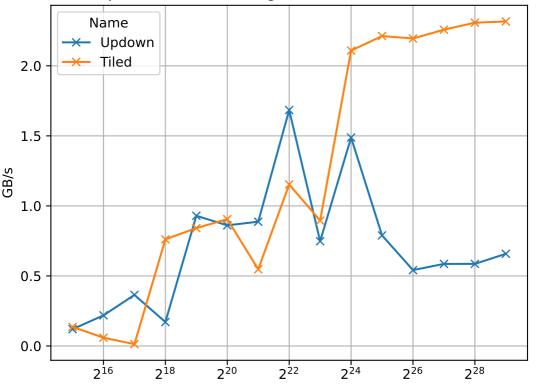Ziti-Rome OpenMP Exclusive Segmented Scans with Auto Scheduling