

	Non-Segmented Reduction on NVIDIA RTX 4080									
	Number of Elements									
	128K	256K	512K	1M	2M	4M	8M	16M	32M	64M
Thrust	6.85	12.88	24.17	41.66	65.25	93.86	120.83	140.77	151.44	158.71
CUB	29.27	49.37	75.88	106.33	129.45	145.49	155.56	160.14	164.07	165.81
ui32_sh_mem	34.28	52.53	83.78	109.82	132.33	146.09	155.16	160.29	163.11	165.01
ui32_shfl	40.31	57.08	88.96	114.29	133.28	146.87	155.72	160.75	163.42	165.19
ui32_atomic_op	42.94	61.48	91.28	116.70	134.63	147.71	156.02	160.89	163.44	165.24
ui32x4	45.91	69.72	98.10	124.74	143.10	154.21	160.42	163.97	164.91	166.74
speedup (CUB/ui32x4)	1.57	1.41	1.29	1.17	1.11	1.06	1.03	1.02	1.01	1.01