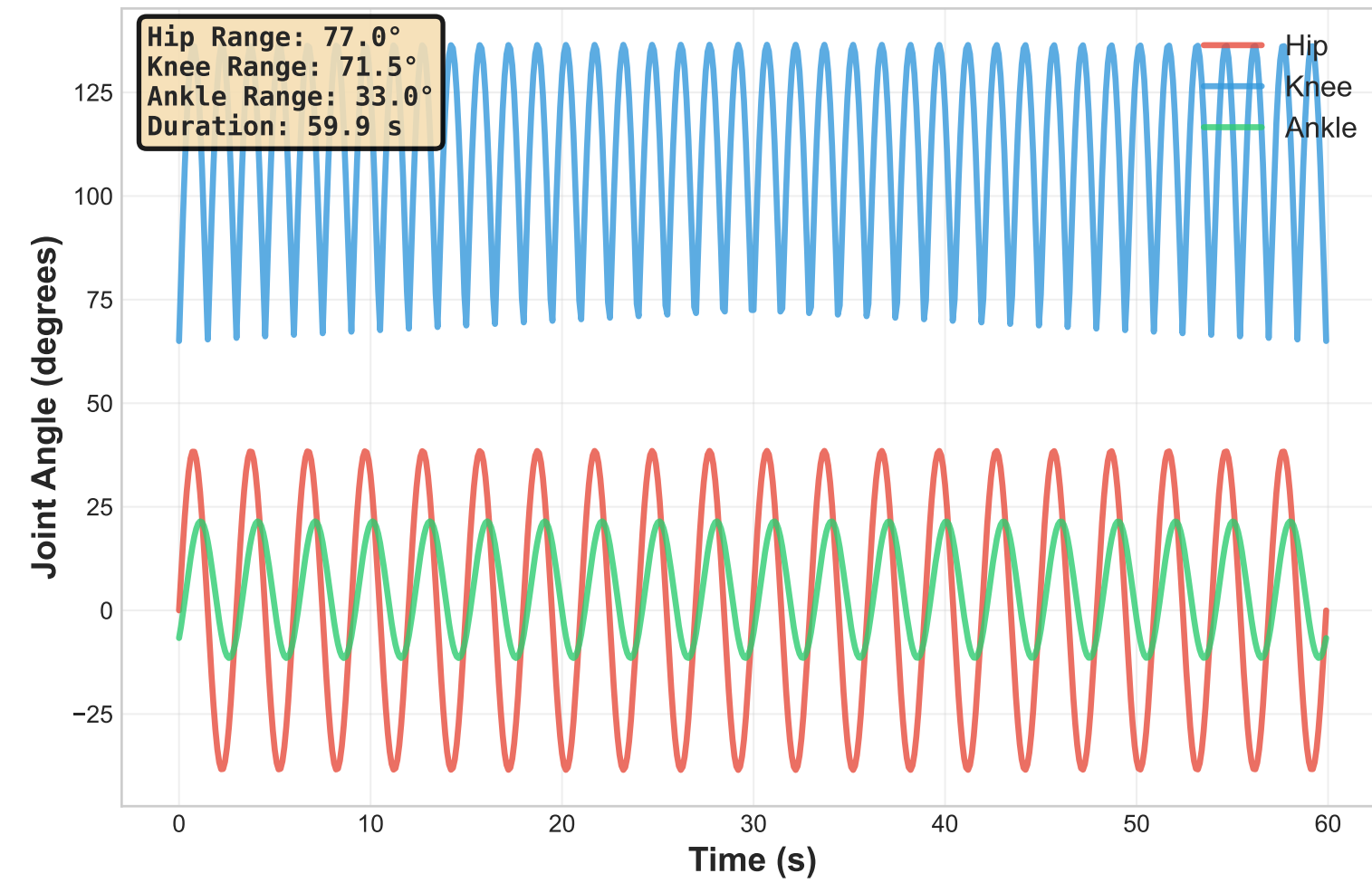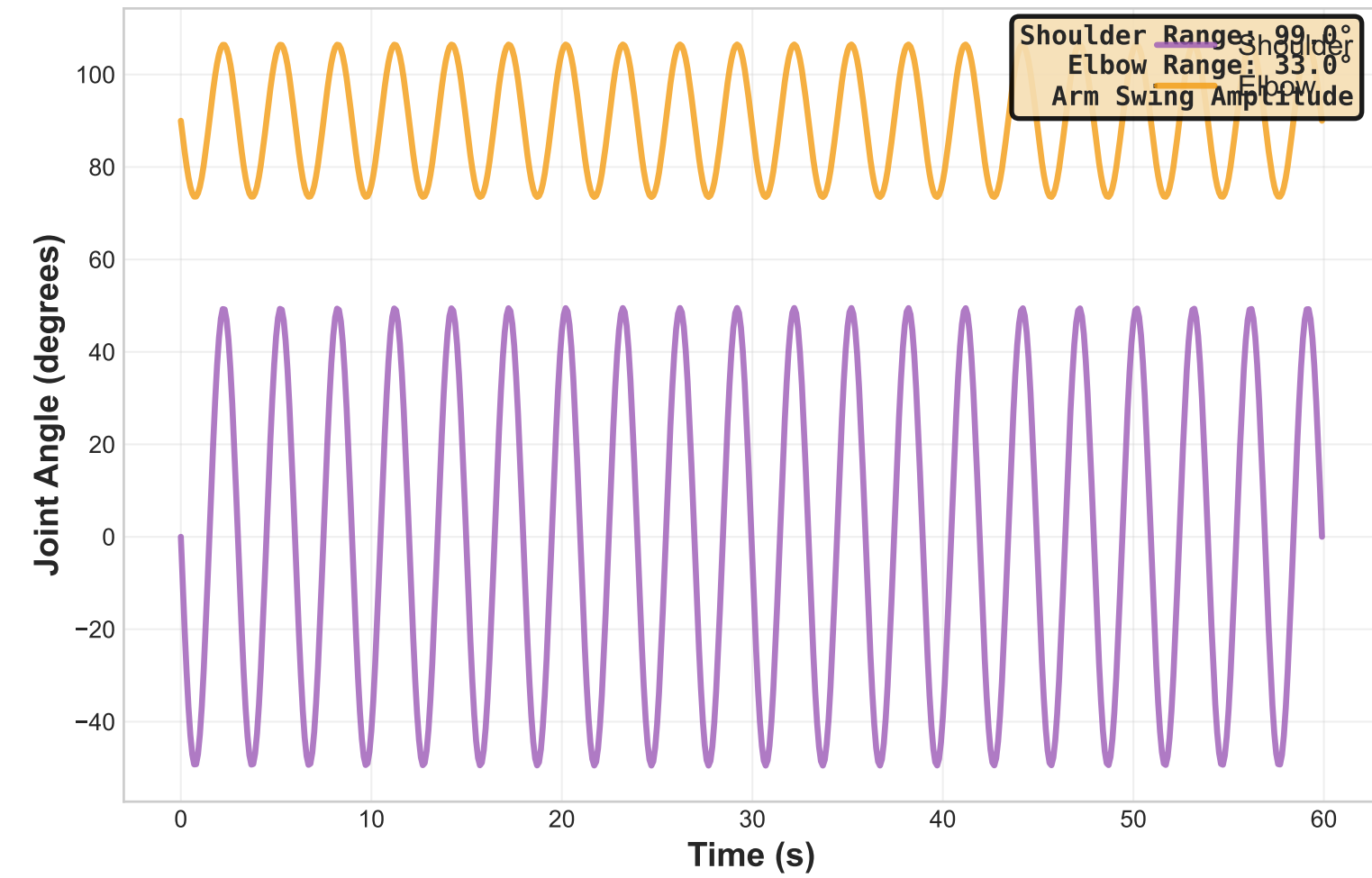# Joint Angle Kinematics During Running
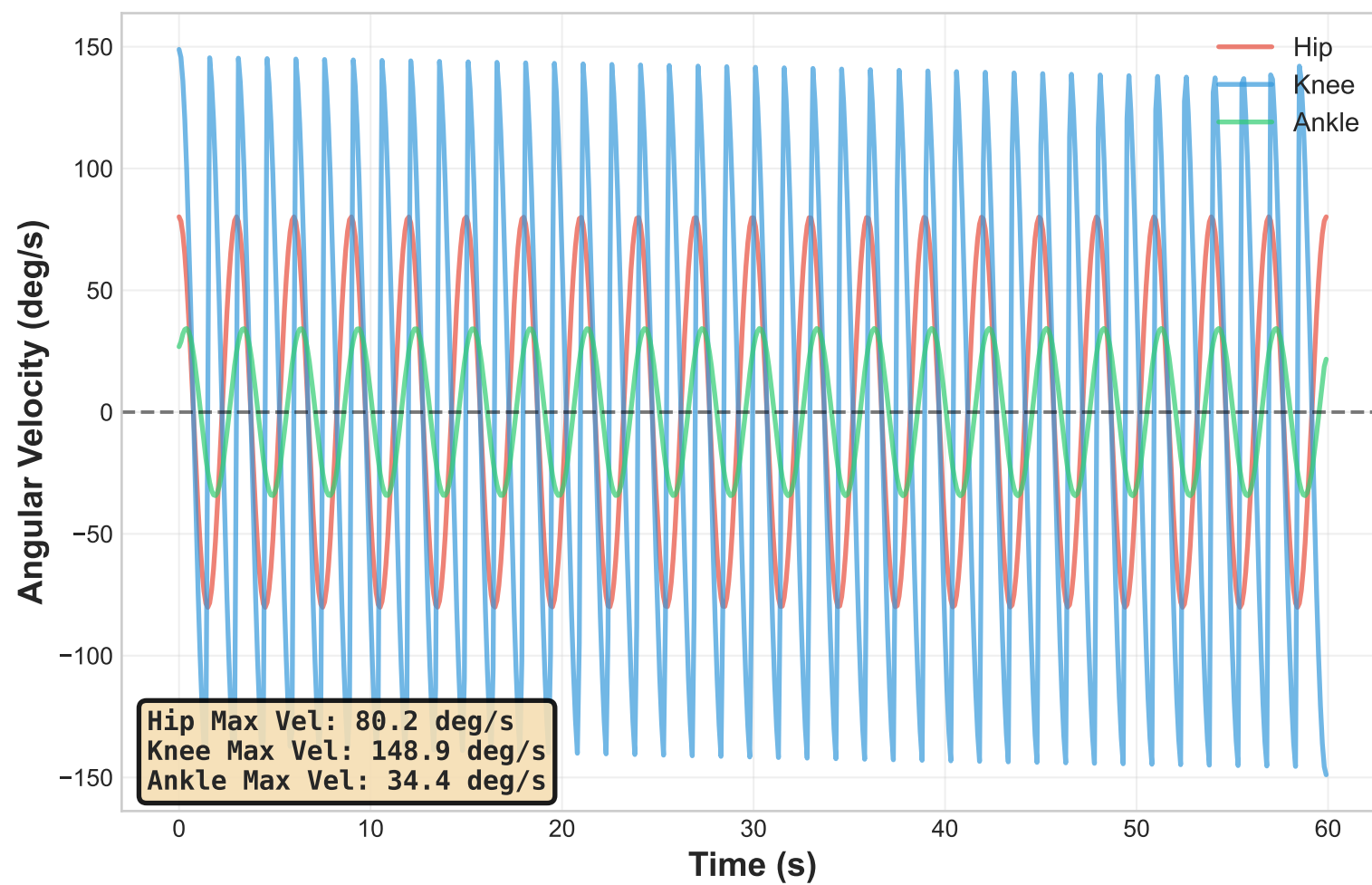

A

Hip Range: 77.0°
Knee Range: 71.5°
Ankle Range: 33.0°
Duration: 59.9 s

— Hip
— Knee
— Ankle

B

Shoulder Range: 99.0°
Elbow Range: 33.0°
Arm Swing Amplitude

— Shoulder
— Elbow

C

— Hip
— Knee
— Ankle

Hip Max Vel: 80.2 deg/s
Knee Max Vel: 148.9 deg/s
Ankle Max Vel: 34.4 deg/s

D

● Start
■ End

Phase space shows
knee joint dynamics
(cyclic pattern)