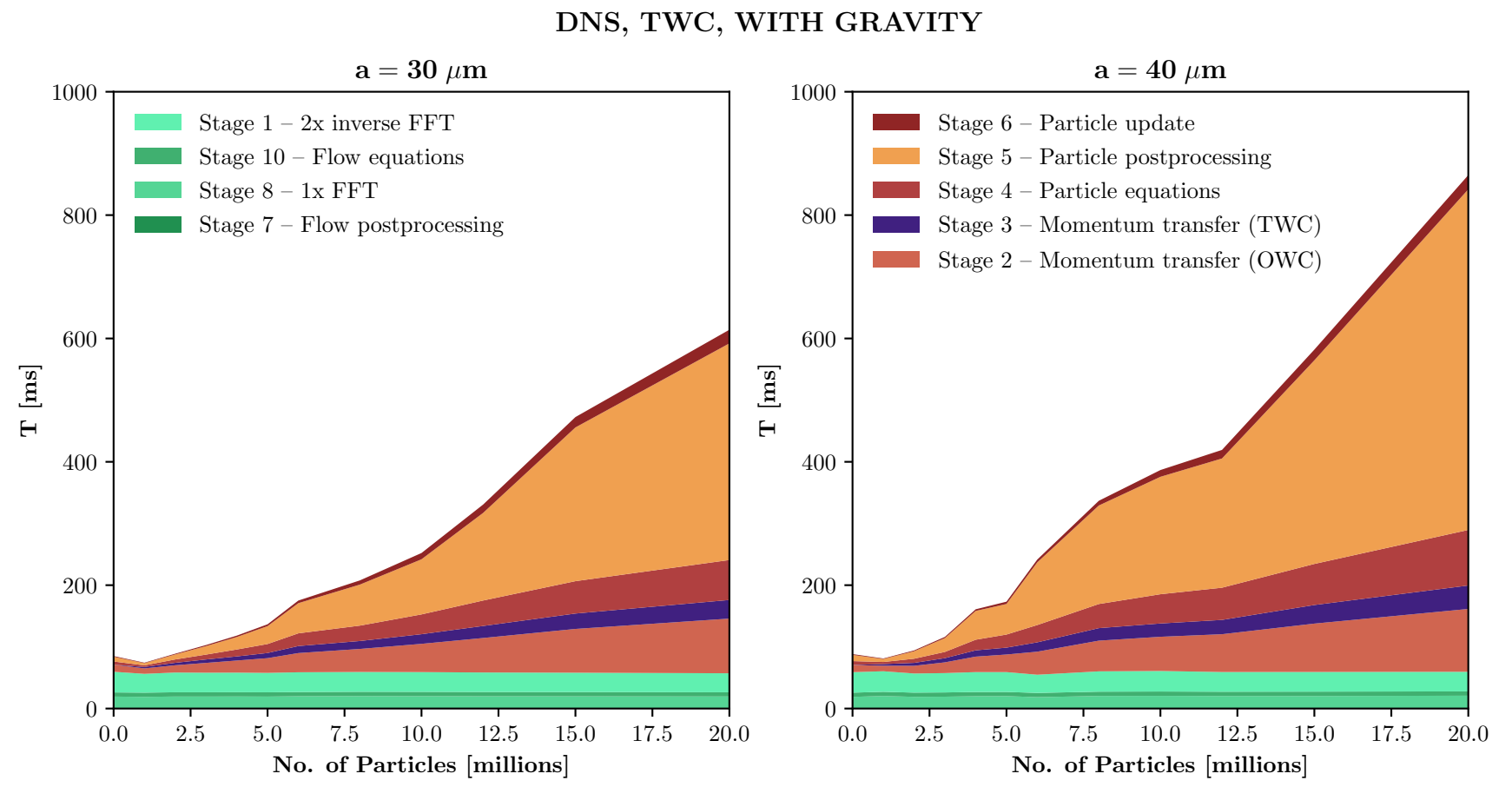
DNS, TWC, WITH GRAVITY
a = 30 μm
a = 40 μm
Stage 1 – 2x inverse FFT
Stage 10 – Flow equations
Stage 8 – 1x FFT
Stage 7 – Flow postprocessing
Stage 6 – Particle update
Stage 5 – Particle postprocessing
Stage 4 – Particle equations
Stage 3 – Momentum transfer (TWC)
Stage 2 – Momentum transfer (OWC)
T [ms]
No. of Particles [millions]
0
200
400
600
800
1000
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0