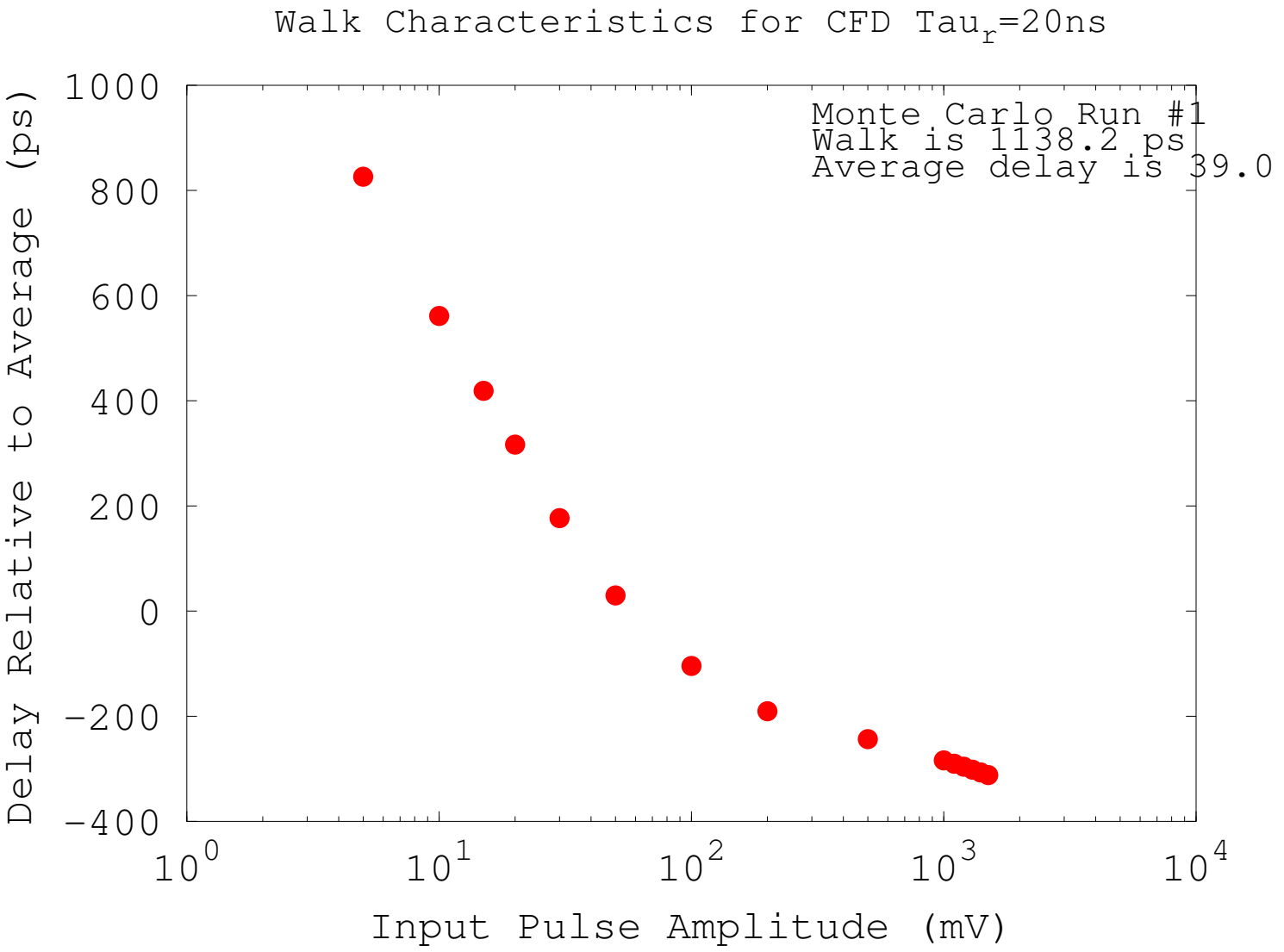
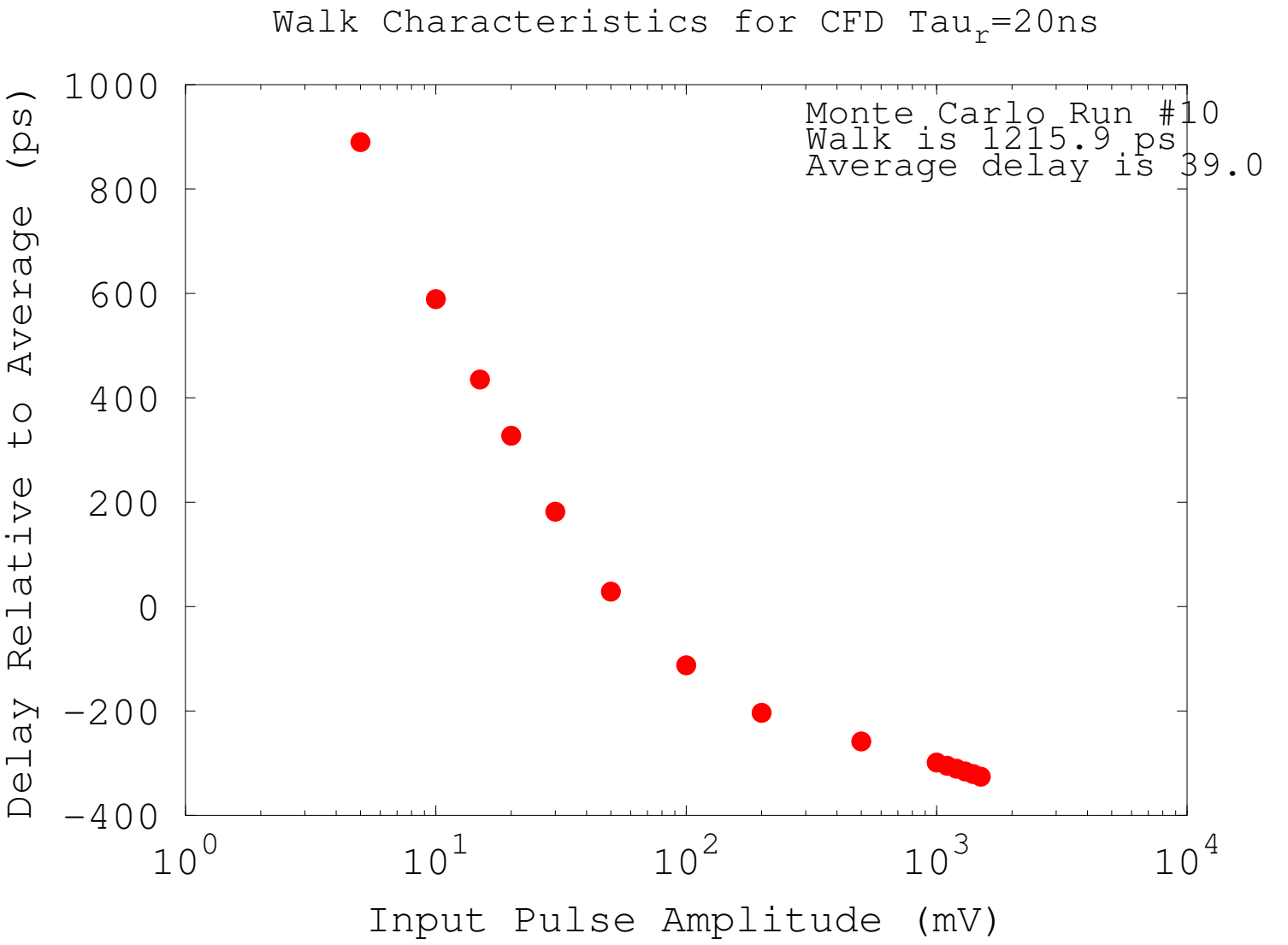
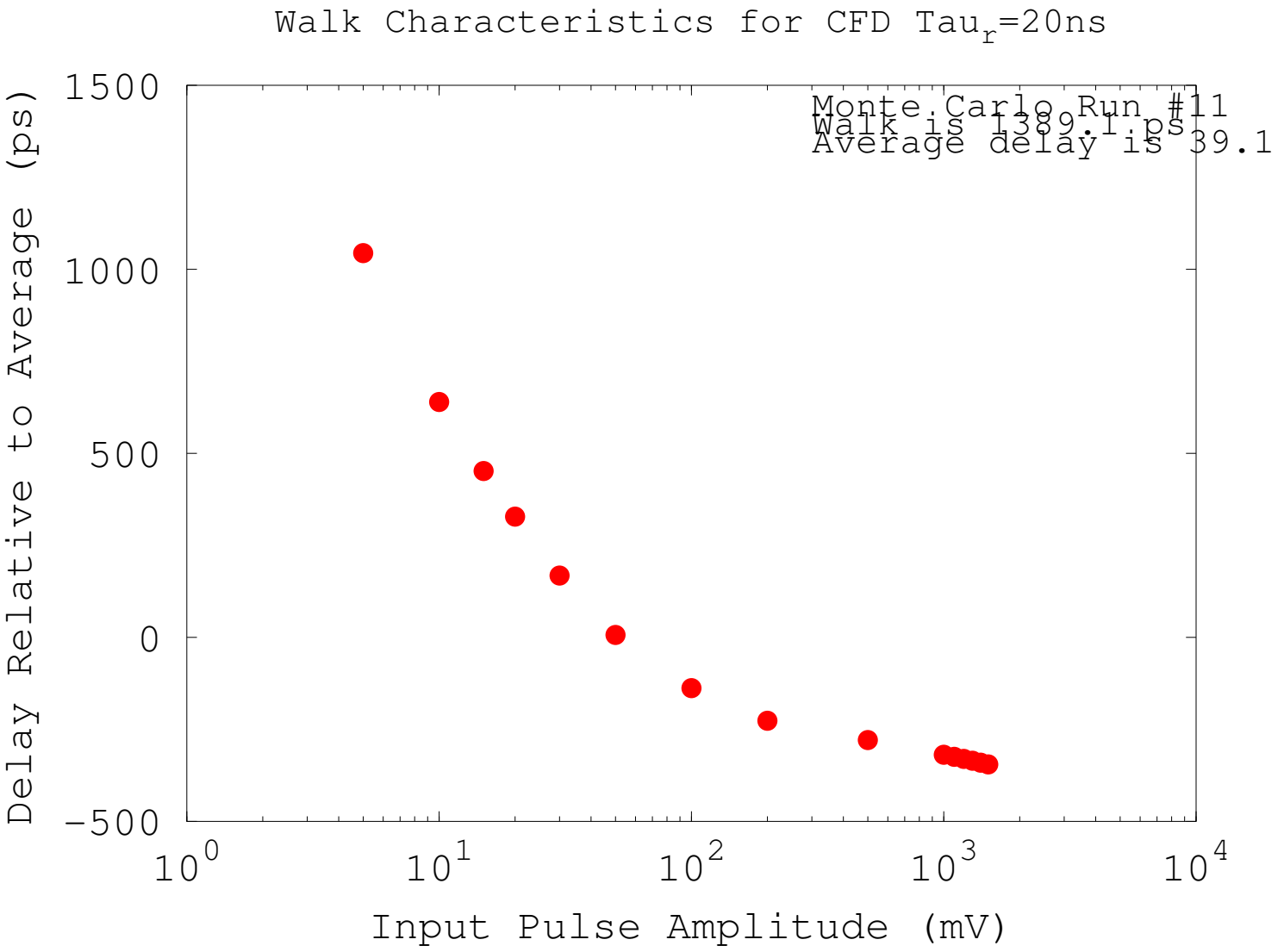
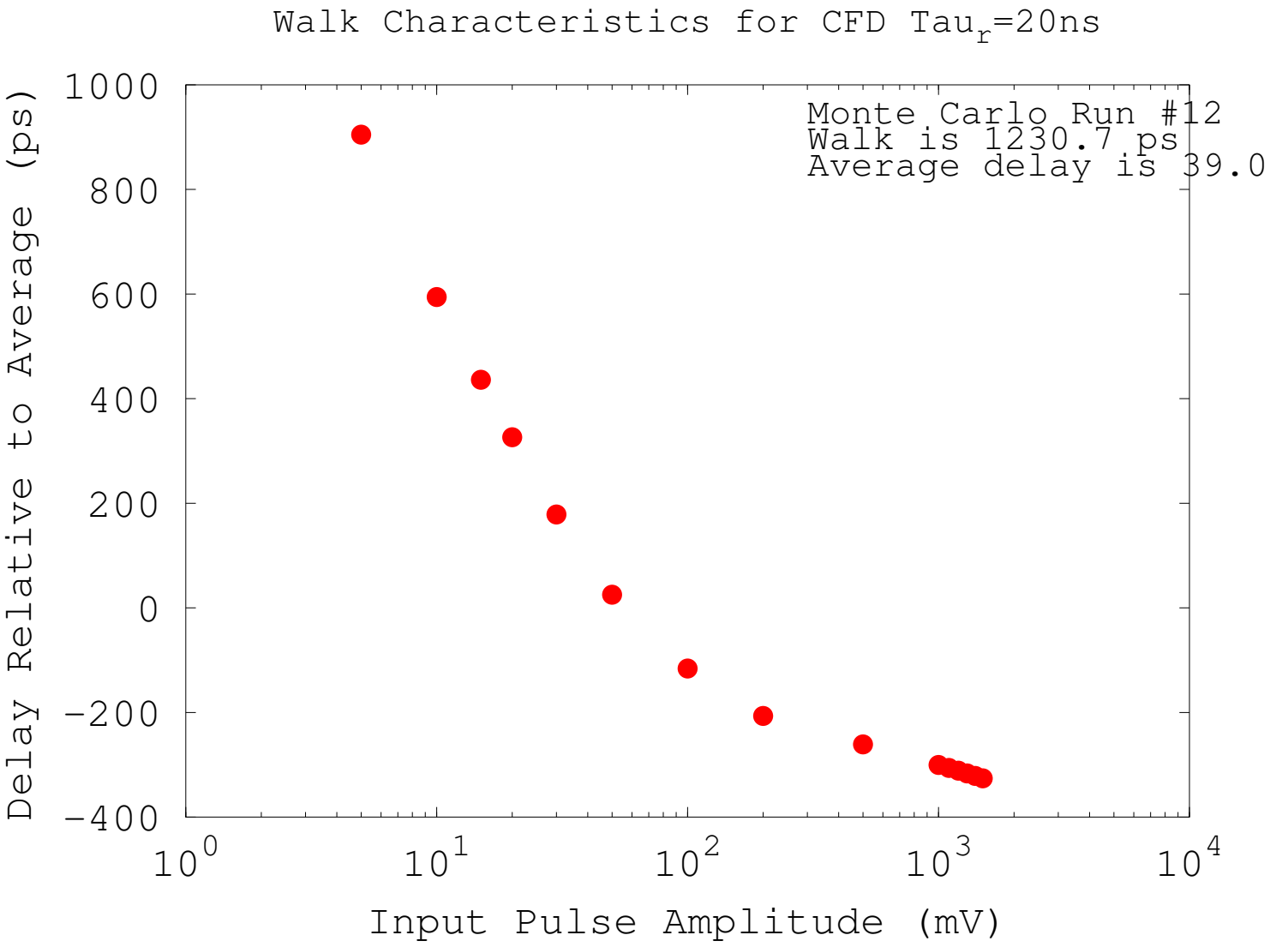
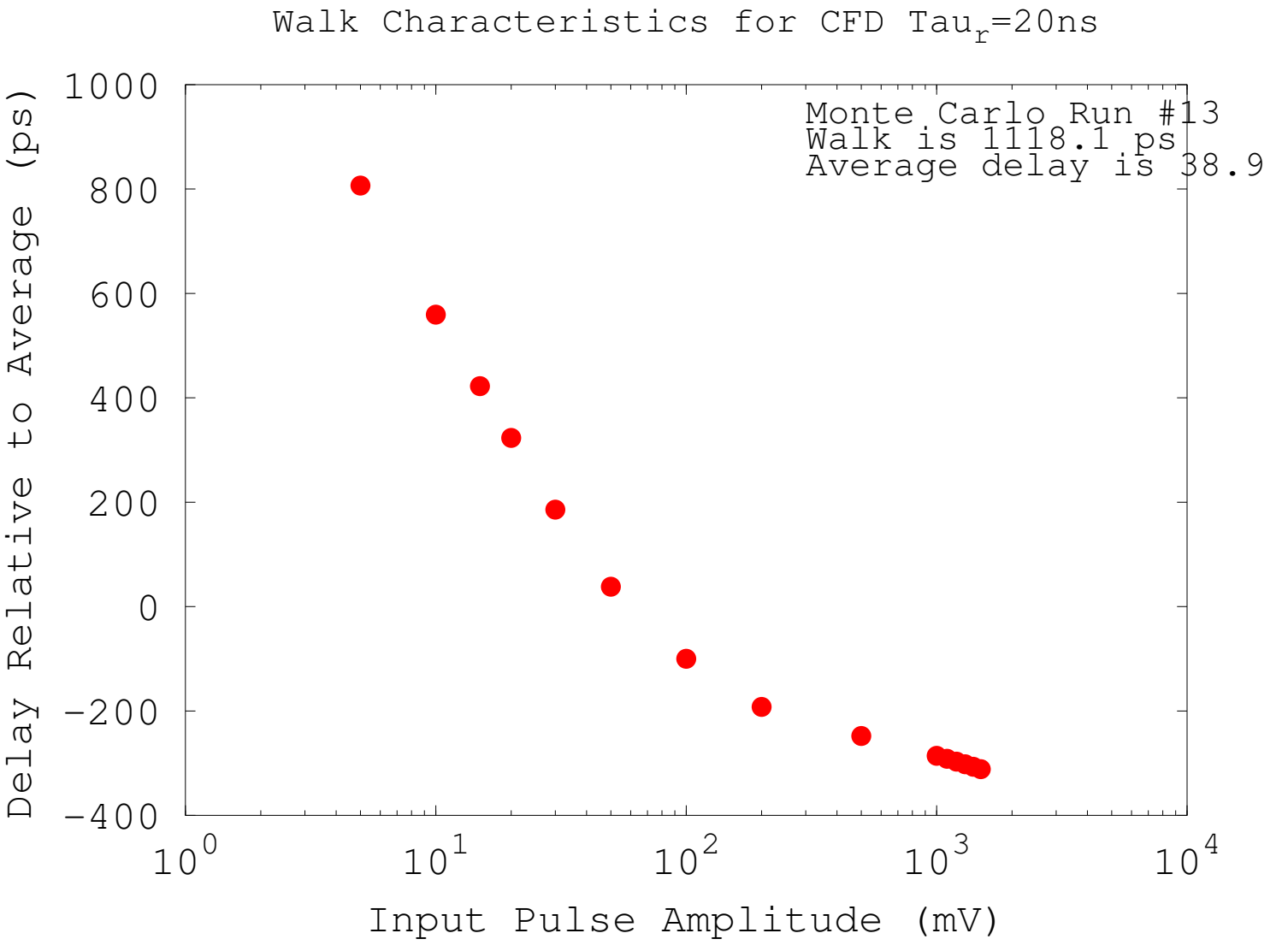
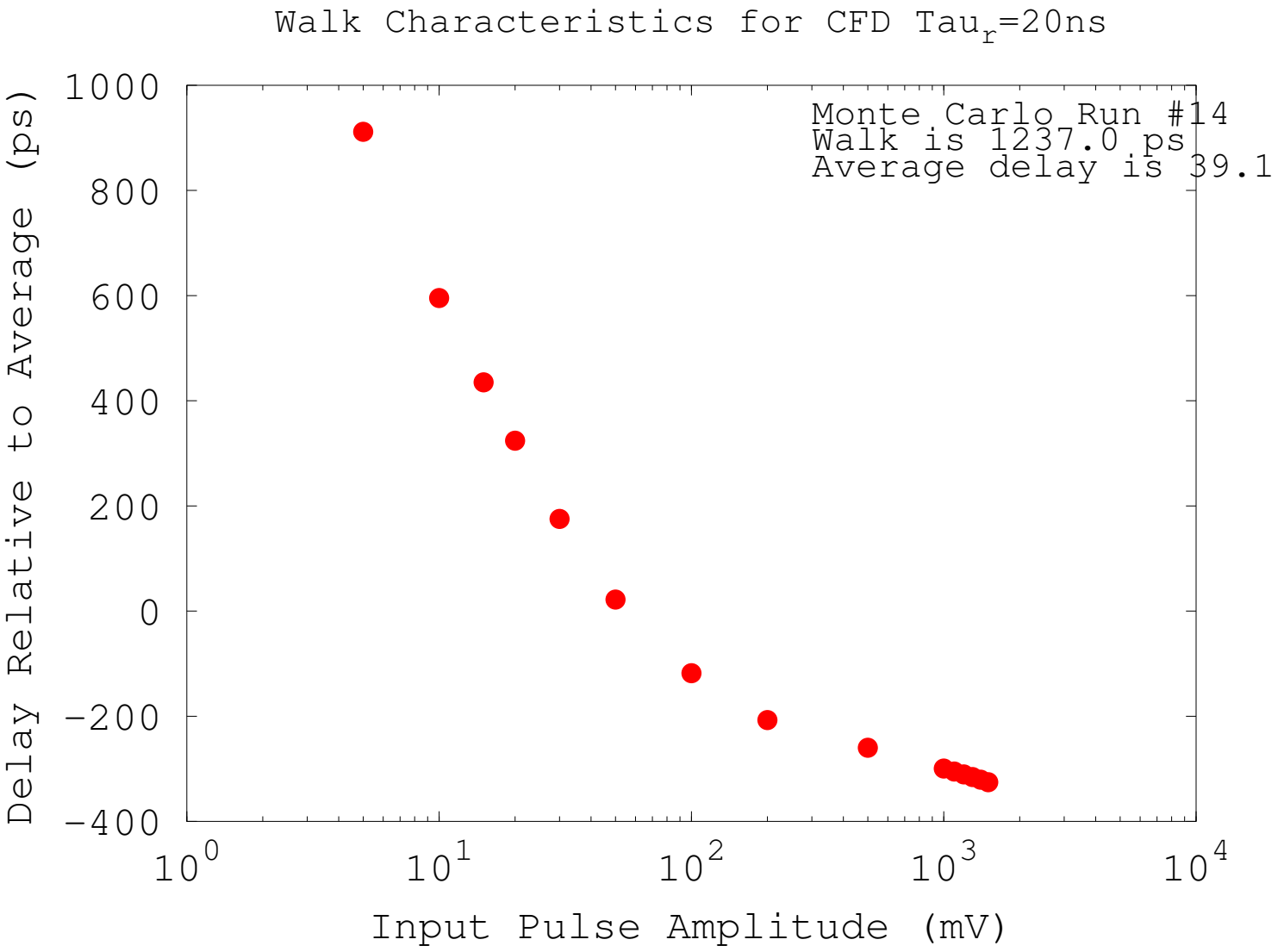

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #1
Walk is 1138.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

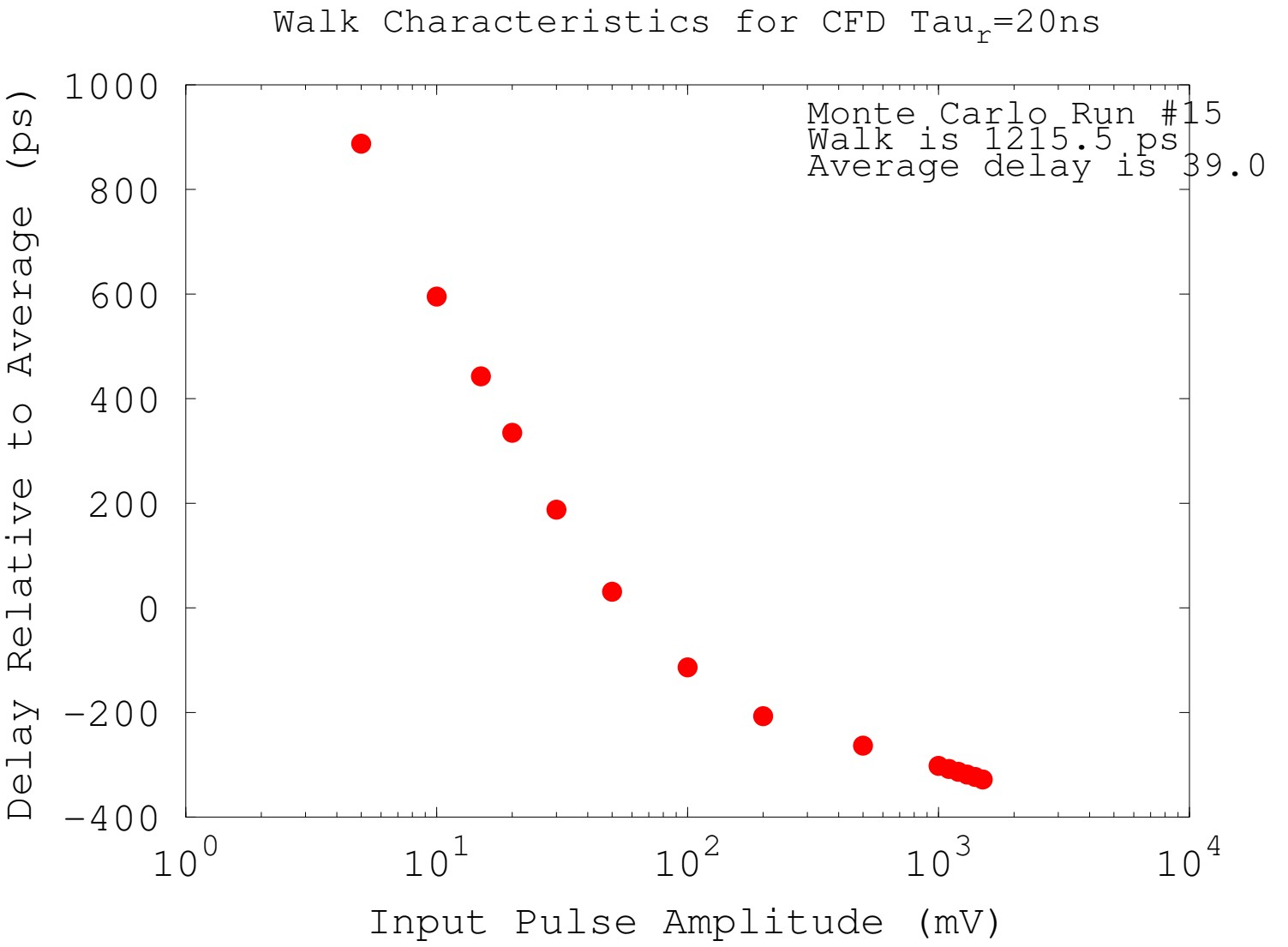

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #10
Walk is 1215.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

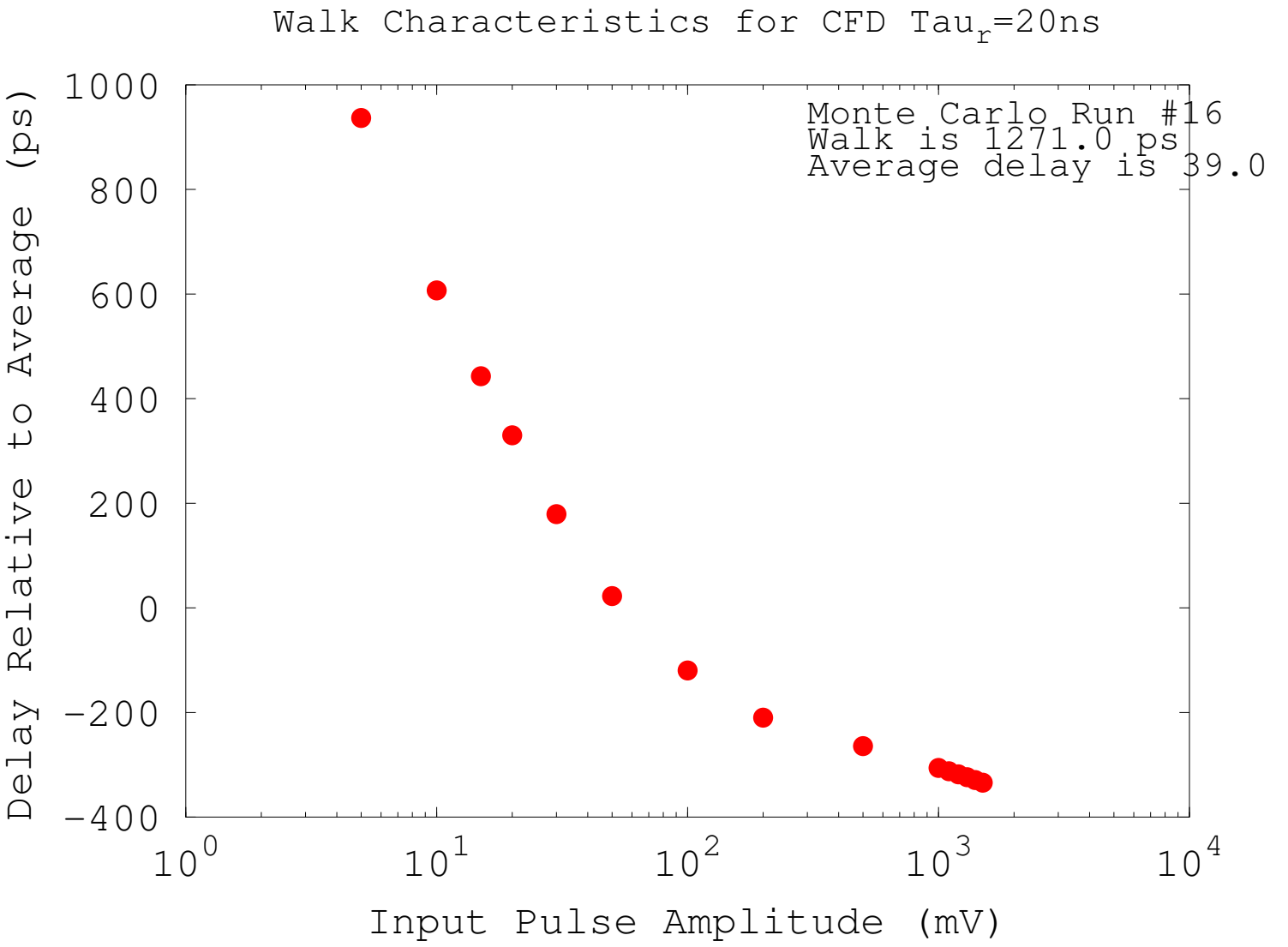

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #11
Walk is 1389.1 ps
Average delay is 39.1
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

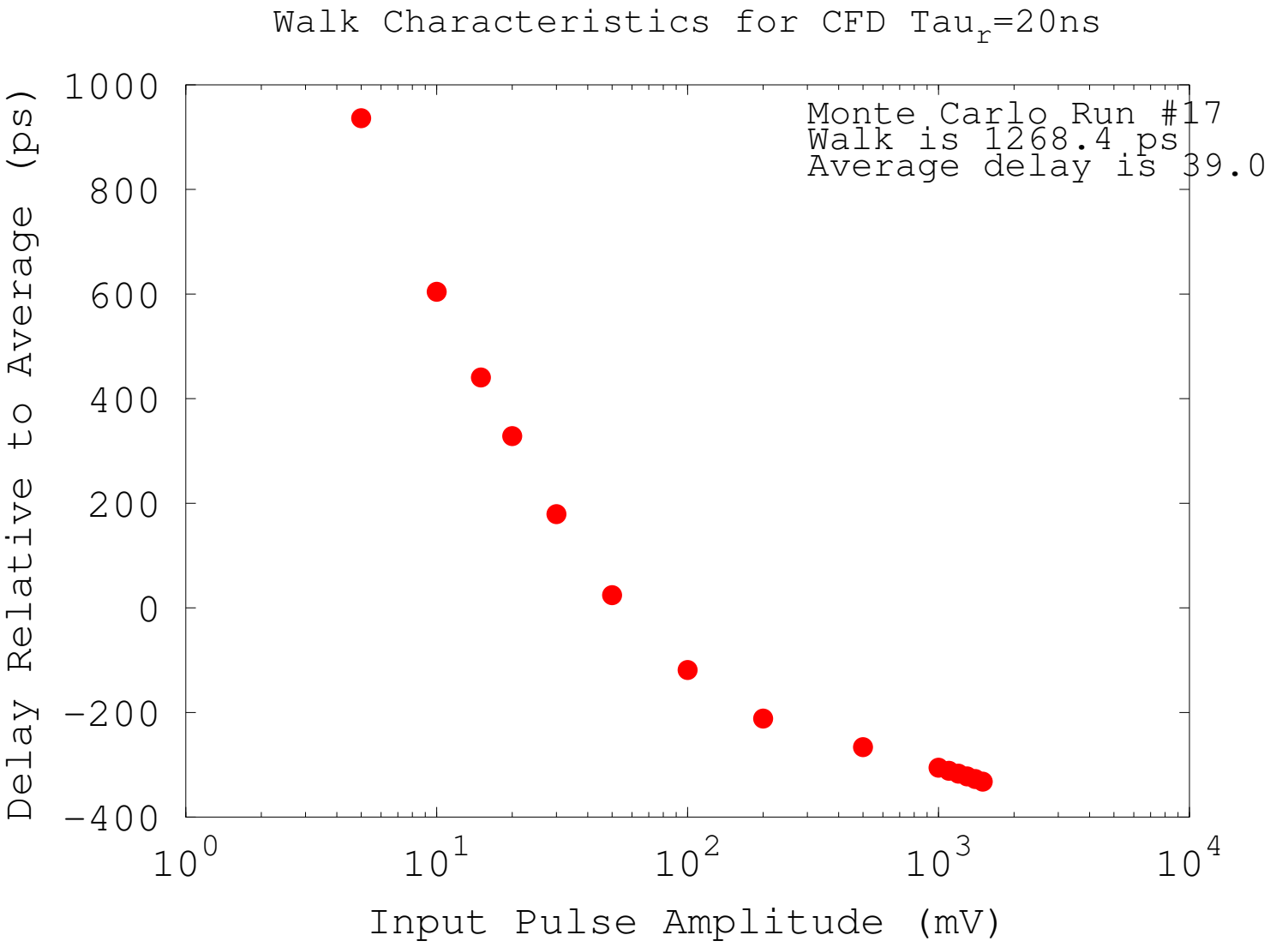

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #12
Walk is 1230.7 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

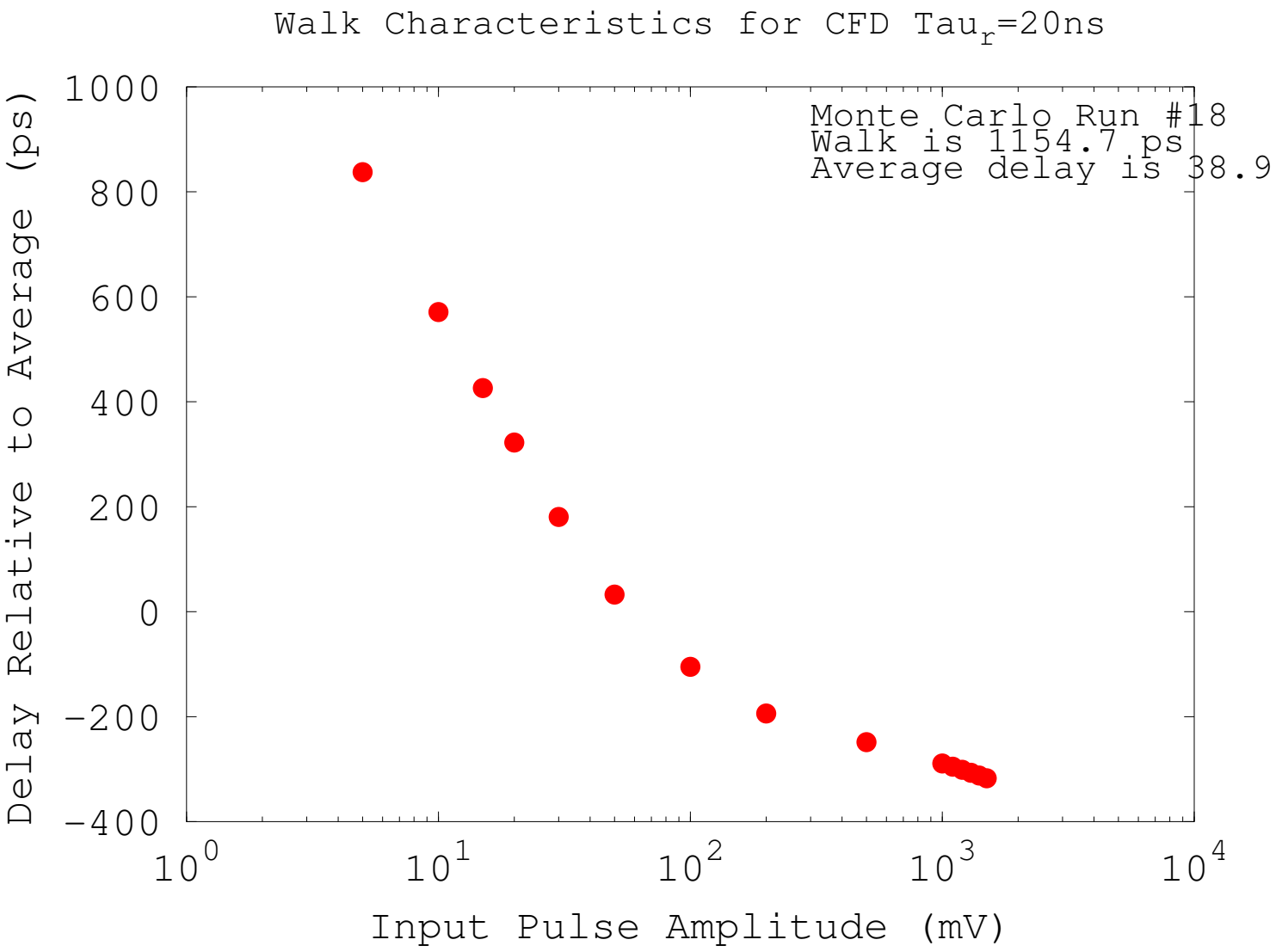

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #13
Walk is 1118.1 ps
Average delay is 38.9
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

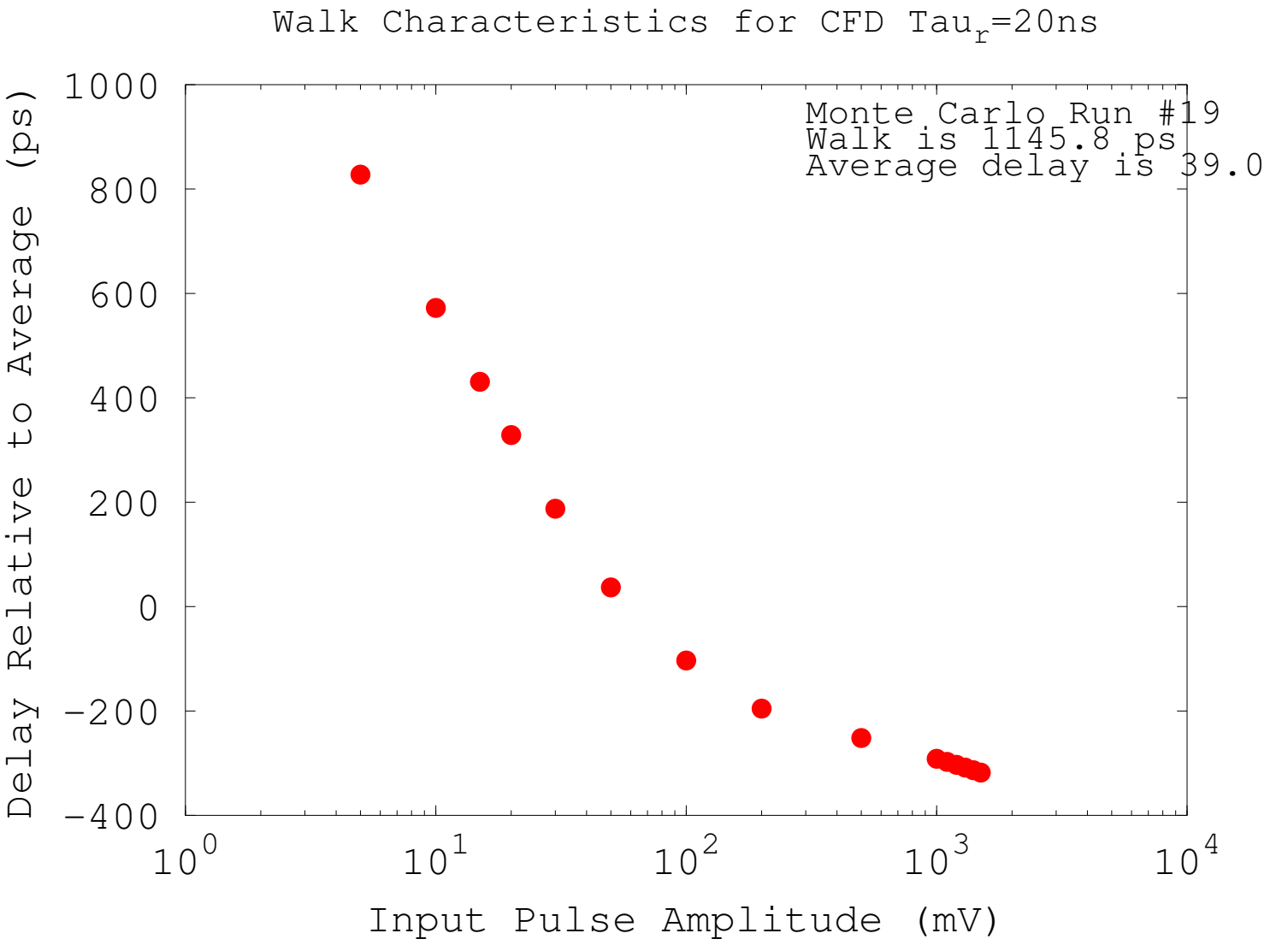

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #14
Walk is 1237.0 ps
Average delay is 39.1
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

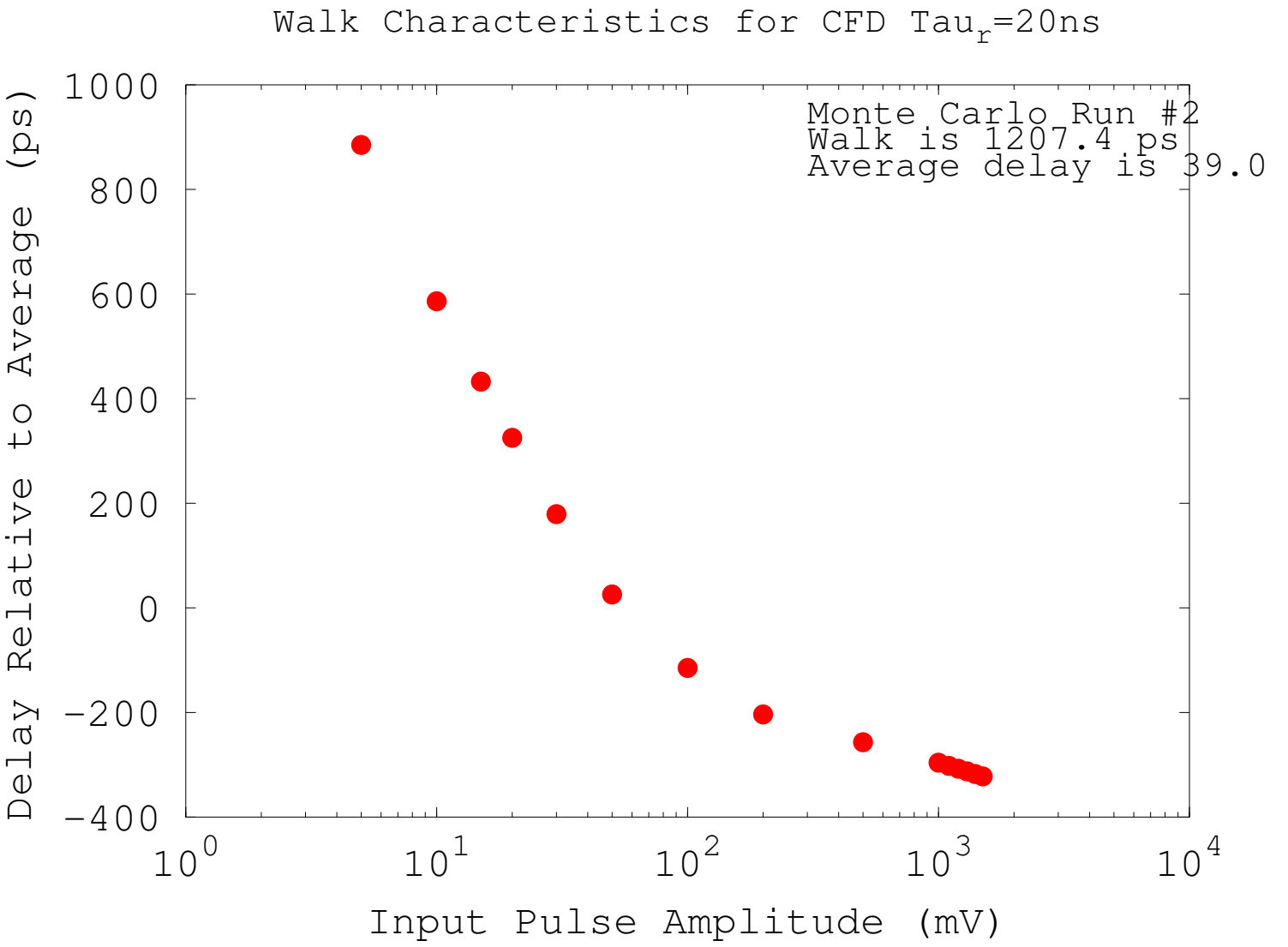

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #15
Walk is 1215.5 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

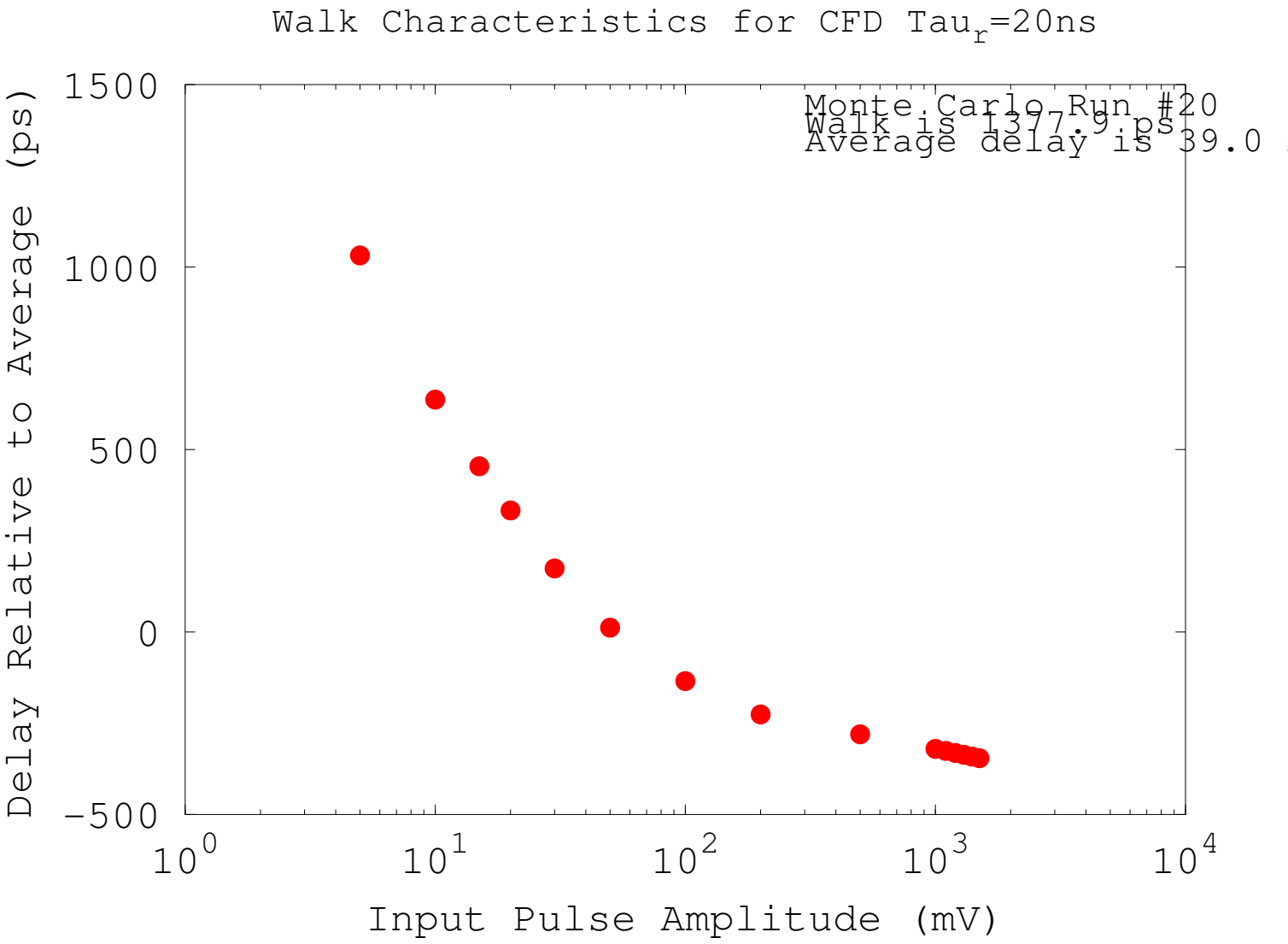

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #16
Walk is 1271.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

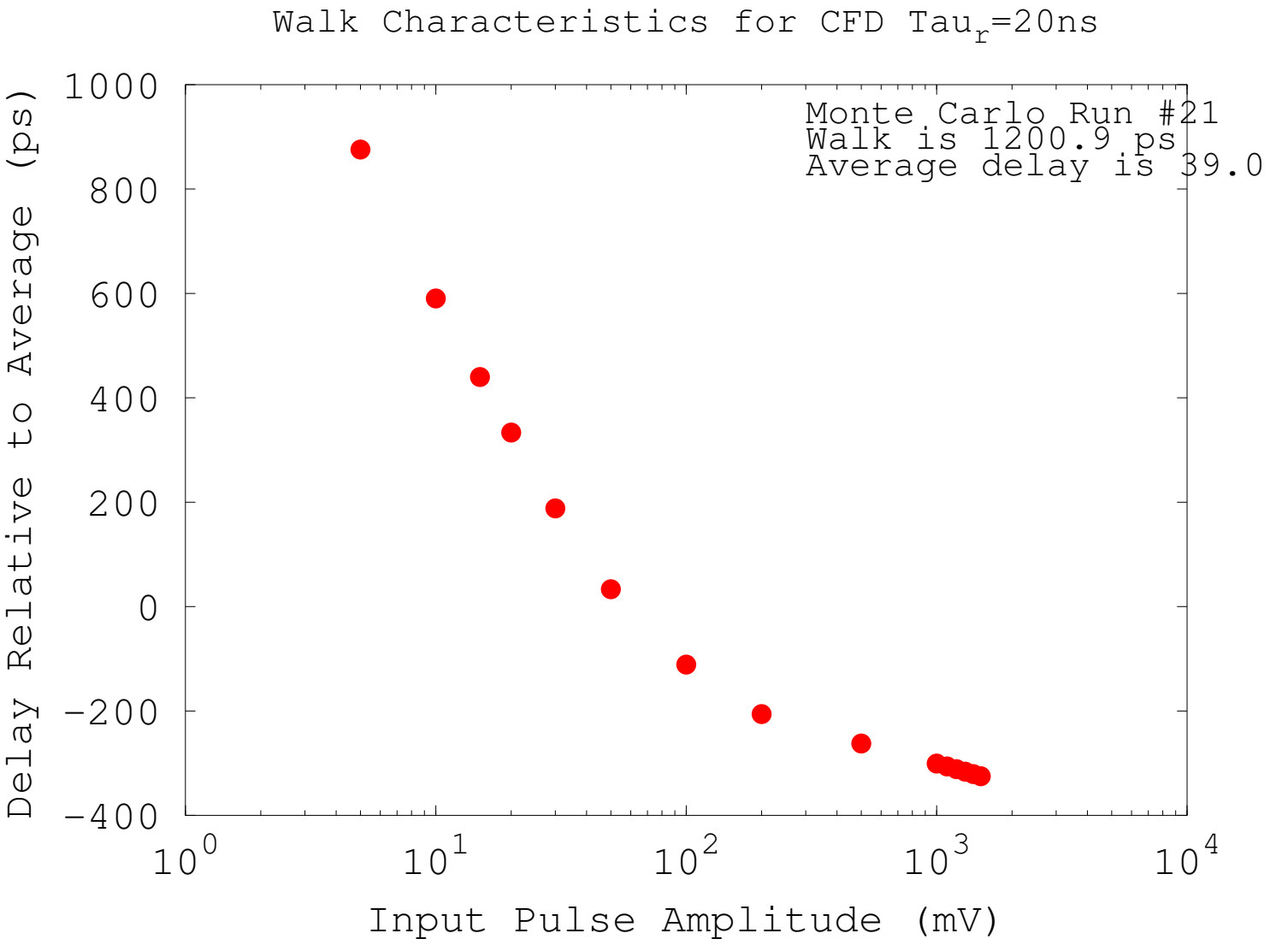

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #17
Walk is 1268.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

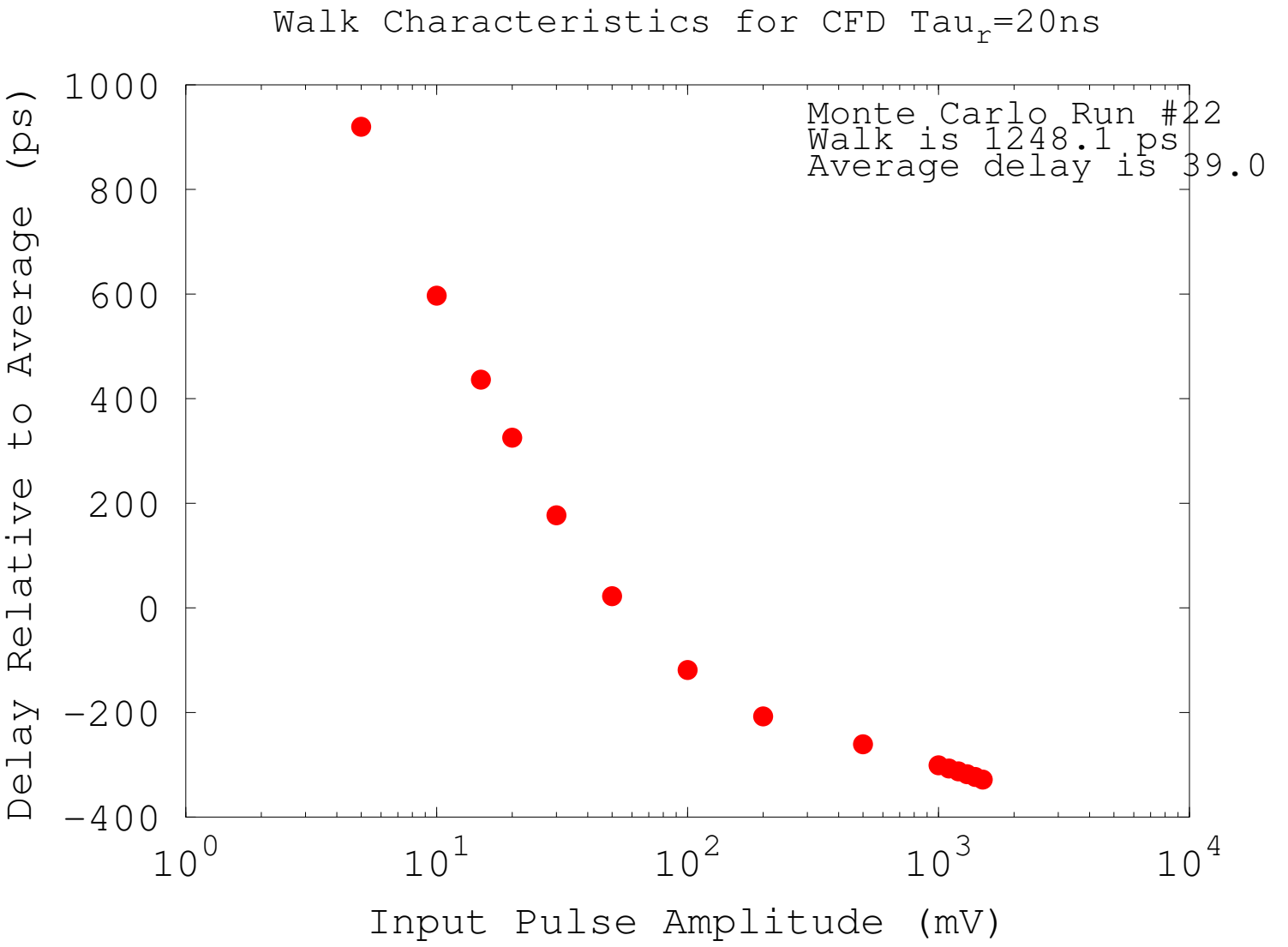

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #18
Walk is 1154.7 ps
Average delay is 38.9
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

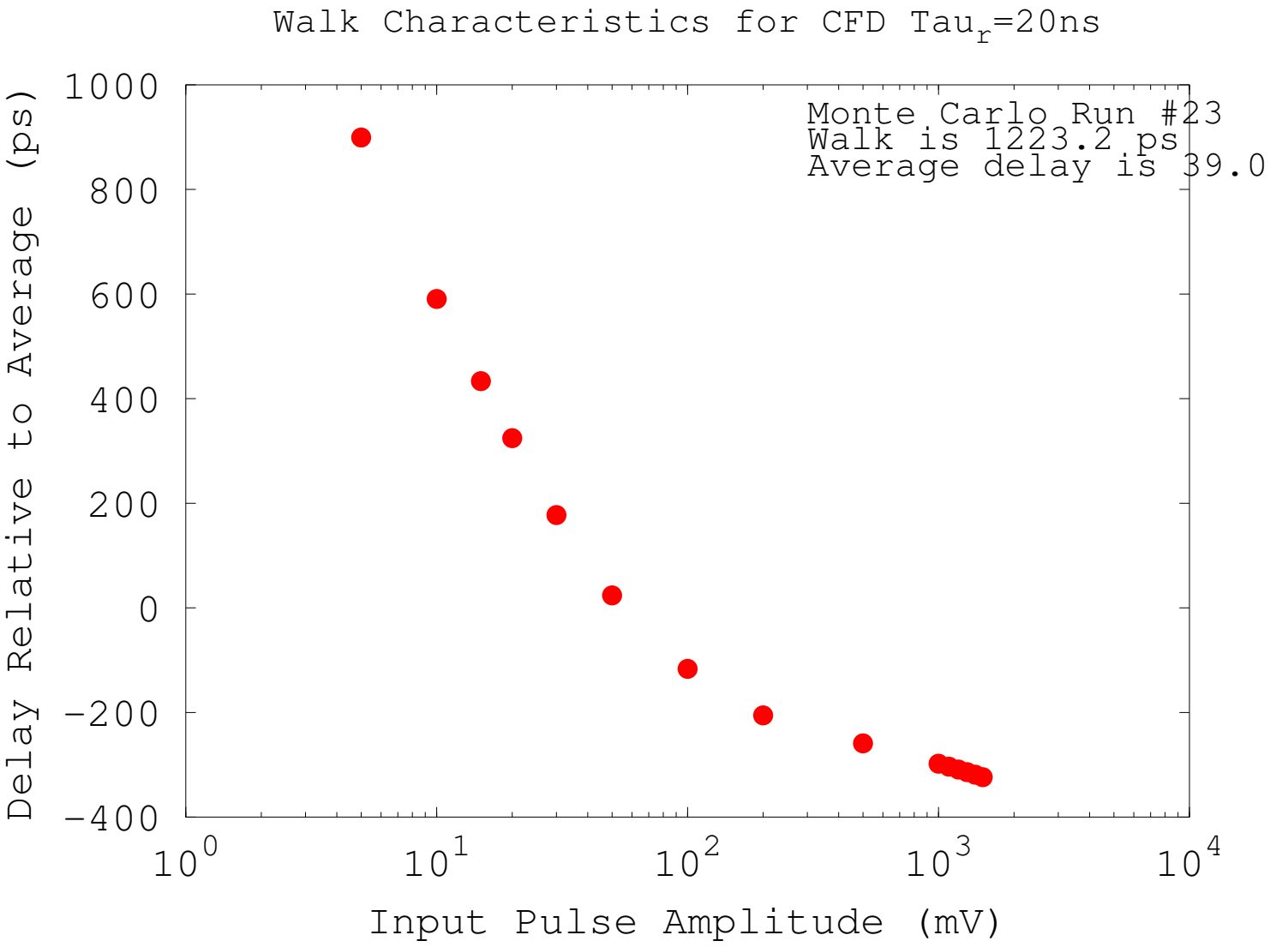

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #19
Walk is 1145.8 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

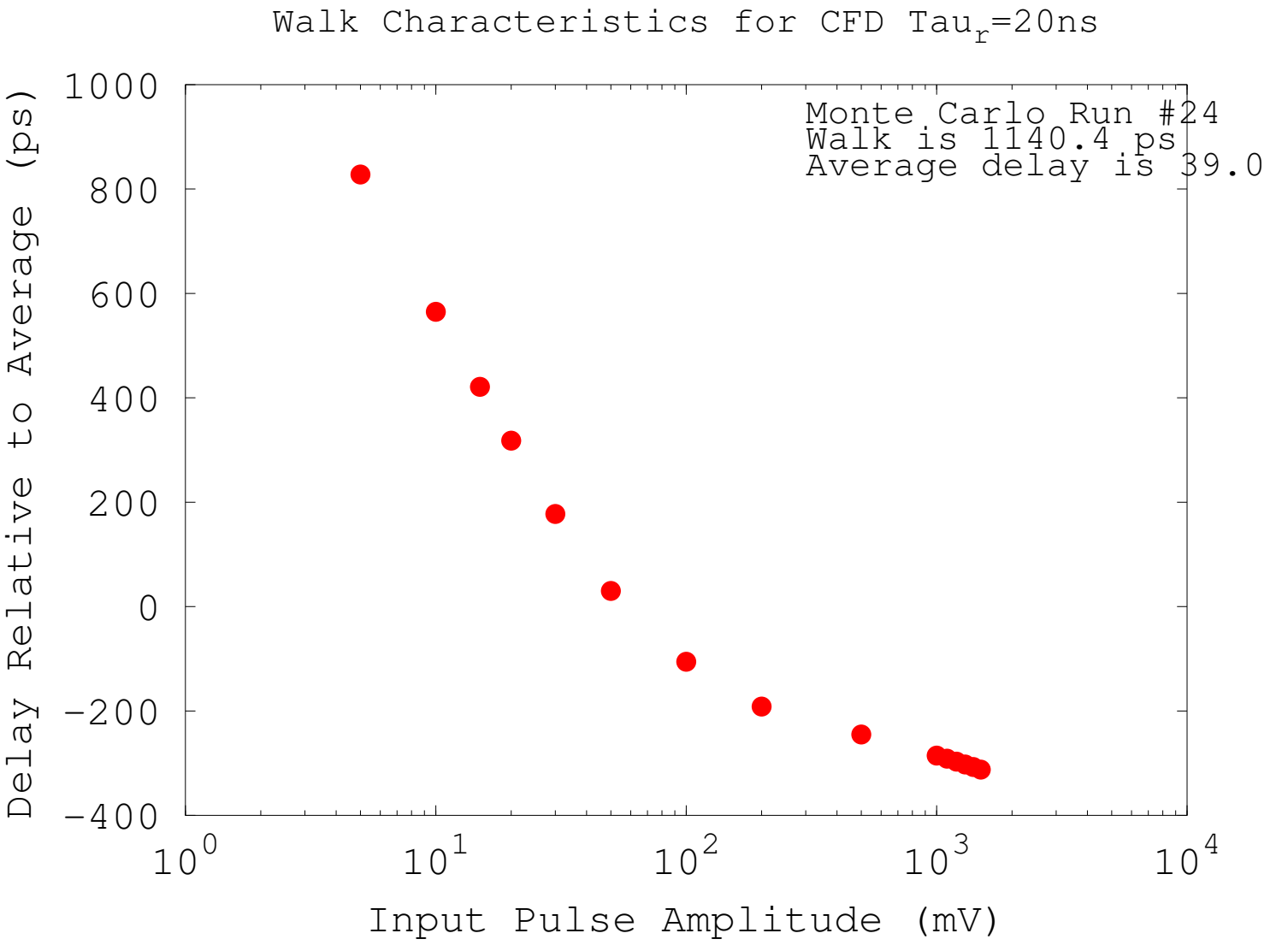

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #2
Walk is 1207.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

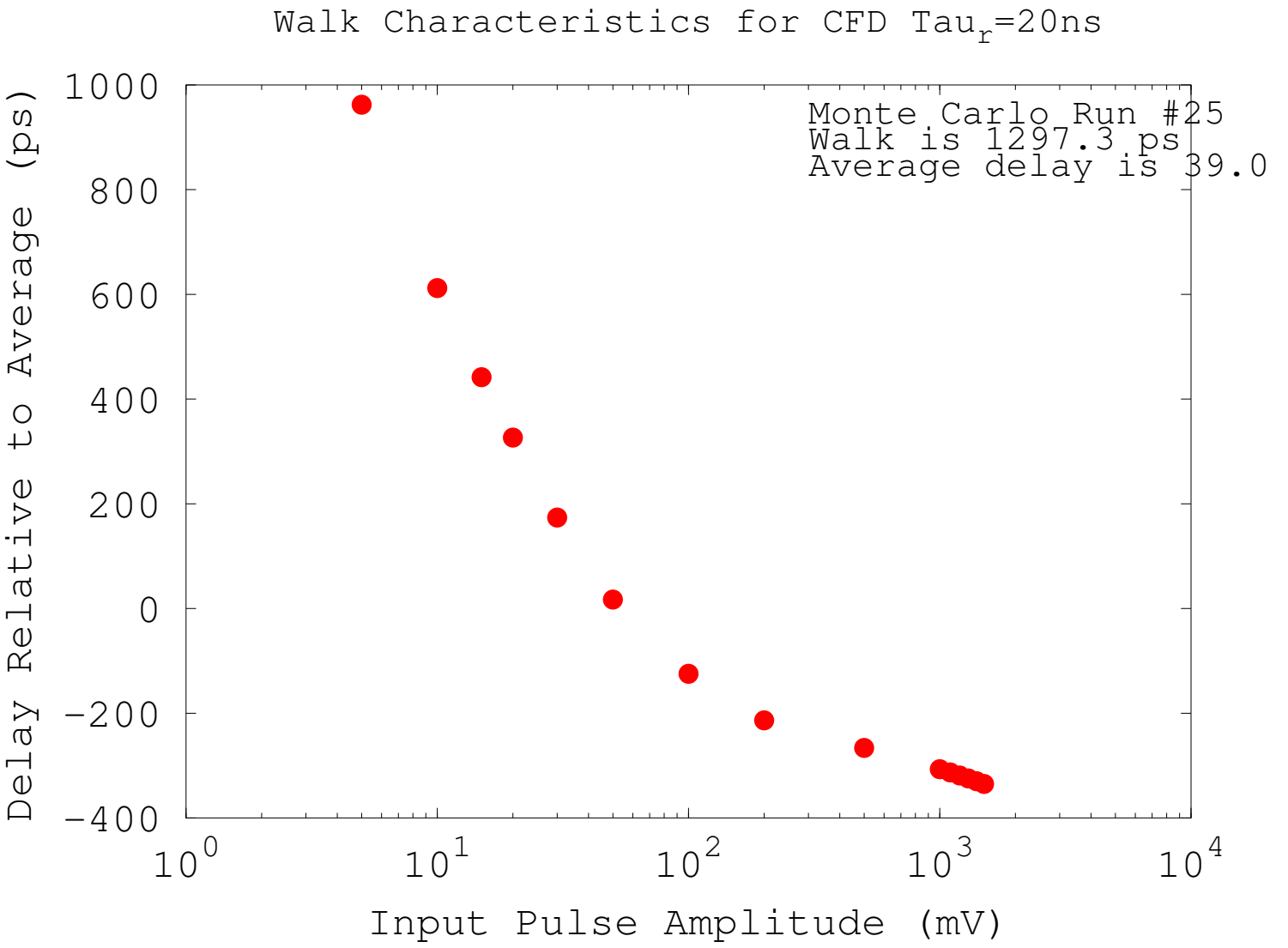

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #20
Walk is 1377.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1500
1000
500
0
-500
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

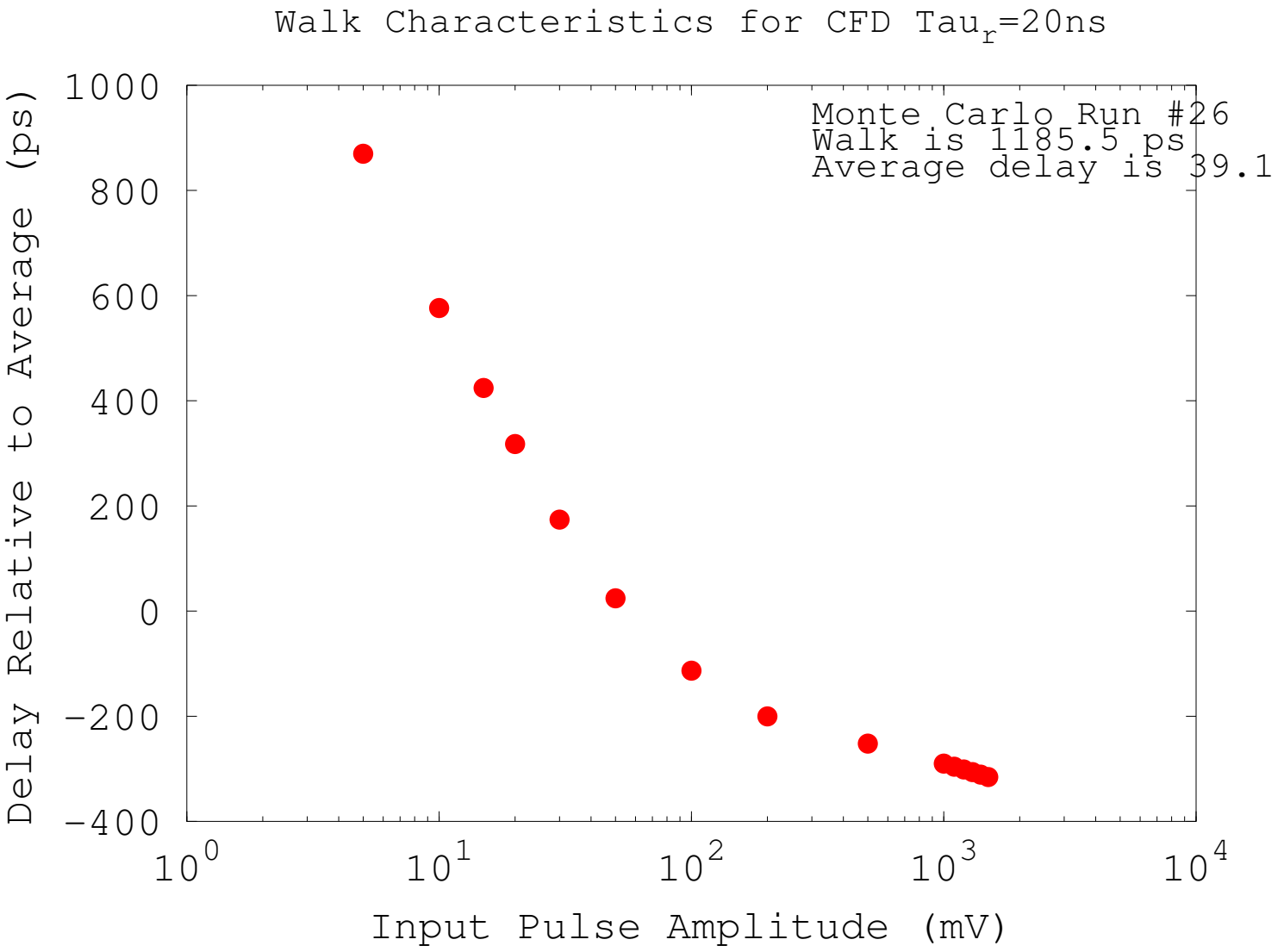

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #21
Walk is 1200.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

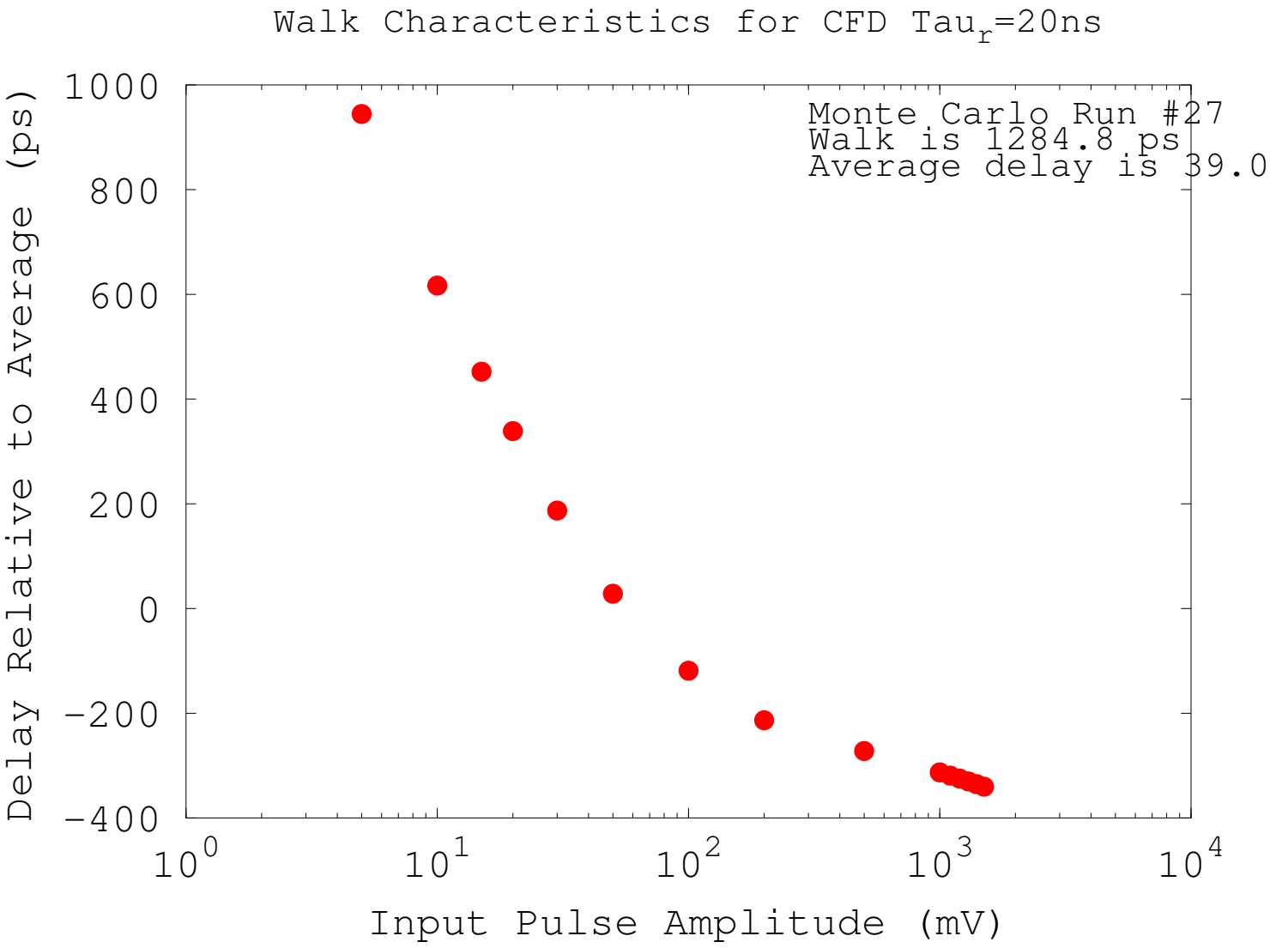

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #22
Walk is 1248.1 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

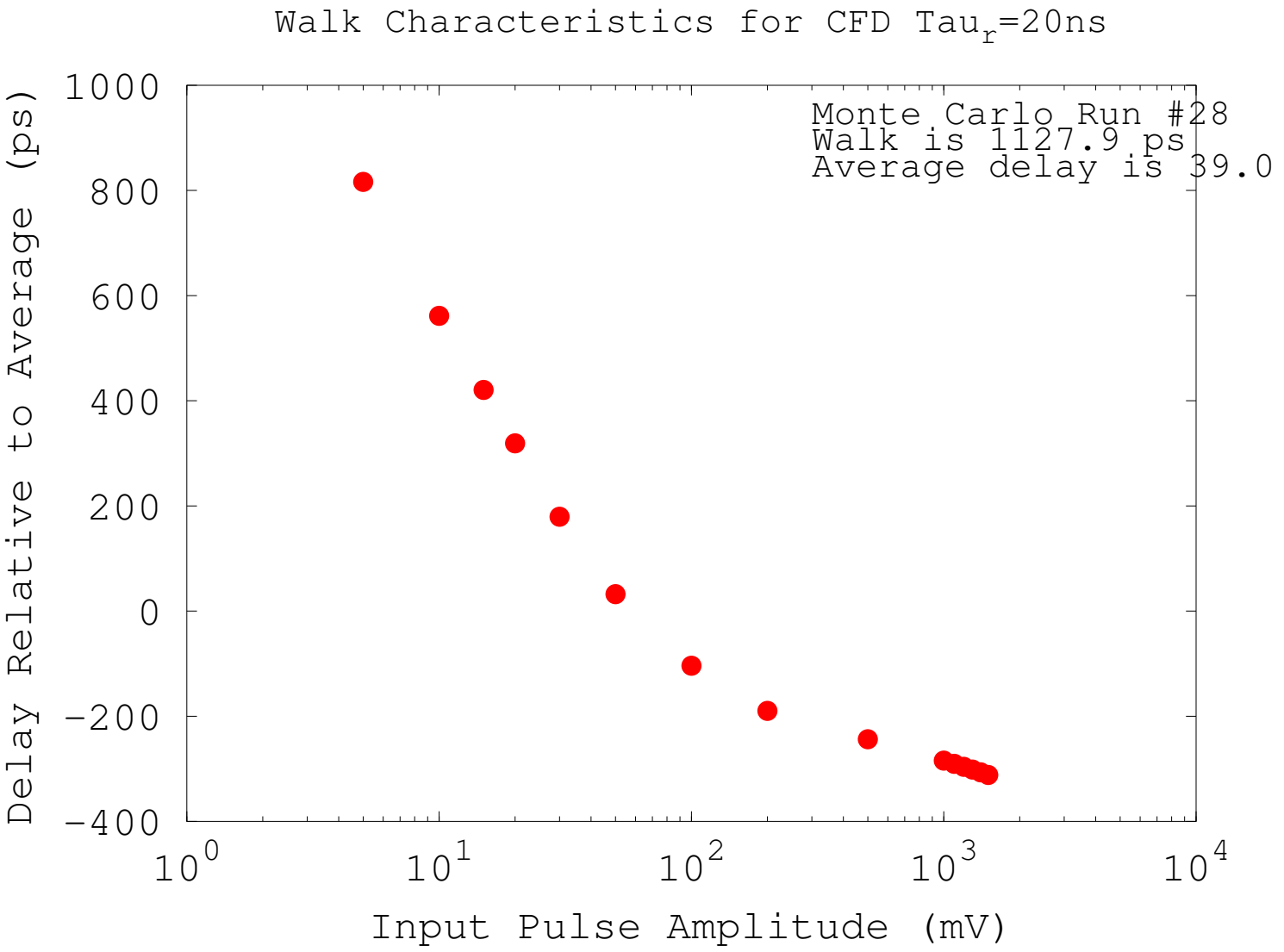

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #23
Walk is 1223.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

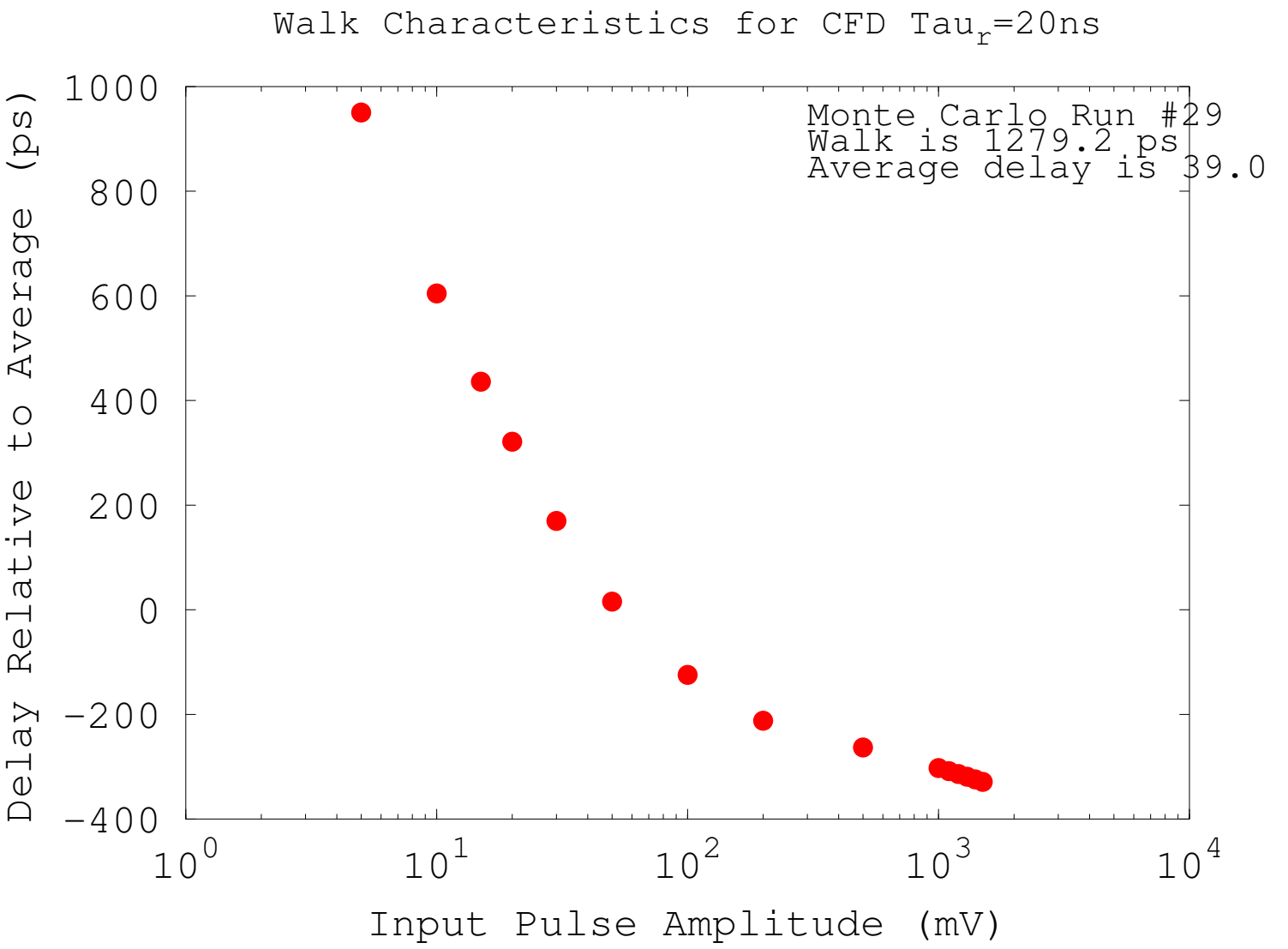

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #24
Walk is 1140.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

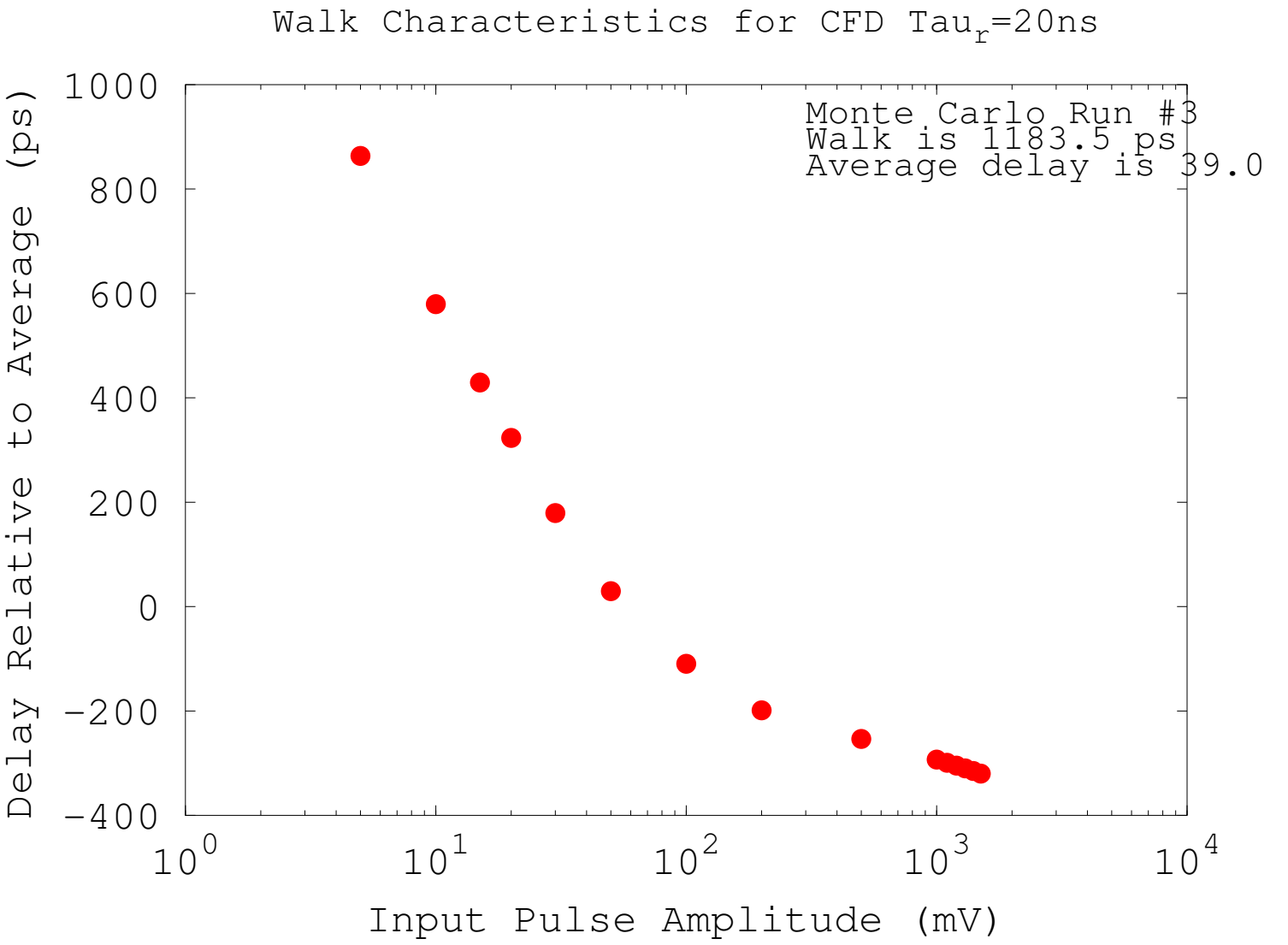

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #25
Walk is 1297.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

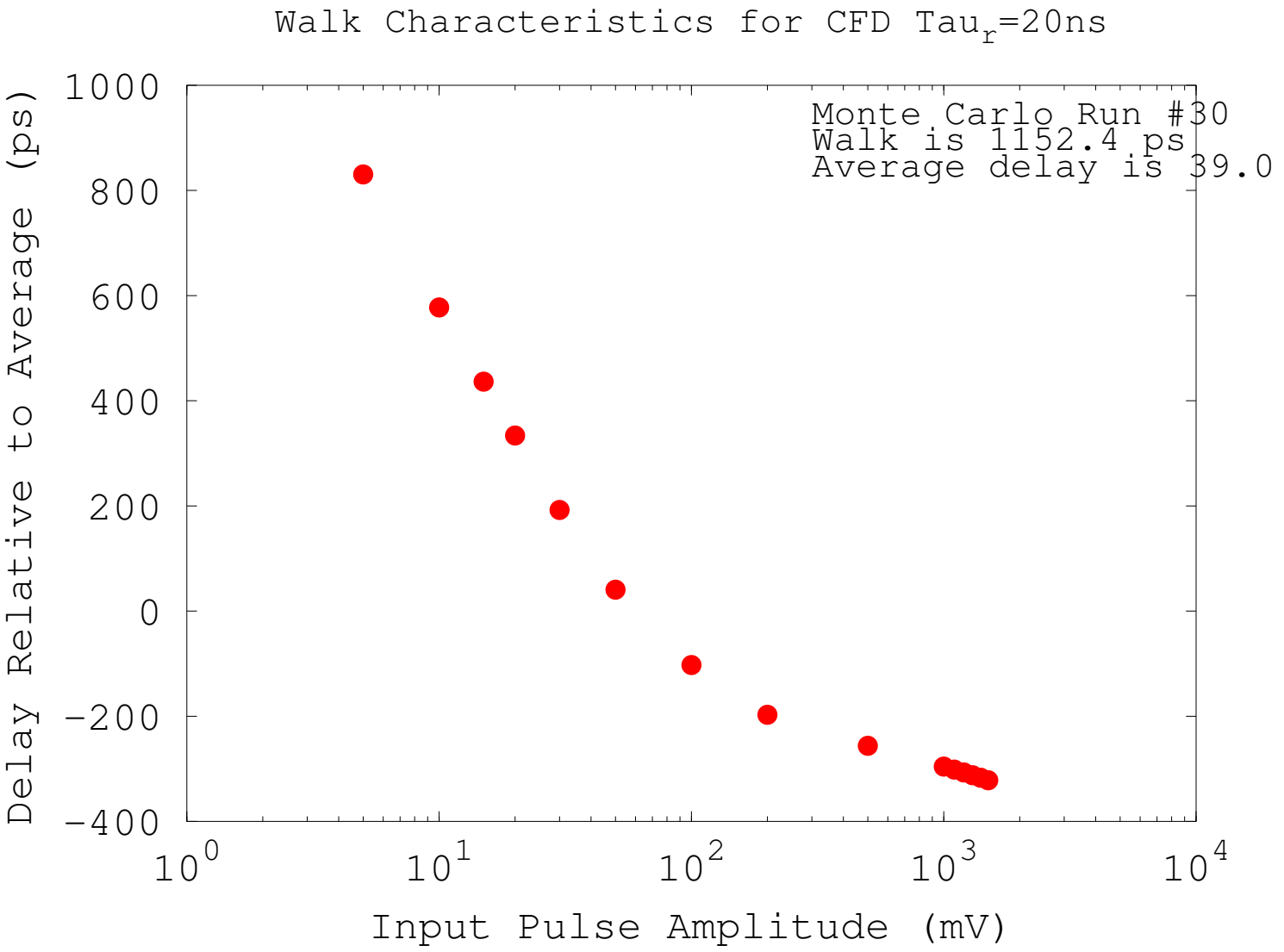

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #26
Walk is 1185.5 ps
Average delay is 39.1
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

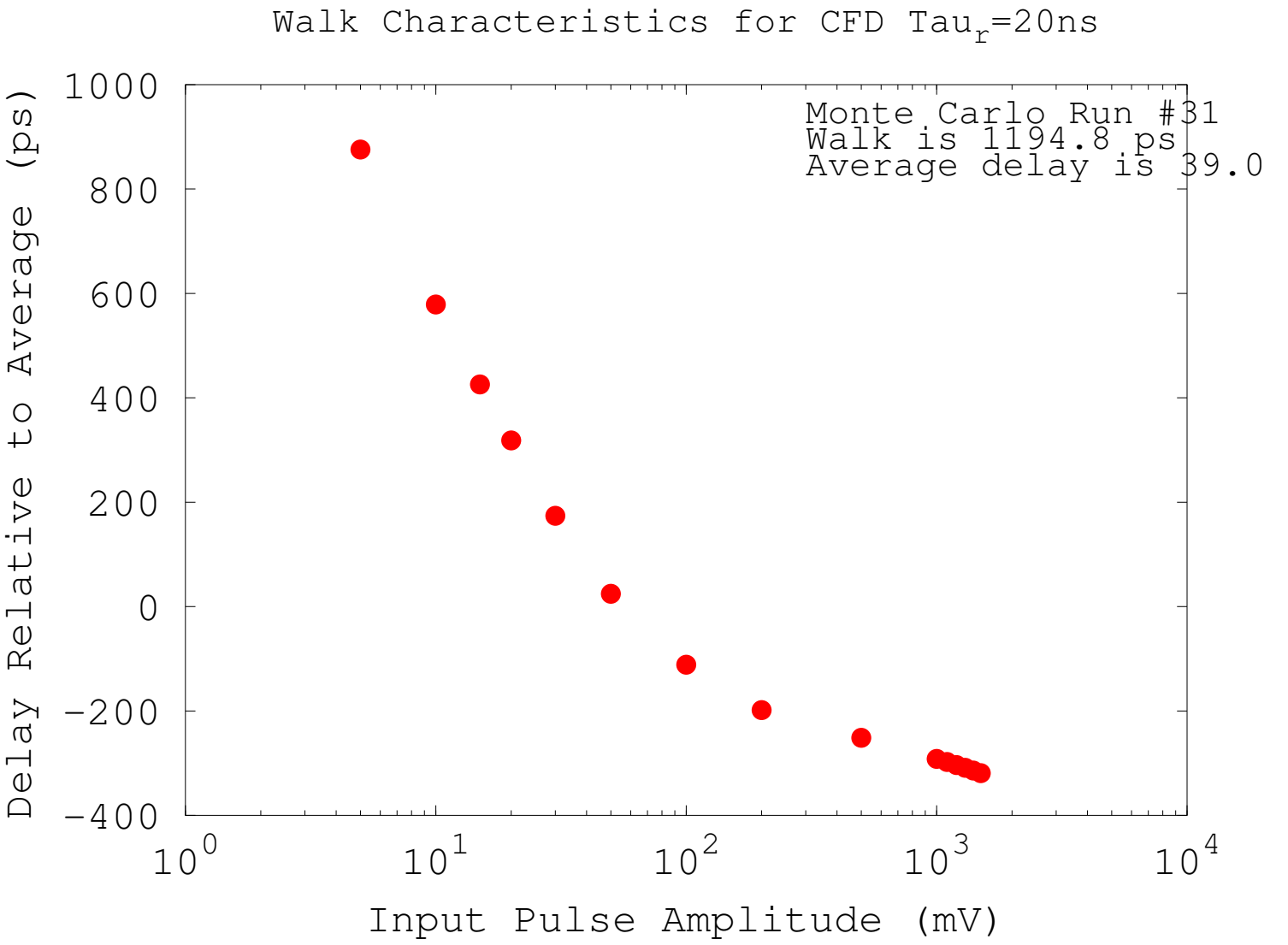

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #27
Walk is 1284.8 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

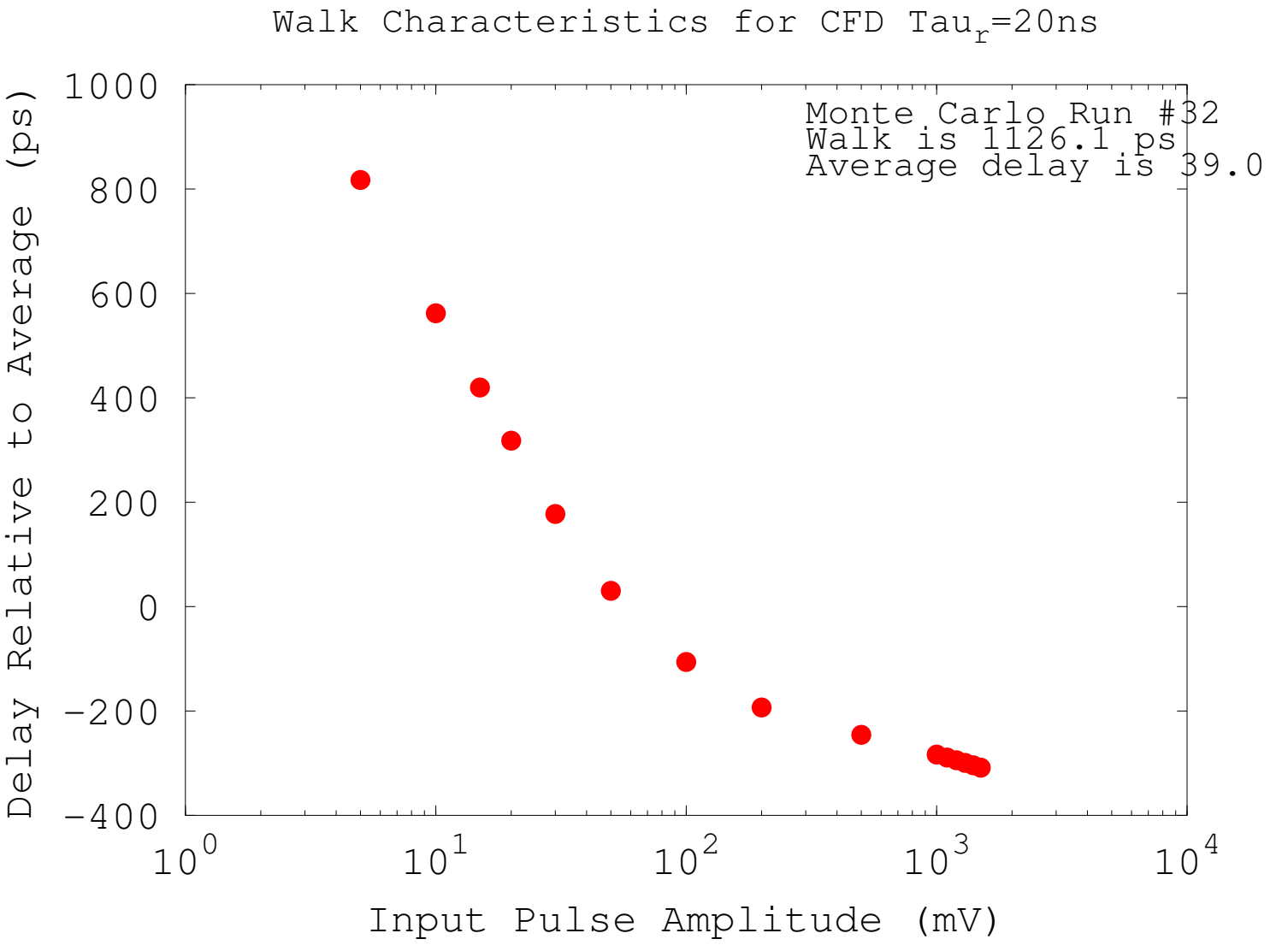

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #28
Walk is 1127.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

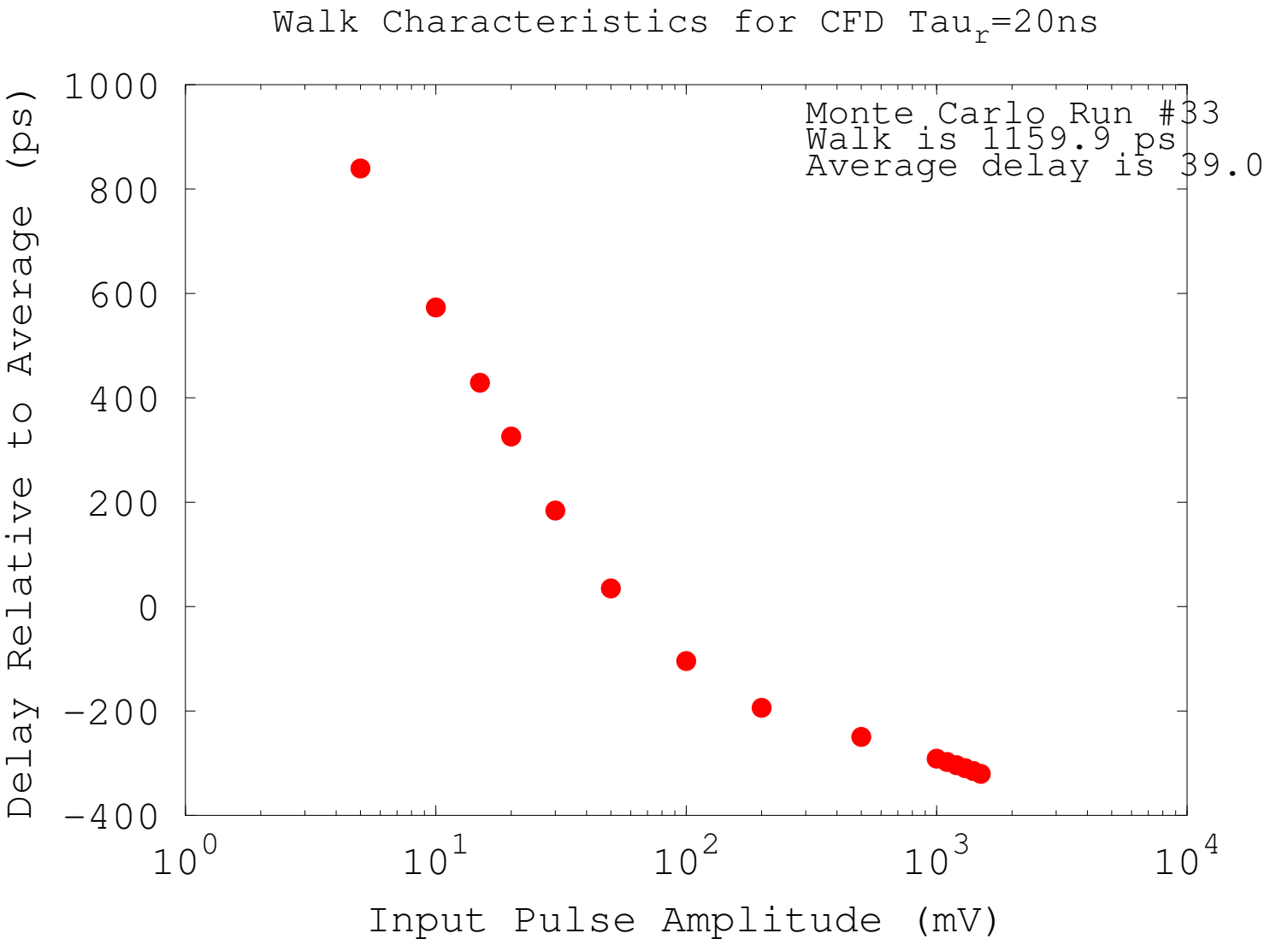

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #29
Walk is 1279.2 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

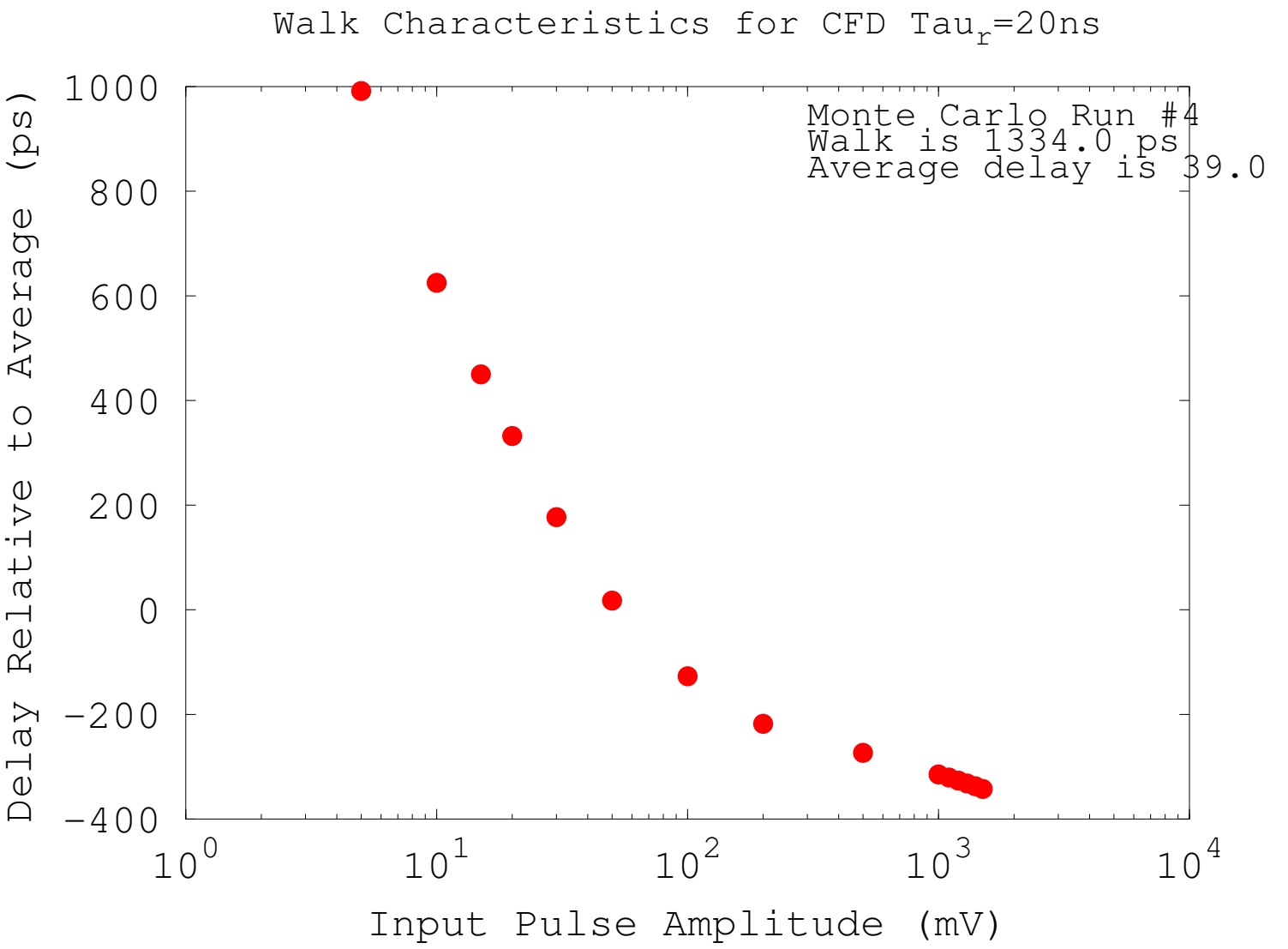

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #3
Walk is 1183.5 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

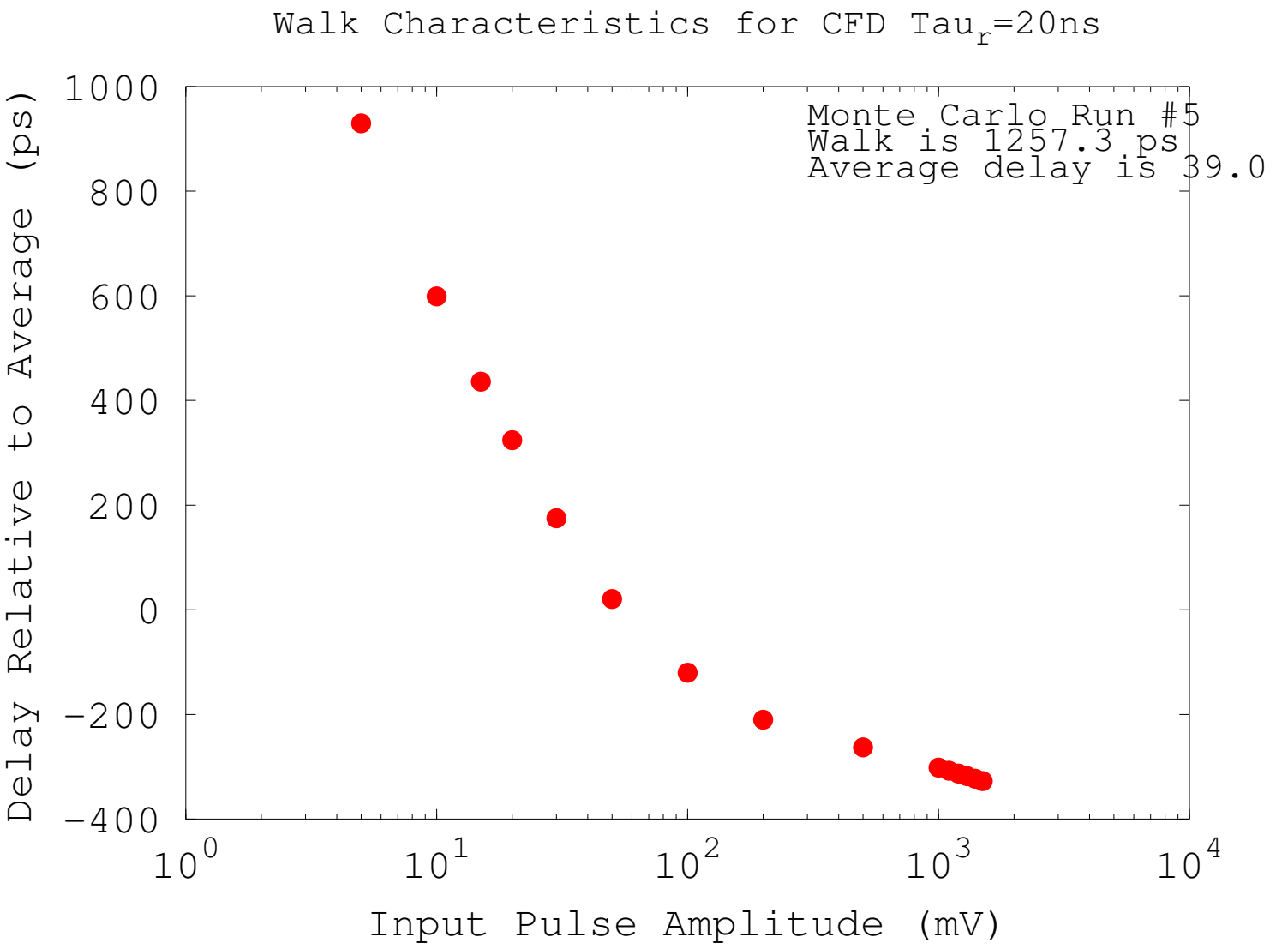

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #30
Walk is 1152.4 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

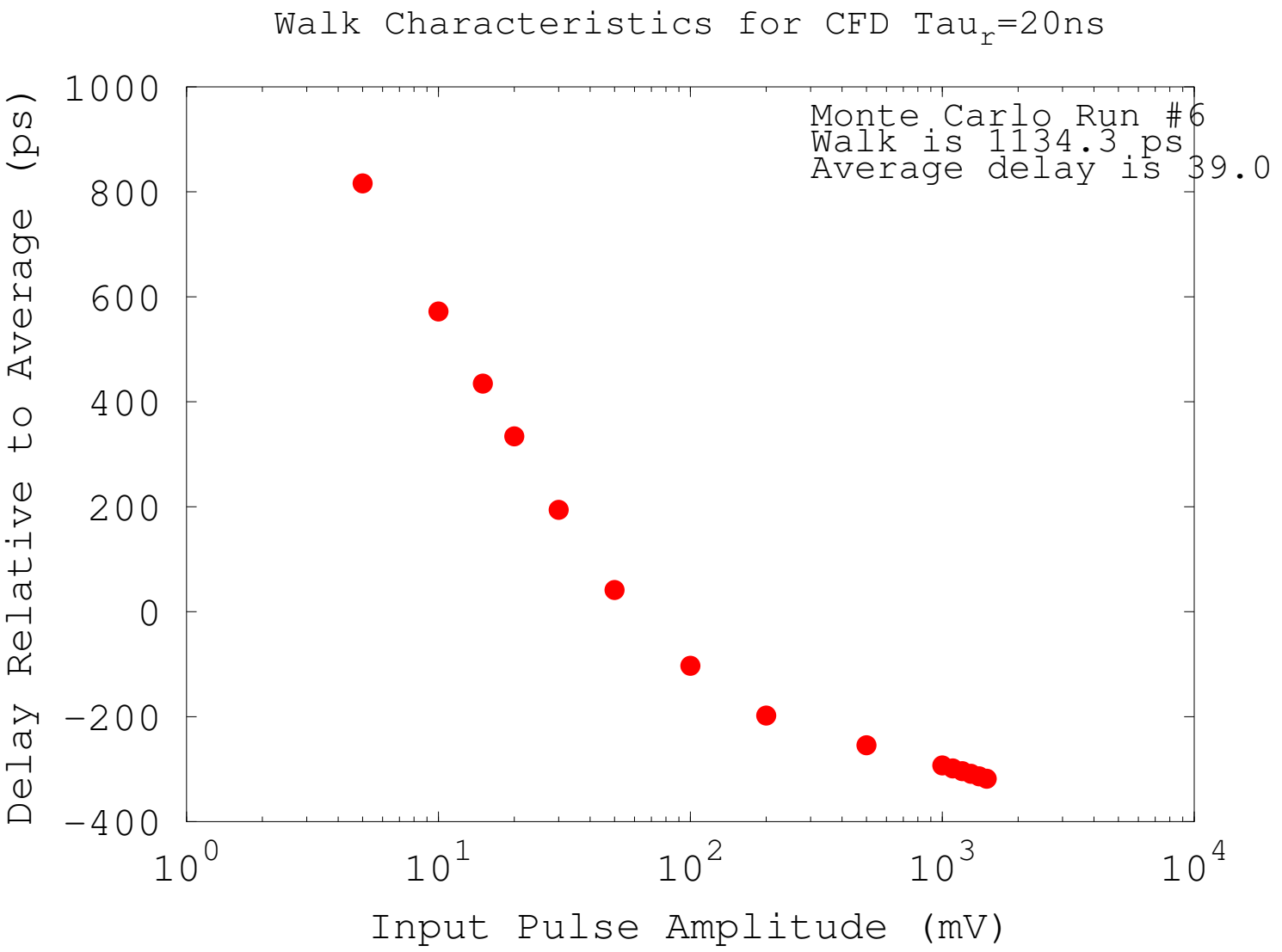

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #31
Walk is 1194.8 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

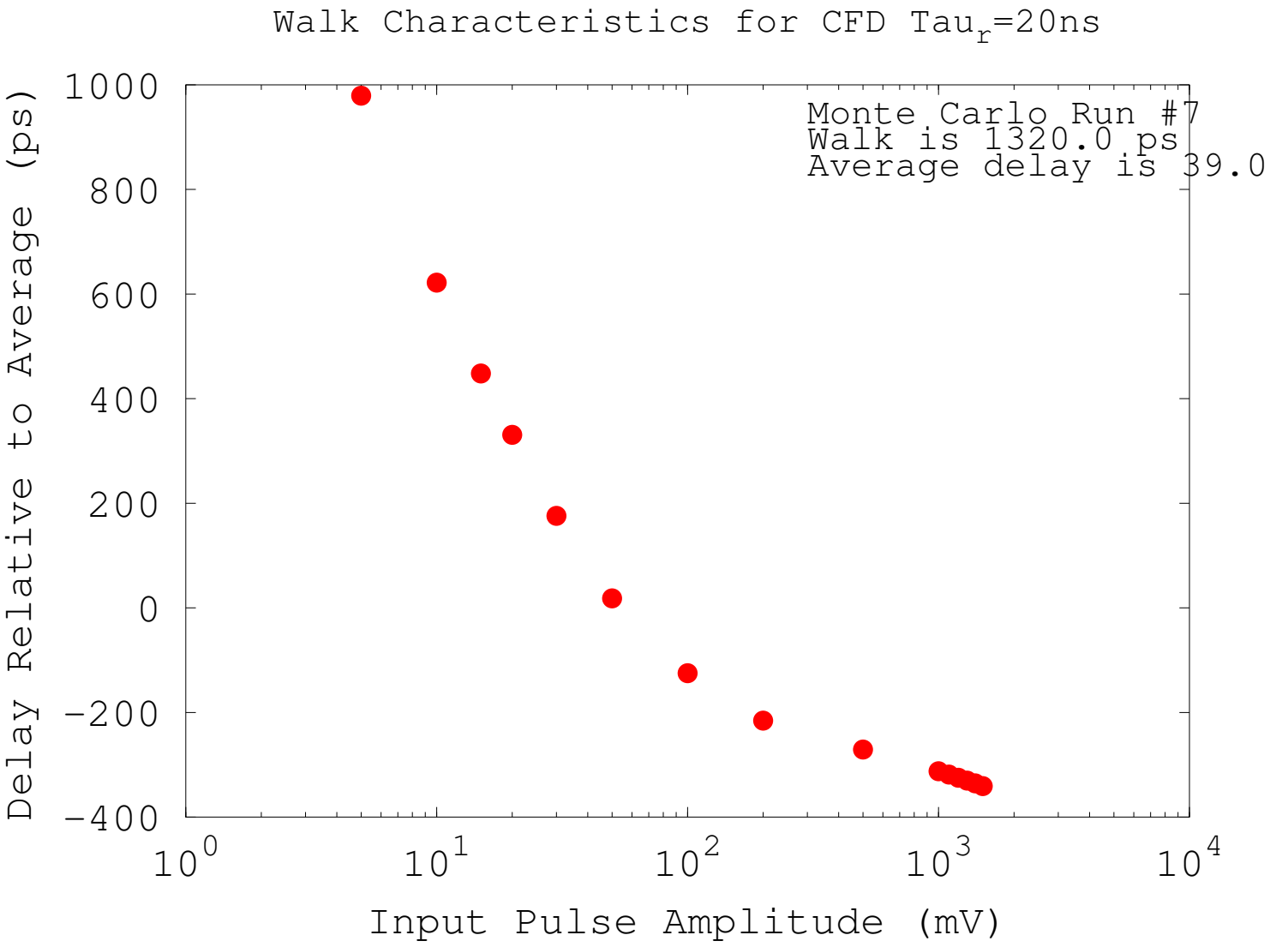

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #32
Walk is 1126.1 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

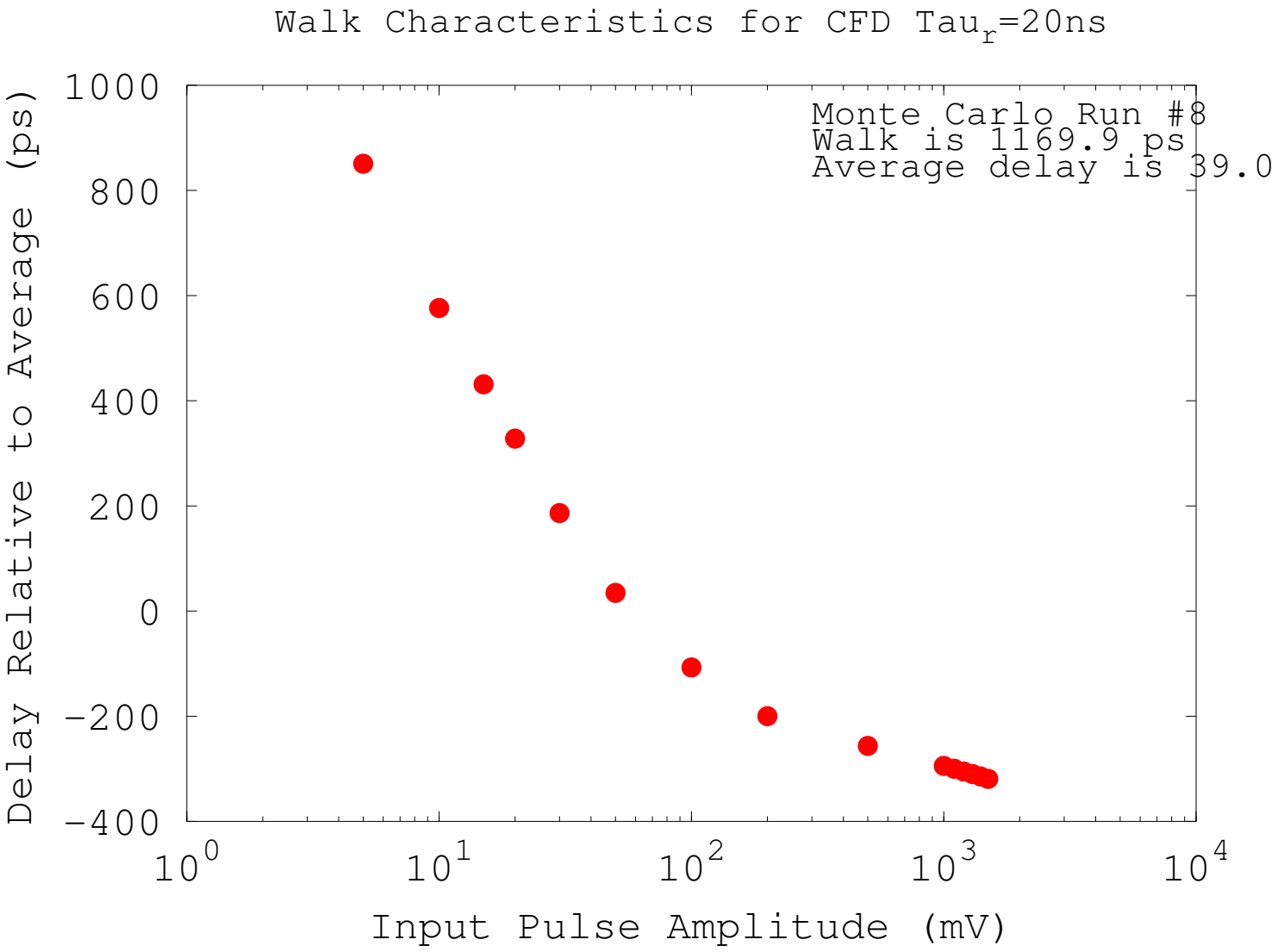

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #33
Walk is 1159.9 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

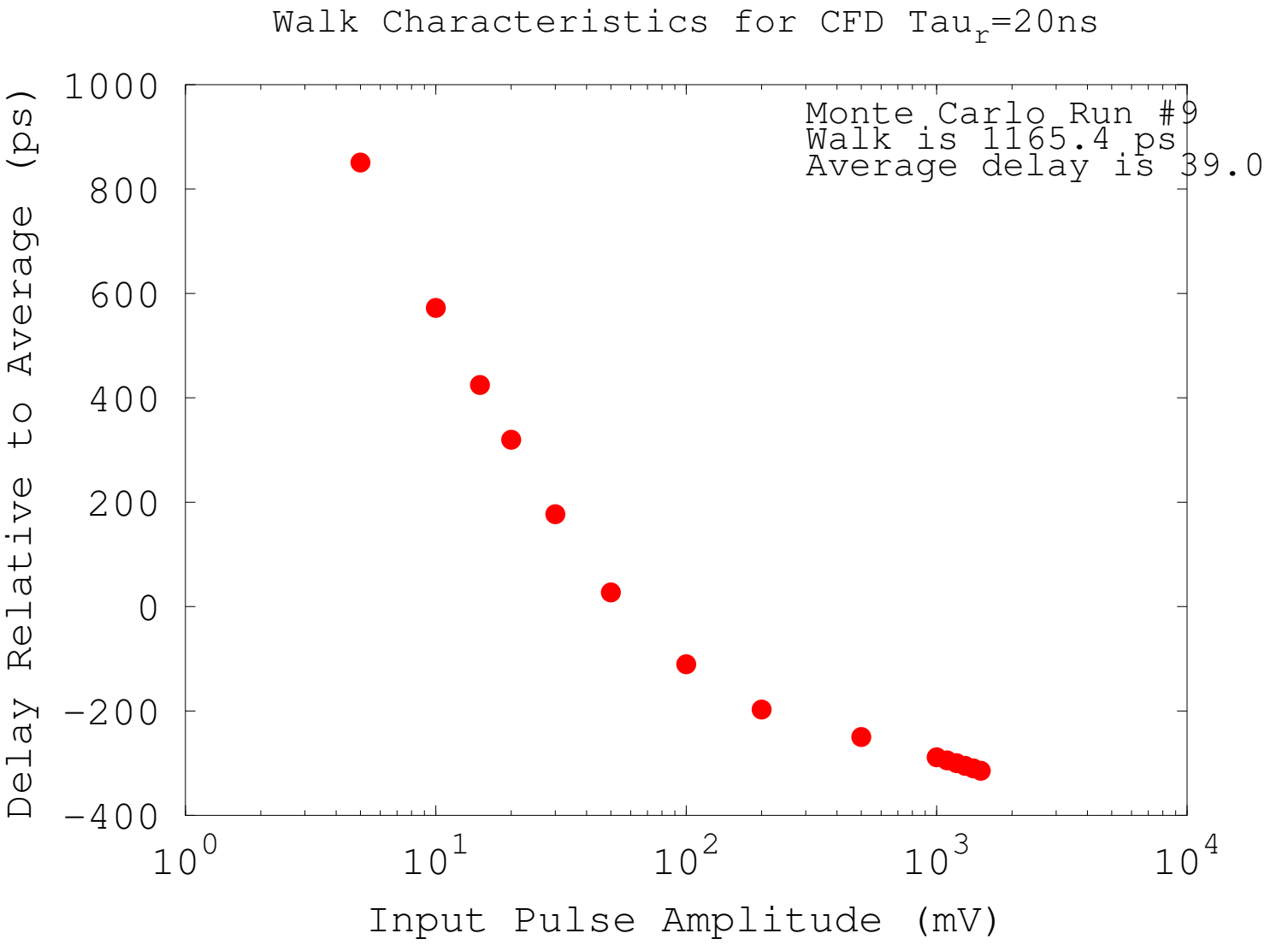

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #4
Walk is 1334.0 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

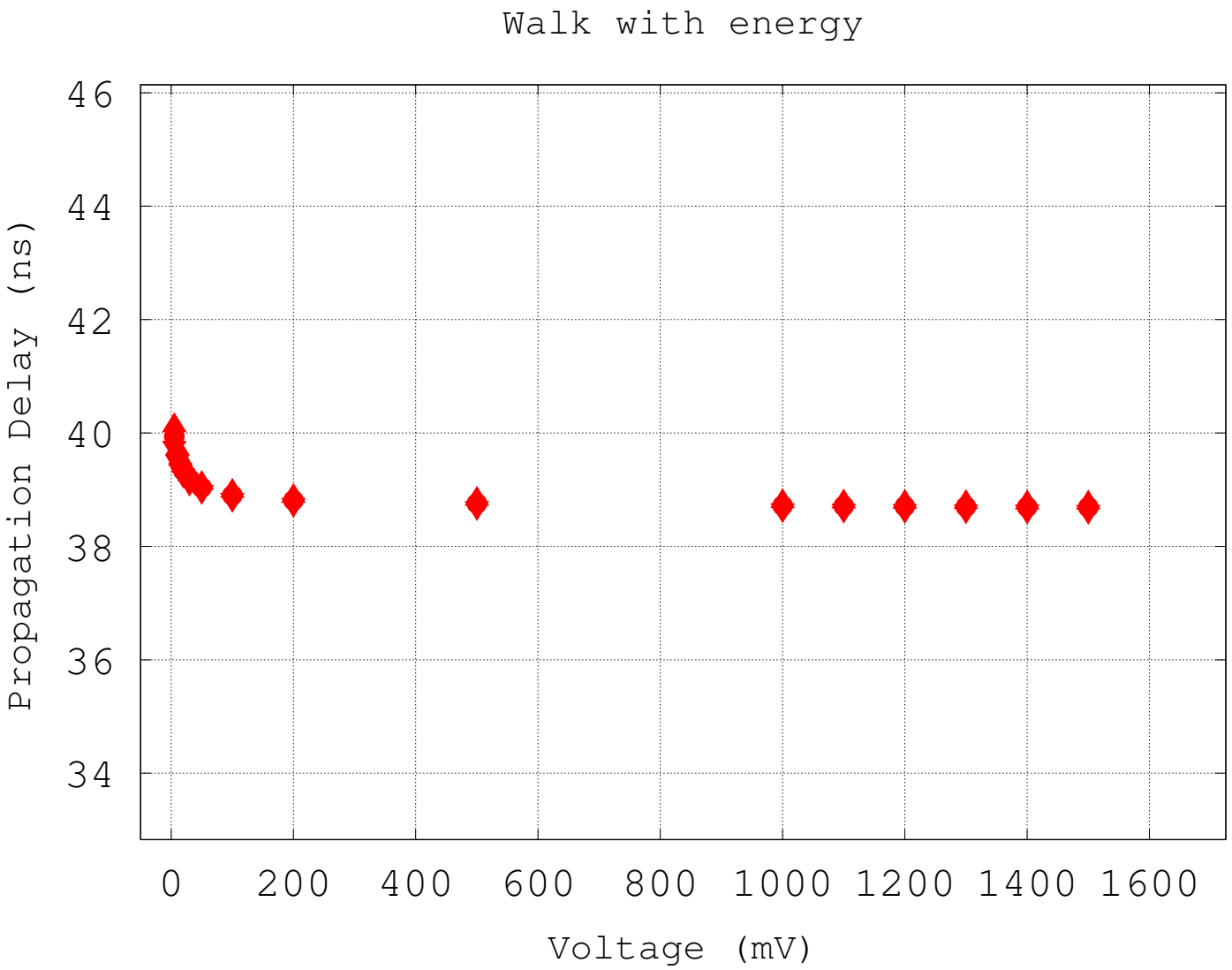

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #5
Walk is 1257.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)

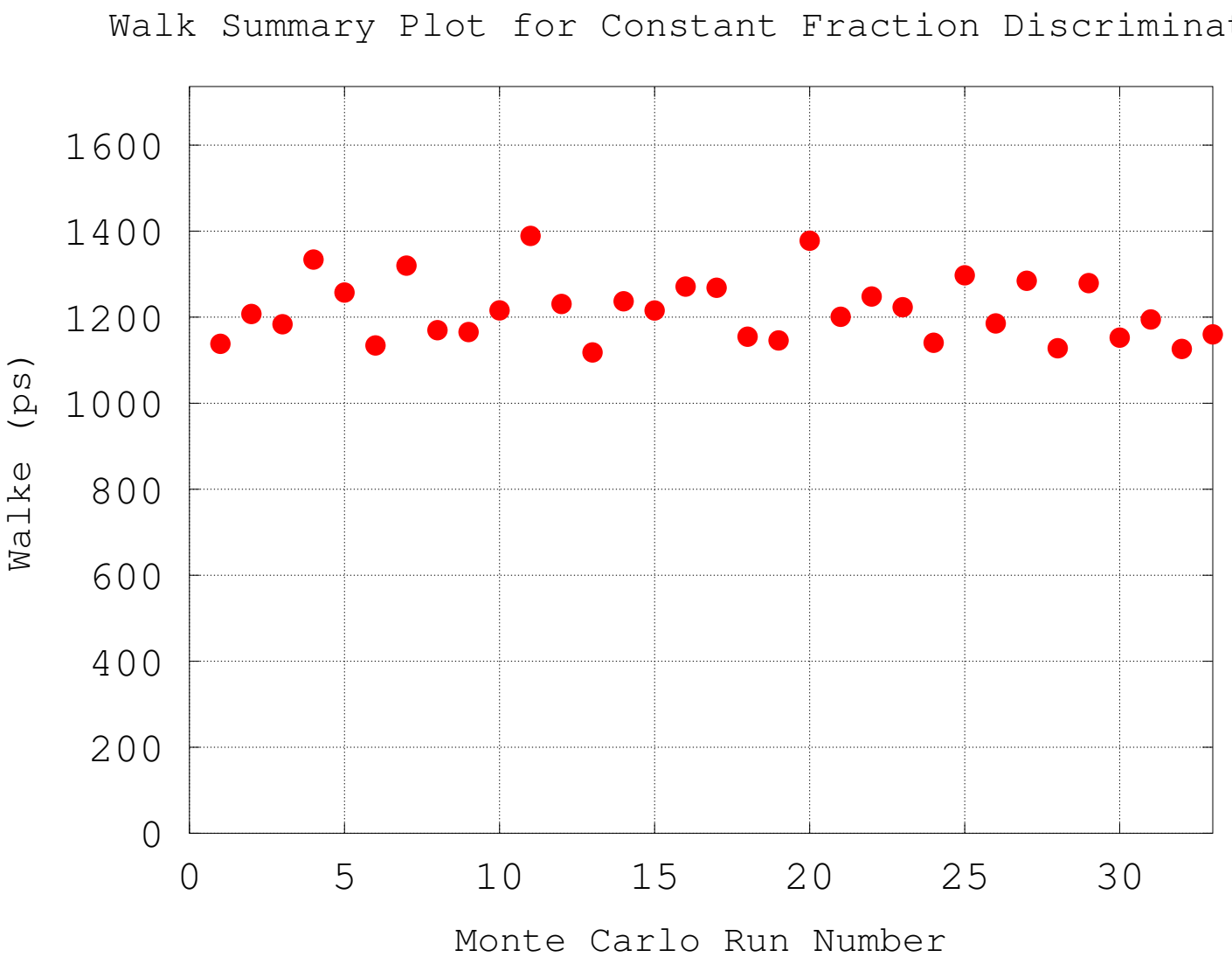

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #6
Walk is 1134.3 ps
Average delay is 39.0
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
10^0
10^1
10^2
10^3
10^4
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #7
Walk is 1320.0 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 #8
Walk is 1169.9 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 #9
Walk is 1165.4 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 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)
1600
1400
1200
1000
800
600
400
200
0
0
5
10
15
20
25
30
Monte Carlo Run Number