Athena

92.4%

Conversion
CPU→GPU 0.4%

GPU→CPU 0.1%

Data Transfer 0.1%

IPC 0.4%

Counting 2.2%

Doublet Making 1.7%

Triplet Making 2.6%

GPU Track Seeding
88ms 7.6%

Inner Detector Track Seeding on CPU

Time per event 1.2 s

Inner Detector Track Seeding on GPU

Time per event 1.6 s

Athena
72.3%

CPU Track Seeding
440ms 27.7%

Inner Detector Track Seeding on CPU

Time per event 1.2 s

Inner Detector Track Seeding on GPU

Time per event 1.6 s

Athena
92.4%

GPU Track Seeding
88ms 7.6%

Doublet Making 1.7%

Triplet Making 2.6%

Counting 2.2%

Conversion
CPU→GPU 0.4%

Conversion
GPU→CPU 0.1%

Data Transfer 0.1%

IPC 0.4%