200750	1543887	305380	180960	2230977
177.mesa	1.45E+08	491096038	96575210	25947000	758510241
179.art	1.82E+08	321832204	435729390	59616637440	60556631456
181.mcf	592581	30778661	32932100	133959240	198262582
183.equake	45312993	324631590	96871890	790375080	1257191553
188.amp	10167620	13702688	408240	265723920	290002468
197.parser	1876679	76182479	8110180	40677840	126847178
255.vortex	52443910	270666058	55184210	360784800	739078978
300.twolf	19367215	271705115	111717870	58139400	460929600

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.40	60.21	12.22	24.17
124.m8ksim	3.73	91.17	4.31	0.79
126.gcc	4.26	53.18	9.16	33.40
129.compress	8.25	30.07	10.17	51.51
130.li	10.14	83.05	6.36	0.44
132.jpeg	1.68	77.00	9.04	12.28
134.perl-Scrabb	7.39	63.69	23.53	5.39
164.gzip	3.17	35.45	22.08	39.30
175.vpr-Place	5.71	88.88	3.67	1.74
175.vpr-Route	9.00	69.20	13.69	8.11
177.mesa	19.10	64.74	12.73	3.42
179.art	0.30	0.53	0.72	98.45
181.mcf	0.30	15.52	16.61	67.57
183.equake	3.60	25.82	7.71	62.87
188.amp	3.51	4.73	0.14	91.63
197.parser	1.48	60.06	6.39	32.07
255.vortex	7.10	36.62	7.47	48.82
300.twolf	4.20	58.95	24.24	12.61

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	294258062	59741600	118111680	472111342
124.m8ksim	99761890	4719070	863760	105344720
126.gcc	411387776	70831960	258402960	740622696
129.compress	229664	77650	393360	700674
130.li	320491330	24547590	1713360	346752280
132.jpeg	274779046	32258330	43802760	350840136
134.perl-Scrabb	11780250	4353100	996720	17130070
164.gzip	116492776	72570420	129155520	318218716
175.vpr-Place	5638973	232740	110160	5981873
175.vpr-Route	1543887	305380	180960	2030227
177.mesa	491096038	96575210	25947000	613618248
179.art	321832204	435729390	59616637440	60374199034
181.mcf	30778661	32932100	133959240	197670001
183.equake	324631590	96871890	790375080	1211878560
188.amp	13702688	408240	265723920	279834848
197.parser	76182479	8110180	40677840	124970499
255.vortex	270666058	55184210	360784800	686635068
300.twolf	271705115	111717870	58139400	441562385

	L1 Hits	L2 Hits	Memory Hits
099.go	62.33	12.65	25.02
124.m8ksim	94.70	4.48	0.82
126.gcc	55.55	9.56	34.89
129.compress	32.78	11.08	56.14
130.li	92.43	7.08	0.49
132.jpeg	78.32	9.19	12.49
134.perl-Scrabb	68.77	25.41	5.82
164.gzip	36.61	22.81	40.59
175.vpr-Place	94.27	3.89	1.84
175.vpr-Route	76.05	15.04	8.91
177.mesa	80.03	15.74	4.23
179.art	0.53	0.72	98.75
181.mcf	15.57	16.66	67.77
183.equake	26.79	7.99	65.22
188.amp	4.90	0.15	94.96
197.parser	60.96	6.49	32.55
255.vortex	39.42	8.04	52.54
300.twolf	61.53	25.30	13.17

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15815021	293340198	6479019	409630	316043868
124.m8ksim	4114003	99648304	470432	3429	104236168
126.gcc	31714246	411238387	7646830	1562935	452162398
129.compress	63368	230232	7368	3747	304715
130.li	38849613	318047334	2472880	1673	359371500
132.jpeg	6078157	274656165	3215008	376164	284325494
134.perl-Scrabb	1356297	11698113	439769	3366	13497545
164.gzip	10062750	116511591	7595673	724304	134894318
175.vpr-Place	362402	5635495	23820	334	6022051
175.vpr-Route	200029	1542772	30958	1165	1774924
177.mesa	1.46E+08	490314753	10648338	209656	646962611
179.art	1.82E+08	321832518	43579399	496795349	1044640675
181.mcf	581939	30759407	3387986	1021273	35750605
183.equake	45223534	324688664	9792153	6482777	386187128
188.amp	10155539	13692754	31173	2223951	26103417
197.parser	1872980	76109404	823232	326038	79131654
255.vortex	52224104	270186131	6203380	2277203	330890818
300.twolf	19006407	271417884	11546412	67431	302038134

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	5.00	92.82	2.05	0.13
124.m8ksim	3.95	95.60	0.45	0.00
126.gcc	7.01	90.95	1.69	0.35
129.compress	20.80	75.56	2.42	1.23
130.li	10.81	88.50	0.69	0.00
132.jpeg	2.14	96.60	1.13	0.13
134.perl-Scrabb	10.05	86.67	3.26	0.02
164.gzip	7.46	86.37	5.63	0.54
175.vpr-Place	6.02	93.58	0.40	0.01
175.vpr-Route	11.27	86.92	1.74	0.07
177.mesa	22.53	75.79	1.65	0.03
179.art	17.46	30.81	4.17	47.56
181.mcf	1.63	86.04	9.48	2.86
183.equake	11.71	84.08	2.54	1.68
188.amp	38.91	52.46	0.12	8.52
197.parser	2.37	96.18	1.04	0.41
255.vortex	15.78	81.65	1.87	0.69
300.twolf	6.29	89.86	3.82	0.02

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293340198	6479019	409630	300228847
124.m8ksim	99648304	470432	3429	100122165
126.gcc	411238387	7646830	1562935	420448152
129.compress	230232	7368	3747	241347
130.li	318047334	2472880	1673	320521887
132.jpeg	274656165	3215008	376164	278247337
134.perl-Scrabb	11698113	439769	3366	12141248
164.gzip	116511591	7595673	724304	124831568
175.vpr-Place	5635495	23820	334	5659649
175.vpr-Route	1542772	30958	1165	1574895
177.mesa	490314753	10648338	209656	501172747
179.art	321832518	43579399	496795349	862207266
181.mcf	30759407	3387986	1021273	35168666
183.equake	324688664	9792153	6482777	340963594
188.amp	13692754	31173	2223951	15947878
197.parser	76109404	823232	326038	77258674
255.vortex	270186131	6203380	2277203	278666714
300.twolf	271417884	11546412	67431	283031727

	L1 Hits	L2 Hits	Memory Hits
099.go	97.71	2.16	0.14
124.m8ksim	99.53	0.47	0.00
126.gcc	97.81	1.82	0.37
129.compress	95.39	3.05	1.55
130.li	99.23	0.77	0.00
132.jpeg	98.71	1.16	0.14
134.perl-Scrabb	96.35	3.62	0.03
164.gzip	93.34	6.08	0.58
175.vpr-Place	99.57	0.42	0.01
175.vpr-Route	97.96	1.97	0.07
177.mesa	97.83	2.12	0.04
179.art	37.33	5.05	57.62
181.mcf	87.46	9.63	2.90
183.equake	95.23	2.87	1.90
188.amp	85.86	0.20	13.95
197.parser	98.51	1.07	0.42
255.vortex	96.96	2.23	0.82
300.twolf	95.90	4.08	0.02

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15815021	293340198	64790190	49155600	423101009
124.m8ksim	4114003	99648304	4704320	411480	108878107
126.gcc	31714246	411238387	76468300	187552200	706973133
129.compress	63368	230232	73680	449640	816920
130.li	38849613	318047334	24728800	200760	381826507
132.jpeg	6078157	274656165	32150080	45139680	358024082
134.perl-Scrabb	1356297	11698113	4397690	403920	17856020
164.gzip	10062750	116511591	75956730	86916480	289447551
175.vpr-Place	362402	5635495	238200	40080	6276177
175.vpr-Route	200029	1542772	309580	139800	2192181
177.mesa	1.46E+08	490314753	106483380	25158720	767746717
179.art	1.82E+08	321832518	435793990	59615441880	60555501797
181.mcf	581939	30759407	33879860	122552760	187773966
183.equake	45223534	324688664	97921530	777933240	1245766968
188.amp	10155539	13692754	311730	266874120	291034143
197.parser	1872980	76109404	8232320	39124560	125339264
255.vortex	52224104	270186131	62033800	273264360	657708395
300.twolf	19006407	271417884	115464120	8091720	413980131

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.74	69.33	15.31	11.62
124.m8ksim	3.78	91.52	4.32	0.38
126.gcc	4.49	58.17	10.82	26.53
129.compress	7.76	28.18	9.02	55.04
130.li	10.17	83.30	6.48	0.05
132.jpeg	1.70	76.71	8.98	12.61
134.perl-Scrabb	7.60	65.51	24.63	2.26
164.gzip	3.48	40.25	26.24	30.03
175.vpr-Place	5.77	89.79	3.80	0.64
175.vpr-Route	9.12	70.38	14.12	6.38
177.mesa	18.99	63.86	13.87	3.28
179.art	0.30	0.53	0.72	98.45
181.mcf	0.31	16.38	18.04	65.27
183.equake	3.63	26.06	7.86	62.45
188.amp	3.49	4.70	0.11	91.70
197.parser	1.49	60.72	6.57	31.21
255.vortex	7.94	41.08	9.43	41.55
300.twolf	4.59	65.56	27.89	1.95

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293340198	64790190	49155600	407285988
124.m8ksim	99648304	4704320	411480	104764104
126.gcc	411238387	76468300	187552200	675258887
129.compress	230232	73680	449640	753552
130.li	318047334	24728800	200760	342976894
132.jpeg	274656165	32150080	45139680	351945925
134.perl-Scrabb	11698113	4397690	403920	16499723
164.gzip	116511591	75956730	86916480	279384801
175.vpr-Place	5635495	238200	40080	5913775
175.vpr-Route	1542772	309580	139800	1992152
177.mesa	490314753	106483380	25158720	621956853
179.art	321832518	435793990	59615441880	60373068388
181.mcf	30759407	33879860	122552760	187192027
183.equake	324688664	97921530	777933240	1200543434
188.amp	13692754	311730	266874120	280878604
197.parser	76109404	8232320	39124560	123466284
255.vortex	270186131	62033800	273264360	605484291
300.twolf	271417884	115464120	8091720	394973724

	L1 Hits	L2 Hits	Memory Hits
099.go	72.02	15.91	12.07
124.m8ksim	95.12	4.49	0.39
126.gcc	60.90	11.32	27.77
129.compress	30.55	9.78	59.67
130.li	92.73	7.21	0.06
132.jpeg	78.04	9.13	12.83
134.perl-Scrabb	70.90	26.65	2.45
164.gzip	41.70	27.19	31.11
175.vpr-Place	95.29	4.03	0.68
175.vpr-Route	77.44	15.54	7.02
177.mesa	78.83	17.12	4.05
179.art	0.53	0.72	98.75
181.mcf	16.43	18.10	65.47
183.equake	27.05	8.16	64.80
188.amp	4.87	0.11	95.01
197.parser	61.64	6.67	31.69
255.vortex	44.62	10.25	45.13
300.twolf	68.72	29.23	2.05

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15770477	293568334	6726842	164500	316230153
124.m8ksim	4052586	99710695	475297	1735	104240313
126.gcc	29805153	409885054	8784718	364568	448839493
129.compress	62000	229185	9901	1165	302251
130.li	38918584	320703851	2475876	427	362098738
132.jpeg	5583511	275089663	3503647	82544	284259365
134.perl-Scrabb	1348146	11752804	443876	1343	13546169
164.gzip	9810973	116067054	8198158	111814	134187999
175.vpr-Place	362300	5638784	23899	283	6025266
175.vpr-Route	199888	1542485	31271	727	1774371
177.mesa	1.46E+08	489482120	11158338	209083	647288736
179.art	1.82E+08	325866417	141008379	399388871	1048709147
181.mcf	548500	30551685	3589664	809791	35499640
183.equake	45304436	324714794	10128394	6144356	386291980
188.amp	10146905	13698917	639396	1615675	26100893
197.parser	1872067	75887536	942968	204300	78906871
255.vortex	48591225	272886515	7715798	759937	329953475
300.twolf	18977359	271519899	11582289	28275	302107822

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.99	92.83	2.13	0.05
124.m8ksim	3.89	95.65	0.46	0.00
126.gcc	6.64	91.32	1.96	0.08
129.compress	20.51	75.83	3.28	0.39
130.li	10.75	88.57	0.68	0.00
132.jpeg	1.96	96.77	1.23	0.03
134.perl-Scrabb	9.95	86.76	3.28	0.01
164.gzip	7.31	86.50	6.11	0.08
175.vpr-Place	6.01	93.59	0.40	0.00
175.vpr-Route	11.27	86.93	1.76	0.04
177.mesa	22.62	75.62	1.72	0.03
179.art	17.40	31.07	13.45	38.08
181.mcf	1.55	86.06	10.11	2.28
183.equake	11.73	84.06	2.62	1.59
188.amp	38.88	52.48	2.45	6.19
197.parser	2.37	96.17	1.20	0.26
255.vortex	14.73	82.70	2.34	0.23
300.twolf	6.28	89.88	3.83	0.01

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293568334	6726842	164500	300459676
124.m8ksim	99710695	475297	1735	100187727
126.gcc	409885054	8784718	364568	419034340
129.compress	229185	9901	1165	240251
130.li	320703851	2475876	427	323180154
132.jpeg	275089663	3503647	82544	278675854
134.perl-Scrabb	11752804	443876	1343	12198023
164.gzip	116067054	8198158	111814	124377026
175.vpr-Place	5638784	23899	283	5662966
175.vpr-Route	1542485	31271	727	1574483
177.mesa	489482120	11158338	209083	500849541
179.art	325866417	141008379	399388871	866263667
181.mcf	30551685	3589664	809791	34951140
183.equake	324714794	10128394	6144356	340987544
188.amp	13698917	639396	1615675	15953988
197.parser	75887536	942968	204300	77034804
255.vortex	272886515	7715798	759937	281362250
300.twolf	271519899	11582289	28275	283130463

	L1 Hits	L2 Hits	Memory Hits
099.go	97.71	2.24	0.05
124.m8ksim	99.52	0.47	0.00
126.gcc	97.82	2.10	0.09
129.compress	95.39	4.12	0.48
130.li	99.23	0.77	0.00
132.jpeg	98.71	1.26	0.03
134.perl-Scrabb	96.35	3.64	0.01
164.gzip	93.32	6.59	0.09
175.vpr-Place	99.57	0.42	0.00
175.vpr-Route	97.97	1.99	0.05
177.mesa	97.73	2.23	0.04
179.art	37.62	16.28	46.10
181.mcf	87.41	10.27	2.32
183.equake	95.23	2.97	1.80
188.amp	85.87	4.01	10.13
197.parser	98.51	1.22	0.27
255.vortex	96.99	2.74	0.27
300.twolf	95.90	4.09	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15770477	293568334	67268420	19740000	396347231
124.m8ksim	4052586	99710695	4752970	208200	108724451
126.gcc	29805153	409885054	87847180	43748160	571285547
129.compress	62000	229185	99010	139800	529995
130.li	38918584	320703851	24758760	51240	384432435
132.jpeg	5583511	275089663	35036470	9905280	325614924
134.perl-Scrabb	1348146	11752804	4438760	161160	17700870
164.gzip	9810973	116067054	81981580	13417680	221277287
175.vpr-Place	362300	5638784	238990	33960	6274034
175.vpr-Route	199888	1542485	312710	87240	2142323
177.mesa	1.46E+08	489482120	111583380	25089960	772594655
179.art	1.82E+08	325866417	1.41E+09	47926664520	49845060207
181.mcf	548500	30551685	35896640	97174920	164171745
183.equake	45304436	324714794	101283940	737322720	1208625890
188.amp	10146905	13698917	6393960	193881000	224120782
197.parser	1872067	75887536	9429680	24516000	111705283
255.vortex	48591225	272886515	77157980	91192440	489828160
300.twolf	18977359	271519899	115822890	3393000	409713148

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.98	74.07	16.97	4.98
124.m8ksim	3.73	91.71	4.37	0.19
126.gcc	5.22	71.75	15.38	7.66
129.compress	11.70	43.24	18.68	26.38
130.li	10.12	83.42	6.44	0.01
132.jpeg	1.71	84.48	10.76	3.04
134.perl-Scrabb	7.62	66.40	25.08	0.91
164.gzip	4.43	52.45	37.05	6.06
175.vpr-Place	5.77	89.87	3.81	0.54
175.vpr-Route	9.33	72.00	14.60	4.07
177.mesa	18.95	63.36	14.44	3.25
179.art	0.37	0.65	2.83	96.15
181.mcf	0.33	18.61	21.87	59.19
183.equake	3.75	26.87	8.38	61.01
188.amp	4.53	6.11	2.85	86.51
197.parser	1.68	67.94	8.44	21.95
255.vortex	9.92	55.71	15.75	18.62
300.twolf	4.63	66.27	28.27	0.83

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293568334	67268420	19740000	380576754
124.m8ksim	99710695	4752970	208200	104671865
126.gcc	409885054	87847180	43748160	541480394
129.compress	229185	99010	139800	467995
130.li	320703851	24758760	51240	345513851
132.jpeg	275089663	35036470	9905280	320031413
134.perl-Scrabb	11752804	4438760	161160	16352724
164.gzip	116067054	81981580	13417680	211466314
175.vpr-Place	5638784	238990	33960	5911734
175.vpr-Route	1542485	312710	87240	1942435
177.mesa	489482120	111583380	25089960	626155460
179.art	325866417	1.41E+09	47926664520	49662614727
181.mcf	30551685	35896640	97174920	163623245
183.equake	324714794	101283940	737322720	1163321454
188.amp	13698917	6393960	193881000	213973877
197.parser	75887536	9429680	24516000	109833216
255.vortex	272886515	77157980	91192440	441236935
300.twolf	271519899	115822890	3393000	390735789

	L1 Hits	L2 Hits	Memory Hits
099.go	77.14	17.68	5.19
124.m8ksim	95.26	4.54	0.20
126.gcc	75.70	16.22	8.08
129.compress	48.97	21.16	29.87
130.li	92.82	7.17	0.01
132.jpeg	85.96	10.95	3.10
134.perl-Scrabb	71.87	27.14	0.99
164.gzip	54.89	38.77	6.35
175.vpr-Place	95.38	4.04	0.57
175.vpr-Route	79.41	16.10	4.49
177.mesa	78.17	17.82	4.01
179.art	0.66	2.84	96.50
181.mcf	18.67	21.94	59.39
183.equake	27.91	8.71	63.38
188.amp	6.40	2.99	90.61
197.parser	69.09	8.59	22.32
255.vortex	61.85	17.49	20.67
300.twolf	69.49	29.64	0.87

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15719337	293404625	6812852	71531	316008345
124.m8ksim	4060012	99578418	477224	2276	104117930
126.gcc	29378377	409573551	8940223	193939	448086090
129.compress	61781	229216	9913	1099	302009
130.li	38918584	320703851	2475940	363	362098738
132.jpeg	5544471	275091249	3540648	46564	284222932
134.perl-Scrabb	1359231	11781019	445586	818	13586654
164.gzip	9812869	115930769	8191608	107361	134042607
175.vpr-Place	360898	5637221	23970	257	6022346
175.vpr-Route	199800	1546233	31316	619	1777968
177.mesa	1.46E+08	489318740	11235335	208758	647262778
179.art	1.82E+08	321479032	43612440	496782515	1044307611
181.mcf	545279	30538653	3594706	803286	35481924
183.equake	45249715	324829034	10158466	6114012	386351227
188.amp	10149313	13711474	481395	1773707	26115889
197.parser	1876006	75940320	949888	196500	78962714
255.vortex	47299927	273581961	8096441	381813	329360142
300.twolf	18950529	271498518	11611775	2340	302063162

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.97	92.85	2.16	0.02
124.m8ksim	3.90	95.64	0.46	0.00
126.gcc	6.56	91.41	2.00	0.04
129.compress	20.46	75.90	3.28	0.36
130.li	10.75	88.57	0.68	0.00
132.jpeg	1.95	96.79	1.25	0.02
134.perl-Scrabb	10.00	86.71	3.28	0.01
164.gzip	7.32	86.49	6.11	0.08
175.vpr-Place	5.99	93.61	0.40	0.00
175.vpr-Route	11.24	86.97	1.76	0.03
177.mesa	22.63	75.60	1.74	0.03
179.art	17.47	30.78	4.18	47.57
181.mcf	1.54	86.07	10.13	2.26
183.equake	11.71	84.08	2.63	1.58
188.amp	38.86	52.50	1.84	6.79
197.parser	2.38	96.17	1.20	0.25
255.vortex	14.36	83.06	2.46	0.12
300.twolf	6.27	89.88	3.84	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293404625	6812852	71531	300289008
124.m8ksim	99578418	477224	2276	100057918
126.gcc	409573551	8940223	193939	418707713
129.compress	229216	9913	1099	240228
130.li	320703851	2475940	363	323180154
132.jpeg	275091249	3540648	46564	278678461
134.perl-Scrabb	11781019	445586	818	12227423
164.gzip	115930769	8191608	107361	124229738
175.vpr-Place	5637221	23970	257	5661448
175.vpr-Route	1546233	31316	619	1578168
177.mesa	489318740	11235335	208758	500762833
179.art	321479032	43612440	496782515	861873987
181.mcf	30538653	3594706	803286	34936645
183.equake	324829034	10158466	6114012	341101512
188.amp	13711474	481395	1773707	15966576
197.parser	75940320	949888	196500	77086708
255.vortex	273581961	8096441	381813	282060215
300.twolf	271498518	11611775	2340	283112633

	L1 Hits	L2 Hits	Memory Hits
099.go	97.71	2.27	0.02
124.m8ksim	99.52	0.48	0.00
126.gcc	97.82	2.14	0.05
129.compress	95.42	4.13	0.46
130.li	99.23	0.77	0.00
132.jpeg	98.71	1.27	0.02
134.perl-Scrabb	96.35	3.64	0.01
164.gzip	93.32	6.59	0.09
175.vpr-Place	99.57	0.42	0.00
175.vpr-Route	97.98	1.98	0.04
177.mesa	97.71	2.24	0.04
179.art	37.30	5.06	57.64
181.mcf	87.41	10.29	2.30
183.equake	95.23	2.98	1.79
188.amp	85.88	3.02	11.11
197.parser	98.51	1.23	0.25
255.vortex	96.99	2.87	0.14
300.twolf	95.90	4.10	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	15719337	293404625	68128520	8583720	385836202
124.m8ksim	4060012	99578418	4772240	273120	108683790
126.gcc	29378377	409573551	89402230	23272680	551626838
129.compress	61781	229216	99130	131880	522007
130.li	38918584	320703851	24759400	43560	384425395
132.jpeg	5544471	275091249	35406480	5587680	321629880
134.perl-Scrabb	1359231	11781019	4455860	98160	17694270
164.gzip	9812869	115930769	81916080	12883320	220543038
175.vpr-Place	360898	5637221	239700	30840	6268659
175.vpr-Route	199800	1546233	313160	74280	2133473
177.mesa	1.46E+08	489318740	112353350	25050960	773222995
179.art	1.82E+08	321479032	436124400	59613901800	60553938856
181.mcf	545279	30538653	35947060	96394320	163425312
183.equake	45249715	324829034	101584660	733681440	1205344849
188.amp	10149313	13711474	4813950	212844840	241519577
197.parser	1876006	75940320	9498880	23580000	110895206
255.vortex	47299927	273581961	80964410	45817560	447663858
300.twolf	18950529	271498518	116117750	280800	406847597

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.07	76.04	17.66	2.22
124.m8ksim	3.74	91.62	4.39	0.25
126.gcc	5.33	74.25	16.21	4.22
129.compress	11.84	43.91	18.99	25.26
130.li	10.12	83.42	6.44	0.01
132.jpeg	1.72	85.53	11.01	1.74
134.perl-Scrabb	7.68	66.58	25.18	0.55
164.gzip	4.45	52.57	37.14	5.84
175.vpr-Place	5.76	89.93	3.82	0.49
175.vpr-Route	9.37	72.47	14.68	3.48
177.mesa	18.95	63.28	14.53	3.24
179.art	0.30	0.53	0.72	98.45
181.mcf	0.33	18.69	22.00	58.98
183.equake	3.75	26.95	8.43	60.87
188.amp	4.20	5.68	1.99	88.13
197.parser	1.69	68.48	8.57	21.26
255.vortex	10.57	61.11	18.09	10.23
300.twolf	4.66	66.73	28.54	0.07

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	293404625	68128520	8583720	370116865
124.m8ksim	99578418	4772240	273120	104623778
126.gcc	409573551	89402230	23272680	522248461
129.compress	229216	99130	131880	460226
130.li	320703851	24759400	43560	345506811
132.jpeg	275091249	35406480	5587680	316085409
134.perl-Scrabb	11781019	4455860	98160	16335039
164.gzip	115930769	81916080	12883320	210730169
175.vpr-Place	5637221	239700	30840	5907761
175.vpr-Route	1546233	313160	74280	1933673
177.mesa	489318740	112353350	25050960	626723050
179.art	321479032	436124400	59613901800	60371505232
181.mcf	30538653	35947060	96394320	162880033
183.equake	324829034	101584660	733681440	1160095134
188.amp	13711474	4813950	212844840	231370264
197.parser	75940320	9498880	23580000	109019200
255.vortex	273581961	80964410	45817560	400363931
300.twolf	271498518	116117750	280800	387897068

	L1 Hits	L2 Hits	Memory Hits
099.go	79.27	18.41	2.32
124.m8ksim	95.18	4.56	0.26
126.gcc	78.43	17.12	4.46
129.compress	49.81	21.54	28.66
130.li	92.82	7.17	0.01
132.jpeg	87.03	11.20	1.77
134.perl-Scrabb	72.12	27.28	0.60
164.gzip	55.01	38.87	6.11
175.vpr-Place	95.42	4.06	0.52
175.vpr-Route	79.96	16.20	3.84
177.mesa	78.08	17.93	4.00
179.art	0.53	0.72	98.75
181.mcf	18.75	22.07	59.18
183.equake	28.00	8.76	63.24
188.amp	5.93	2.08	91.99
197.parser	69.66	8.71	21.63
255.vortex	68.33	20.22	11.44
300.twolf	69.99	29.94	0.07

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14431336	291464605	473525	425900	306795366
124.m88ksim	3926830	99409616	75939	6363	103418748
126.gcc	28781621	410534690	2750008	1518605	443584924
129.compress	61010	231456	6836	3011	302313
130.li	37730610	319160854	1856946	8172	358756582
132.jpeg	4827212	277420846	787218	349839	283385115
134.perl-Scrabb	1181432	12025592	11862	3389	13222275
164.gzip	9592091	117542987	6565461	1010863	134711402
175.vpr-Place	361320	5640526	581	348	6002775
175.vpr-Route	188776	1540534	14597	1282	1745189
177.mesa	1.35E+08	505693466	218641	210394	640654953
179.art	1.82E+08	318241572	47268796	496804181	1044734155
181.mcf	580508	31168202	2478037	1087511	35314258
183.equake	45410686	32666673	7589354	6562245	386228958
188.amp	10142264	13701203	37644	2213980	26095091
197.parser	1829581	74720684	323599	331279	77205143
255.vortex	47549659	276610934	2831552	2368055	329360200
300.twolf	18922863	272235498	8203467	352975	299714803

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.70	95.00	0.15	0.14
124.m88ksim	3.80	96.12	0.07	0.01
126.gcc	6.49	92.55	0.62	0.34
129.compress	20.18	76.56	2.26	1.00
130.li	10.52	88.96	0.52	0.00
132.jpeg	1.70	97.90	0.28	0.12
134.perl-Scrabb	8.94	90.95	0.09	0.03
164.gzip	7.12	87.26	4.87	0.75
175.vpr-Place	6.02	93.97	0.01	0.01
175.vpr-Route	10.82	88.27	0.84	0.07
177.mesa	21.00	78.93	0.03	0.03
179.art	17.46	30.46	4.52	47.55
181.mcf	1.64	88.26	7.02	3.08
183.equake	11.76	84.58	1.96	1.70
188.amp	38.87	52.50	0.14	8.48
197.parser	2.37	96.78	0.42	0.43
255.vortex	14.44	83.98	0.86	0.72
300.twolf	6.31	90.83	2.74	0.12

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291464605	473525	425900	292364030
124.m88ksim	99409616	75939	6363	99491918
126.gcc	410534690	2750008	1518605	414803303
129.compress	231456	6836	3011	241303
130.li	319160854	1856946	8172	321025972
132.jpeg	277420846	787218	349839	278557903
134.perl-Scrabb	12025592	11862	3389	12040843
164.gzip	117542987	6565461	1010863	125119311
175.vpr-Place	5640526	581	348	5641455
175.vpr-Route	1540534	14597	1282	1556413
177.mesa	505693466	218641	210394	506122501
179.art	318241572	47268796	496804181	862314549
181.mcf	31168202	2478037	1087511	34733750
183.equake	32666673	7589354	6562245	340818272
188.amp	13701203	37644	2213980	15952827
197.parser	74720684	323599	331279	75375562
255.vortex	276610934	2831552	2368055	281810541
300.twolf	272235498	8203467	352975	280791940

	L1 Hits	L2 Hits	Memory Hits
099.go	99.69	0.16	0.15
124.m88ksim	99.92	0.08	0.01
126.gcc	98.97	0.66	0.37
129.compress	95.92	2.83	1.25
130.li	99.42	0.58	0.00
132.jpeg	99.59	0.28	0.13
134.perl-Scrabb	99.87	0.10	0.03
164.gzip	93.94	5.25	0.81
175.vpr-Place	99.98	0.01	0.01
175.vpr-Route	98.98	0.94	0.08
177.mesa	99.92	0.04	0.04
179.art	36.91	5.48	57.61
181.mcf	89.73	7.13	3.13
183.equake	95.85	2.23	1.93
188.amp	85.89	0.24	13.88
197.parser	99.13	0.43	0.44
255.vortex	98.15	1.00	0.84
300.twolf	96.95	2.92	0.13

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14431336	291464605	4735250	51108000	361739191
124.m88ksim	3926830	99409616	759390	763560	104859396
126.gcc	28781621	410534690	27500080	182232600	649048991
129.compress	61010	231456	68360	361320	722146
130.li	37730610	319160854	18569460	980640	376441564
132.jpeg	4827212	277420846	7872180	41980680	332100918
134.perl-Scrabb	1181432	12025592	118620	406680	13732324
164.gzip	9592091	117542987	65654610	121303560	314093248
175.vpr-Place	361320	5640526	5810	41760	6049416
175.vpr-Route	188776	1540534	145970	153840	2029120
177.mesa	1.35E+08	505693466	2186410	25247280	667659608
179.art	1.82E+08	318241572	472687960	59616501720	60589850858
181.mcf	580508	31168202	24780370	130501320	187030400
183.equake	45410686	32666673	75893540	787469400	1235440299
188.amp	10142264	13701203	376440	265677600	289897507
197.parser	1829581	74720684	3235990	39753480	119539735
255.vortex	47549659	276610934	28315520	284166600	636642713
300.twolf	18922863	272235498	82034670	42357000	415550031

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	3.99	80.57	1.31	14.13
124.m88ksim	3.74	94.80	0.72	0.73
126.gcc	4.43	63.25	4.24	28.08
129.compress	8.45	32.05	9.47	50.03
130.li	10.02	84.78	4.93	0.26
132.jpeg	1.45	83.54	2.37	12.64
134.perl-Scrabb	8.60	87.57	0.86	2.96
164.gzip	3.05	37.42	20.90	38.62
175.vpr-Place	5.97	93.24	0.10	0.69
175.vpr-Route	9.30	75.92	7.19	7.58
177.mesa	20.15	75.74	0.33	3.78
179.art	0.30	0.53	0.78	98.39
181.mcf	0.31	16.66	13.25	69.78
183.equake	3.68	26.44	6.14	63.74
188.amp	3.50	4.73	0.13	91.65
197.parser	1.53	62.51	2.71	33.26
255.vortex	7.47	43.45	4.45	44.64
300.twolf	4.55	65.51	19.74	10.19

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291464605	4735250	51108000	347307855
124.m88ksim	99409616	759390	763560	100932566
126.gcc	410534690	27500080	182232600	620267370
129.compress	231456	68360	361320	661136
130.li	319160854	18569460	980640	338710954
132.jpeg	277420846	7872180	41980680	327273706
134.perl-Scrabb	12025592	118620	406680	12550892
164.gzip	117542987	65654610	121303560	304501157
175.vpr-Place	5640526	5810	41760	5688096
175.vpr-Route	1540534	145970	153840	1840344
177.mesa	505693466	2186410	25247280	533127156
179.art	318241572	472687960	59616501720	60407431252
181.mcf	31168202	24780370	130501320	186449892
183.equake	32666673	75893540	787469400	1190029613
188.amp	13701203	376440	265677600	279755243
197.parser	74720684	3235990	39753480	117710154
255.vortex	276610934	28315520	284166600	589093054
300.twolf	272235498	82034670	42357000	396627168

	L1 Hits	L2 Hits	Memory Hits
099.go	83.92	1.36	14.72
124.m88ksim	98.49	0.75	0.76
126.gcc	66.19	4.43	29.38
129.compress	35.01	10.34	54.65
130.li	94.23	5.48	0.29
132.jpeg	84.77	2.41	12.83
134.perl-Scrabb	95.81	0.95	3.24
164.gzip	38.60	21.56	39.84
175.vpr-Place	99.16	0.10	0.73
175.vpr-Route	83.71	7.93	8.36
177.mesa	94.85	0.41	4.74
179.art	0.53	0.78	98.69
181.mcf	16.72	13.29	69.99
183.equake	27.45	6.38	66.17
188.amp	4.90	0.13	94.97
197.parser	63.48	2.75	33.77
255.vortex	46.96	4.81	48.24
300.twolf	68.64	20.68	10.68

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14358586	291382152	533399	361591	306635728
124.m8ksim	4051886	99474619	78878	3457	103608840
126.gcc	28805445	410750430	2831837	1438215	443825927
129.compress	61269	230674	6020	3816	301779
130.li	37448378	316135538	1868145	692	355452753
132.jpeg	4954916	277263081	765516	371452	283354965
134.perl-Scrabb	1191798	12060406	12442	3105	13267751
164.gzip	9396205	117653509	6854899	721562	134626175
175.vpr-Place	360769	5633232	610	312	5994923
175.vpr-Route	187385	1544407	14734	1092	1747618
177.mesa	1.35E+08	505747223	219764	209307	641013593
179.art	1.82E+08	318311272	47271679	496800151	1044802567
181.mcf	577936	31130080	2524674	1042419	35275109
183.equake	45147448	326617360	7671738	6479123	385915669
188.amp	10142018	13704313	27694	2224067	26098092
197.parser	1832996	74568267	330539	324098	77055900
255.vortex	47875061	276598873	3037828	2152620	329664382
300.twolf	18734660	272095018	8455459	73477	299358614

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.68	95.03	0.17	0.12
124.m8ksim	3.91	96.01	0.08	0.00
126.gcc	6.49	92.55	0.64	0.32
129.compress	20.30	76.44	1.99	1.26
130.li	10.54	88.94	0.53	0.00
132.jpeg	1.75	97.85	0.27	0.13
134.perl-Scrabb	8.98	90.90	0.09	0.02
164.gzip	6.98	87.39	5.09	0.54
175.vpr-Place	6.02	93.97	0.01	0.01
175.vpr-Route	10.72	88.37	0.84	0.06
177.mesa	21.04	78.90	0.03	0.03
179.art	17.46	30.47	4.52	47.55
181.mcf	1.64	88.25	7.16	2.96
183.equake	11.70	84.63	1.99	1.68
188.amp	38.86	52.51	0.11	8.52
197.parser	2.38	96.77	0.43	0.42
255.vortex	14.52	83.90	0.92	0.65
300.twolf	6.26	90.89	2.82	0.02

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291382152	533399	361591	292277142
124.m8ksim	99474619	78878	3457	99556954
126.gcc	410750430	2831837	1438215	415020482
129.compress	230674	6020	3816	240510
130.li	316135538	1868145	692	318004375
132.jpeg	277263081	765516	371452	278400049
134.perl-Scrabb	12060406	12442	3105	12075953
164.gzip	117653509	6854899	721562	125229970
175.vpr-Place	5633232	610	312	5634154
175.vpr-Route	1544407	14734	1092	1560233
177.mesa	505747223	219764	209307	506176294
179.art	318311272	47271679	496800151	862383102
181.mcf	31130080	2524674	1042419	34697173
183.equake	326617360	7671738	6479123	340768221
188.amp	13704313	27694	2224067	15956074
197.parser	74568267	330539	324098	75222904
255.vortex	276598873	3037828	2152620	281789321
300.twolf	272095018	8455459	73477	280623954

	L1 Hits	L2 Hits	Memory Hits
099.go	99.69	0.18	0.12
124.m8ksim	99.92	0.08	0.00
126.gcc	98.97	0.68	0.35
129.compress	95.91	2.50	1.59
130.li	99.41	0.59	0.00
132.jpeg	99.59	0.27	0.13
134.perl-Scrabb	99.87	0.10	0.03
164.gzip	93.95	5.47	0.58
175.vpr-Place	99.98	0.01	0.01
175.vpr-Route	98.99	0.94	0.07
177.mesa	99.92	0.04	0.04
179.art	36.91	5.48	57.61
181.mcf	89.72	7.28	3.00
183.equake	95.85	2.25	1.90
188.amp	85.89	0.17	13.94
197.parser	99.13	0.44	0.43
255.vortex	98.16	1.08	0.76
300.twolf	96.96	3.01	0.03

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14358586	291382152	5333990	43390920	354465648
124.m8ksim	4051886	99474619	788780	414840	104730125
126.gcc	28805445	410750430	28318370	172585800	640460045
129.compress	61269	230674	60200	457920	810063
130.li	37448378	316135538	18681450	83040	372348406
132.jpeg	4954916	277263081	7655160	44574240	334447397
134.perl-Scrabb	1191798	12060406	124420	372600	13749224
164.gzip	9396205	117653509	68548990	86587440	282186144
175.vpr-Place	360769	5633232	6100	37440	6037541
175.vpr-Route	187385	1544407	147340	131040	2010172
177.mesa	1.35E+08	505747223	2197640	25116840	667899002
179.art	1.82E+08	318311272	472716790	59616018120	60589465647
181.mcf	577936	31130080	25246740	125090280	182045036
183.equake	45147448	326617360	76717380	777494760	1225976948
188.amp	10142018	13704313	276940	266888040	291011311
197.parser	1832996	74568267	3305390	38891760	118598413
255.vortex	47875061	276598873	30378280	258314400	613166614
300.twolf	18734660	272095018	84554590	8817240	384201508

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.05	82.20	1.50	12.24
124.m8ksim	3.87	94.98	0.75	0.40
126.gcc	4.50	64.13	4.42	26.95
129.compress	7.56	28.48	7.43	56.53
130.li	10.06	84.90	5.02	0.02
132.jpeg	1.48	82.90	2.29	13.33
134.perl-Scrabb	8.67	87.72	0.90	2.71
164.gzip	3.33	41.69	24.29	30.68
175.vpr-Place	5.98	93.30	0.10	0.62
175.vpr-Route	9.32	76.83	7.33	6.52
177.mesa	20.19	75.72	0.33	3.76
179.art	0.30	0.53	0.78	98.39
181.mcf	0.32	17.10	13.87	68.71
183.equake	3.68	26.64	6.26	63.42
188.amp	3.49	4.71	0.10	91.71
197.parser	1.55	62.87	2.79	32.79
255.vortex	7.81	45.11	4.95	42.13
300.twolf	4.88	70.82	22.01	2.29

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291382152	5333990	43390920	340107062
124.m8ksim	99474619	788780	414840	100678239
126.gcc	410750430	28318370	172585800	611654600
129.compress	230674	60200	457920	748794
130.li	316135538	18681450	83040	334900028
132.jpeg	277263081	7655160	44574240	329492481
134.perl-Scrabb	12060406	124420	372600	12557426
164.gzip	117653509	68548990	86587440	272789939
175.vpr-Place	5633232	6100	37440	5676772
175.vpr-Route	1544407	147340	131040	1822787
177.mesa	505747223	2197640	25116840	533061703
179.art	318311272	472716790	59616018120	60407046182
181.mcf	31130080	25246740	125090280	181467100
183.equake	326617360	76717380	777494760	1180829500
188.amp	13704313	276940	266888040	280869293
197.parser	74568267	3305390	38891760	116765417
255.vortex	276598873	30378280	258314400	565291553
300.twolf	272095018	84554590	8817240	365466848

	L1 Hits	L2 Hits	Memory Hits
099.go	85.67	1.57	12.76
124.m8ksim	98.80	0.78	0.41
126.gcc	67.15	4.63	28.22
129.compress	30.81	8.04	61.15
130.li	94.40	5.58	0.02
132.jpeg	84.15	2.32	13.53
134.perl-Scrabb	96.04	0.99	2.97
164.gzip	43.13	25.13	31.74
175.vpr-Place	99.23	0.11	0.66
175.vpr-Route	84.73	8.08	7.19
177.mesa	94.88	0.41	4.71
179.art	0.53	0.78	98.69
181.mcf	17.15	13.91	68.93
183.equake	27.66	6.50	65.84
188.amp	4.88	0.10	95.02
197.parser	63.86	2.83	33.31
255.vortex	48.93	5.37	45.70
300.twolf	74.45	23.14	2.41

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14285609	291483992	765486	127102	306662189
124.m8ksim	3918245	99453537	80715	1731	103454228
126.gcc	26971418	409430059	3922464	313384	440637325
129.compress	60526	230570	8611	1166	300873
130.li	37432116	316148449	1858588	408	355439561
132.jpeg	4448822	277673552	1055495	79596	283257465
134.perl-Scrabb	1198251	12033296	14474	1086	13247107
164.gzip	9152398	116973654	7440167	111500	133677719
175.vpr-Place	361309	5640110	650	284	6002353
175.vpr-Route	187925	1540830	15134	659	1744548
177.mesa	1.35E+08	508726737	220313	208684	644138487
179.art	1.82E+08	322339872	145092376	398989255	1048853080
181.mcf	546869	30895047	2747390	814019	35003325
183.equake	45140994	326644681	8011689	6140104	385937468
188.amp	10138485	13718072	636325	1615472	26108354
197.parser	1819559	74434962	451500	203436	76909457
255.vortex	44000981	279585803	4504956	685477	328777217
300.twolf	18695108	272232992	8501083	26019	299455202

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291483992	765486	127102	292376580
124.m8ksim	99453537	80715	1731	99535983
126.gcc	409430059	3922464	313384	413665907
129.compress	230570	8611	1166	240347
130.li	316148449	1858588	408	318007445
132.jpeg	277673552	1055495	79596	278808643
134.perl-Scrabb	12033296	14474	1086	12048856
164.gzip	116973654	7440167	111500	124525321
175.vpr-Place	5640110	650	284	5641044
175.vpr-Route	1540830	15134	659	1556623
177.mesa	508726737	220313	208684	509155734
179.art	322339872	145092376	398989255	866421503
181.mcf	30895047	2747390	814019	34456456
183.equake	326644681	8011689	6140104	340796474
188.amp	13718072	636325	1615472	15969869
197.parser	74434962	451500	203436	75089898
255.vortex	279585803	4504956	685477	284776236
300.twolf	272232992	8501083	26019	280760094

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.66	95.05	0.25	0.04
124.m8ksim	3.79	96.13	0.08	0.00
126.gcc	6.12	92.92	0.89	0.07
129.compress	20.12	76.63	2.86	0.39
130.li	10.53	88.95	0.52	0.00
132.jpeg	1.57	98.03	0.37	0.03
134.perl-Scrabb	9.05	90.84	0.11	0.01
164.gzip	6.85	87.50	5.57	0.08
175.vpr-Place	6.02	93.96	0.01	0.00
175.vpr-Route	10.77	88.32	0.87	0.04
177.mesa	20.96	78.98	0.03	0.03
179.art	17.39	30.73	13.83	38.04
181.mcf	1.56	88.26	7.85	2.33
183.equake	11.70	84.64	2.08	1.59
188.amp	38.83	52.54	2.44	6.19
197.parser	2.37	96.78	0.59	0.26
255.vortex	13.38	85.04	1.37	0.21
300.twolf	6.24	90.91	2.84	0.01

	L1 Hits	L2 Hits	Memory Hits
099.go	99.69	0.26	0.04
124.m8ksim	99.92	0.08	0.00
126.gcc	98.98	0.95	0.08
129.compress	95.93	3.58	0.49
130.li	99.42	0.58	0.00
132.jpeg	99.59	0.38	0.03
134.perl-Scrabb	99.87	0.12	0.01
164.gzip	93.94	5.97	0.09
175.vpr-Place	99.98	0.01	0.01
175.vpr-Route	98.99	0.97	0.04
177.mesa	99.92	0.04	0.04
179.art	37.20	16.75	46.05
181.mcf	89.66	7.97	2.36
183.equake	95.85	2.35	1.80
188.amp	85.90	3.98	10.12
197.parser	99.13	0.60	0.27
255.vortex	98.18	1.58	0.24
300.twolf	96.96	3.03	0.01

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14285609	291483992	7654860	15252240	328676701
124.m8ksim	3918245	99453537	807150	207720	104386652
126.gcc	26971418	409430059	39224640	37606080	513232197
129.compress	60526	230570	86110	139920	517126
130.li	37432116	316148449	18585880	48960	372215405
132.jpeg	4448822	277673552	10554950	9551520	302228844
134.perl-Scrabb	1198251	12033296	144740	130320	13506607
164.gzip	9152398	116973654	74401670	13380000	213907722
175.vpr-Place	361309	5640110	6500	34080	6041999
175.vpr-Route	187925	1540830	151340	79080	1959175
177.mesa	1.35E+08	508726737	2203130	25042080	670954700
179.art	1.82E+08	322339872	1.451E+09	47878710600	49834405809
181.mcf	546869	30895047	27473900	97682280	156598096
183.equake	45140994	326644681	80116890	736812480	1188715045
188.amp	10138485	13718072	6363250	193856640	224076447
197.parser	1819559	74434962	4515000	24412320	105181841
255.vortex	44000981	279585803	45049560	82257240	450893584
300.twolf	18695108	272232992	85010830	3122280	379061210

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291483992	7654860	15252240	314391092
124.m8ksim	99453537	807150	207720	100468407
126.gcc	409430059	39224640	37606080	486260779
129.compress	230570	86110	139920	456600
130.li	316148449	18585880	48960	334783289
132.jpeg	277673552	10554950	9551520	297780022
134.perl-Scrabb	12033296	144740	130320	12308356
164.gzip	116973654	74401670	13380000	204755324
175.vpr-Place	5640110	6500	34080	5680690
175.vpr-Route	1540830	151340	79080	1771250
177.mesa	508726737	2203130	25042080	535971947
179.art	322339872	1.451E+09	47878710600	49651974232
181.mcf	30895047	27473900	97682280	156051227
183.equake	326644681	80116890	736812480	1143574051
188.amp	13718072	6363250	193856640	213937962
197.parser	74434962	4515000	24412320	103362282
255.vortex	279585803	45049560	82257240	406892603
300.twolf	272232992	85010830	3122280	360366102

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.35	88.68	2.33	4.64
124.m8ksim	3.75	95.27	0.77	0.20
126.gcc	5.26	79.77	7.64	7.33
129.compress	11.70	44.59	16.65	27.06
130.li	10.06	84.94	4.99	0.01
132.jpeg	1.47	91.88	3.49	3.16
134.perl-Scrabb	8.87	89.09	1.07	0.96
164.gzip	4.28	54.68	34.78	6.26
175.vpr-Place	5.98	93.35	0.11	0.56
175.vpr-Route	9.59	78.65	7.72	4.04
177.mesa	20.12	75.82	0.33	3.73
179.art	0.37	0.65	2.91	96.08
181.mcf	0.35	19.73	17.54	62.38
183.equake	3.80	27.48	6.74	61.98
188.amp	4.52	6.12	2.84	86.51
197.parser	1.73	70.77	4.29	23.21
255.vortex	9.76	62.01	9.99	18.24
300.twolf	4.93	71.82	22.43	0.82

	L1 Hits	L2 Hits	Memory Hits
099.go	92.71	2.43	4.85
124.m8ksim	98.99	0.80	0.21
126.gcc	84.20	8.07	7.73
129.compress	50.50	18.86	30.64
130.li	94.43	5.55	0.01
132.jpeg	93.25	3.54	3.21
134.perl-Scrabb	97.77	1.18	1.06
164.gzip	57.13	36.34	6.53
175.vpr-Place	99.29	0.11	0.60
175.vpr-Route	86.99	8.54	4.46
177.mesa	94.92	0.41	4.67
179.art	0.65	2.92	96.43
181.mcf	19.80	17.61	62.60
183.equake	28.56	7.01	64.43
188.amp	6.41	2.97	90.61
197.parser	72.01	4.37	23.62
255.vortex	68.71	11.07	20.22
300.twolf	75.54	23.59	0.87

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14246282	291377144	830680	59788	306513894
124.m8ksim	3946365	99772960	80109	2275	103801709
126.gcc	26672182	409185144	4043190	183506	440084022
129.compress	60219	230419	8654	1102	300394
130.li	37432116	316148449	1858602	394	355439561
132.jpeg	4443204	277667643	1088813	46111	283245771
134.perl-Scrabb	1190750	12082758	14878	792	13289178
164.gzip	9144513	117018176	7445161	107285	133715135
175.vpr-Place	359968	5634760	672	253	5995653
175.vpr-Route	187625	1539952	15240	550	1743367
177.mesa	1.35E+08	509019474	220346	208670	644346306
179.art	1.82E+08	317777837	47301275	496786378	1044284649
181.mcf	542541	30899944	2755293	805610	35003388
183.equake	45431245	327024372	8013231	6120460	386589308
188.amp	10134932	13711681	478178	1773537	26098328
197.parser	1826901	74372153	458145	195920	76853119
255.vortex	42807582	280349417	4803203	382839	328343041
300.twolf	18688839	272234690	8527466	2301	299453296

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.65	95.06	0.27	0.02
124.m8ksim	3.80	96.12	0.08	0.00
126.gcc	6.06	92.98	0.92	0.04
129.compress	20.05	76.71	2.88	0.37
130.li	10.53	88.95	0.52	0.00
132.jpeg	1.57	98.03	0.38	0.02
134.perl-Scrabb	8.96	90.92	0.11	0.01
164.gzip	6.84	87.51	5.57	0.08
175.vpr-Place	6.00	93.98	0.01	0.00
175.vpr-Route	10.76	88.33	0.87	0.03
177.mesa	20.94	79.00	0.03	0.03
179.art	17.47	30.43	4.53	47.57
181.mcf	1.55	88.28	7.87	2.30
183.equake	11.75	84.59	2.07	1.58
188.amp	38.83	52.54	1.83	6.80
197.parser	2.38	96.77	0.60	0.25
255.vortex	13.04	85.38	1.46	0.12
300.twolf	6.24	90.91	2.85	0.00

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291377144	830680	59788	292267612
124.m8ksim	99772960	80109	2275	99855344
126.gcc	409185144	4043190	183506	413411840
129.compress	230419	8654	1102	240175
130.li	316148449	1858602	394	318007445
132.jpeg	277667643	1088813	46111	278802567
134.perl-Scrabb	12082758	14878	792	12098428
164.gzip	117018176	7445161	107285	124570622
175.vpr-Place	5634760	672	253	5635685
175.vpr-Route	1539952	15240	550	1555742
177.mesa	509019474	220346	208670	509448490
179.art	317777837	47301275	496786378	861865490
181.mcf	30899944	2755293	805610	34460847
183.equake	327024372	8013231	6120460	341158063
188.amp	13711681	478178	1773537	15963396
197.parser	74372153	458145	195920	75026218
255.vortex	280349417	4803203	382839	285535459
300.twolf	272234690	8527466	2301	280764457

	L1 Hits	L2 Hits	Memory Hits
099.go	99.70	0.28	0.02
124.m8ksim	99.92	0.08	0.00
126.gcc	98.98	0.98	0.04
129.compress	95.94	3.60	0.46
130.li	99.42	0.58	0.00
132.jpeg	99.59	0.39	0.02
134.perl-Scrabb	99.87	0.12	0.01
164.gzip	93.94	5.98	0.09
175.vpr-Place	99.98	0.01	0.00
175.vpr-Route	98.99	0.98	0.04
177.mesa	99.92	0.04	0.04
179.art	36.87	5.49	57.64
181.mcf	89.67	8.00	2.34
183.equake	95.86	2.35	1.79
188.amp	85.89	3.00	11.11
197.parser	99.13	0.61	0.26
255.vortex	98.18	1.68	0.13
300.twolf	96.96	3.04	0.00

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits	Total Accesses
099.go	14246282	291377144	8306800	7174560	321104786
124.m8ksim	3946365	99772960	801090	273000	104793415
126.gcc	26672182	409185144	40431900	22020720	498309946
129.compress	60219	230419	86540	132240	509418
130.li	37432116	316148449	18586020	47280	372213865
132.jpeg	4443204	277667643	10888130	5533320	298532297
134.perl-Scrabb	1190750	12082758	148780	95040	13517328
164.gzip	9144513	117018176	74451610	12874200	213488499
175.vpr-Place	359968	5634760	6720	30360	6031808
175.vpr-Route	187625	1539952	152400	66000	1945977
177.mesa	1.35E+08	509019474	2203460	25040400	671161150
179.art	1.82E+08	317777837	473012750	59614365360	60587575106
181.mcf	542541	30899944	27552930	96673200	155668615
183.equake	45431245	327024372	80132310	734455200	1187043127
188.amp	10134932	13711681	4781780	212824440	241452833
197.parser	1826901	74372153	4581450	23510400	104290904
255.vortex	42807582	280349417	48032030	45940680	417129709
300.twolf	18688839	272234690	85274660	276120	376474309

	LSQ Hits	L1 Hits	L2 Hits	Memory Hits
099.go	4.44	90.74	2.59	2.23
124.m8ksim	3.77	95.21	0.76	0.26
126.gcc	5.35	82.11	8.11	4.42
129.compress	11.82	45.23	16.99	25.96
130.li	10.06	84.94	4.99	0.01
132.jpeg	1.49	93.01	3.65	1.85
134.perl-Scrabb	8.81	89.39	1.10	0.70
164.gzip	4.28	54.81	34.87	6.03
175.vpr-Place	5.97	93.42	0.11	0.50
175.vpr-Route	9.64	79.14	7.83	3.39
177.mesa	20.10	75.84	0.33	3.73
179.art	0.30	0.52	0.78	98.39
181.mcf	0.35	19.85	17.70	62.10
183.equake	3.83	27.55	6.75	61.87
188.amp	4.20	5.68	1.98	88.14
197.parser	1.75	71.31	4.39	22.54
255.vortex	10.26	67.21	11.51	11.01
300.twolf	4.96	72.31	22.65	0.07

	L1 Hits	L2 Hits	Memory Hits	Non-LSQ Accesses
099.go	291377144	8306800	7174560	306858504
124.m8ksim	99772960	801090	273000	100847050
126.gcc	409185144	40431900	22020720	471637764
129.compress	230419	86540	132240	449199
130.li	316148449	18586020	47280	334781749
132.jpeg	277667643	10888130	5533320	294089093
134.perl-Scrabb	12082758	148780	95040	12326578
164.gzip	117018176	74451610	12874200	204343986
175.vpr-Place	5634760	6720	30360	5671840
175.vpr-Route	1539952	152400	66000	1758352
177.mesa	509019474	2203460	25040400	536263334
179.art	317777837	473012750	59614365360	60405155947
181.mcf	30899944	27552930	96673200	155126074
183.equake	327024372	80132310	734455200	1141611882
188.amp	13711681	4781780	212824440	231317901
197.parser	74372153	4581450	23510400	102464003
255.vortex	280349417	48032030	45940680	374322127
300.twolf	272234690	85274660	276120	357785470

	L1 Hits	L2 Hits	Memory Hits
099.go	94.95	2.71	2.34
124.m8ksim	98.93	0.79	0.27
126.gcc	86.76	8.57	4.67
129.compress	51.30	19.27	29.44
130.li	94.43	5.55	0.01
132.jpeg	94.42	3.70	1.88
134.perl-Scrabb	98.02	1.21	0.77
164.gzip	57.27	36.43	6.30
175.vpr-Place	99.35	0.12	0.54
175.vpr-Route	87.58	8.67	3.75
177.mesa	94.92	0.41	4.67
179.art	0.53	0.78	98.69
181.mcf	19.92	17.76	62.32
183.equake	28.65	7.02	64.33
188.amp	5.93	2.07	92.01
197.parser	72.58	4.47	22.95
255.vortex	74.90	12.83	12.27
300.twolf	76.09	23.83	0.08