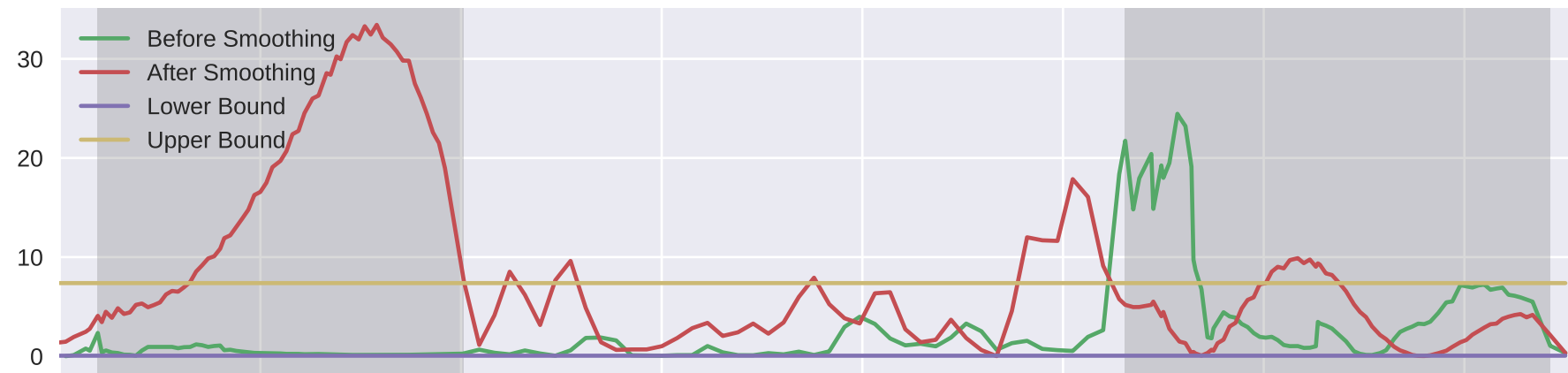XY Position NEES
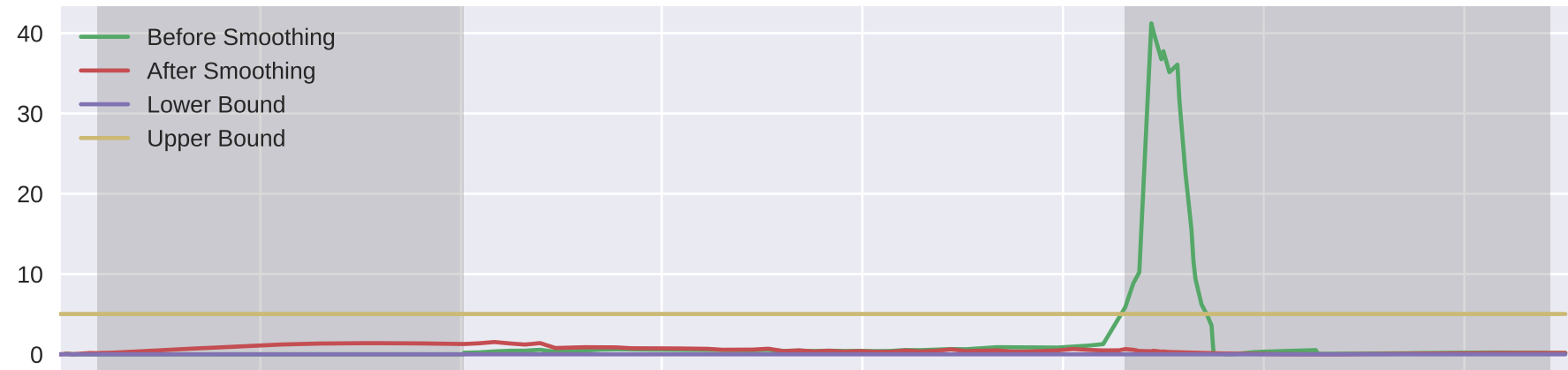Before Smoothing: (90.1 inside 95.0 confidence interval)
After Smoothing: (61.0 inside 95.0 confidence interval)

Heading NEES
Before Smoothing: (90.1 inside 95.0 confidence interval)
After Smoothing: (97.3 inside 95.0 confidence interval)

Total Planar NEES
Before Smoothing: (86.2 inside 95.0 confidence interval)
After Smoothing: (68.1 inside 95.0 confidence interval)