

Table 7-10 - Accelerometer Specifications

TYPE	LOCATION	RANGE	ORIENTATION	TEST NUMBER
STATHAM	VEHICLE C.G.	100 G	LONGITUDINAL	ALL
STATHAM	VEHICLE C.G.	100 G	LATERAL	ALL
STATHAM	VEHICLE C.G.	50 G	VERTICAL	ALL
HUMPHREY	VEHICLE C.G.	180 DEG/SEC	ROLL	ALL
HUMPHREY	VEHICLE C.G.	90 DEG/SEC	PITCH	ALL
HUMPHREY	VEHICLE C.G.	180 DEG/SEC	YAW	ALL
ENDEVCO	VEHICLE C.G.	200 G	LONGITUDINAL	ALL
ENDEVCO	VEHICLE C.G.	200 G	LATERAL	ALL
ENDEVCO	VEHICLE C.G.	200 G	VERTICAL	ALL

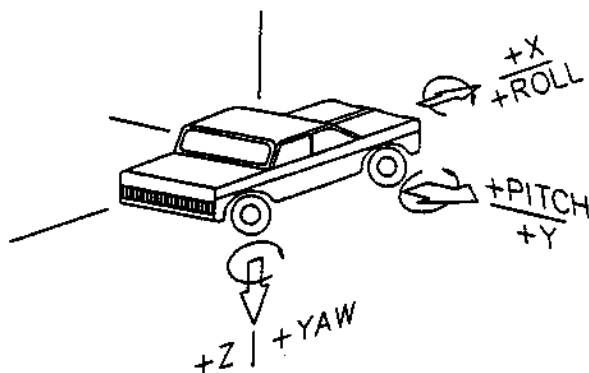


Figure 7-4 - Vehicle Accelerometer Sign Convention

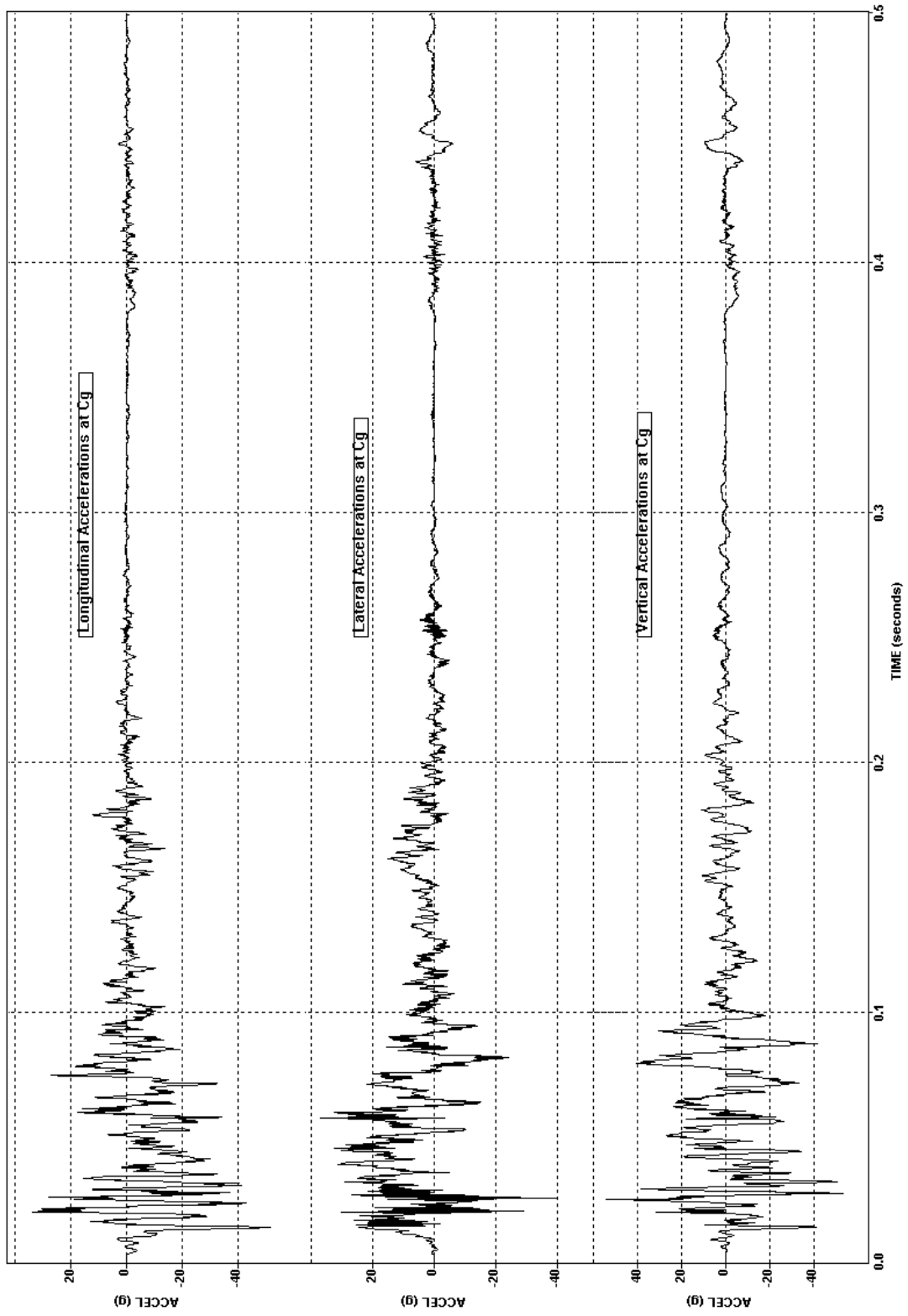


Figure 7-5 - Test 581 Vehicle Accelerations Vs Time

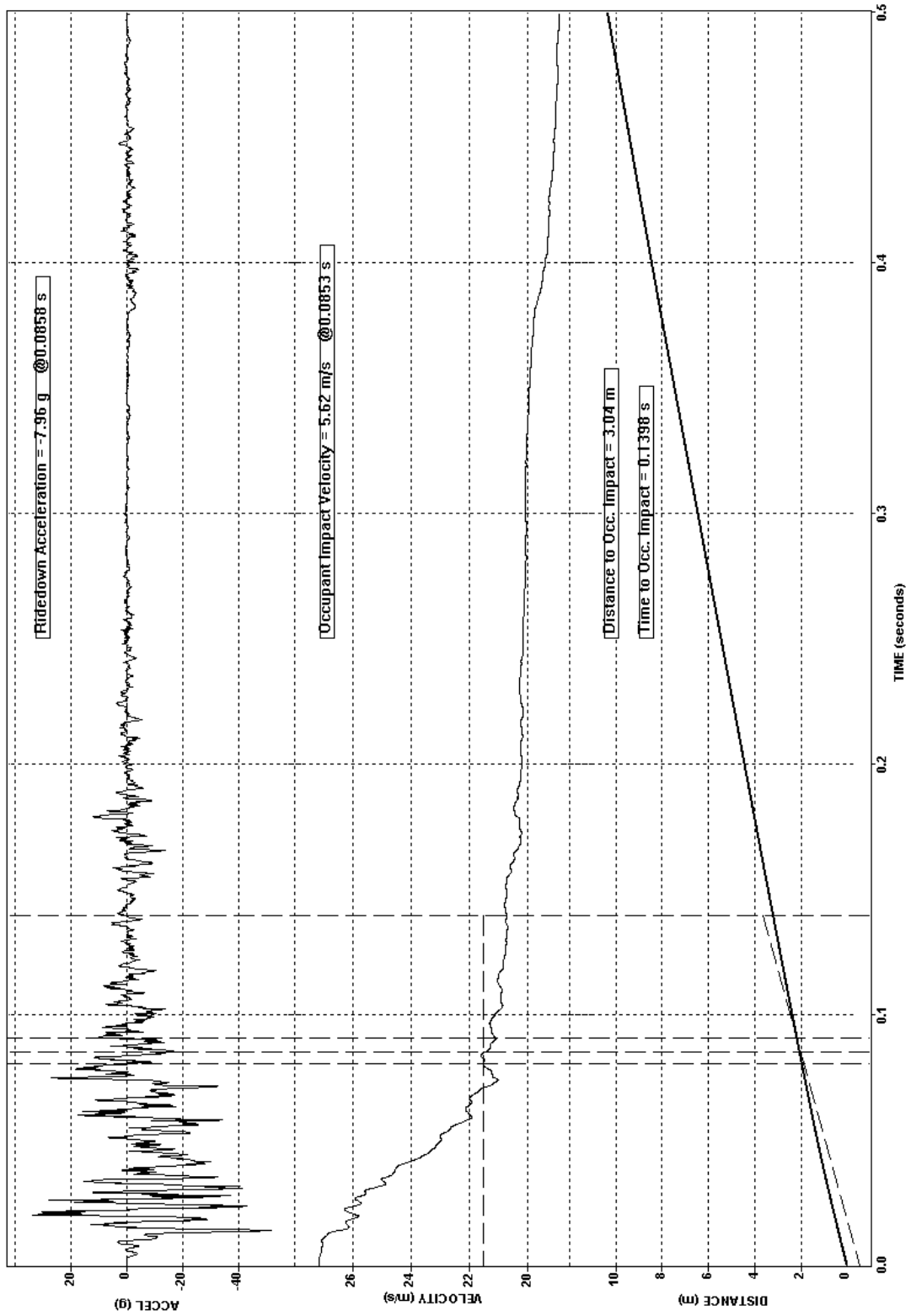


Figure 7-6 - Test 581 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

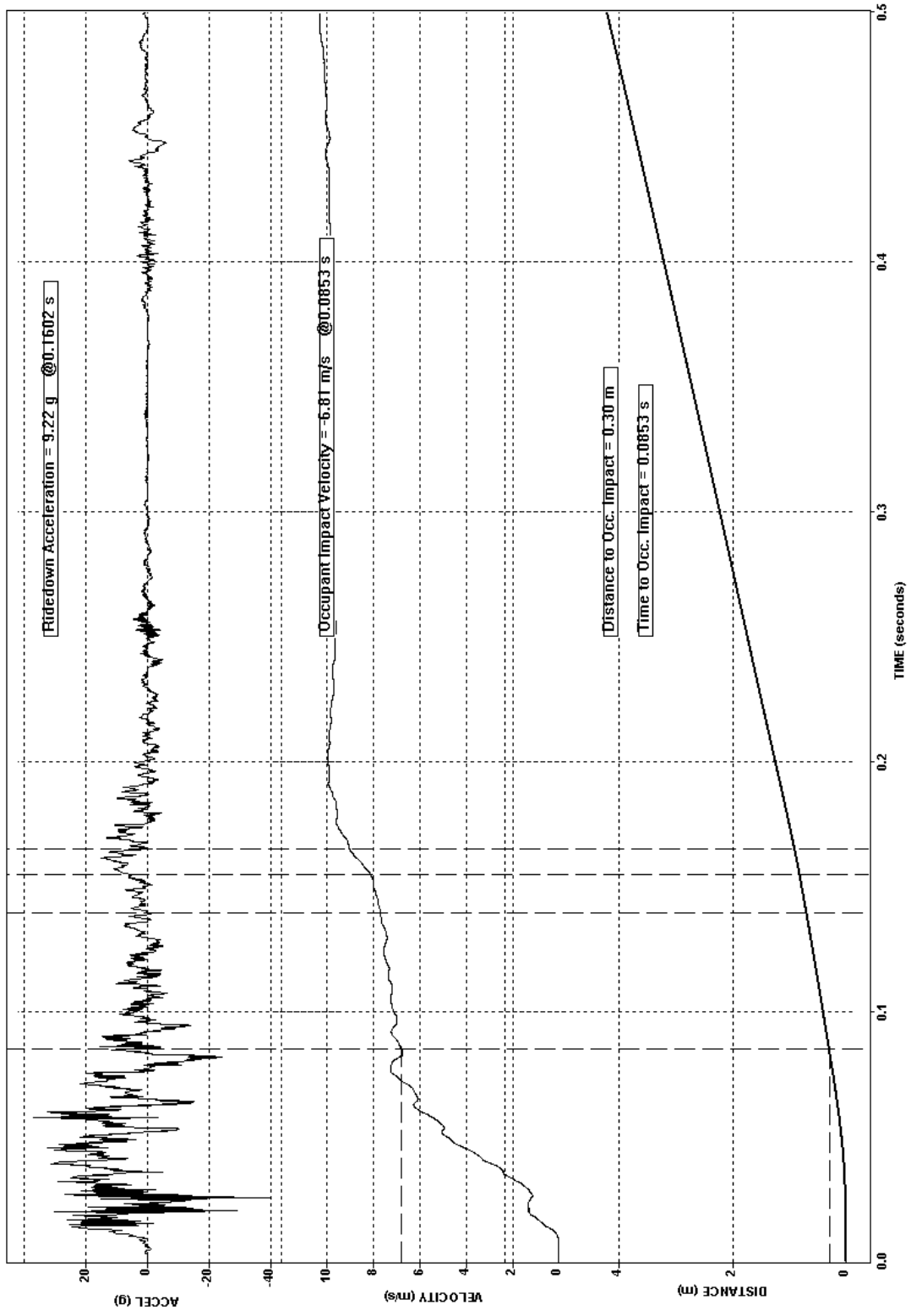


Figure 7-7 - Test 581 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

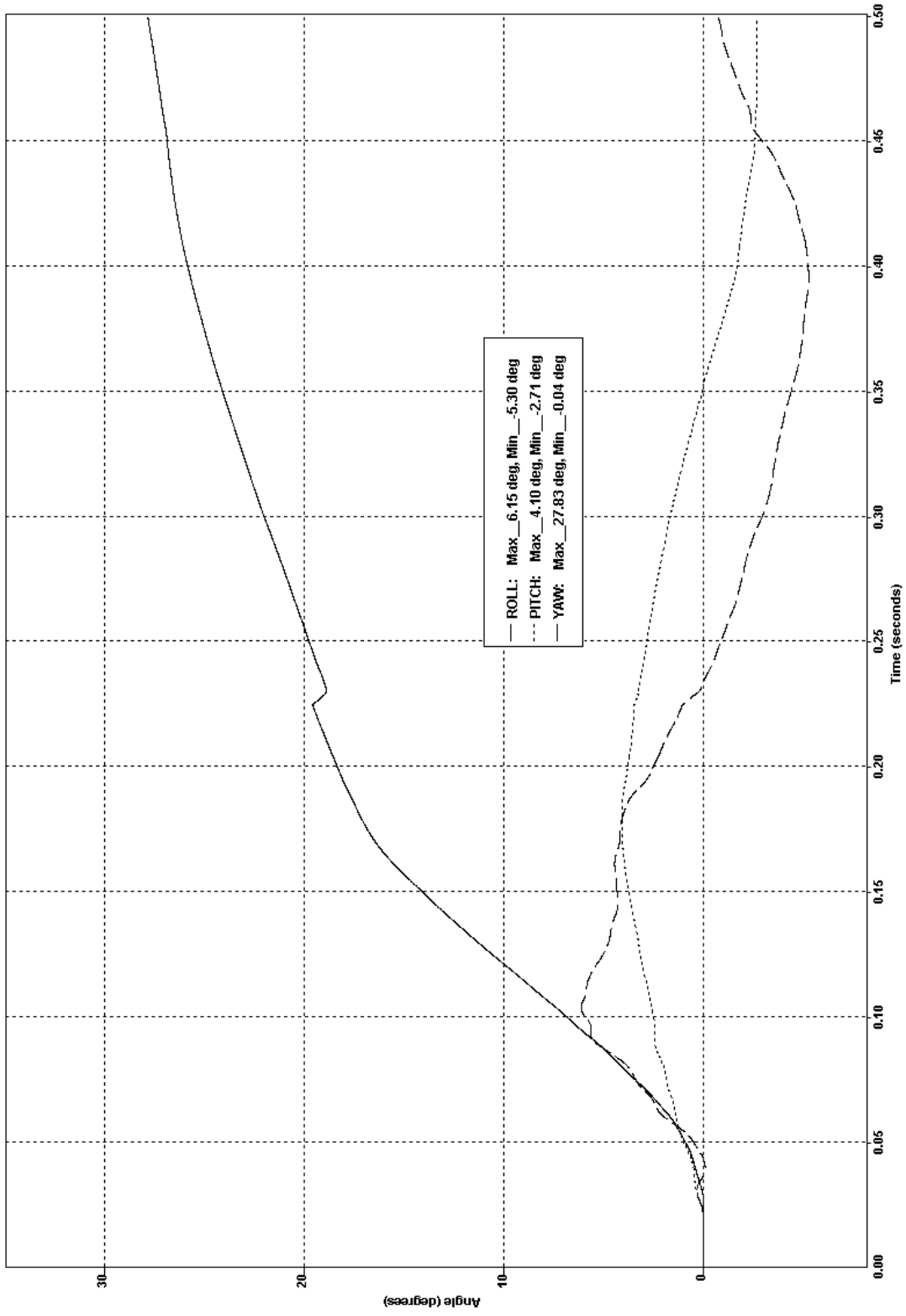


Figure 7-8 - Test 581 Vehicle Roll, Pitch, and Yaw Vs Time

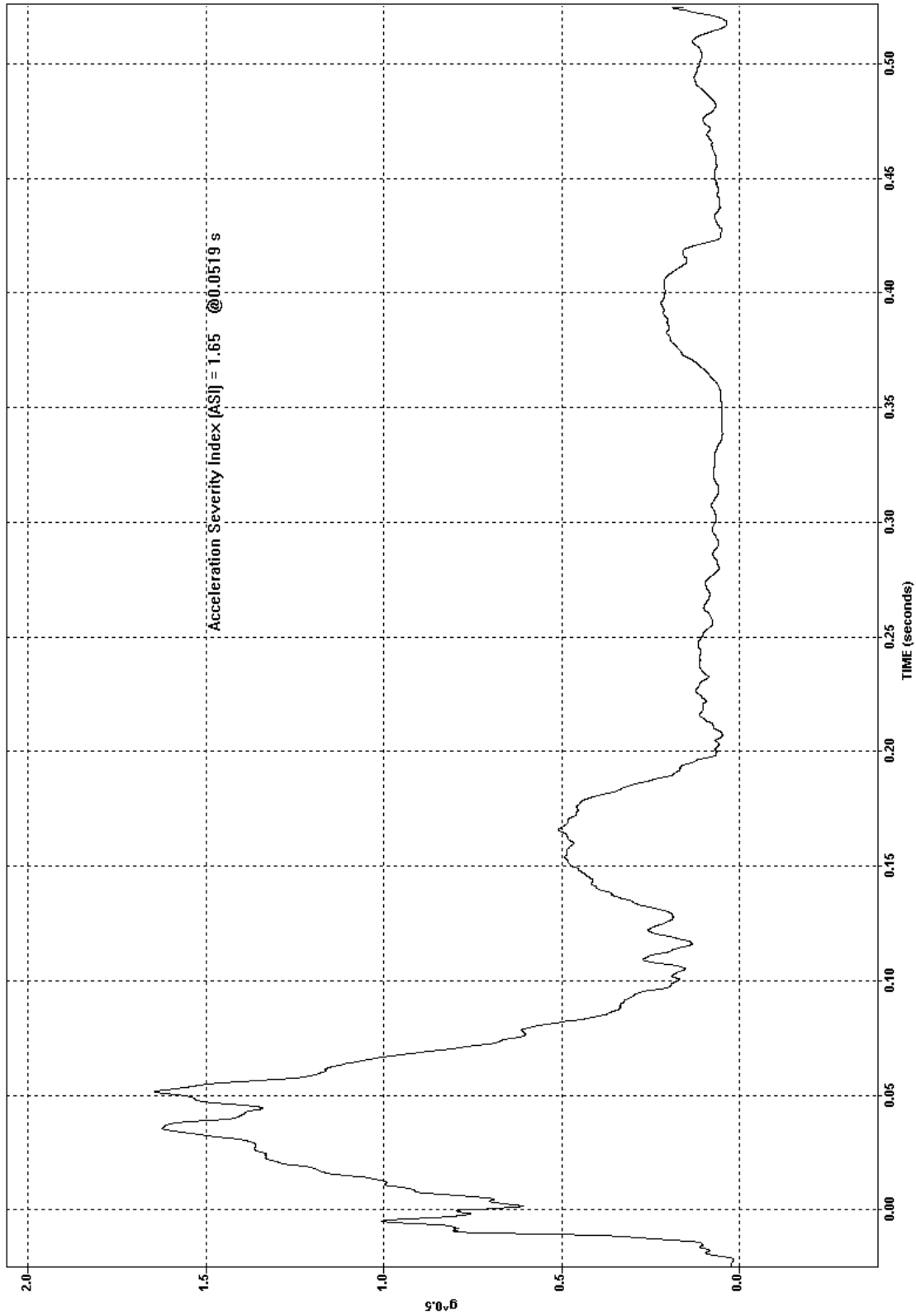


Figure 7-9 - Test 581 Acceleration Severity Index Vs Time

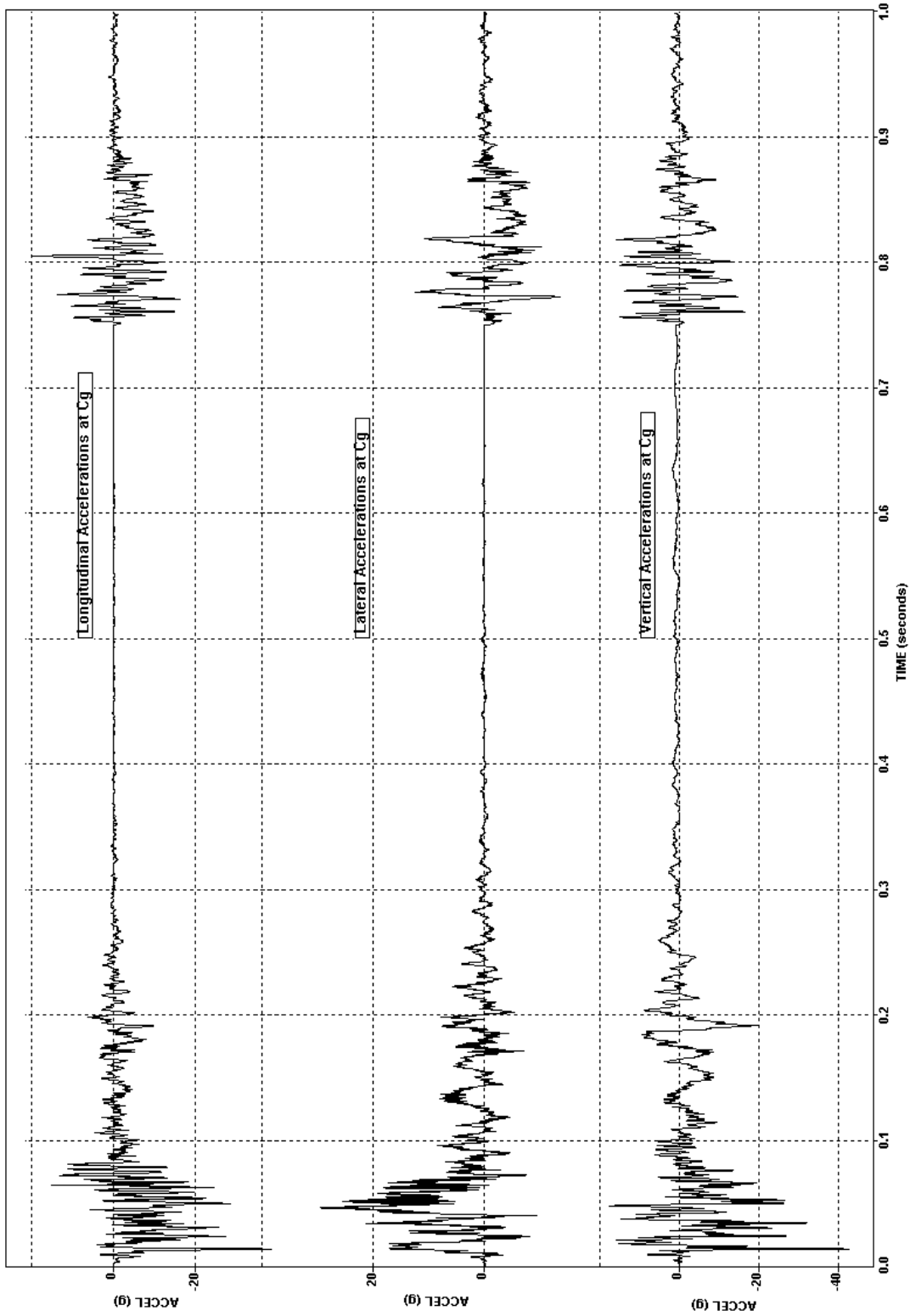


Figure 7-10 - Test 582 Vehicle Accelerations Vs Time

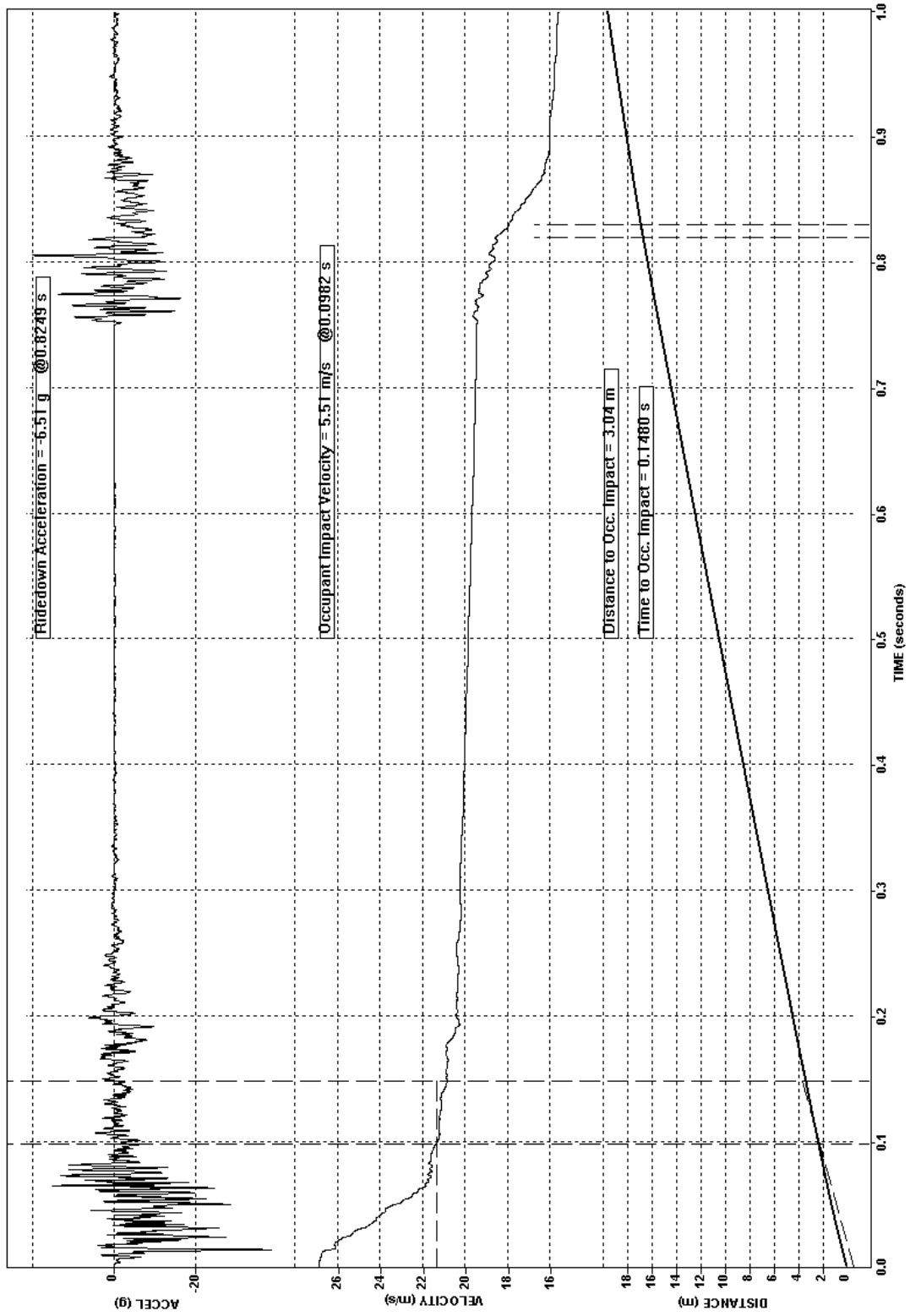


Figure 7-11 - Test 582 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time



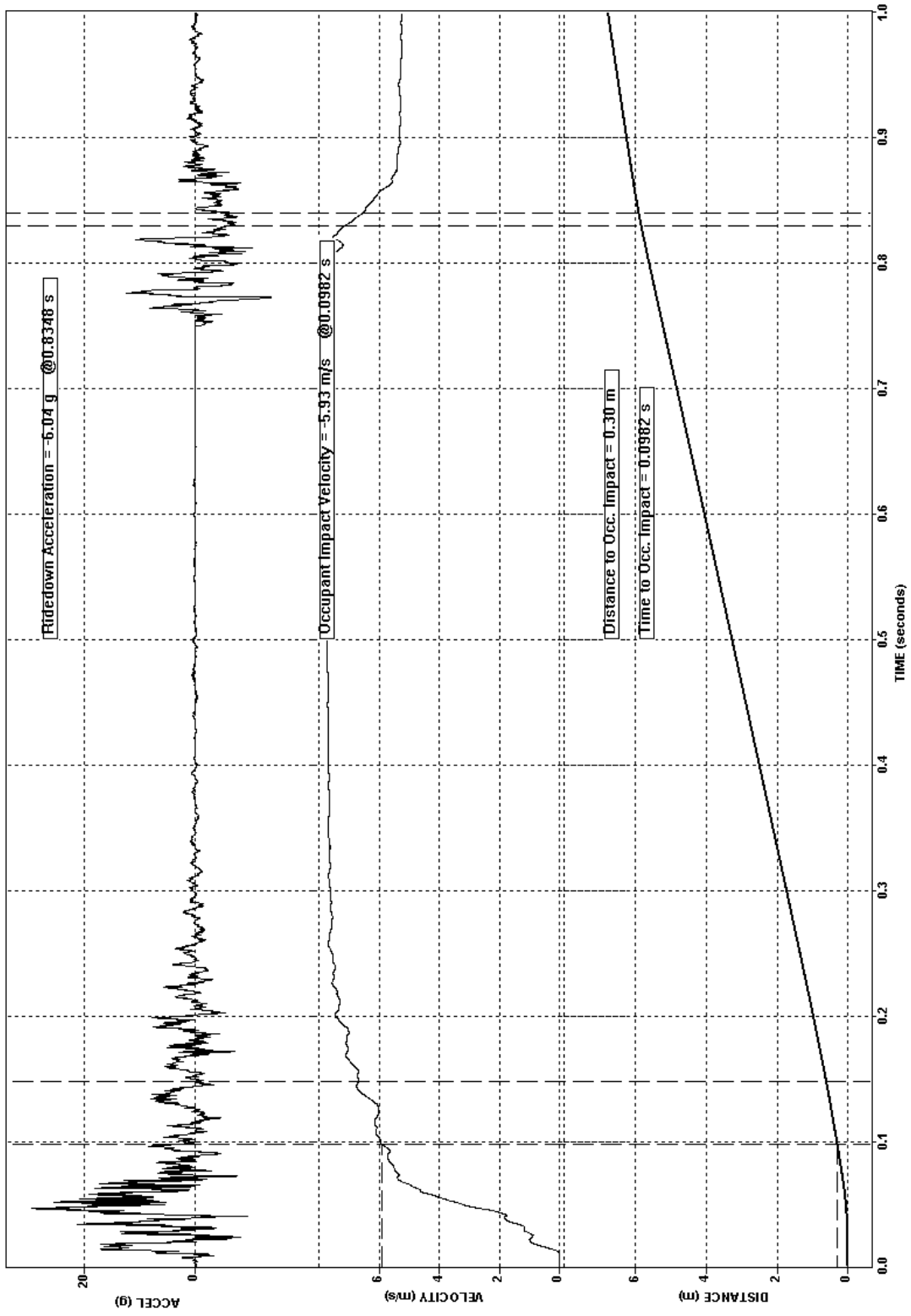


Figure 7-12 - Test 582 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

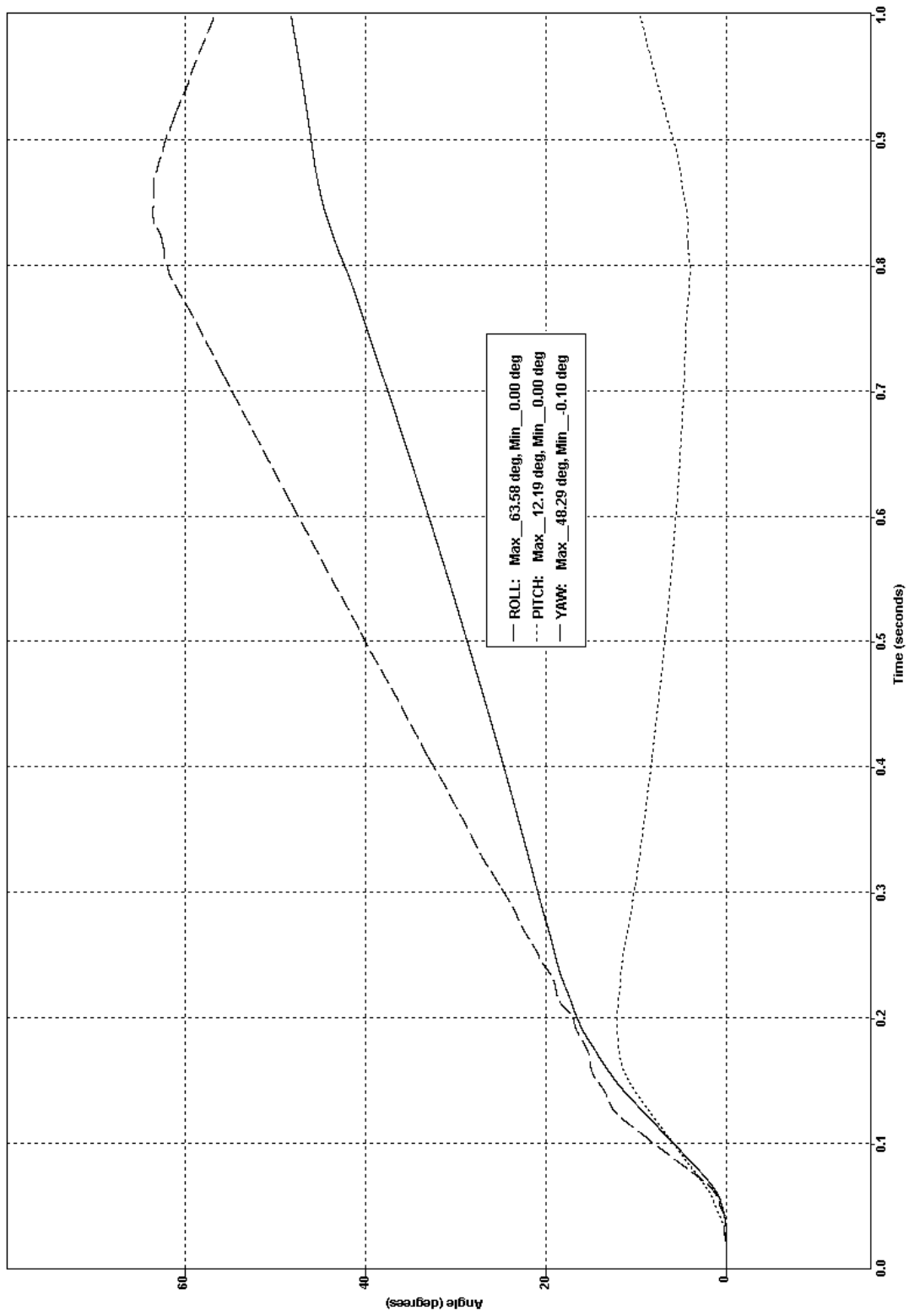


Figure 7-13 - Test 582 Vehicle Roll, Pitch, and Yaw Vs Time

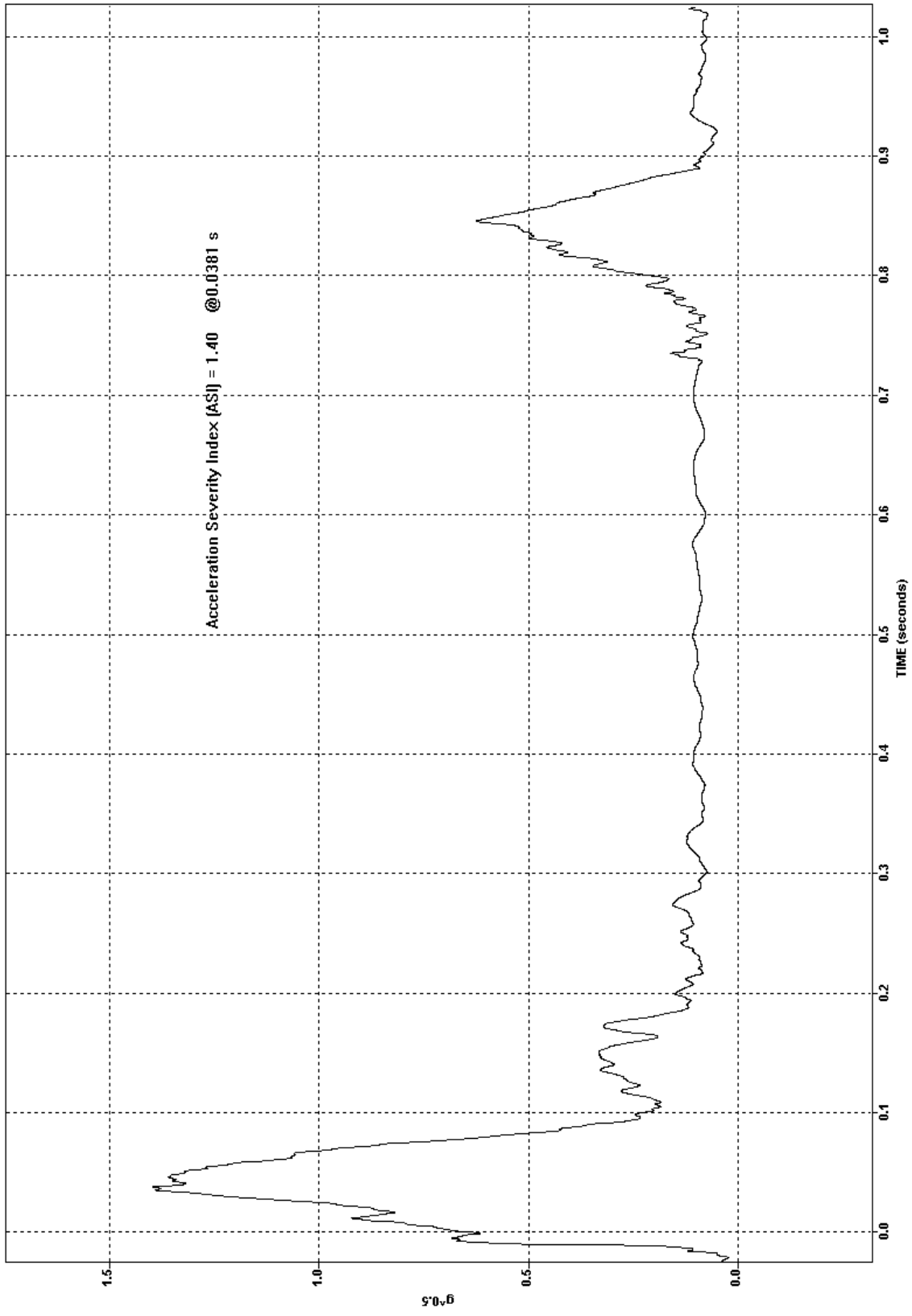


Figure 7-14 - Test 582 Acceleration Severity Index Vs Time

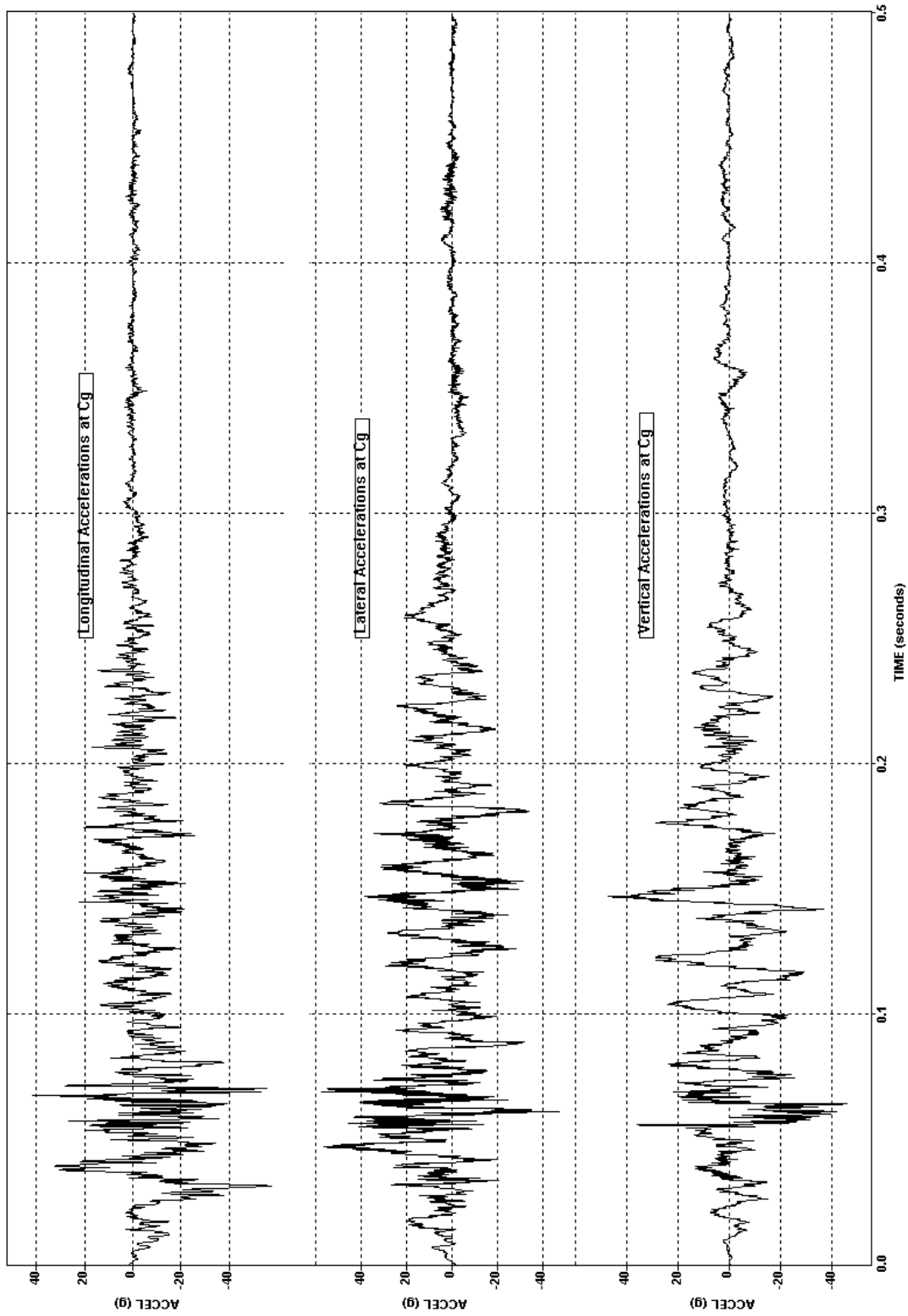


Figure 7-15 - Test 583 Vehicle Accelerations Vs Time

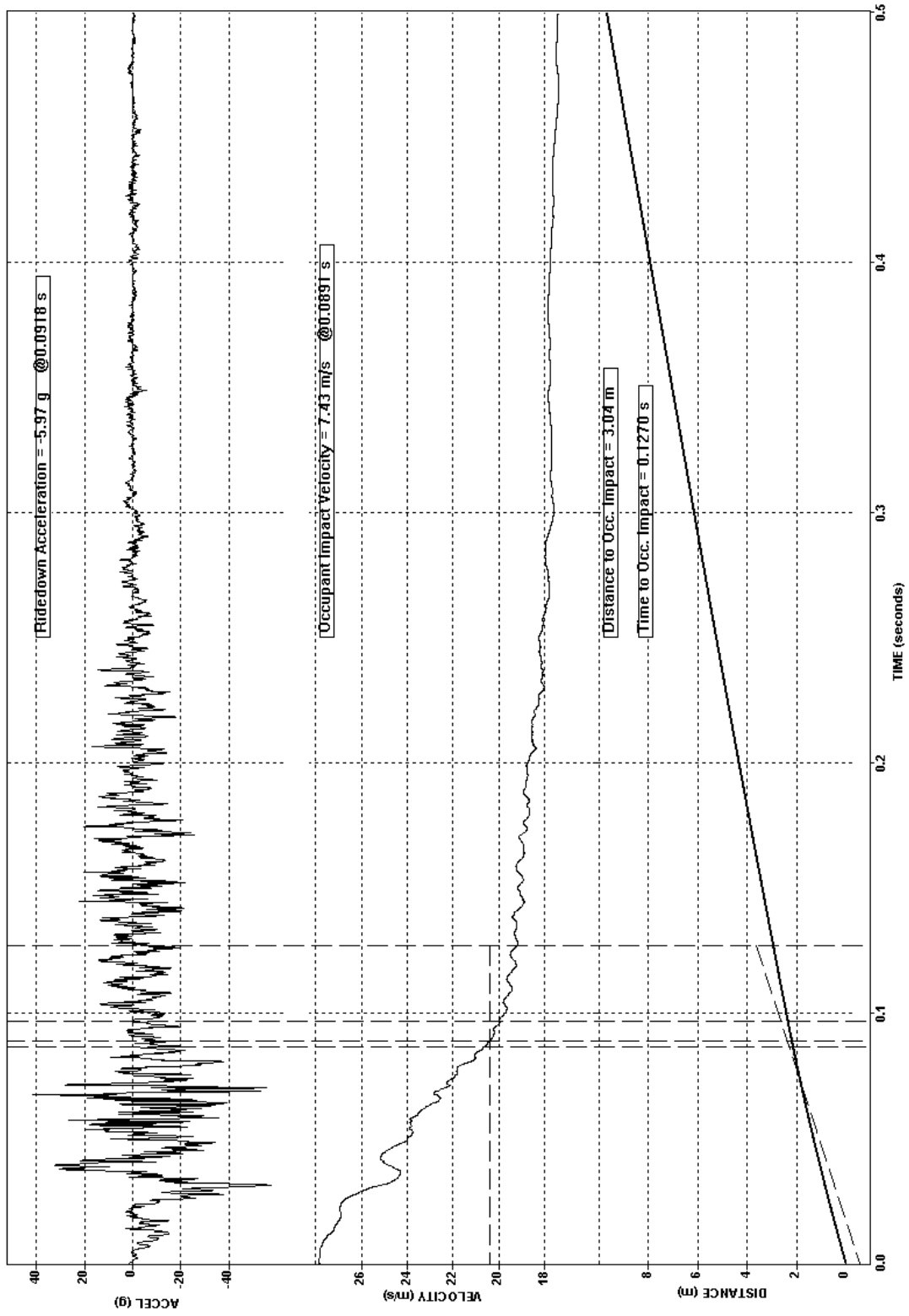


Figure 7-16 - Test 583 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

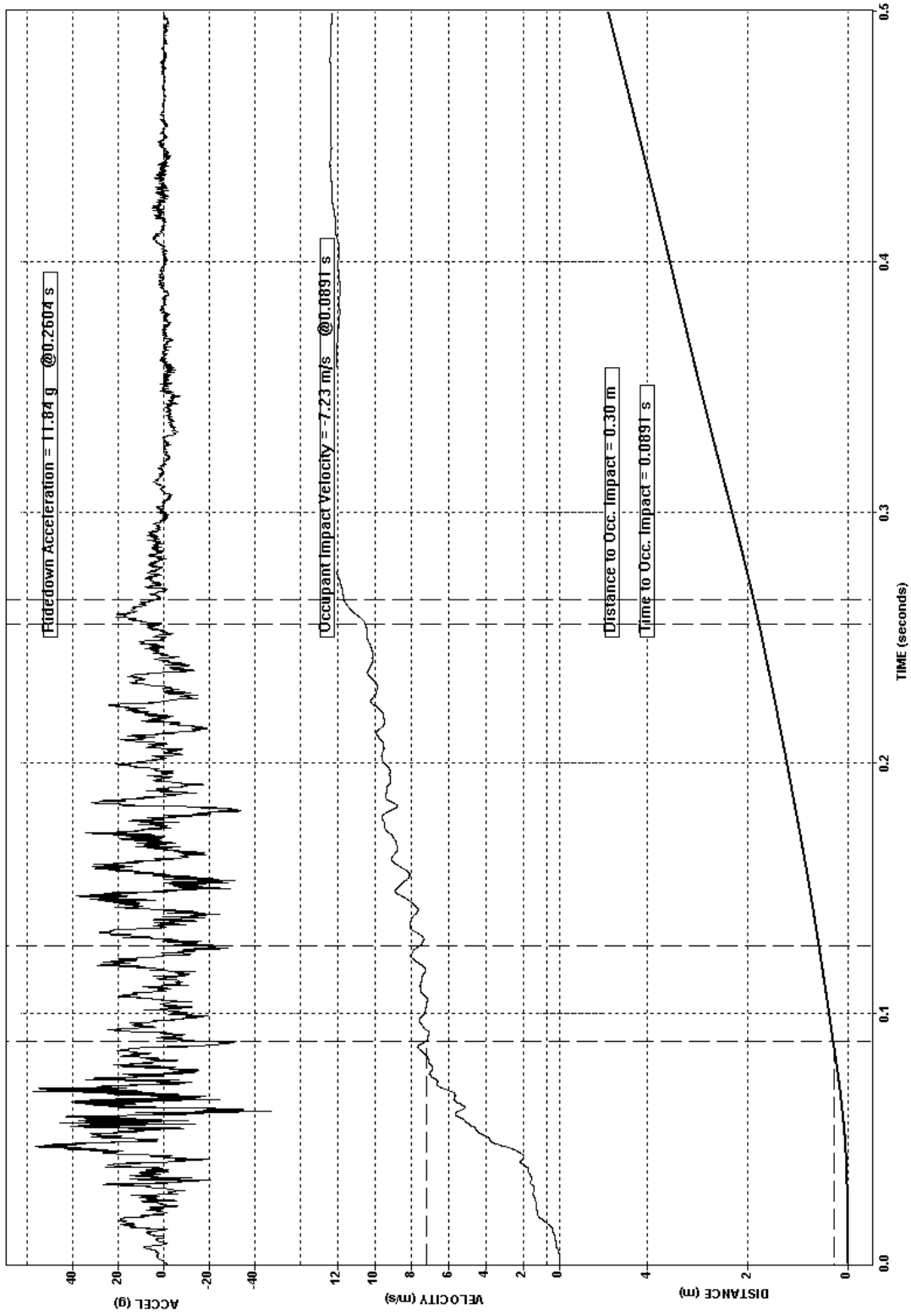


Figure 7-17 - Test 583 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

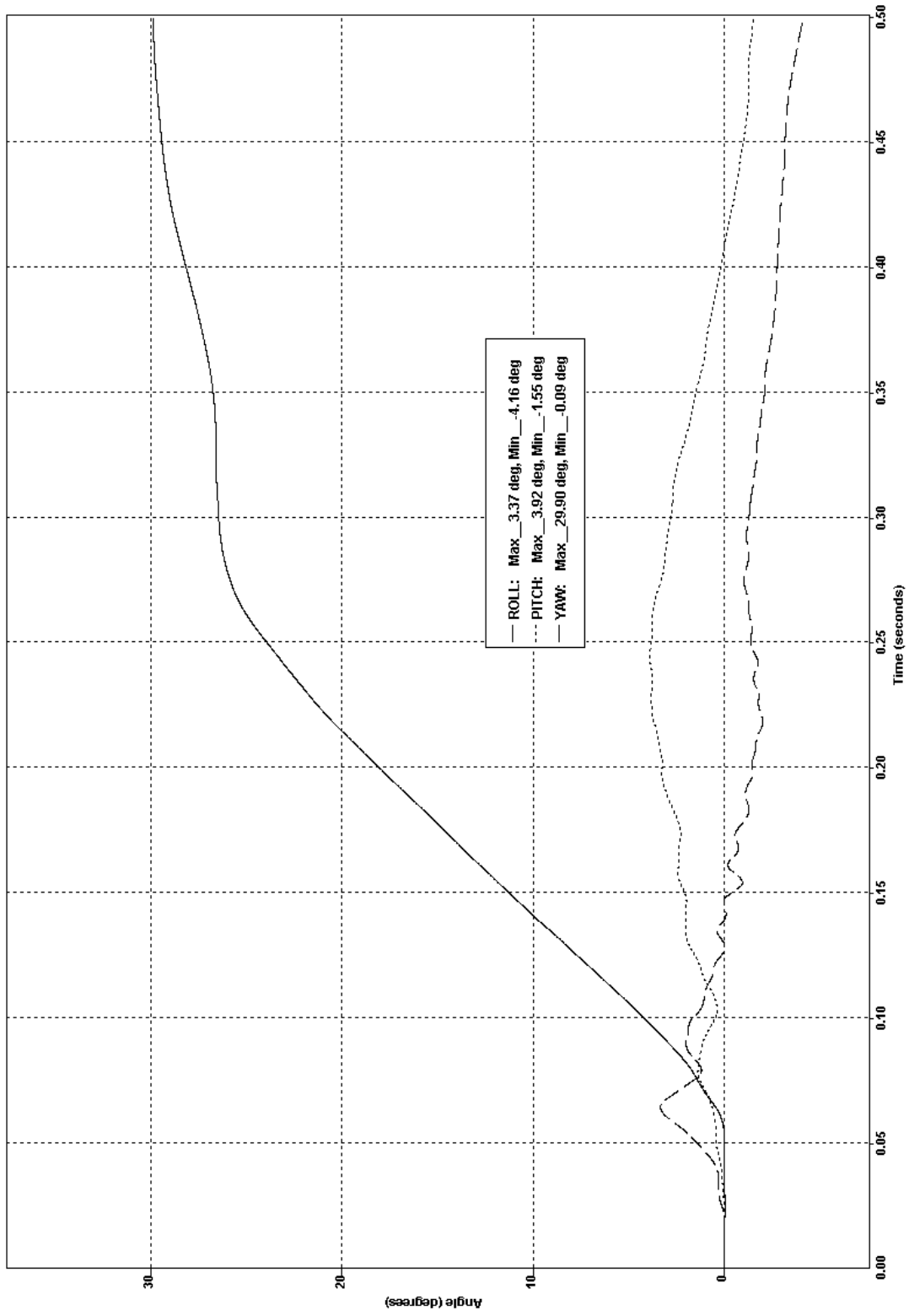


Figure 7-18 - Test 583 Vehicle Roll, Pitch, and Yaw Vs Time

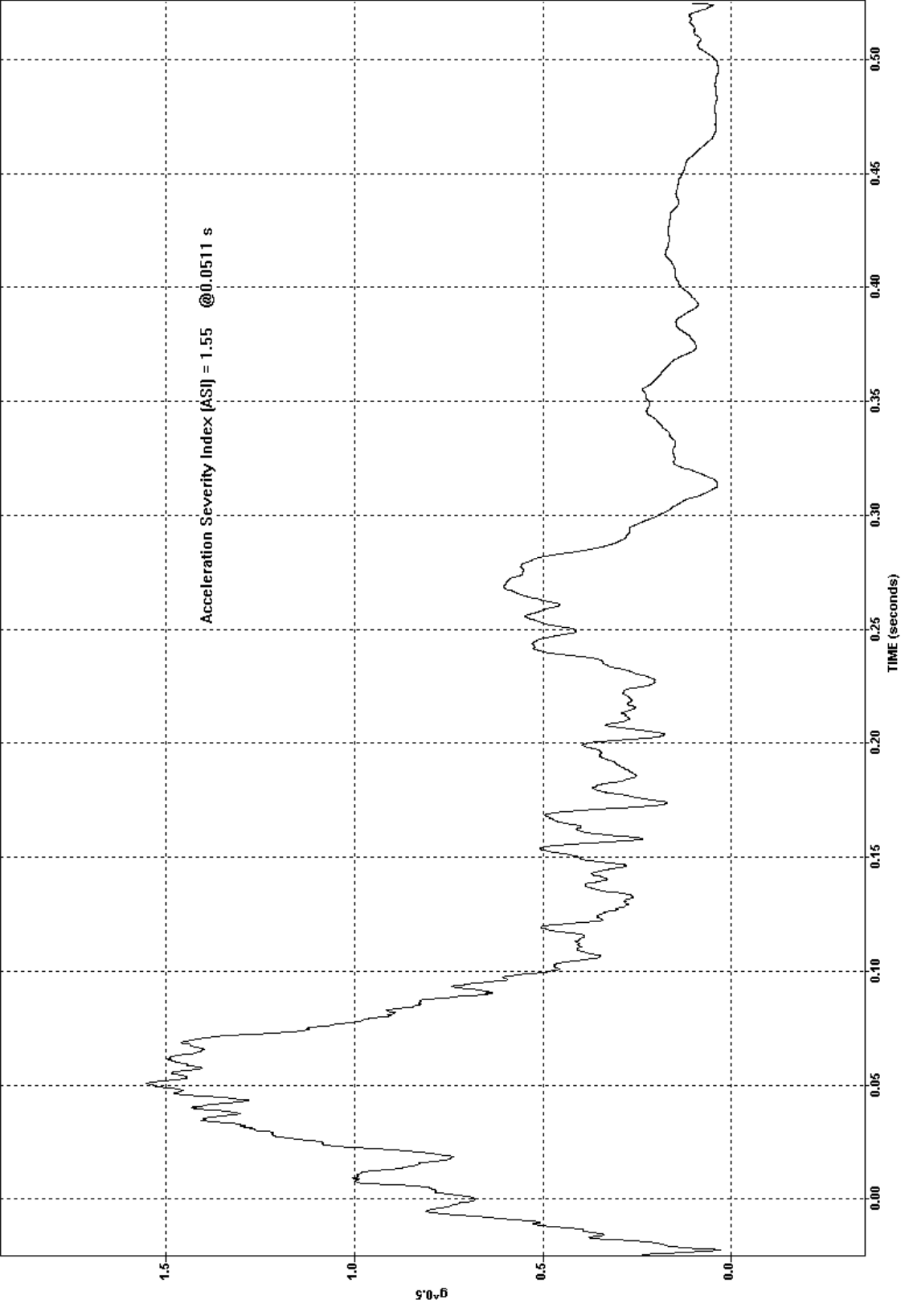


Figure 7-19 - Test 583 Acceleration Severity Index Vs Time



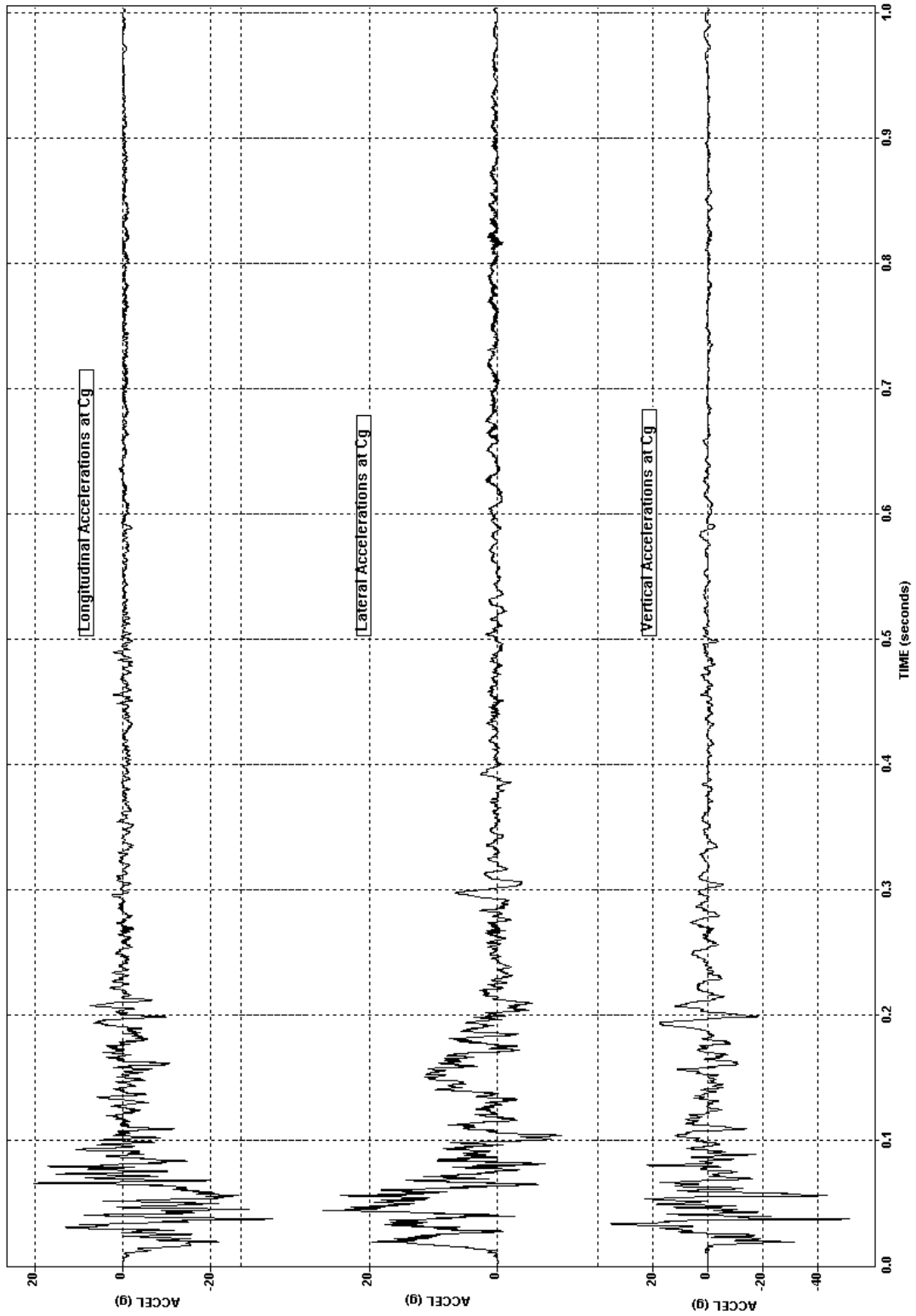


Figure 7-20 - Test 584 Vehicle Accelerations Vs Time

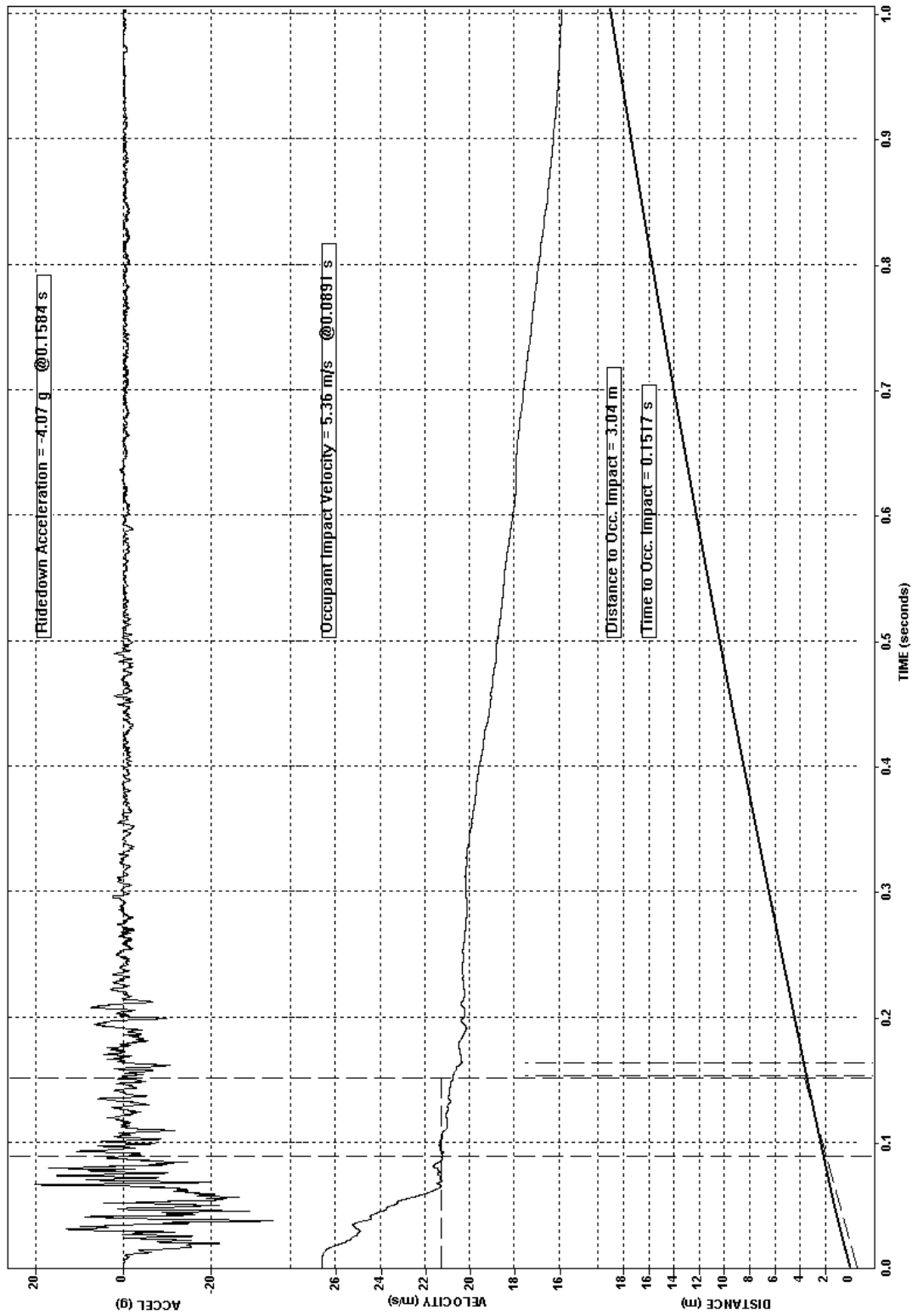


Figure 7-21 - Test 584 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

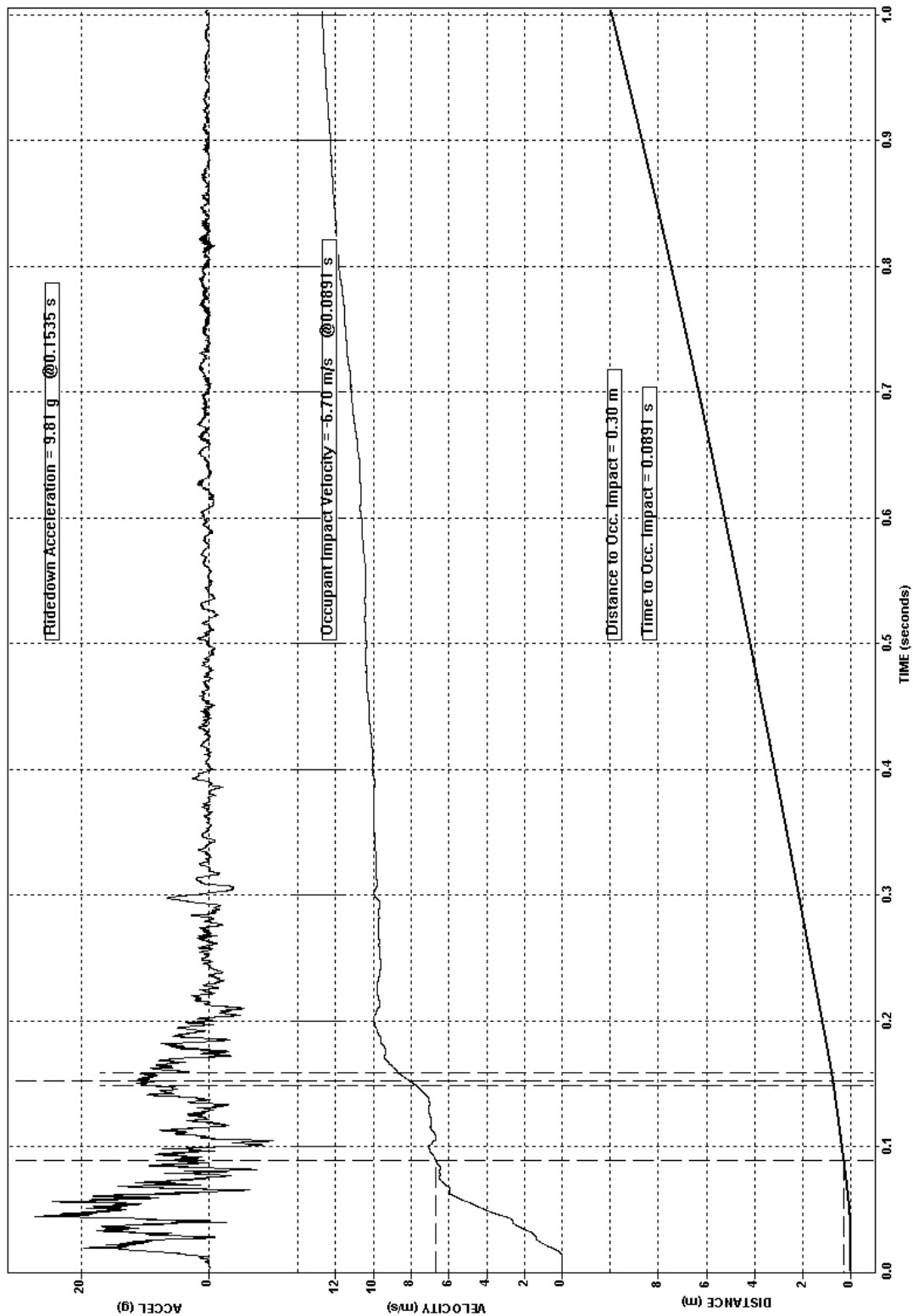


Figure 7-22 - Test 584 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

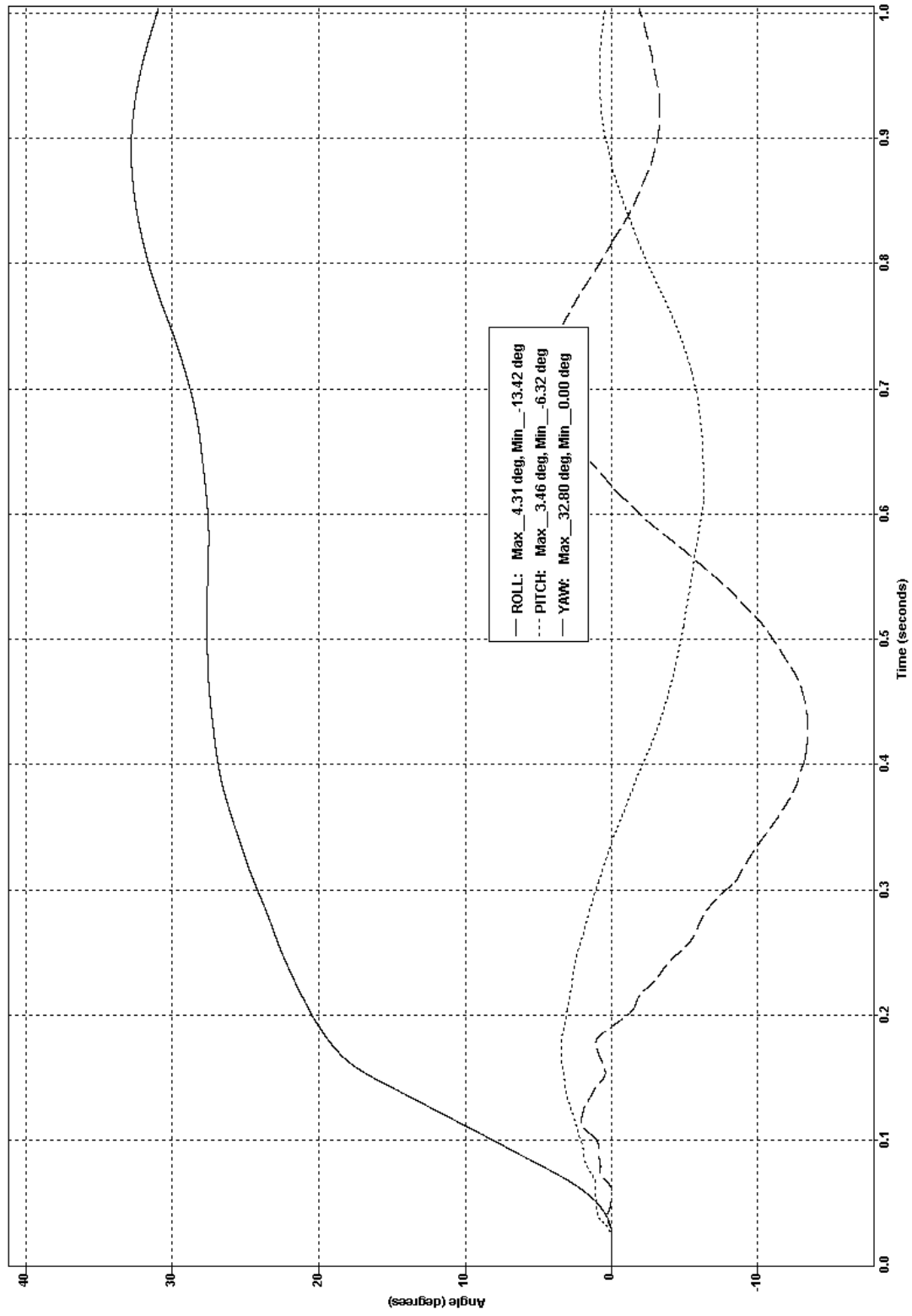


Figure 7-23 - Test 584 Vehicle Roll, Pitch, and Yaw Vs Time

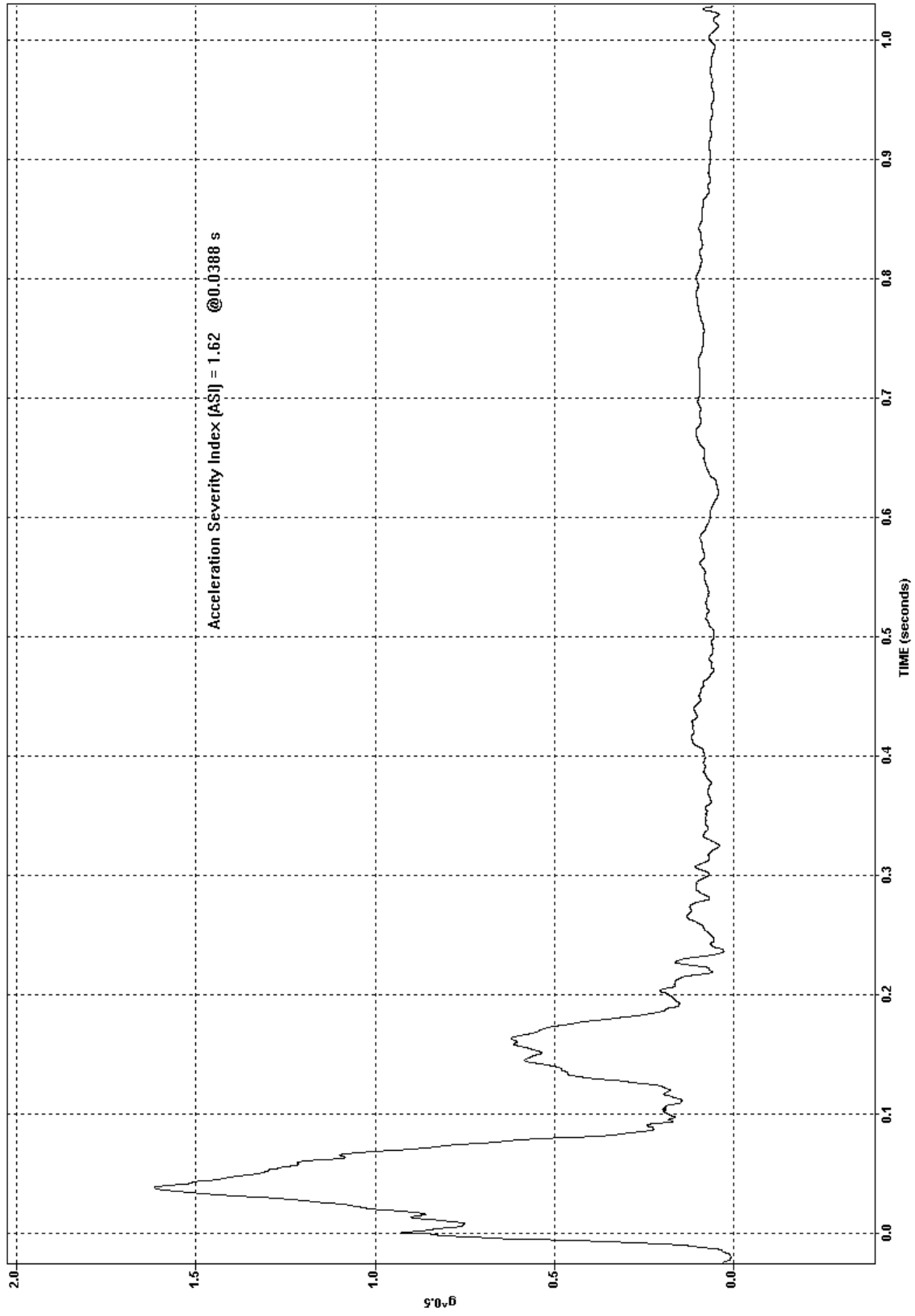


Figure 7-24 - Test 584 Acceleration Severity Index Vs Time

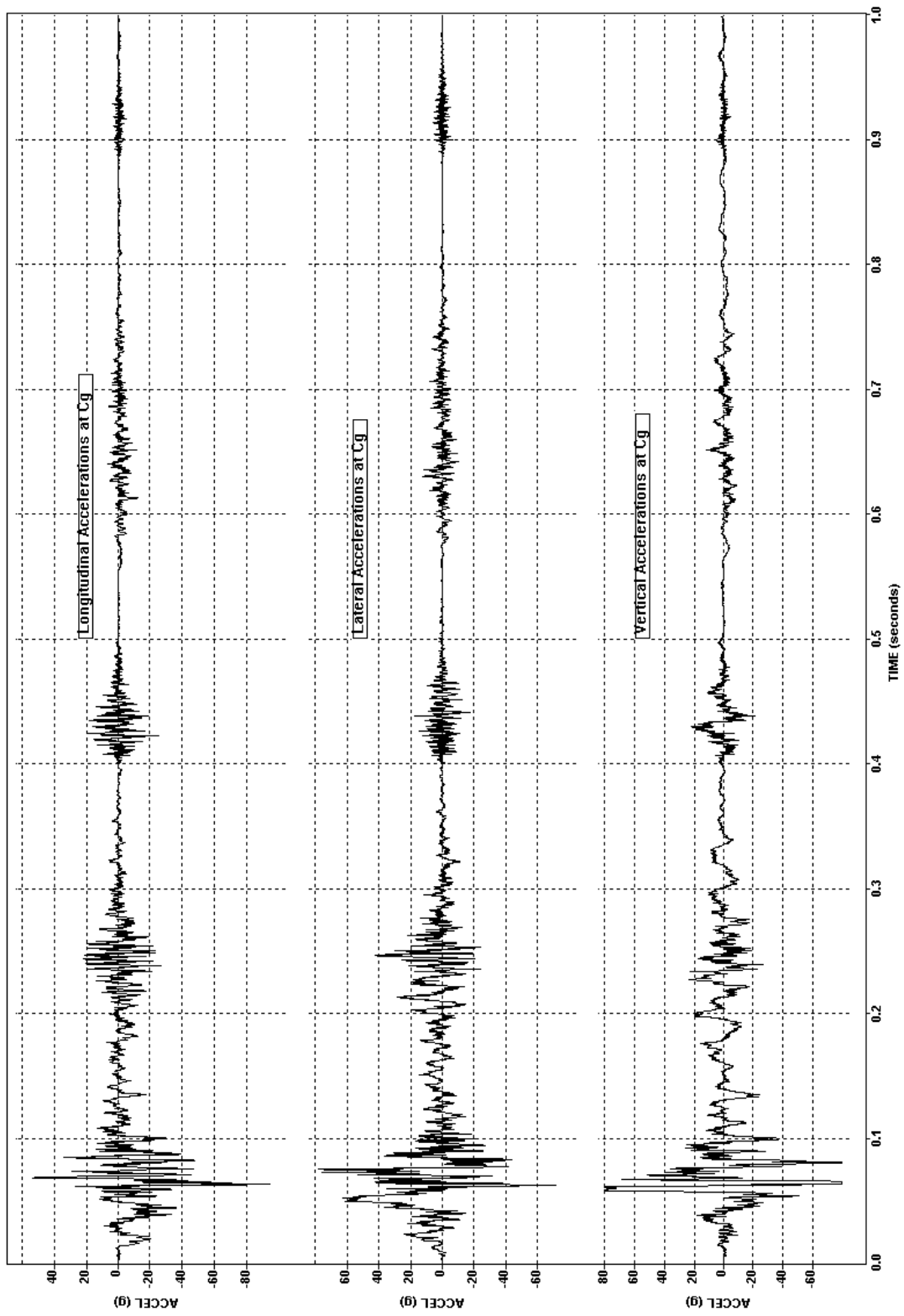


Figure 7-25 - Test 585 Vehicle Accelerations Vs Time

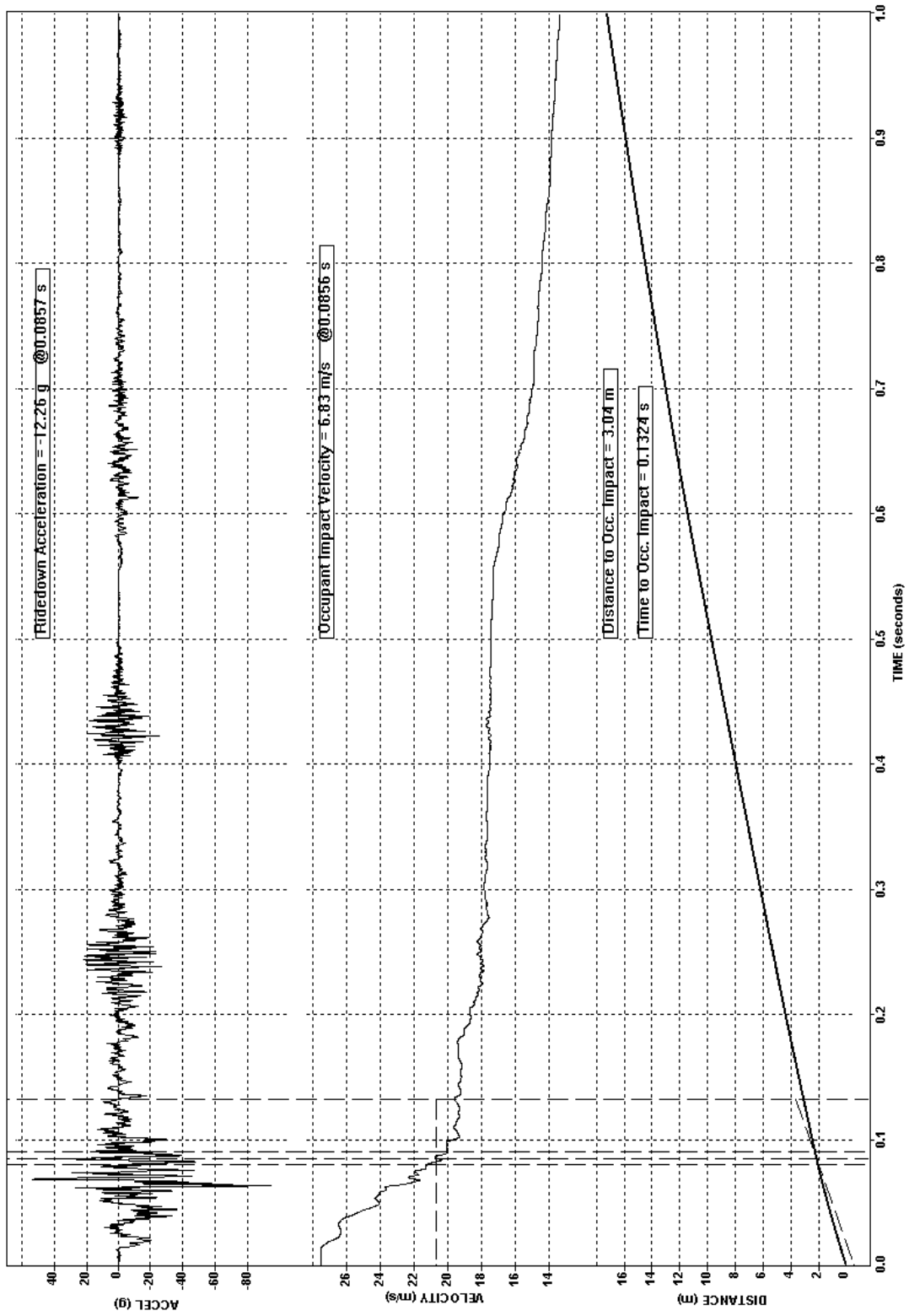


Figure 7-26 - Test 585 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

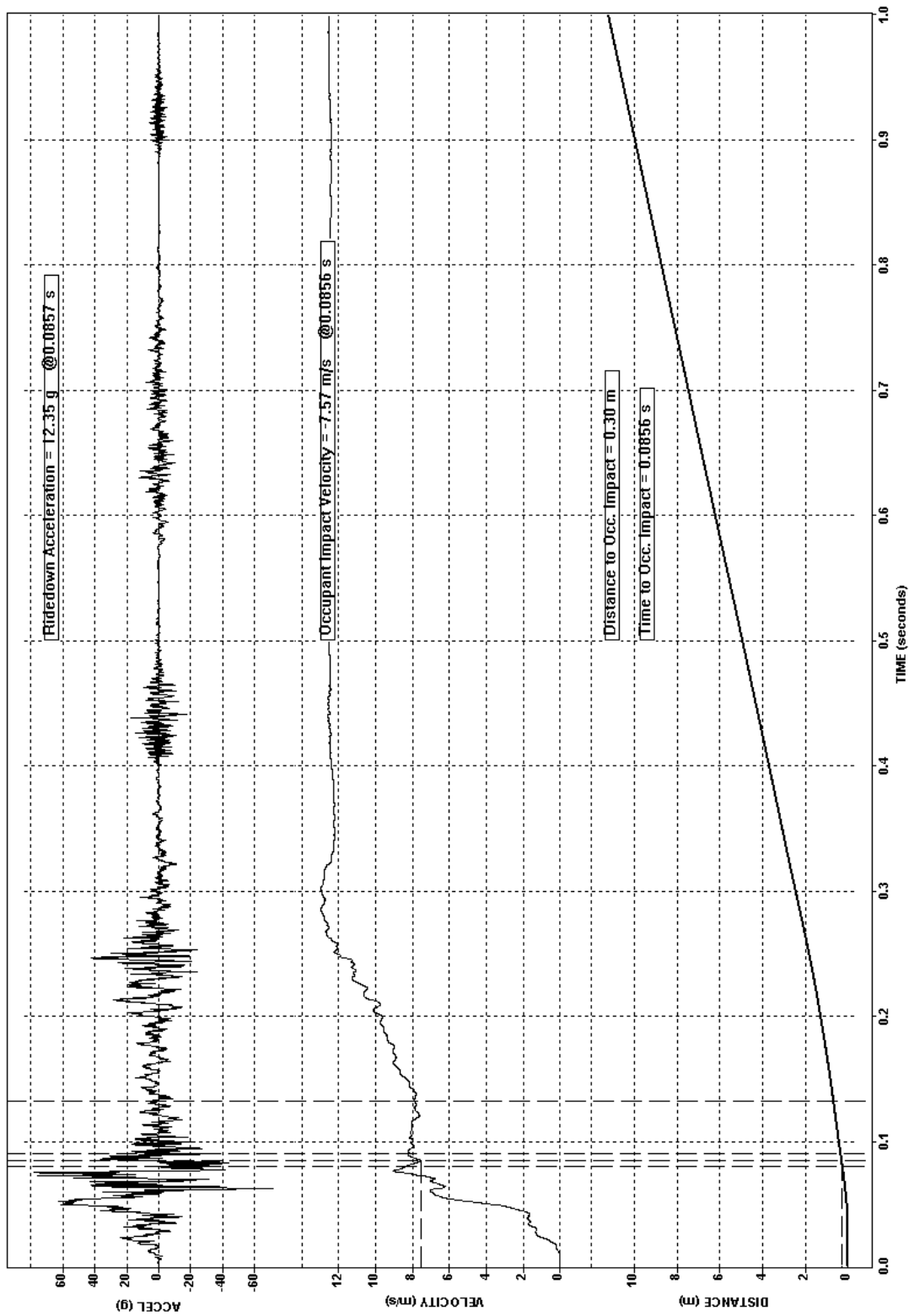


Figure 7-27 - Test 585 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time



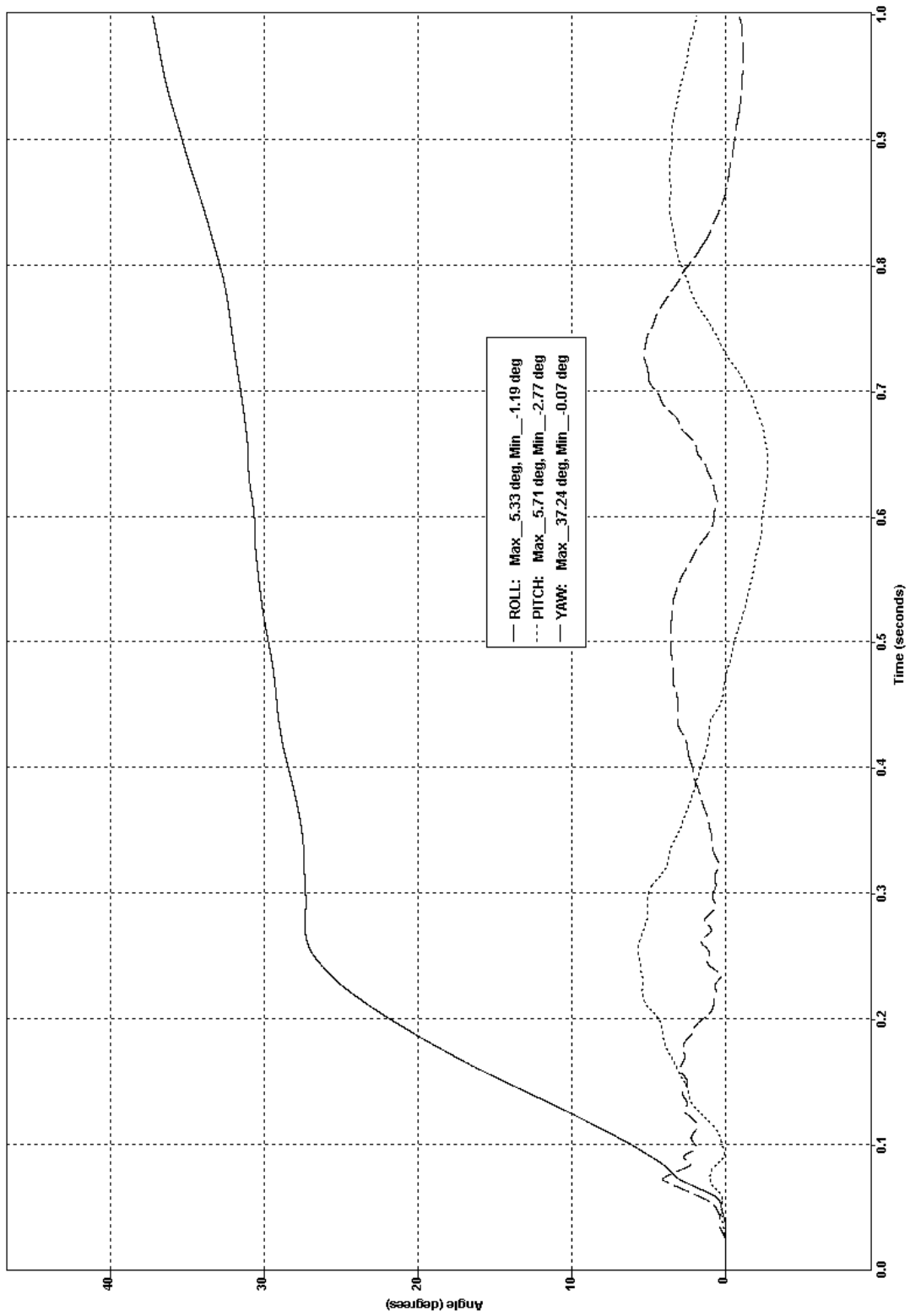


Figure 7-28 - Test 585 Vehicle Roll, Pitch, and Yaw Vs Time

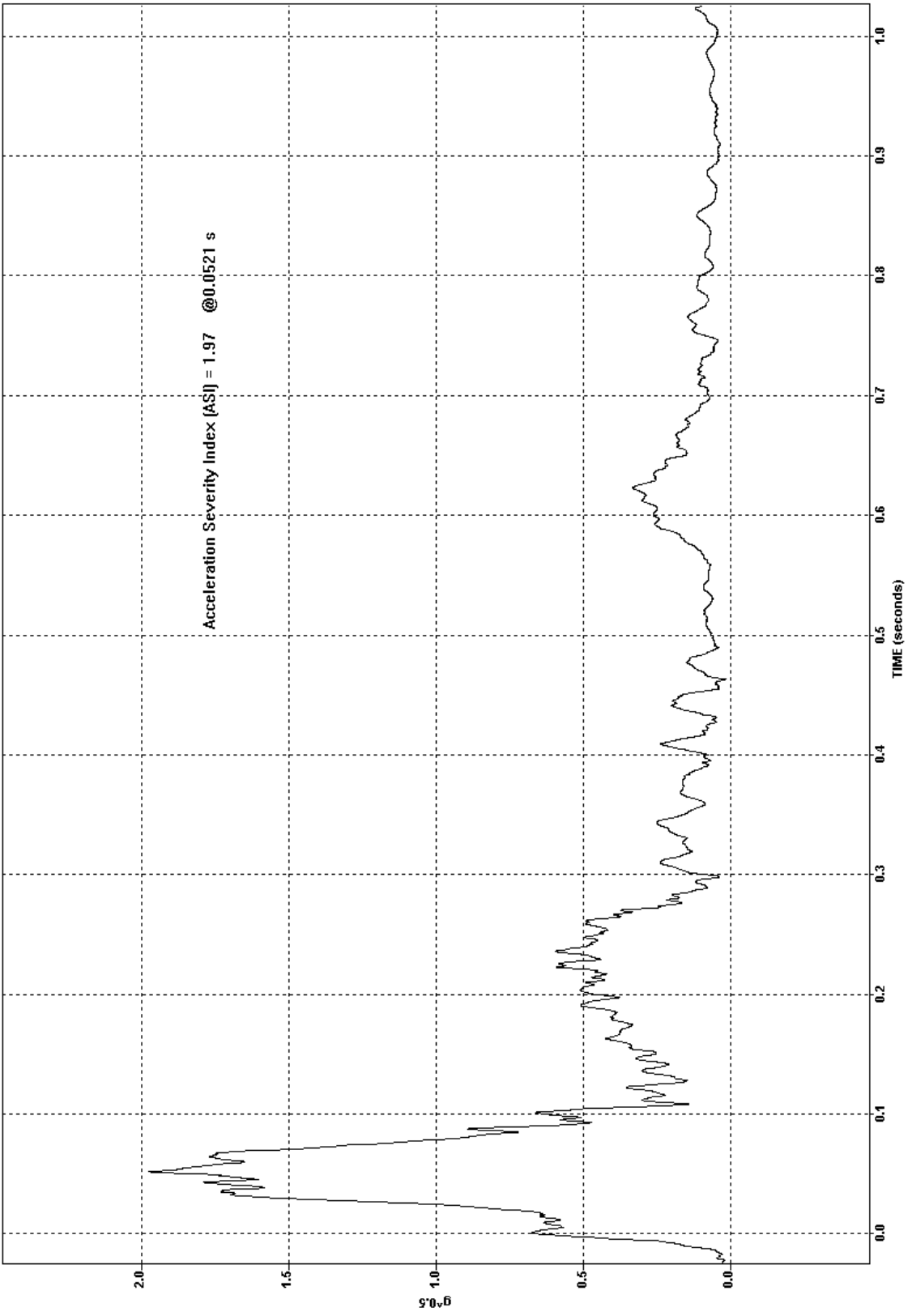


Figure 7-29 - Test 585 Acceleration Severity Index Vs Time

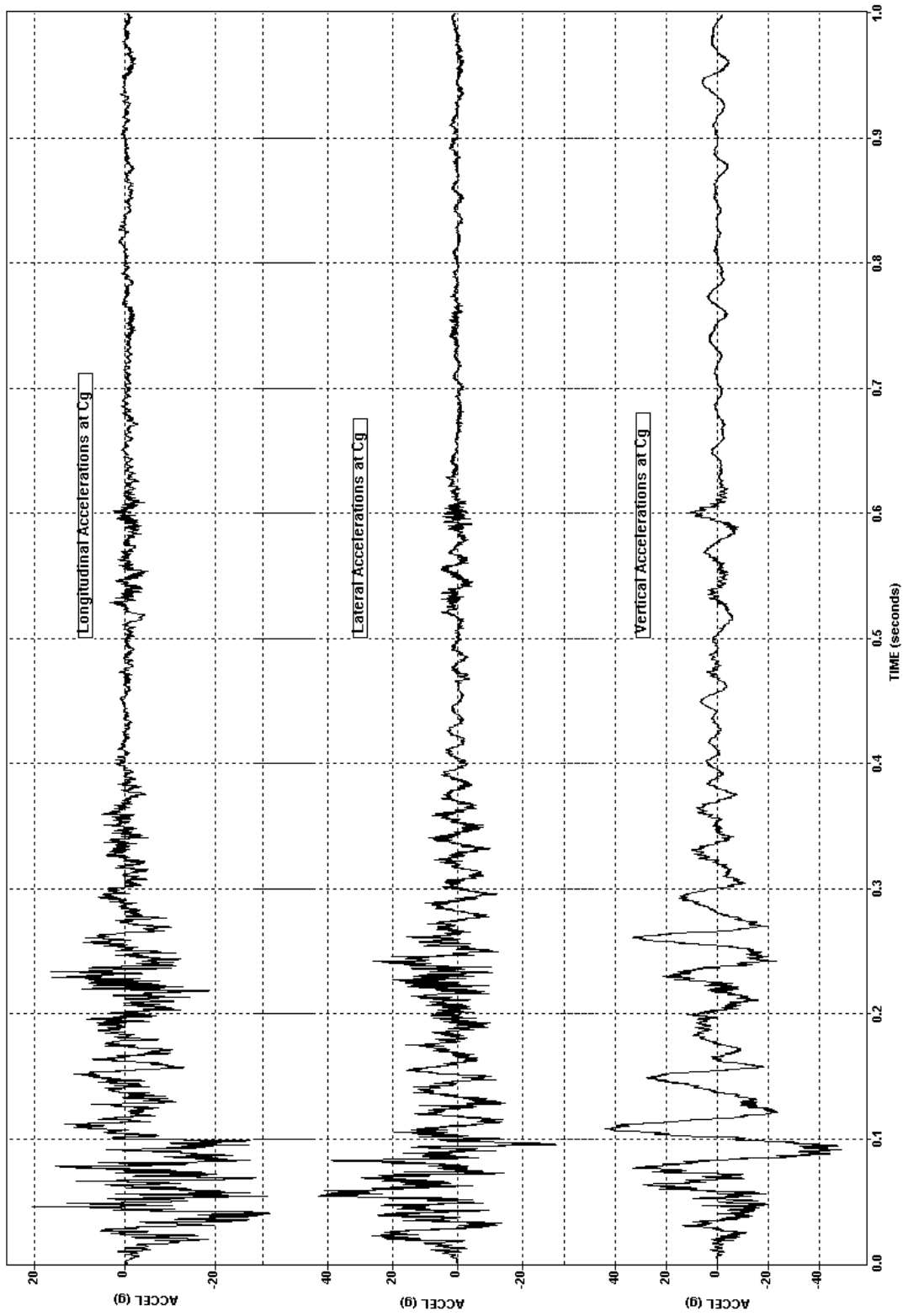


Figure 7-30 - Test 587 Vehicle Accelerations Vs Time

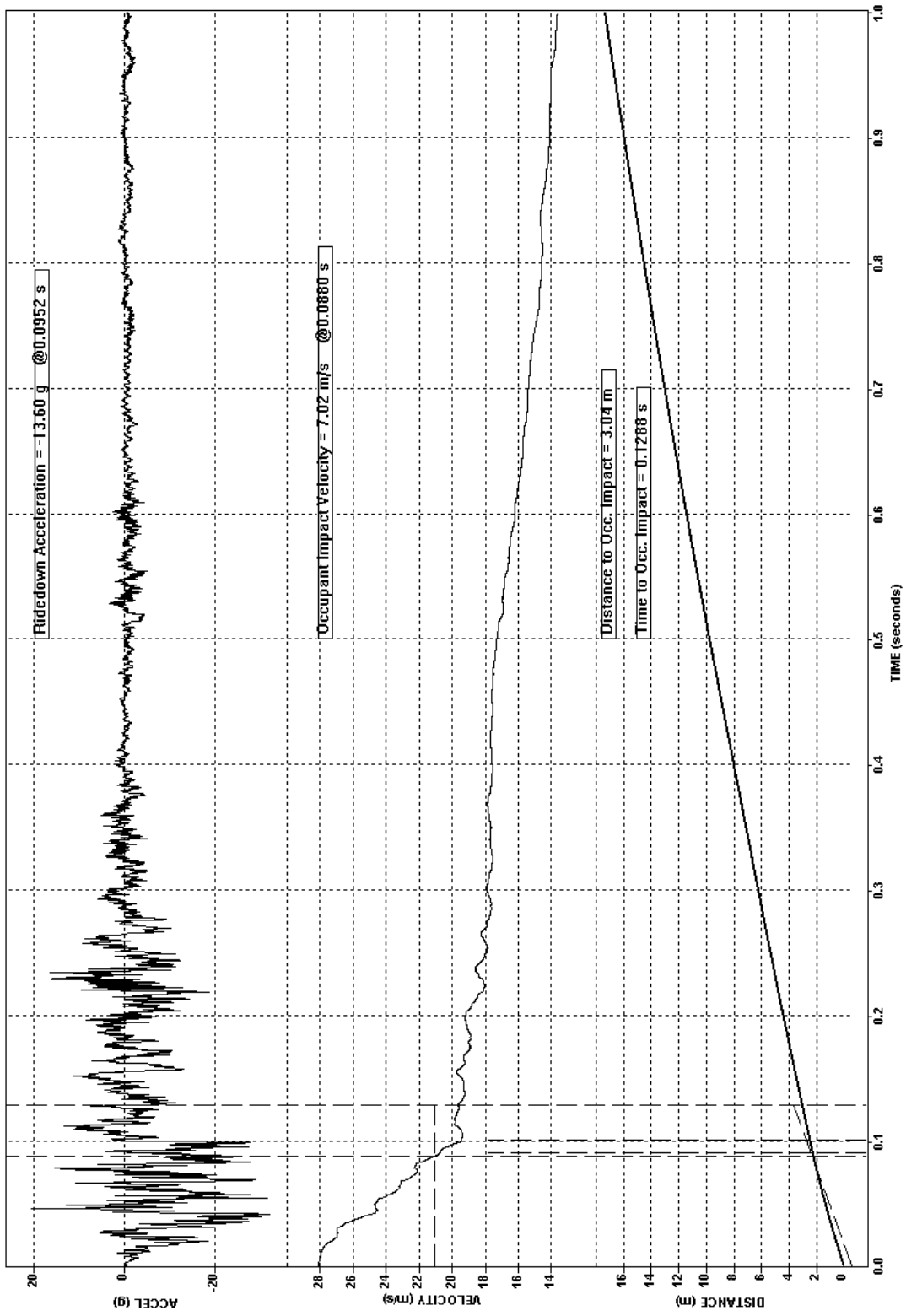


Figure 7-31 - Test 587 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

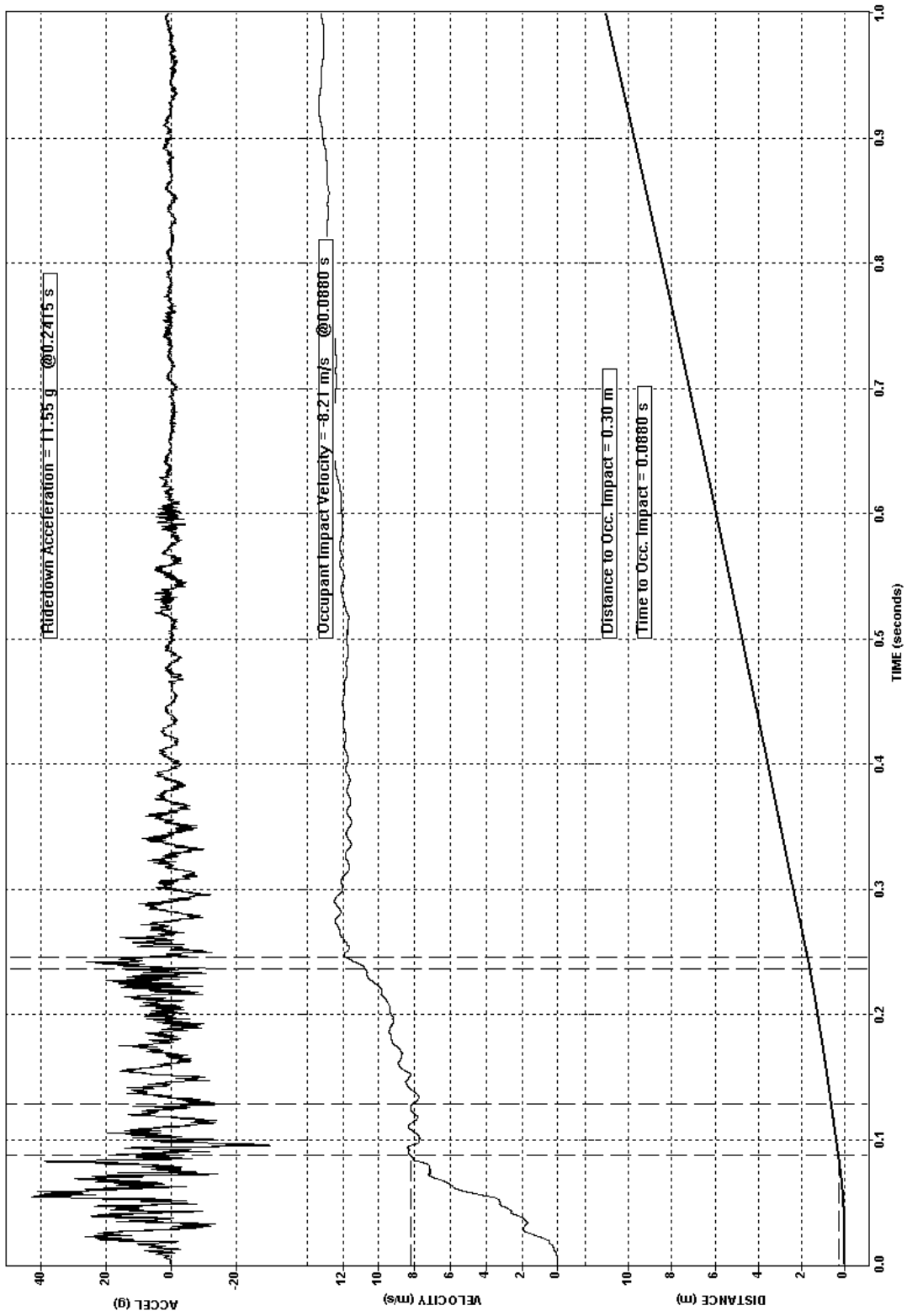


Figure 7-32 - Test 587 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

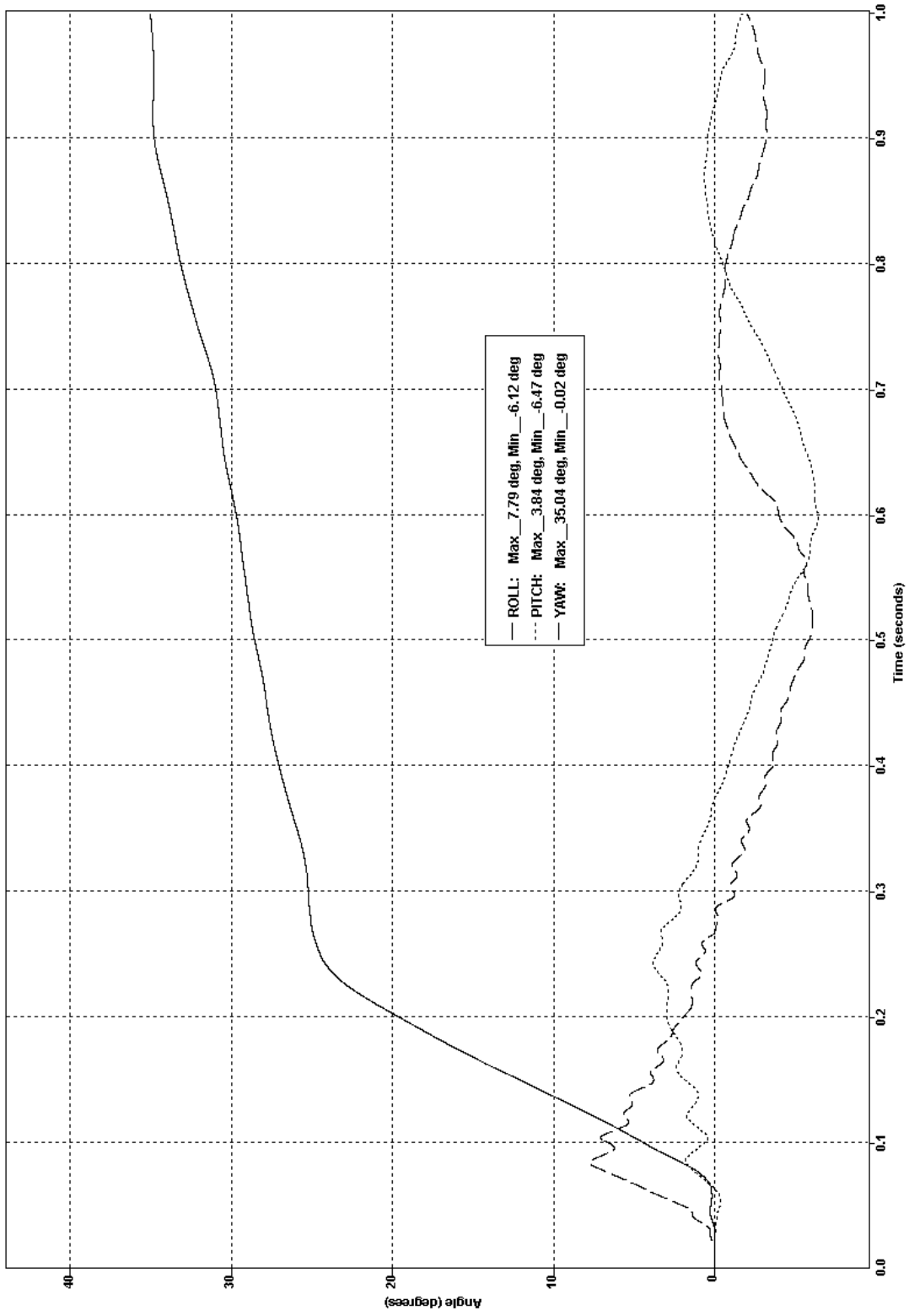


Figure 7-33 - Test 587 Vehicle Roll, Pitch, and Yaw Vs Time

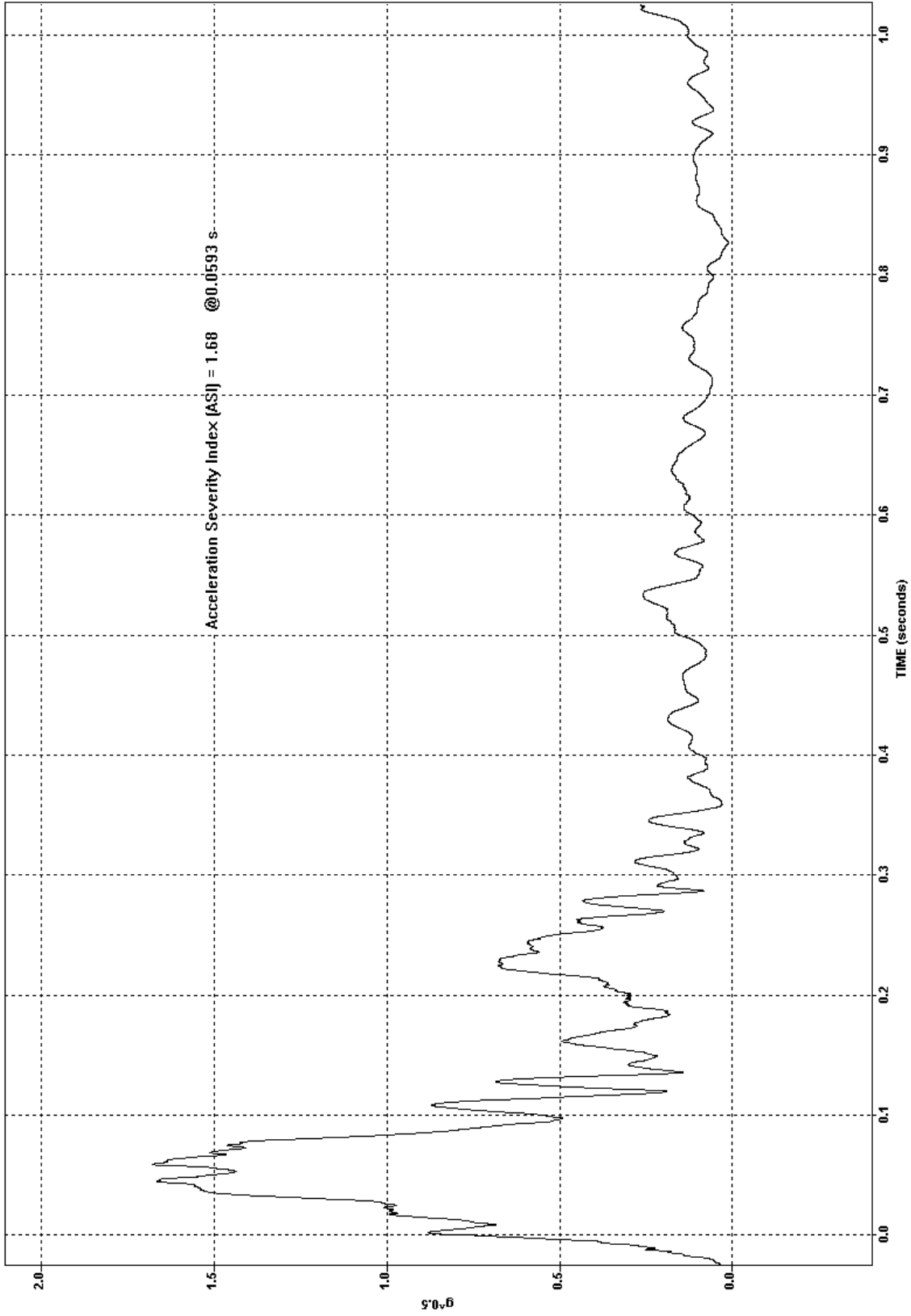


Figure 7-34 - Test 587 Acceleration Severity Index Vs Time

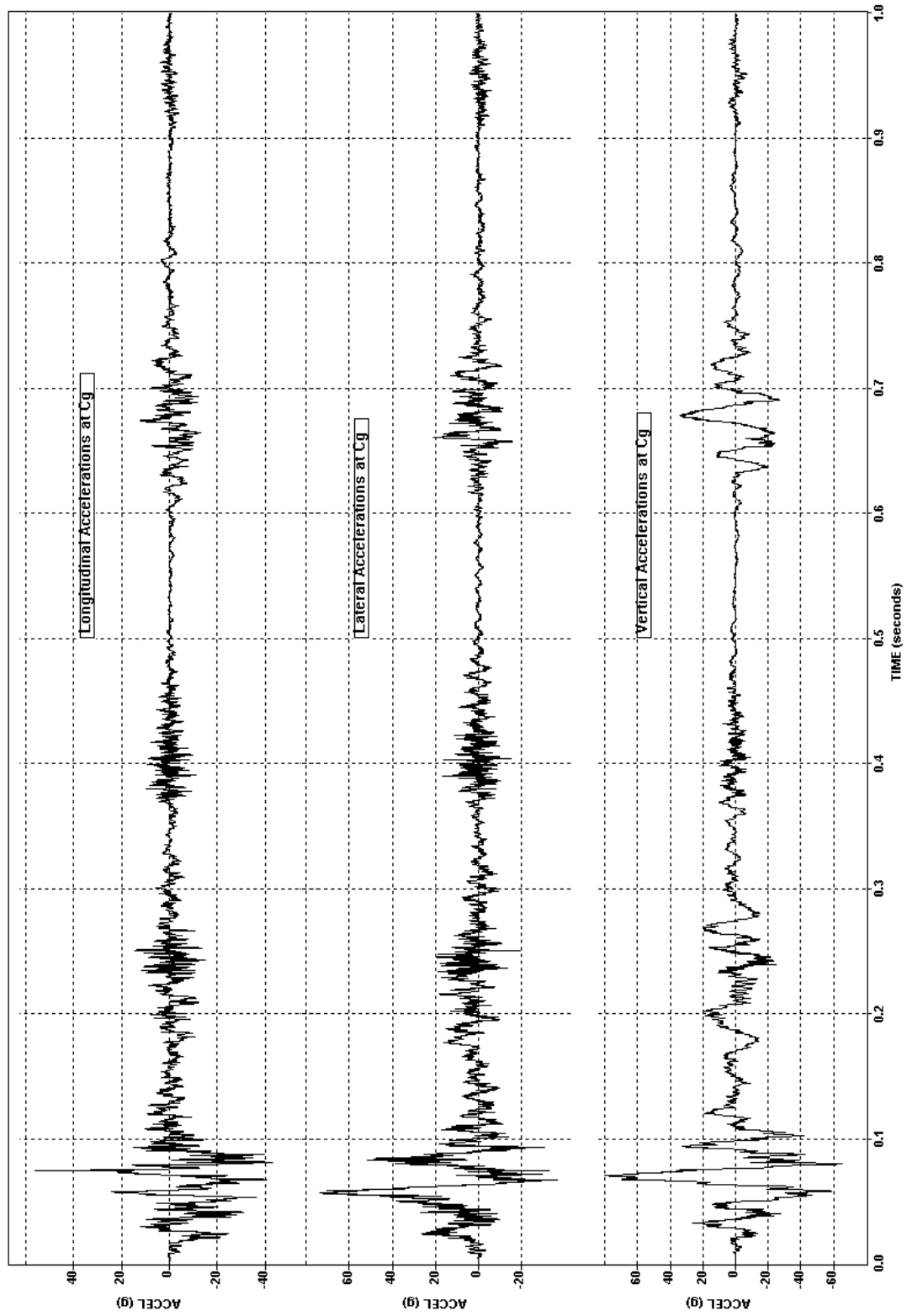


Figure 7-35 - Test 588 Vehicle Accelerations Vs Time



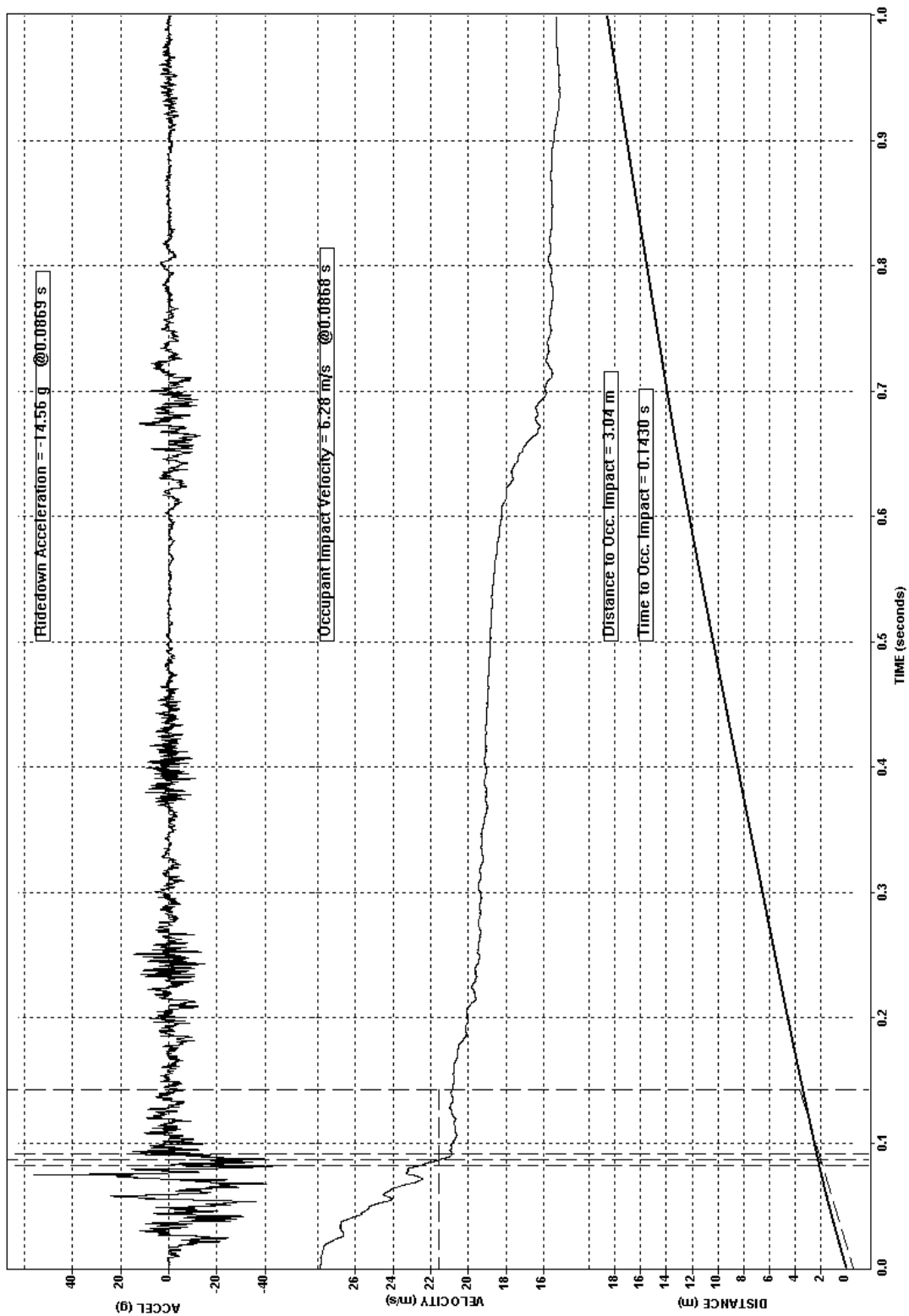


Figure 7-36 - Test 588 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

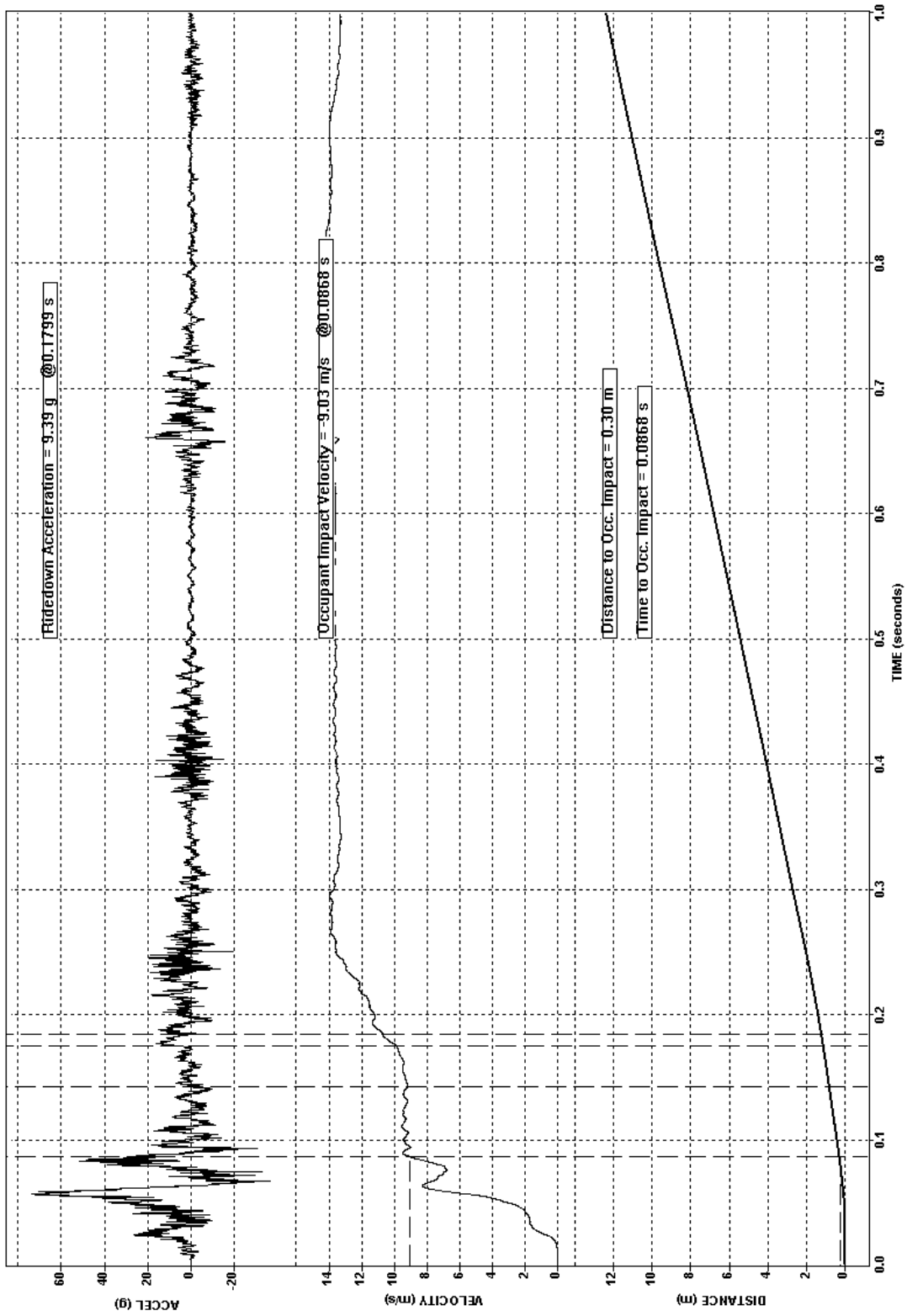


Figure 7-37 - Test 588 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

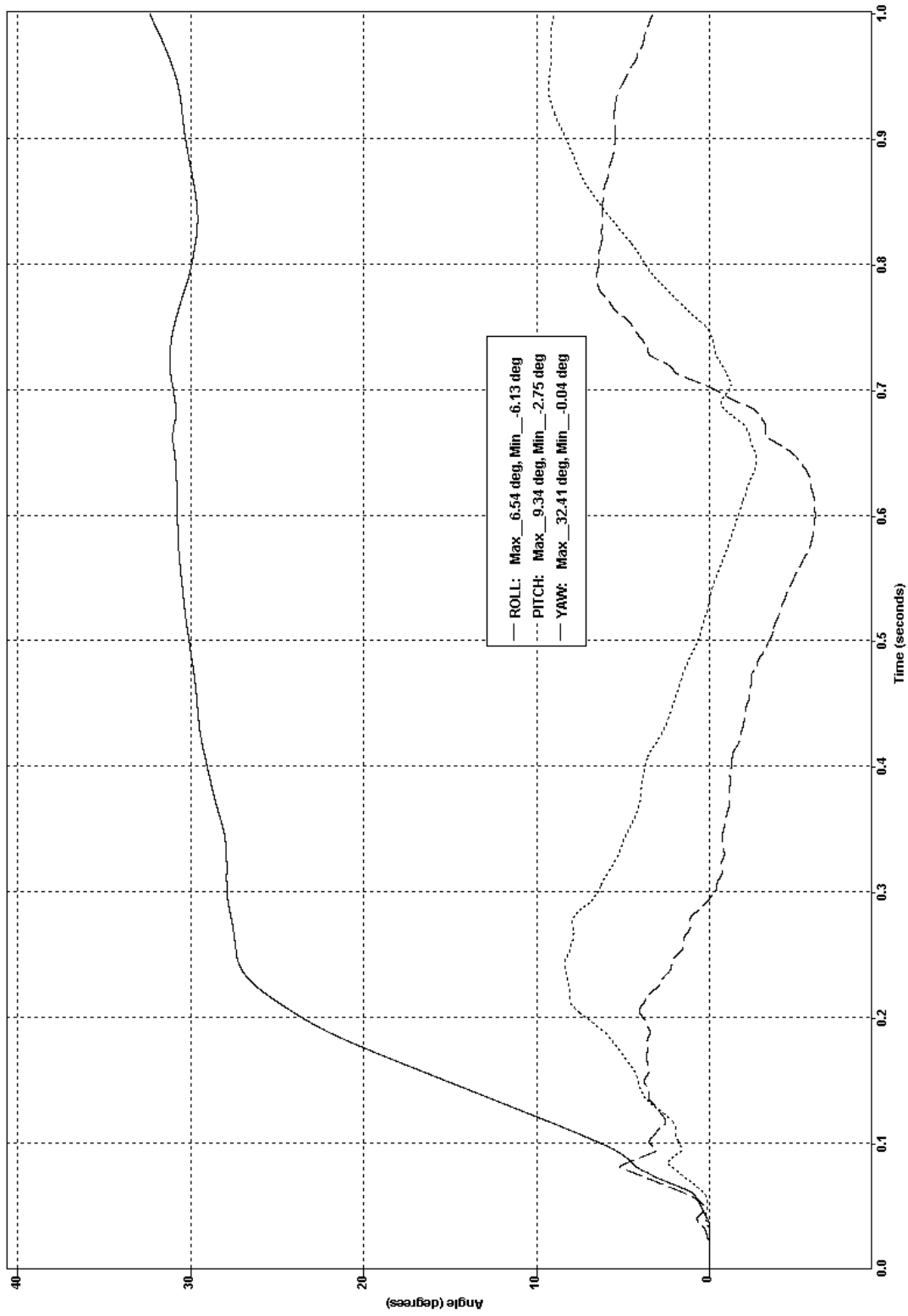


Figure 7-38 - Test 588 Vehicle Roll, Pitch, and Yaw Vs Time

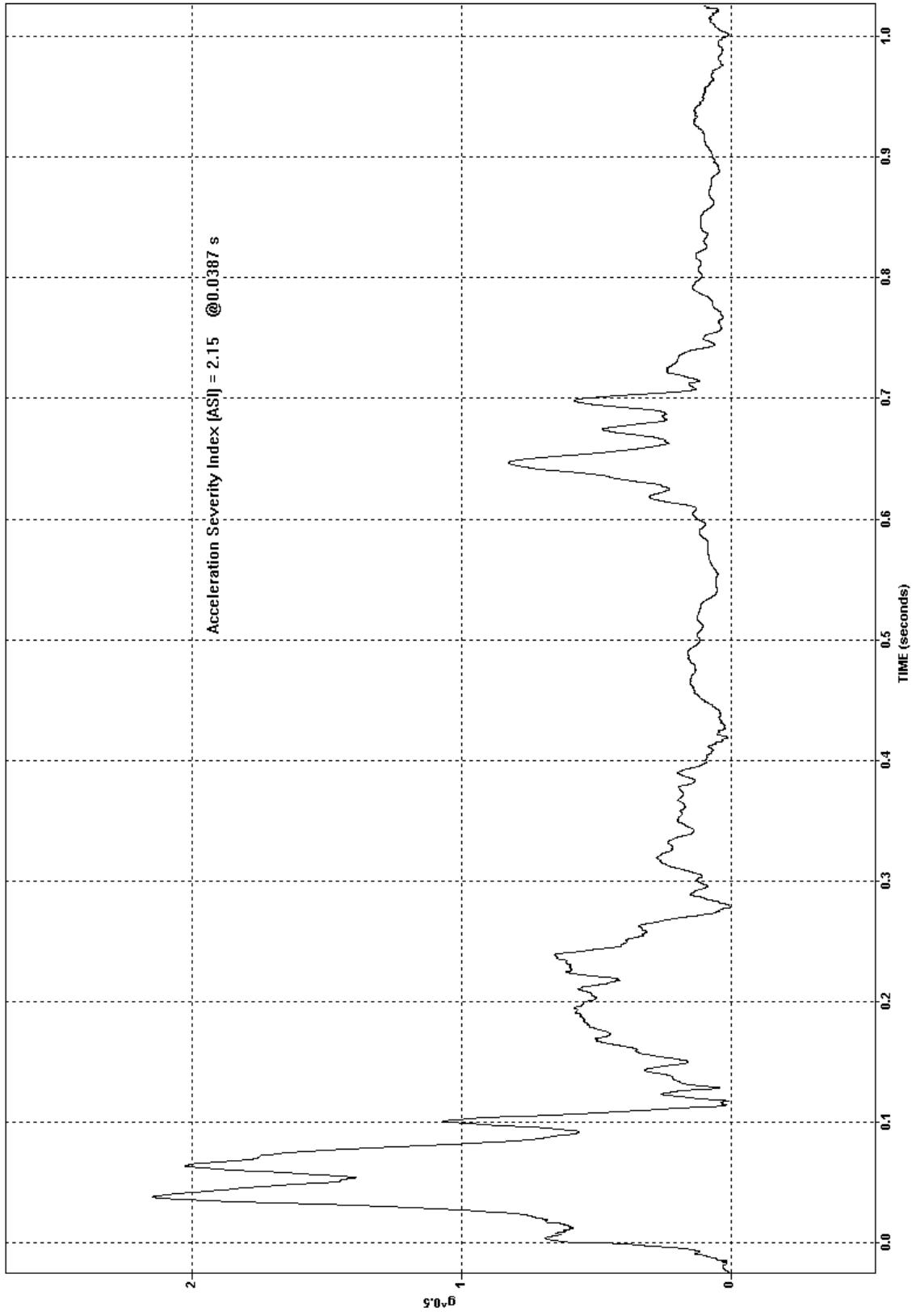


Figure 7-39 - Test 588 Acceleration Severity Index Vs Time

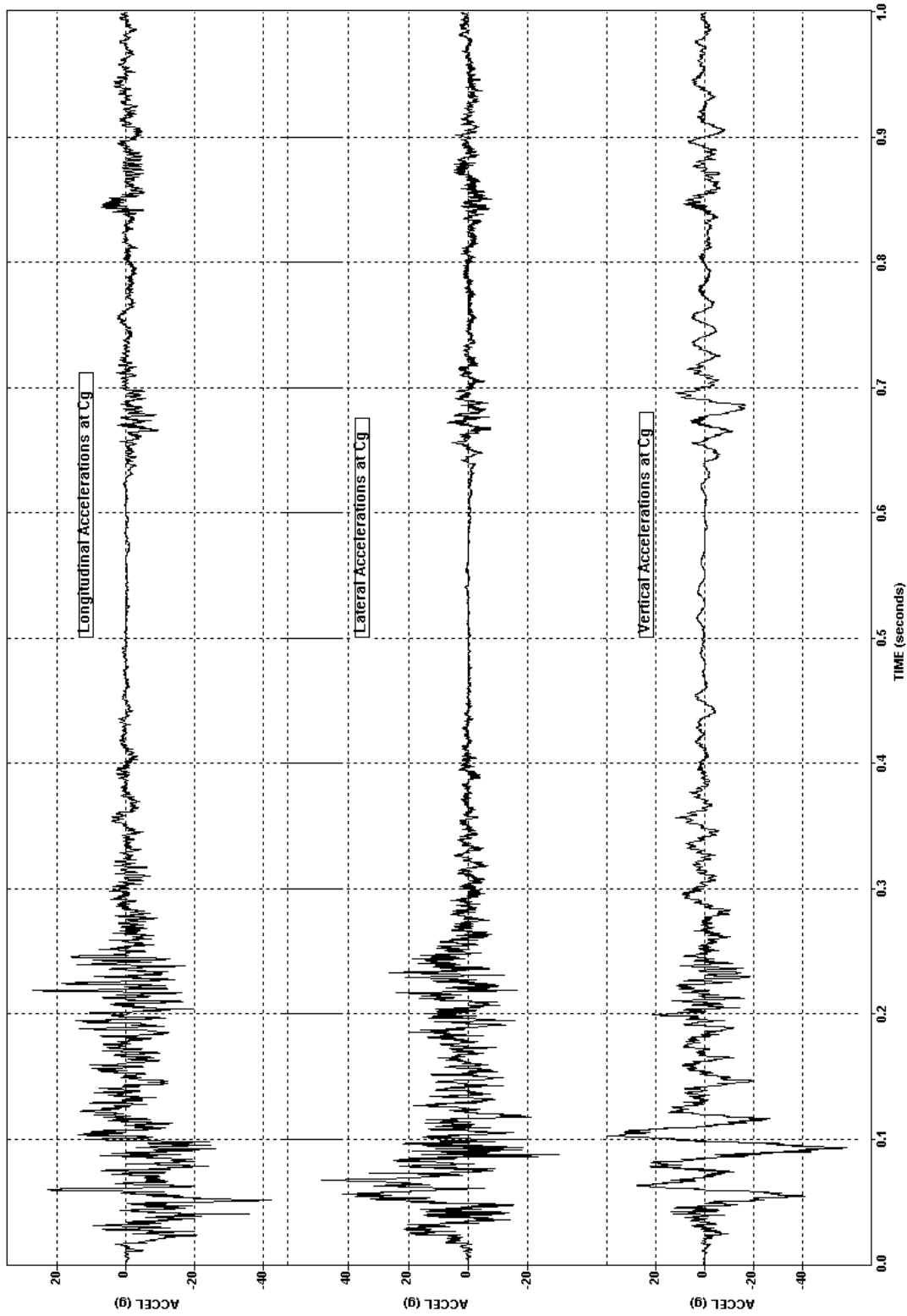


Figure 7-40 - Test 589 Vehicle Accelerations Vs Time

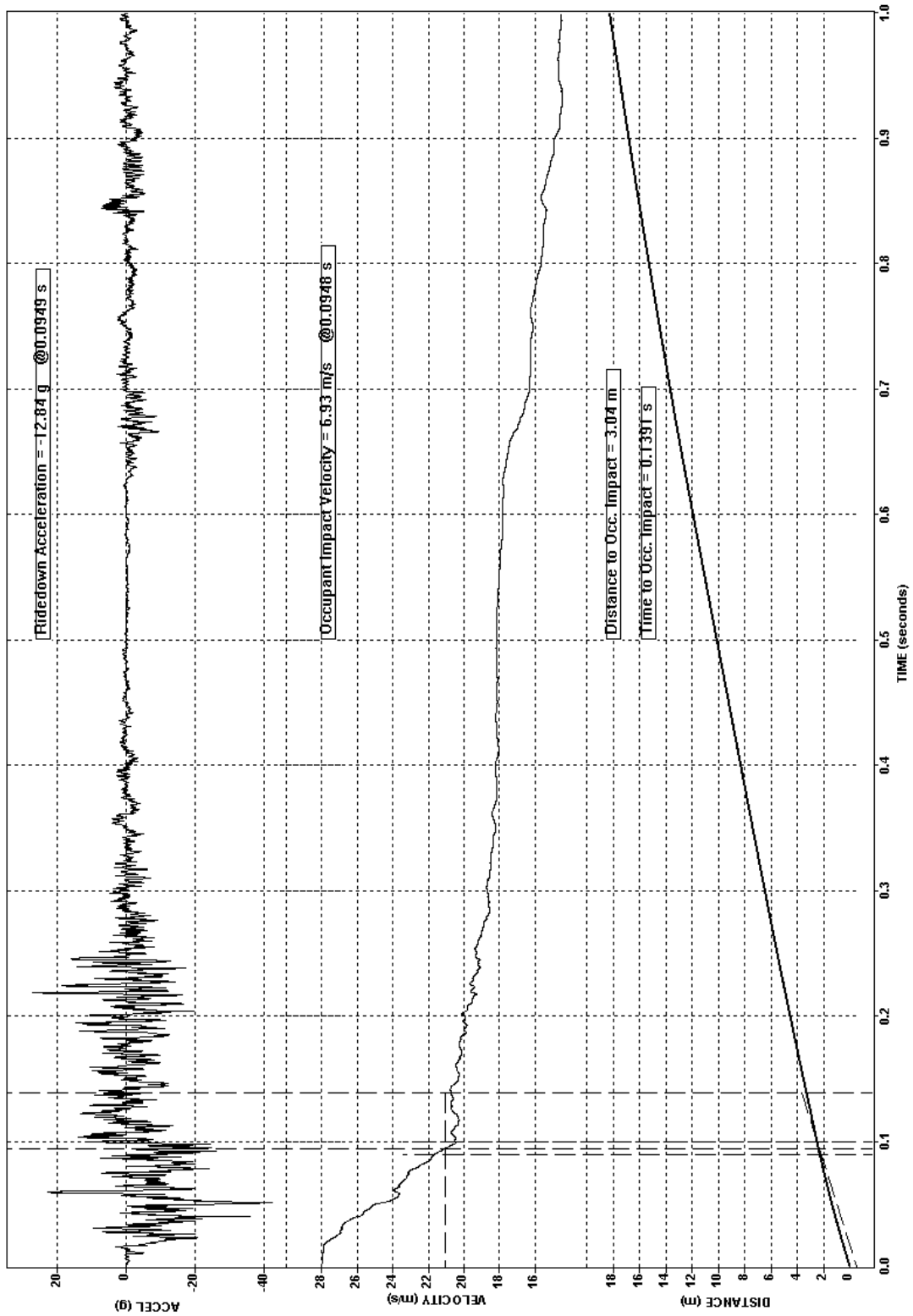


Figure 7-41 - Test 589 Vehicle Longitudinal Acceleration, Velocity, and Distance Vs Time

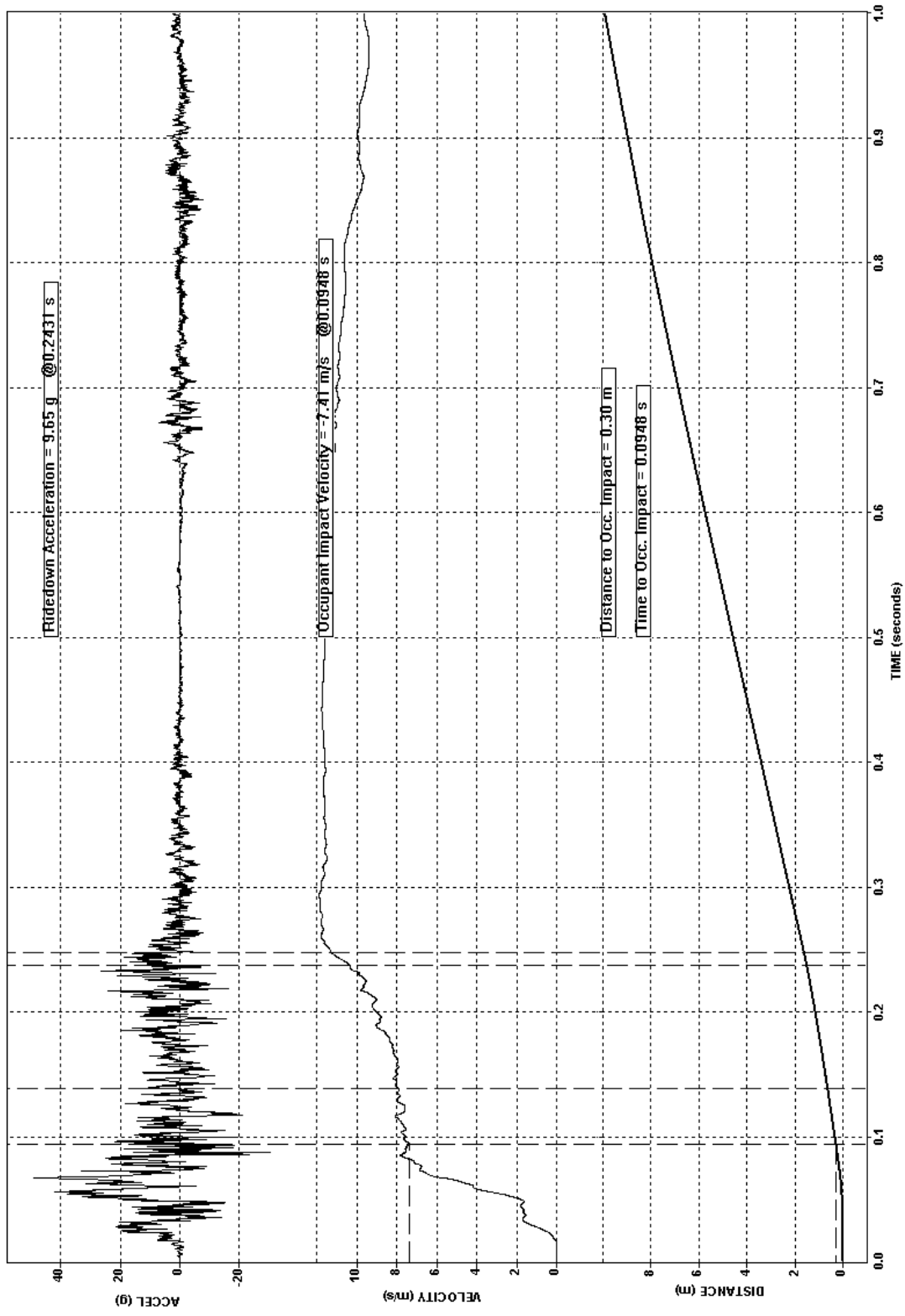


Figure 7-42 - Test 589 Vehicle Lateral Acceleration, Velocity, and Distance Vs Time

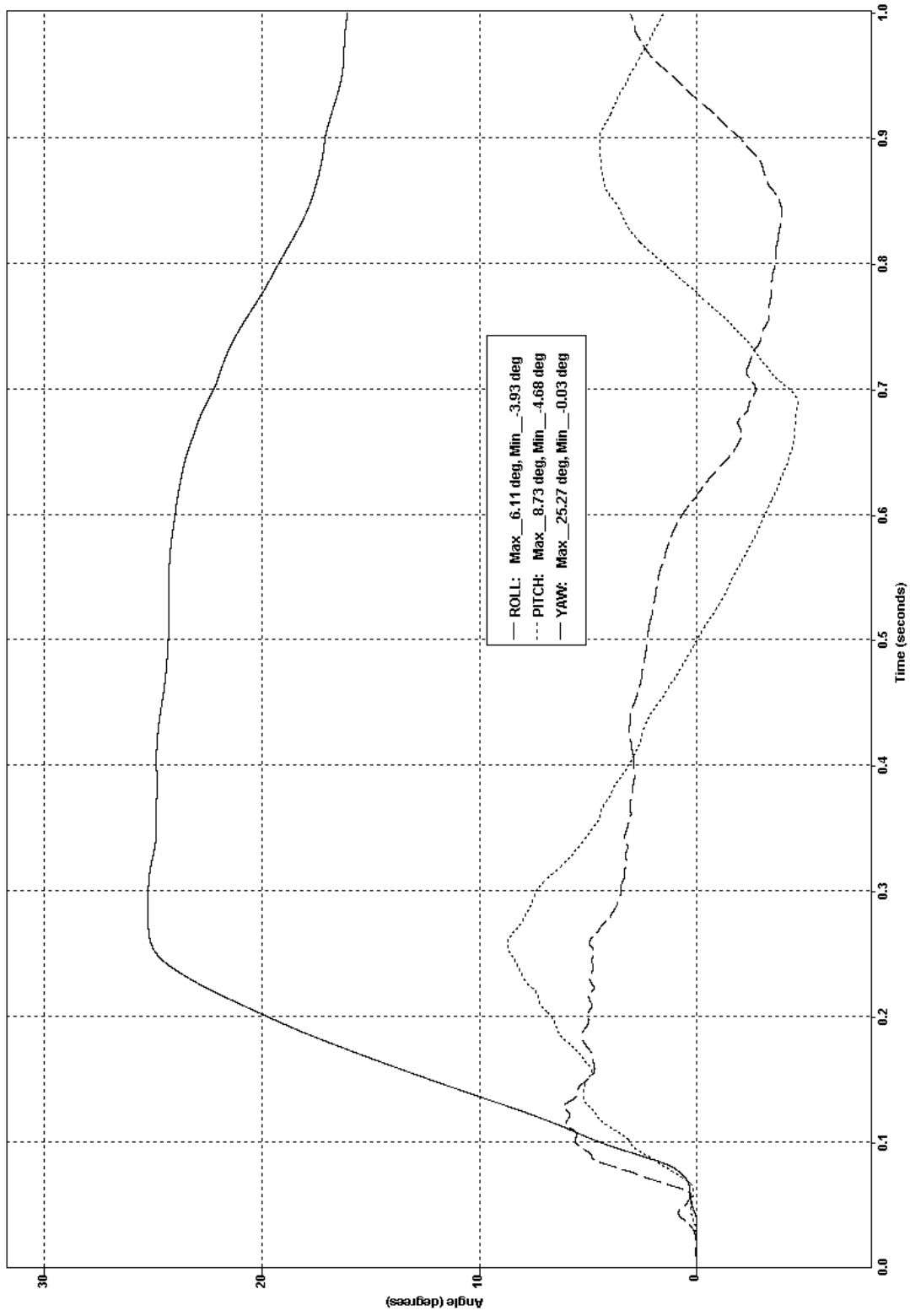


Figure 7-43 - Test 589 Vehicle Roll, Pitch, and Yaw Vs Time



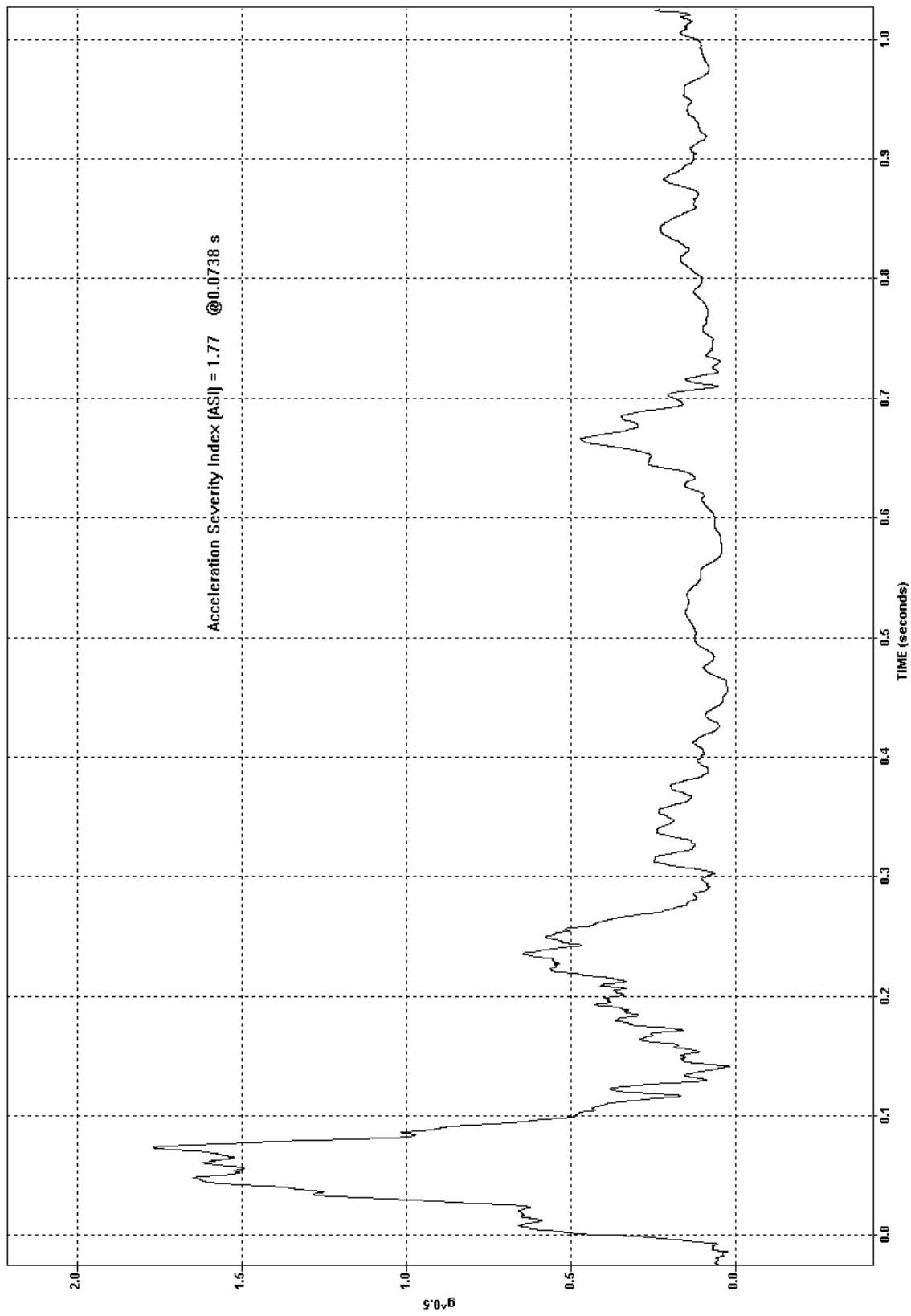


Figure 7-44 - Test 589 Acceleration Severity Index Vs Time