2015-12-12 Run 1 AMPPNP row 1 1600 1 101.nd2

25 μm

occurrence

frame to frame velocity (nm/s)

average velocity per frame (nm/s)

time (s)

number of microtubules: 174

length of microtubules: 5th: 2 ºm; 50th: 5 ºm.

average speed: 175.6 ± 298.5 nm/s

fast pop: 307 ± 507 nm/s

slow pop: 156 ± 151 nm/s