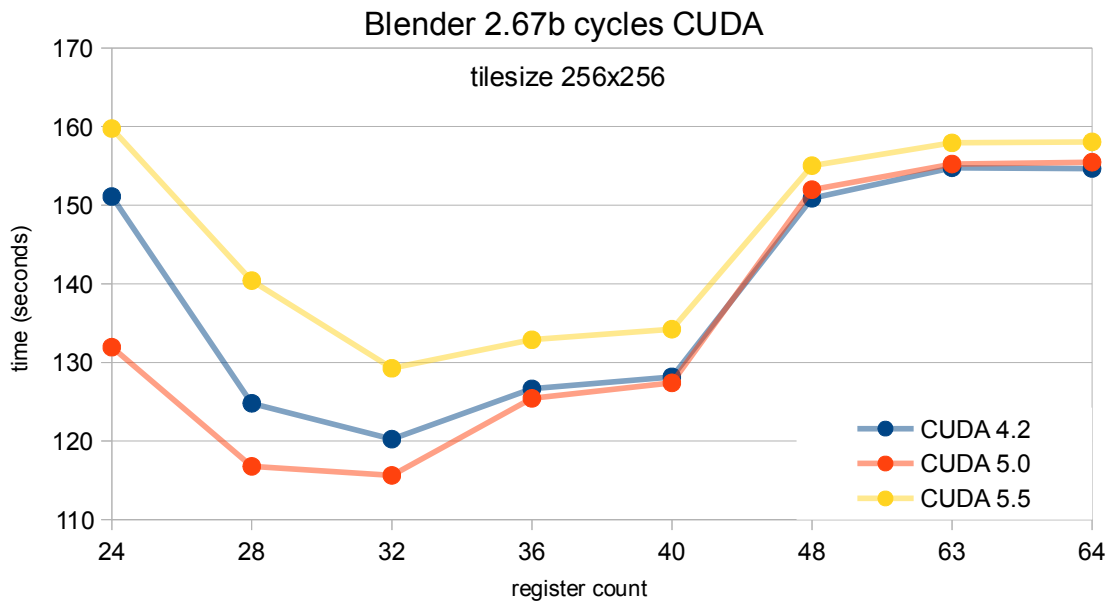


Barcelona Blender 2.67b(release) cycles kernel

on different cuda versions and with different values for `--maxrregcount=`

System: core i7 2600k, ubuntu 13.04, cuda 4.2, 5.0, 5.5 Nvidia Geforce GTX570 2.5 GB (sm_20)

time (s)	CUDA 4.2	CUDA 5.0	CUDA 5.5	Average
24	151.1	131.9	159.7	147.6
28	124.8	116.8	140.4	127.3
32	120.2	115.6	129.3	121.7
36	126.6	125.4	132.9	128.3
40	128.2	127.4	134.2	129.9
48	150.9	152.0	155.0	152.6
63	154.8	155.2	157.9	156.0
64	154.7	155.5	158.0	156.1



Sample compilation:

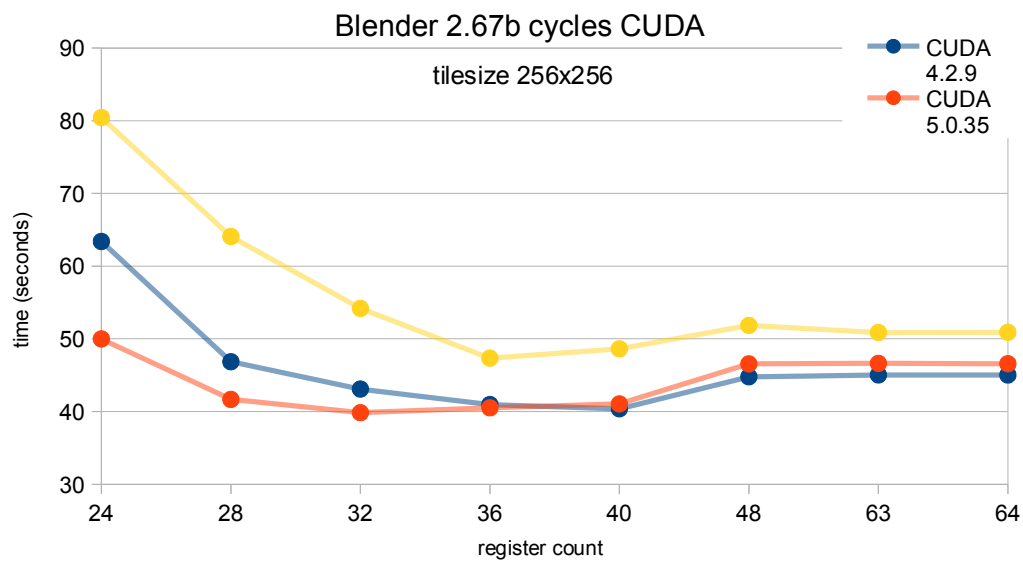
```
/opt/cuda-4.2/bin/nvcc /home/mberger/Downloads/blender-2.67b-linux-glibc211-x86_64/2.67/scripts/addons/cycles/kernel/kernel.cu  
-arch=sm_20 -m64 --cubin -o /tmp/kernel_sm20_64_4.2.cubin --ptxas-options=-v --maxrregcount=64  
--opencc-options -OPT:Olimit=0 --use_fast_math -DCCL_NAMESPACE_BEGIN=-DCCL_NAMESPACE_END=-DNVCC
```

BMW Blender 2.67b(release) cycles kernel

on different cuda versions and with different values for `--maxrregcount=`

System: core i7 2600k, ubuntu 13.04, cuda 4.2, 5.0, 5.5 Nvidia Geforce GTX570 2.5 GB (sm_20)

time (s)	CUDA 4.2.9	CUDA 5.0.35	CUDA 5.5.11	Average
24	63.4	50.0	80.4	64.6
28	46.9	41.7	64.1	50.9
32	43.1	39.8	54.2	45.7
36	41.0	40.5	47.3	42.9
40	40.4	41.1	48.6	43.4
48	44.8	46.6	51.8	47.7
63	45.0	46.6	50.9	47.5
64	45.0	46.6	50.9	47.5



Sample compilation:

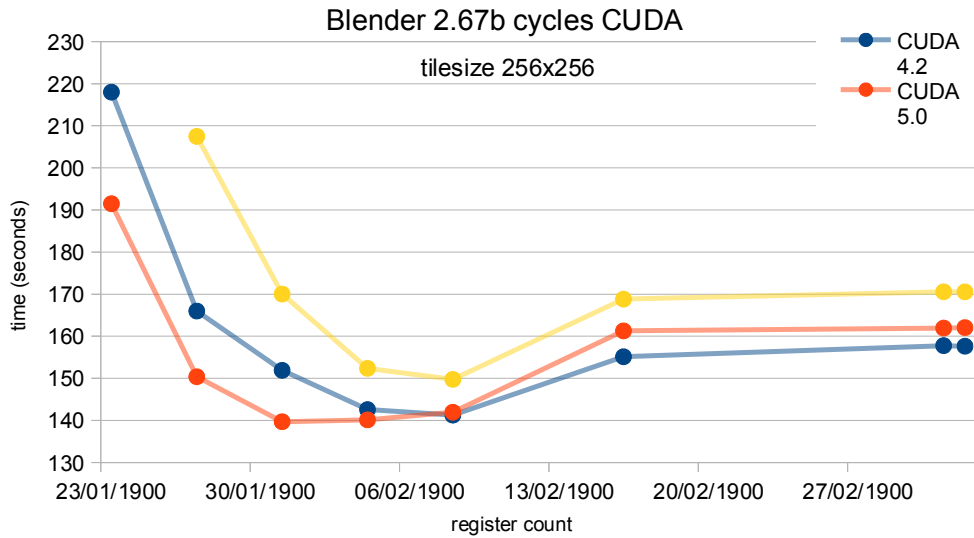
```
/opt/cuda-4.2/bin/nvcc /home/mberger/Downloads/blender-2.67b-linux-glibc211-x86_64/2.67/scripts/addons/cycles/kernel/kernel.cu  
-arch=sm_20 -m64 --cubin -o /tmp/kernel_sm20_64_4.2.cubin --ptxas-options=-v --maxrregcount=64  
--opencc-options -OPT:Olimit=0 --use_fast_math -DCCL_NAMESPACE_BEGIN= -DCCL_NAMESPACE_END= -DNVCC
```

Blender 2.67b(release) cycles kernel

on different cuda versions and with different values for `--maxrregcount=`

System: core i7 2600k, ubuntu 13.04, cuda 4.2, 5.0, 5.5 Nvidia Geforce GTX550Ti (sm_21)

time (s)	CUDA 4.2	CUDA 5.0	CUDA 5.5	Average
24	218.0	191.5	N/A	204.7
28	166.0	150.4	207.5	174.6
32	151.9	139.7	170.0	153.9
36	142.6	140.1	152.4	145.0
40	141.3	142.0	149.8	144.3
48	155.1	161.3	168.8	161.8
63	157.8	161.9	170.6	163.4
64	157.6	162.1	170.6	163.4



Sample compilation:

```
/opt/cuda-4.2/bin/nvcc /home/mberger/Downloads/blender-2.67b-linux-glibc211-x86_64/2.67/scripts/addons/cycles/kernel/kernel.cu  
-arch=sm_21 -m64 --cubin -o /tmp/kernel_sm21_64_4.2.cubin --ptxas-options=-v --maxrregcount=64  
--opencc-options -OPT:Olimit=0 --use_fast_math -DCCL_NAMESPACE_BEGIN= -DCCL_NAMESPACE_END= -DNVCC
```