Throughput vs. time resolution; S4, S4dd 2250 2000 throughput [ops/s] 1750 1500 1250 1000 num Th., S4dd, mr=100000 num Th., S4, mr=100000 Th., S4dd, mr=100000 750 Th., S4, mr=100000 10<sup>3</sup> 10<sup>6</sup> time resolution