

FileFilterViewWindowHelp

MCT.ccQS_Vector.hhmain.cc

126__global__ void CycleTrackingKernel(MonteCarlo* monteCarlo, int num_particles, ParticleVault* processingVault, ParticleVault* p
127{
128 int global_index = getGlobalThreadID();
129
130 if(global_index < num_particles)
131 {
132 CycleTrackingGuts(monteCarlo, global_index, processingVault, processedVault);
133 }
134}
135
136#endif
137

Top-down viewBottom-up viewFlat view

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Scope	GINS:Sum (I)		GINS:Sum (E)	
Σ Experiment Aggregate Metrics	1.07e+11	100 %	1.07e+11	100 %
▼ [c:2] <program root>	1.07e+11	100 %		
▼ ➡ 516: [c:4/3] main	1.07e+11	100 %		
▼ [c:27] loop at main.cc: 55	1.07e+11	100 %		
▼ ➡ 58: [c:29/28] cycleTracking(MonteCarlo*)	1.07e+11	100 %		
▼ [c:30] loop at main.cc: 159	1.07e+11	100 %		
▼ [c:31] loop at main.cc: 159	1.07e+11	100 %		
▼ [c:32] loop at main.cc: 163	1.07e+11	100 %		
▼ ➡ 193: [c:37/36] [I] CycleTrackingKernel(MonteCarlo*, int, ParticleVault*, ParticleVault*)	1.07e+11	100 %		
▼ ➡ 127: [c:39/38] __device_stub__Z19CycleTrackingKernelP10MonteCarloiP13ParticleVaultS2_(MonteCarlo*, int, ParticleVault*, ParticleVault*)	1.07e+11	100 %		
▼ ➡ 14: [c:41/40] [I] cudaLaunchKernel<char>	1.07e+11	100 %		
▼ ➡ 209: [c:43/42] <gpu kernel>	1.07e+11	100 %		
▶ ➡ 174: [c:157/44] MCT_Nearest_Facet(MC_Particle*, MC_Location&, MC_Vector&, Direction&)	3.01e+10	28.1%	3.01e+10	28.1%
▶ ➡ 174: [c:442/44] NuclearData::getReactionCrossSection(unsigned int, unsigned int, unsigned int)	1.70e+10	15.9%	1.70e+10	15.9%
▶ ➡ 174: [c:359/44] MC_Load_Particle(MonteCarlo*, MC_Particle&, ParticleVault*, int)	1.46e+10	13.6%	1.46e+10	13.6%
▶ ➡ 174: [c:425/44] macroscopicCrossSection(MonteCarlo*, int, int, int, int, int)	1.42e+10	13.3%	1.42e+10	13.3%
▶ ➡ 174: [c:45/44] CollisionEvent(MonteCarlo*, MC_Particle&, unsigned int)	1.27e+10	11.9%	1.27e+10	11.9%
▶ ➡ 174: [c:253/44] MC_Segment_Outcome(MonteCarlo*, MC_Particle&, unsigned int&)	5.19e+09	4.9%	5.19e+09	4.9%
▶ ➡ 174: [c:101/44] CycleTrackingGuts(MonteCarlo*, int, ParticleVault*, ParticleVault*)	4.16e+09	3.9%	4.16e+09	3.9%
▶ ➡ 174: [c:335/44] ParticleVaultContainer::addExtraParticle(MC_Particle&)	3.26e+09	3.0%	3.26e+09	3.0%
▶ ➡ 174: [c:408/44] weightedMacroscopicCrossSection(MonteCarlo*, int, int, int, int)	1.49e+09	1.4%	1.49e+09	1.4%
▶ ➡ 174: [c:325/44] NuclearData::getEnergyGroup(double)	1.22e+09	1.1%	1.22e+09	1.1%
▶ ➡ 174: [c:436/44] NuclearData::getNumberReactions(unsigned int)	8.81e+08	0.8%	8.81e+08	0.8%
▶ ➡ 174: [c:310/44] NuclearDataReaction::sampleCollision(double, double, double*, double)	7.35e+08	0.7%	7.35e+08	0.7%