Schematic View of ATLAS AthenaMP

init ➔ OS-fork

core-0 ➔ Worker 0: Events: [0, 5, 8,...]

core-1 ➔ Worker 1: Events: [1, 7, 10,...]

core-2 ➔ Worker 2: Events: [3, 6, 9,...]

core-3 ➔ Worker 3: Events: [2, 4, 12,...]

Output File ➔ fin

PARALLEL: 4 workers event loop + fin

SERIAL: parent-init-fork

SERIAL: finalize