**Motion Detector Ramp Demo: Predictions & Reality**

**Acceleration**

+

-

**both**

**zero**

**Acceleration**

+

-

**both**

**zero**

0

90

position

time

time

velocity

time

velocity

position

time

0

90

time

velocity

time

velocity

position

time

position

time

0

90

**Acceleration**

+

-

**both**

**zero**

**Acceleration**

+

-

**both**

**zero**

90

0

time

velocity

time

velocity

position

time

position

time

time

velocity

time

velocity

position

time

position

time