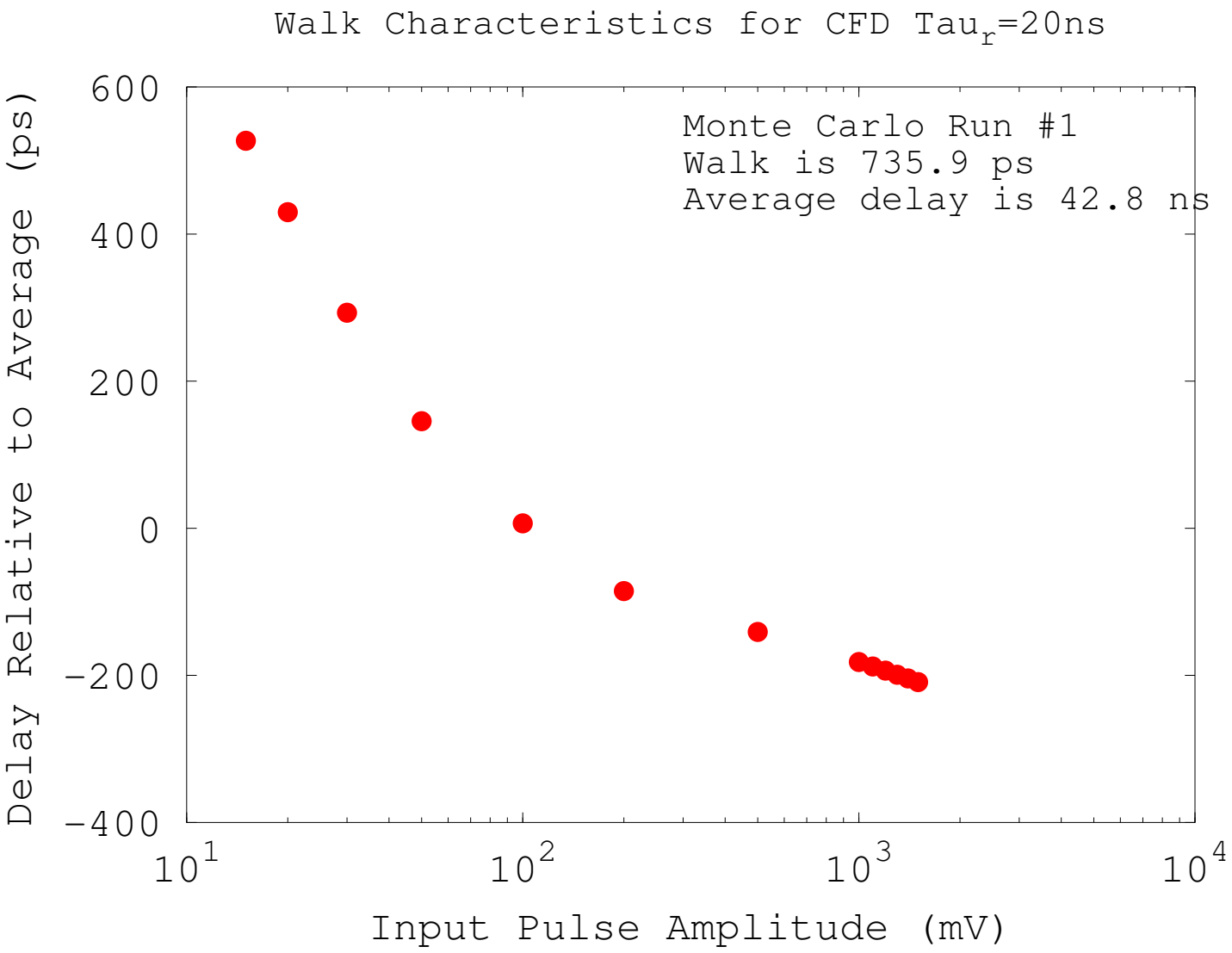
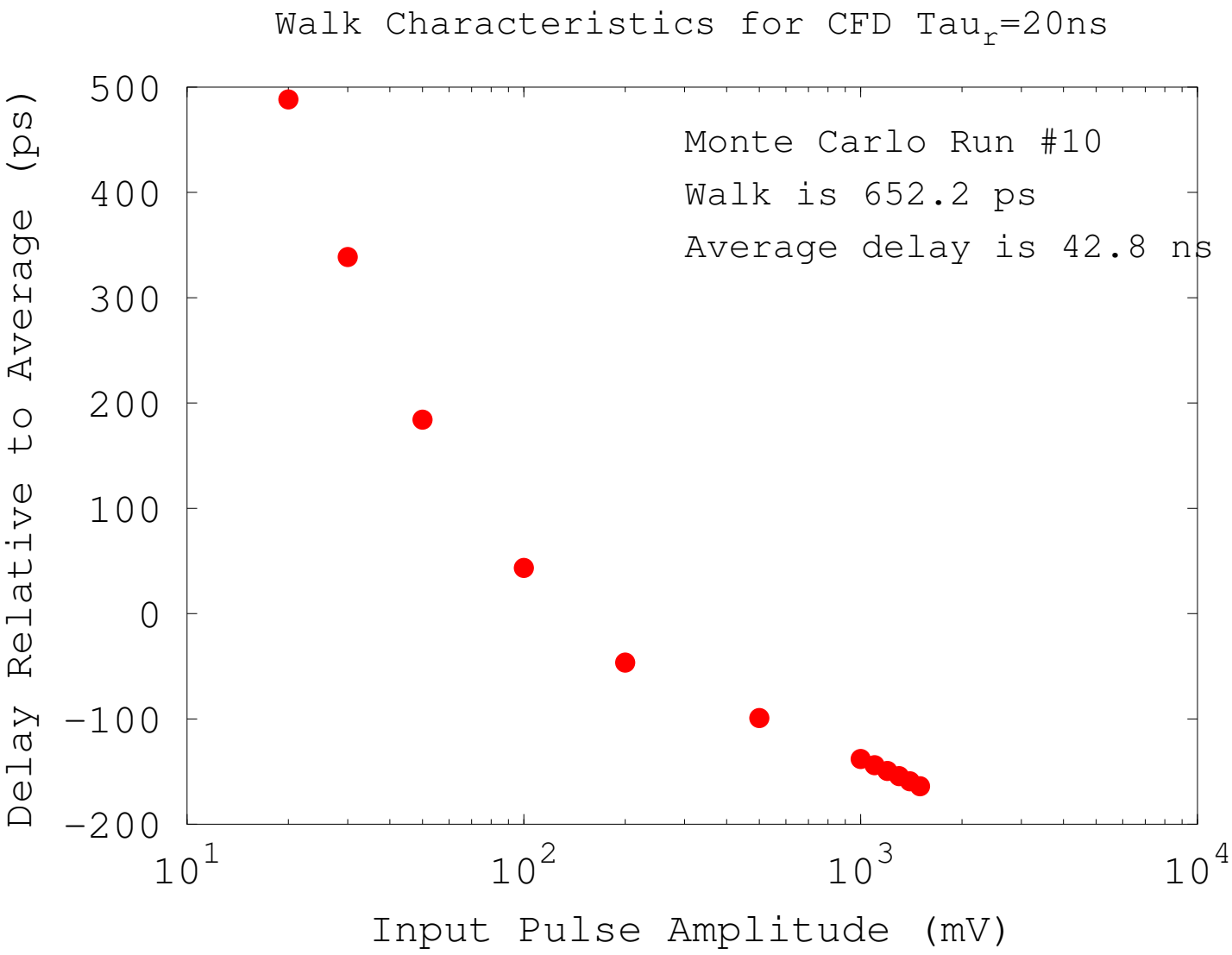
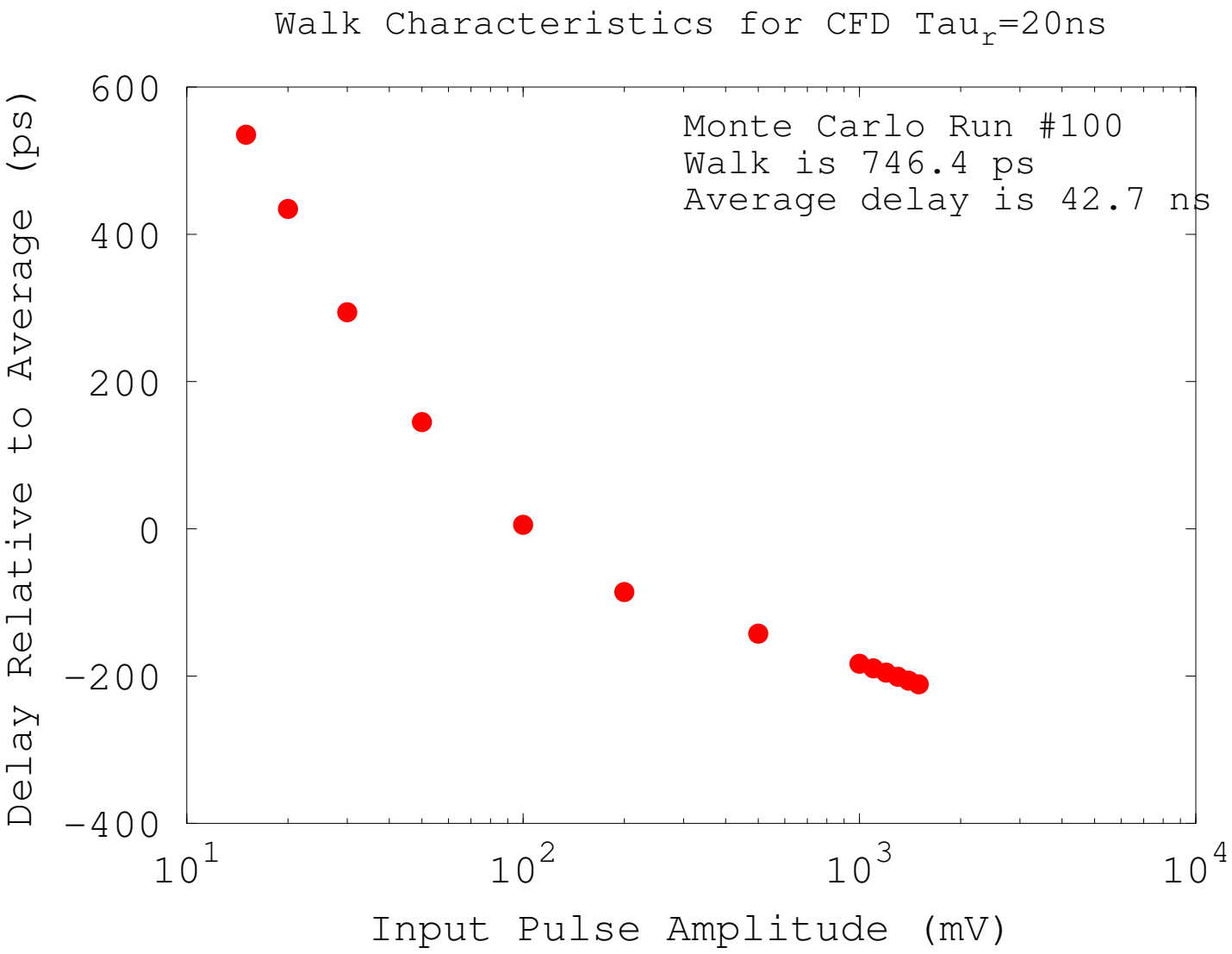
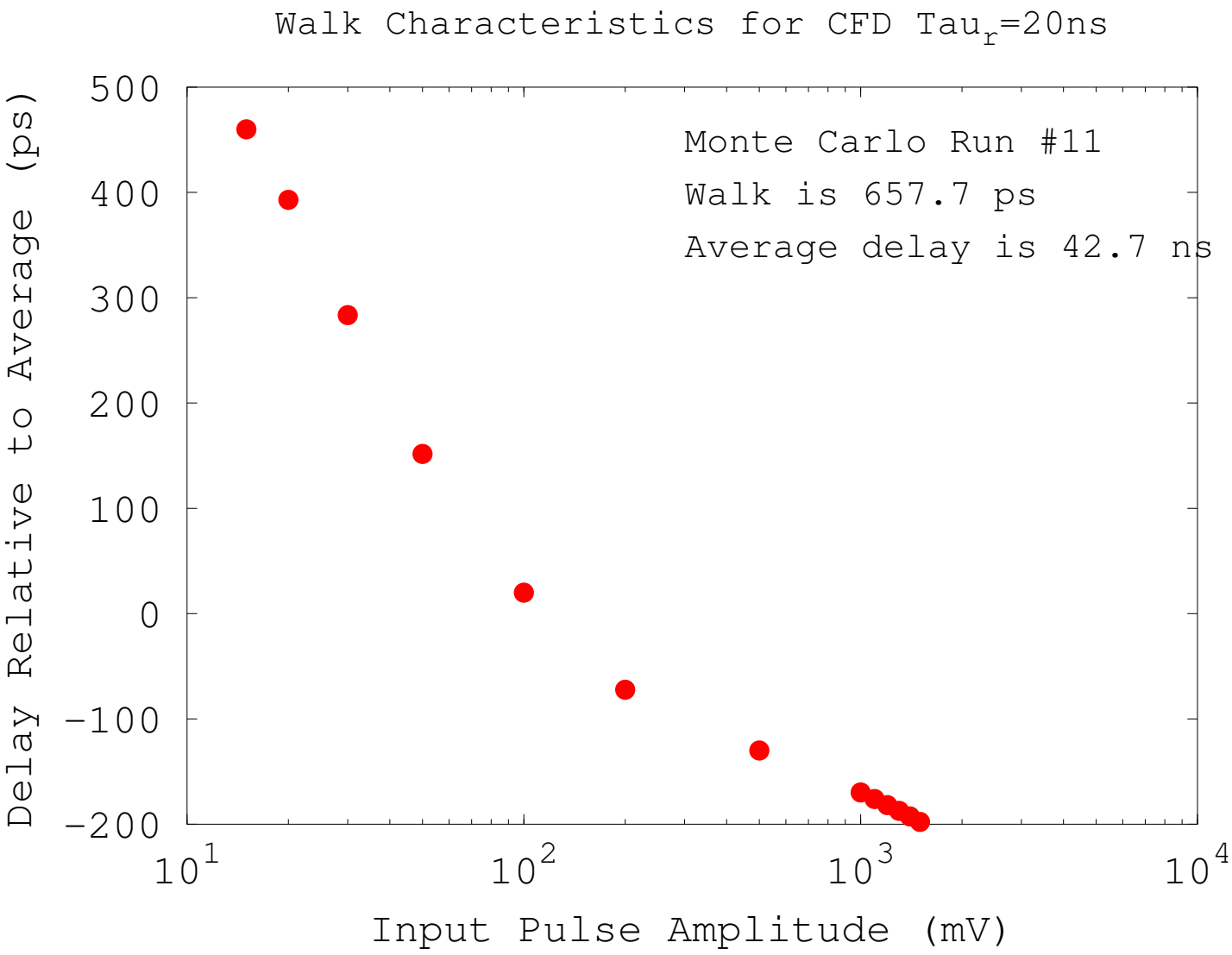
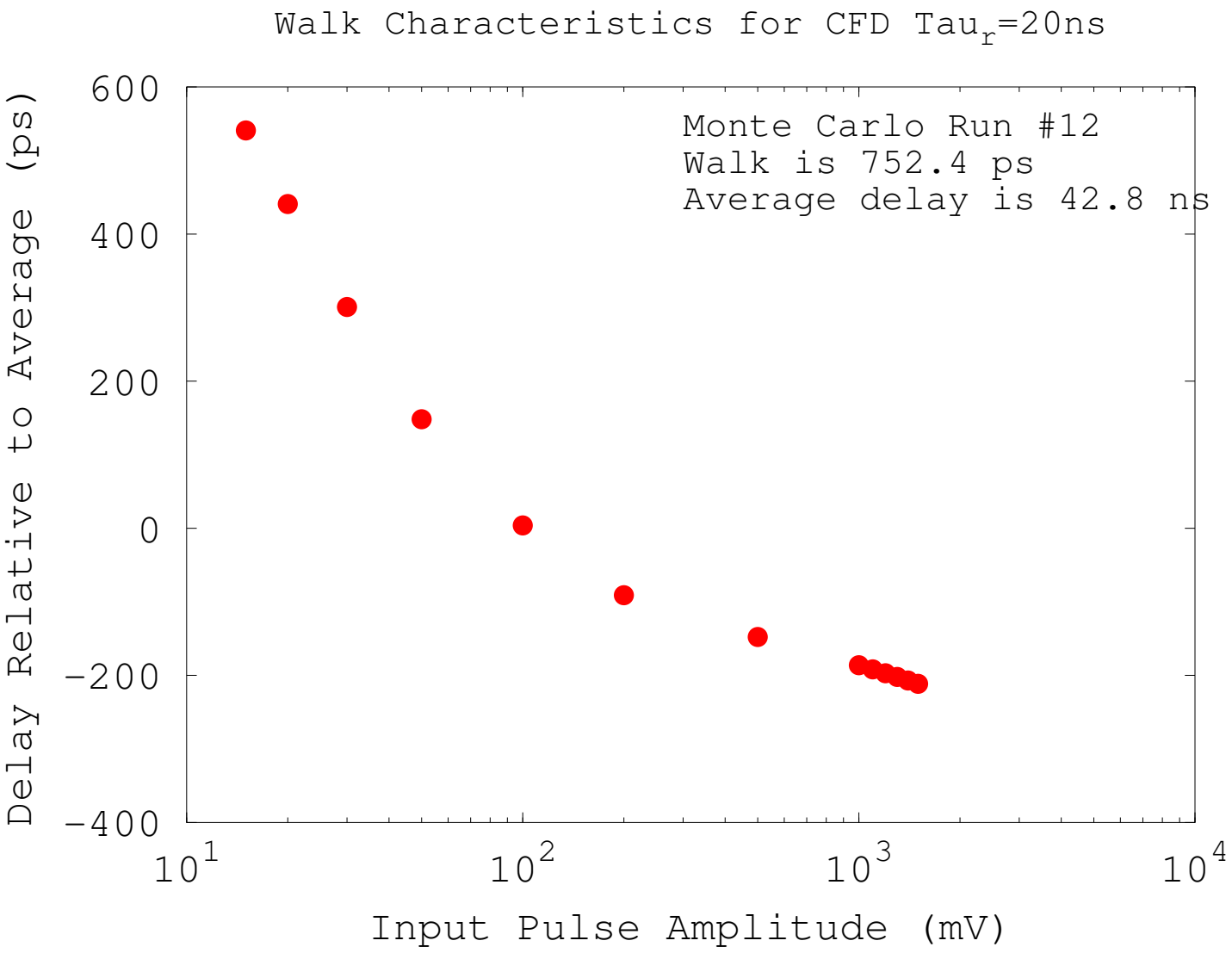
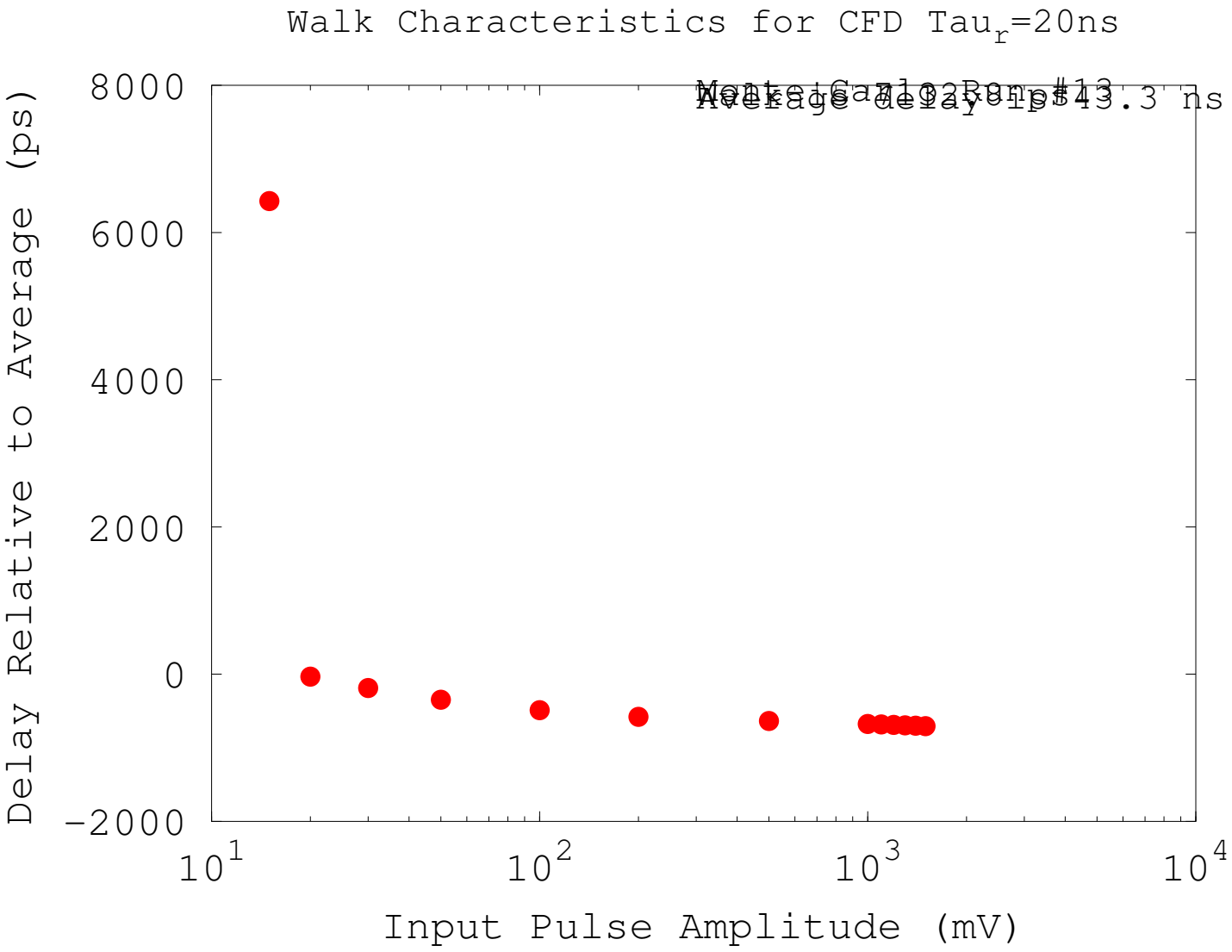

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #1
Walk is 735.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

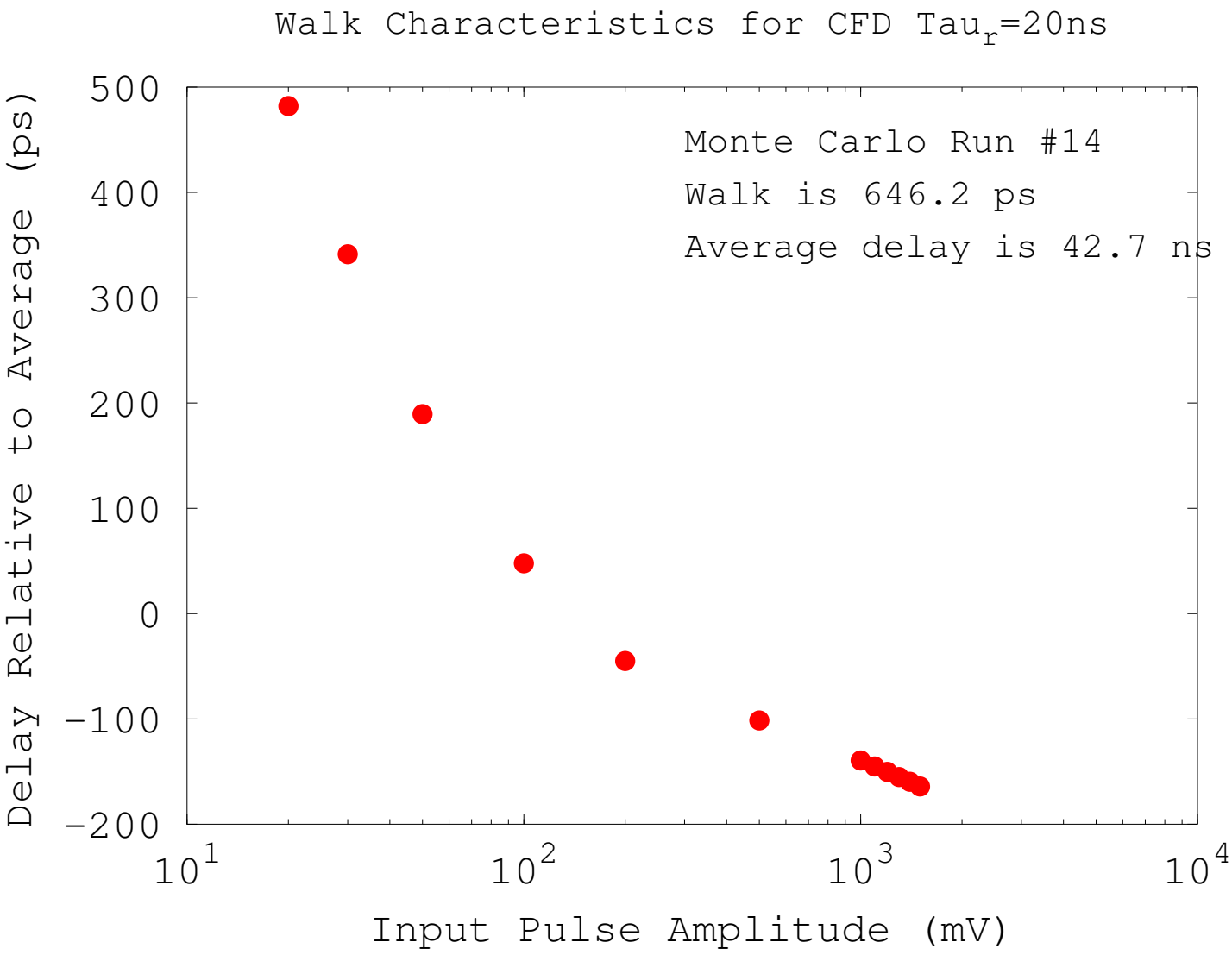

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #10
Walk is 652.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

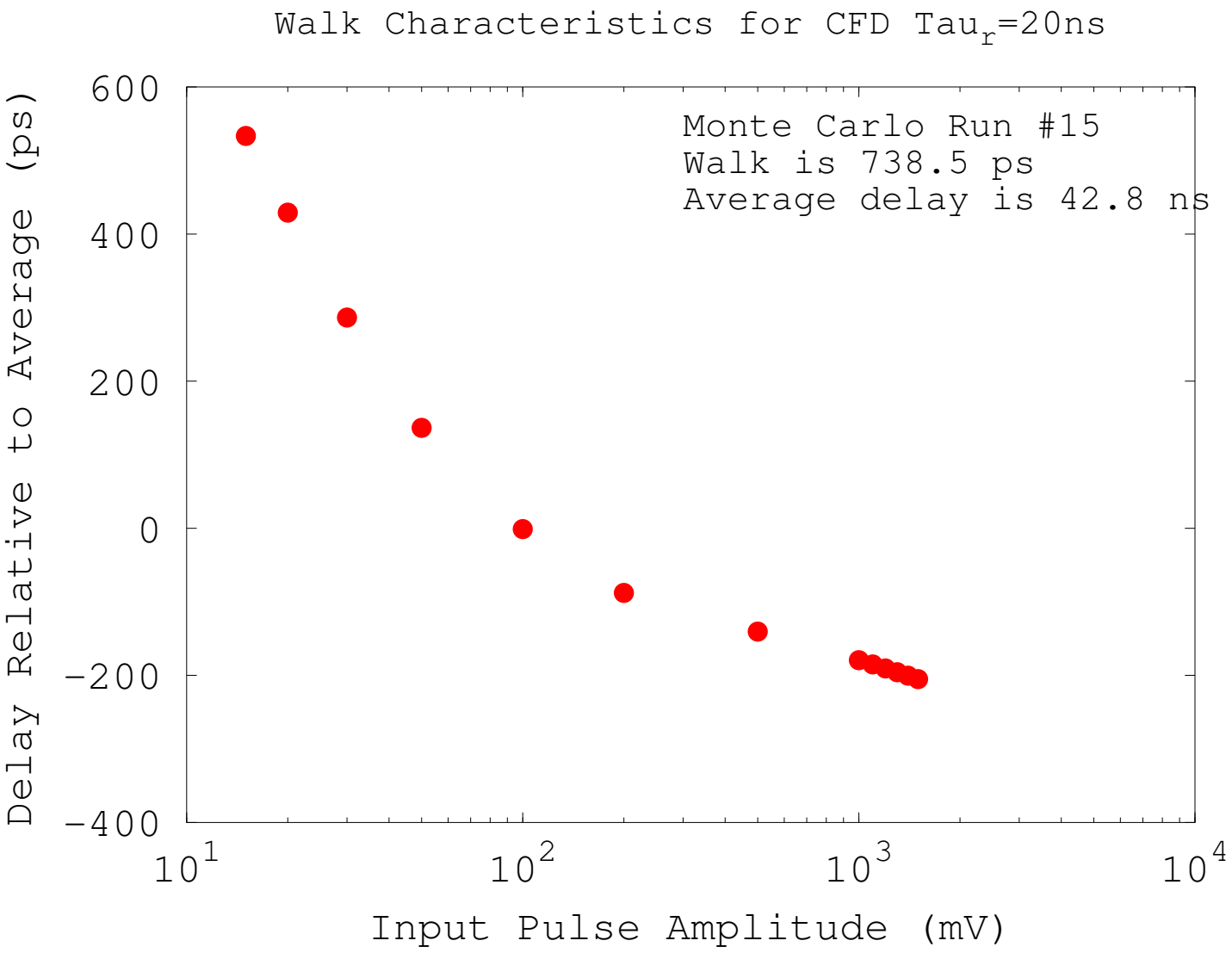

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #100
Walk is 746.4 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

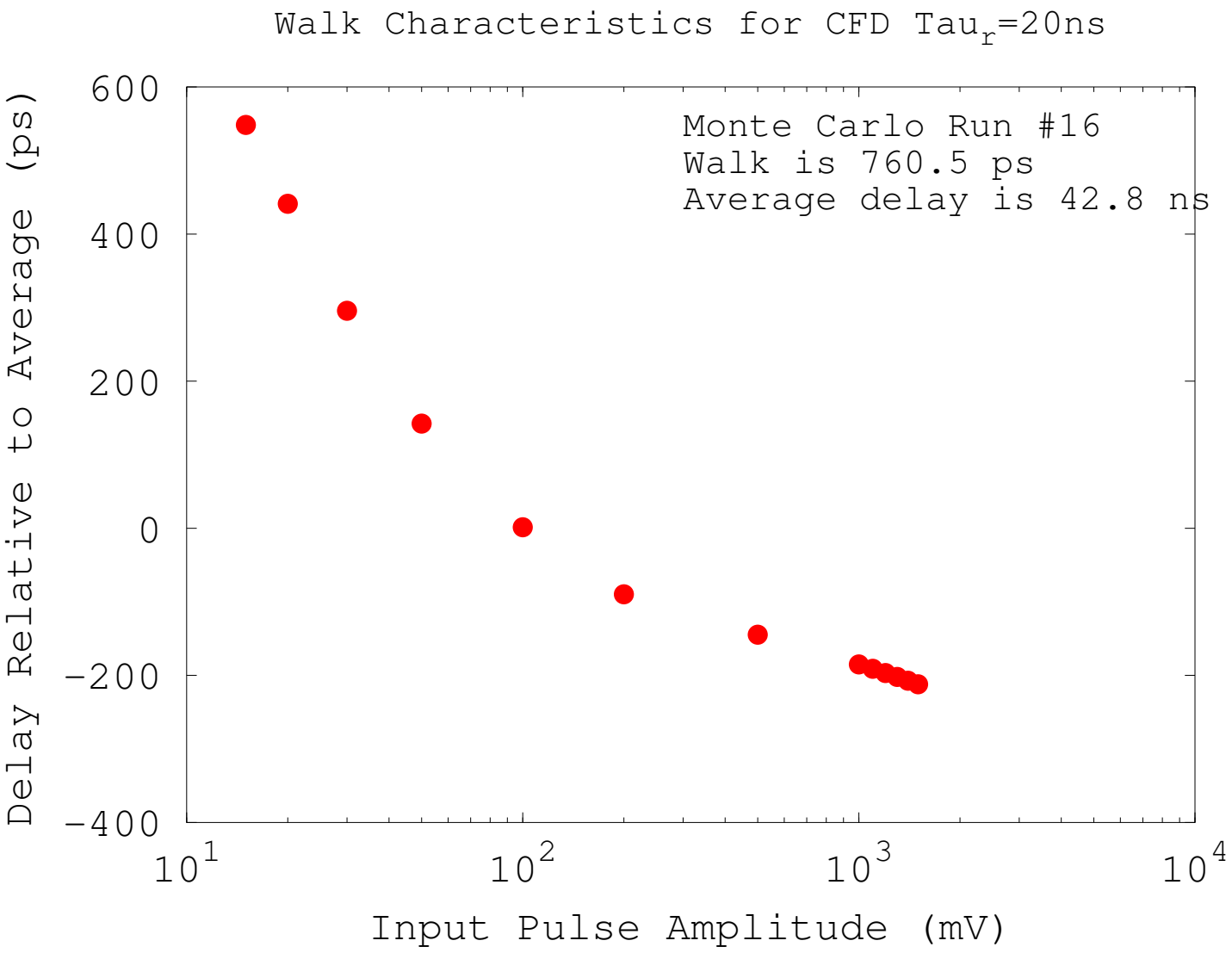

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #11
Walk is 657.7 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

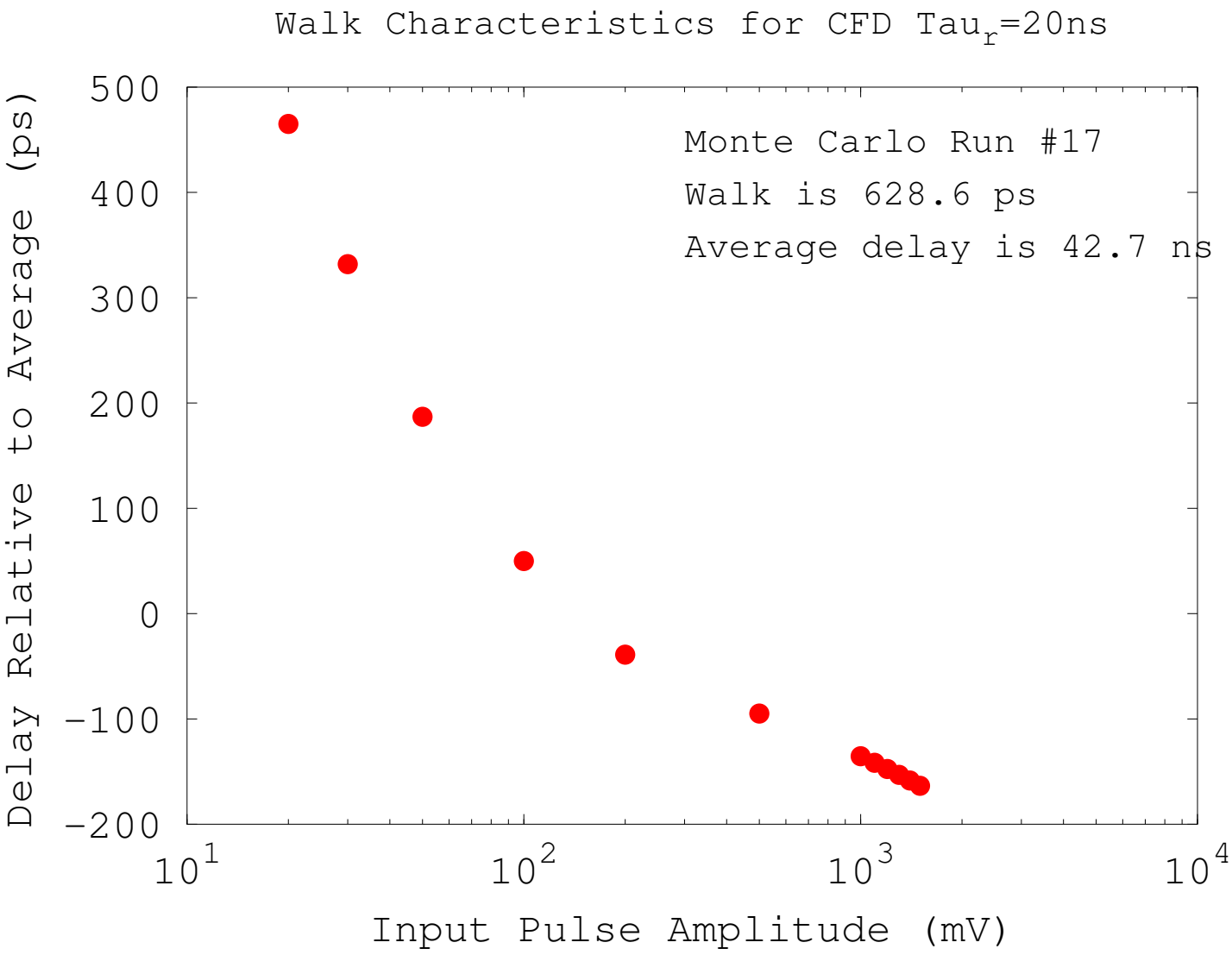

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #12
Walk is 752.4 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

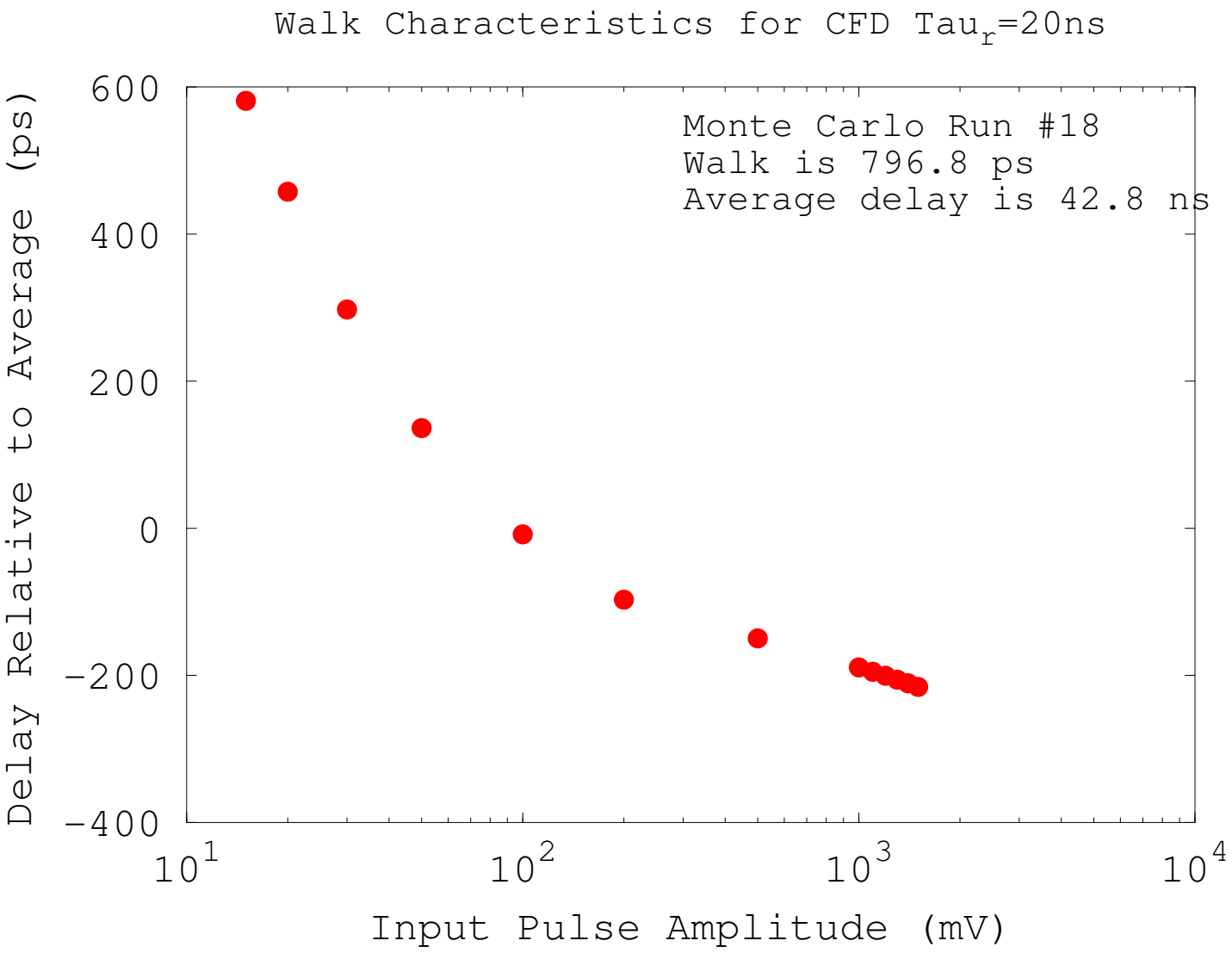

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #13
Average delay is 43.3 ns
Delay Relative to Average (ps)
8000
6000
4000
2000
0
-2000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

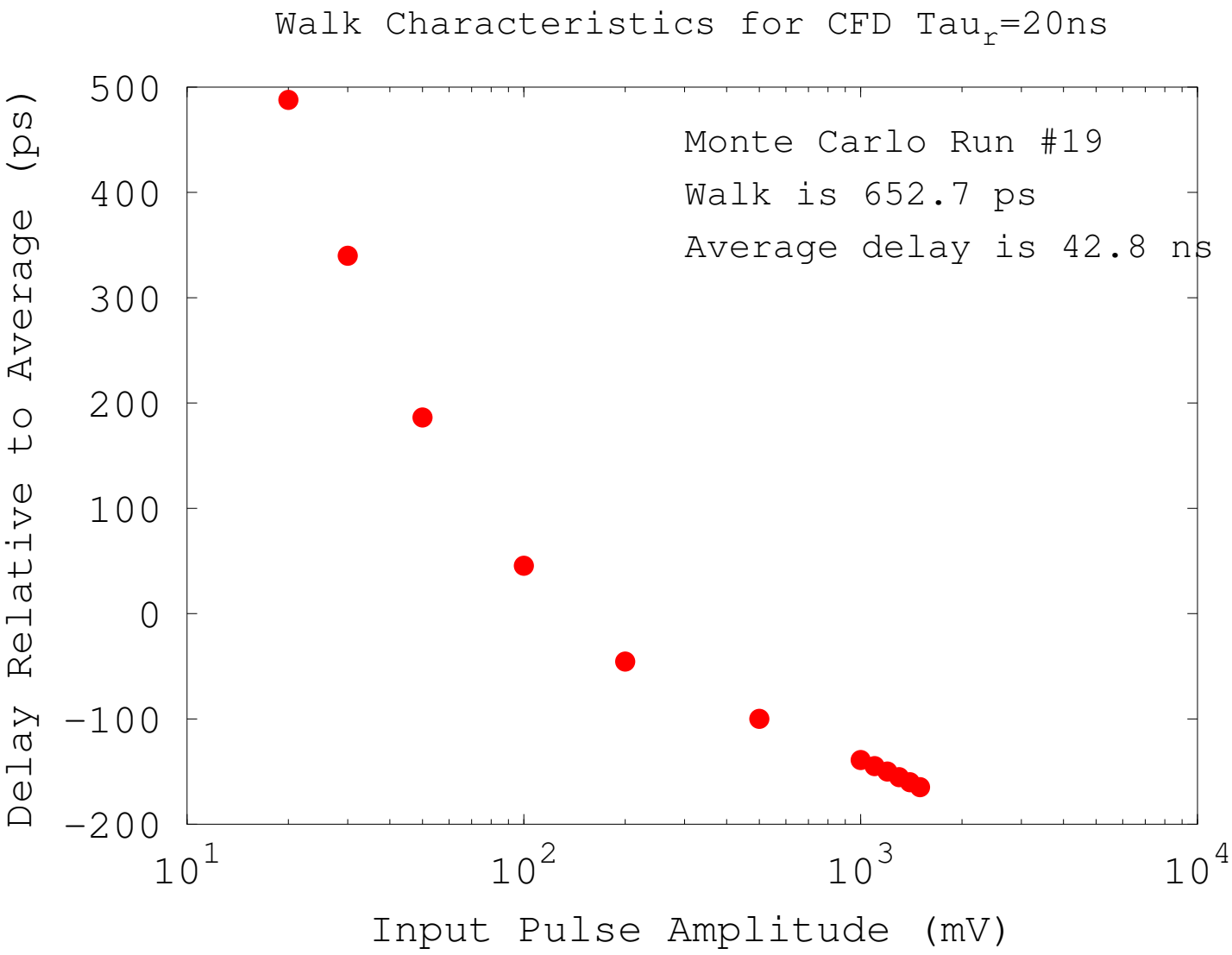

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #14
Walk is 646.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

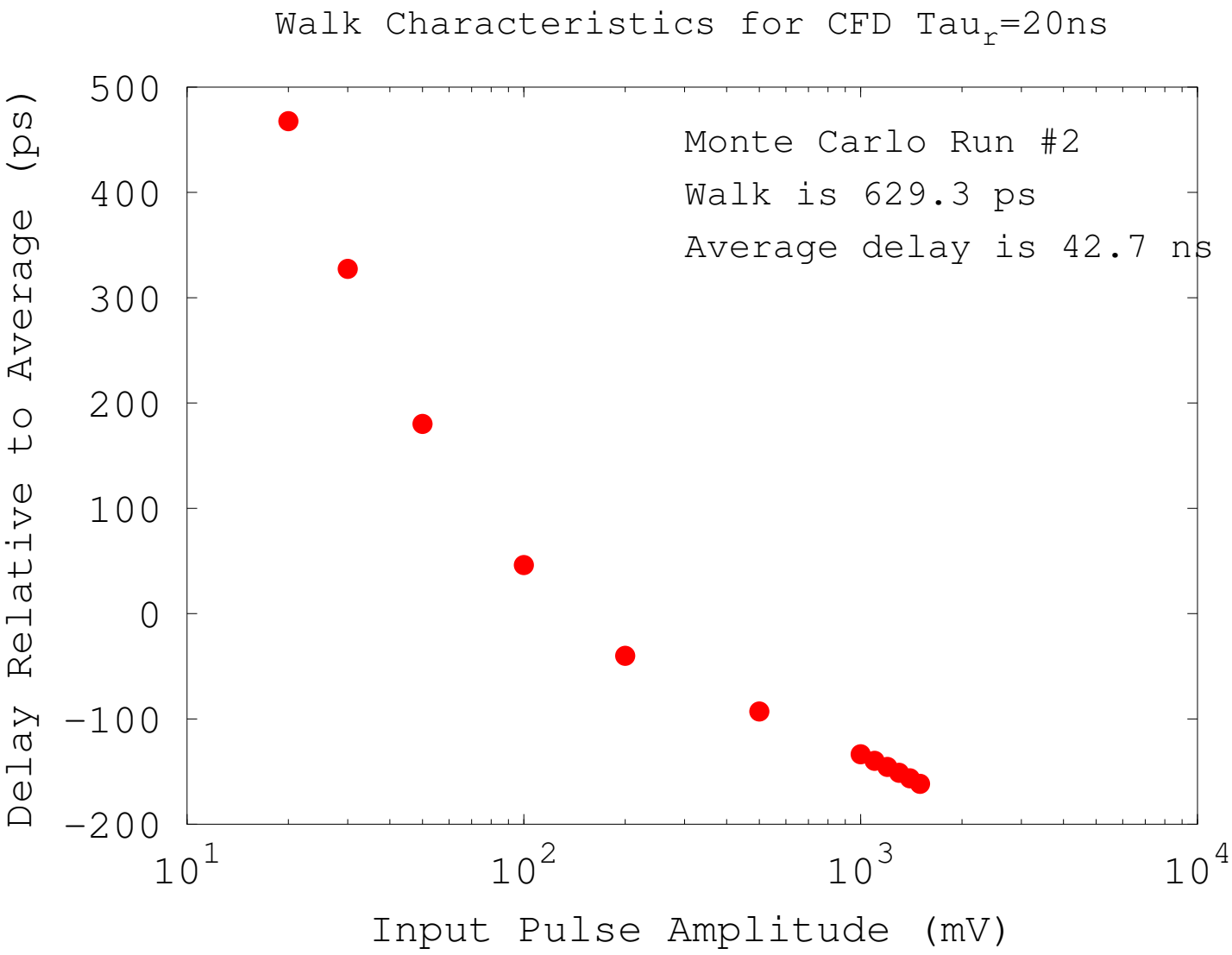

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #15
Walk is 738.5 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

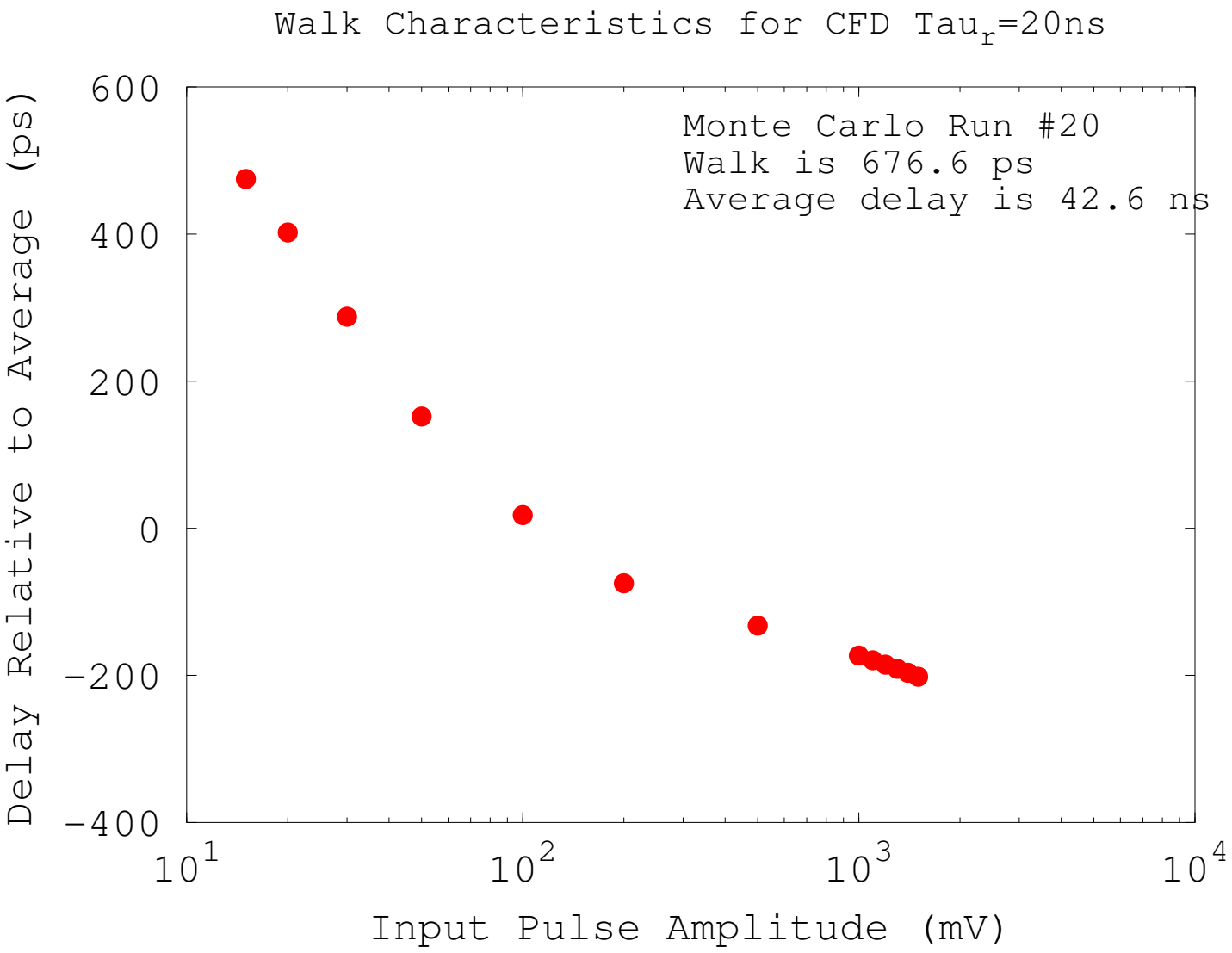

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #16
Walk is 760.5 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

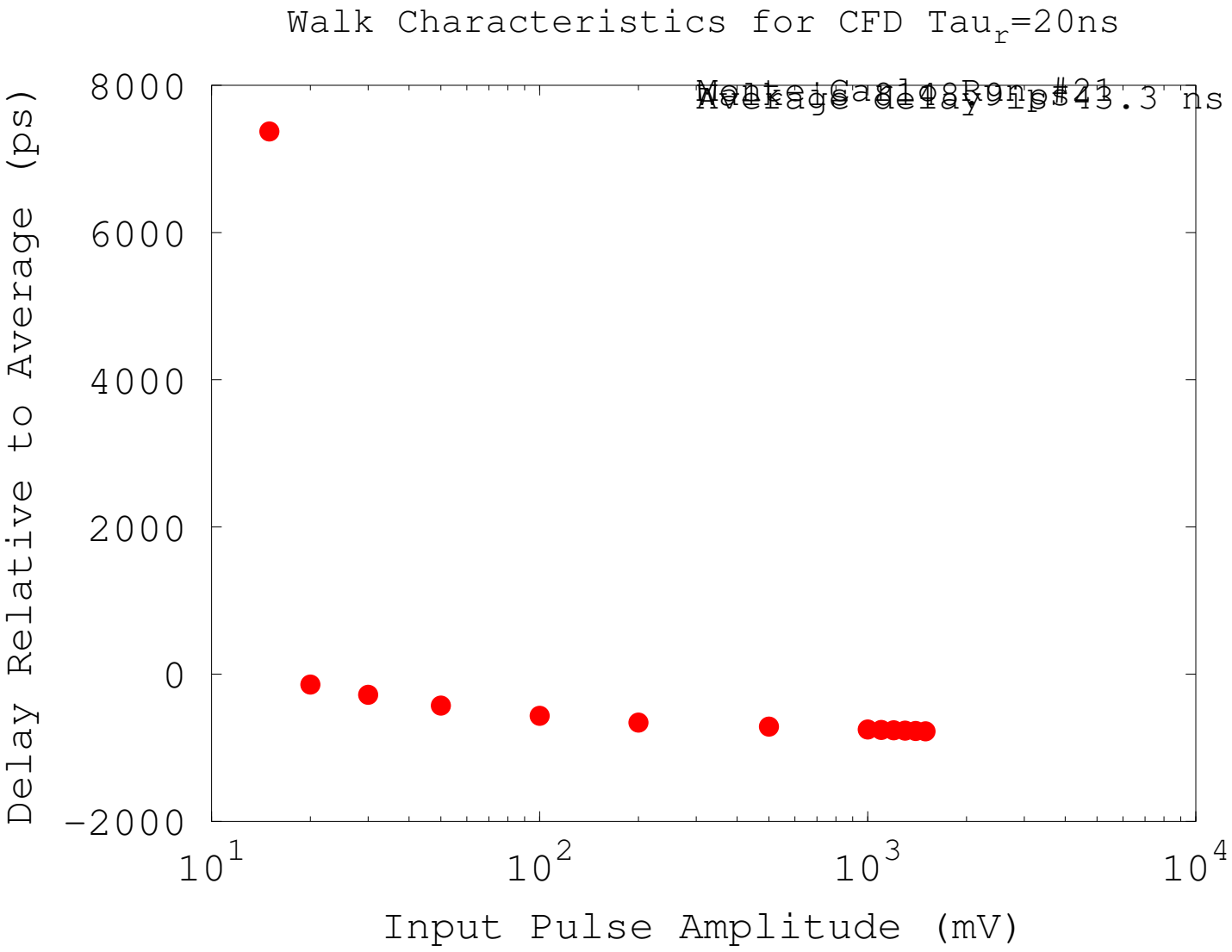

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #17
Walk is 628.6 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

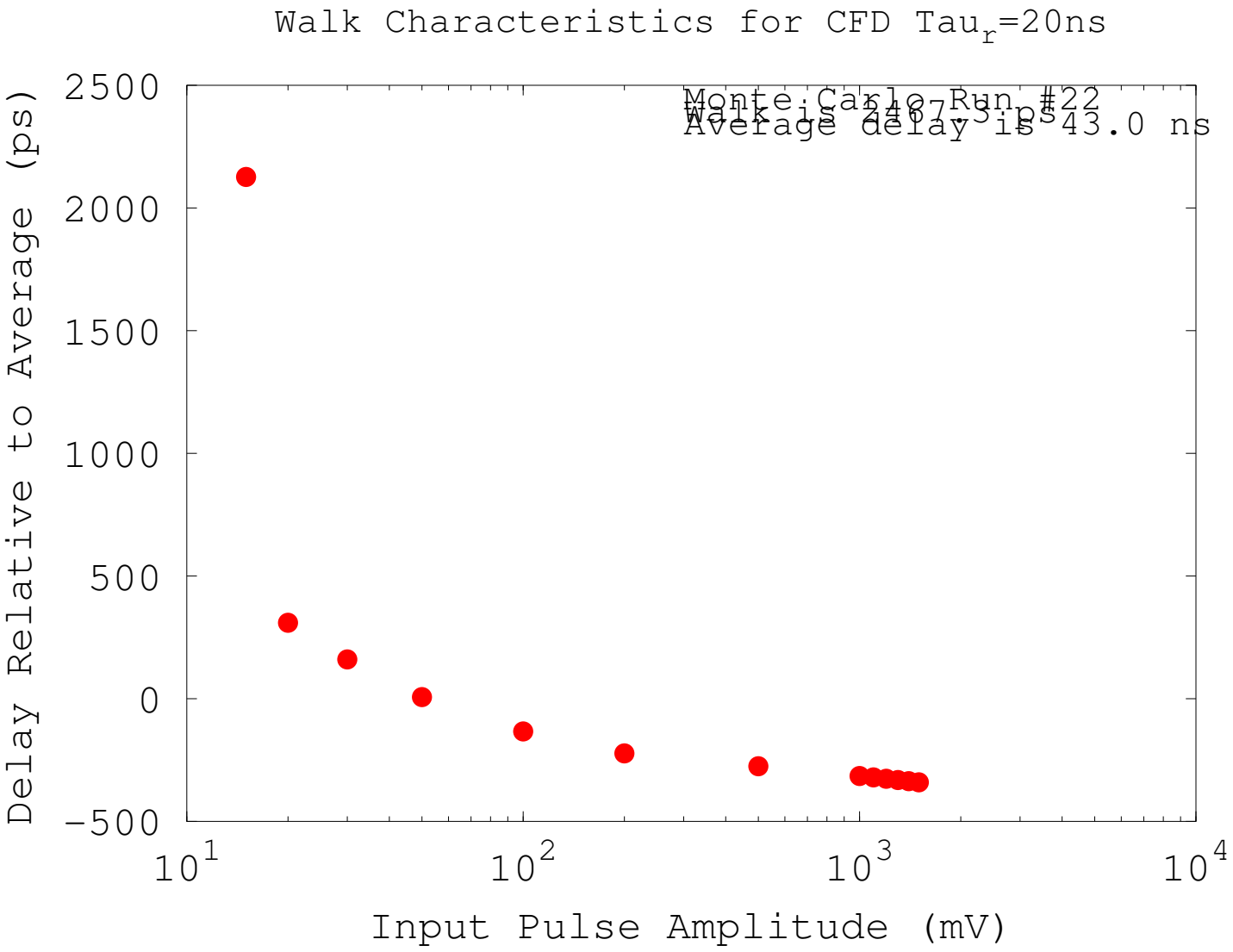

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #18
Walk is 796.8 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

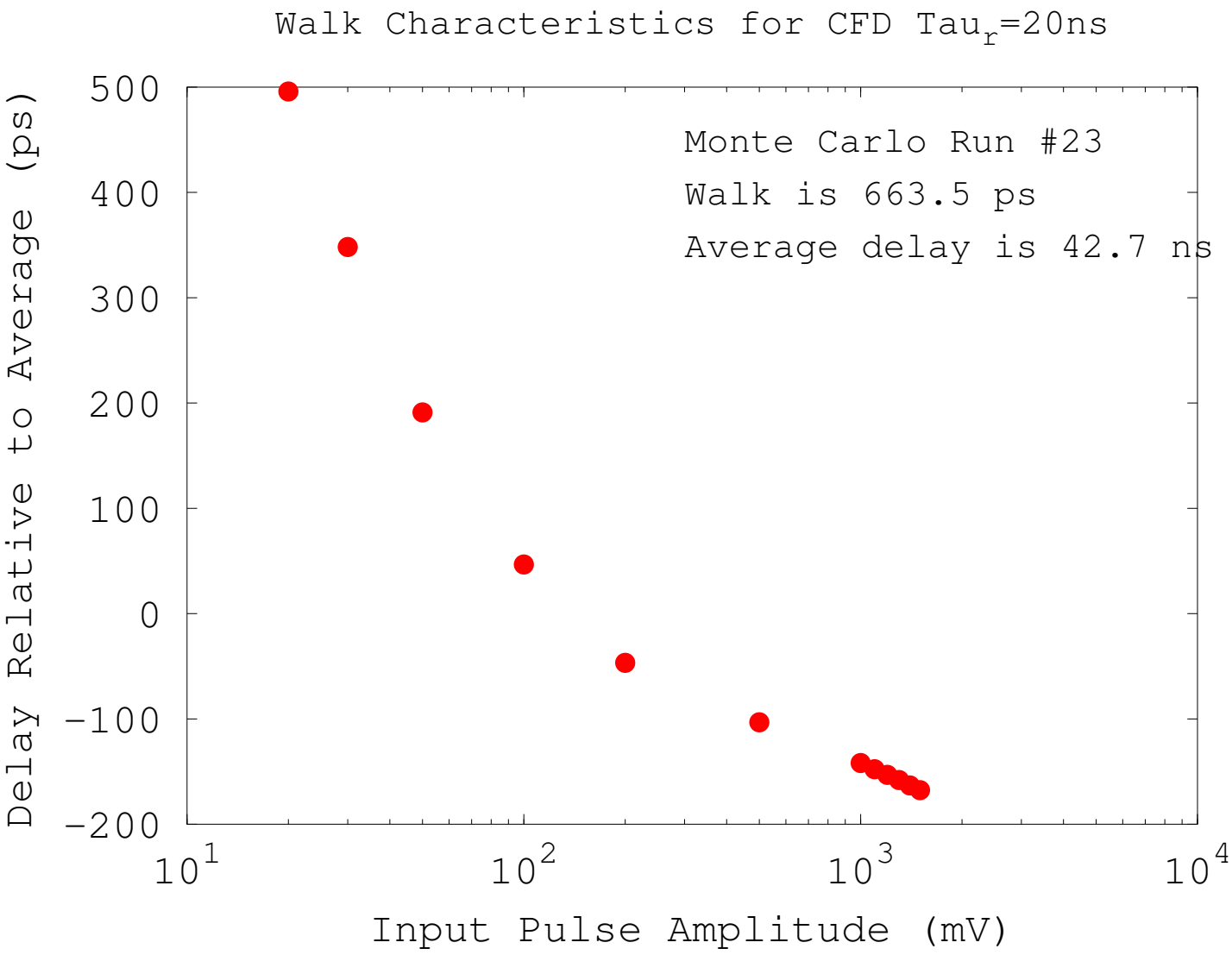

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #19
Walk is 652.7 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

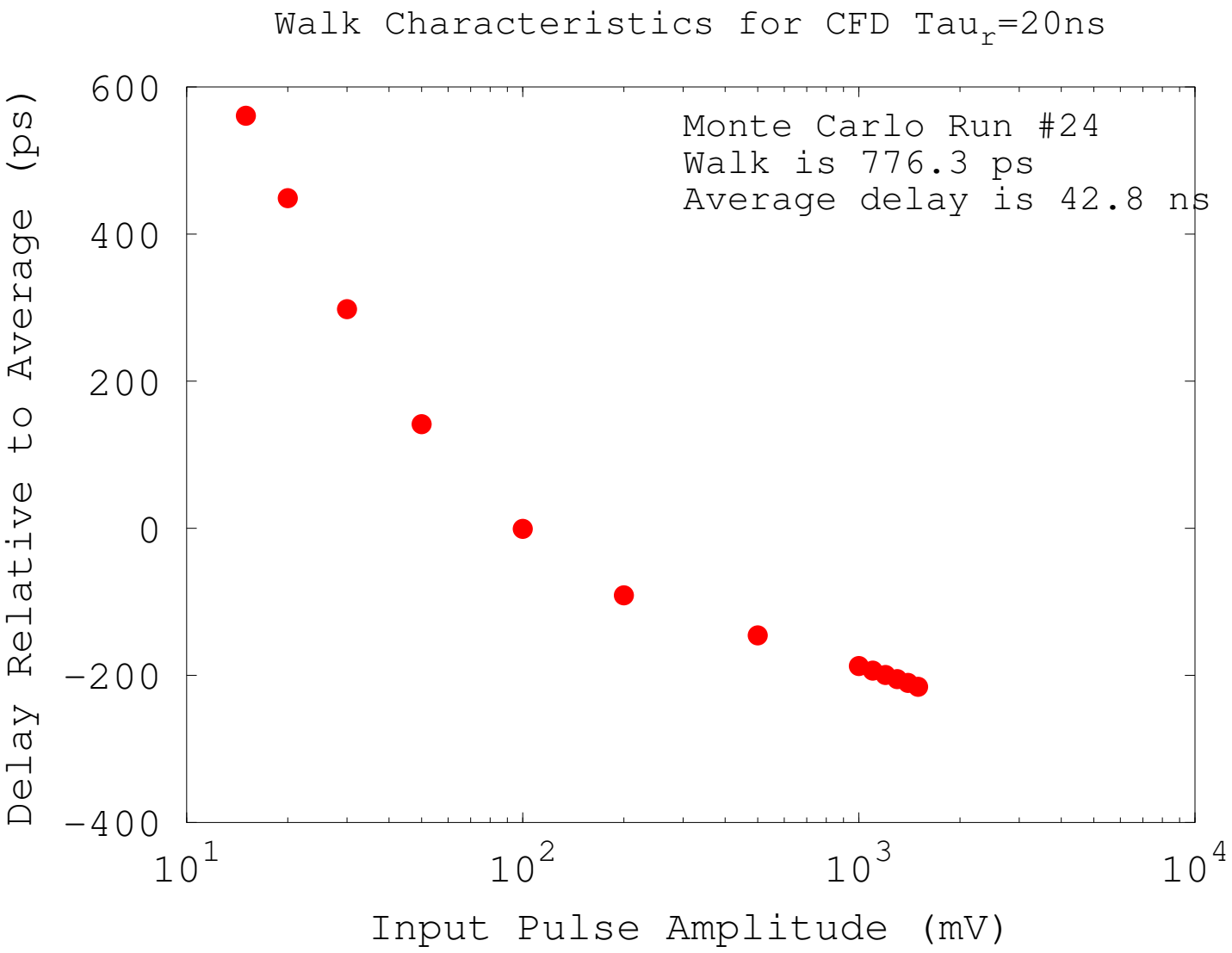

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #2
Walk is 629.3 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

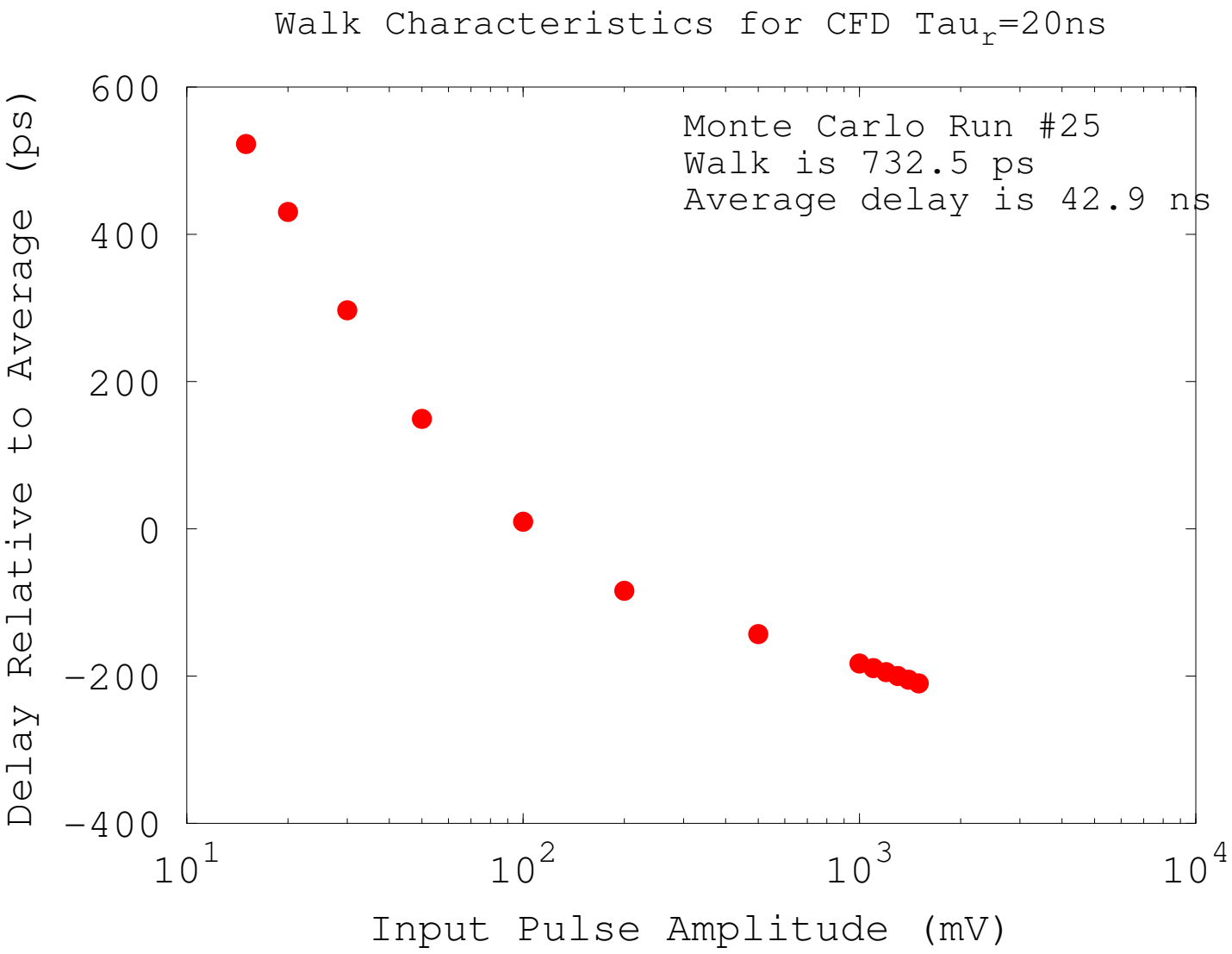

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #20
Walk is 676.6 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

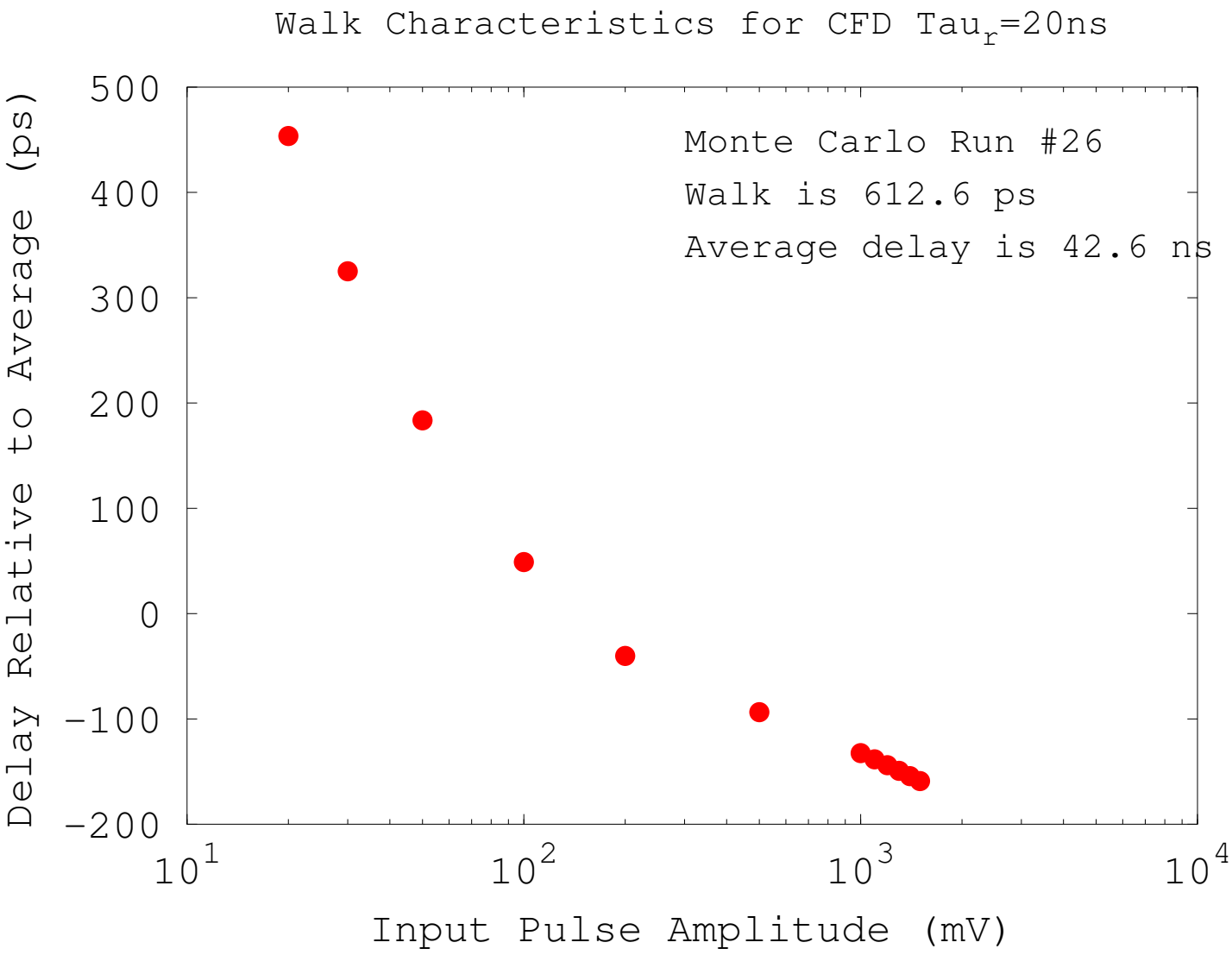

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #21
Average delay is 43.3 ns
Delay Relative to Average (ps)
8000
6000
4000
2000
0
-2000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

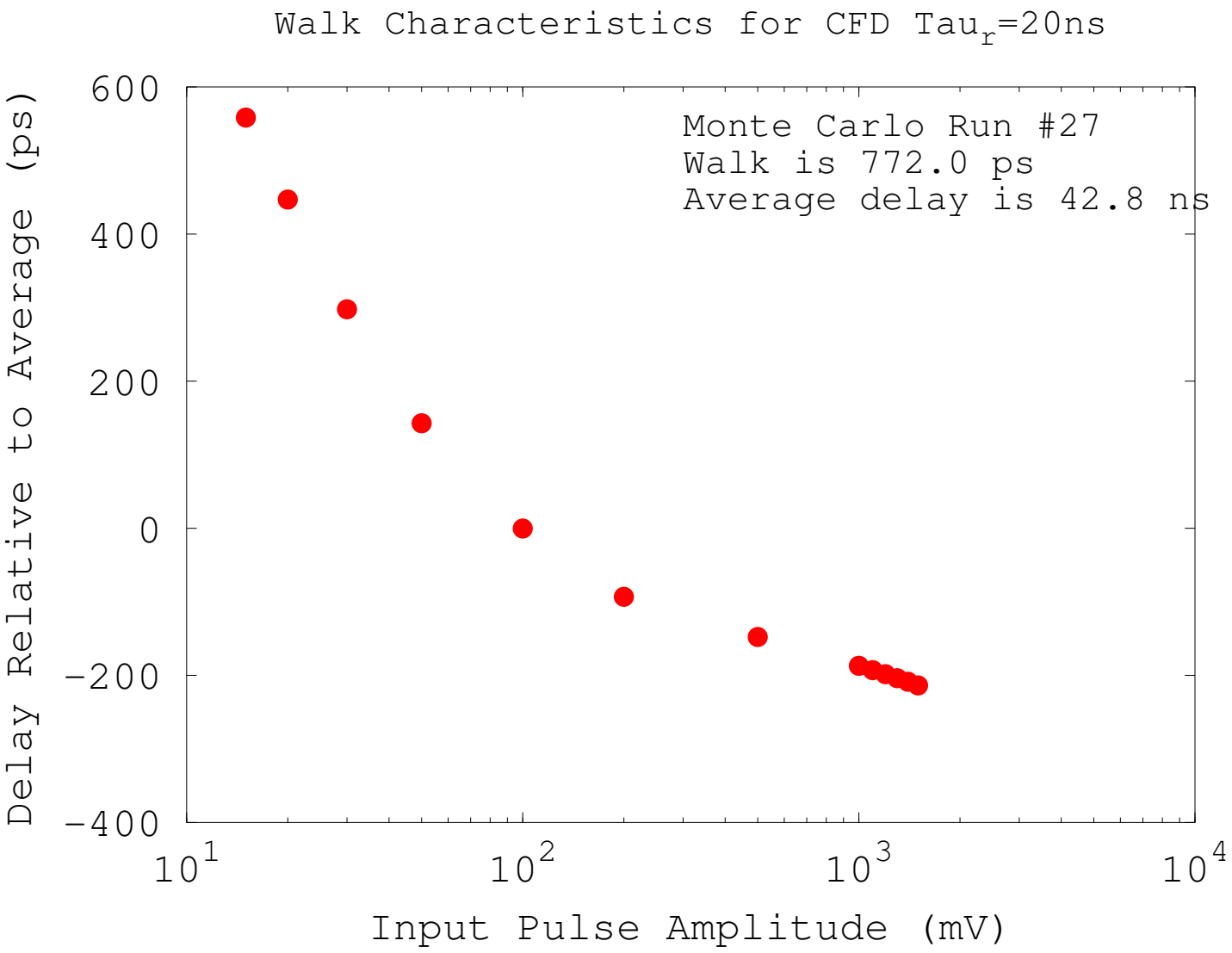

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #22
Walk is 2467.3 ps
Average delay is 43.0 ns
Delay Relative to Average (ps)
2500
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

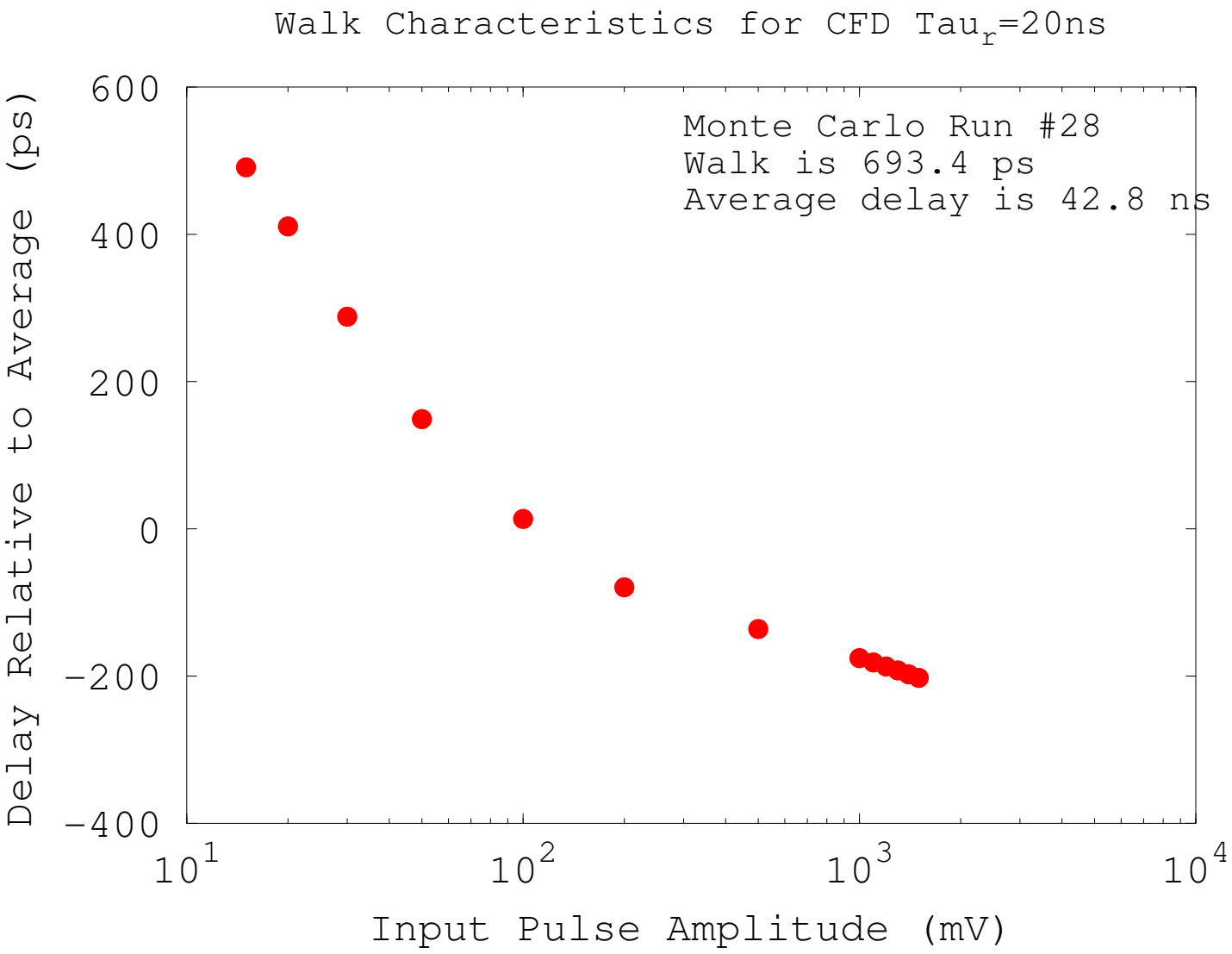

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #23
Walk is 663.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

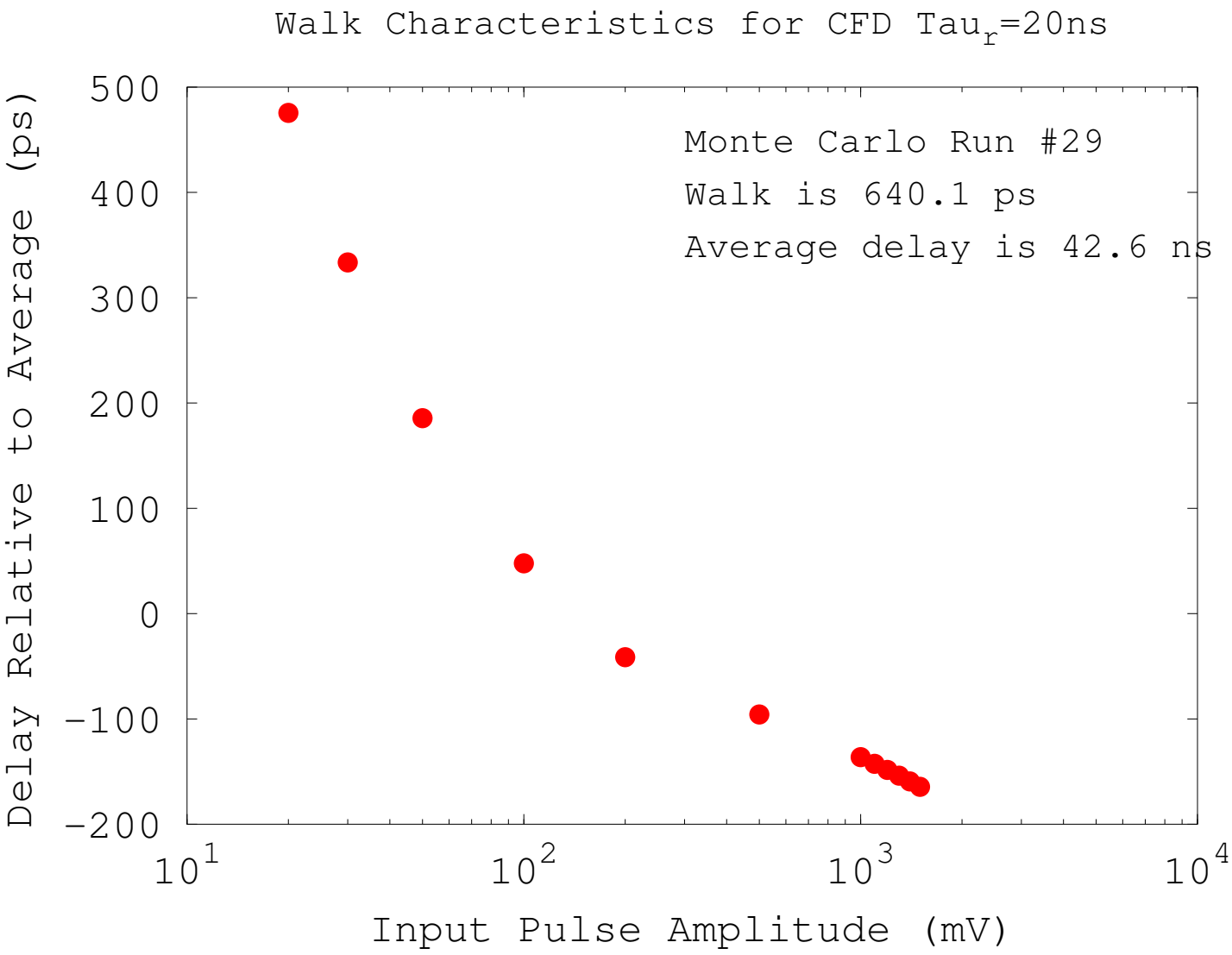

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #24
Walk is 776.3 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

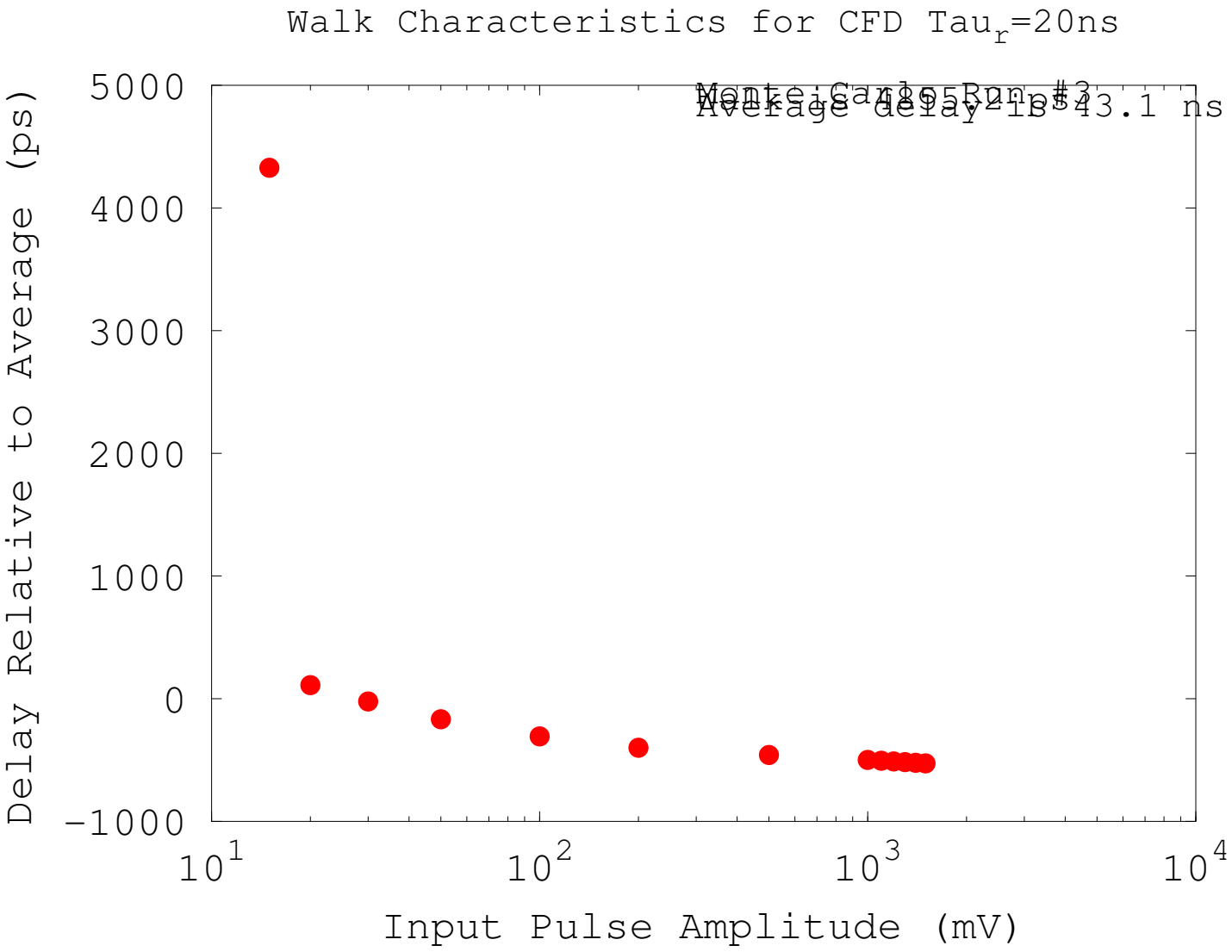

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #25
Walk is 732.5 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

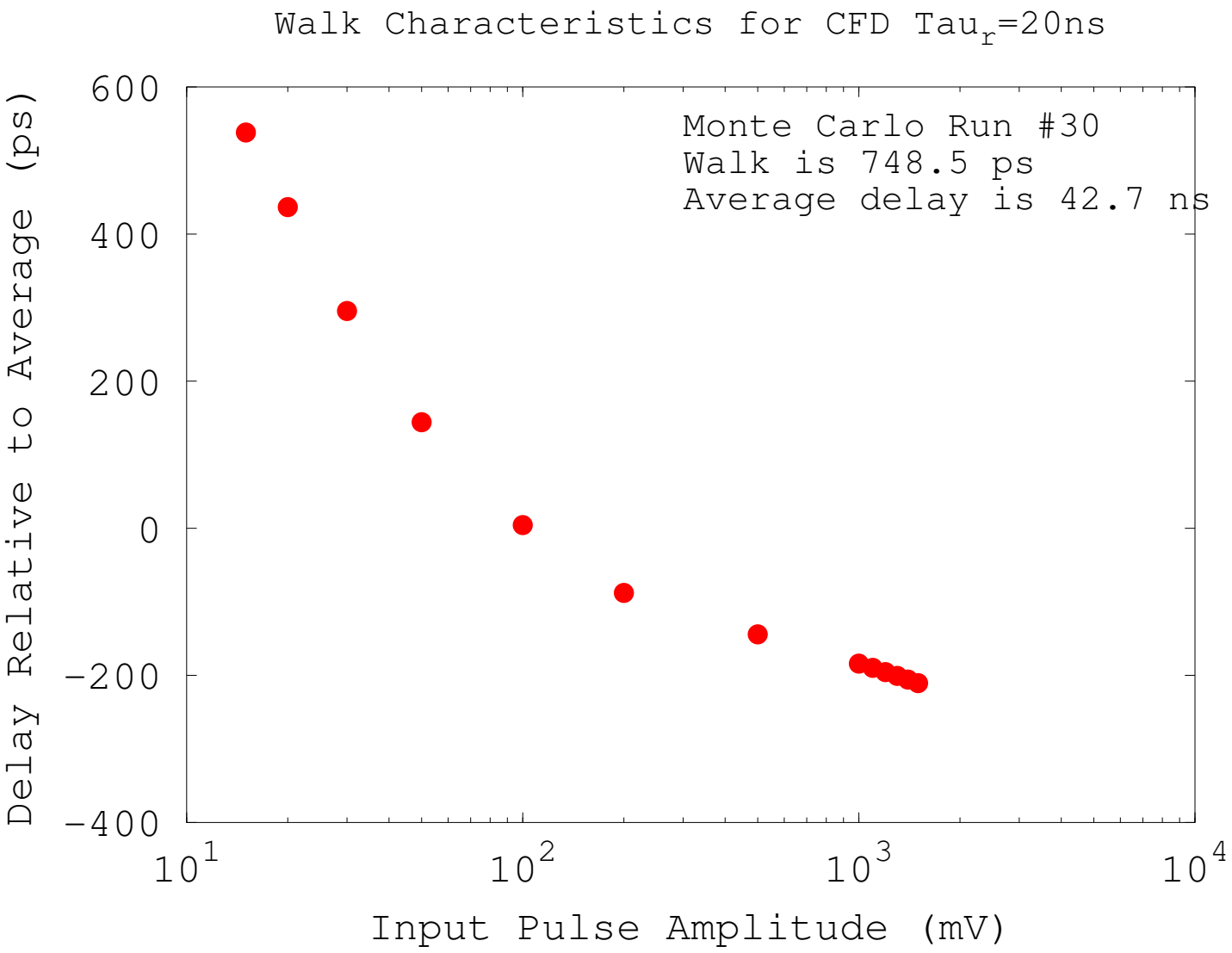

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #26
Walk is 612.6 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

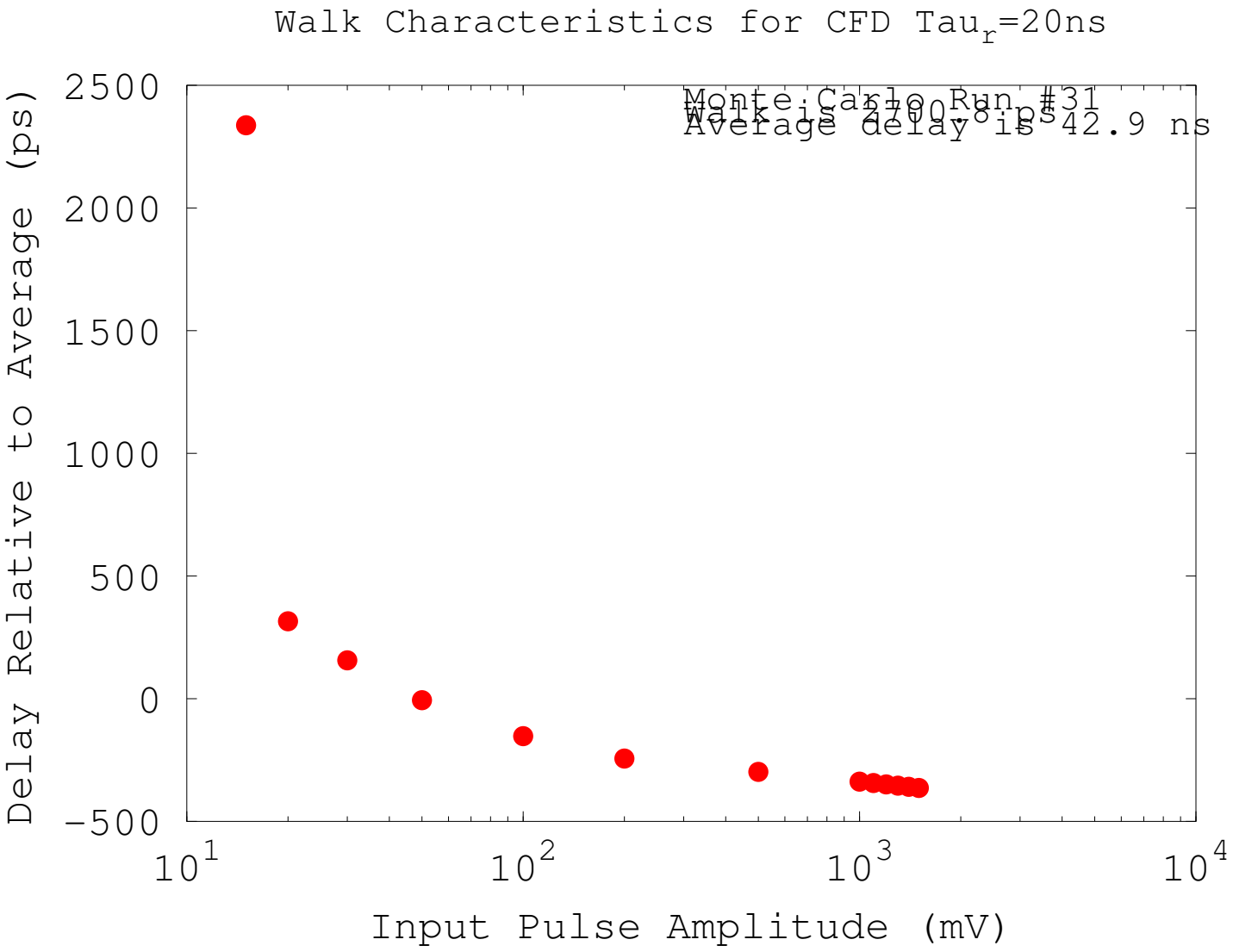

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #27
Walk is 772.0 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

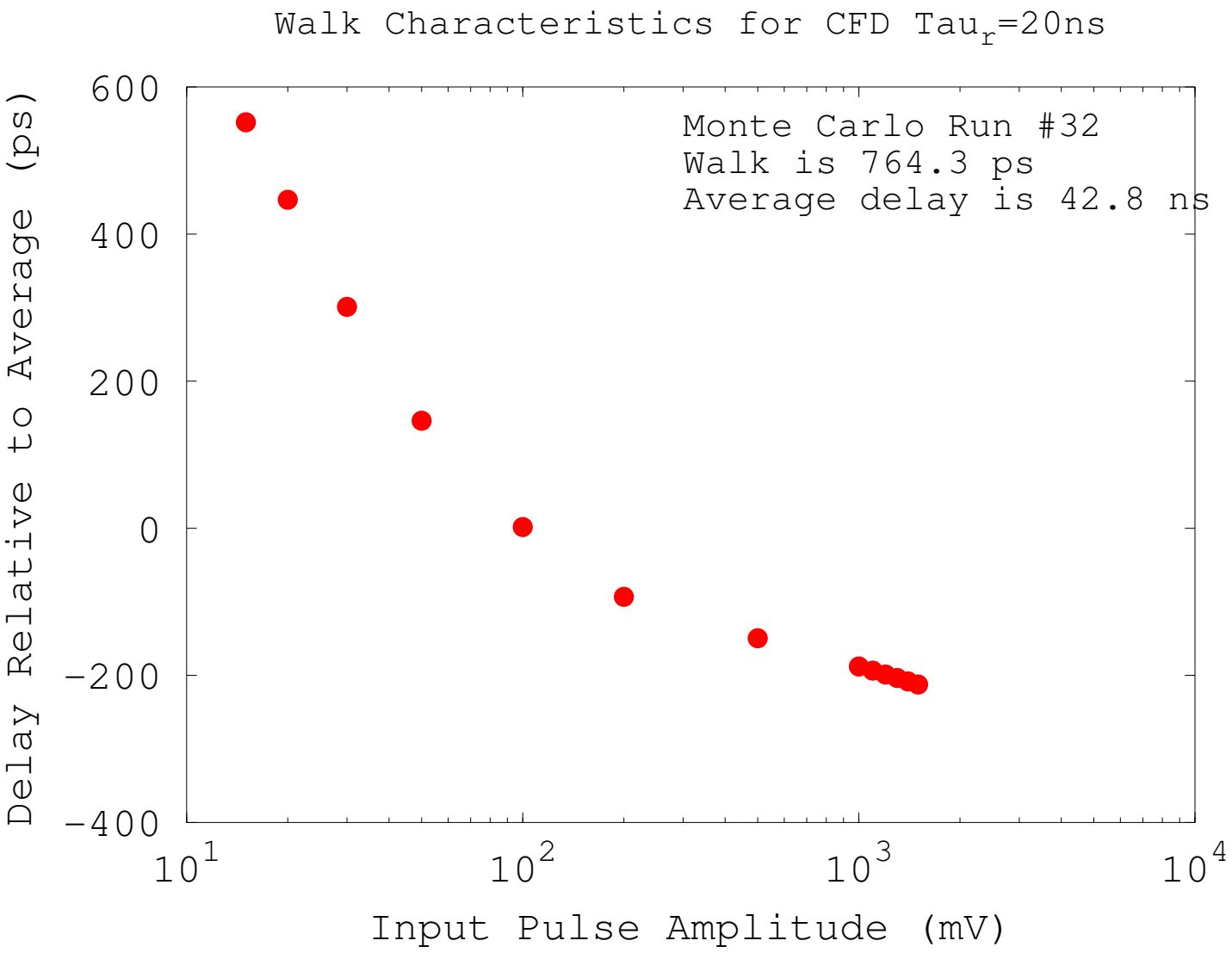

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #28
Walk is 693.4 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

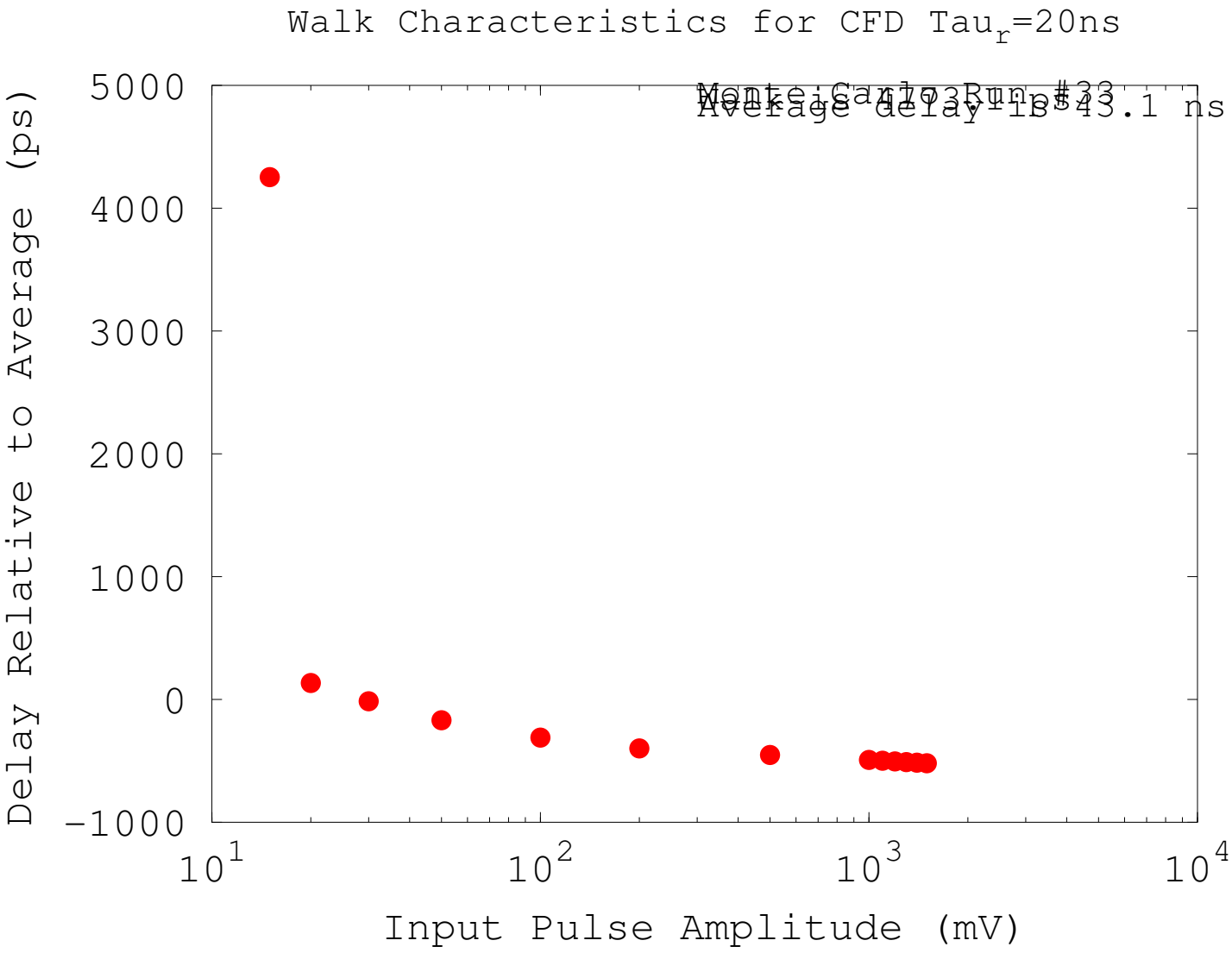

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #29
Walk is 640.1 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

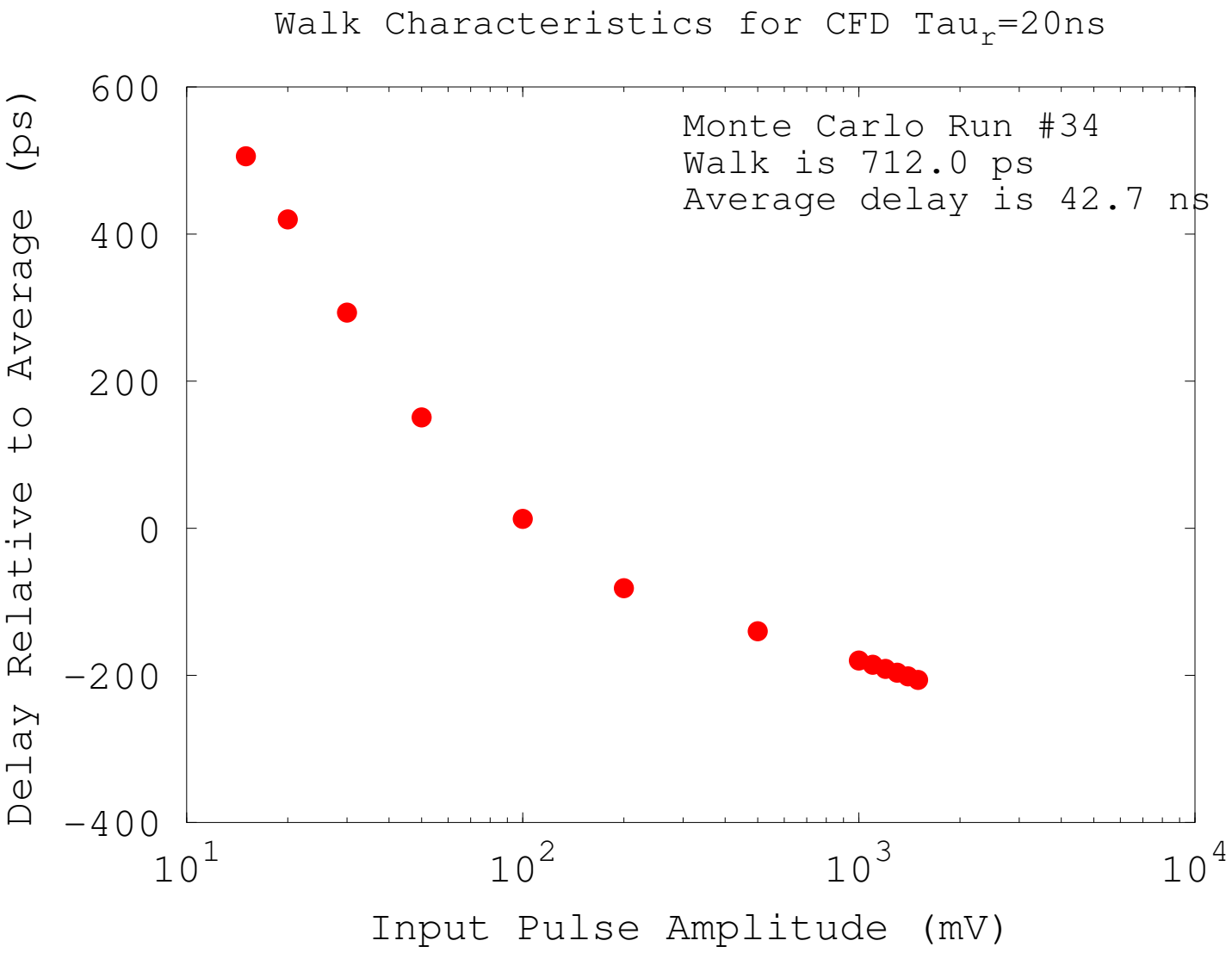

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #3
Average delay is 43.1 ns
Delay Relative to Average (ps)
5000
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

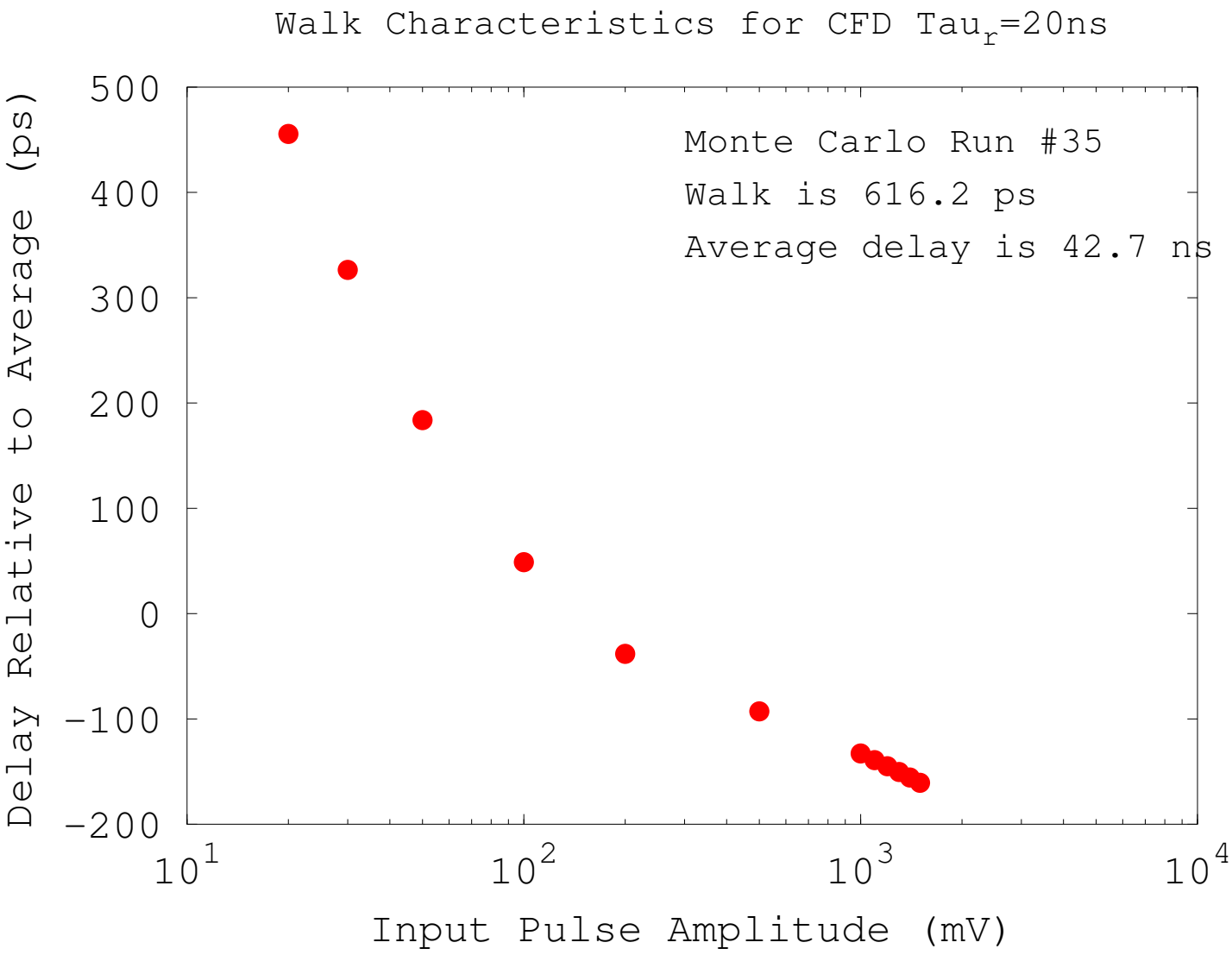

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #30
Walk is 748.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

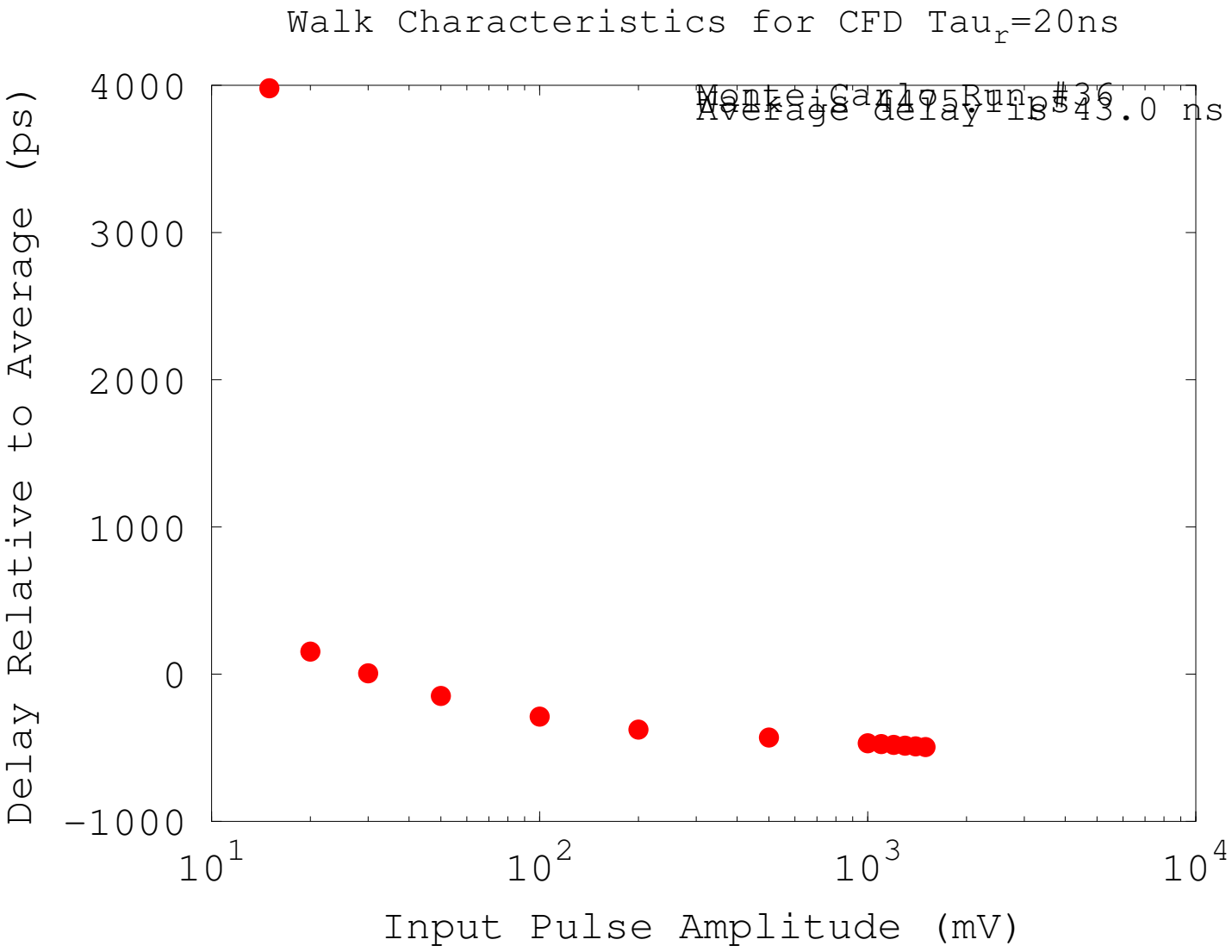

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #31
Walk is 2700.8 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
2500
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

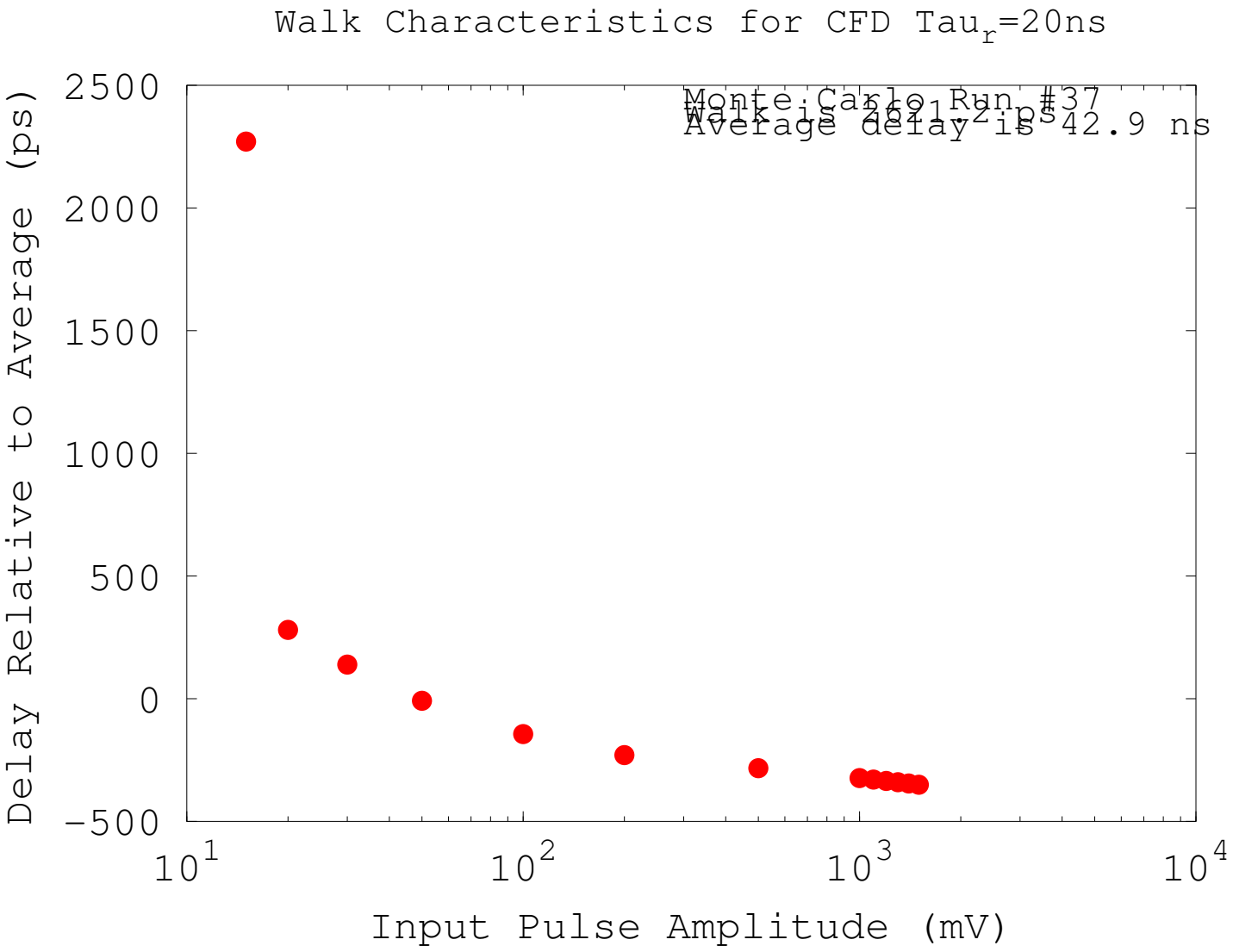

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #32
Walk is 764.3 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

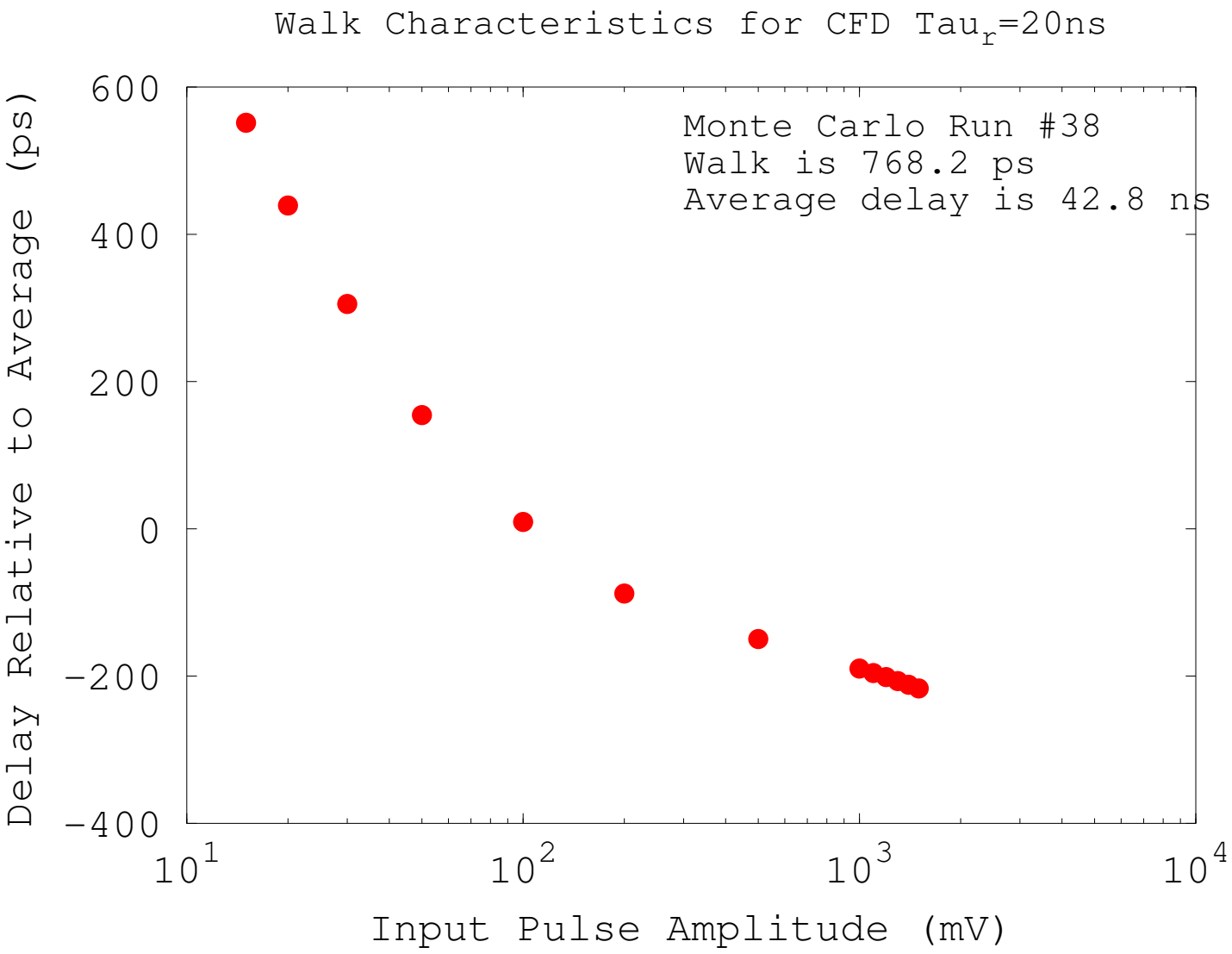

Walk Characteristics for CFD Tau$_r$=20ns
MonteCarlo3Run #33
Average delay is 43.1 ns
Delay Relative to Average (ps)
5000
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

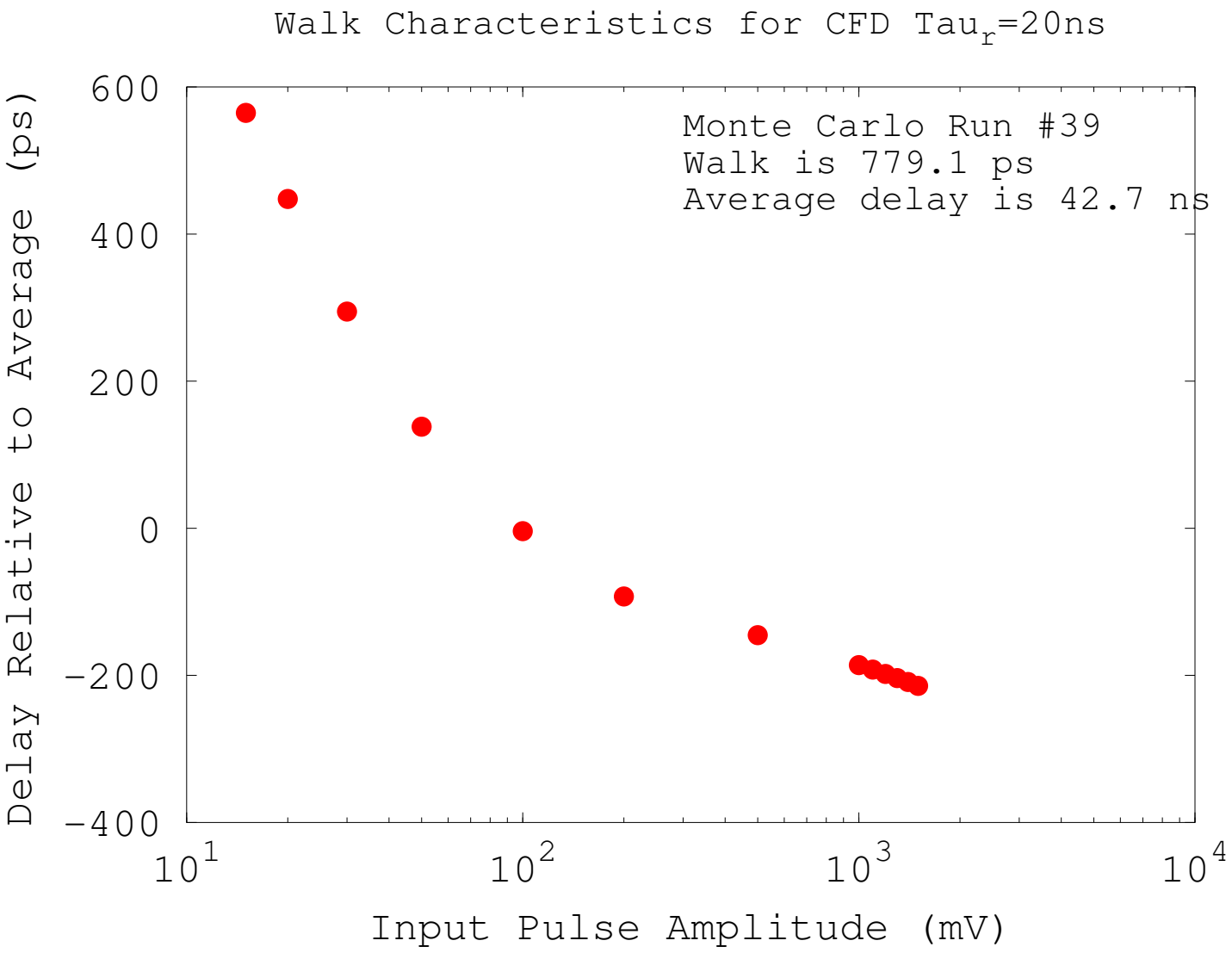

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #34
Walk is 712.0 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

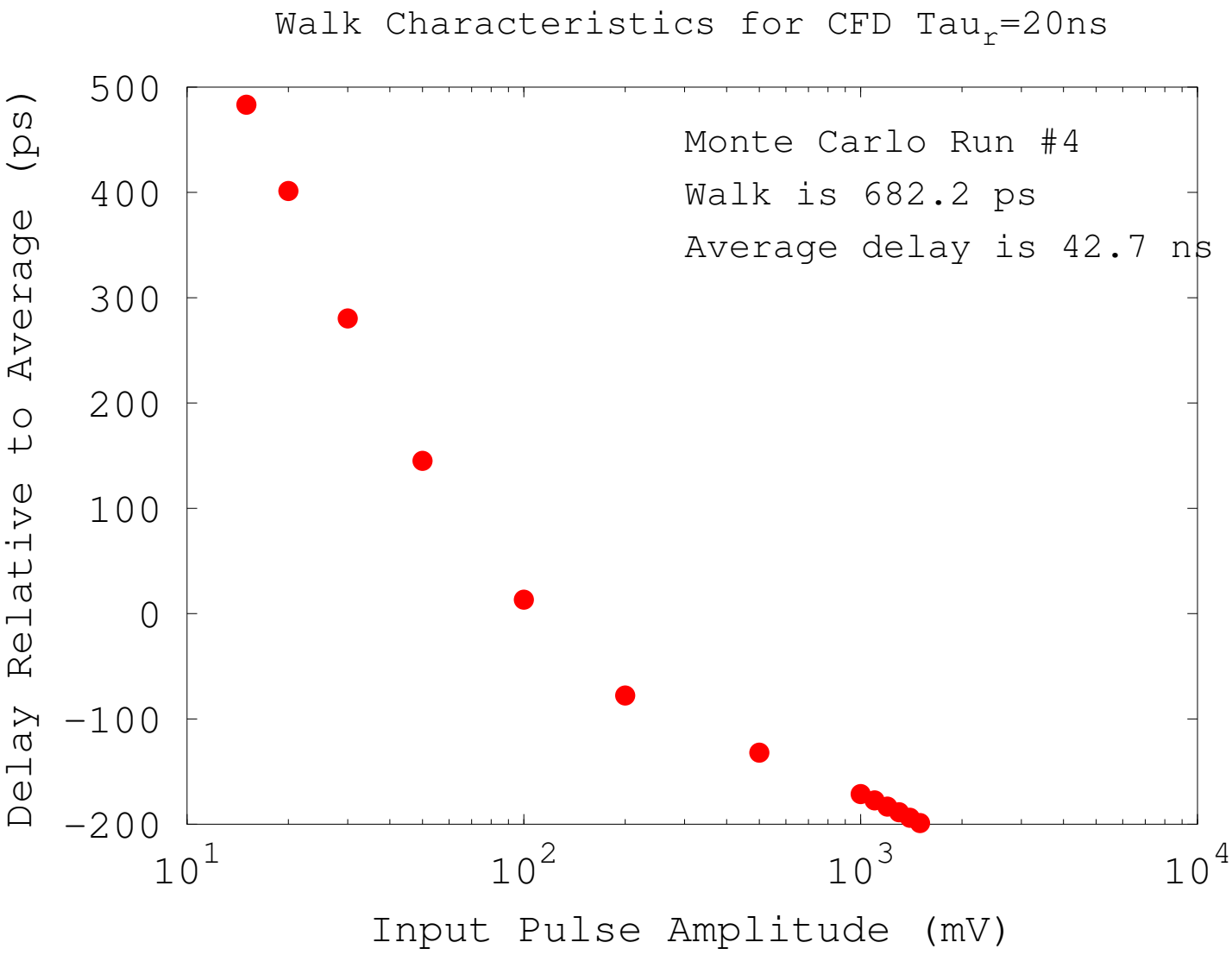

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #35
Walk is 616.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

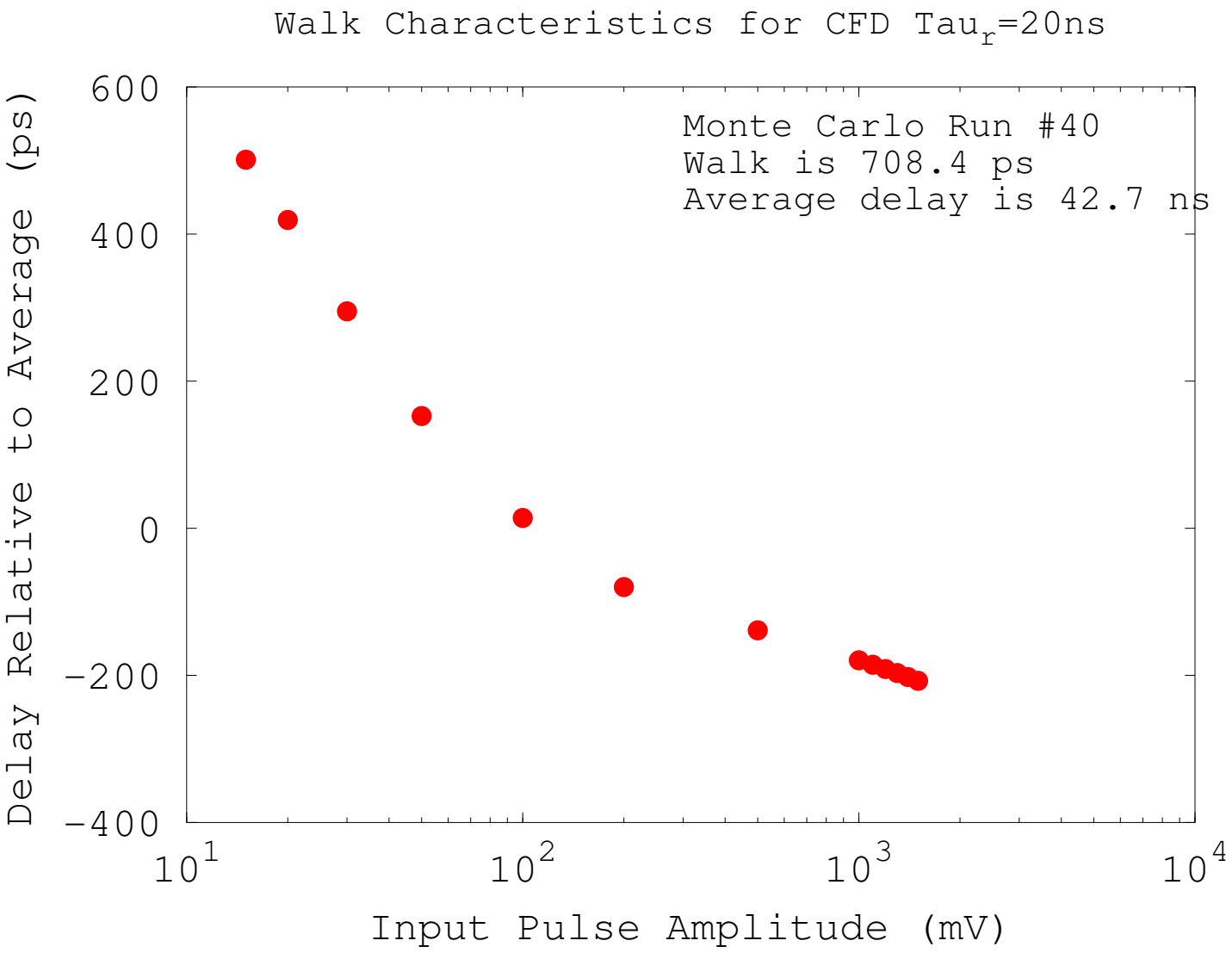

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #36
Average delay is 43.0 ns
Delay Relative to Average (ps)
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

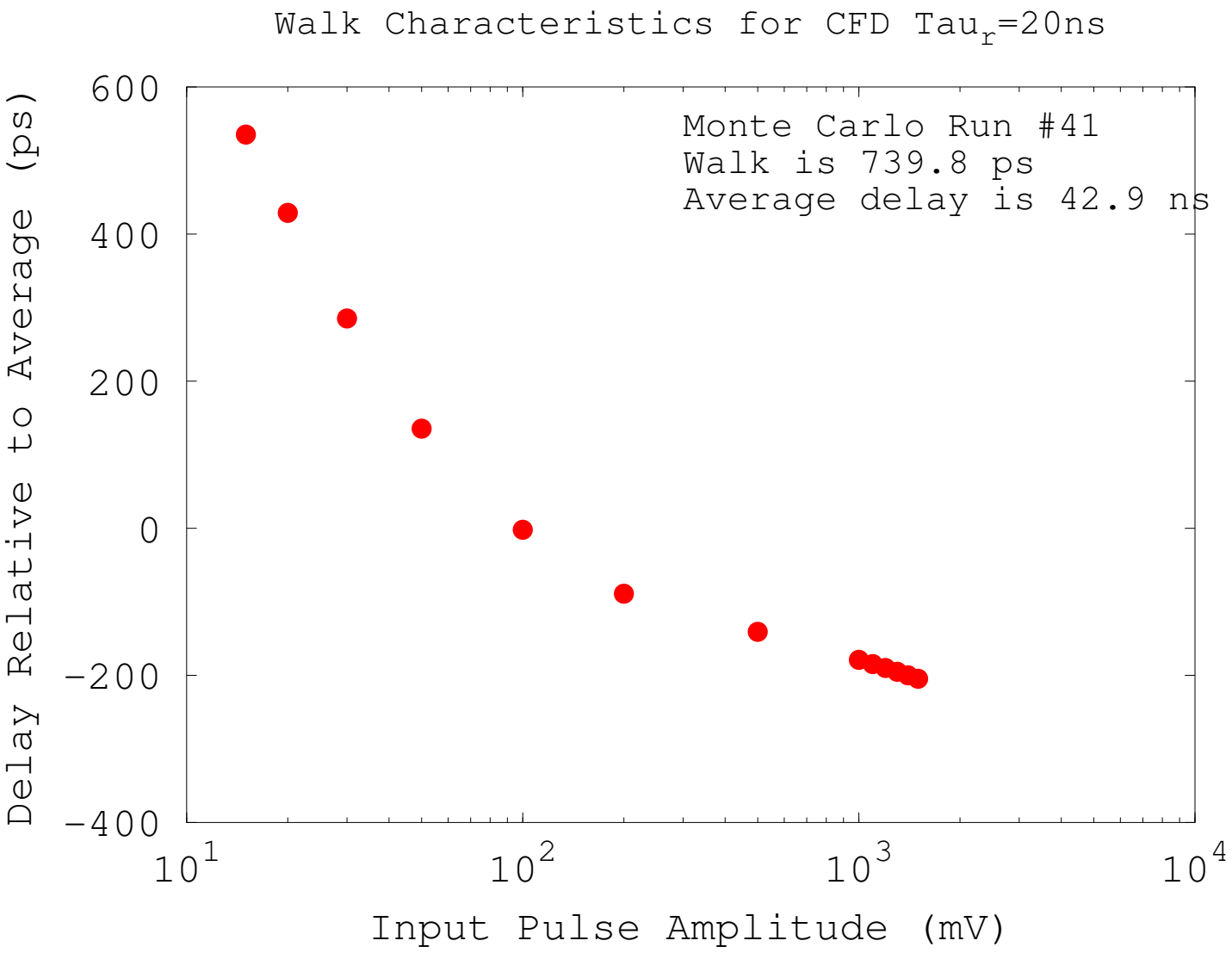

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #37
Walk is 2241.2 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
2500
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

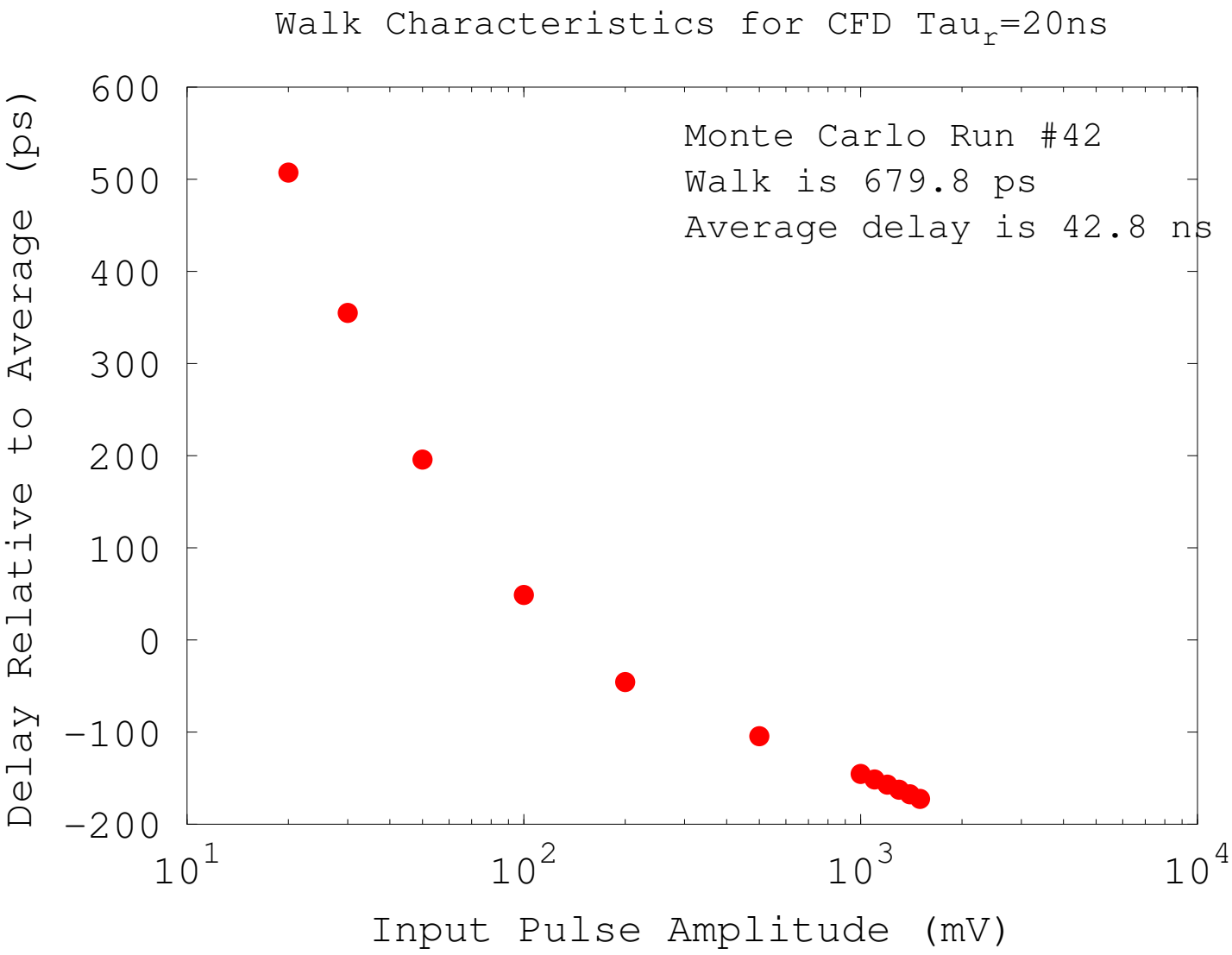

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #38
Walk is 768.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

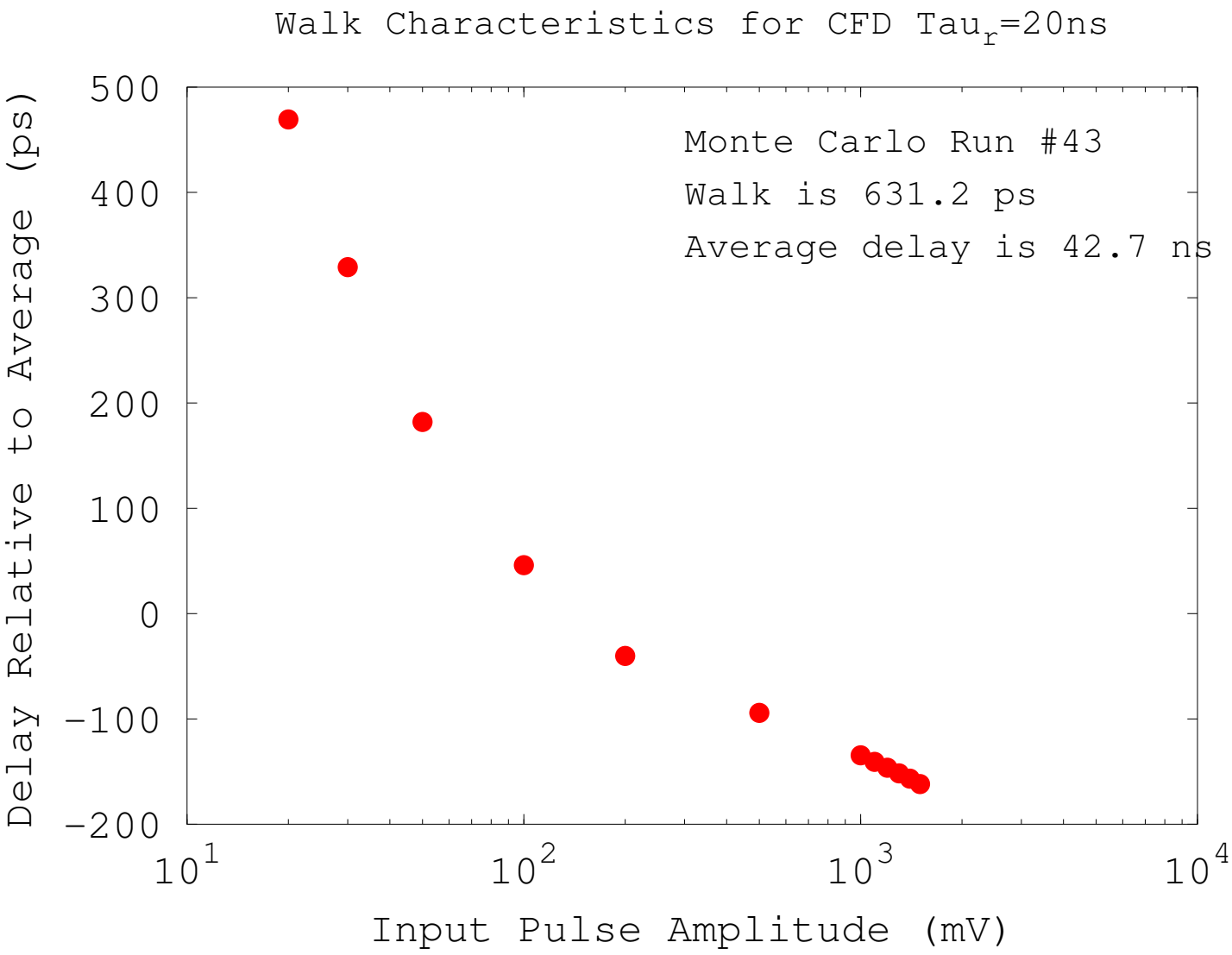

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #39
Walk is 779.1 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

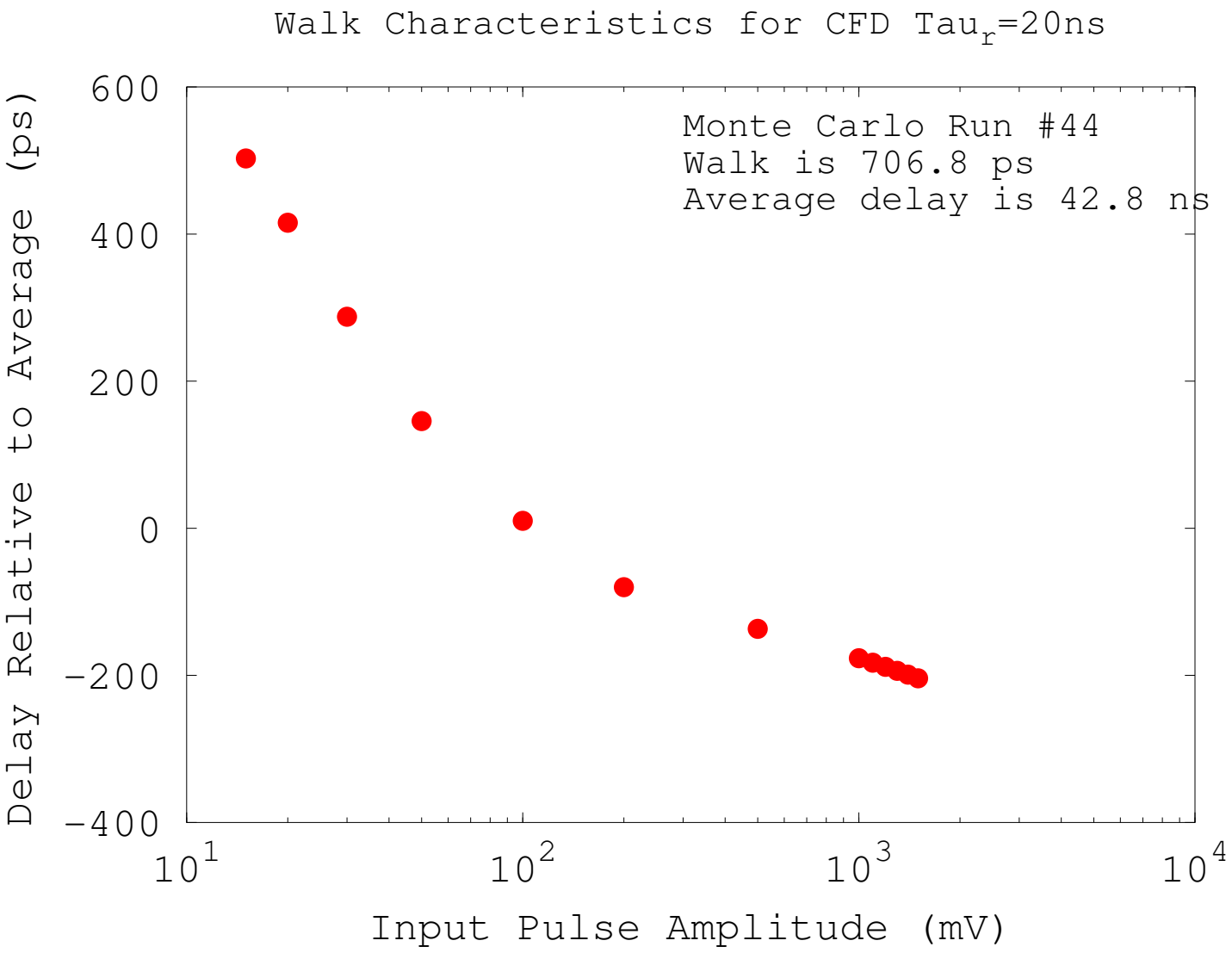

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #4
Walk is 682.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

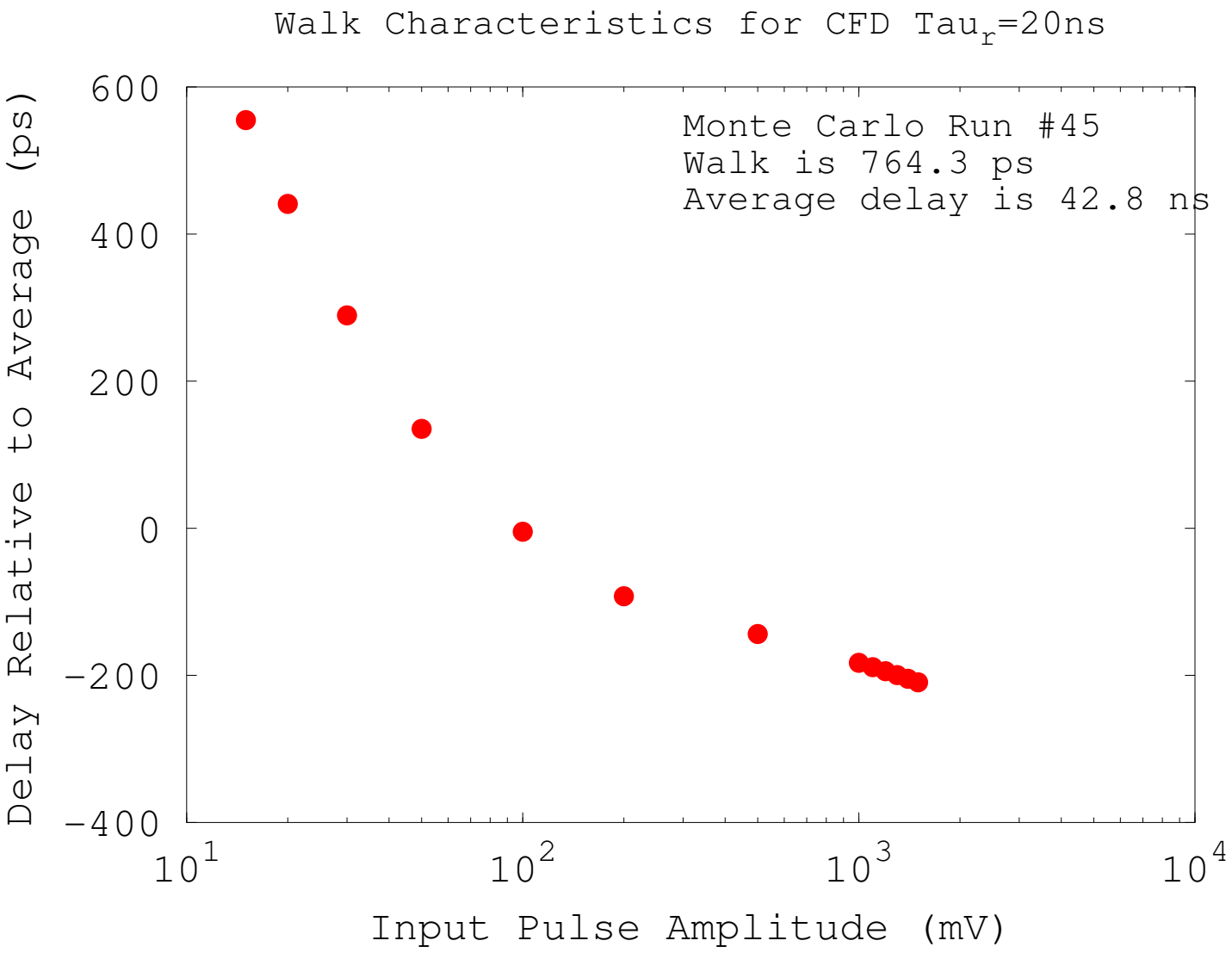

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #40
Walk is 708.4 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

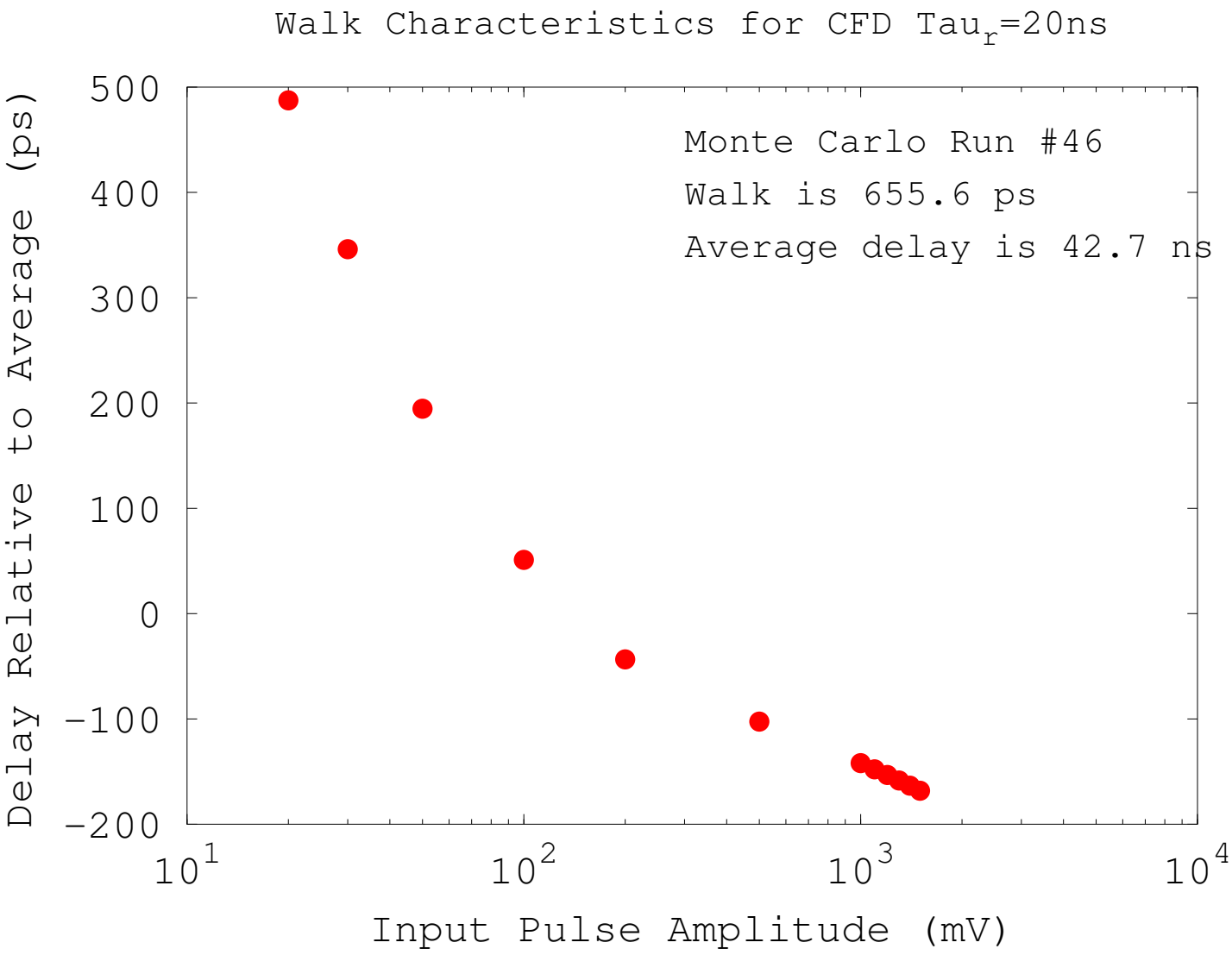

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #41
Walk is 739.8 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

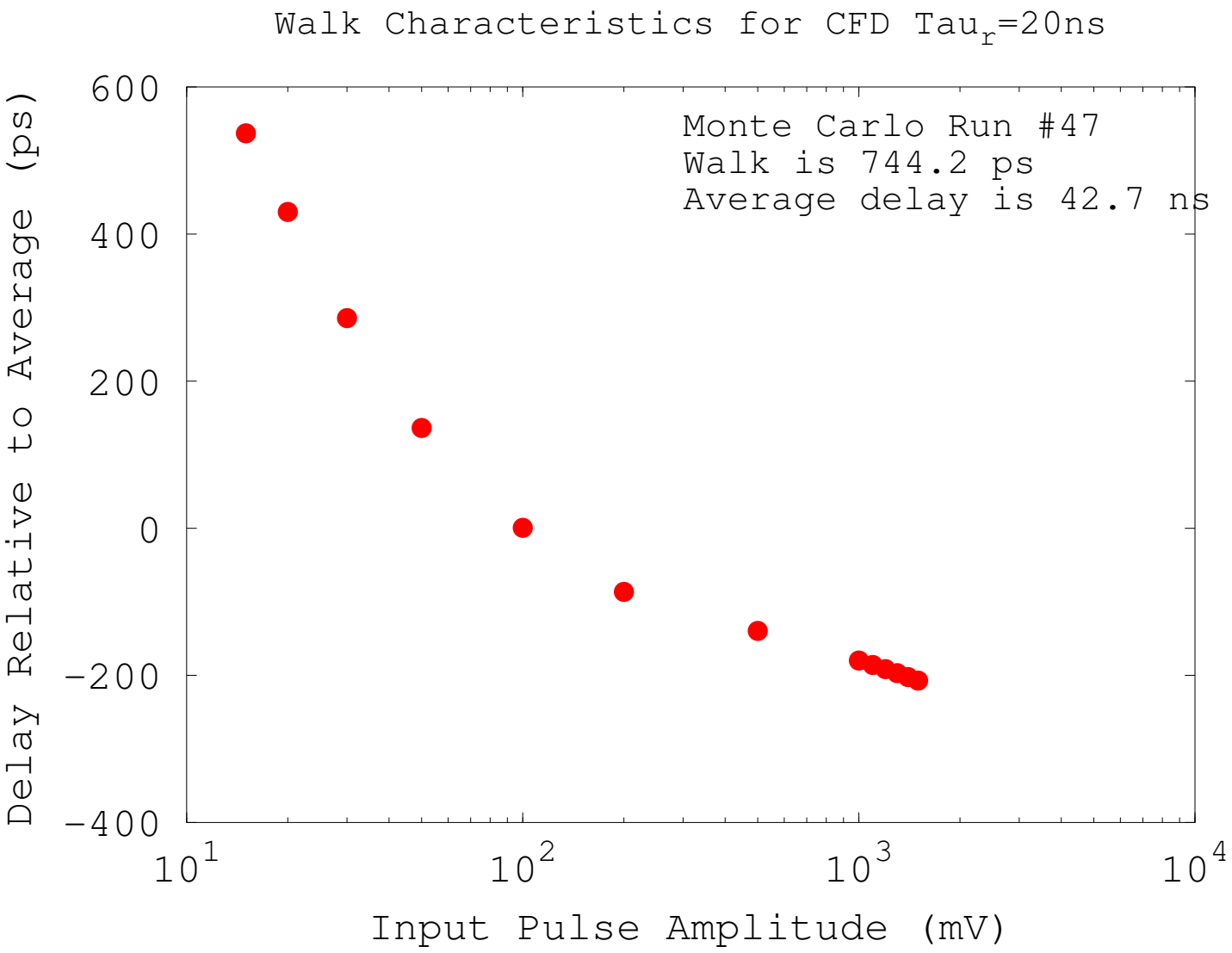

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #42
Walk is 679.8 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

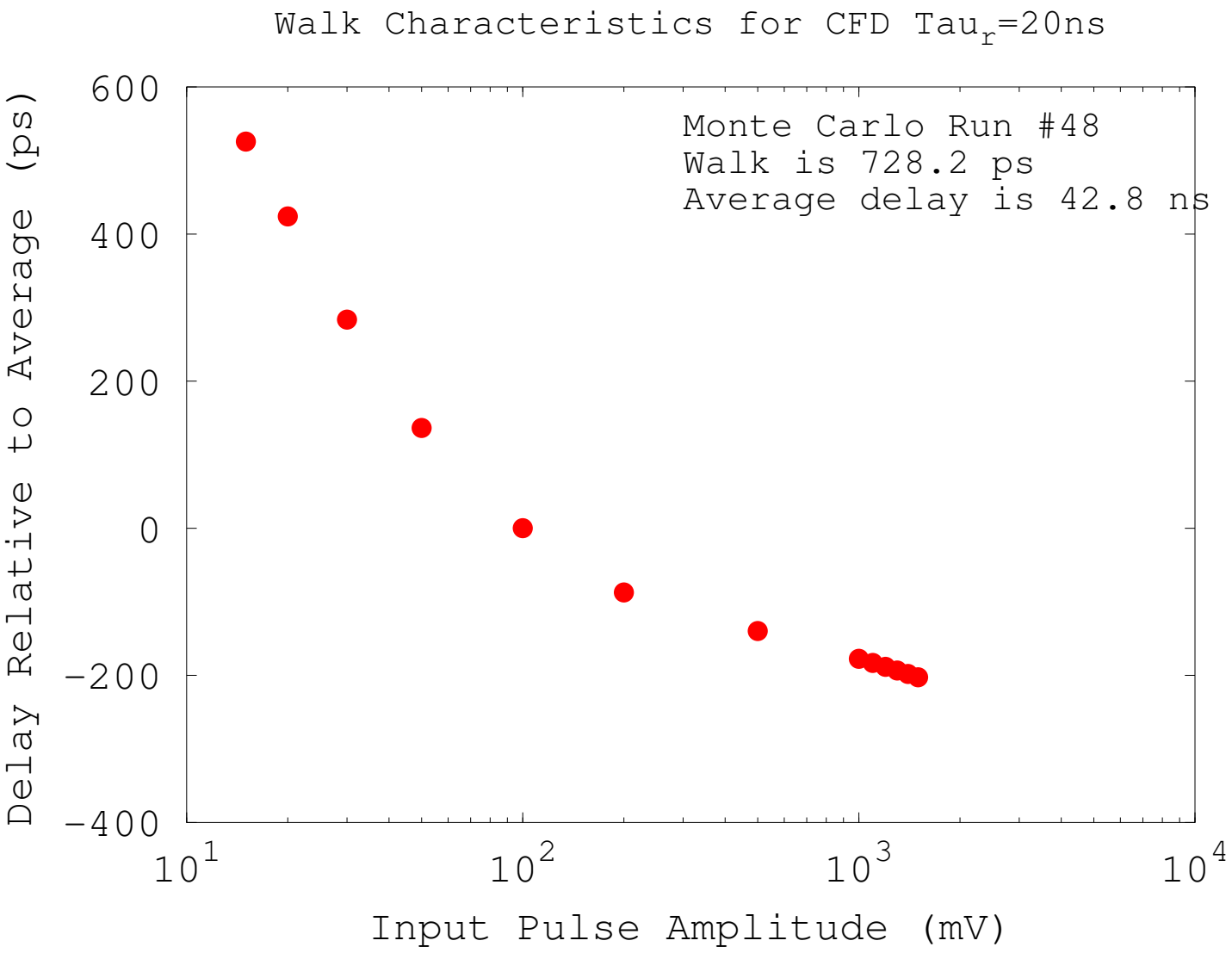

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #43
Walk is 631.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

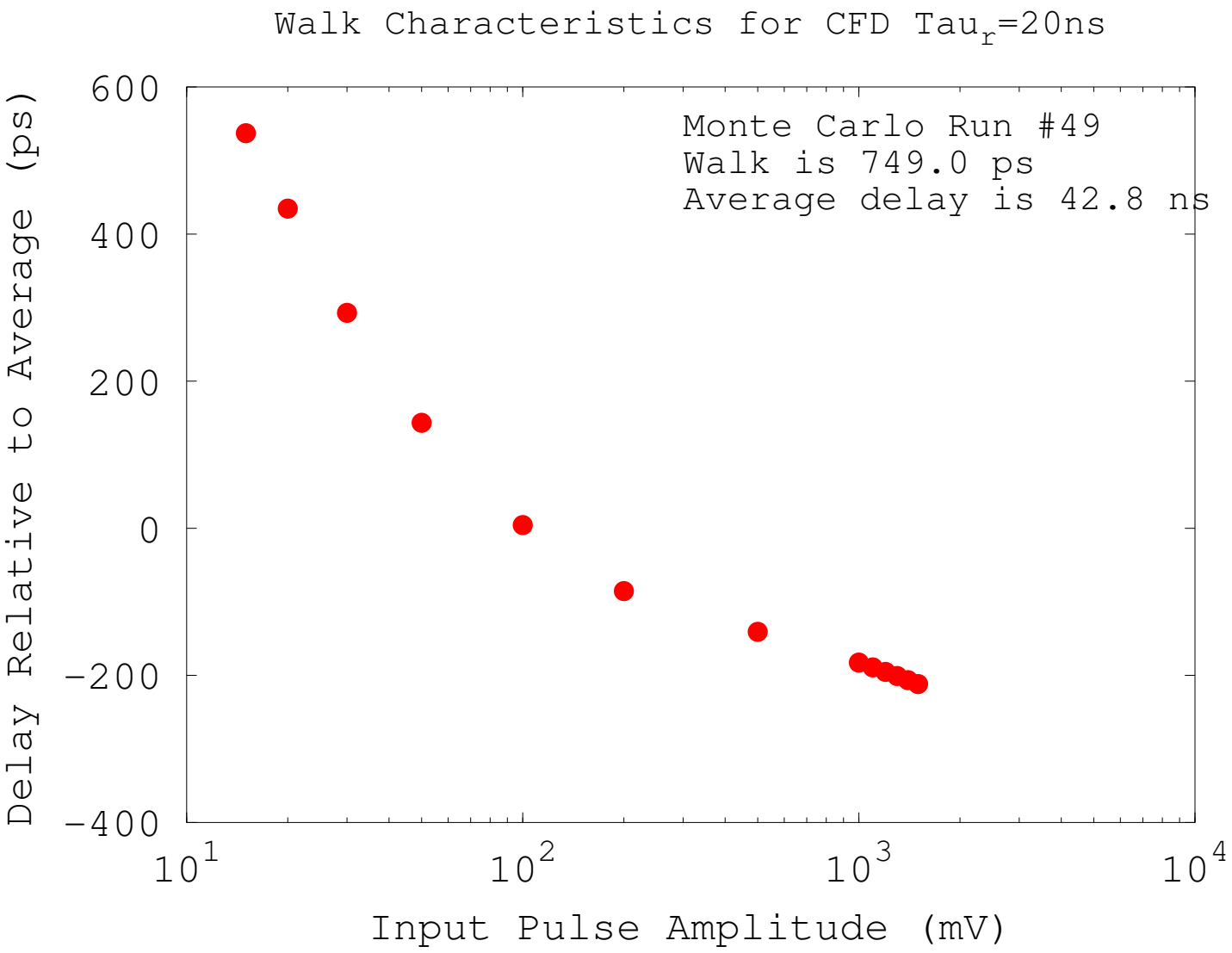

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #44
Walk is 706.8 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

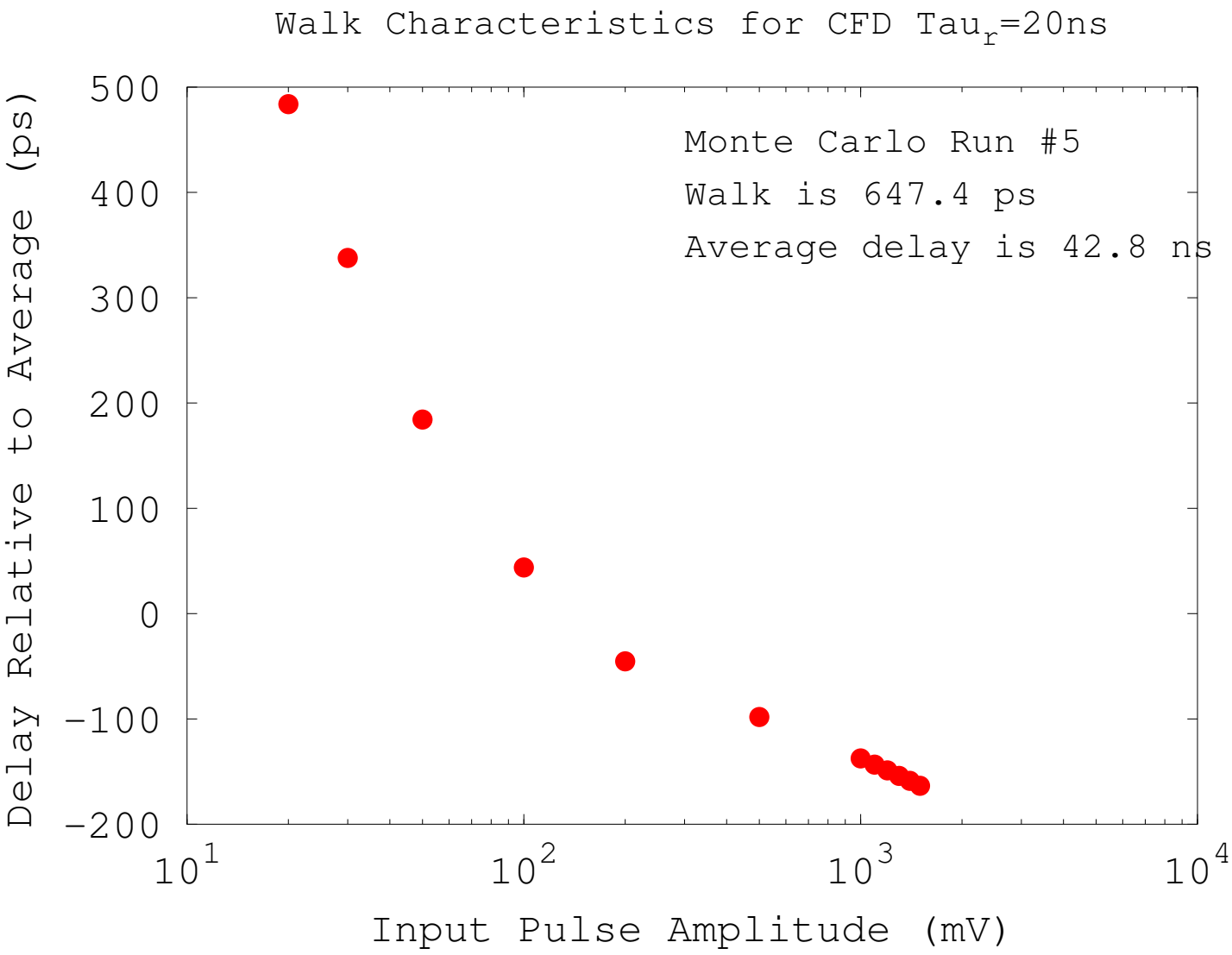

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #45
Walk is 764.3 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

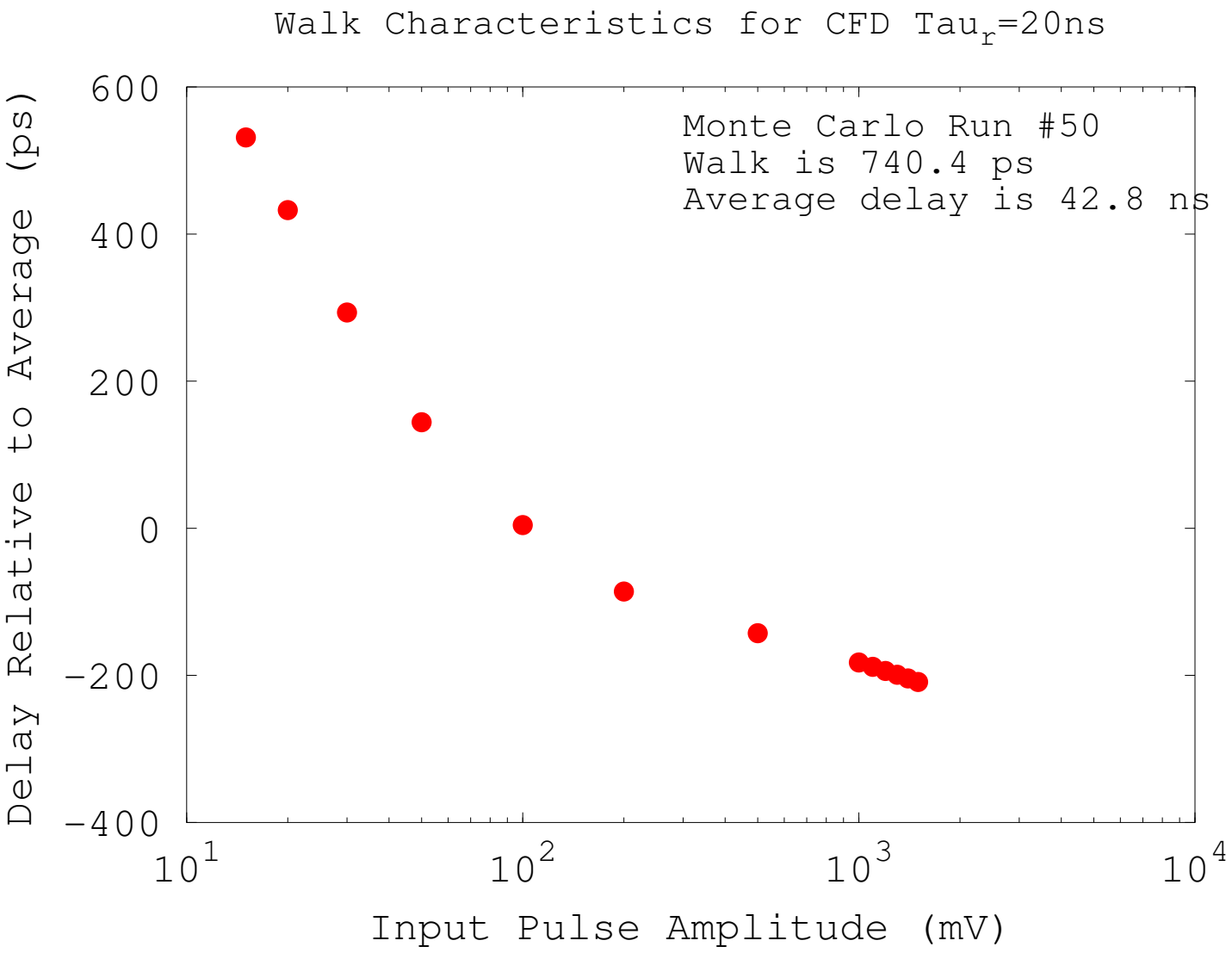

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #46
Walk is 655.6 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

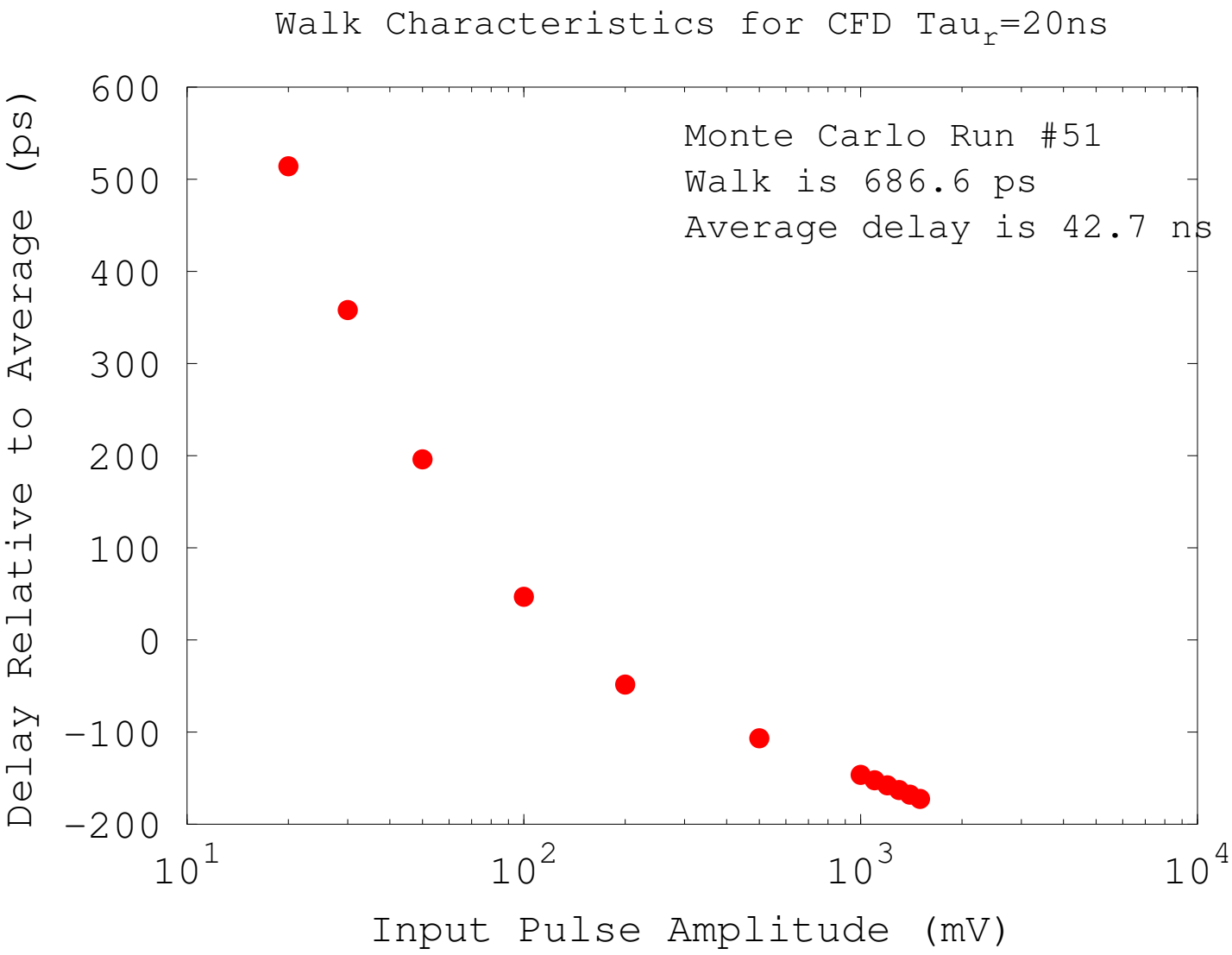

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #47
Walk is 744.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

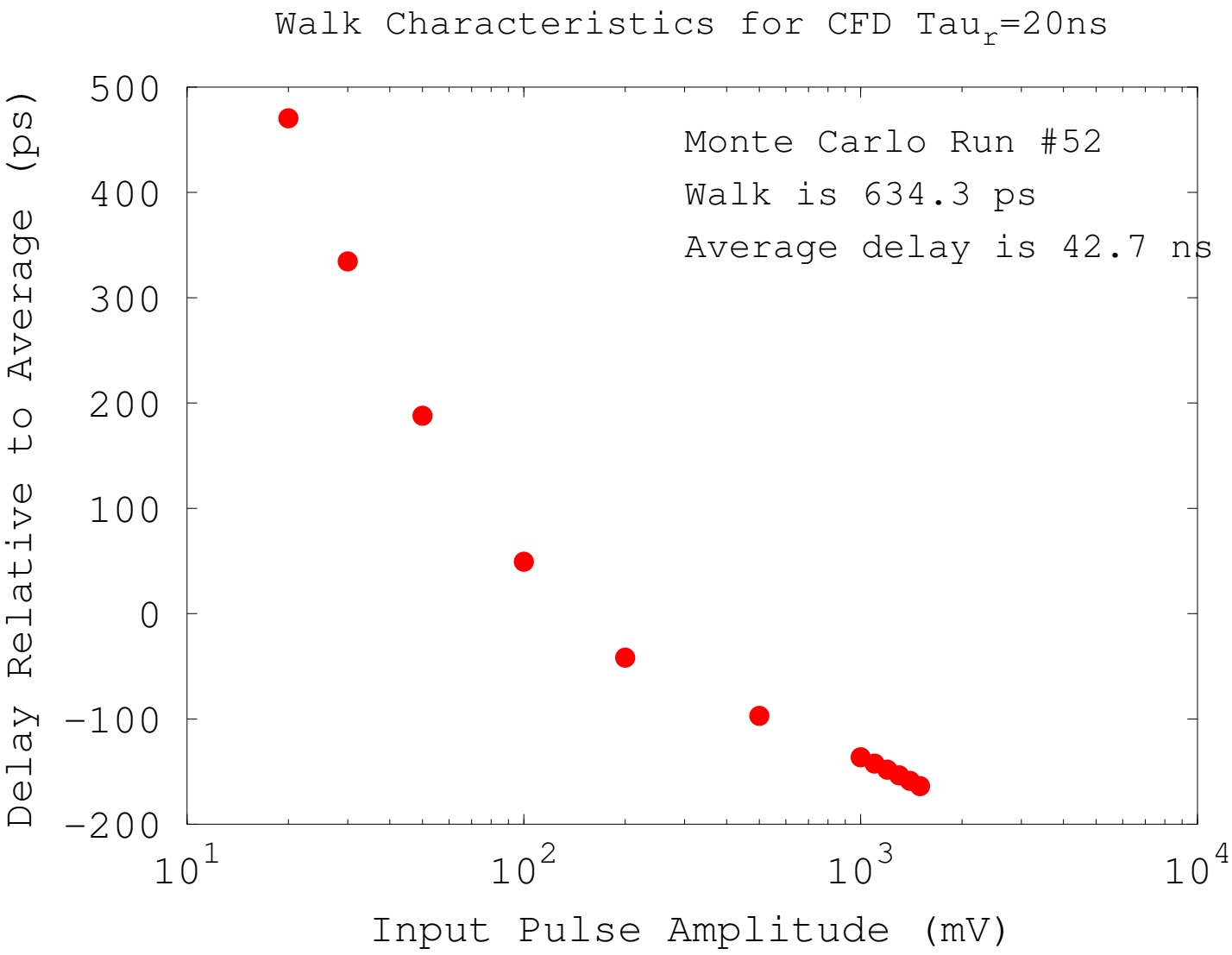

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #48
Walk is 728.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

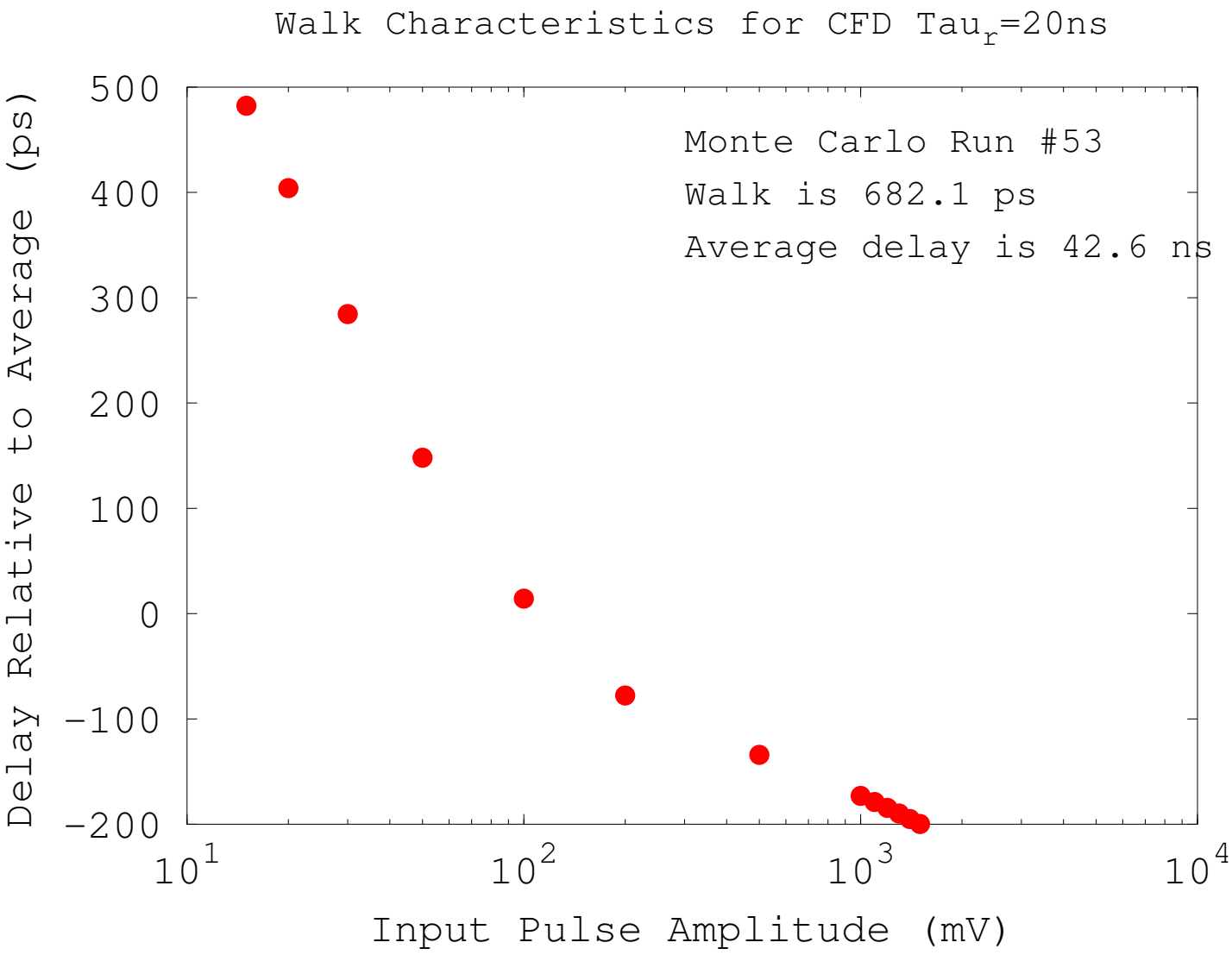

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #49
Walk is 749.0 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

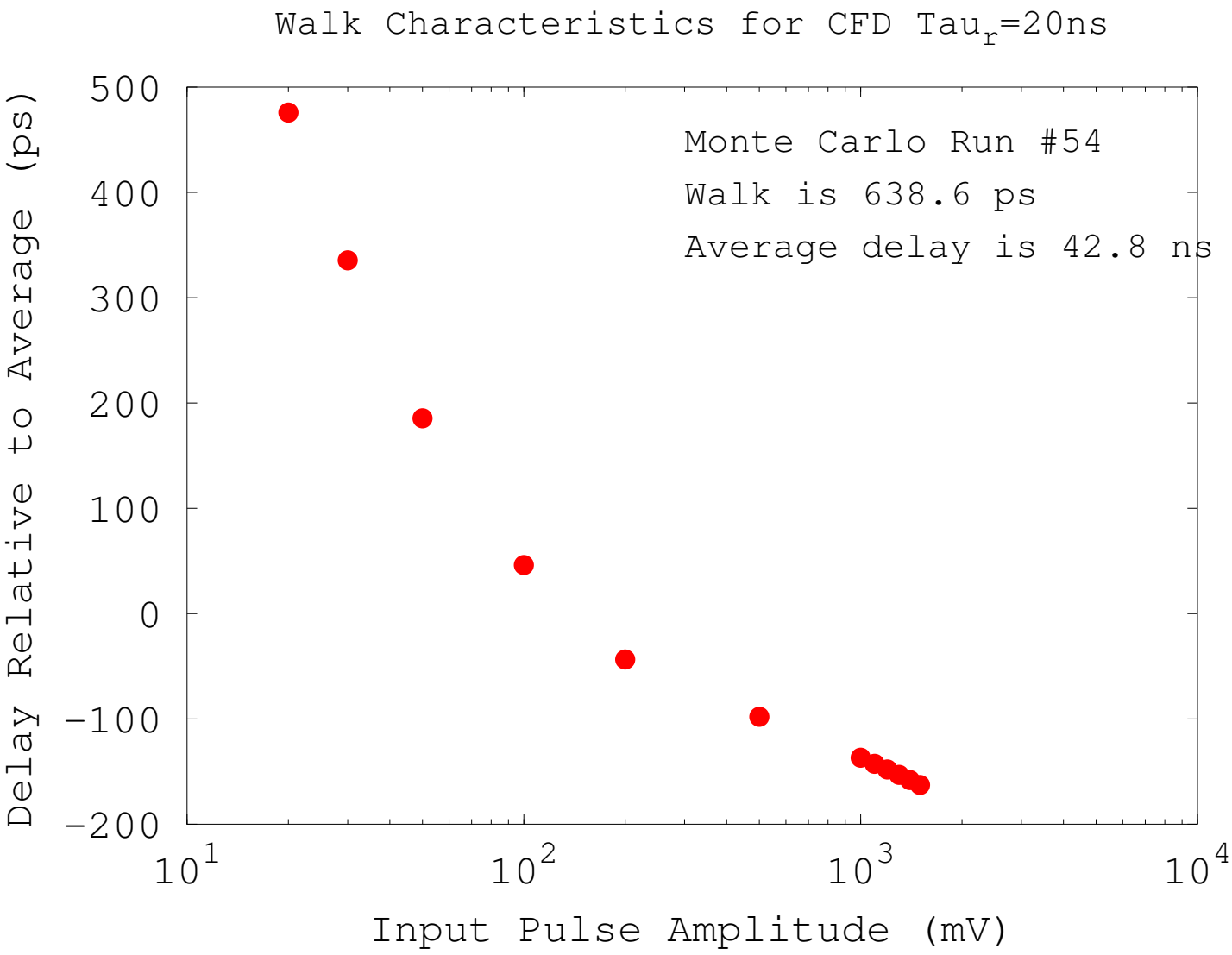

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #5
Walk is 647.4 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

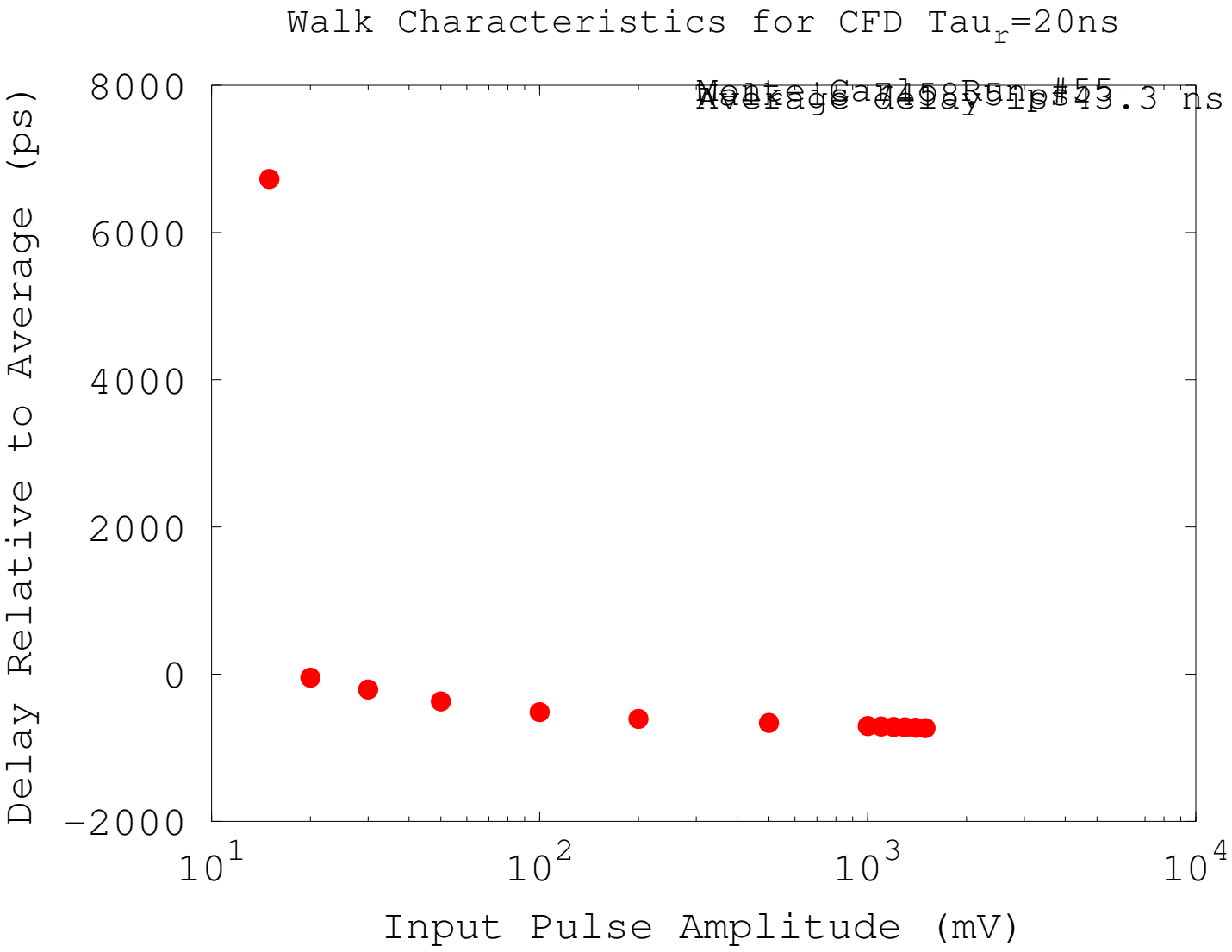

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #50
Walk is 740.4 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

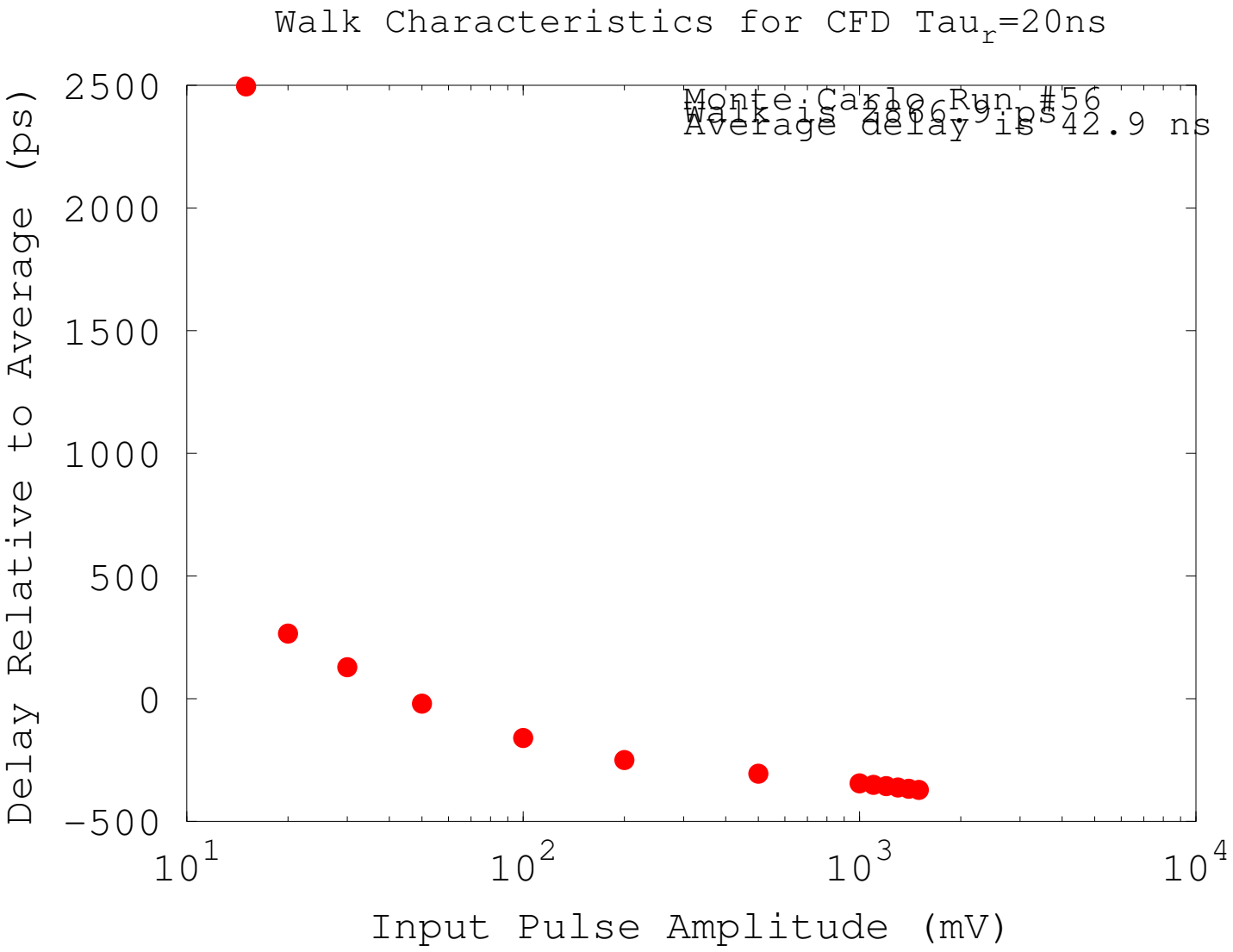

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #51
Walk is 686.6 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

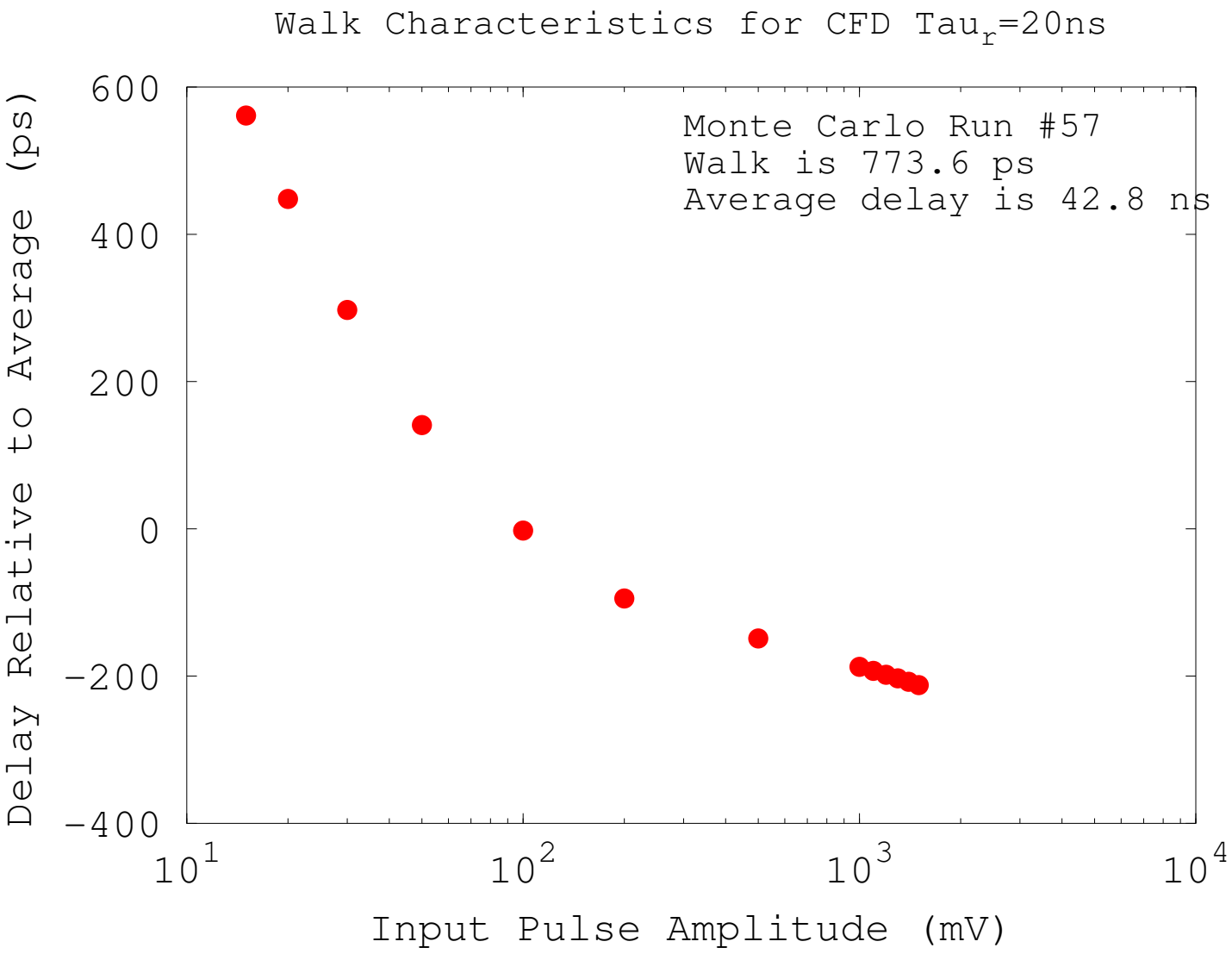

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #52
Walk is 634.3 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

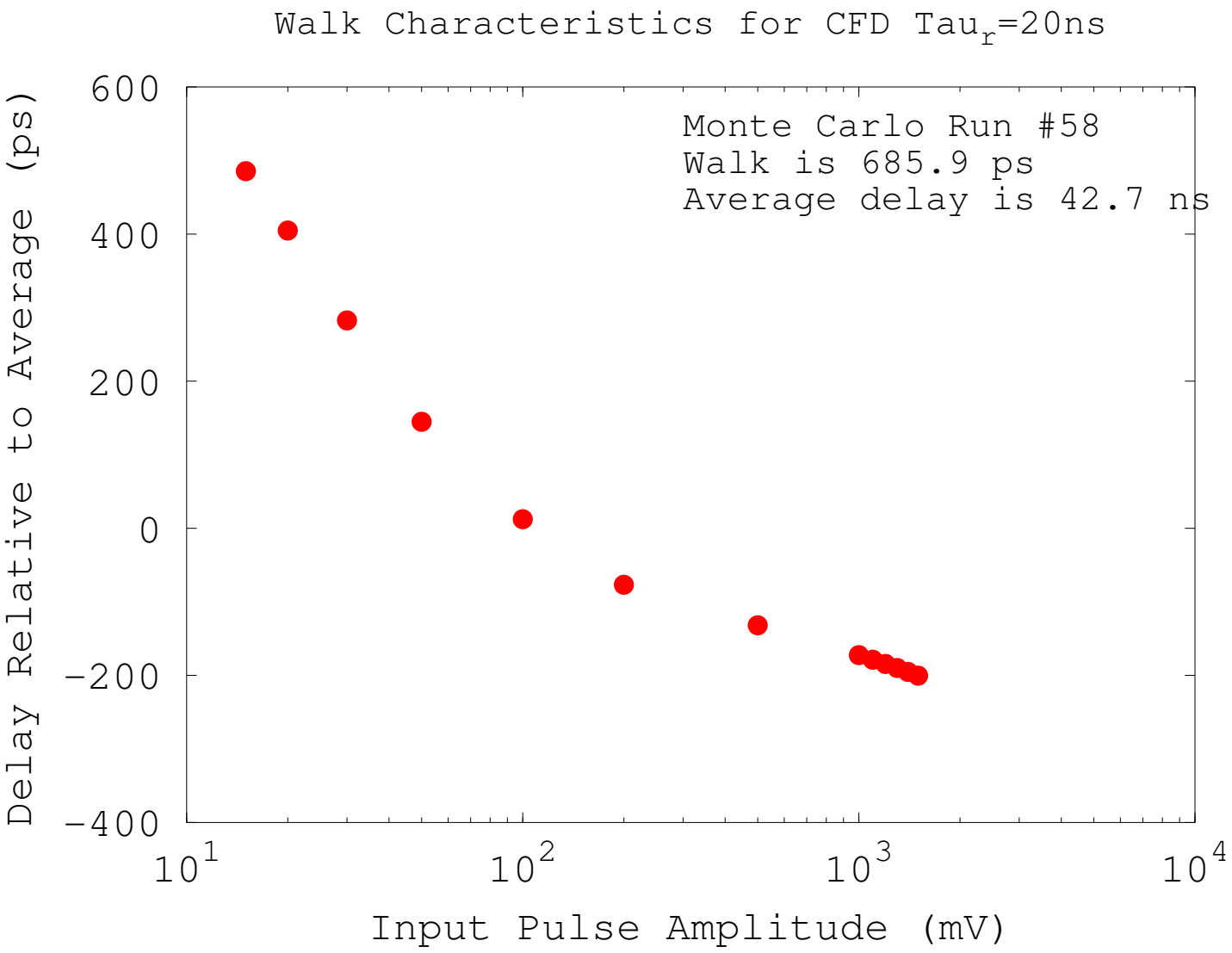

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #53
Walk is 682.1 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

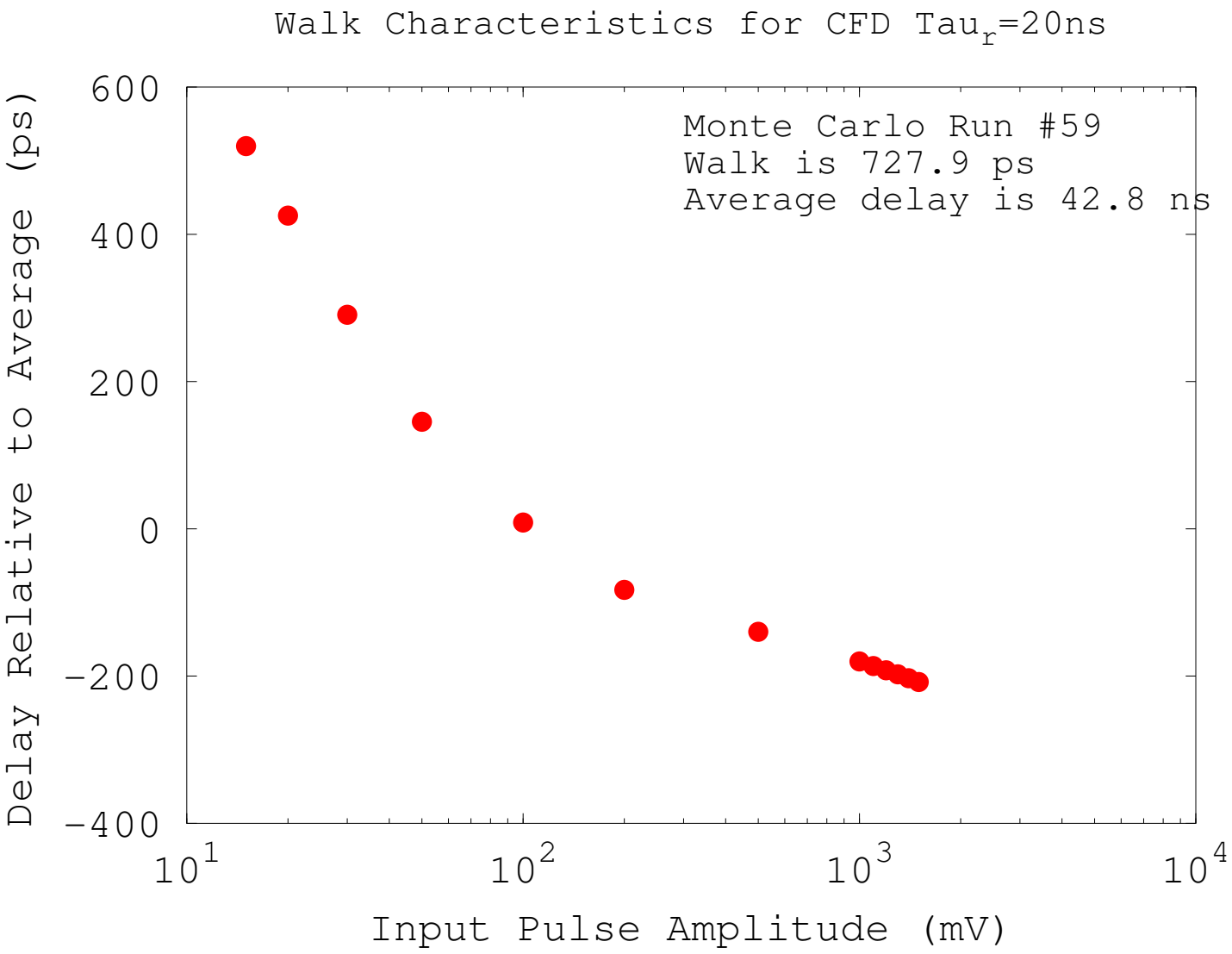

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #54
Walk is 638.6 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

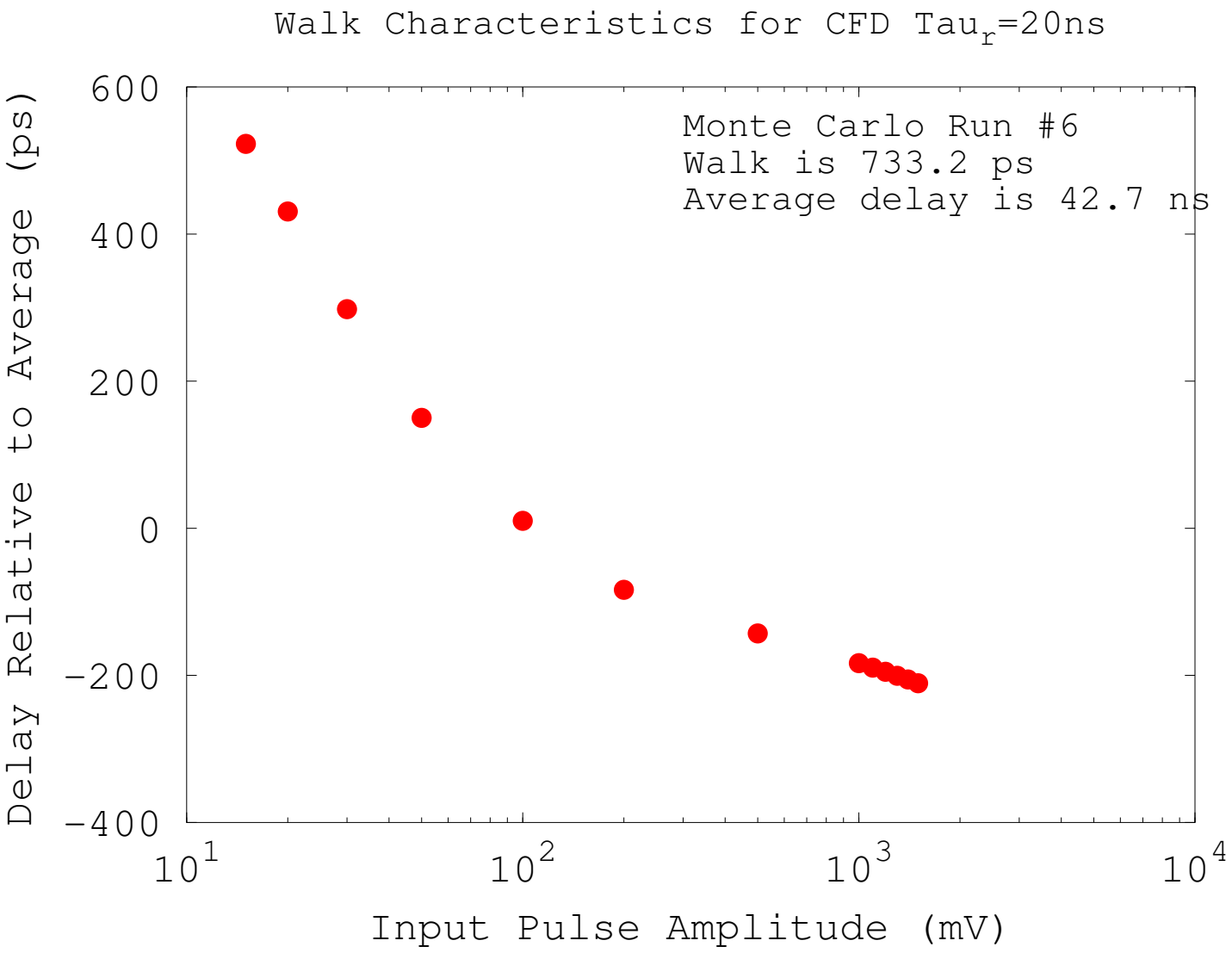

Walk Characteristics for CFD Tau$_r$=20ns
MonteCarlo Run #55
Average delay is 43.3 ns
Delay Relative to Average (ps)
8000
6000
4000
2000
0
-2000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

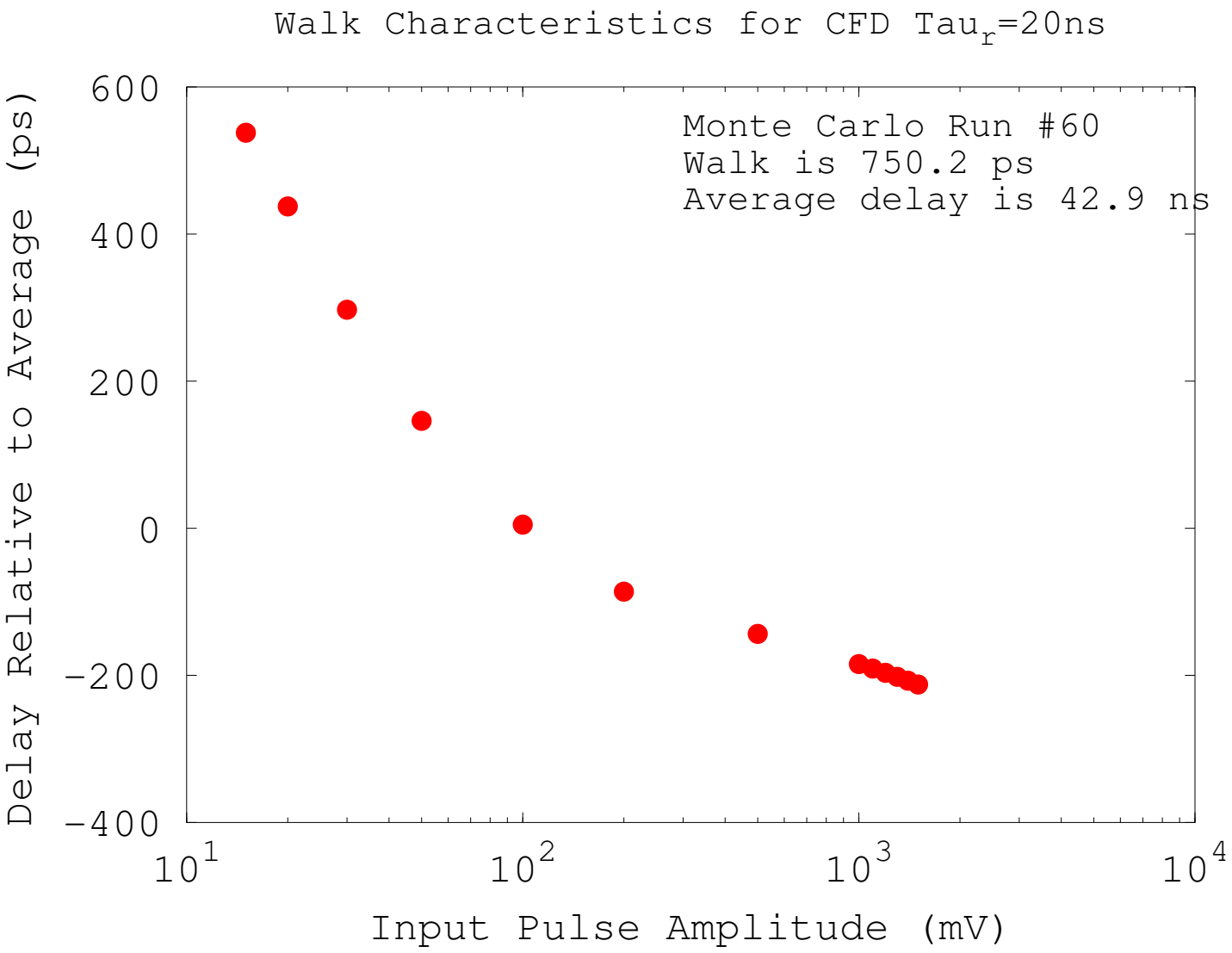

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #56
Walk is 2206.9 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
2500
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

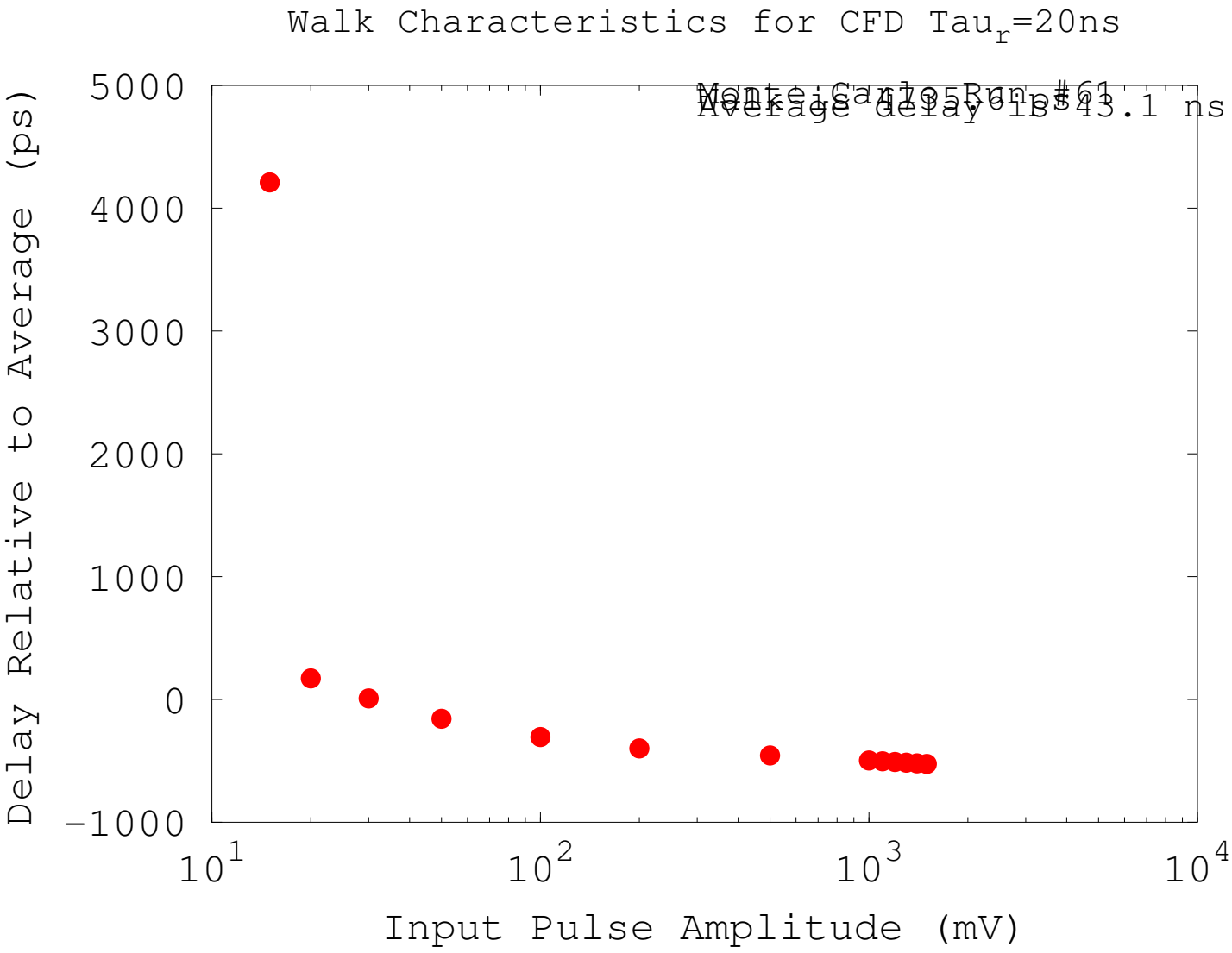

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #57
Walk is 773.6 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

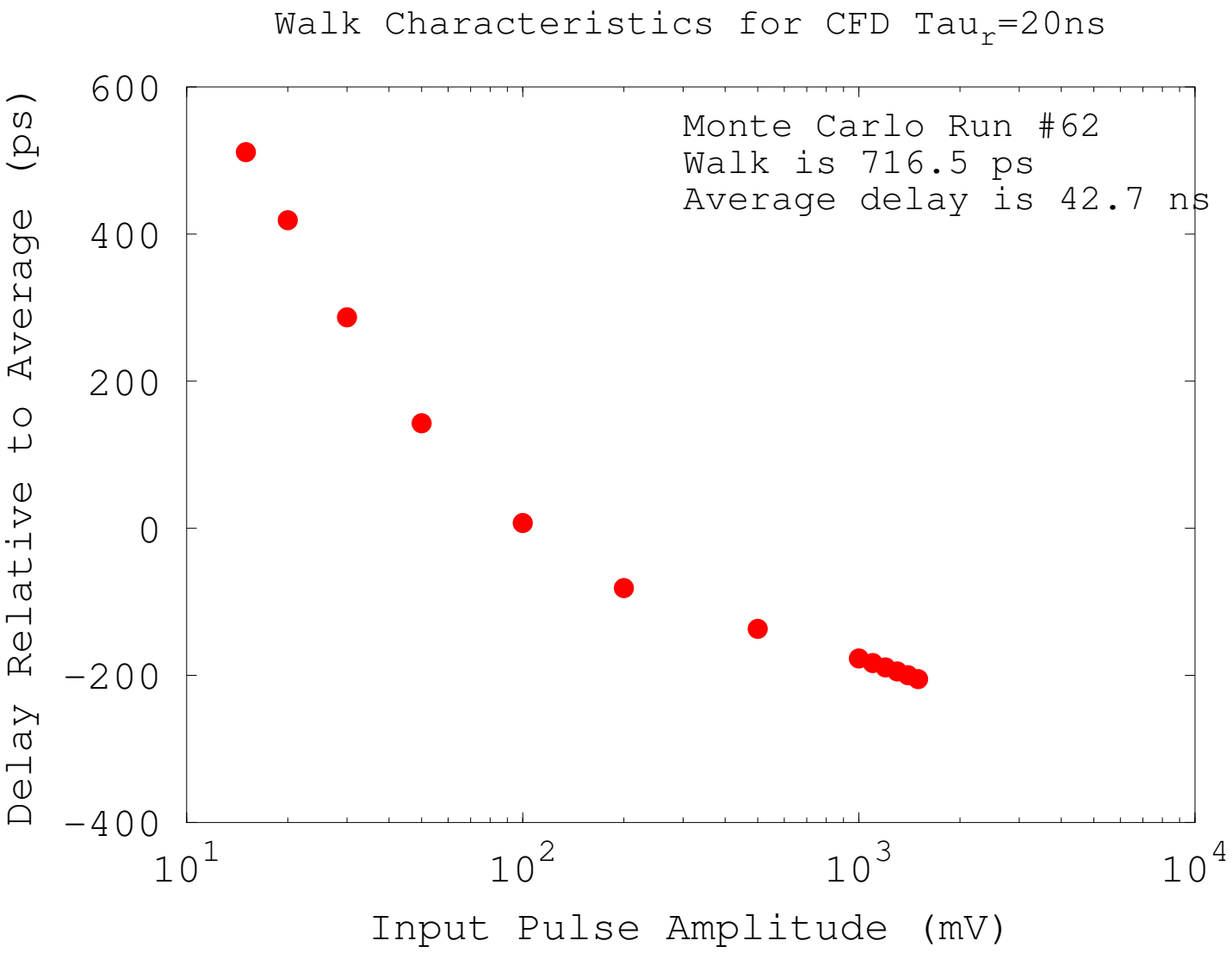

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #58
Walk is 685.9 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

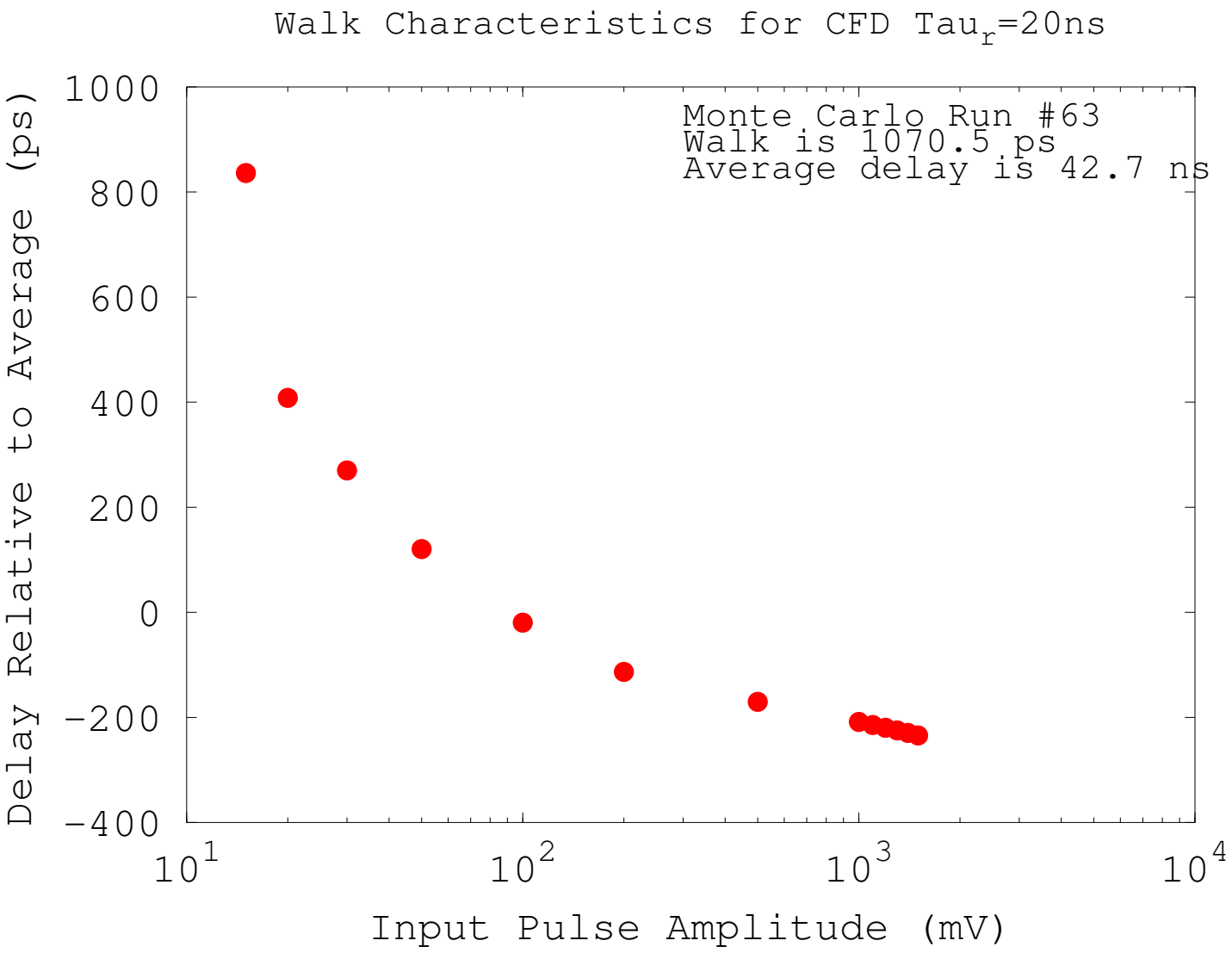

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #59
Walk is 727.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

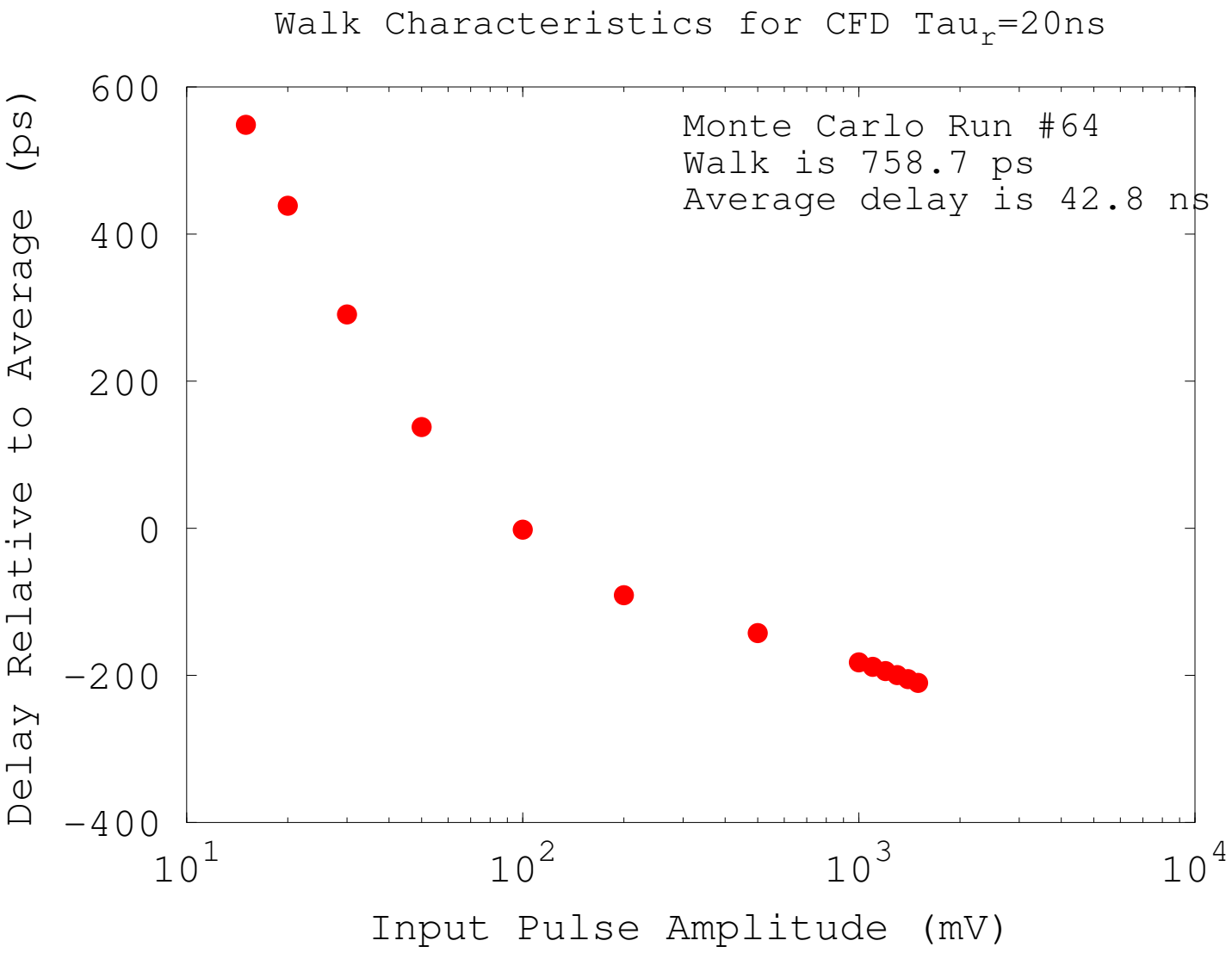

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #6
Walk is 733.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

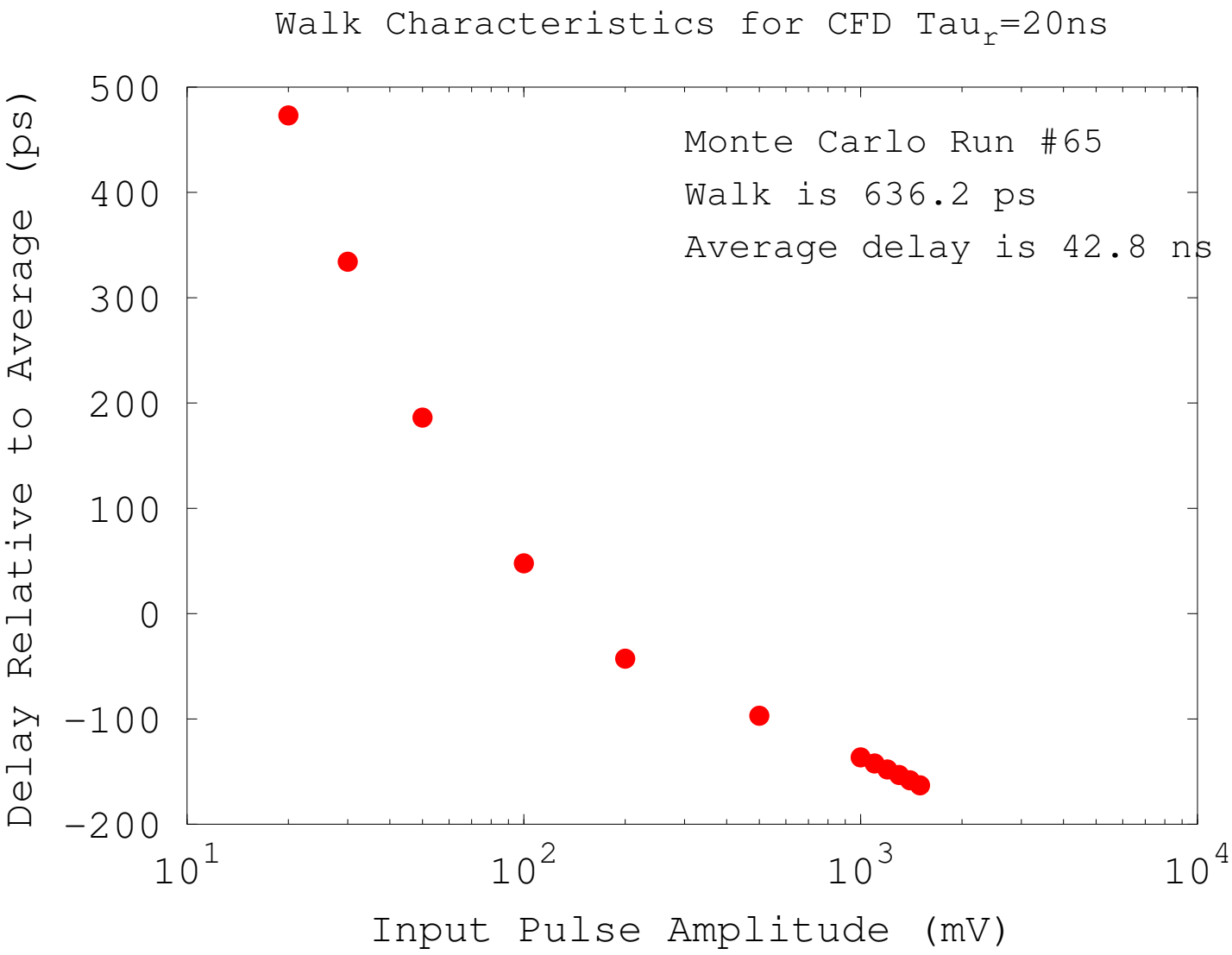

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #60
Walk is 750.2 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

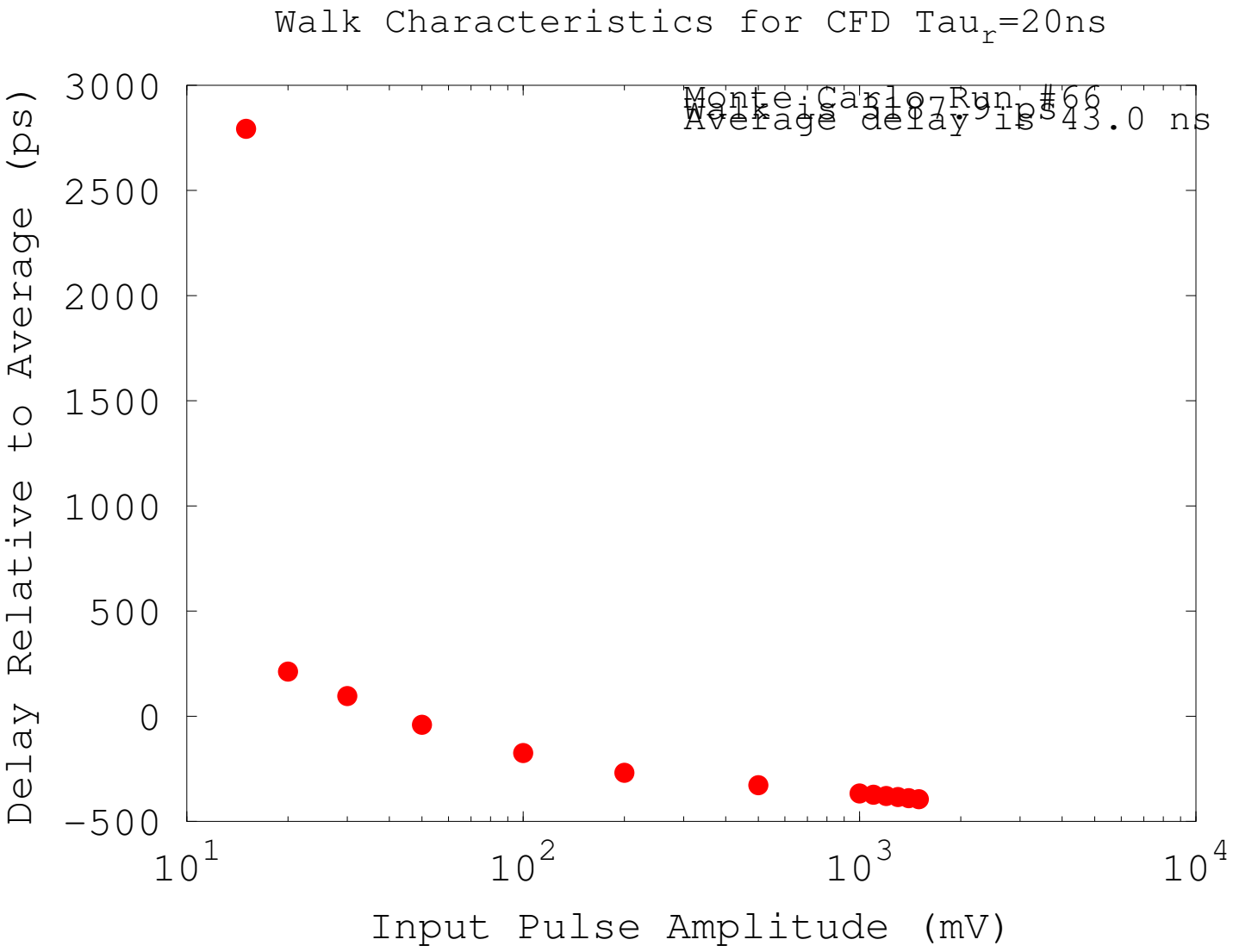

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #61
Average delay is 43.1 ns
Delay Relative to Average (ps)
5000
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

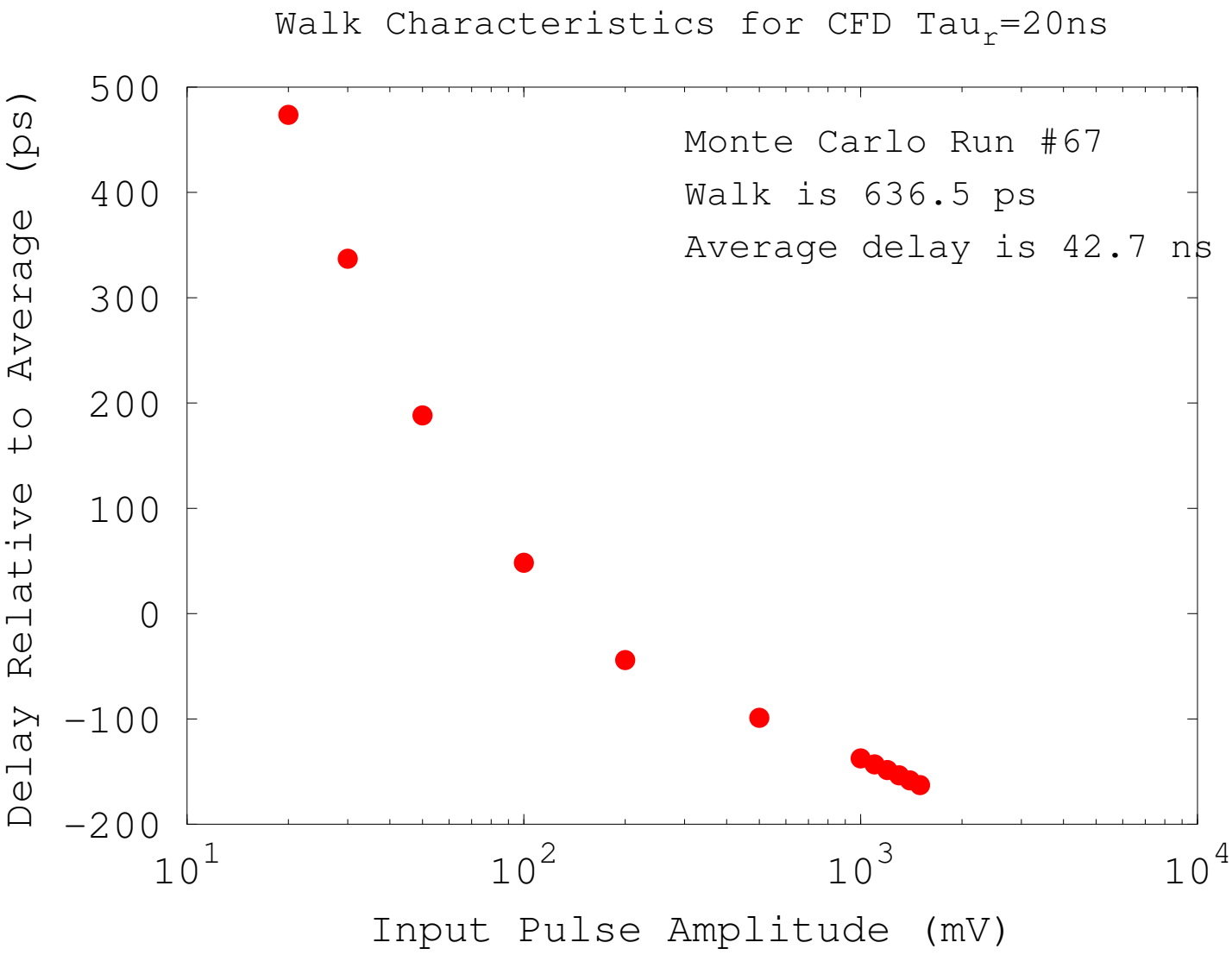

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #62
Walk is 716.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

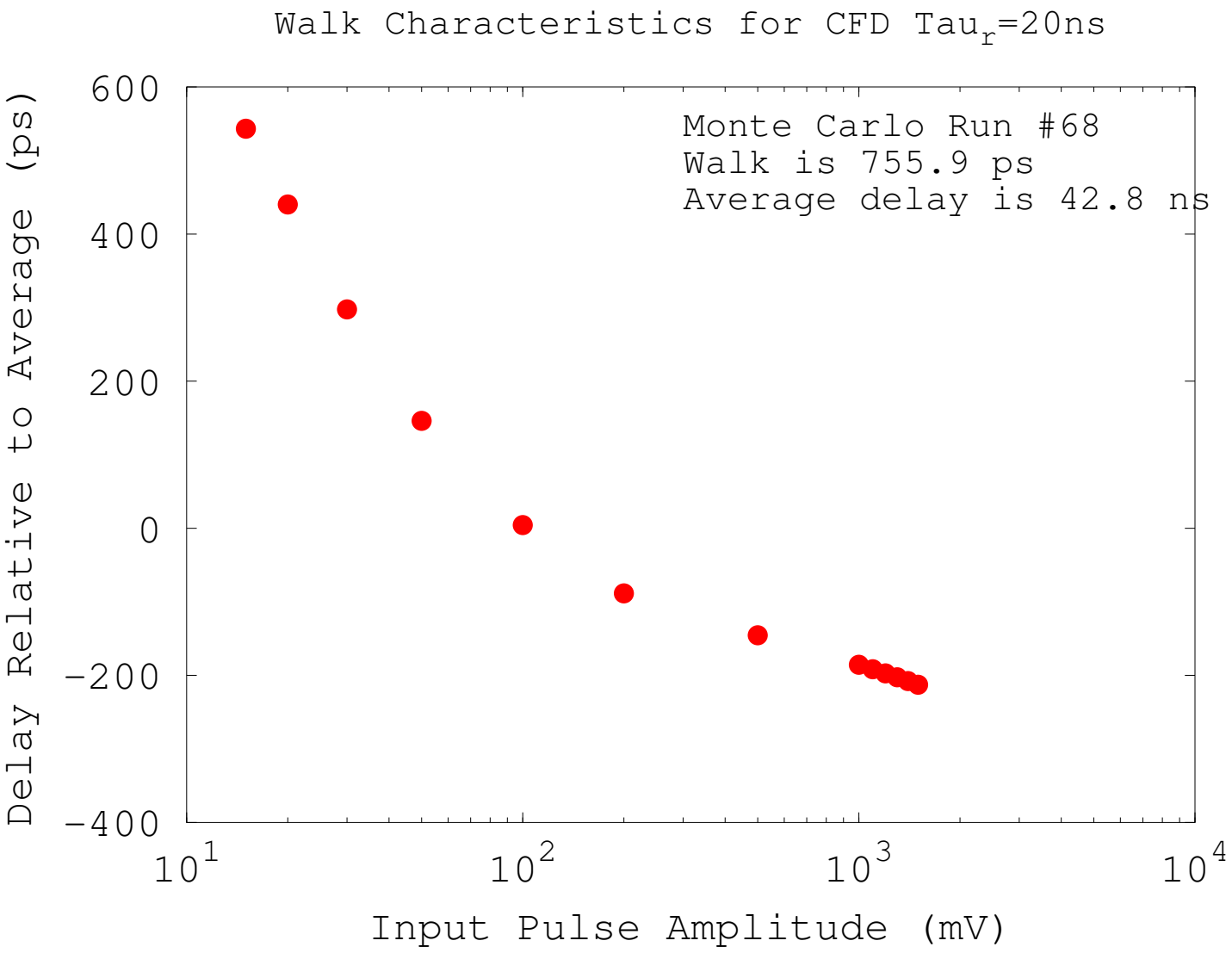

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #63
Walk is 1070.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
1000
800
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

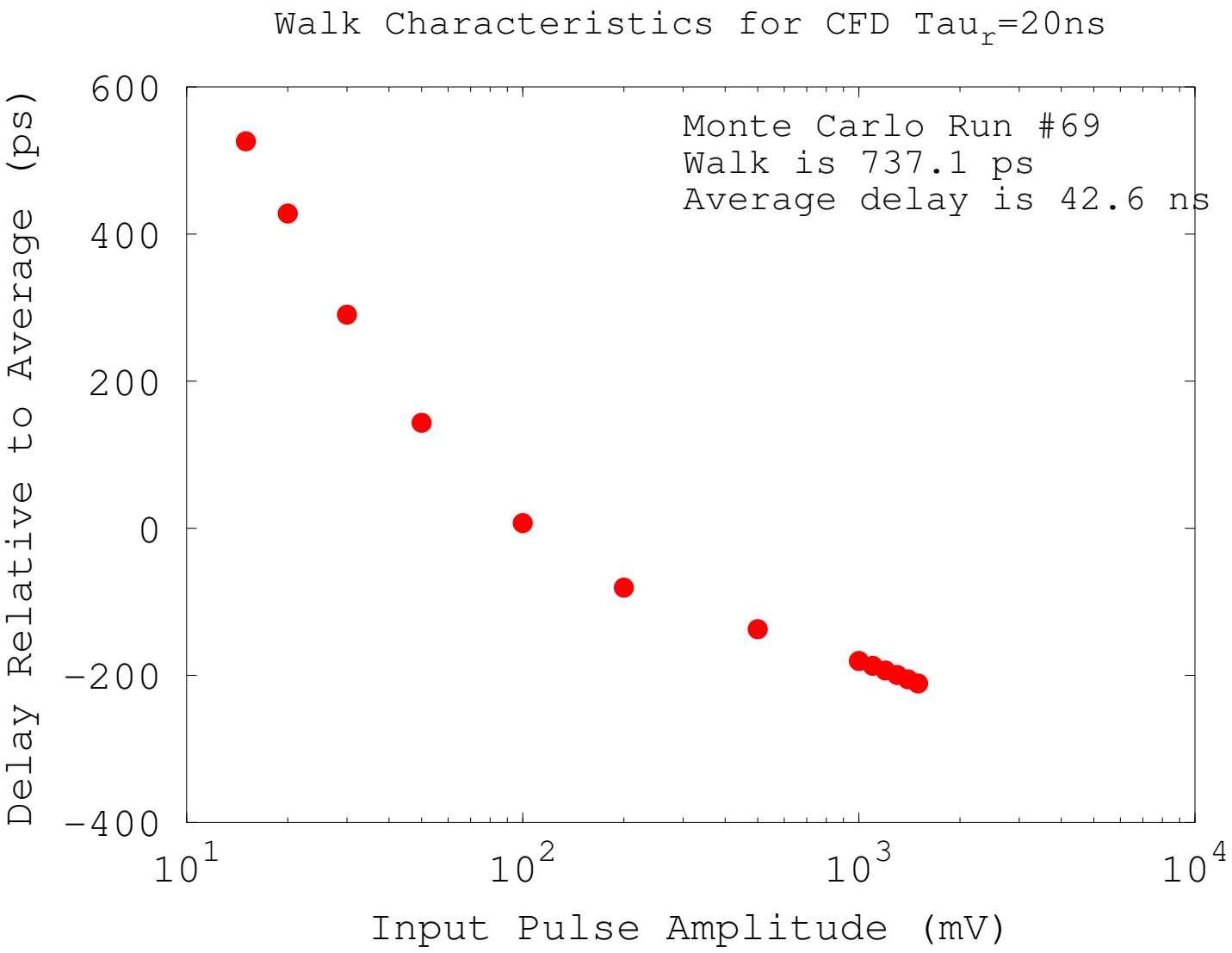

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #64
Walk is 758.7 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

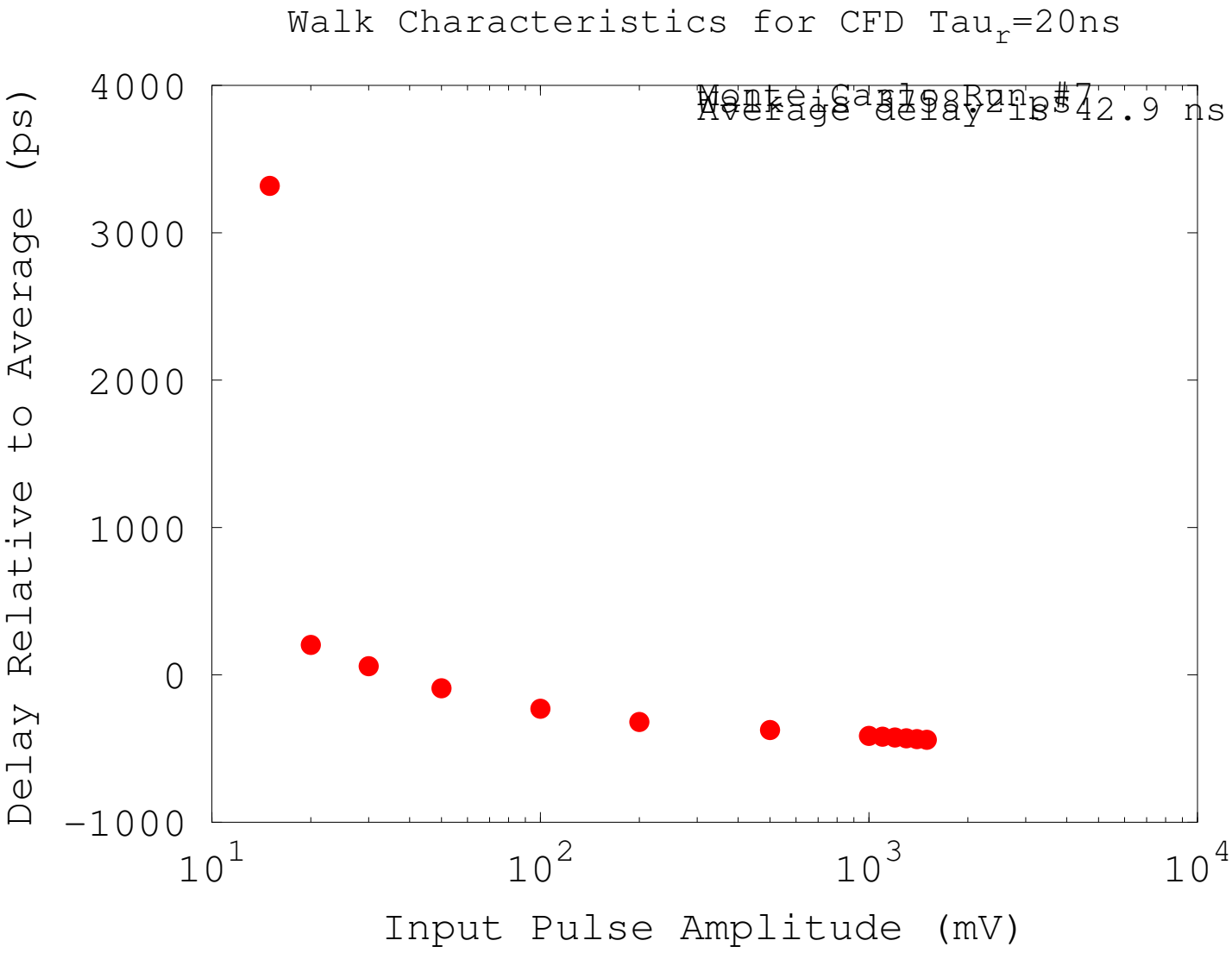

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #65
Walk is 636.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

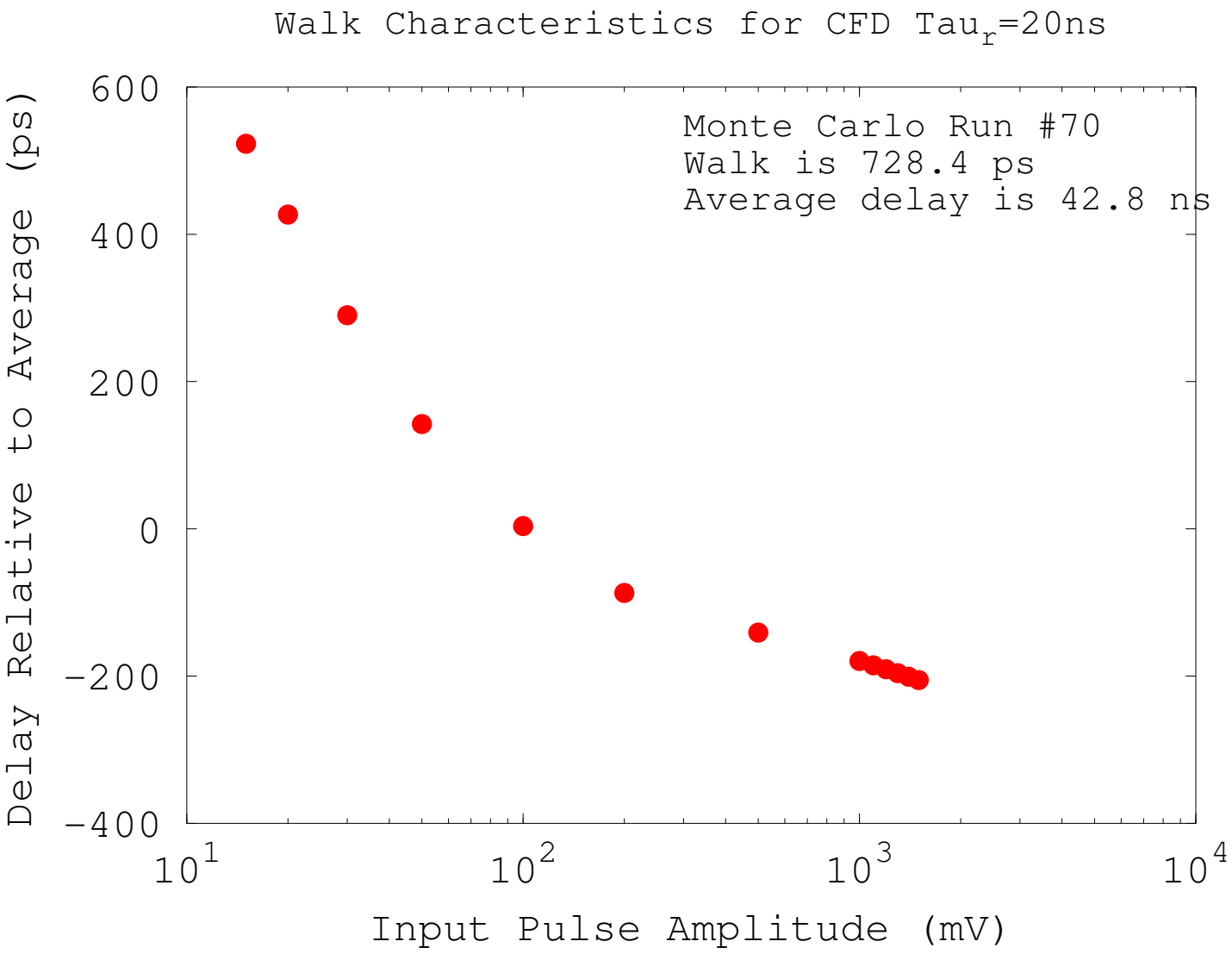

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #66
Walk is 2879 ps
Average delay is 43.0 ns
Delay Relative to Average (ps)
3000
2500
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

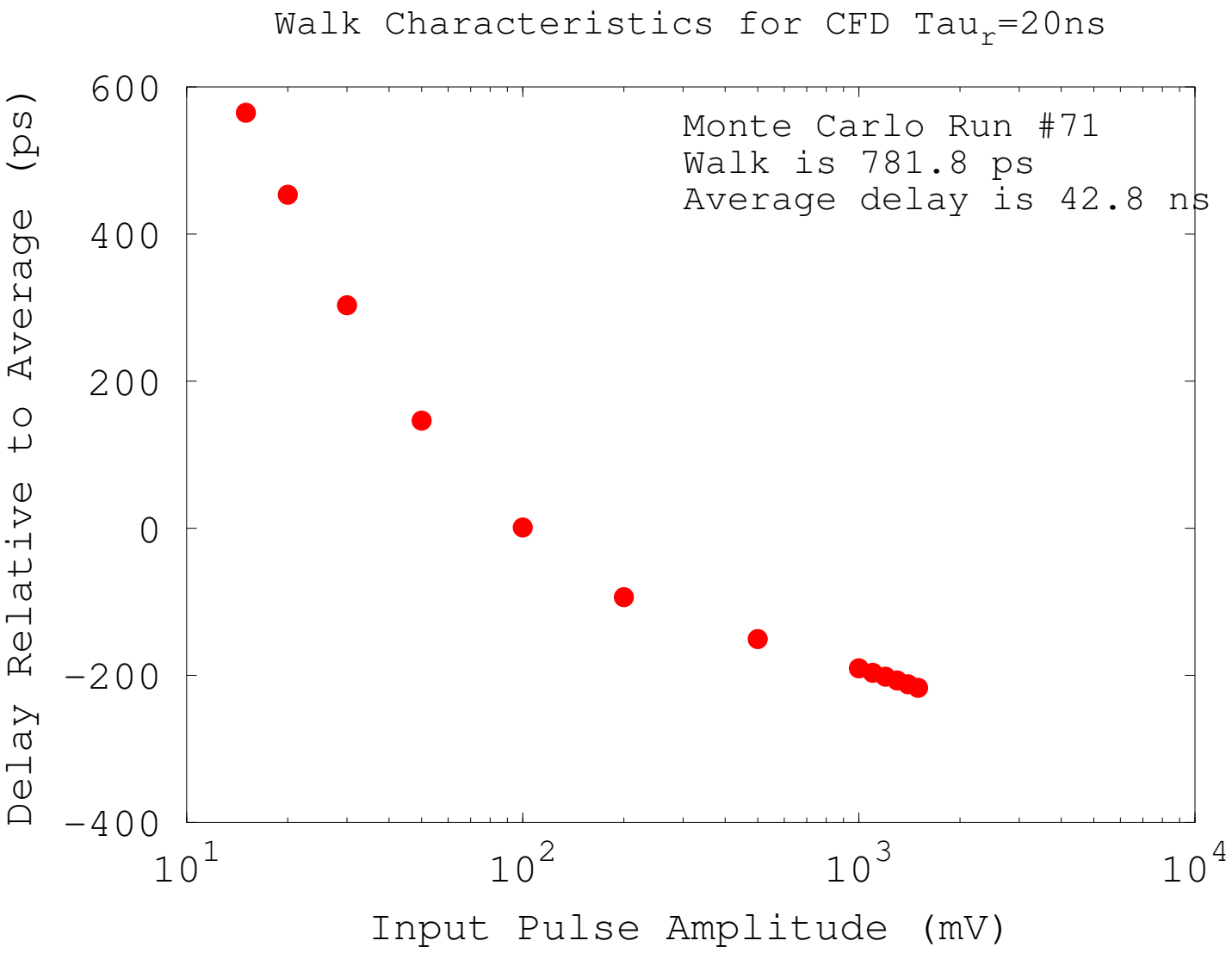

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #67
Walk is 636.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

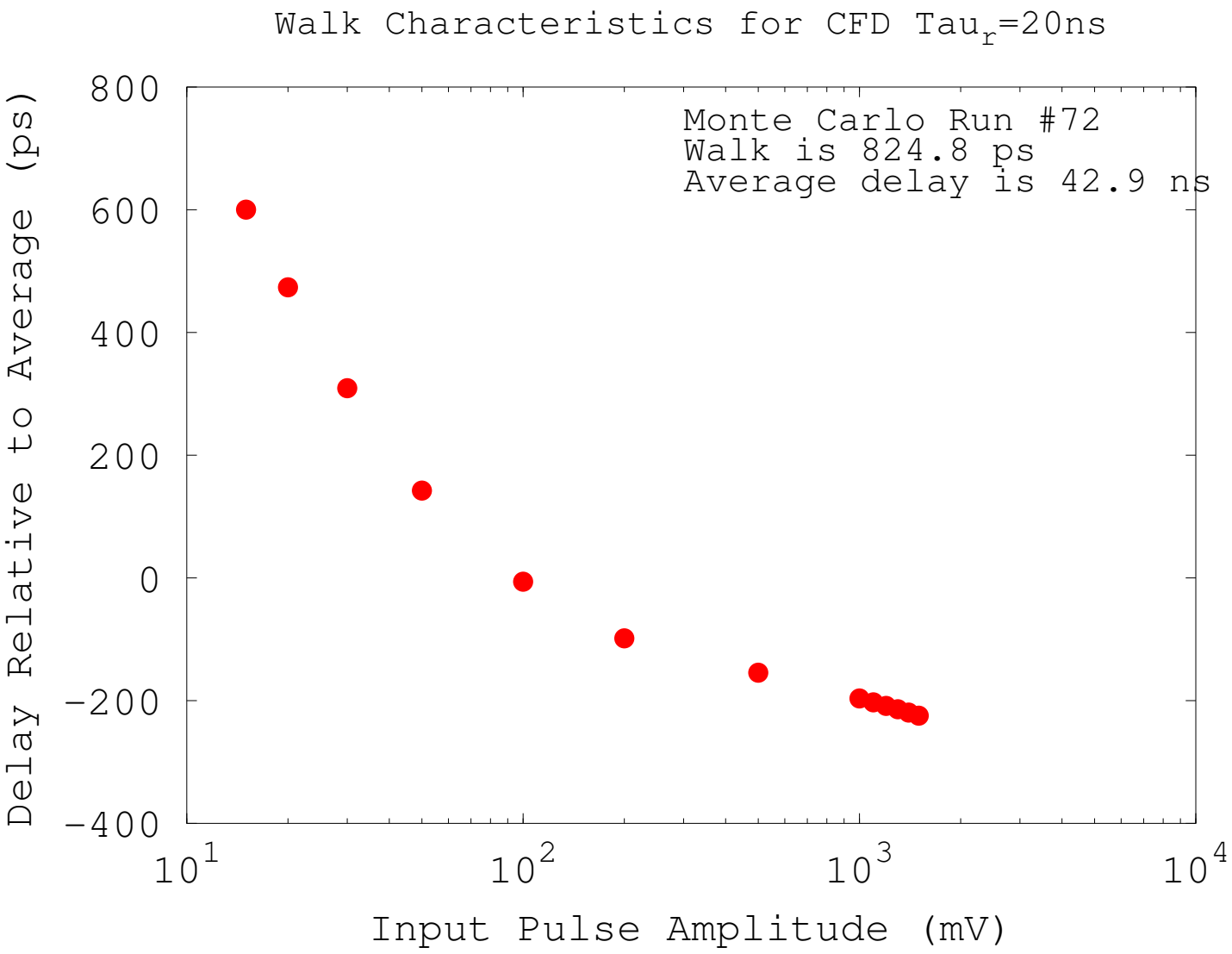

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #68
Walk is 755.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

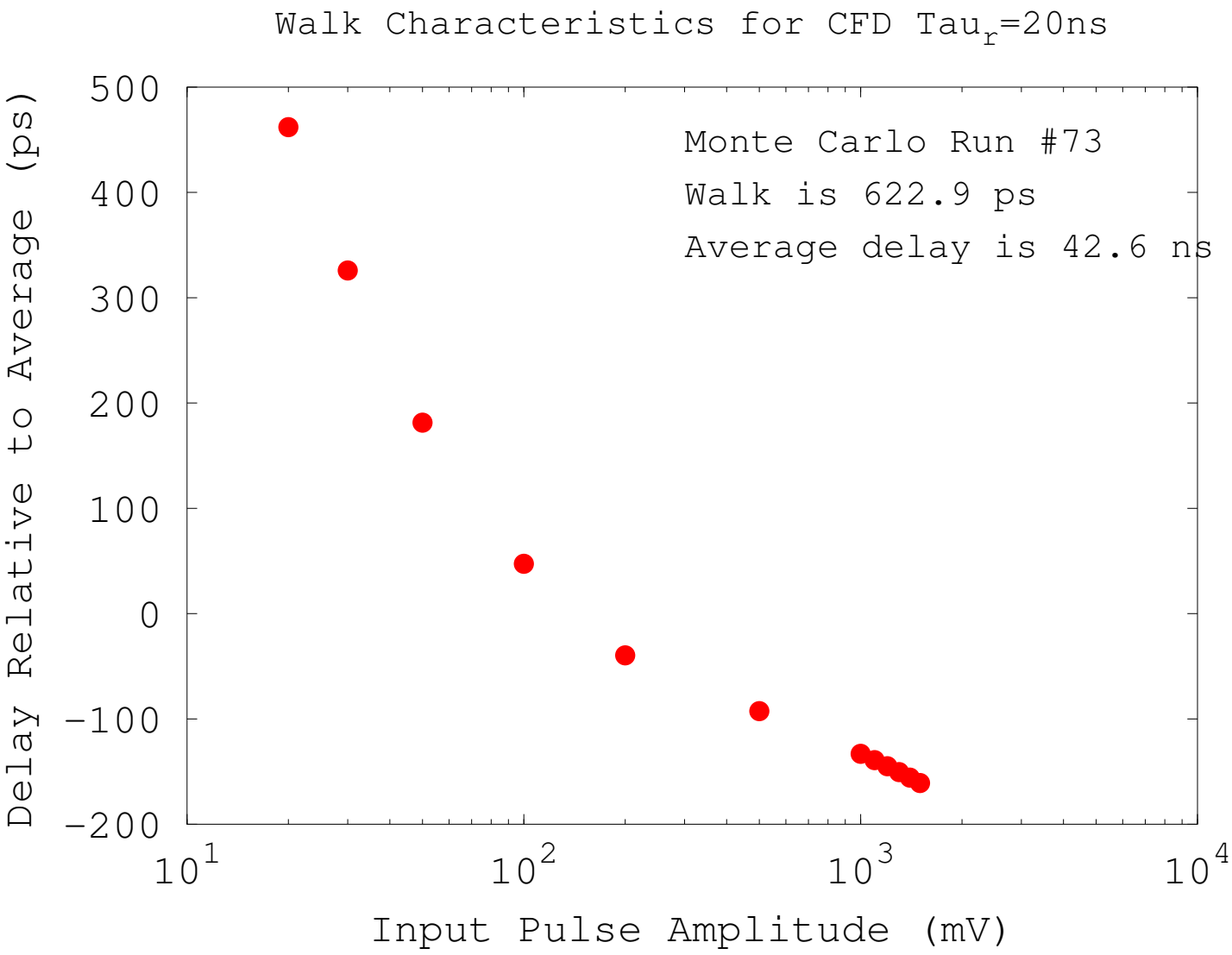

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #69
Walk is 737.1 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

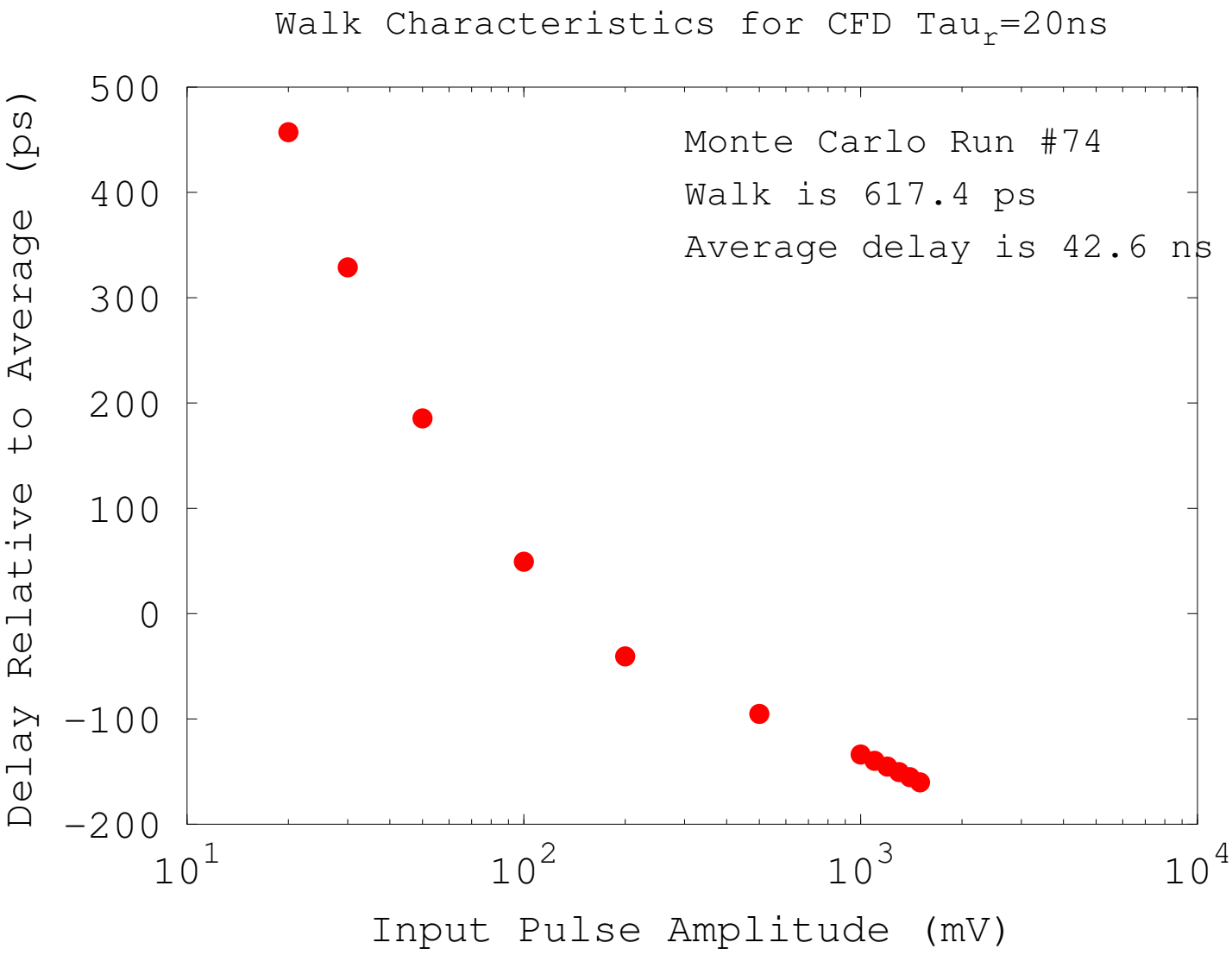

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #7
Average delay is 42.9 ns
Delay Relative to Average (ps)
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

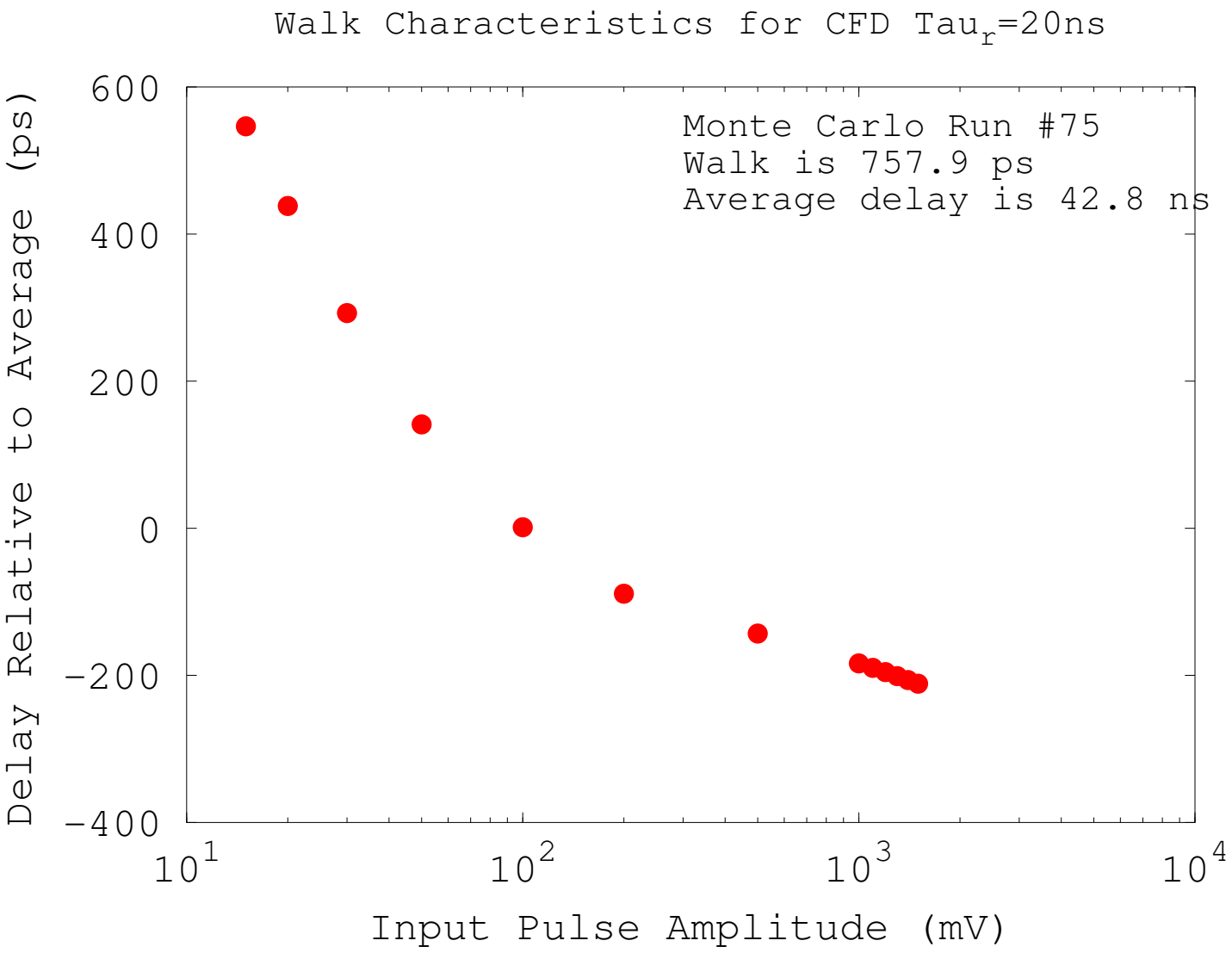

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #70
Walk is 728.4 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

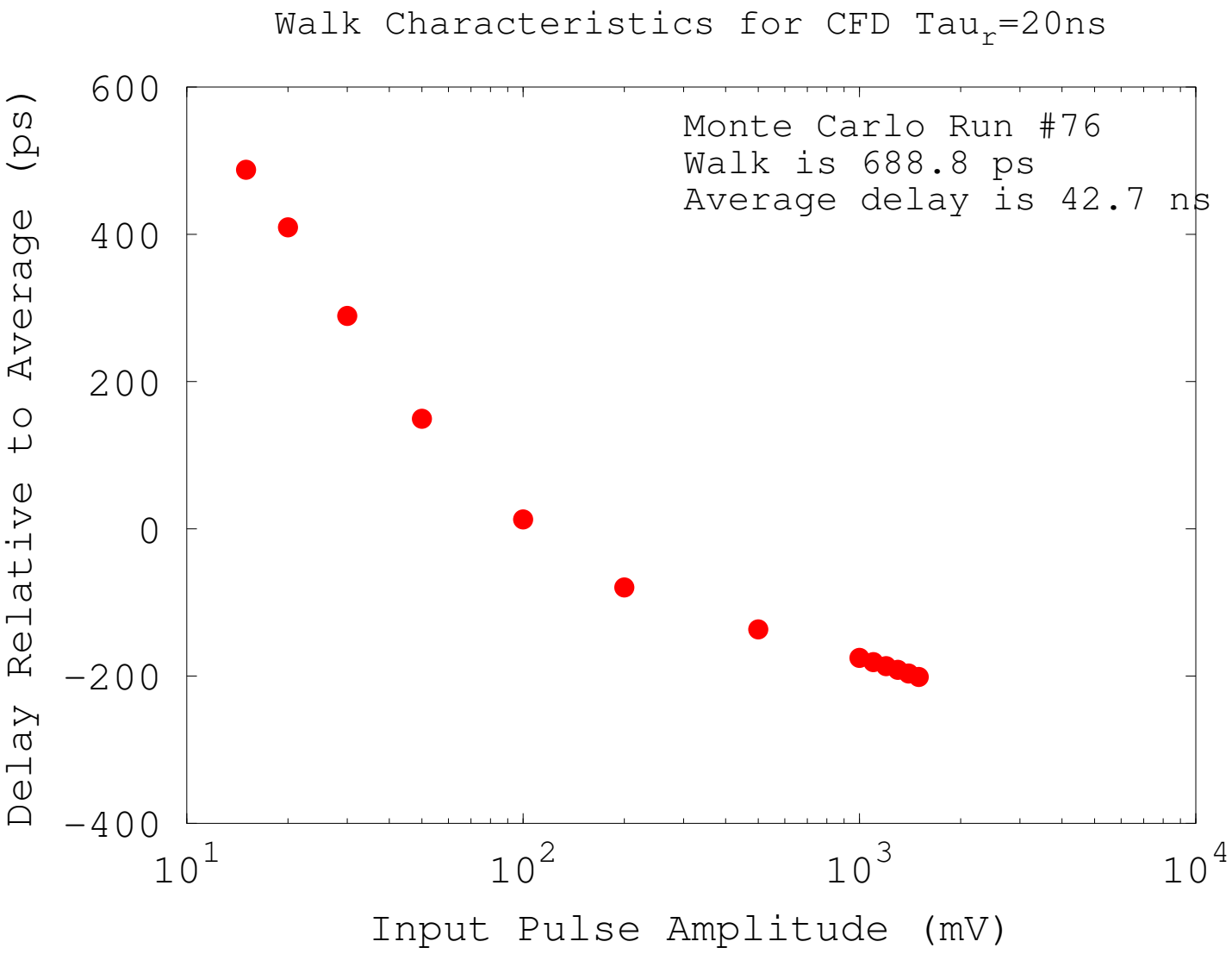

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #71
Walk is 781.8 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

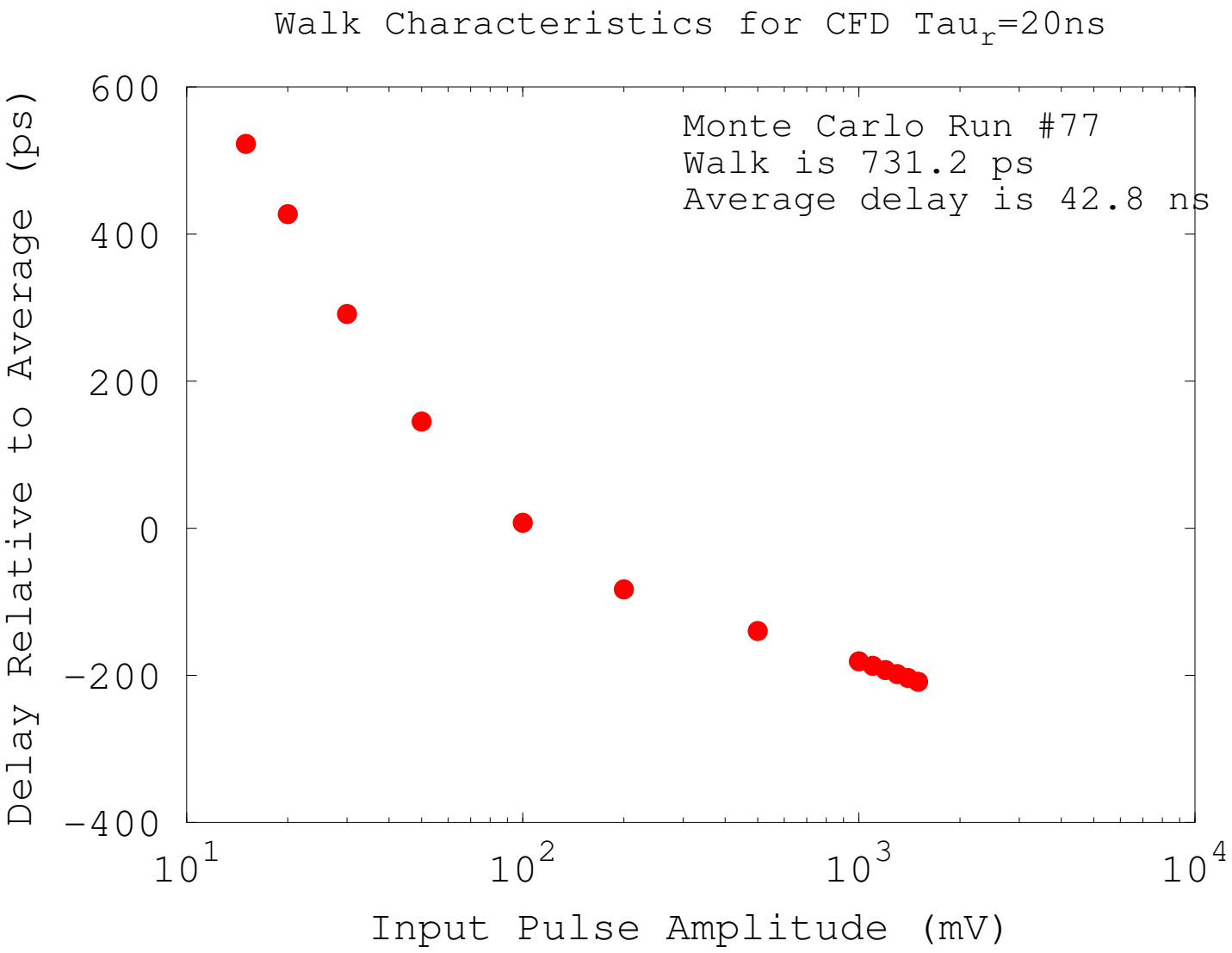

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #72
Walk is 824.8 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
800
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

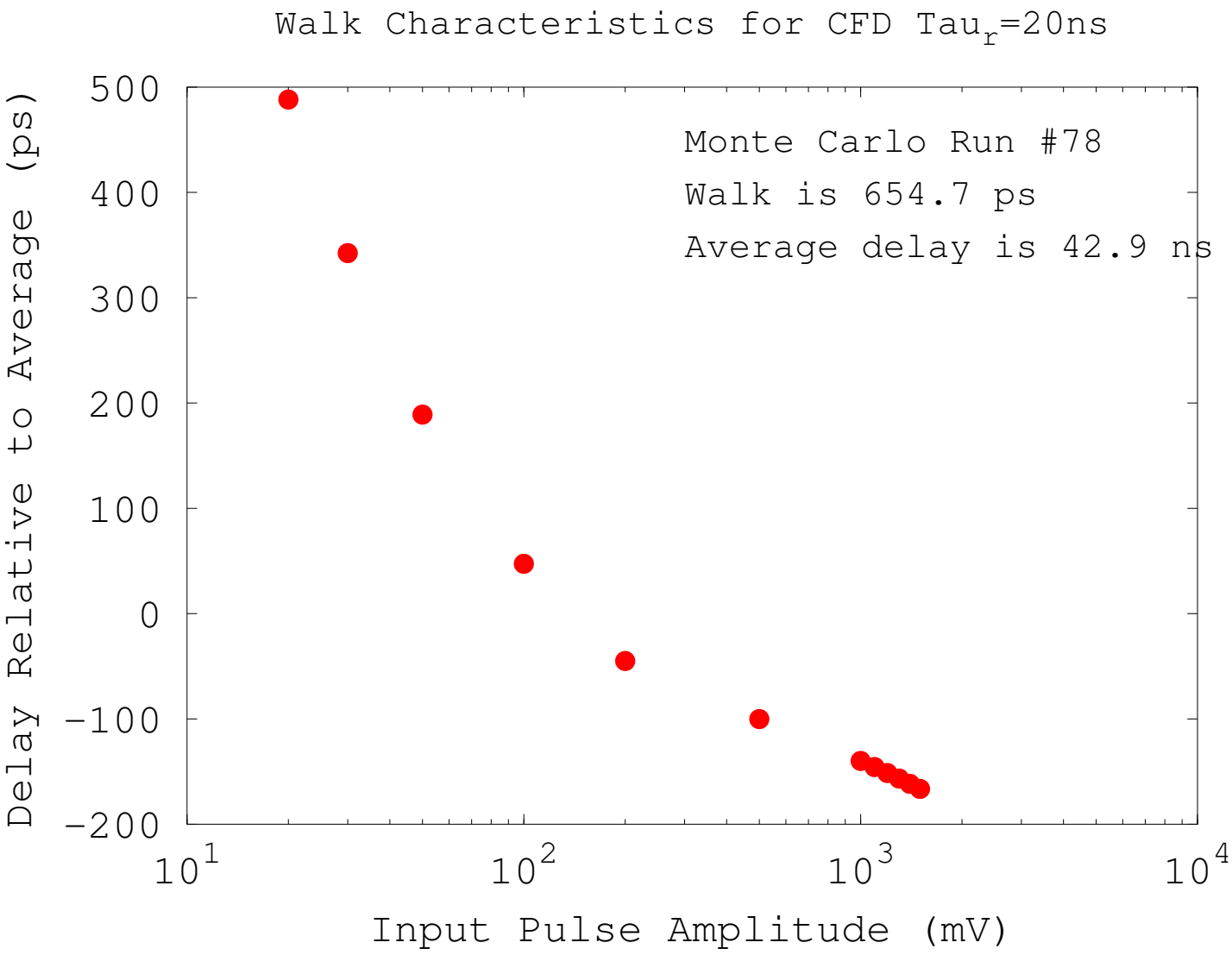

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #73
Walk is 622.9 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

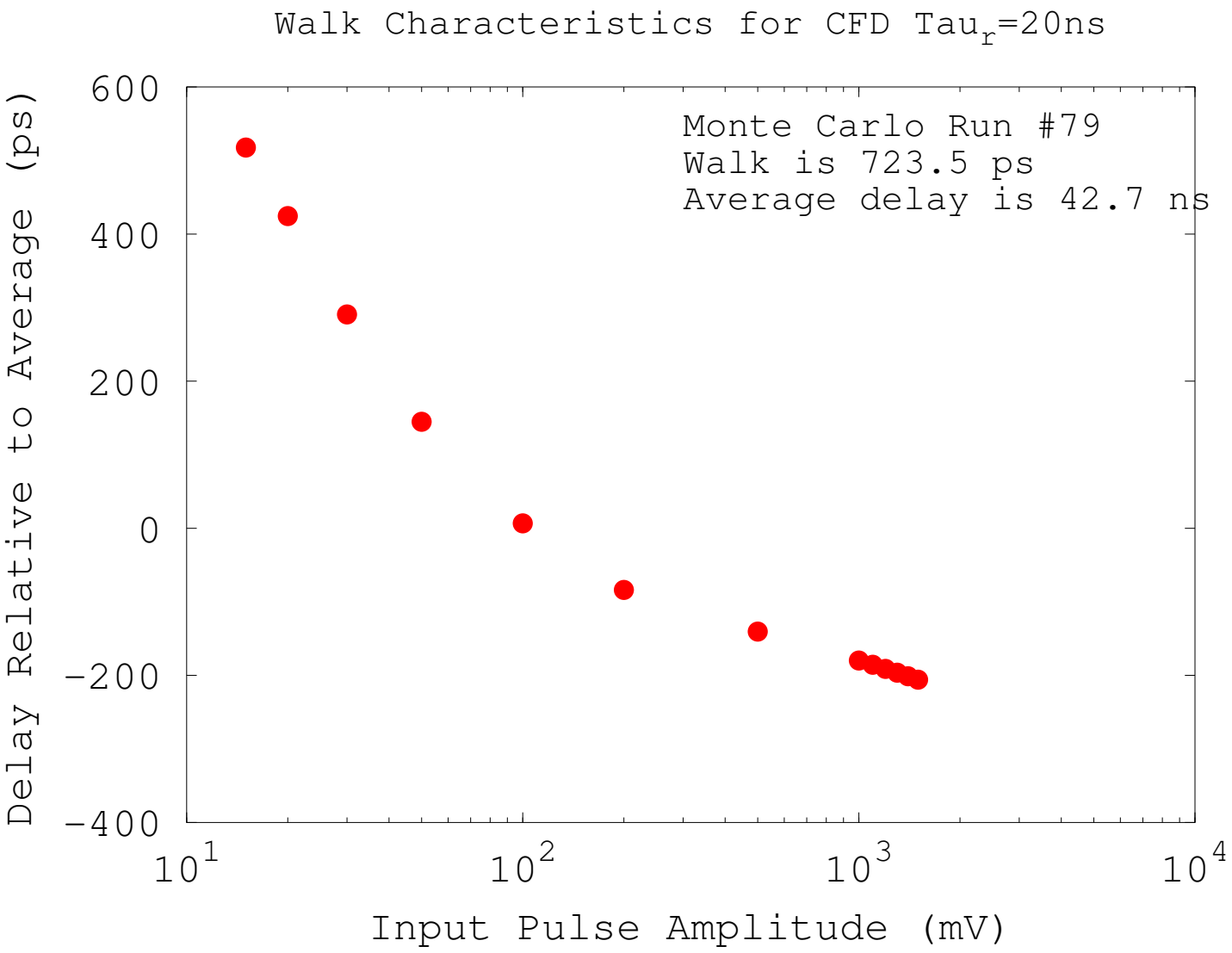

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #74
Walk is 617.4 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

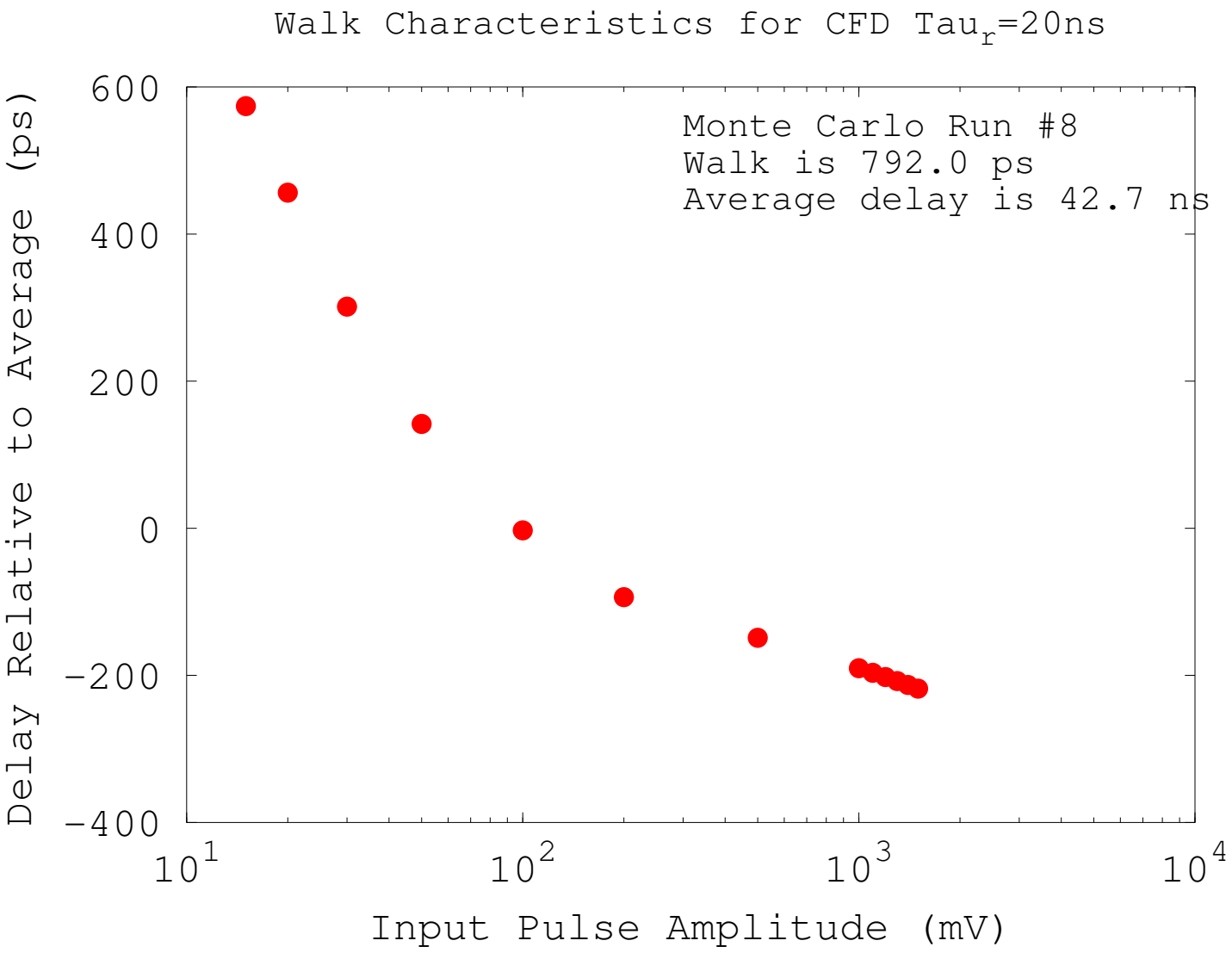

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #75
Walk is 757.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

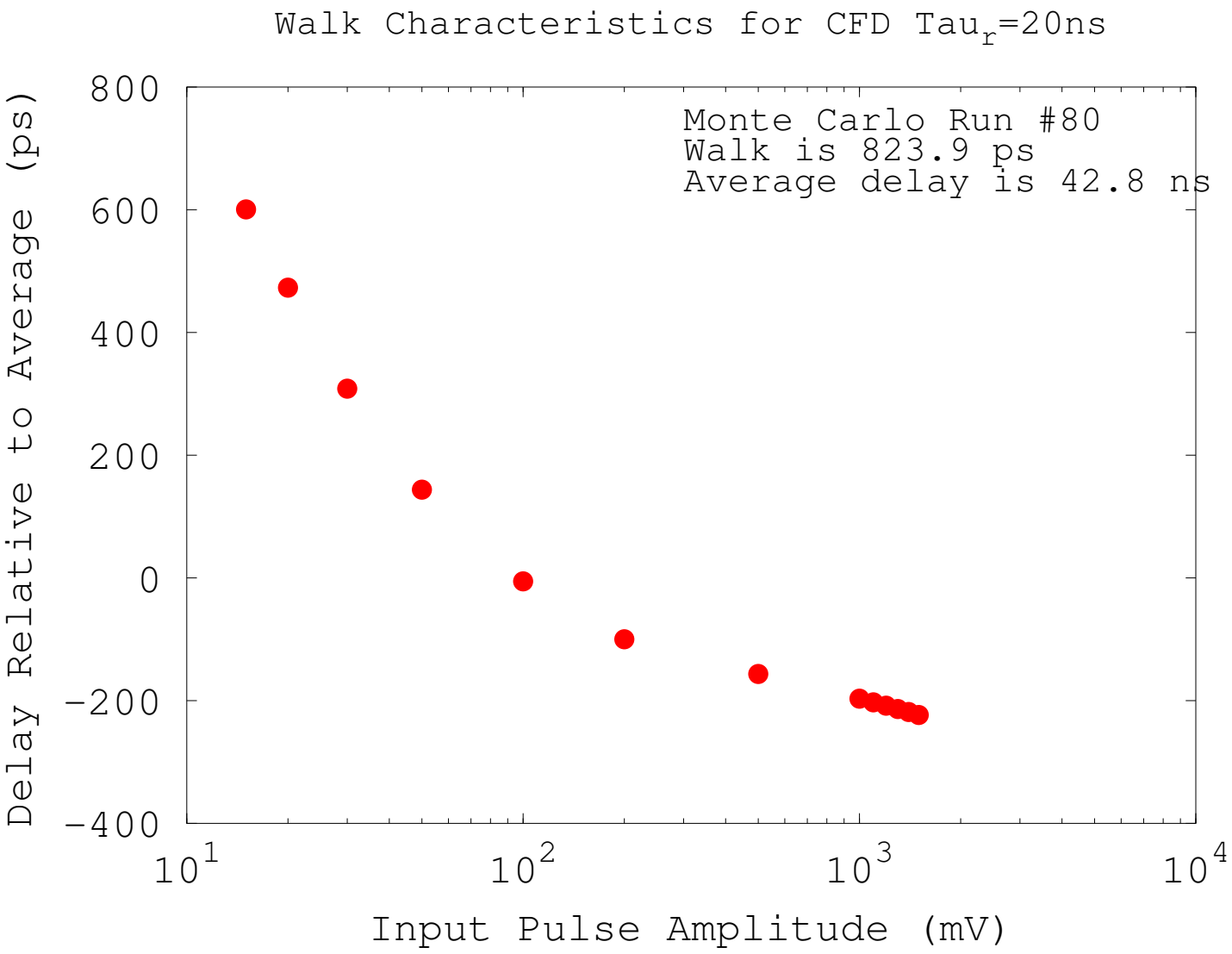

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #76
Walk is 688.8 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

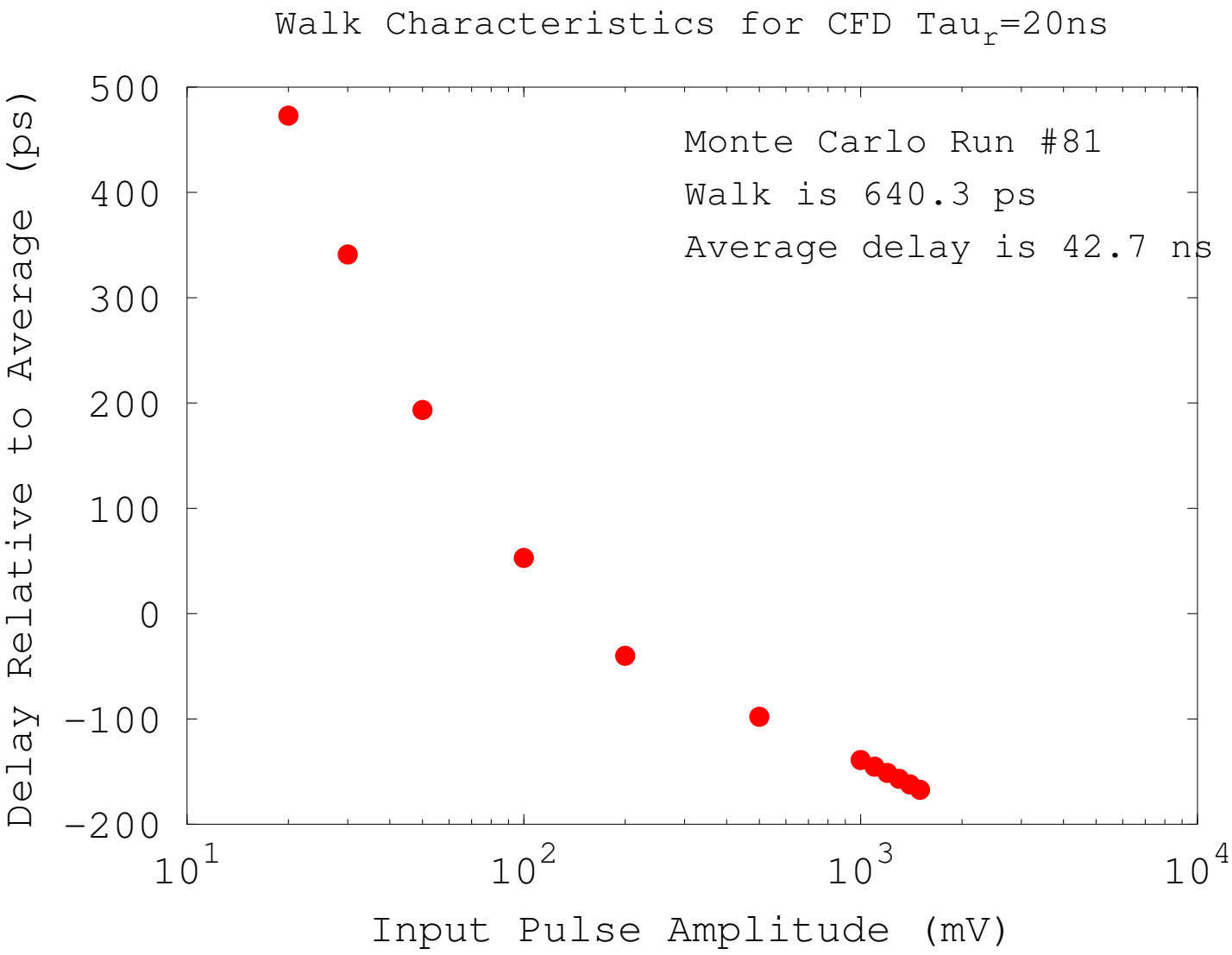

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #77
Walk is 731.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

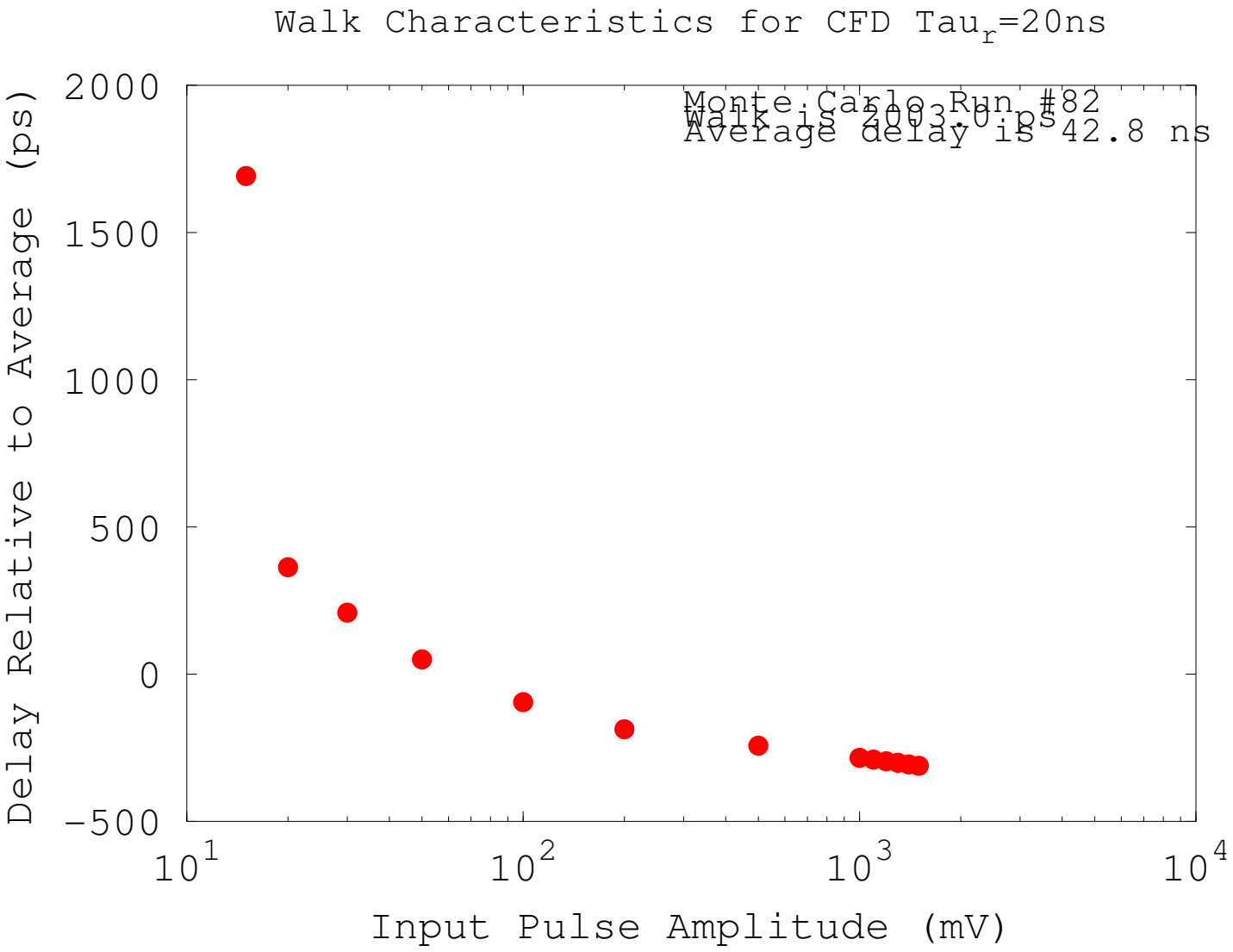

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #78
Walk is 654.7 ps
Average delay is 42.9 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

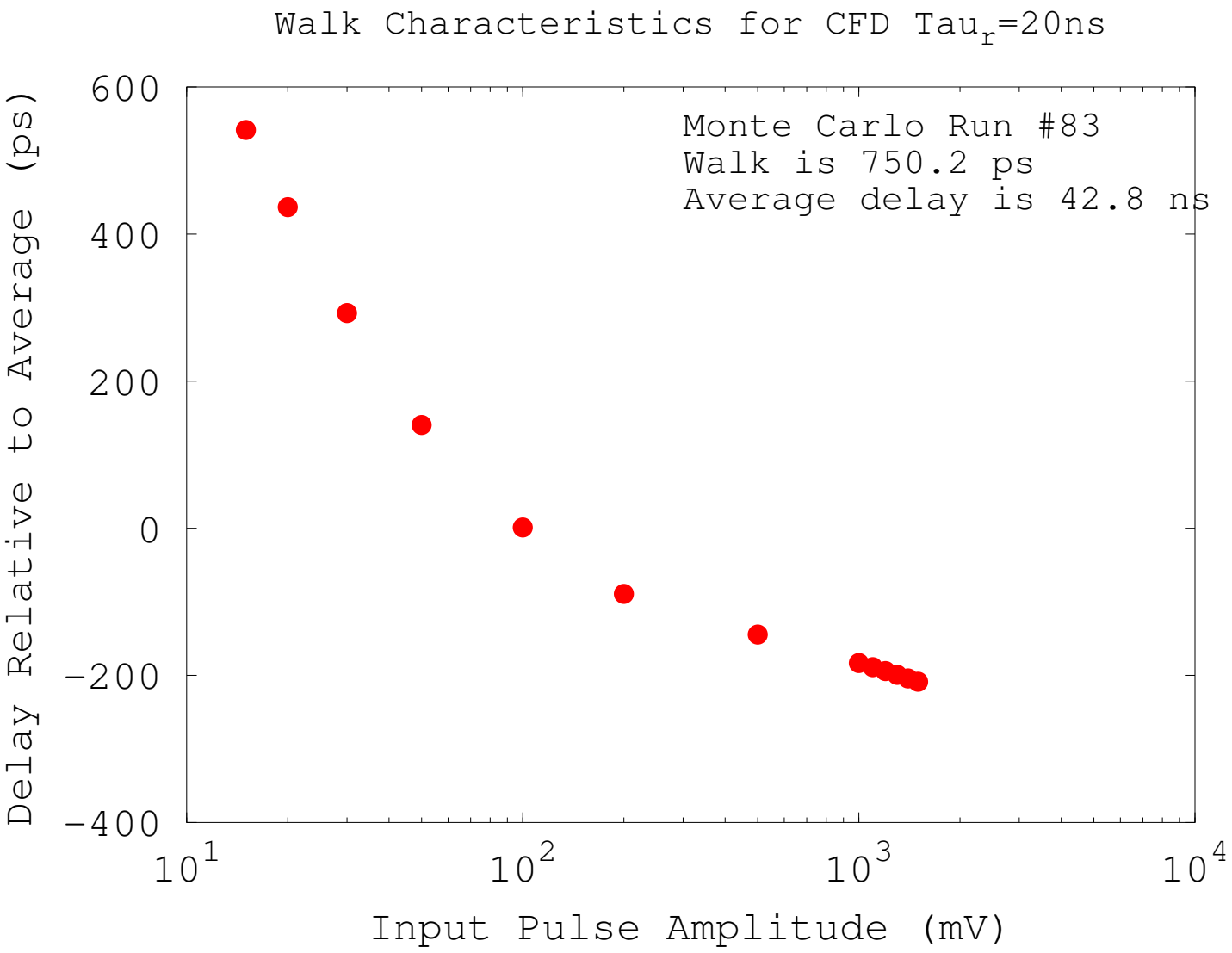

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #79
Walk is 723.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

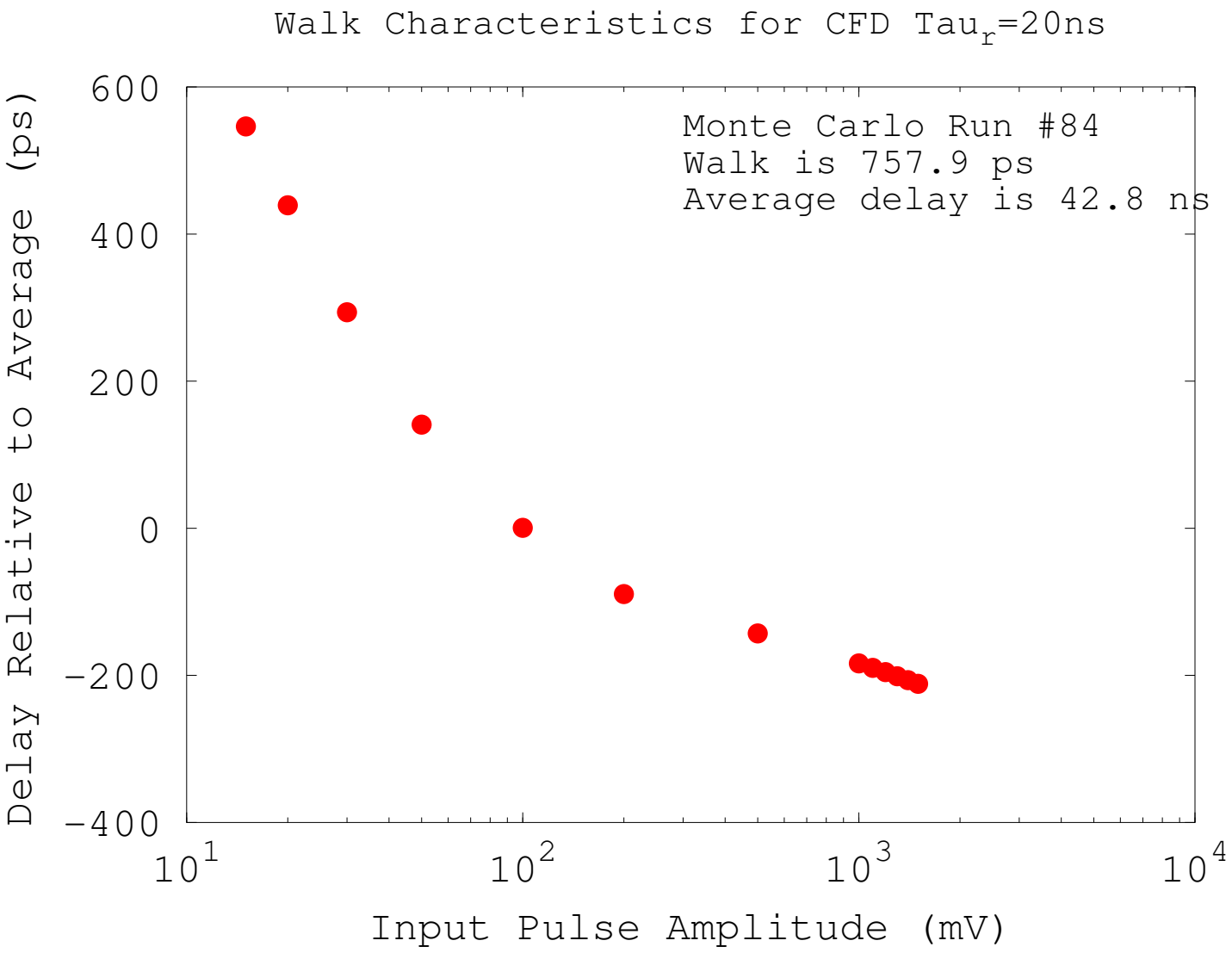

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #8
Walk is 792.0 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

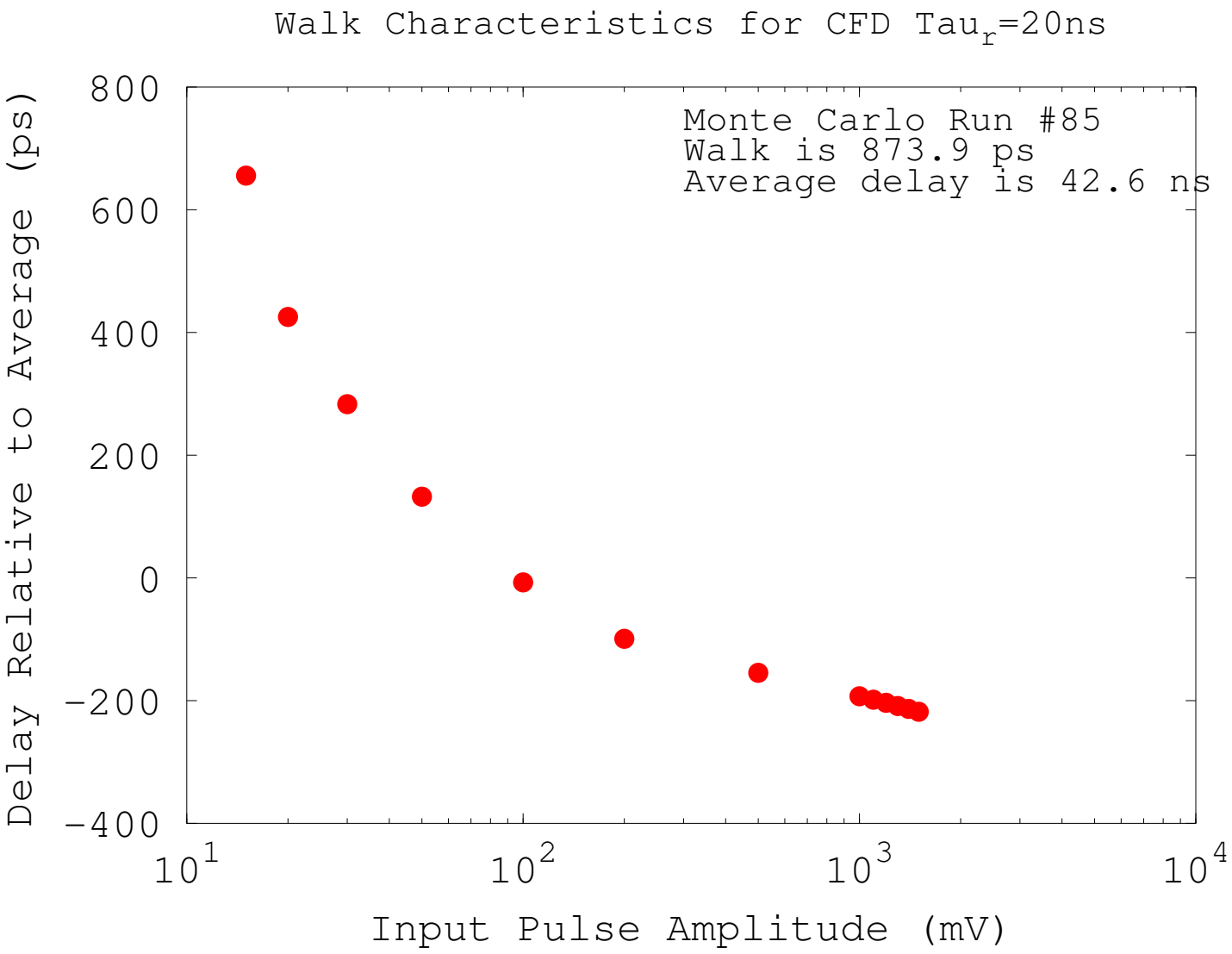

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #80
Walk is 823.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
800
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

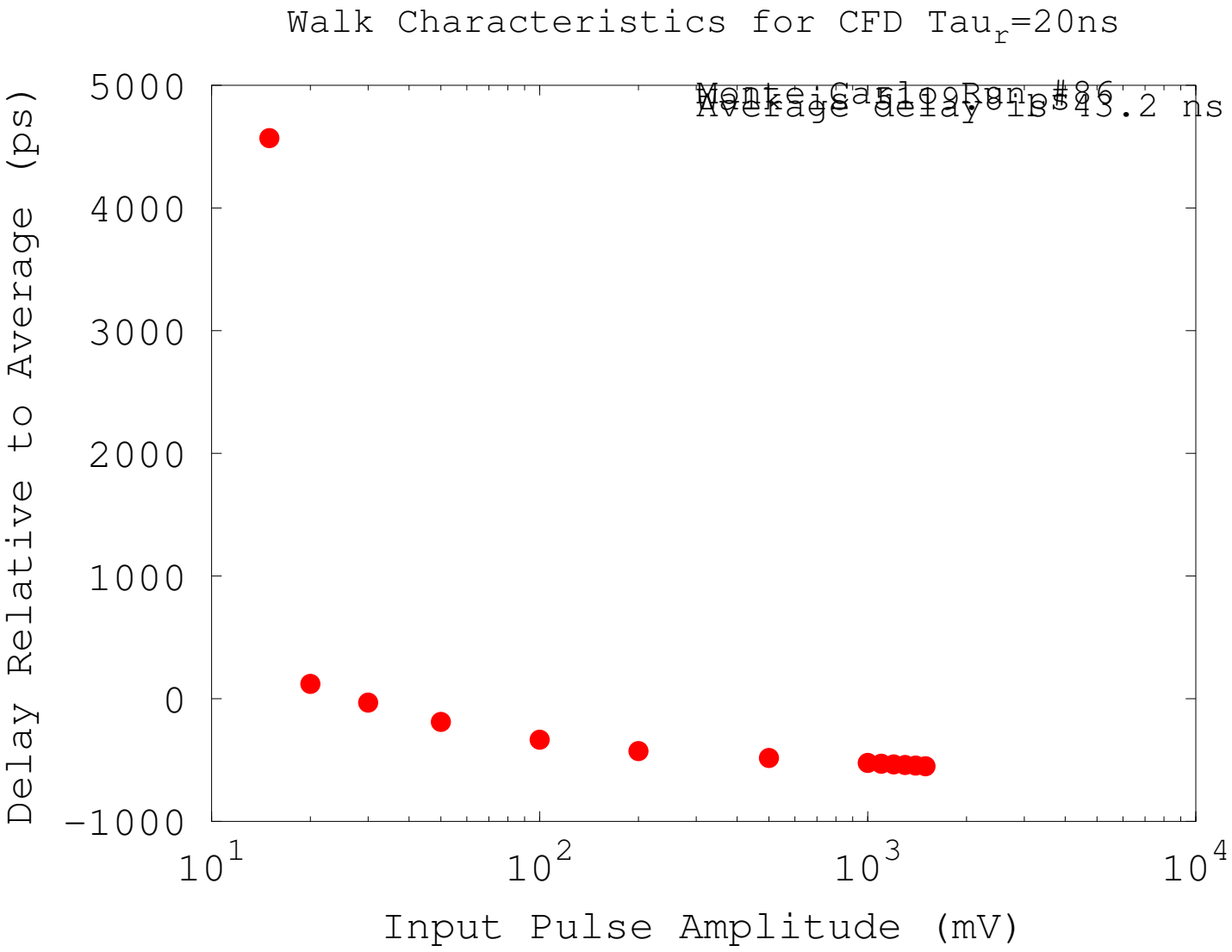

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #81
Walk is 640.3 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

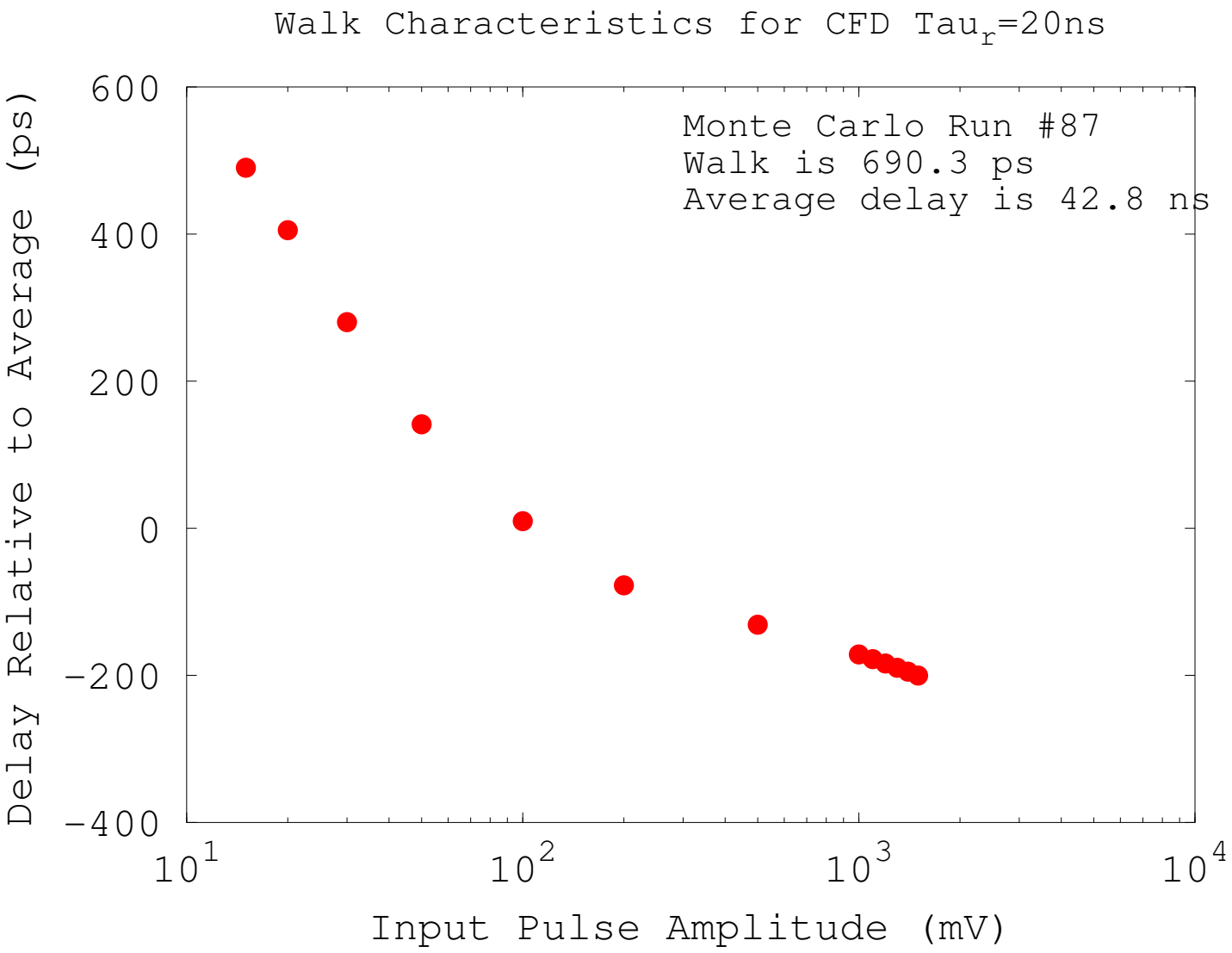

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #82
Walk is 2003.0 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
2000
1500
1000
500
0
-500
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

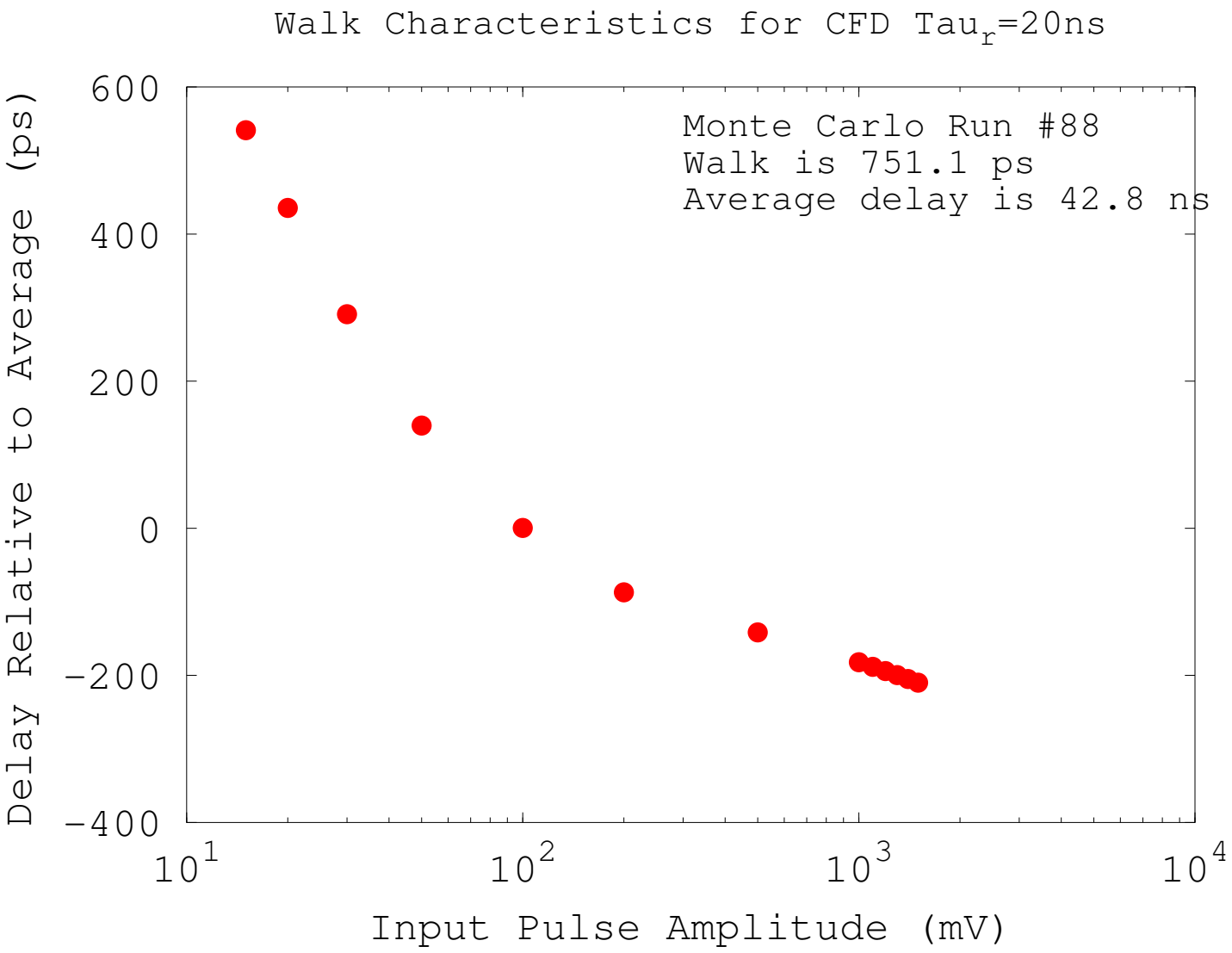

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #83
Walk is 750.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

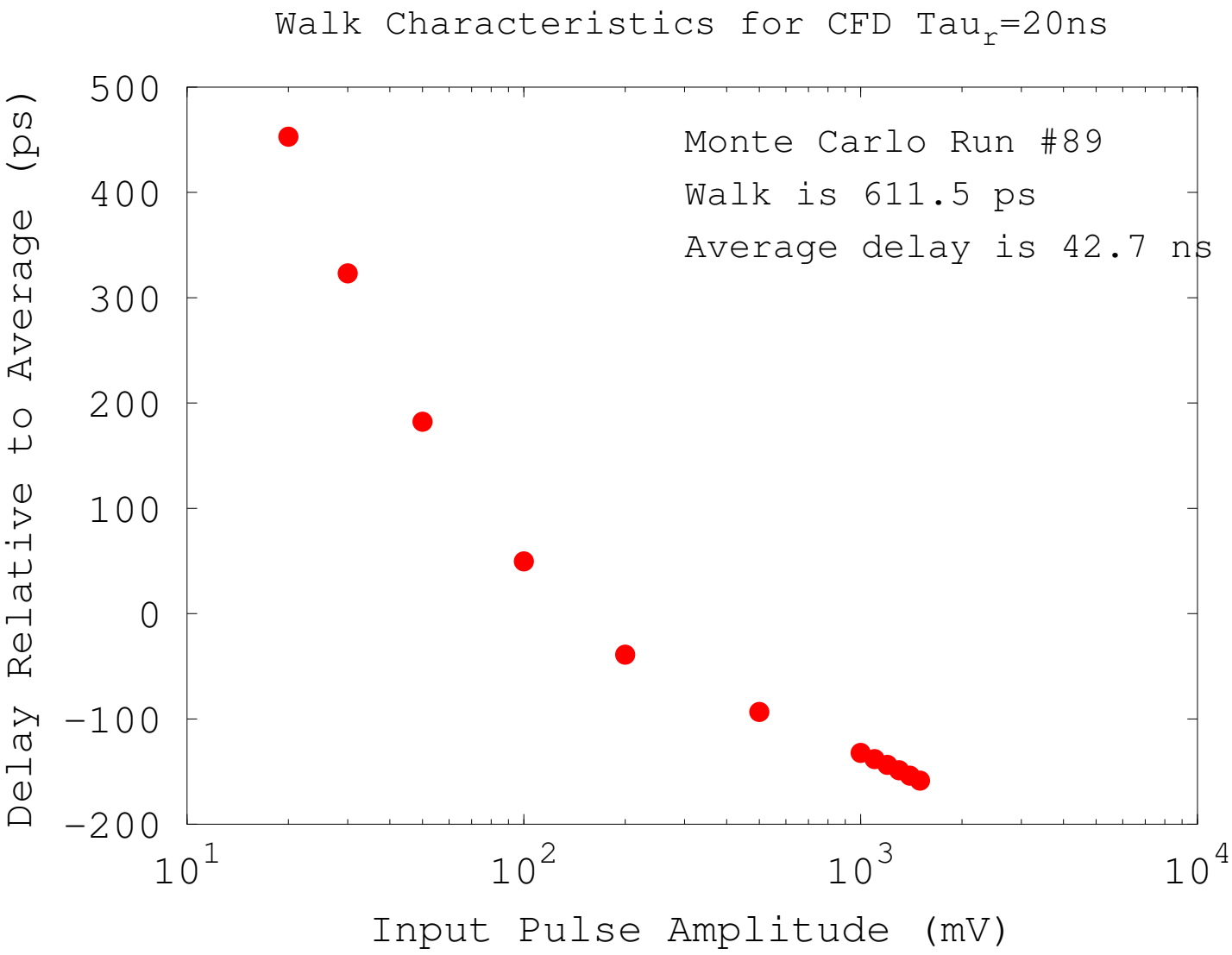

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #84
Walk is 757.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

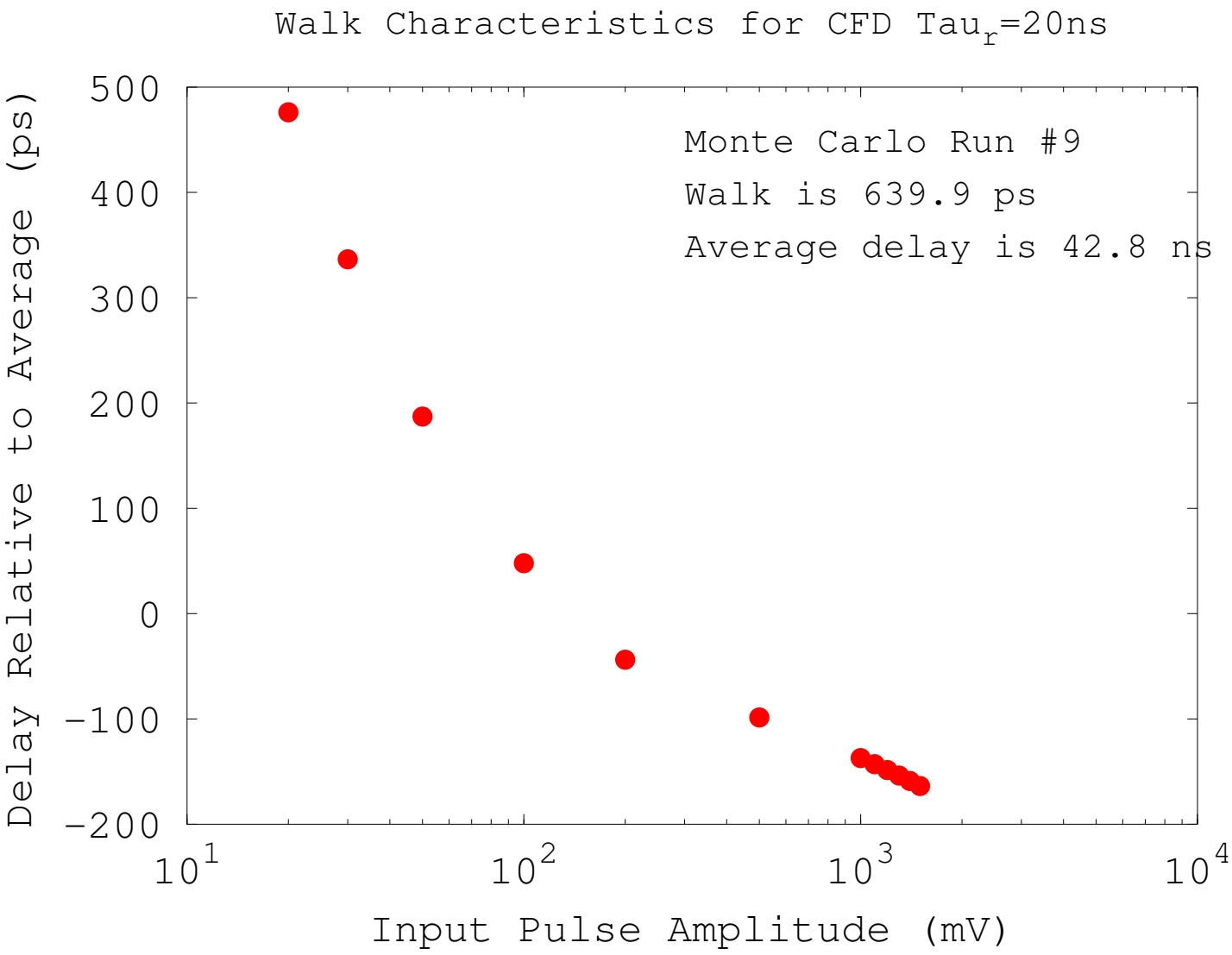

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #85
Walk is 873.9 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
800
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

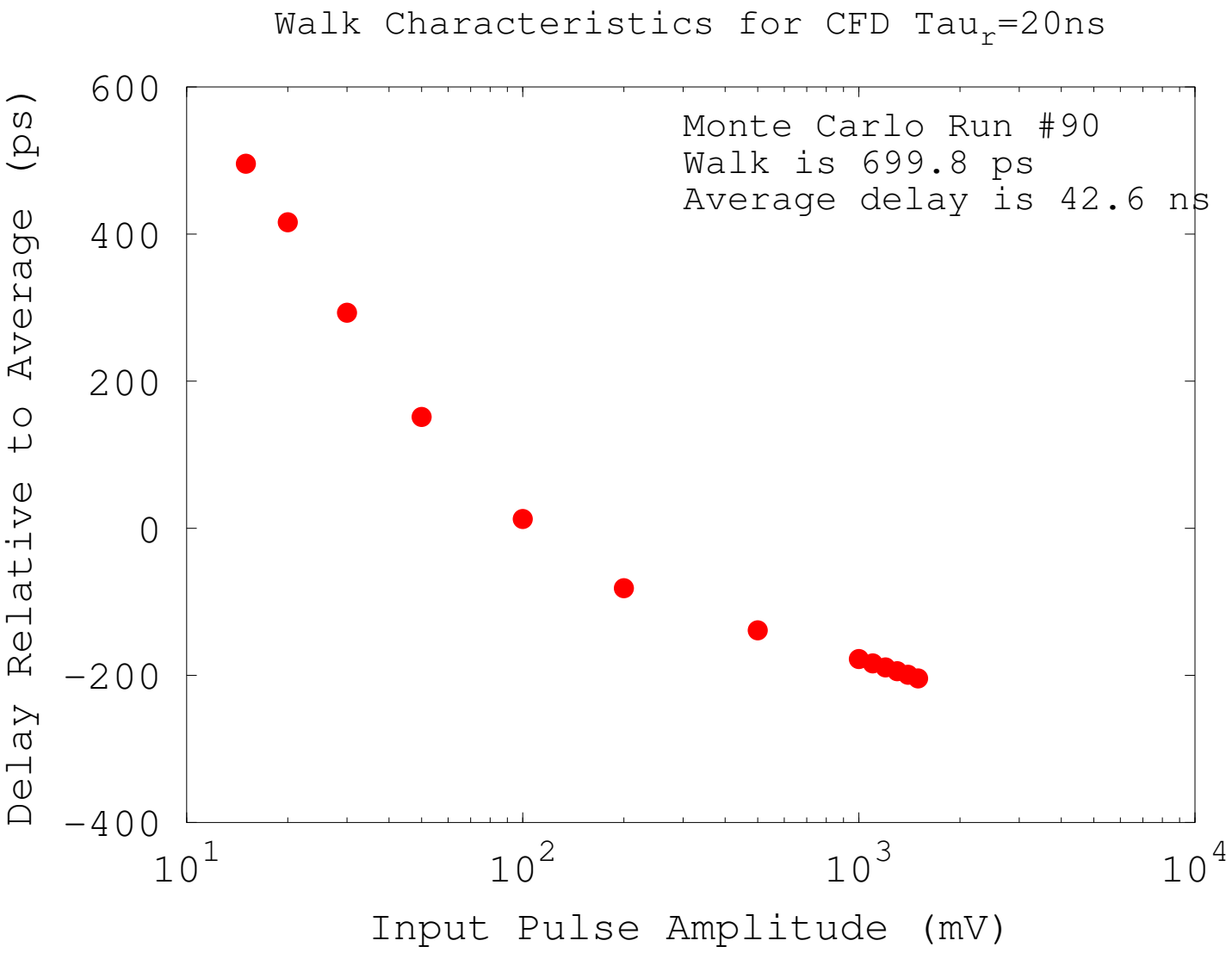

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #86
Average delay is 43.2 ns
Delay Relative to Average (ps)
5000
4000
3000
2000
1000
0
-1000
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

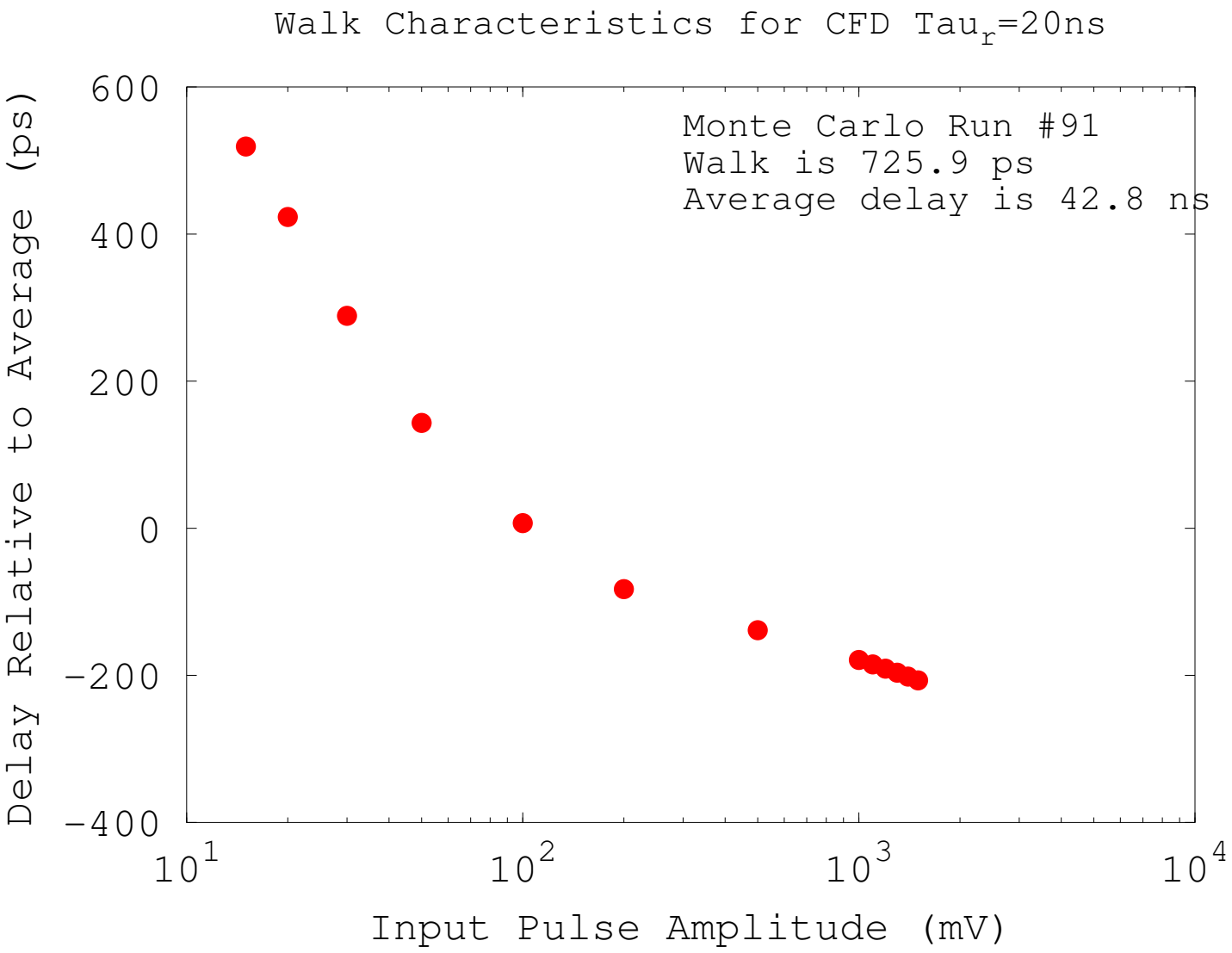

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #87
Walk is 690.3 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

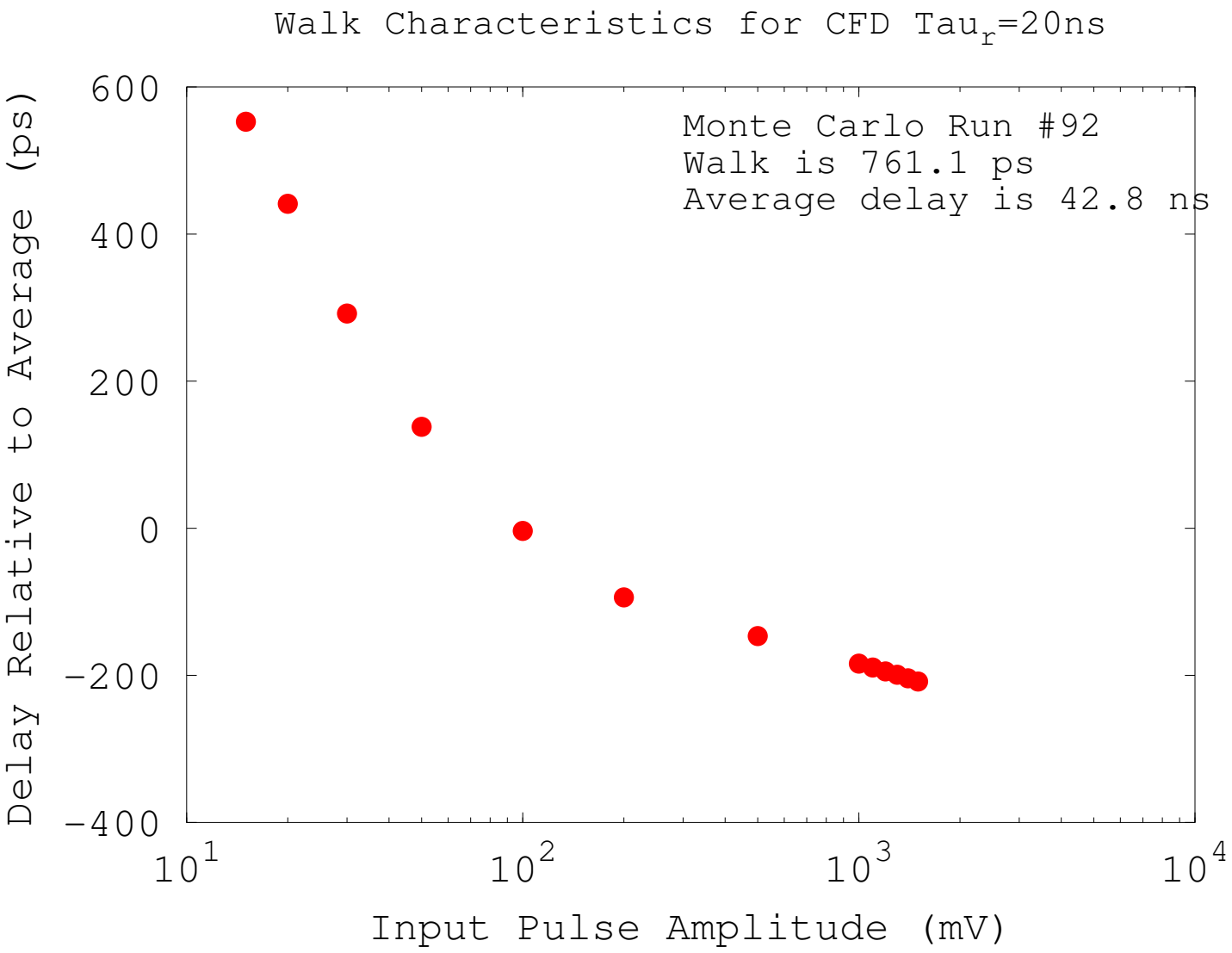

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #88
Walk is 751.1 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

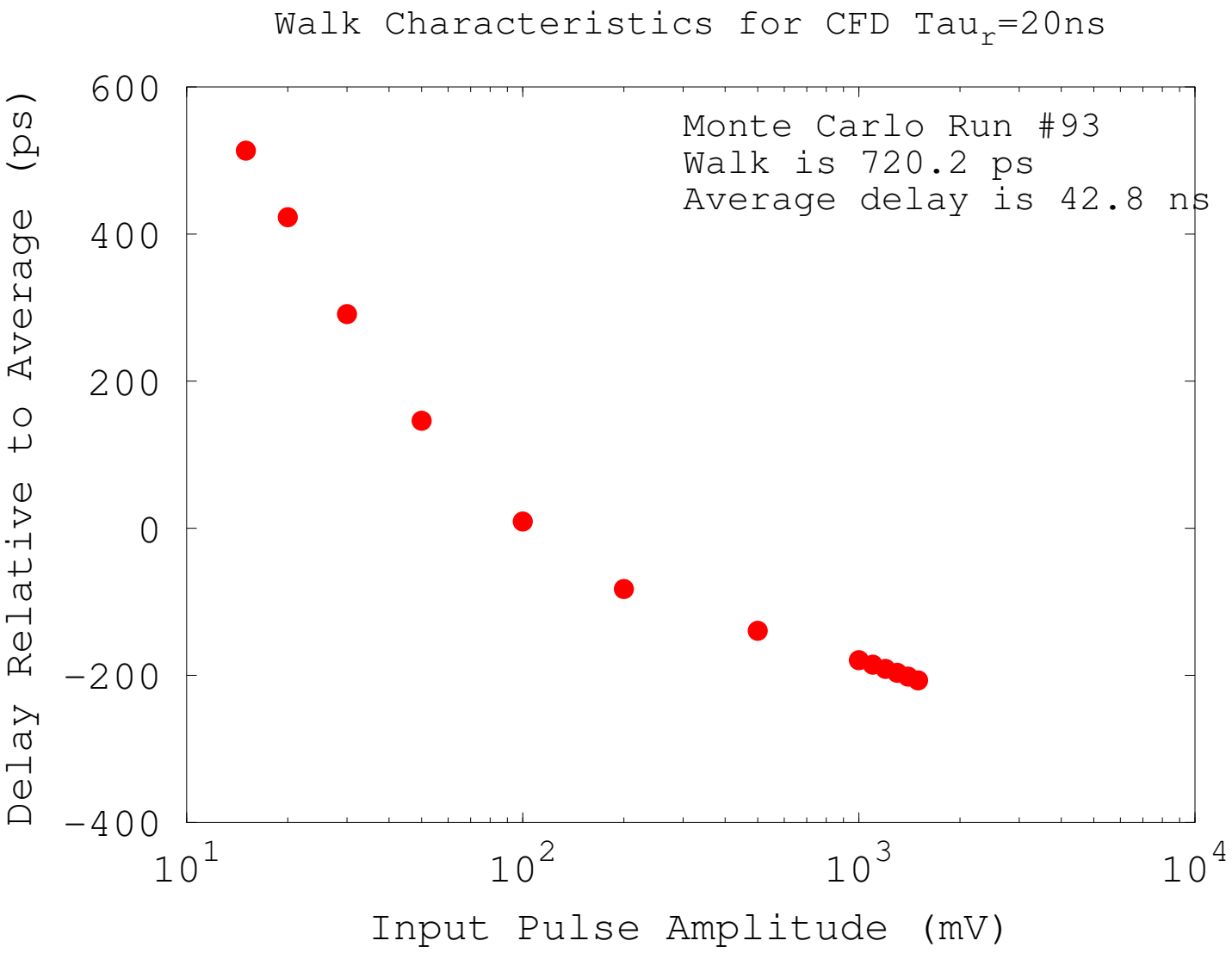

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #89
Walk is 611.5 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

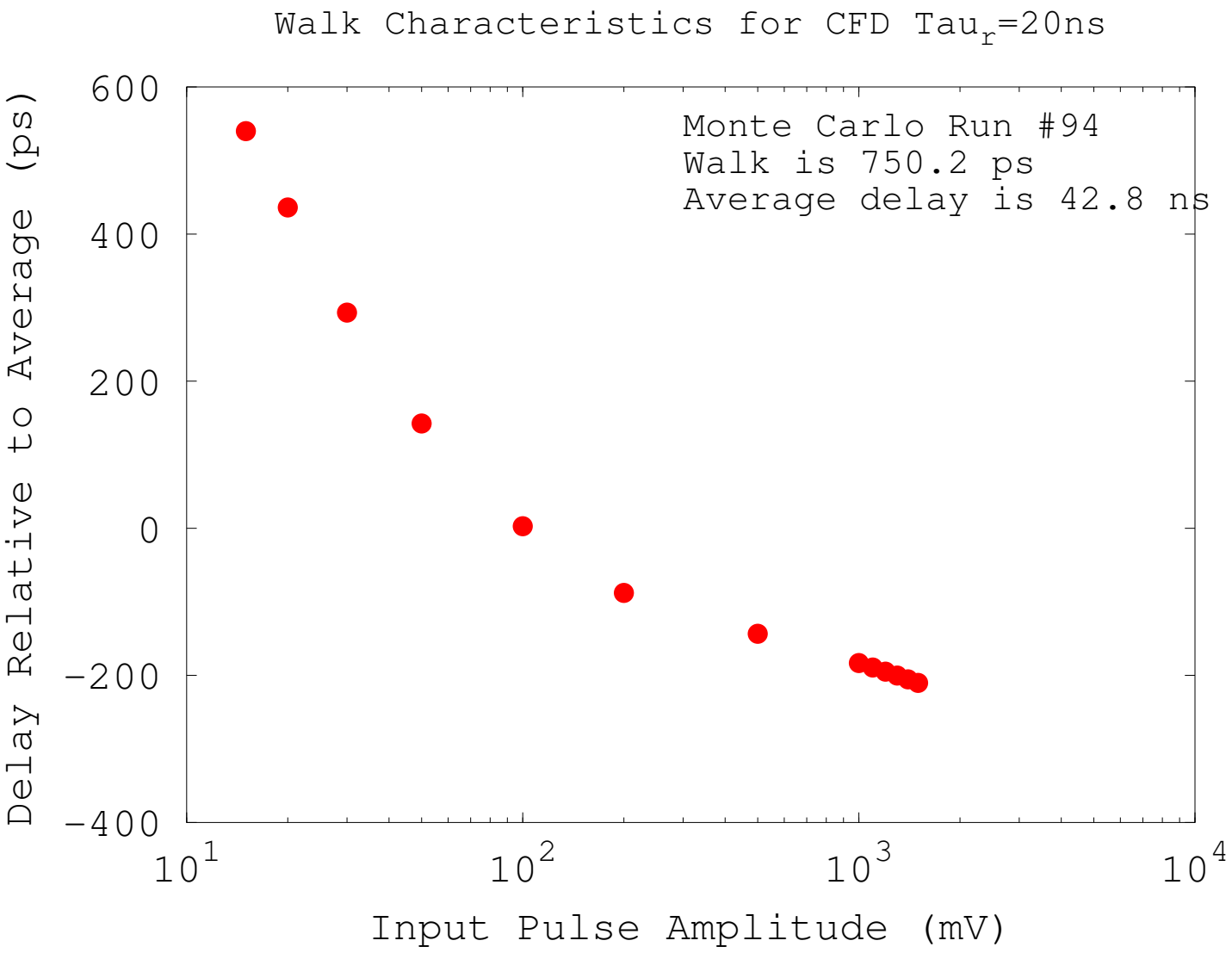

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #9
Walk is 639.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

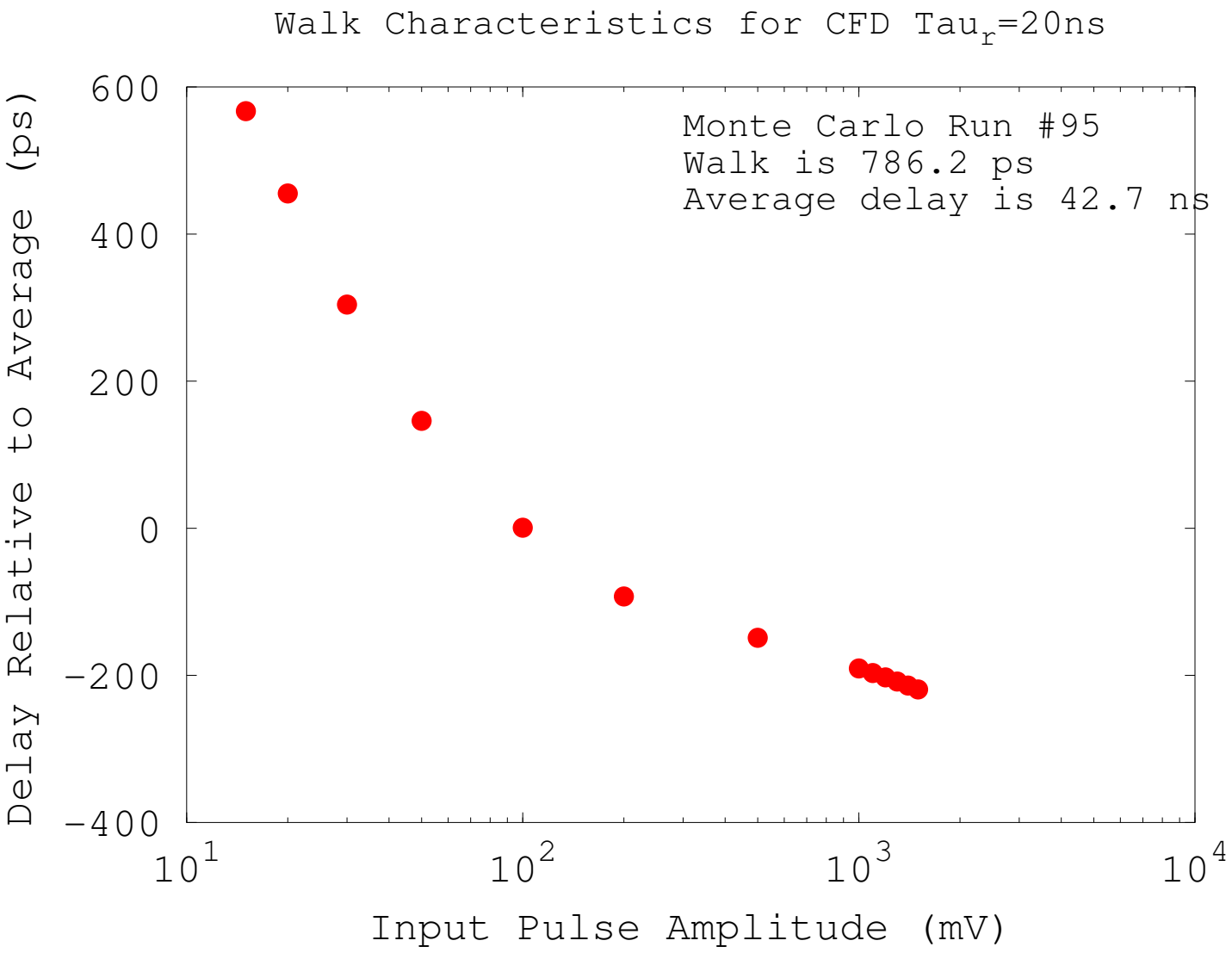

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #90
Walk is 699.8 ps
Average delay is 42.6 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

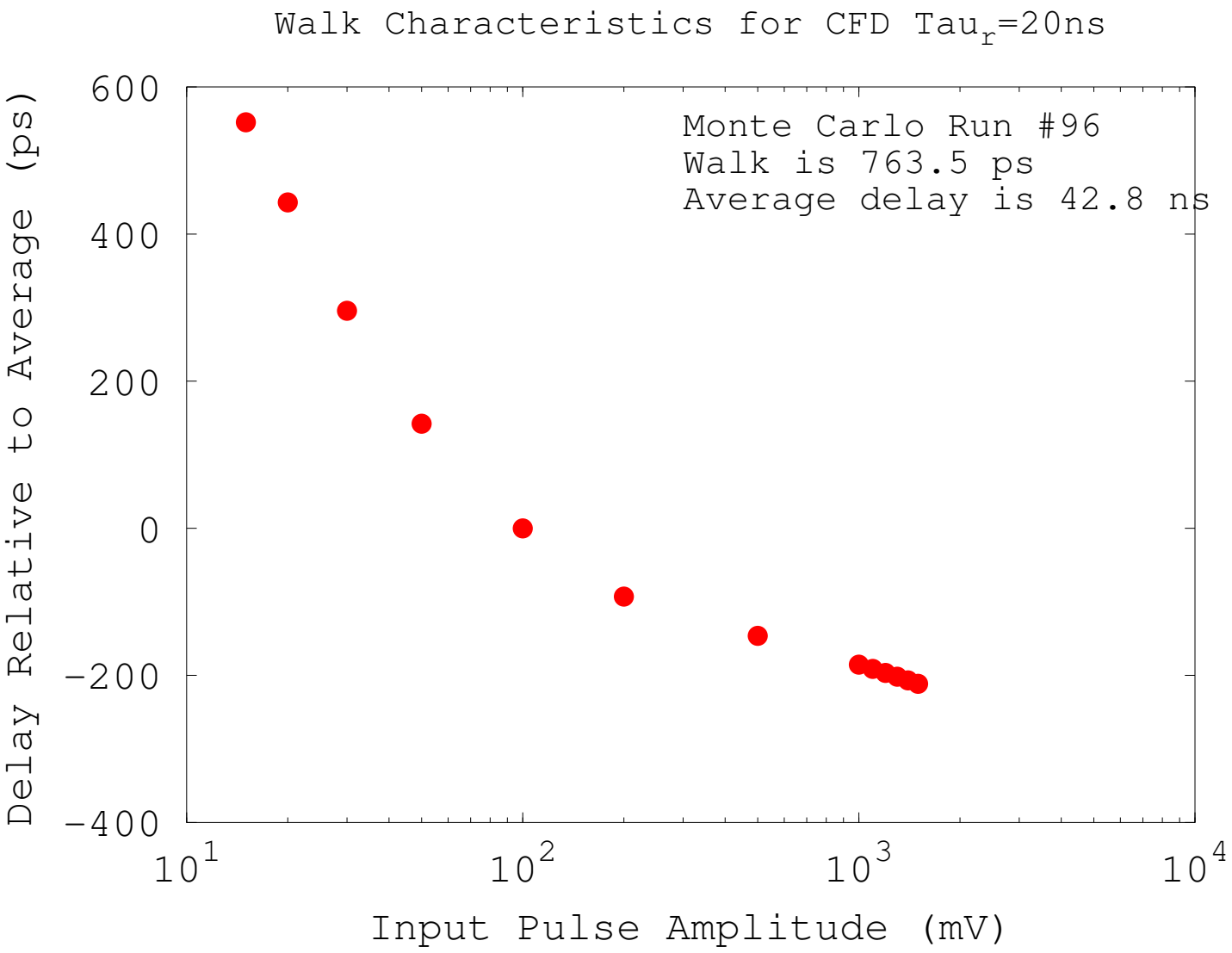

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #91
Walk is 725.9 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

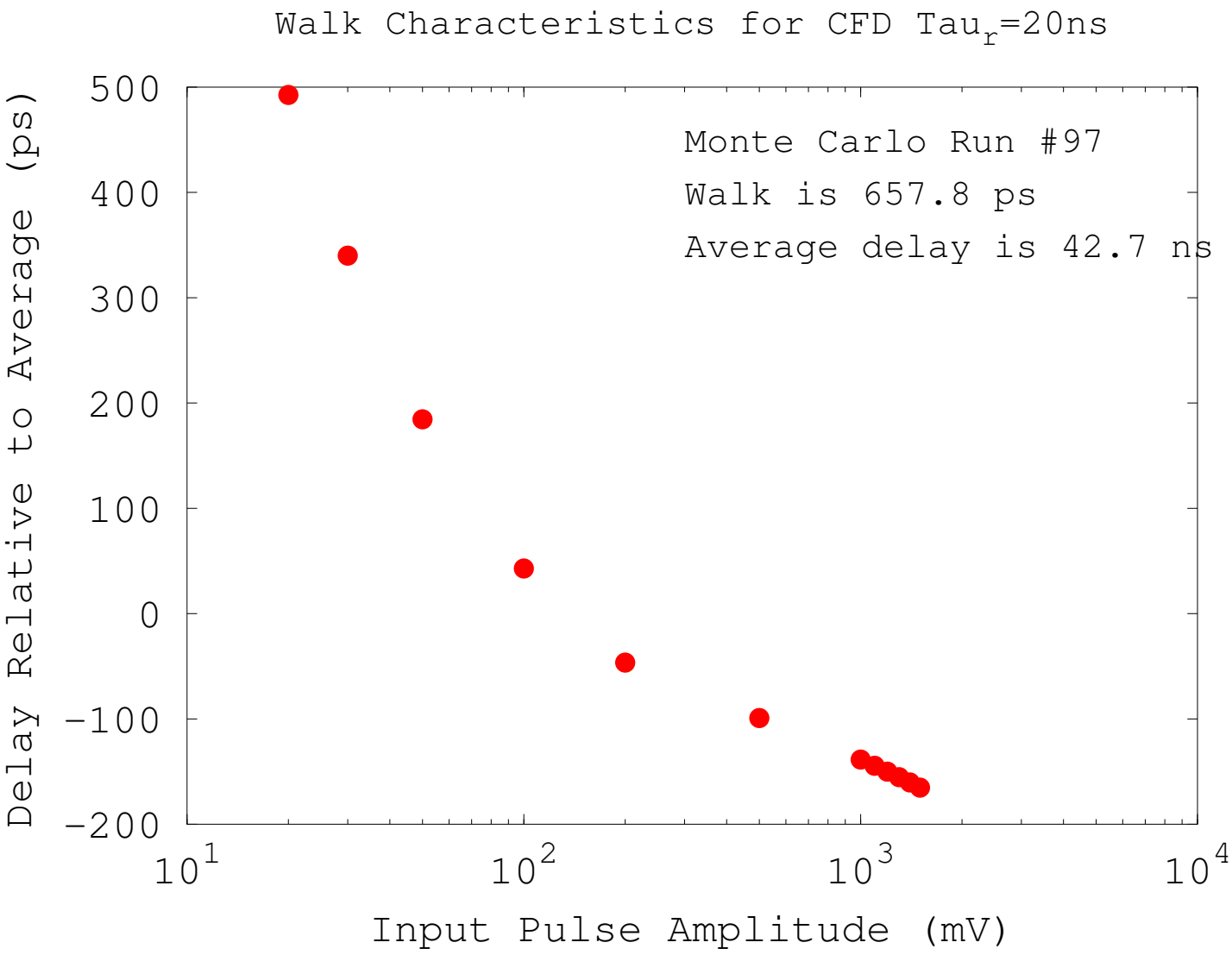

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #92
Walk is 761.1 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

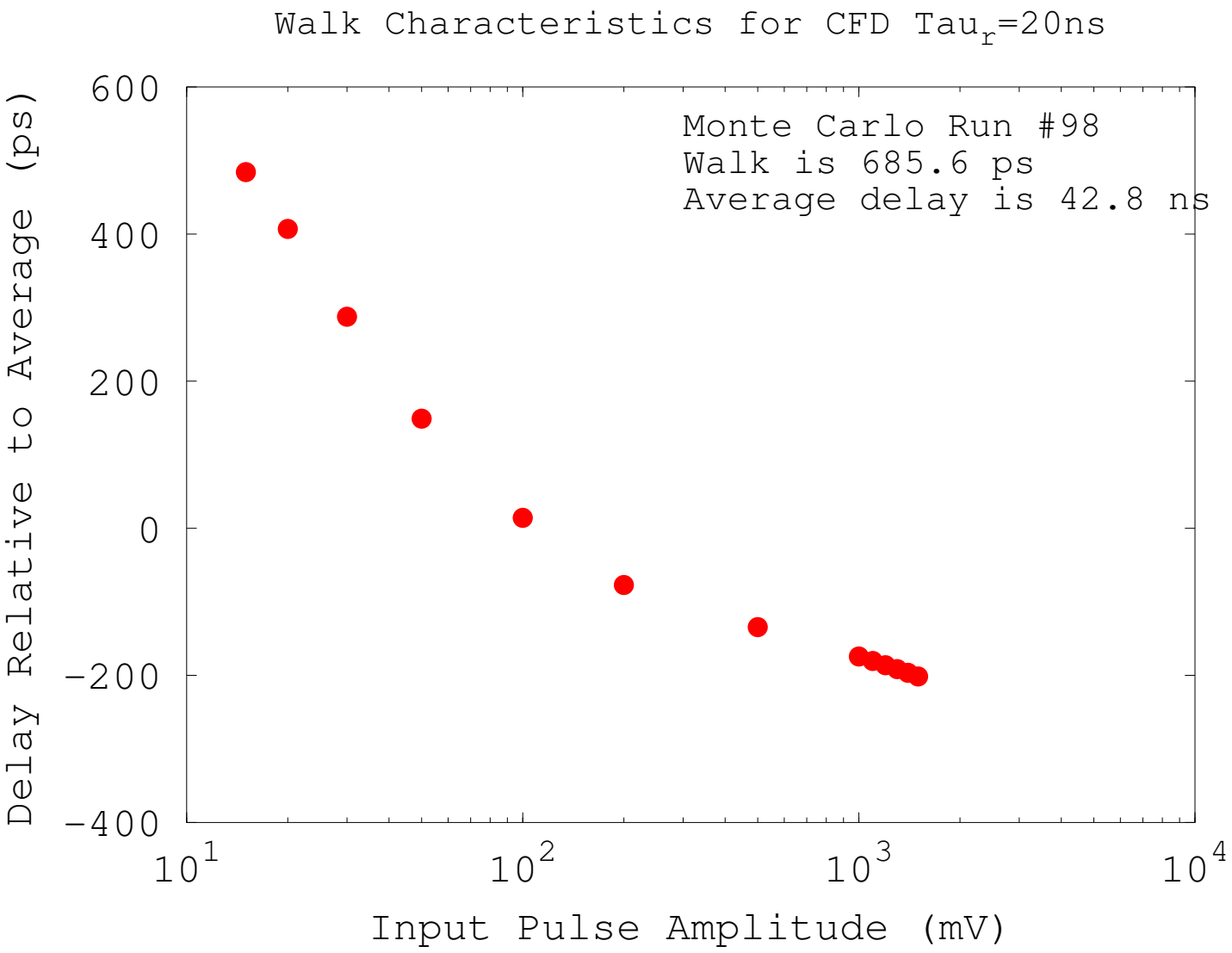

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #93
Walk is 720.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

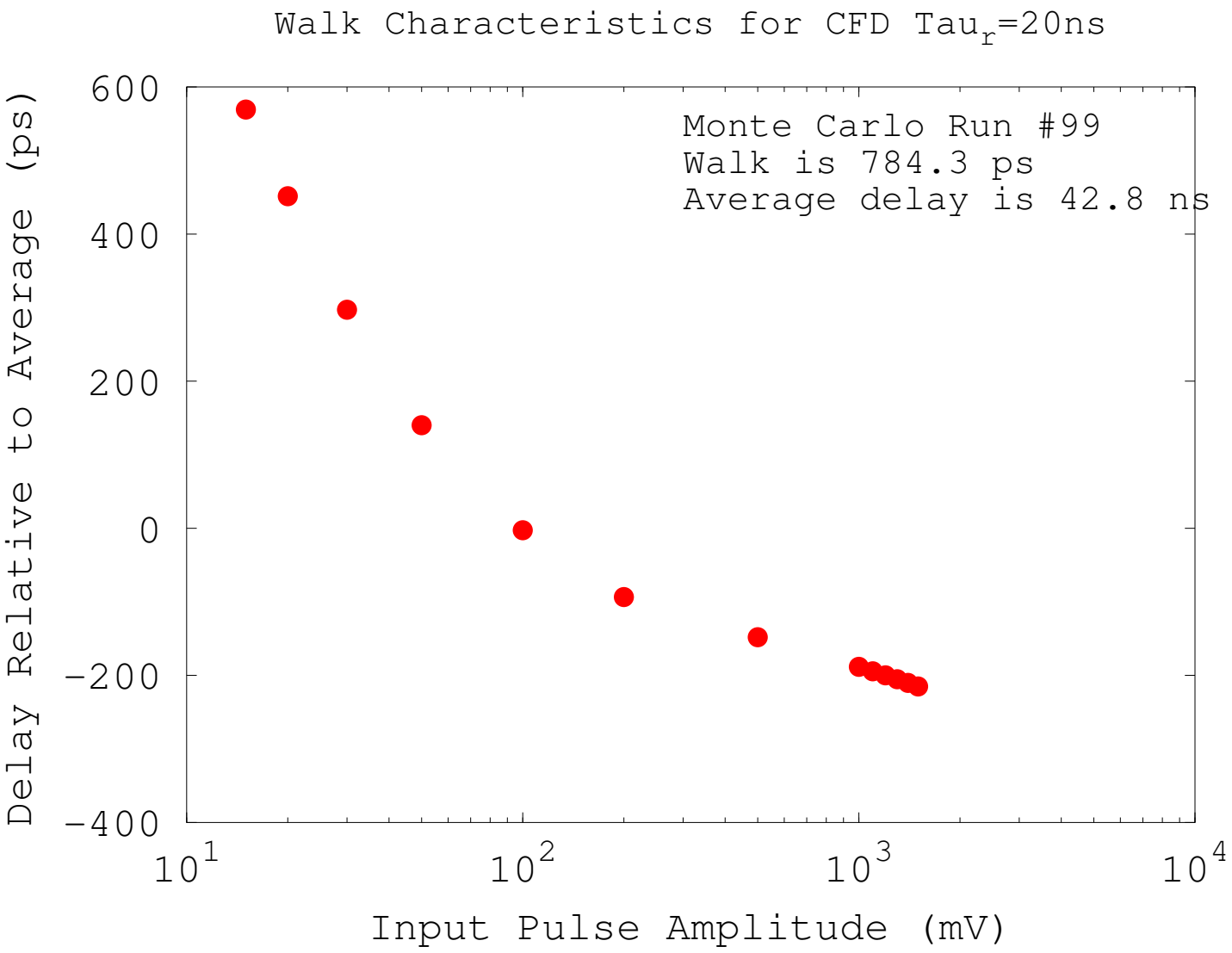

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #94
Walk is 750.2 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

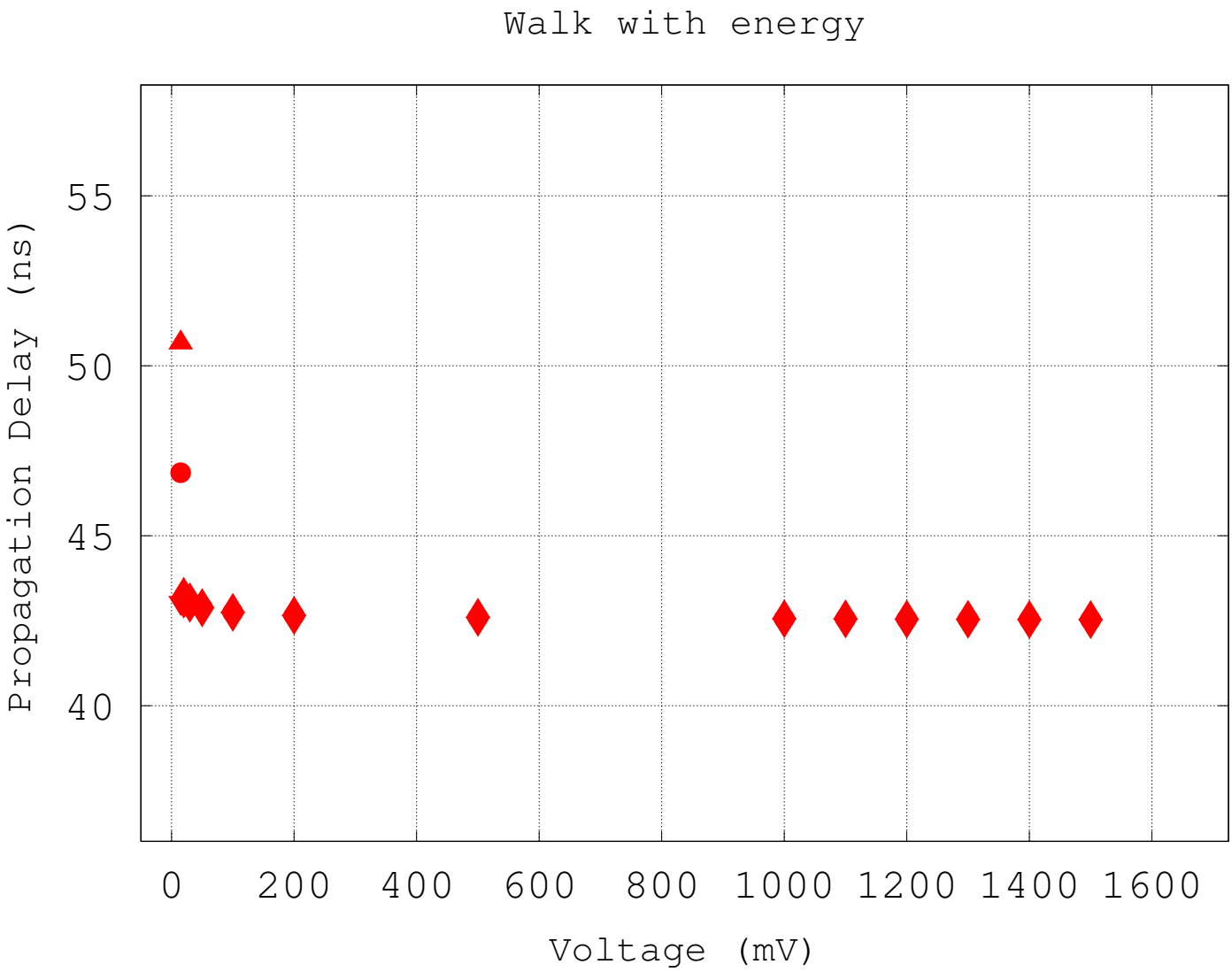

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #95
Walk is 786.2 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)

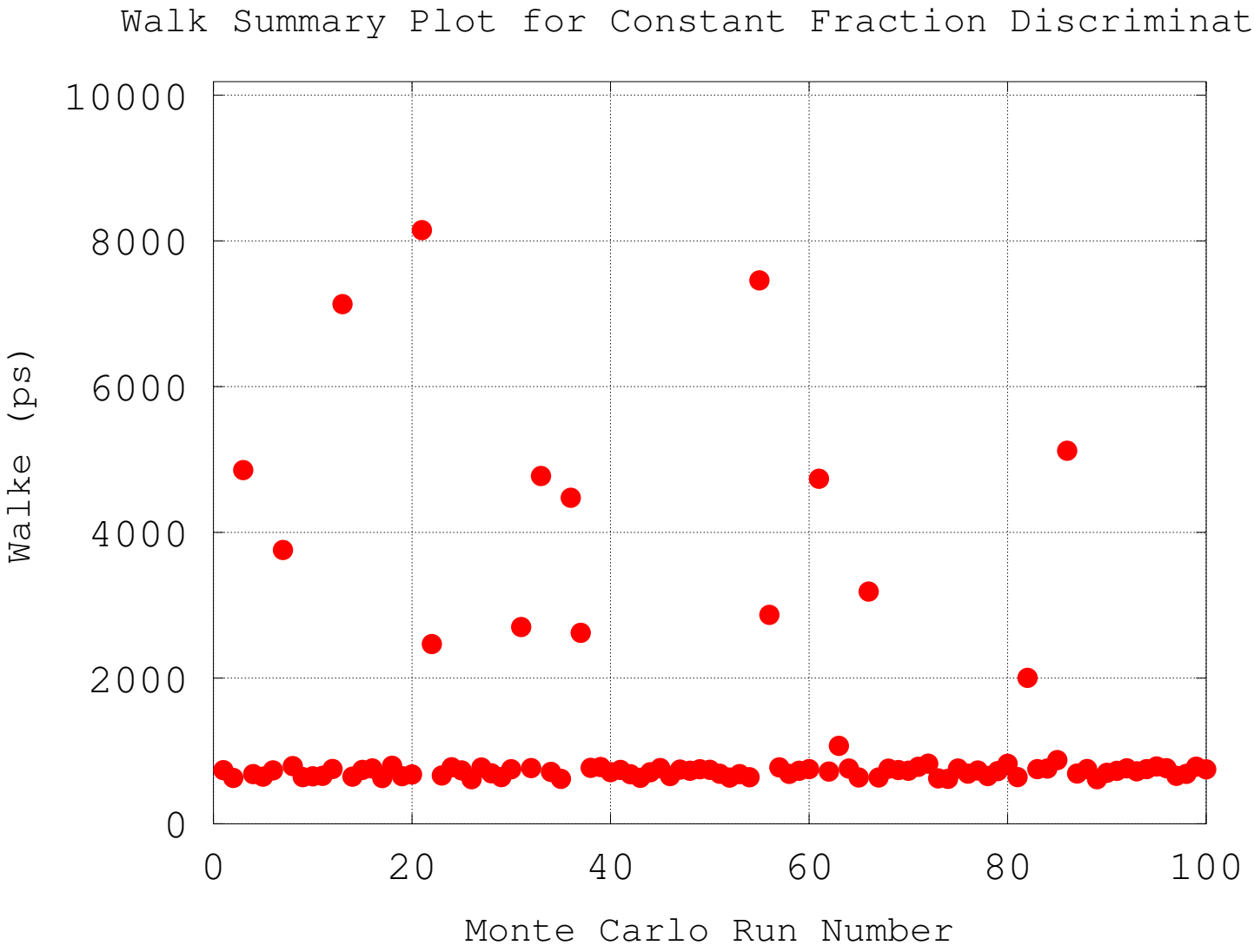

Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #96
Walk is 763.5 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #97
Walk is 657.8 ps
Average delay is 42.7 ns
Delay Relative to Average (ps)
500
400
300
200
100
0
-100
-200
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #98
Walk is 685.6 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)


Walk Characteristics for CFD Tau$_r$=20ns
Monte Carlo Run #99
Walk is 784.3 ps
Average delay is 42.8 ns
Delay Relative to Average (ps)
600
400
200
0
-200
-400
$10^1$
$10^2$
$10^3$
$10^4$
Input Pulse Amplitude (mV)


Walk with energy
Propagation Delay (ns)
55
50
45
40
0
200
400
600
800
1000
1200
1400
1600
Voltage (mV)


Walk Summary Plot for Constant Fraction Discriminator
Walke (ps)
10000
8000
6000
4000
2000
0
0
20
40
60
80
100
Monte Carlo Run Number