Concurrent Compute Units per Component. 1920 CUs of 1 core(s) with a 60s payload on a 624 core pilot on xsede.comet orte. 10 sub-agent with varying ExecWorker(s). All times are per CU. RP: v0.37.10-123-gff871df@fix-global_atexit - RS: v0.37-2-g4ef5f6d@devel - RU: v0.37-10-gc6909e3@devel 1600 Populating MongoDB Staging Input Data Scheduling Executina Staging Output Data 1400 1200 1000 800 600 400 200

Concurrent Compute Units

50

150

100

200

250

Time (s)

300

350

400