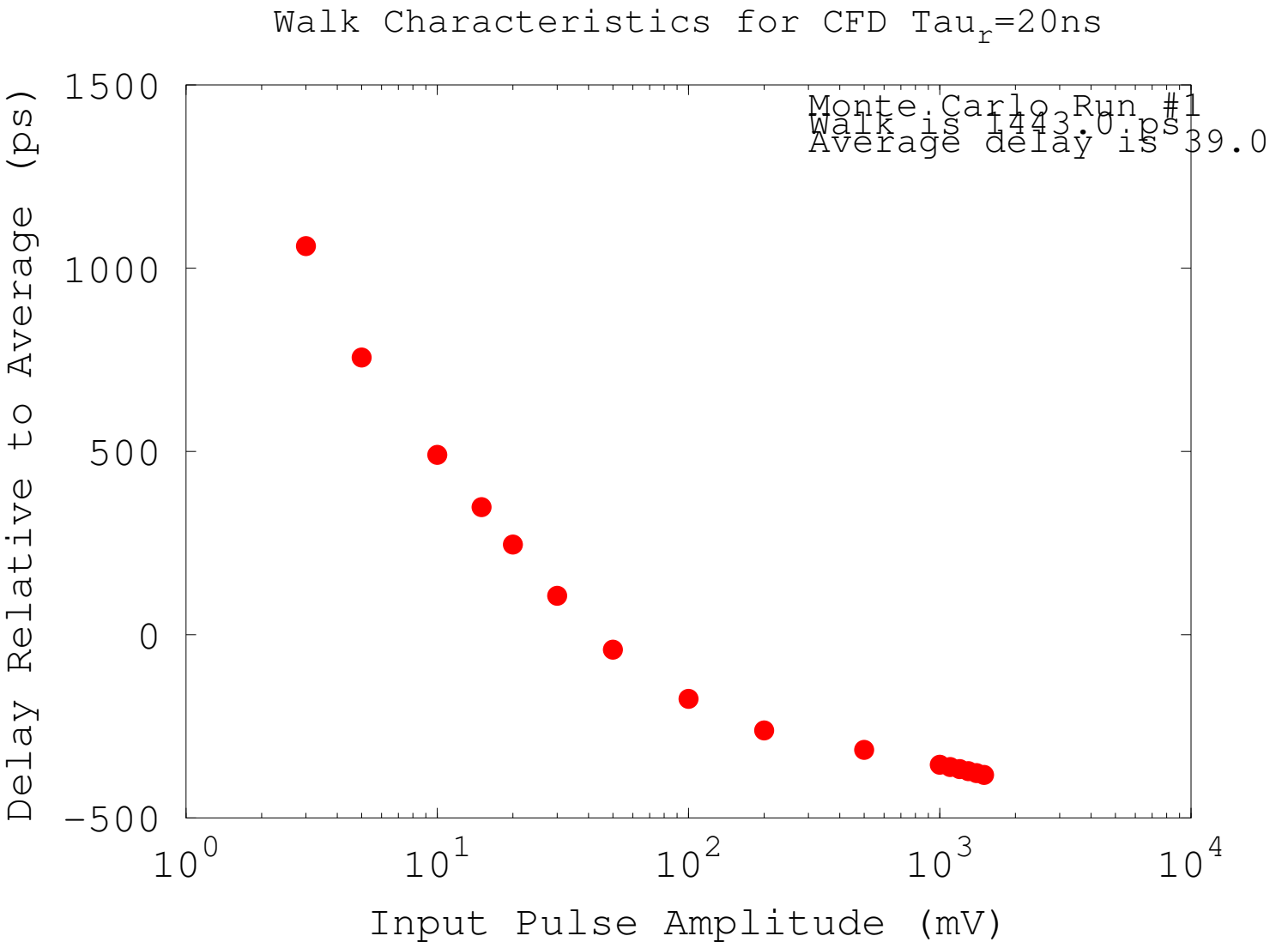
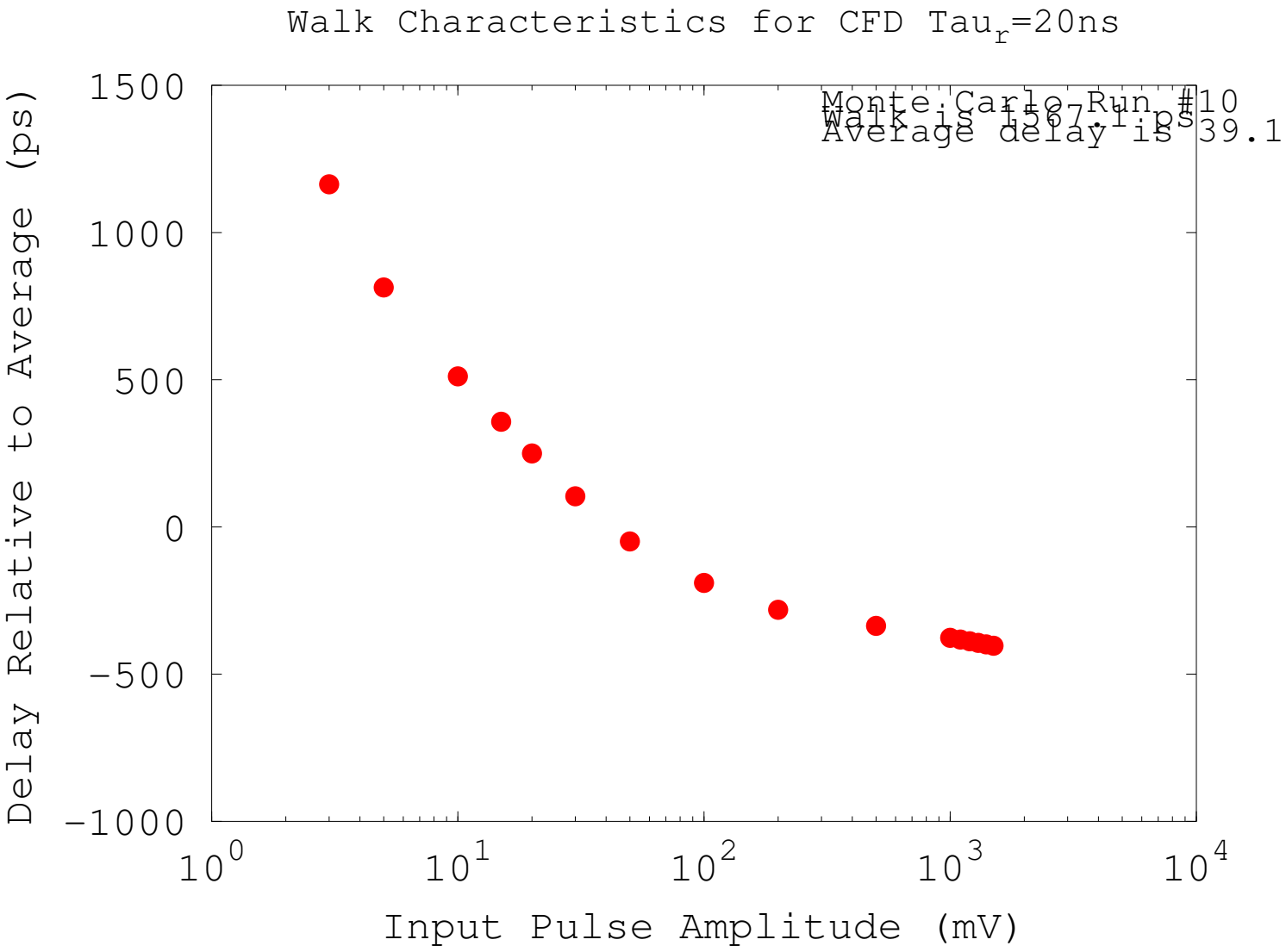
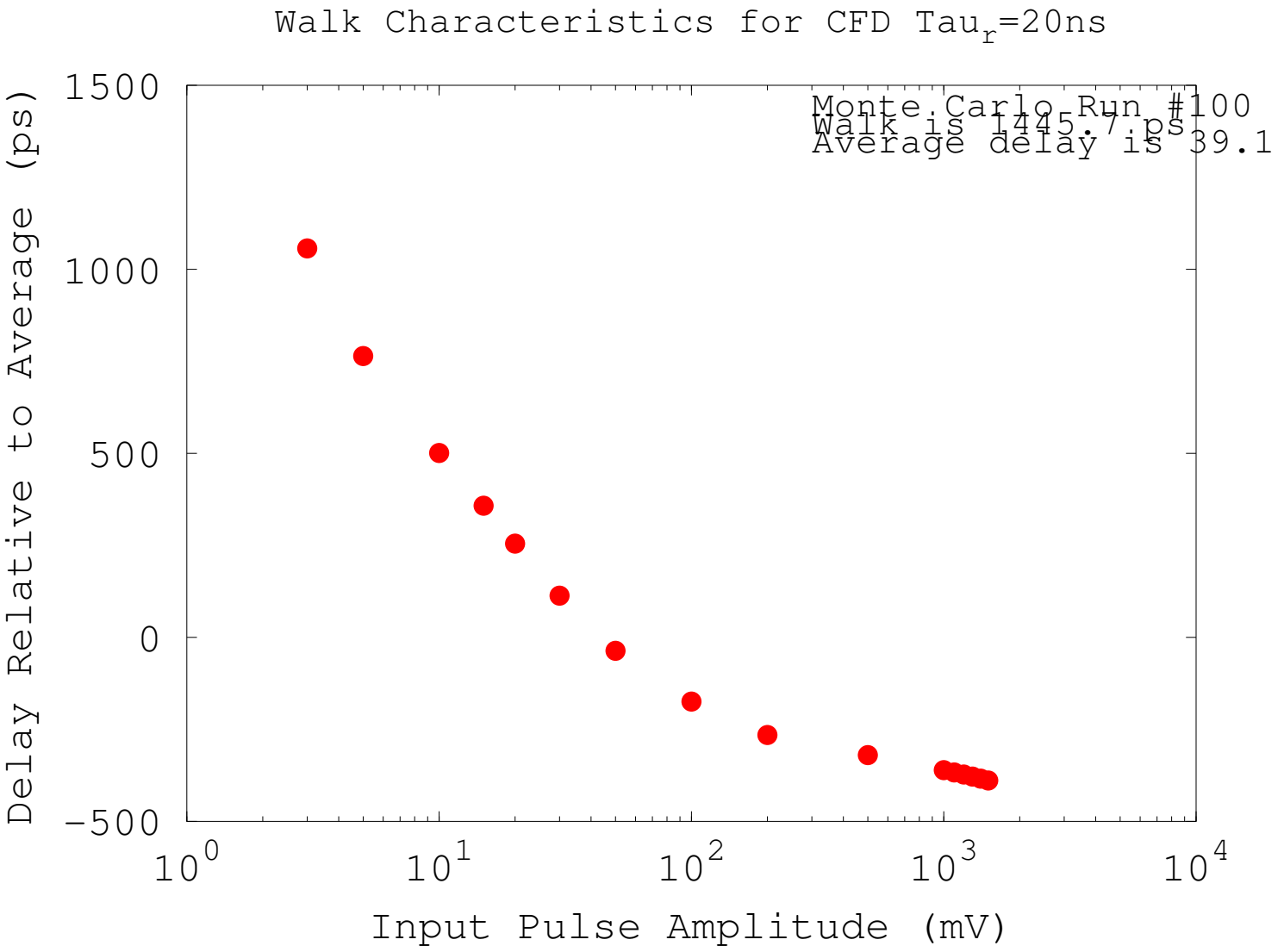
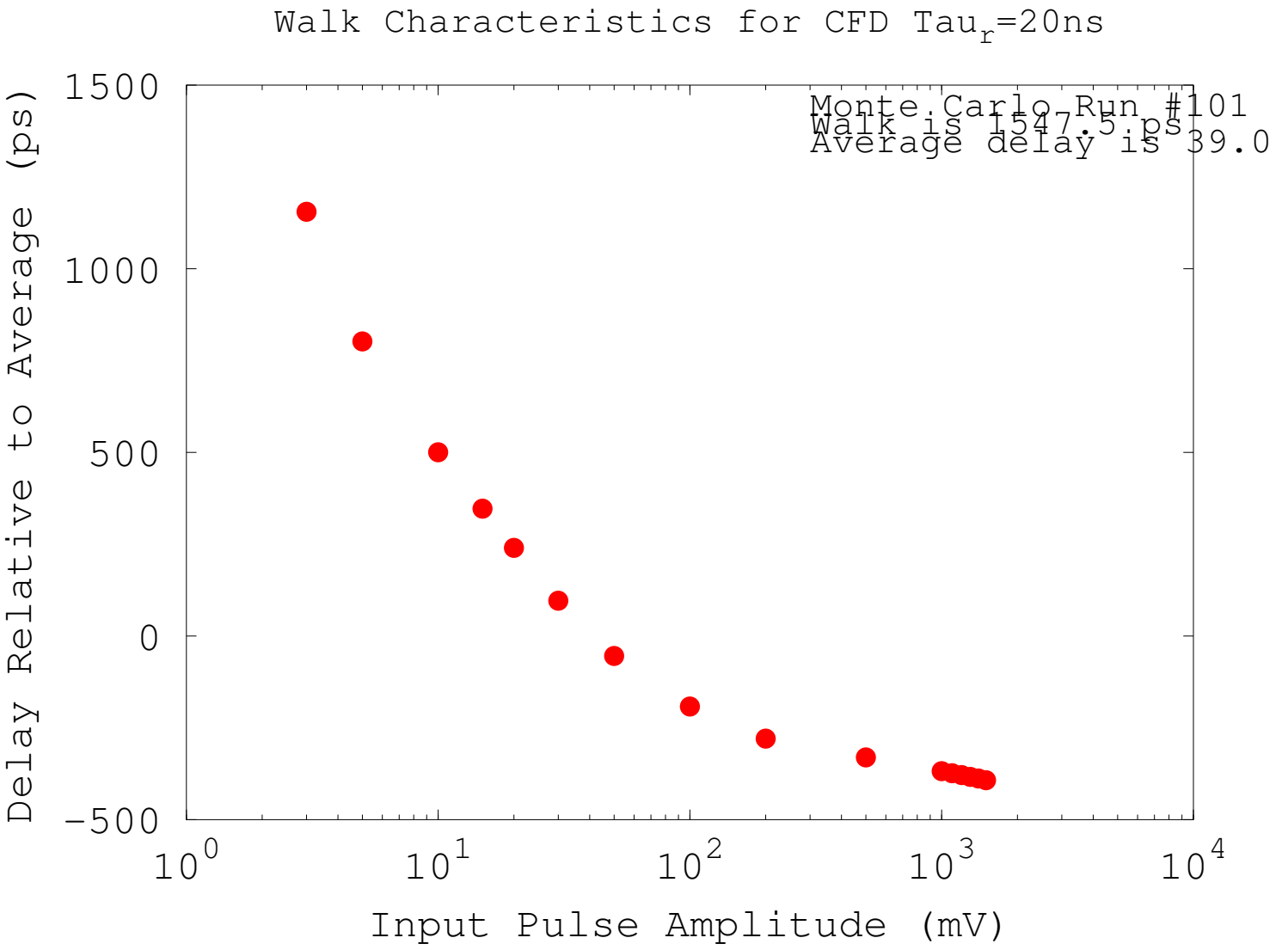
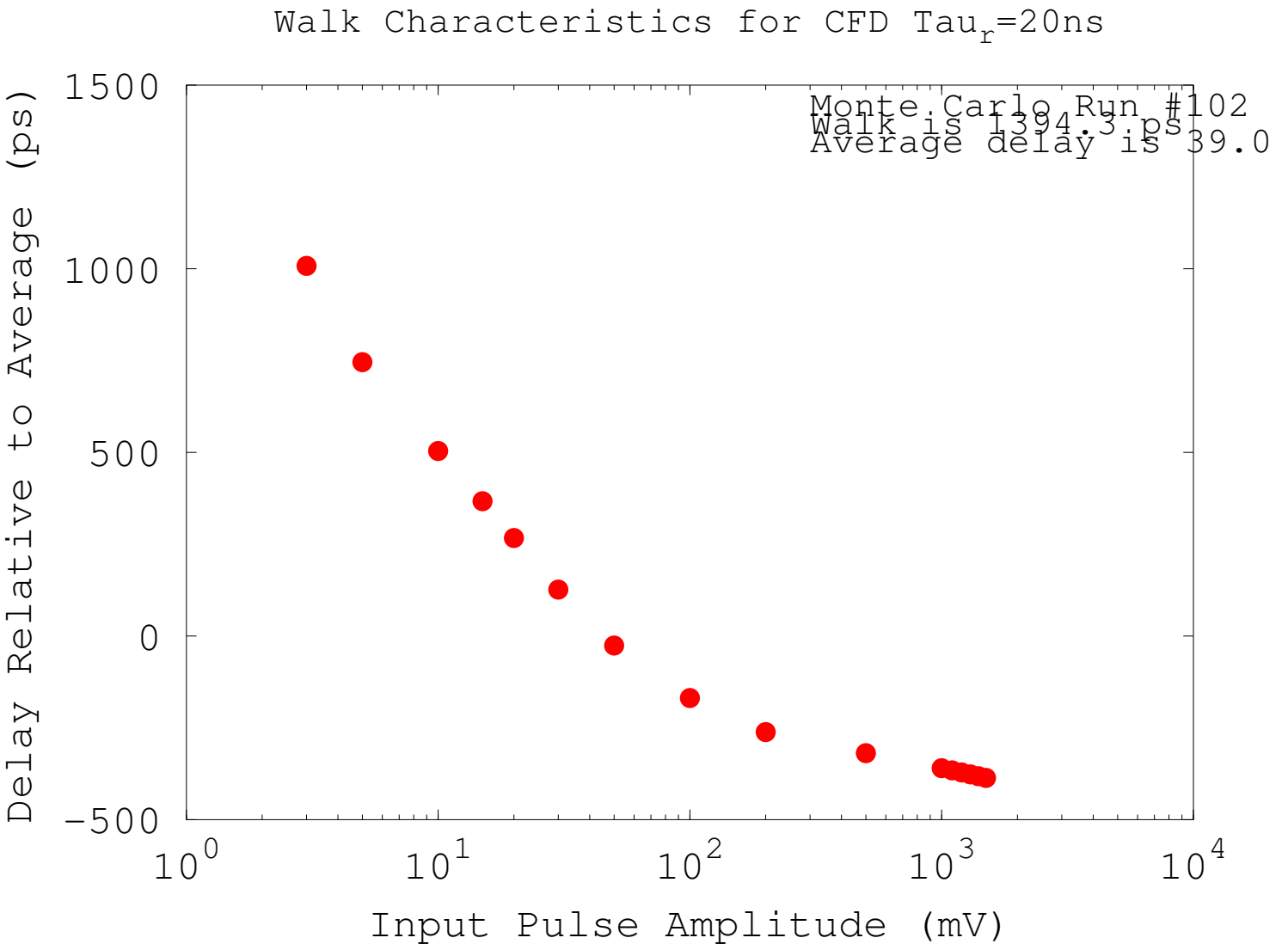
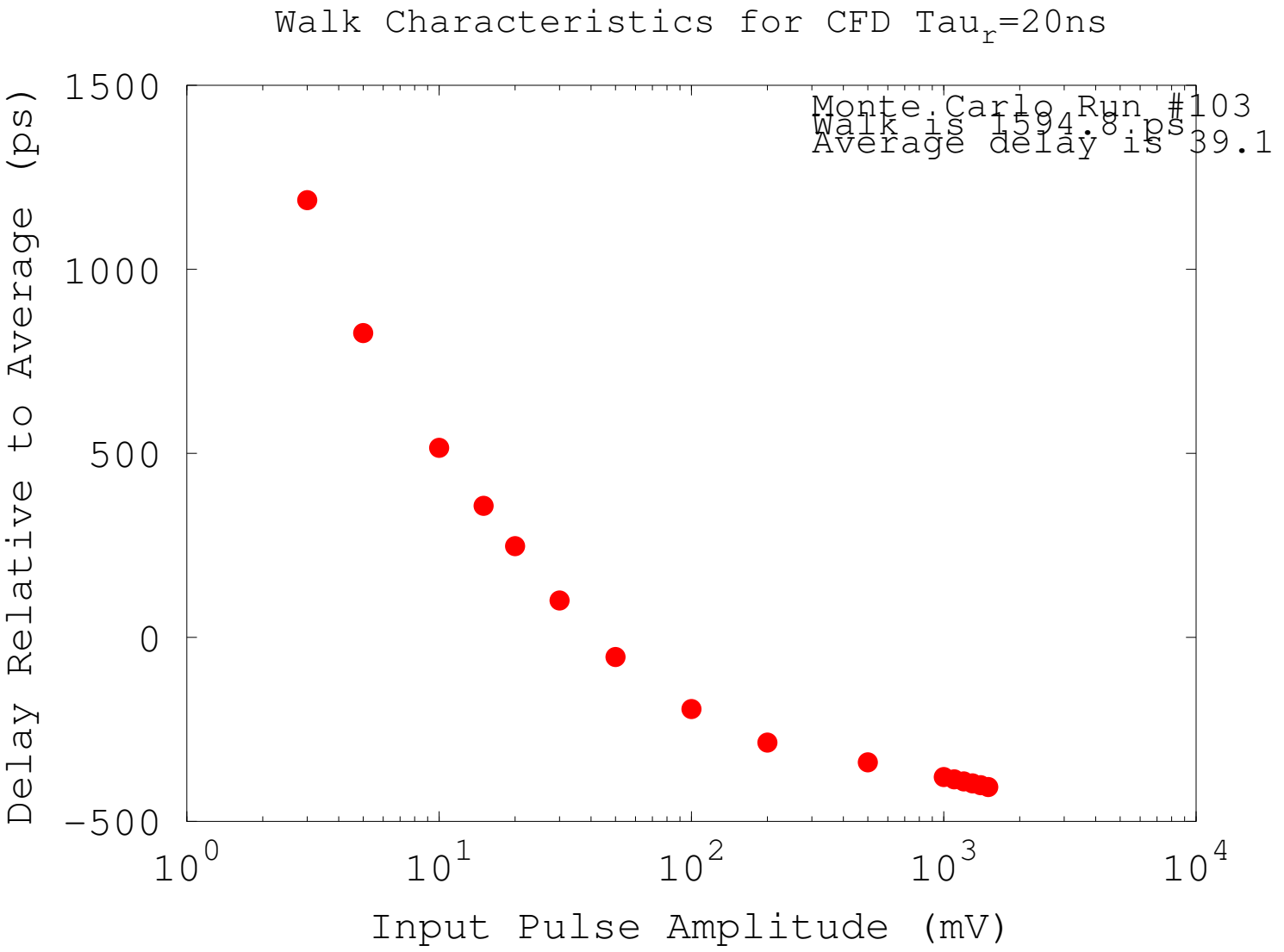

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #1
Walk is 1443.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

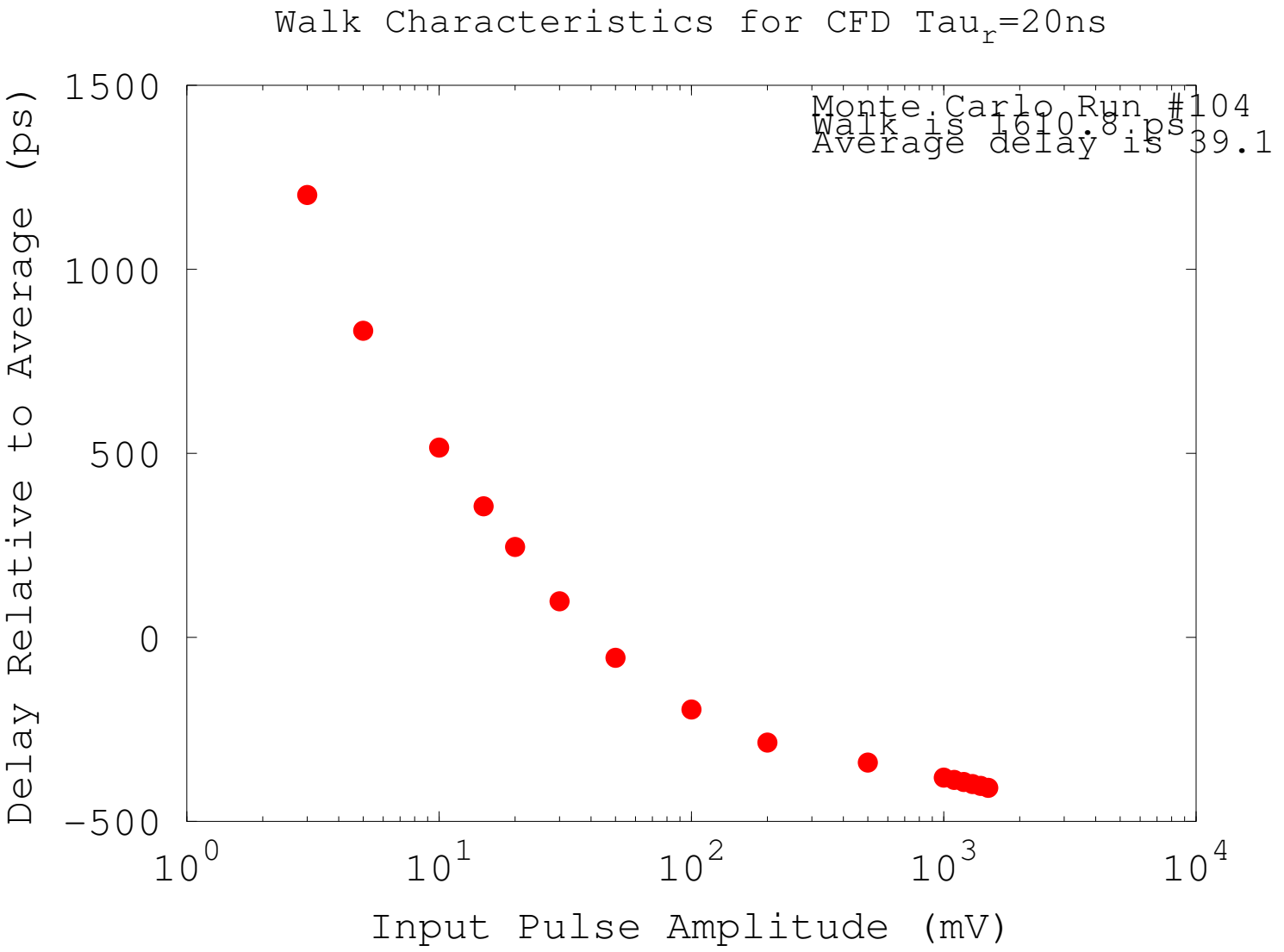

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #10
Walk is 1567.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

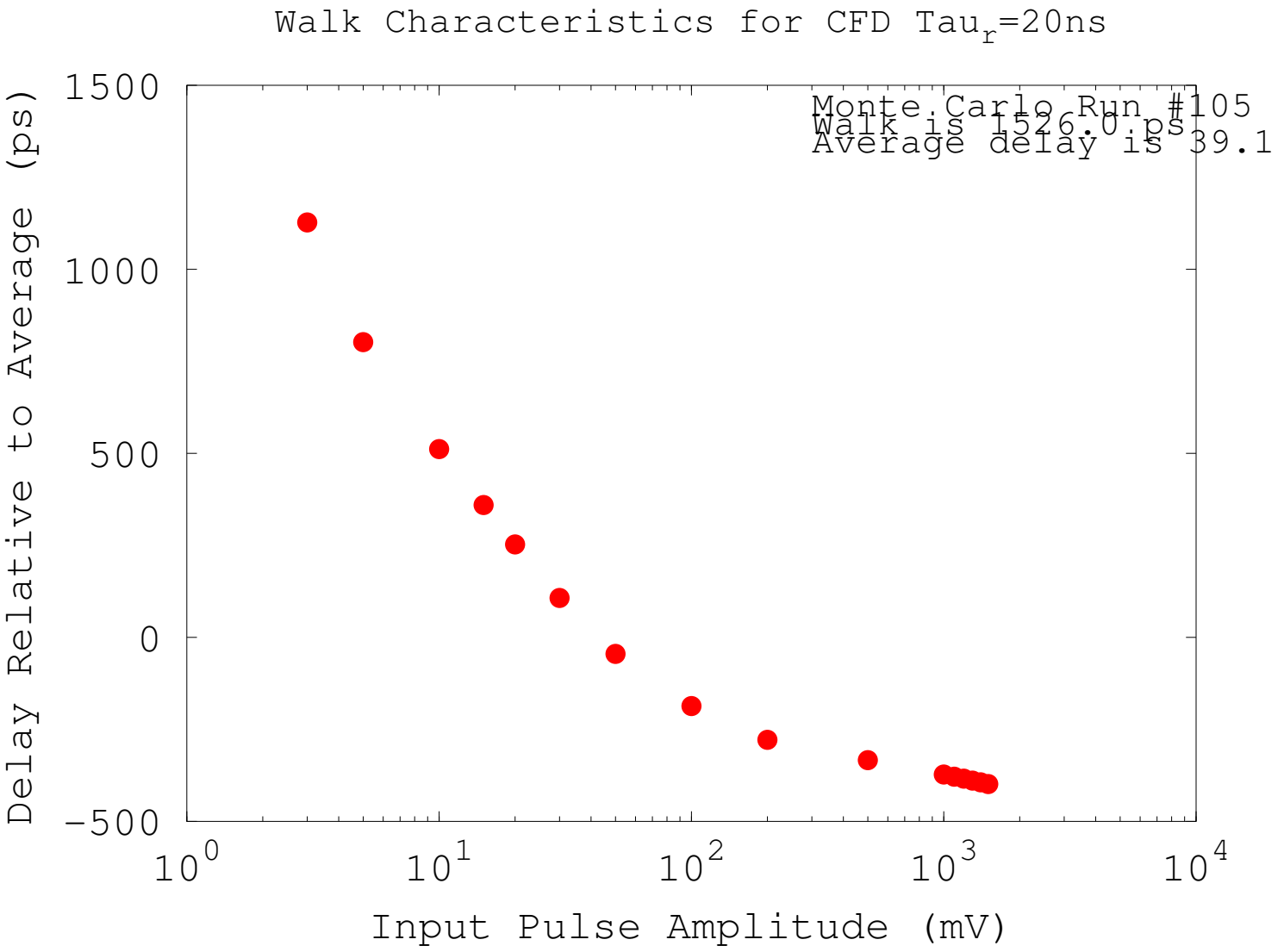

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #100
Walk is 1445.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

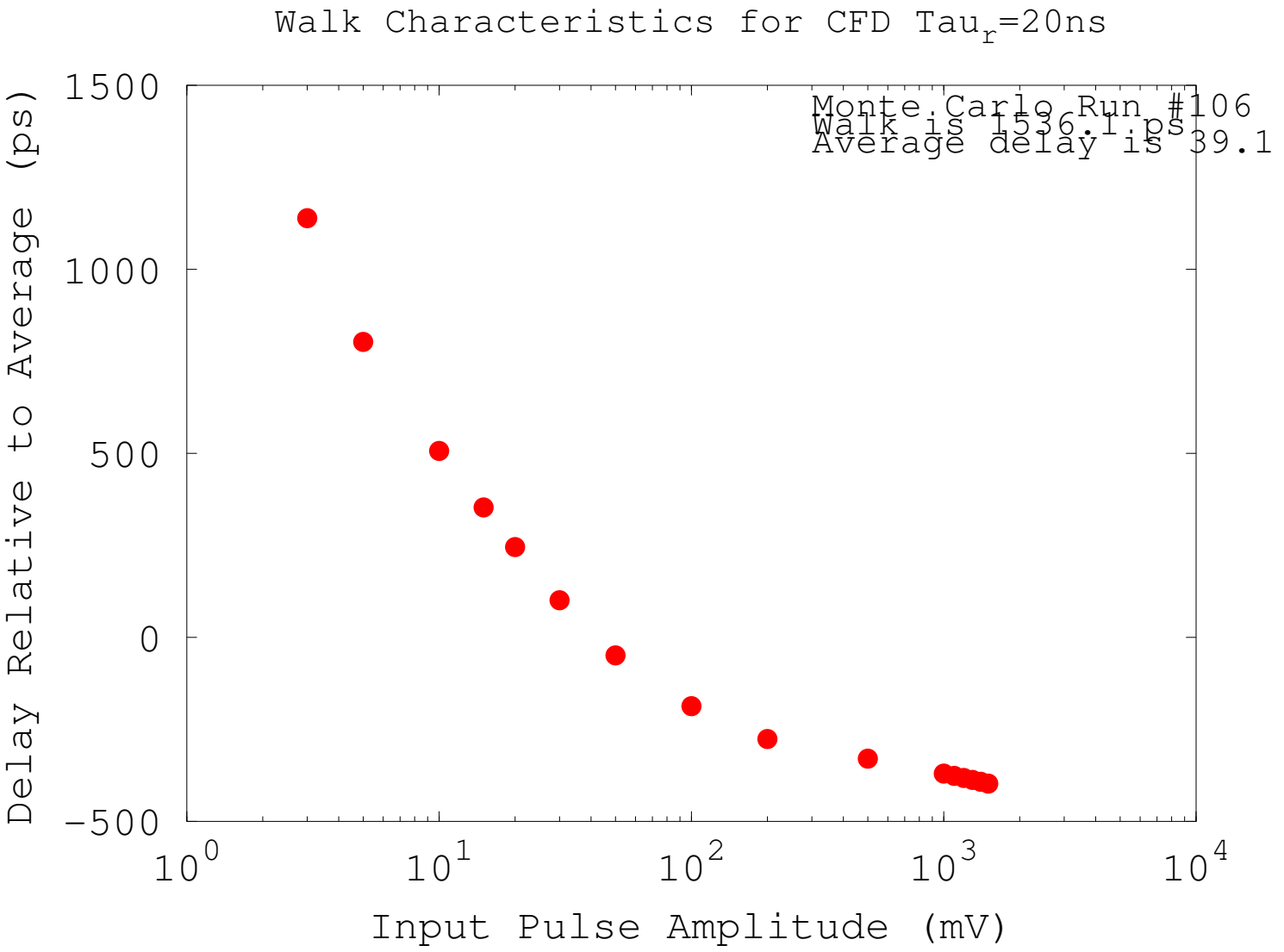

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #101
Walk is 1547.5 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

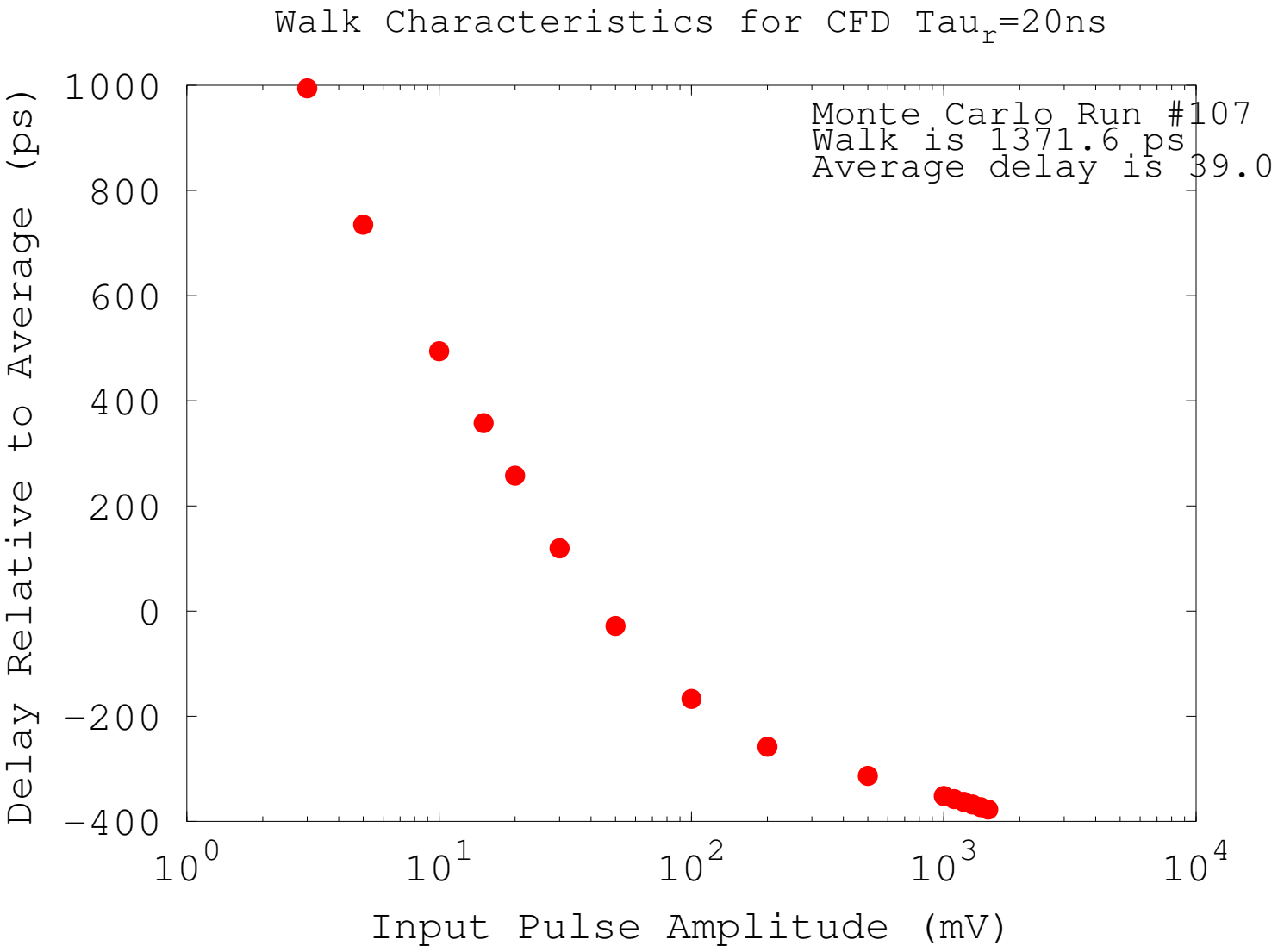

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #102
Walk is 1394.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

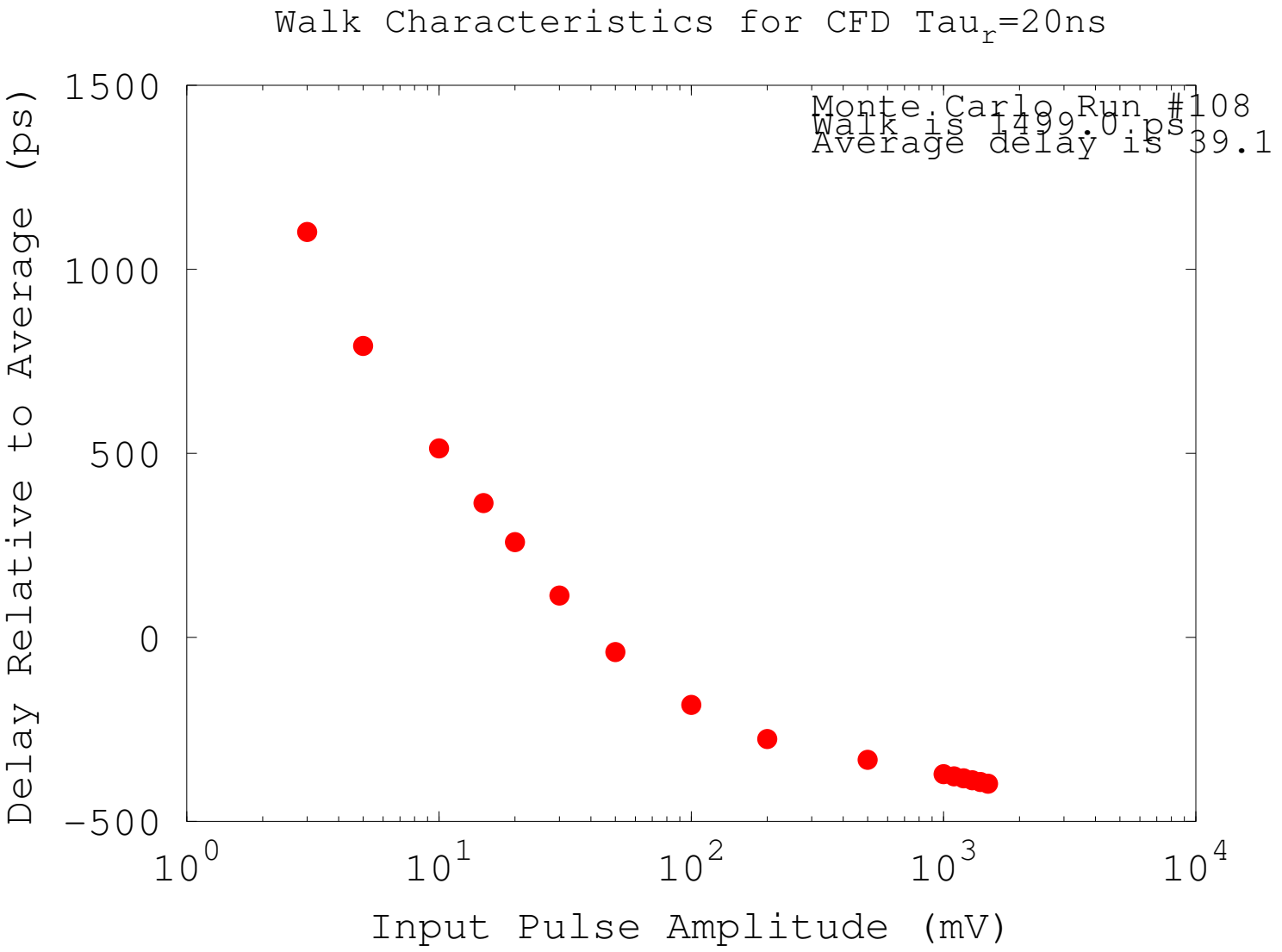

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #103
Walk is 1594.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

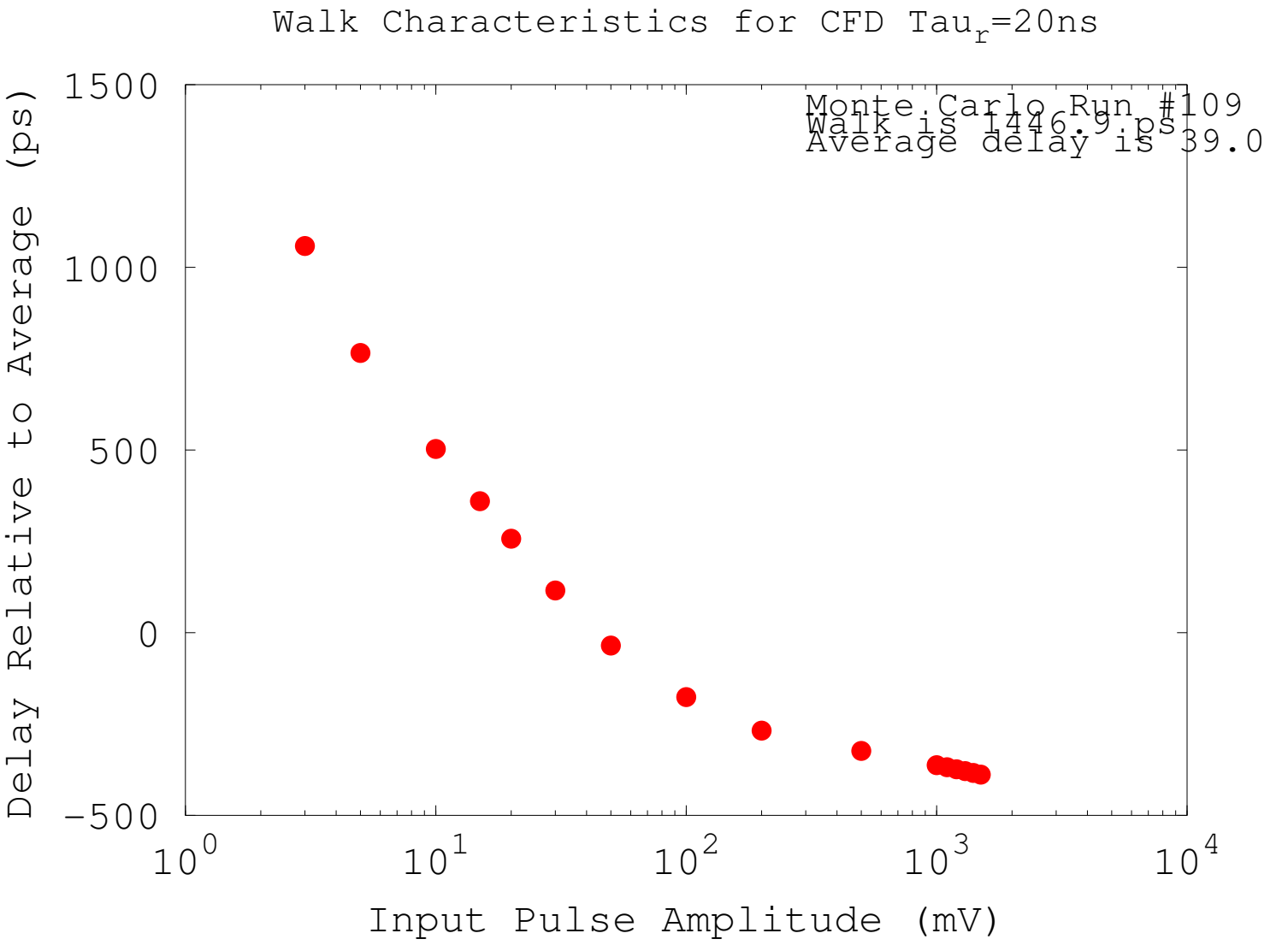

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #104
Walk is 1610.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

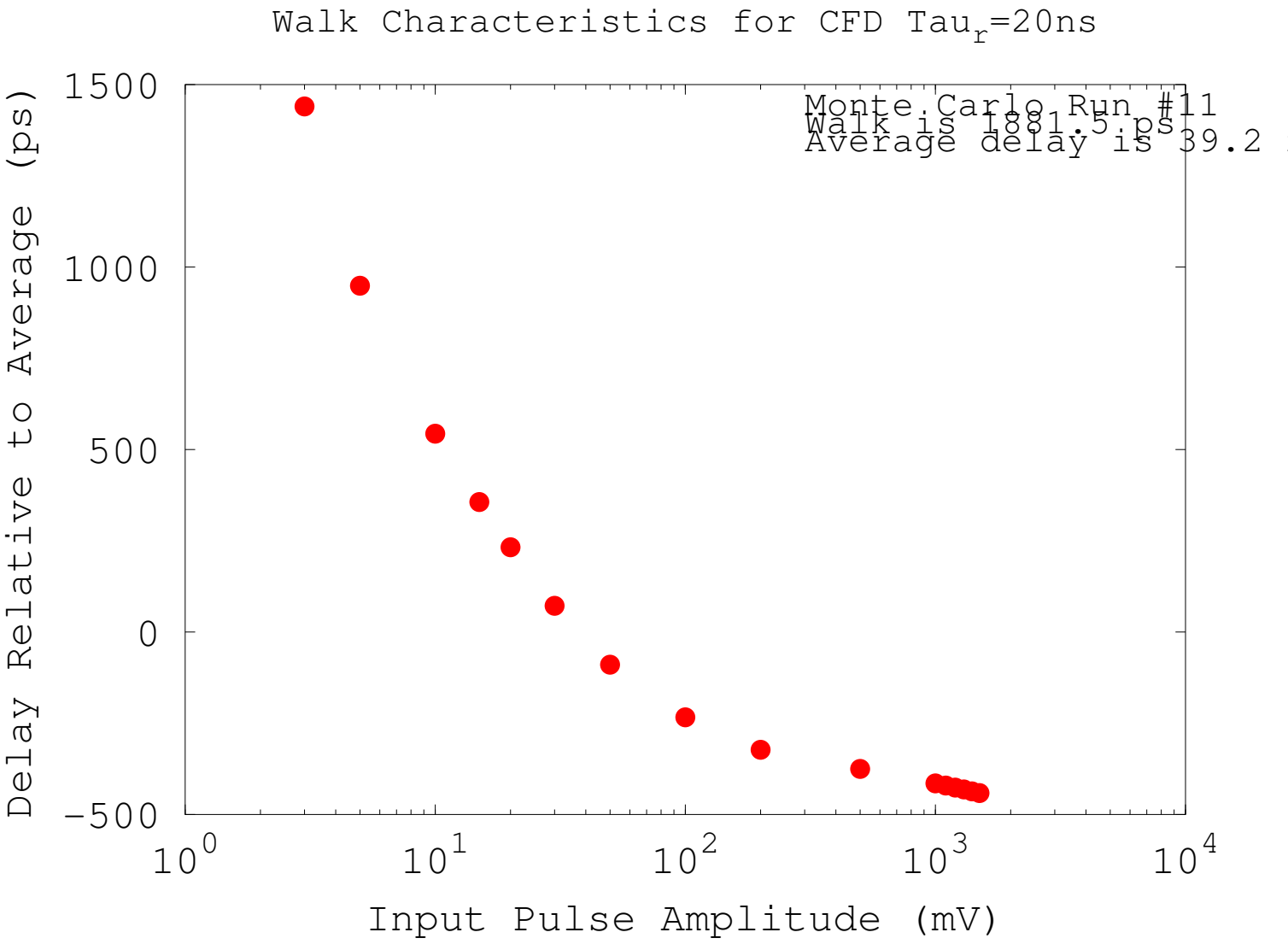

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #105
Walk is 1526.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

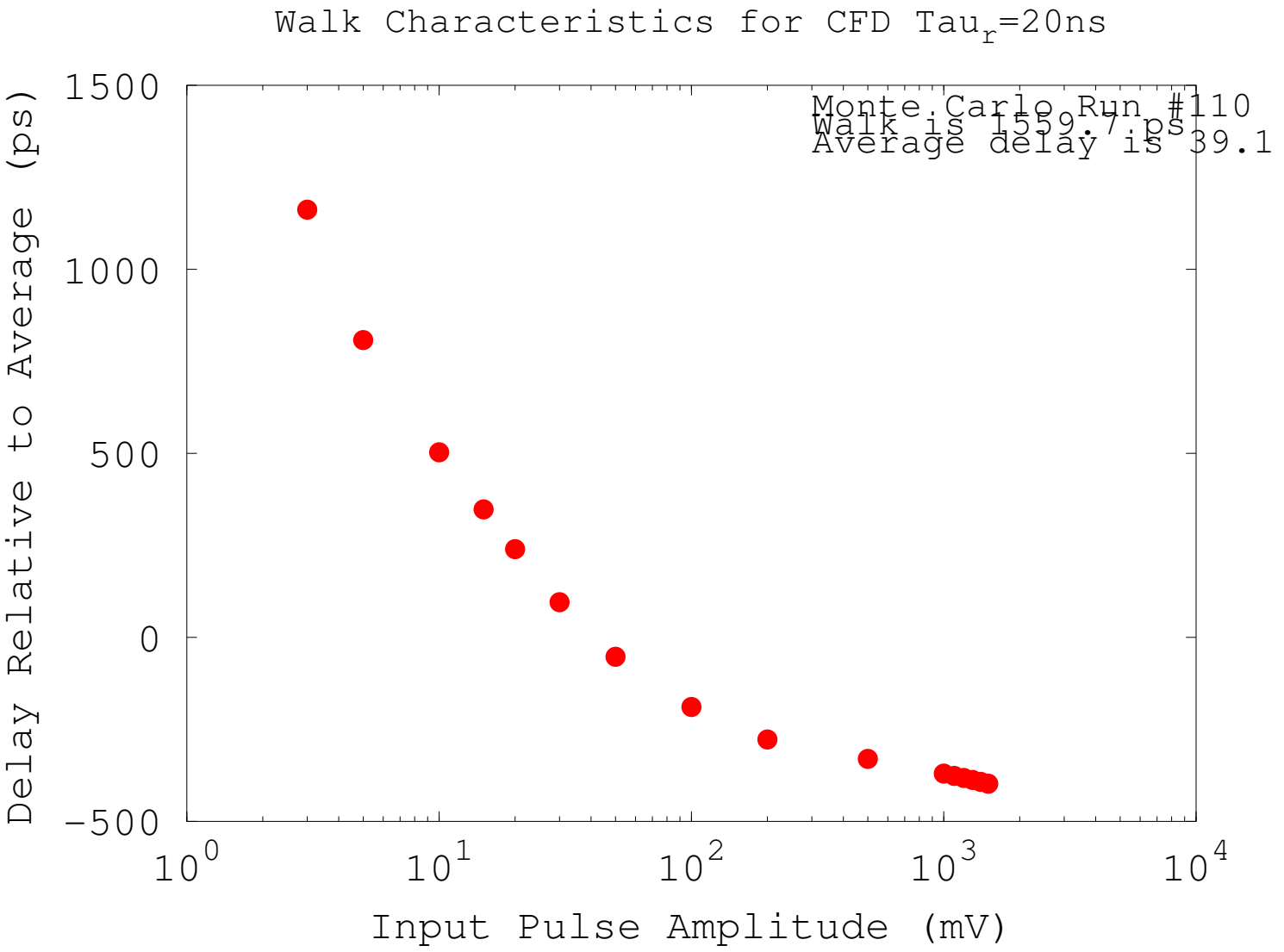

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #106
Walk is 1536.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

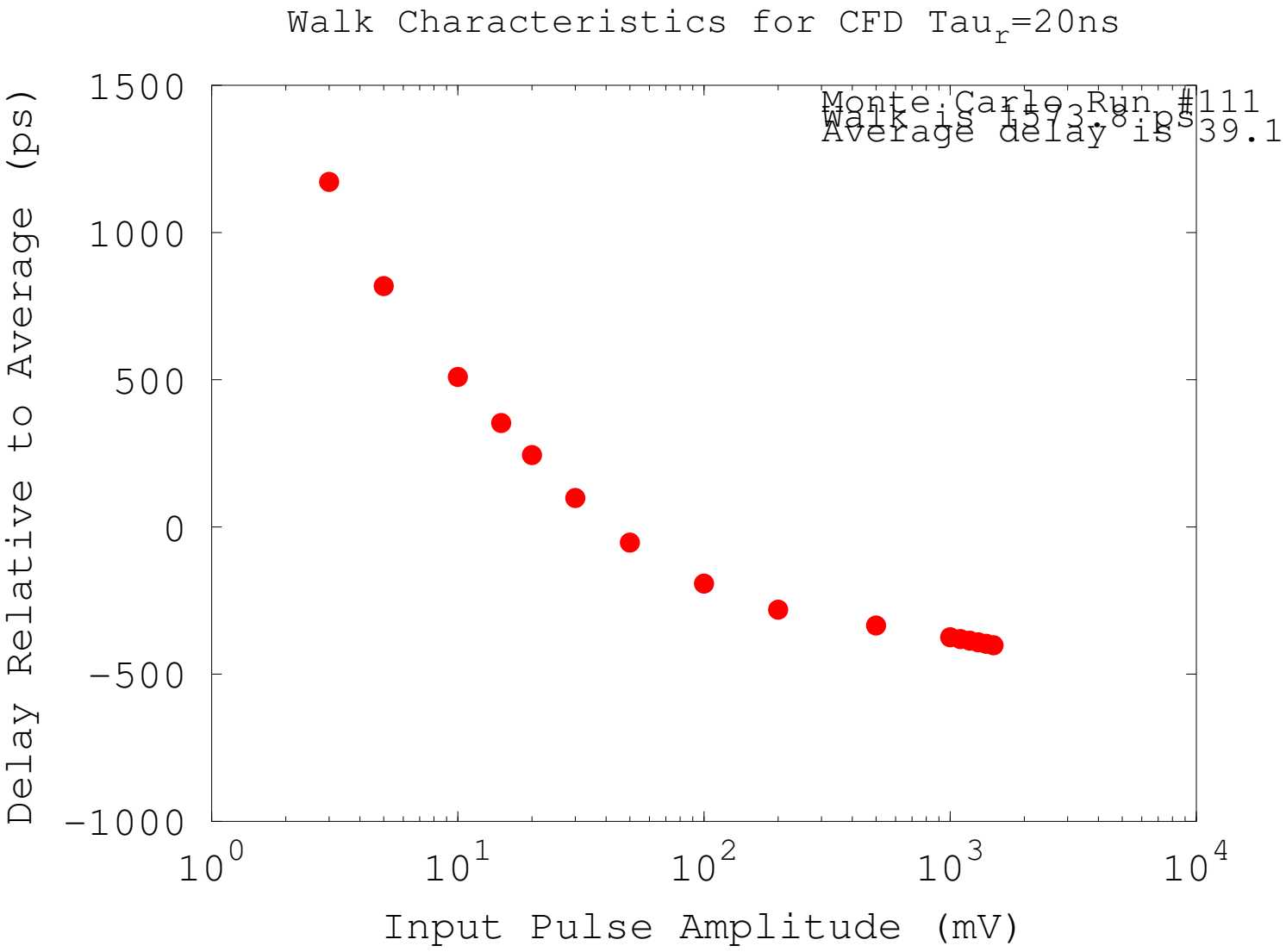

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #107
Walk is 1371.6 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

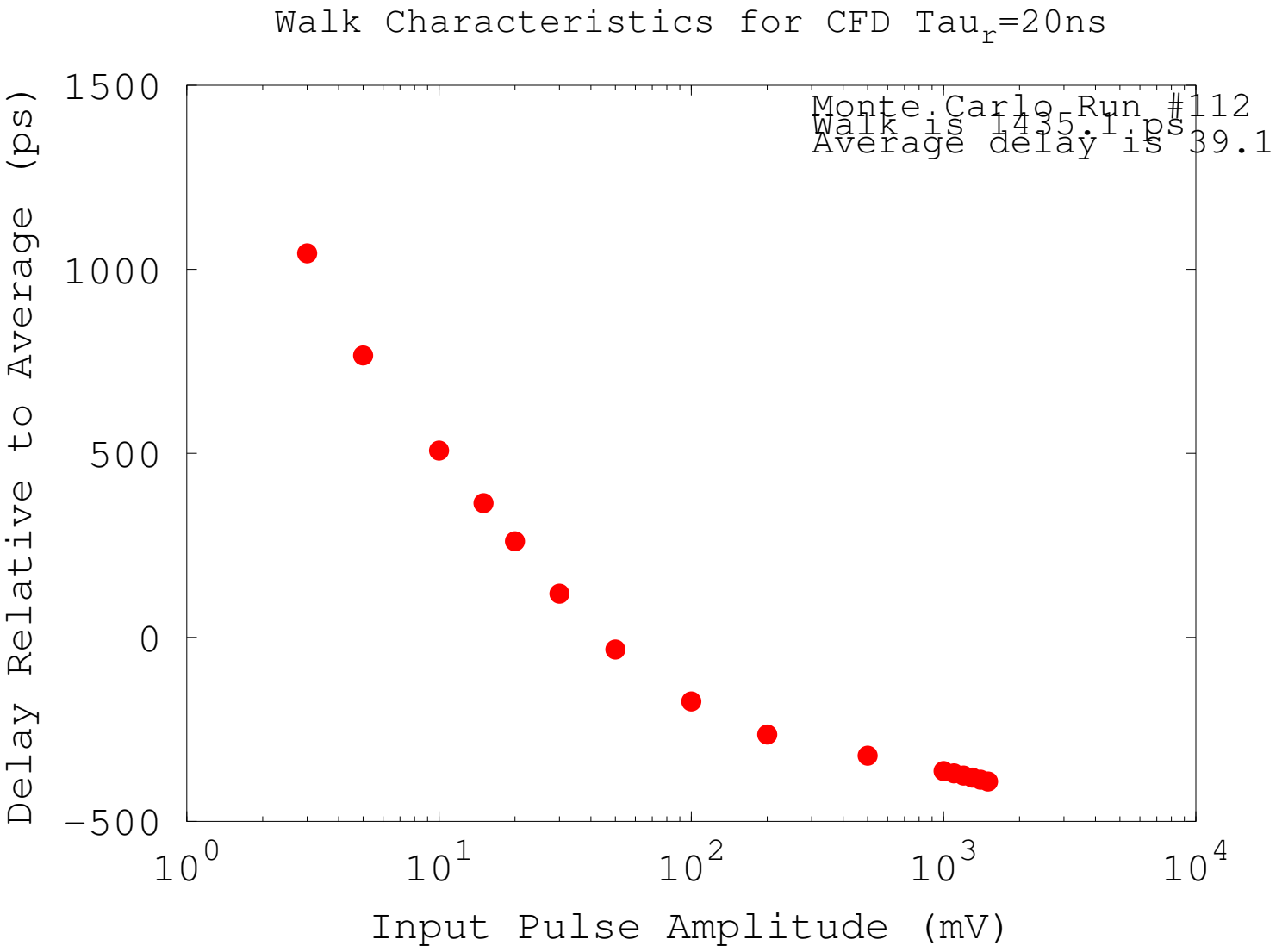

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #108
Walk is 1499.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

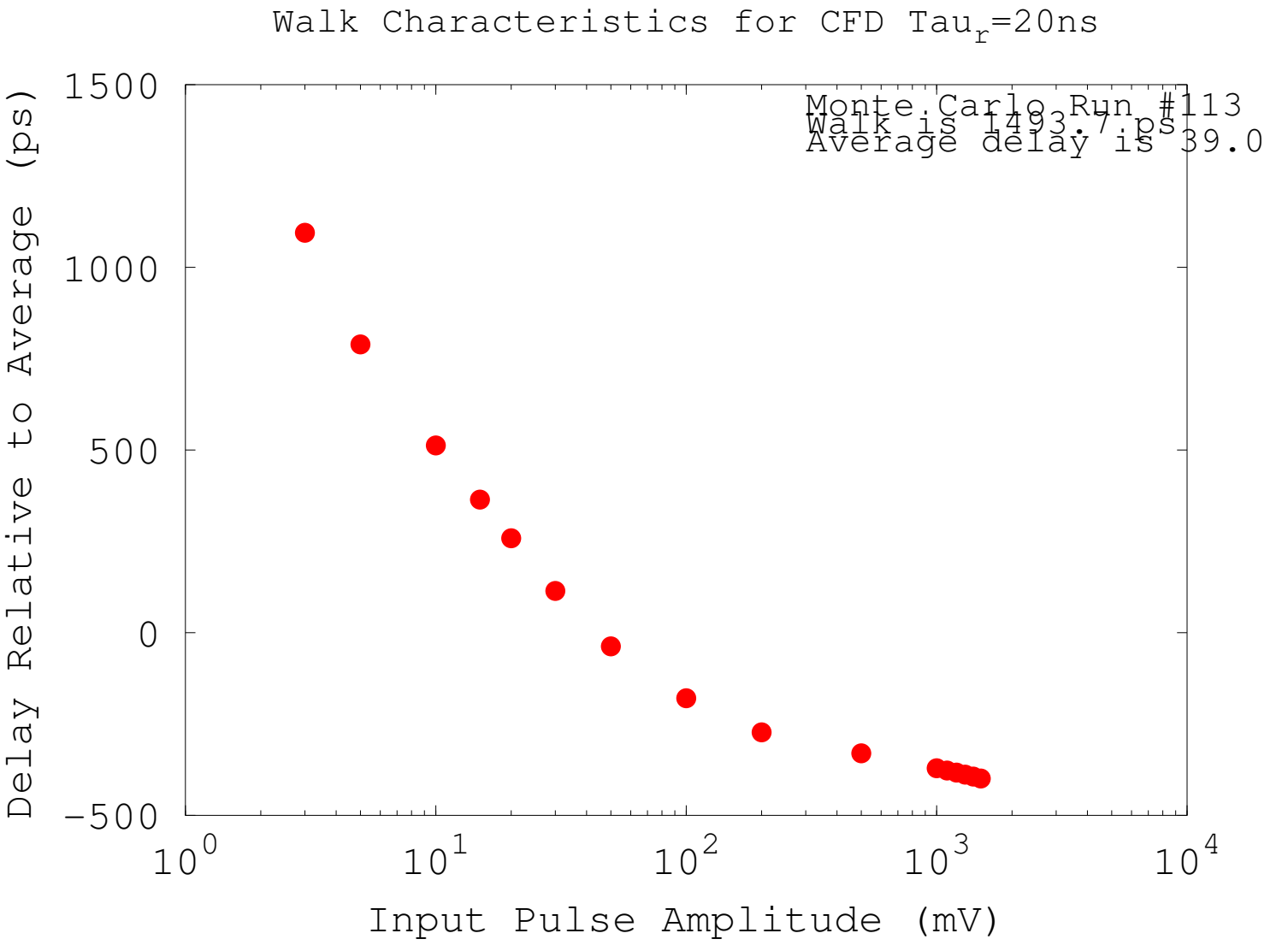

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #109
Walk is 1446.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

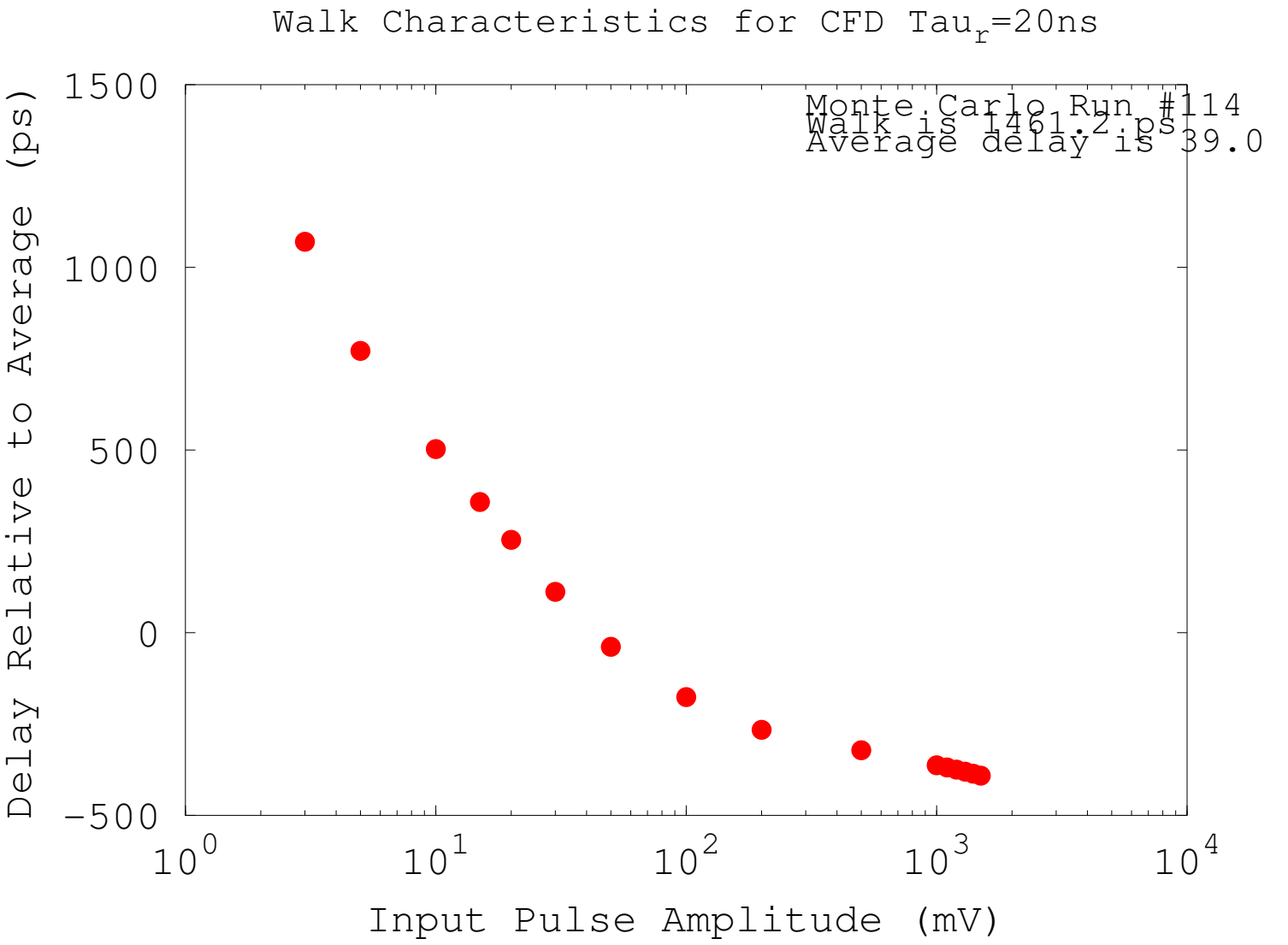

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #11
Walk is 1881.5 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

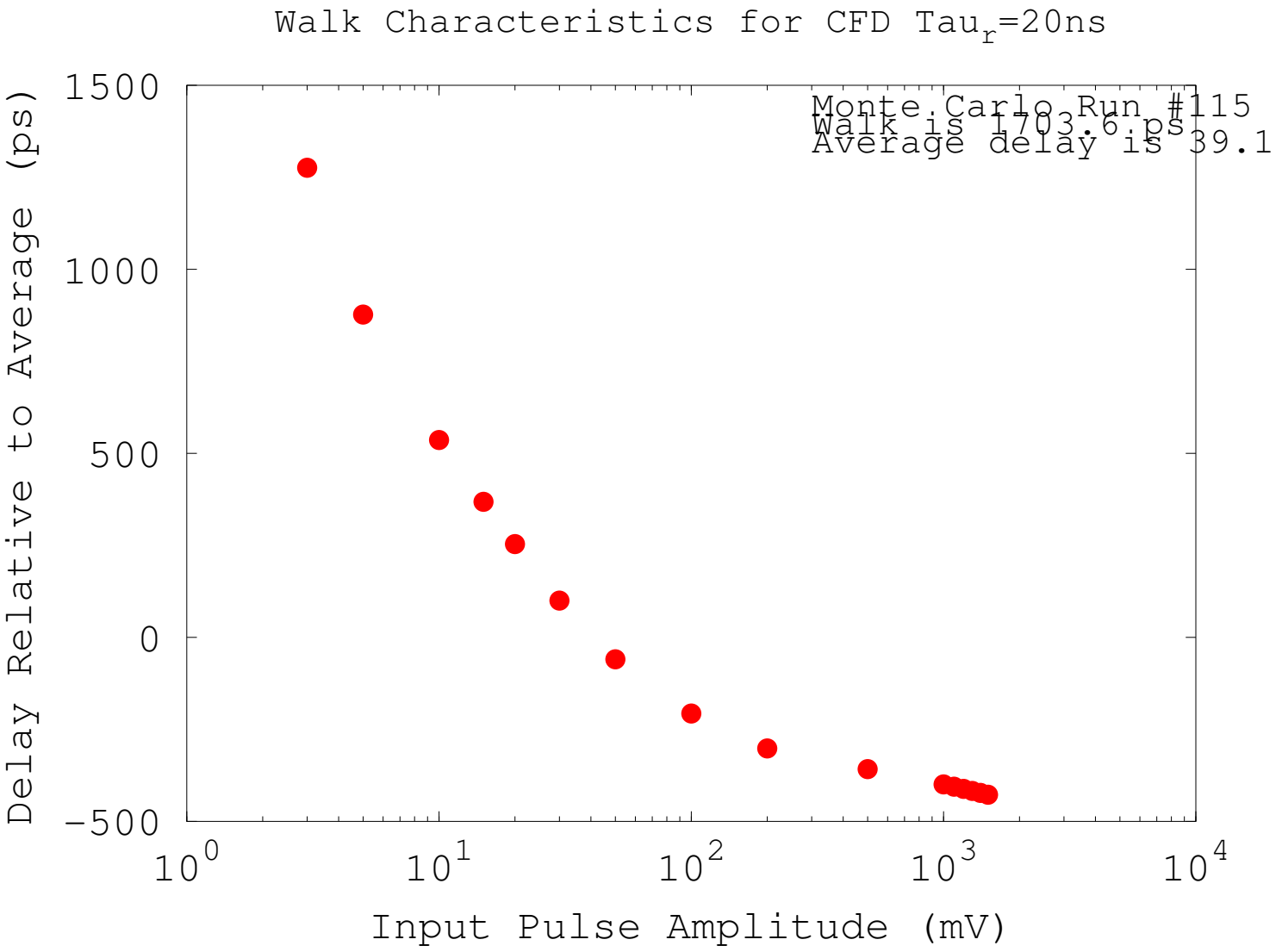

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #110
Walk is 1559.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

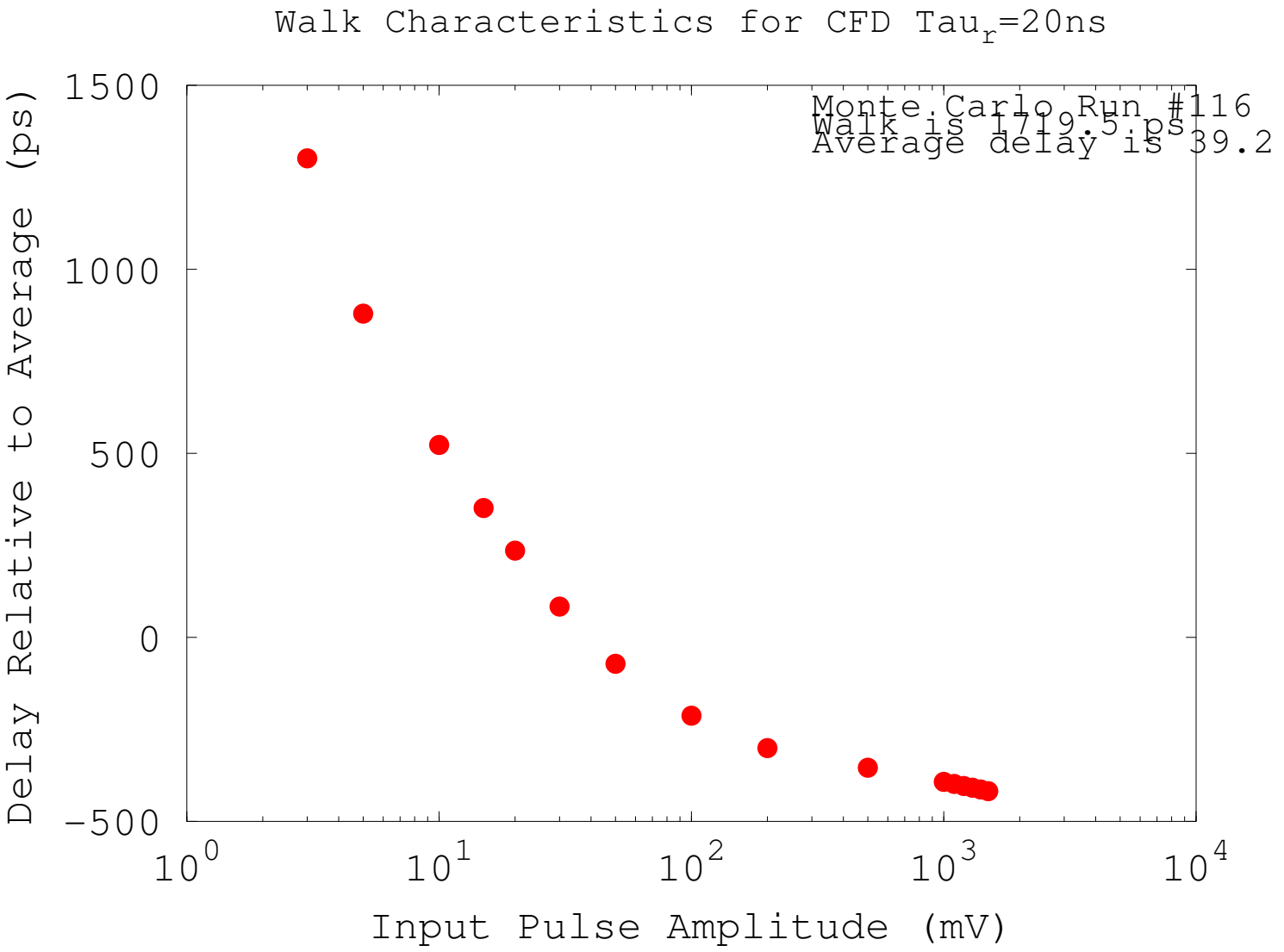

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #111
Walk is 1573.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

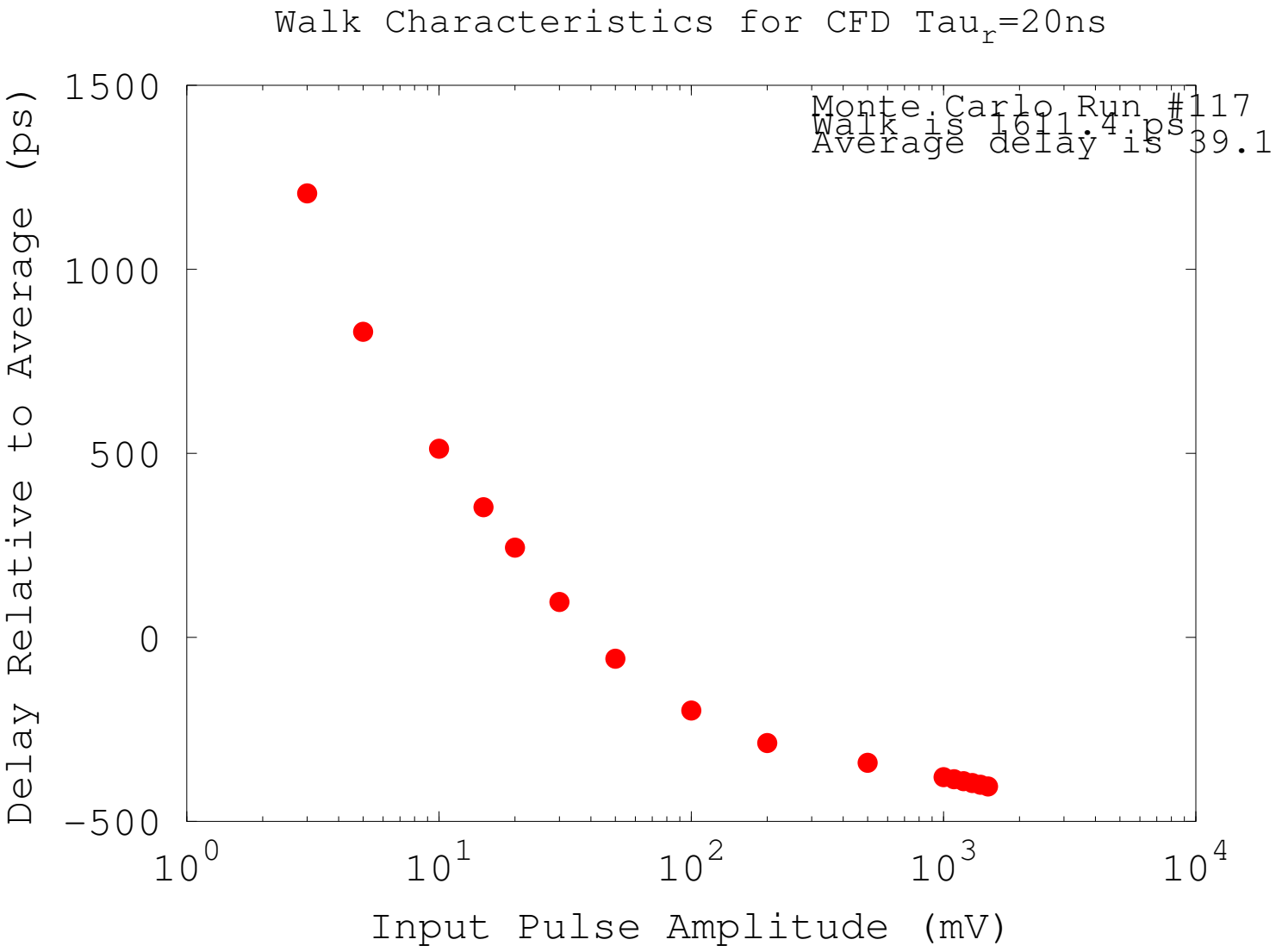

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #112
Walk is 1435.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

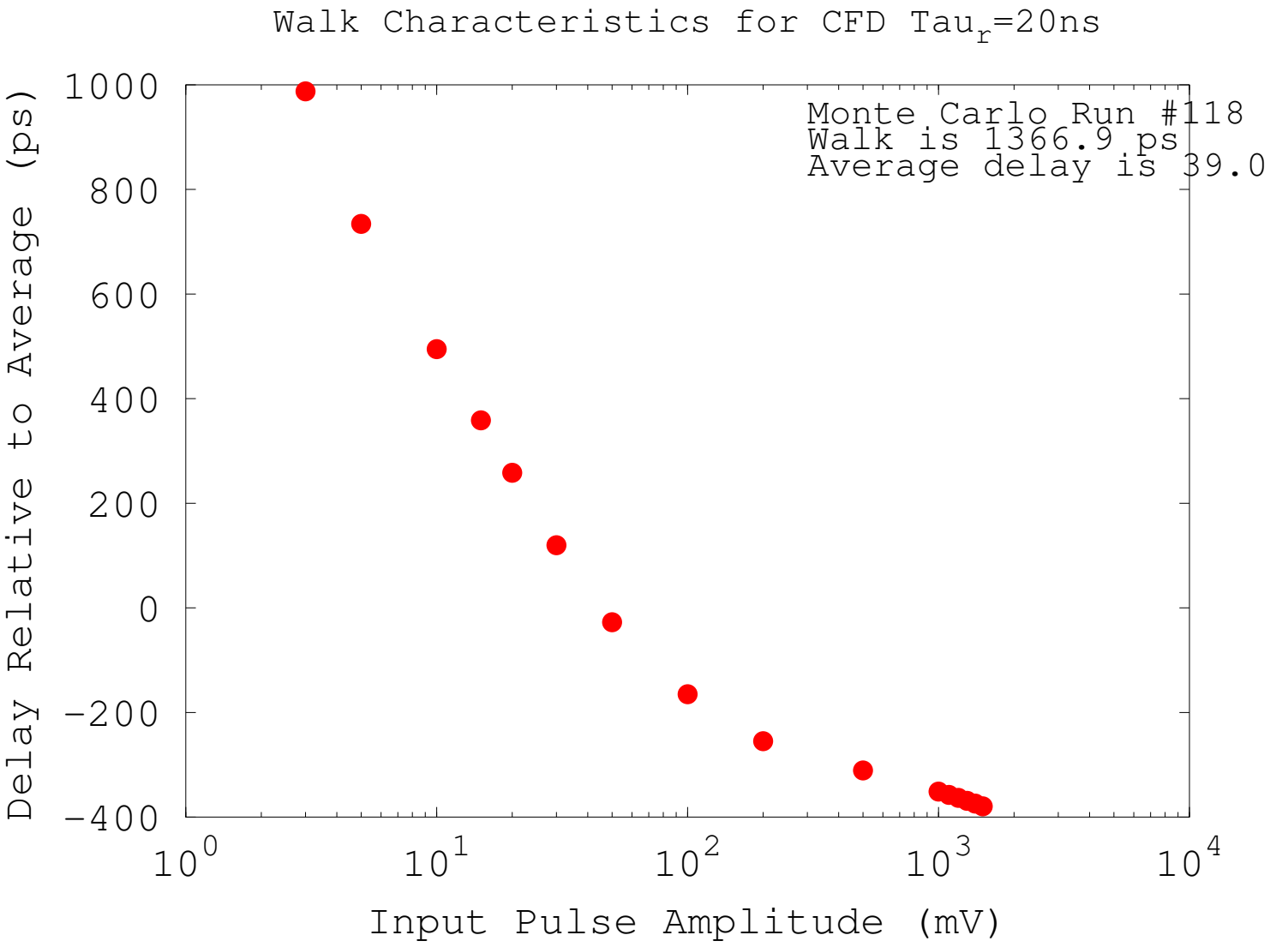

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #113
Walk is 1493.7 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

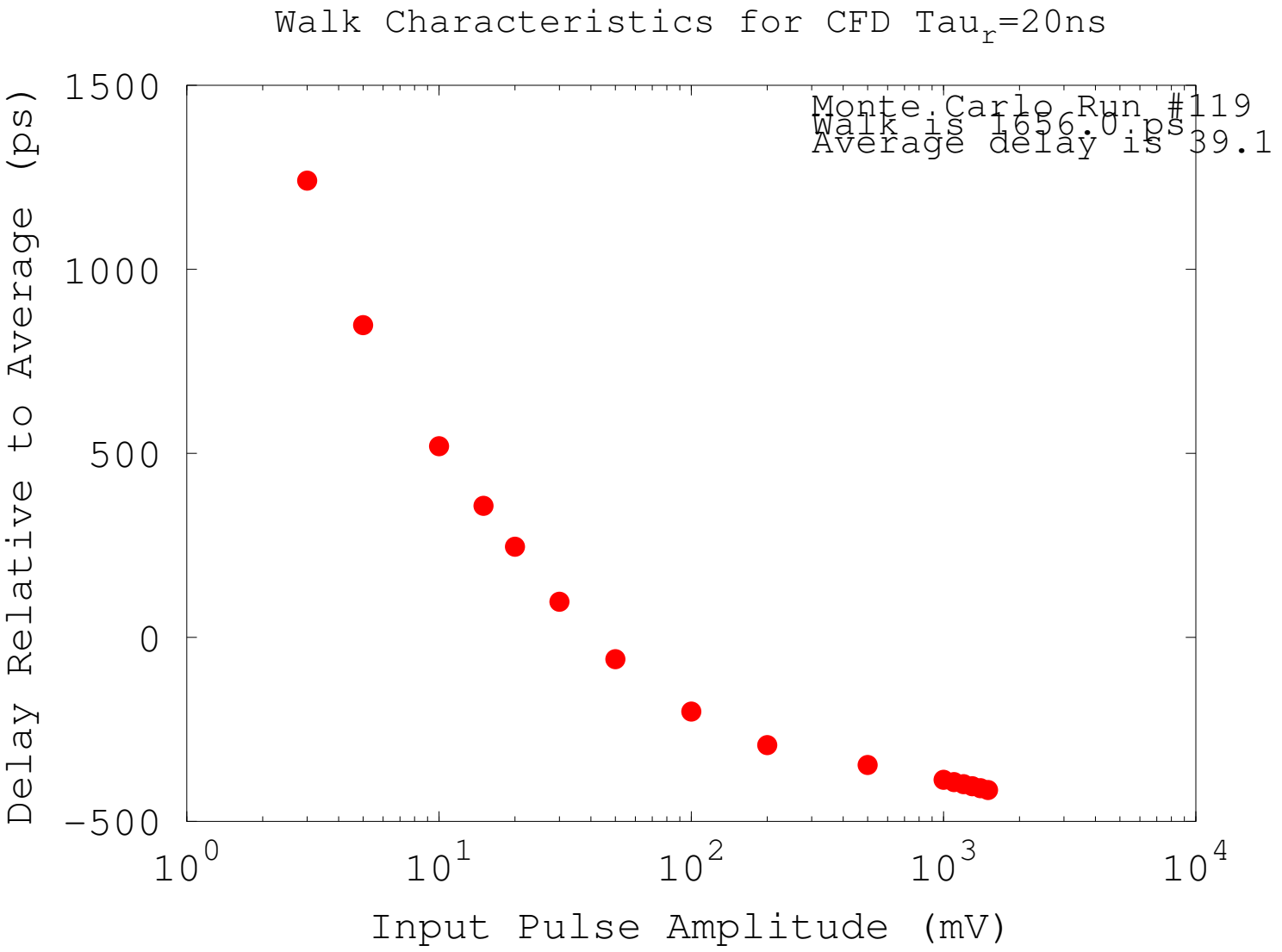

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #114
Walk is 1461.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

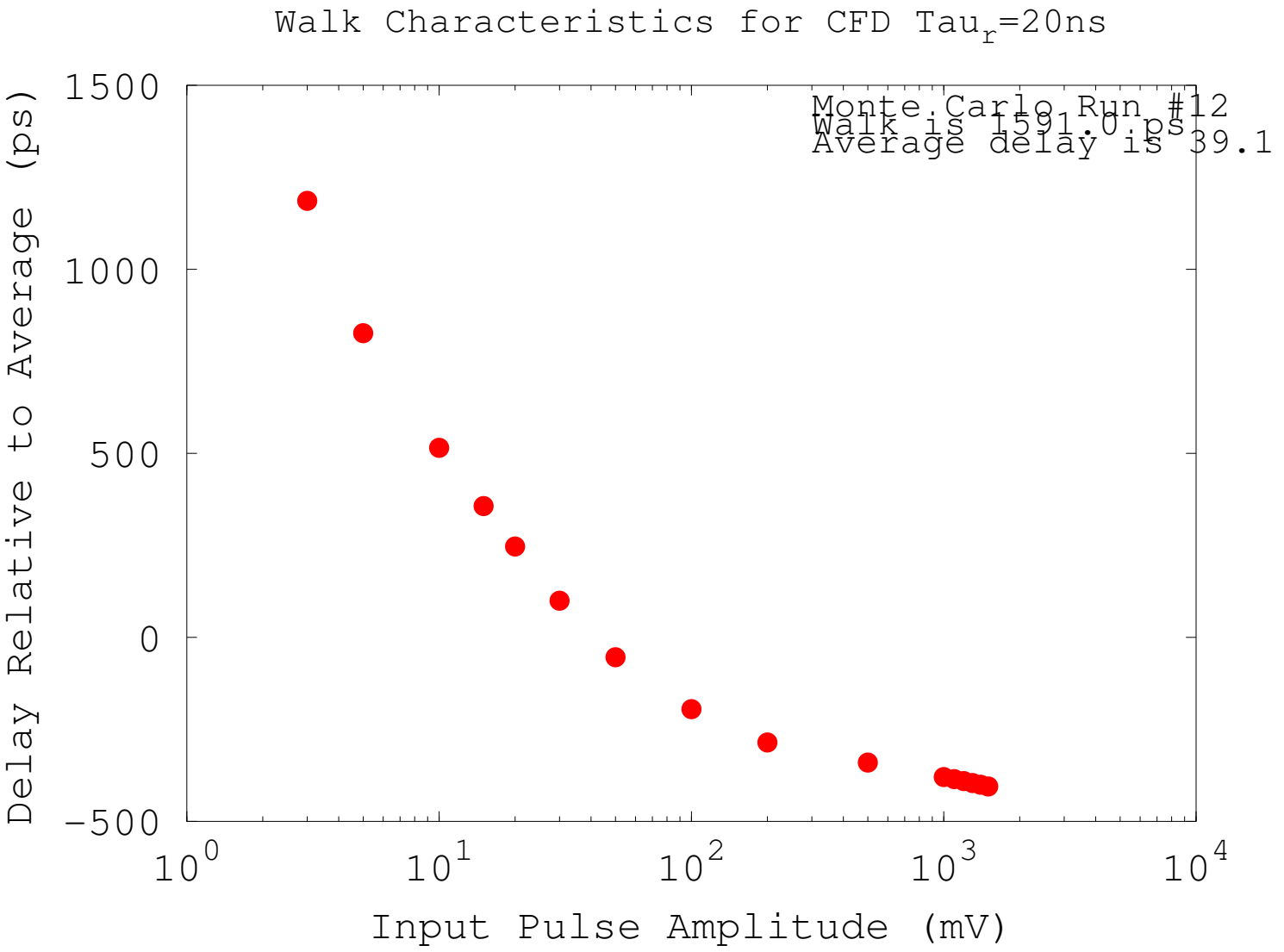

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #115
Walk is 1703.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

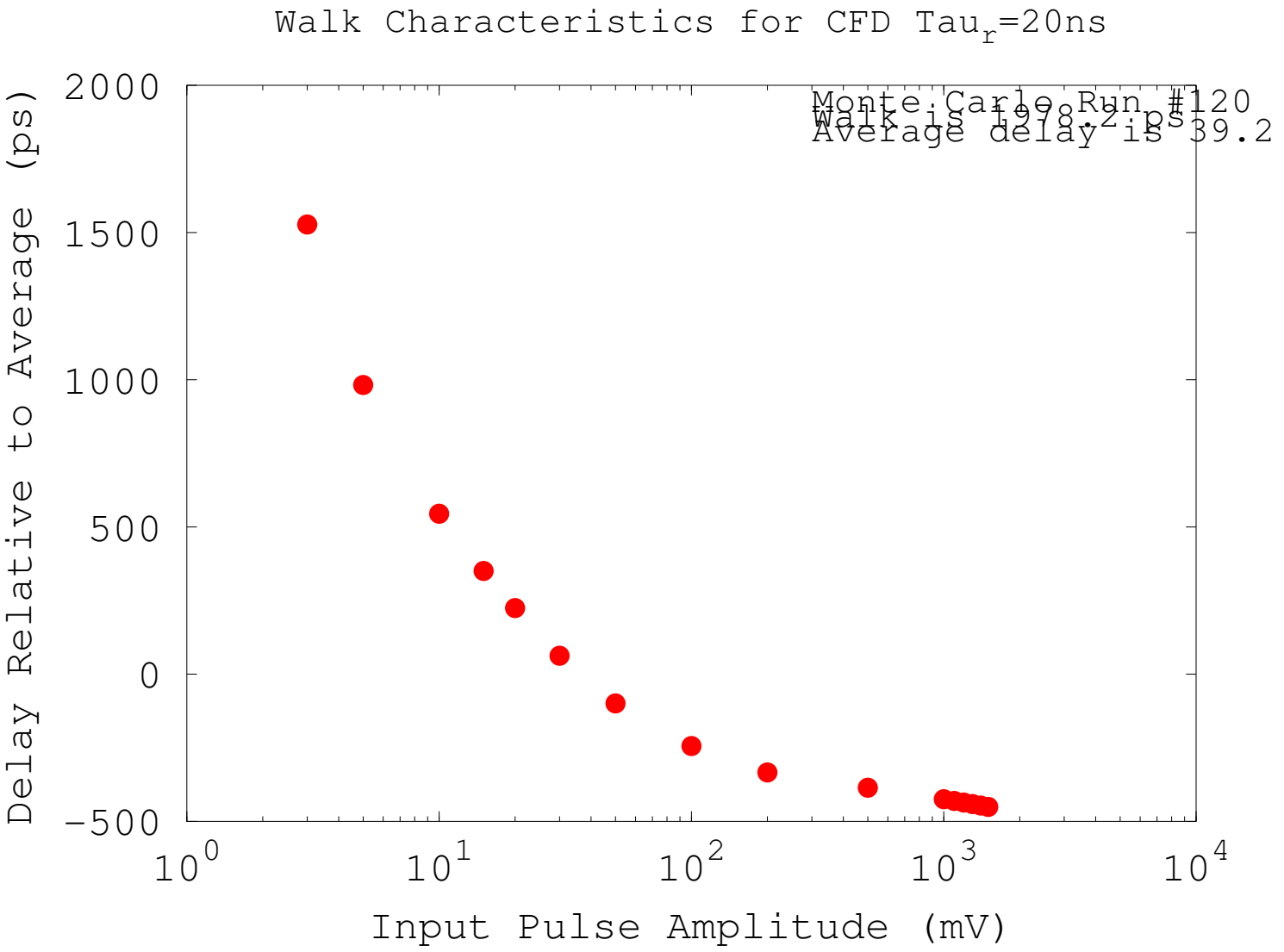

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #116
Walk is 1719.5 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

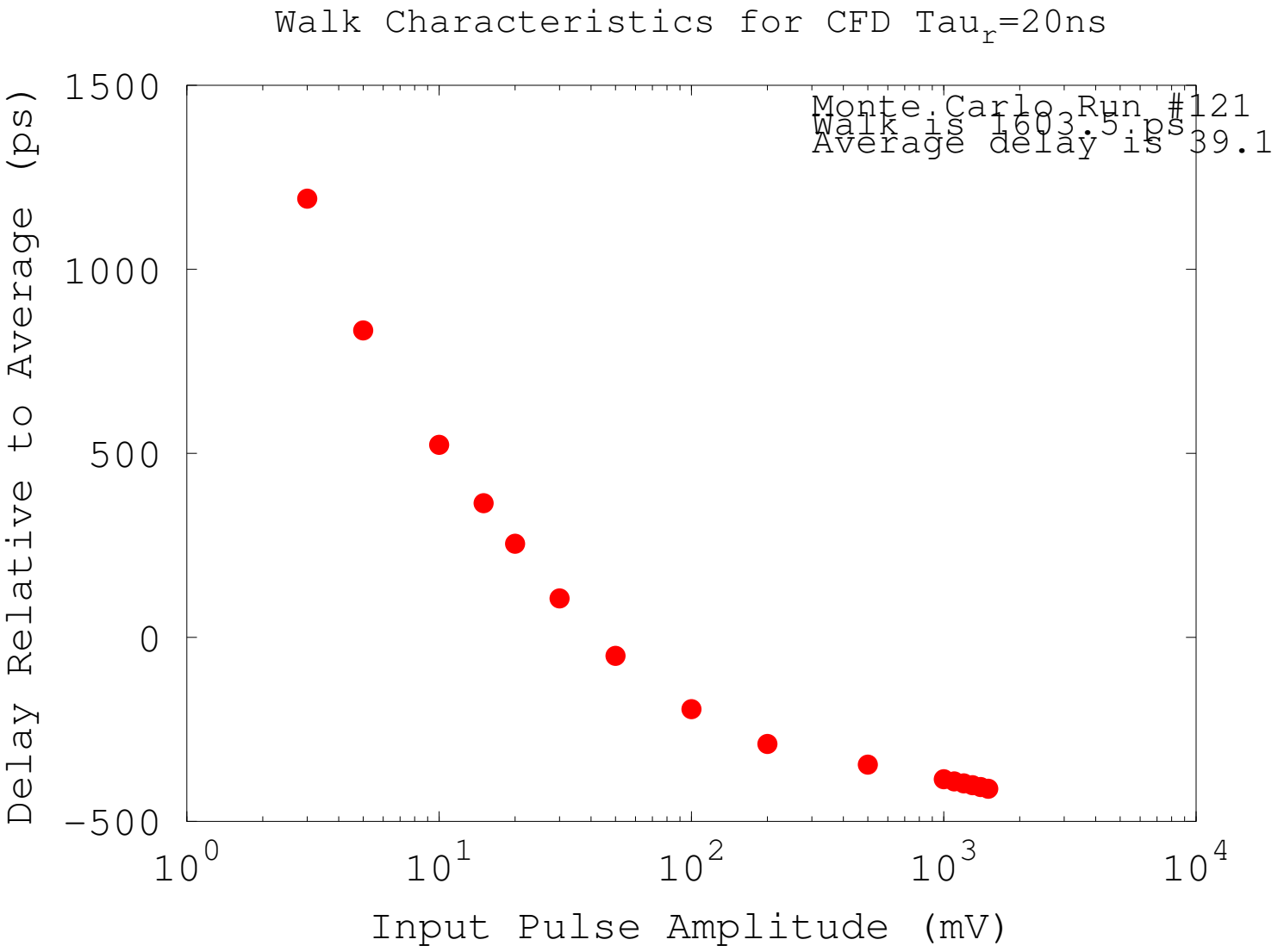

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #117
Walk is 1611.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

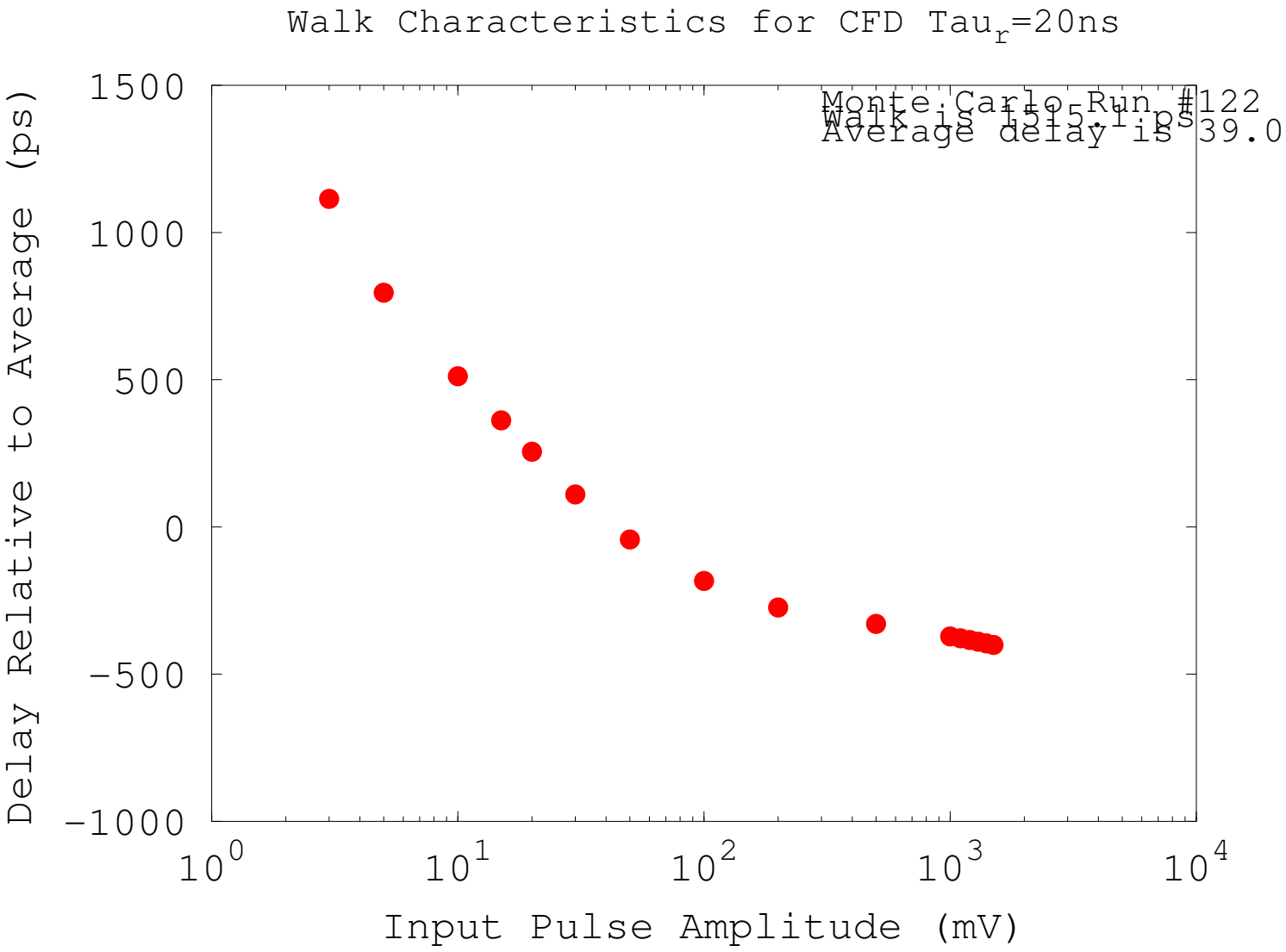

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #118
Walk is 1366.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

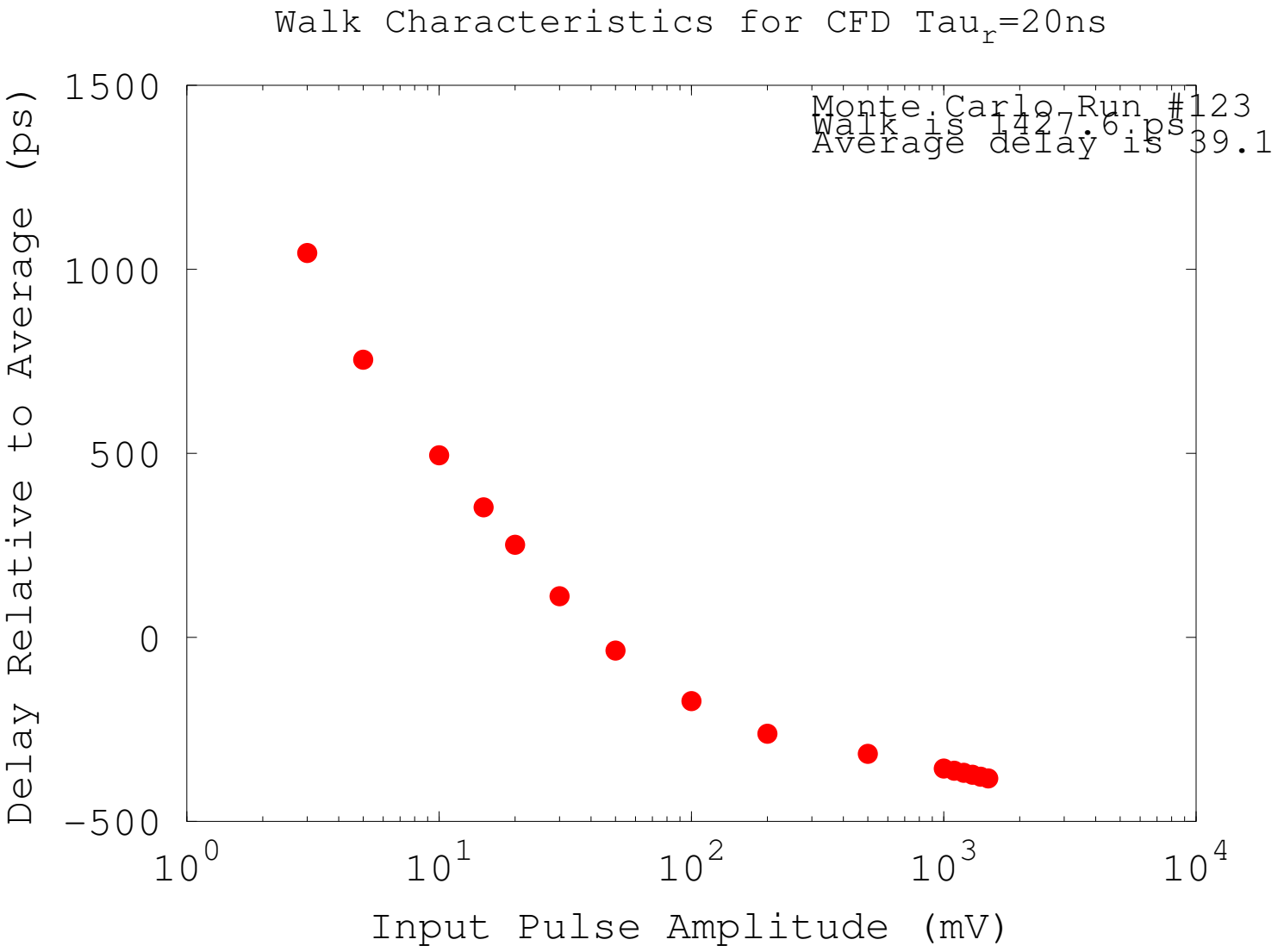

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #119
Walk is 1656.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

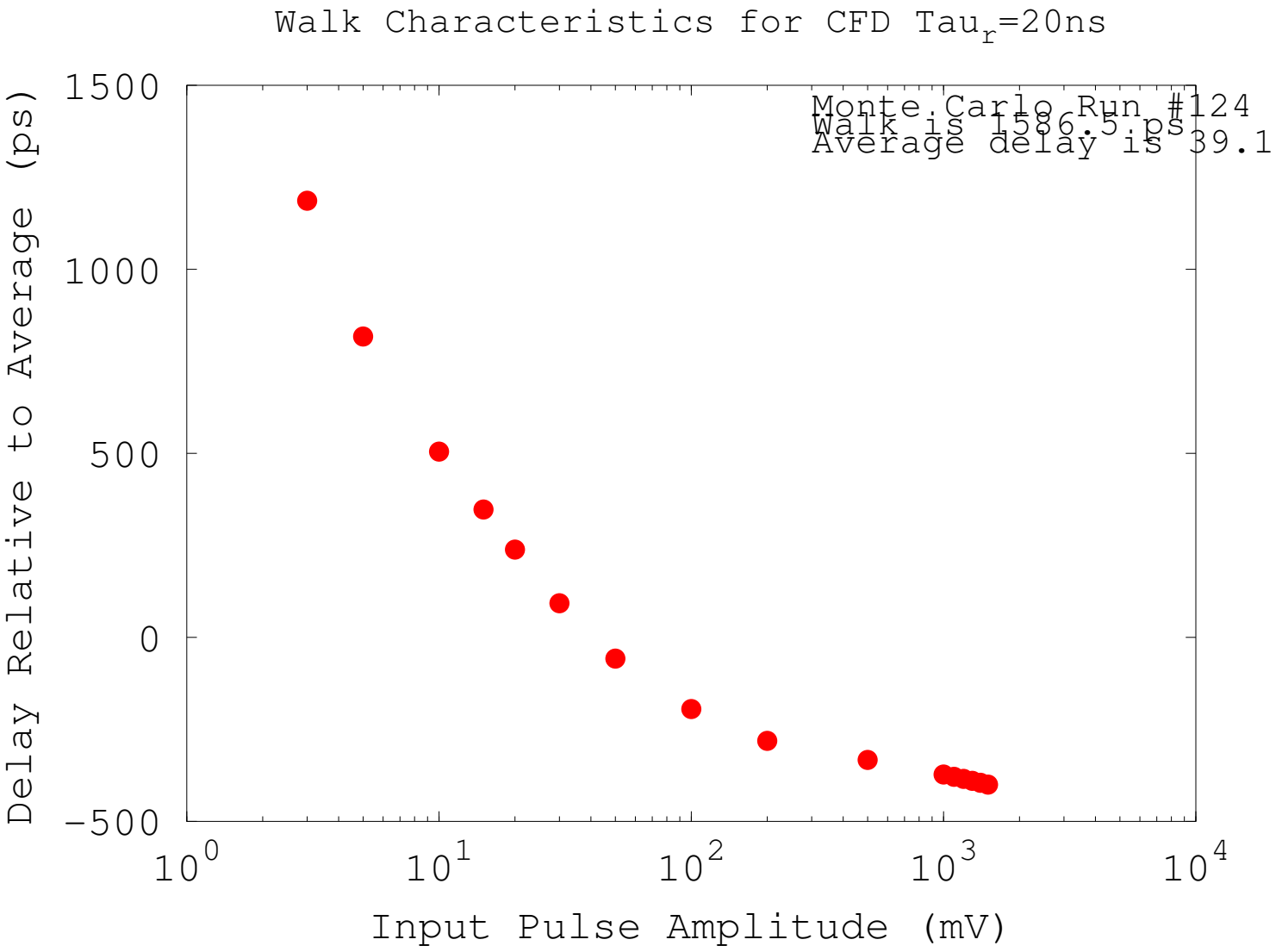

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #12
Walk is 1591.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

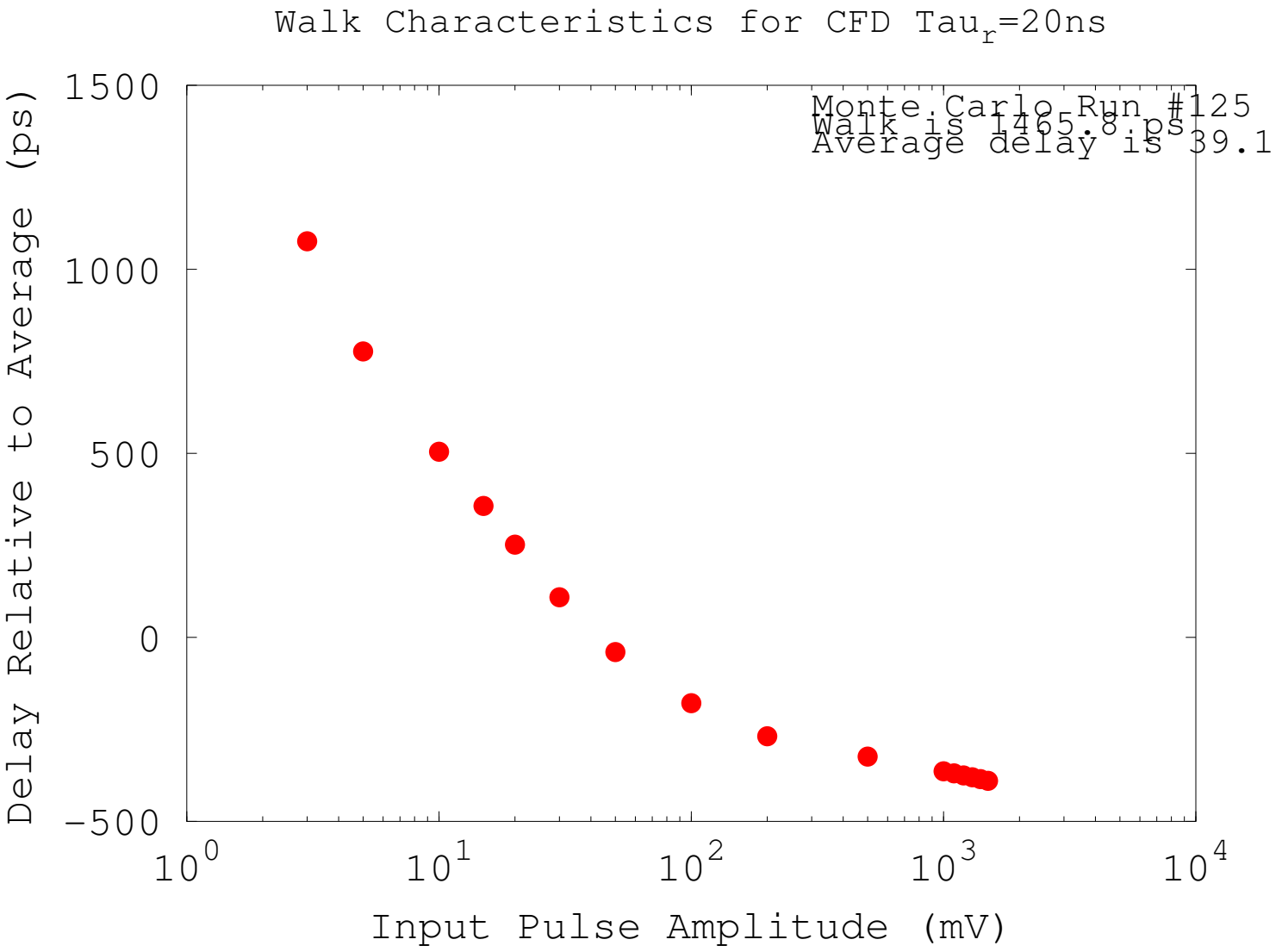

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #120
Walk is 1978.2 ps
Average delay is 39.2
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

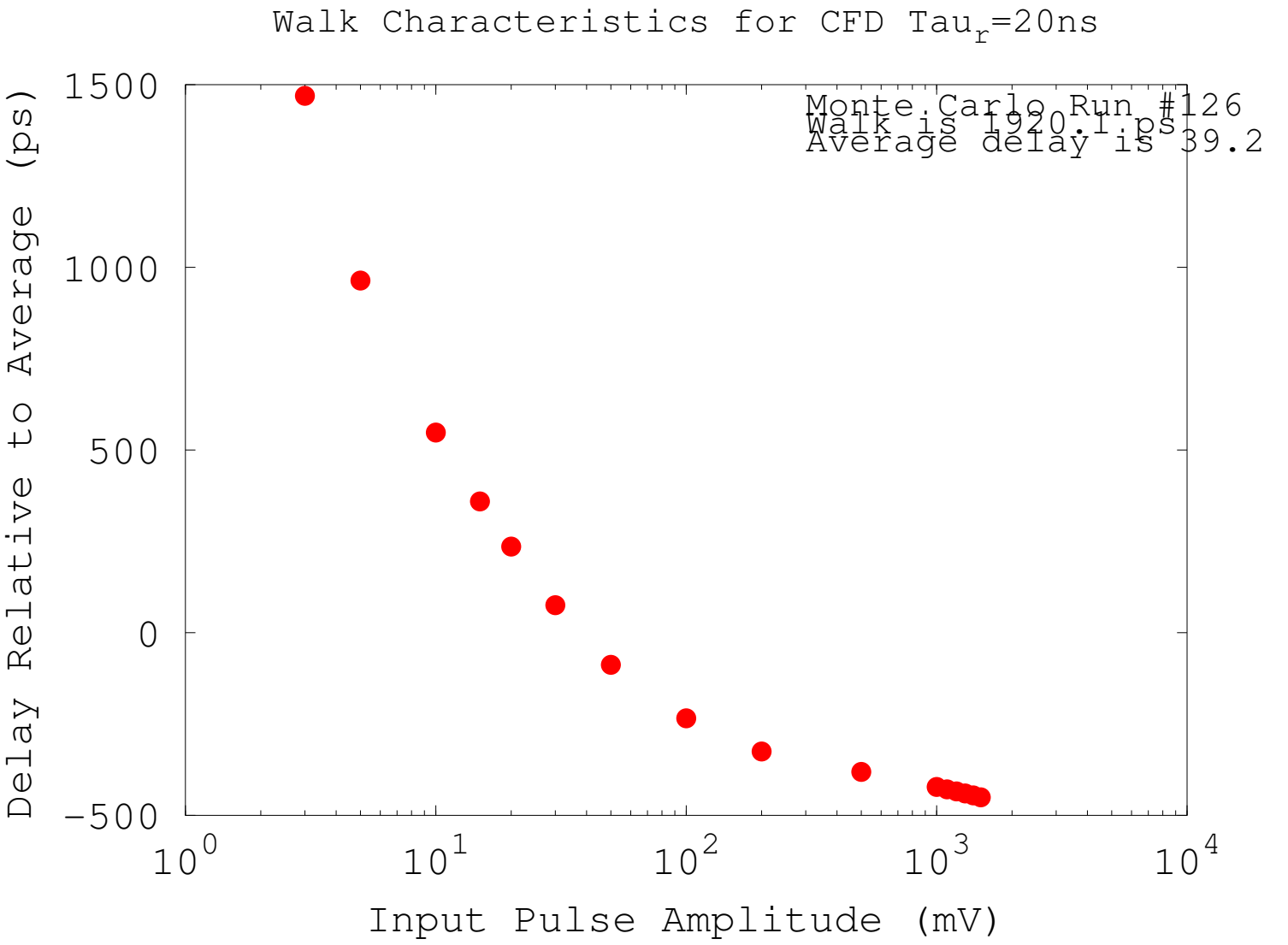

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #121
Walk is 1603.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

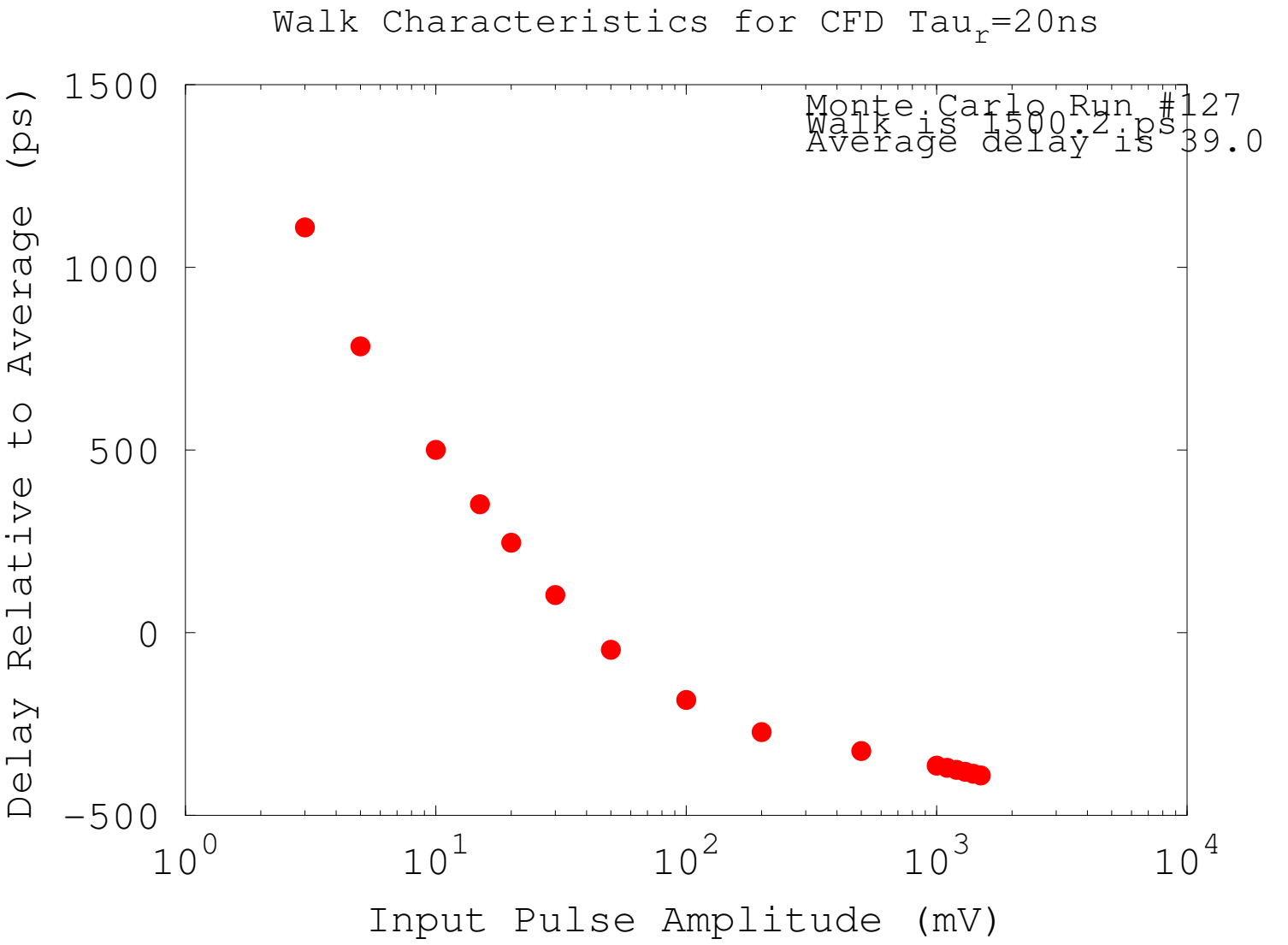

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #122
Walk is 1515.1 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

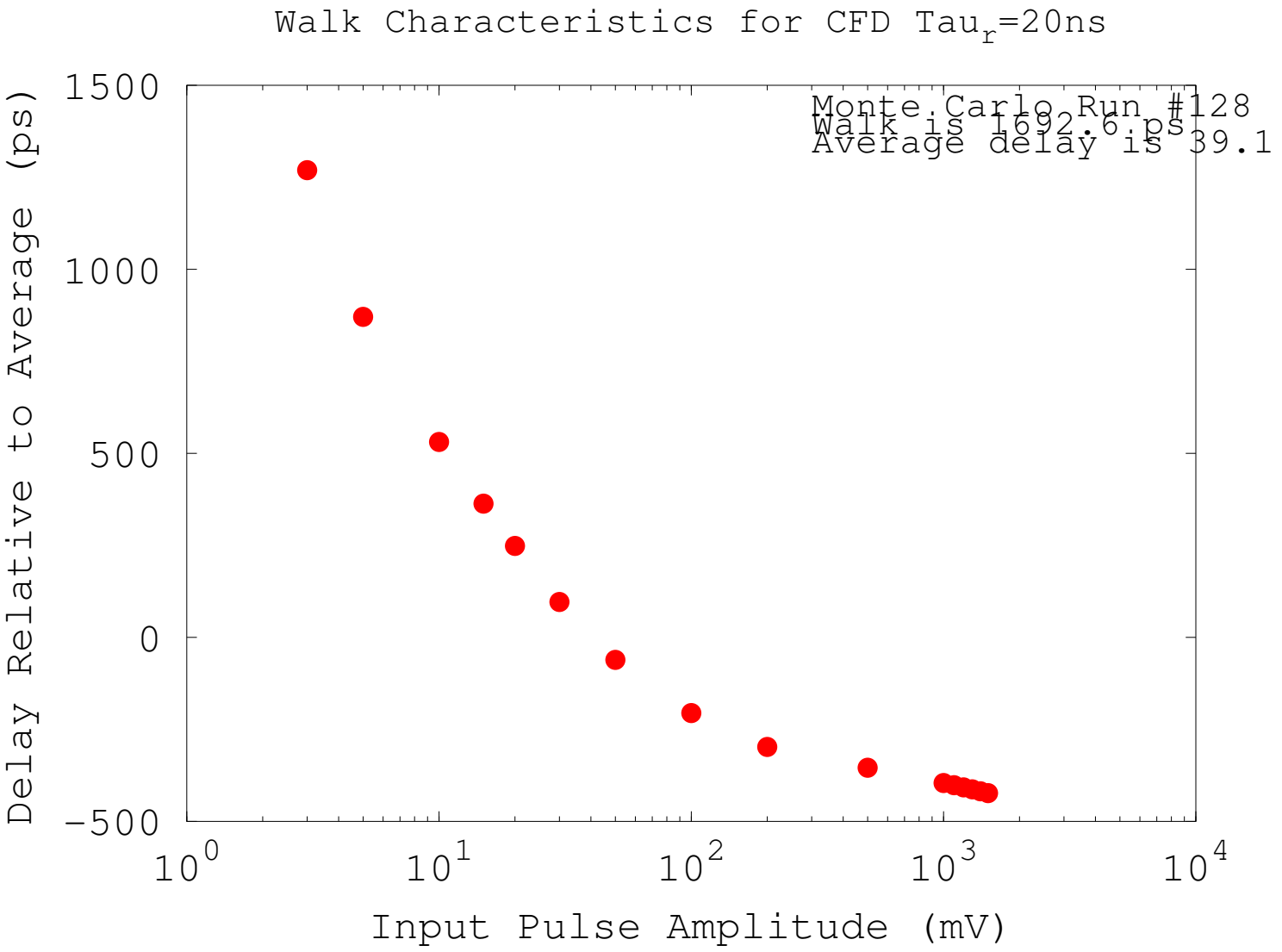

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #123
Walk is 1427.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

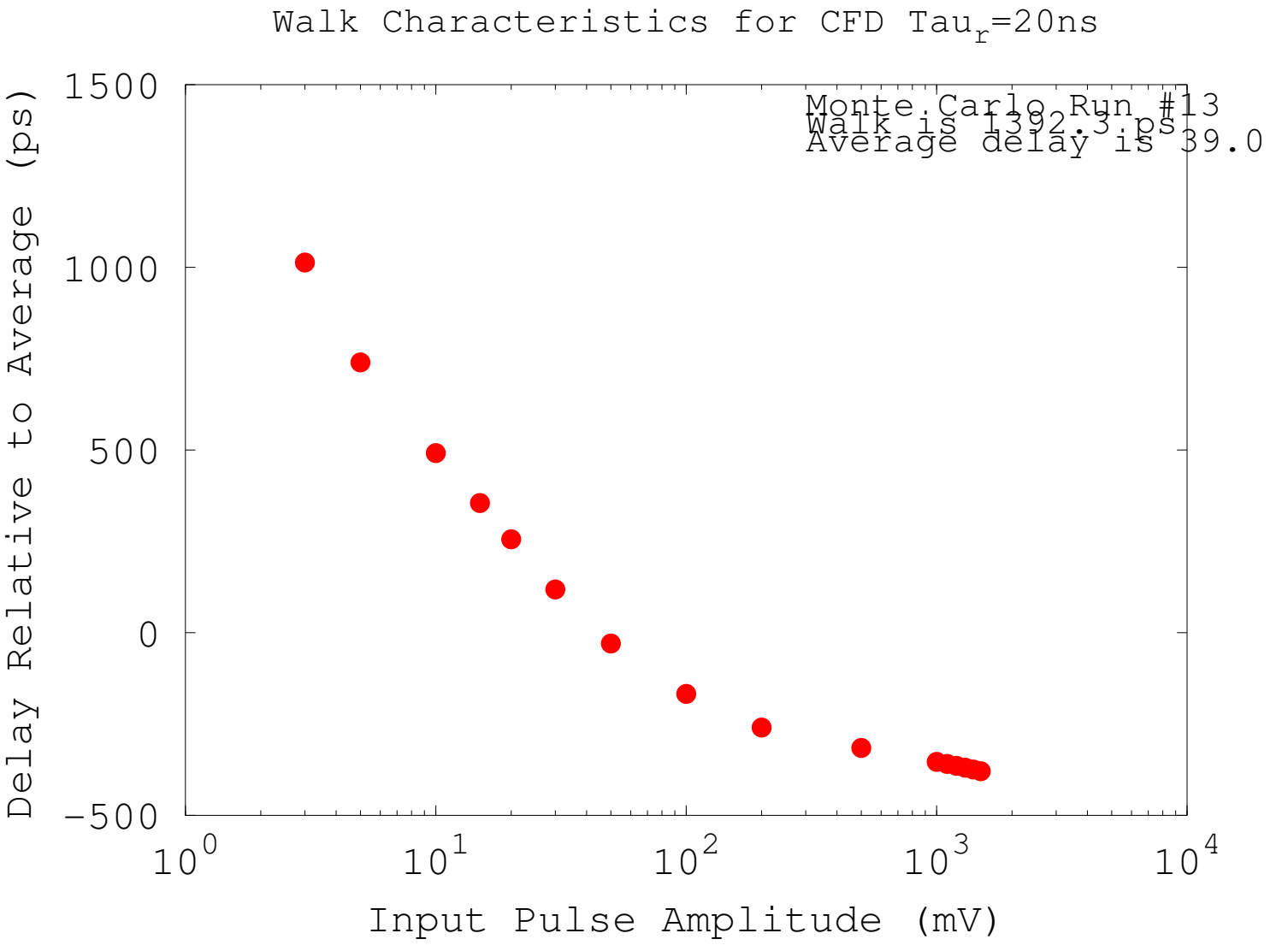

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #124
Walk is 1586.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

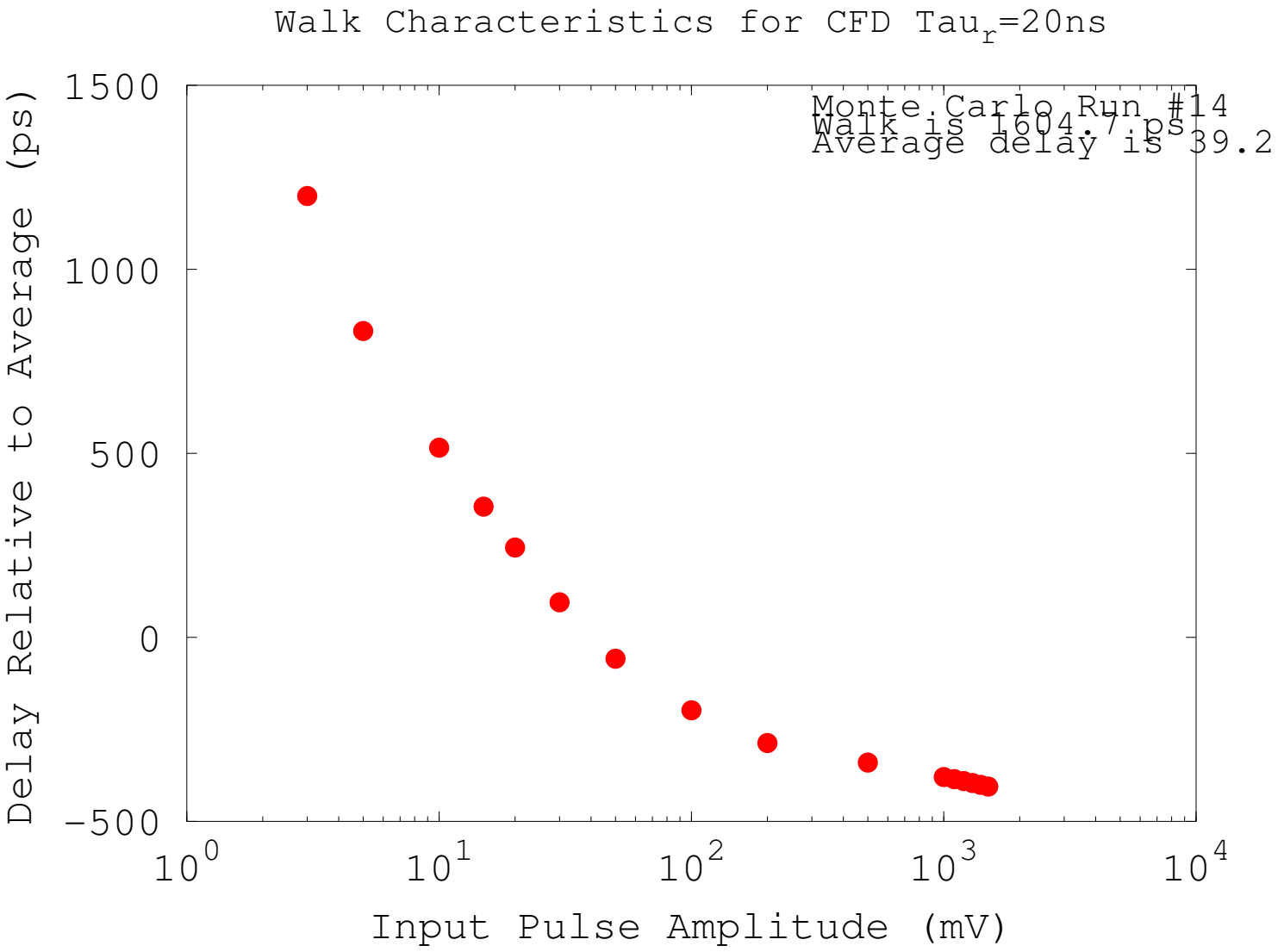

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #125
Walk is 1465.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

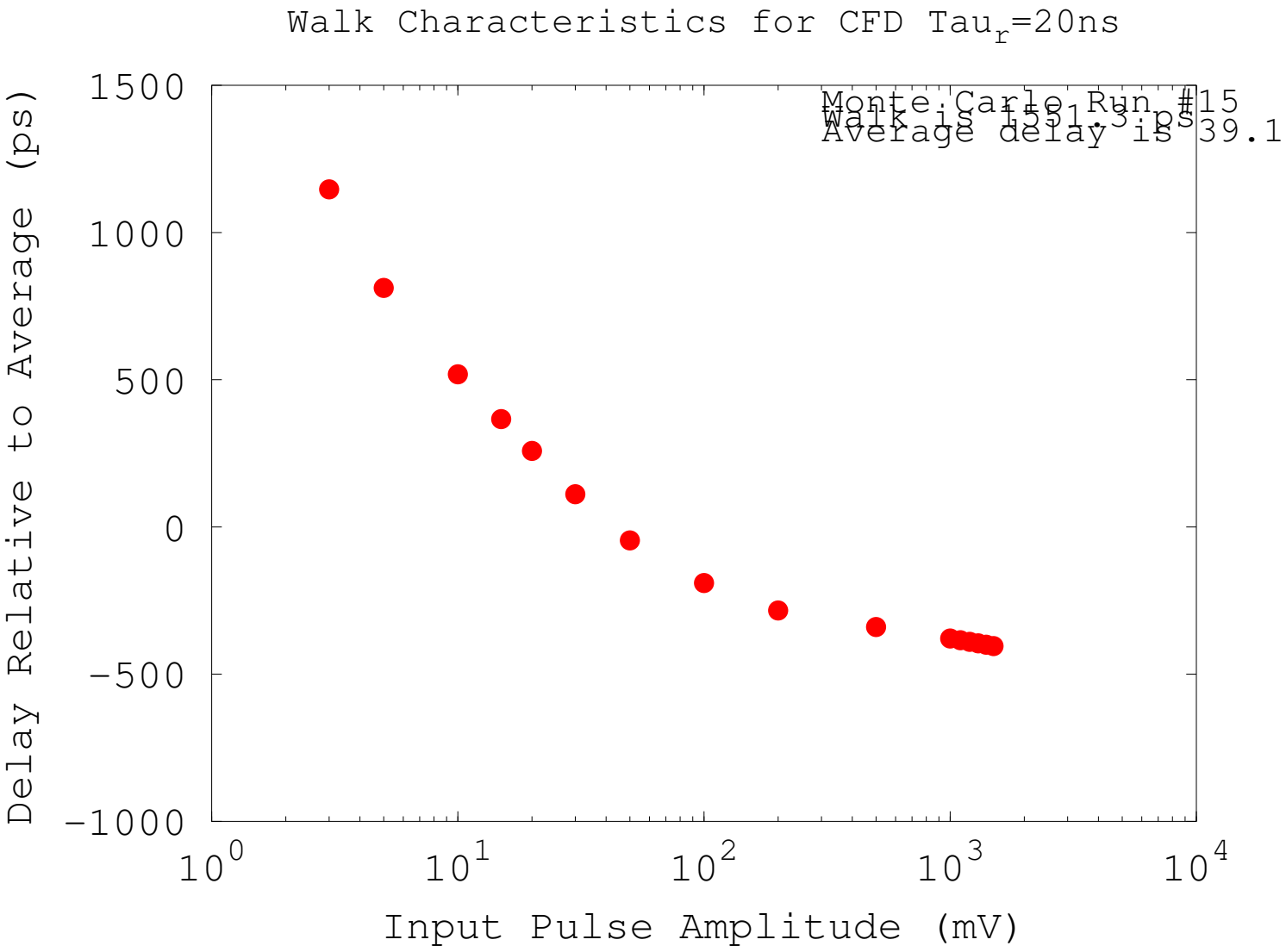

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #126
Walk is 1920.1 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

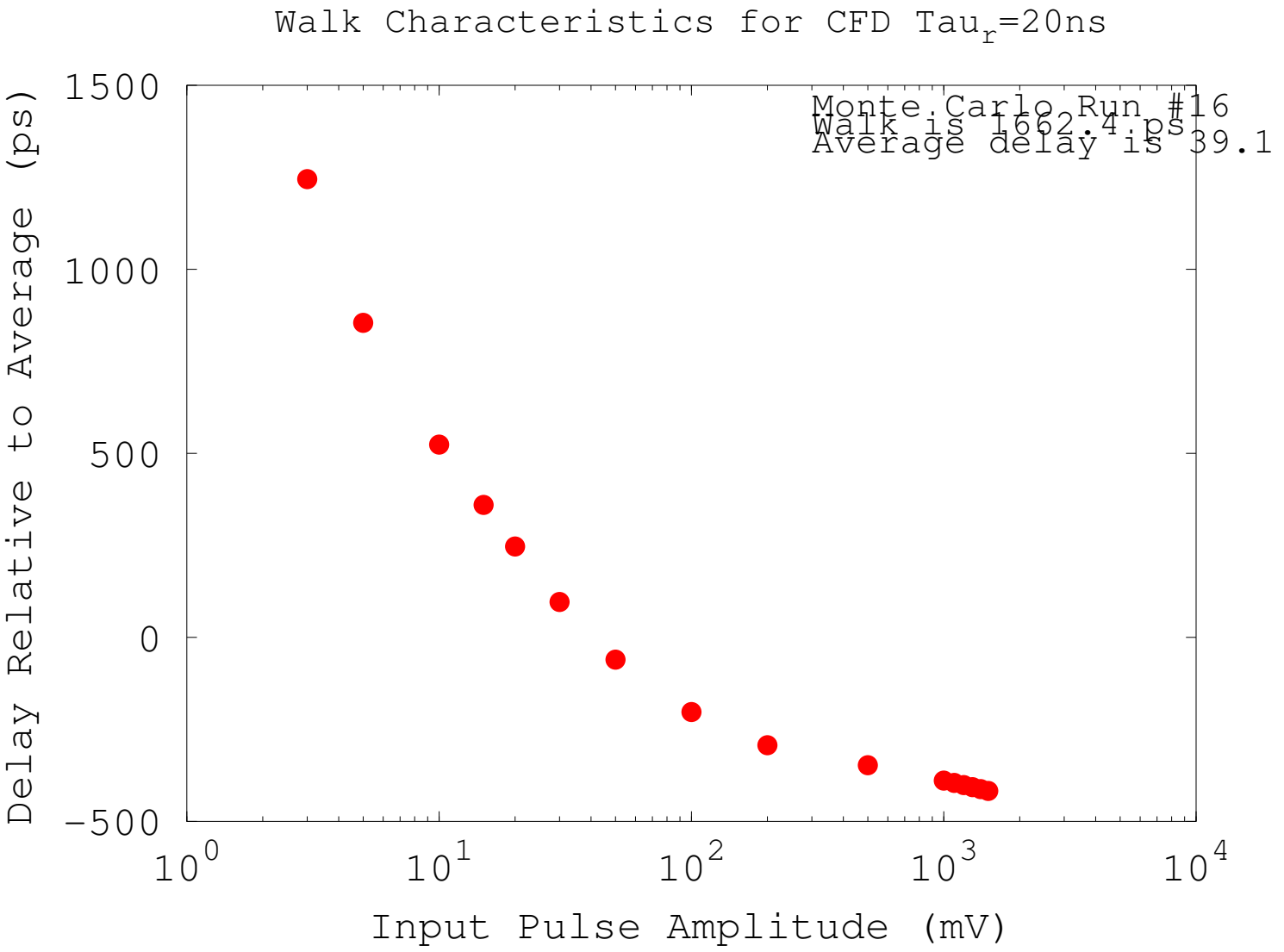

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #127
Walk is 1500.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

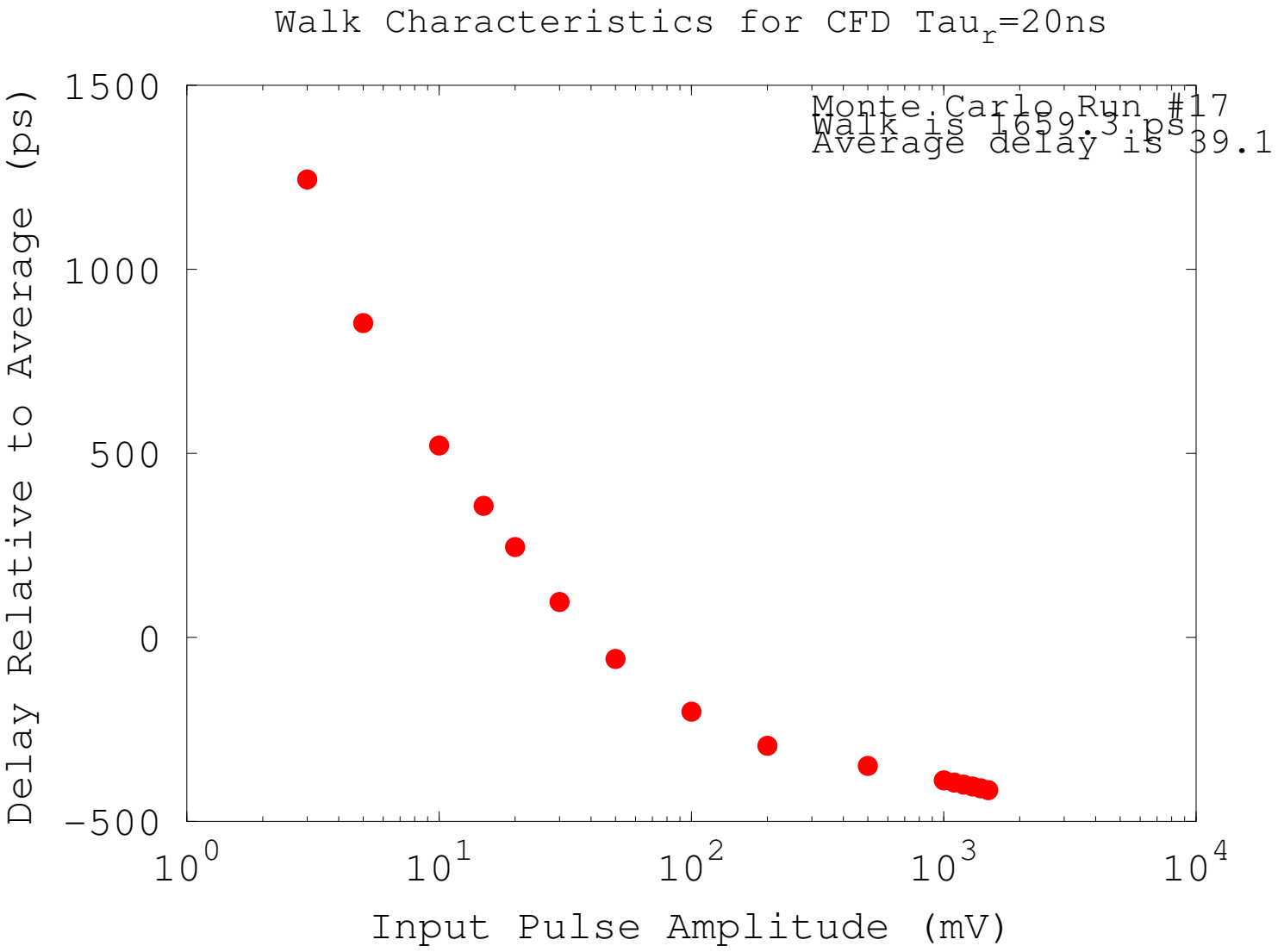

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #128
Walk is 1692.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

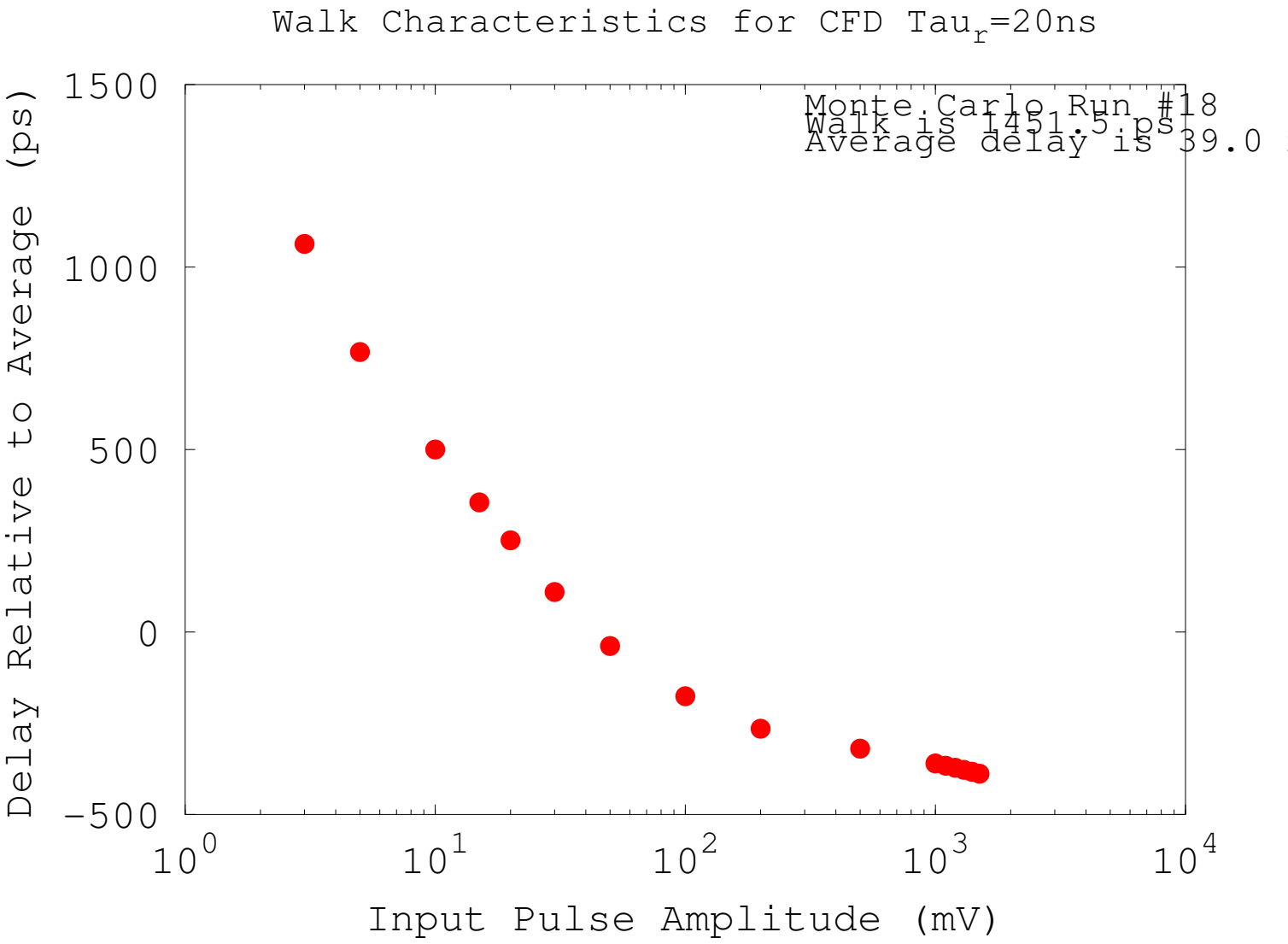

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #13
Walk is 1392.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

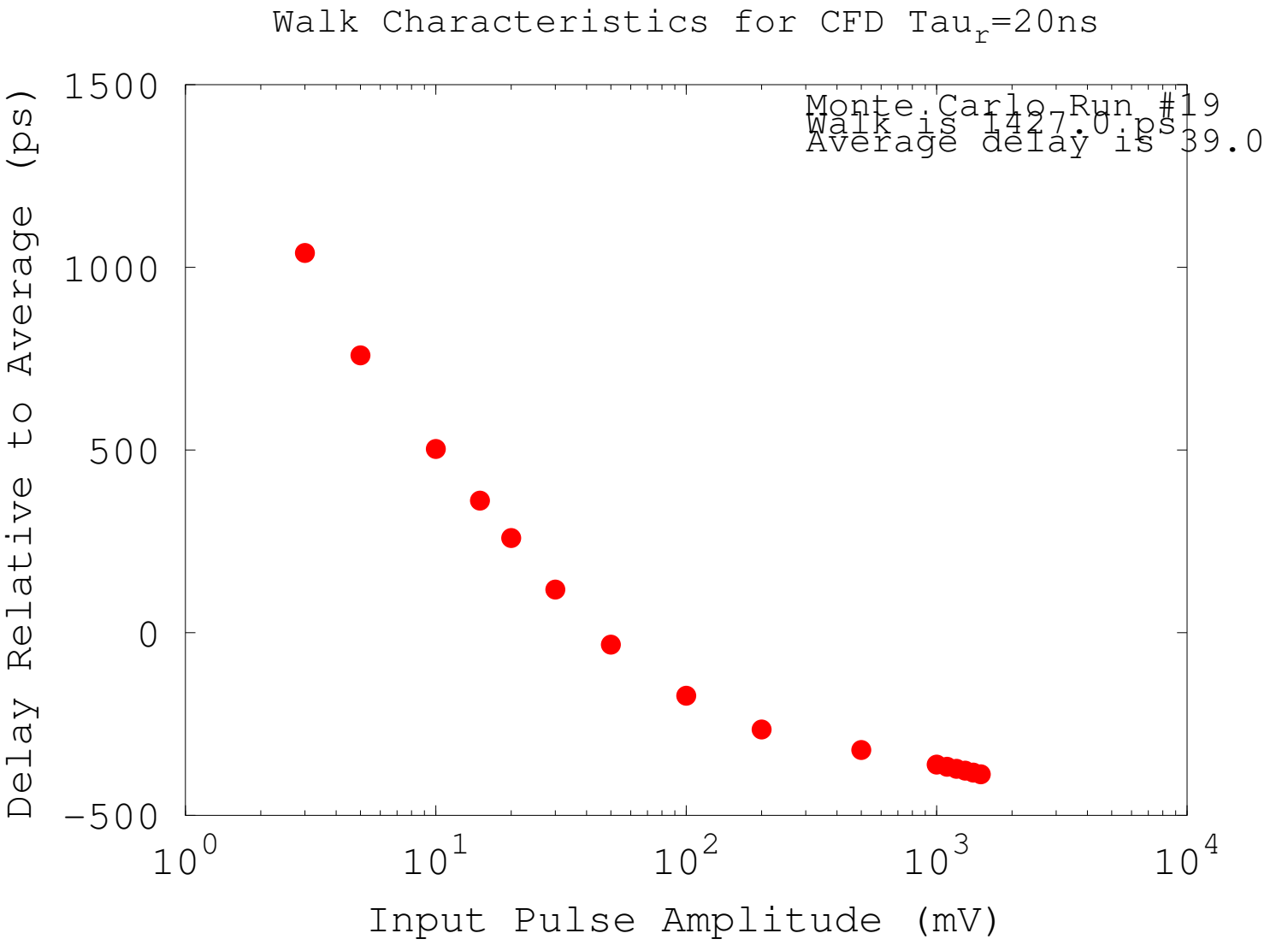

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #14
Walk is 1604.7 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

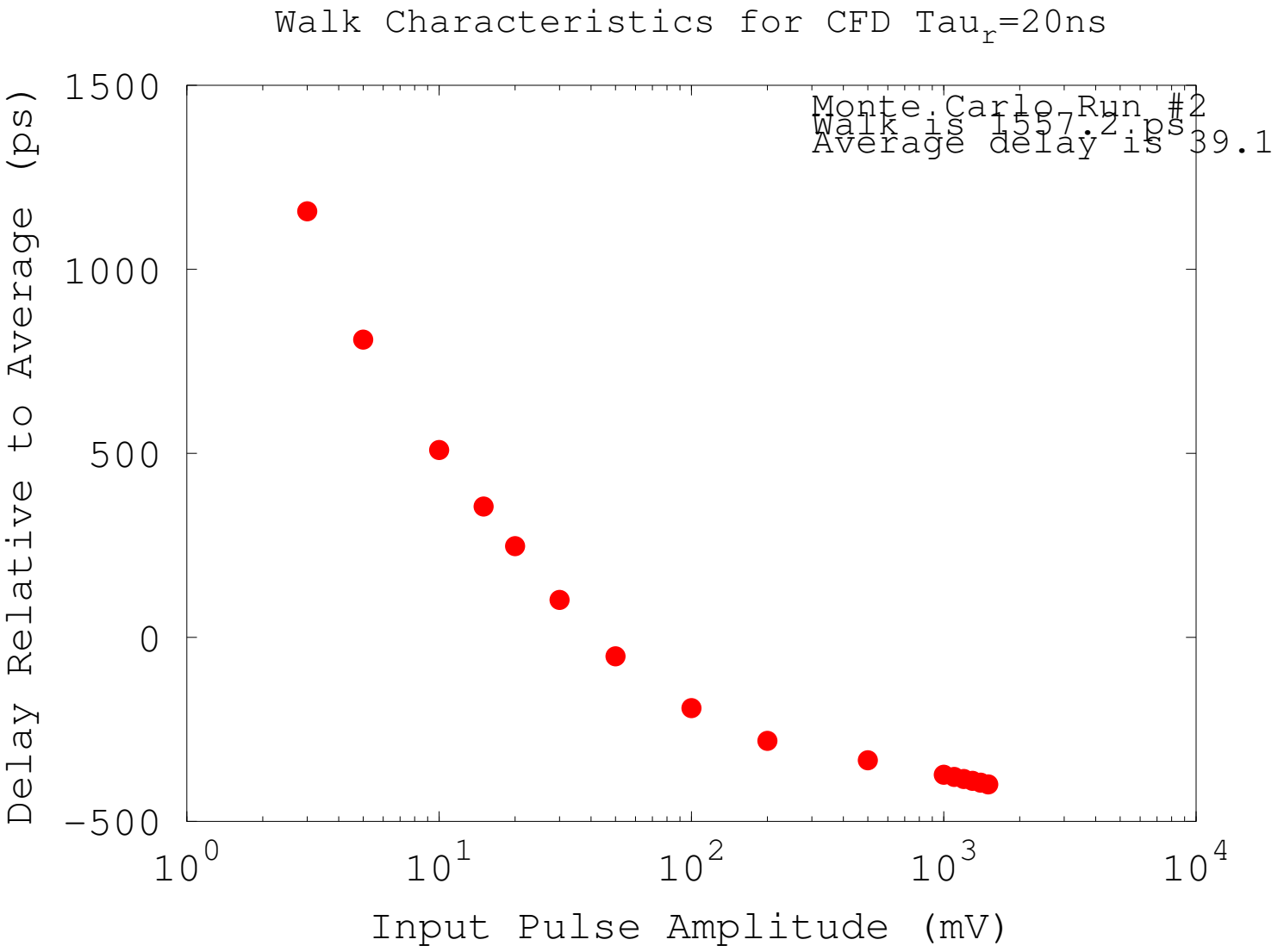

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #15
Walk is 1351.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

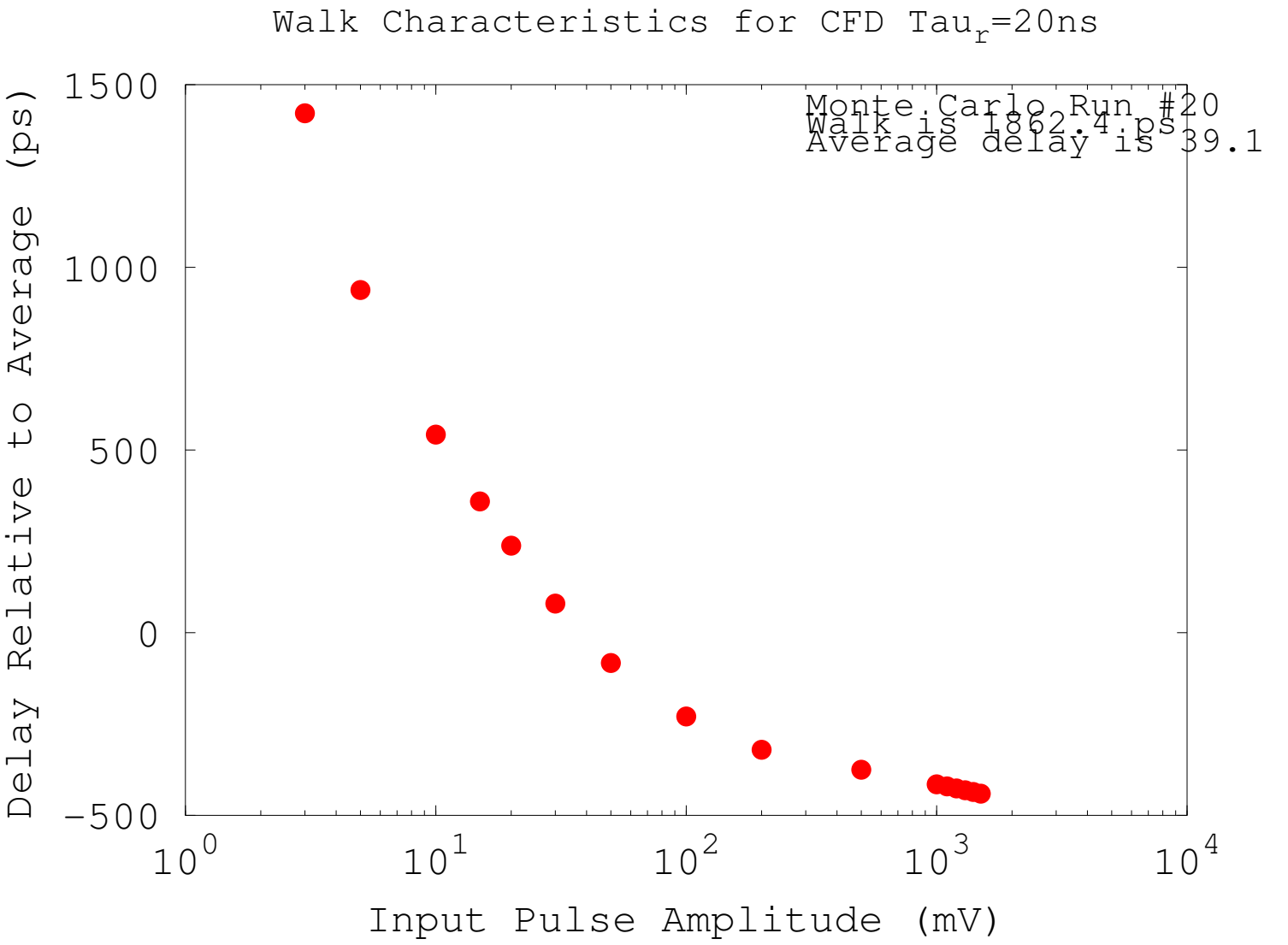

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #16
Walk is 1662.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

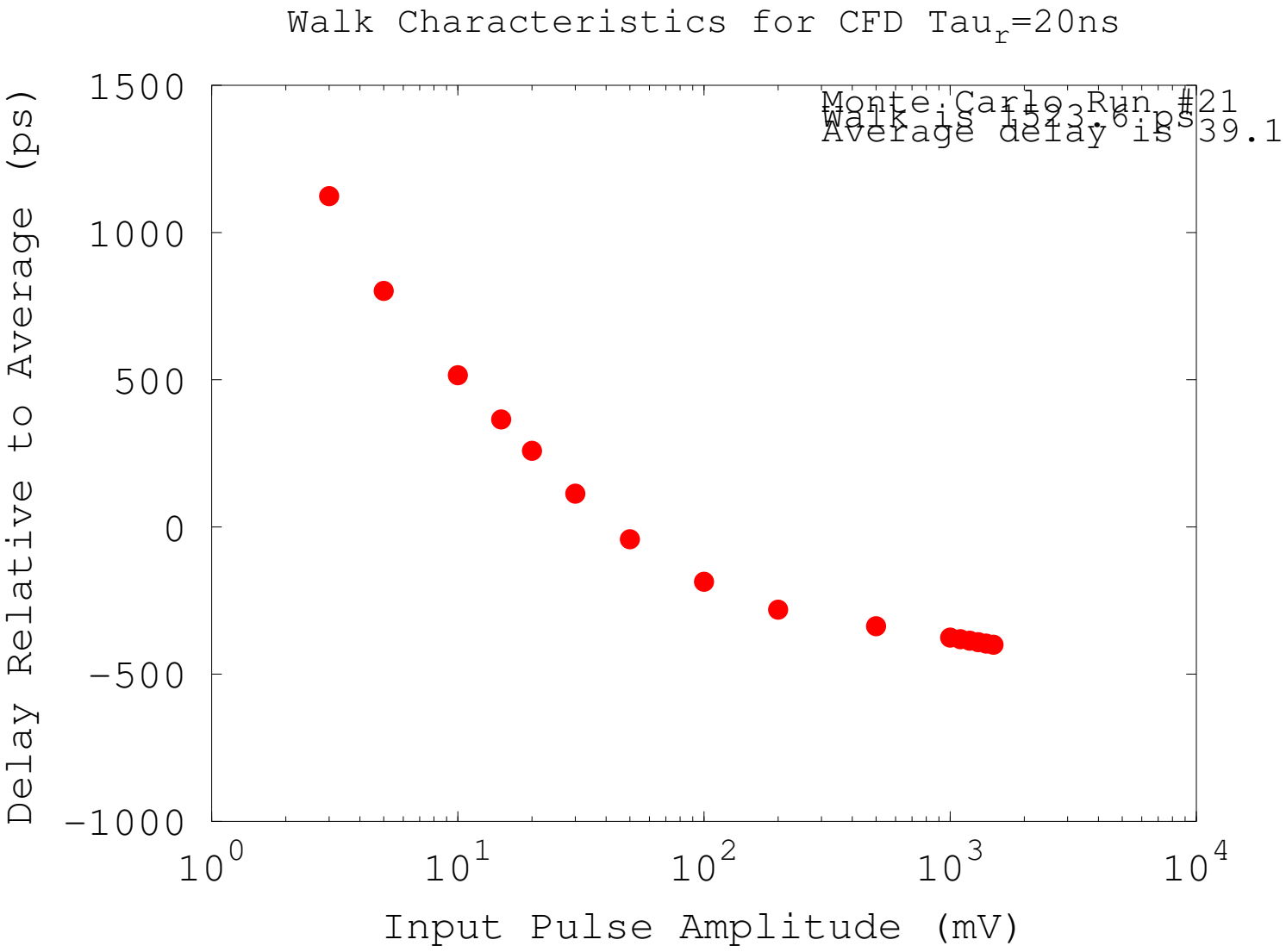

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #17
Walk is 1659.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

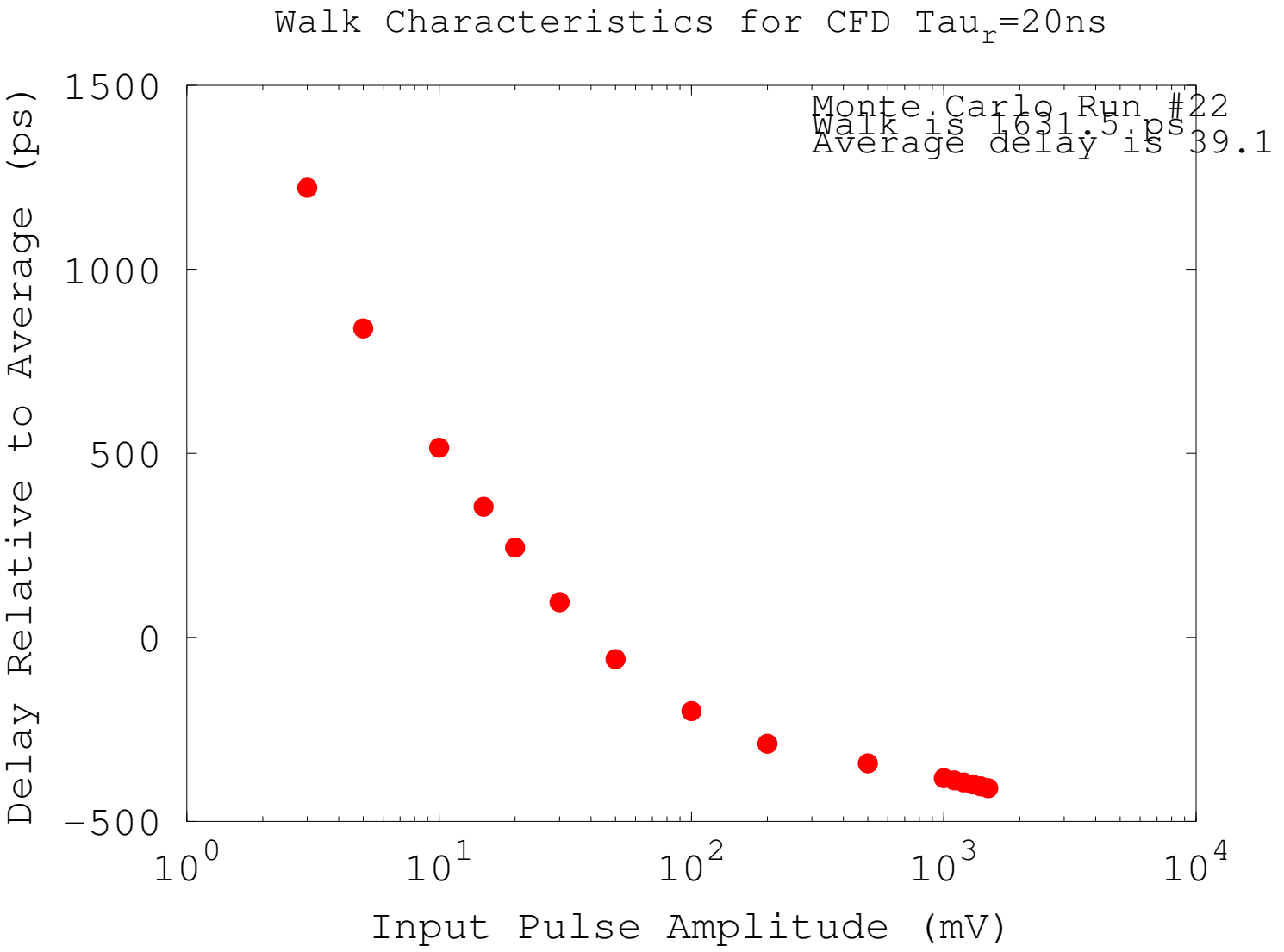

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #18
Walk is 1451.5 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

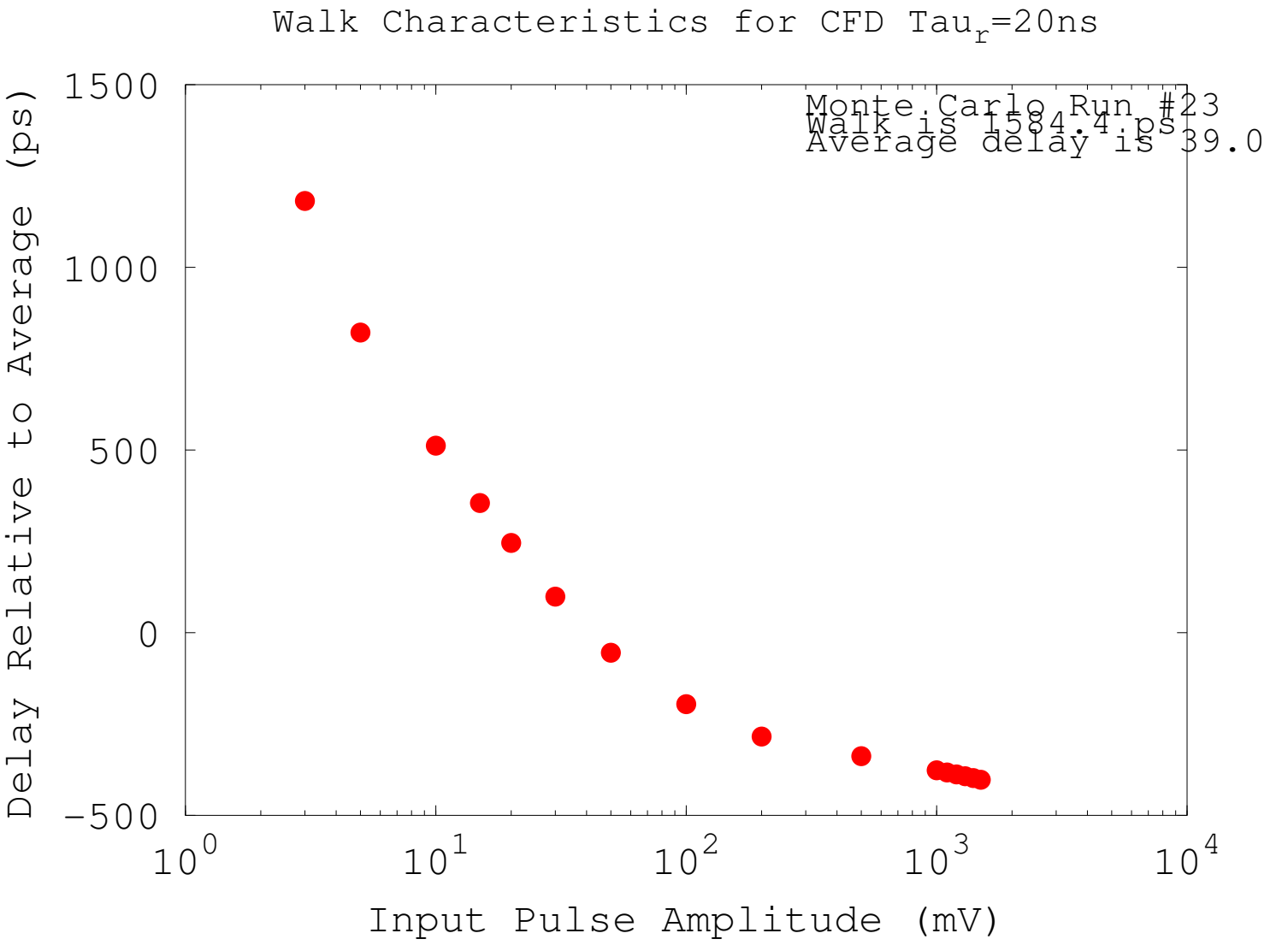

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #19
Walk is 1427.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

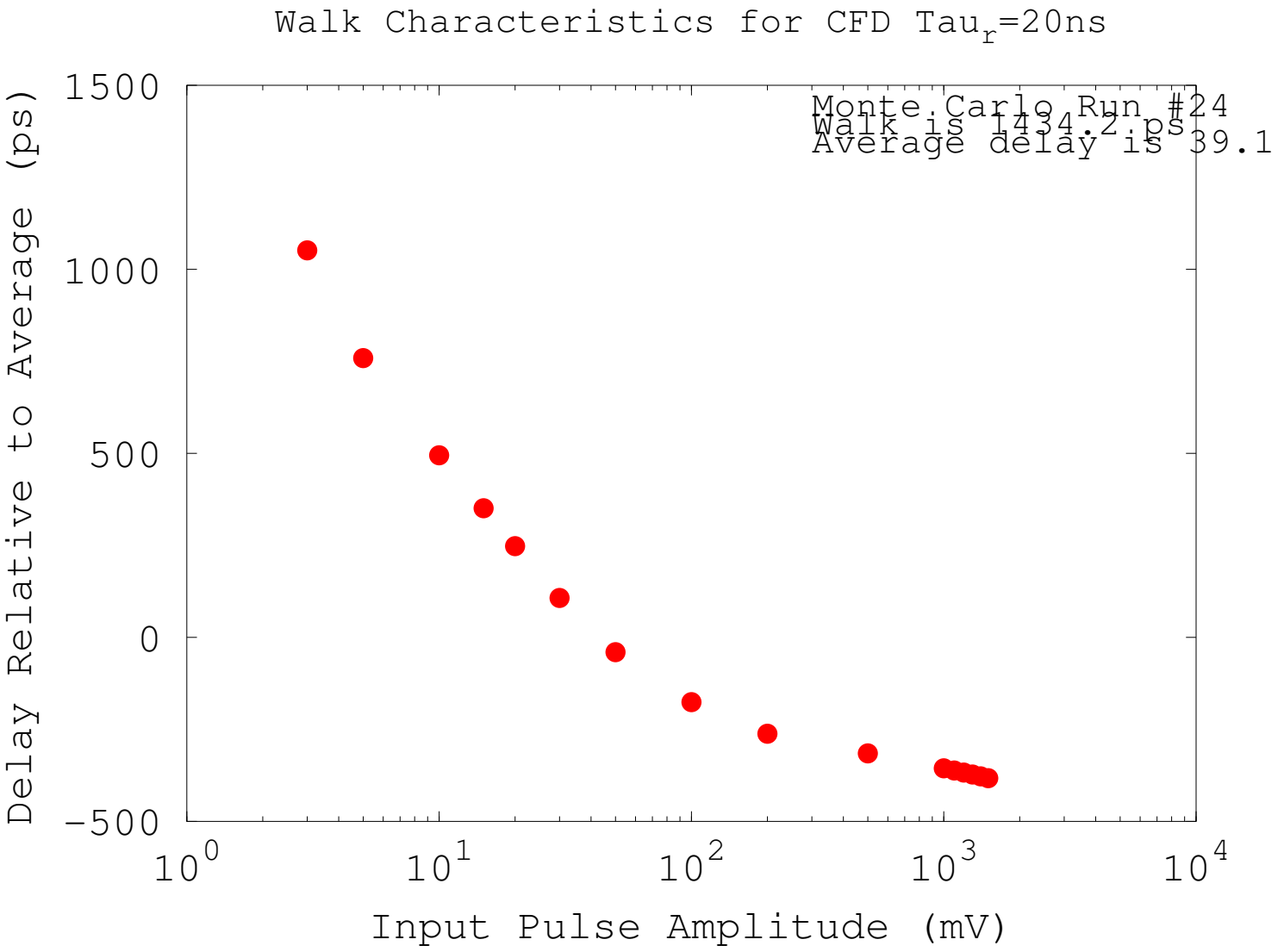

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #2
Walk is 1557.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

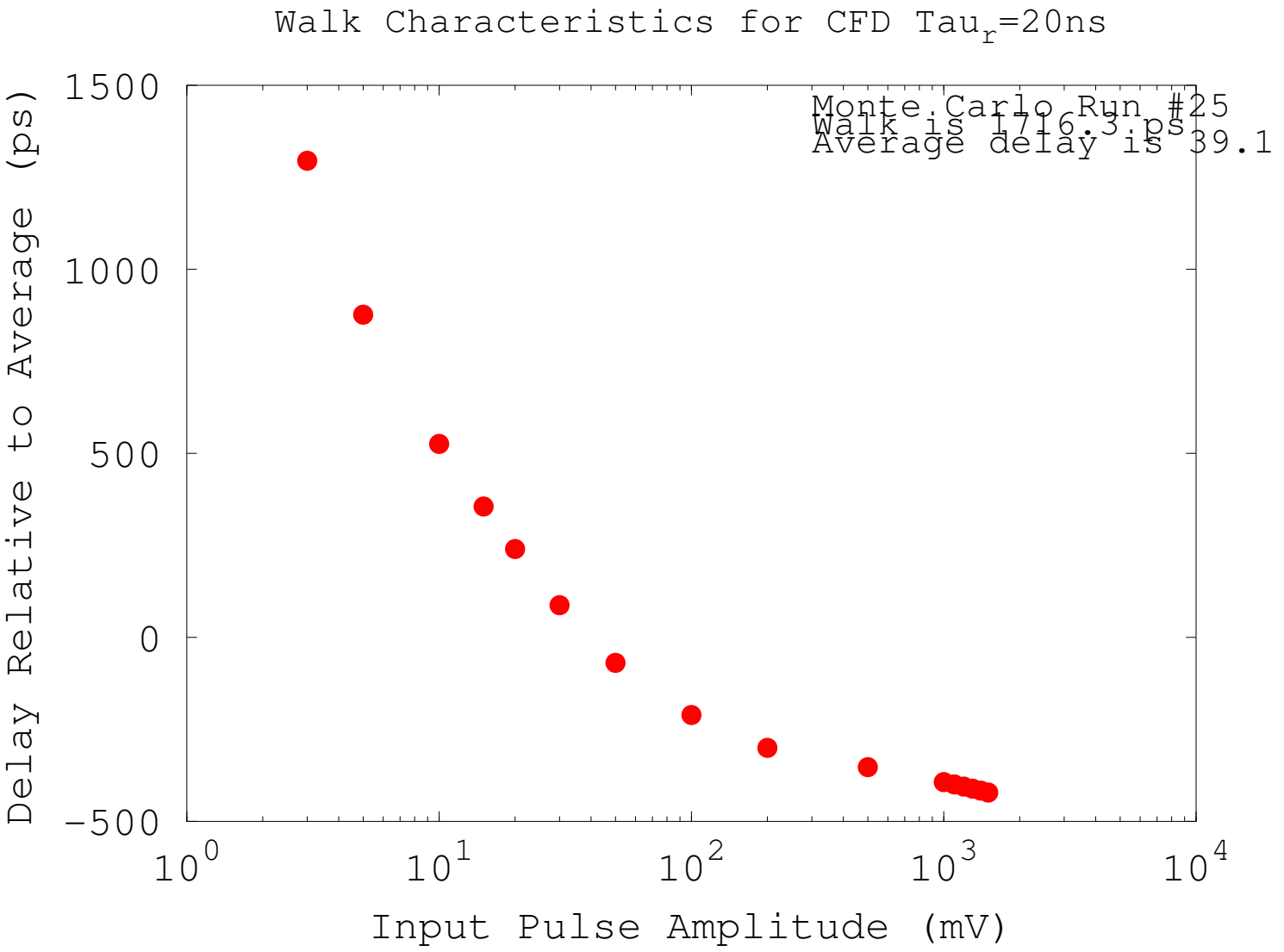

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #20
Walk is 1862.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

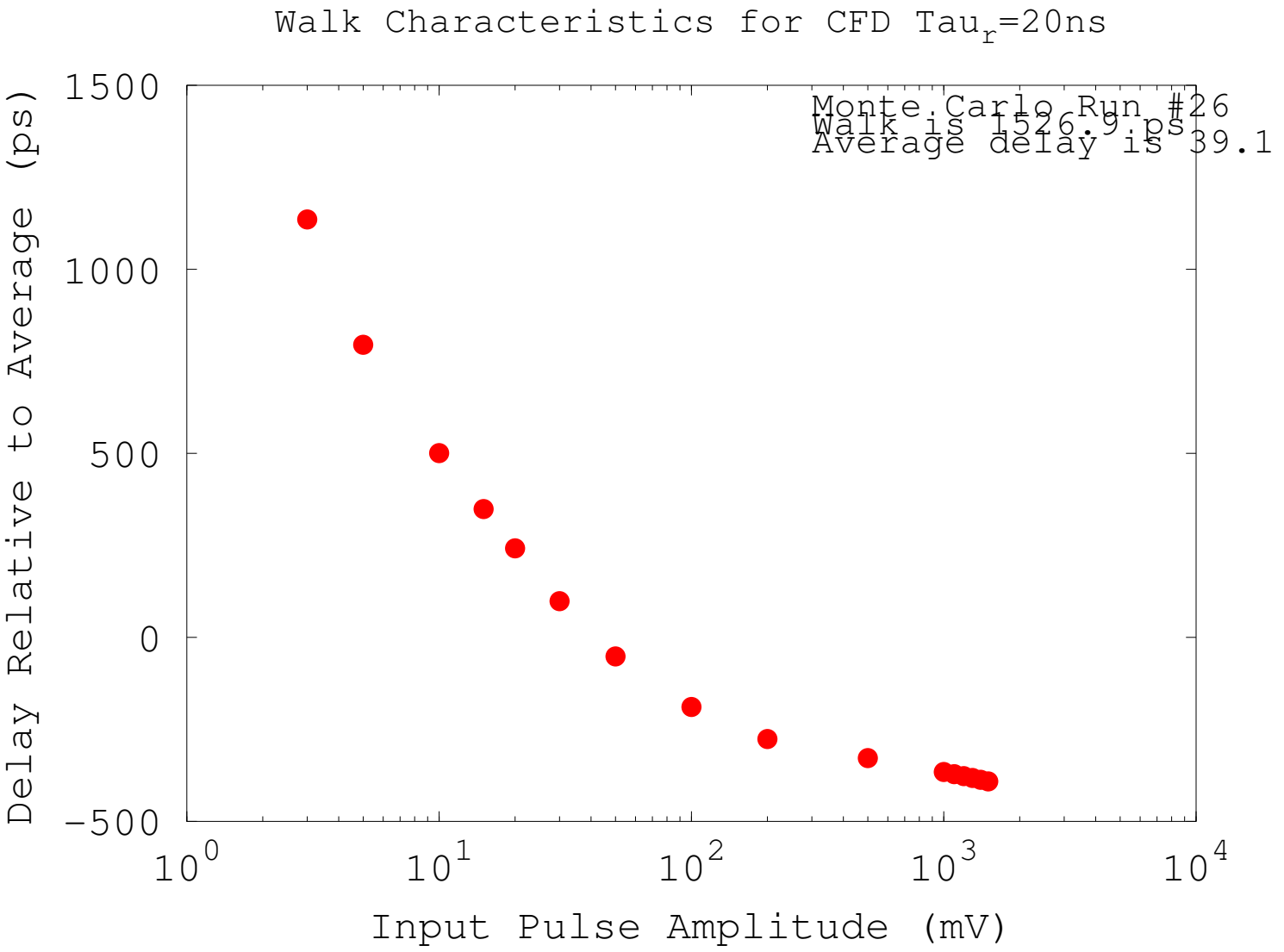

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #21
Walk is 1523.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

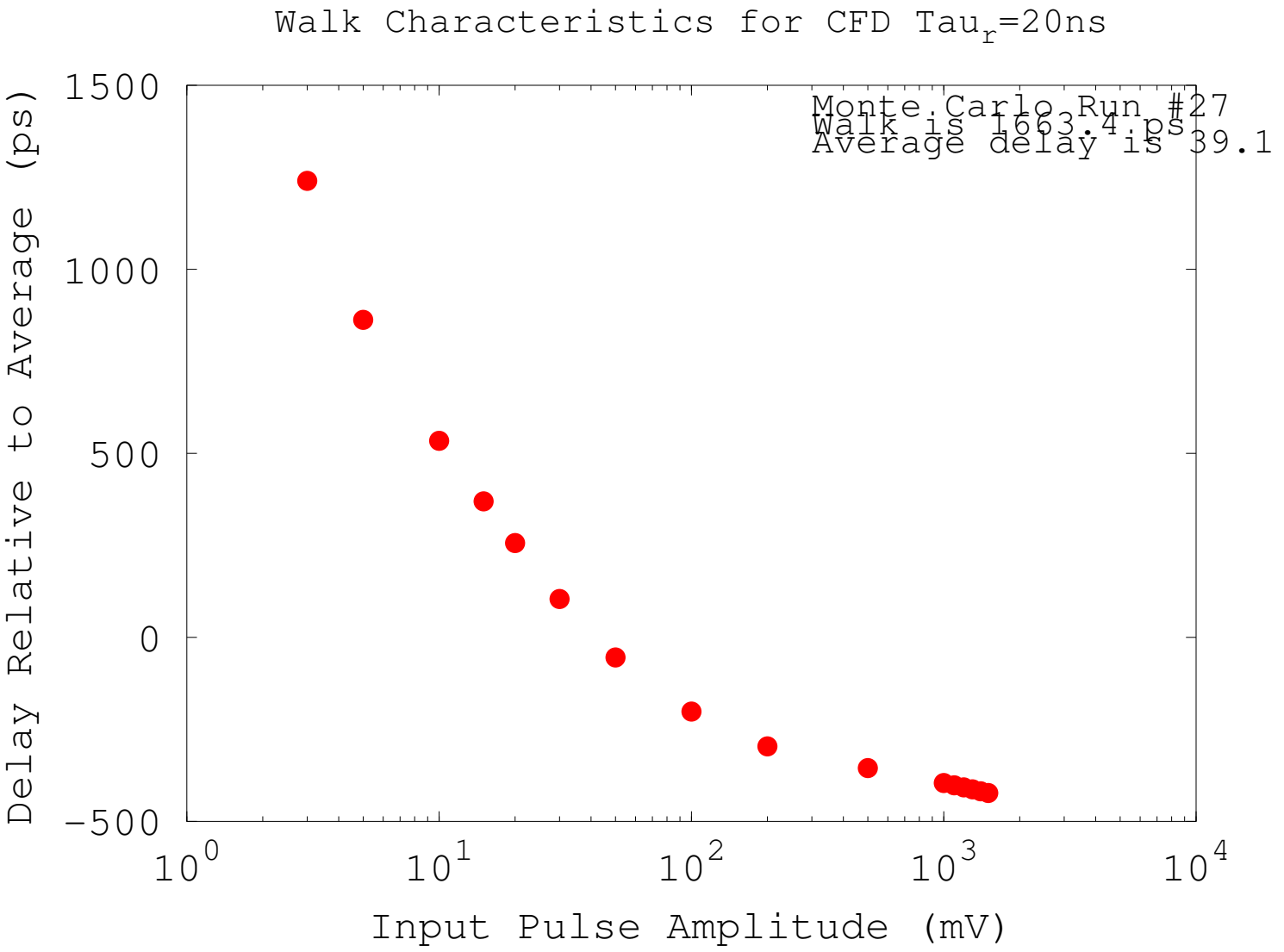

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #22
Walk is 1631.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

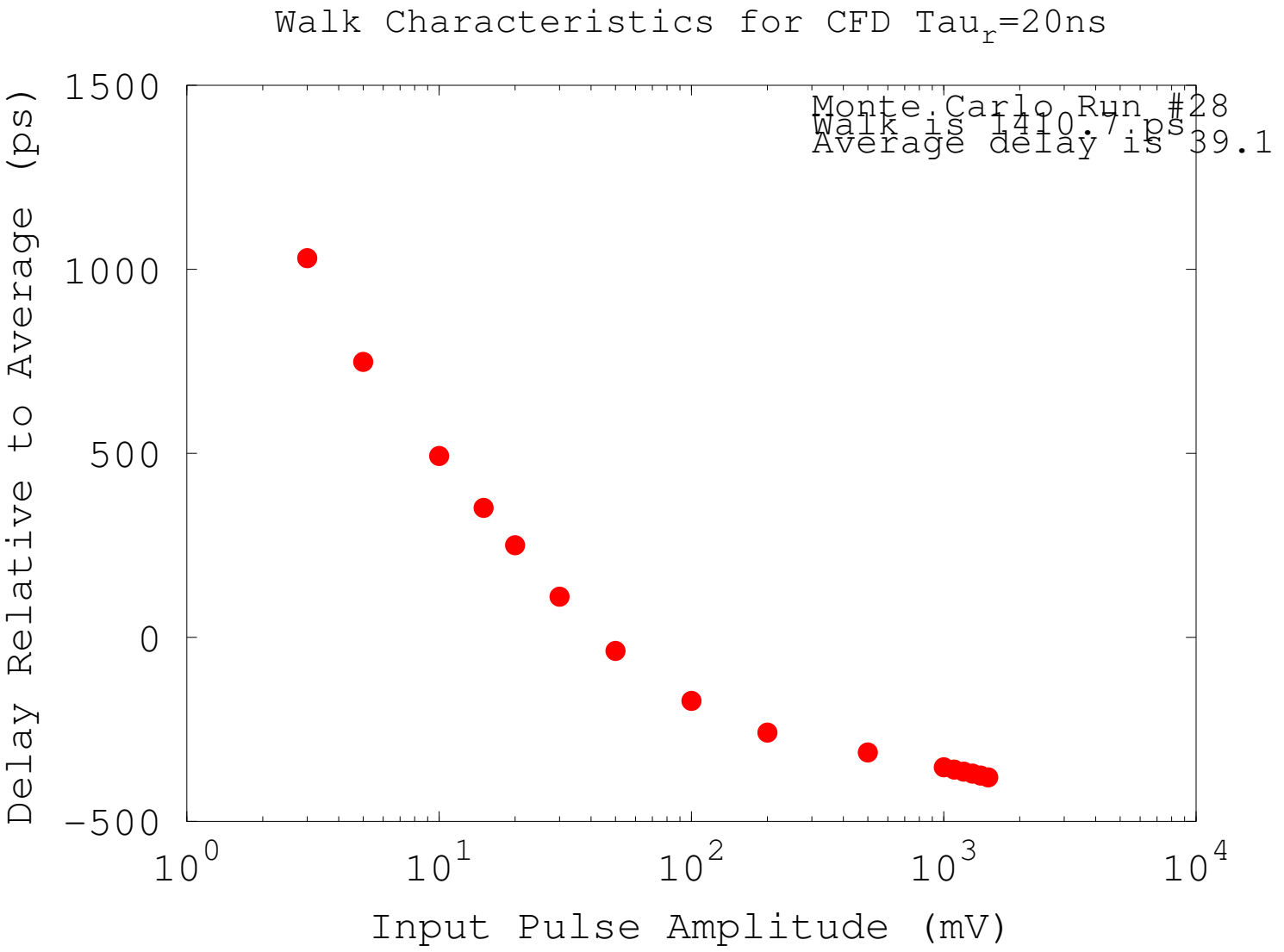

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #23
Walk is 1584.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

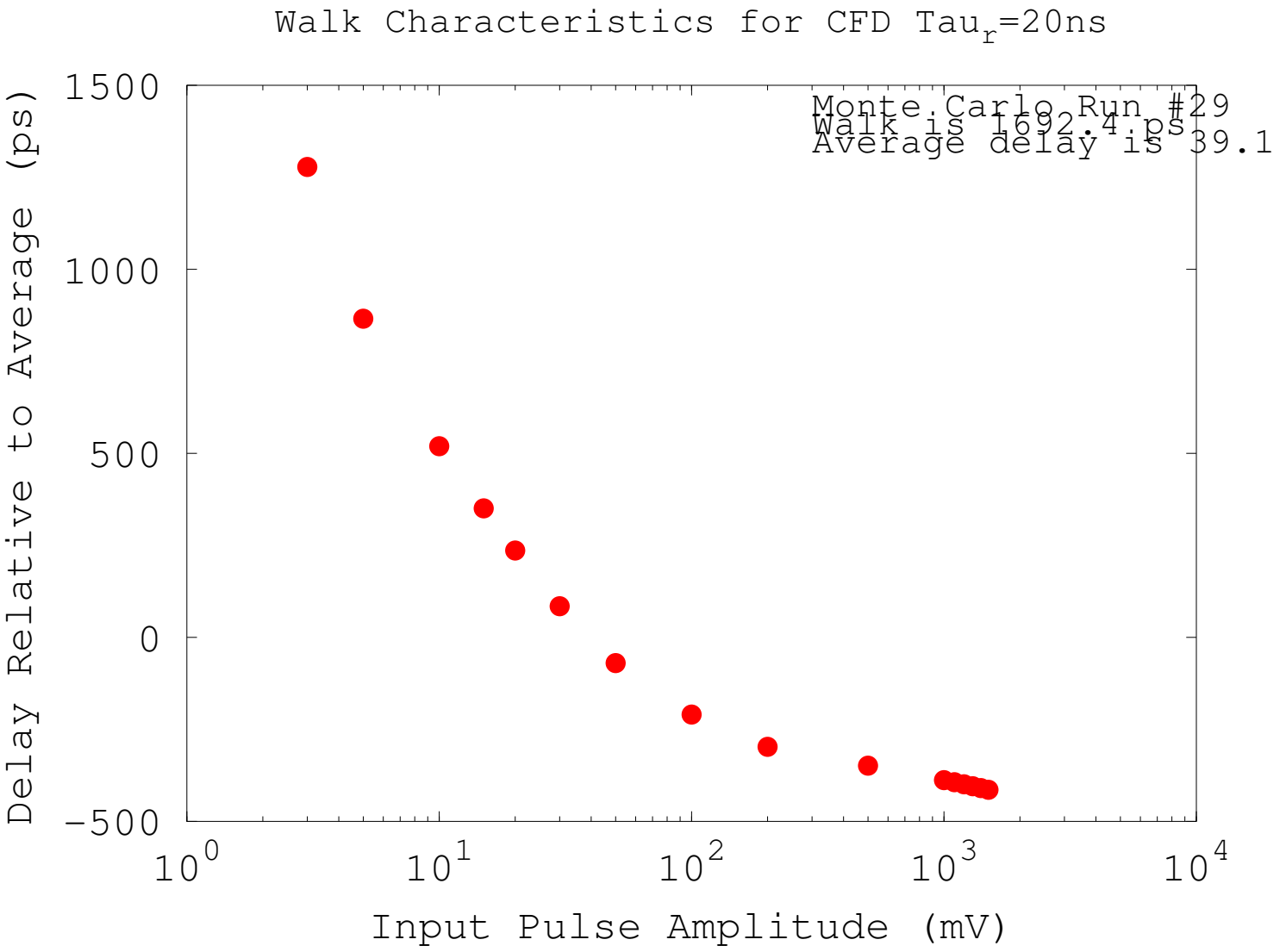

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #24
Walk is 1434.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

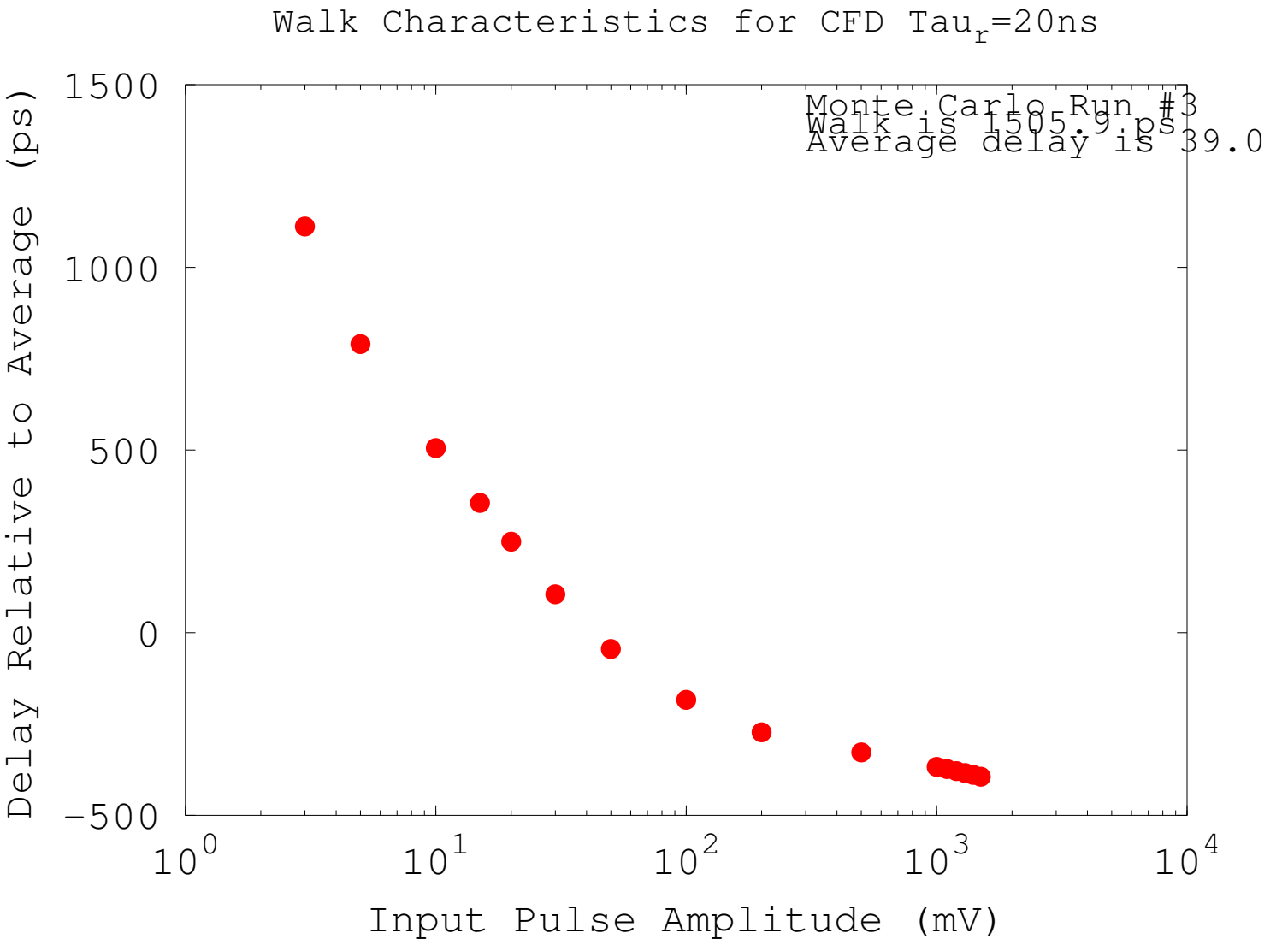

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #25
Walk is 1716.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

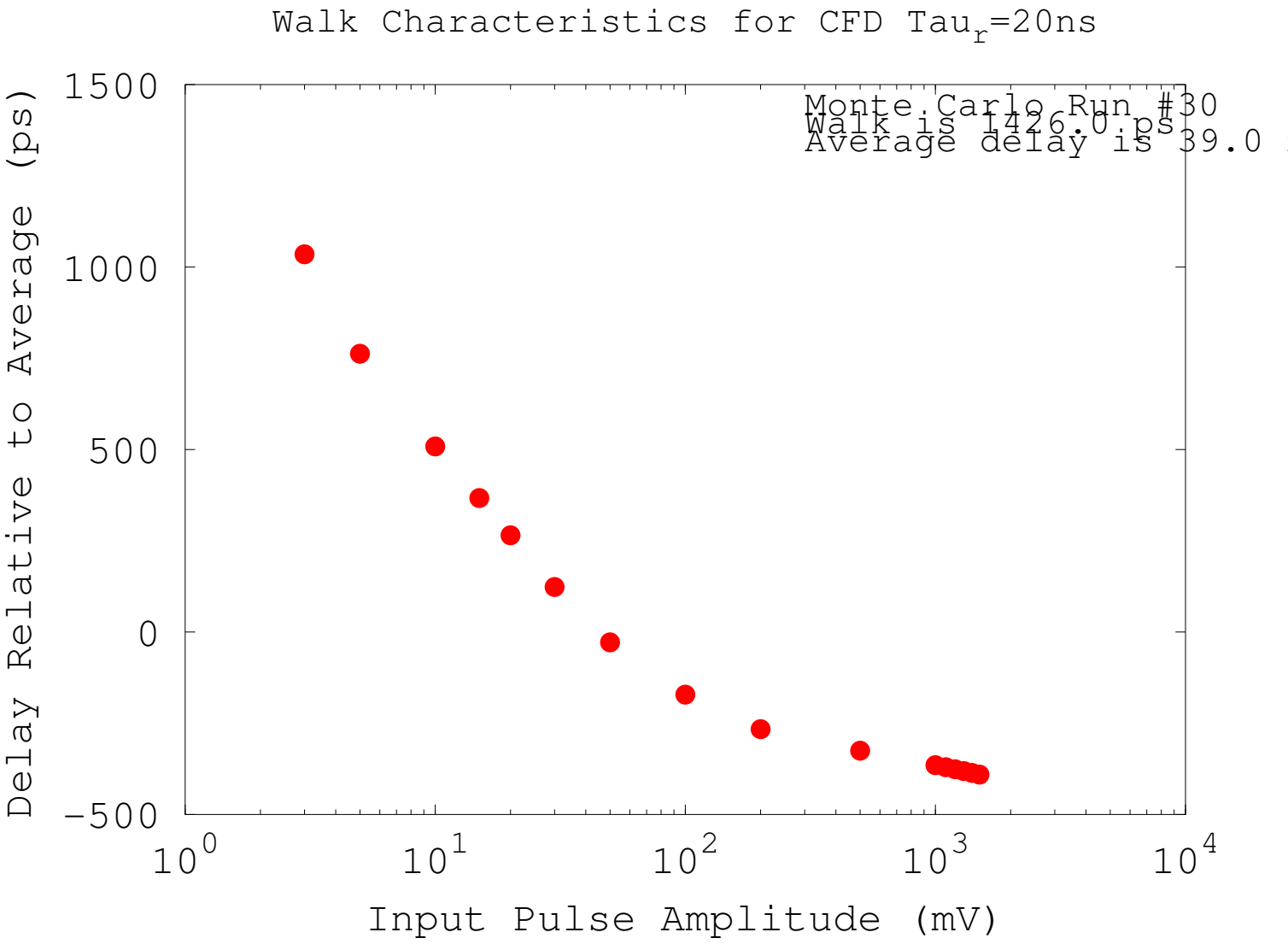

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #26
Walk is 1526.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

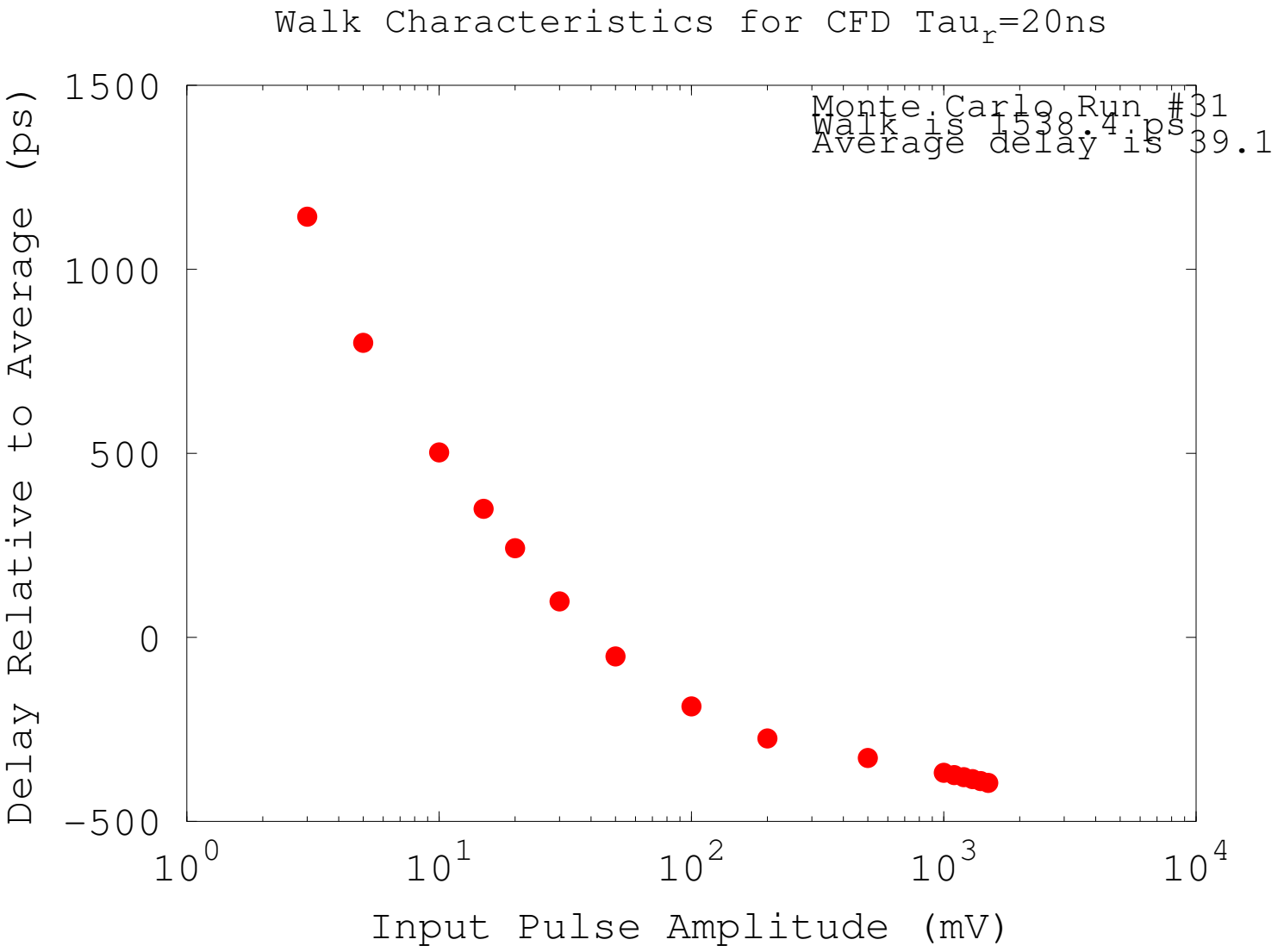

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #27
Walk is 1663.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

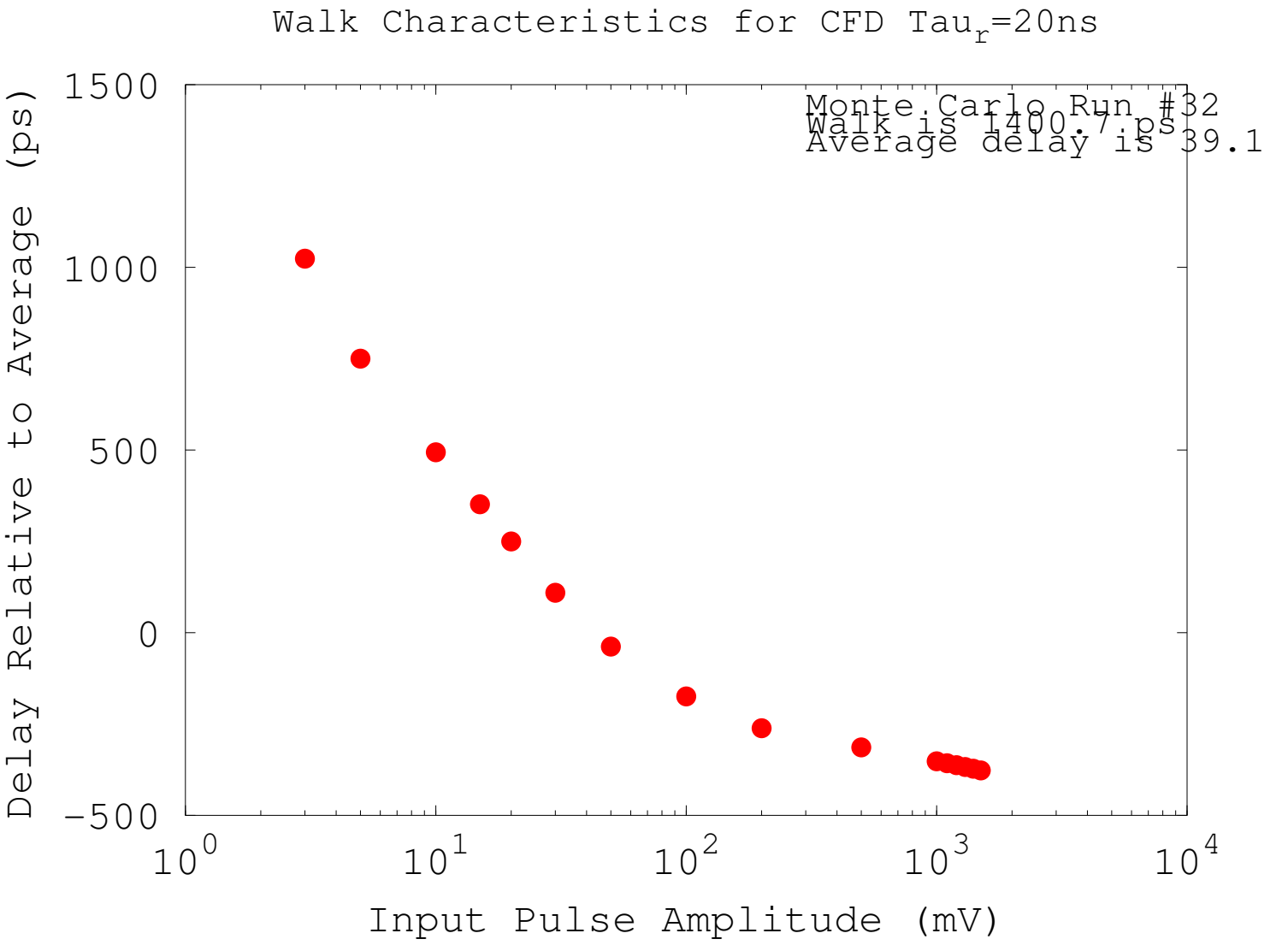

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #28
Walk is 1410.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

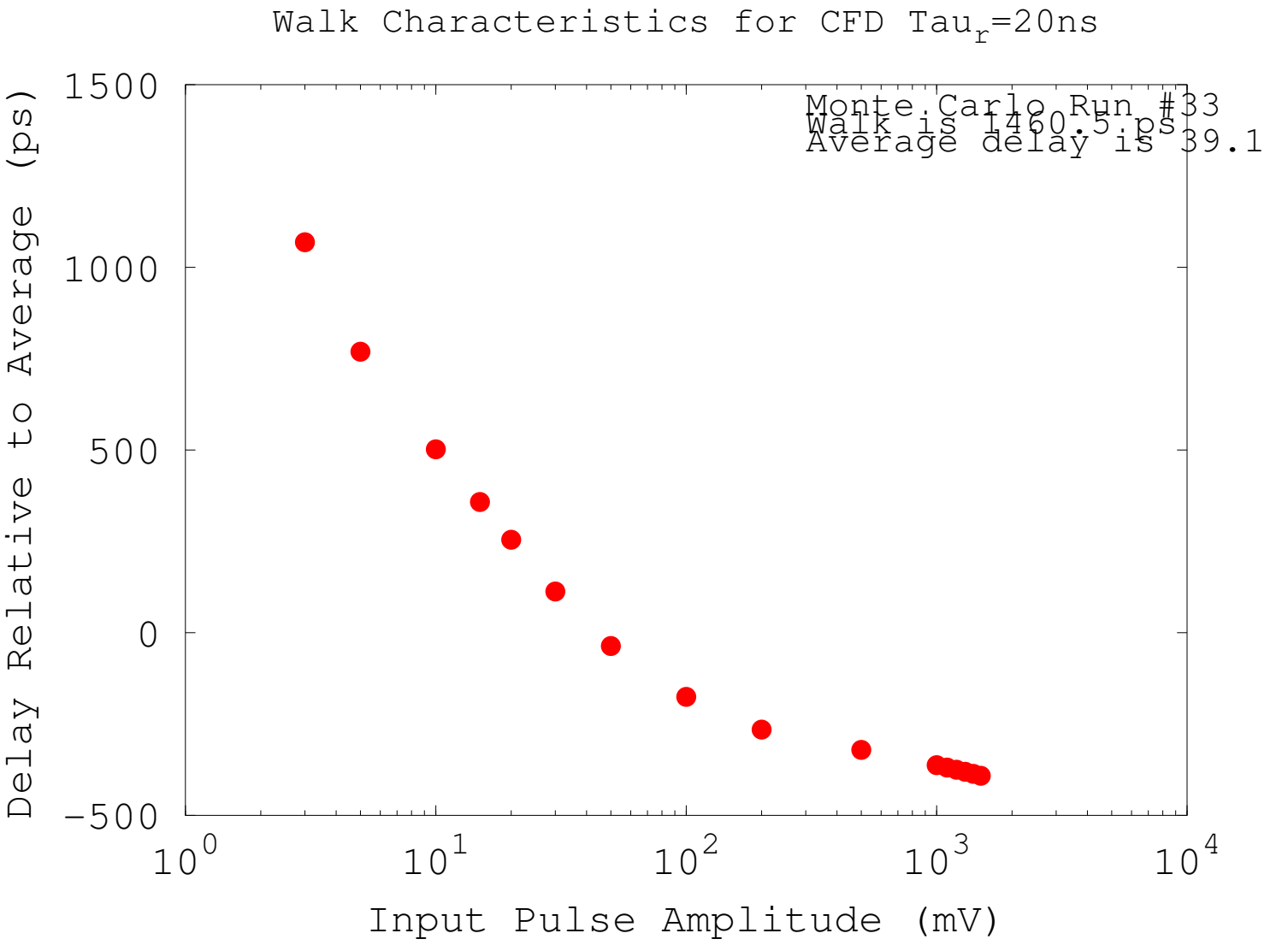

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #29
Walk is 1692.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

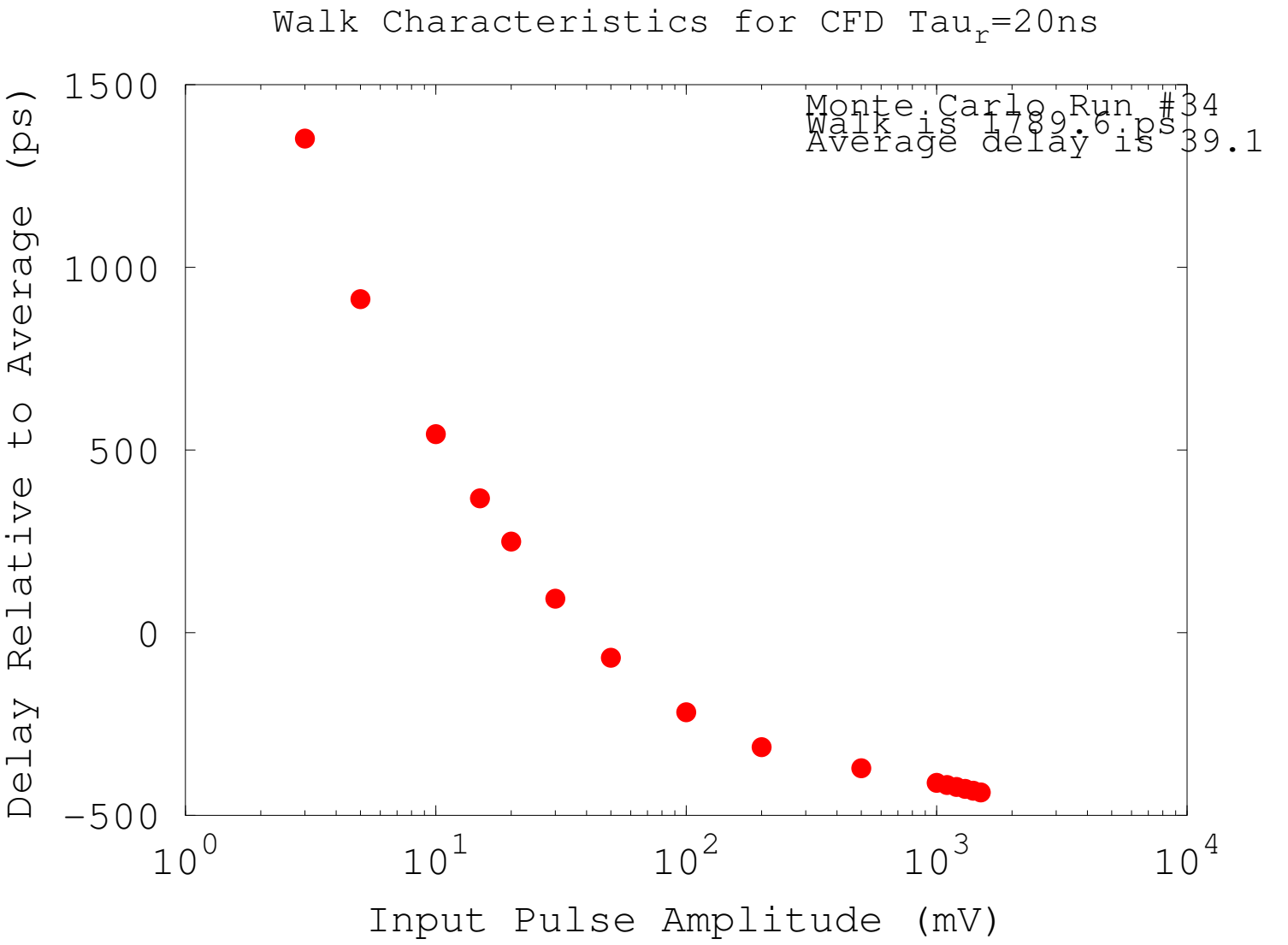

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #3
Walk is 1505.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

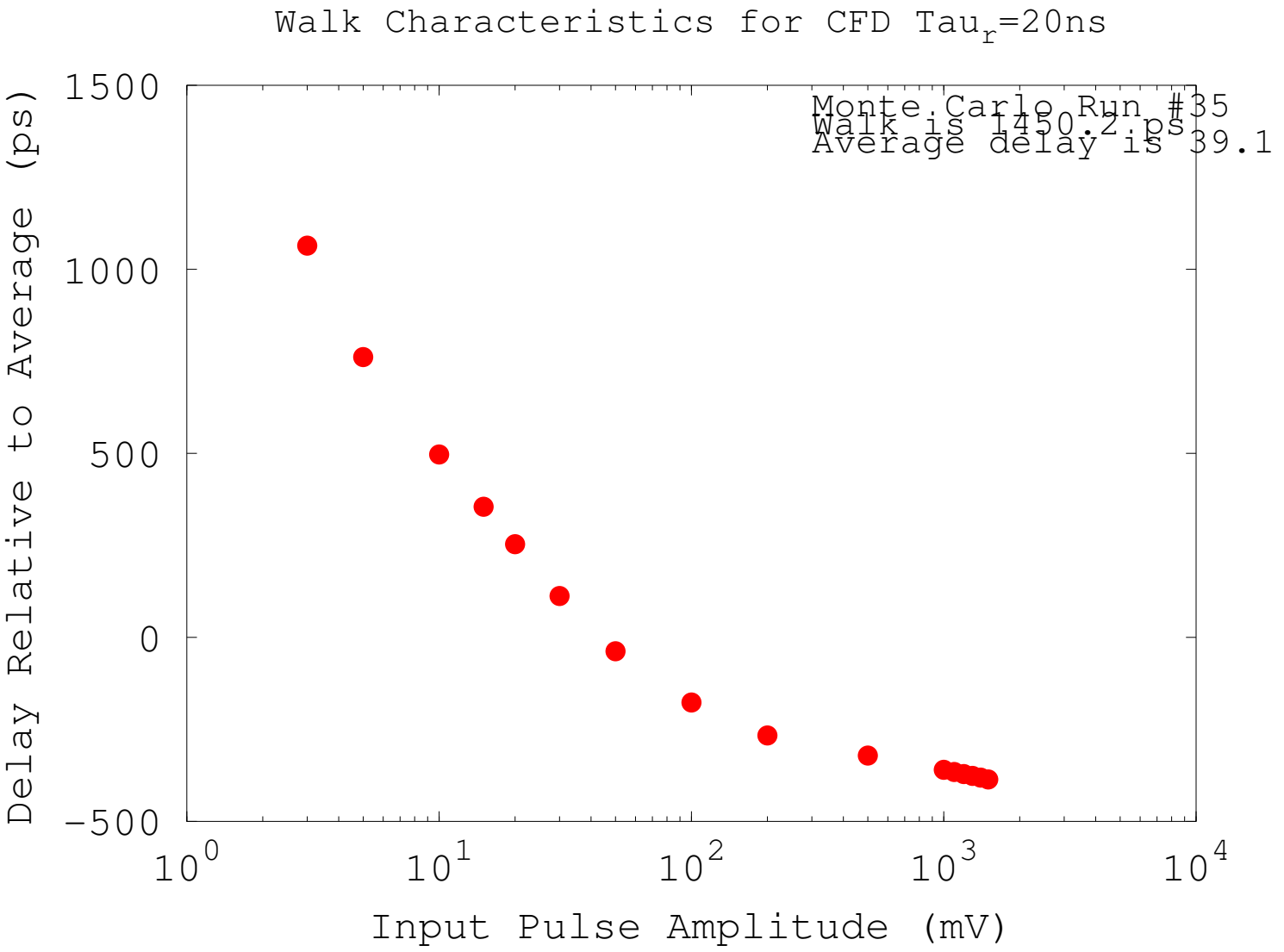

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #30
Walk is 1426.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

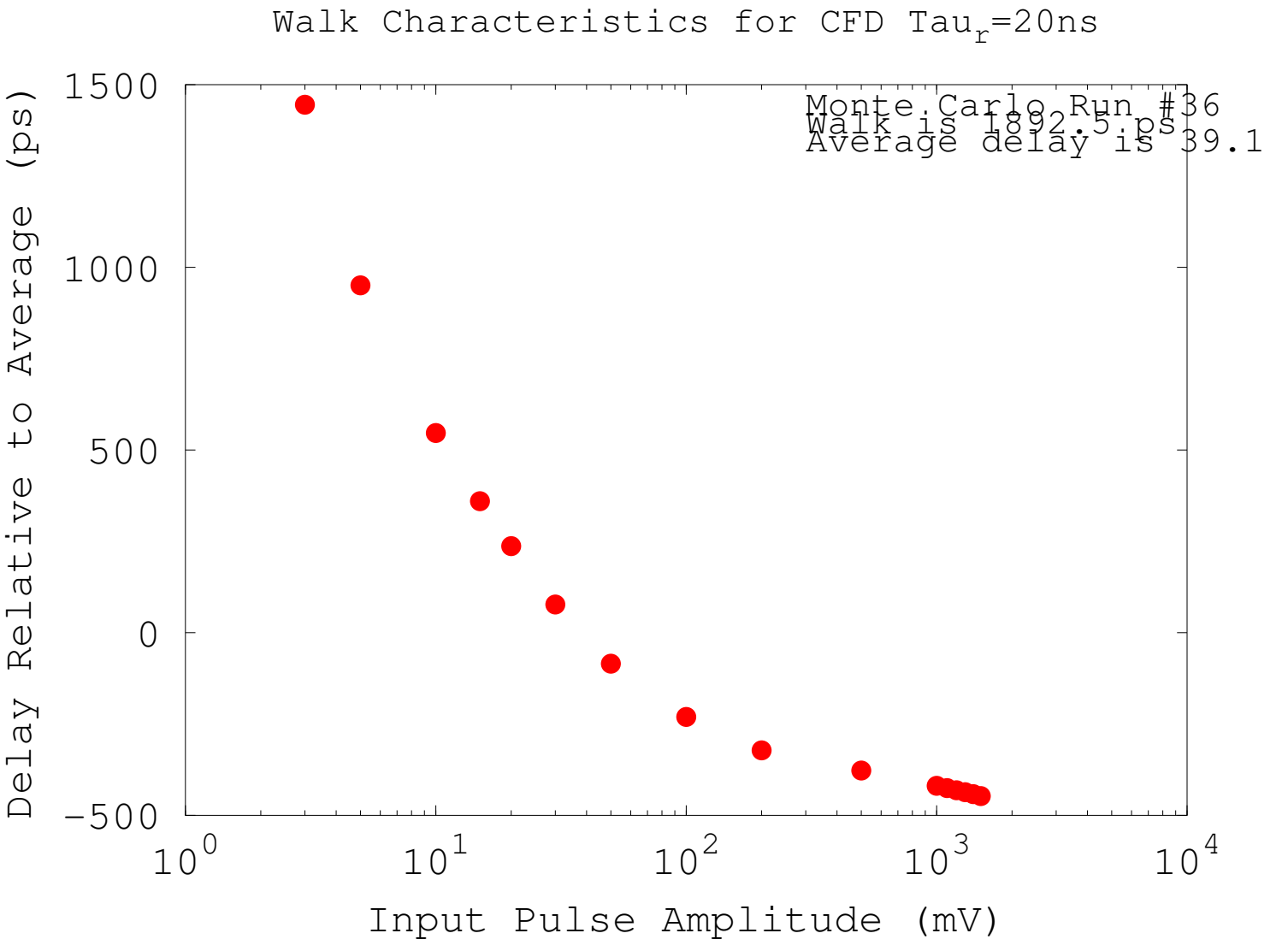

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #31
Walk is 1538.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

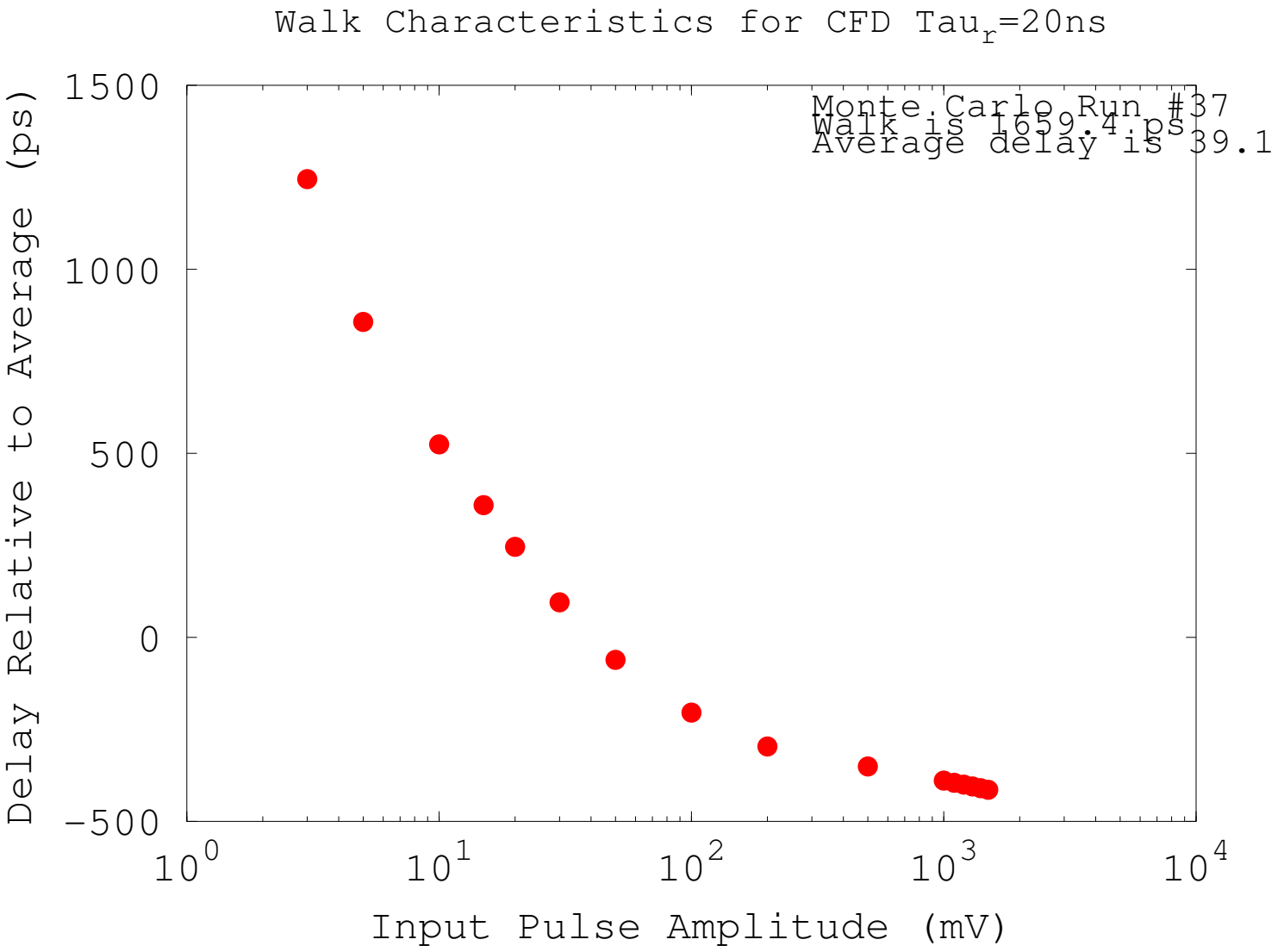

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #32
Walk is 1400.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

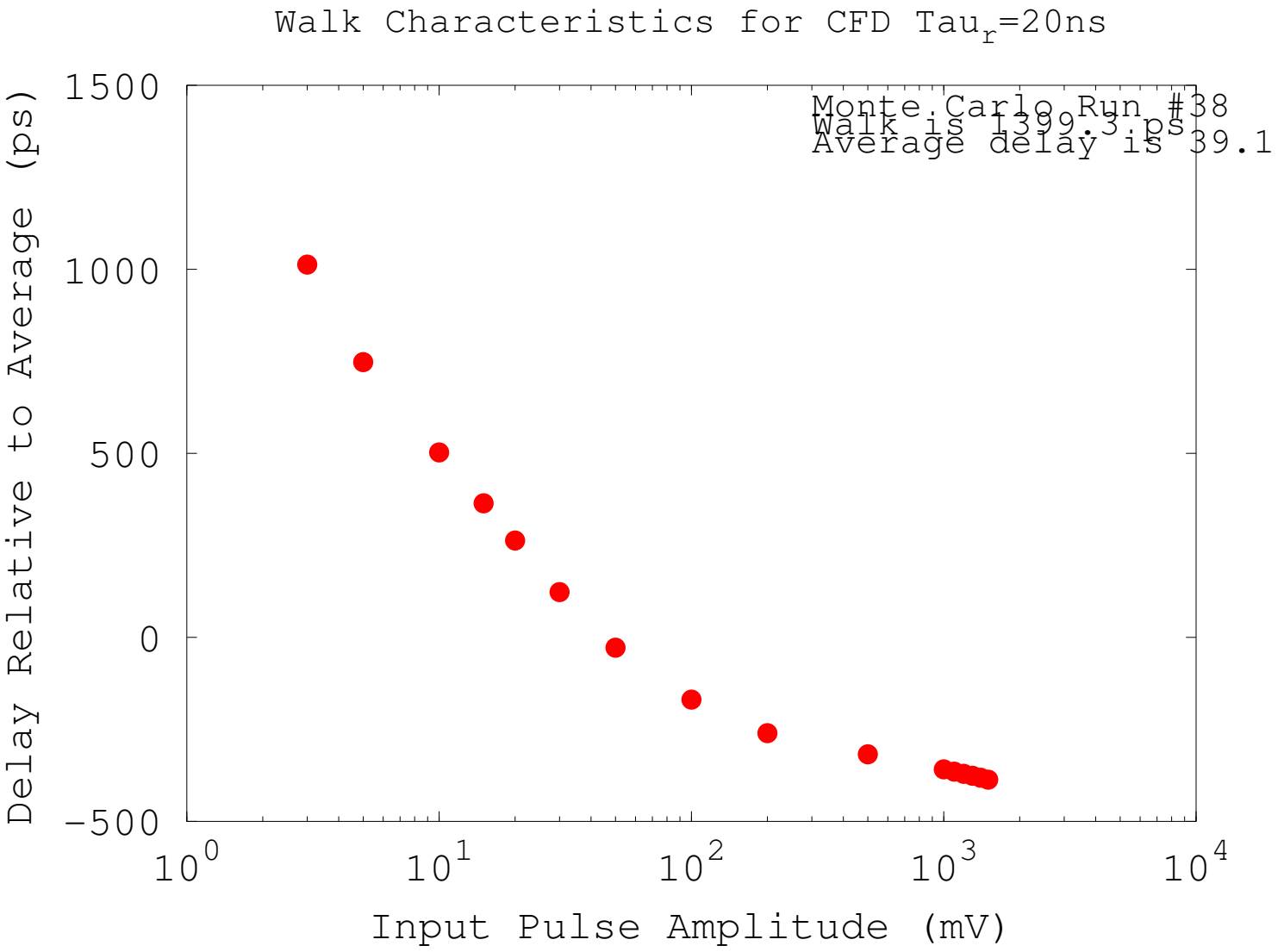

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #33
Walk is 1460.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

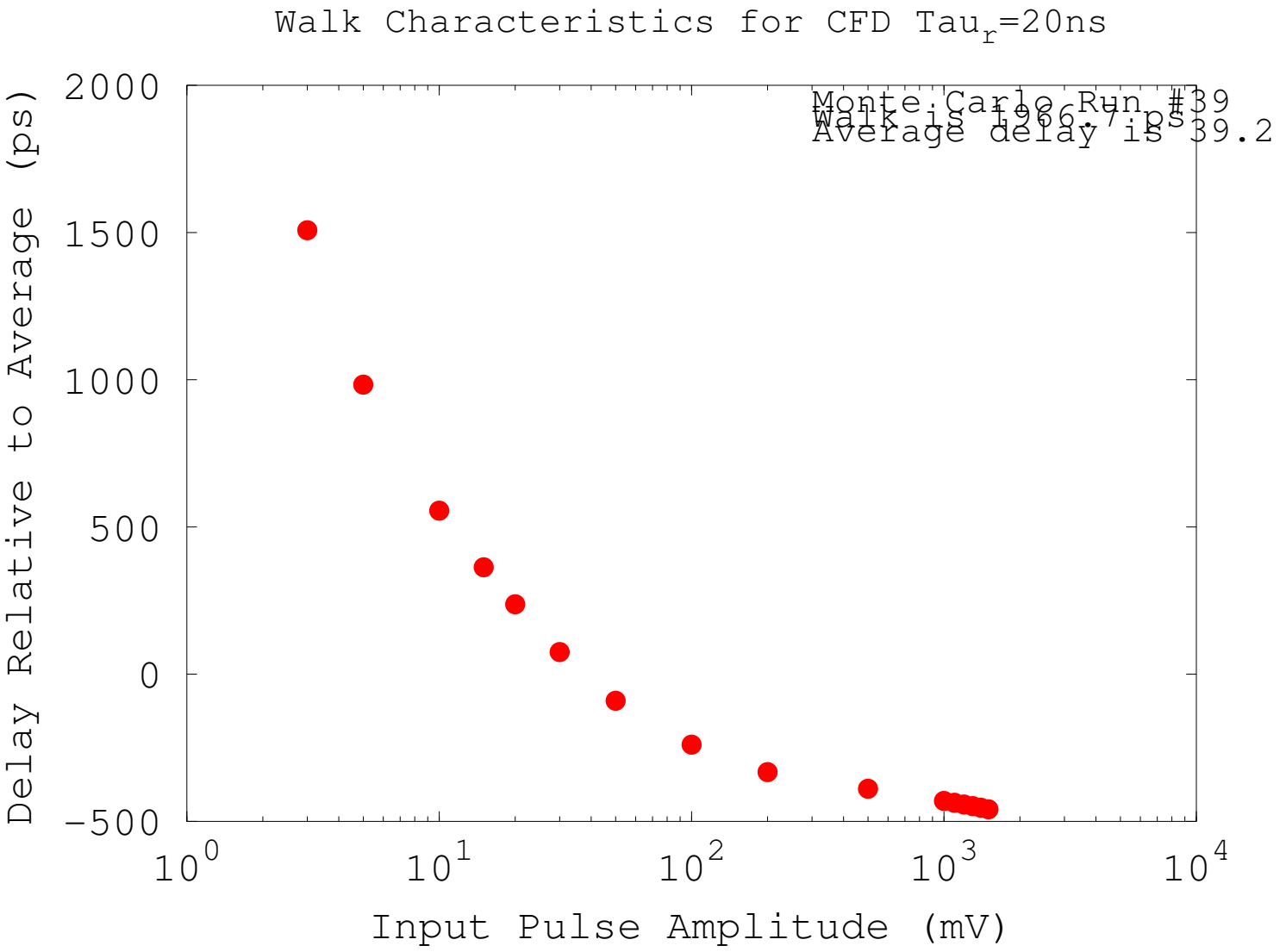

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #34
Walk is 1789.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

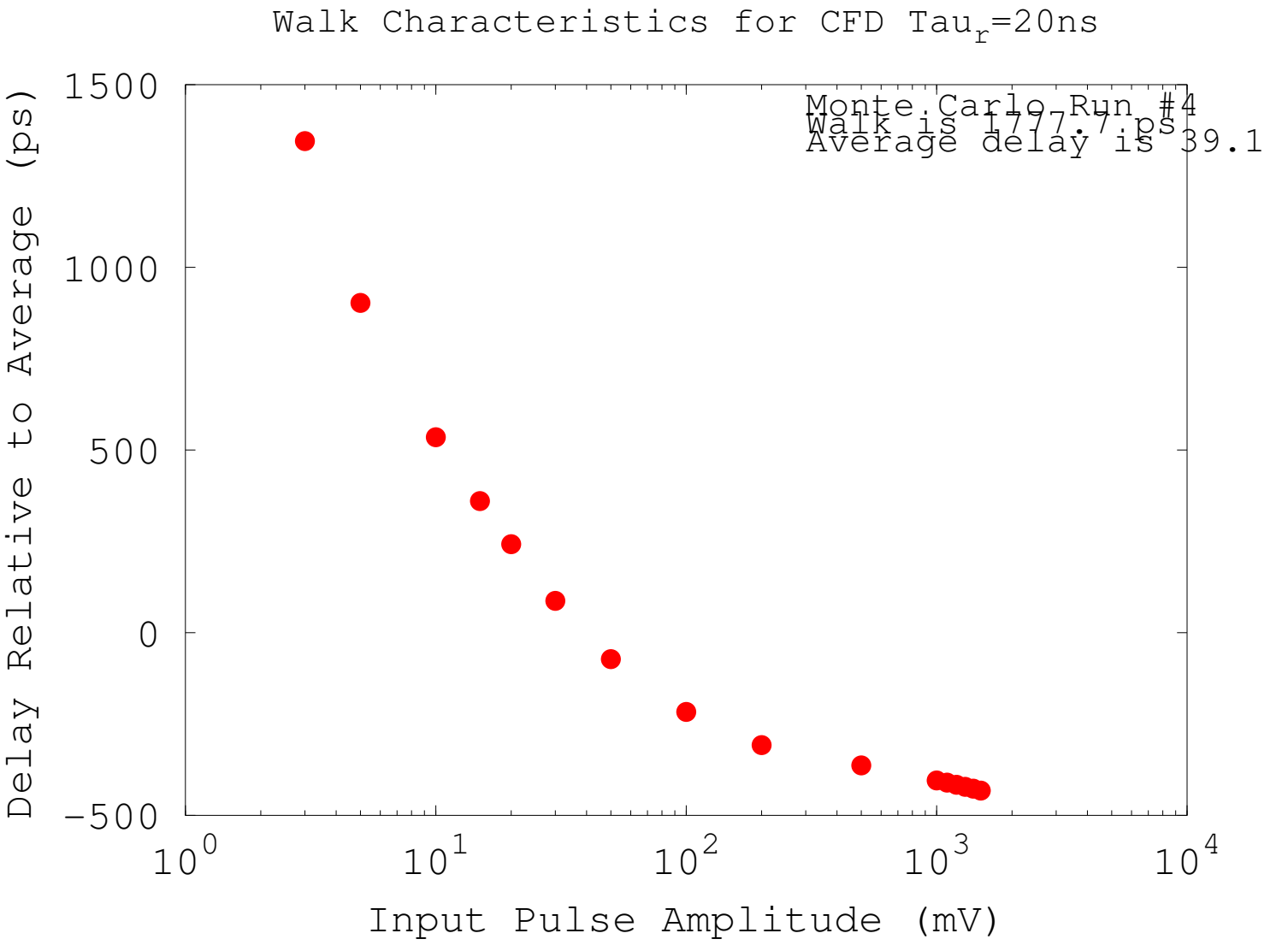

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #35
Walk is 1450.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

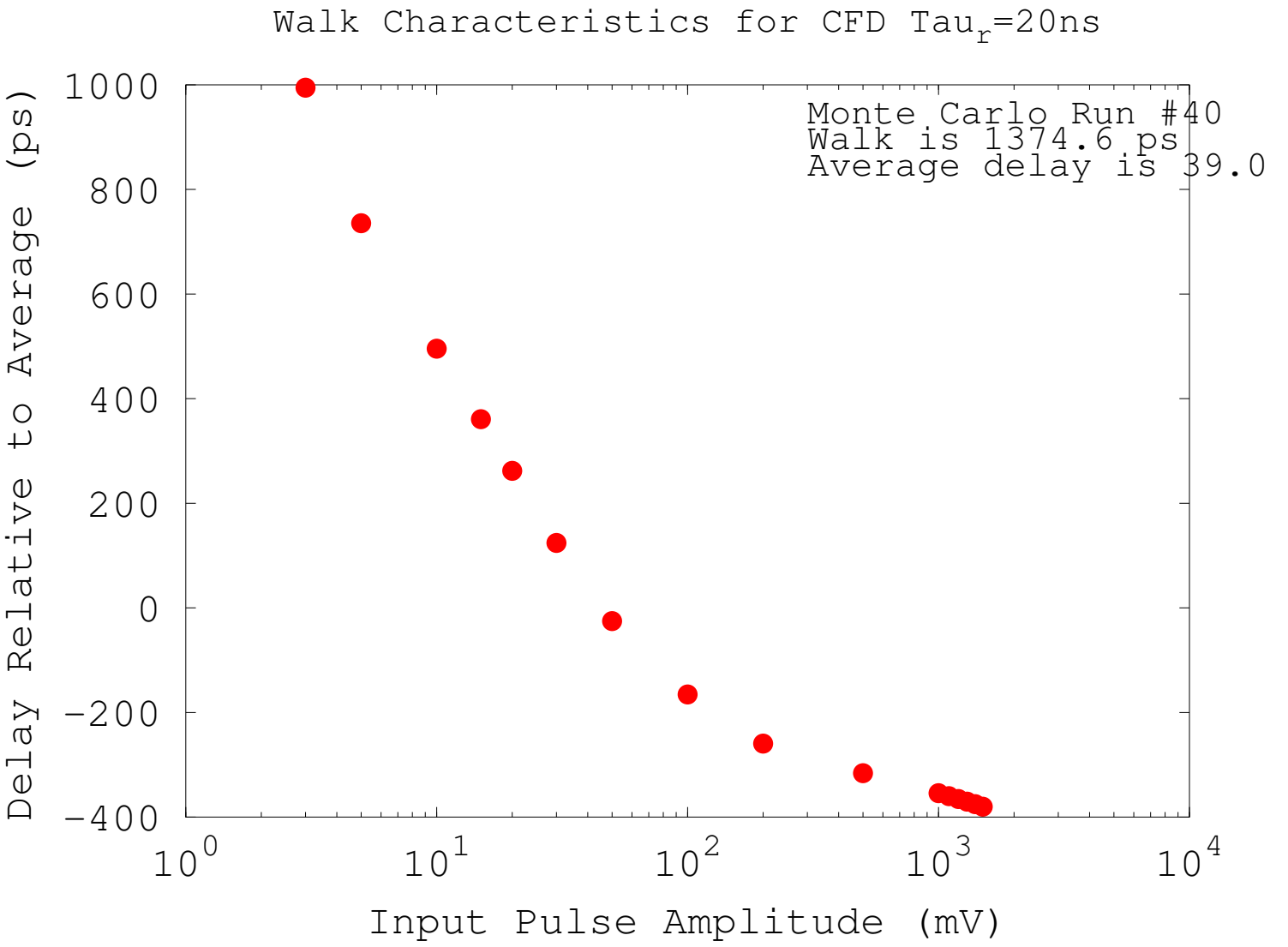

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #36
Walk is 1892.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

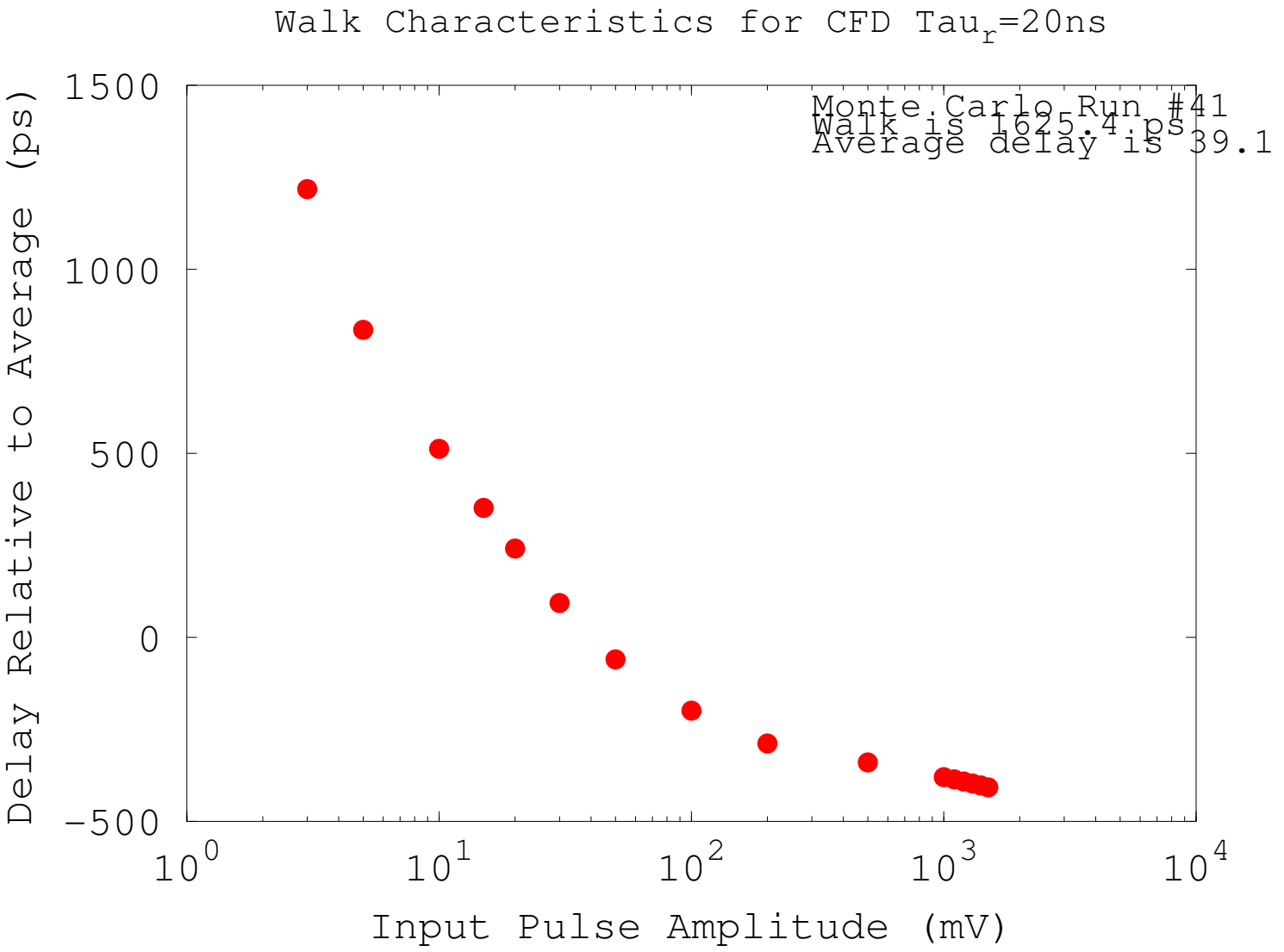

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #37
Walk is 1659.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

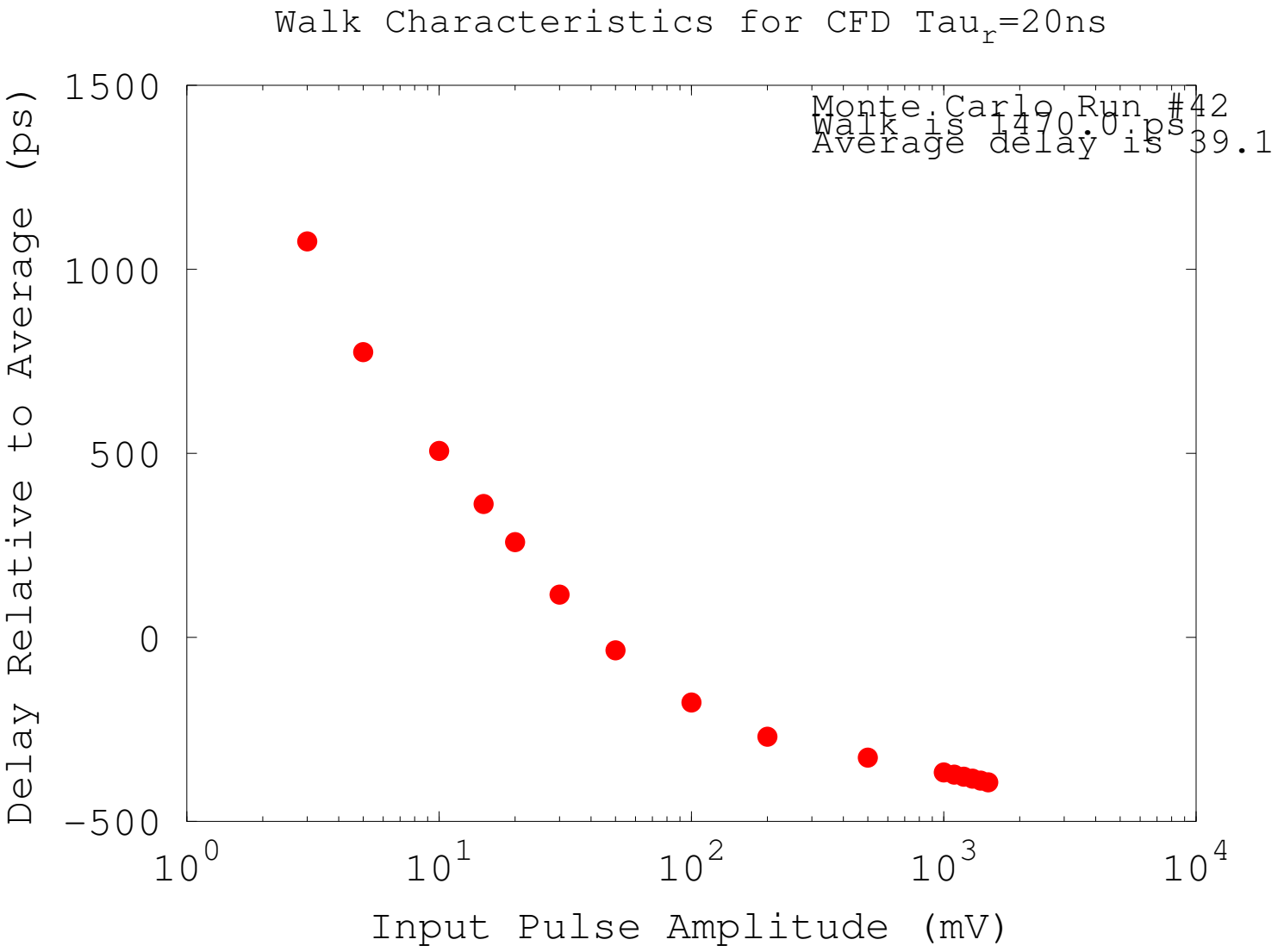

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #38
Walk is 1399.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

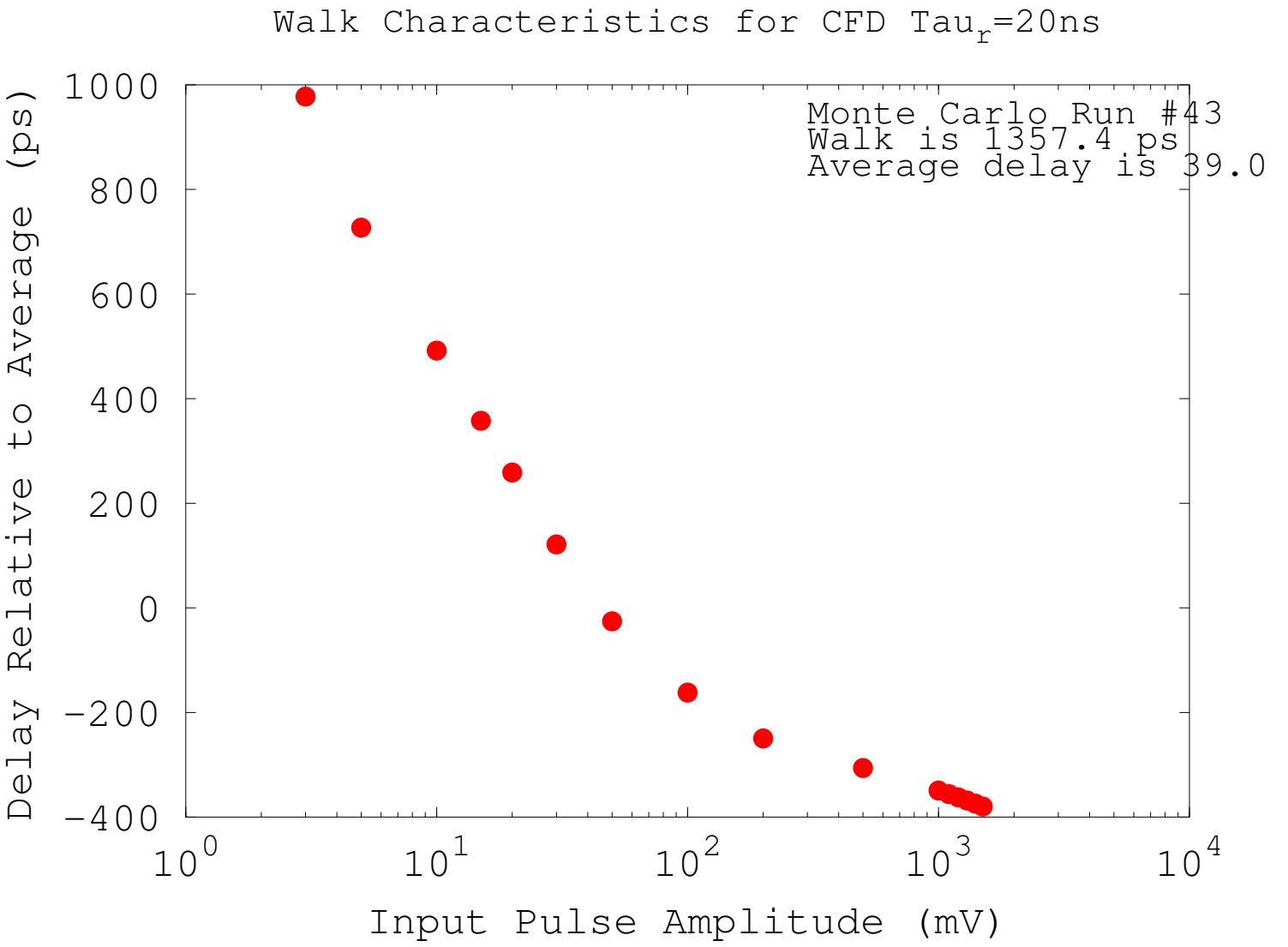

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #39
Walk is 1966.7 ps
Average delay is 39.2
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

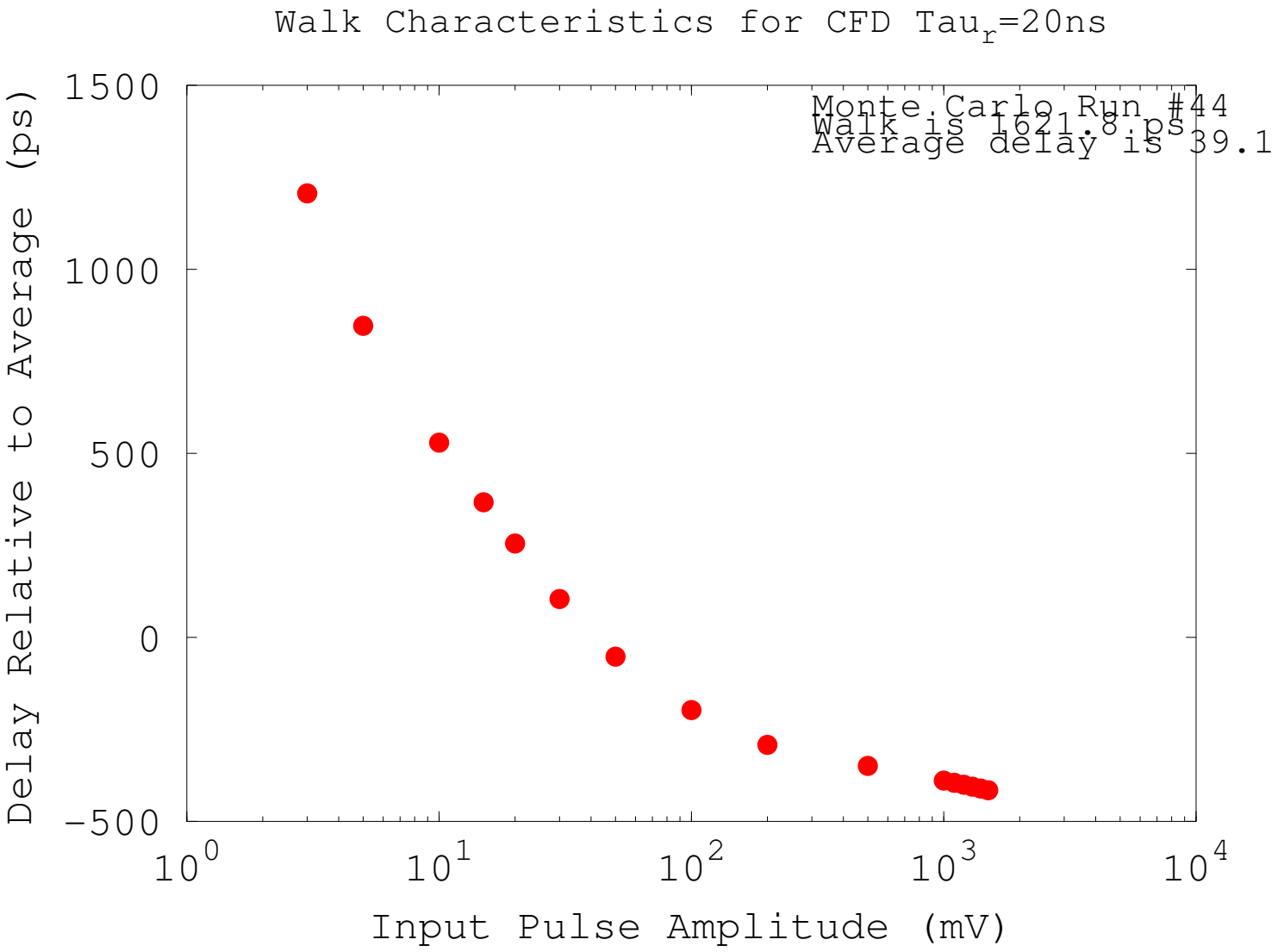

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #4
Walk is 1777.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

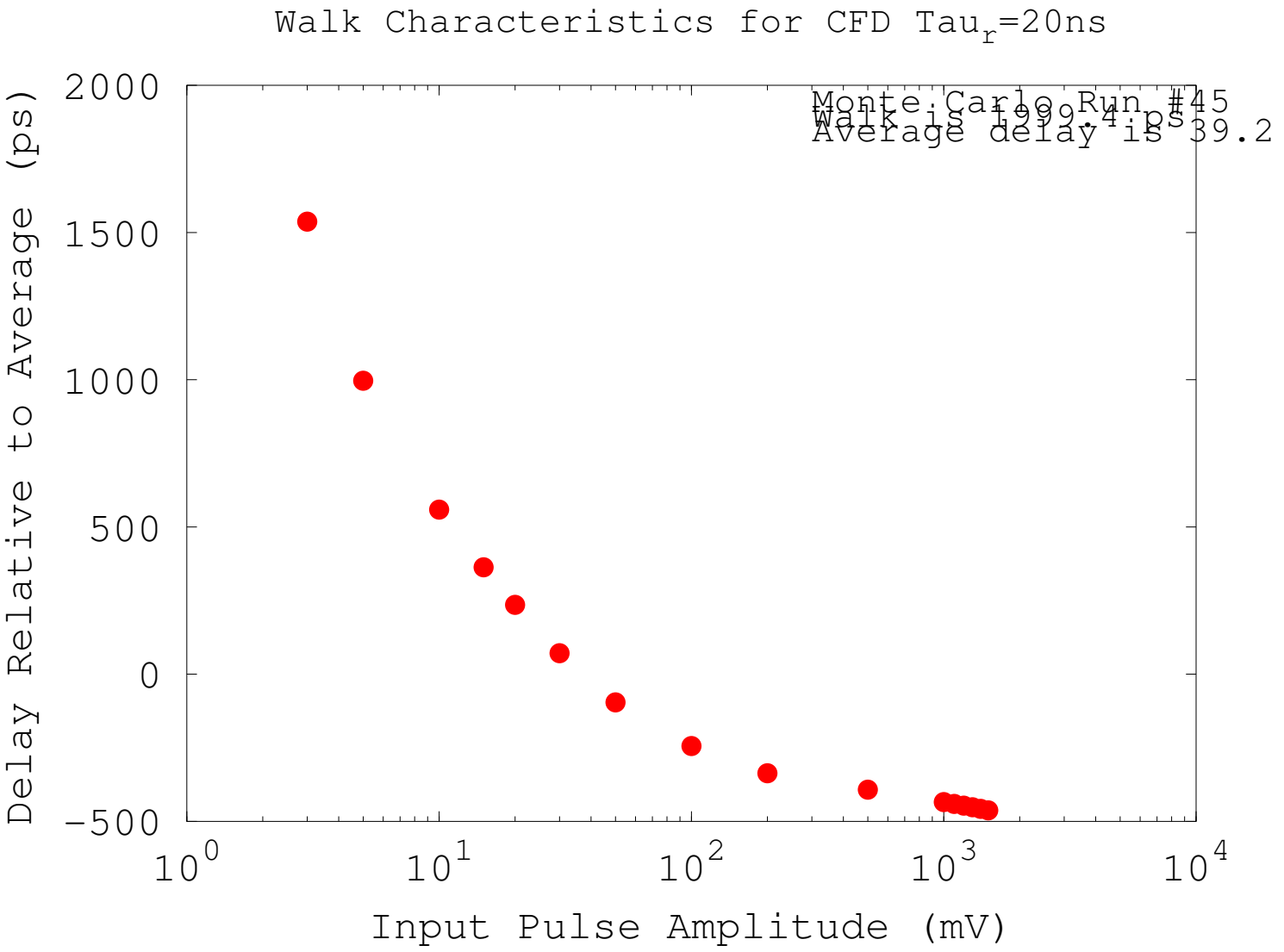

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #40
Walk is 1374.6 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

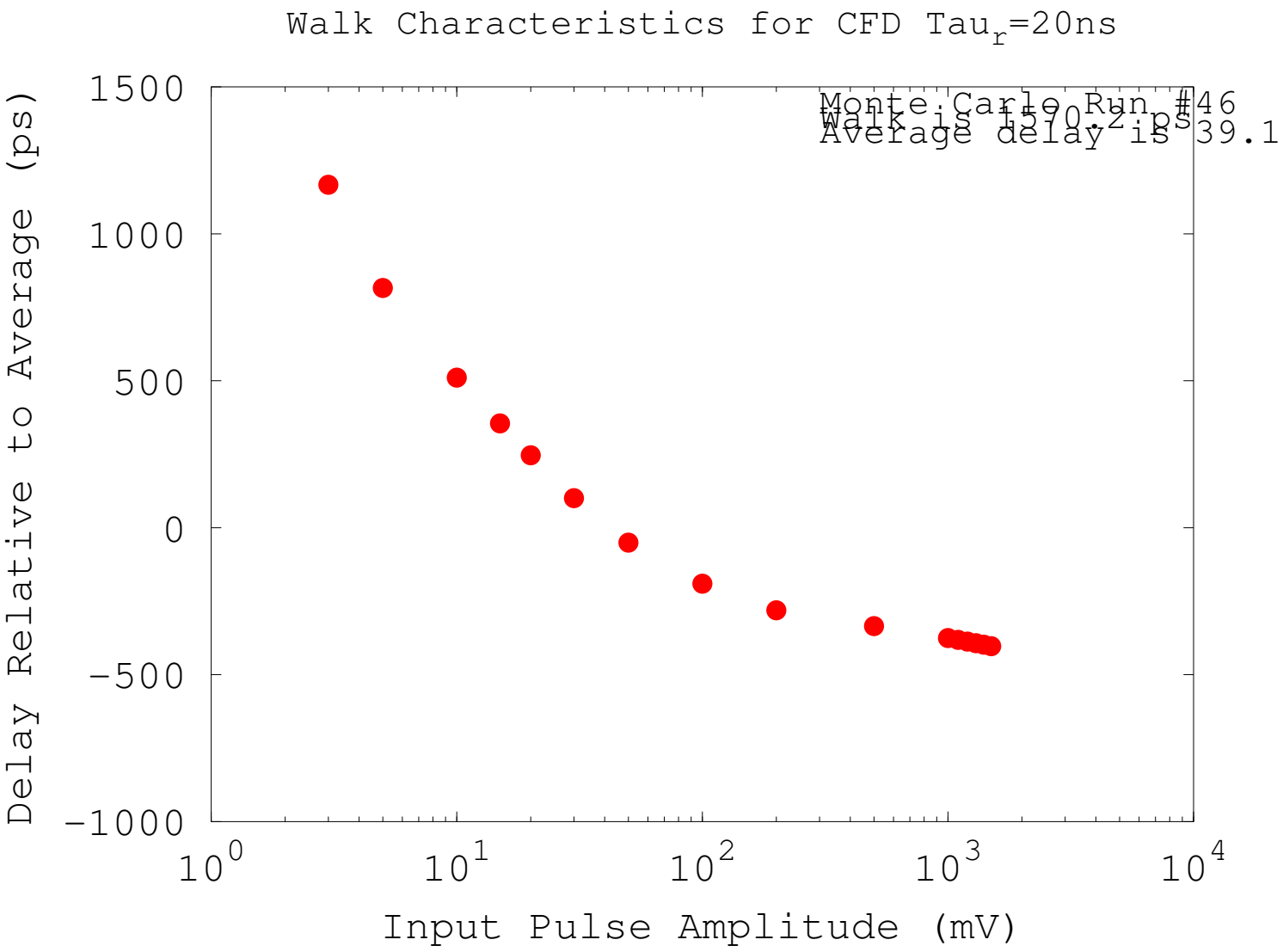

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #41
Walk is 1625.4 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

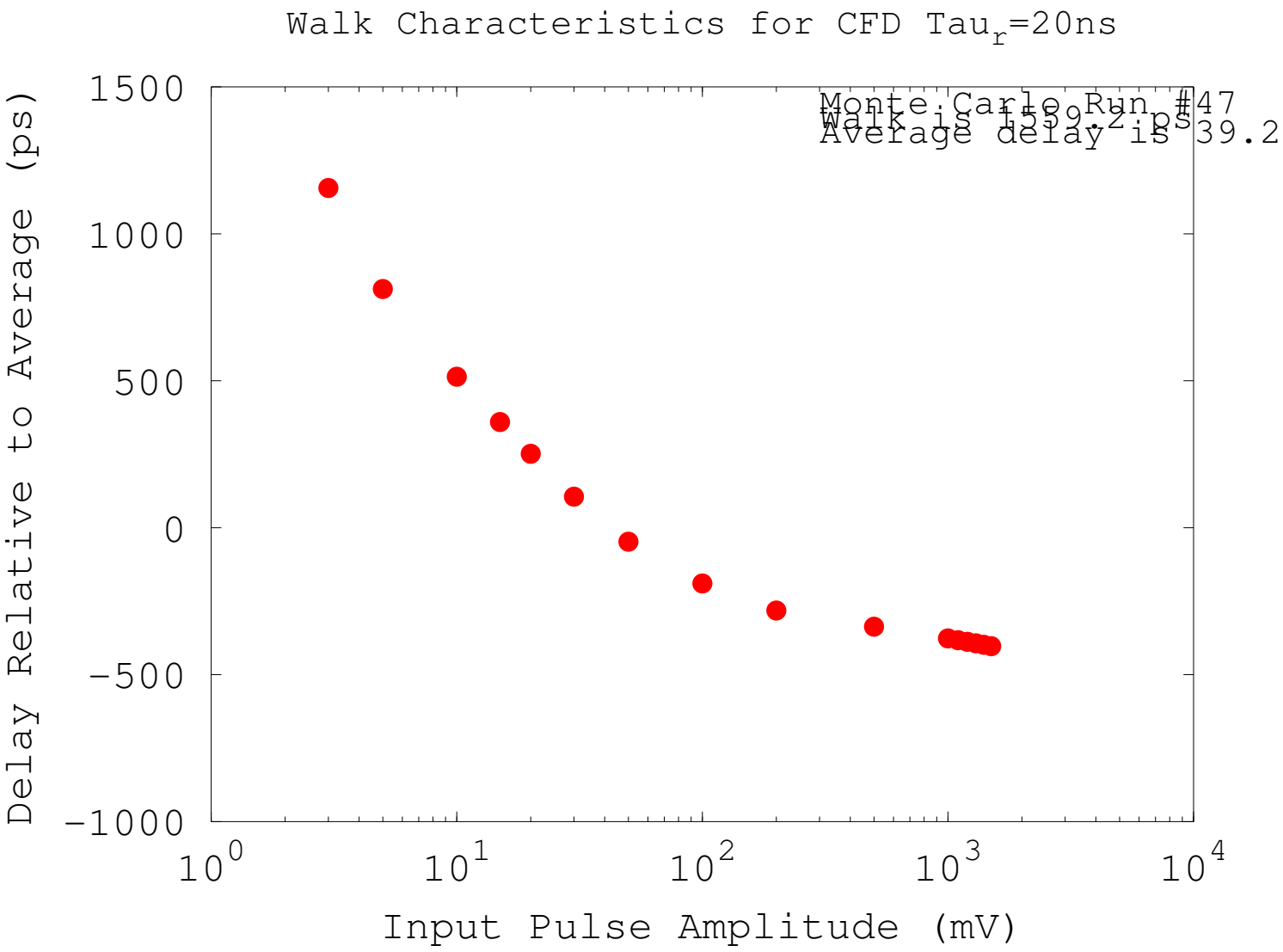

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #42
Walk is 1470.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

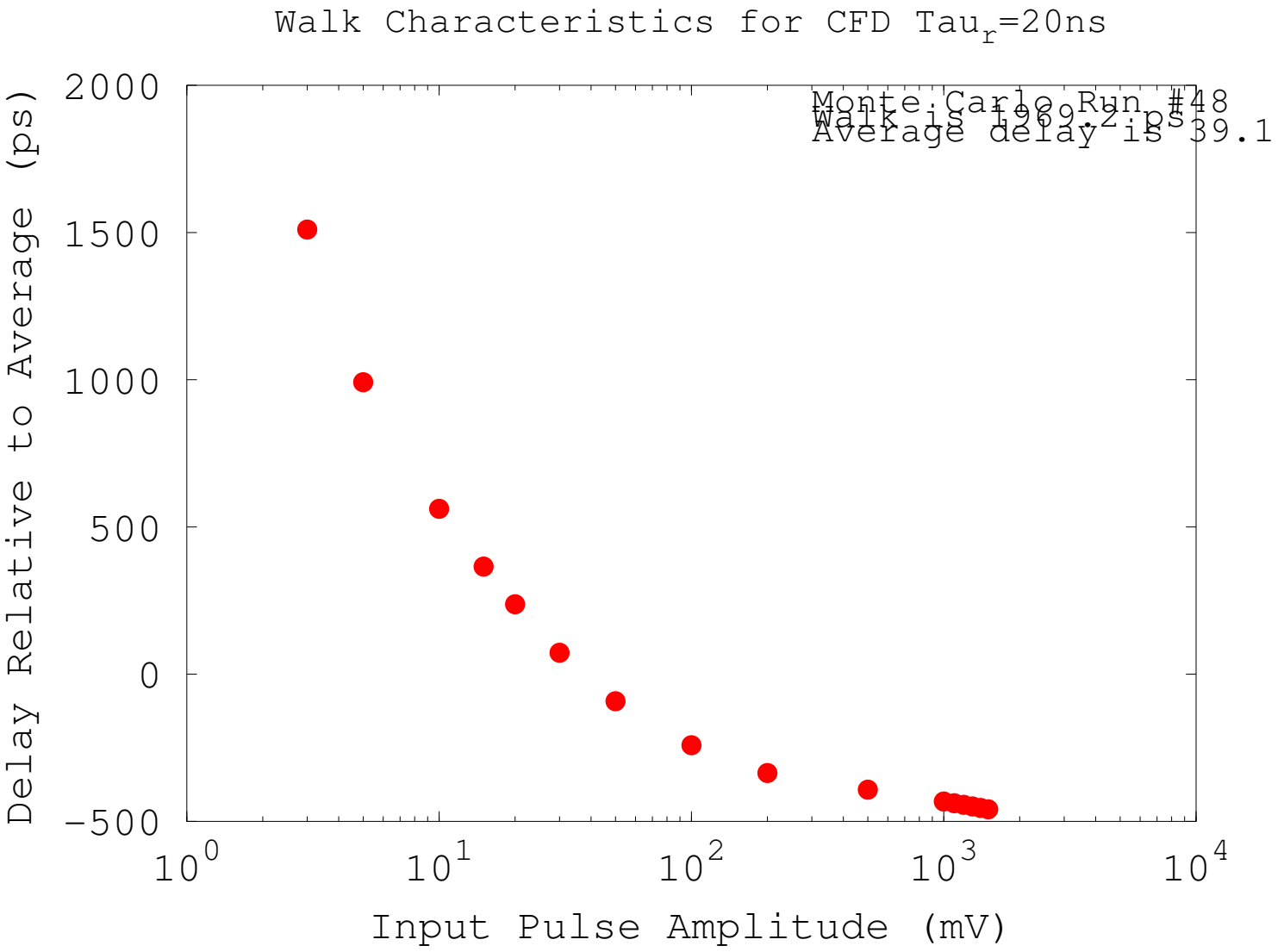

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #43
Walk is 1357.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

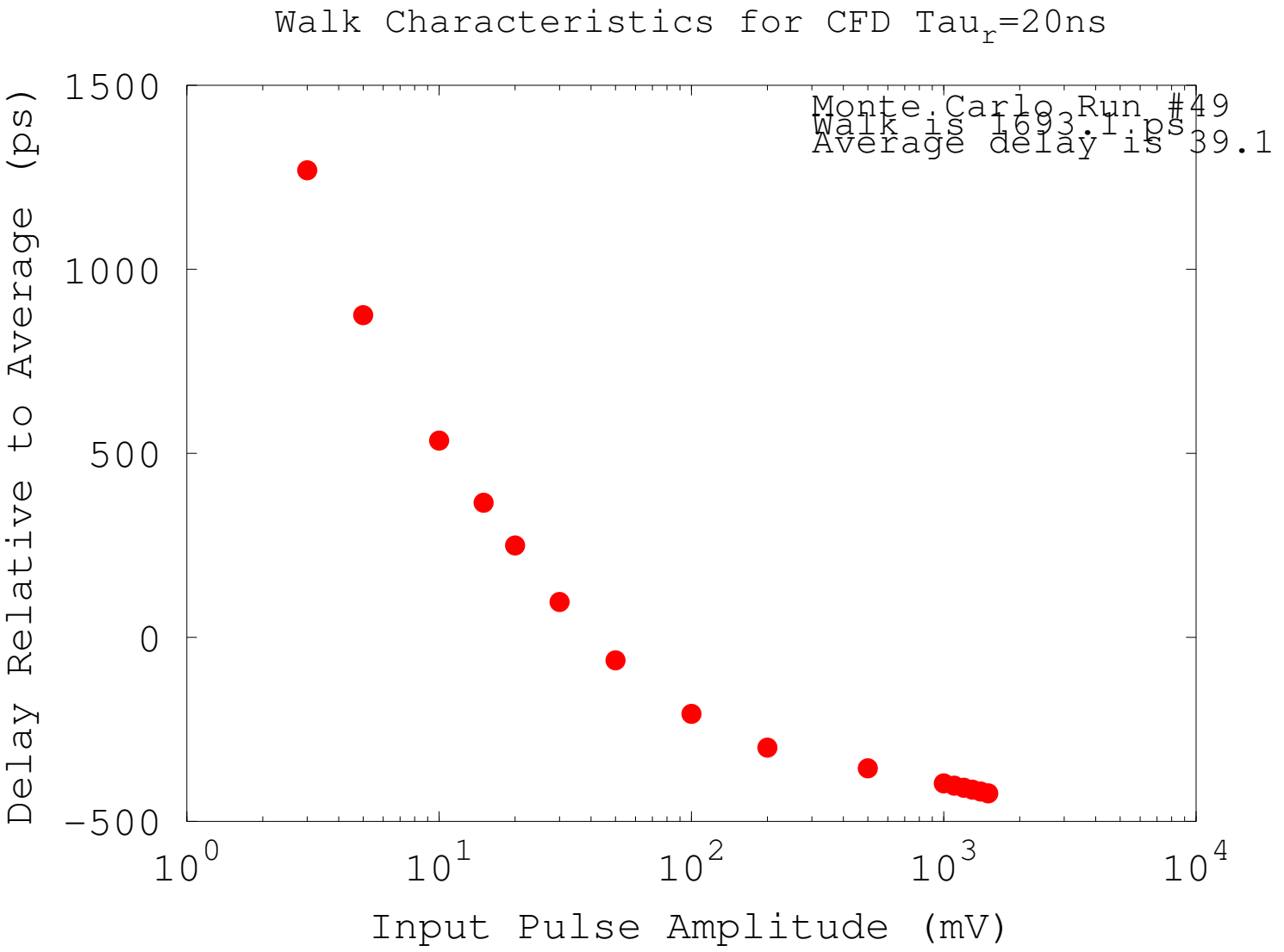

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #44
Walk is 1621.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

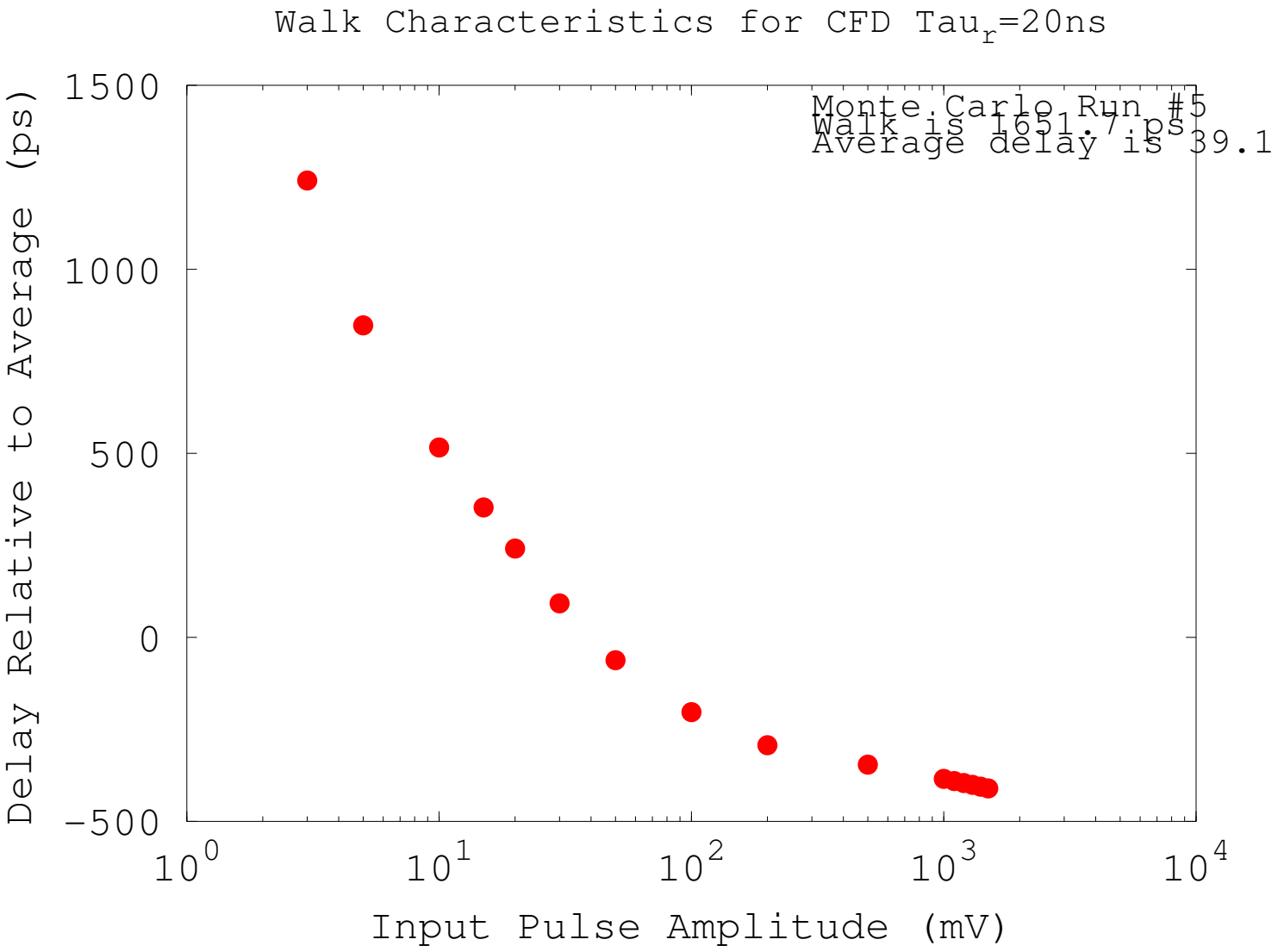

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #45
Walk is 1999.4 ps
Average delay is 39.2
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

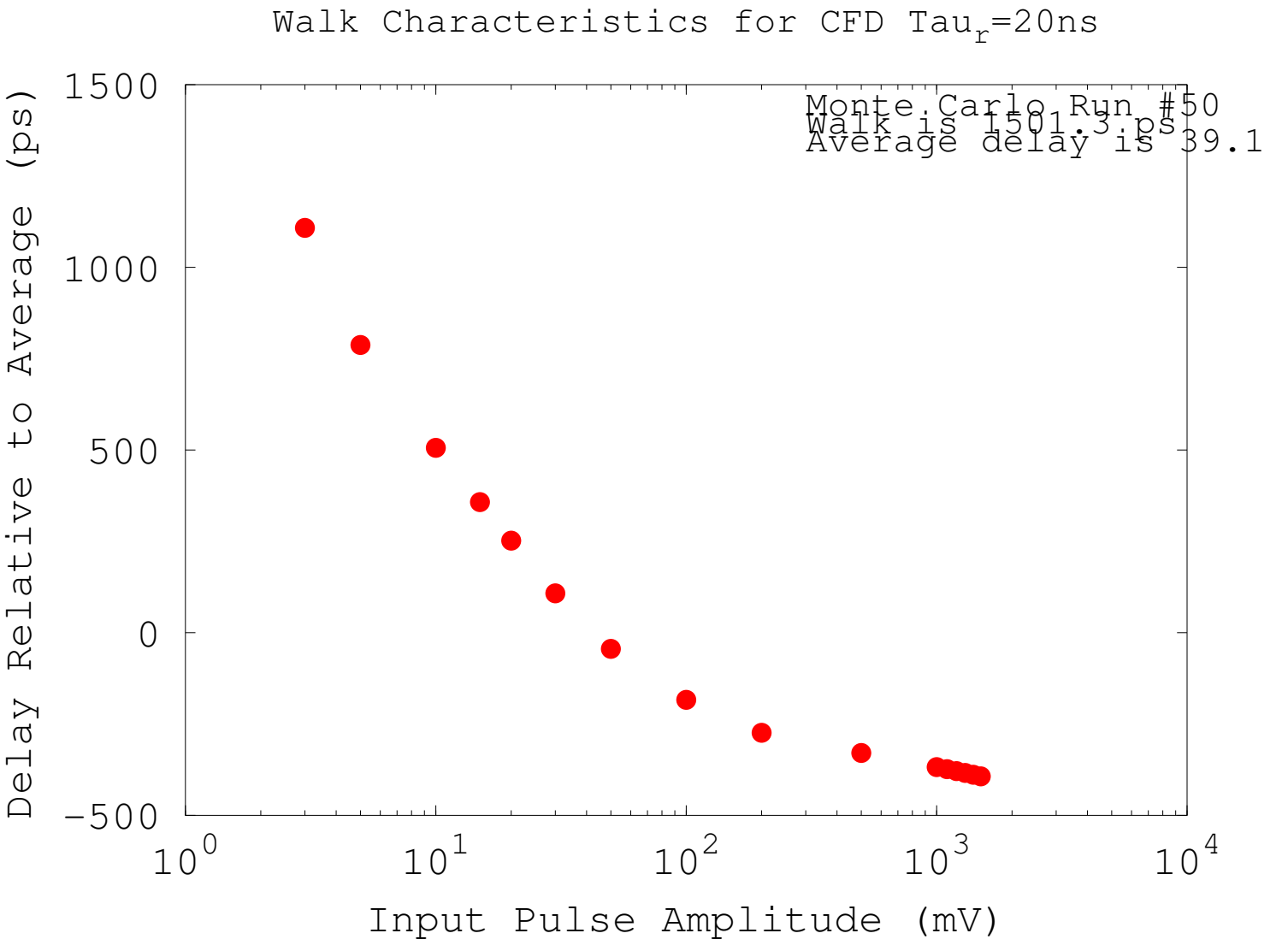

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #46
Walk is 1570.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

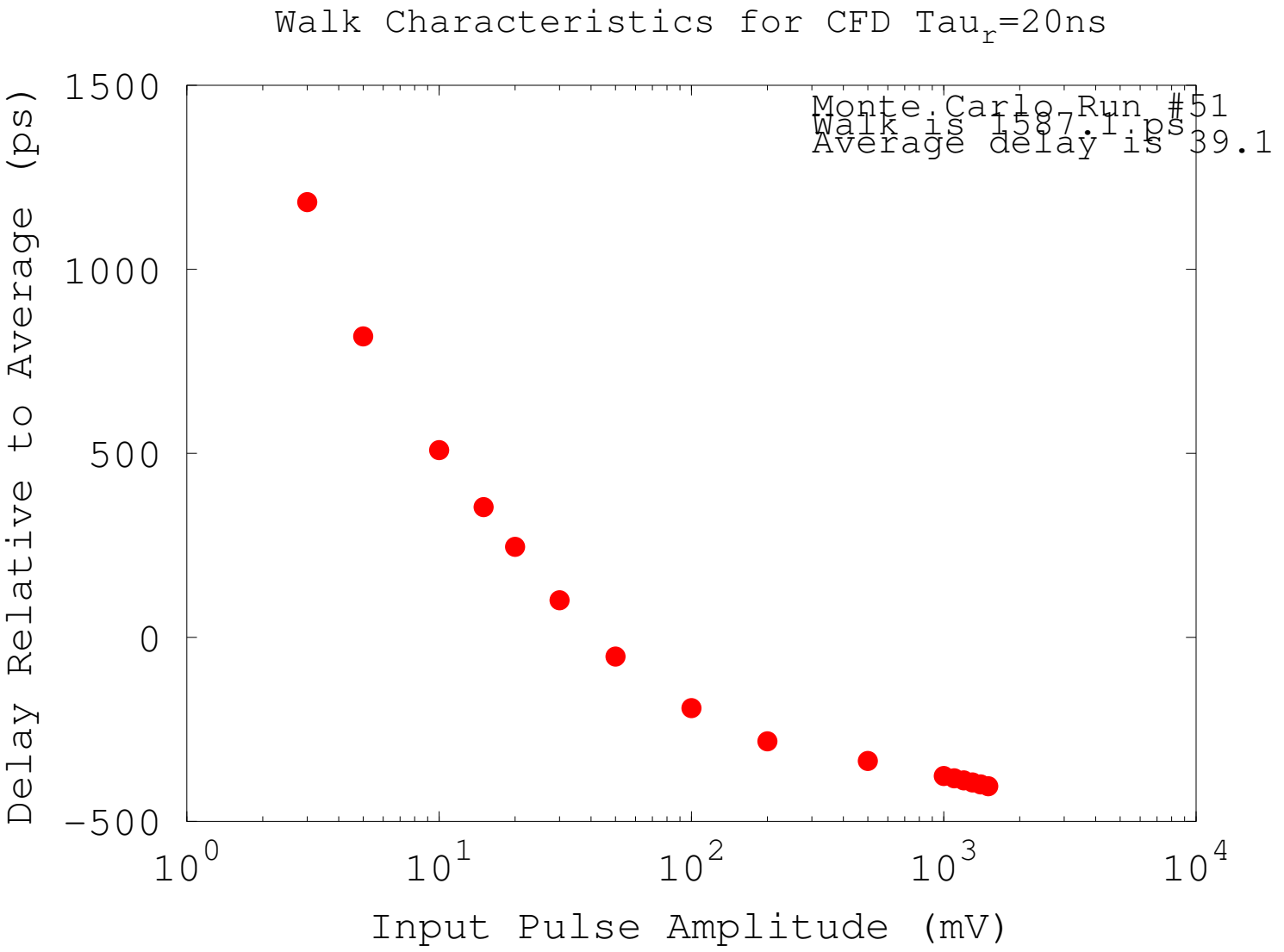

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #47
Walk is 1599.2 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

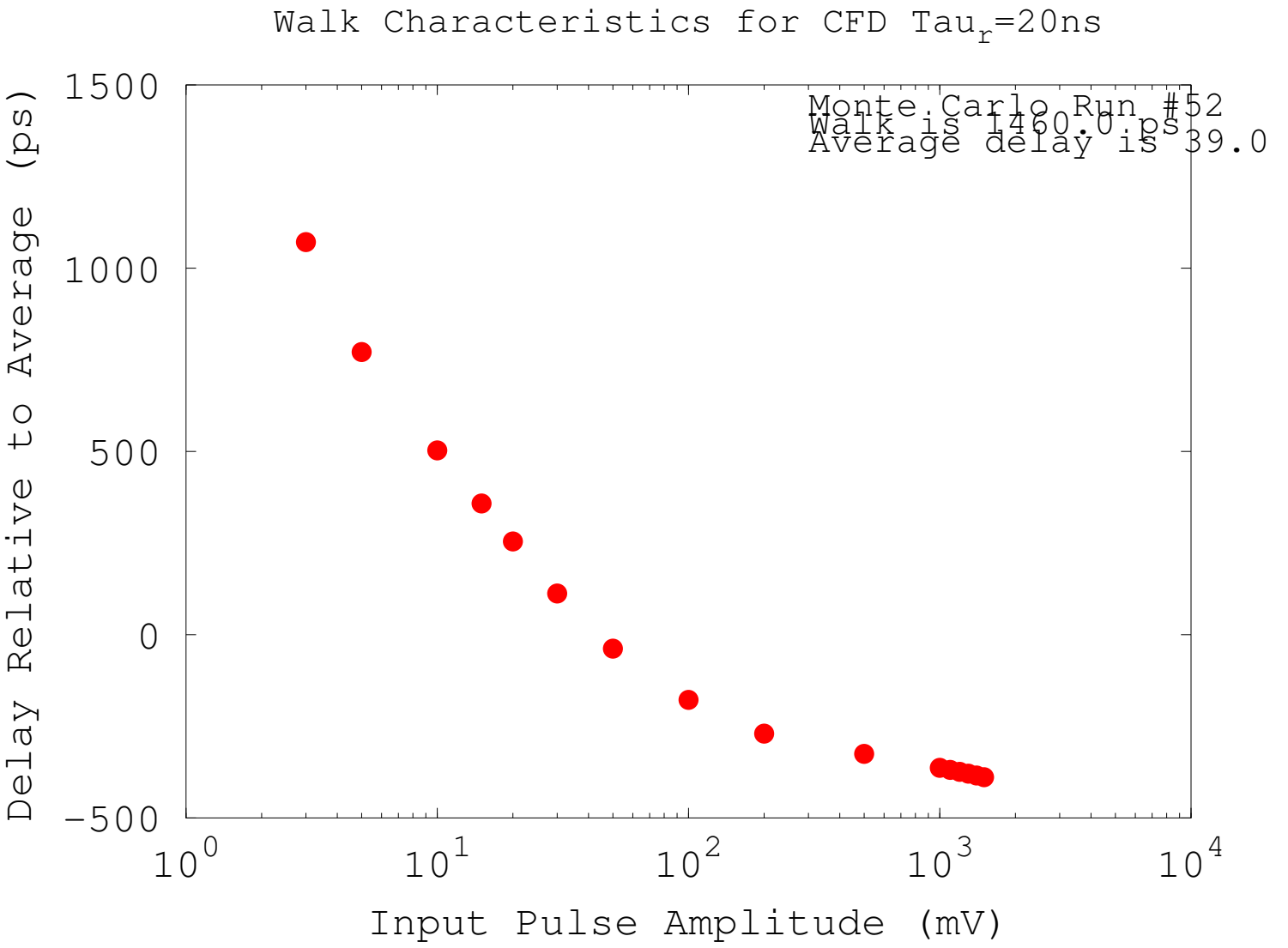

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #48
Walk is 1969.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

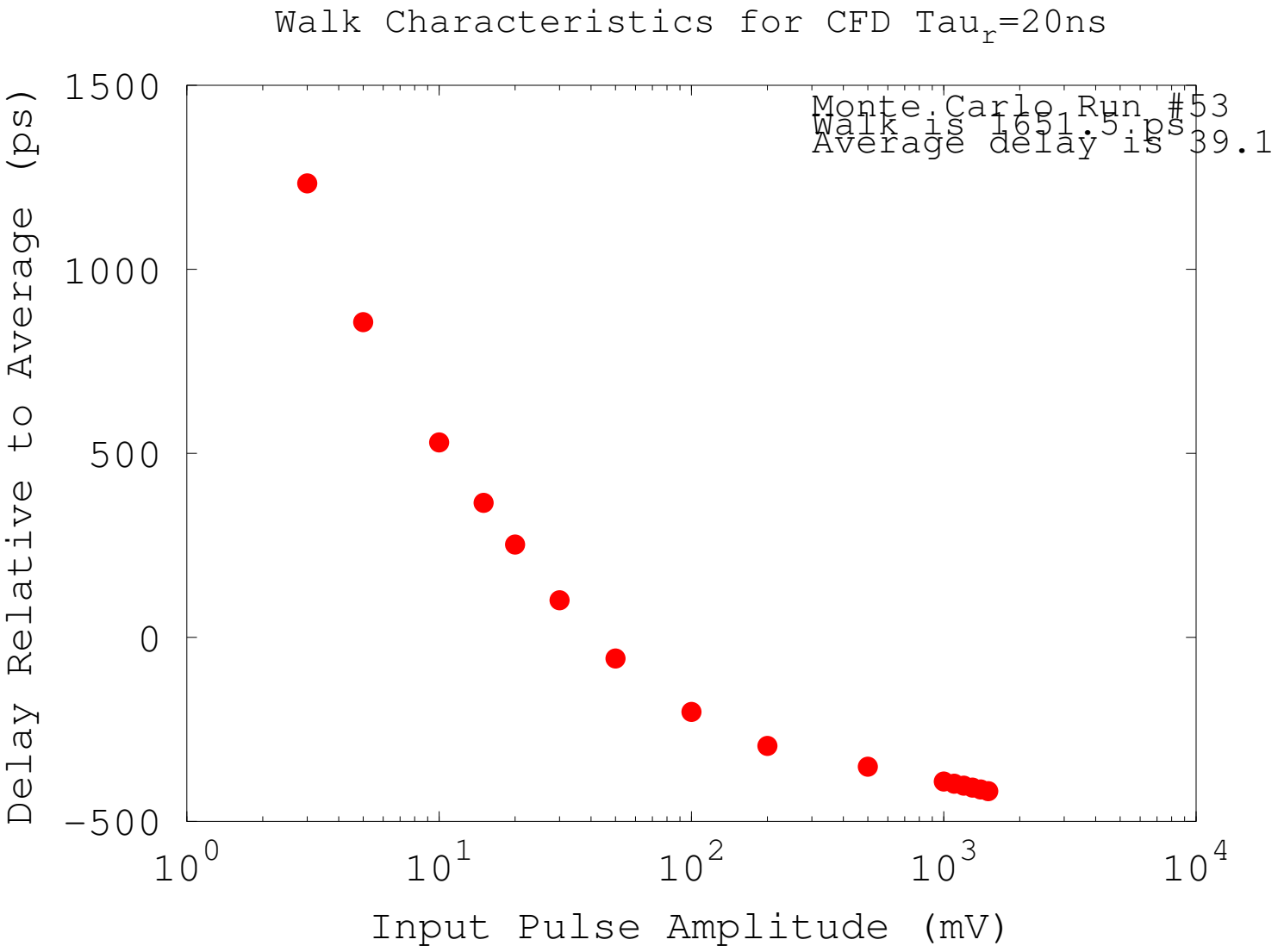

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #49
Walk is 1693.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

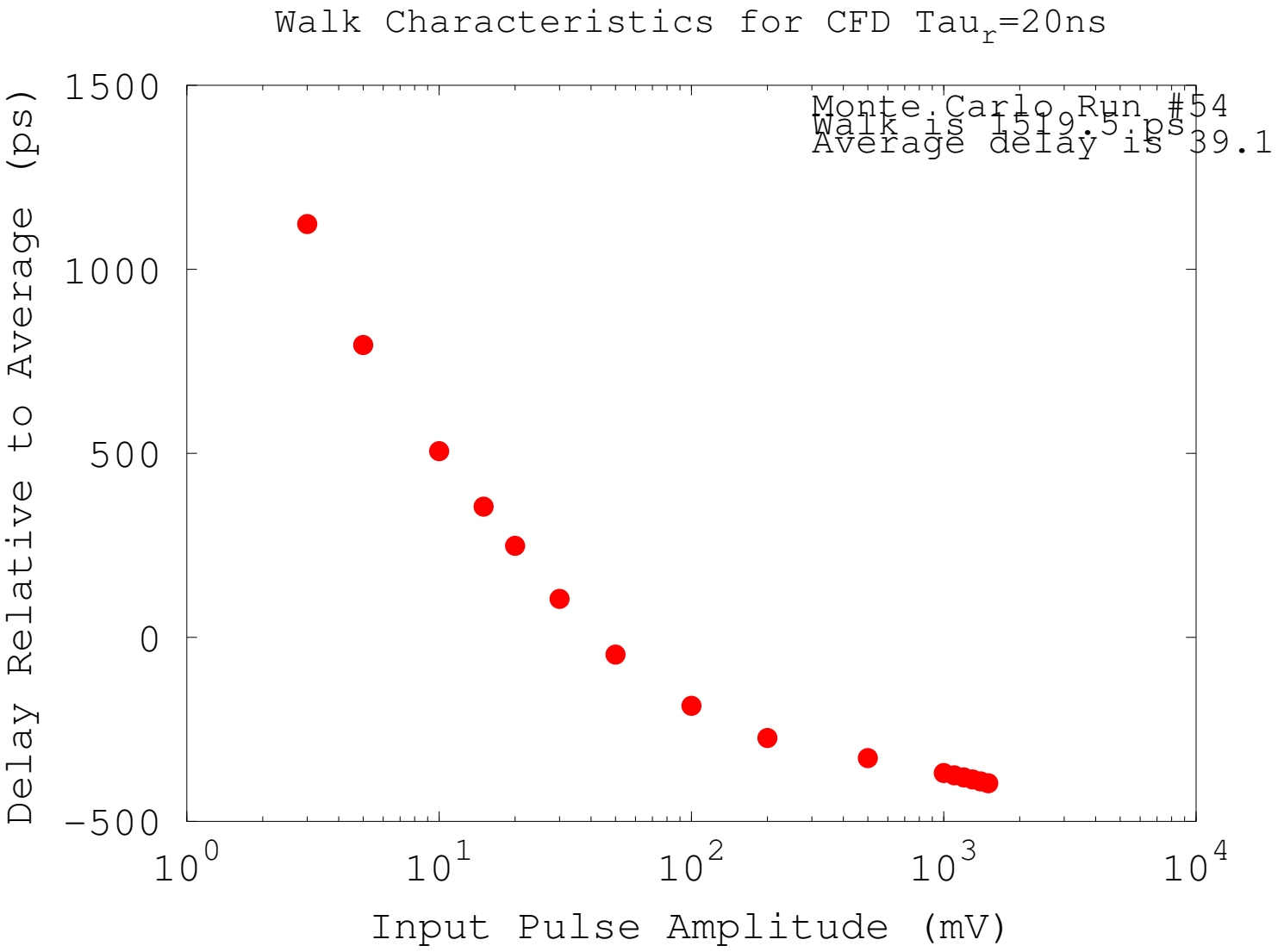

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #5
Walk is 1651.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

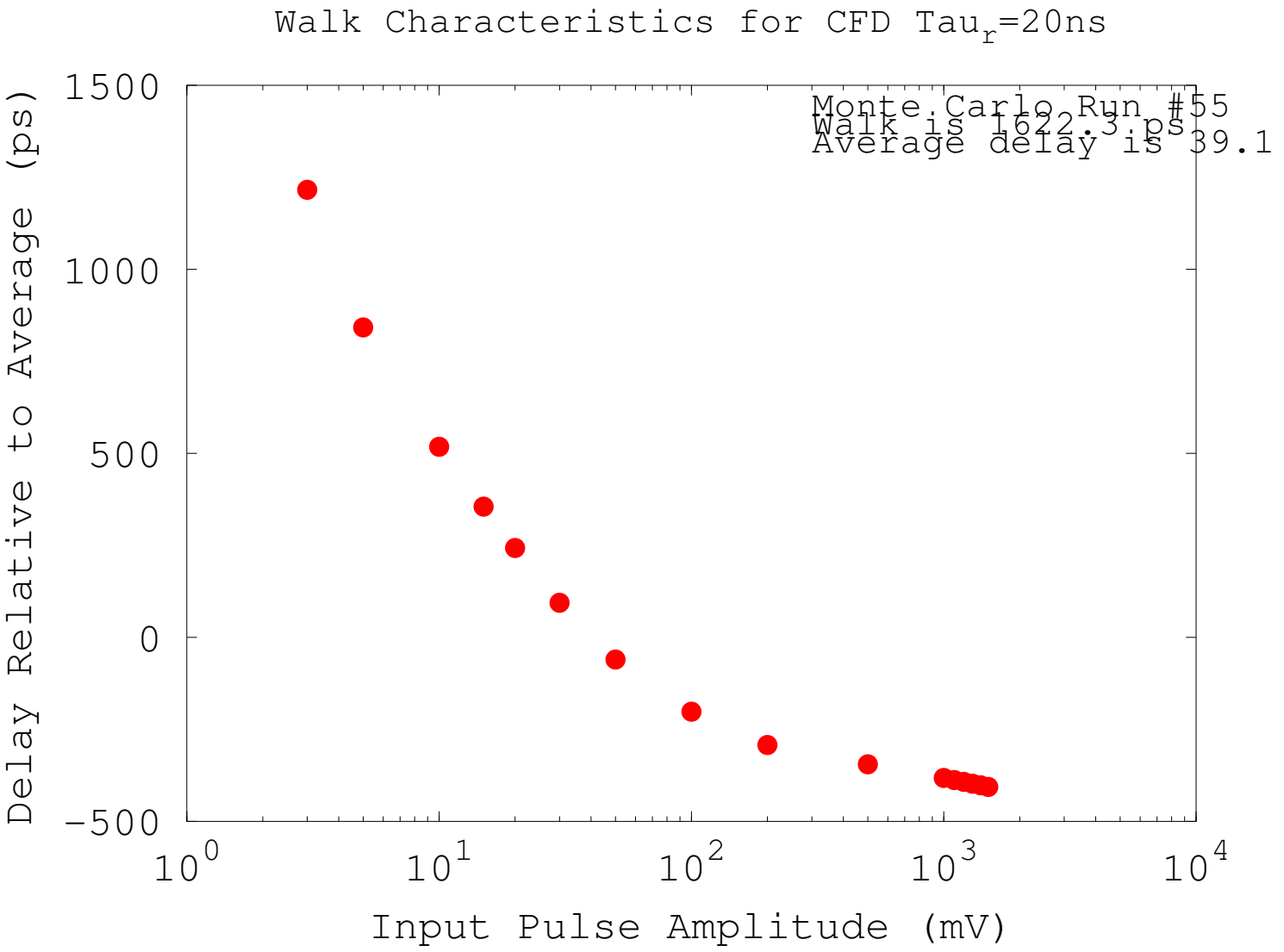

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #50
Walk is 1501.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

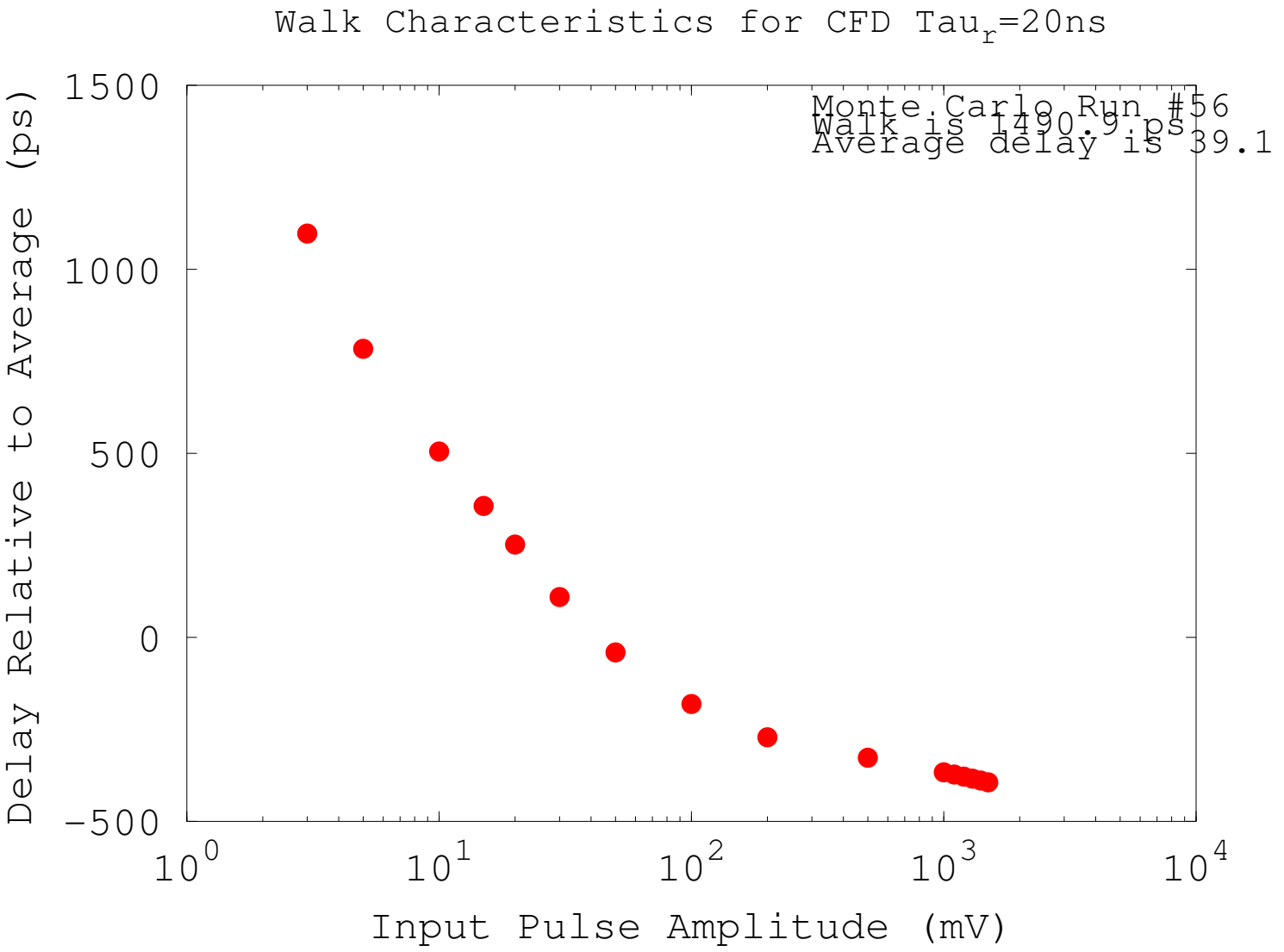

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #51
Walk is 1587.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

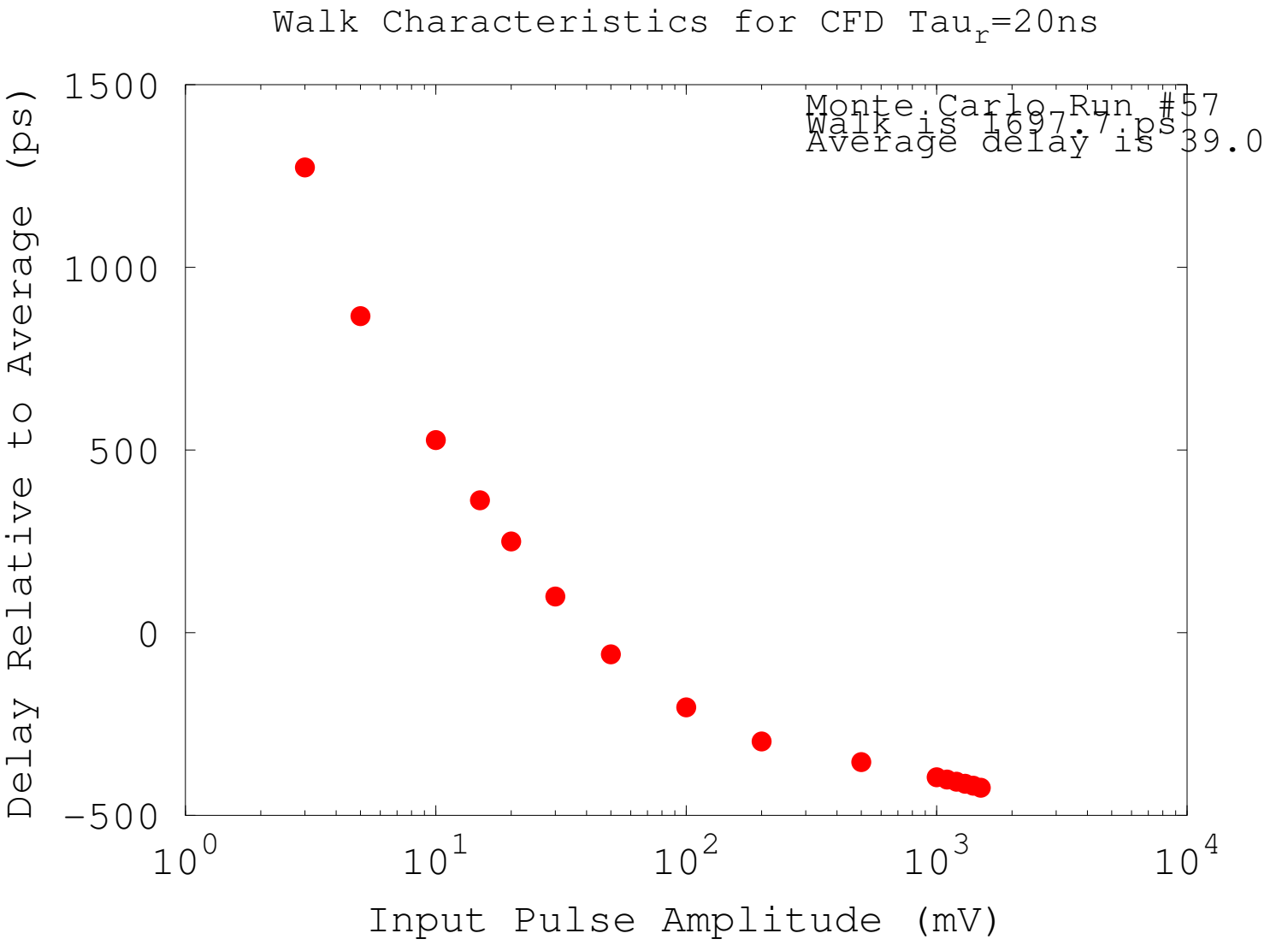

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #52
Walk is 1460.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

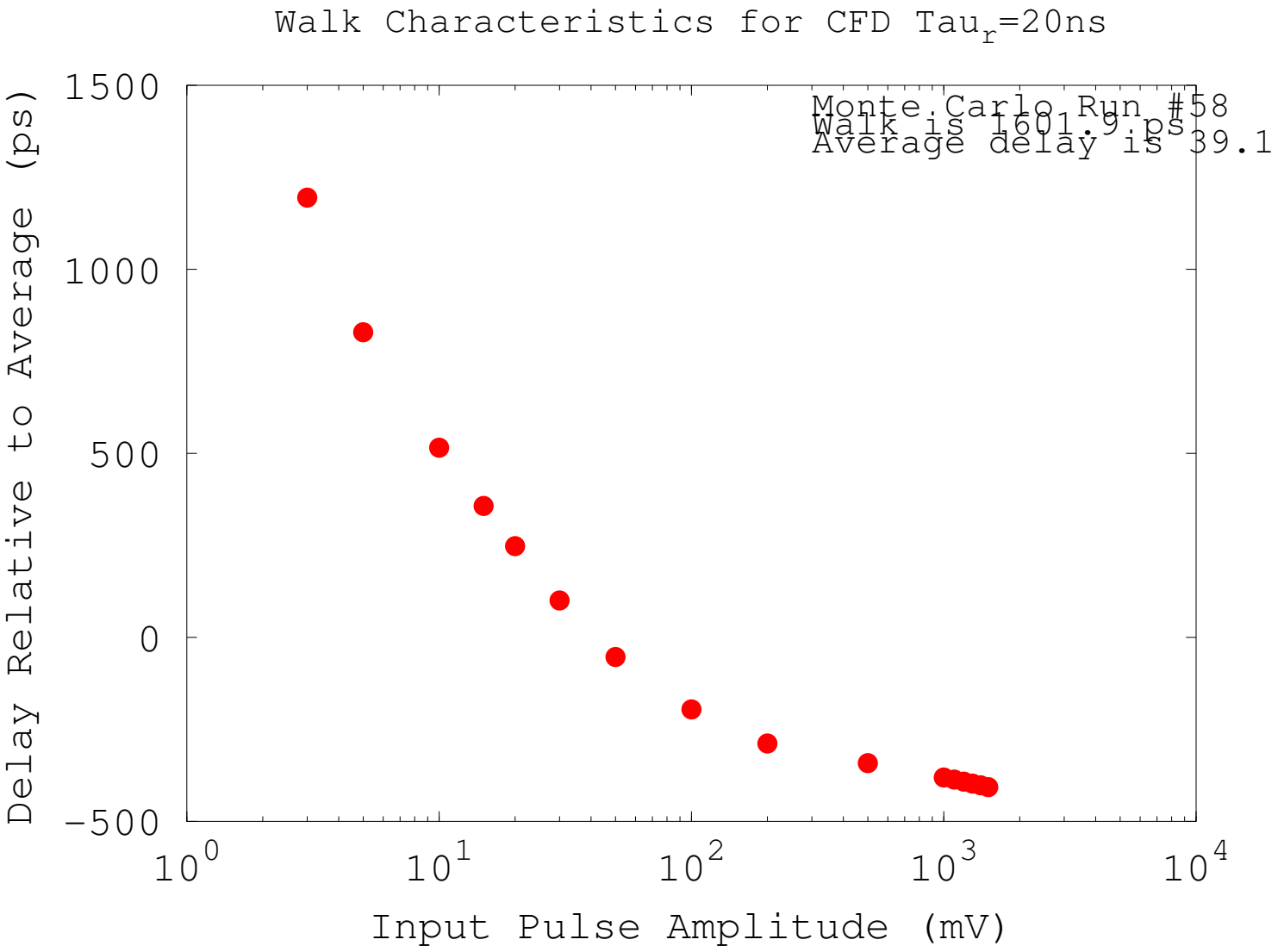

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #53
Walk is 1651.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

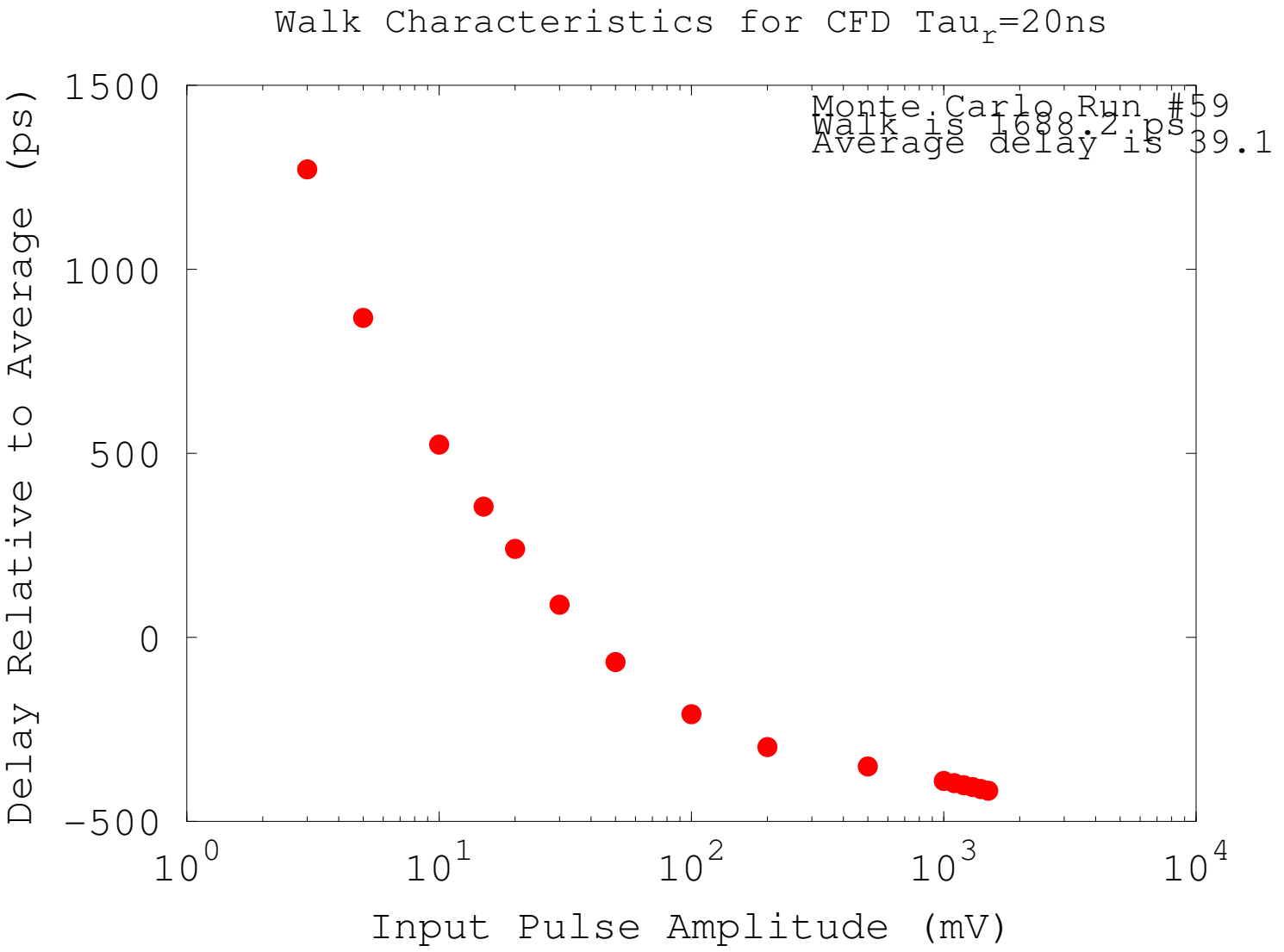

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #54
Walk is 1519.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

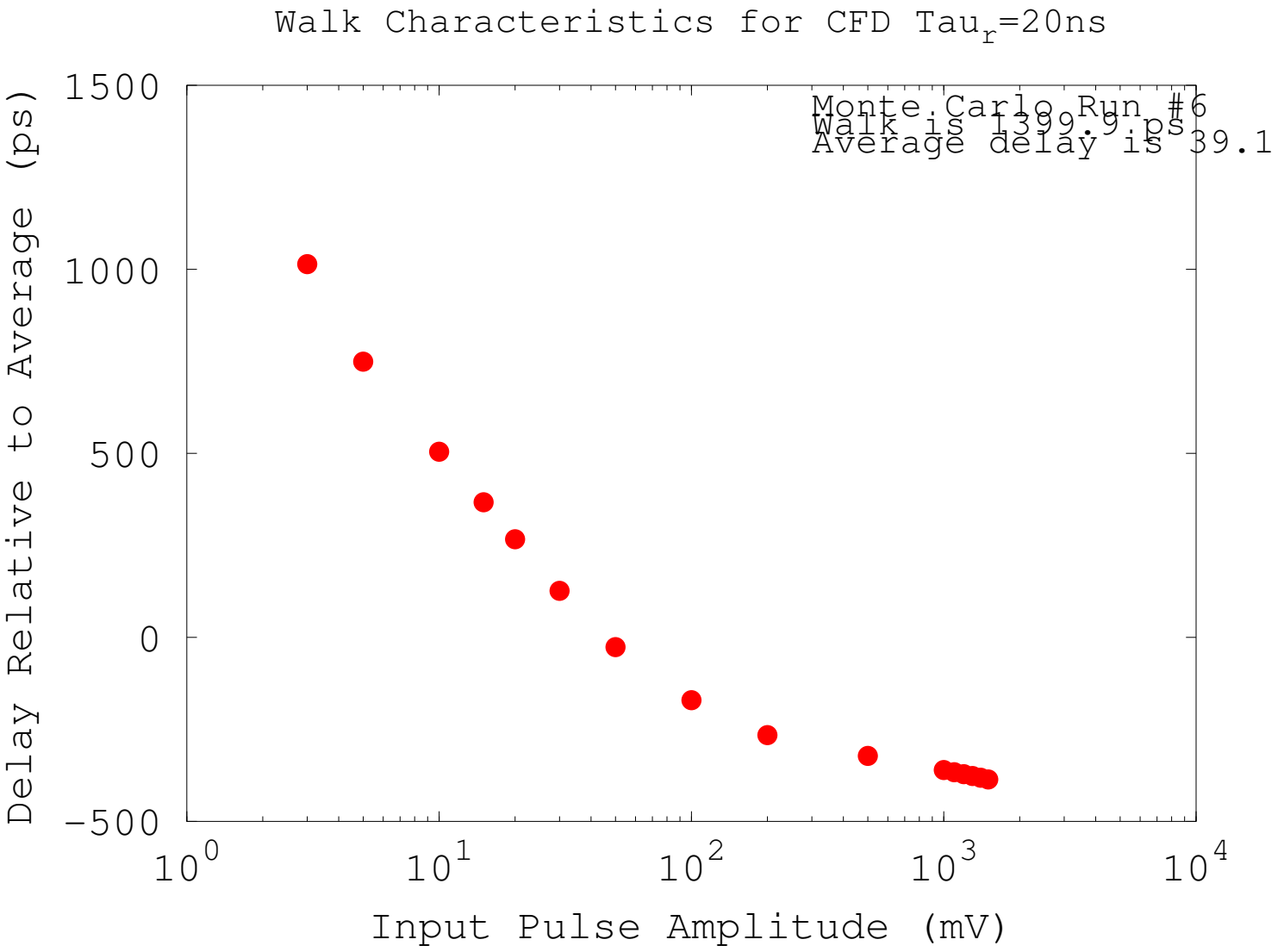

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #55
Walk is 1622.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

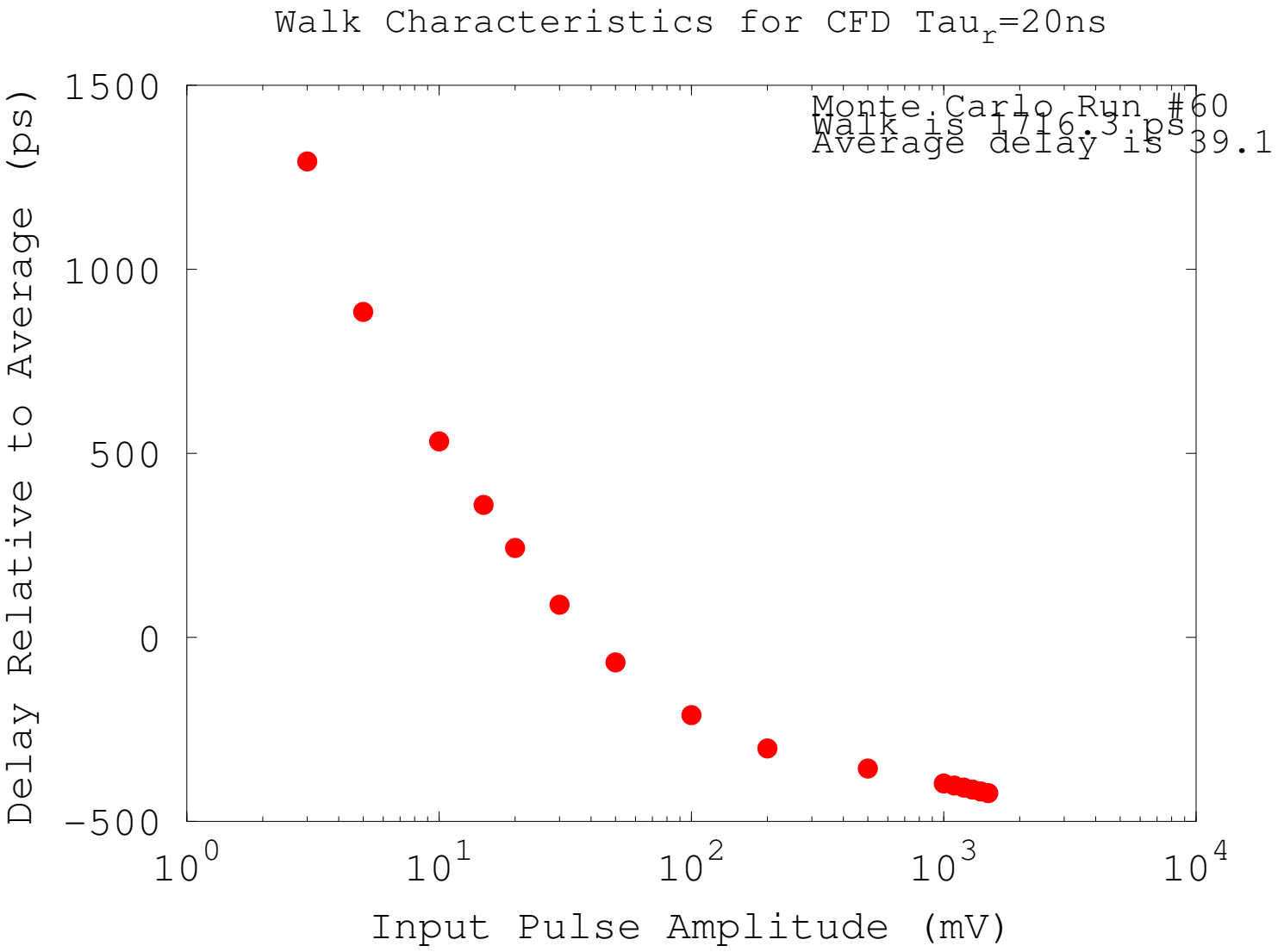

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #56
Walk is 1490.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

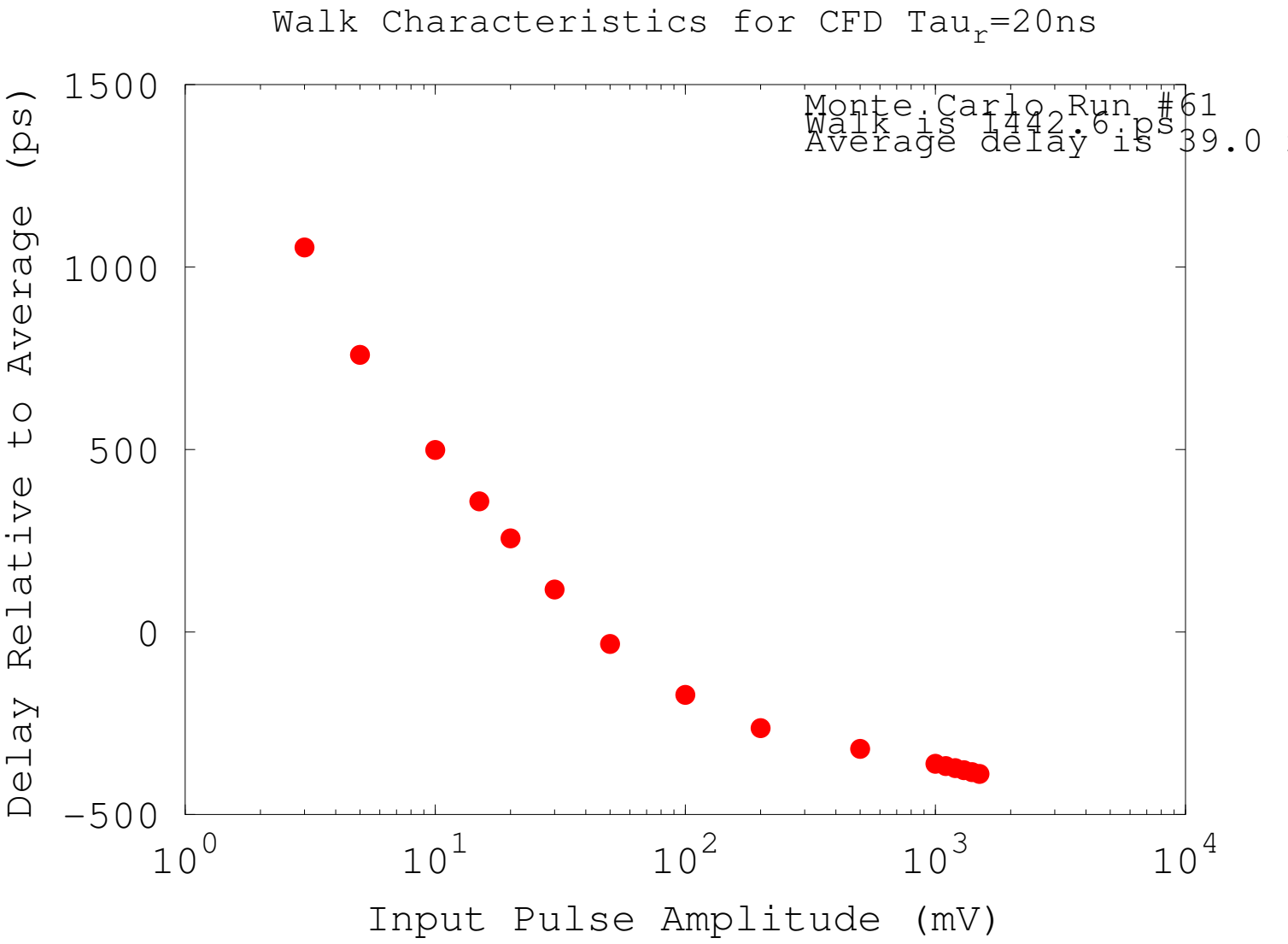

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #57
Walk is 1697.7 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

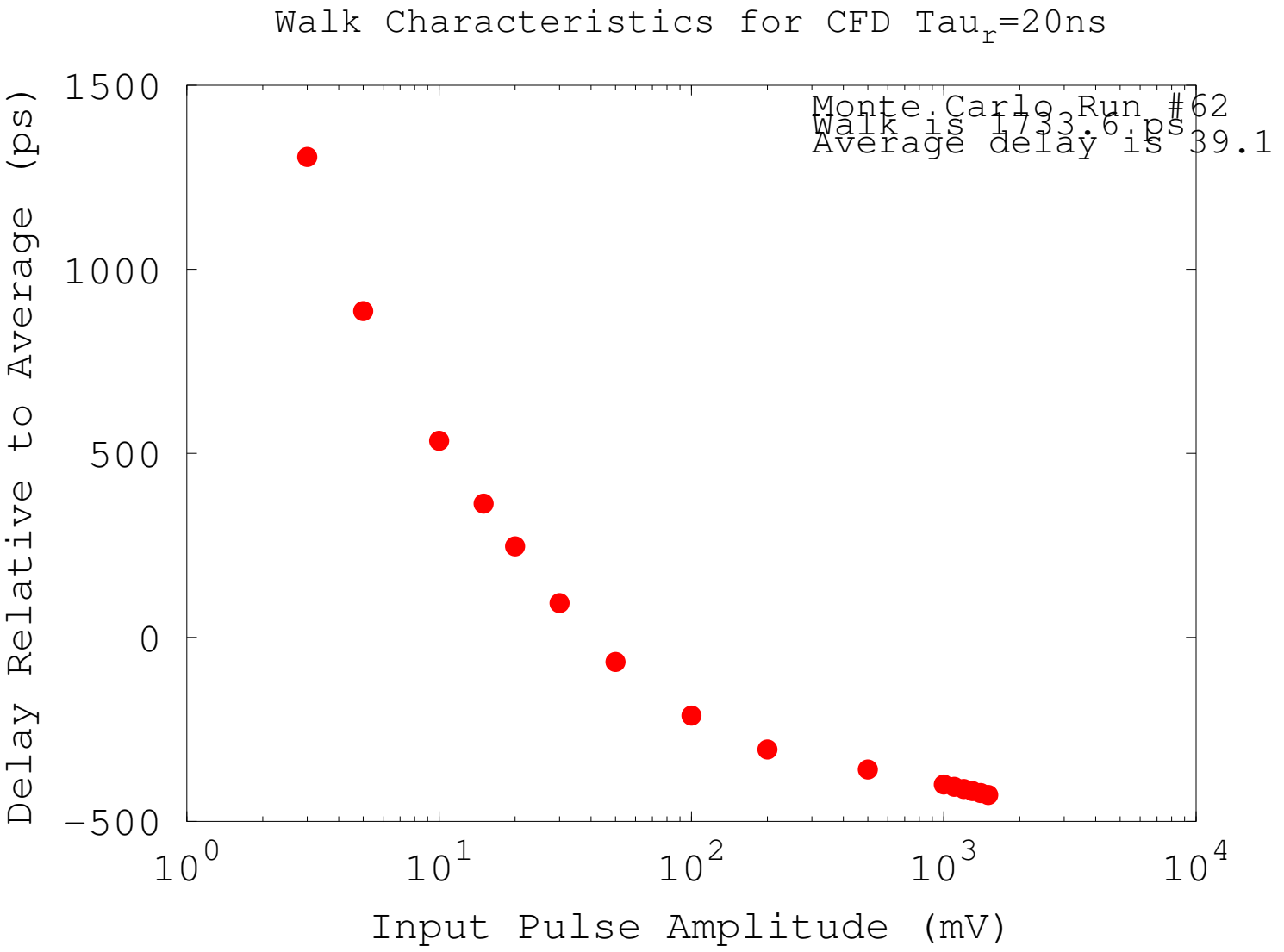

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #58
Walk is 1601.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

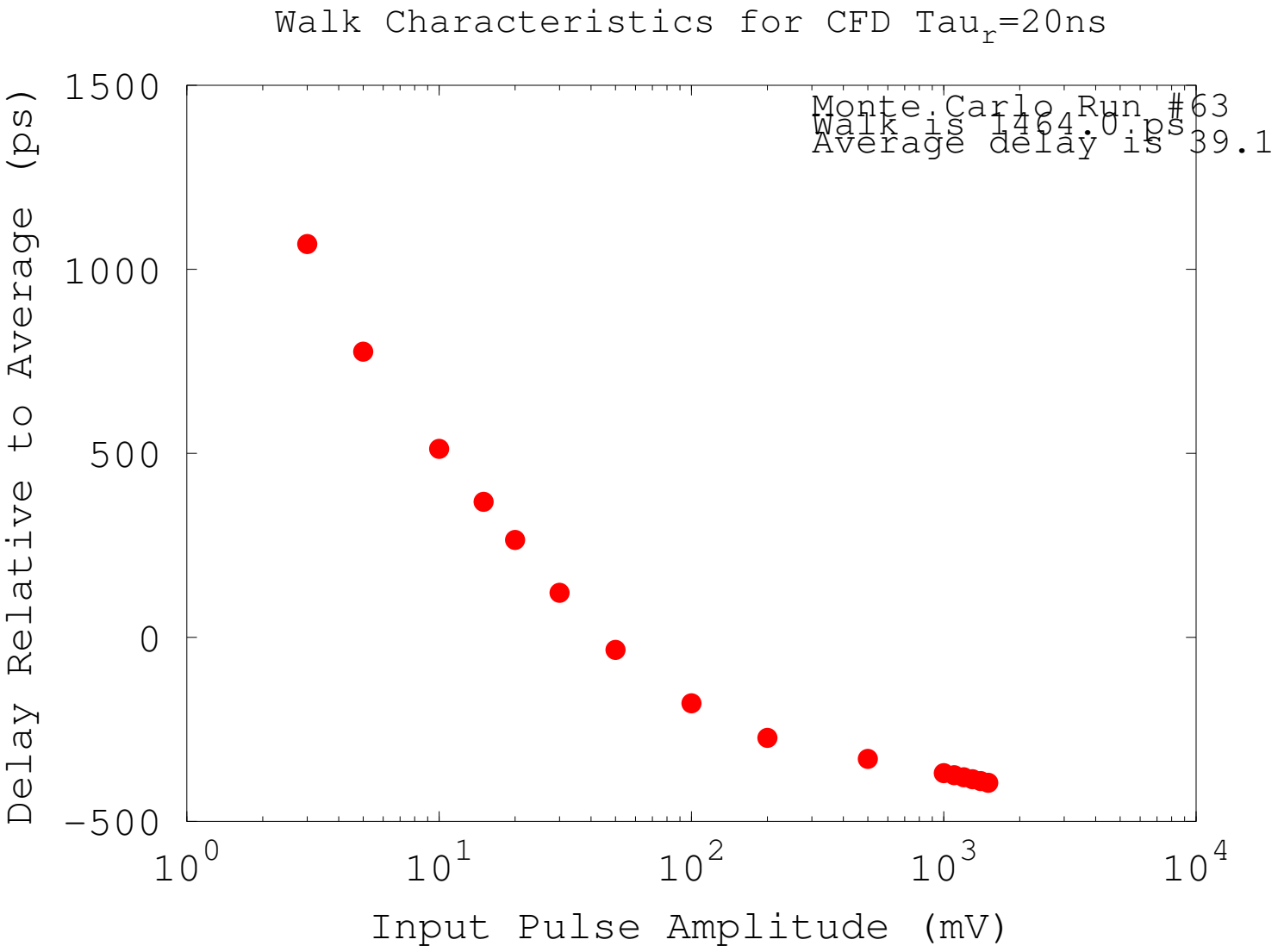

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #59
Walk is 1688.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

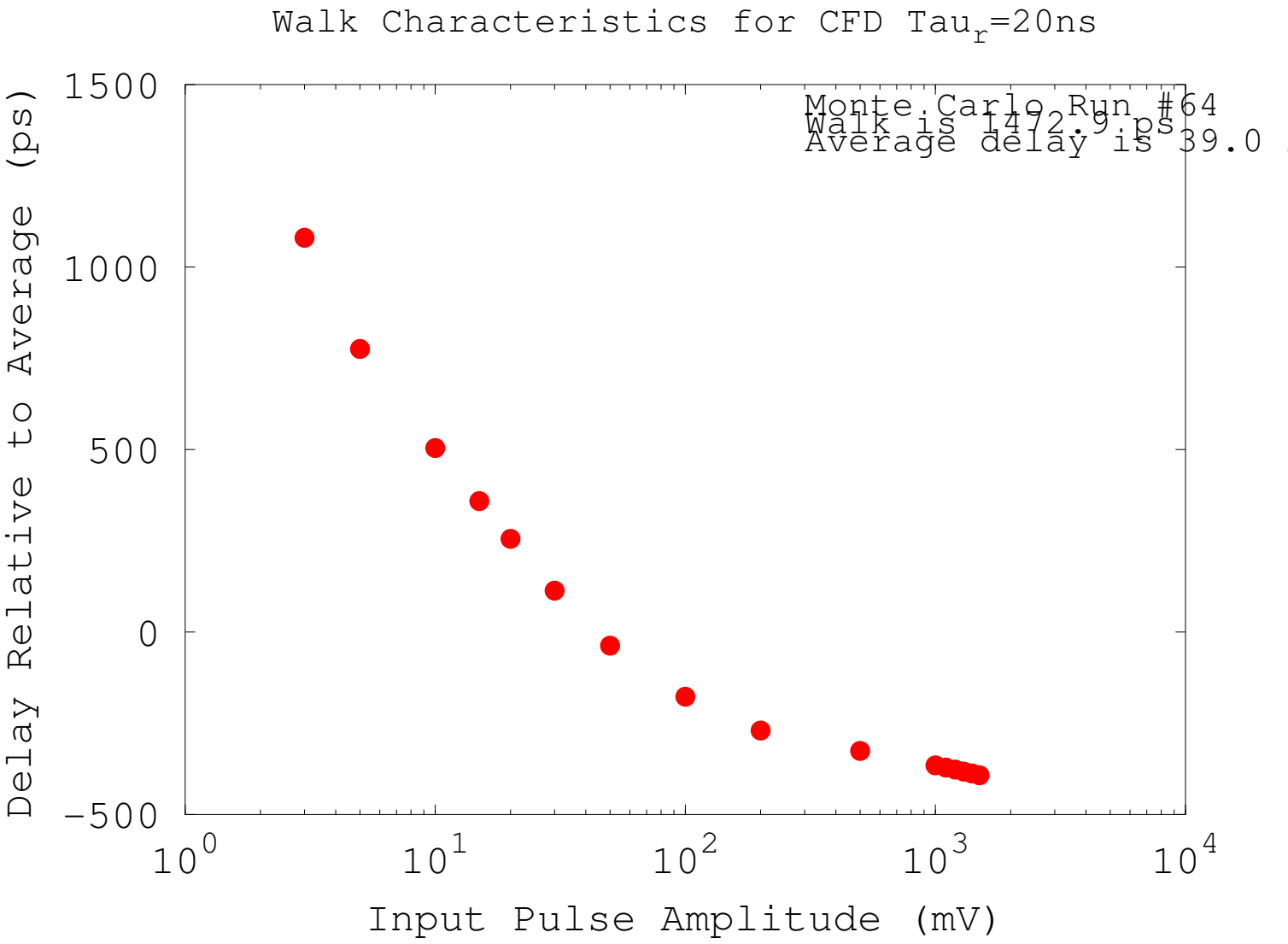

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #6
Walk is 1399.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

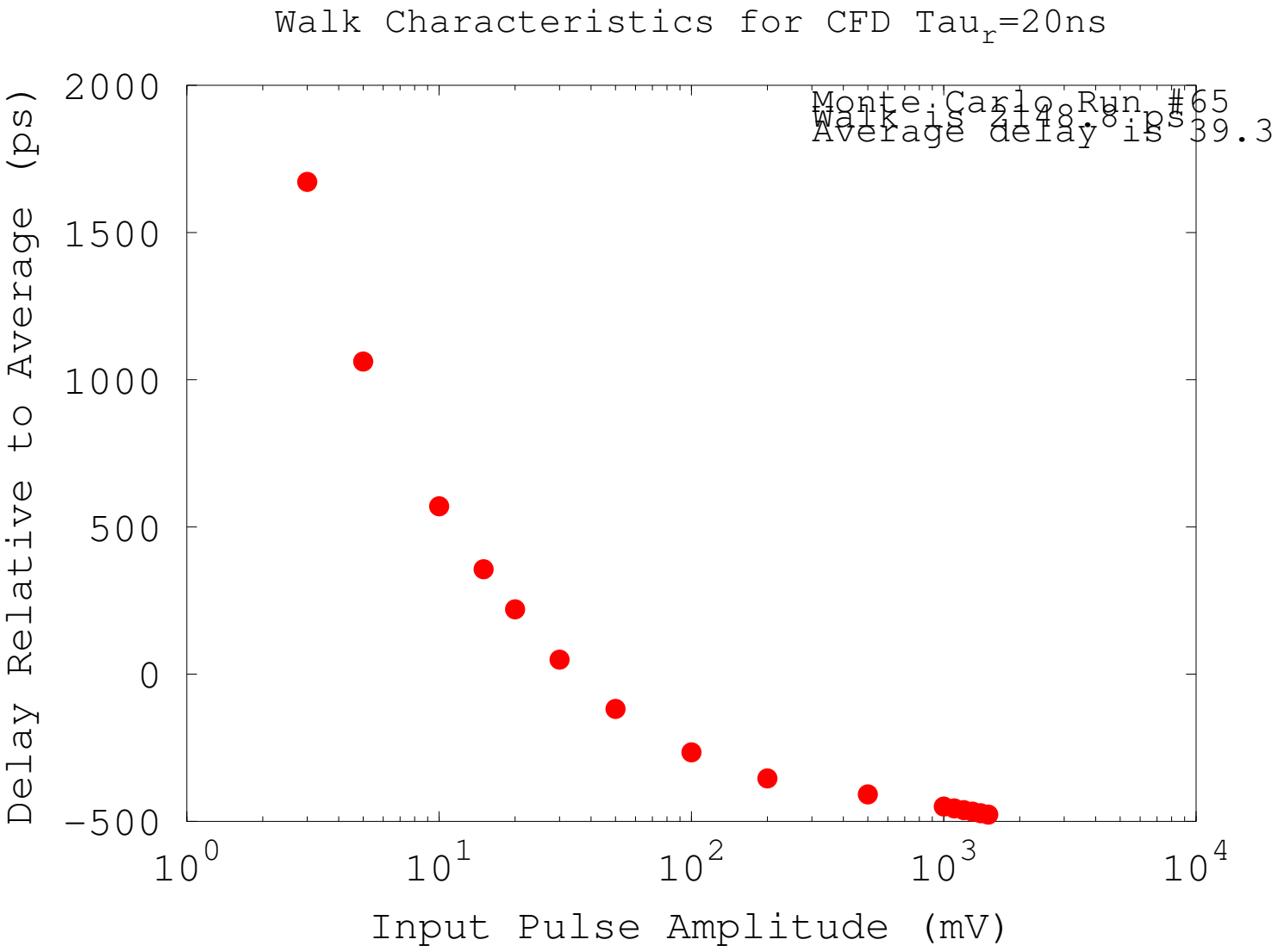

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #60
Walk is 1716.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

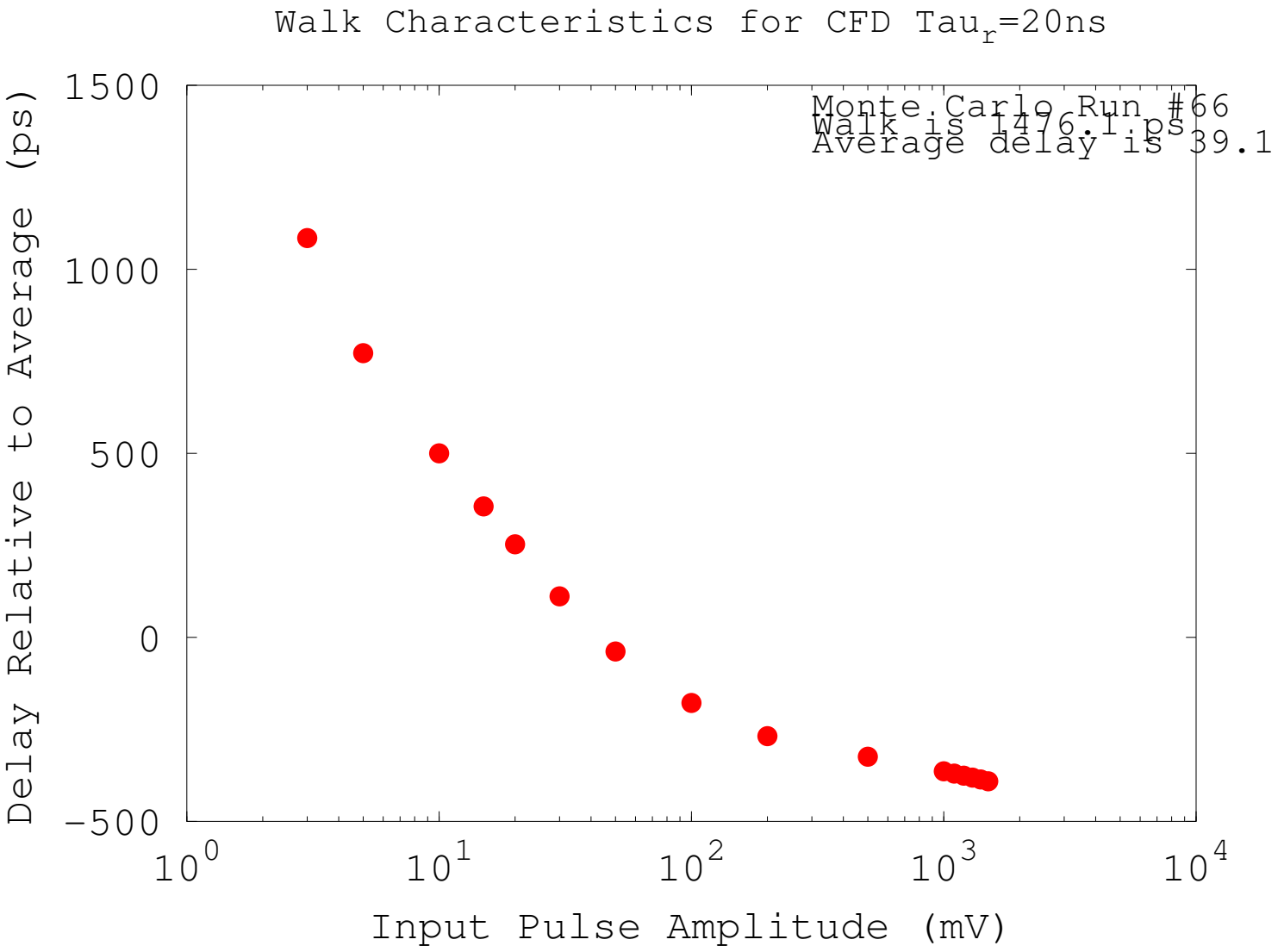

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #61
Walk is 1442.6 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

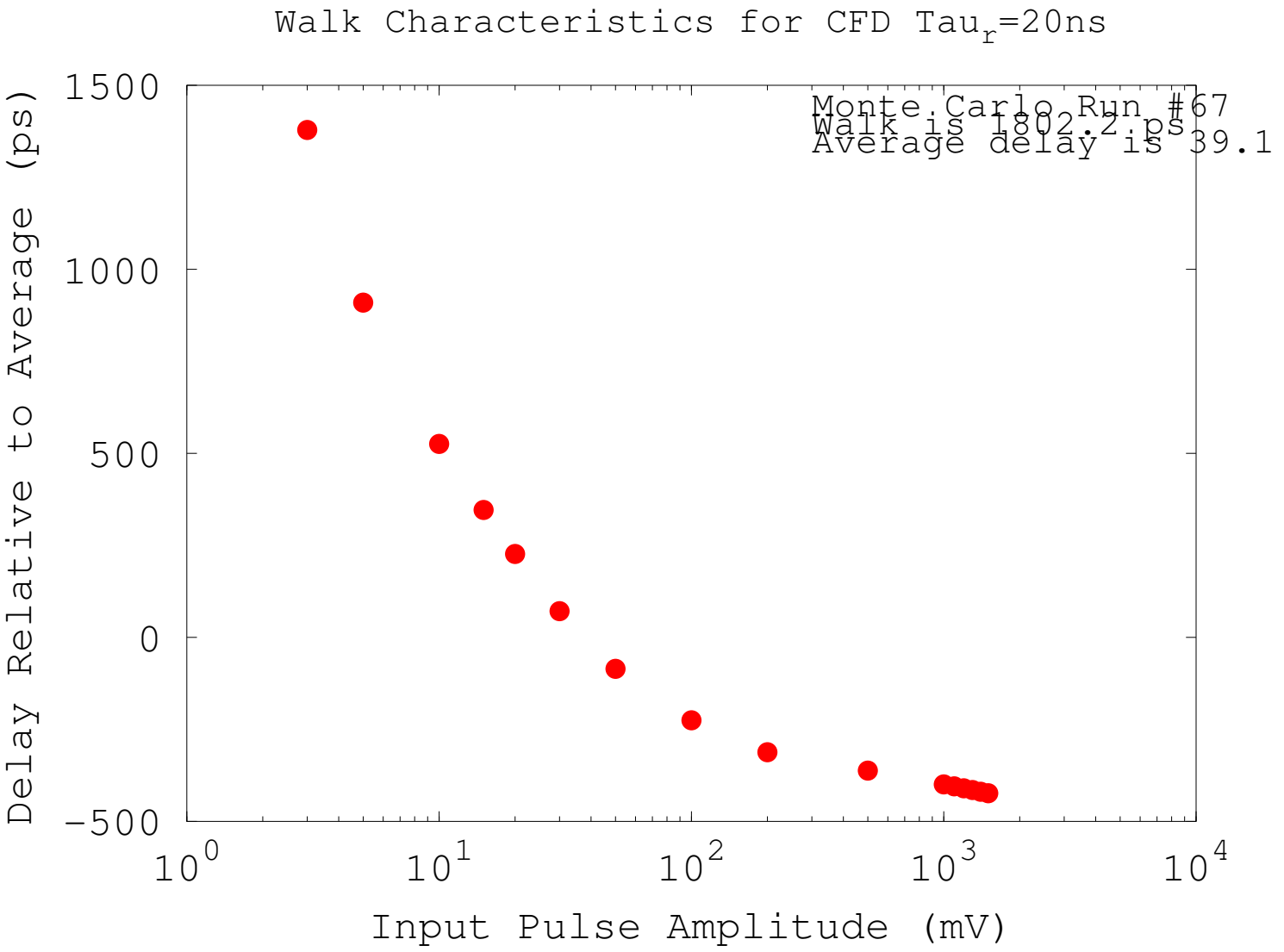

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #62
Walk is 1733.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

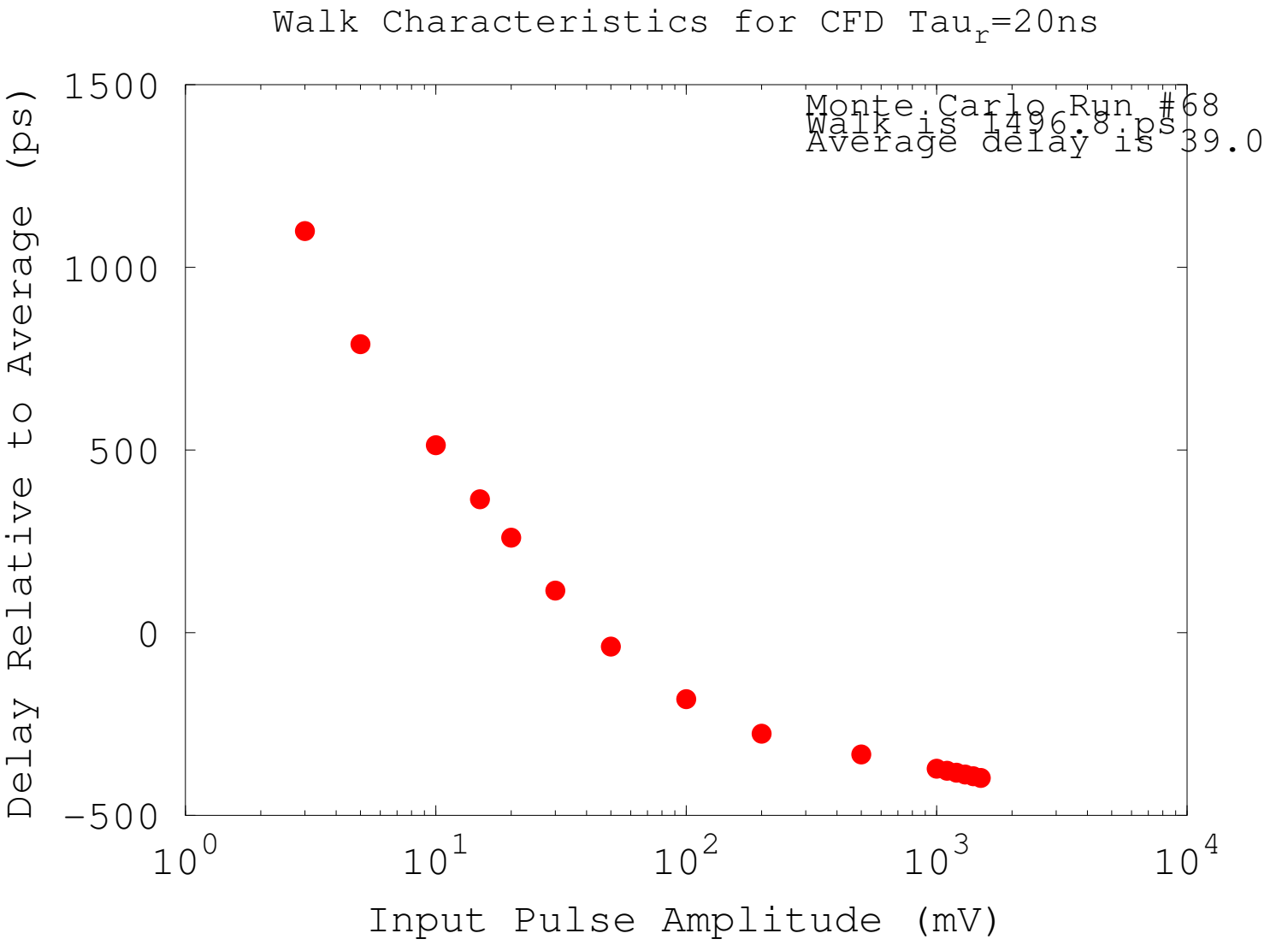

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #63
Walk is 1464.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

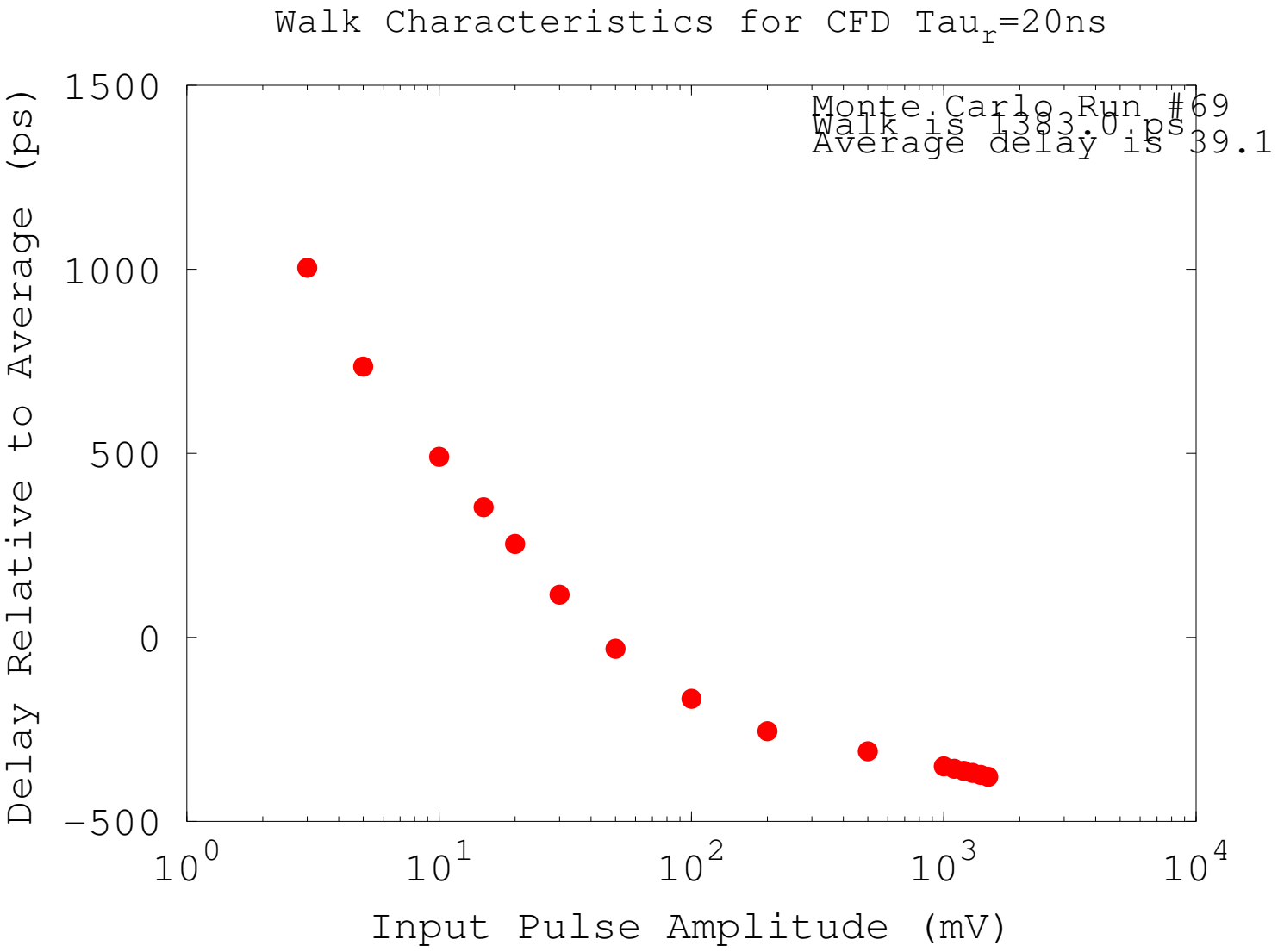

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #64
Walk is 1472.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

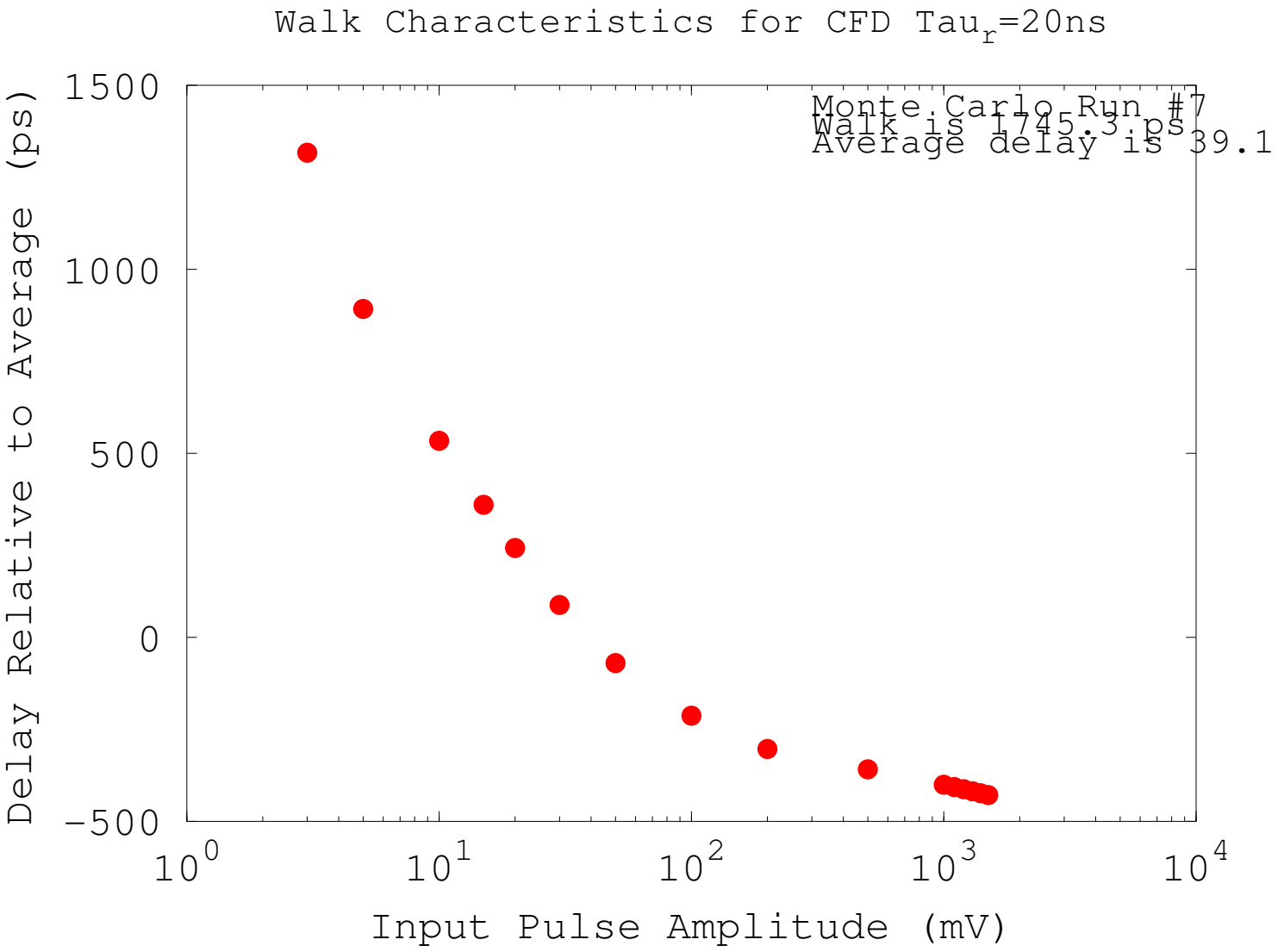

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #65
Walk is 2148.8 ps
Average delay is 39.3
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

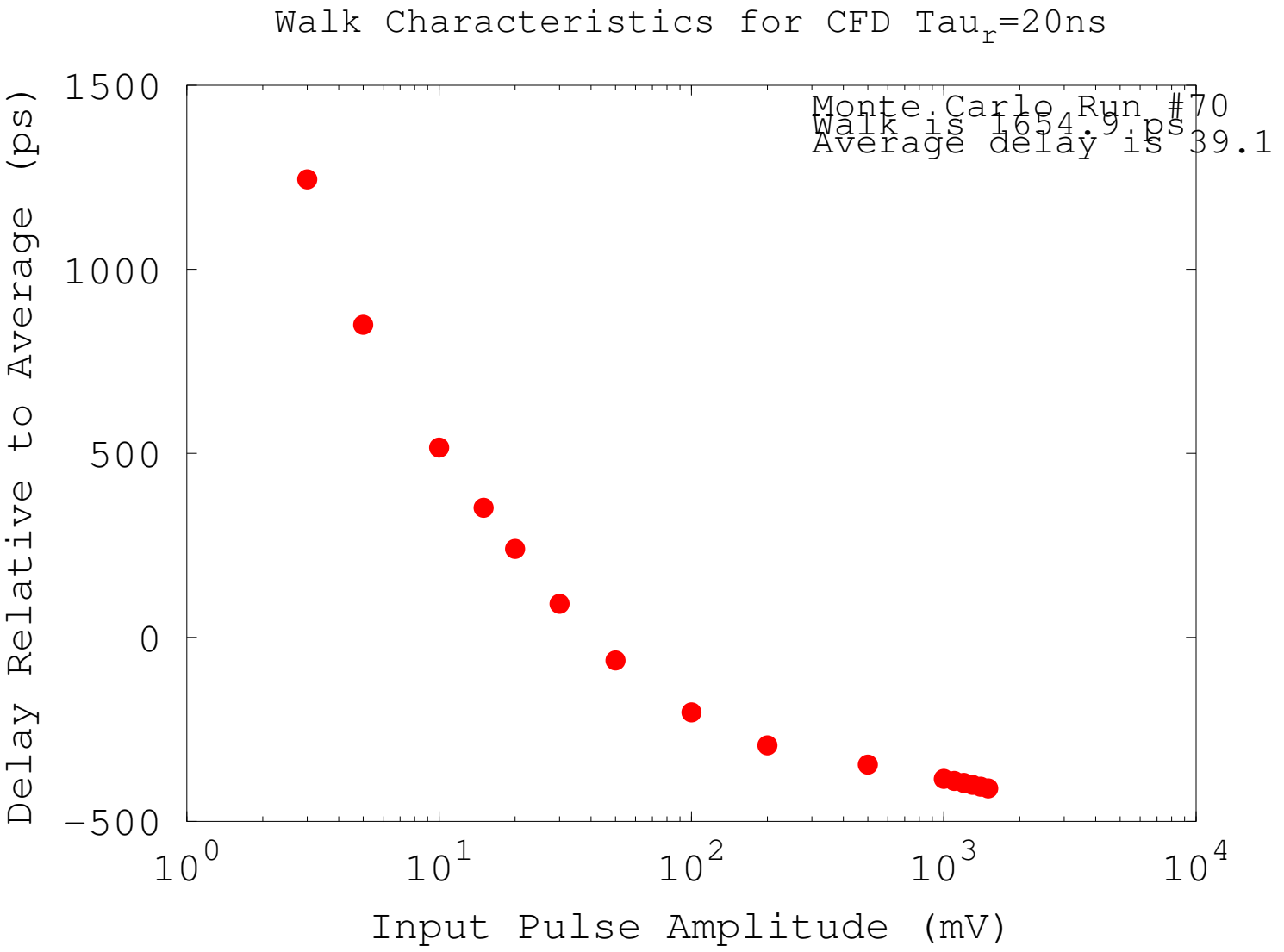

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #66
Walk is 1476.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

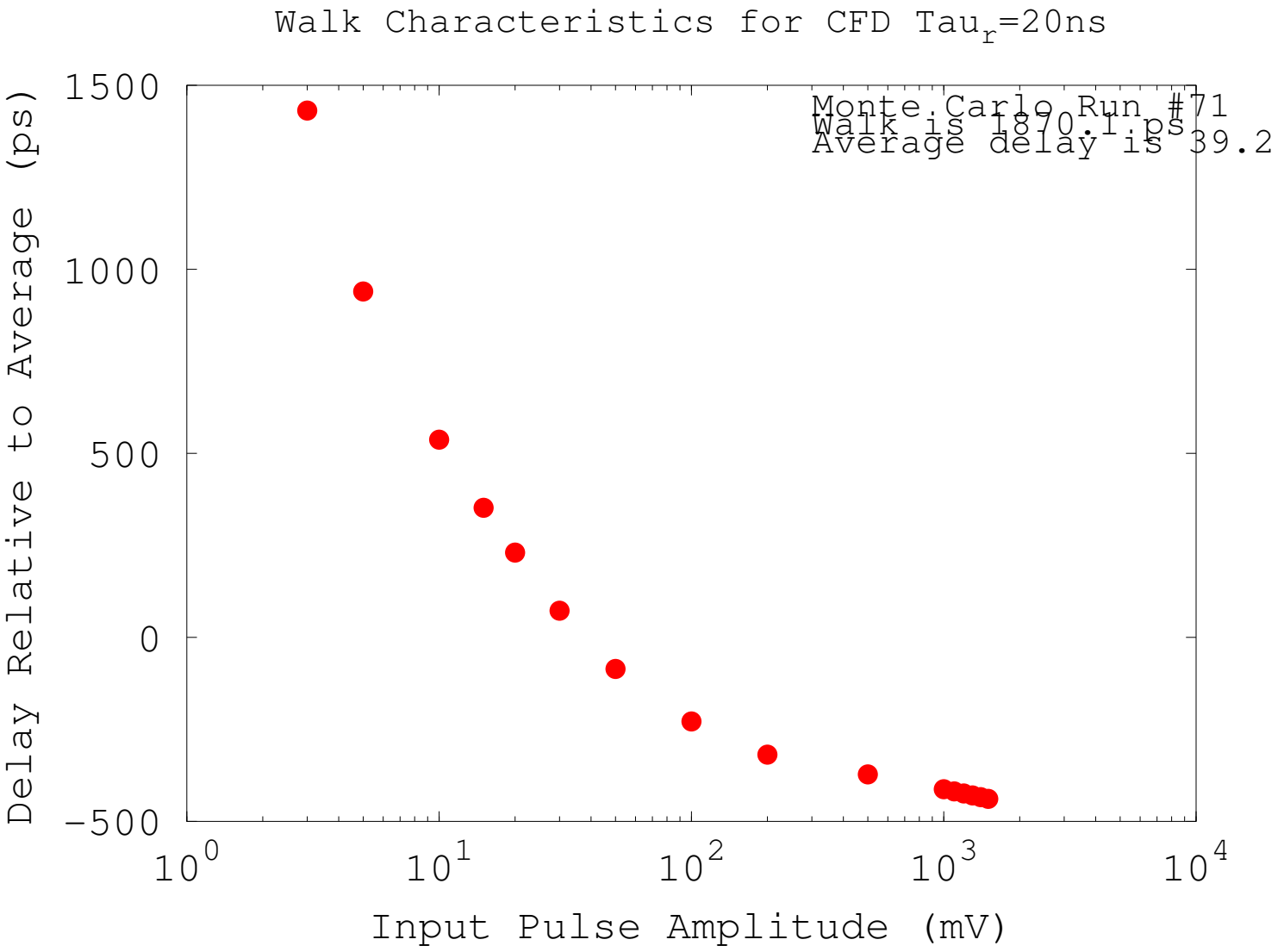

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #67
Walk is 1802.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

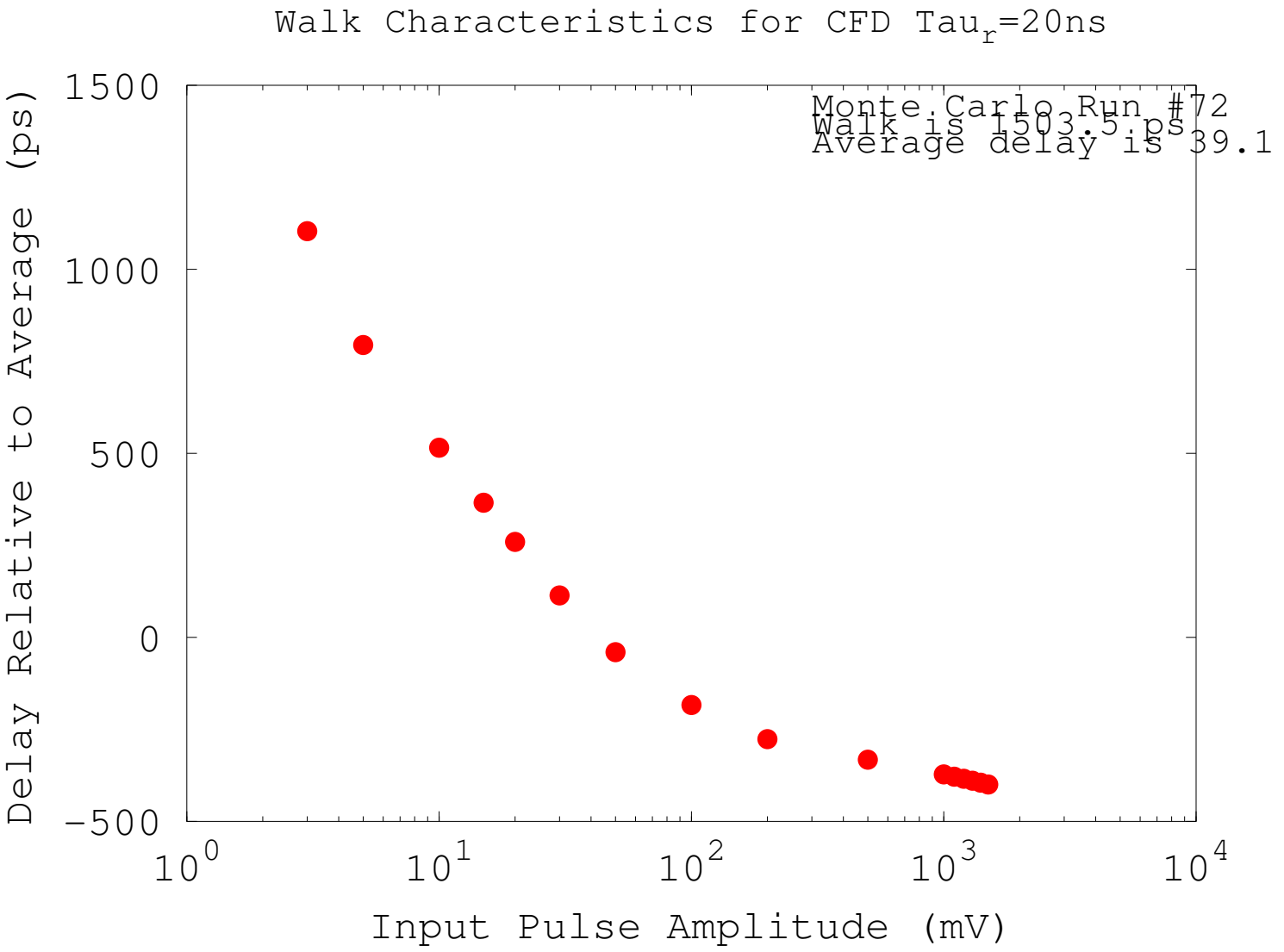

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #68
Walk is 1496.8 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

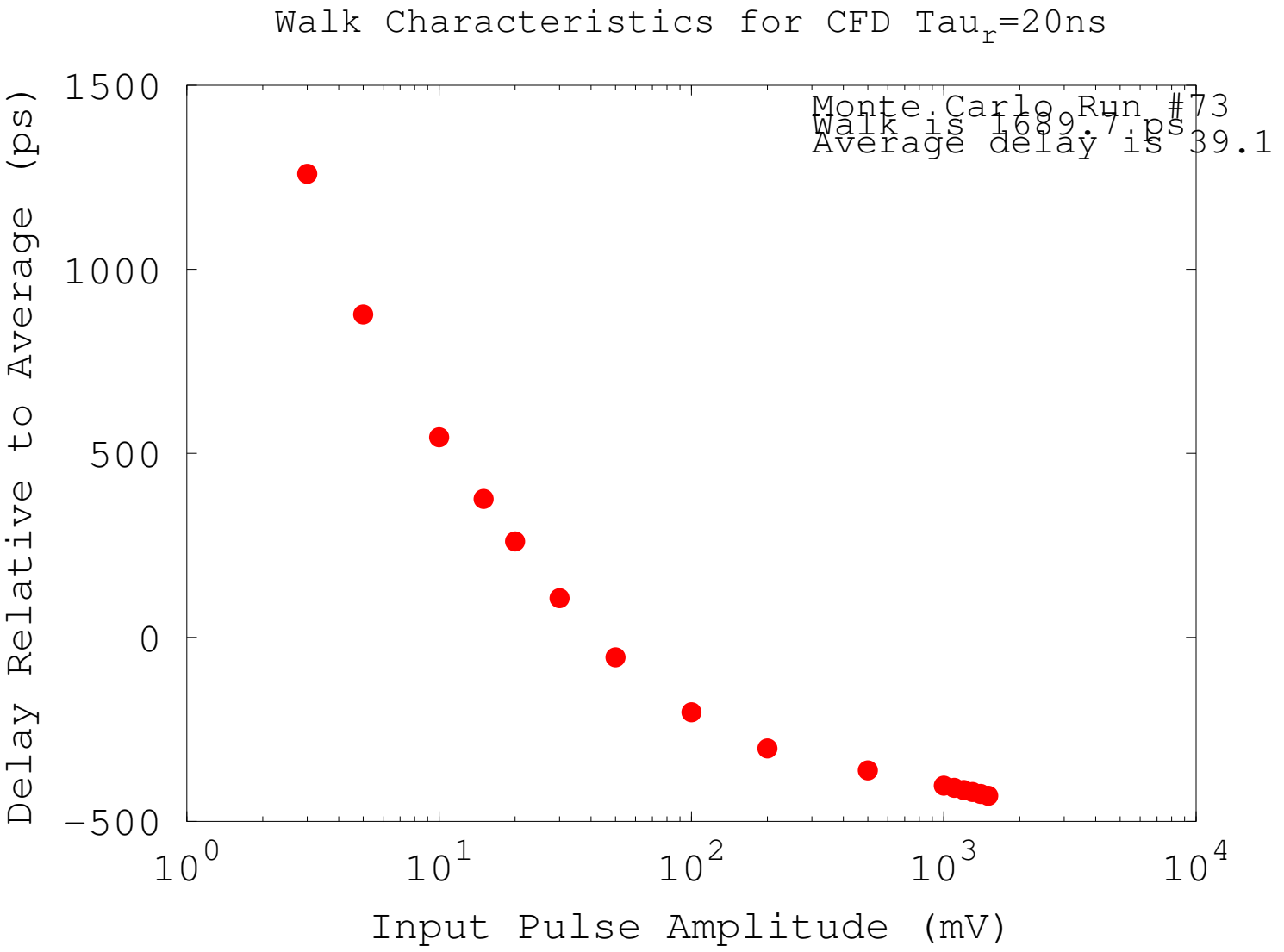

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #69
Walk is 1383.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

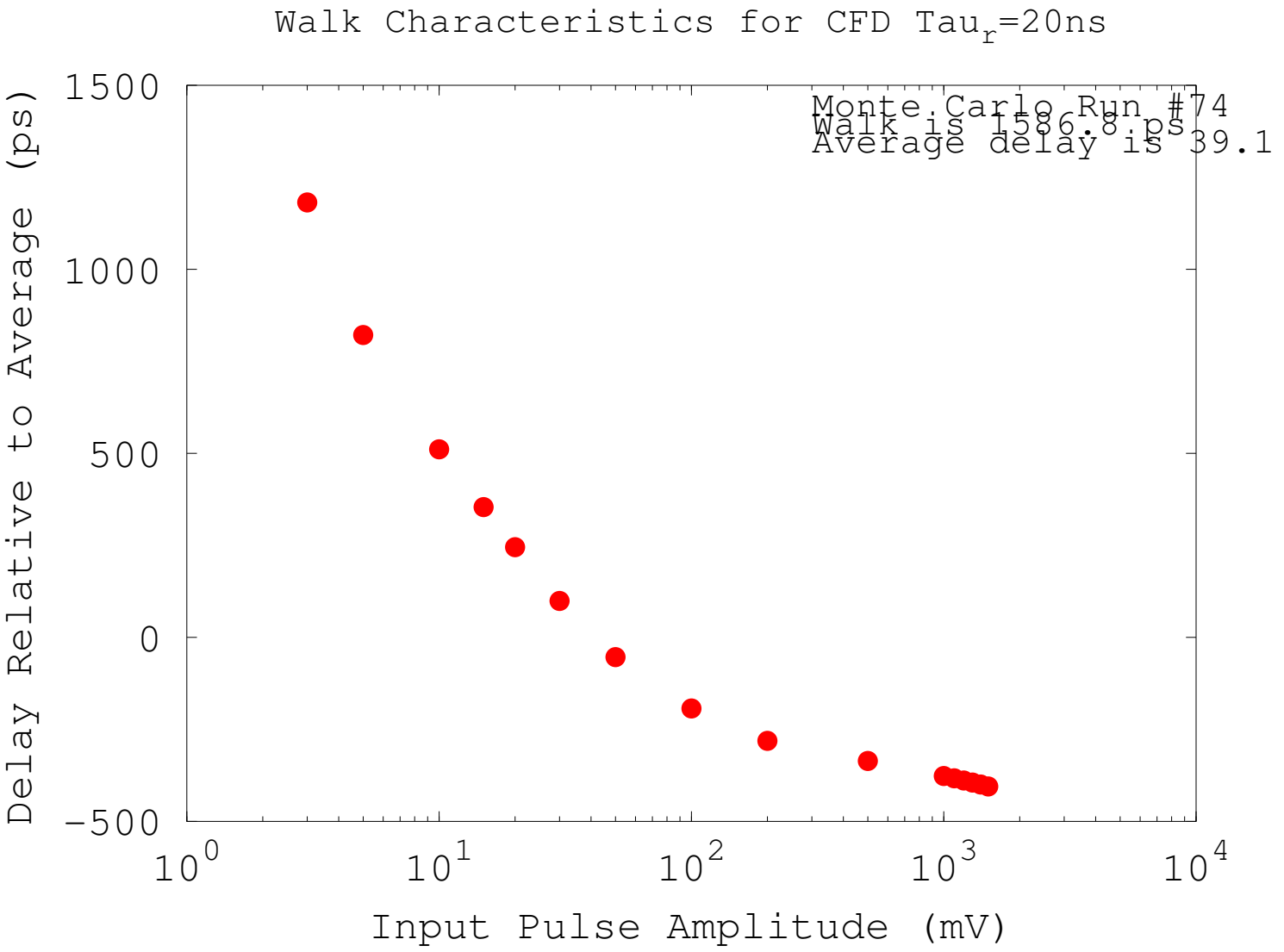

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #7
Walk is 1745.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

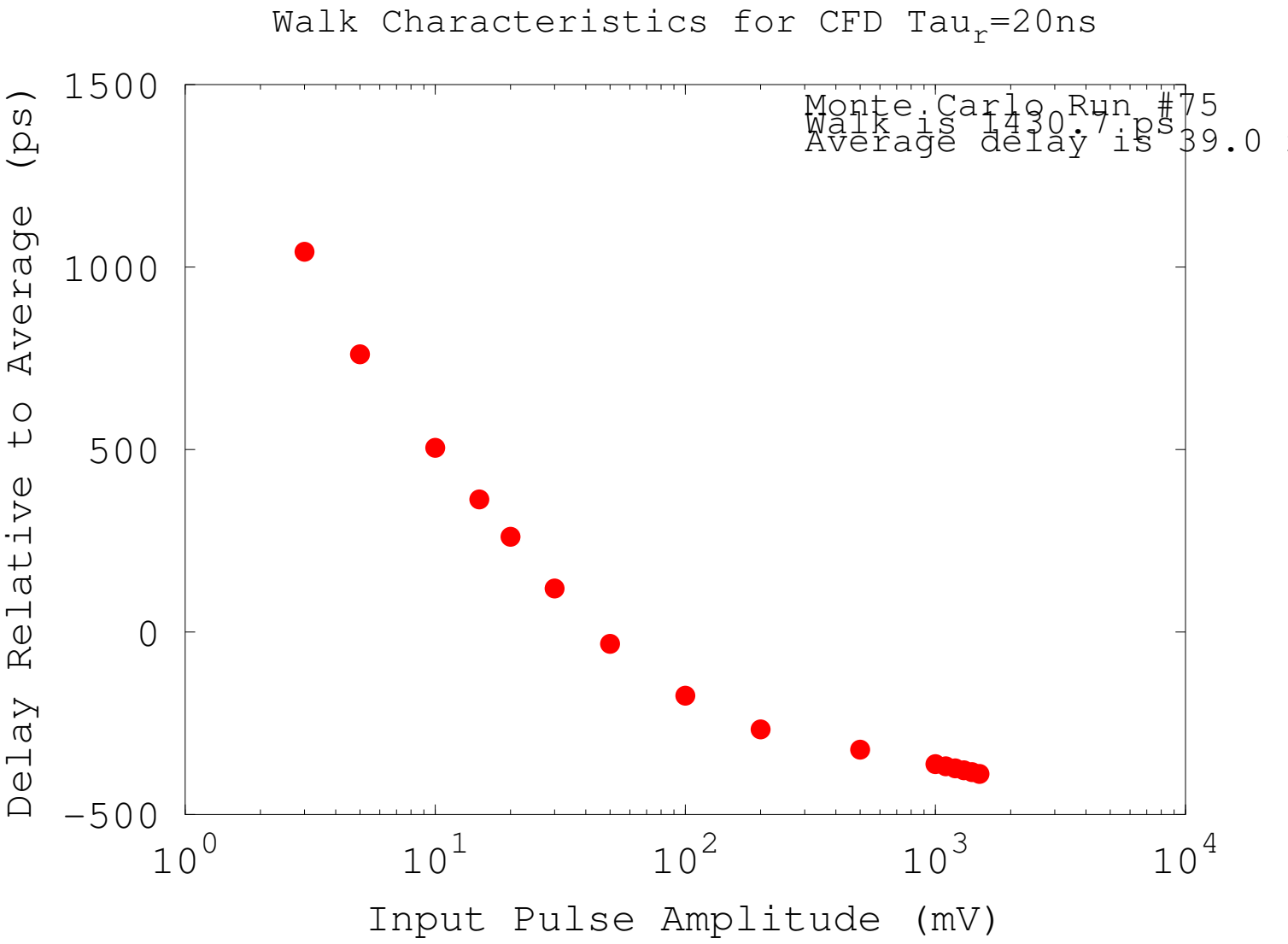

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #70
Walk is 1654.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

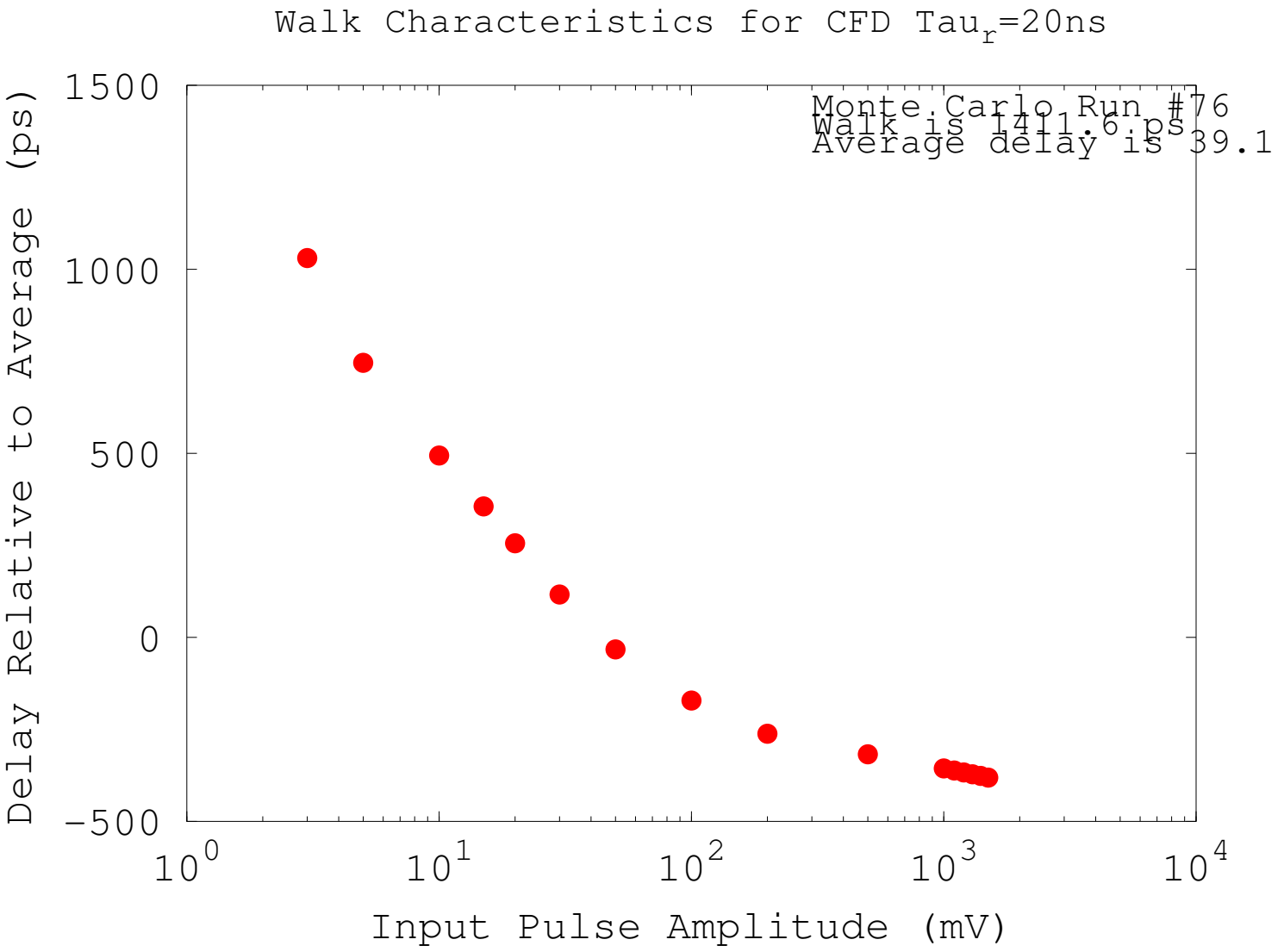

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #71
Walk is 1870.1 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

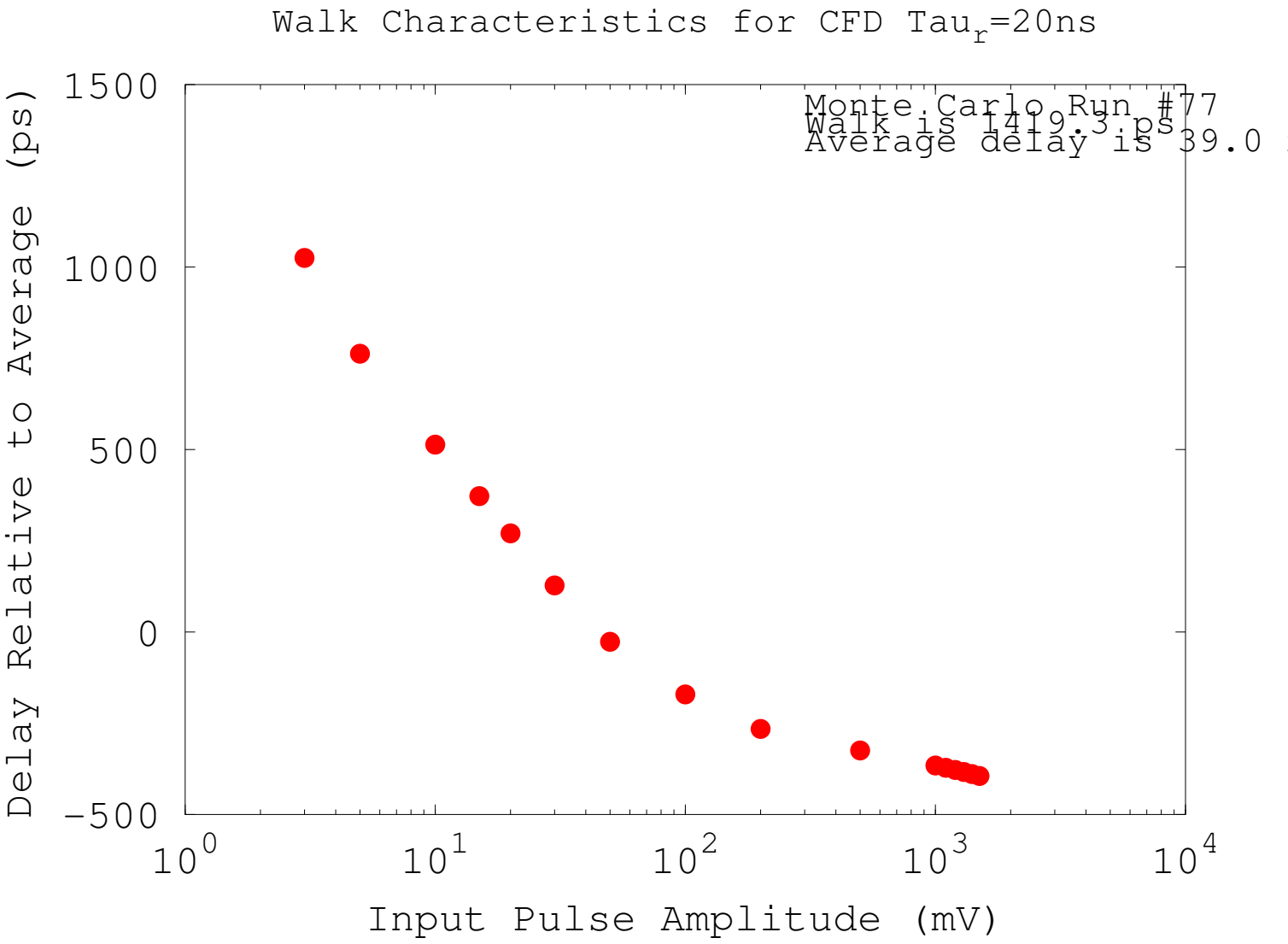

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #72
Walk is 1503.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

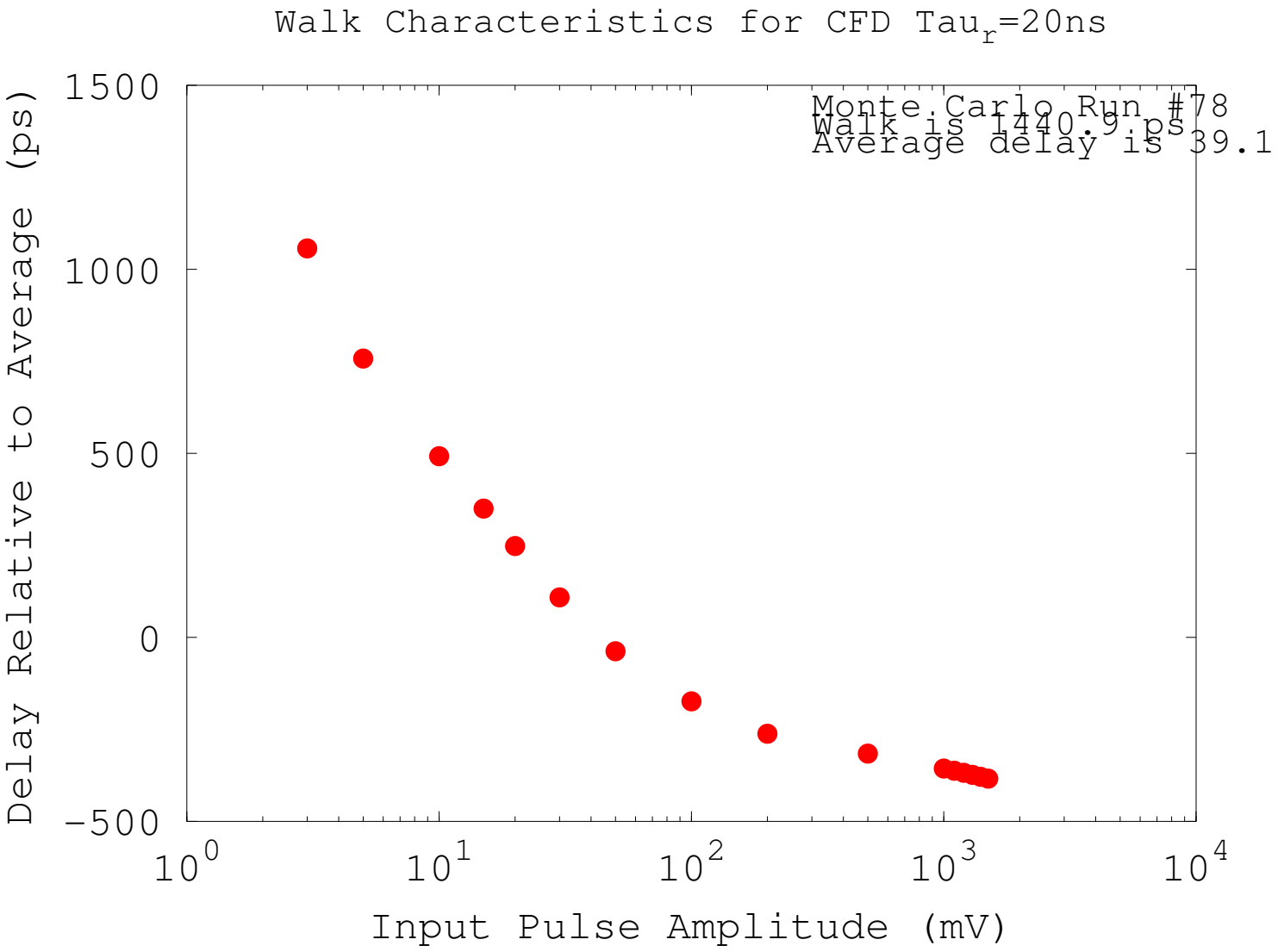

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #73
Walk is 1689.7 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

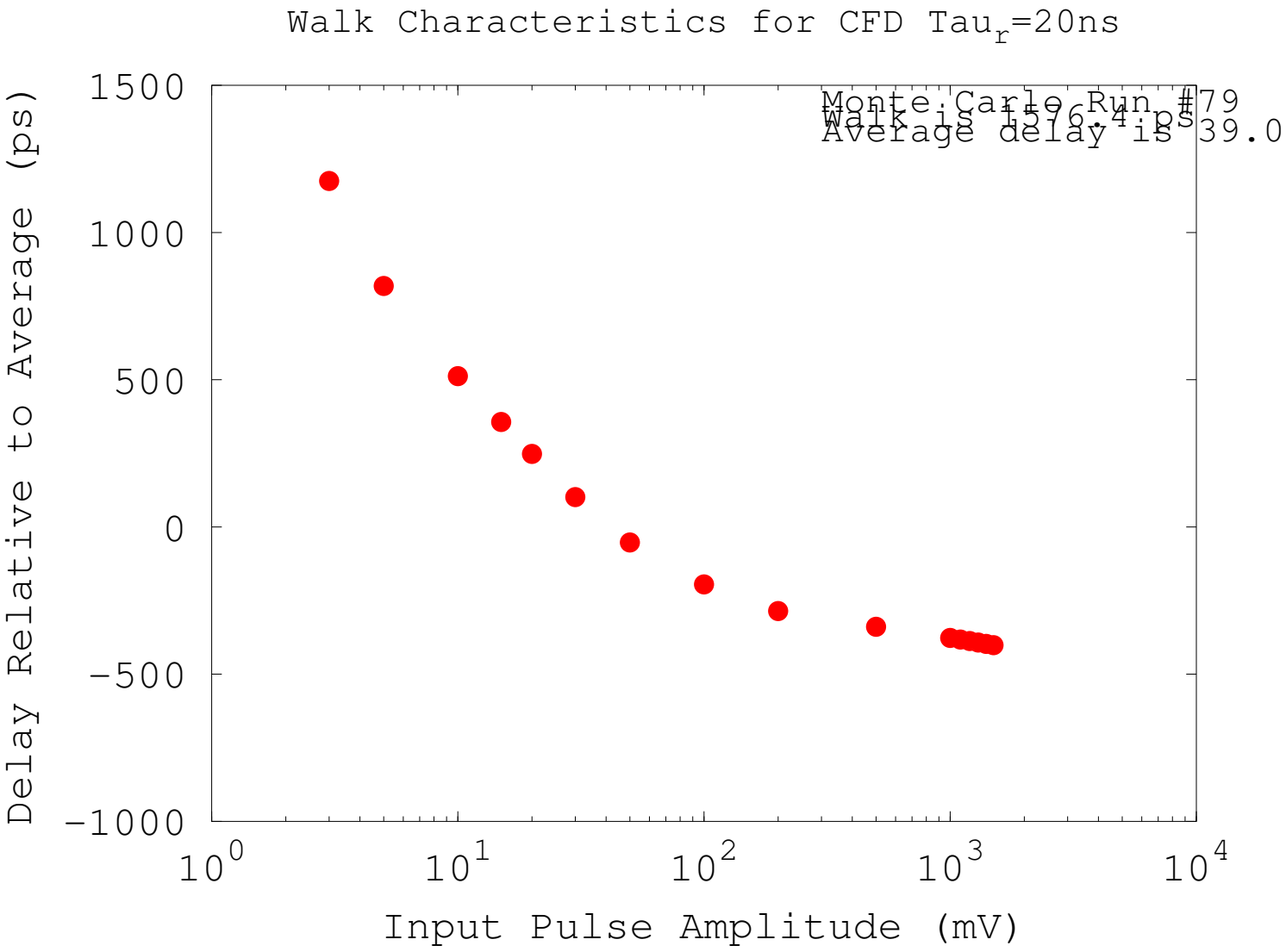

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #74
Walk is 1586.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

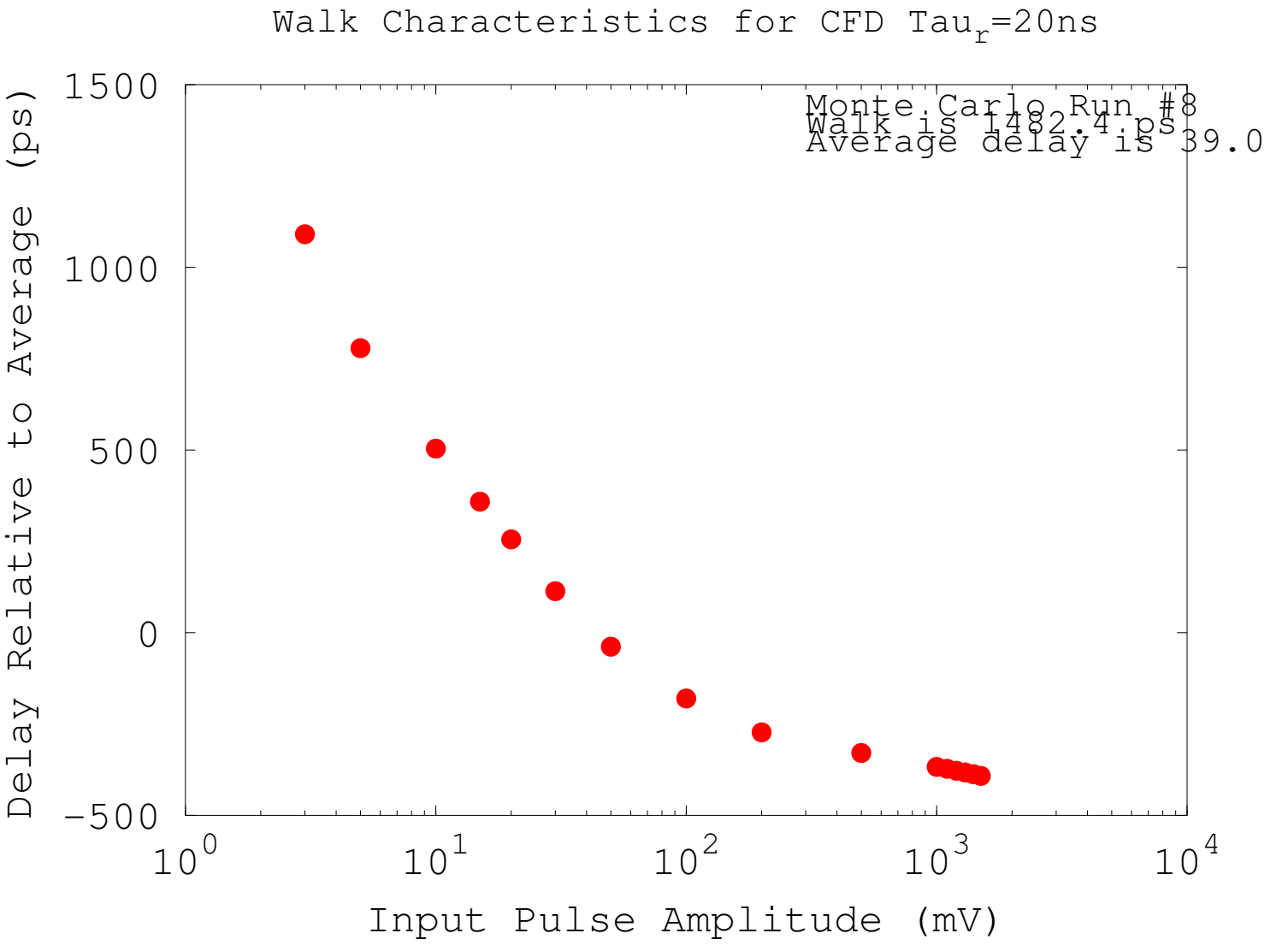

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #75
Walk is 1430.7 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

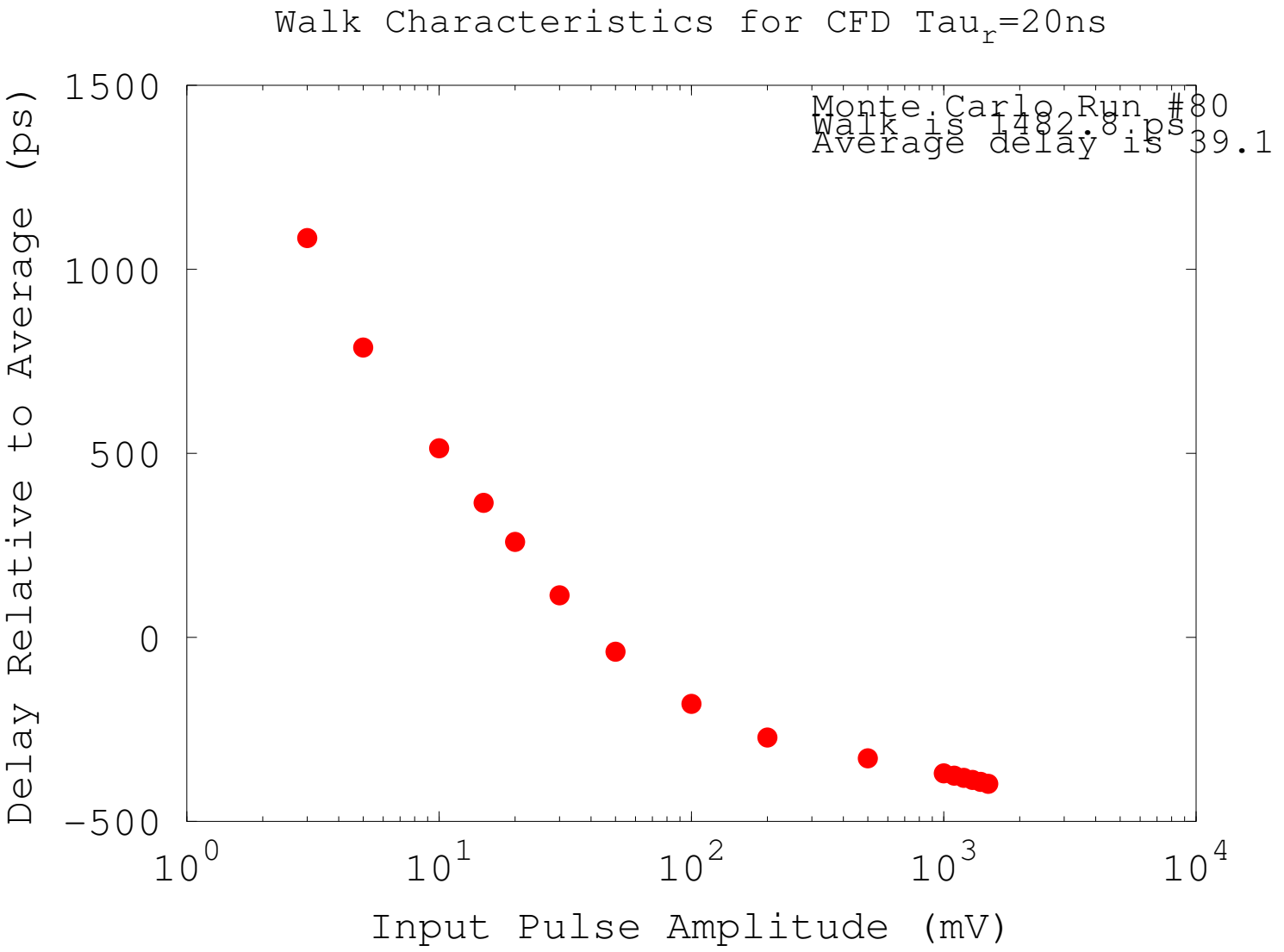

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #76
Walk is 1411.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

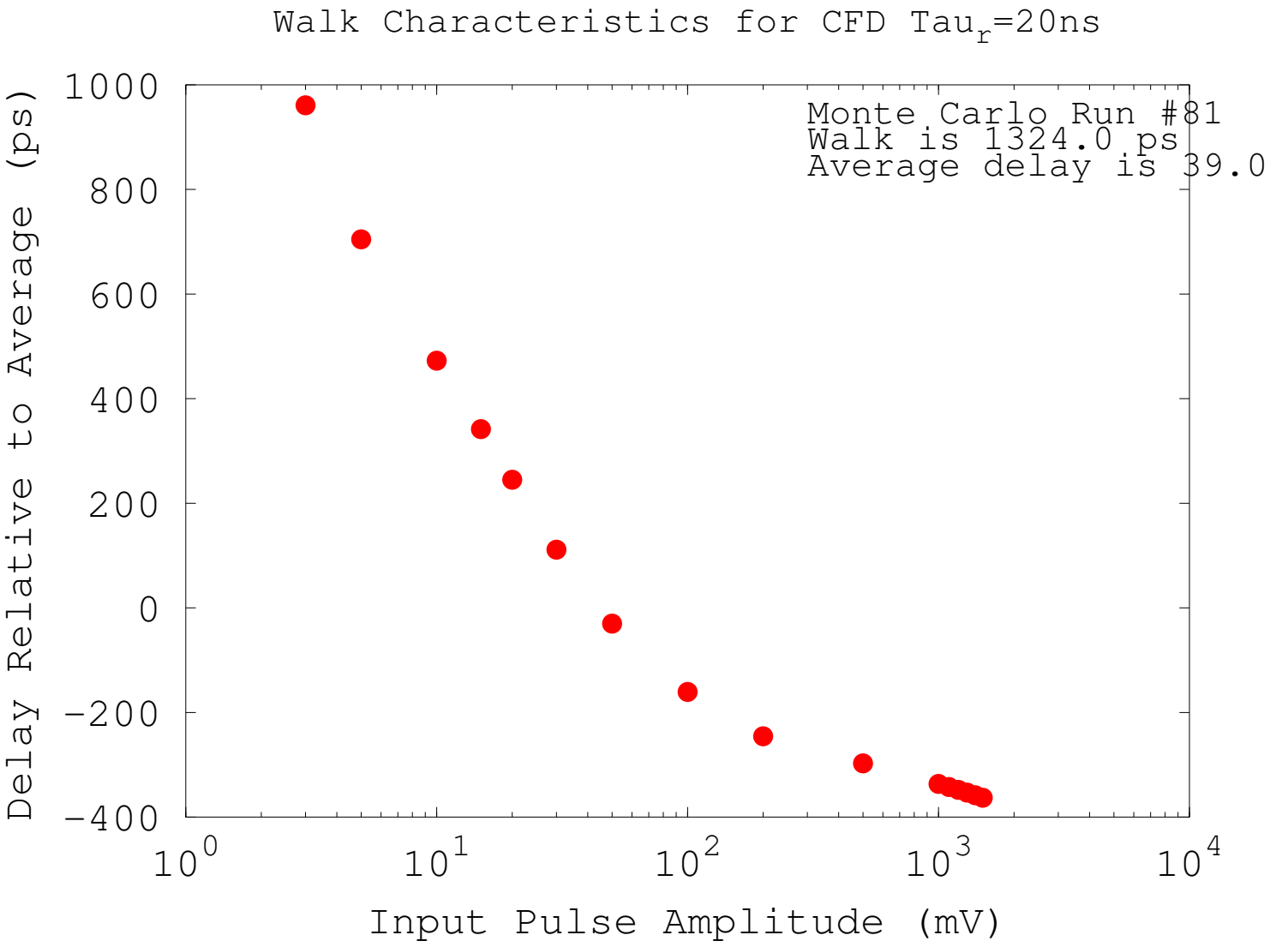

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #77
Walk is 1419.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

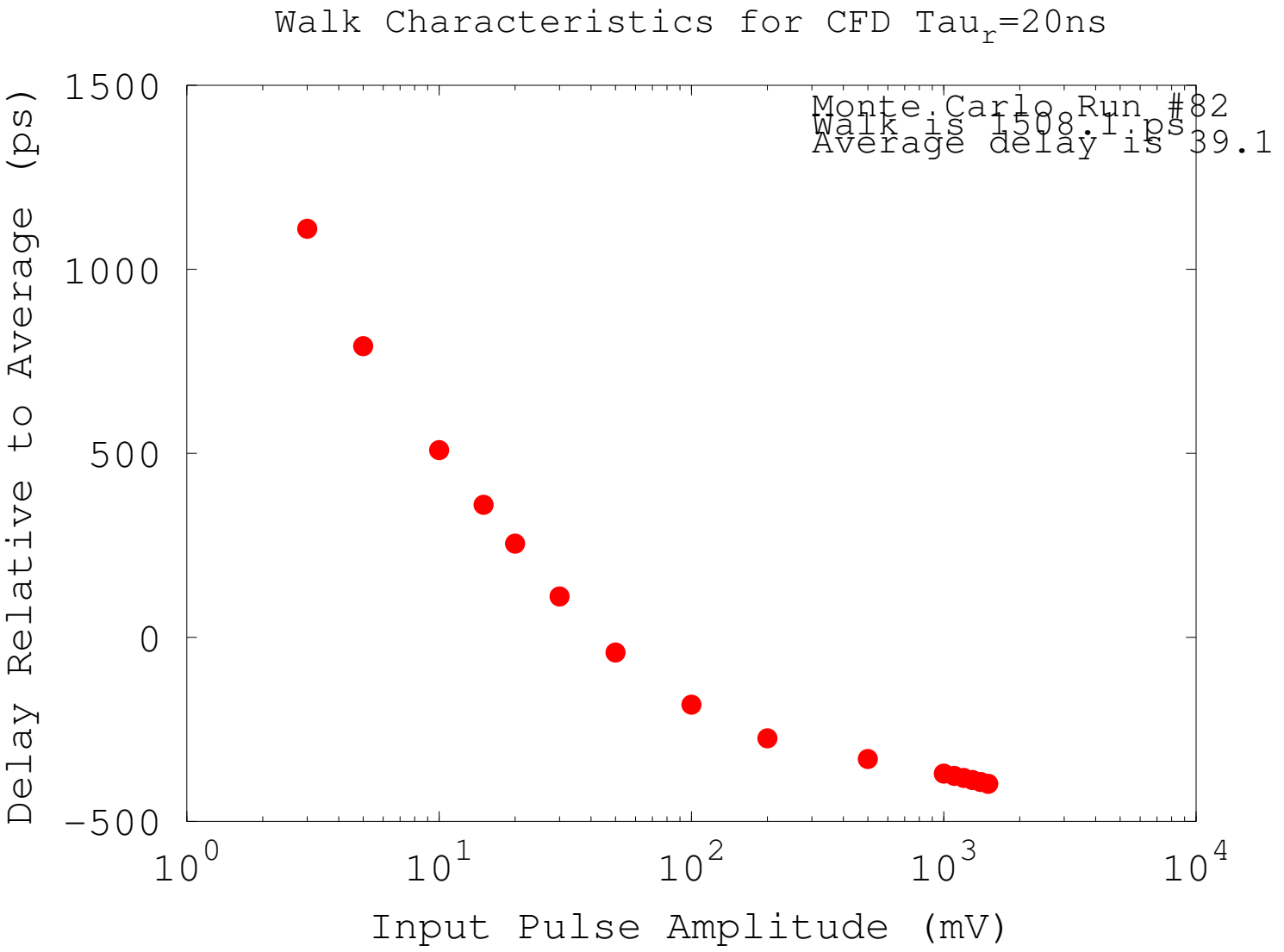

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #78
Walk is 1440.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

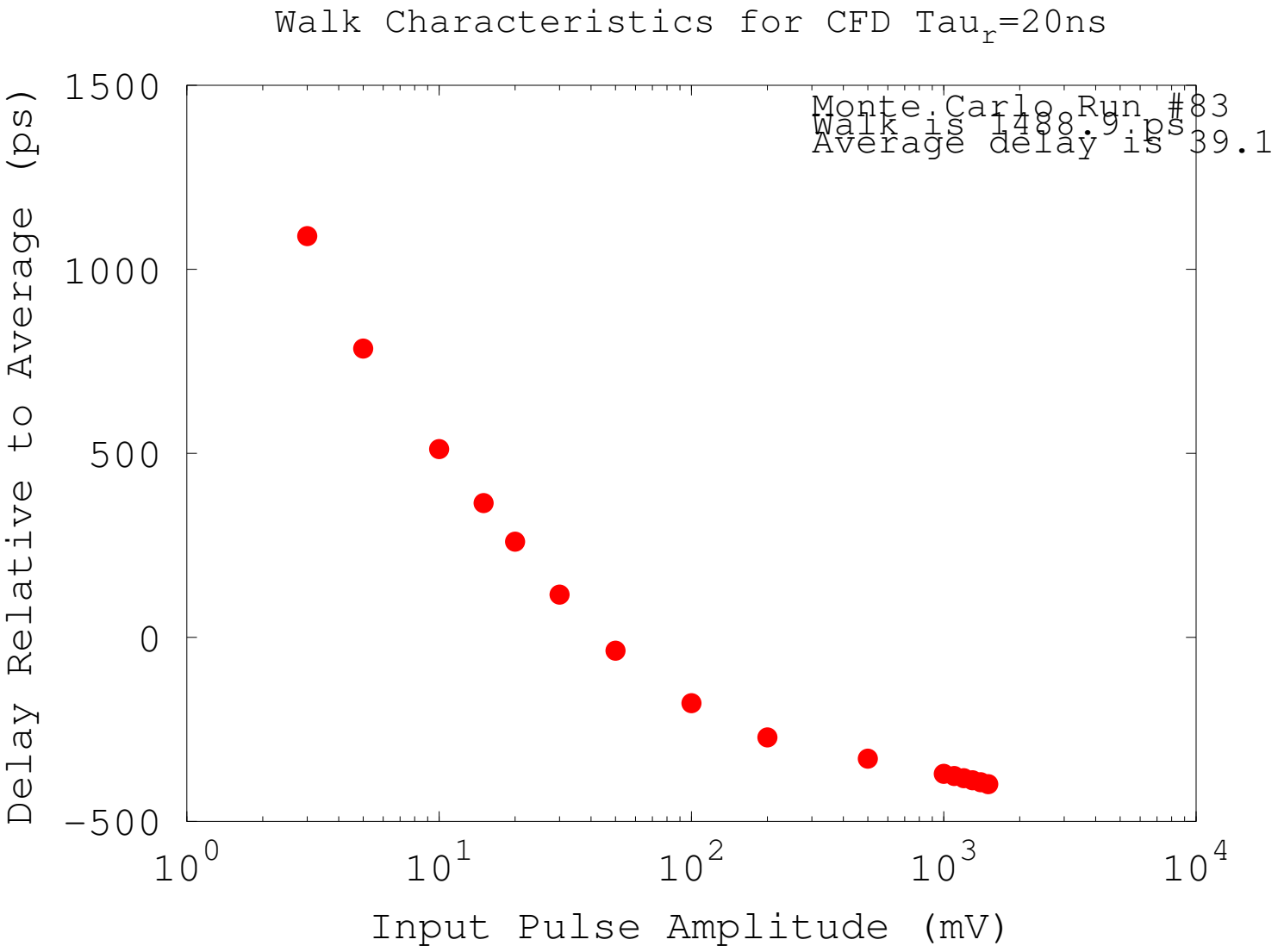

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #79
Walk is 1376.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

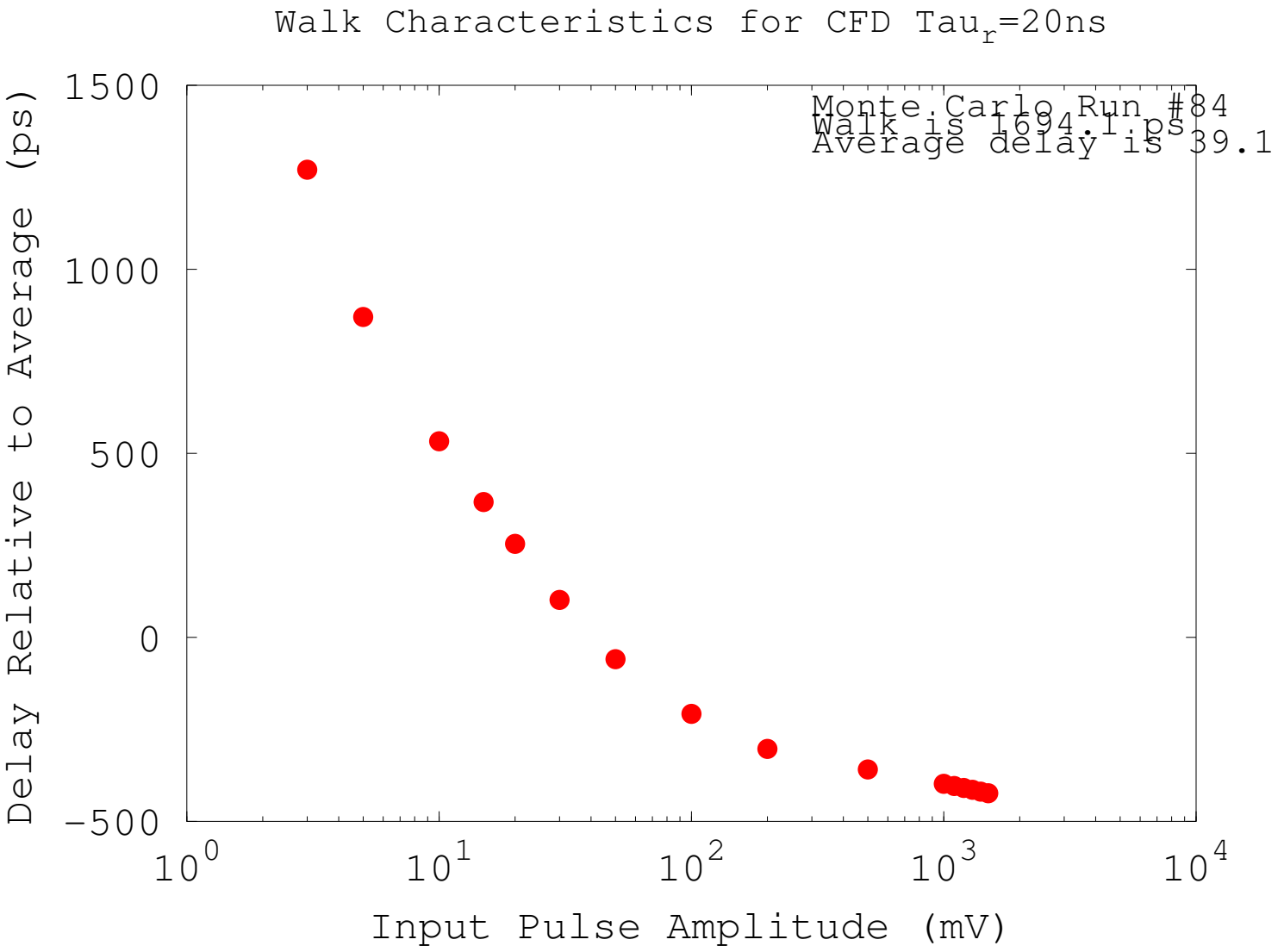

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #8
Walk is 1482.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

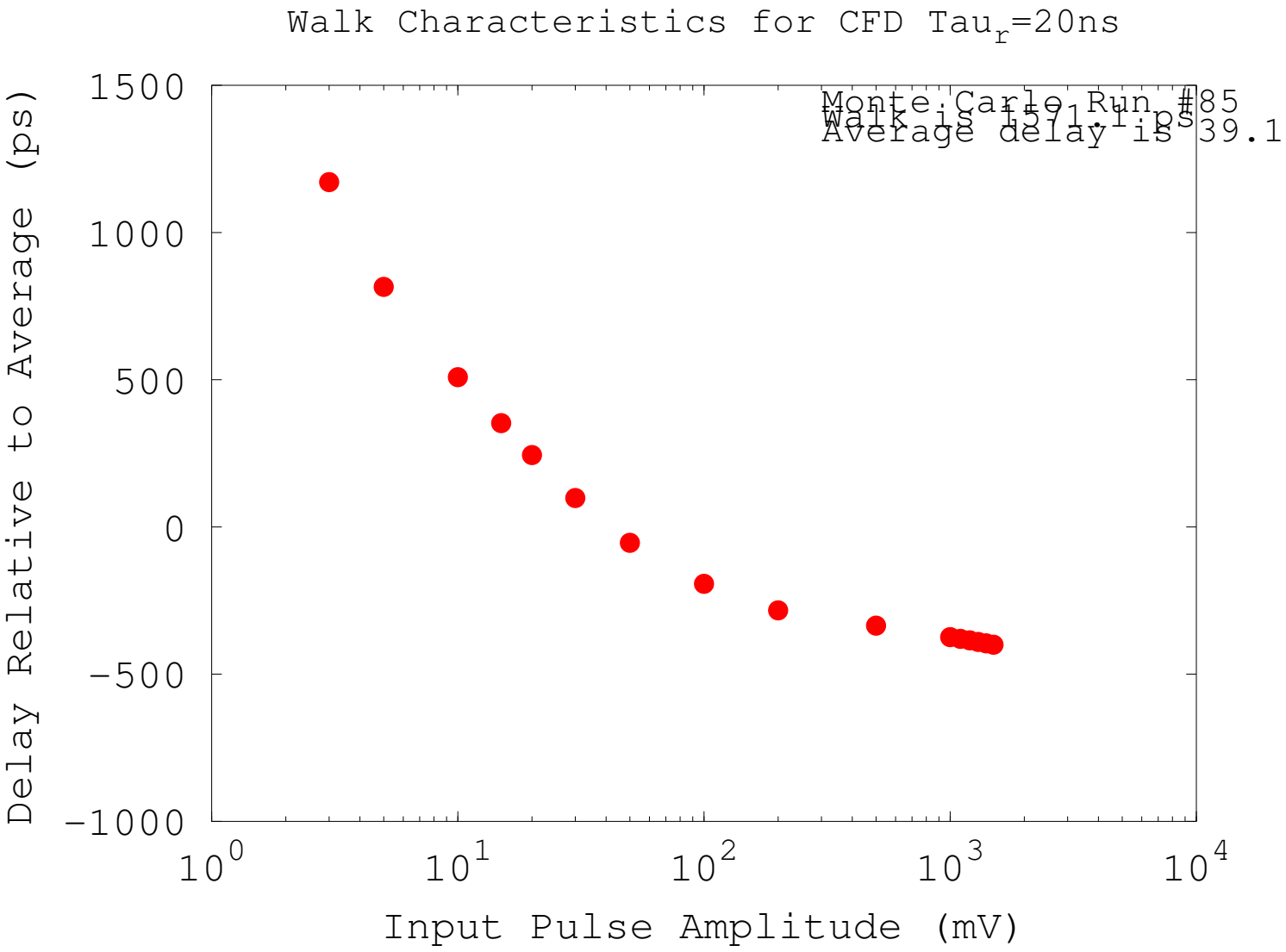

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #80
Walk is 1482.8 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

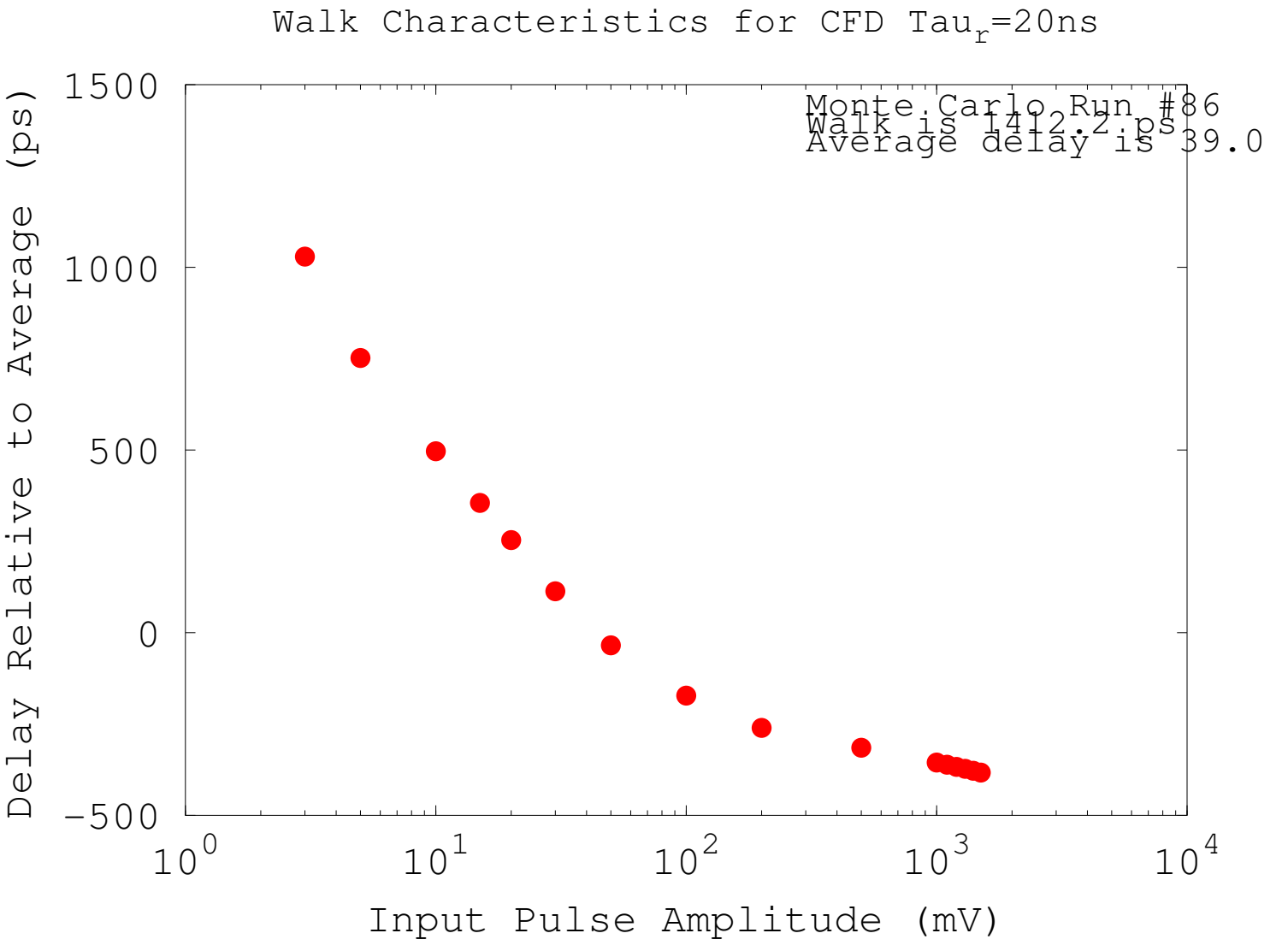

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #81
Walk is 1324.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

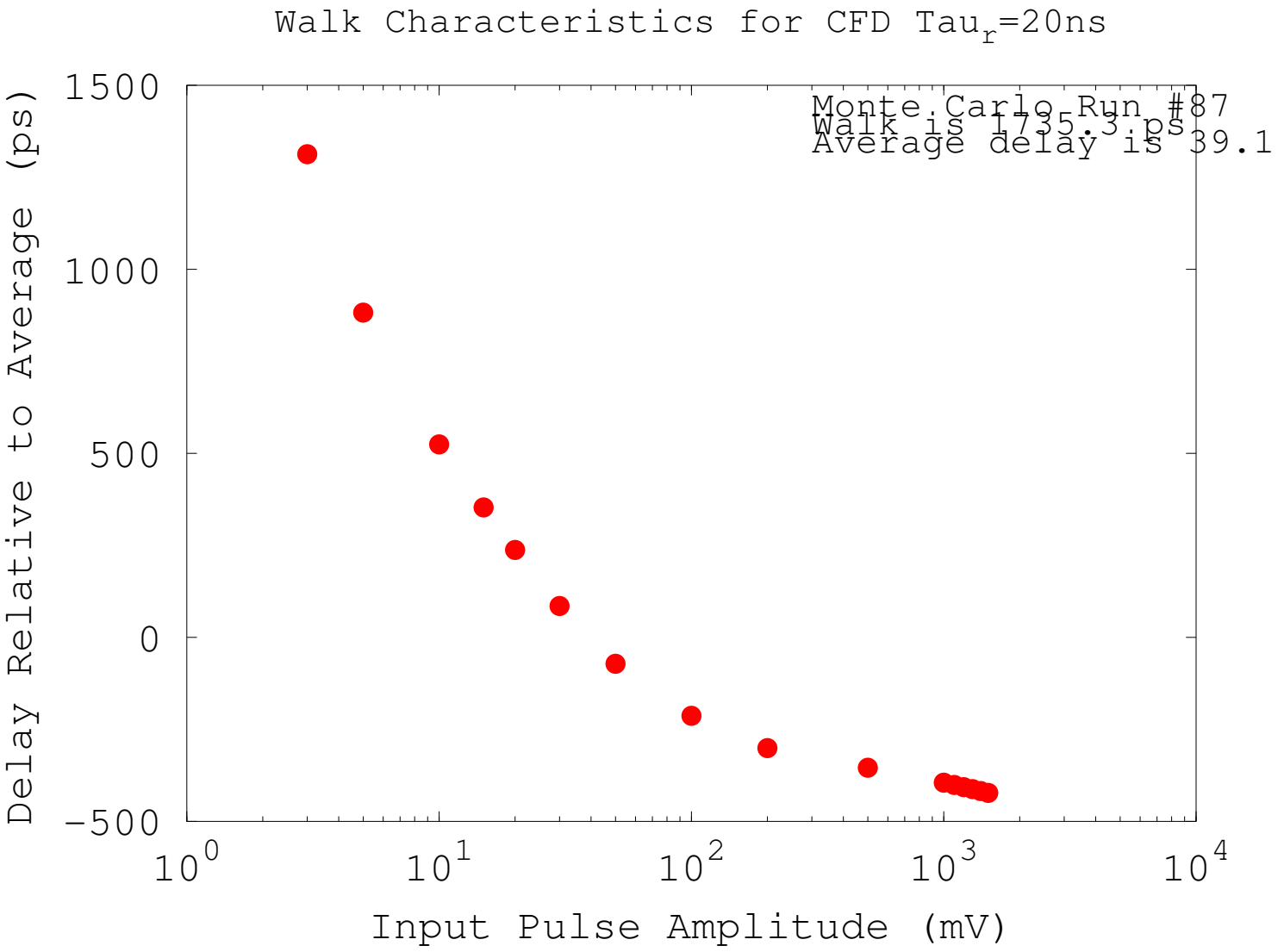

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #82
Walk is 1508.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

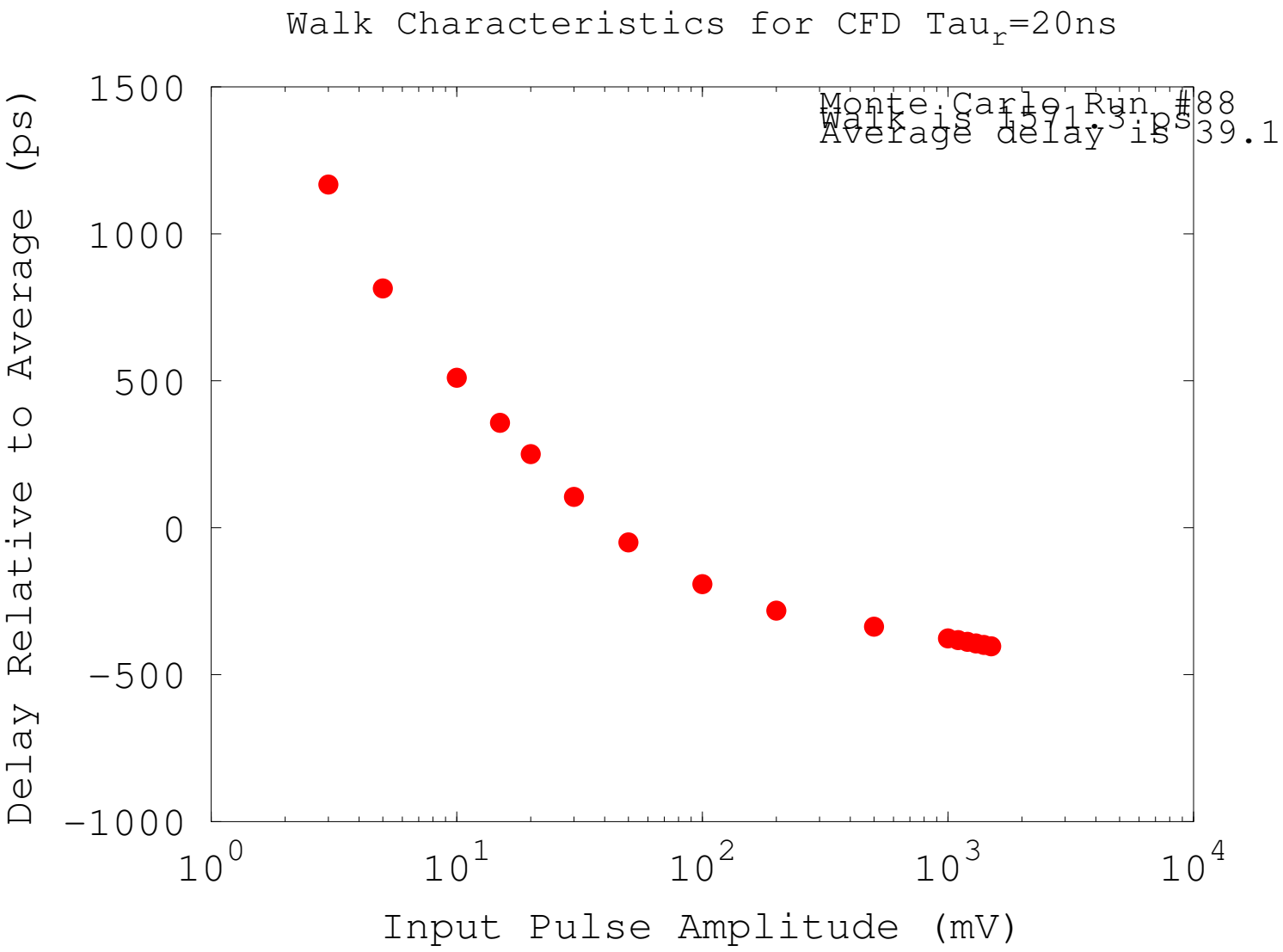

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #83
Walk is 1488.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

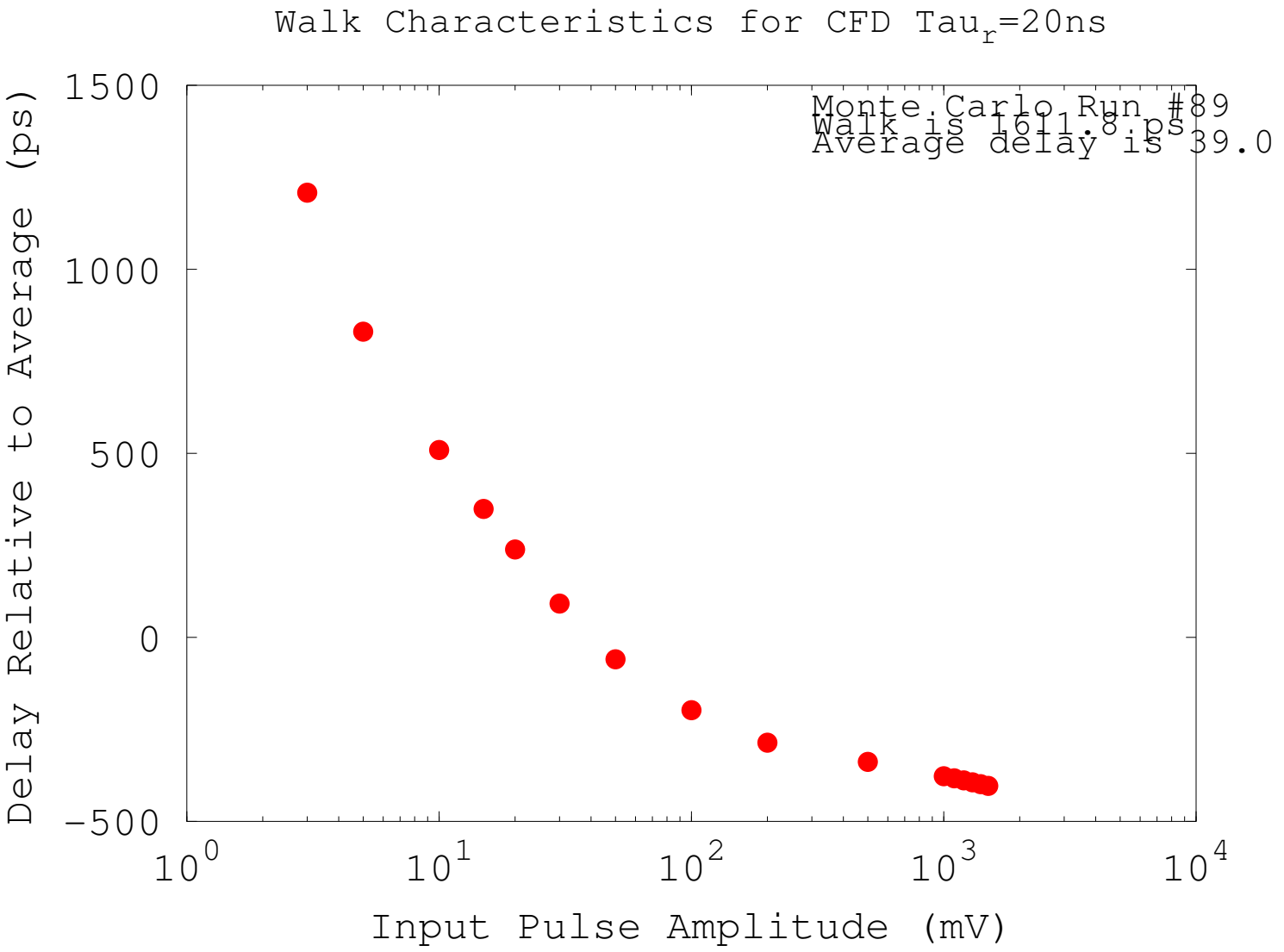

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #84
Walk is 1694.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

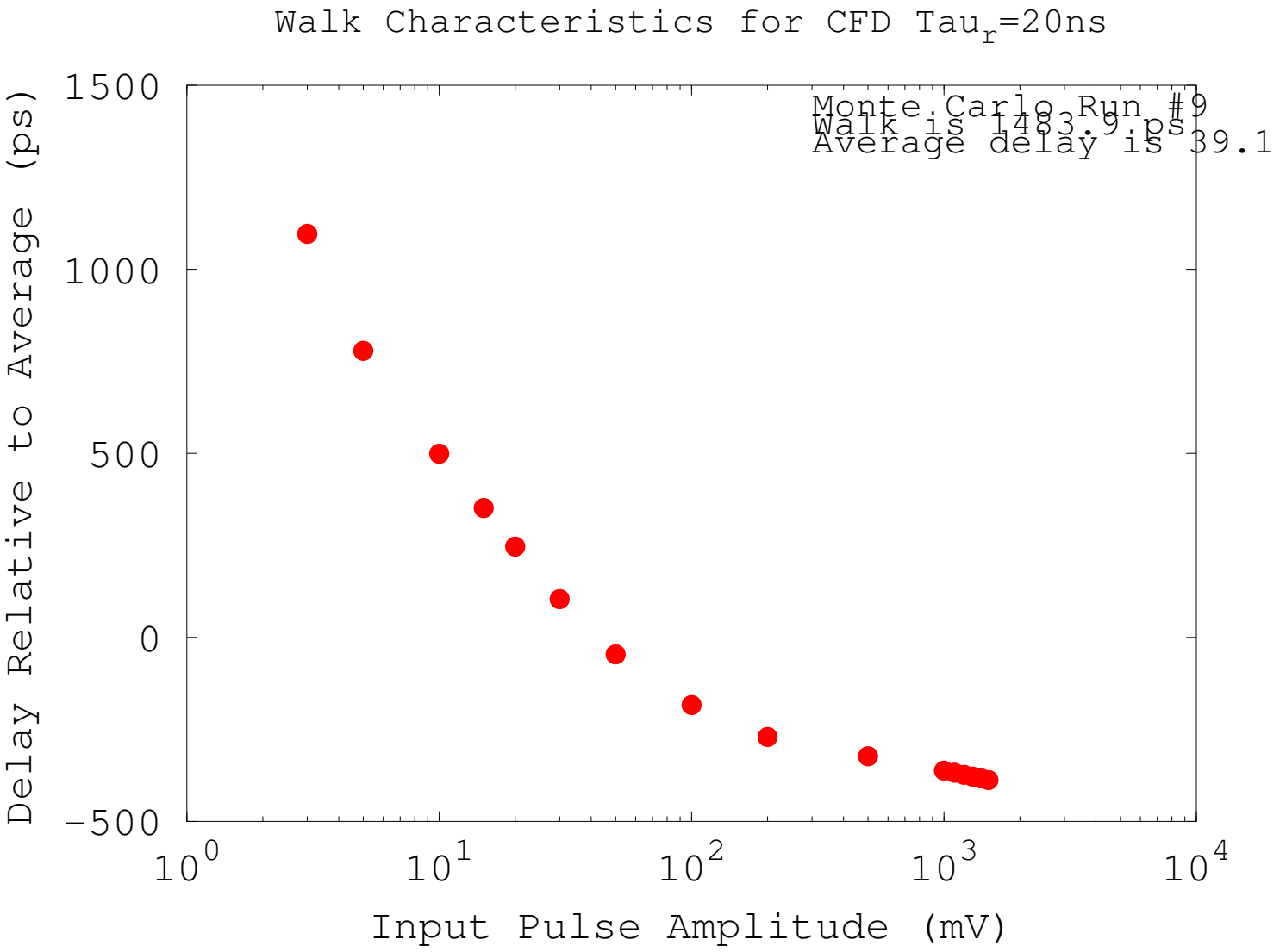

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #85
Walk is 1371.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

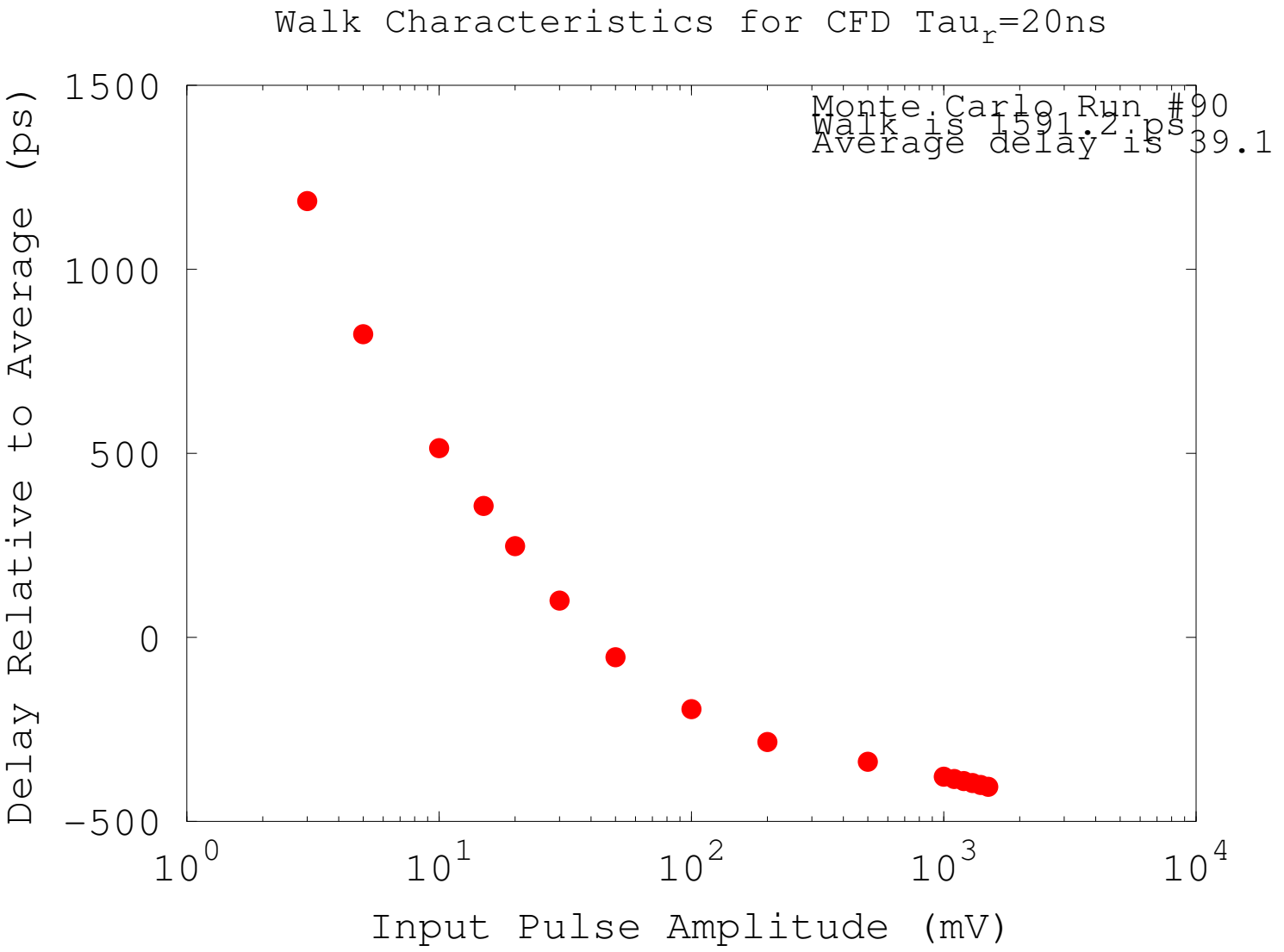

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #86
Walk is 1412.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

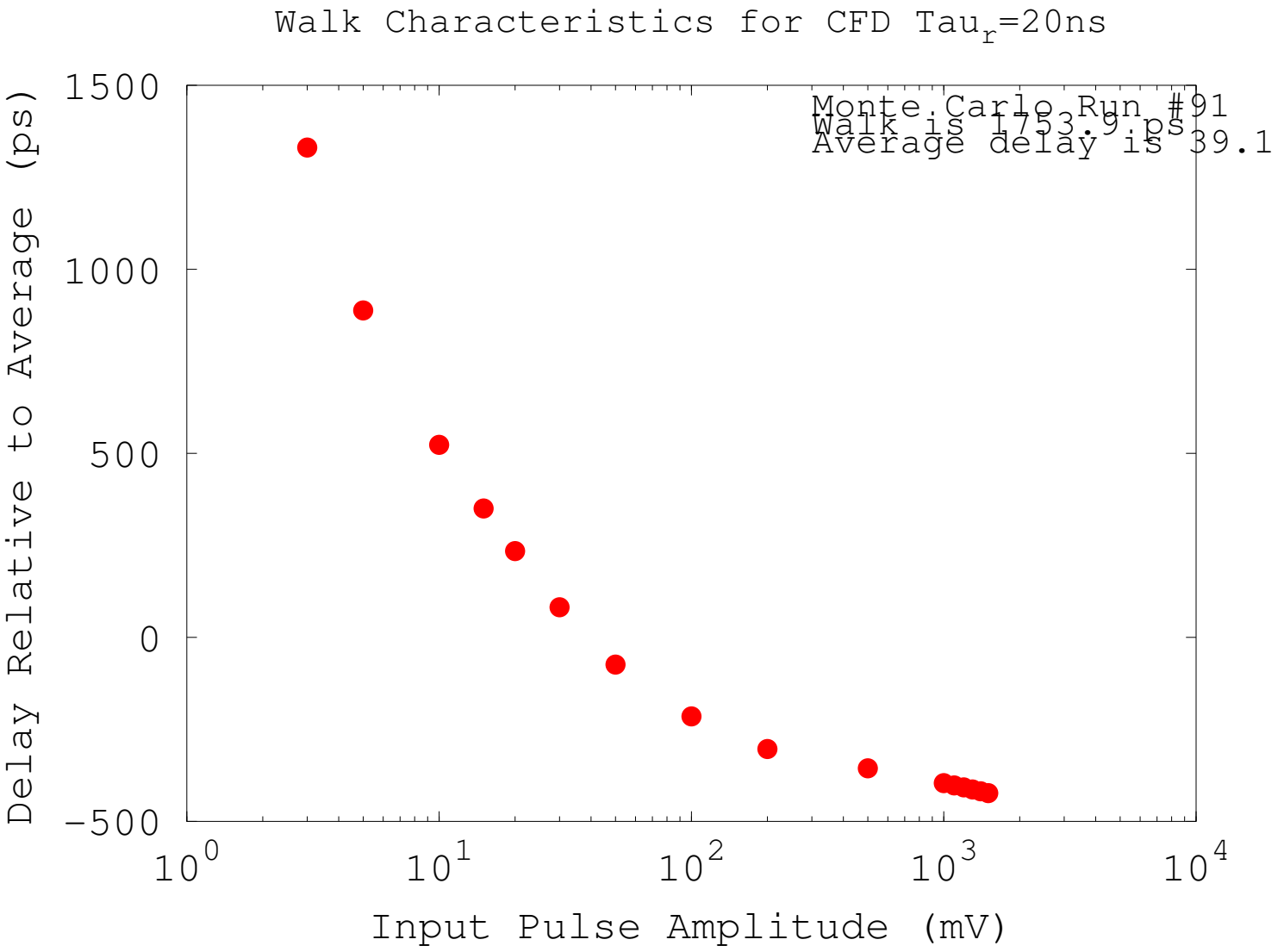

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #87
Walk is 1735.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

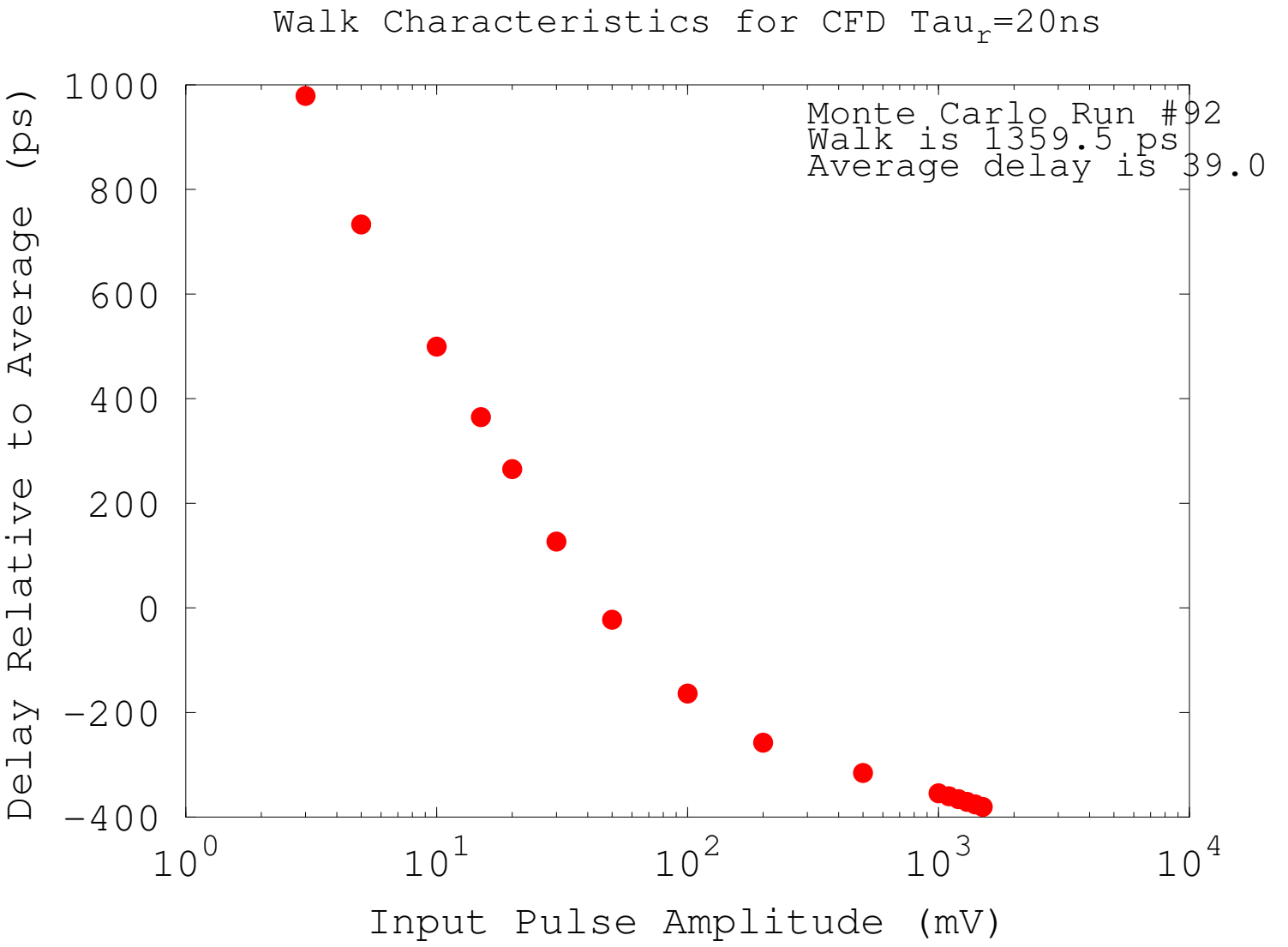

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #88
Walk is 1571.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
-1000
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

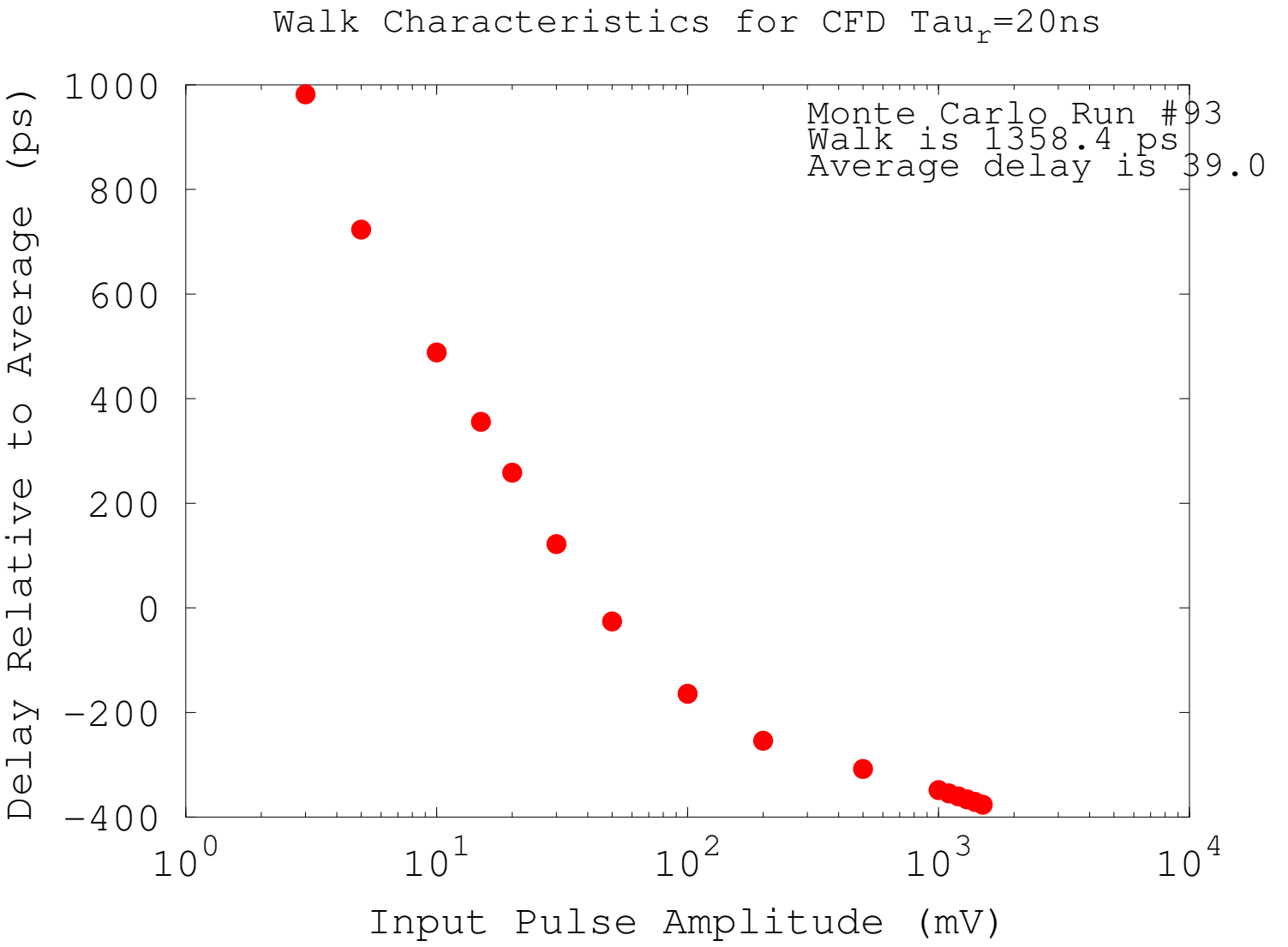

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #89
Walk is 1611.8 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

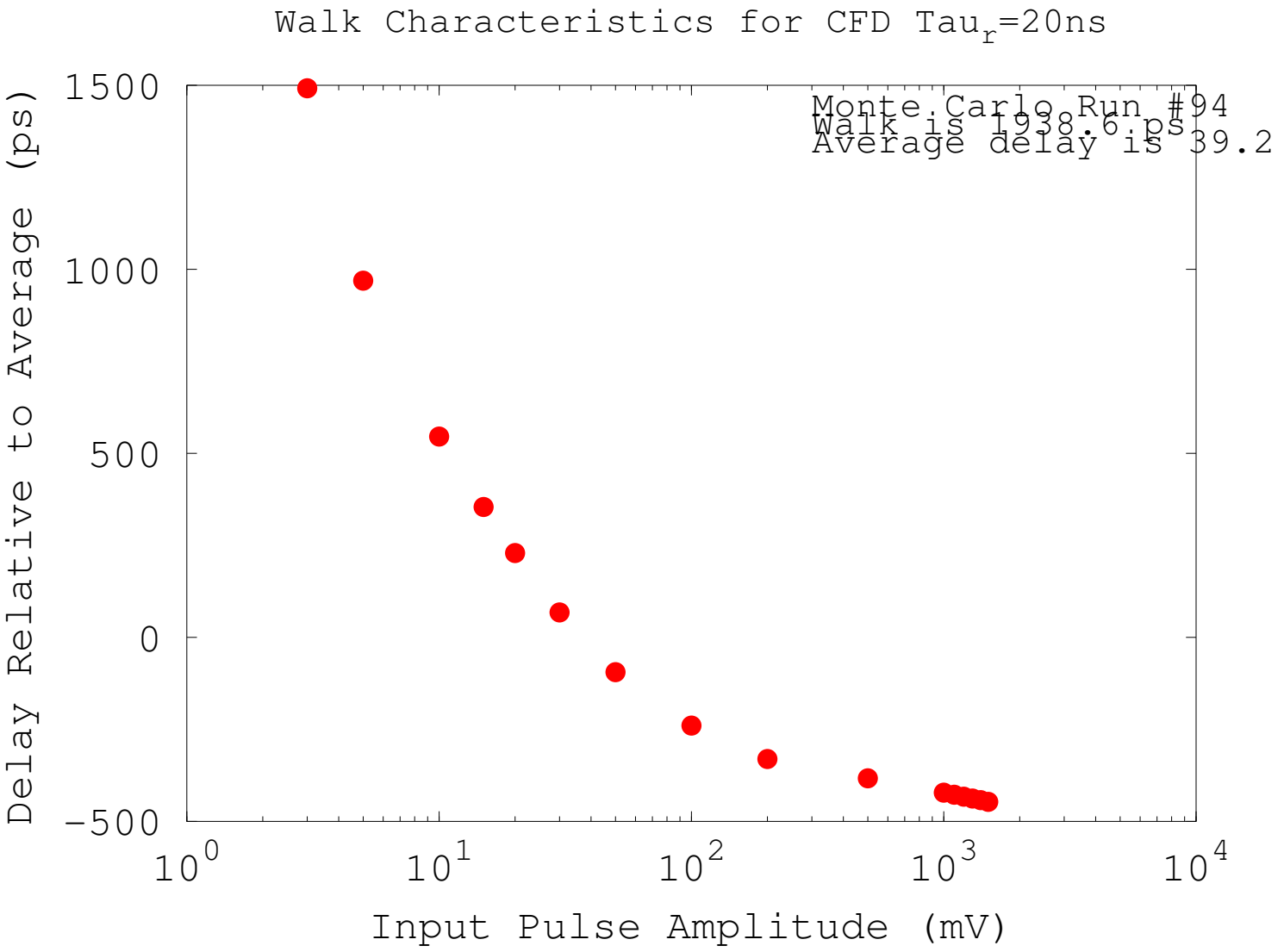

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #9
Walk is 1483.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

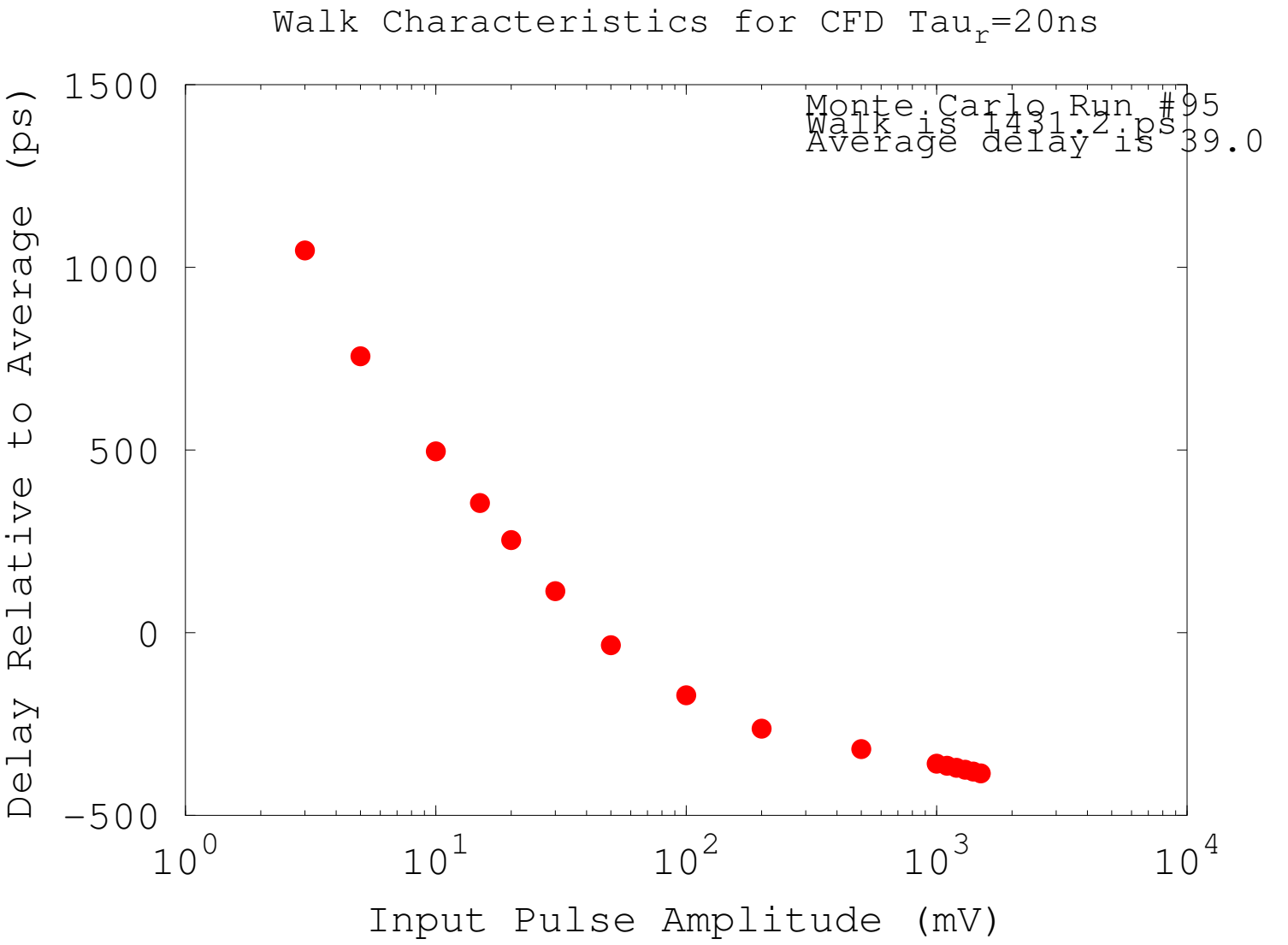

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #90
Walk is 1591.2 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

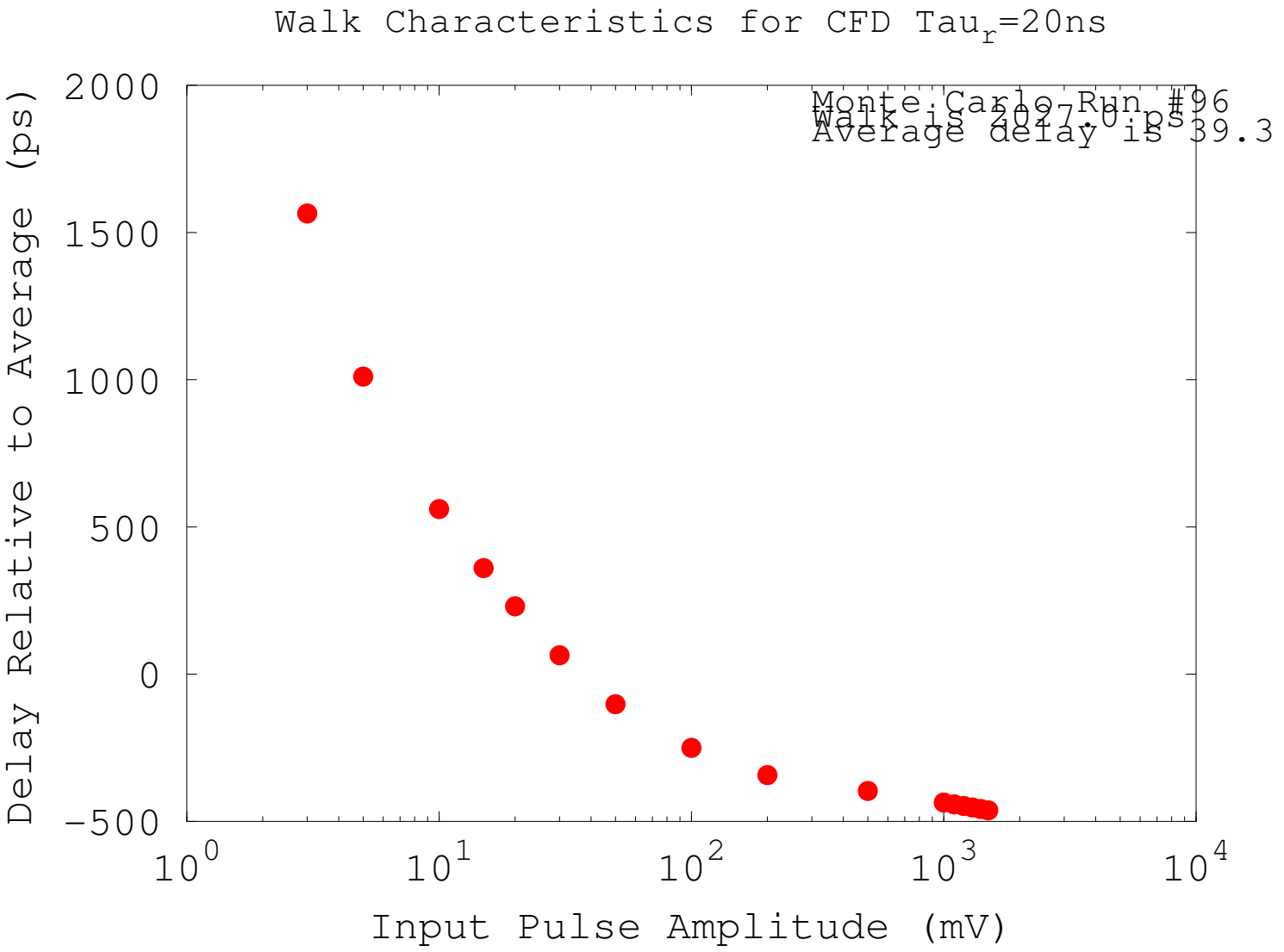

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #91
Walk is 1753.9 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

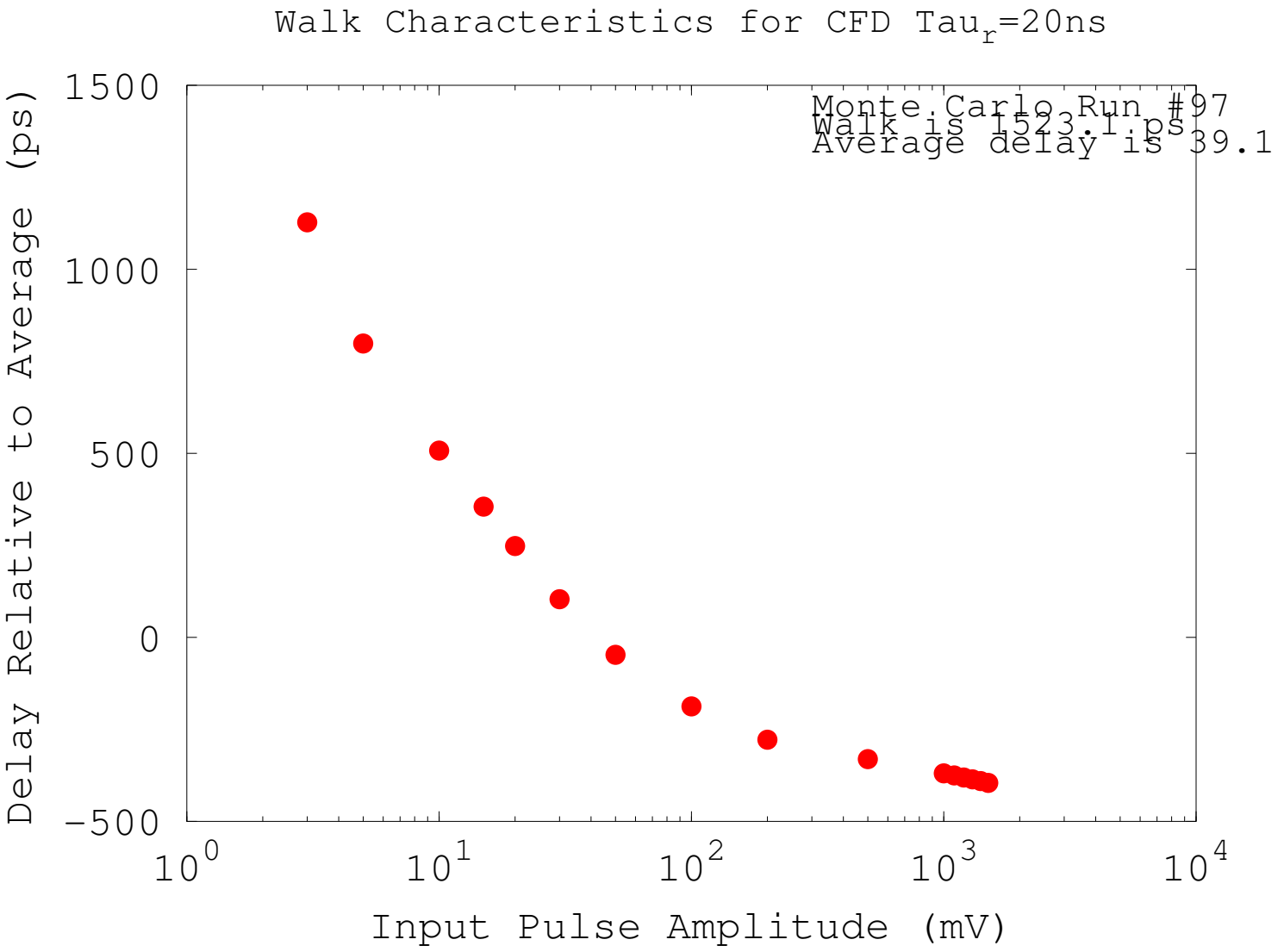

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #92
Walk is 1359.5 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

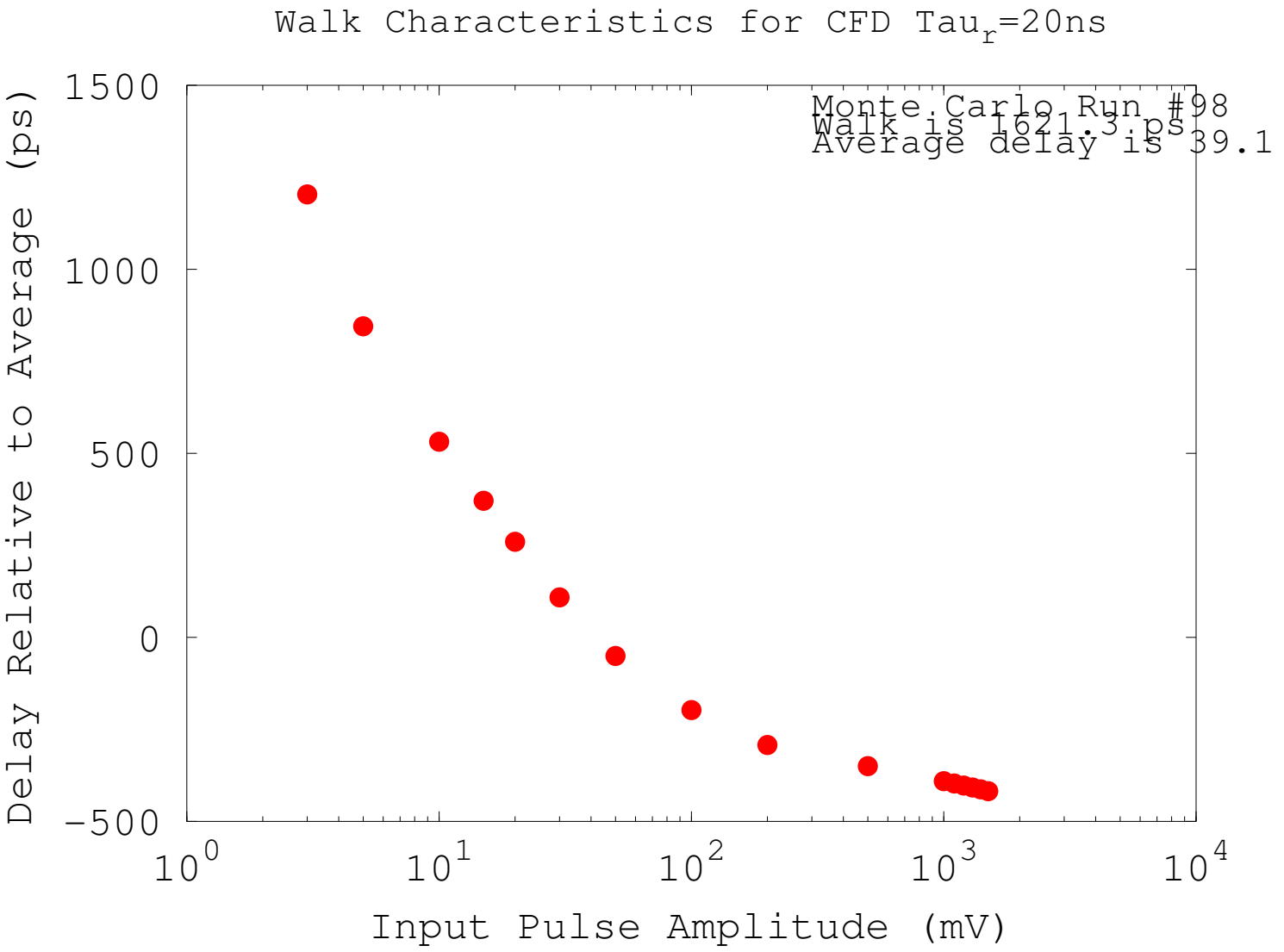

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #93
Walk is 1358.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

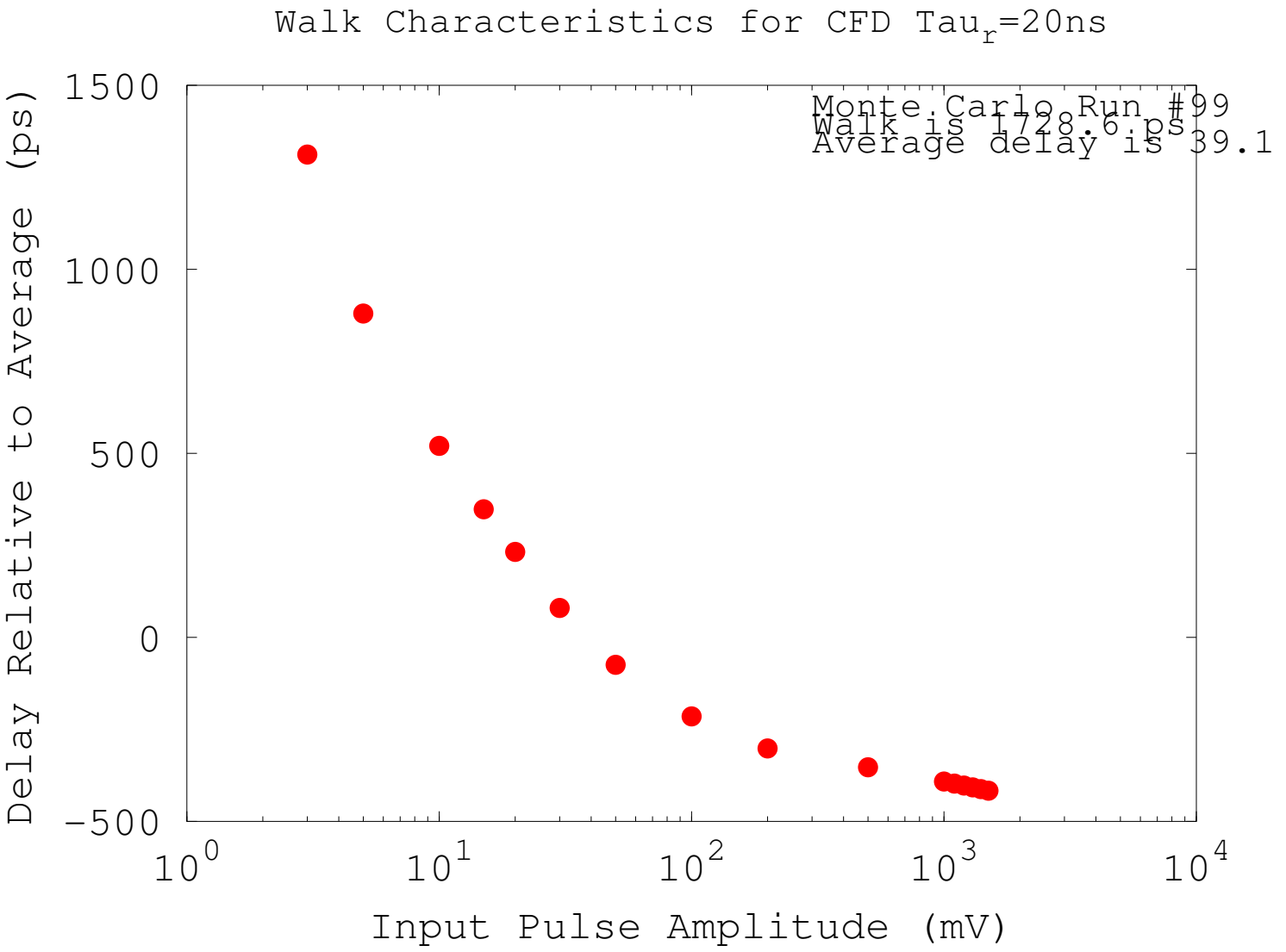

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #94
Walk is 1938.6 ps
Average delay is 39.2
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

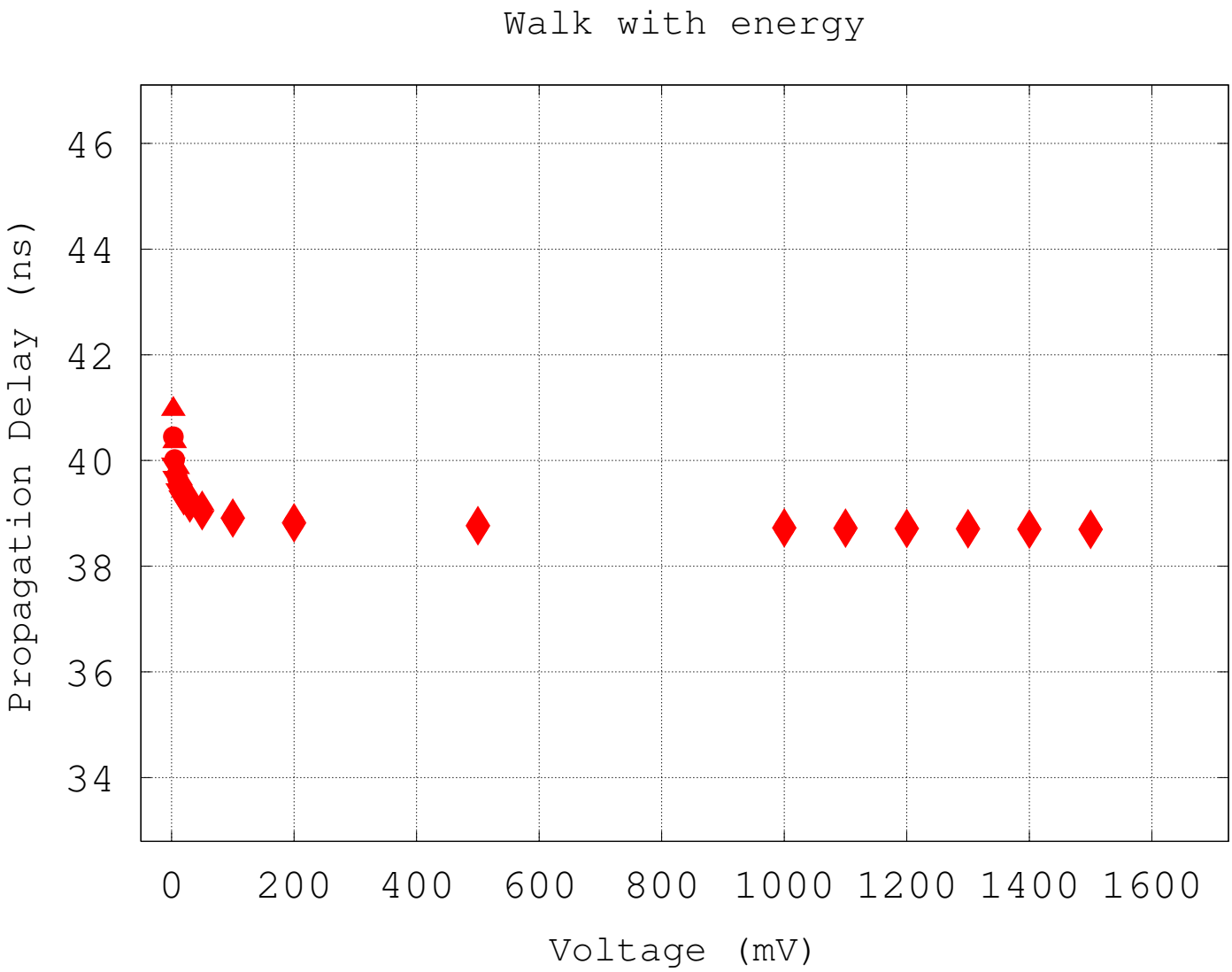

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #95
Walk is 1431.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

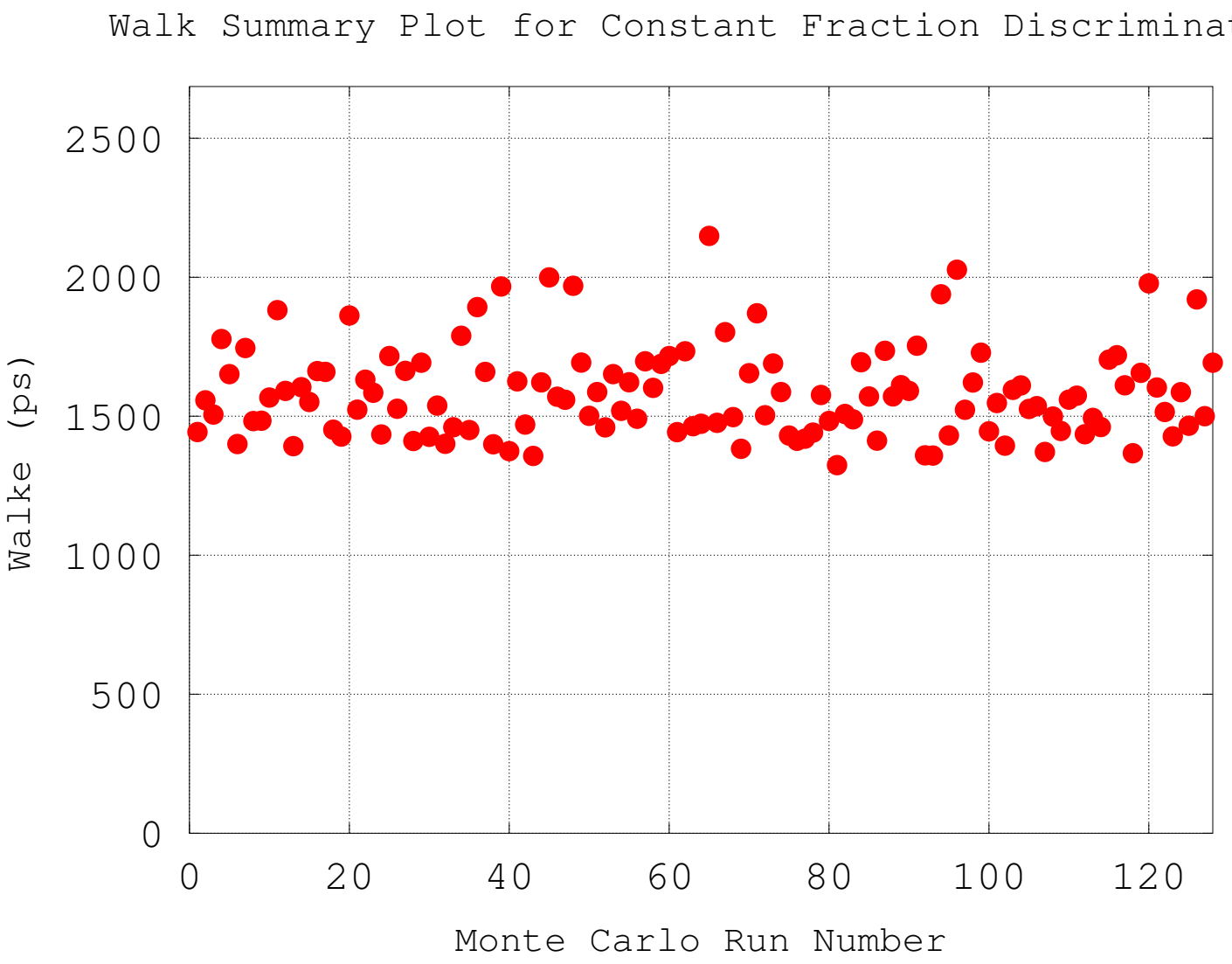

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #96
Walk is 2027.0 ps
Average delay is 39.3
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #97
Walk is 1523.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #98
Walk is 1621.3 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #99
Walk is 1728.6 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)


Walk with energy
Propagation Delay (ns)
46
44
42
40
38
36
34
0
200
400
600
800
1000
1200
1400
1600
Voltage (mV)


Walk Summary Plot for Constant Fraction Discriminator
Walke (ps)
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
Monte Carlo Run Number