Application	Kernel	TBs	GPU Residency
AES	aesEncrypt128	257	90
BFS	Kernel	256	90
CP	cenergy	256	120
LIB	Pathcalc_Portfolio_KernelGPU2	64	64
LIB	Pathcalc_Portfolio_KernelGPU	64	64
LPS	GPU_laplace3d	100	100
MUM	mummergpuKernel	196	75
NN	executeFirstLayer	168	105
NN	executeSecondLayer	1400	120
NN	executeThirdLayer	2800	120
NN	executeFourthLayer	280	120
NQU	solve_nqueen_cuda_kernel	256	45
RAY	render	512	75
STO	sha1_overlap	384	75
BlackScholes	BlackScholesGPU	480	120
convSeparable	convolutionRowsKernel	18432	120
convSeparable	convolutionColumnsKernel	9216	120
histogram	histogram64Kernel	4370	120
histogram	mergeHistogram64Kernel	64	64
histogram	histogram256Kernel	240	120
histogram	mergeHistogram256Kernel	256	90
MonteCarlo	inverseCNDKernel	128	120
MonteCarlo	MonteCarloOneBlockPerOption	256	90
scalarProd	scalarProdGPU	128	90
bfs	BFS_in_GPU_kernel	1	1
bfs	BFS_kernel_multi_blk_inGPU	14	14
cutcp	cuda_cutoff_potential_lattice6overlap	121	120
mri-q	ComputeQ_GPU	128	75
sad	mb_sad_calc	1584	120
sad	larger_sad_calc	99	99
sgemm	mysgemm	10	10
stencil	block2D_hybrid_coarsen_xff	64	64
tpacf	gen_hists	201	45
backprop	bpnn_layerforward_CUDA	4096	90
backprop	bpnn_adjust_weights_cuda	4096	90
bfs	Kernel	1954	36
bfs	Kernel2	1954	36
b+tree	findRangeK	6000	45
b+tree	findK	10000	45
cfd	cuda_initialize_variables	1212	120
cfd	cuda_compute_step_factor	1212	120
cfd	cuda_compute_flux	1212	45
cfd	cuda_time_step	1212	120
hotspot	calculate_temp	1849	60
kmeans	invert_mapping	1936	90
kmeans	kmeanPoint	1936	90
lavaMD	kernel_gpu_cuda	1000	60
lud	lud_diagonal	1	1
lud	lud_perimeter	3	3
pathfinder	dynproc_kernel	463	90
srad_v1	srad	450	45
srad_v1	srad2	450	45
srad_v1	reduce	450	45
srad_v1	extract	450	45
srad_v1	prepare	450	45
srad_v1	compress	450	45
srad_v2	srad_cuda_1	16384	90
srad_v2	srad_cuda_2	16384	90