2D Speedup 64 16.7x 64 Processors Per Shared Memory Group 12.7x 32 14.9x 10.6x 12.3x 14.9x 16 Speedup 10.0x 12.0x 14.8x 6.6x 8 - 32 3.7x 6.4x 9.9x11.8x 13.4x 4 16 1.7x 3.6x 6.4x 10.0x 12.1x 13.0x 2 6.5x 10.3x 11.2x 14.4x 1.0x 1.8x 3.6x 1 - 4 2 4 8 16 32 64 1 **Number of Processors**