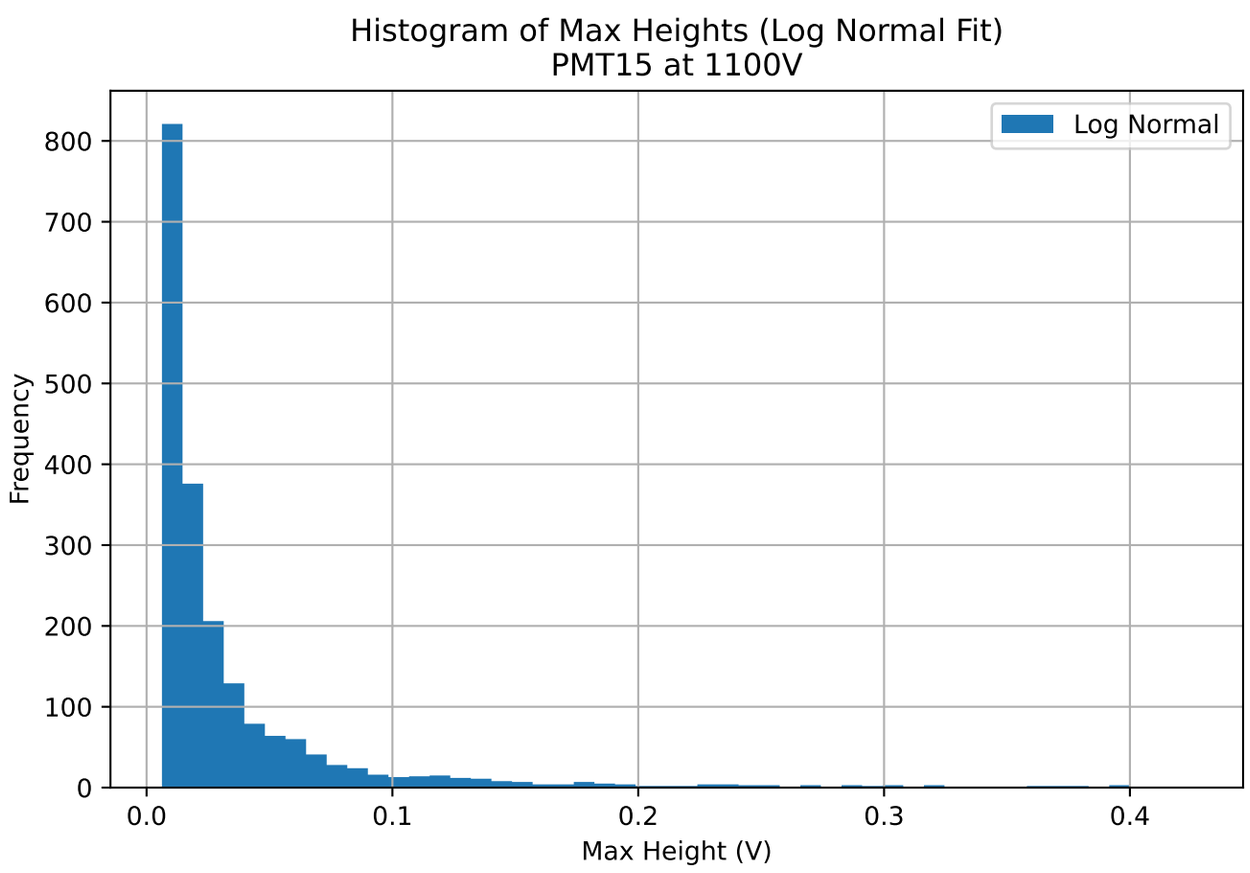
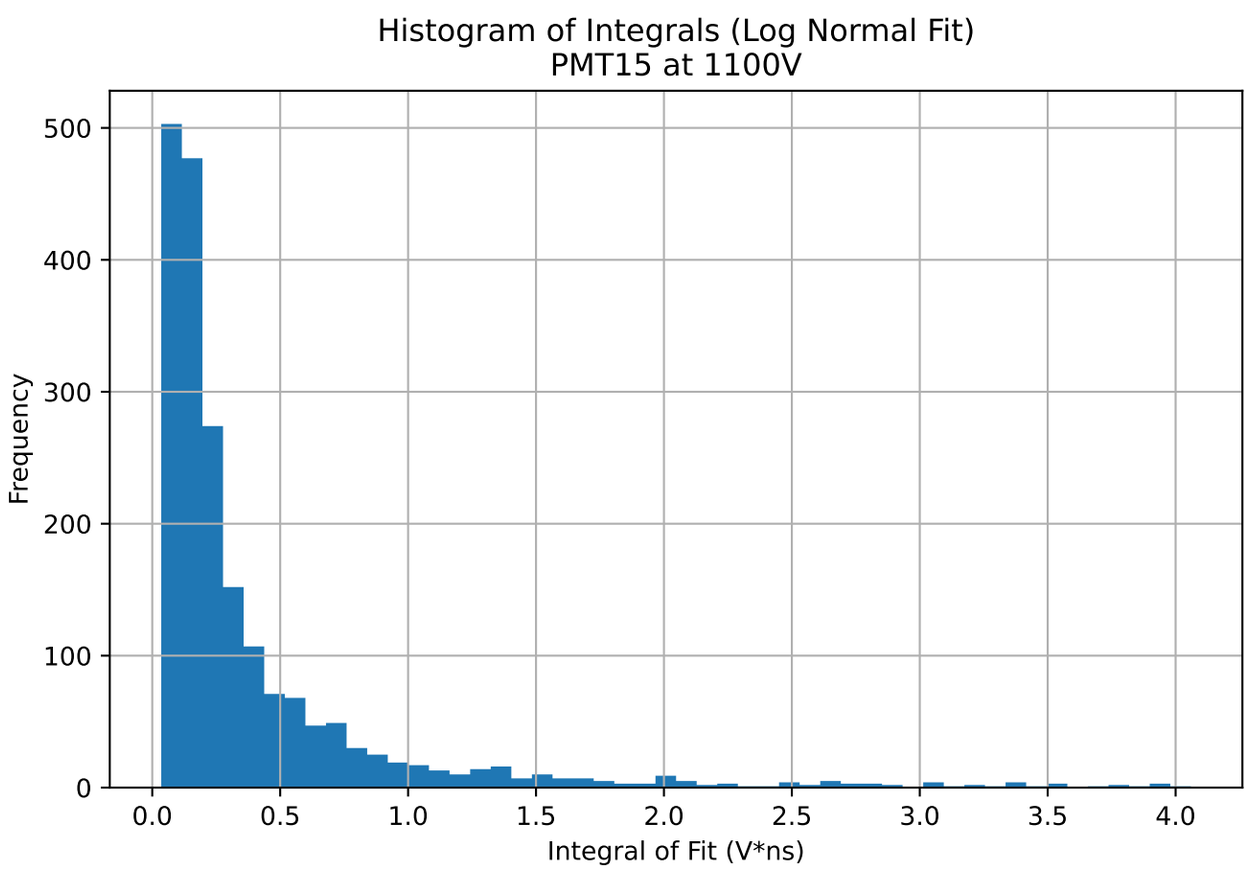
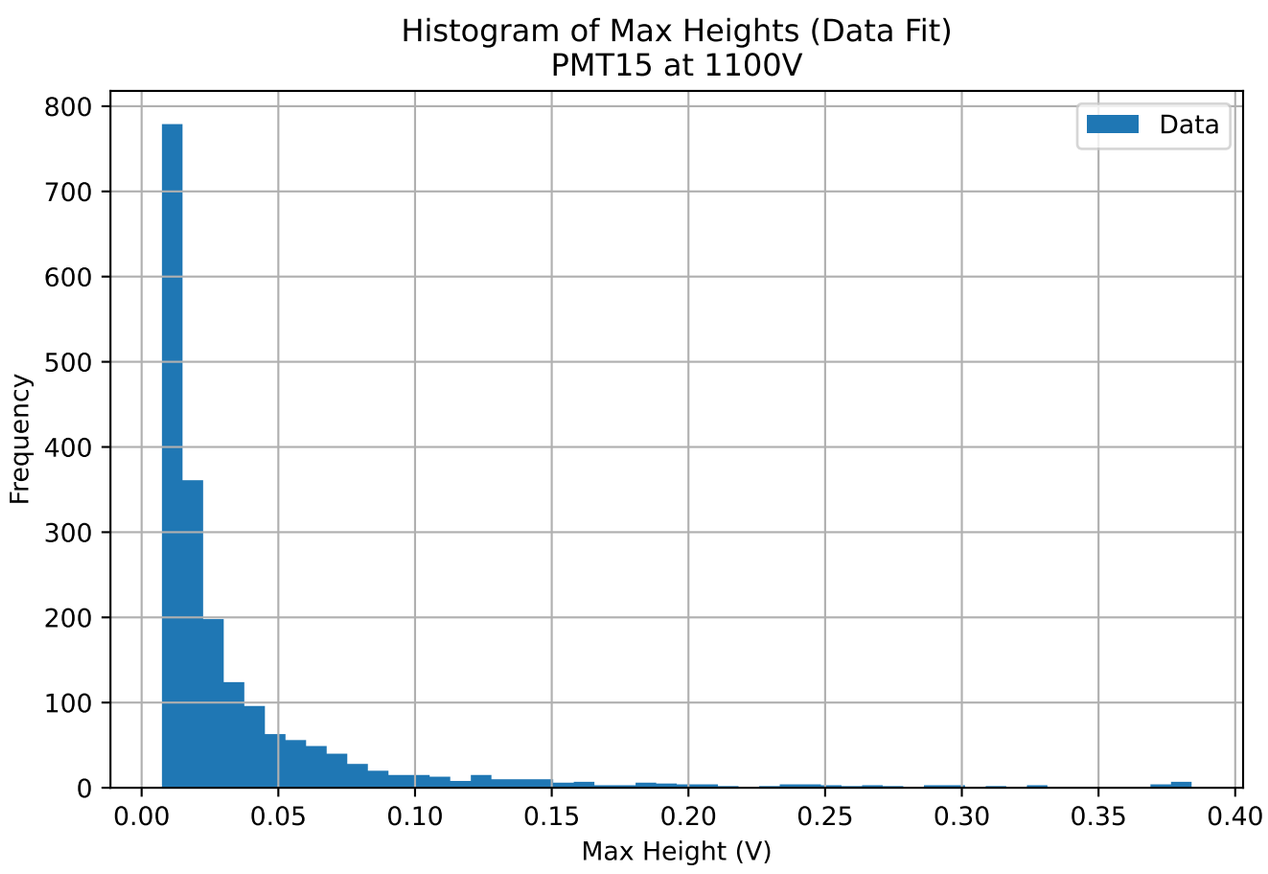
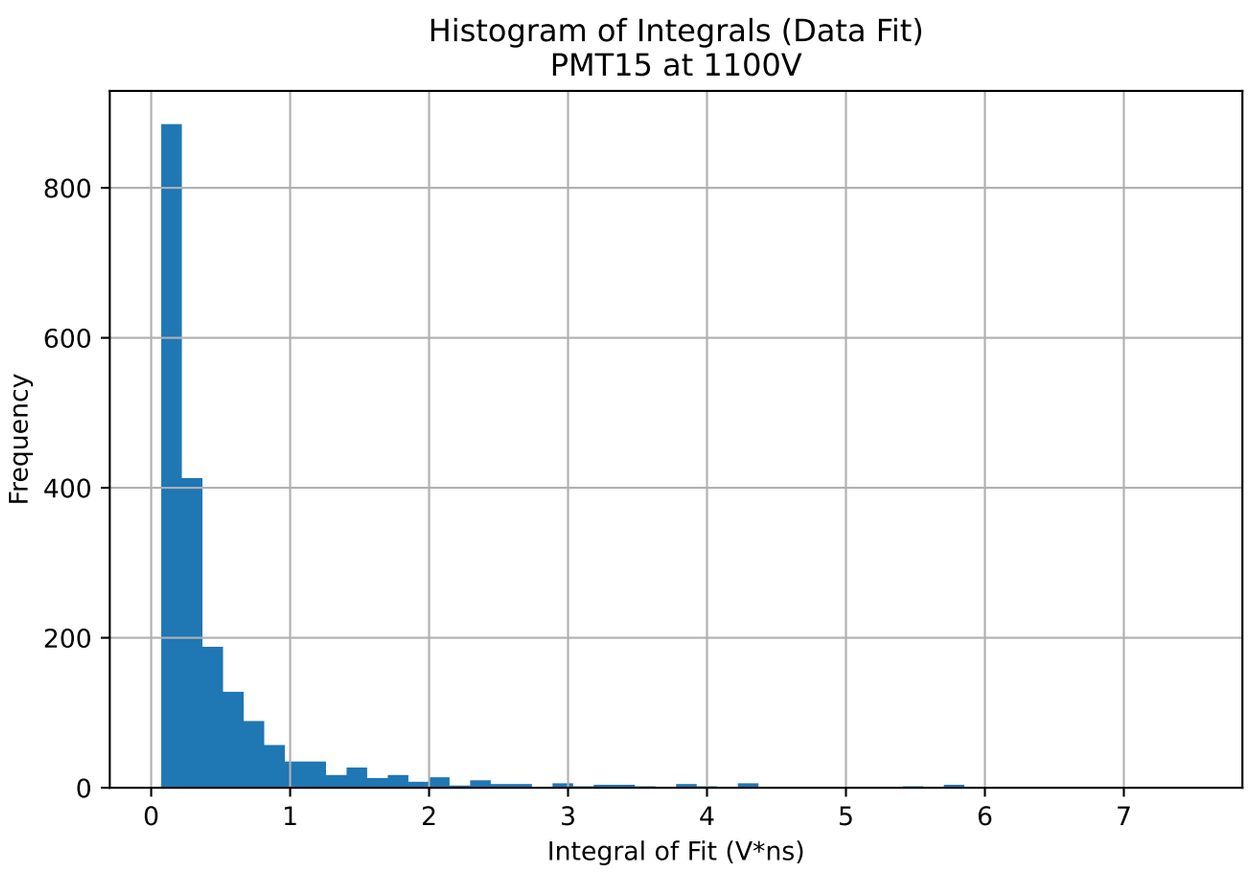
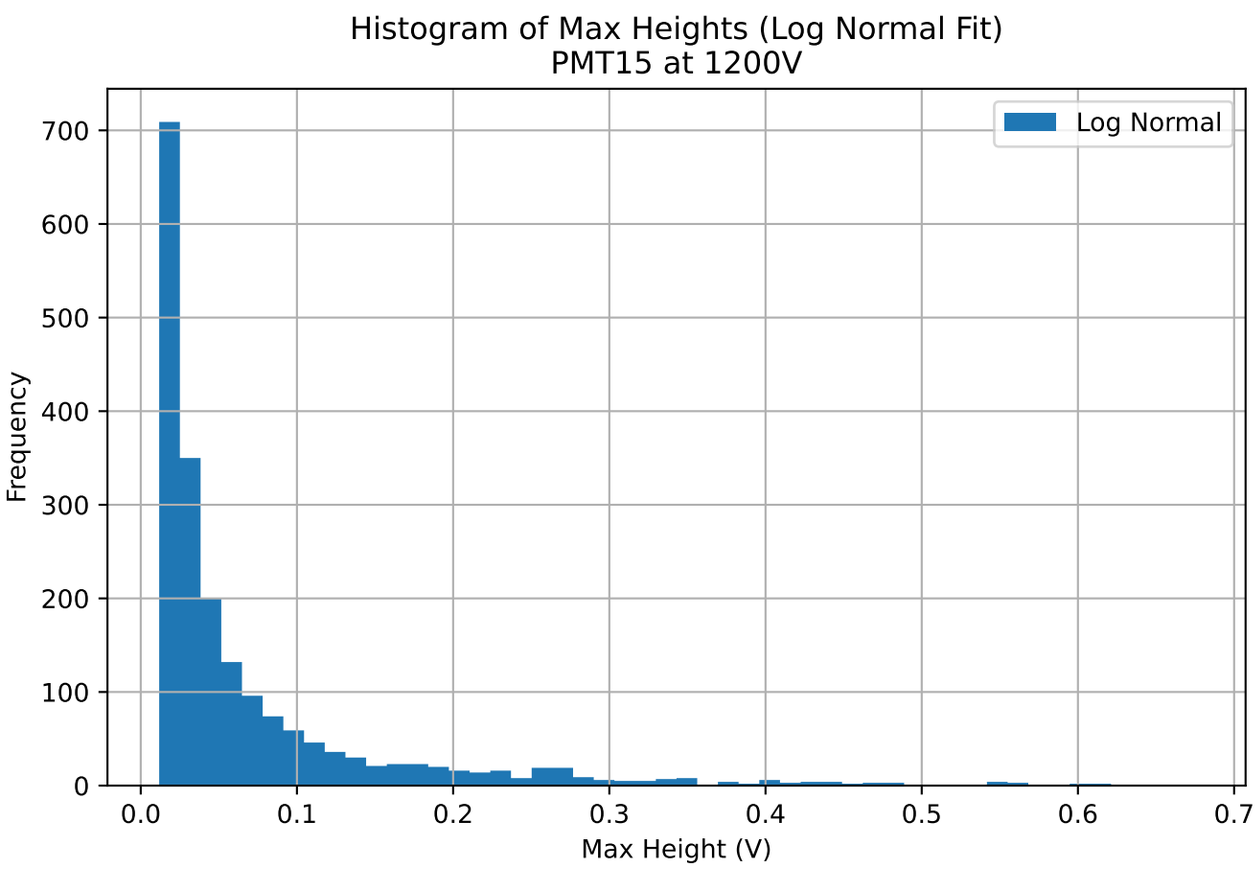
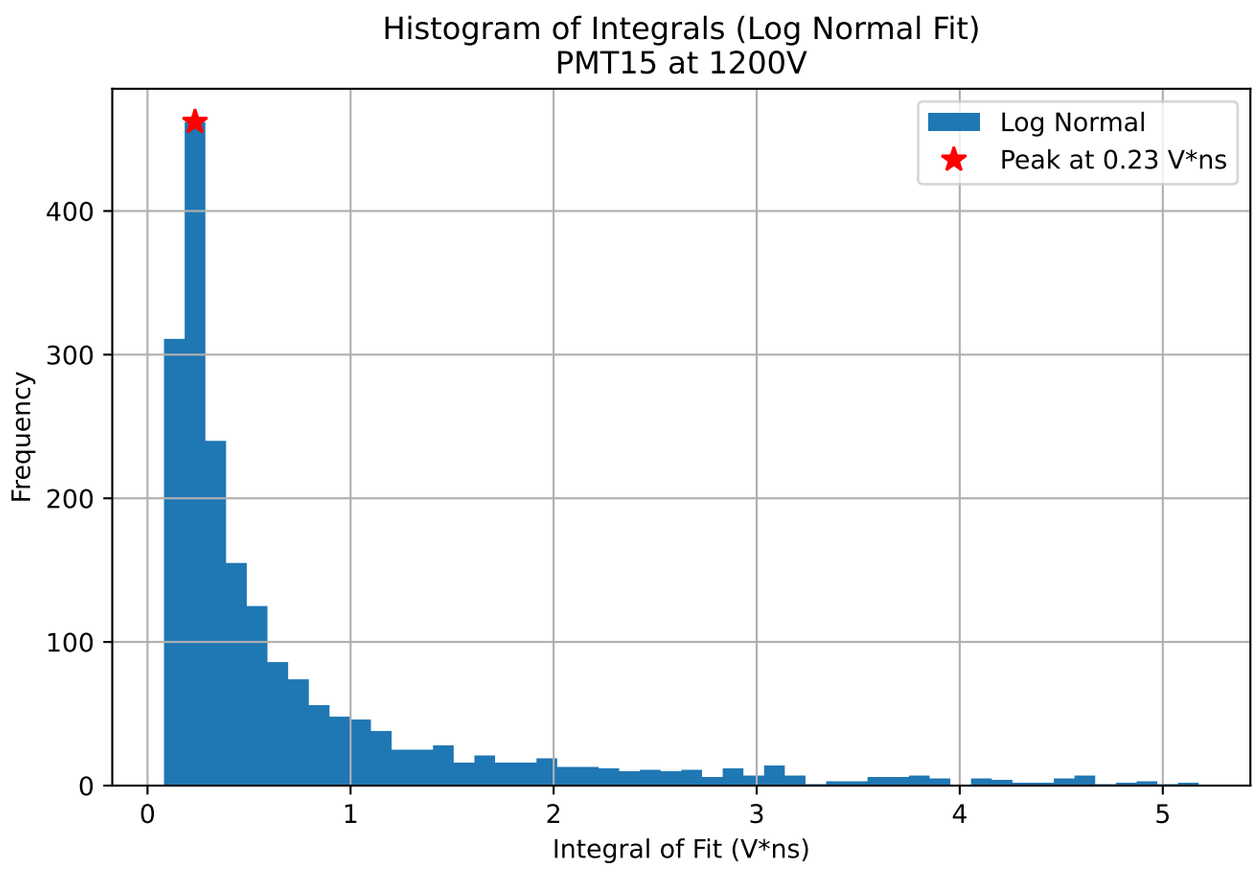

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1100V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.0
0.1
0.2
0.3
0.4


Histogram of Integrals (Log Normal Fit)
PMT15 at 1100V
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0


Histogram of Max Heights (Data Fit)
PMT15 at 1100V
Data
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40

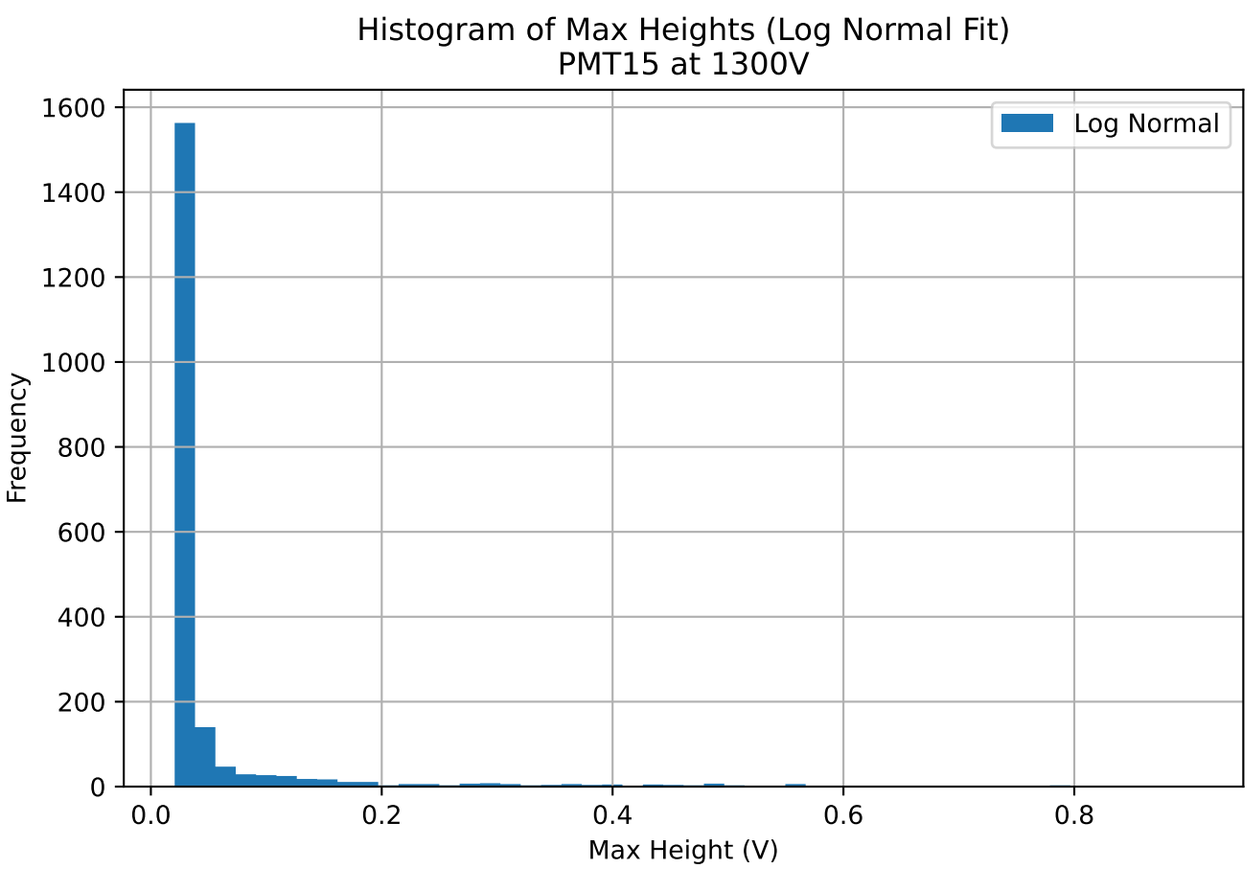

Histogram of Integrals (Data Fit)
PMT15 at 1100V
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
0
1
2
3
4
5
6
7

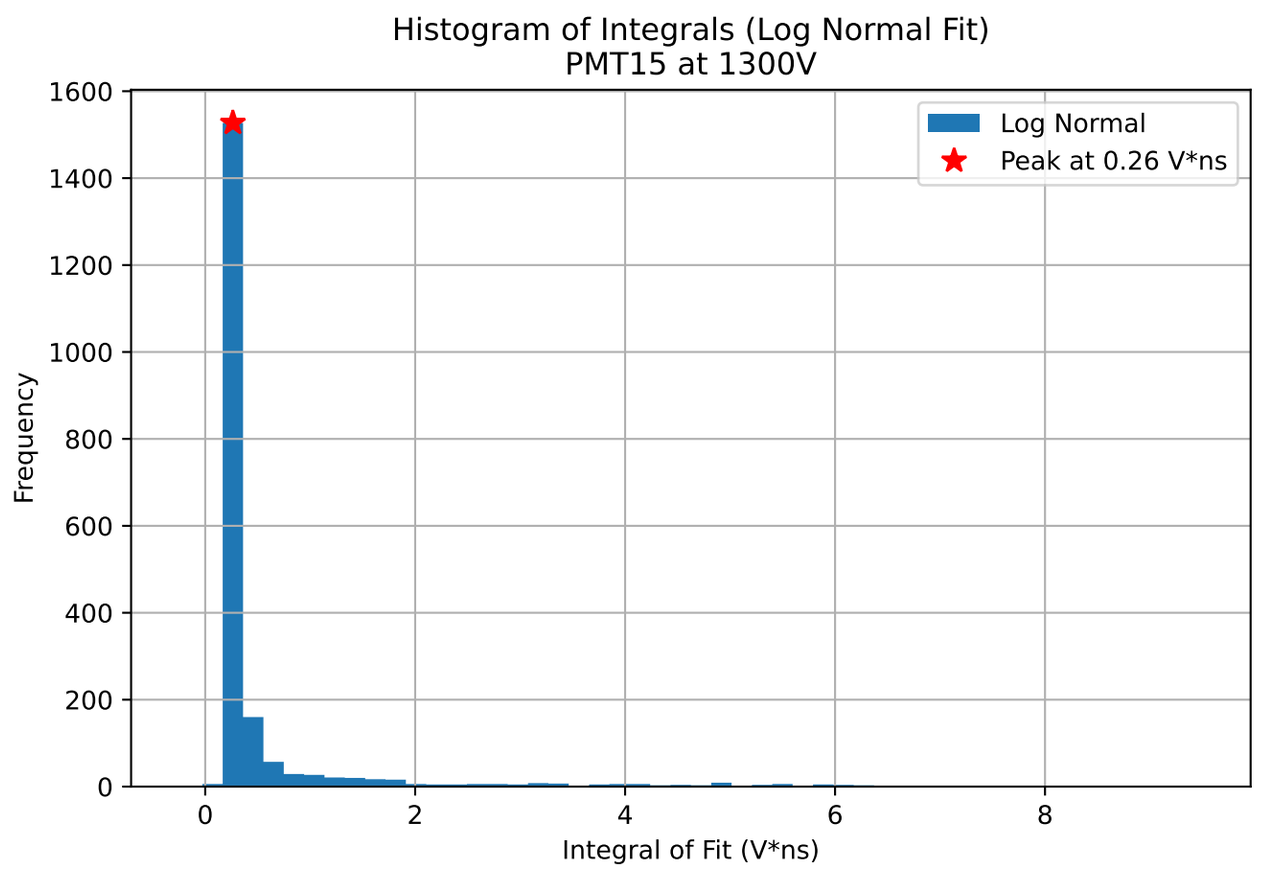

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1200V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

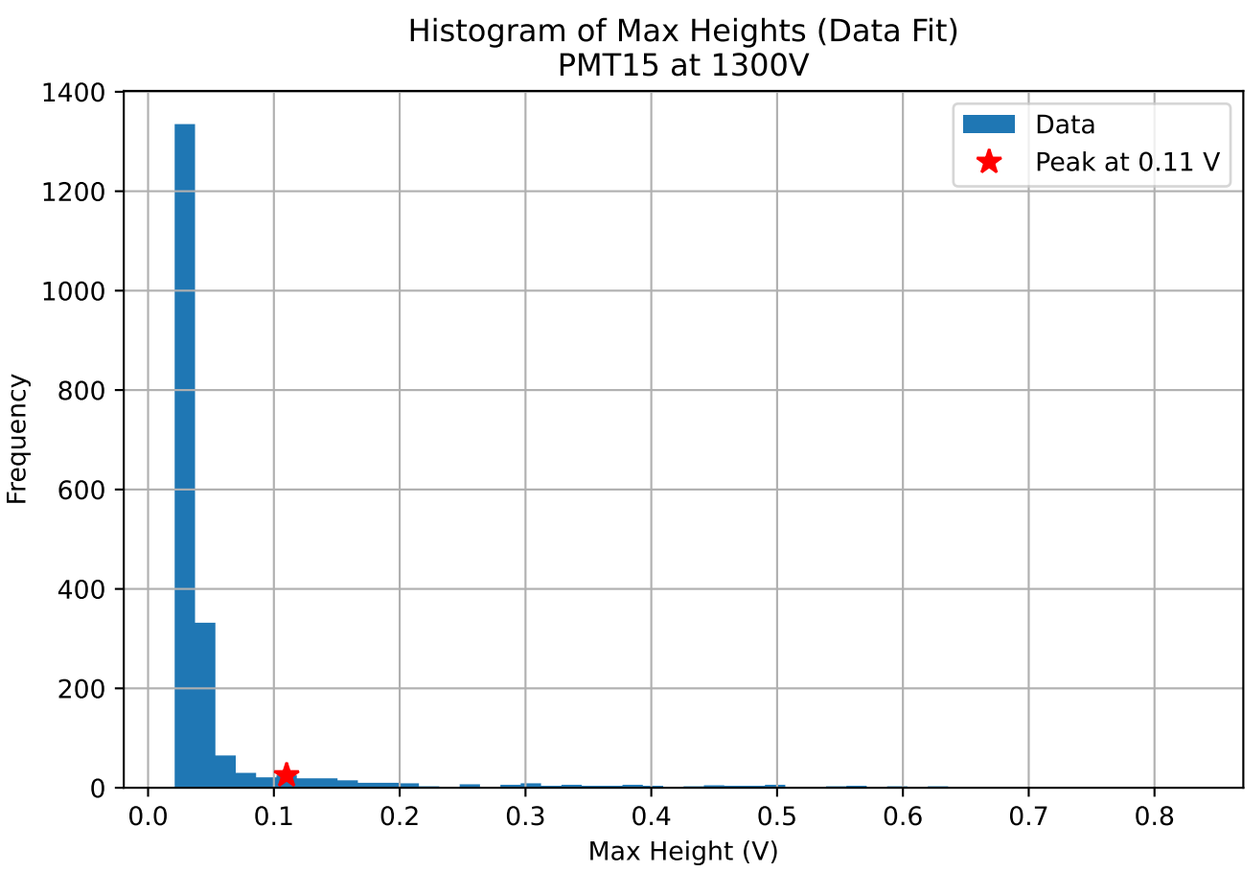

Histogram of Integrals (Log Normal Fit)
PMT15 at 1200V
Log Normal
Peak at 0.23 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
0
1
2
3
4
5

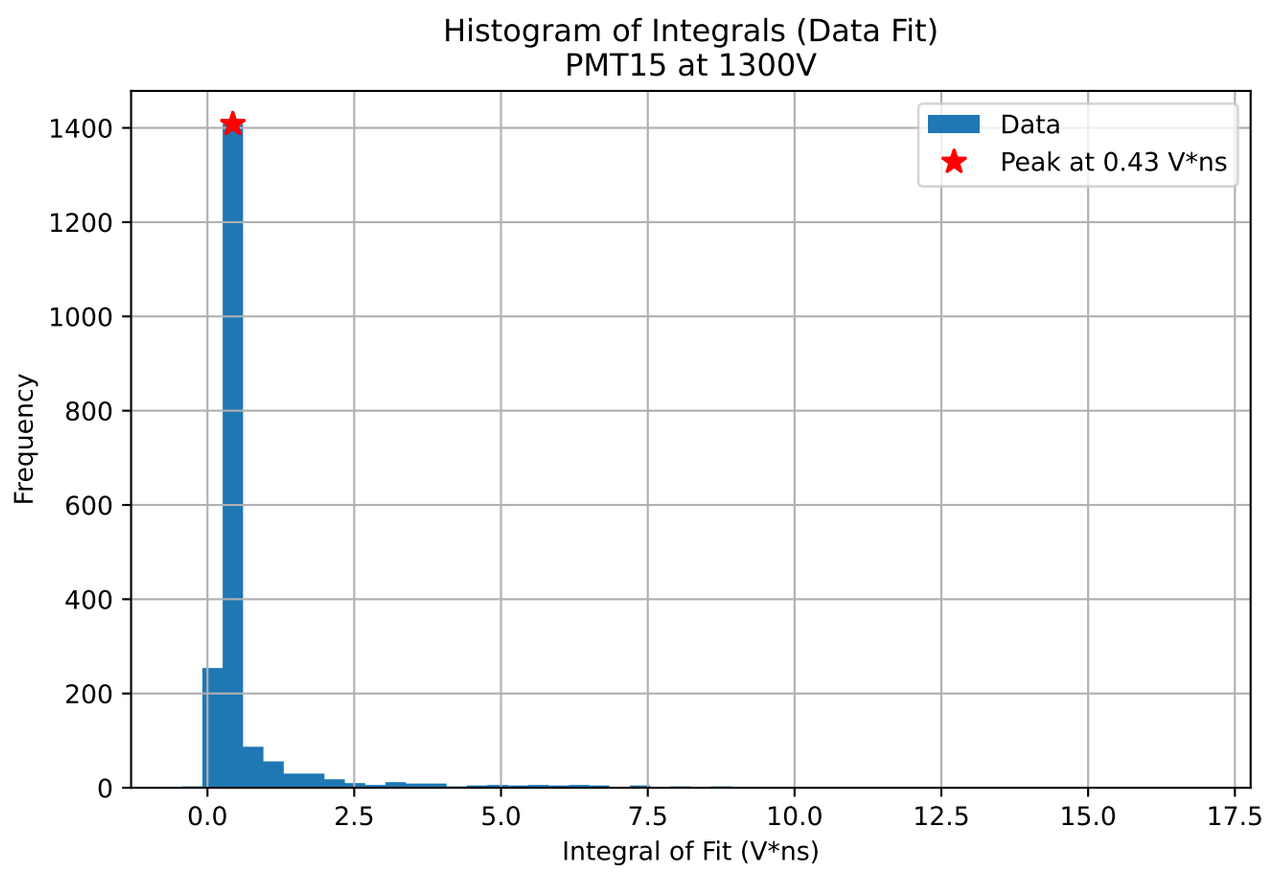
Histogram of Max Heights (Data Fit)
PMT15 at 1200V
Data
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.0
0.1
0.2
0.3
0.4
0.5
0.6

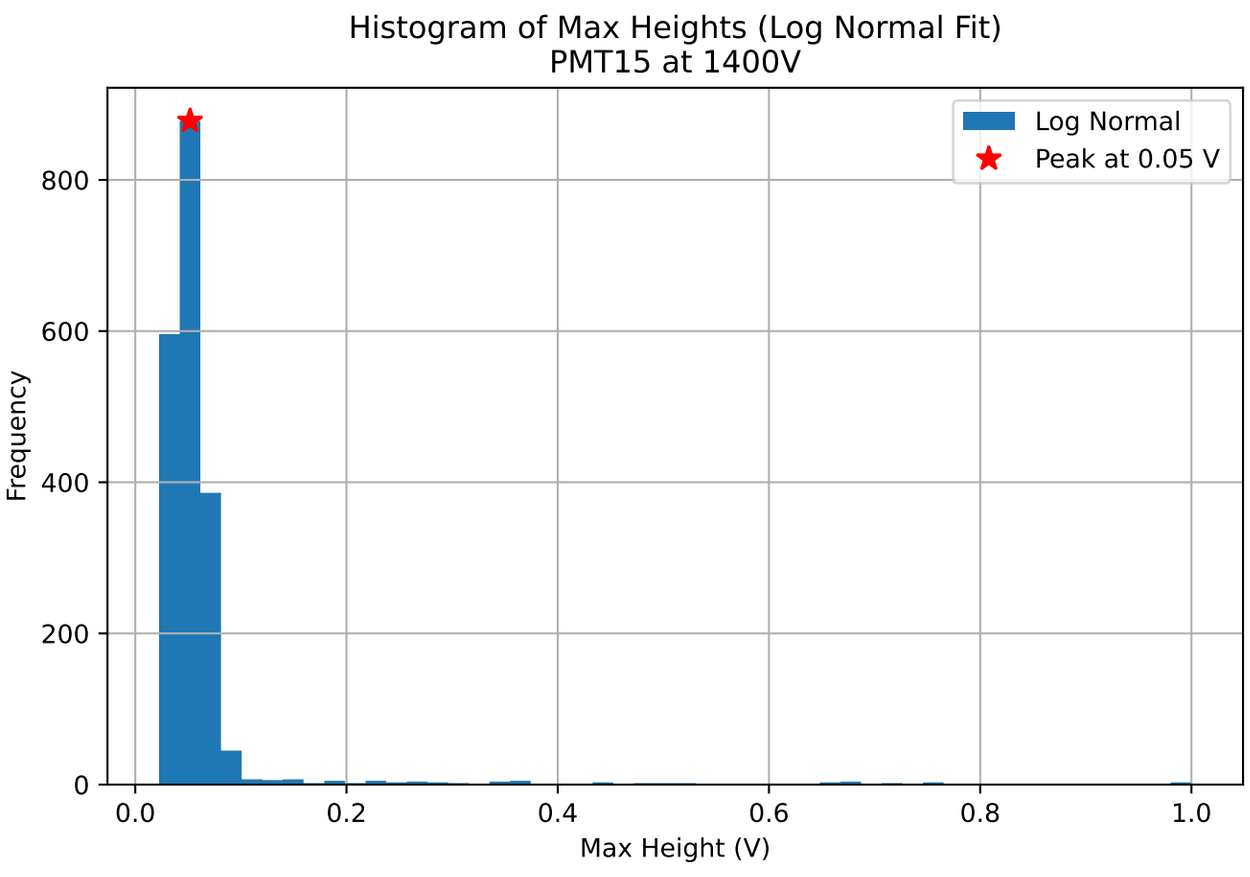
Histogram of Integrals (Data Fit)
PMT15 at 1200V
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
800
0
2
4
6
8
10
12

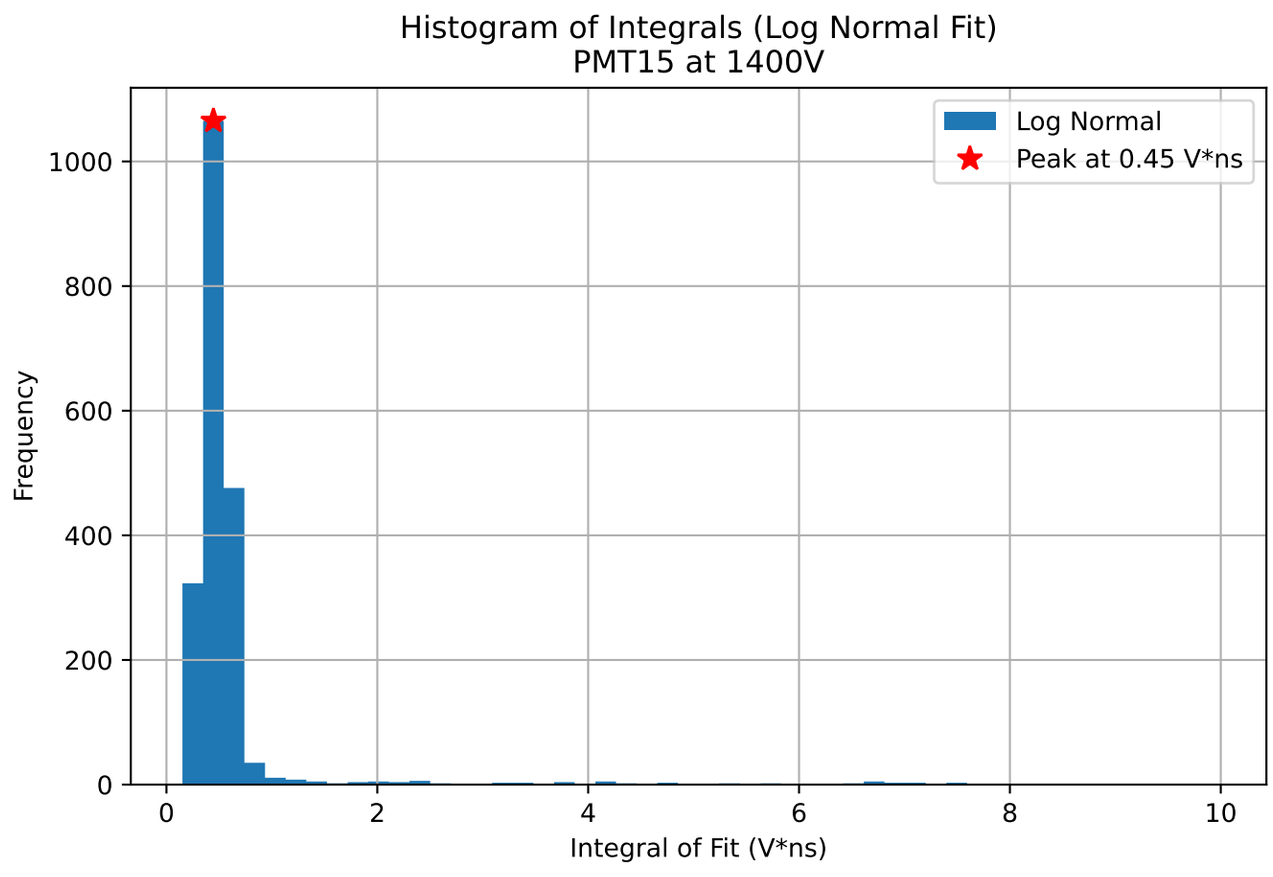

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1300V
Log Normal
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
1600
0.0
0.2
0.4
0.6
0.8

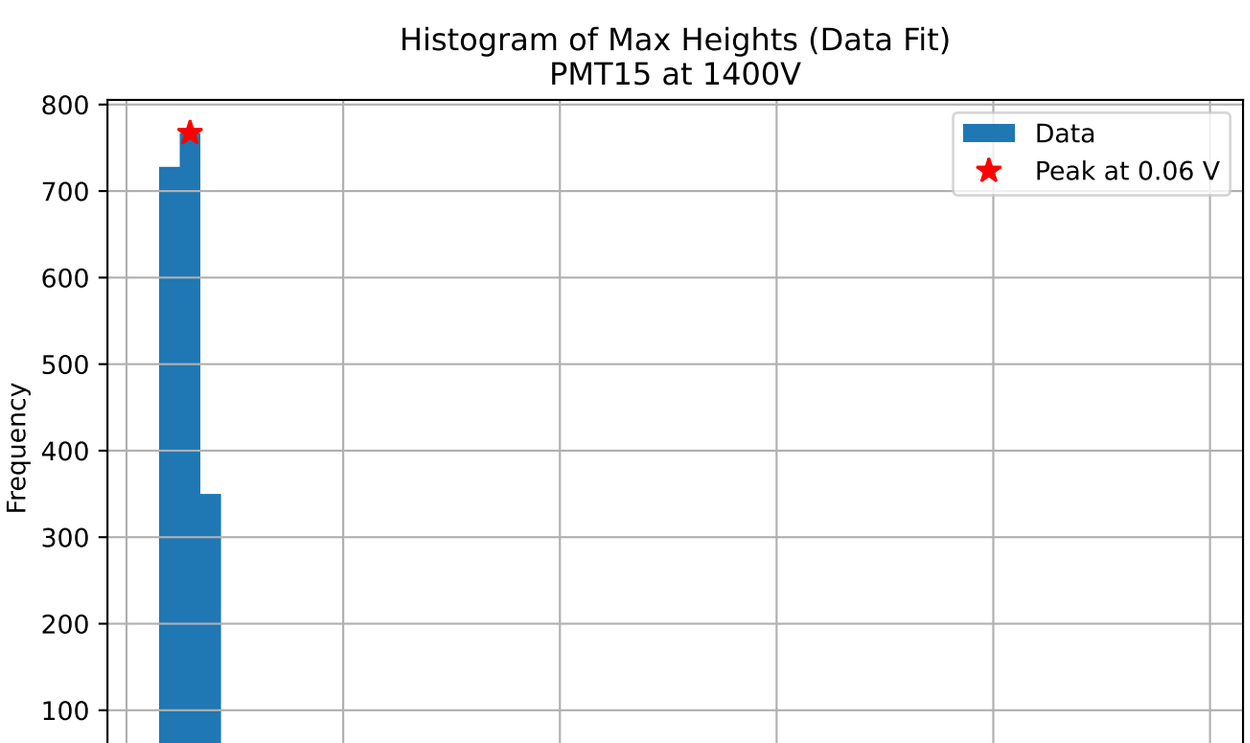

Histogram of Integrals (Log Normal Fit)
PMT15 at 1300V
Log Normal
Peak at 0.26 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
1600
0
2
4
6
8

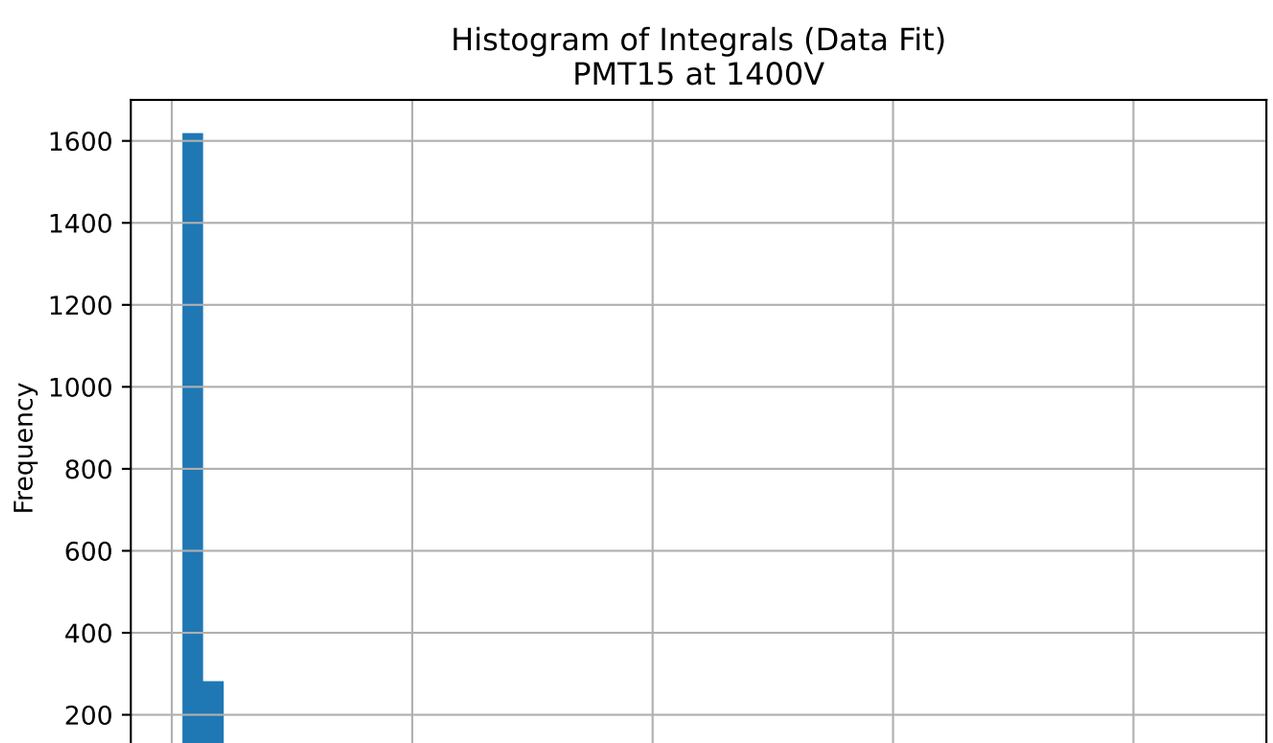

Histogram of Max Heights (Data Fit)
PMT15 at 1300V
Data
Peak at 0.11 V
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

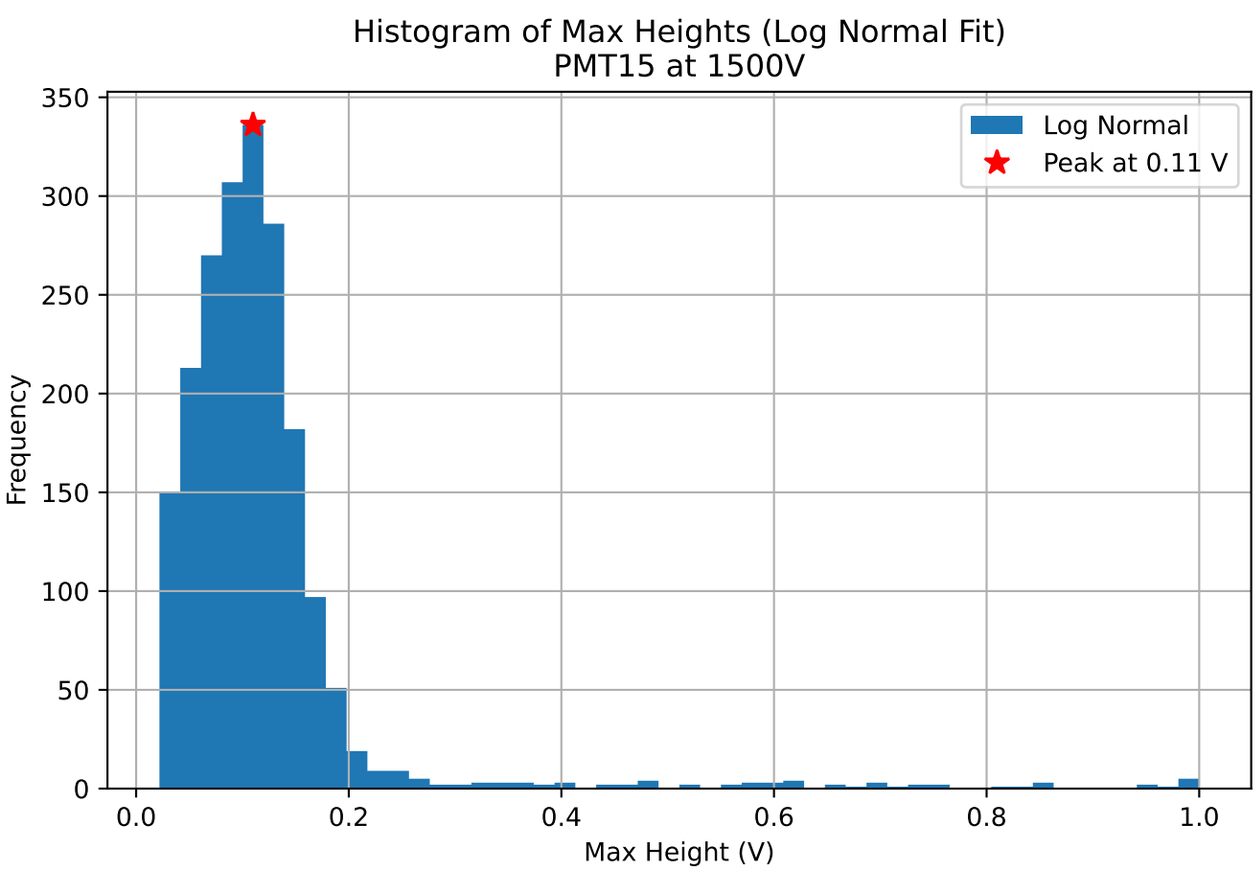

Histogram of Integrals (Data Fit)
PMT15 at 1300V
Data
Peak at 0.43 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5

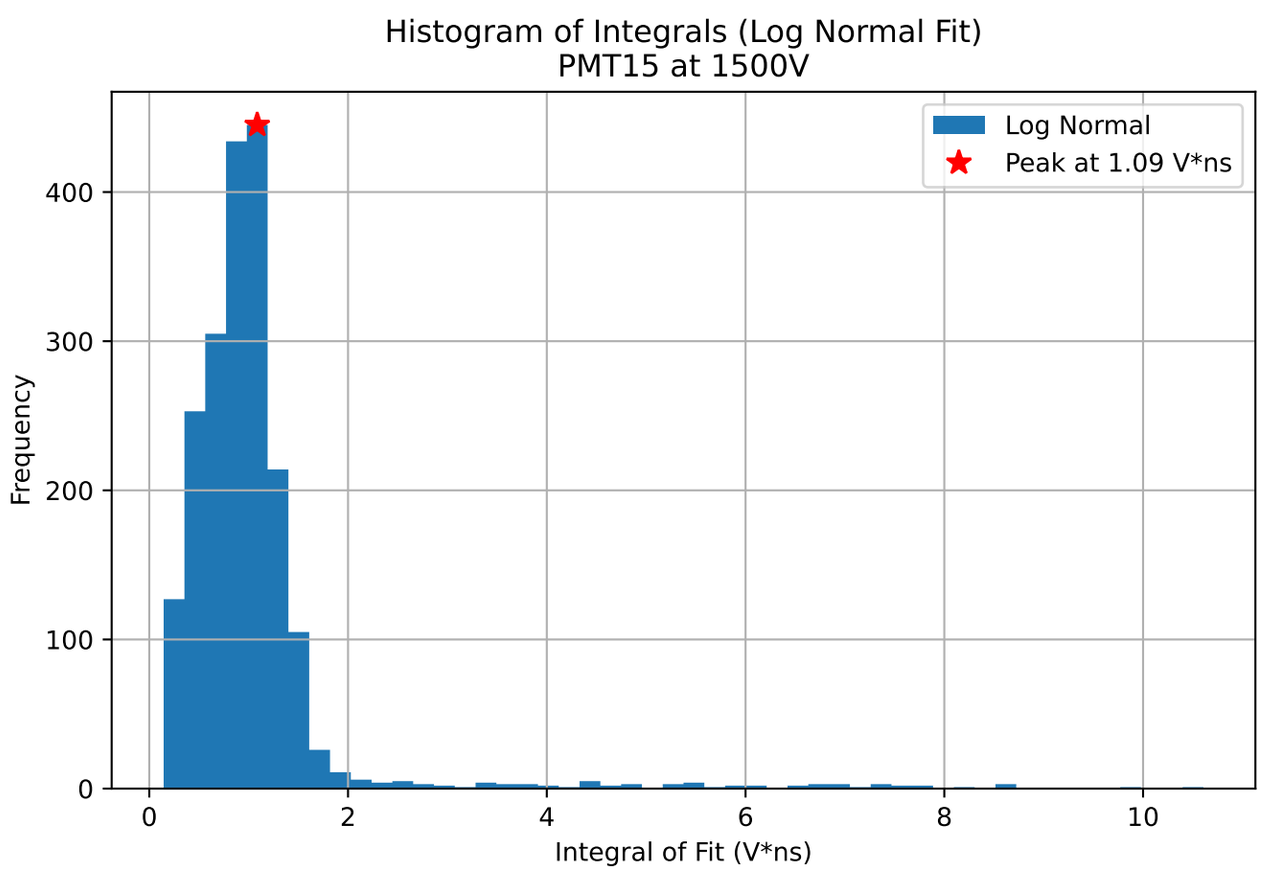

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1400V
Log Normal
Peak at 0.05 V
Frequency
Max Height (V)
0
200
400
600
800
0.0
0.2
0.4
0.6
0.8
1.0


Histogram of Integrals (Log Normal Fit)
PMT15 at 1400V
Log Normal
Peak at 0.45 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
0
2
4
6
8
10


Histogram of Max Heights (Data Fit)
PMT15 at 1400V
Data
Peak at 0.06 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.0
0.2
0.4
0.6
0.8
1.0

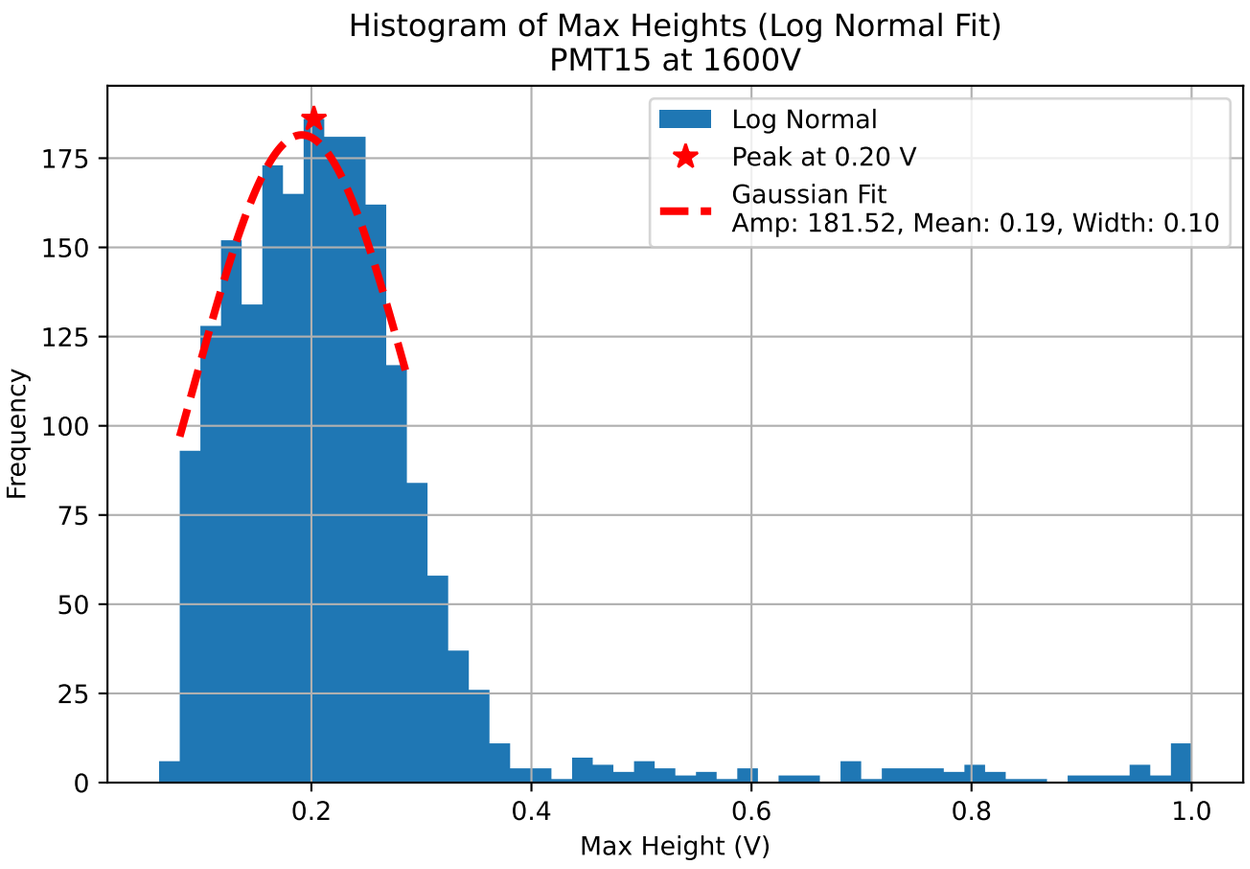

Histogram of Integrals (Data Fit)
PMT15 at 1400V
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
1600
0
5
10
15
20

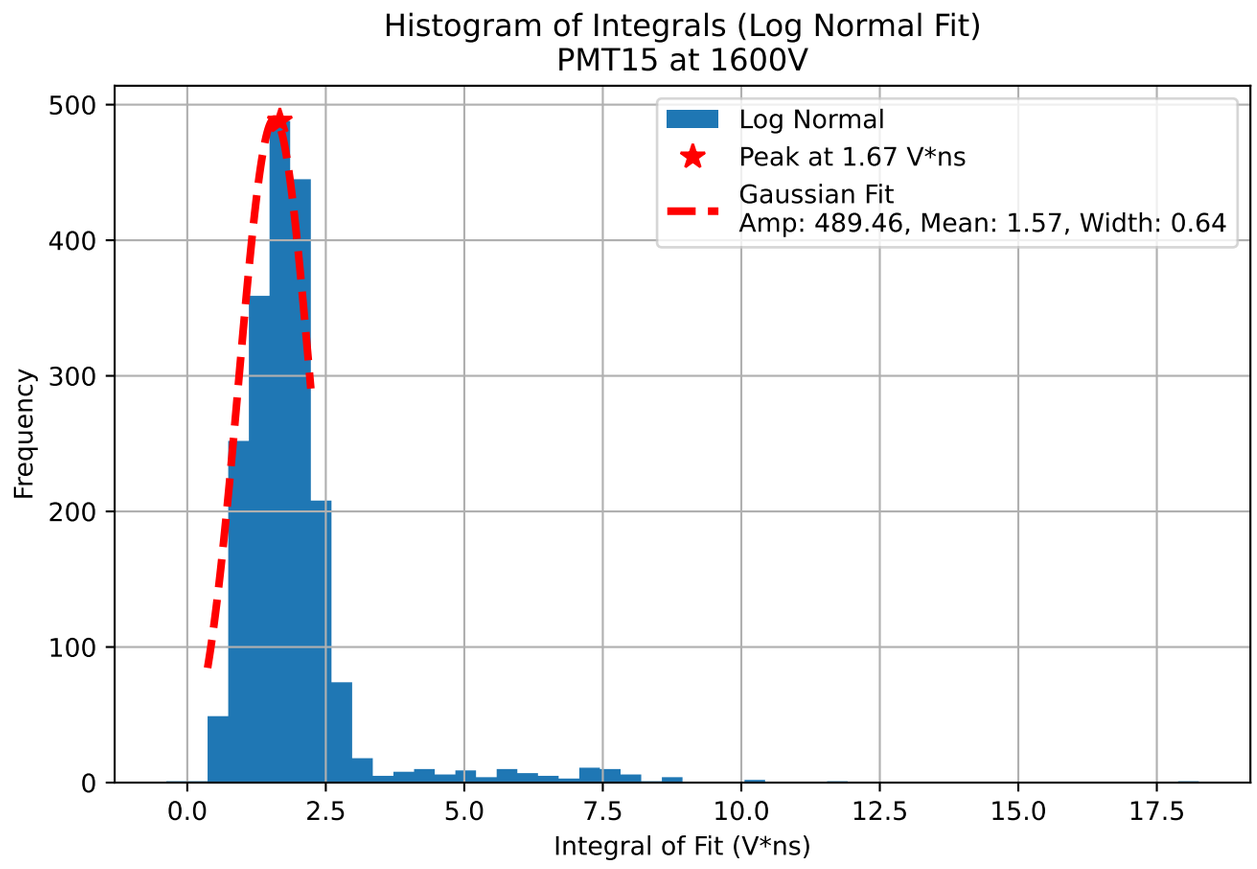

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1500V
Log Normal
Peak at 0.11 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
0.0
0.2
0.4
0.6
0.8
1.0

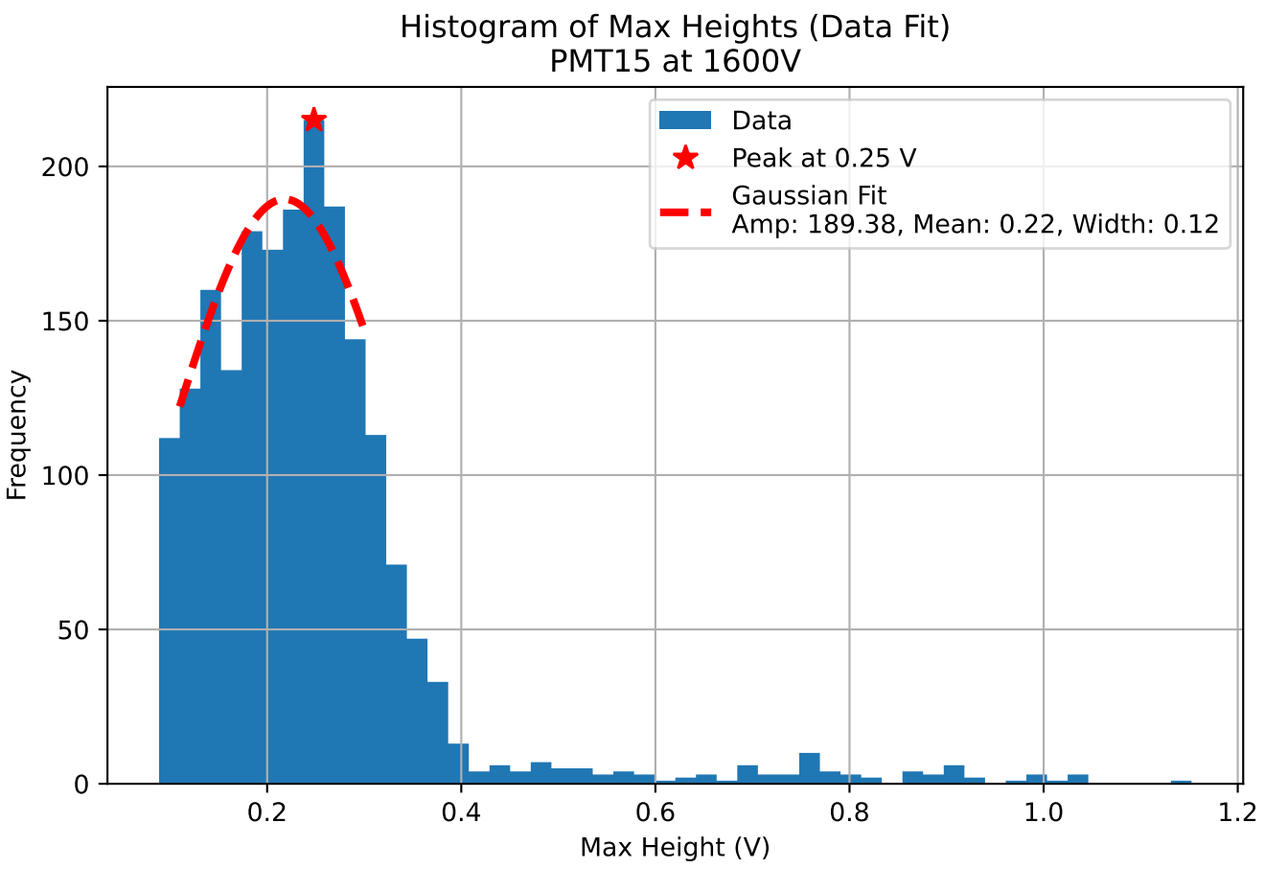

Histogram of Integrals (Log Normal Fit)
PMT15 at 1500V
Log Normal
Peak at 1.09 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
0
2
4
6
8
10

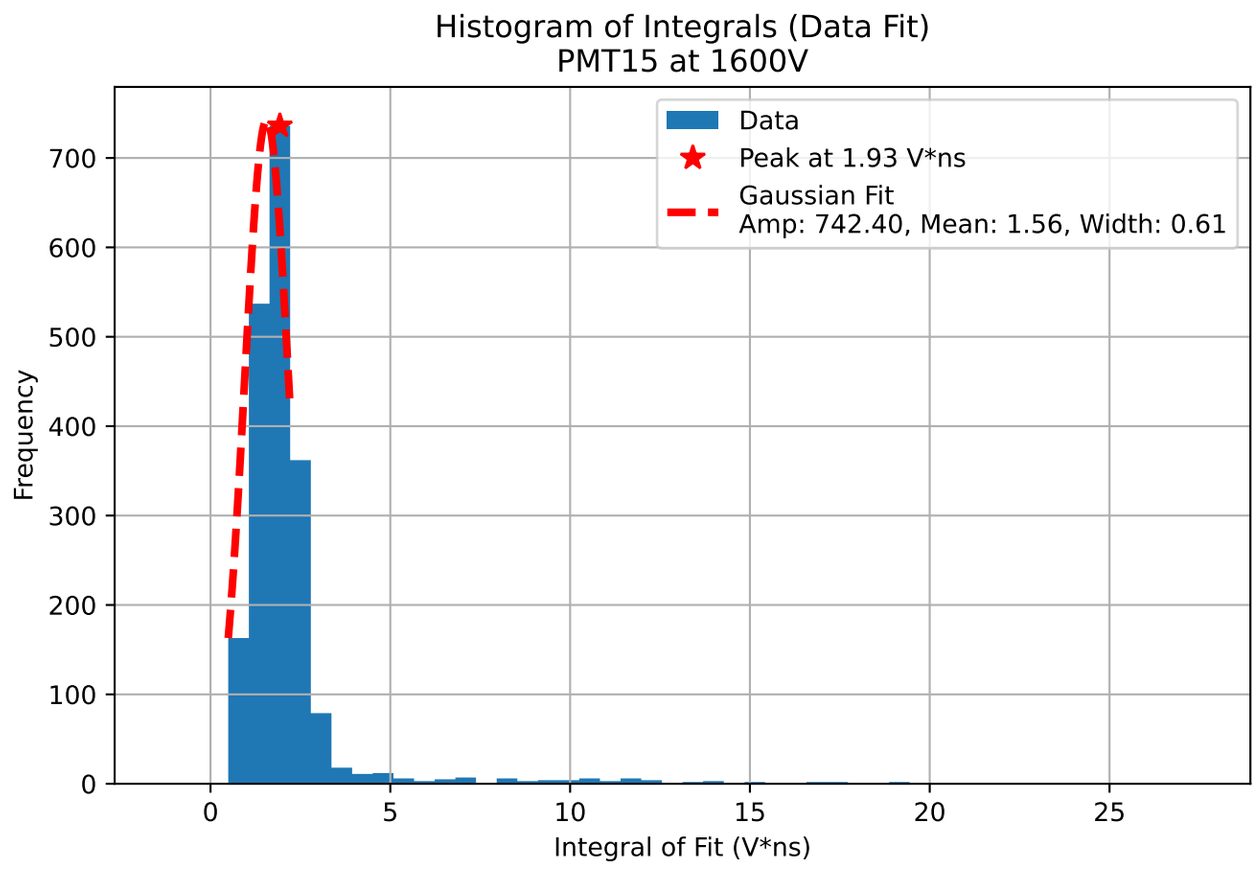
Histogram of Max Heights (Data Fit)
PMT15 at 1500V
Data
Peak at 0.10 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
0.0
0.2
0.4
0.6
0.8
1.0

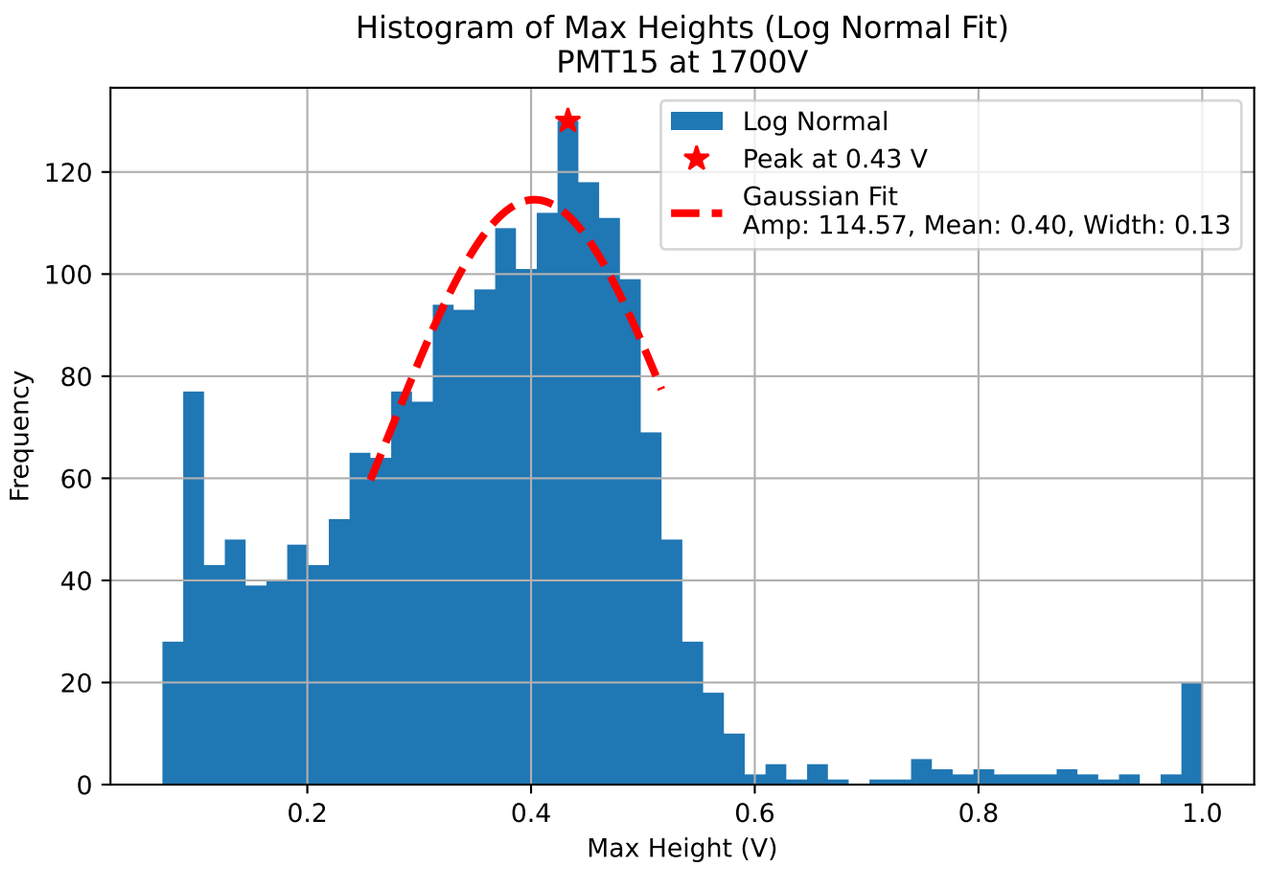
Histogram of Integrals (Data Fit)
PMT15 at 1500V
Data
Peak at 0.89 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
800
0
5
10
15
20

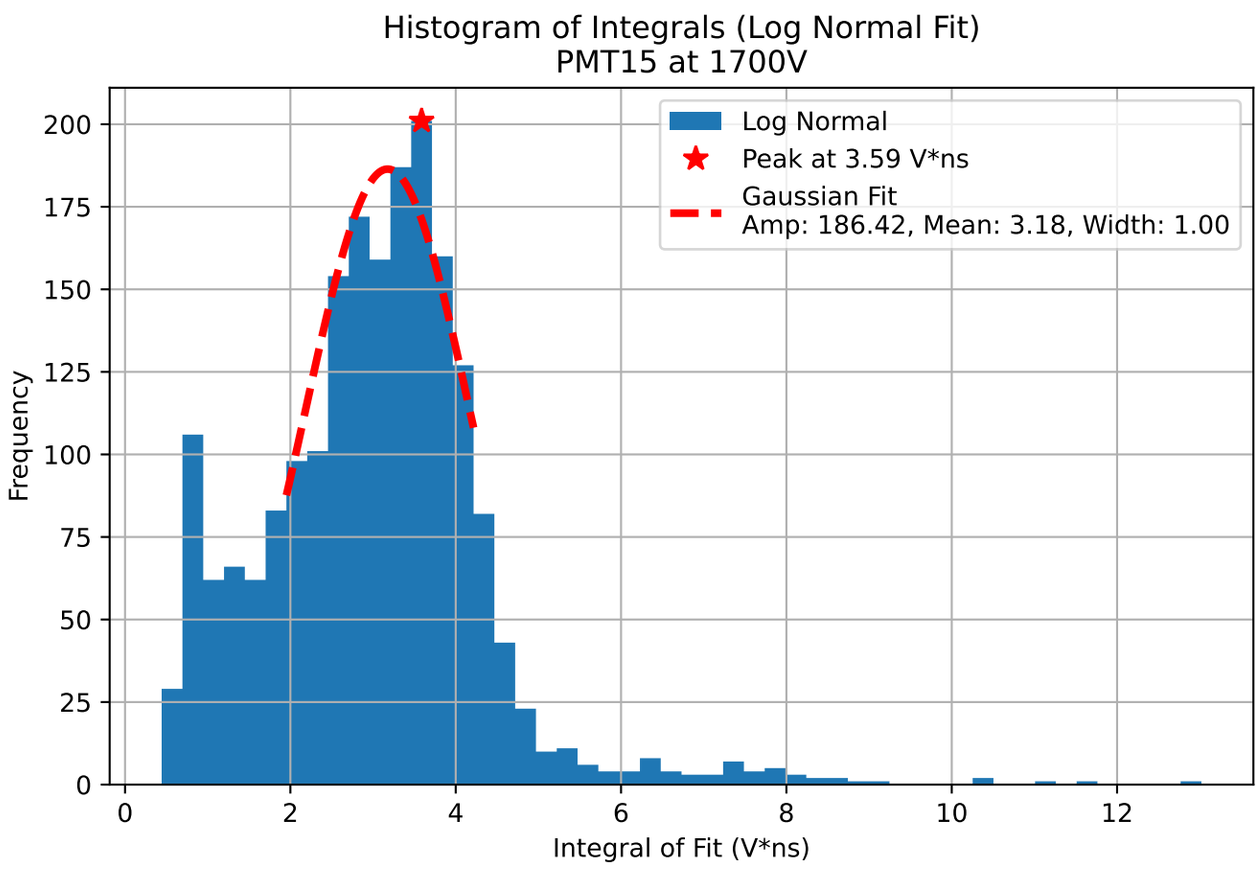

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1600V
Log Normal
Peak at 0.20 V
Gaussian Fit
Amp: 181.52, Mean: 0.19, Width: 0.10
Frequency
Max Height (V)

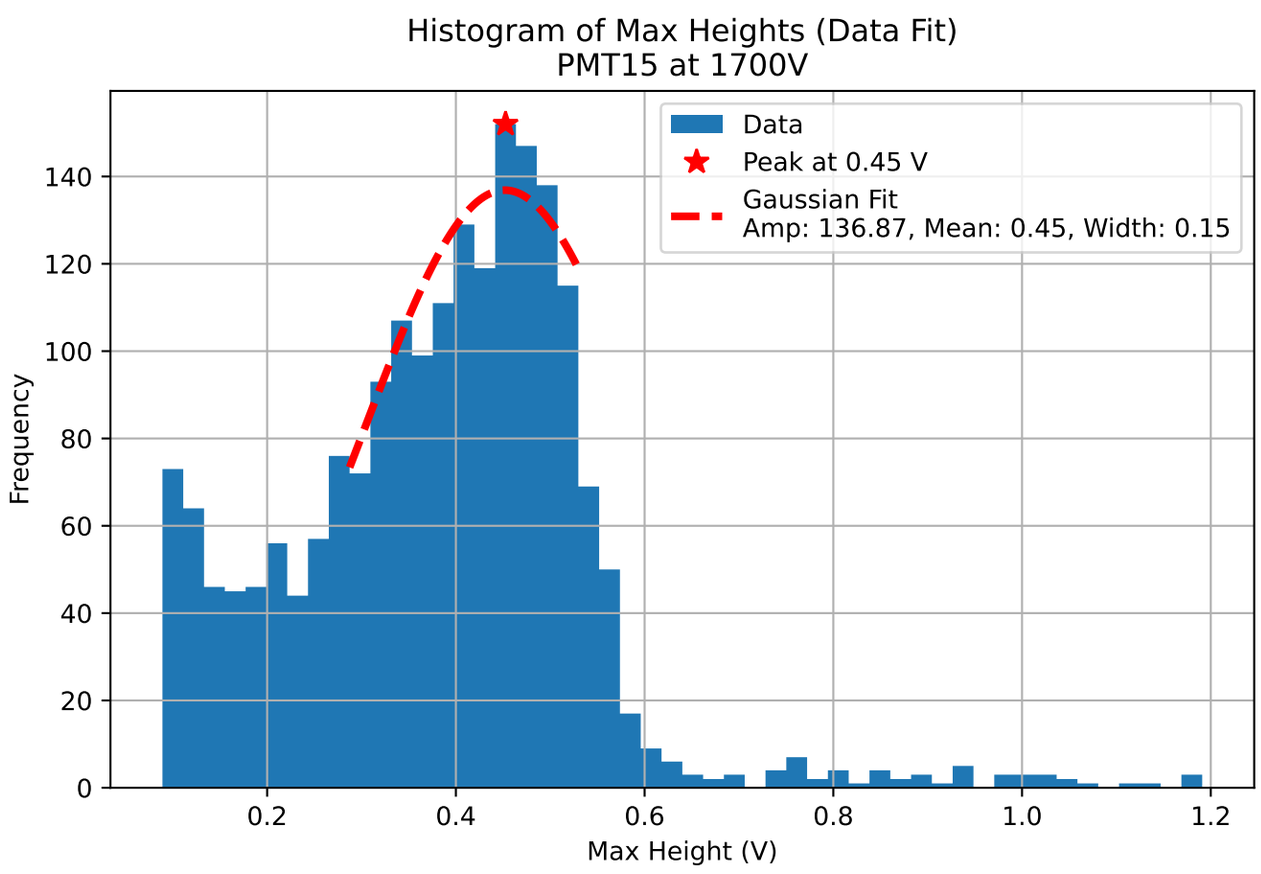

Histogram of Integrals (Log Normal Fit)
PMT15 at 1600V
Log Normal
Peak at 1.67 V*ns
Gaussian Fit
Amp: 489.46, Mean: 1.57, Width: 0.64
Frequency
Integral of Fit (V*ns)

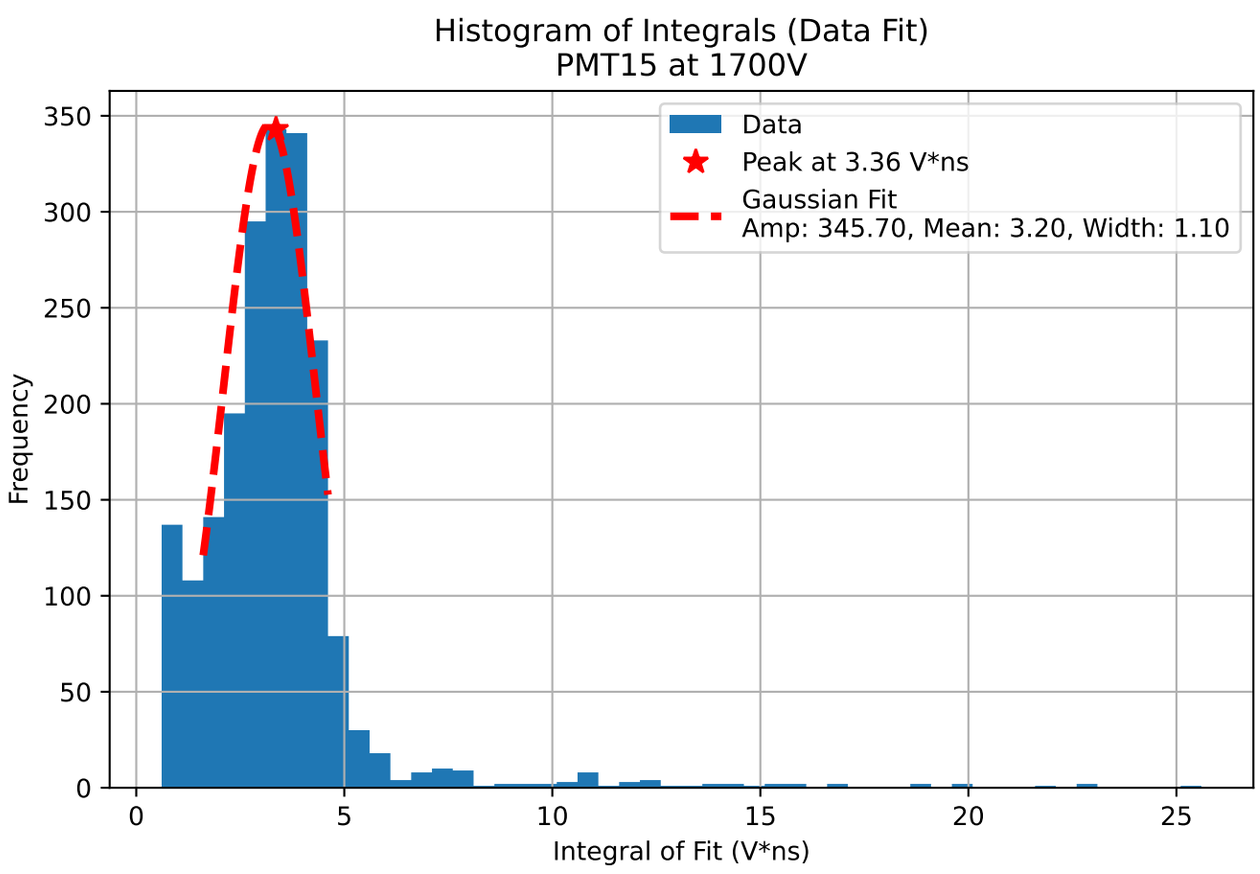

Histogram of Max Heights (Data Fit)
PMT15 at 1600V
Data
Peak at 0.25 V
Gaussian Fit
Amp: 189.38, Mean: 0.22, Width: 0.12
Frequency
Max Height (V)

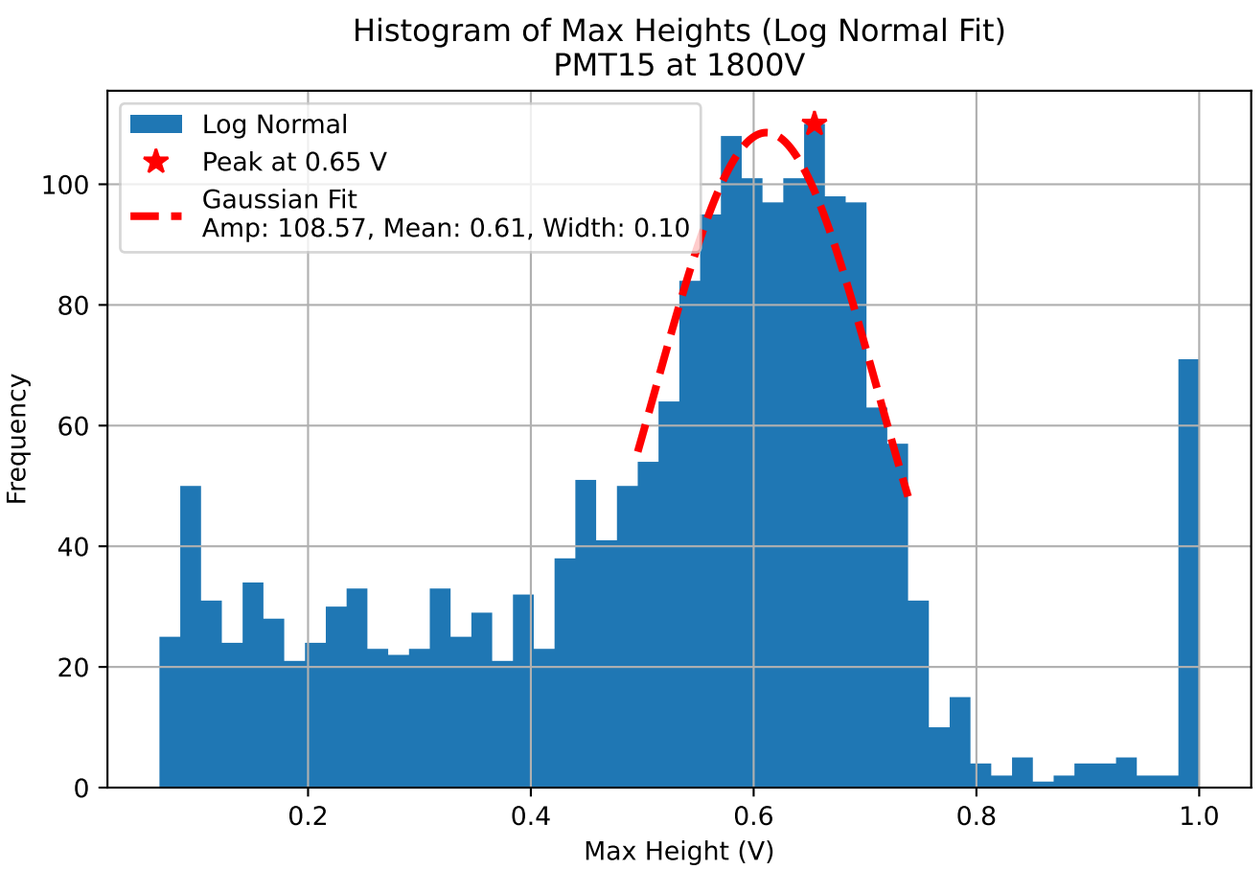

Histogram of Integrals (Data Fit)
PMT15 at 1600V
Data
Peak at 1.93 V*ns
Gaussian Fit
Amp: 742.40, Mean: 1.56, Width: 0.61
Frequency
Integral of Fit (V*ns)

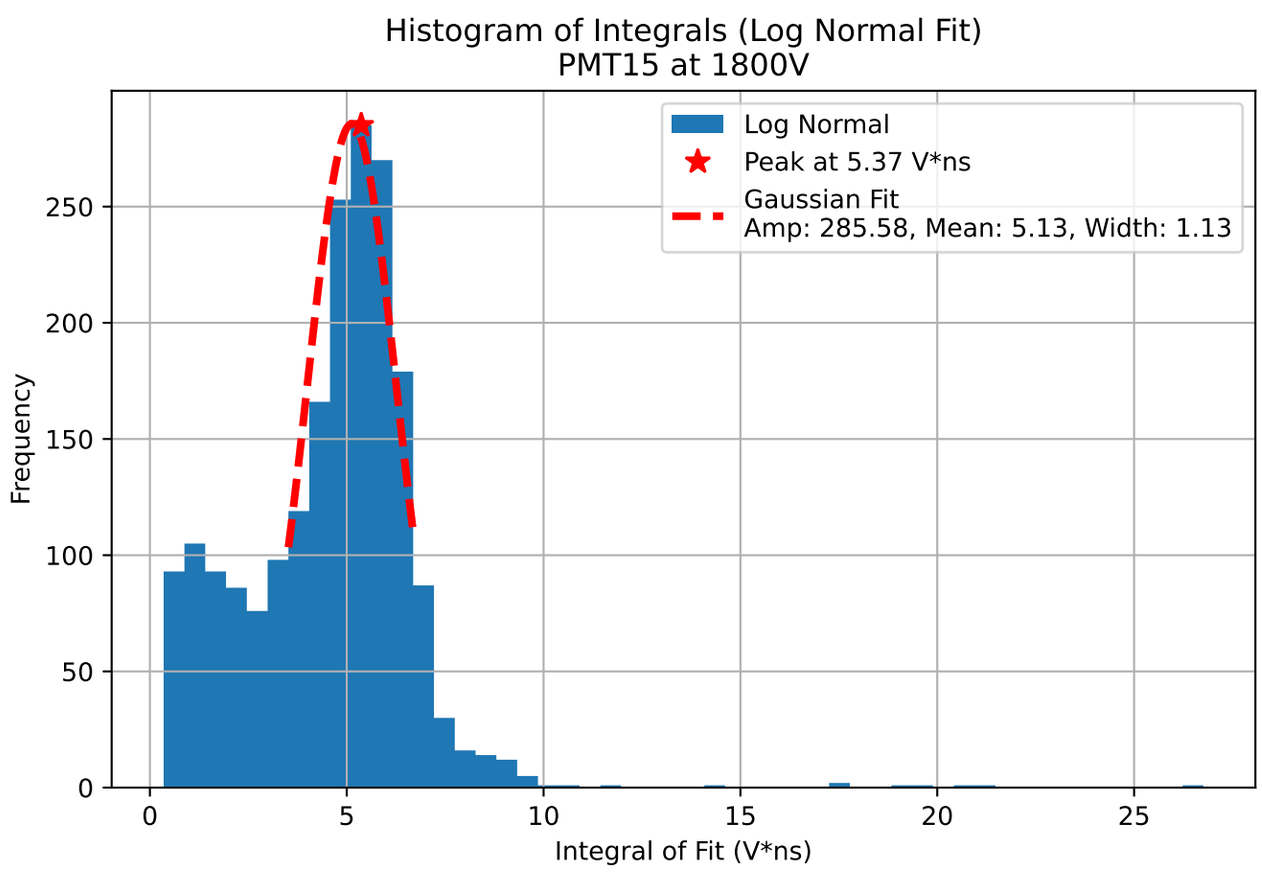

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1700V
Log Normal
Peak at 0.43 V
Gaussian Fit
Amp: 114.57, Mean: 0.40, Width: 0.13
Frequency
Max Height (V)

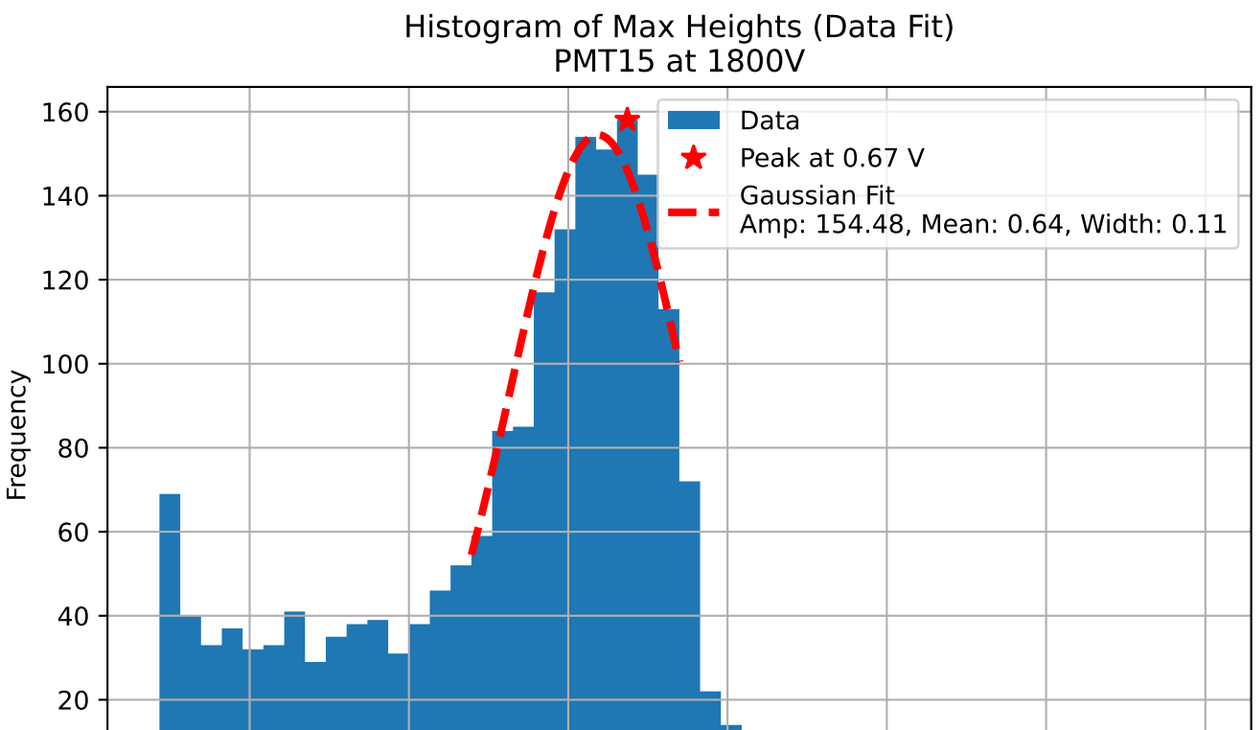

Histogram of Integrals (Log Normal Fit)
PMT15 at 1700V
Log Normal
Peak at 3.59 V*ns
Gaussian Fit
Amp: 186.42, Mean: 3.18, Width: 1.00
Frequency
Integral of Fit (V*ns)

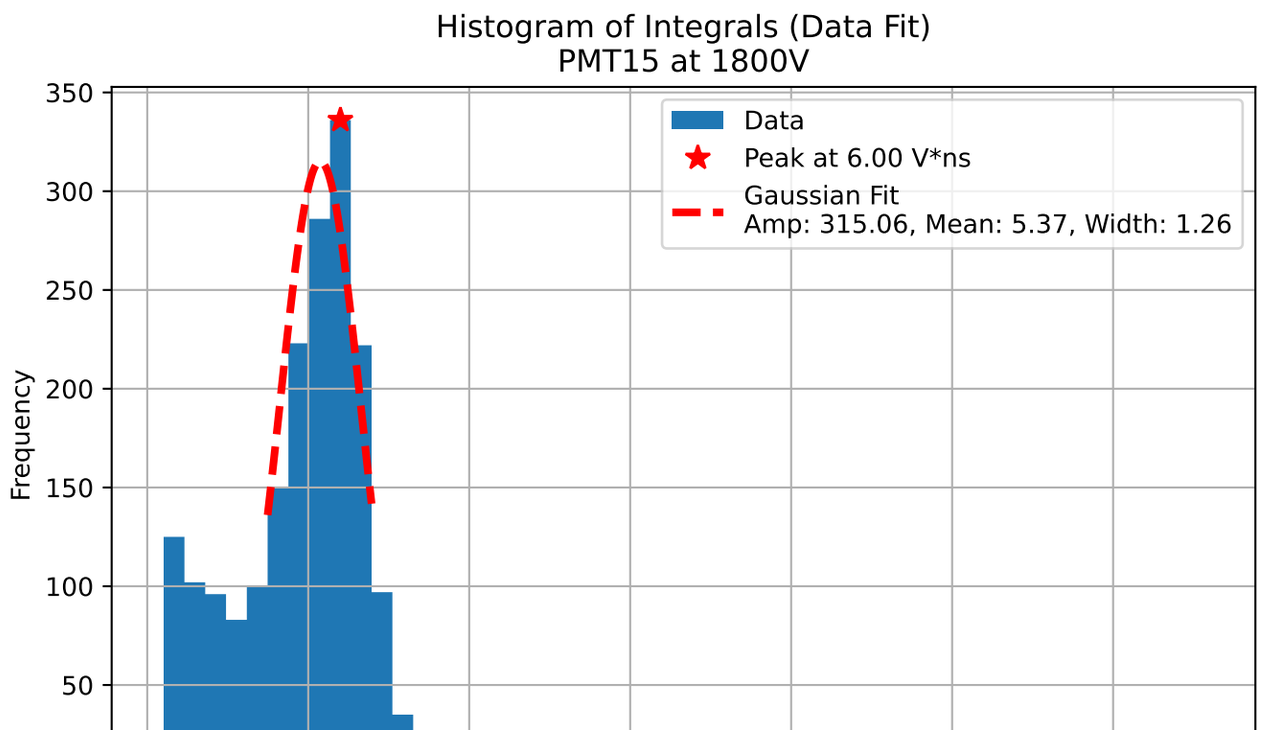

Histogram of Max Heights (Data Fit)
PMT15 at 1700V
Data
Peak at 0.45 V
Gaussian Fit
Amp: 136.87, Mean: 0.45, Width: 0.15
Frequency
Max Height (V)

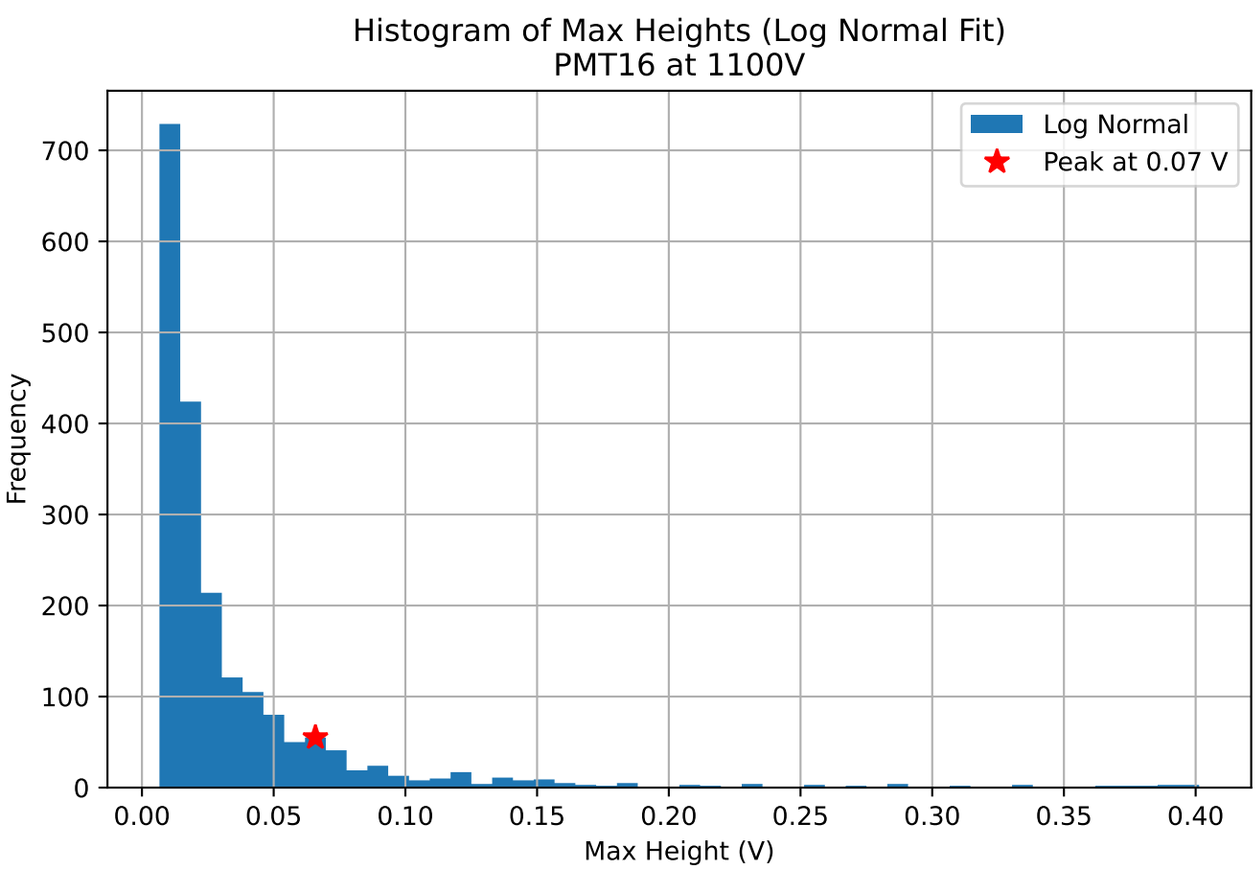

Histogram of Integrals (Data Fit)
PMT15 at 1700V
Data
Peak at 3.36 V*ns
Gaussian Fit
Amp: 345.70, Mean: 3.20, Width: 1.10
Frequency
Integral of Fit (V*ns)

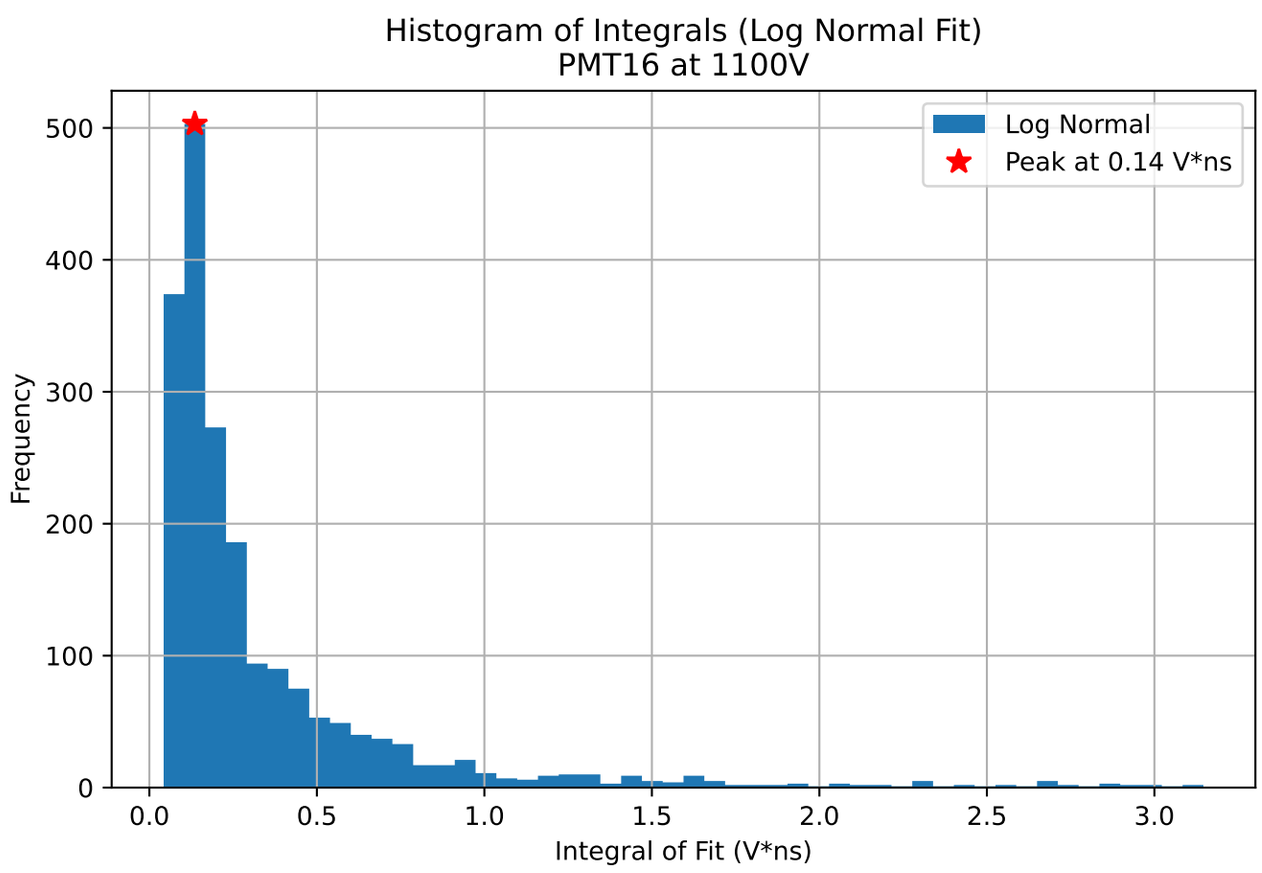

Histogram of Max Heights (Log Normal Fit)
PMT15 at 1800V
Log Normal
Peak at 0.65 V
Gaussian Fit
Amp: 108.57, Mean: 0.61, Width: 0.10
Frequency
Max Height (V)

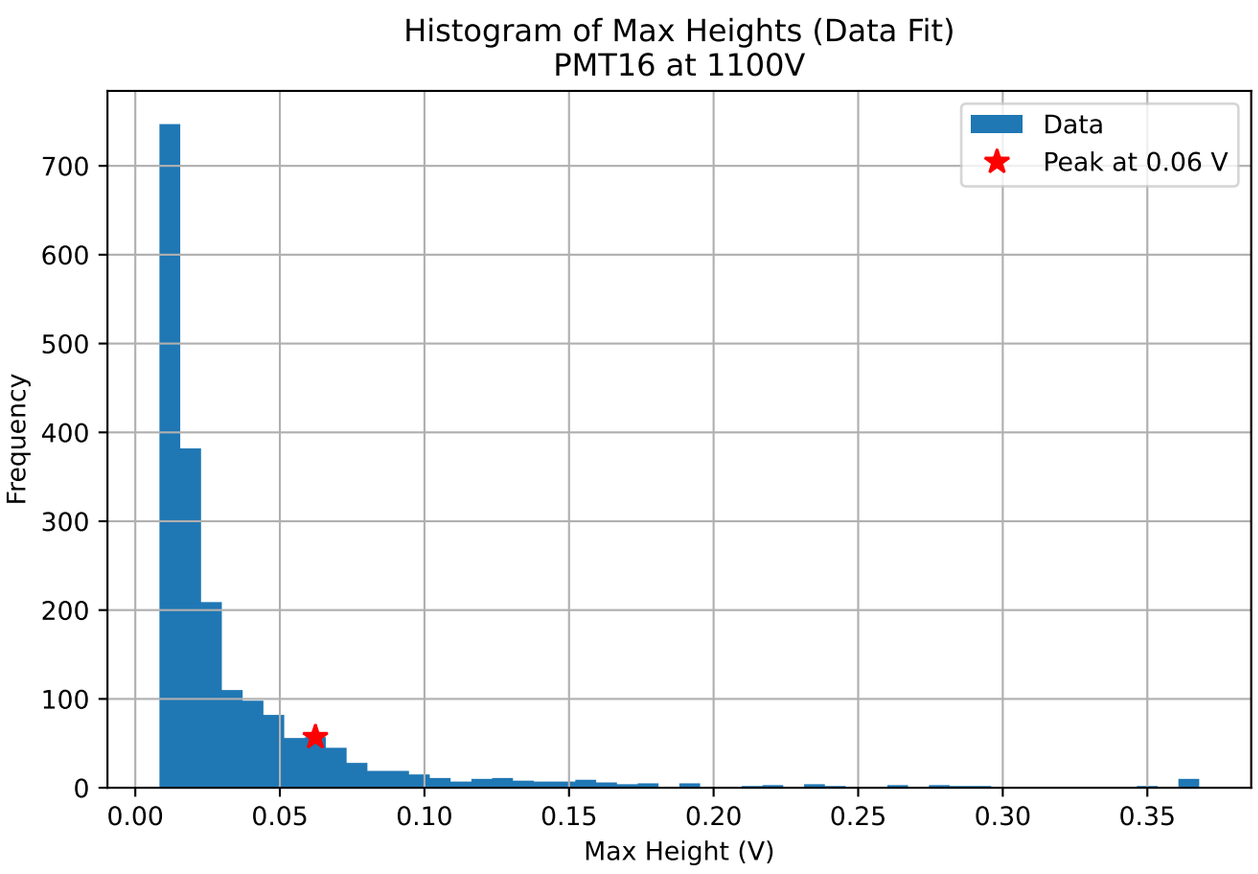

Histogram of Integrals (Log Normal Fit)
PMT15 at 1800V
Log Normal
Peak at 5.37 V*ns
Gaussian Fit
Amp: 285.58, Mean: 5.13, Width: 1.13
Frequency
Integral of Fit (V*ns)

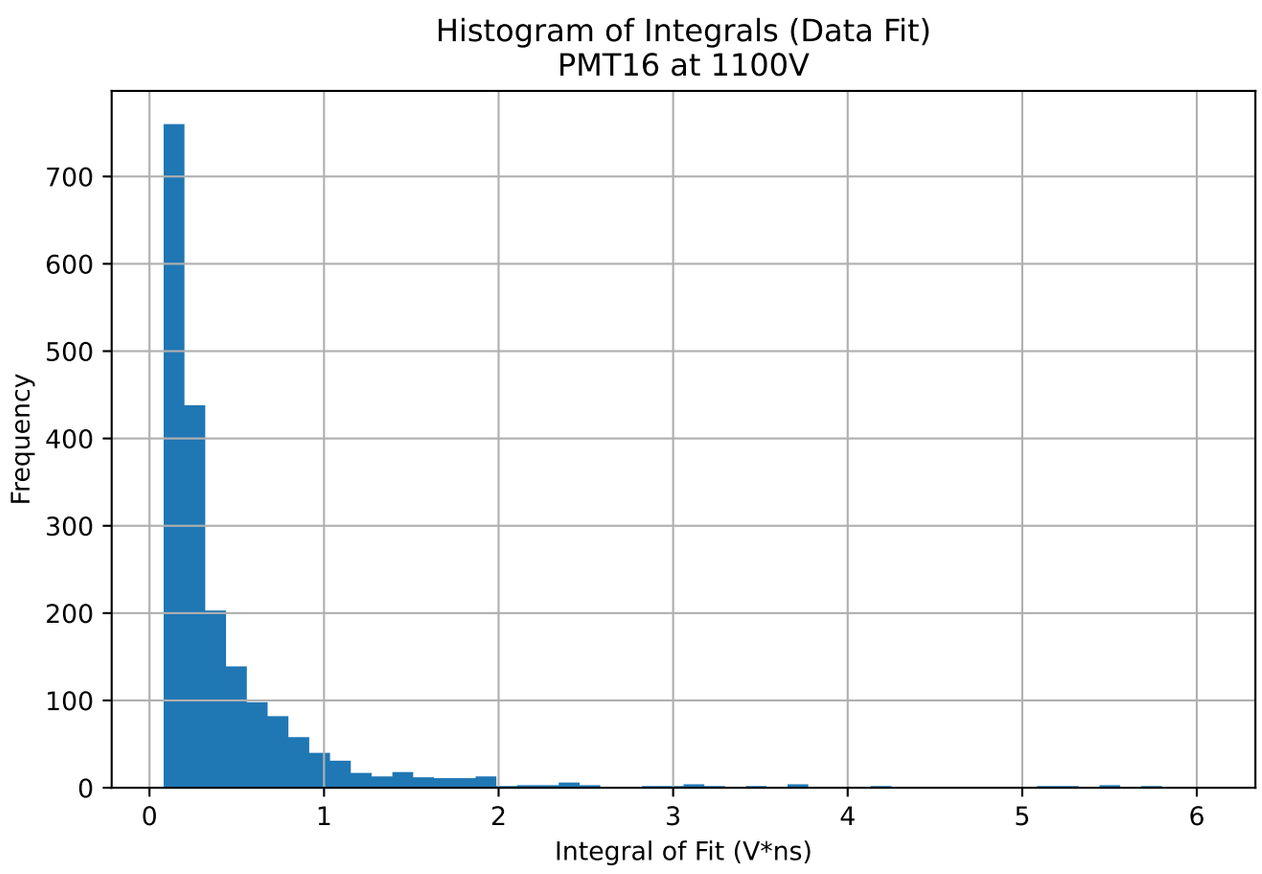

Histogram of Max Heights (Data Fit)
PMT15 at 1800V
Data
Peak at 0.67 V
Gaussian Fit
Amp: 154.48, Mean: 0.64, Width: 0.11
Frequency
Max Height (V)

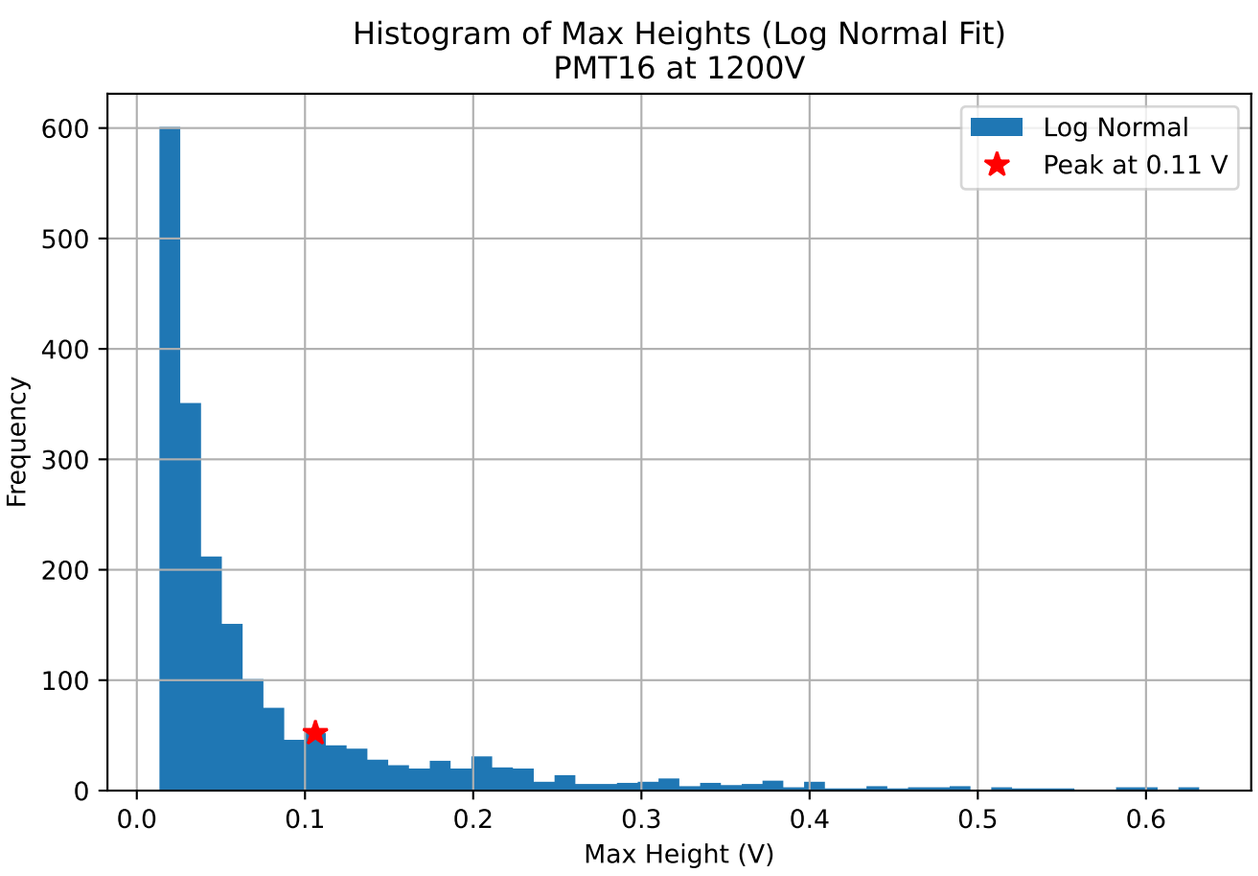

Histogram of Integrals (Data Fit)
PMT15 at 1800V
Data
Peak at 6.00 V*ns
Gaussian Fit
Amp: 315.06, Mean: 5.37, Width: 1.26
Frequency
Integral of Fit (V*ns)

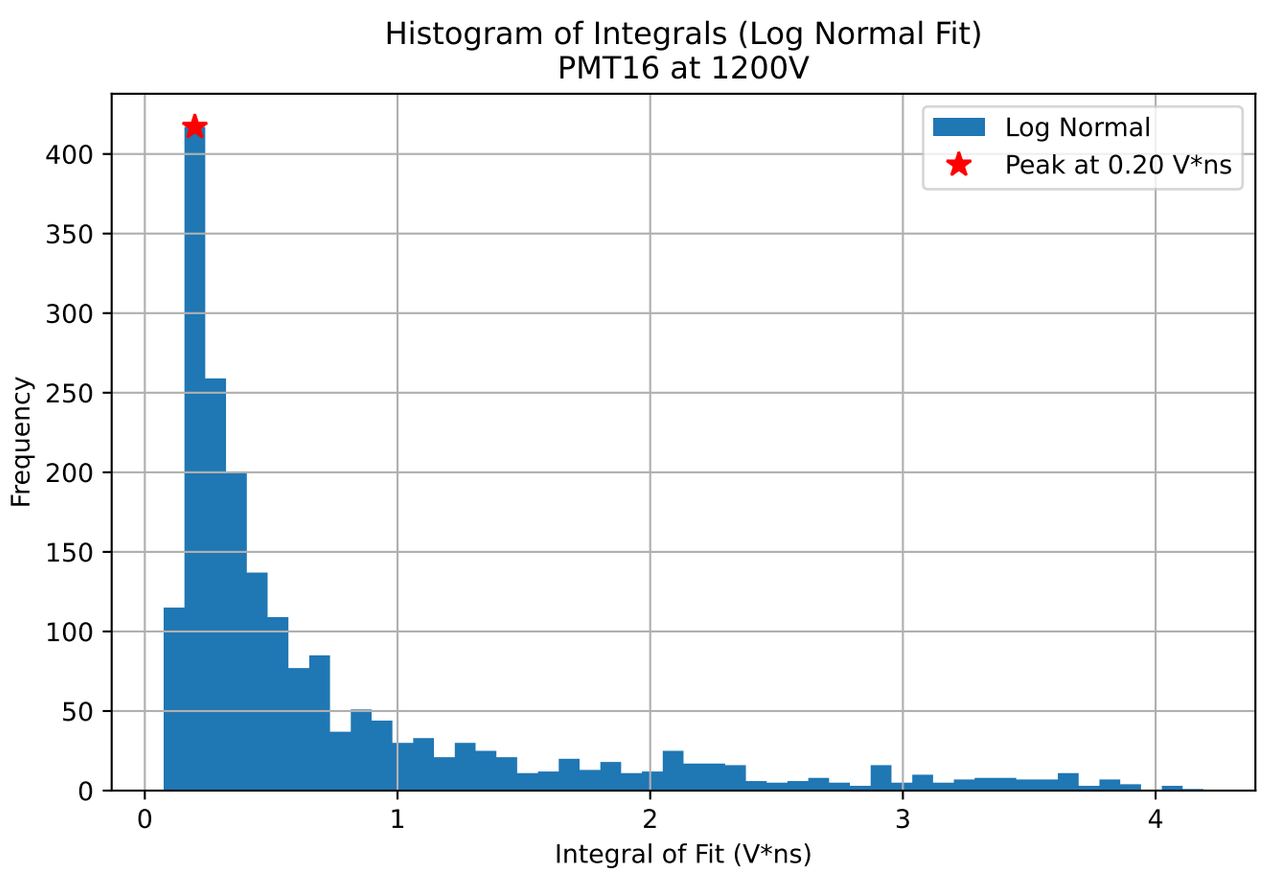

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1100V
Log Normal
Peak at 0.07 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40

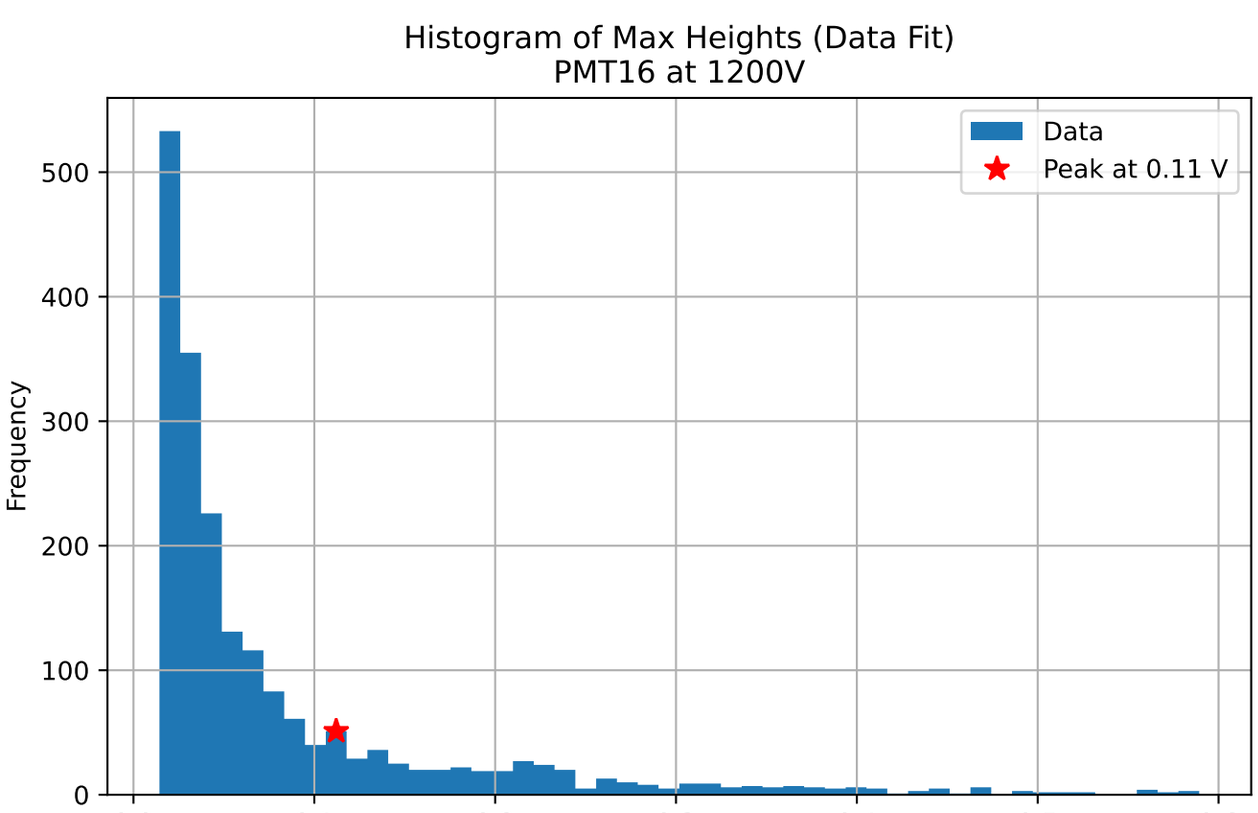

Histogram of Integrals (Log Normal Fit)
PMT16 at 1100V
Log Normal
Peak at 0.14 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0.0
0.5
1.0
1.5
2.0
2.5
3.0

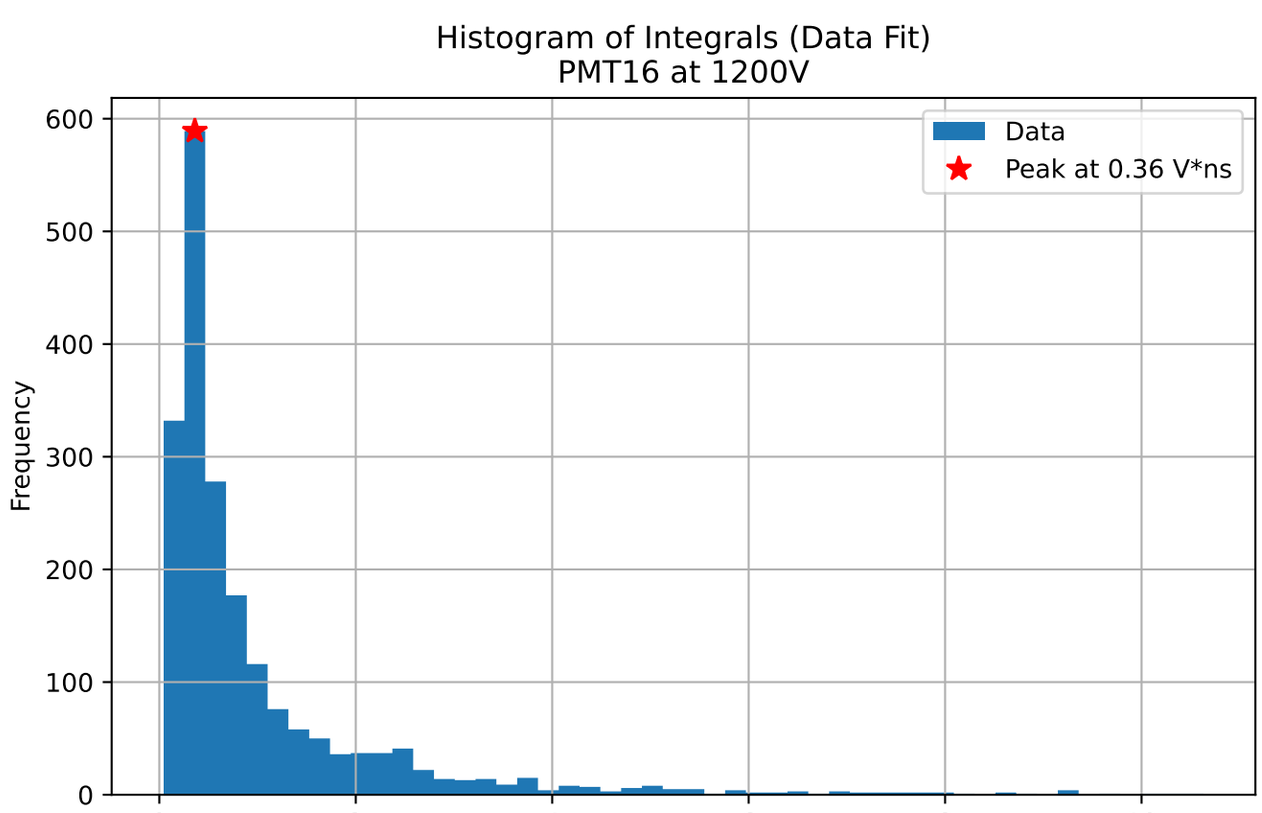

Histogram of Max Heights (Data Fit)
PMT16 at 1100V
Data
Peak at 0.06 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35

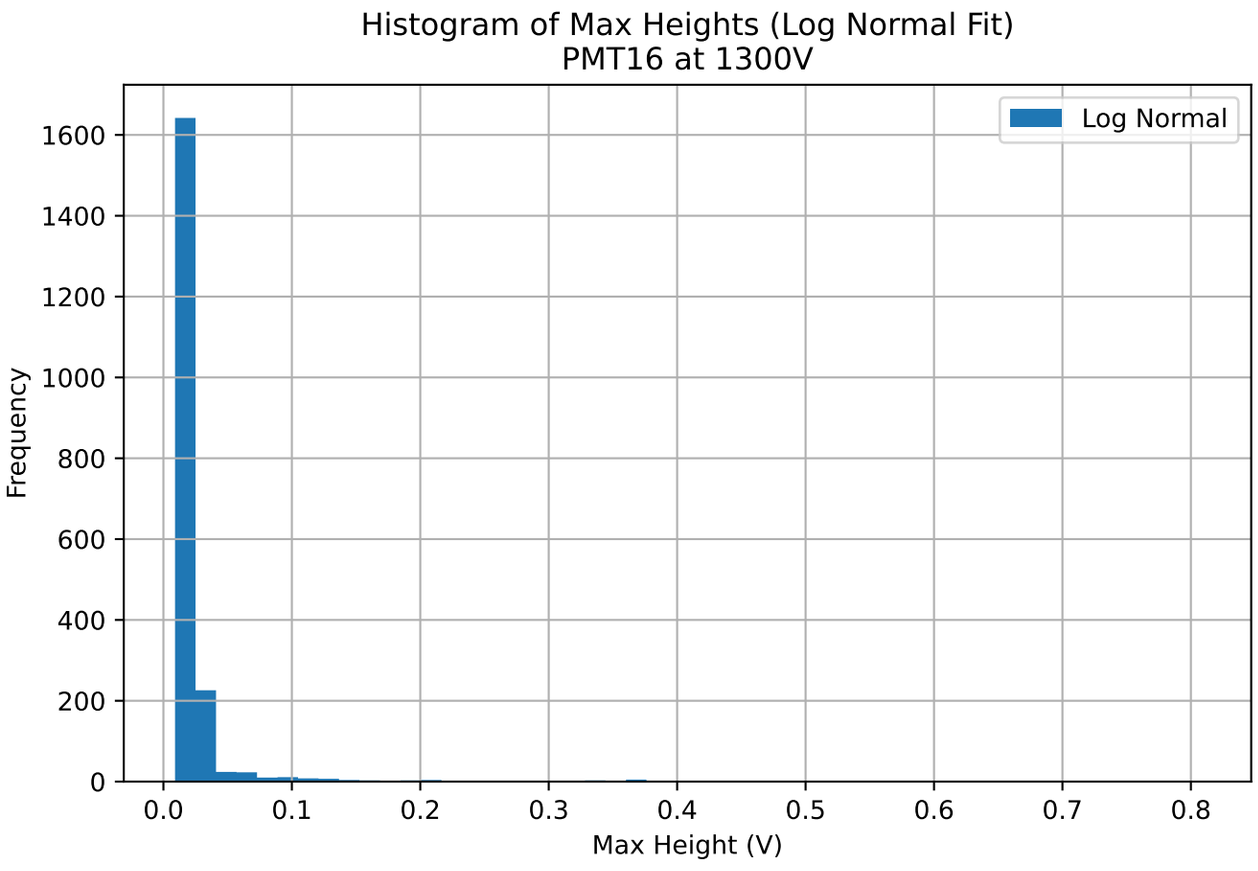

Histogram of Integrals (Data Fit)
PMT16 at 1100V
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
0
1
2
3
4
5
6

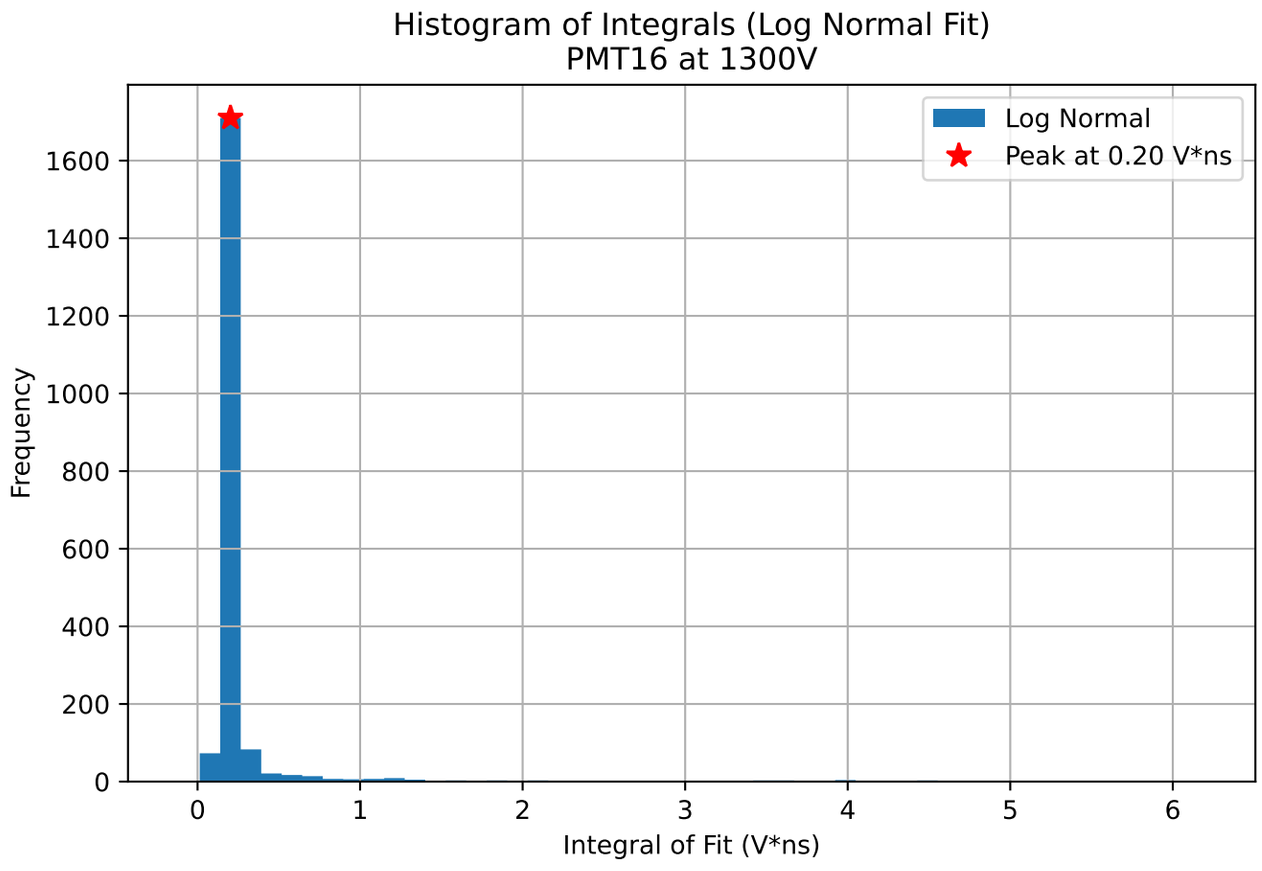

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1200V
Log Normal
Peak at 0.11 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
0.0
0.1
0.2
0.3
0.4
0.5
0.6

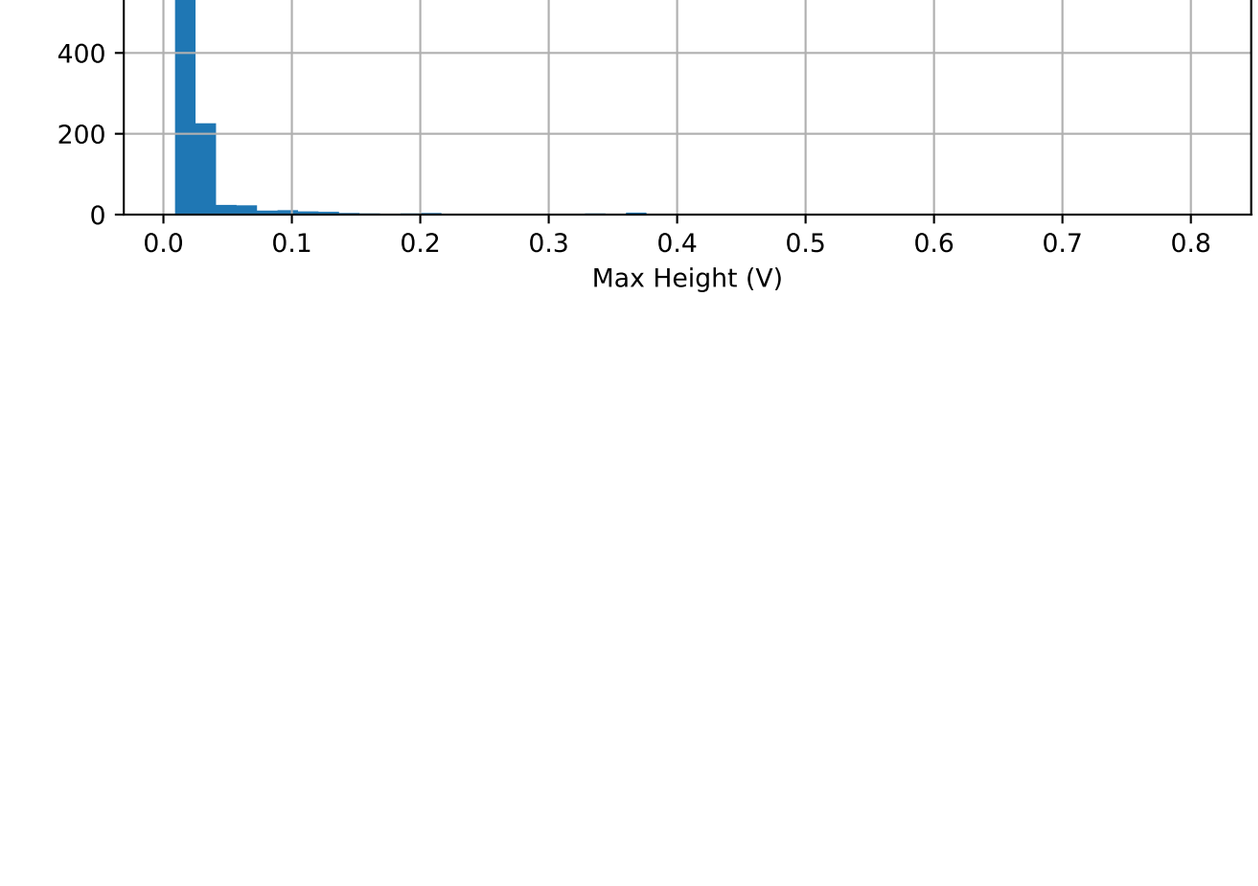

Histogram of Integrals (Log Normal Fit)
PMT16 at 1200V
Log Normal
Peak at 0.20 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
300
350
400
0
1
2
3
4

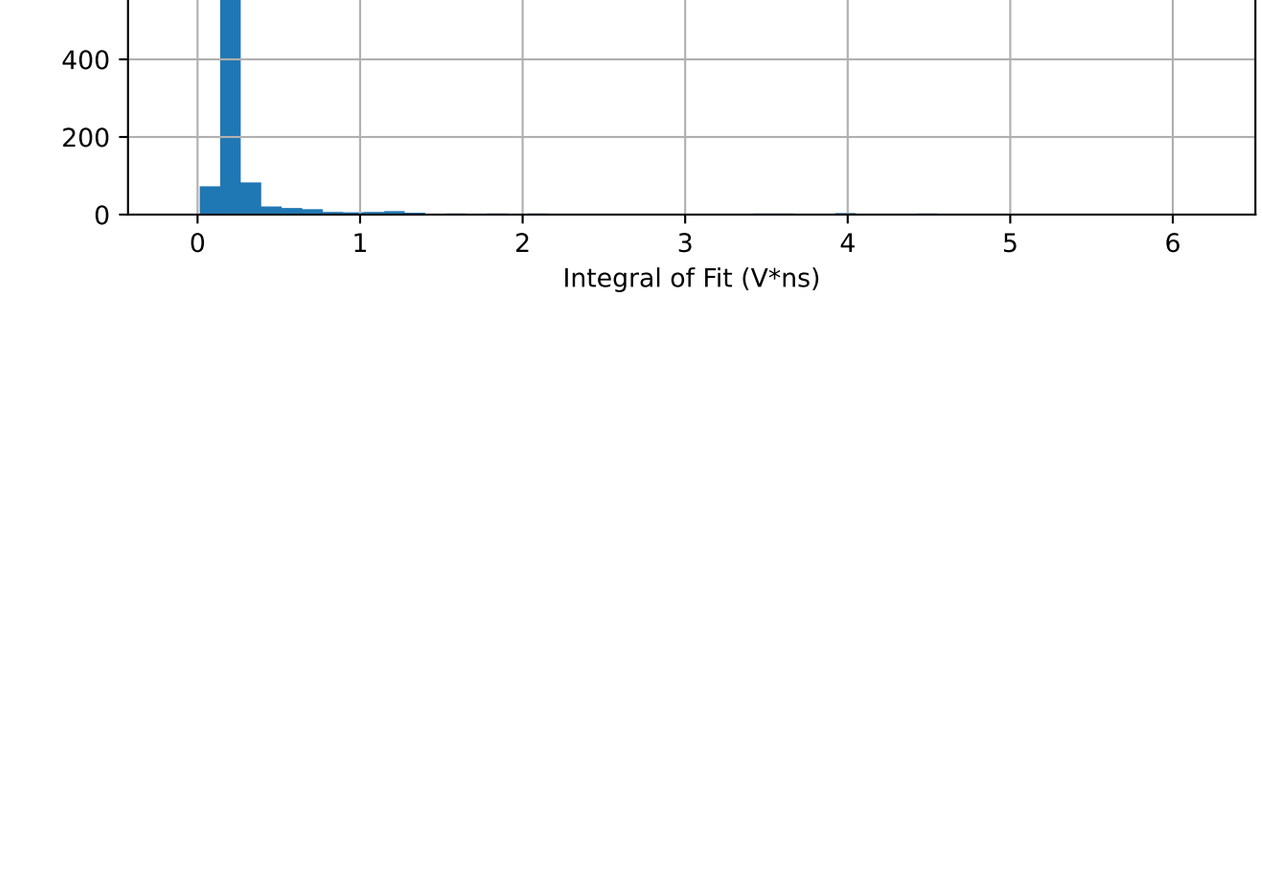

Histogram of Max Heights (Data Fit)
PMT16 at 1200V
Data
Peak at 0.11 V
Frequency
Max Height (V)
0
100
200
300
400
500
0.0
0.1
0.2
0.3
0.4
0.5
0.6

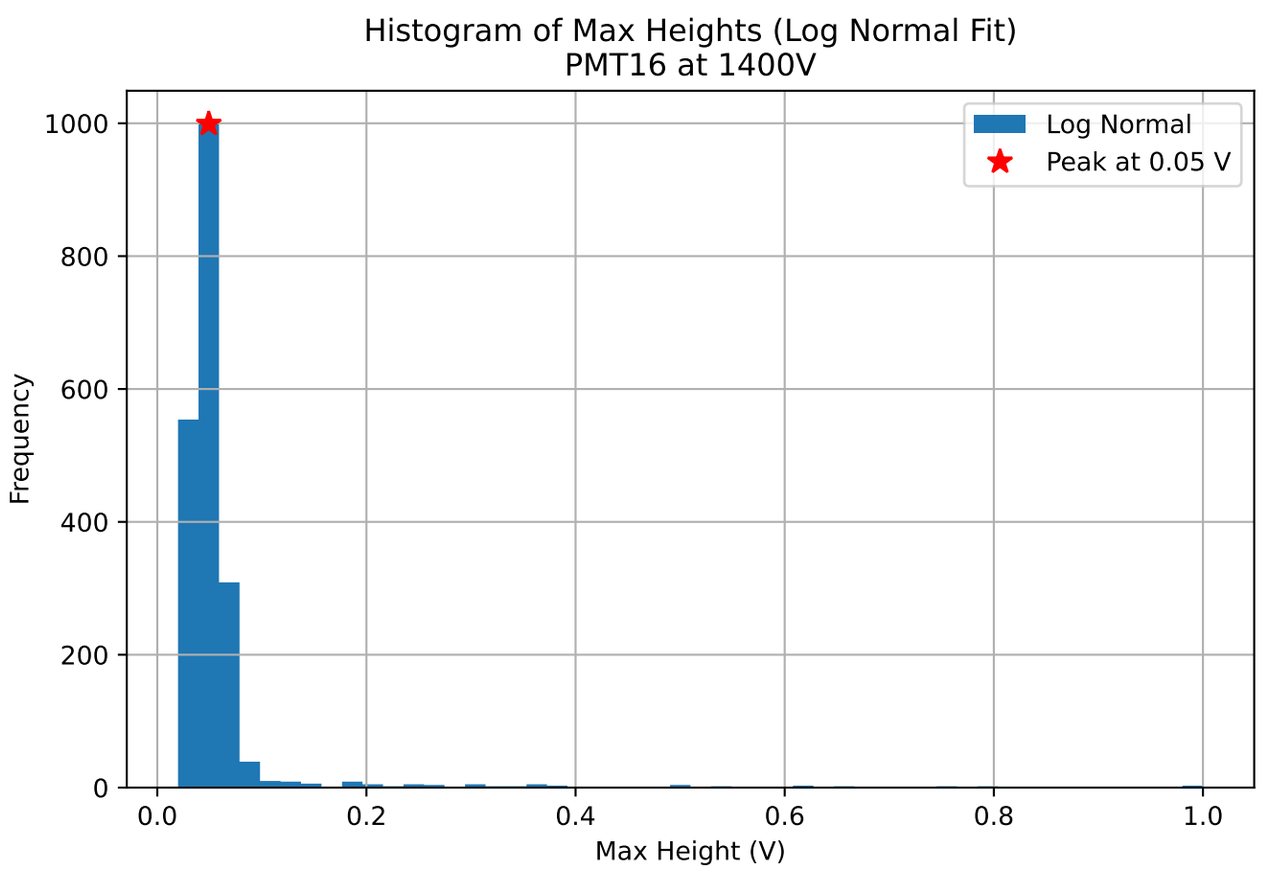

Histogram of Integrals (Data Fit)
PMT16 at 1200V
Data
Peak at 0.36 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0
2
4
6
8
10

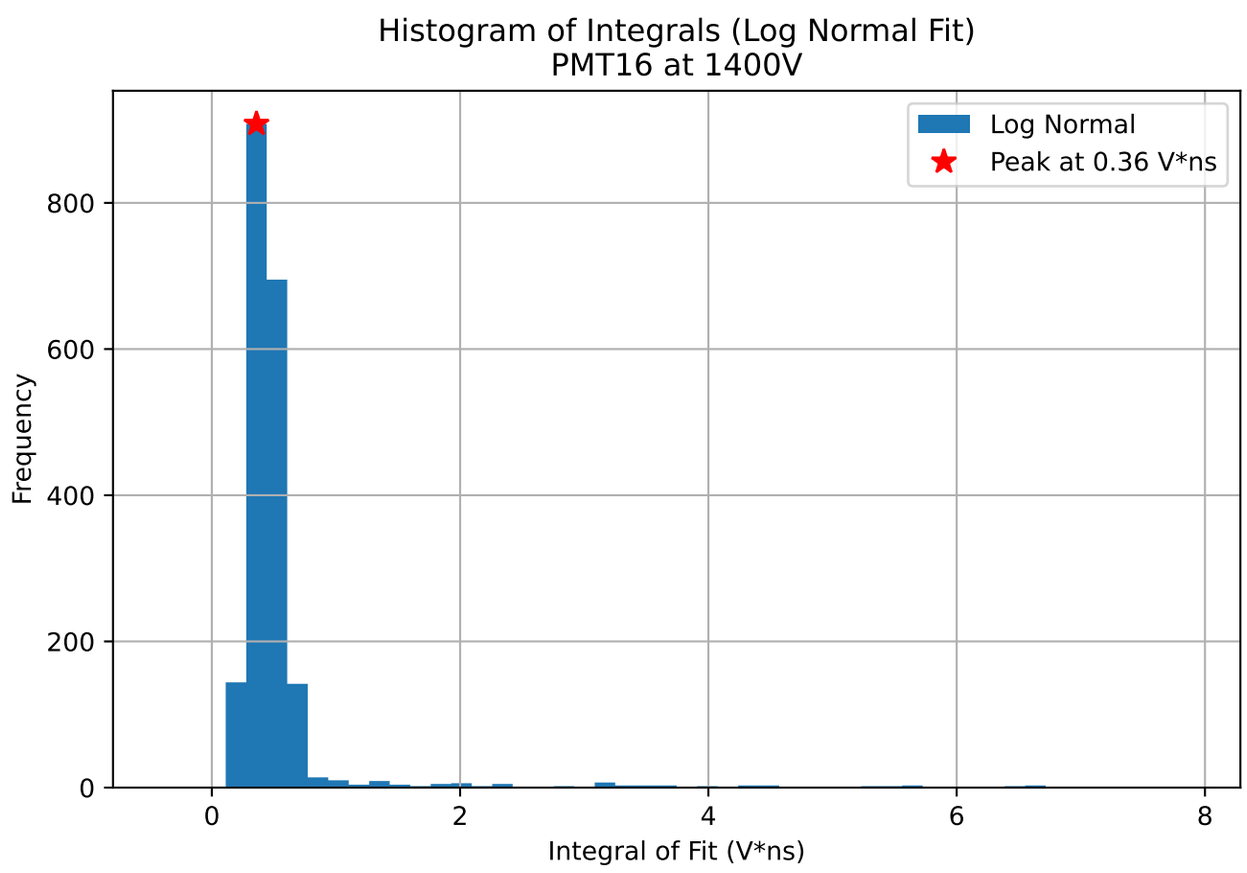

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1300V
Log Normal
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
1600
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

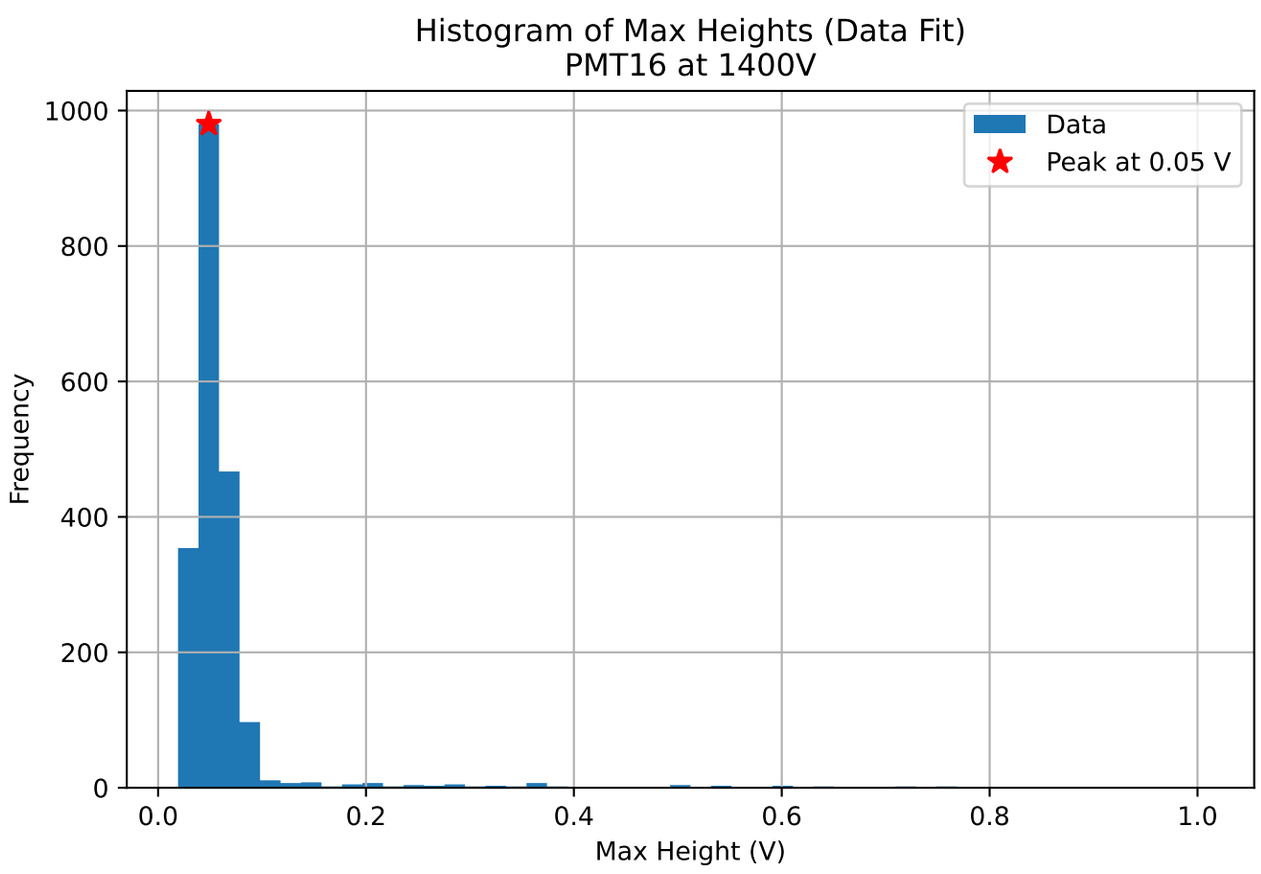

Histogram of Integrals (Log Normal Fit)
PMT16 at 1300V
Log Normal
Peak at 0.20 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
1600
0
1
2
3
4
5
6

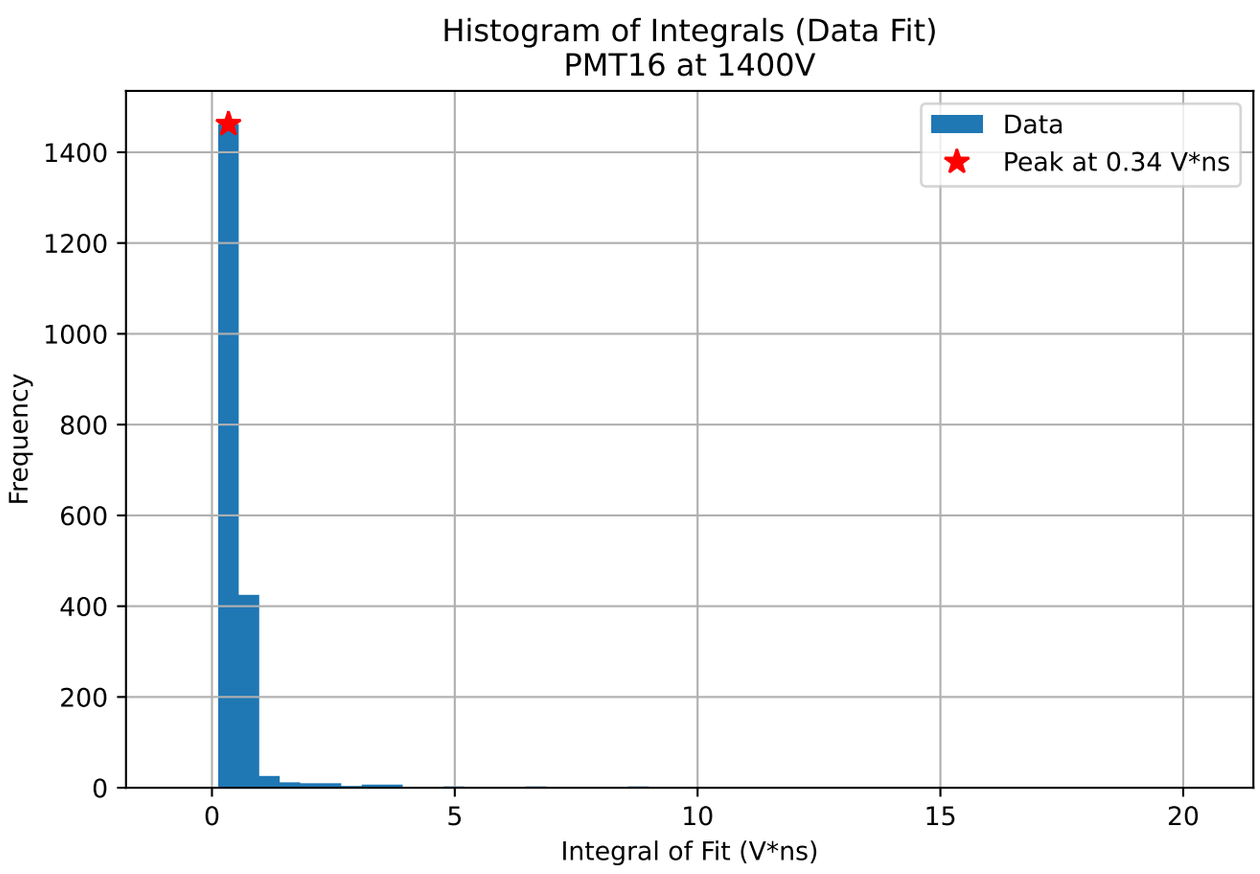

Histogram of Max Heights (Data Fit)
PMT16 at 1300V
Data
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

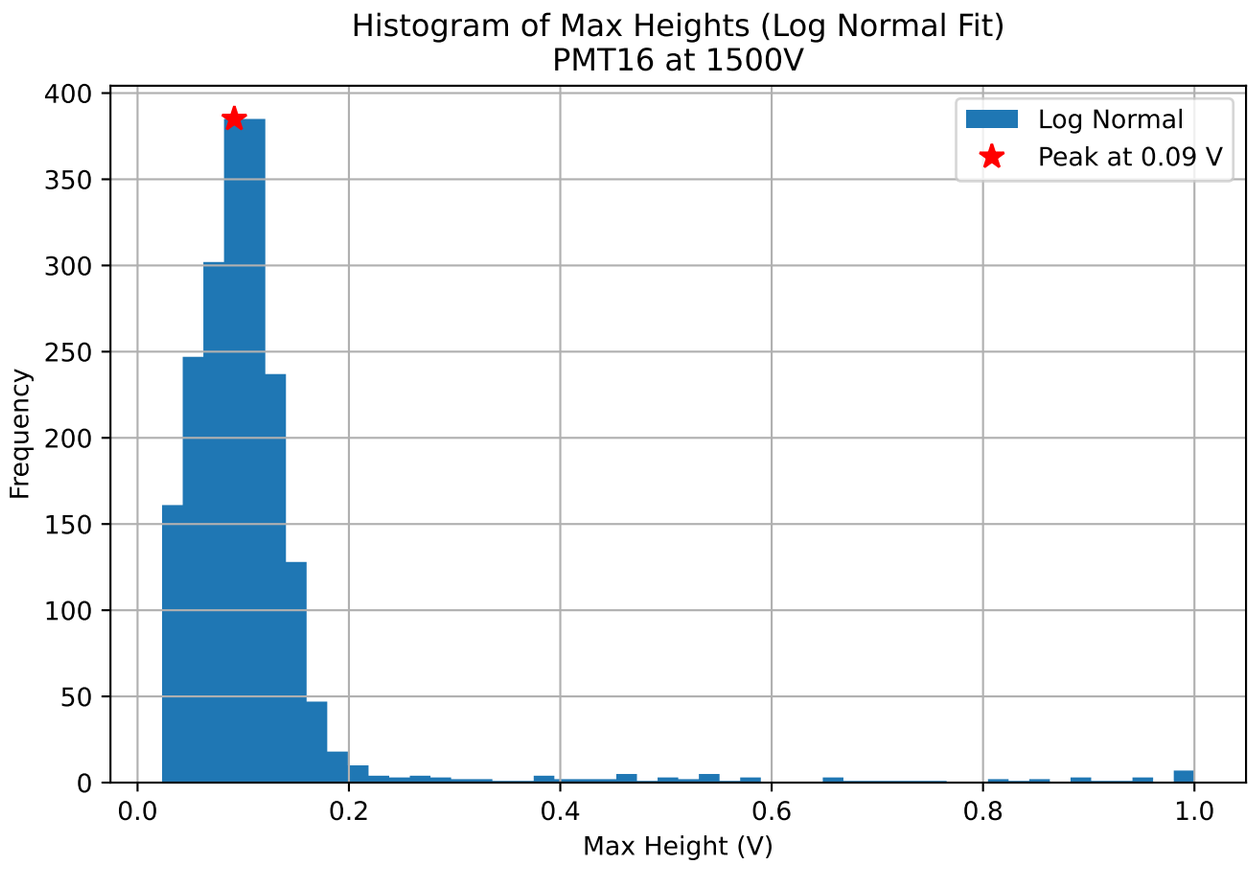

Histogram of Integrals (Data Fit)
PMT16 at 1300V
Data
Peak at 0.30 V*ns
Frequency
Integral of Fit (V*ns)
0
250
500
750
1000
1250
1500
1750
0
2
4
6
8
10
12
14
16

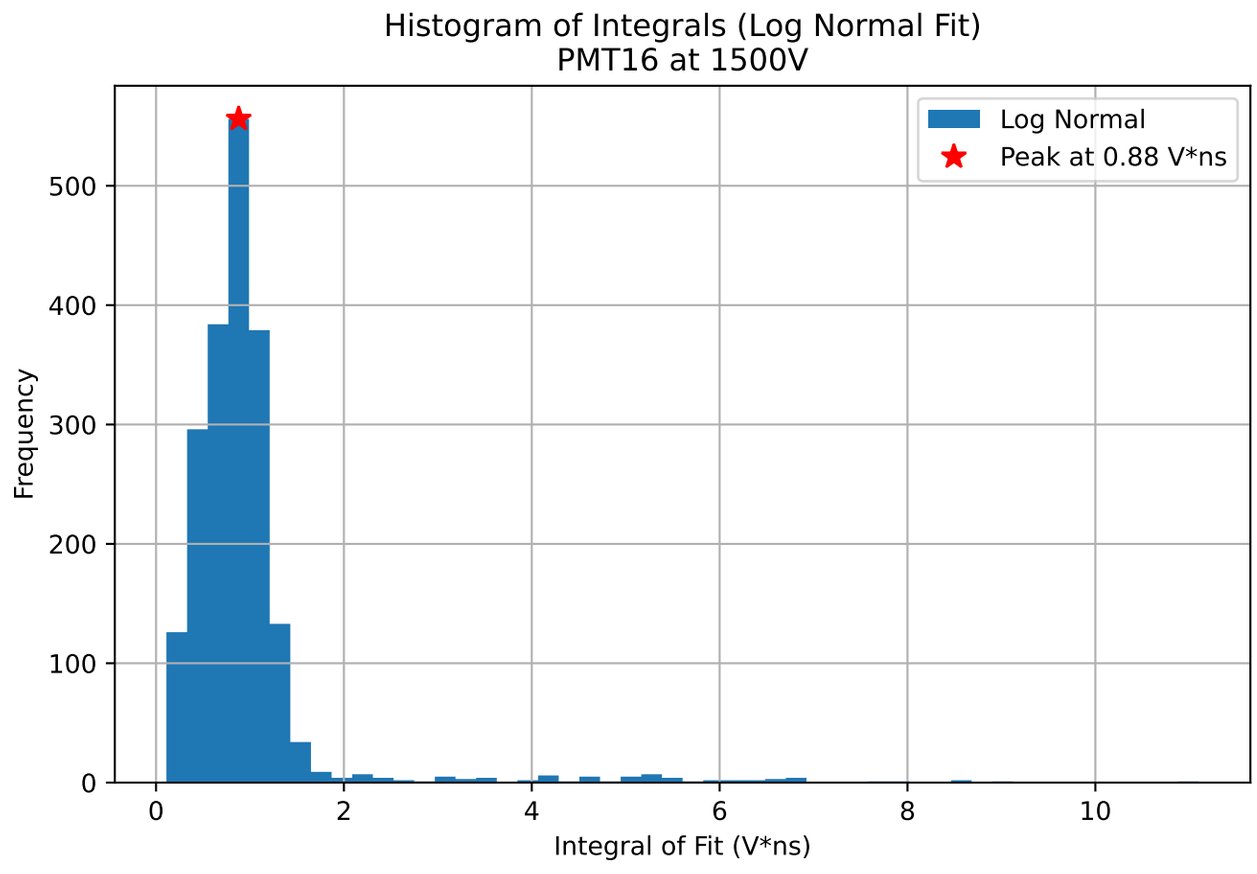

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1400V
Log Normal
Peak at 0.05 V
Frequency
Max Height (V)
0
200
400
600
800
1000
0.0
0.2
0.4
0.6
0.8
1.0

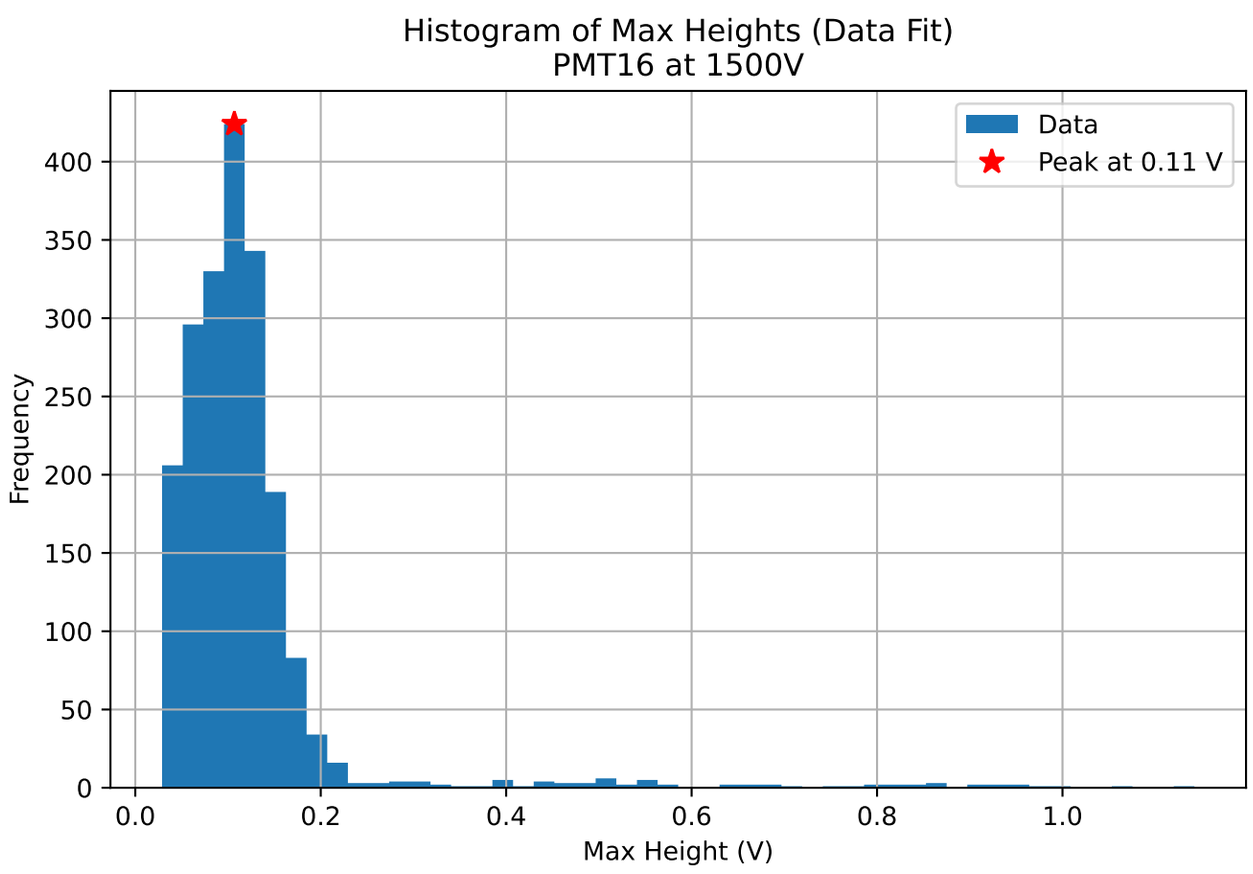

Histogram of Integrals (Log Normal Fit)
PMT16 at 1400V
Log Normal
Peak at 0.36 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
0
2
4
6
8

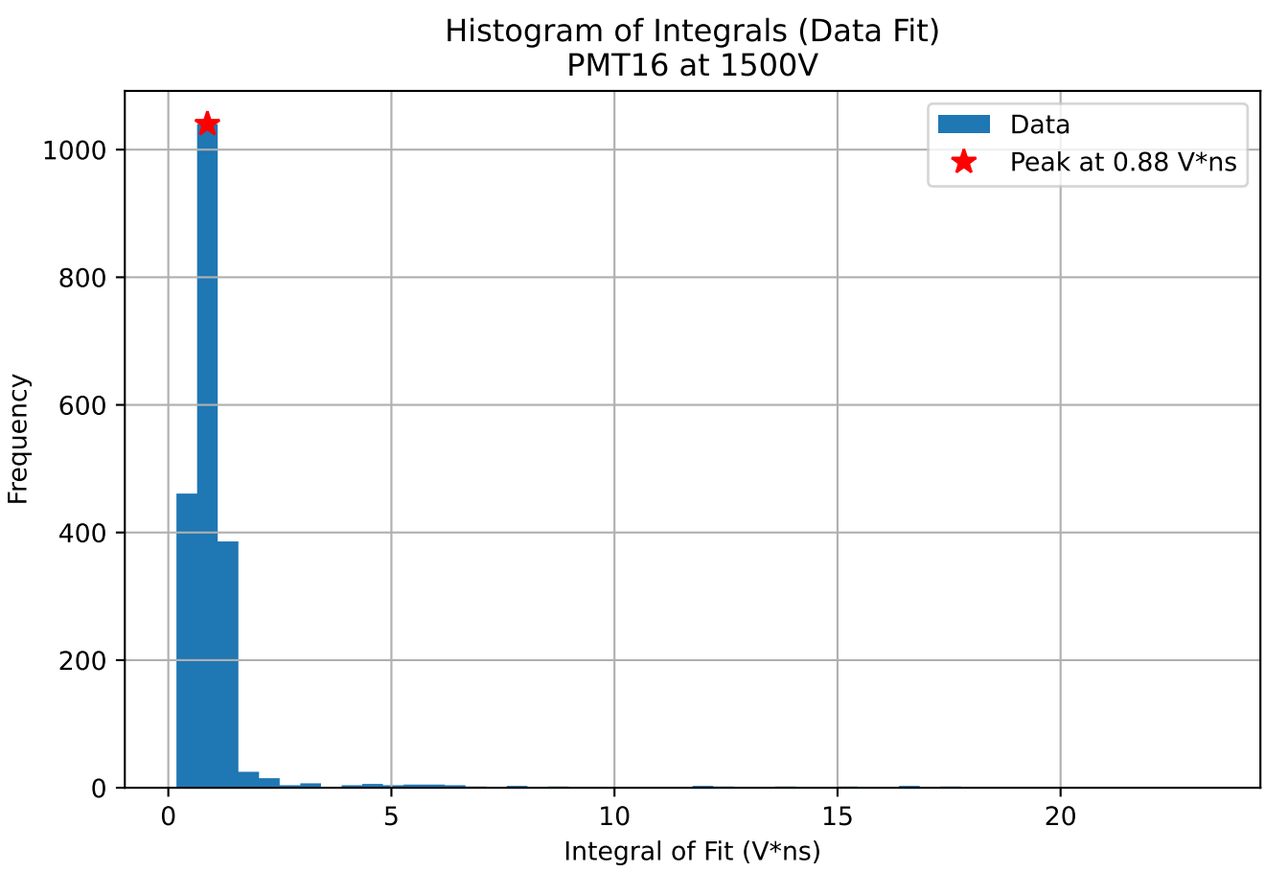

Histogram of Max Heights (Data Fit)
PMT16 at 1400V
Data
Peak at 0.05 V
Frequency
Max Height (V)
0
200
400
600
800
1000
0.0
0.2
0.4
0.6
0.8
1.0

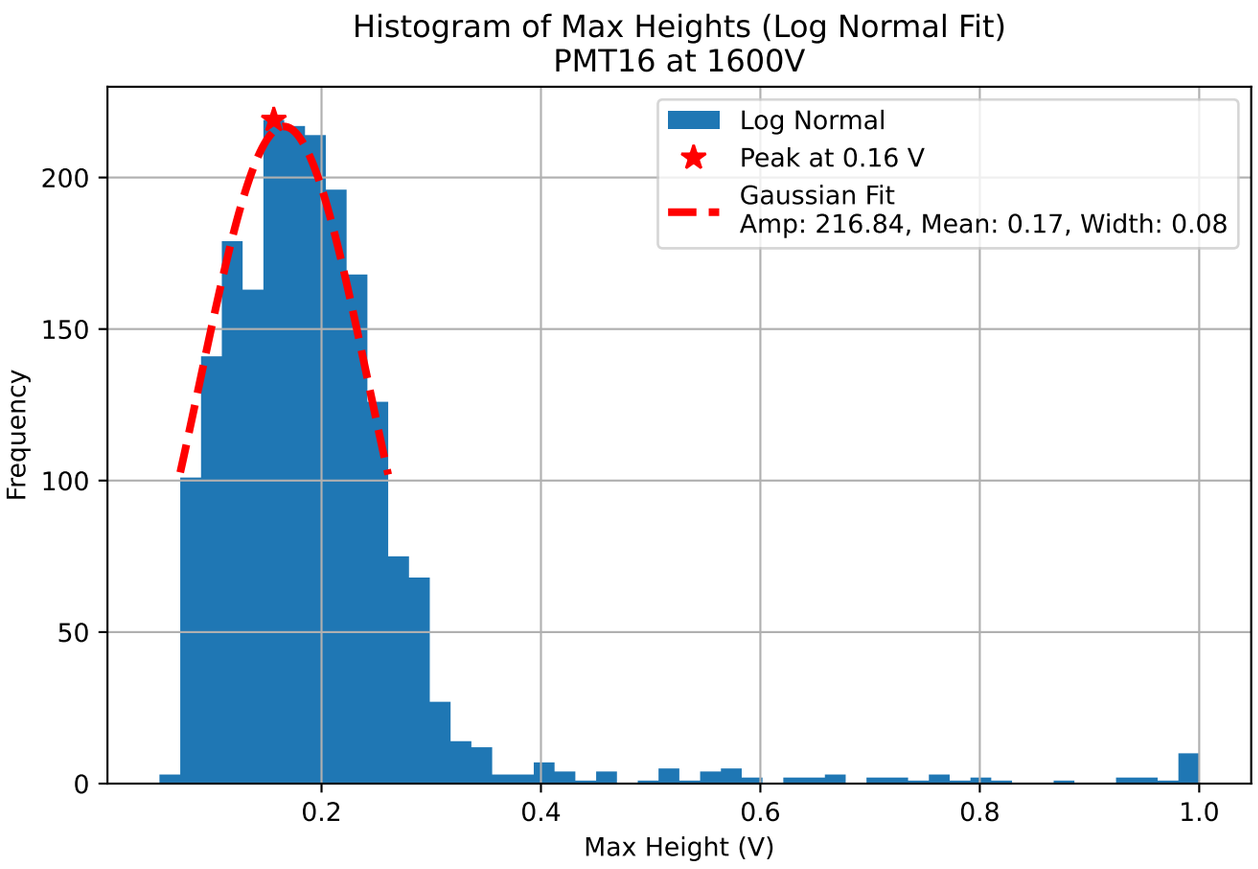

Histogram of Integrals (Data Fit)
PMT16 at 1400V
Data
Peak at 0.34 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
0
5
10
15
20

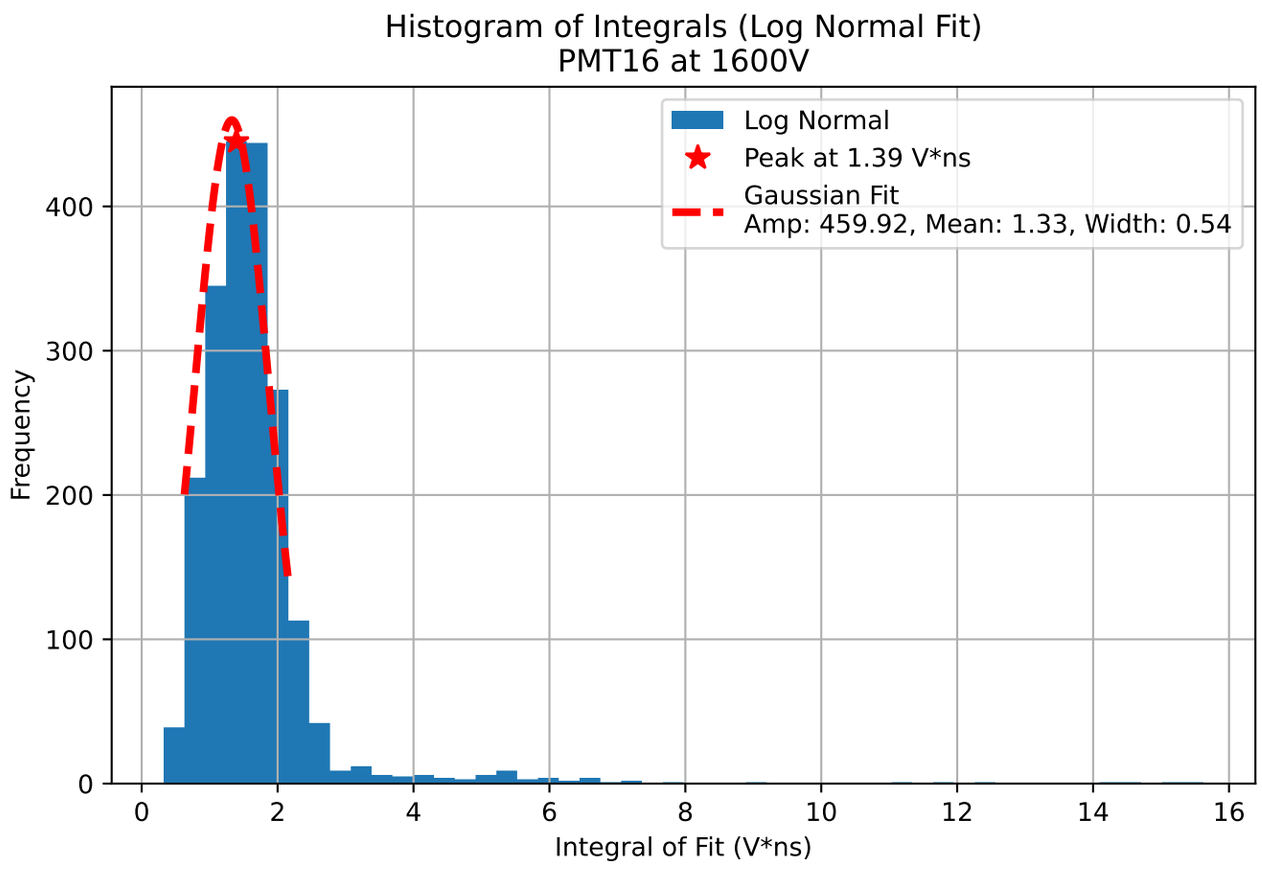

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1500V
Log Normal
Peak at 0.09 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.0
0.2
0.4
0.6
0.8
1.0

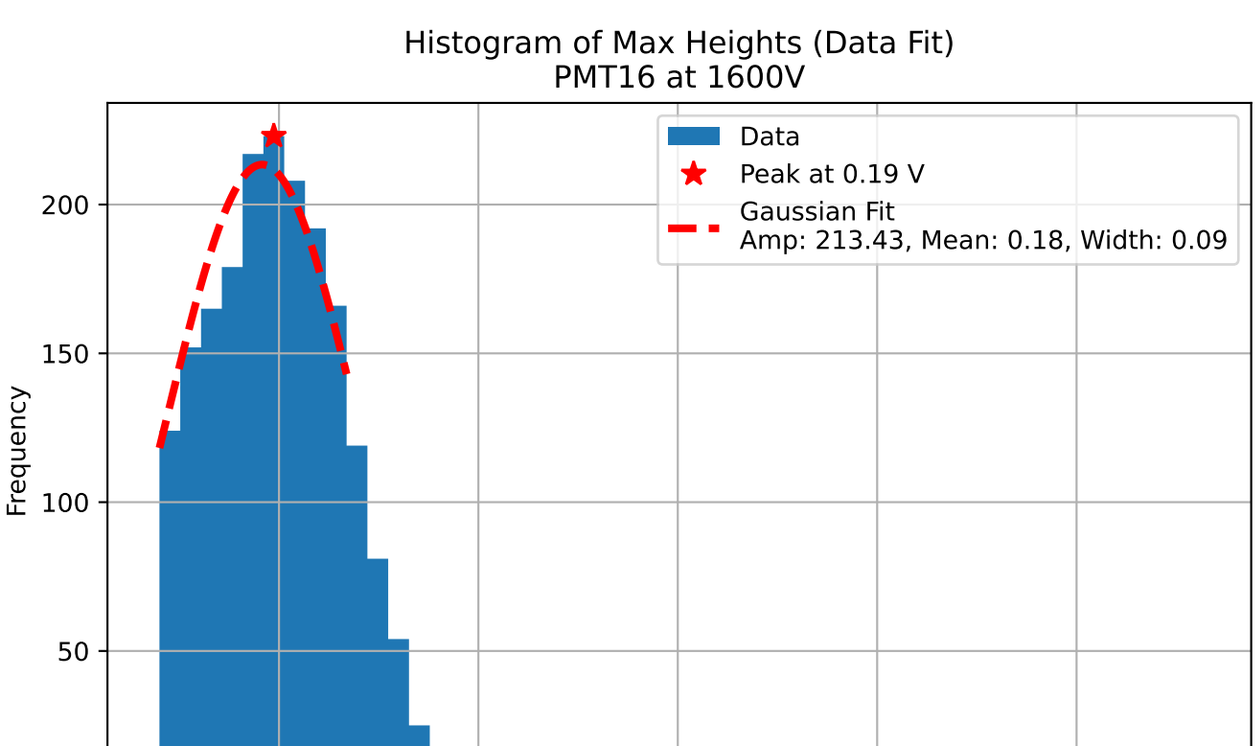

Histogram of Integrals (Log Normal Fit)
PMT16 at 1500V
Log Normal
Peak at 0.88 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0
2
4
6
8
10

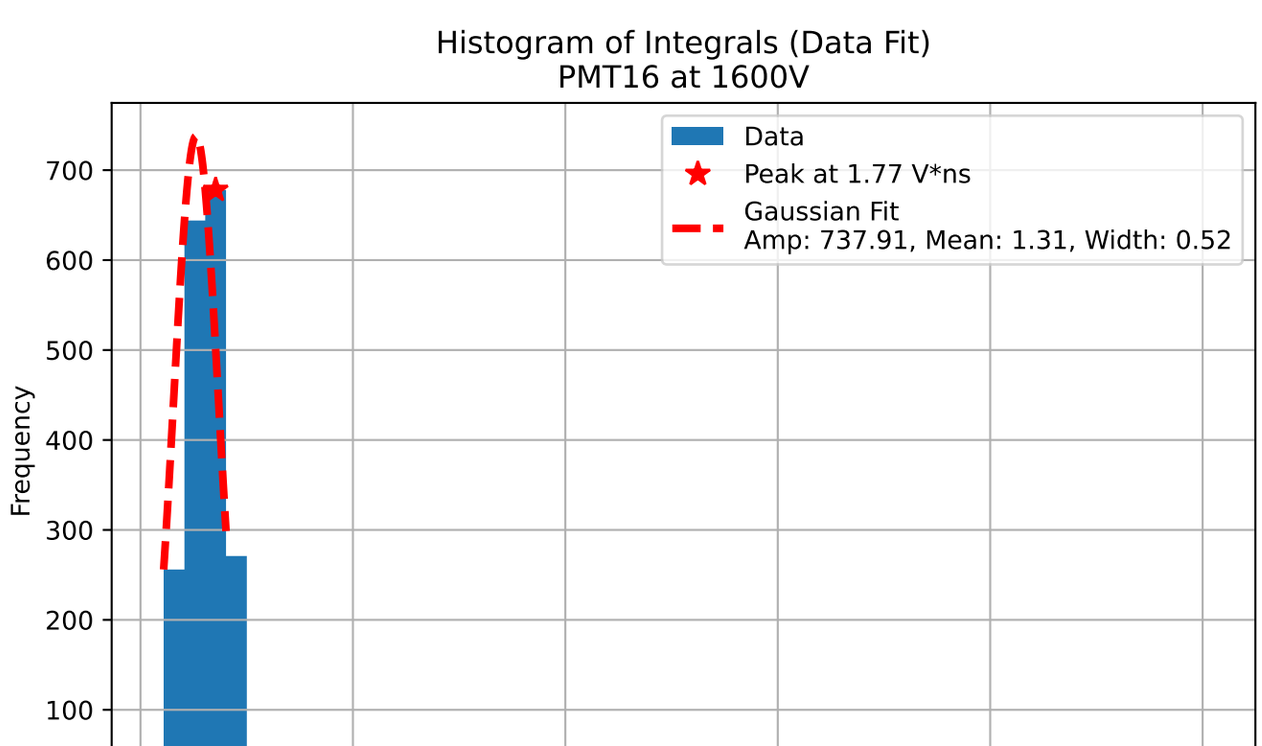

Histogram of Max Heights (Data Fit)
PMT16 at 1500V
Data
Peak at 0.11 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.0
0.2
0.4
0.6
0.8
1.0

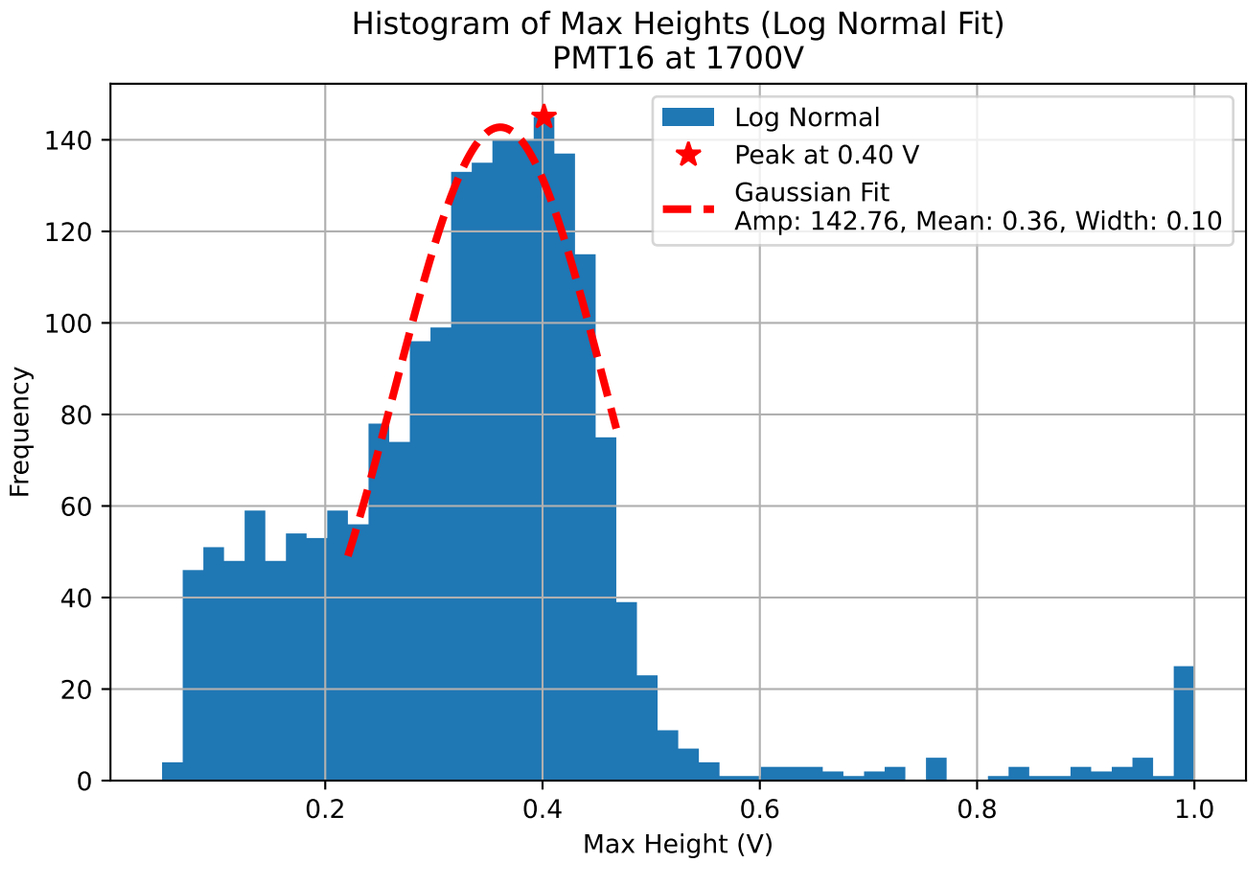

Histogram of Integrals (Data Fit)
PMT16 at 1500V
Data
Peak at 0.88 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
0
5
10
15
20

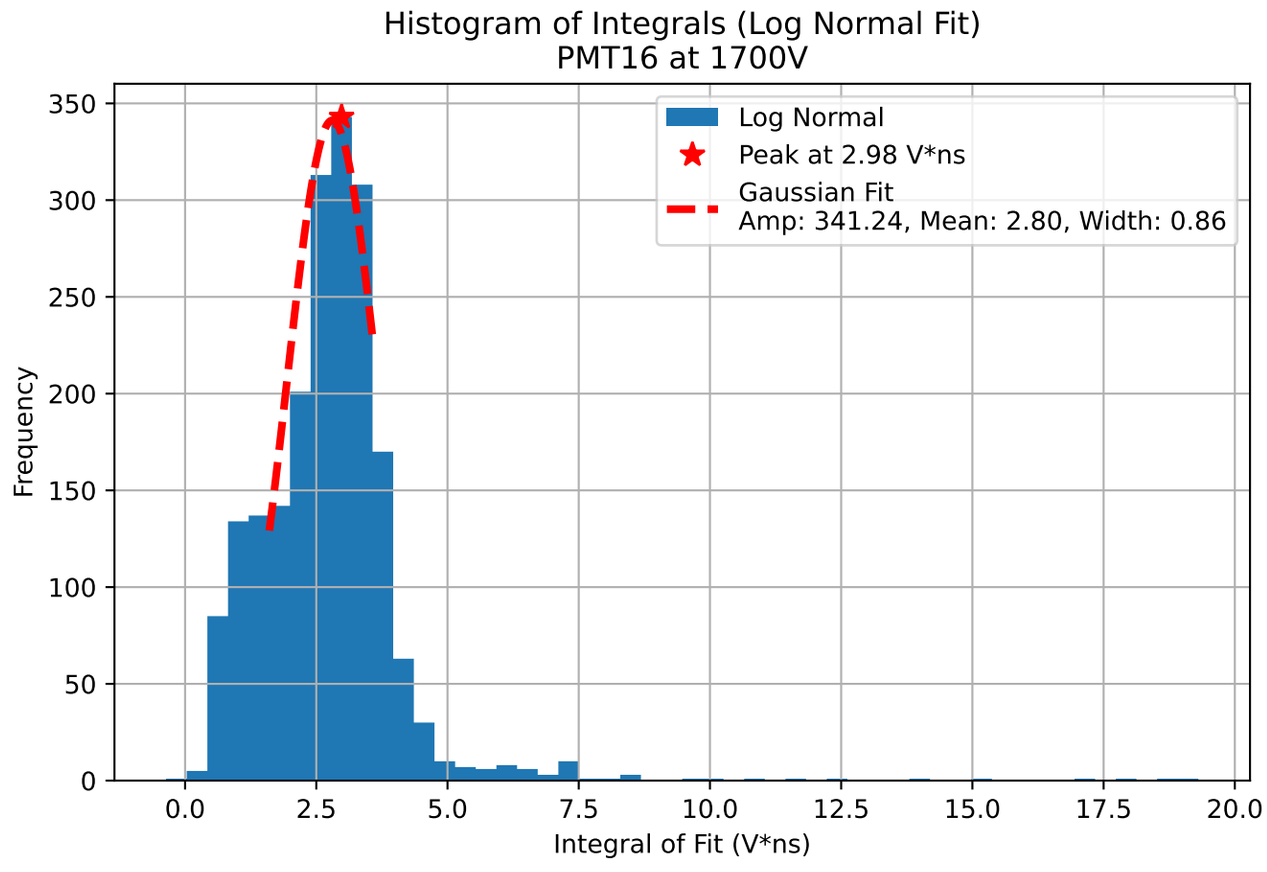

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1600V
Log Normal
Peak at 0.16 V
Gaussian Fit
Amp: 216.84, Mean: 0.17, Width: 0.08
Frequency
Max Height (V)

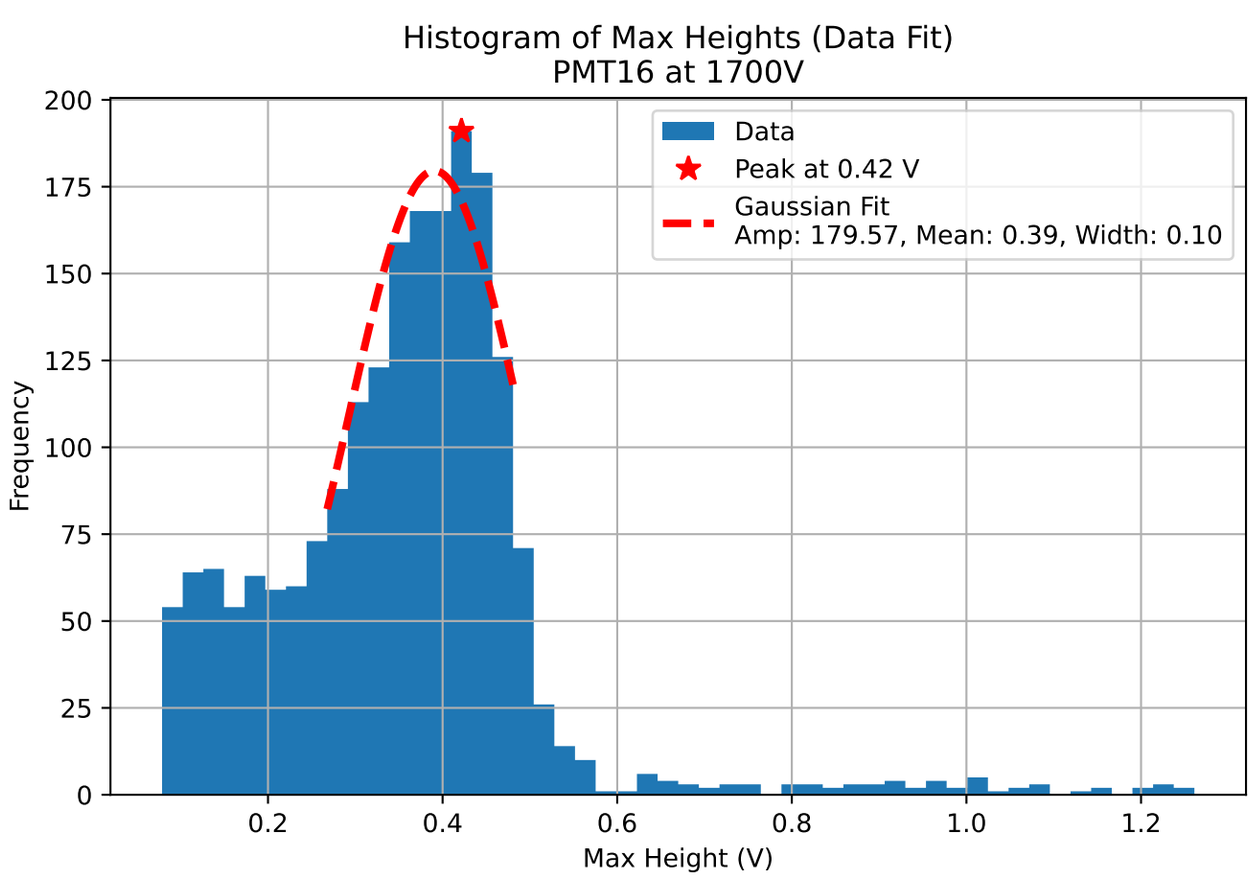

Histogram of Integrals (Log Normal Fit)
PMT16 at 1600V
Log Normal
Peak at 1.39 V*ns
Gaussian Fit
Amp: 459.92, Mean: 1.33, Width: 0.54
Frequency
Integral of Fit (V*ns)

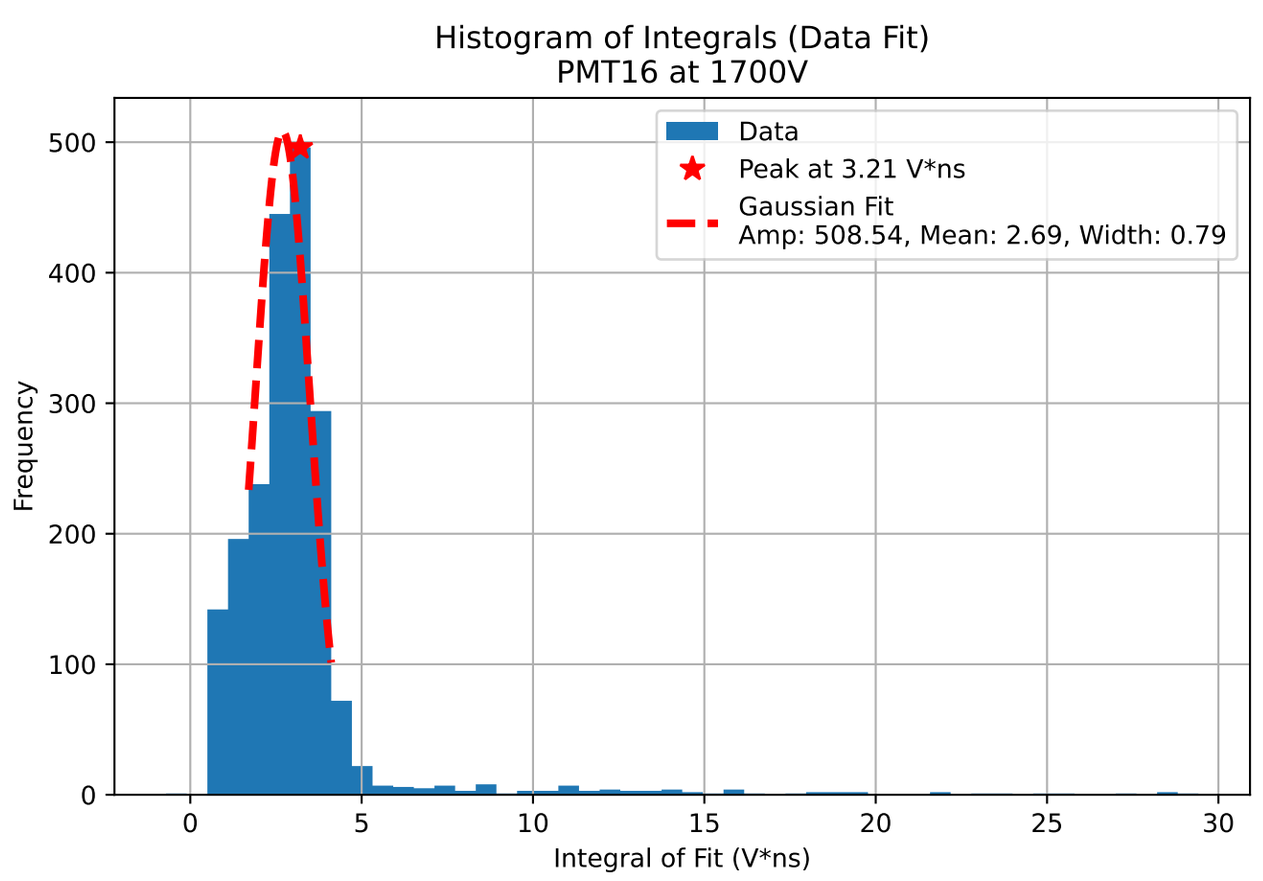

Histogram of Max Heights (Data Fit)
PMT16 at 1600V
Data
Peak at 0.19 V
Gaussian Fit
Amp: 213.43, Mean: 0.18, Width: 0.09
Frequency
Max Height (V)

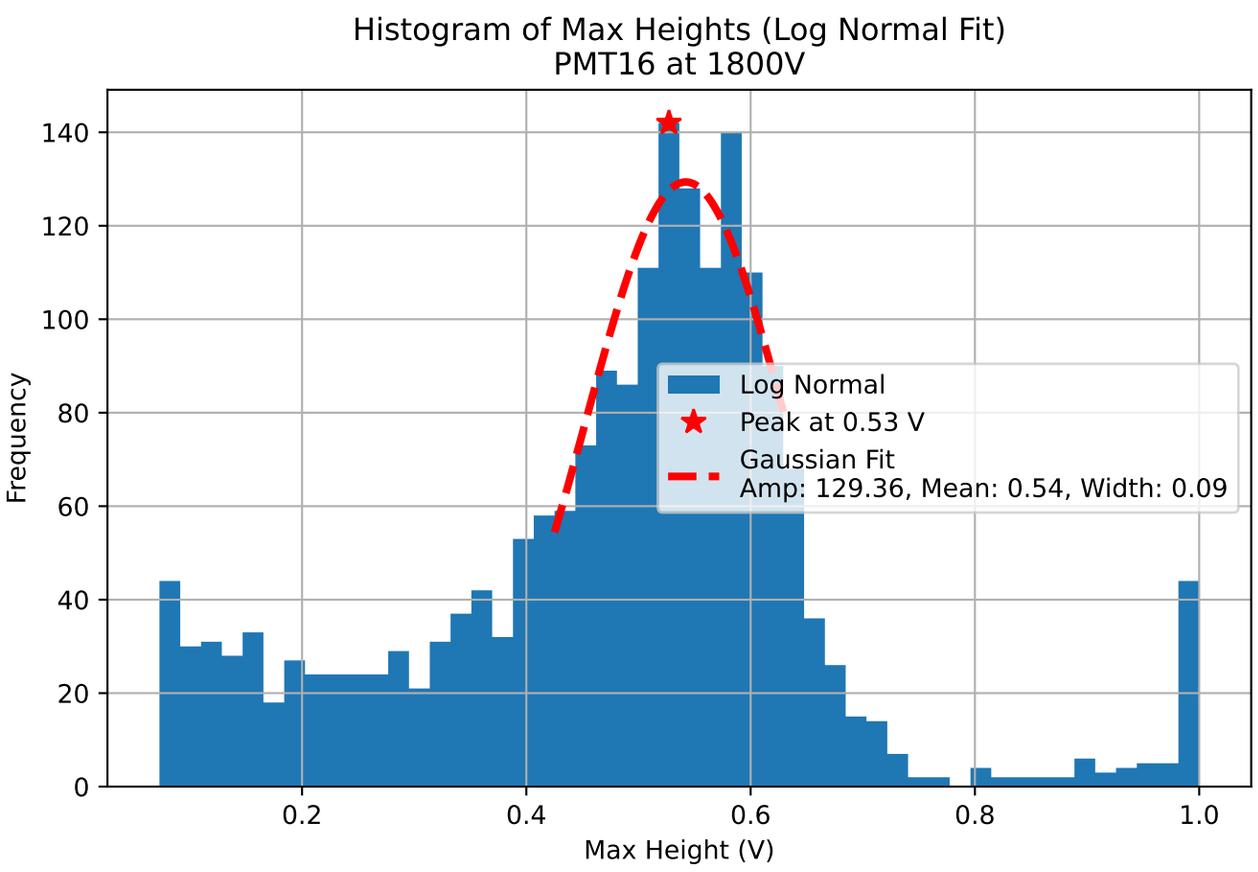

Histogram of Integrals (Data Fit)
PMT16 at 1600V
Data
Peak at 1.77 V*ns
Gaussian Fit
Amp: 737.91, Mean: 1.31, Width: 0.52
Frequency
Integral of Fit (V*ns)

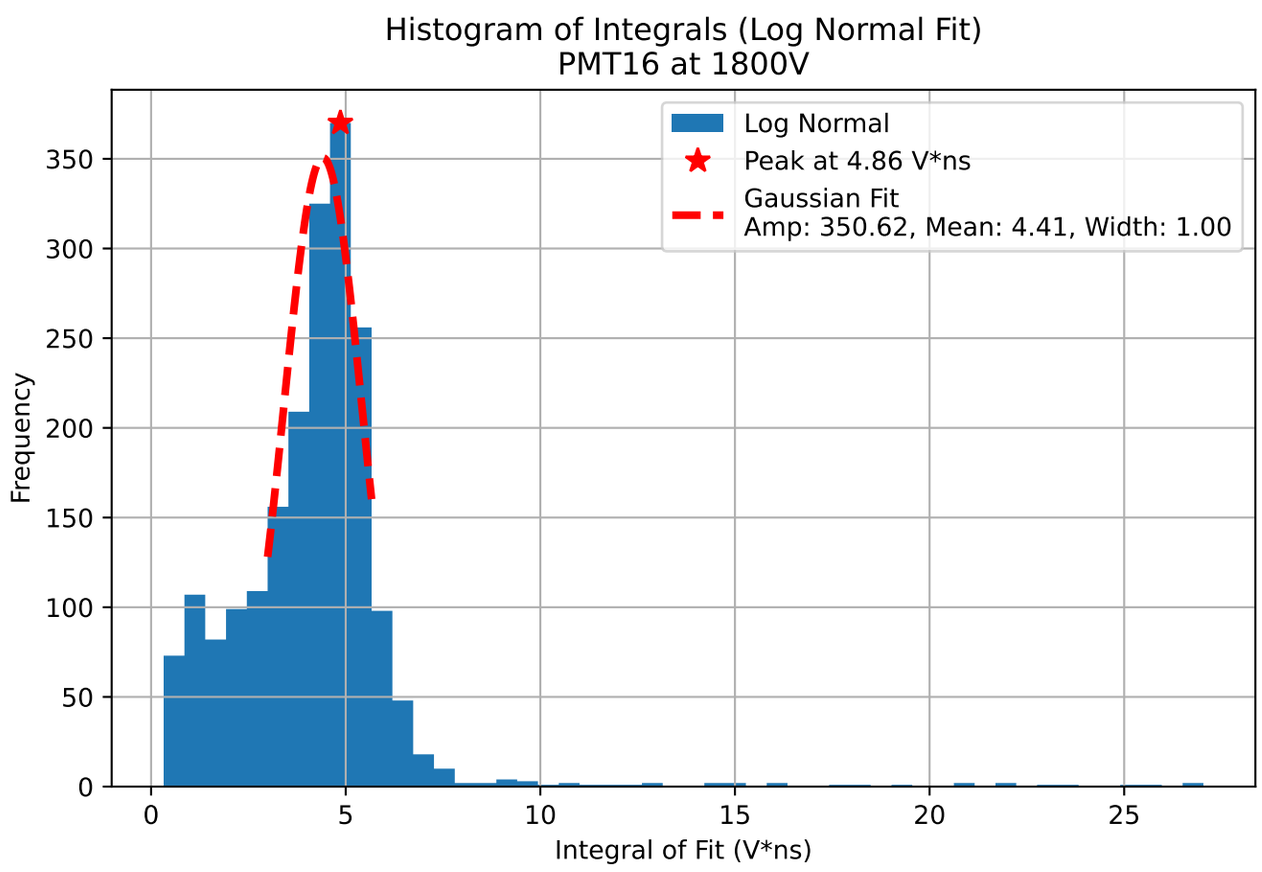

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1700V
Log Normal
Peak at 0.40 V
Gaussian Fit
Amp: 142.76, Mean: 0.36, Width: 0.10
Frequency
Max Height (V)

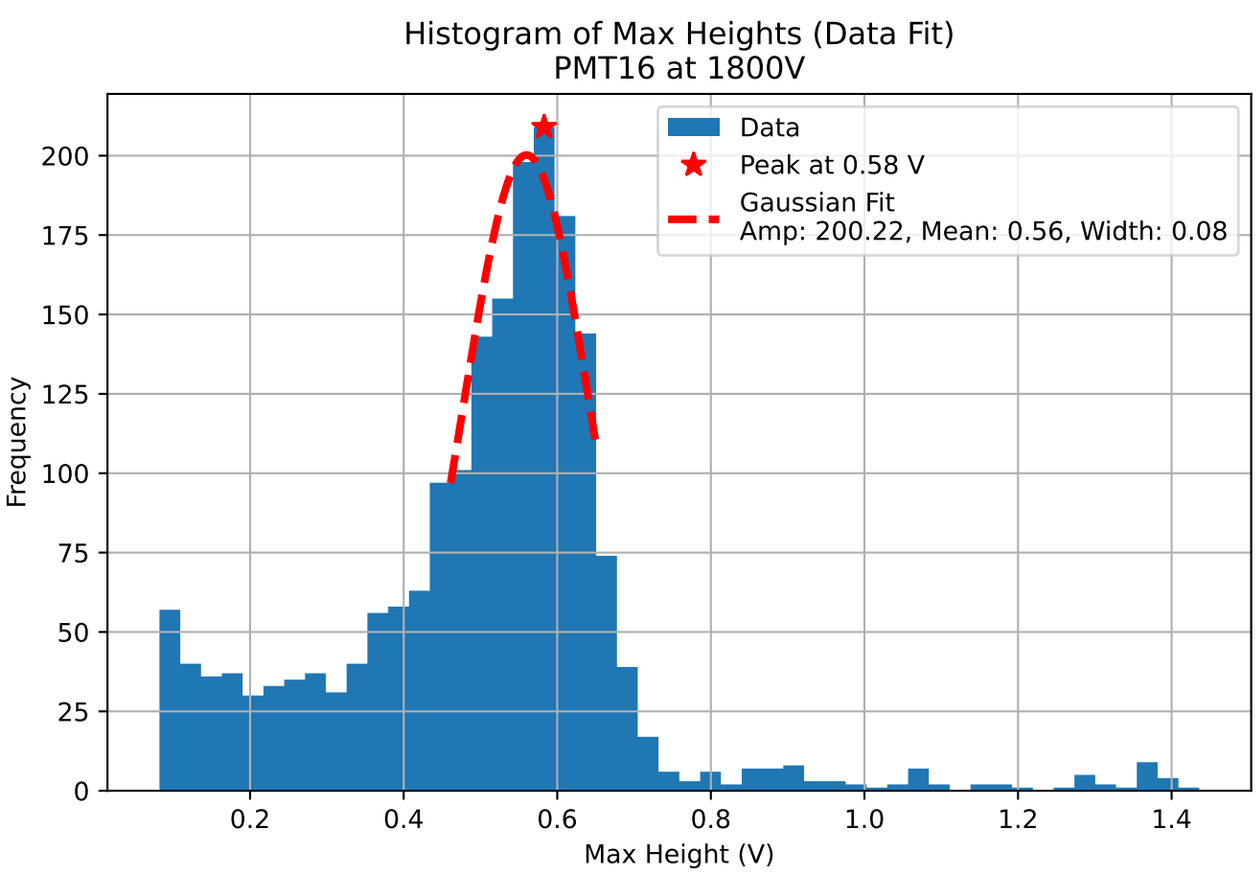

Histogram of Integrals (Log Normal Fit)
PMT16 at 1700V
Log Normal
Peak at 2.98 V*ns
Gaussian Fit
Amp: 341.24, Mean: 2.80, Width: 0.86
Frequency
Integral of Fit (V*ns)

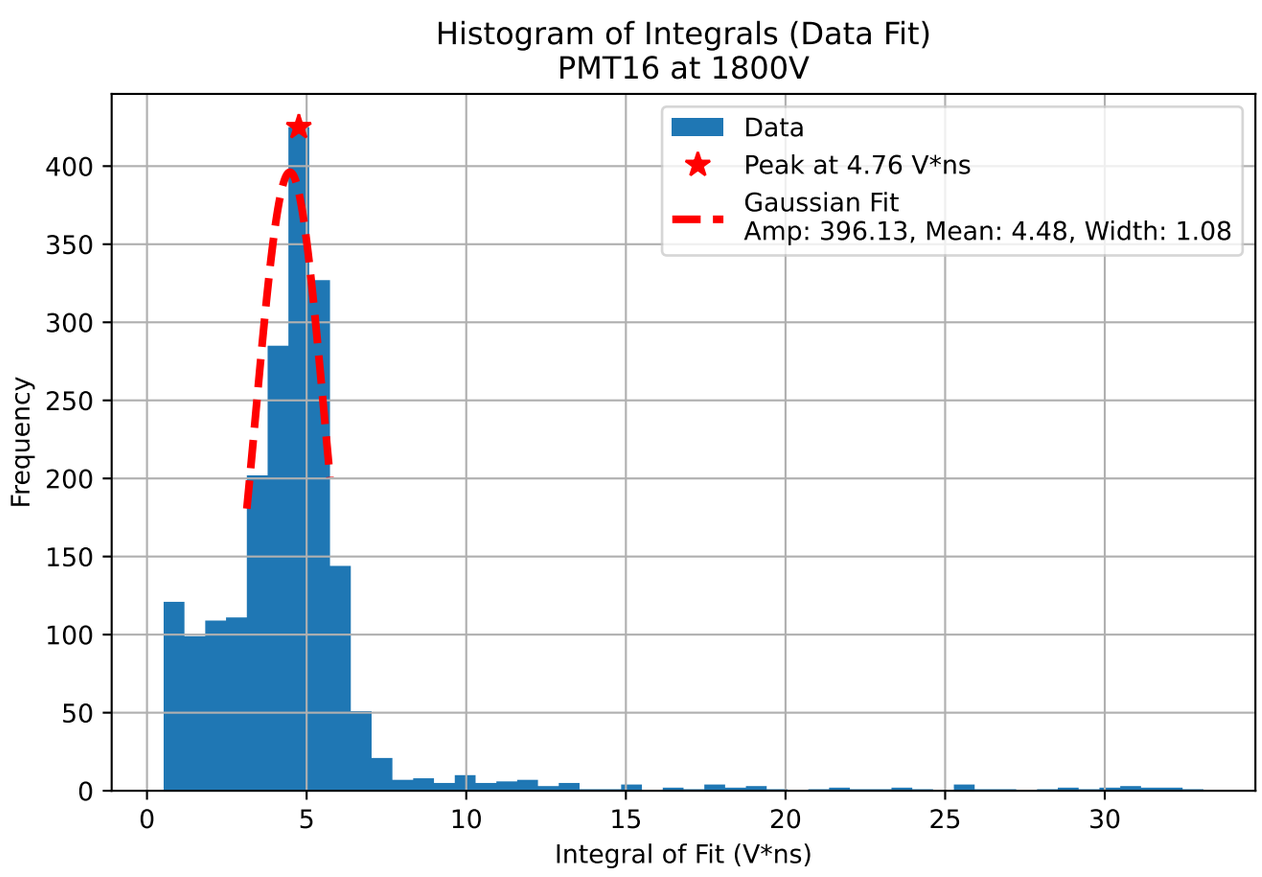

Histogram of Max Heights (Data Fit)
PMT16 at 1700V
Data
Peak at 0.42 V
Gaussian Fit
Amp: 179.57, Mean: 0.39, Width: 0.10
Frequency
Max Height (V)

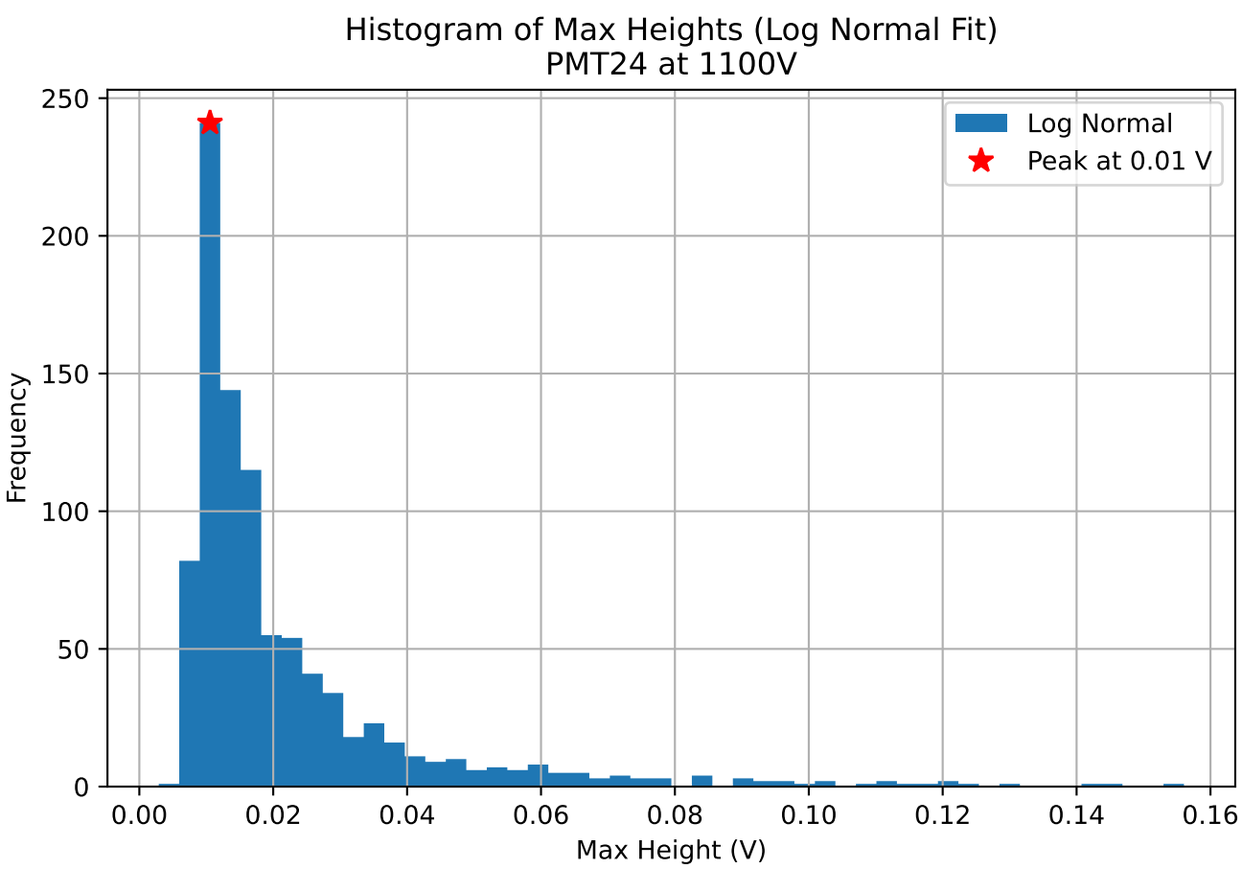

Histogram of Integrals (Data Fit)
PMT16 at 1700V
Data
Peak at 3.21 V*ns
Gaussian Fit
Amp: 508.54, Mean: 2.69, Width: 0.79
Frequency
Integral of Fit (V*ns)

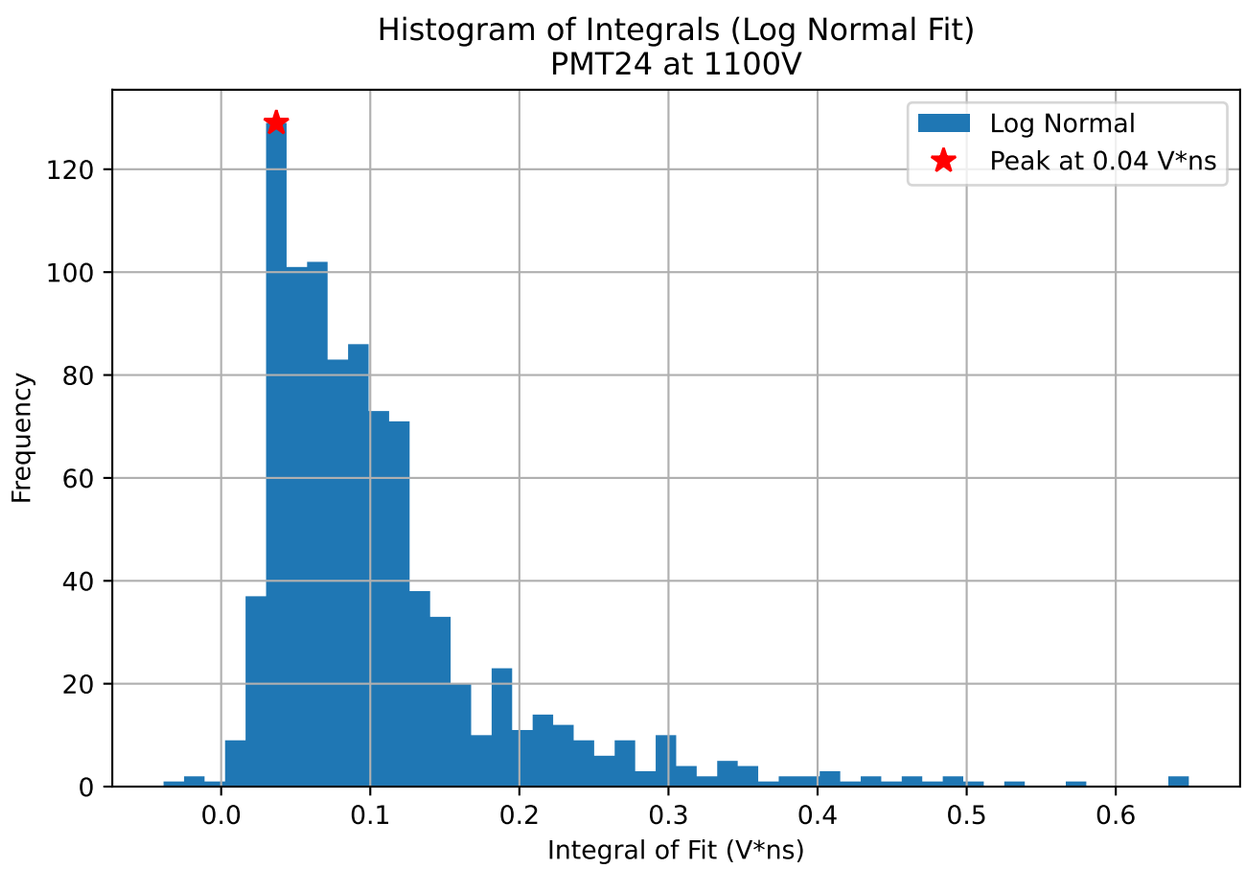

Histogram of Max Heights (Log Normal Fit)
PMT16 at 1800V
Log Normal
Peak at 0.53 V
Gaussian Fit
Amp: 129.36, Mean: 0.54, Width: 0.09
Frequency
Max Height (V)

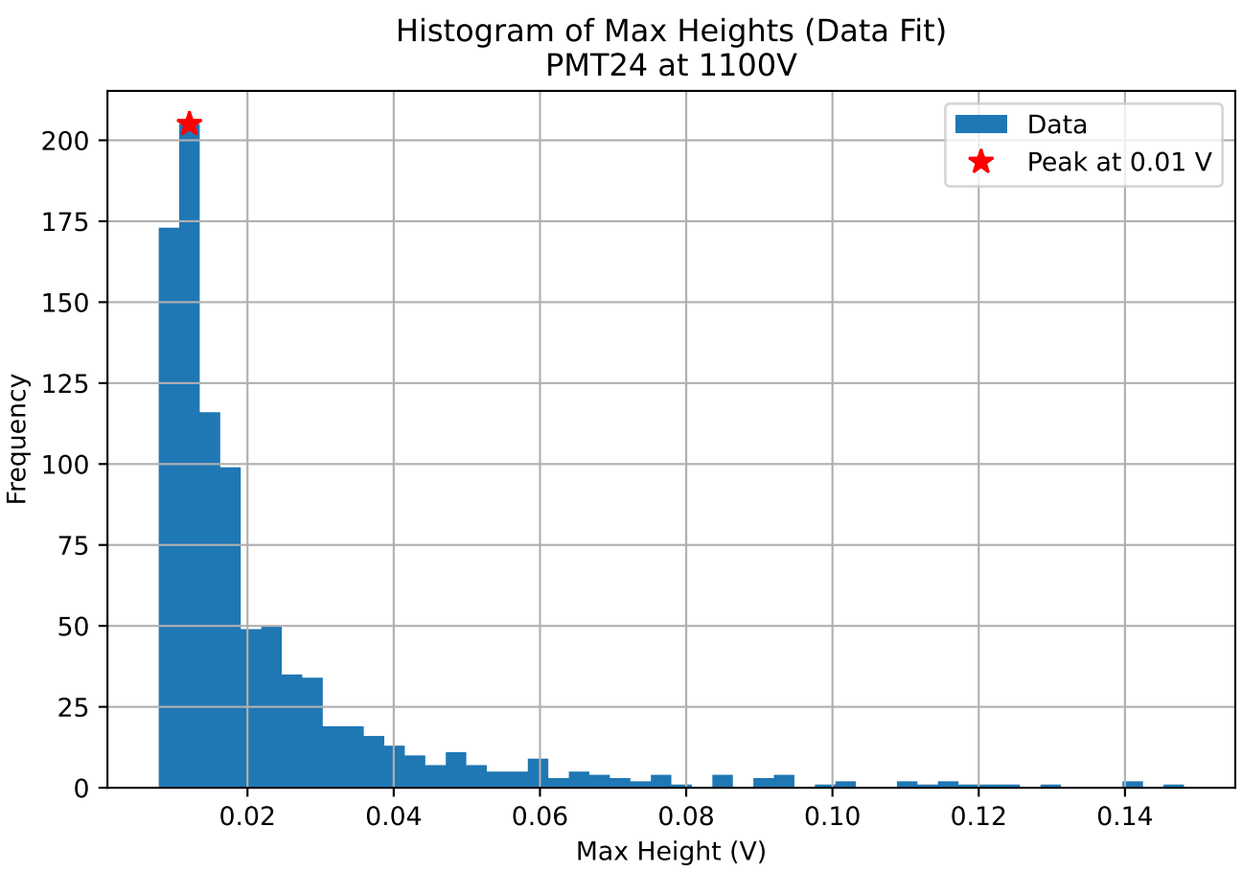

Histogram of Integrals (Log Normal Fit)
PMT16 at 1800V
Log Normal
Peak at 4.86 V*ns
Gaussian Fit
Amp: 350.62, Mean: 4.41, Width: 1.00
Frequency
Integral of Fit (V*ns)

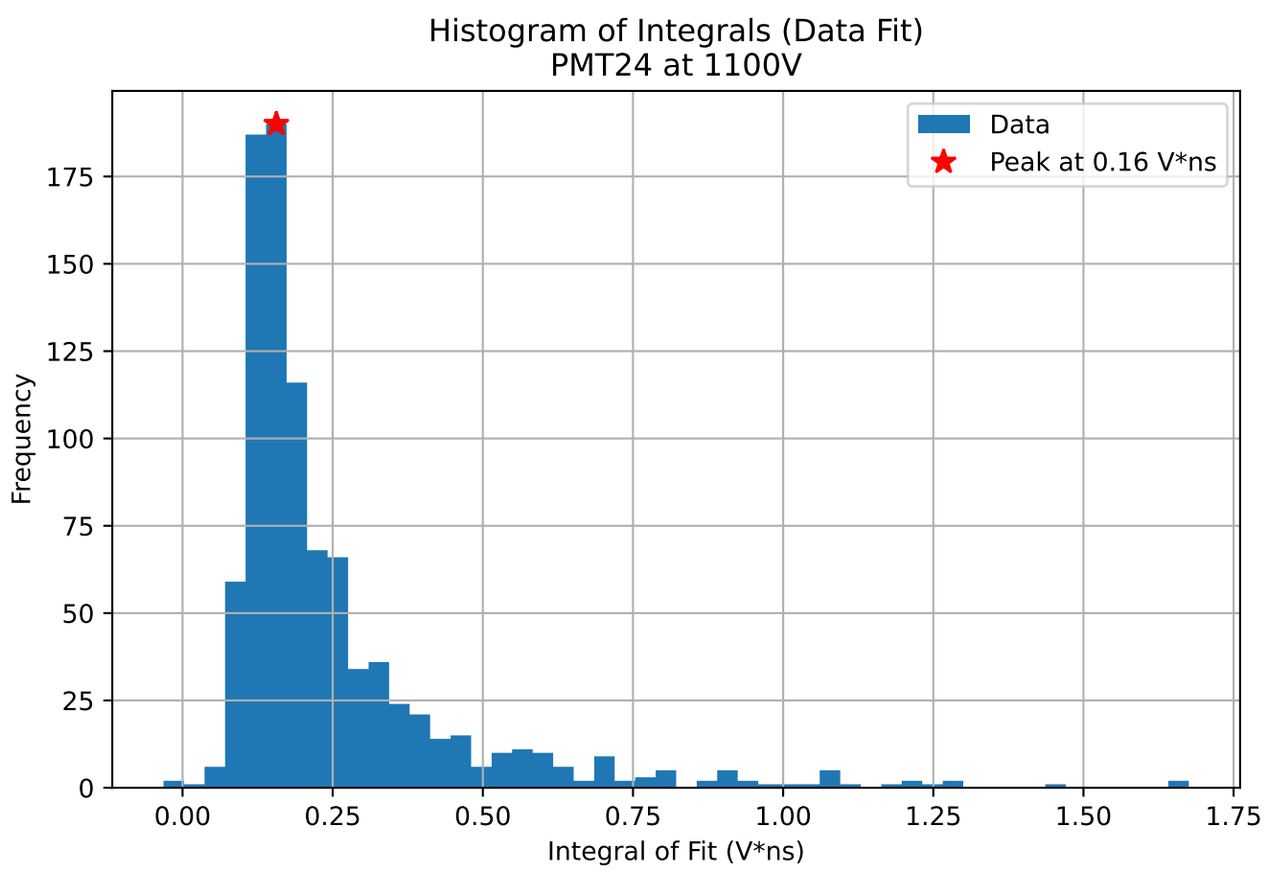

Histogram of Max Heights (Data Fit)
PMT16 at 1800V
Data
Peak at 0.58 V
Gaussian Fit
Amp: 200.22, Mean: 0.56, Width: 0.08
Frequency
Max Height (V)

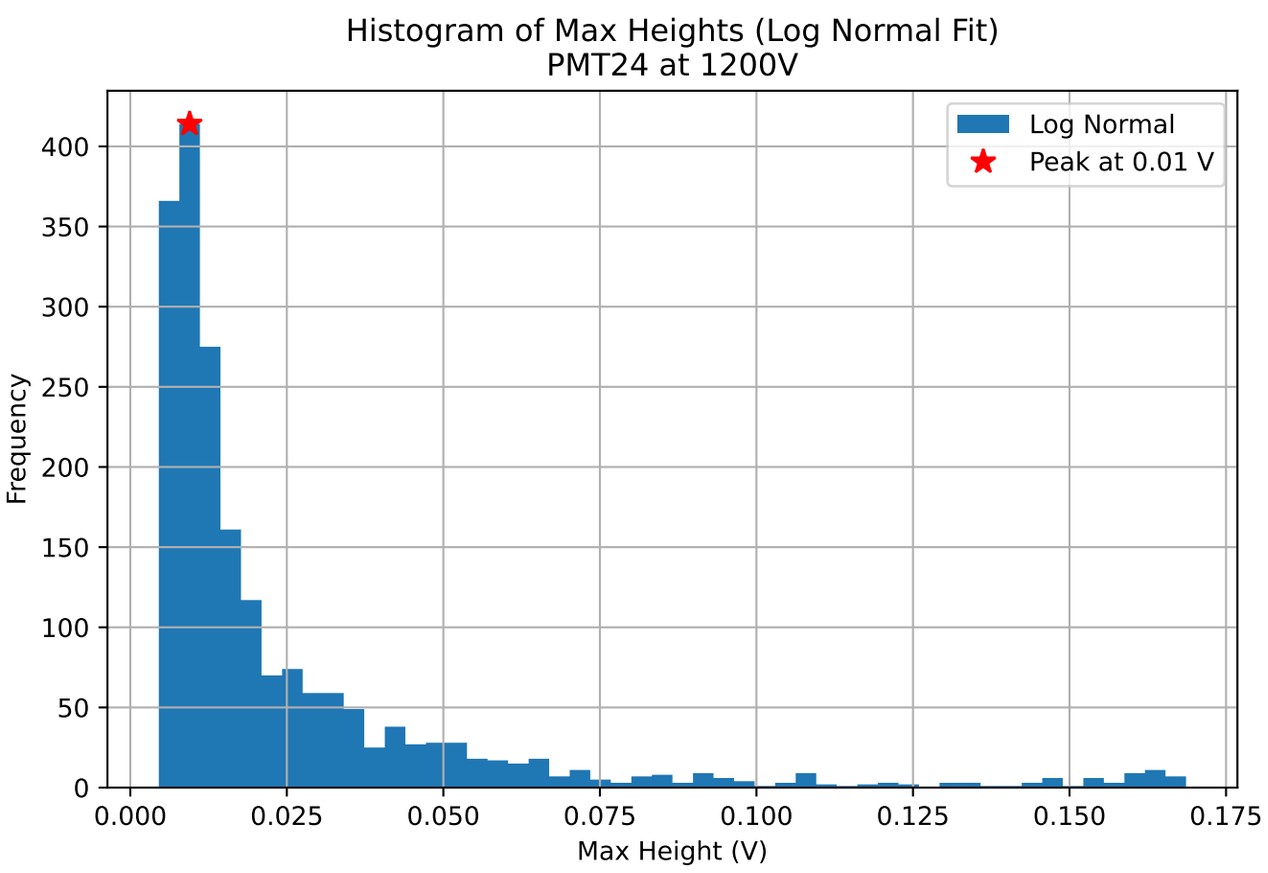

Histogram of Integrals (Data Fit)
PMT16 at 1800V
Data
Peak at 4.76 V*ns
Gaussian Fit
Amp: 396.13, Mean: 4.48, Width: 1.08
Frequency
Integral of Fit (V*ns)

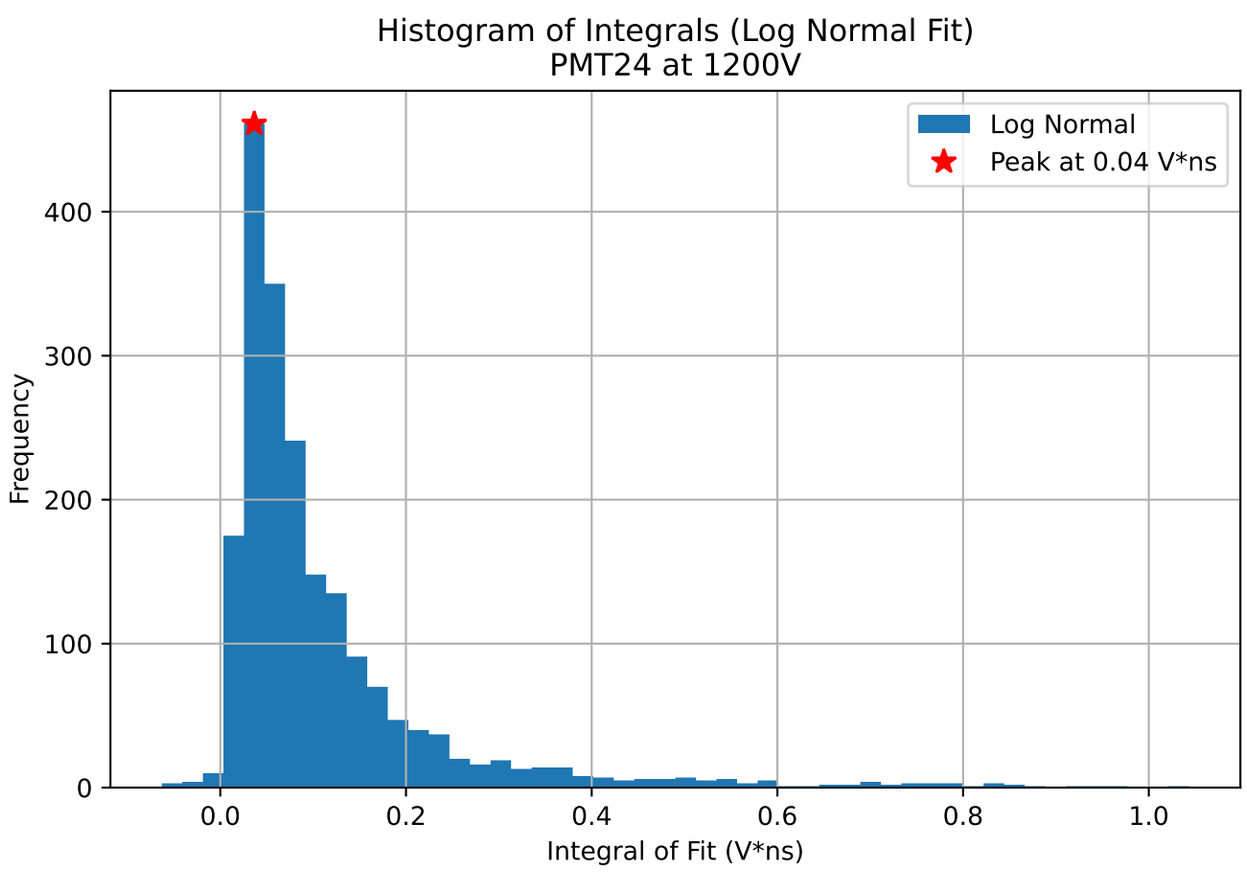

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1100V
Log Normal
Peak at 0.01 V
Frequency
Max Height (V)
0
50
100
150
200
250
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14
0.16

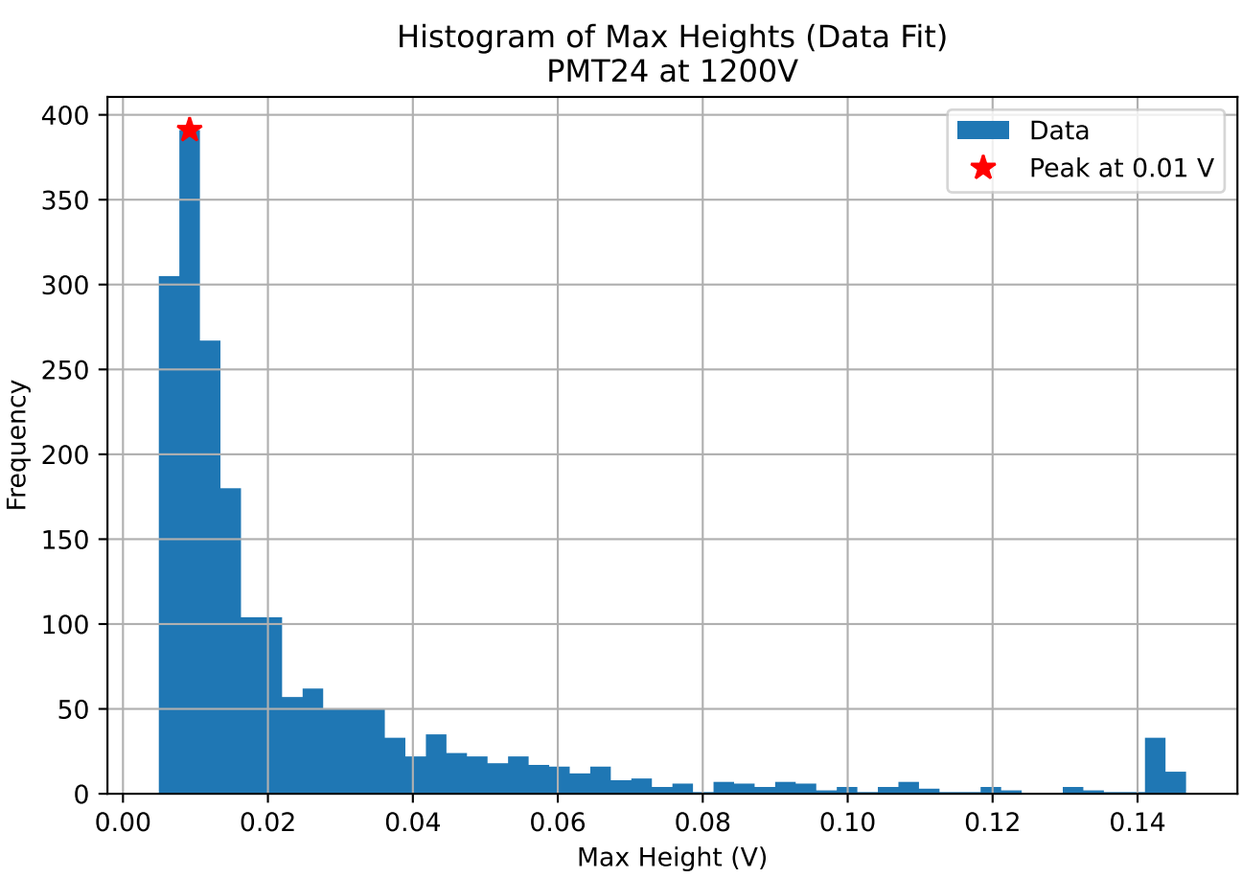

Histogram of Integrals (Log Normal Fit)
PMT24 at 1100V
Log Normal
Peak at 0.04 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
0.0
0.1
0.2
0.3
0.4
0.5
0.6

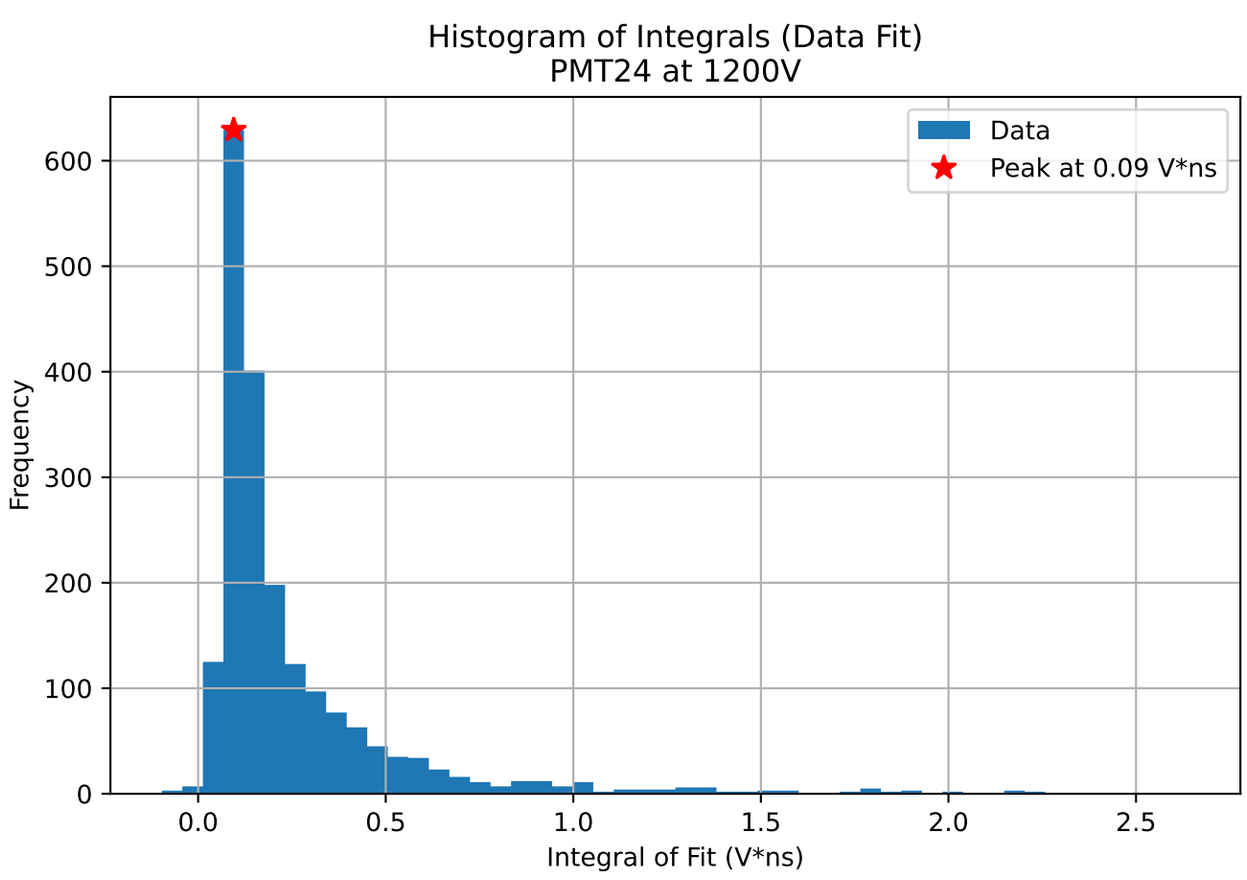

Histogram of Max Heights (Data Fit)
PMT24 at 1100V
Data
Peak at 0.01 V
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
200
0.02
0.04
0.06
0.08
0.10
0.12
0.14

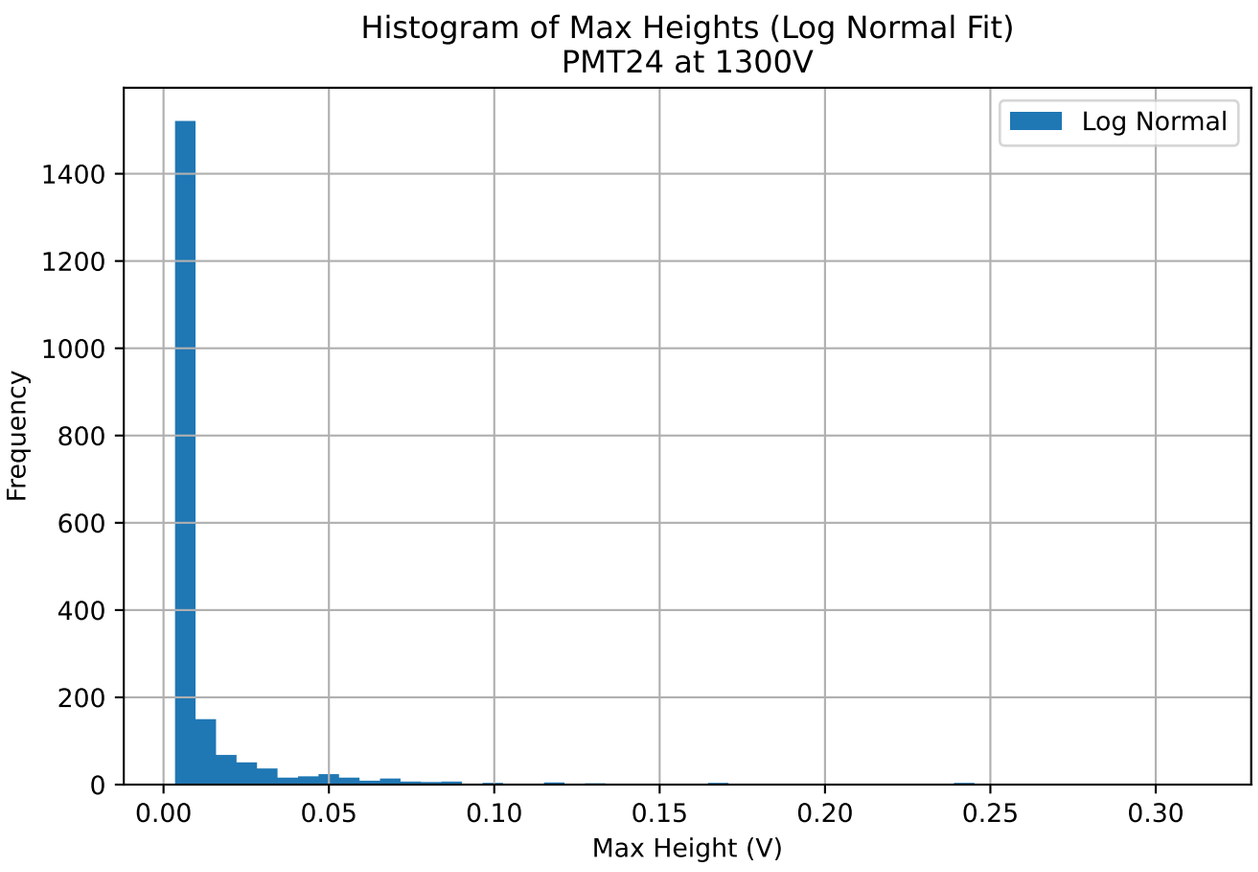

Histogram of Integrals (Data Fit)
PMT24 at 1100V
Data
Peak at 0.16 V*ns
Frequency
Integral of Fit (V*ns)
0
25
50
75
100
125
150
175
0.00
0.25
0.50
0.75
1.00
1.25
1.50
1.75

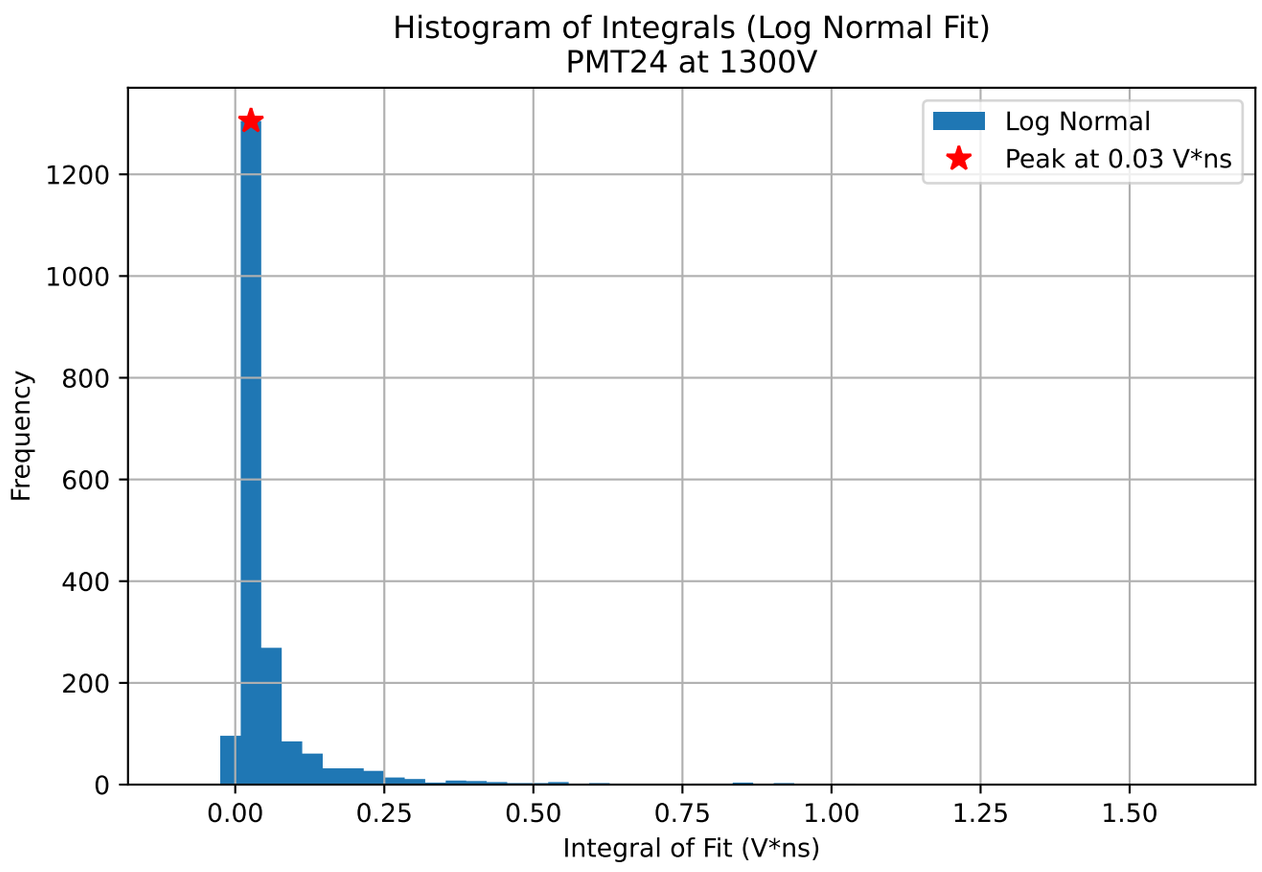

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1200V
Log Normal
Peak at 0.01 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.000
0.025
0.050
0.075
0.100
0.125
0.150
0.175

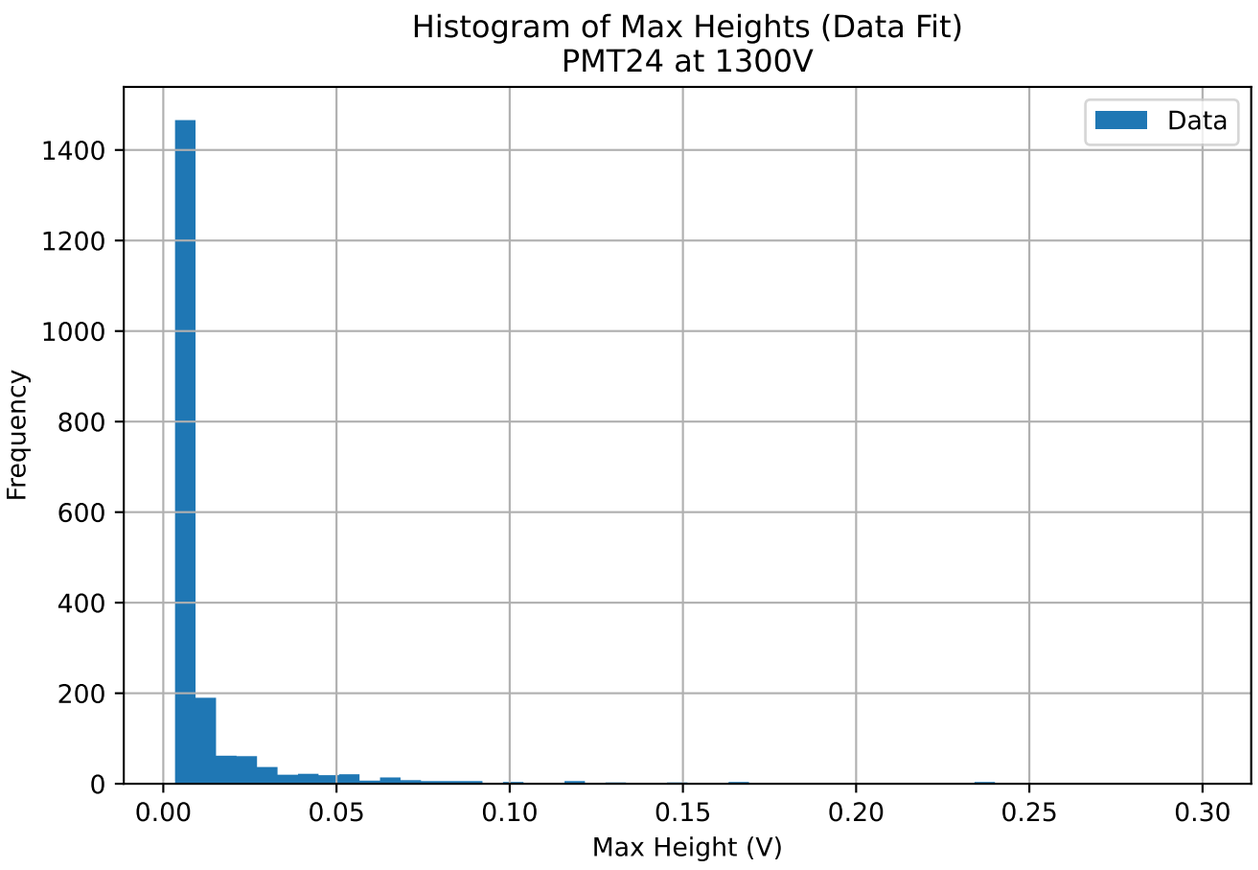

Histogram of Integrals (Log Normal Fit)
PMT24 at 1200V
Log Normal
Peak at 0.04 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
0.0
0.2
0.4
0.6
0.8
1.0

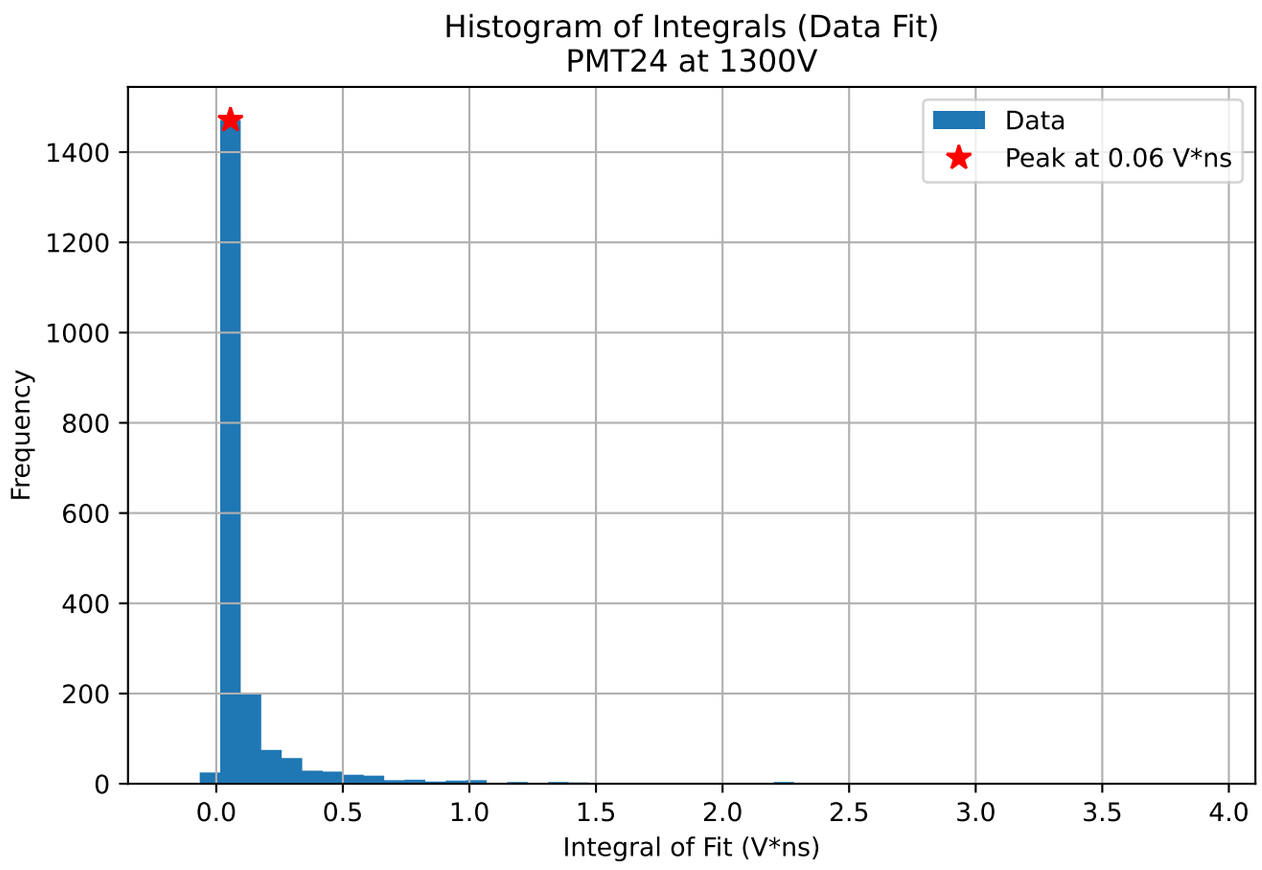

Histogram of Max Heights (Data Fit)
PMT24 at 1200V
Data
Peak at 0.01 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.00
0.02
0.04
0.06
0.08
0.10
0.12
0.14

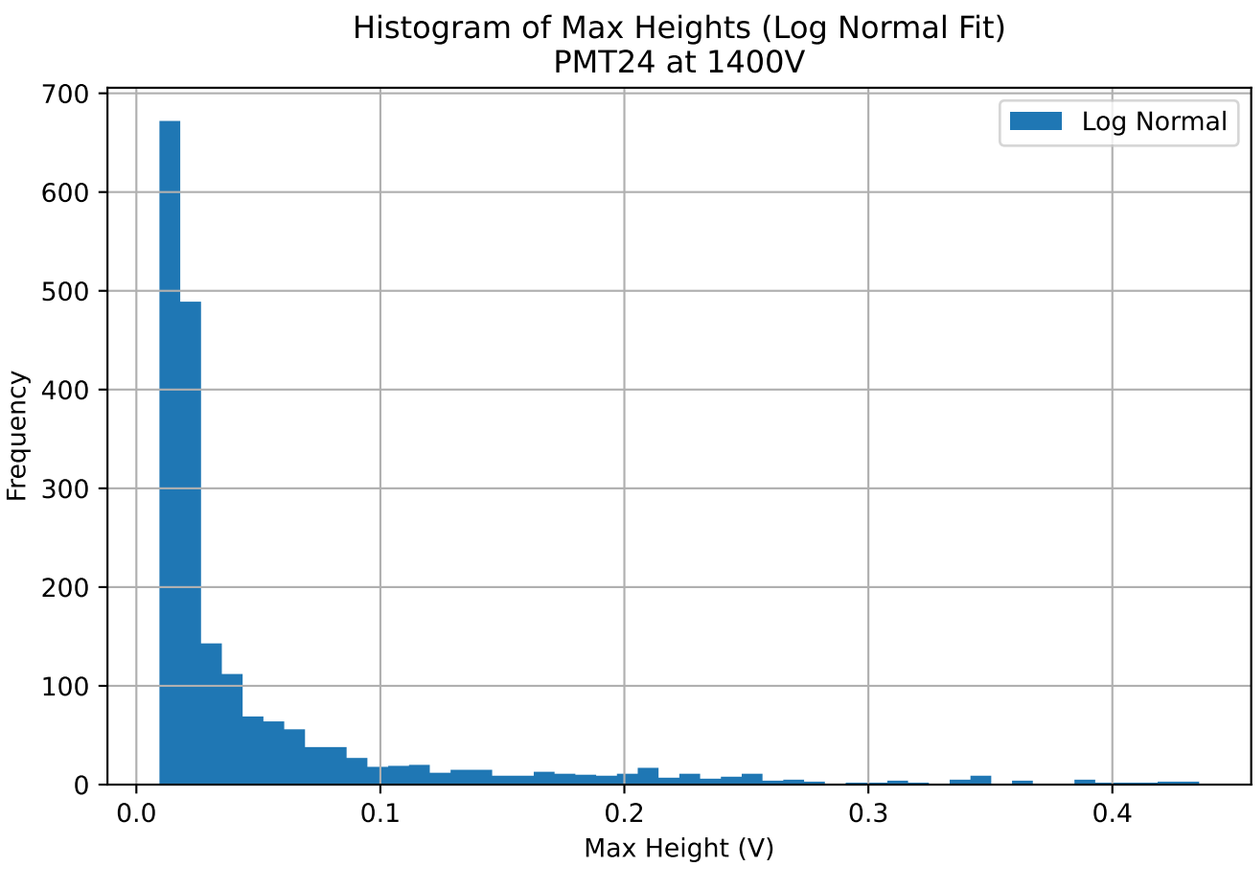

Histogram of Integrals (Data Fit)
PMT24 at 1200V
Data
Peak at 0.09 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0.0
0.5
1.0
1.5
2.0
2.5

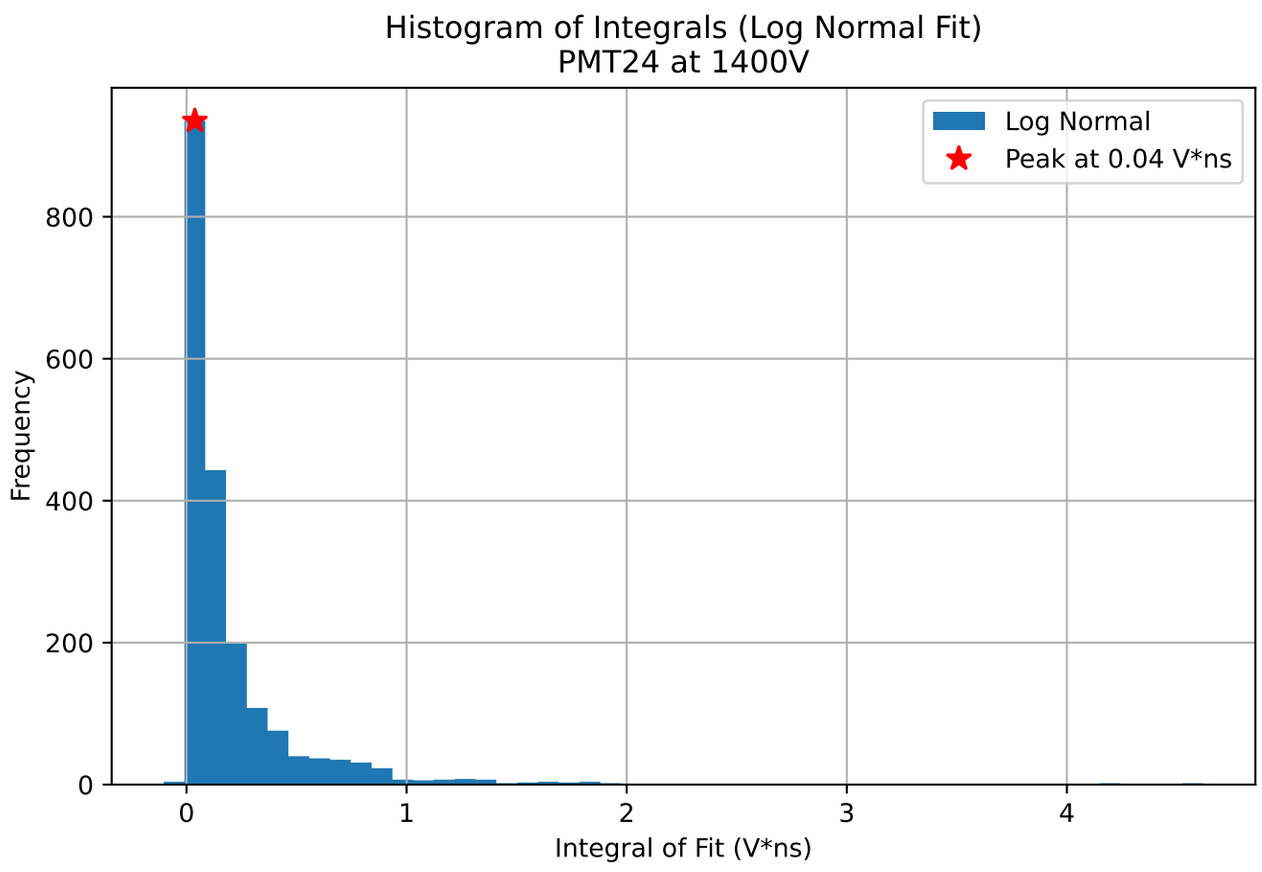

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1300V
Log Normal
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
0.00
0.05
0.10
0.15
0.20
0.25
0.30

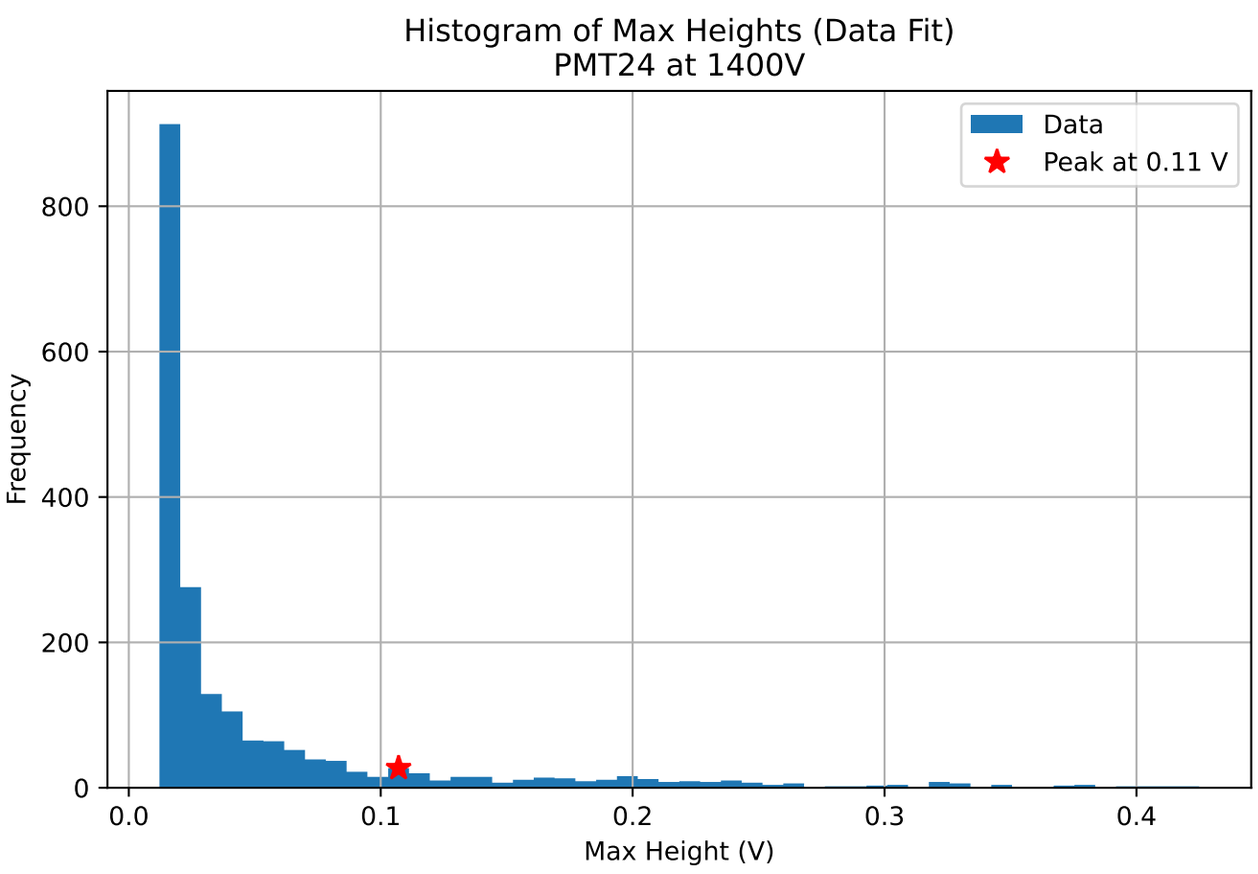

Histogram of Integrals (Log Normal Fit)
PMT24 at 1300V
Log Normal
Peak at 0.03 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
0.00
0.25
0.50
0.75
1.00
1.25
1.50

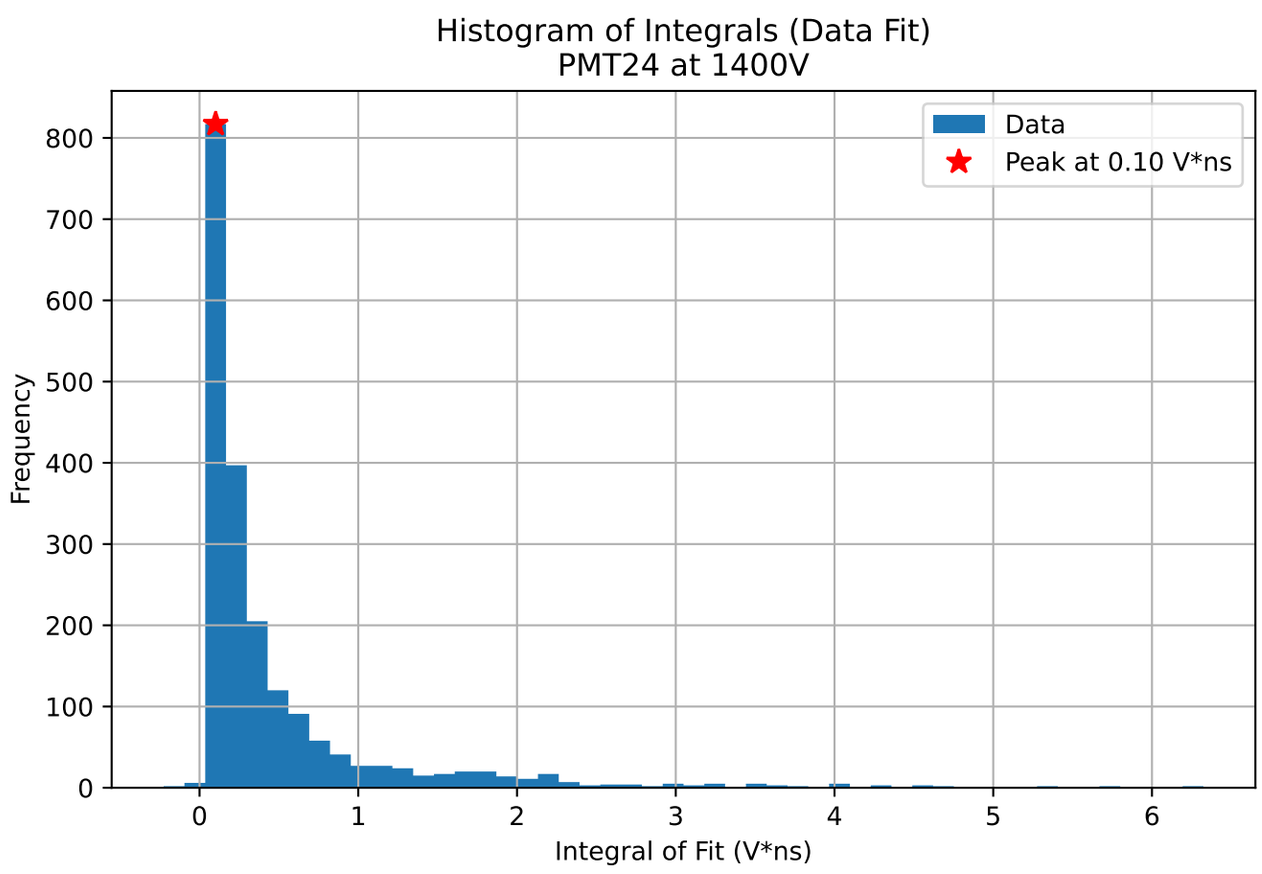

Histogram of Max Heights (Data Fit)
PMT24 at 1300V
Data
Frequency
Max Height (V)
0
200
400
600
800
1000
1200
1400
0.00
0.05
0.10
0.15
0.20
0.25
0.30

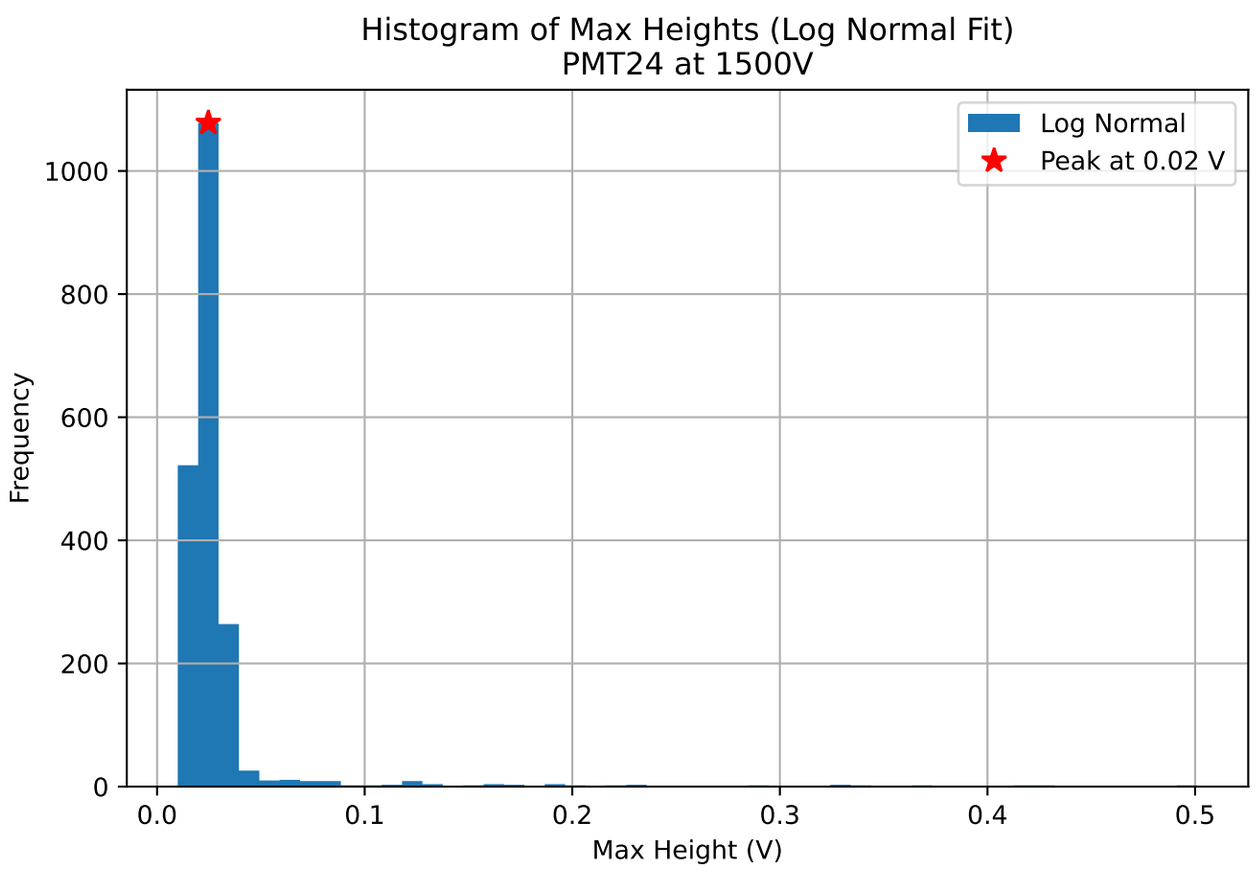

Histogram of Integrals (Data Fit)
PMT24 at 1300V
Data
Peak at 0.06 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

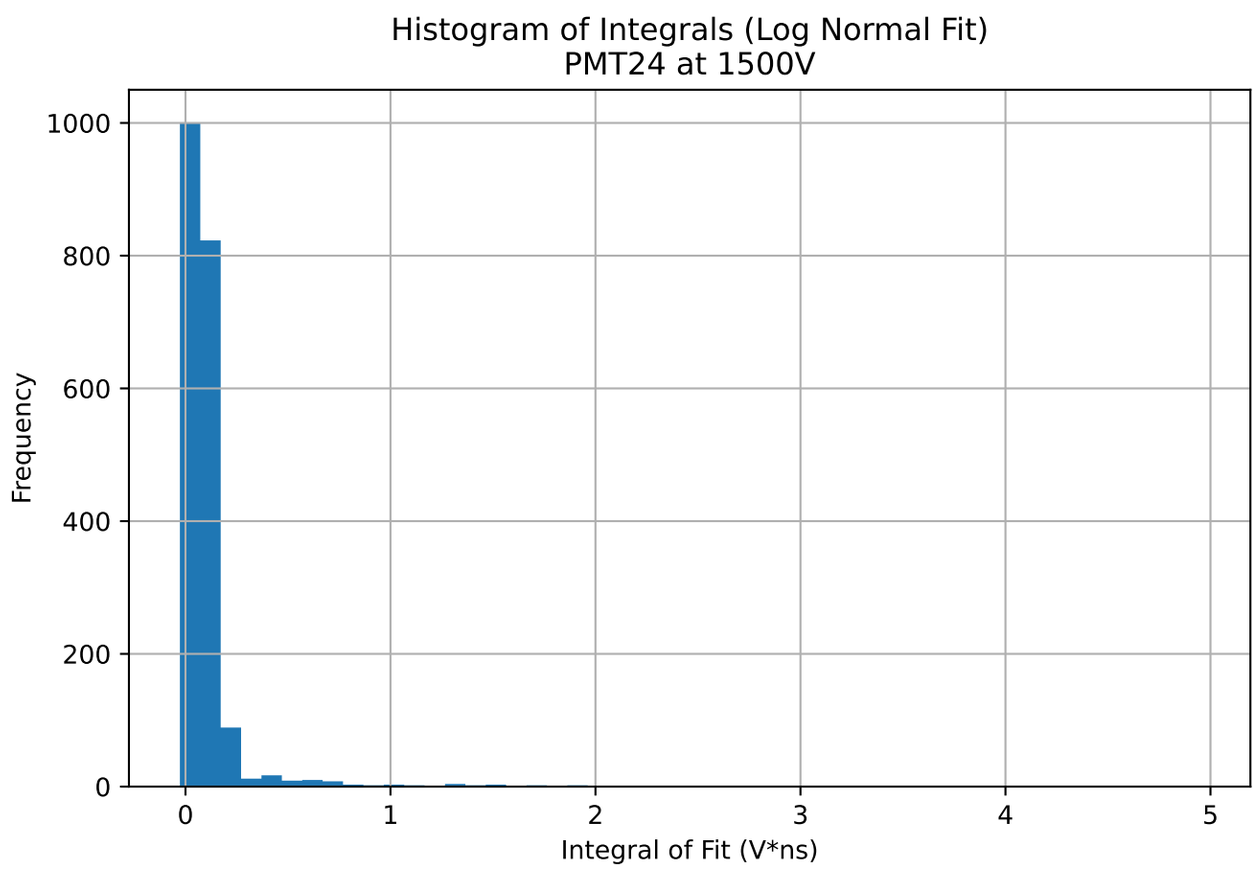

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1400V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.0
0.1
0.2
0.3
0.4

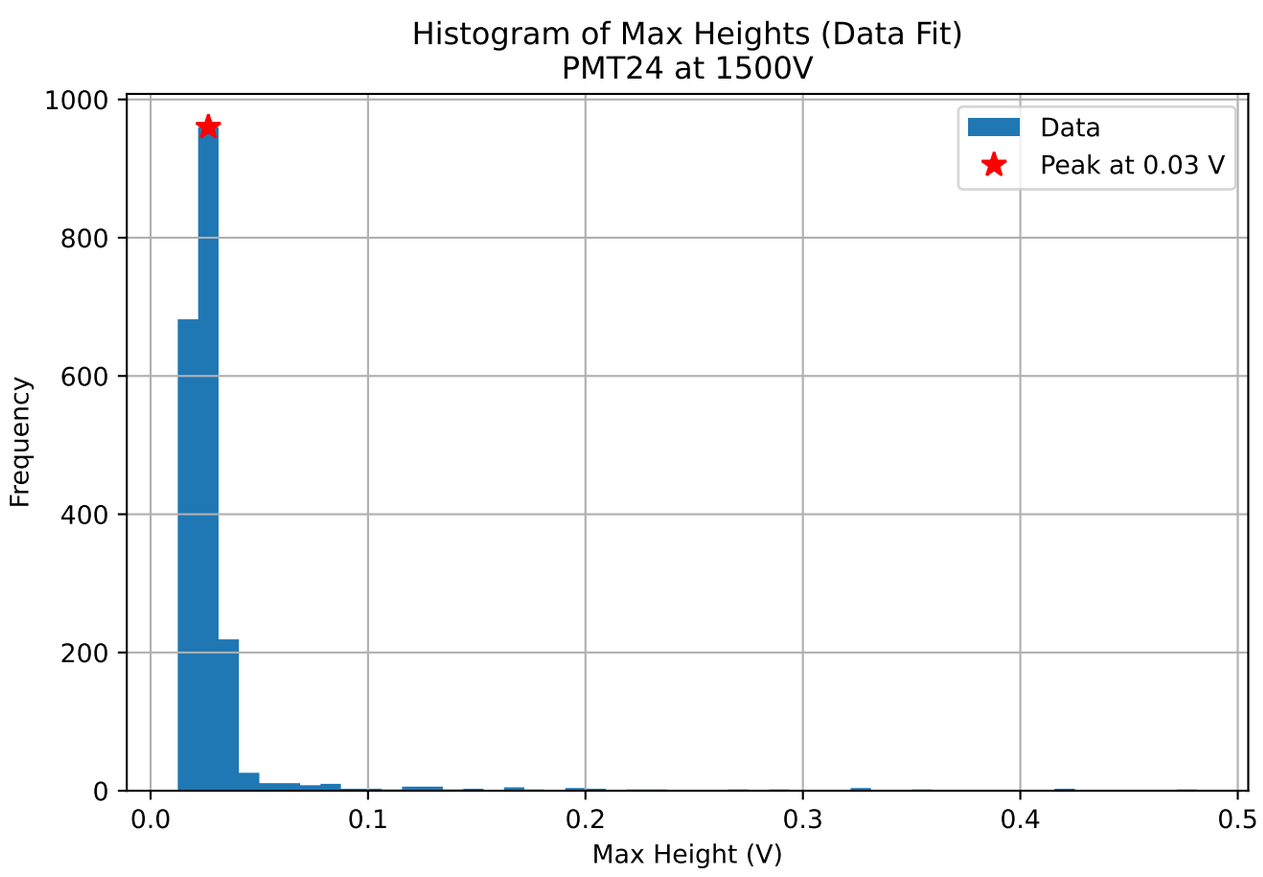

Histogram of Integrals (Log Normal Fit)
PMT24 at 1400V
Log Normal
Peak at 0.04 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
0
1
2
3
4

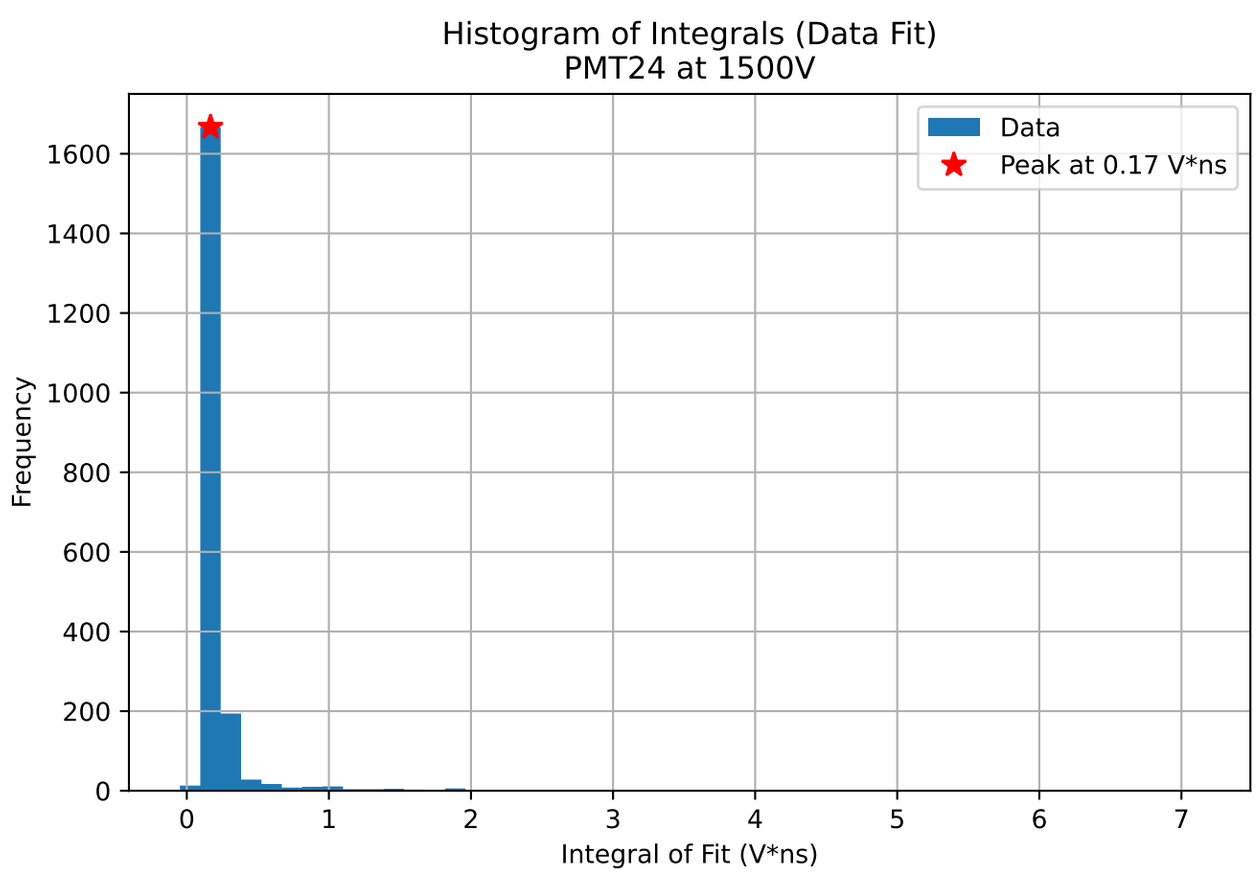

Histogram of Max Heights (Data Fit)
PMT24 at 1400V
Data
Peak at 0.11 V
Frequency
Max Height (V)
0
200
400
600
800
0.0
0.1
0.2
0.3
0.4

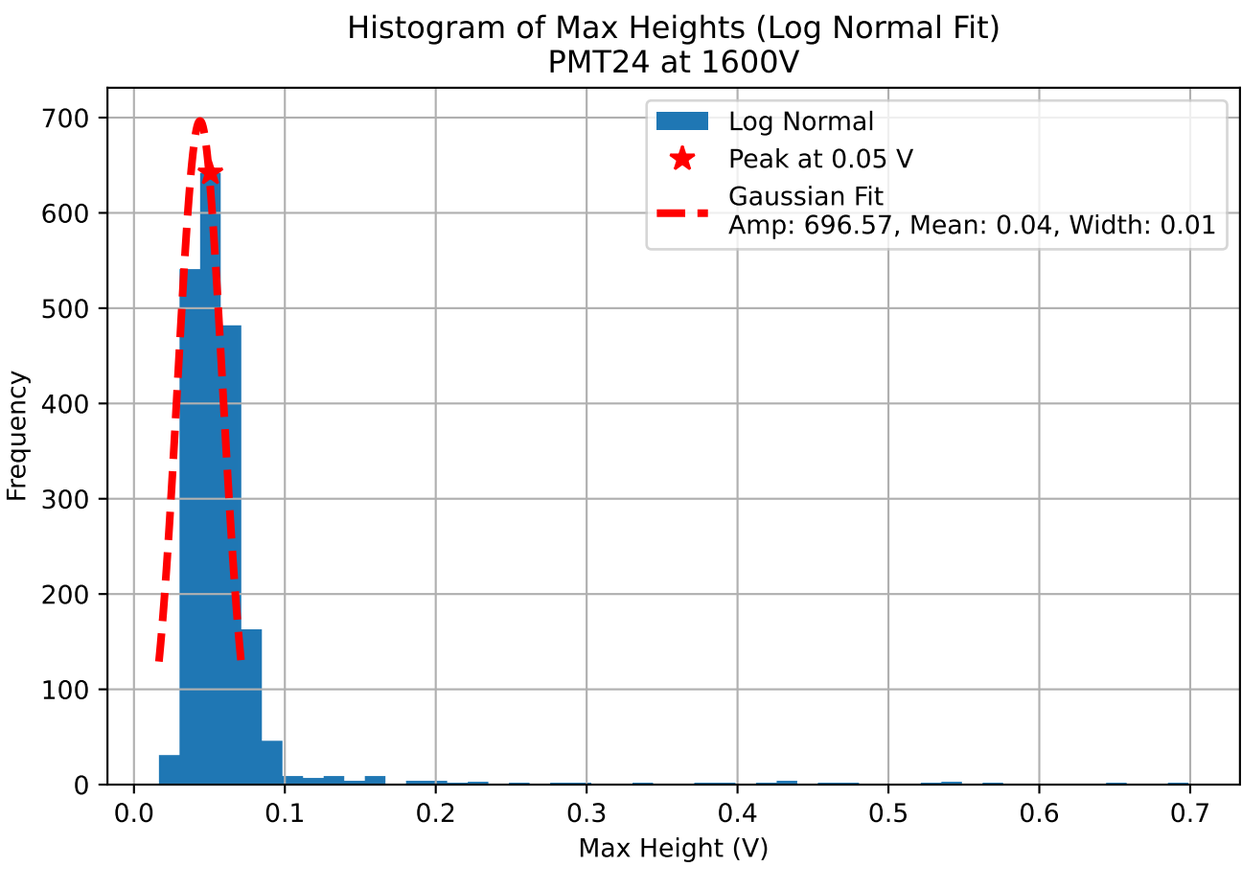

Histogram of Integrals (Data Fit)
PMT24 at 1400V
Data
Peak at 0.10 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
800
0
1
2
3
4
5
6

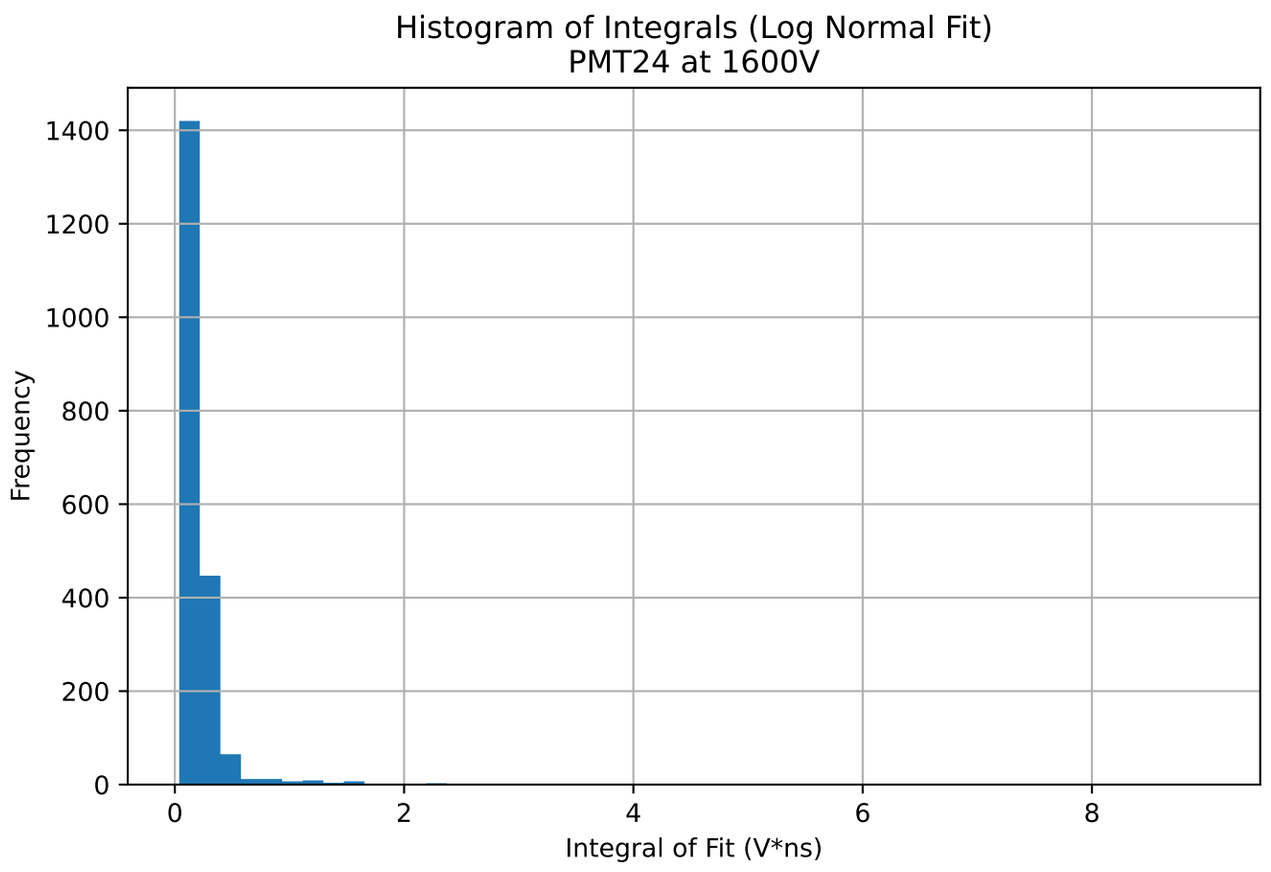

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1500V
Log Normal
Peak at 0.02 V
Frequency
Max Height (V)
0
200
400
600
800
1000
0.0
0.1
0.2
0.3
0.4
0.5

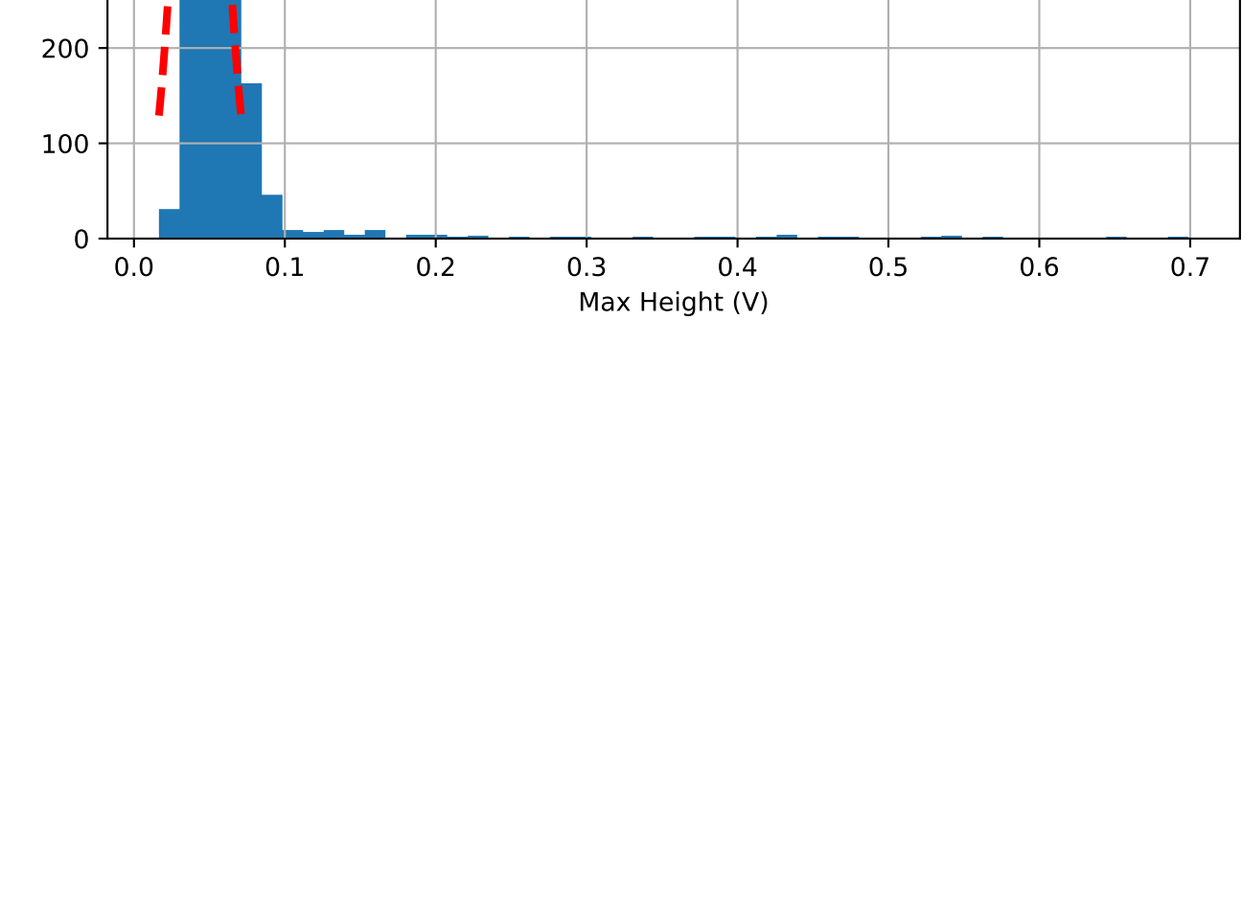

Histogram of Integrals (Log Normal Fit)
PMT24 at 1500V
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
0
1
2
3
4
5

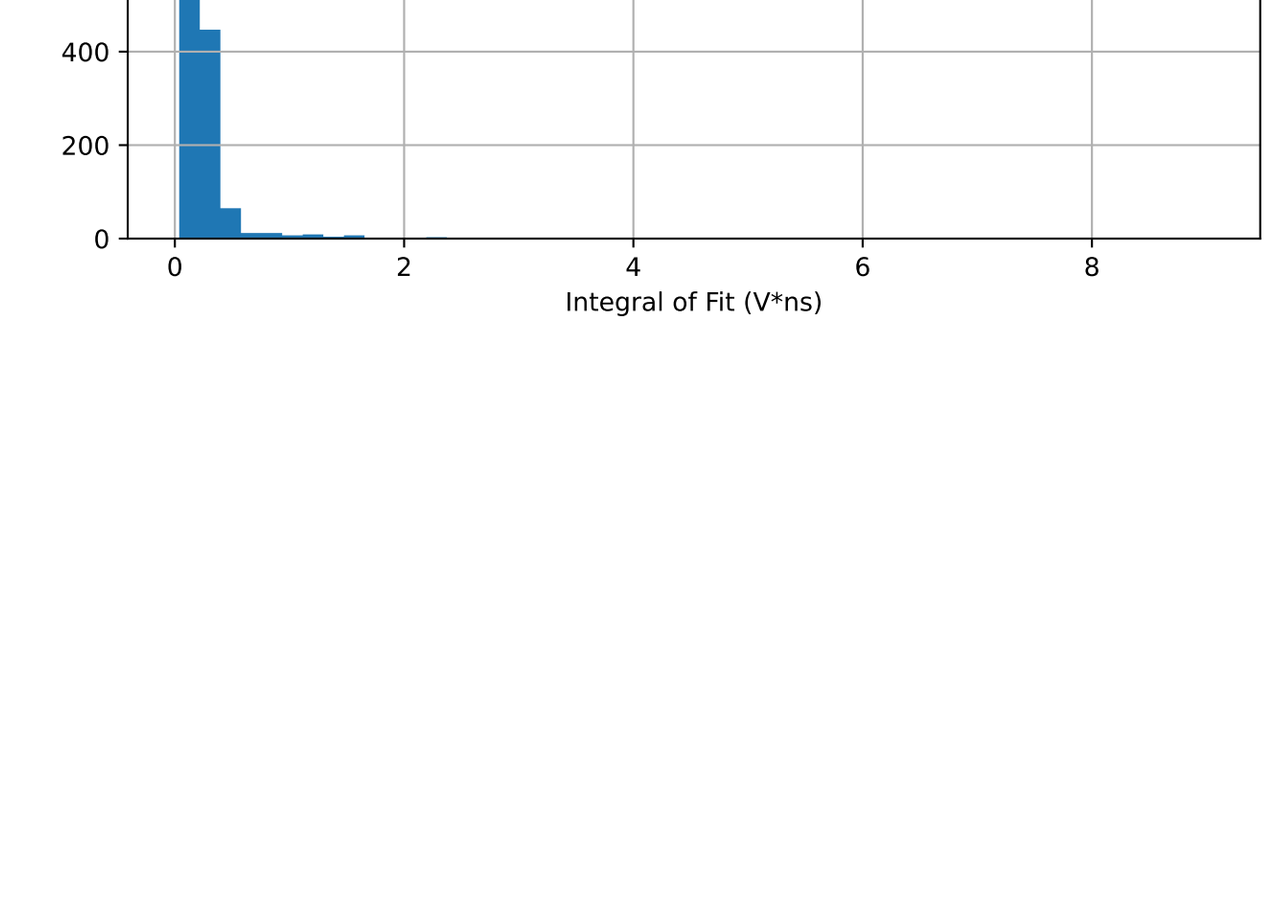

Histogram of Max Heights (Data Fit)
PMT24 at 1500V
Data
Peak at 0.03 V
Frequency
Max Height (V)
0
200
400
600
800
1000
0.0
0.1
0.2
0.3
0.4
0.5

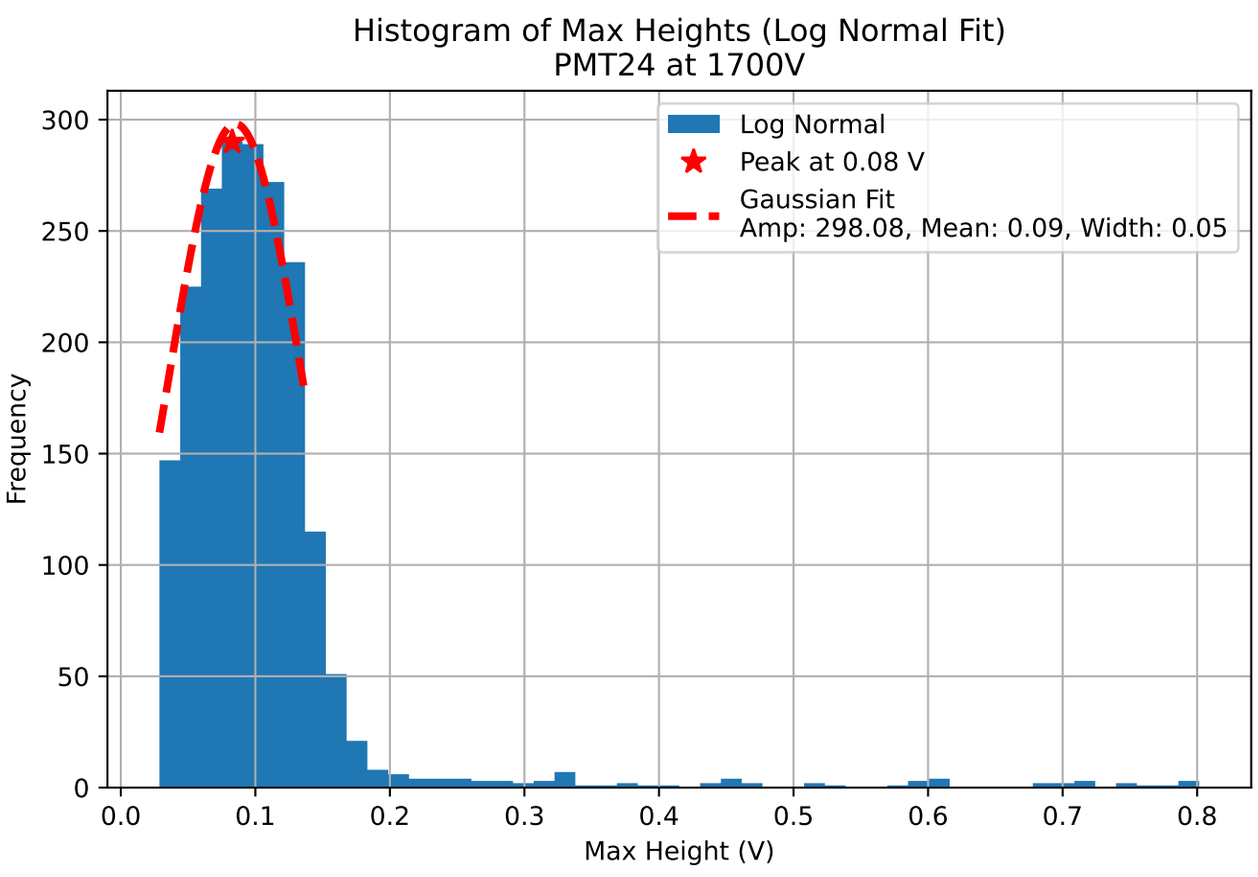

Histogram of Integrals (Data Fit)
PMT24 at 1500V
Data
Peak at 0.17 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
1600
0
1
2
3
4
5
6
7

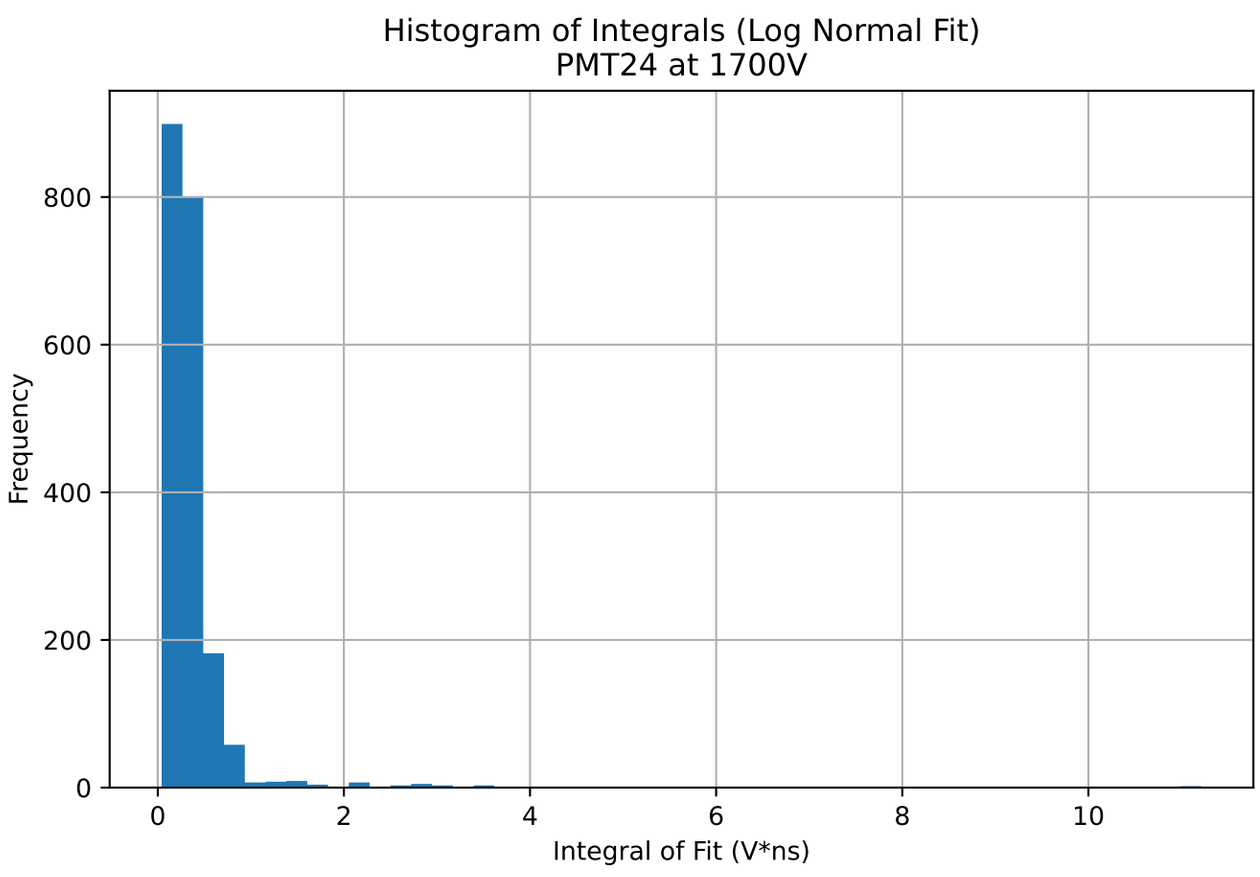

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1600V
Log Normal
Peak at 0.05 V
Gaussian Fit
Amp: 696.57, Mean: 0.04, Width: 0.01
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

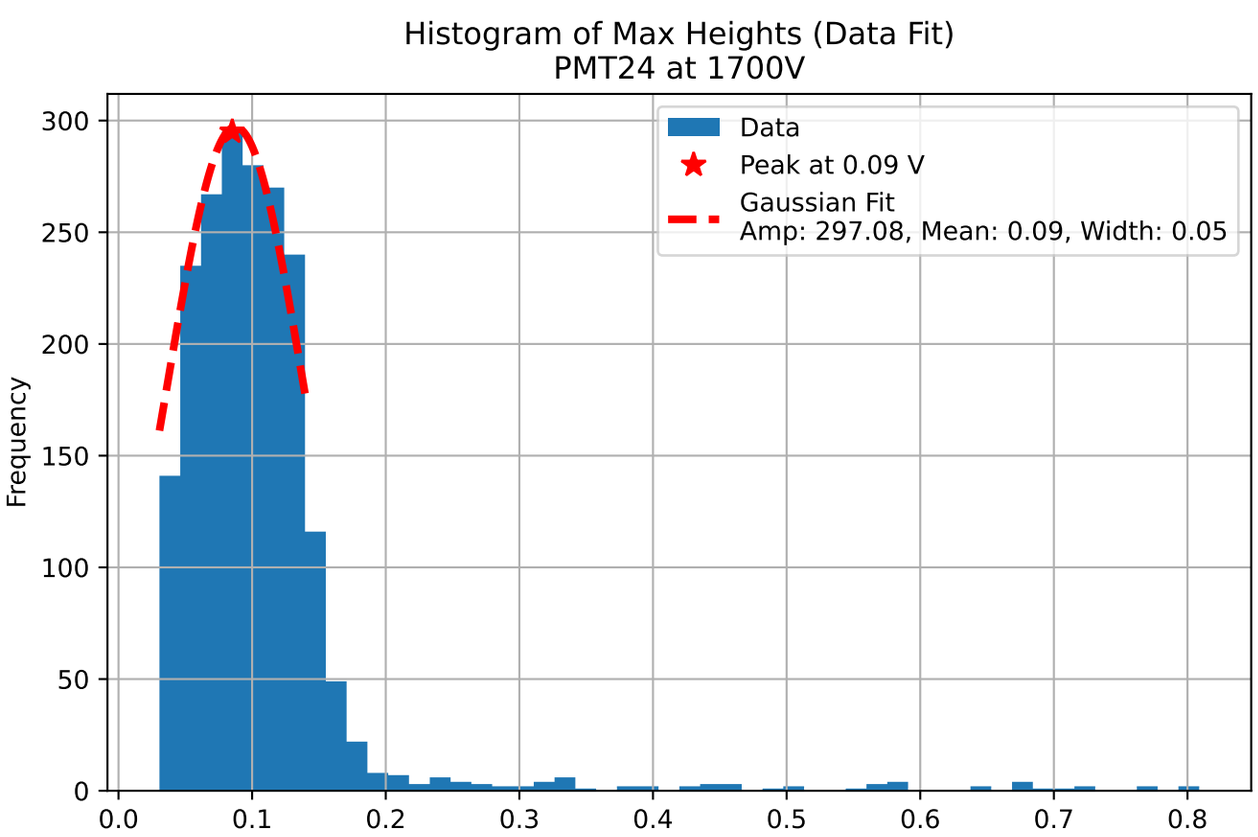

Histogram of Integrals (Log Normal Fit)
PMT24 at 1600V
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
0
2
4
6
8

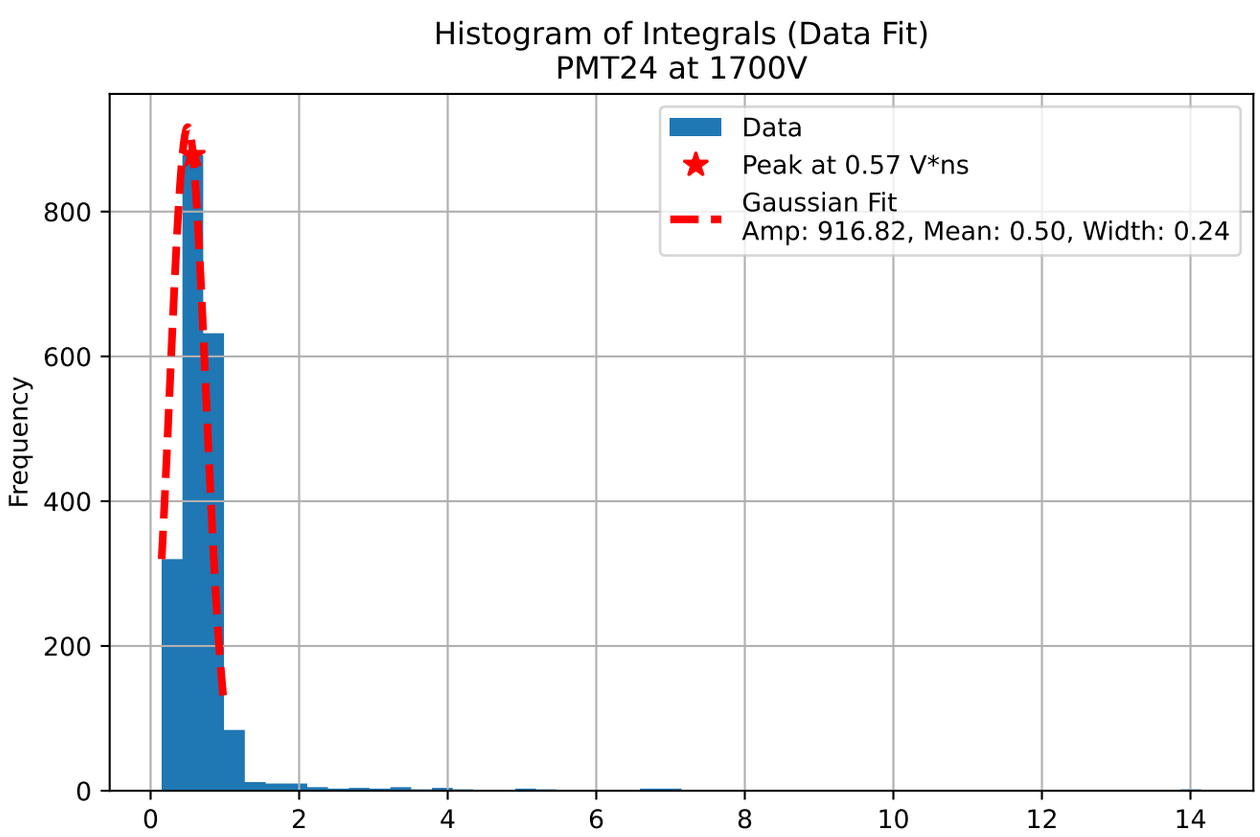

Histogram of Max Heights (Data Fit)
PMT24 at 1600V
Data
Peak at 0.05 V
Gaussian Fit
Amp: 633.38, Mean: 0.05, Width: 0.02
Frequency
Max Height (V)
0
100
200
300
400
500
600
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

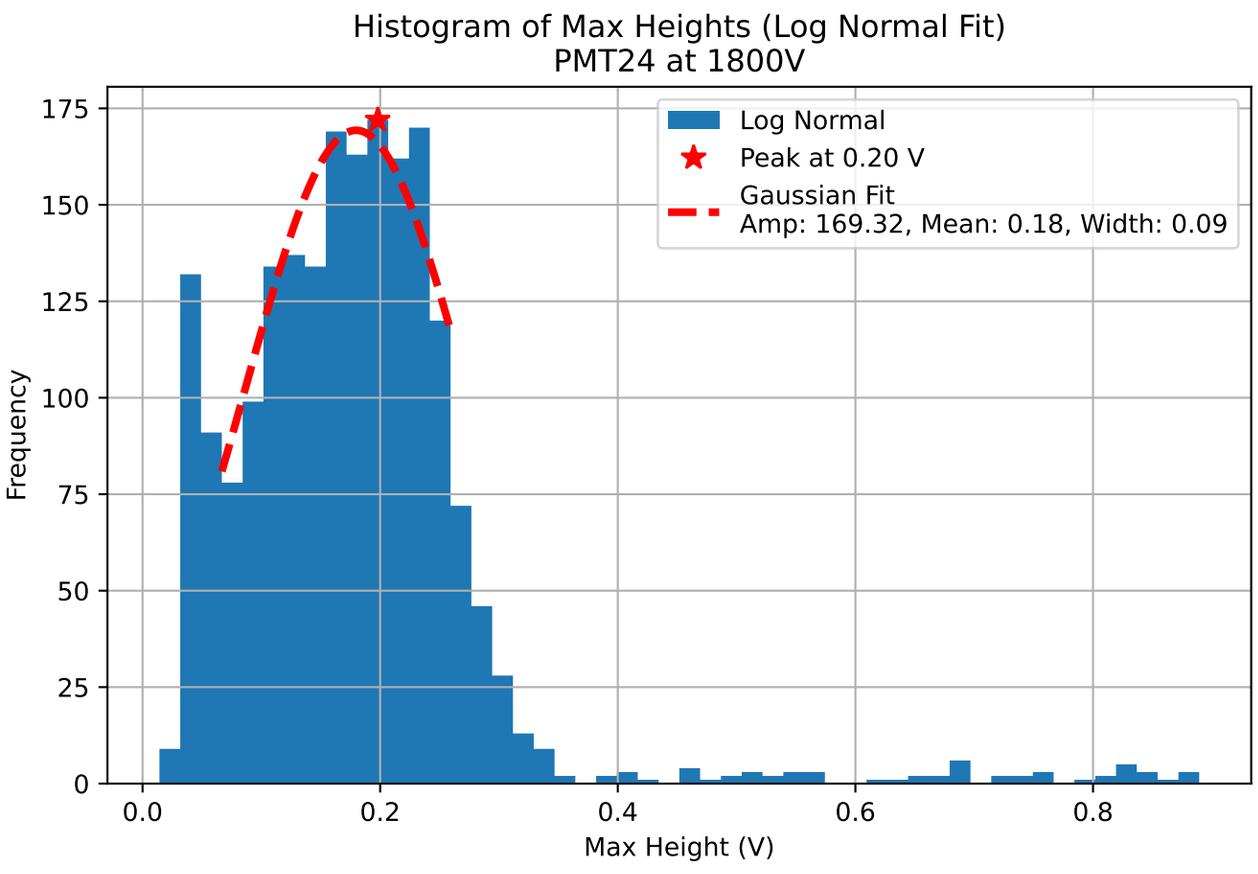

Histogram of Integrals (Data Fit)
PMT24 at 1600V
Data
Peak at 0.38 V*ns
Frequency
Integral of Fit (V*ns)
0
200
400
600
800
1000
1200
1400
0
2
4
6
8
10
12

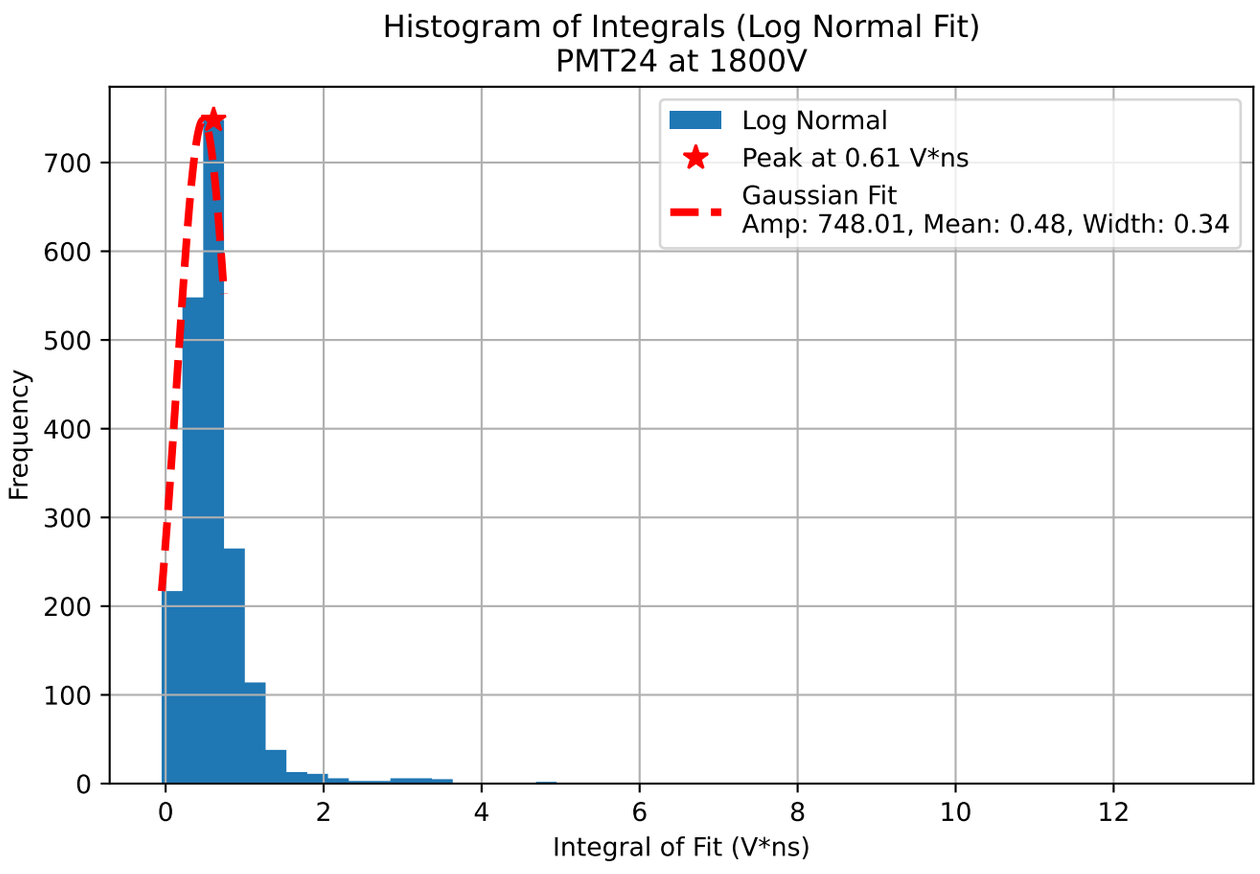

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1700V
Log Normal
Peak at 0.08 V
Gaussian Fit
Amp: 298.08, Mean: 0.09, Width: 0.05
Frequency
Max Height (V)


Histogram of Integrals (Log Normal Fit)
PMT24 at 1700V
Frequency
Integral of Fit (V*ns)


Histogram of Max Heights (Data Fit)
PMT24 at 1700V
Data
Peak at 0.09 V
Gaussian Fit
Amp: 297.08, Mean: 0.09, Width: 0.05
Frequency
Max Height (V)

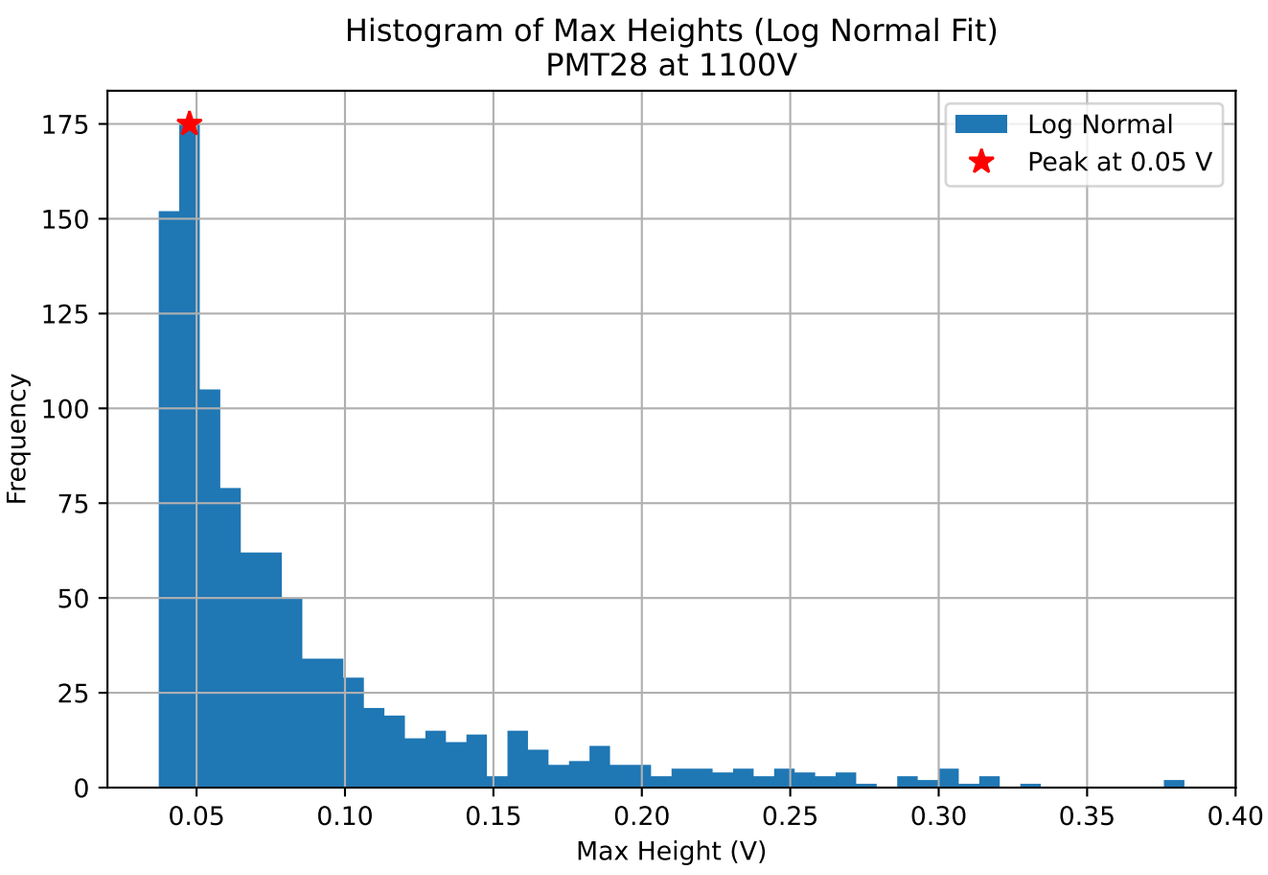

Histogram of Integrals (Data Fit)
PMT24 at 1700V
Data
Peak at 0.57 V*ns
Gaussian Fit
Amp: 916.82, Mean: 0.50, Width: 0.24
Frequency
Integral of Fit (V*ns)

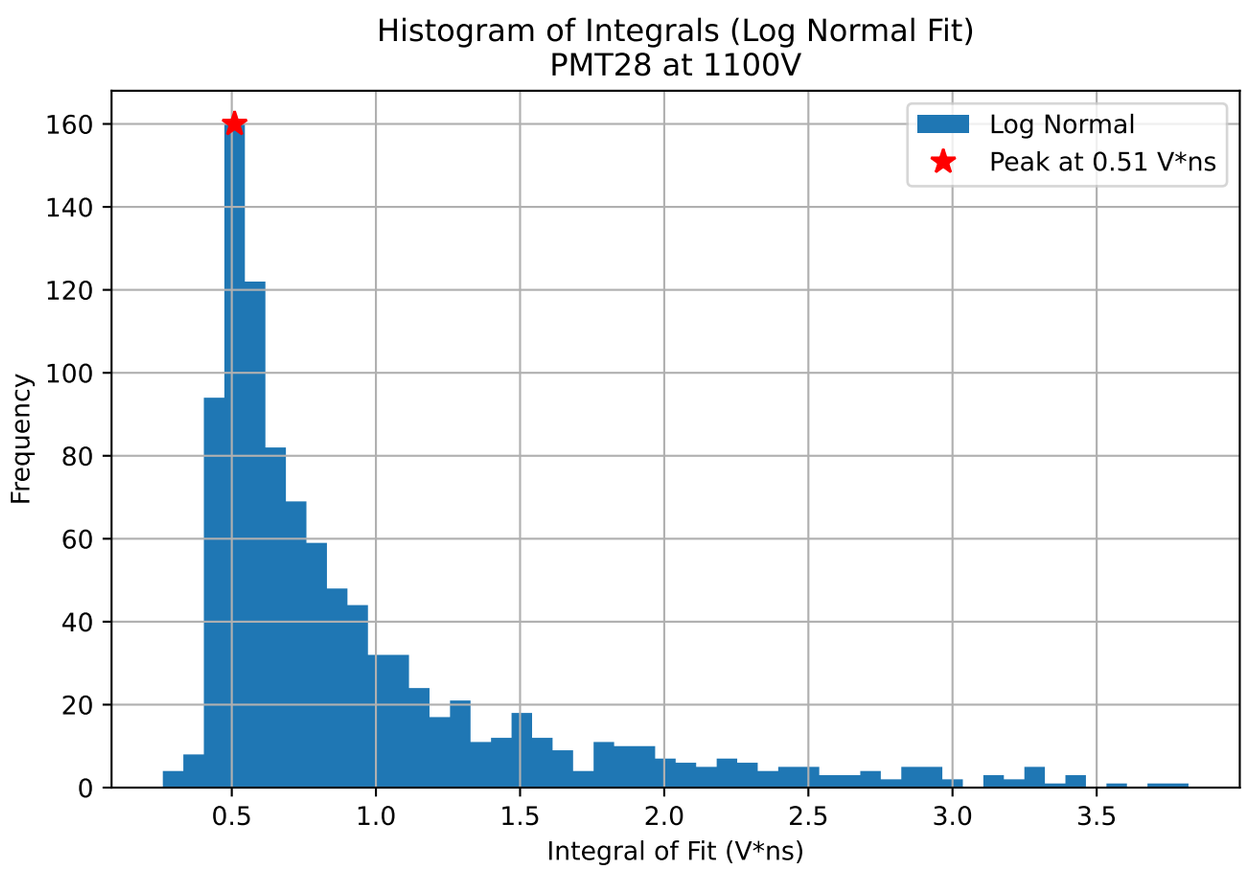

Histogram of Max Heights (Log Normal Fit)
PMT24 at 1800V
Log Normal
Peak at 0.20 V
Gaussian Fit
Amp: 169.32, Mean: 0.18, Width: 0.09
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
0.0
0.2
0.4
0.6
0.8

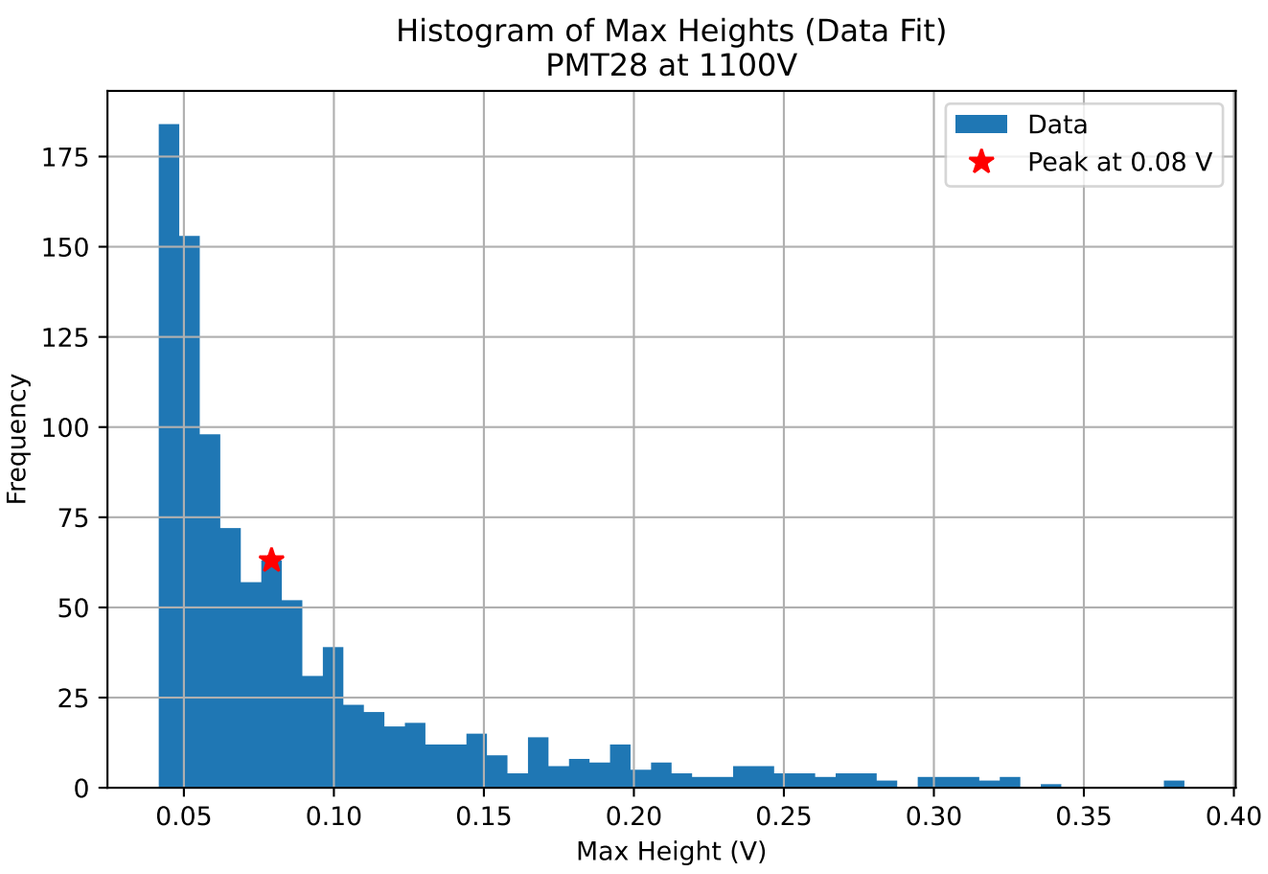

Histogram of Integrals (Log Normal Fit)
PMT24 at 1800V
Log Normal
Peak at 0.61 V*ns
Gaussian Fit
Amp: 748.01, Mean: 0.48, Width: 0.34
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
0
2
4
6
8
10
12

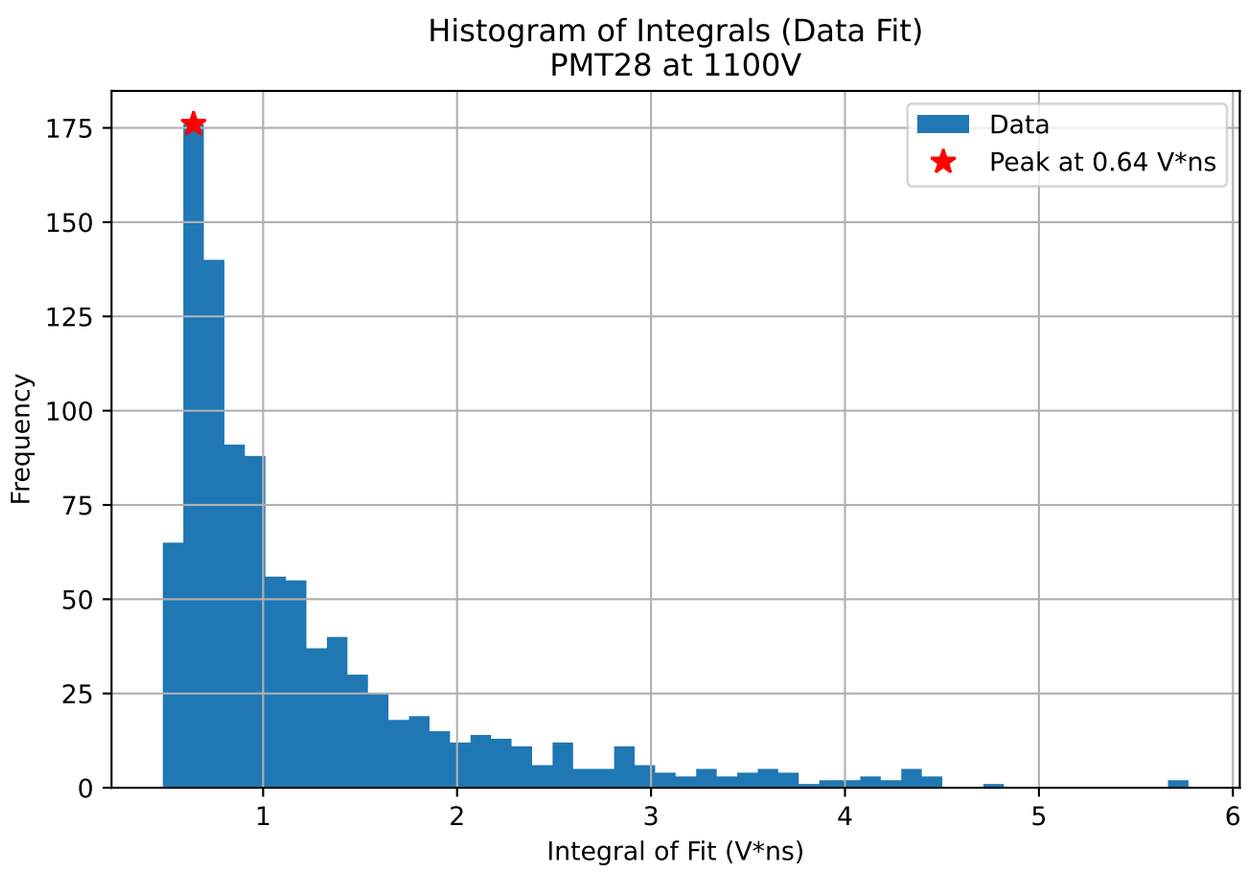
Histogram of Max Heights (Data Fit)
PMT24 at 1800V
Data
Peak at 0.21 V
Gaussian Fit
Amp: 169.20, Mean: 0.19, Width: 0.10
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
0.0
0.2
0.4
0.6
0.8

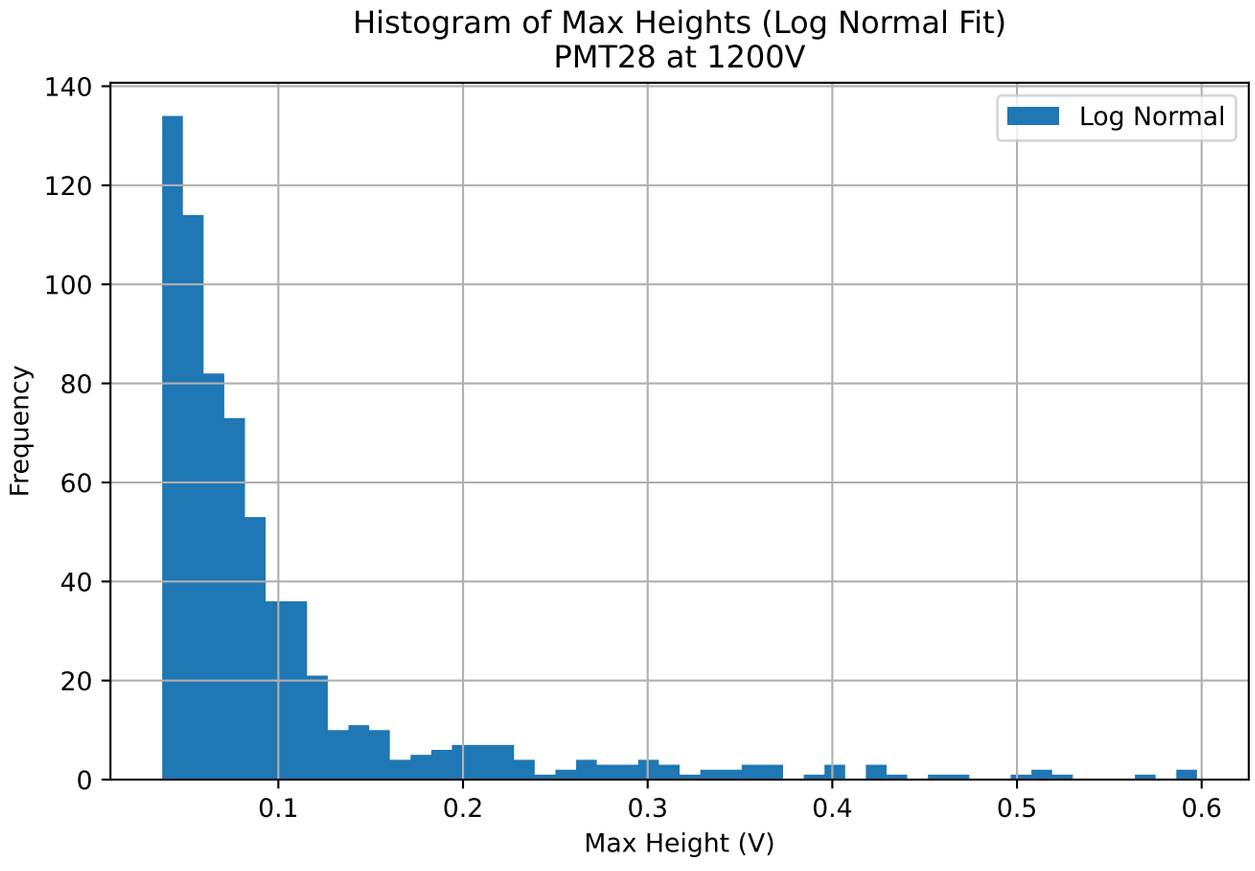
Histogram of Integrals (Data Fit)
PMT24 at 1800V
Data
Peak at 1.08 V*ns
Gaussian Fit
Amp: 578.48, Mean: 1.05, Width: 0.62
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5

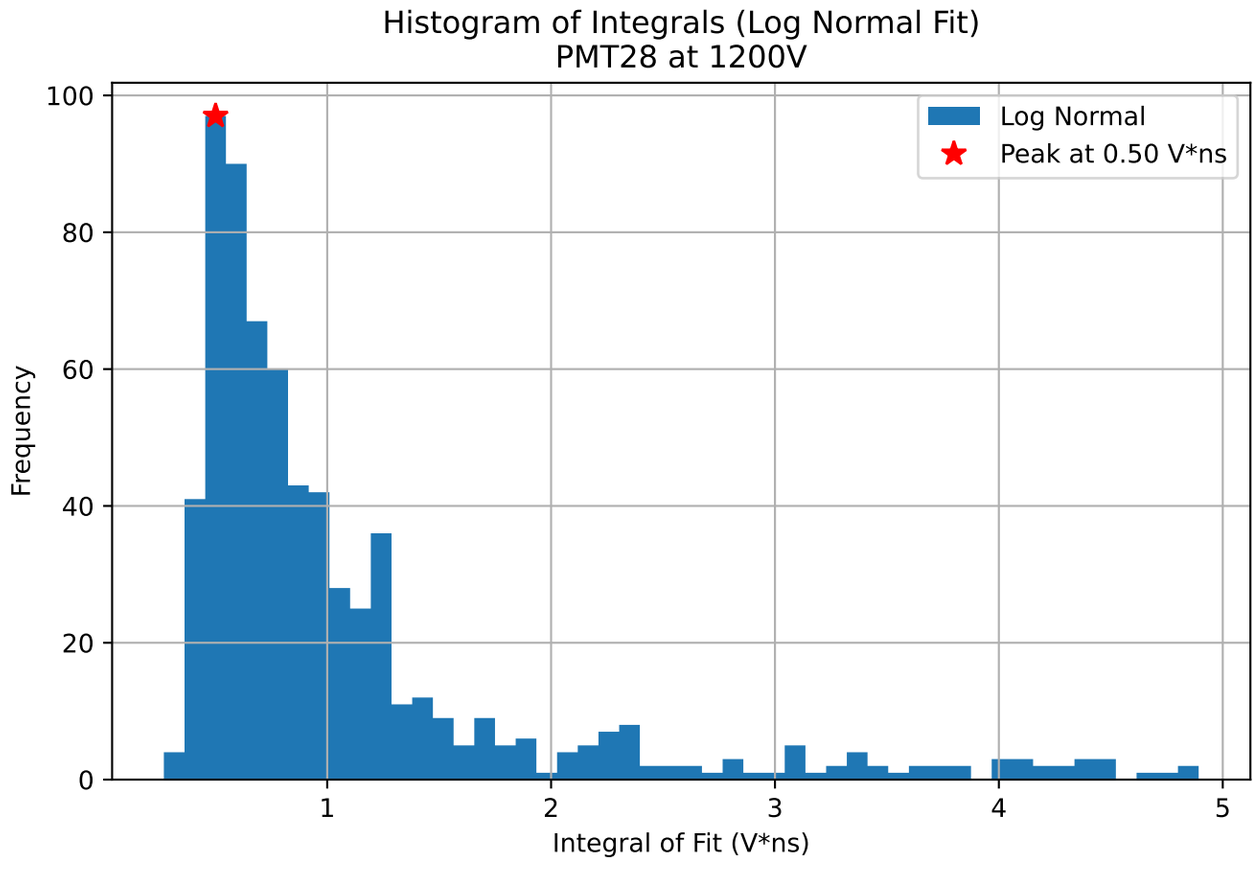

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1100V
Log Normal
Peak at 0.05 V
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40


Histogram of Integrals (Log Normal Fit)
PMT28 at 1100V
Log Normal
Peak at 0.51 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
160
0.5
1.0
1.5
2.0
2.5
3.0
3.5


Histogram of Max Heights (Data Fit)
PMT28 at 1100V
Data
Peak at 0.08 V
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40

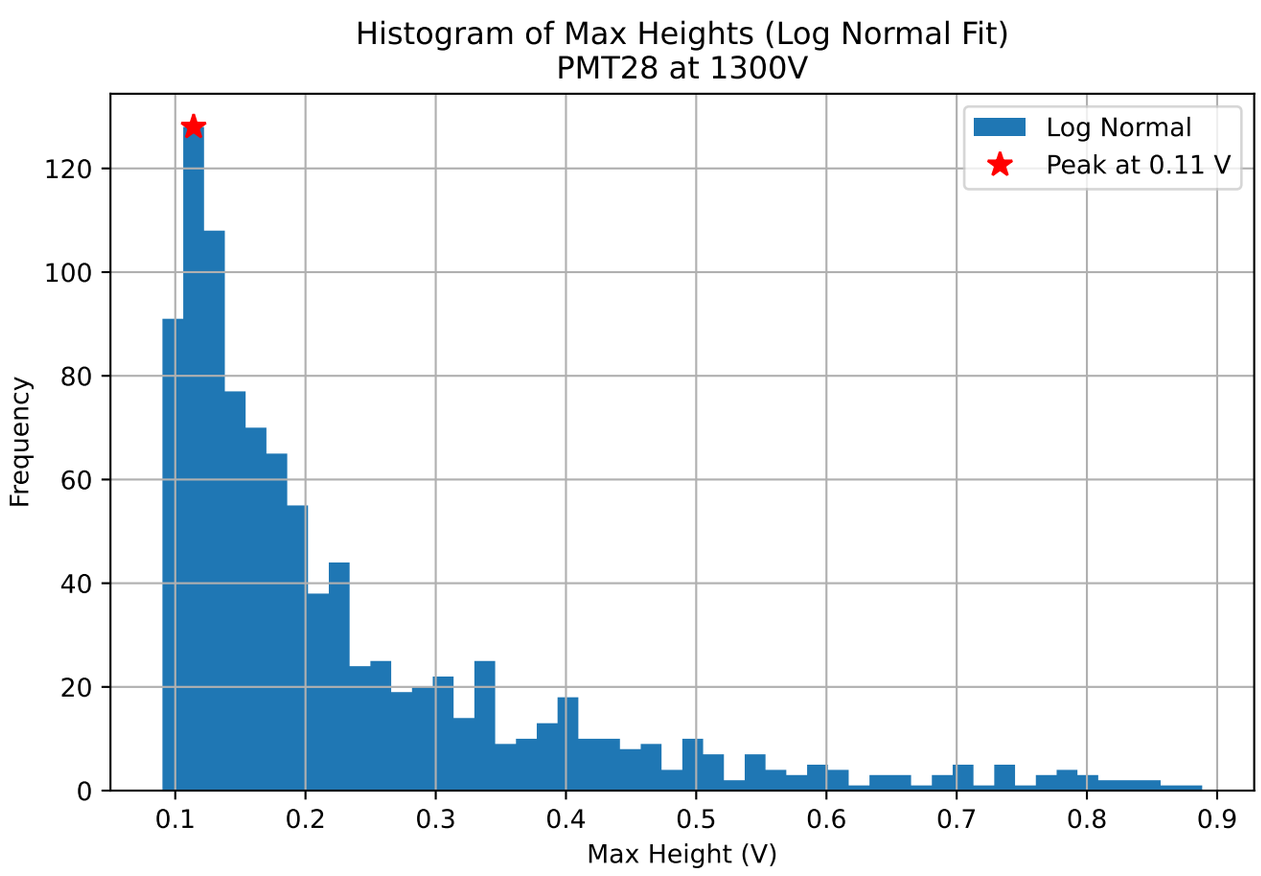

Histogram of Integrals (Data Fit)
PMT28 at 1100V
Data
Peak at 0.64 V*ns
Frequency
Integral of Fit (V*ns)
0
25
50
75
100
125
150
175
1
2
3
4
5
6

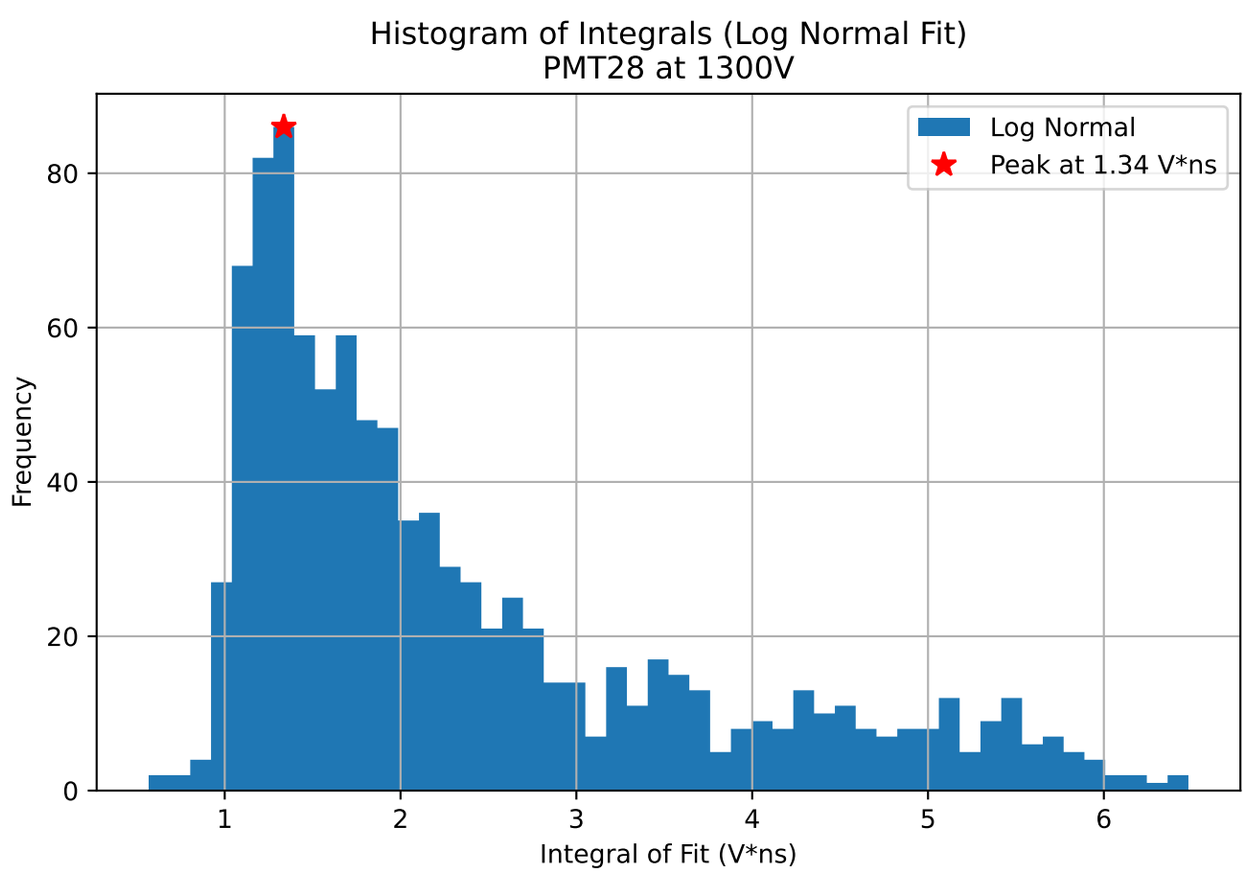

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1200V
Log Normal
Frequency
Max Height (V)
0
20
40
60
80
100
120
140
0.1
0.2
0.3
0.4
0.5
0.6

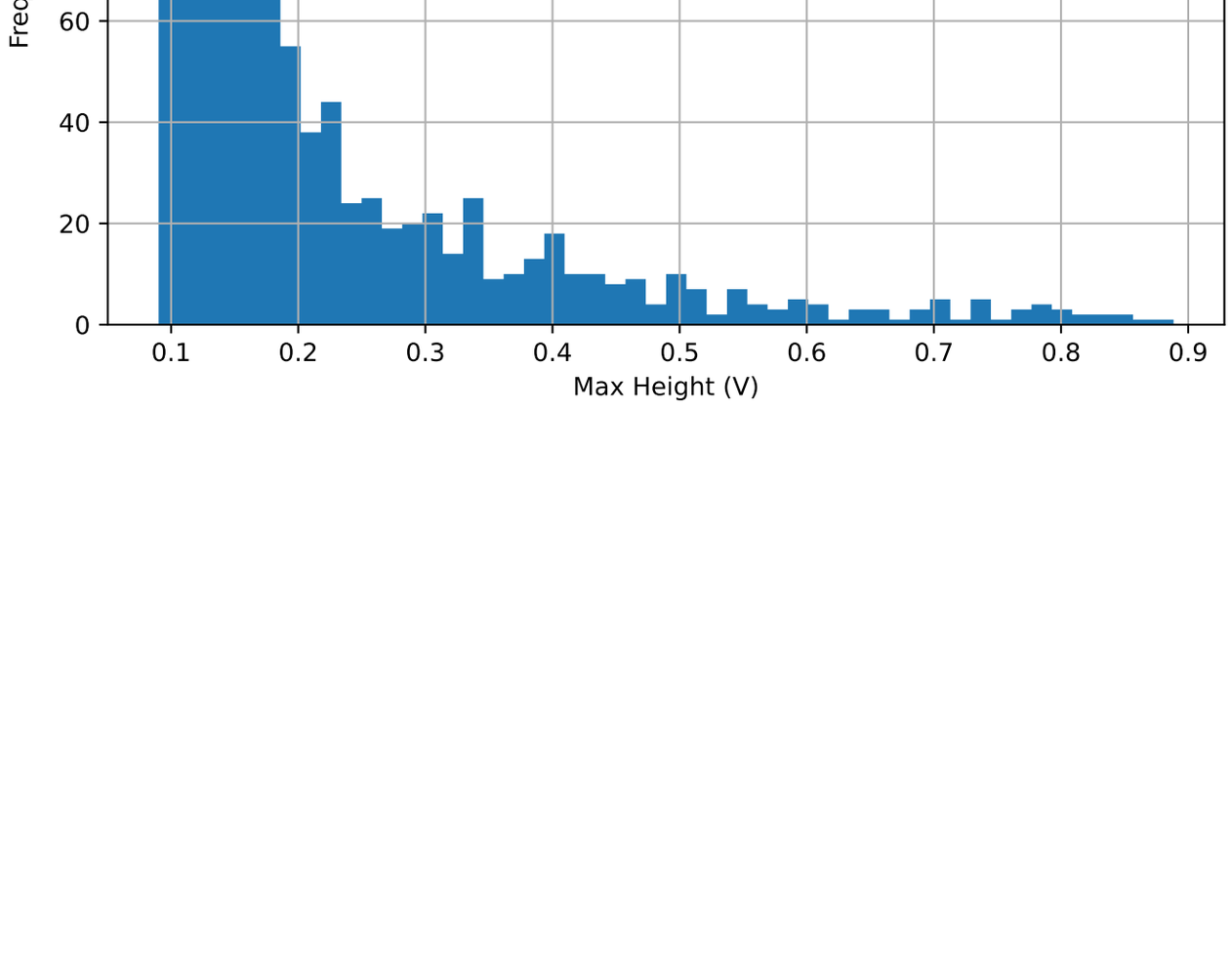

Histogram of Integrals (Log Normal Fit)
PMT28 at 1200V
Log Normal
Peak at 0.50 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
1
2
3
4
5

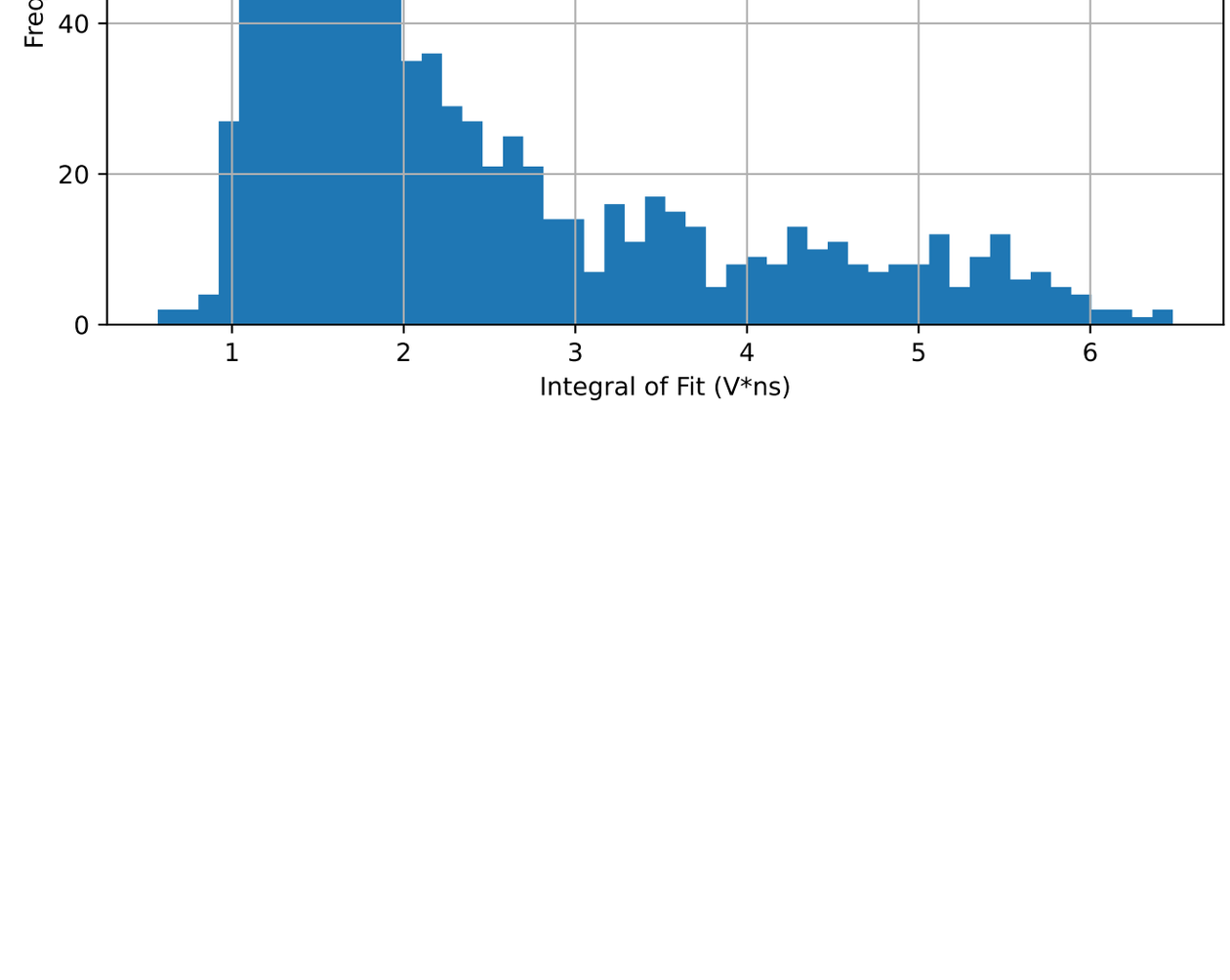
Histogram of Max Heights (Data Fit)
PMT28 at 1200V
Data
Peak at 0.11 V
Frequency
Max Height (V)
0
20
40
60
80
100
120
0.1
0.2
0.3
0.4
0.5
0.6

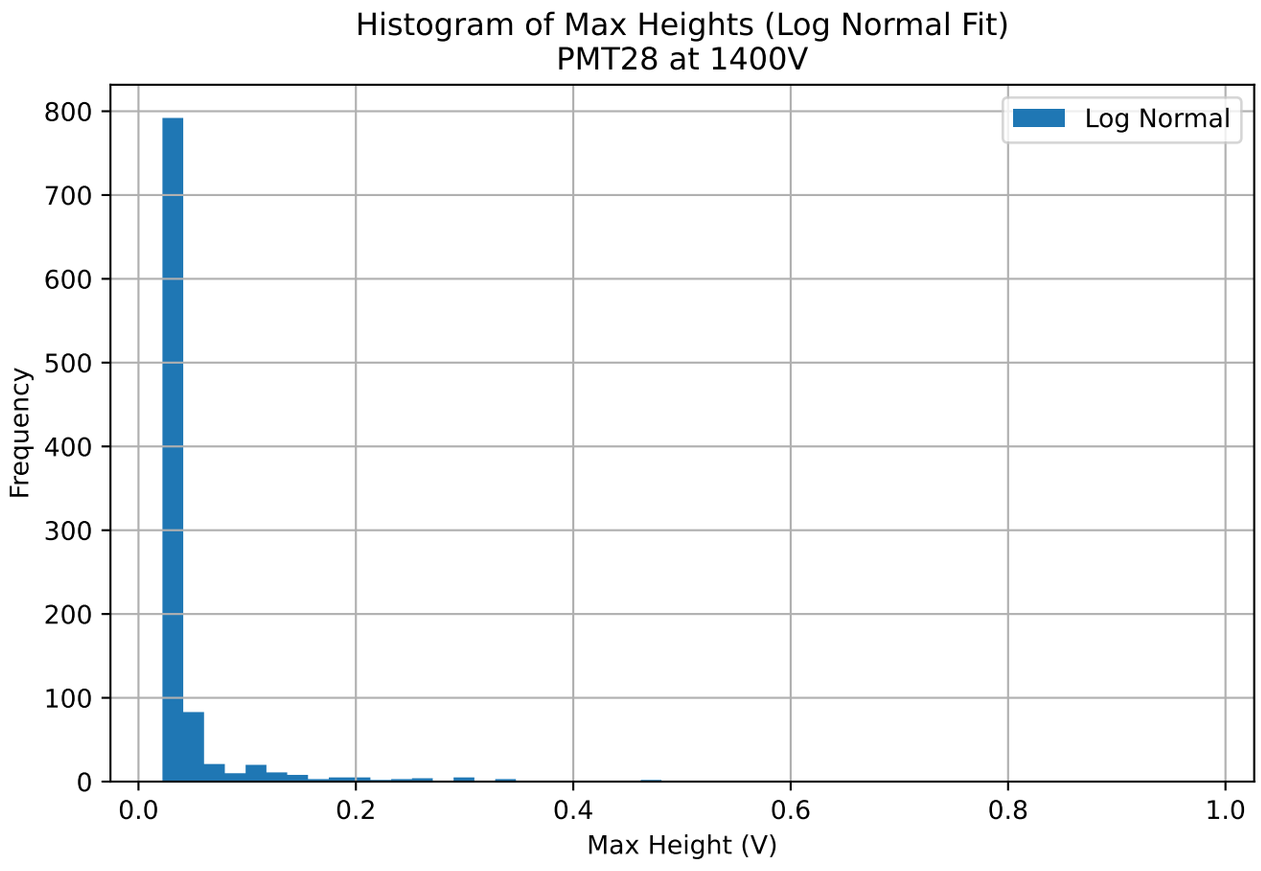
Histogram of Integrals (Data Fit)
PMT28 at 1200V
Data
Peak at 0.72 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
2
4
6
8

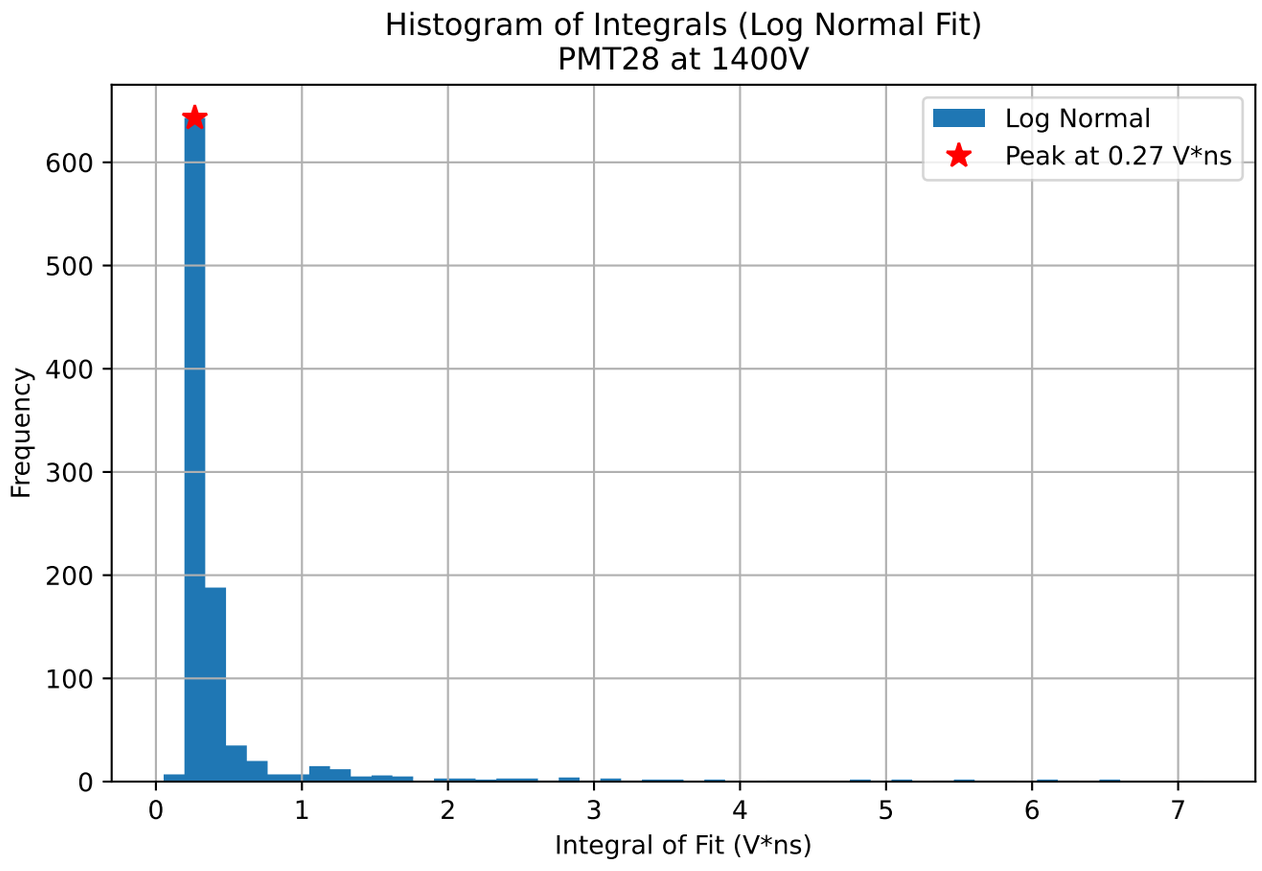

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1300V
Log Normal
Peak at 0.11 V
Frequency
Max Height (V)
0
20
40
60
80
100
120
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9

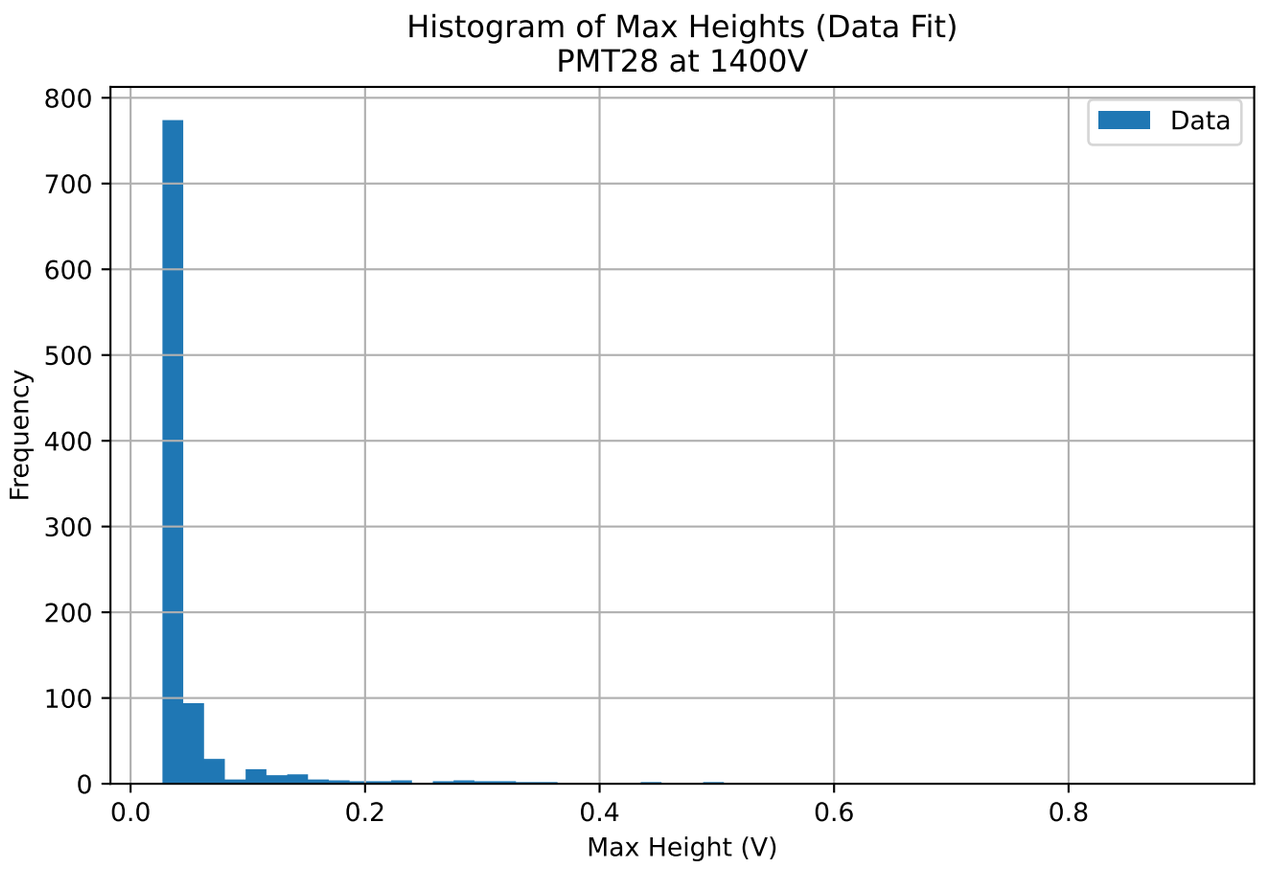

Histogram of Integrals (Log Normal Fit)
PMT28 at 1300V
Log Normal
Peak at 1.34 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
1
2
3
4
5
6

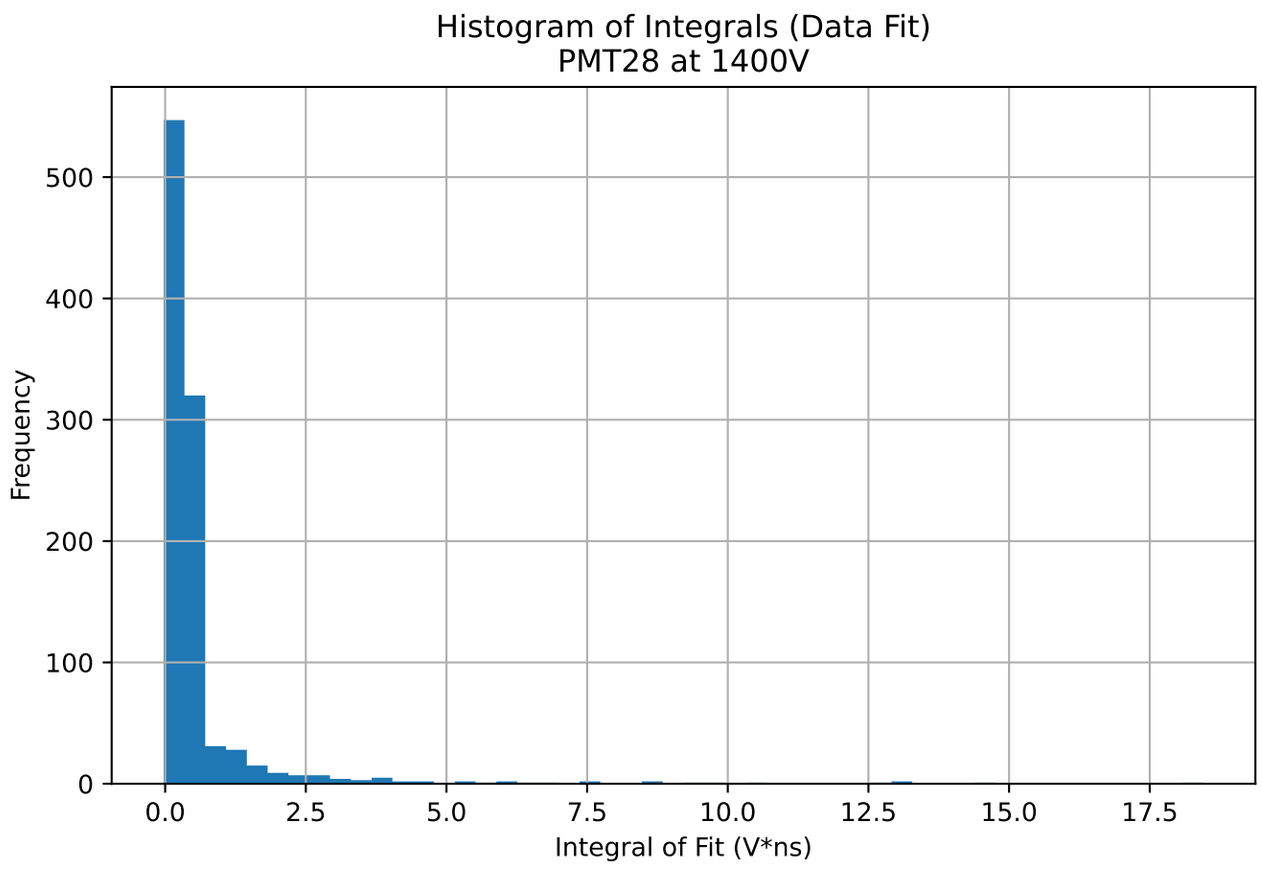

Histogram of Max Heights (Data Fit)
PMT28 at 1300V
Data
Peak at 0.18 V
Frequency
Max Height (V)
0
20
40
60
80
100
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

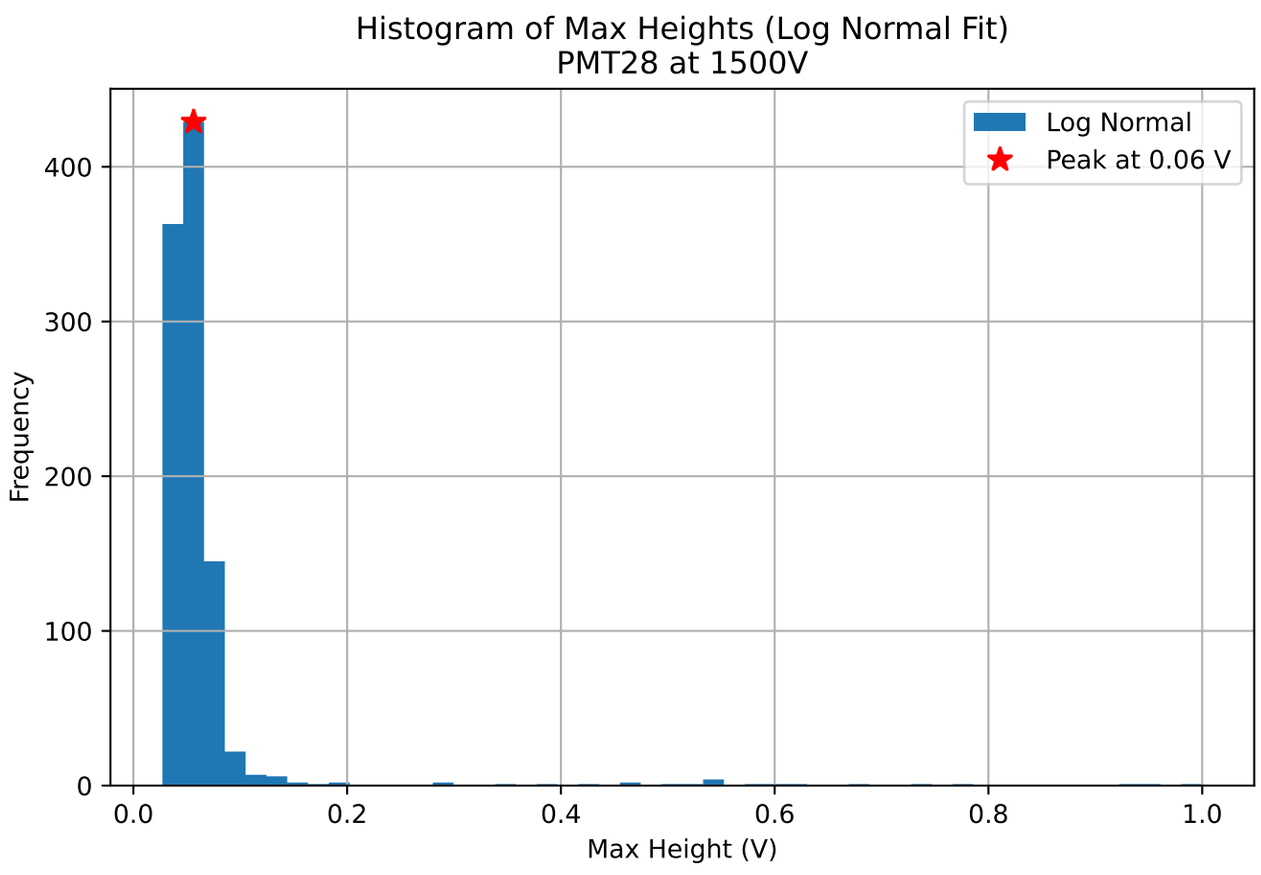

Histogram of Integrals (Data Fit)
PMT28 at 1300V
Data
Peak at 1.45 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
160
2
4
6
8
10
12
14
16

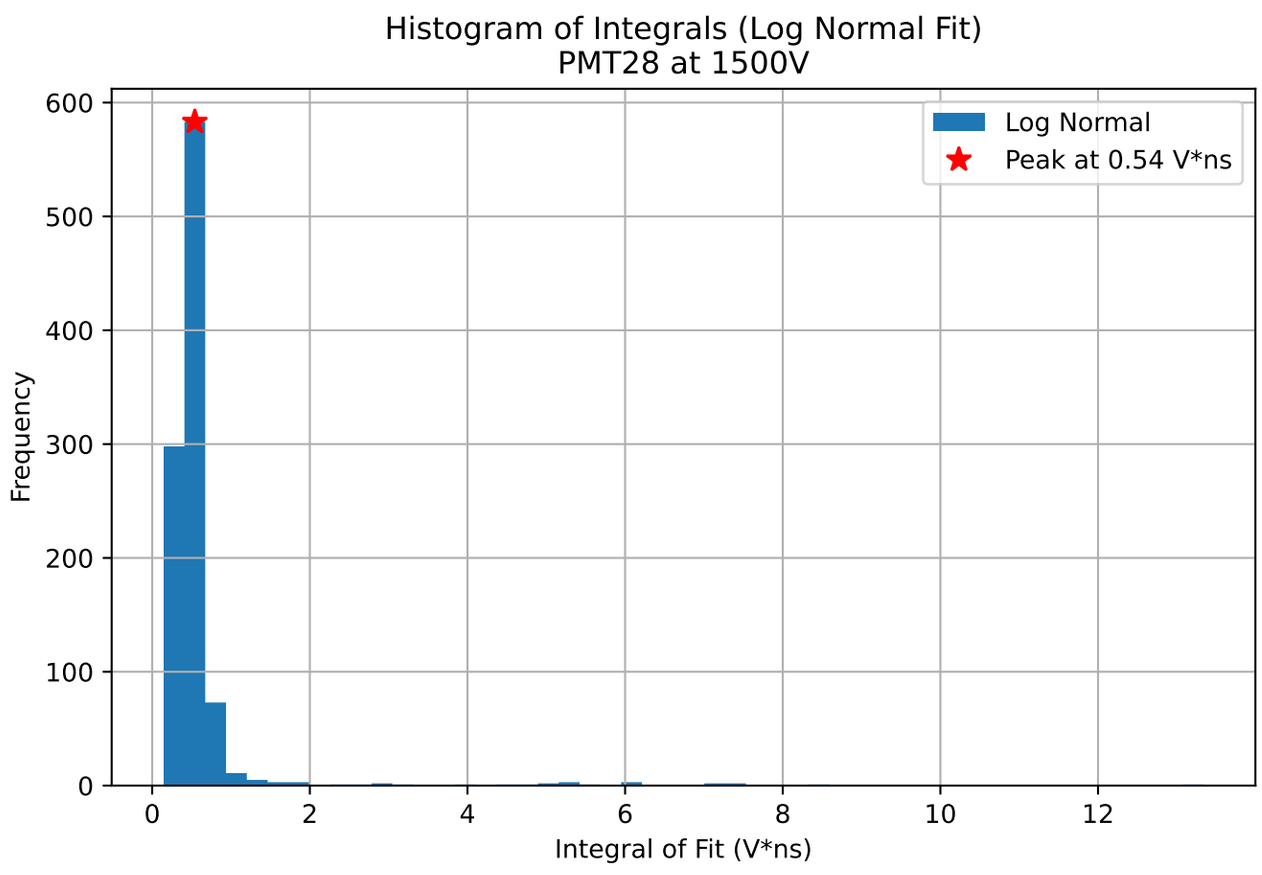

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1400V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.0
0.2
0.4
0.6
0.8
1.0

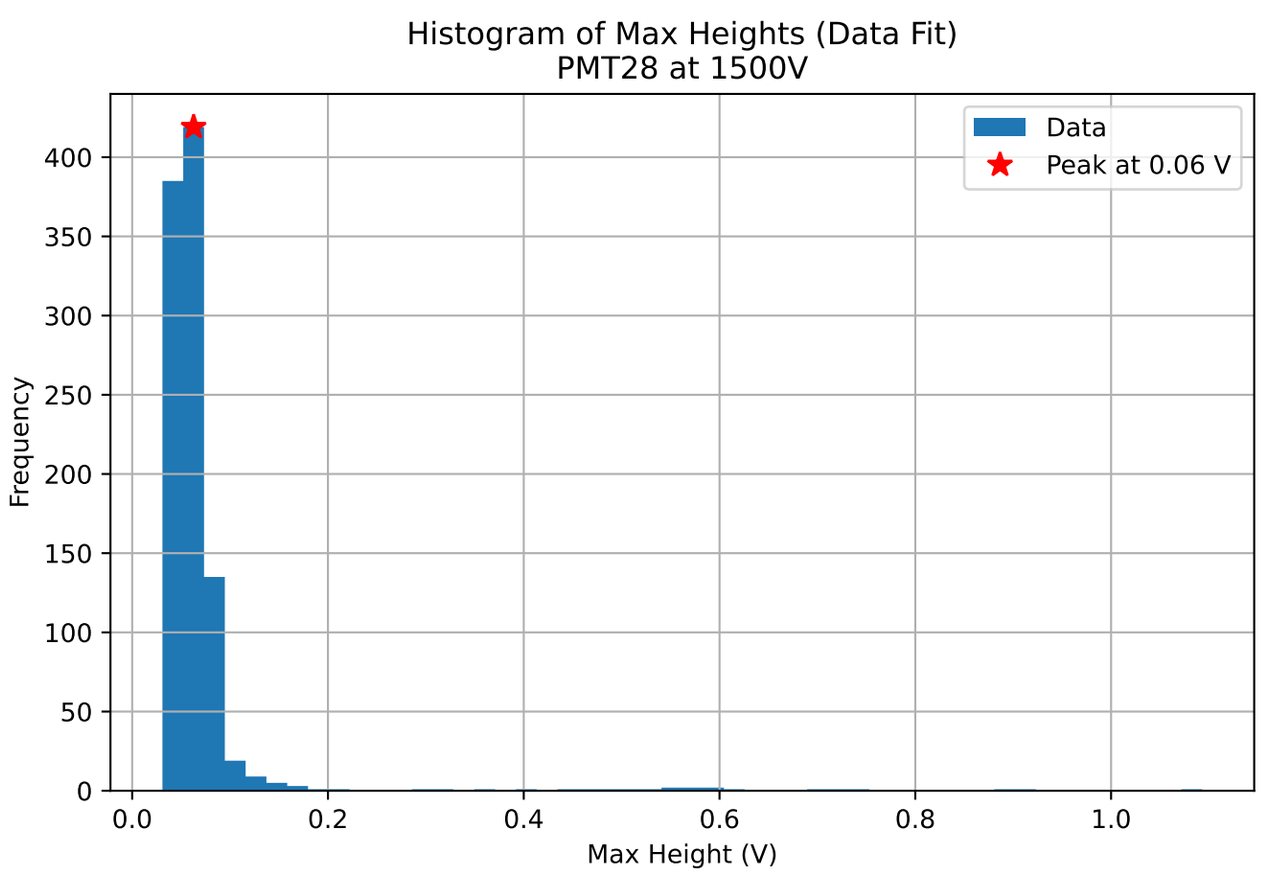

Histogram of Integrals (Log Normal Fit)
PMT28 at 1400V
Log Normal
Peak at 0.27 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0
1
2
3
4
5
6
7

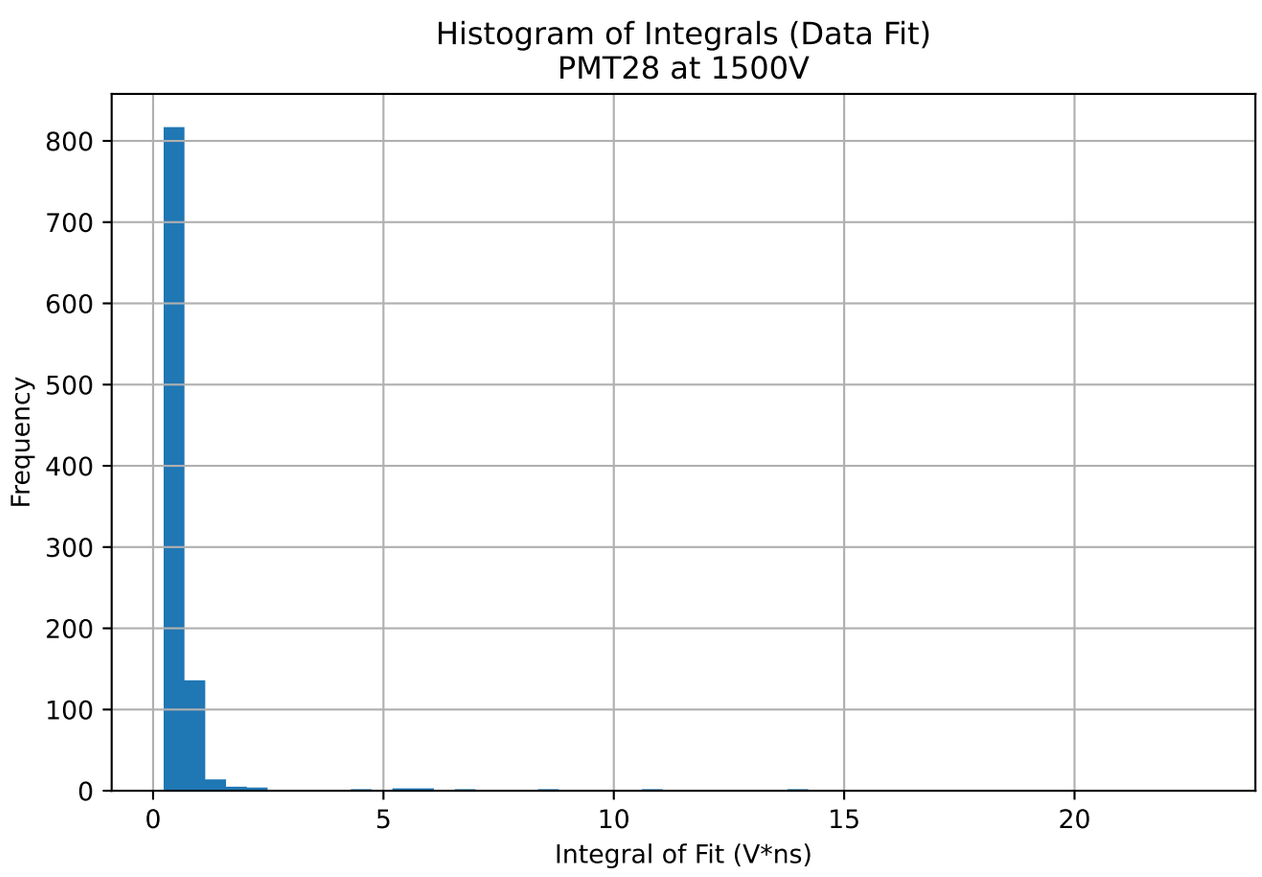

Histogram of Max Heights (Data Fit)
PMT28 at 1400V
Data
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.0
0.2
0.4
0.6
0.8

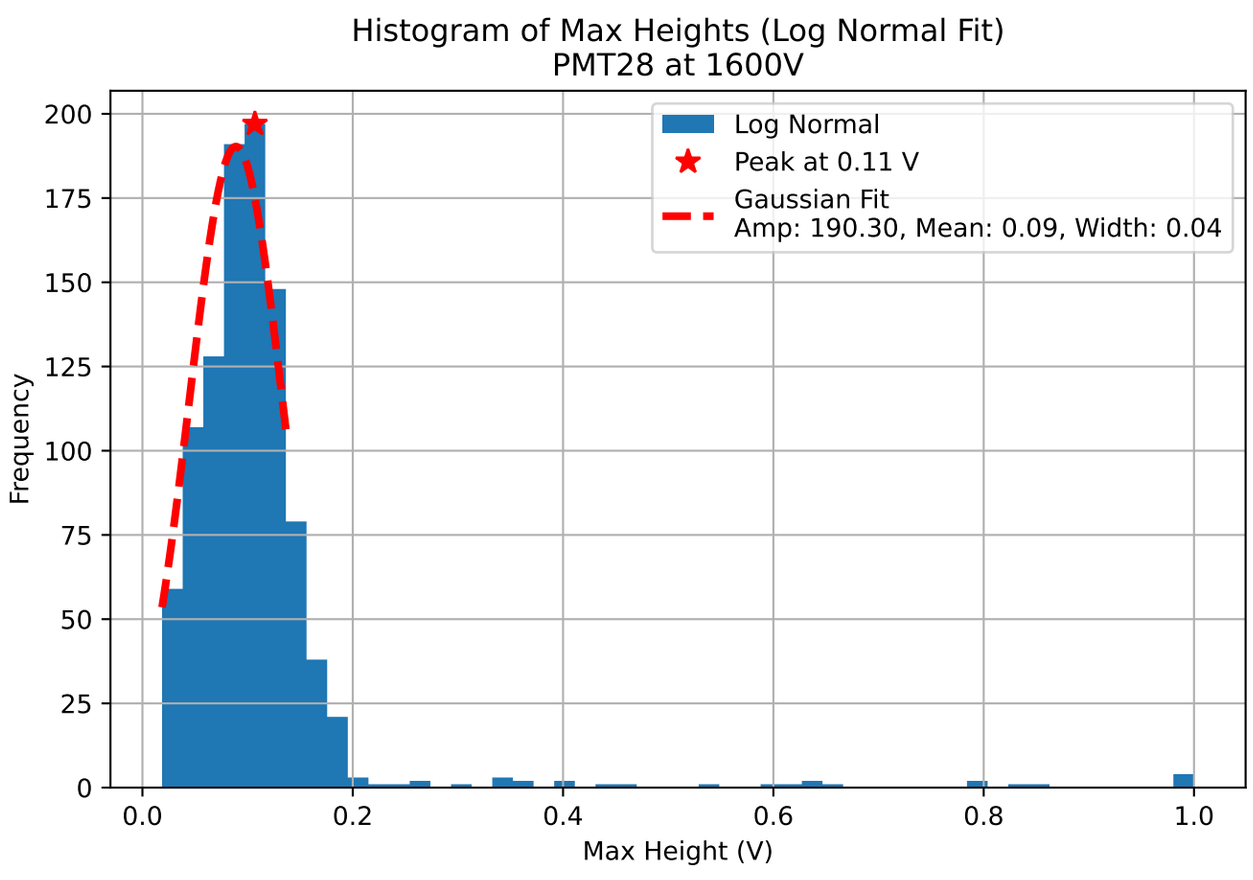

Histogram of Integrals (Data Fit)
PMT28 at 1400V
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5

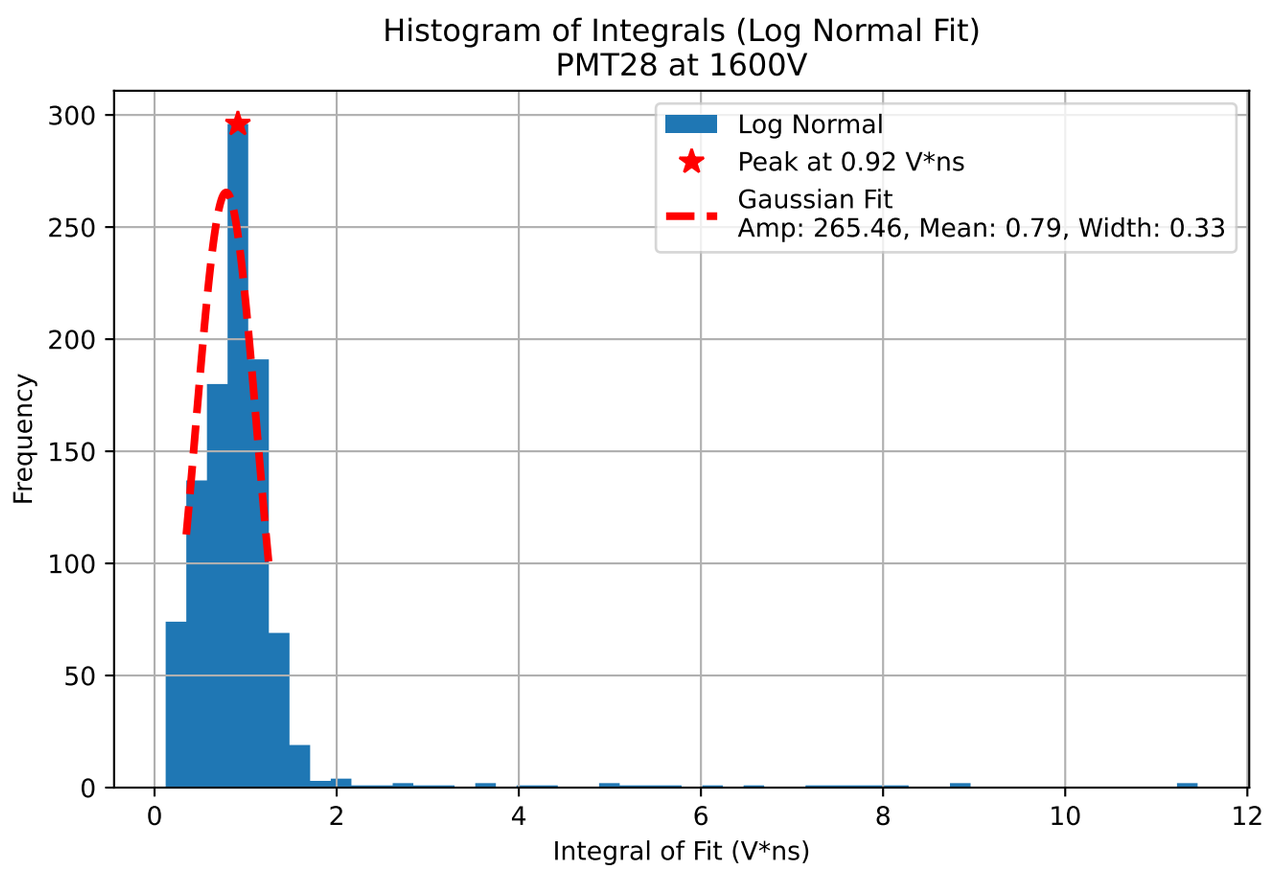

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1500V
Log Normal
Peak at 0.06 V
Frequency
Max Height (V)
0
100
200
300
400
0.0
0.2
0.4
0.6
0.8
1.0

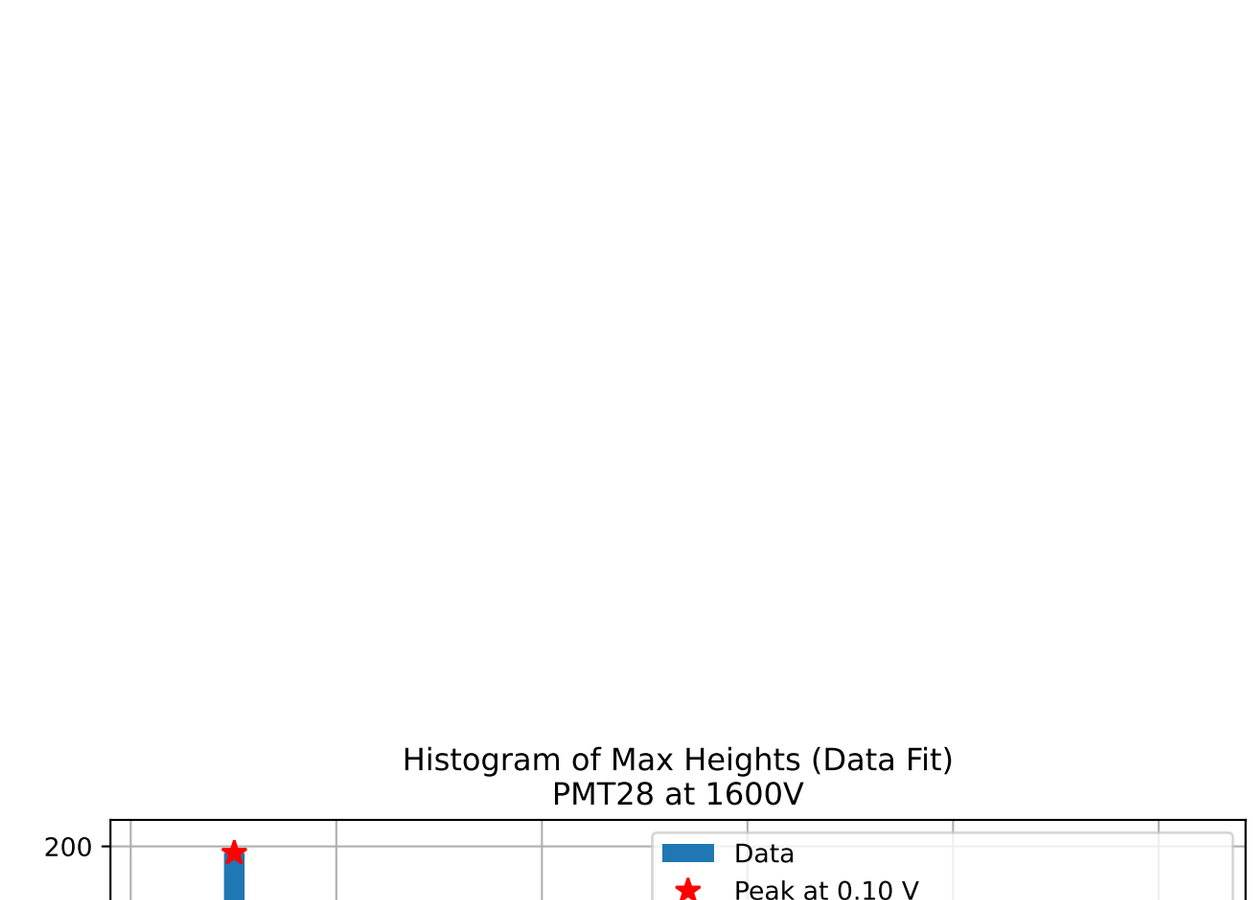

Histogram of Integrals (Log Normal Fit)
PMT28 at 1500V
Log Normal
Peak at 0.54 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0
2
4
6
8
10
12

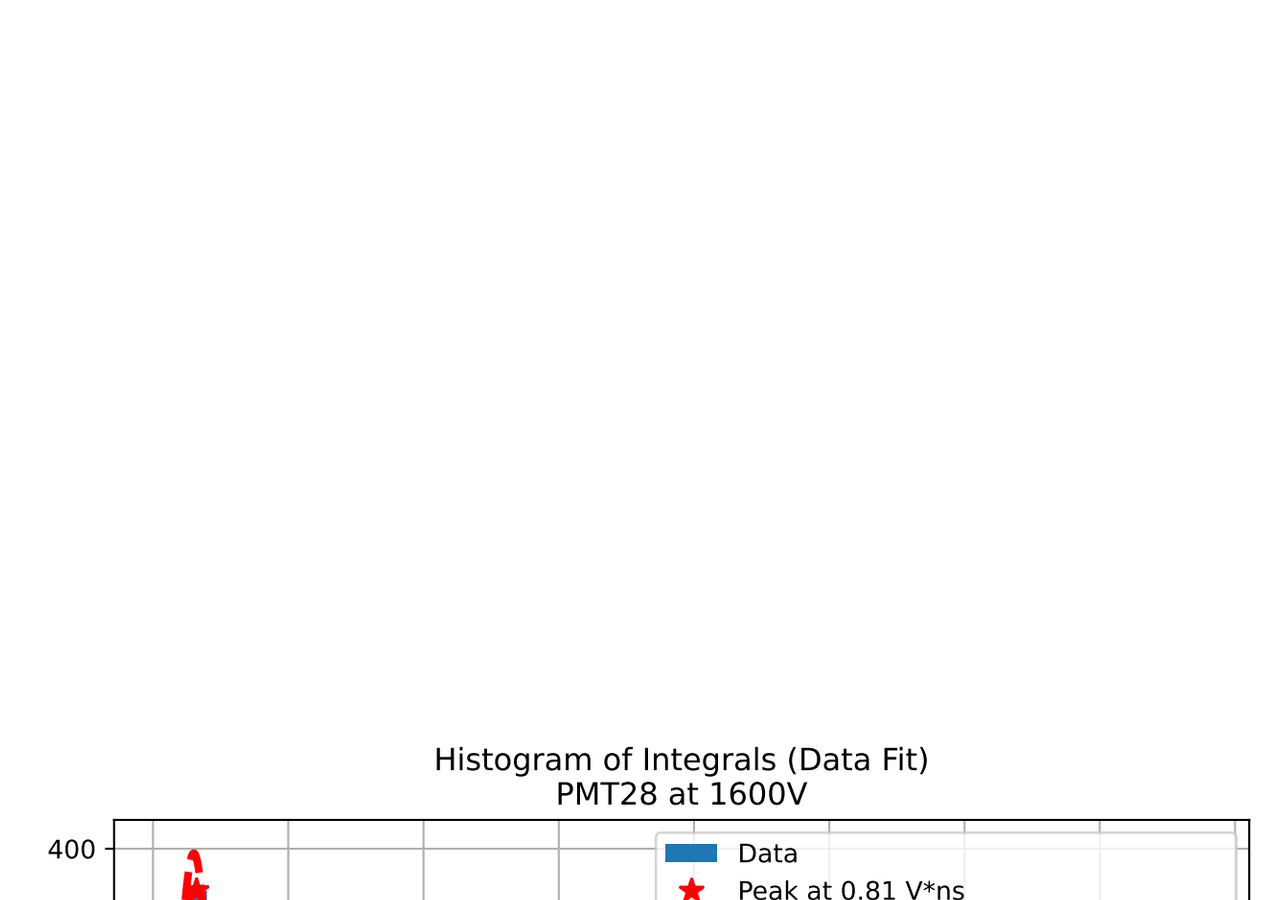

Histogram of Max Heights (Data Fit)
PMT28 at 1500V
Data
Peak at 0.06 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.0
0.2
0.4
0.6
0.8
1.0

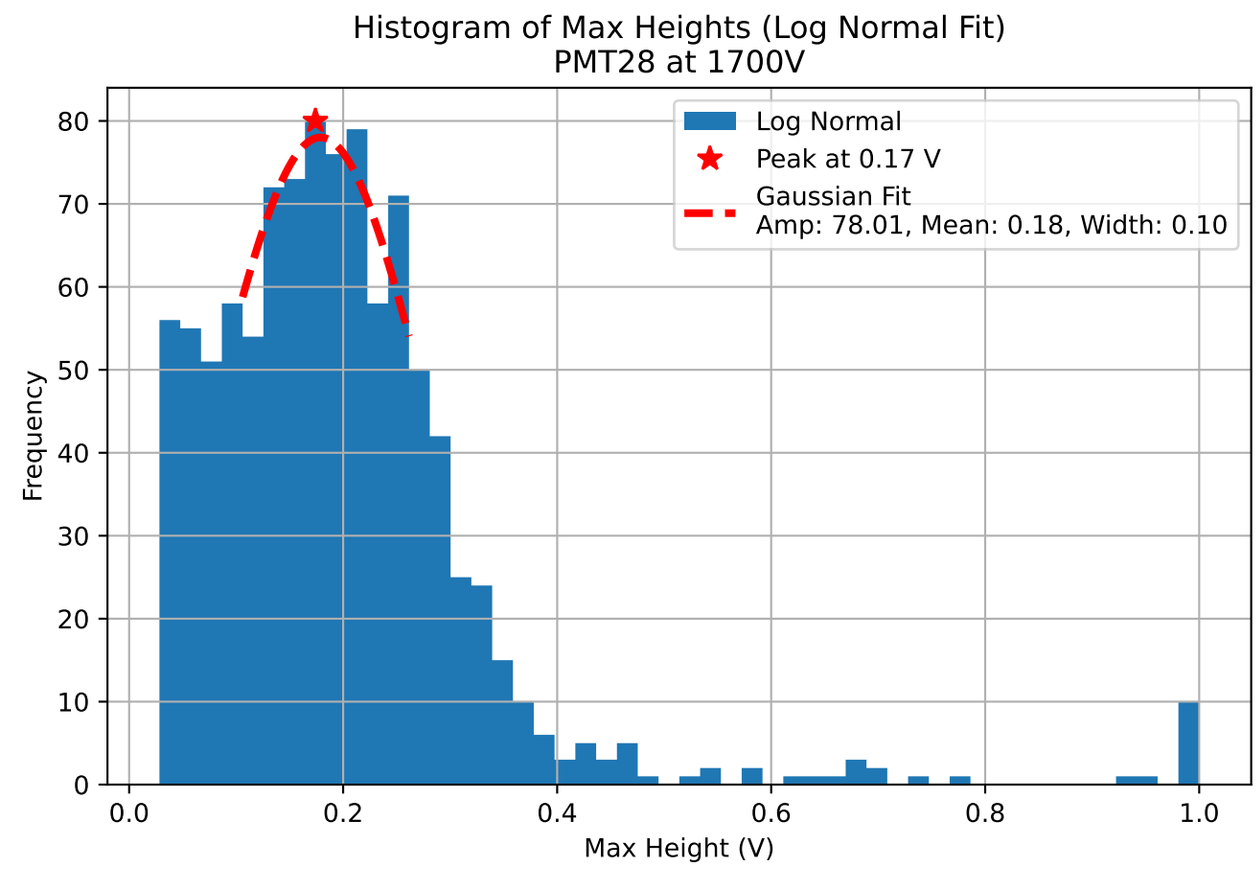

Histogram of Integrals (Data Fit)
PMT28 at 1500V
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
800
0
5
10
15
20

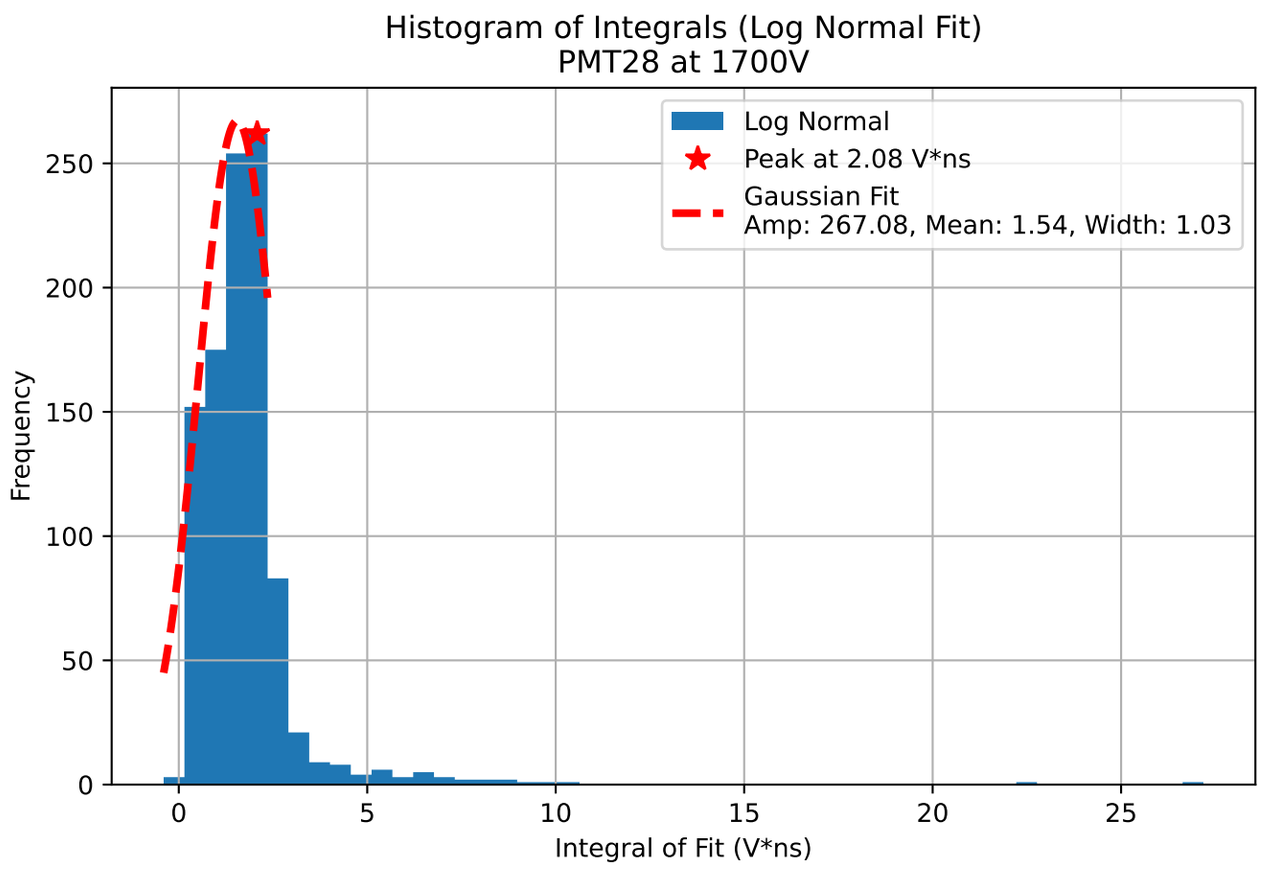

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1600V
Log Normal
Peak at 0.11 V
Gaussian Fit
Amp: 190.30, Mean: 0.09, Width: 0.04
Frequency
Max Height (V)

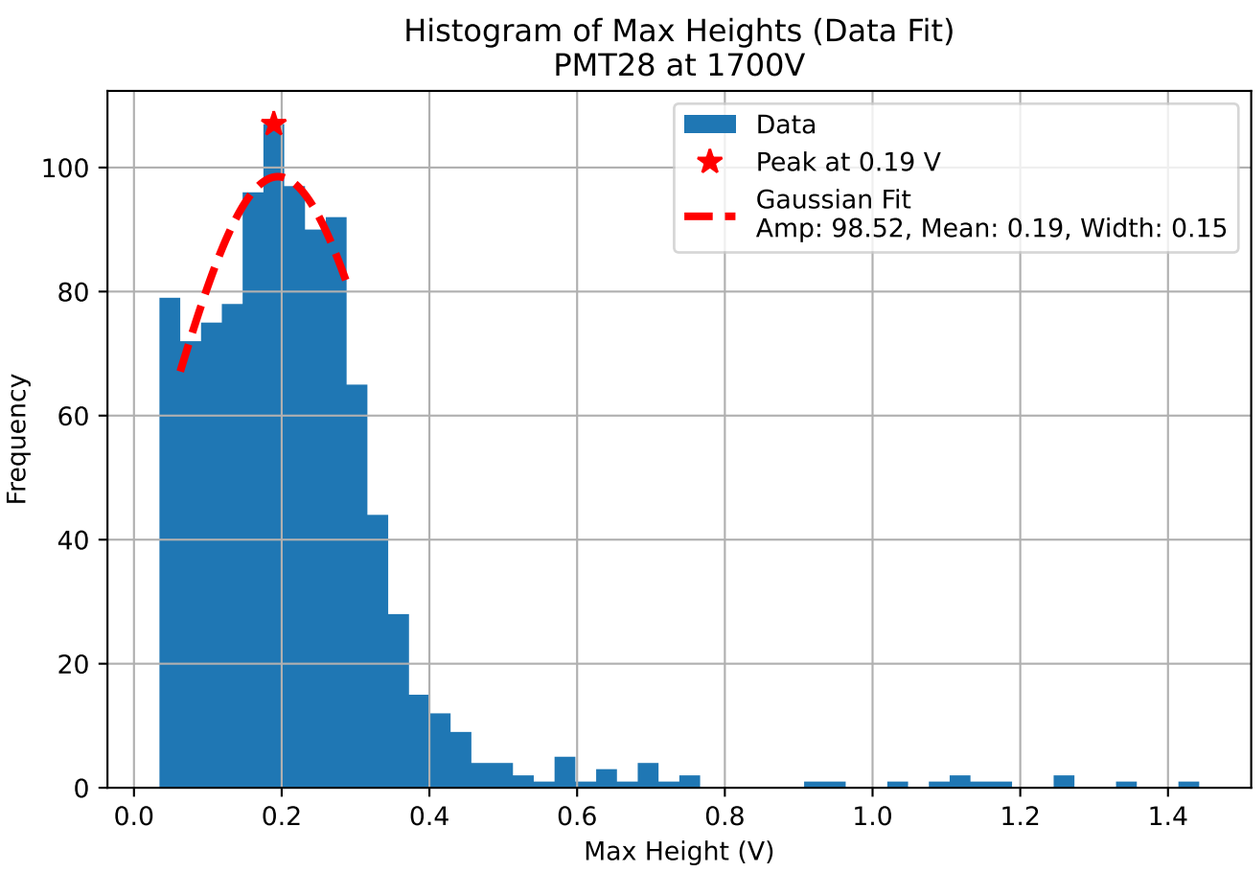

Histogram of Integrals (Log Normal Fit)
PMT28 at 1600V
Log Normal
Peak at 0.92 V*ns
Gaussian Fit
Amp: 265.46, Mean: 0.79, Width: 0.33
Frequency
Integral of Fit (V*ns)

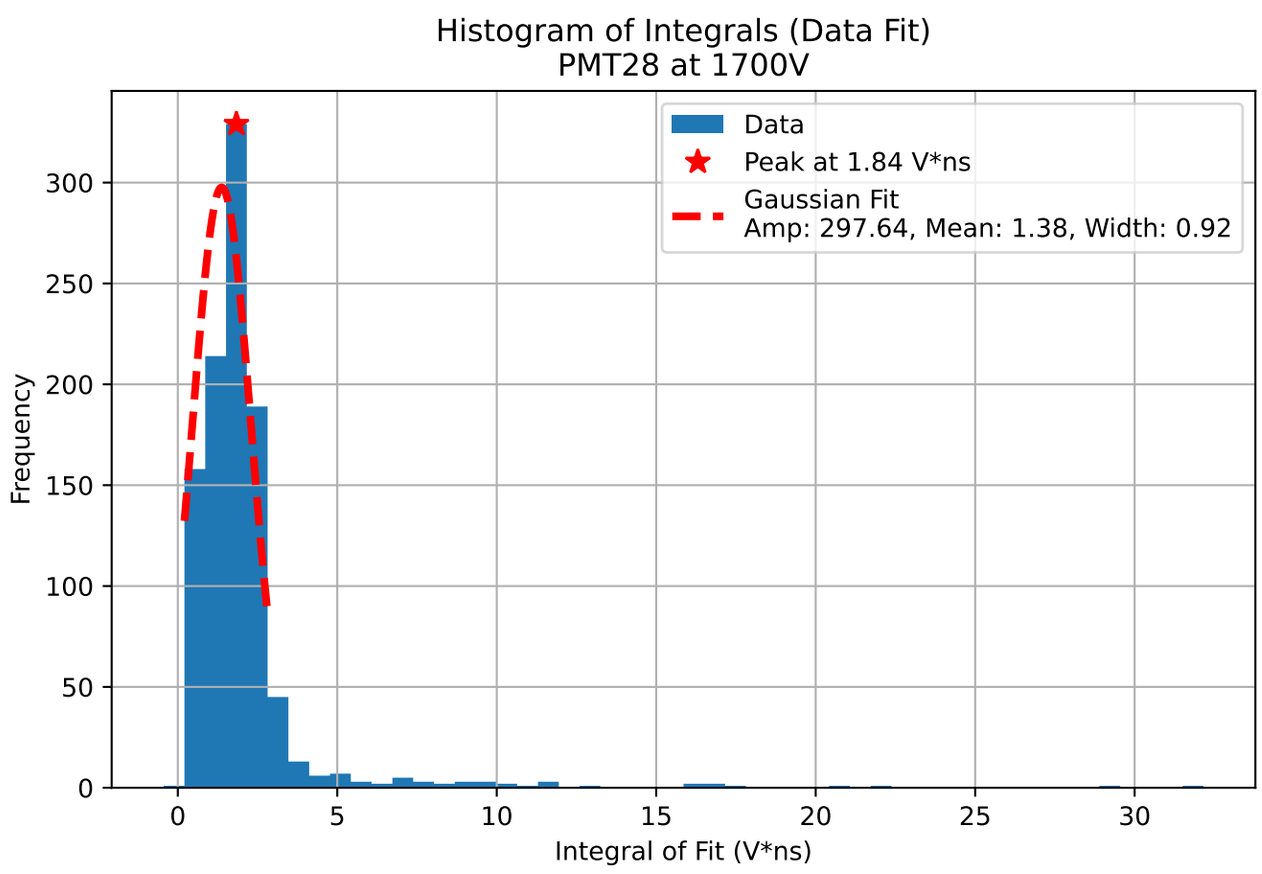

Histogram of Max Heights (Data Fit)
PMT28 at 1600V
Data
Peak at 0.10 V
Gaussian Fit
Amp: 173.97, Mean: 0.10, Width: 0.05
Frequency
Max Height (V)

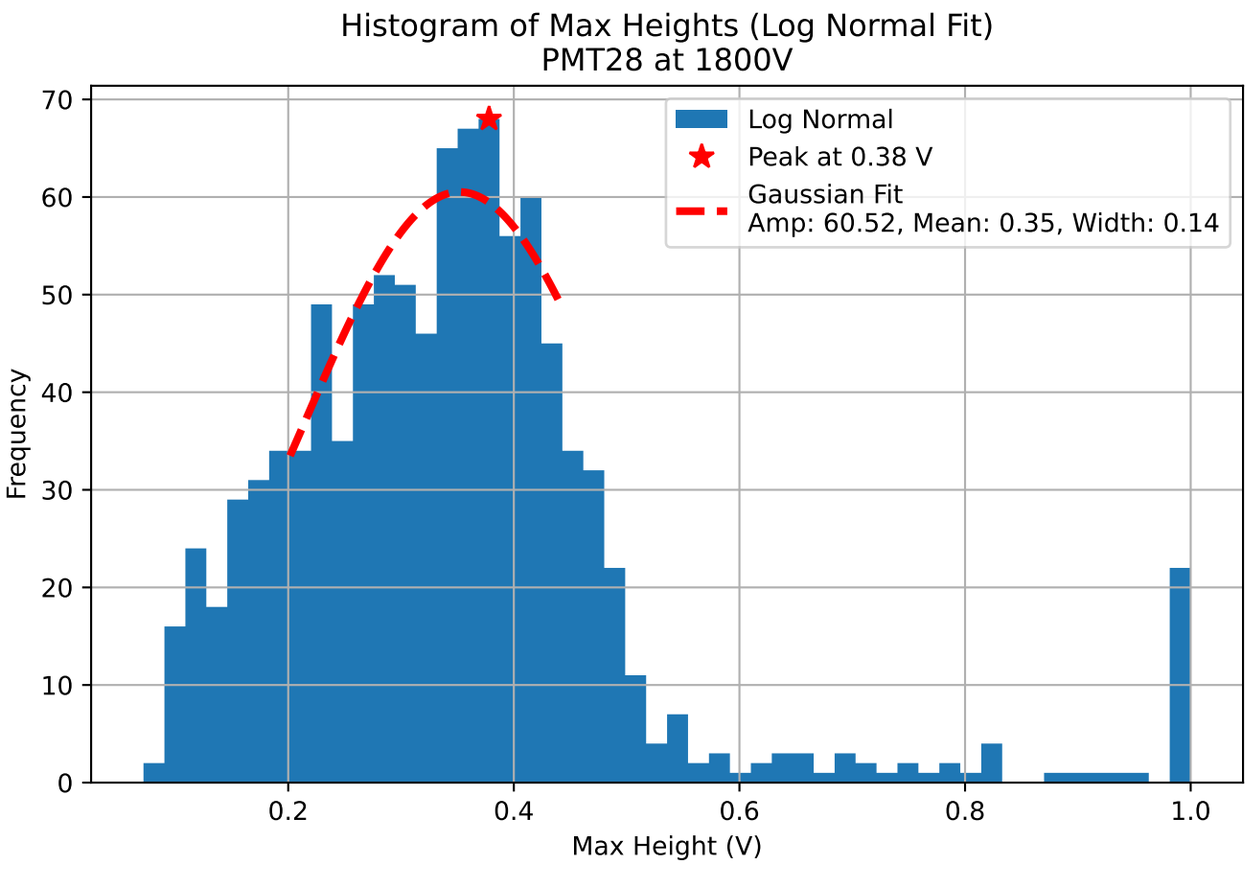

Histogram of Integrals (Data Fit)
PMT28 at 1600V
Data
Peak at 0.81 V*ns
Gaussian Fit
Amp: 397.39, Mean: 0.75, Width: 0.41
Frequency
Integral of Fit (V*ns)

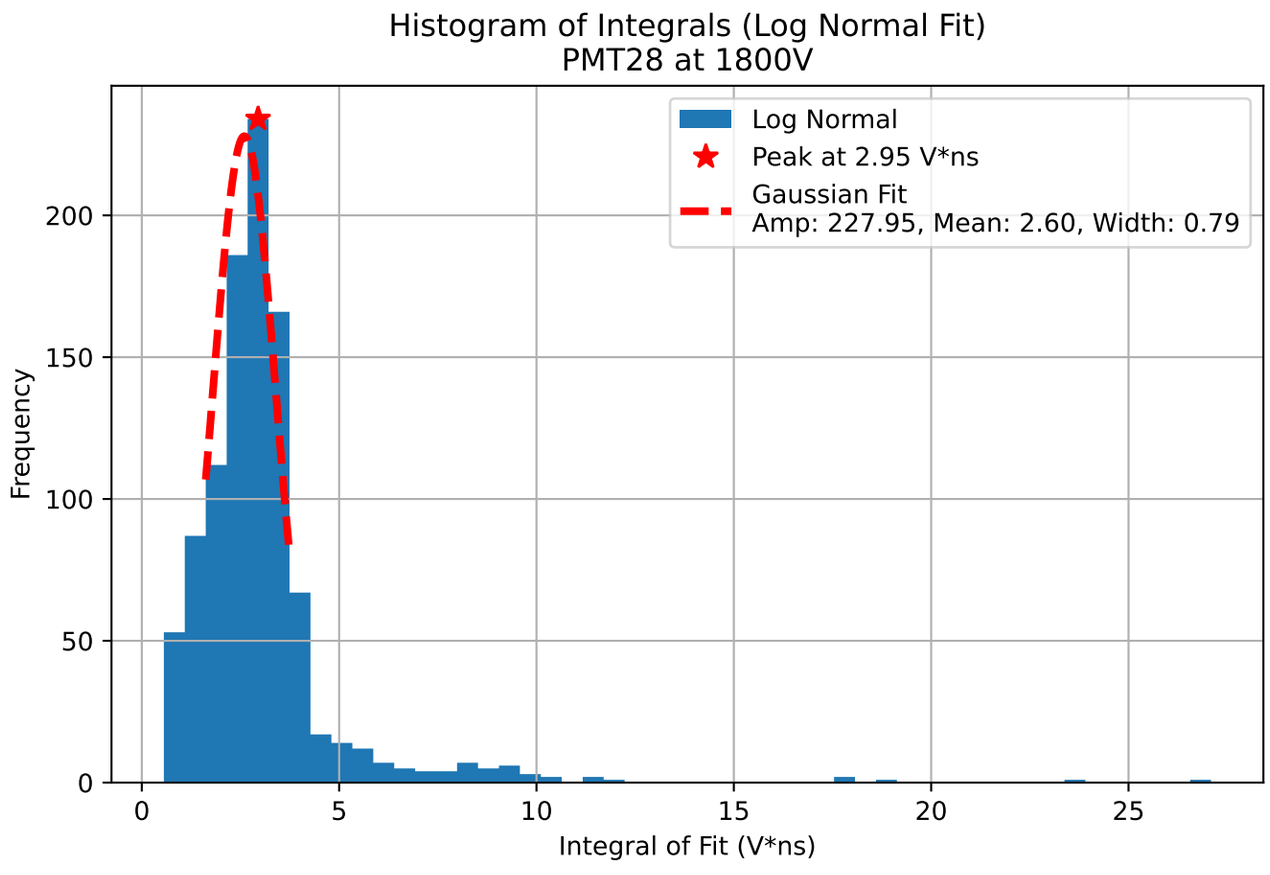

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1700V
Log Normal
Peak at 0.17 V
Gaussian Fit
Amp: 78.01, Mean: 0.18, Width: 0.10
Frequency
Max Height (V)

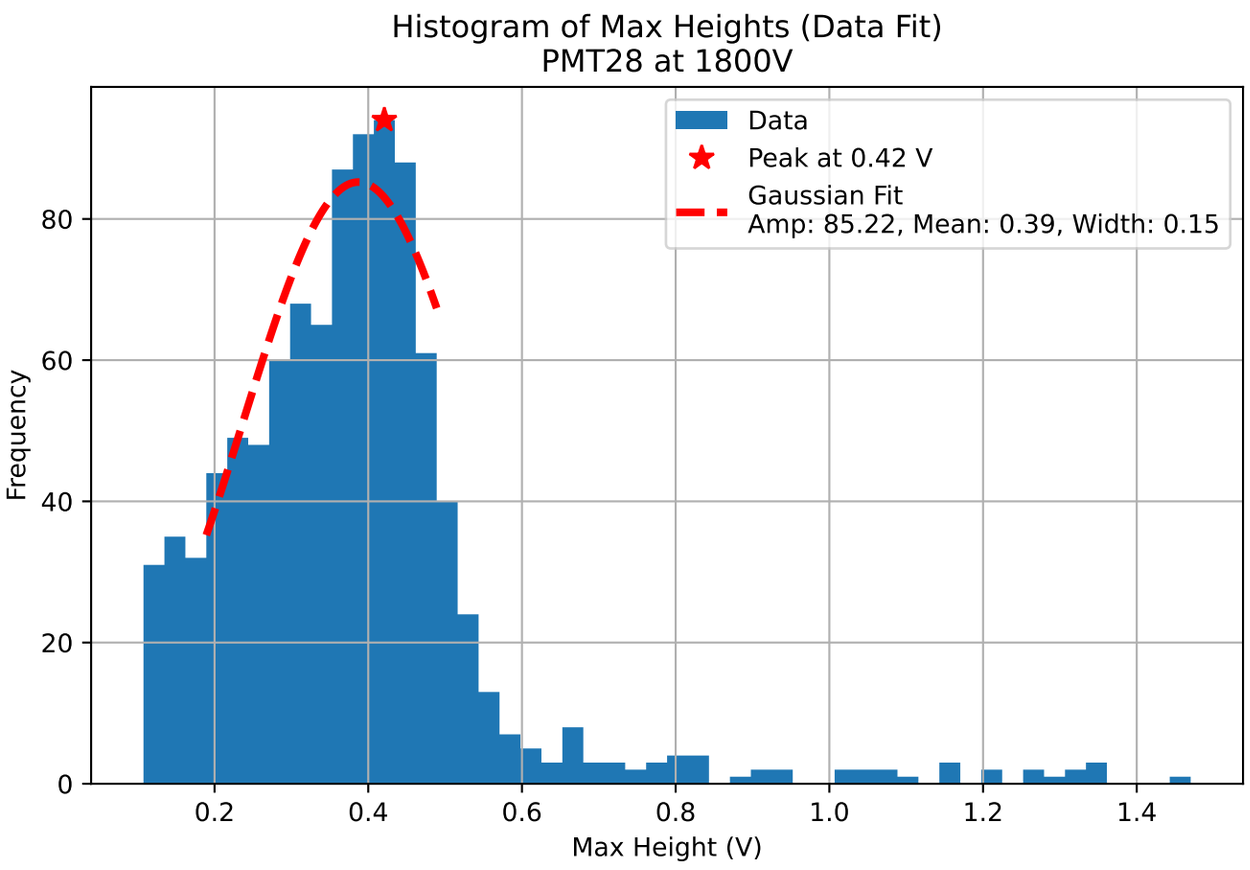

Histogram of Integrals (Log Normal Fit)
PMT28 at 1700V
Log Normal
Peak at 2.08 V*ns
Gaussian Fit
Amp: 267.08, Mean: 1.54, Width: 1.03
Frequency
Integral of Fit (V*ns)

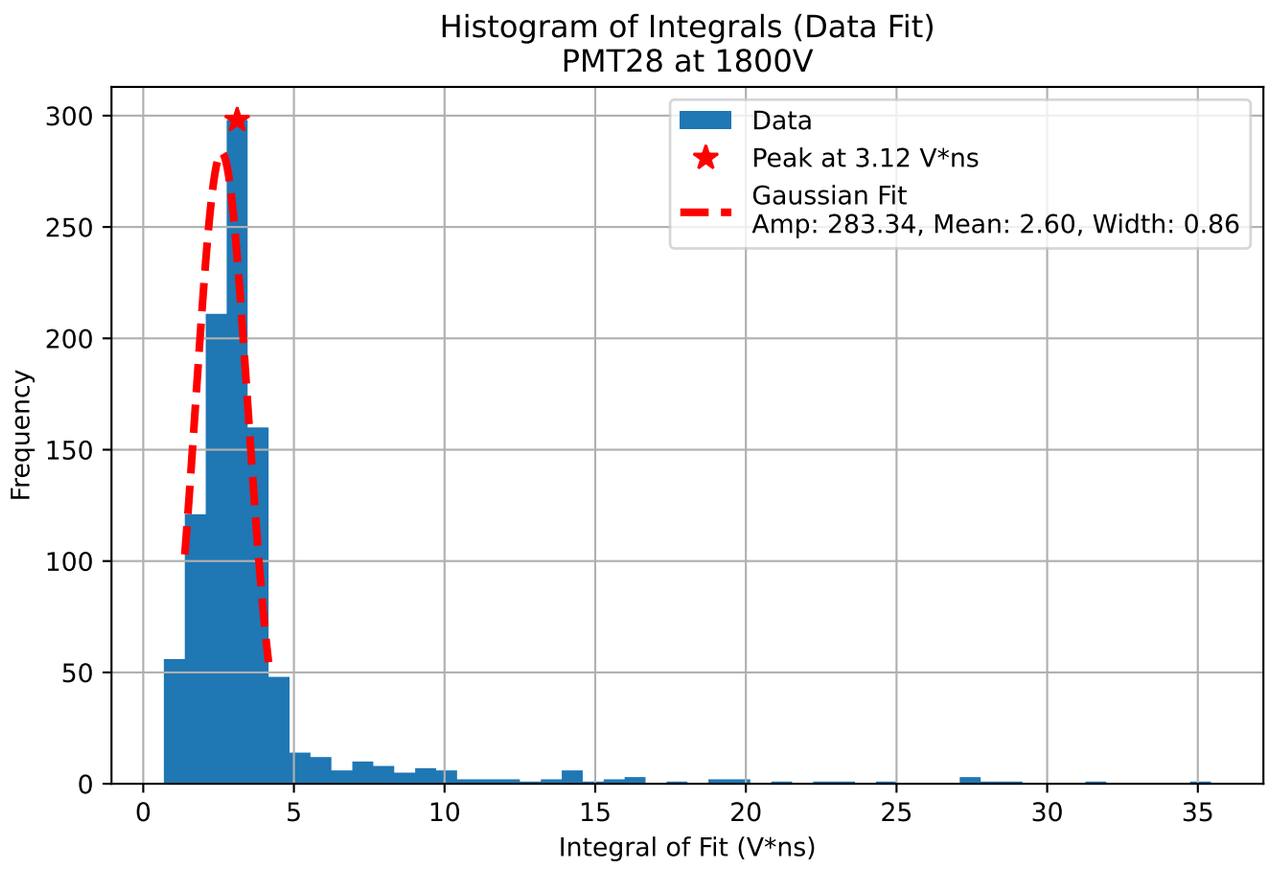

Histogram of Max Heights (Data Fit)
PMT28 at 1700V
Data
Peak at 0.19 V
Gaussian Fit
Amp: 98.52, Mean: 0.19, Width: 0.15
Frequency
Max Height (V)

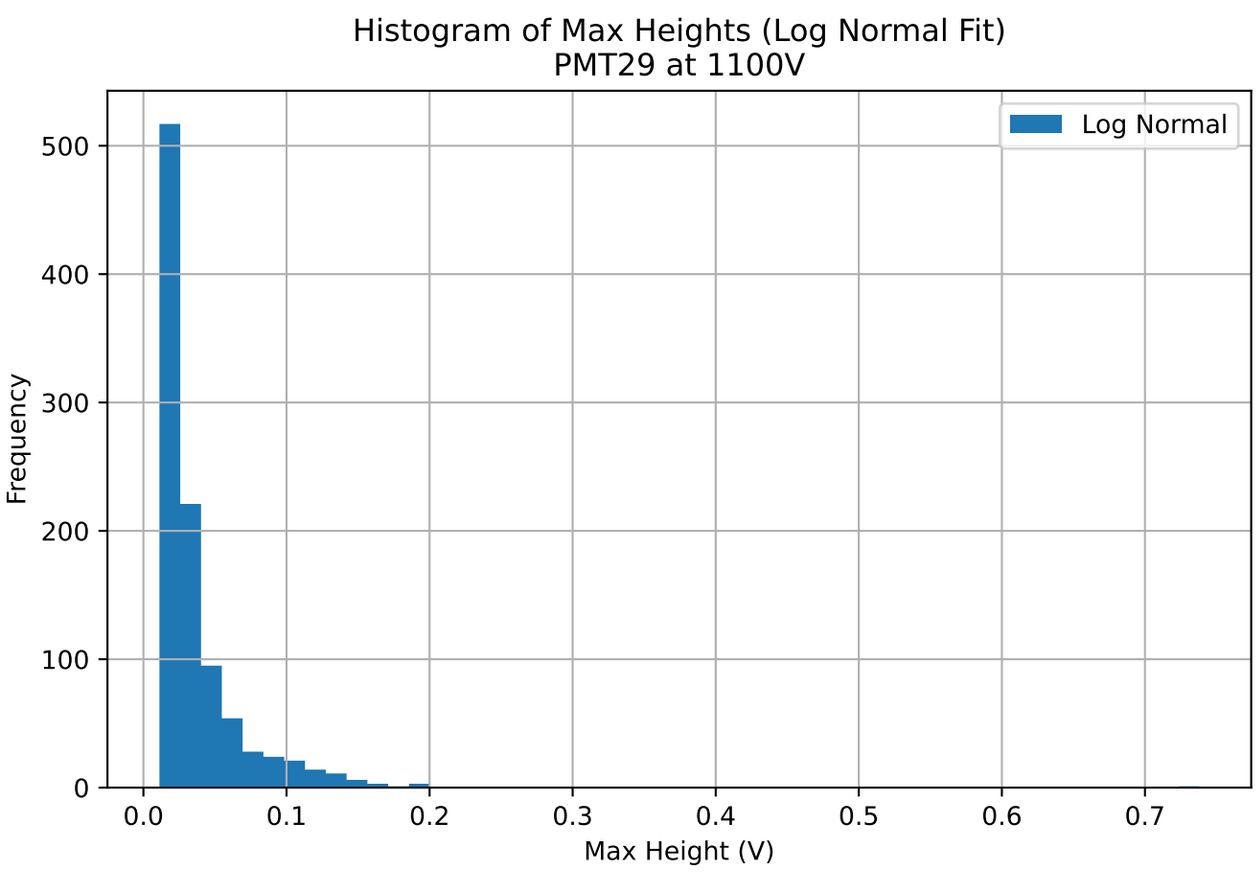

Histogram of Integrals (Data Fit)
PMT28 at 1700V
Data
Peak at 1.84 V*ns
Gaussian Fit
Amp: 297.64, Mean: 1.38, Width: 0.92
Frequency
Integral of Fit (V*ns)

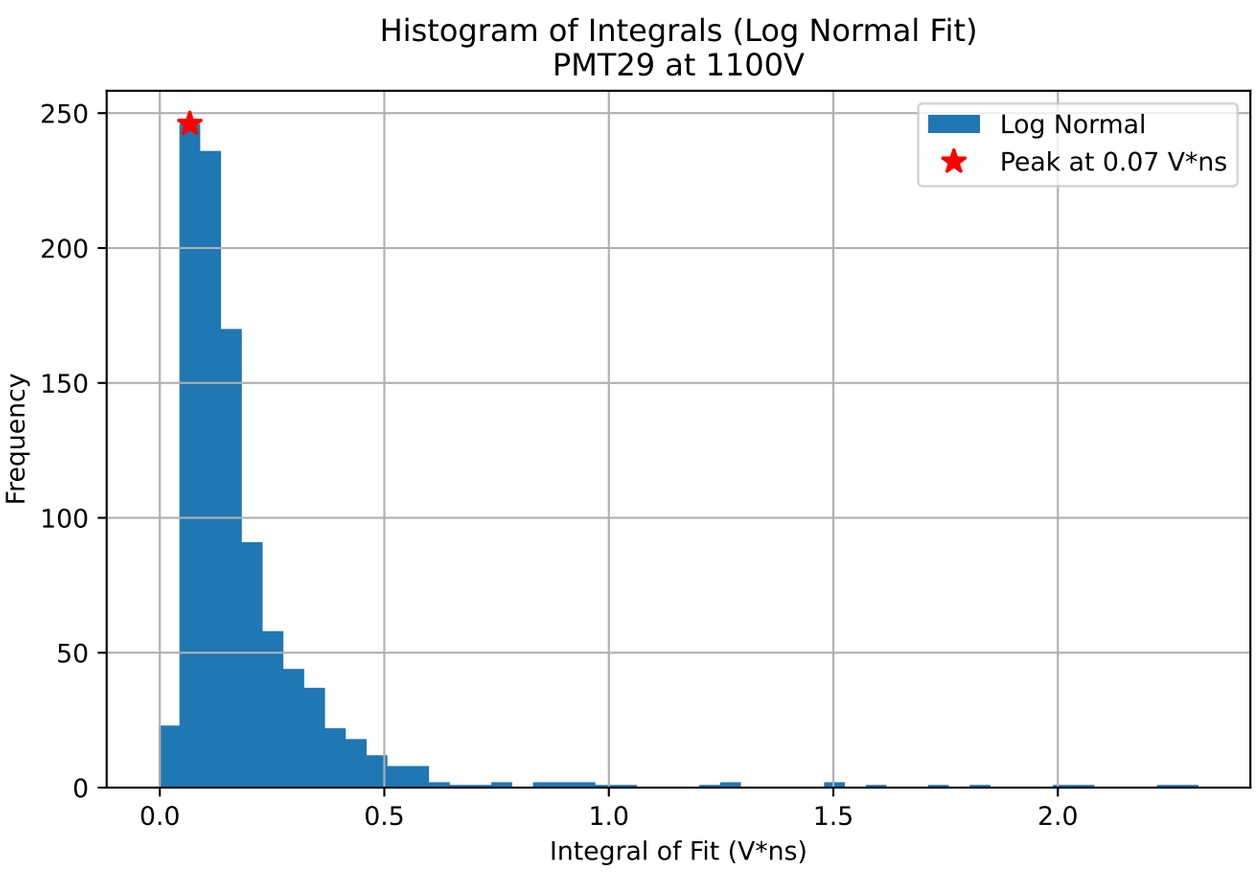

Histogram of Max Heights (Log Normal Fit)
PMT28 at 1800V
Log Normal
Peak at 0.38 V
Gaussian Fit
Amp: 60.52, Mean: 0.35, Width: 0.14
Frequency
Max Height (V)

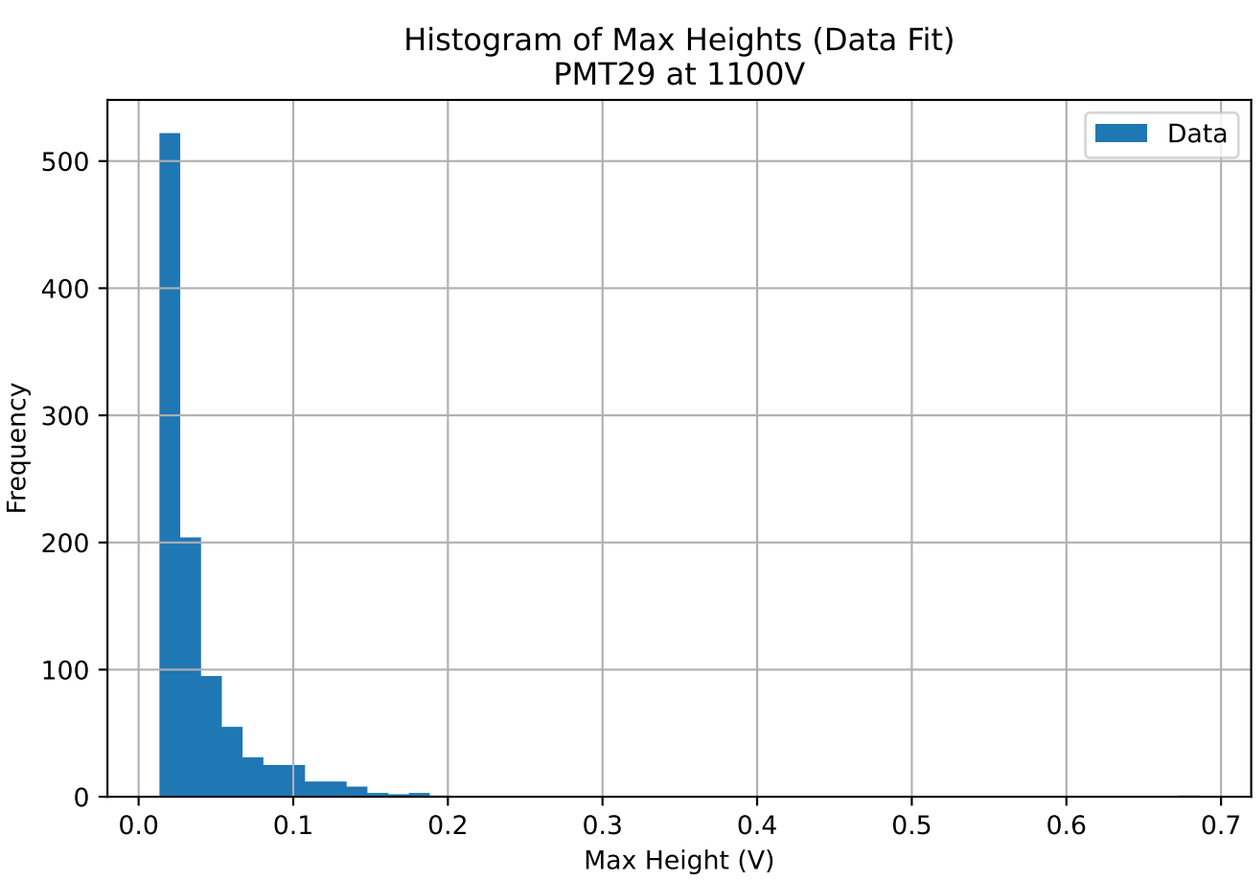

Histogram of Integrals (Log Normal Fit)
PMT28 at 1800V
Log Normal
Peak at 2.95 V*ns
Gaussian Fit
Amp: 227.95, Mean: 2.60, Width: 0.79
Frequency
Integral of Fit (V*ns)

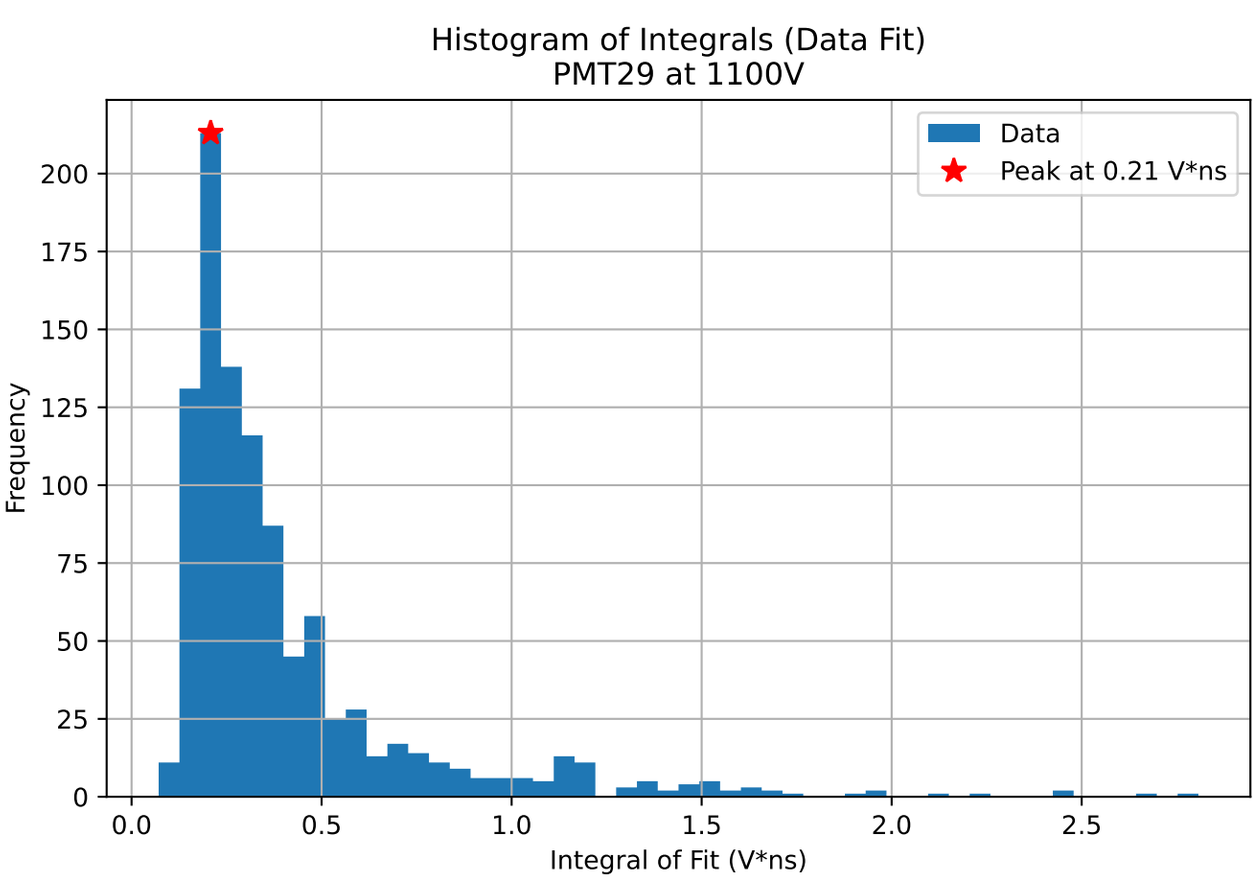

Histogram of Max Heights (Data Fit)
PMT28 at 1800V
Data
Peak at 0.42 V
Gaussian Fit
Amp: 85.22, Mean: 0.39, Width: 0.15
Frequency
Max Height (V)

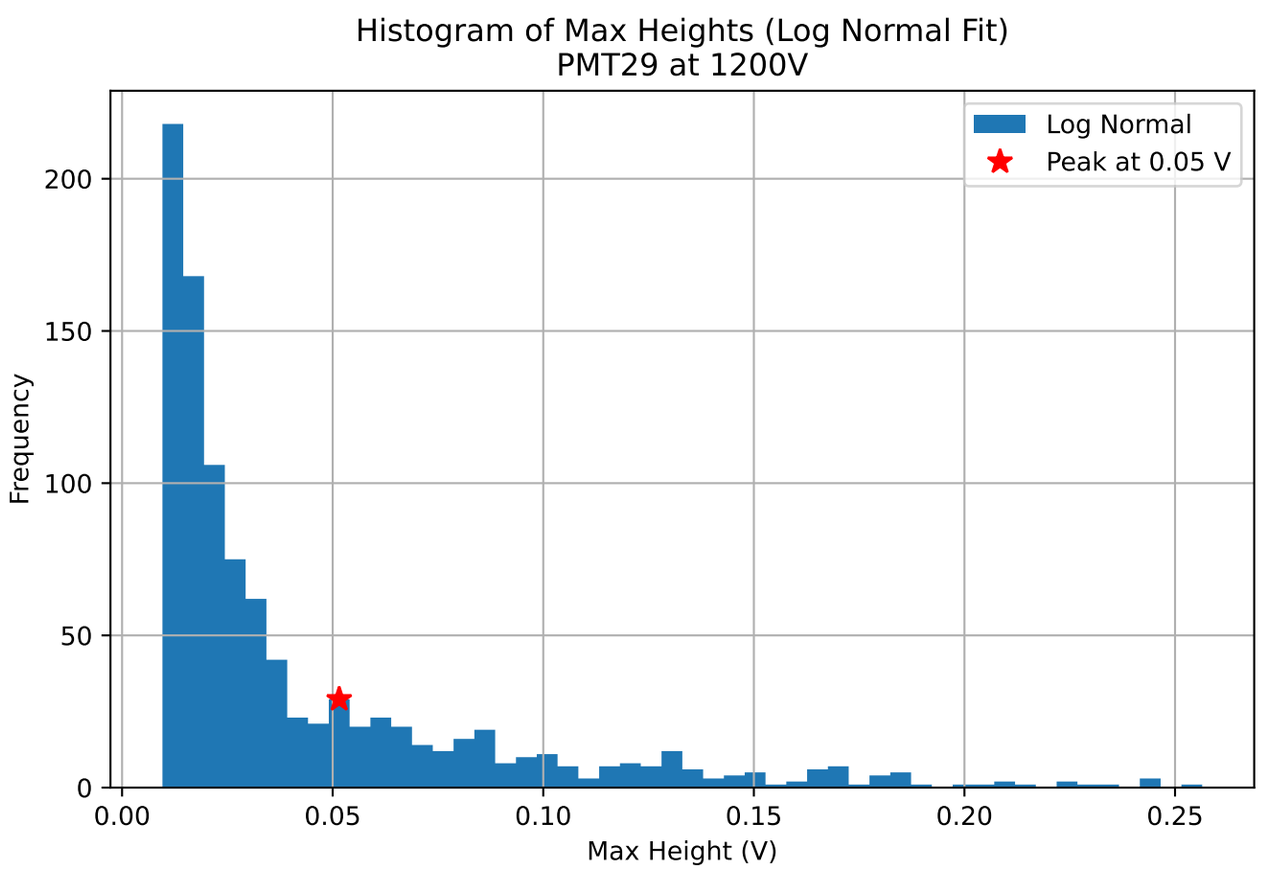

Histogram of Integrals (Data Fit)
PMT28 at 1800V
Data
Peak at 3.12 V*ns
Gaussian Fit
Amp: 283.34, Mean: 2.60, Width: 0.86
Frequency
Integral of Fit (V*ns)

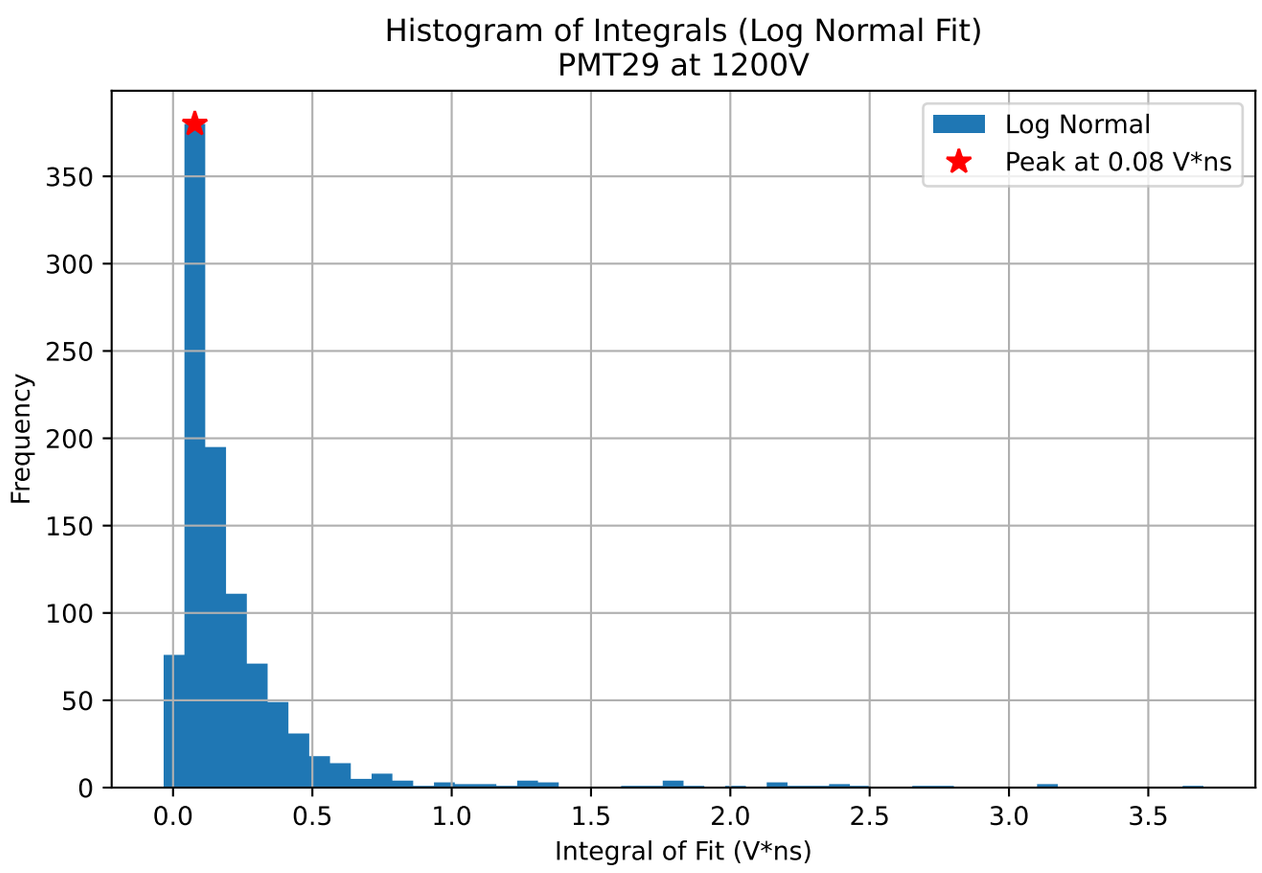

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1100V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

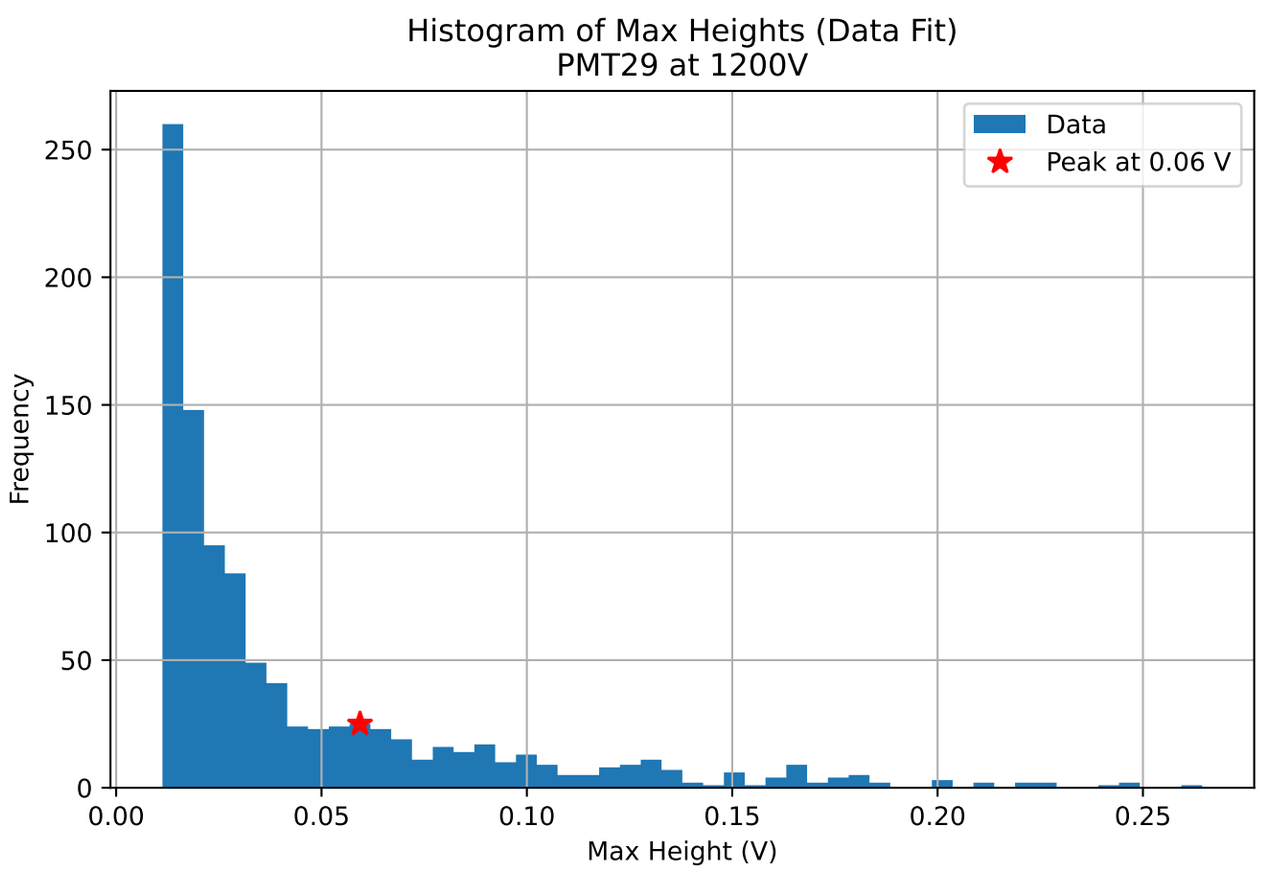

Histogram of Integrals (Log Normal Fit)
PMT29 at 1100V
Log Normal
Peak at 0.07 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0.0
0.5
1.0
1.5
2.0

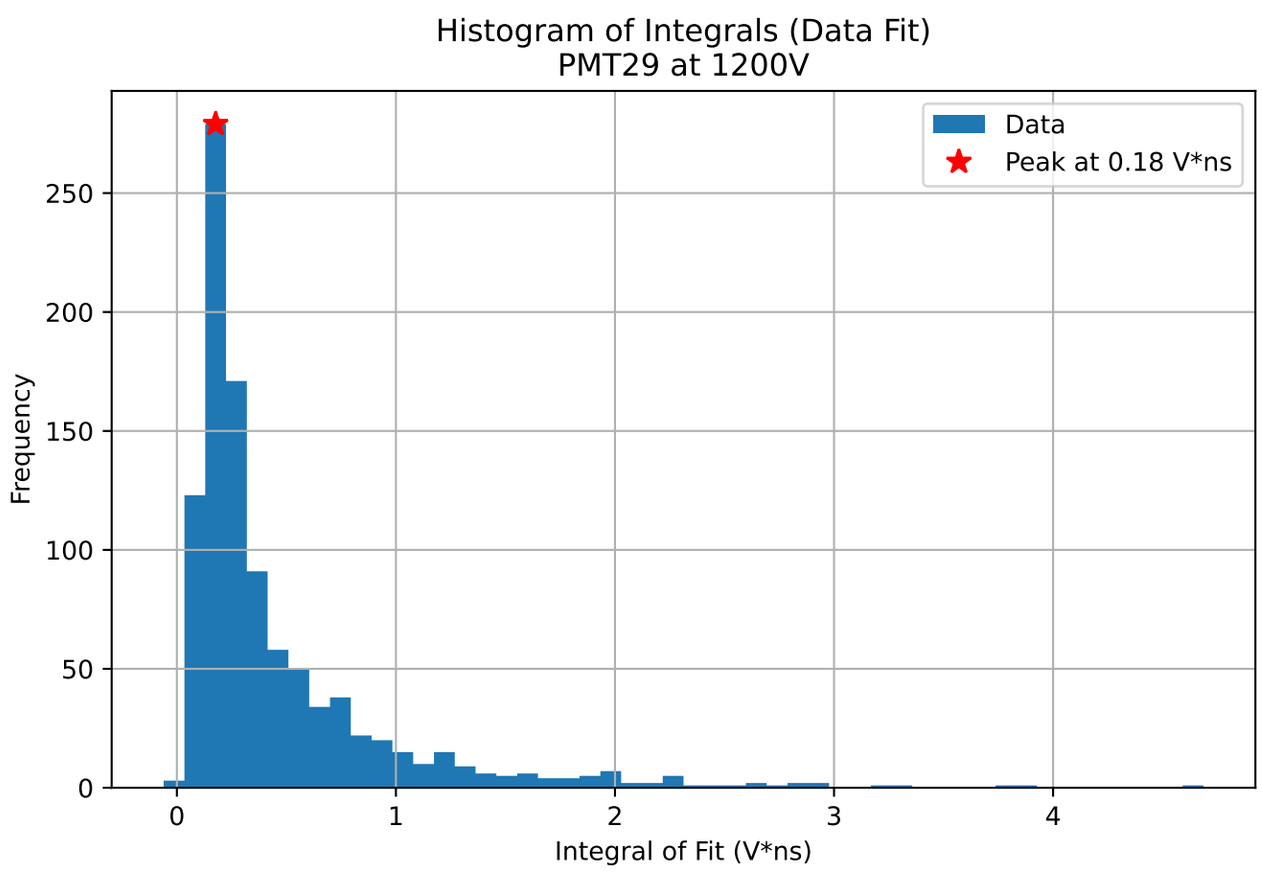

Histogram of Max Heights (Data Fit)
PMT29 at 1100V
Data
Frequency
Max Height (V)
0
100
200
300
400
500
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

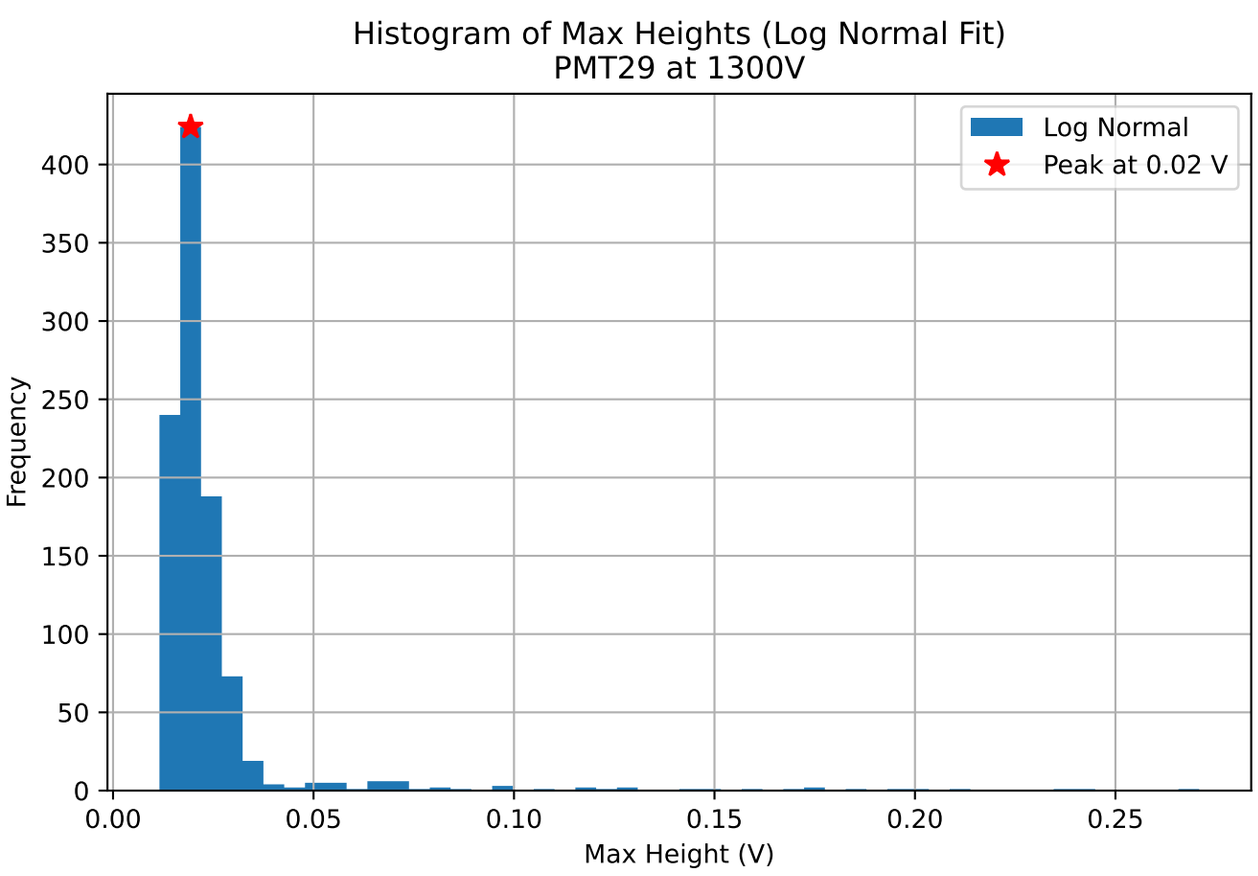

Histogram of Integrals (Data Fit)
PMT29 at 1100V
Data
Peak at 0.21 V*ns
Frequency
Integral of Fit (V*ns)
0
25
50
75
100
125
150
175
200
0.0
0.5
1.0
1.5
2.0
2.5

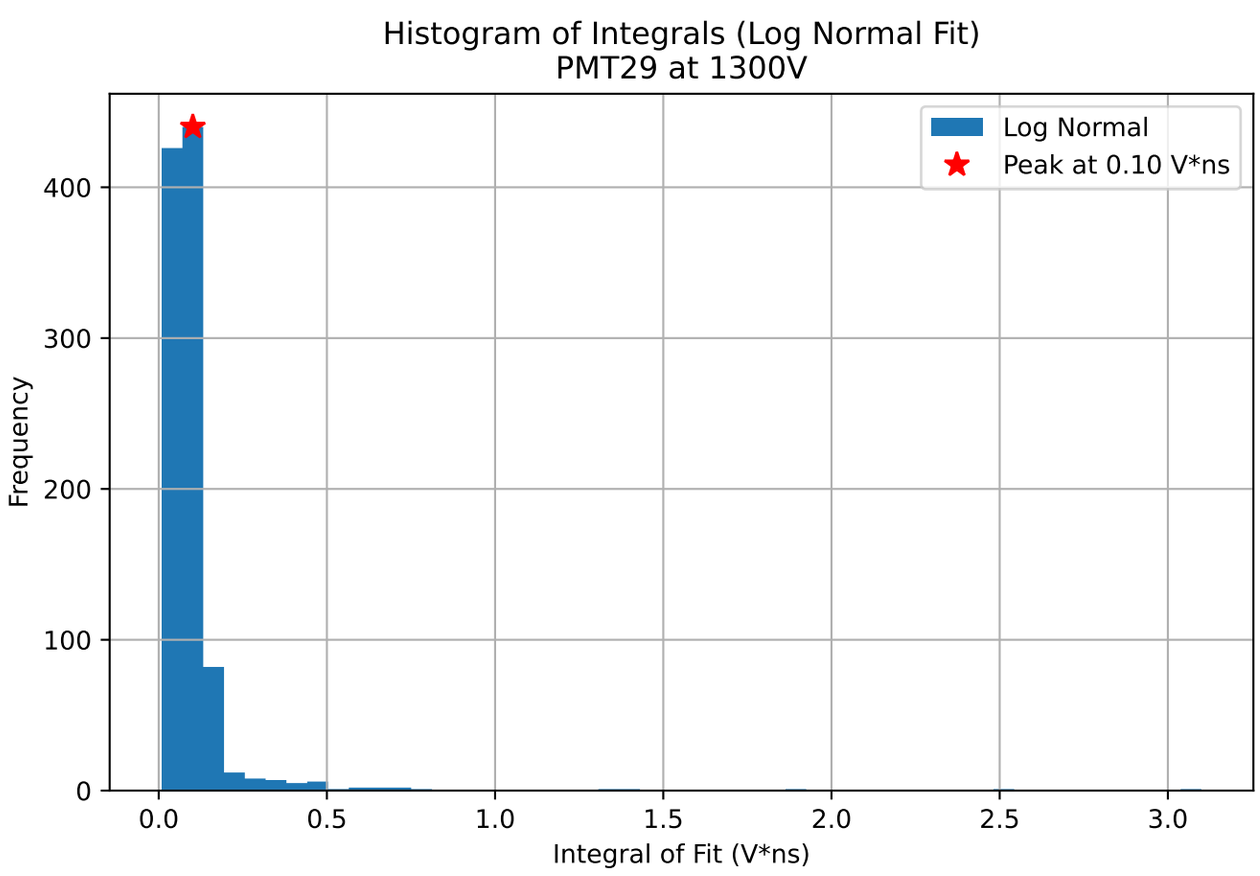

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1200V
Log Normal
Peak at 0.05 V
Frequency
Max Height (V)
0
50
100
150
200
0.00
0.05
0.10
0.15
0.20
0.25


Histogram of Integrals (Log Normal Fit)
PMT29 at 1200V
Log Normal
Peak at 0.08 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
300
350
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5


Histogram of Max Heights (Data Fit)
PMT29 at 1200V
Data
Peak at 0.06 V
Frequency
Max Height (V)
0
50
100
150
200
250
0.00
0.05
0.10
0.15
0.20
0.25

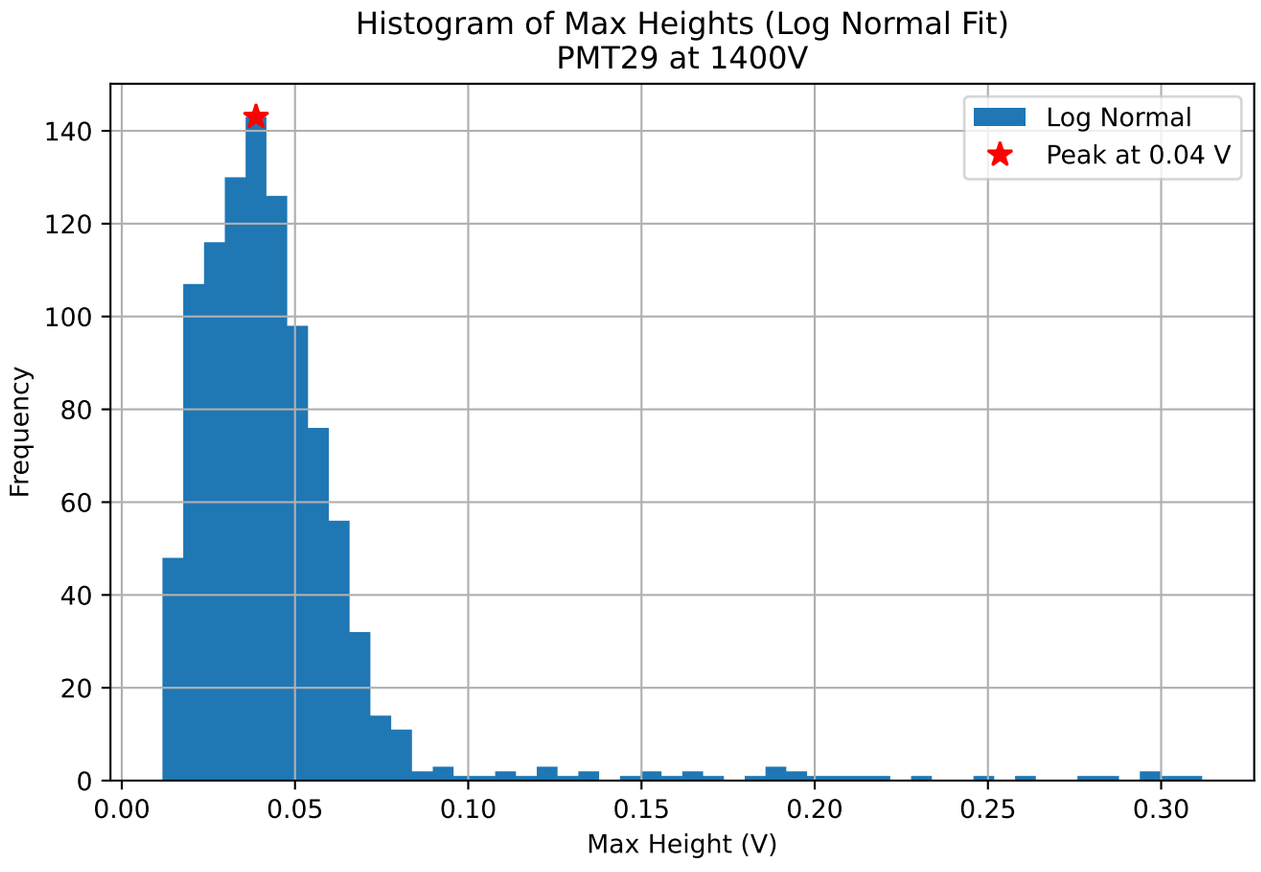

Histogram of Integrals (Data Fit)
PMT29 at 1200V
Data
Peak at 0.18 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0
1
2
3
4

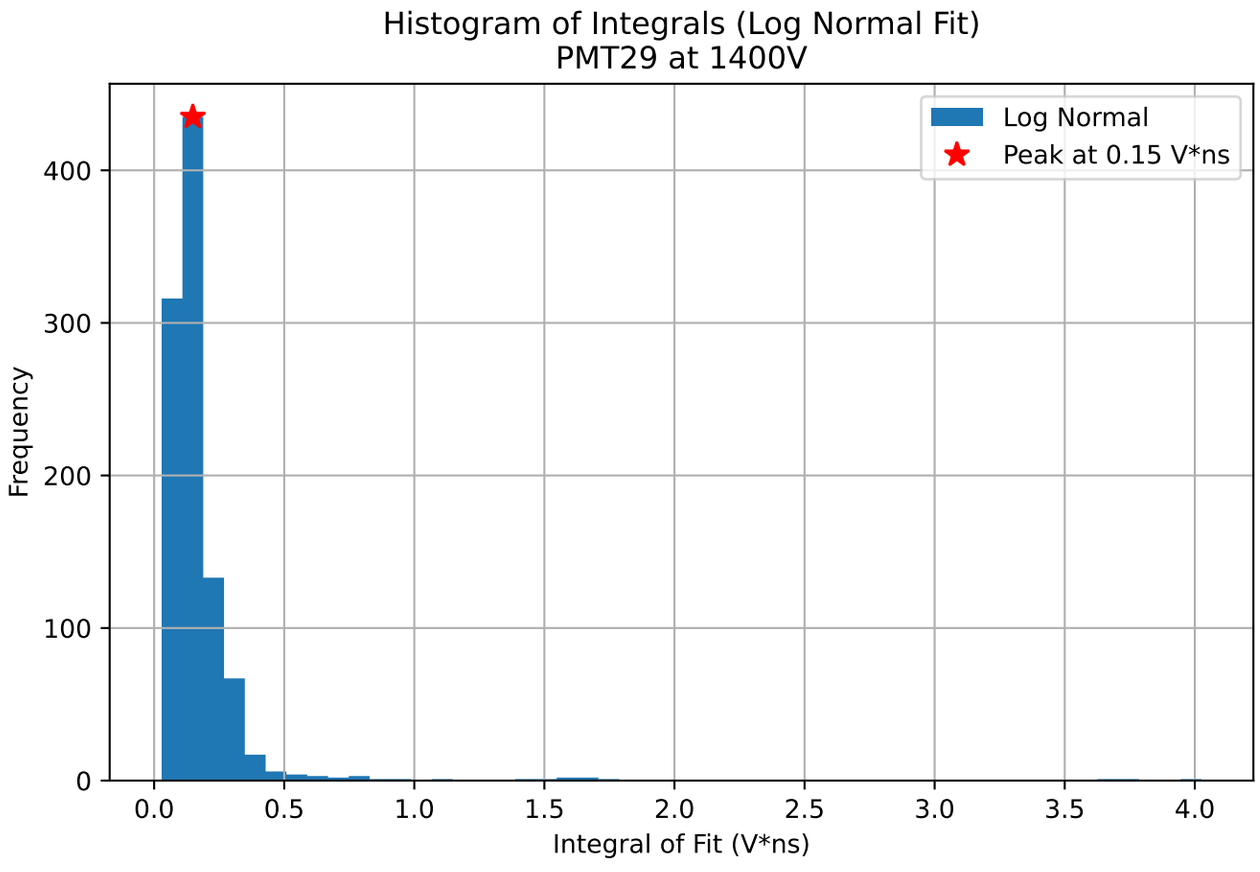

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1300V
Log Normal
Peak at 0.02 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.00
0.05
0.10
0.15
0.20
0.25


Histogram of Integrals (Log Normal Fit)
PMT29 at 1300V
Log Normal
Peak at 0.10 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
0.0
0.5
1.0
1.5
2.0
2.5
3.0

Histogram of Max Heights (Data Fit)
PMT29 at 1300V
Data
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.05
0.10
0.15
0.20
0.25

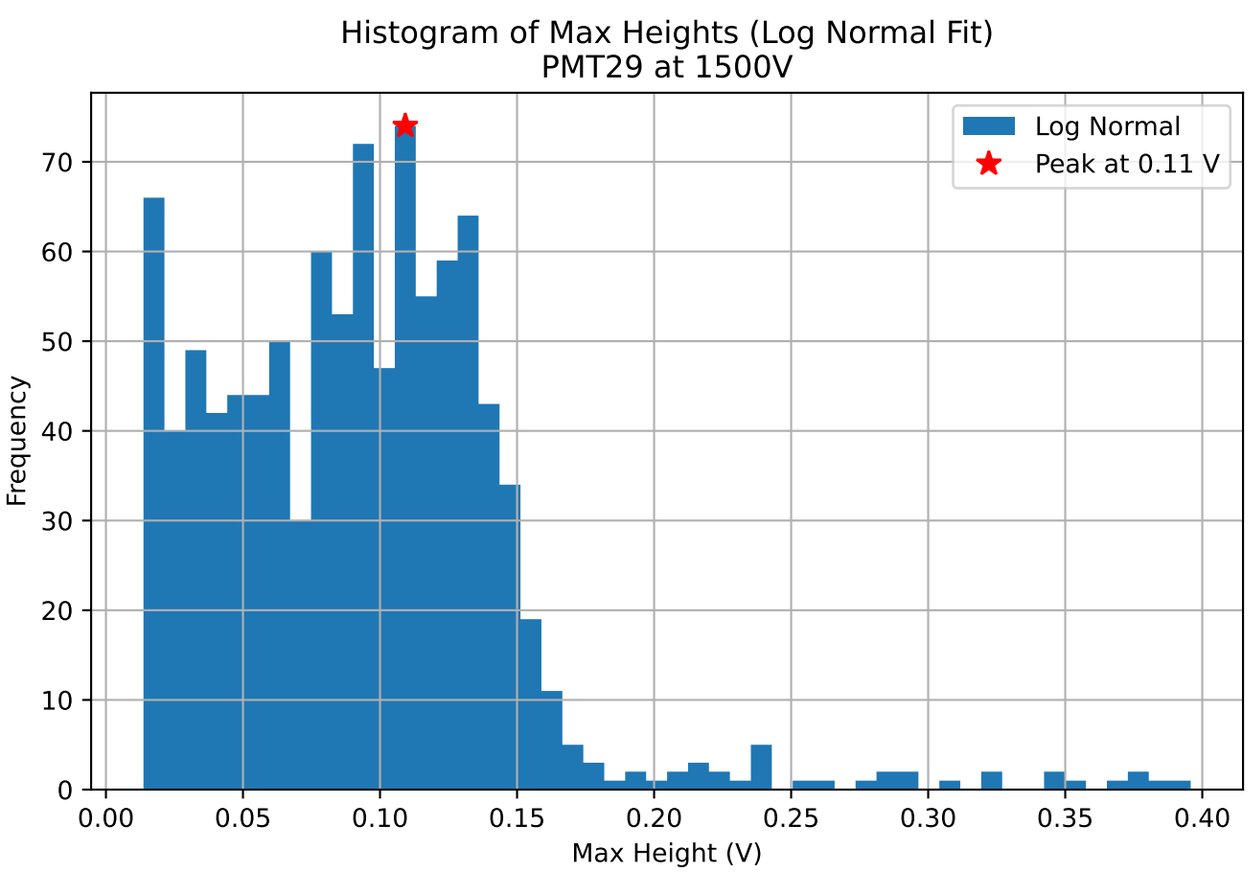
Histogram of Integrals (Data Fit)
PMT29 at 1300V
Data
Peak at 0.18 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5

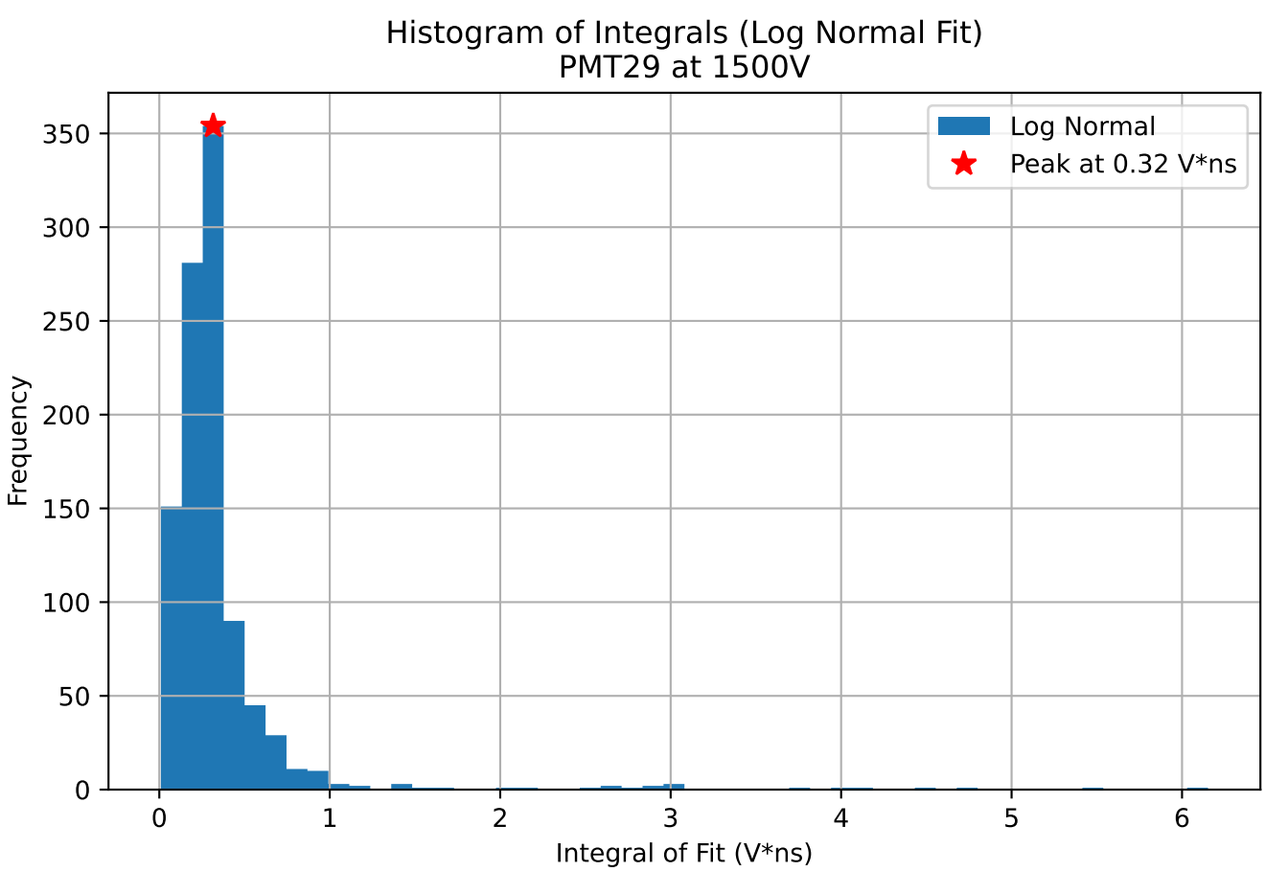

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1400V
Log Normal
Peak at 0.04 V
Frequency
Max Height (V)
0
20
40
60
80
100
120
140
0.00
0.05
0.10
0.15
0.20
0.25
0.30

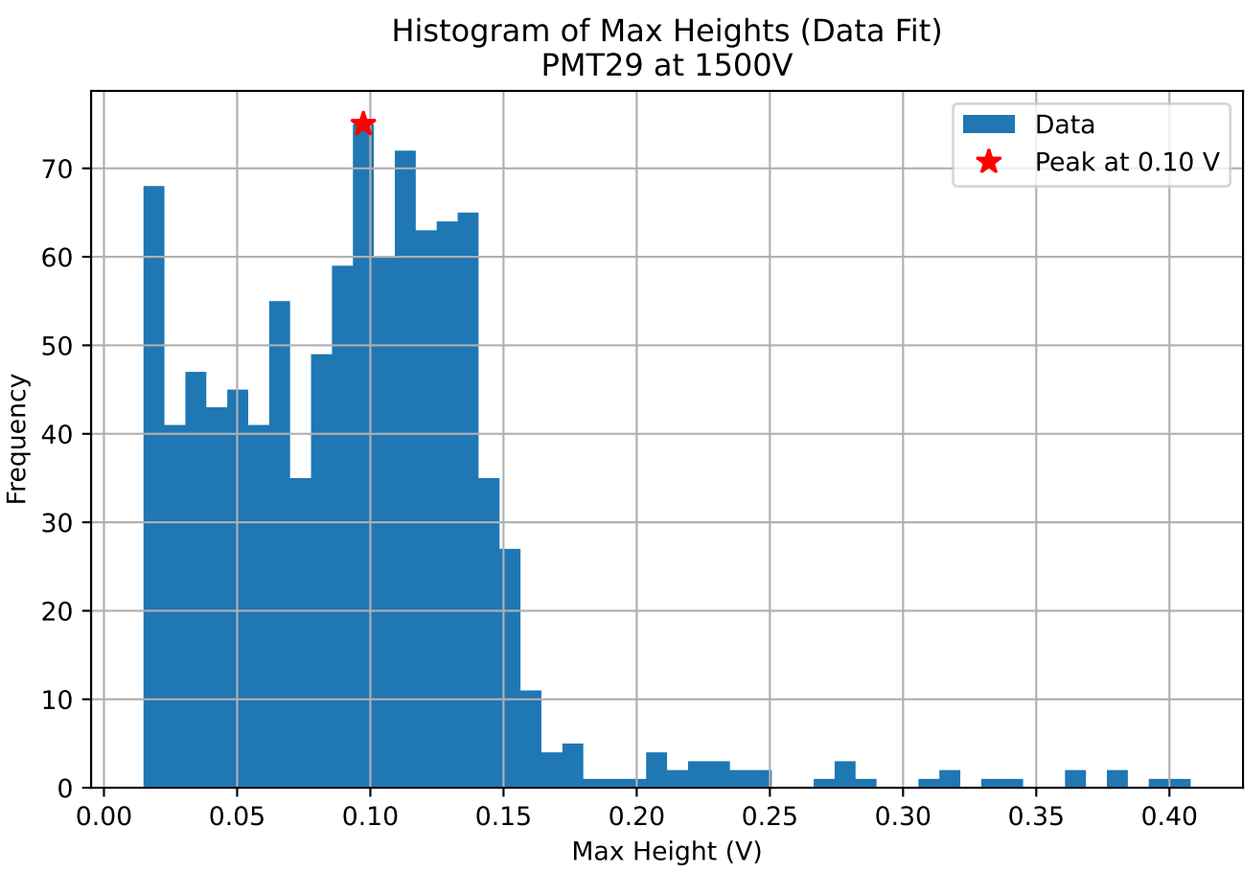

Histogram of Integrals (Log Normal Fit)
PMT29 at 1400V
Log Normal
Peak at 0.15 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0

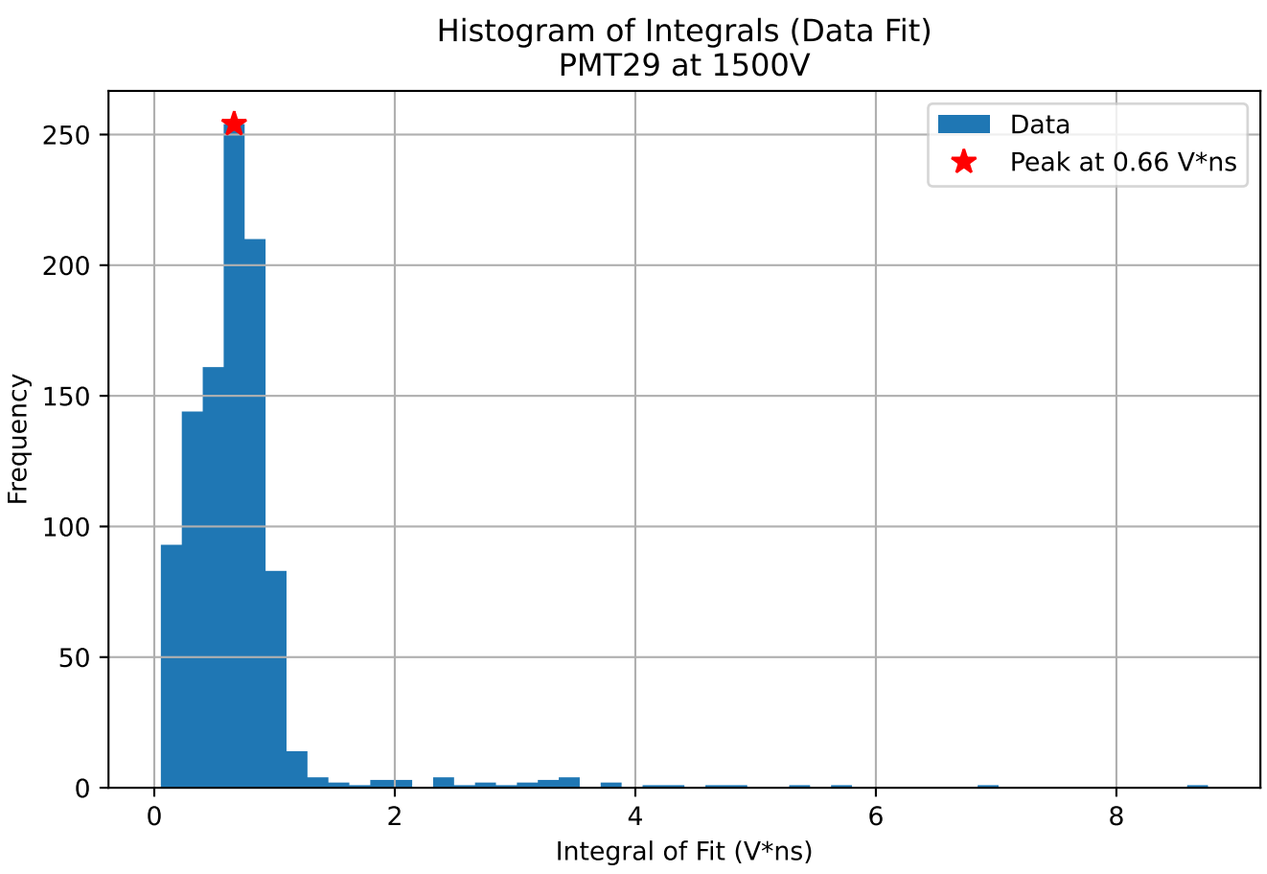
Histogram of Max Heights (Data Fit)
PMT29 at 1400V
Data
Peak at 0.04 V
Frequency
Max Height (V)
0
20
40
60
80
100
120
140
0.00
0.05
0.10
0.15
0.20
0.25
0.30

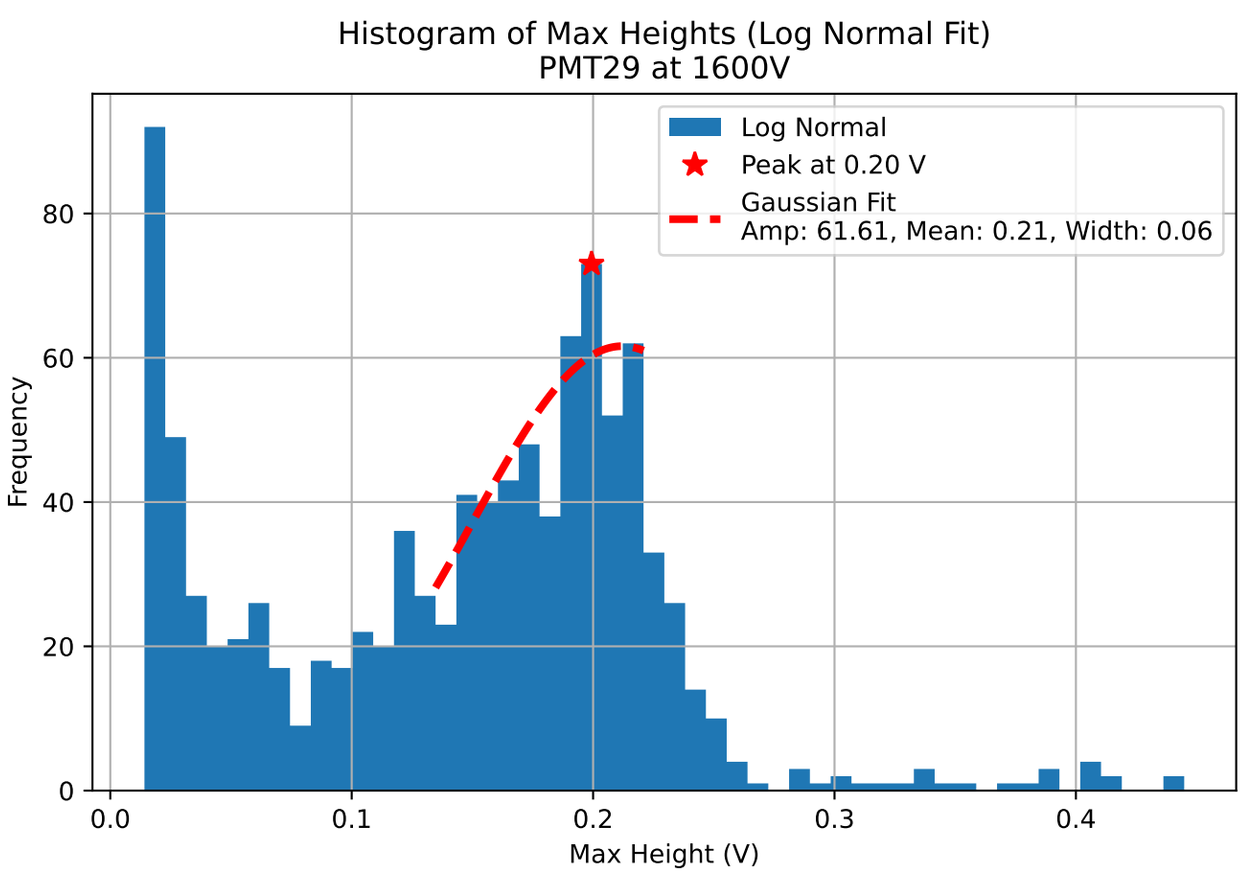
Histogram of Integrals (Data Fit)
PMT29 at 1400V
Data
Peak at 0.24 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
300
0
1
2
3
4
5

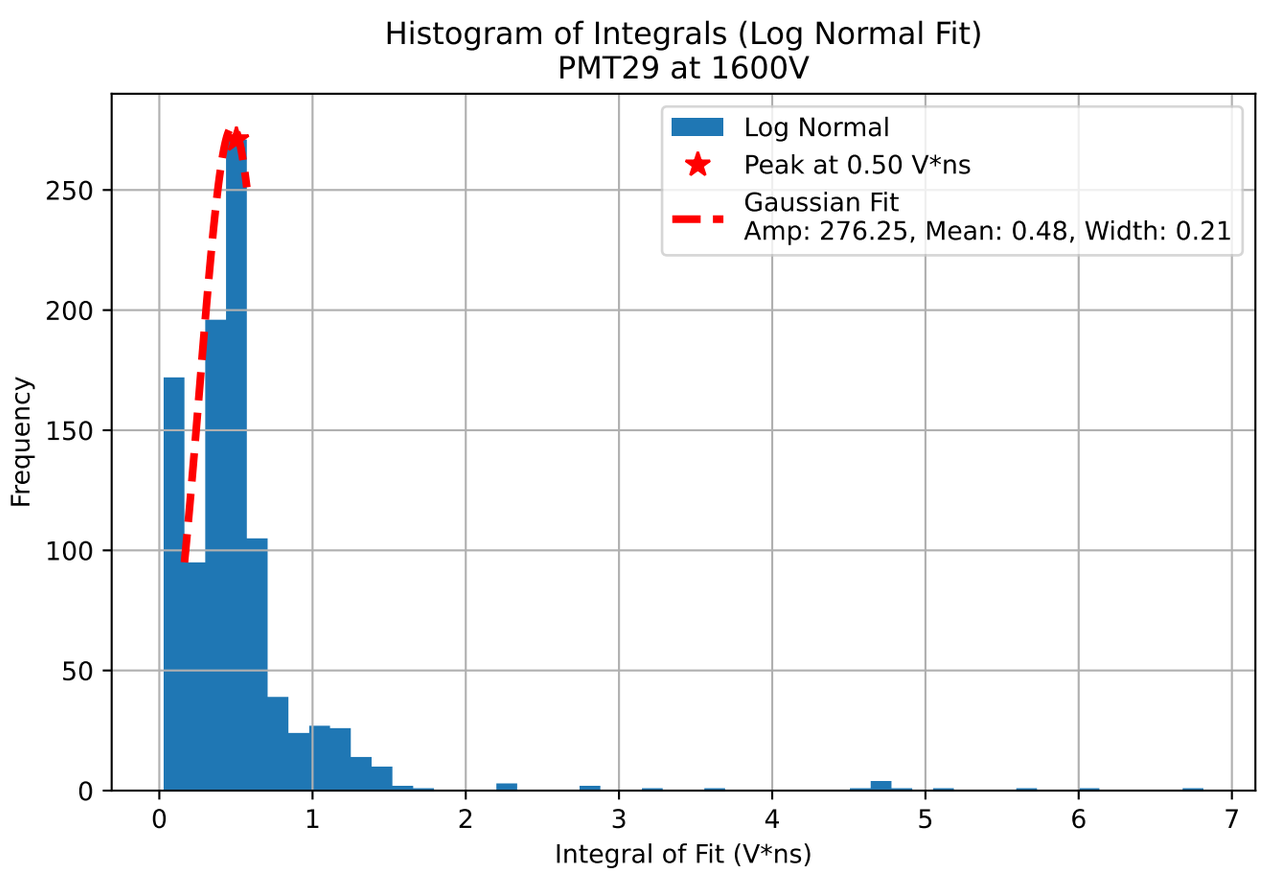

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1500V
Log Normal
Peak at 0.11 V
Frequency
Max Height (V)
0
10
20
30
40
50
60
70
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40


Histogram of Integrals (Log Normal Fit)
PMT29 at 1500V
Log Normal
Peak at 0.32 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
300
350
0
1
2
3
4
5
6


Histogram of Max Heights (Data Fit)
PMT29 at 1500V
Data
Peak at 0.10 V
Frequency
Max Height (V)
0
10
20
30
40
50
60
70
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40

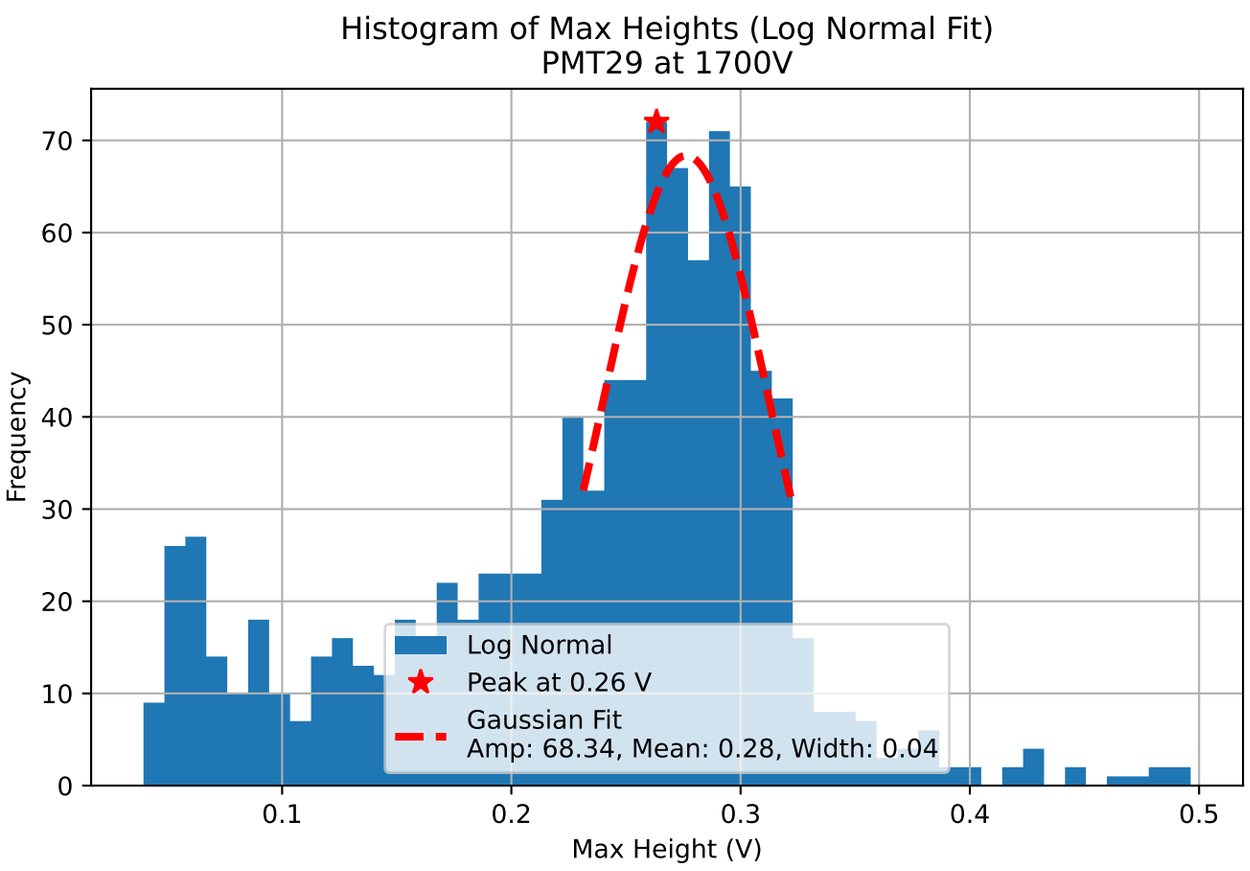

Histogram of Integrals (Data Fit)
PMT29 at 1500V
Data
Peak at 0.66 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0
2
4
6
8

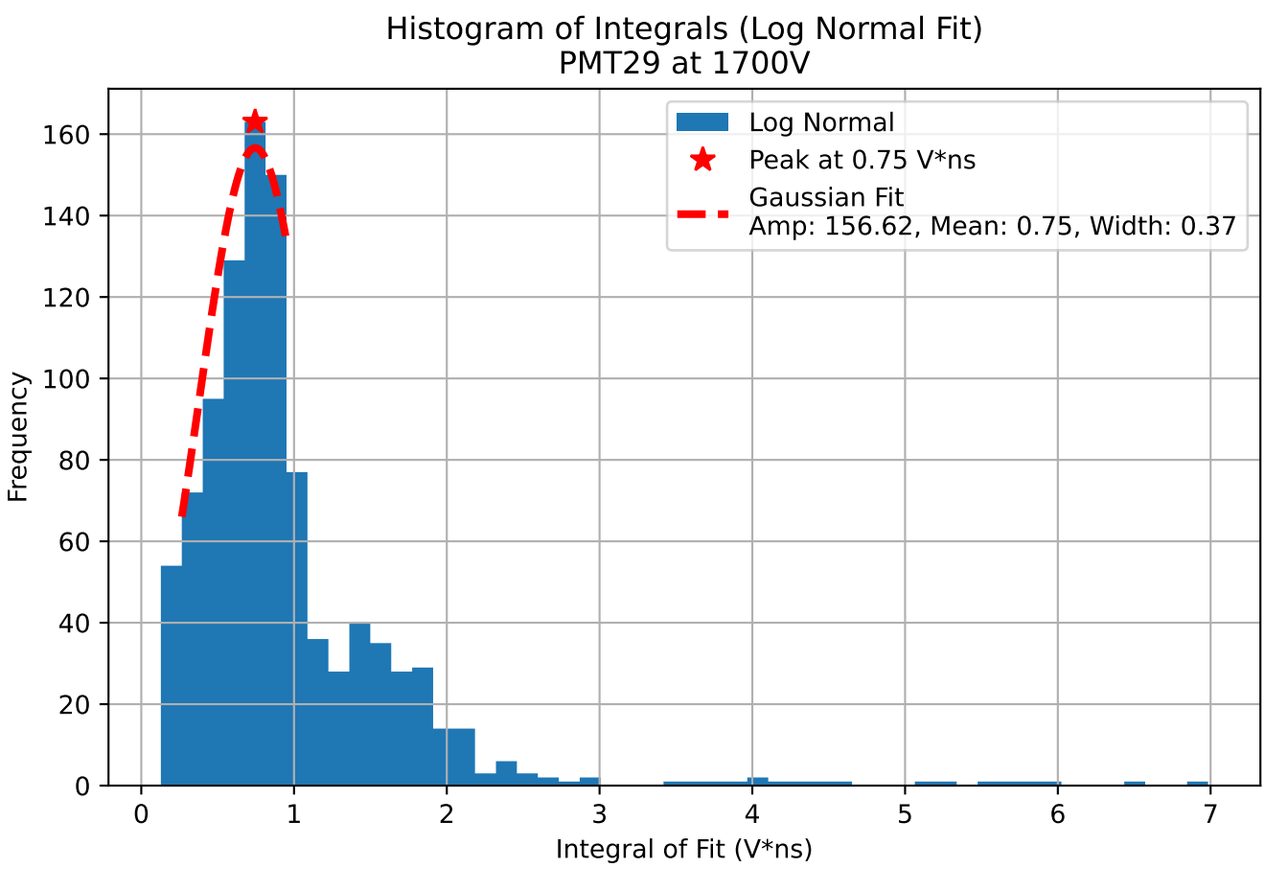

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1600V
Log Normal
Peak at 0.20 V
Gaussian Fit
Amp: 61.61, Mean: 0.21, Width: 0.06
Frequency
Max Height (V)
0
20
40
60
80
0.0
0.1
0.2
0.3
0.4

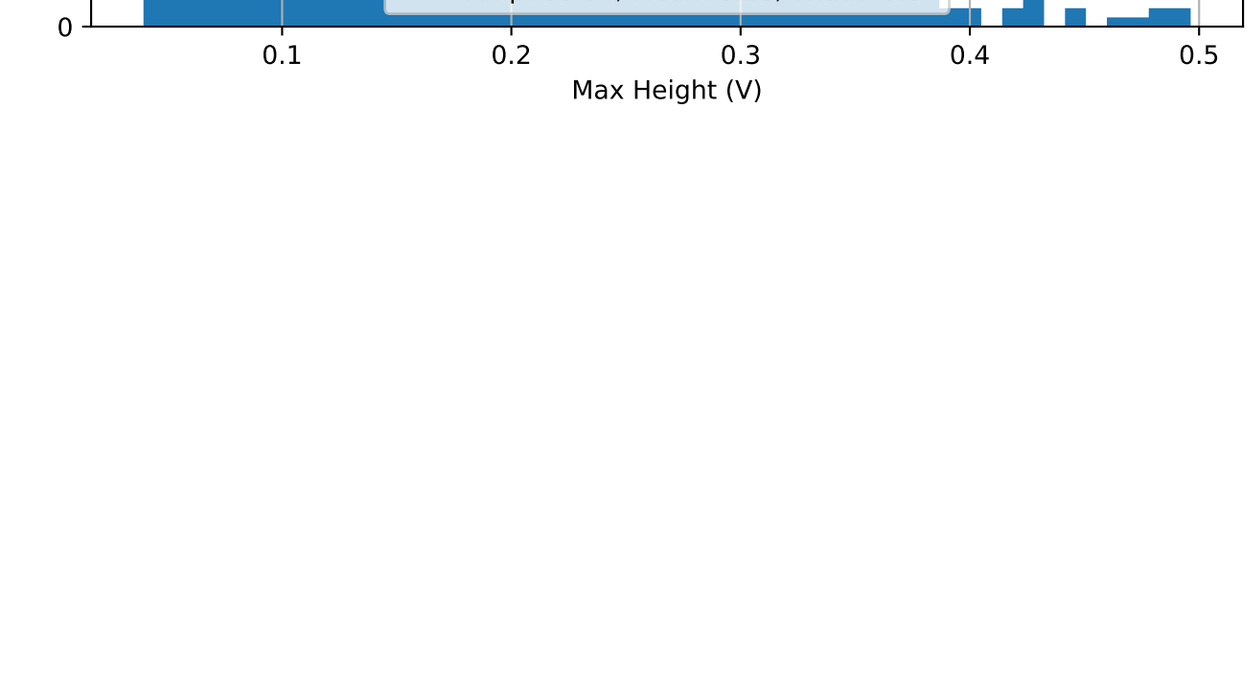

Histogram of Integrals (Log Normal Fit)
PMT29 at 1600V
Log Normal
Peak at 0.50 V*ns
Gaussian Fit
Amp: 276.25, Mean: 0.48, Width: 0.21
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0
1
2
3
4
5
6
7

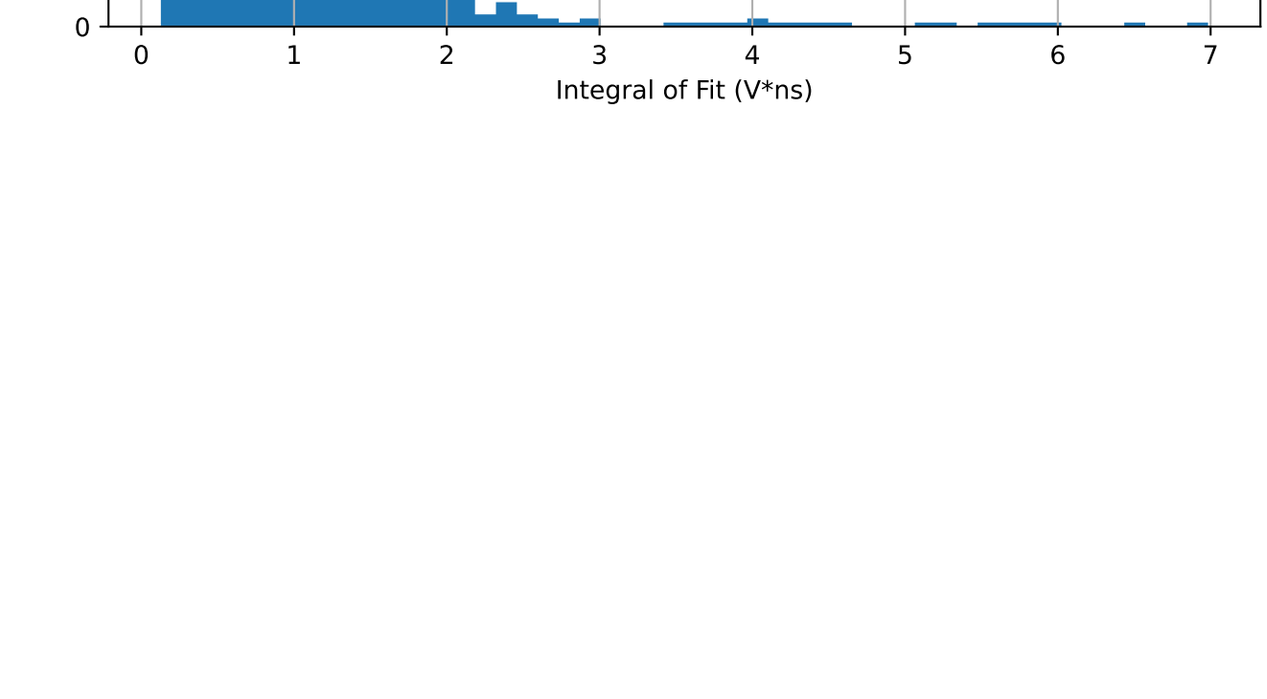
Histogram of Max Heights (Data Fit)
PMT29 at 1600V
Data
Peak at 0.19 V
Gaussian Fit
Amp: 65.44, Mean: 0.19, Width: 0.04
Frequency
Max Height (V)
0
20
40
60
80
100
0.0
0.1
0.2
0.3
0.4

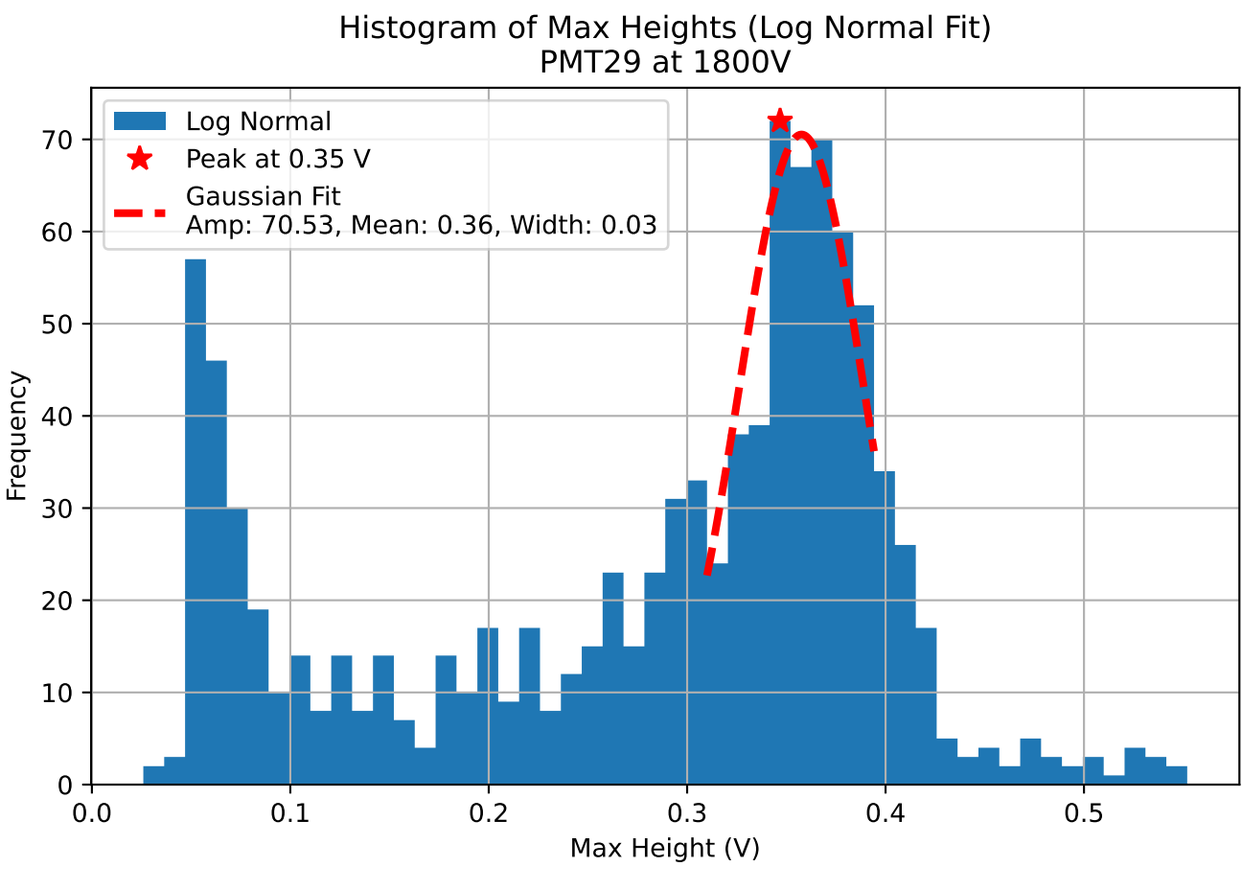
Histogram of Integrals (Data Fit)
PMT29 at 1600V
Data
Peak at 1.22 V*ns
Gaussian Fit
Amp: 155.80, Mean: 1.15, Width: 0.35
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
160
0
2
4
6
8

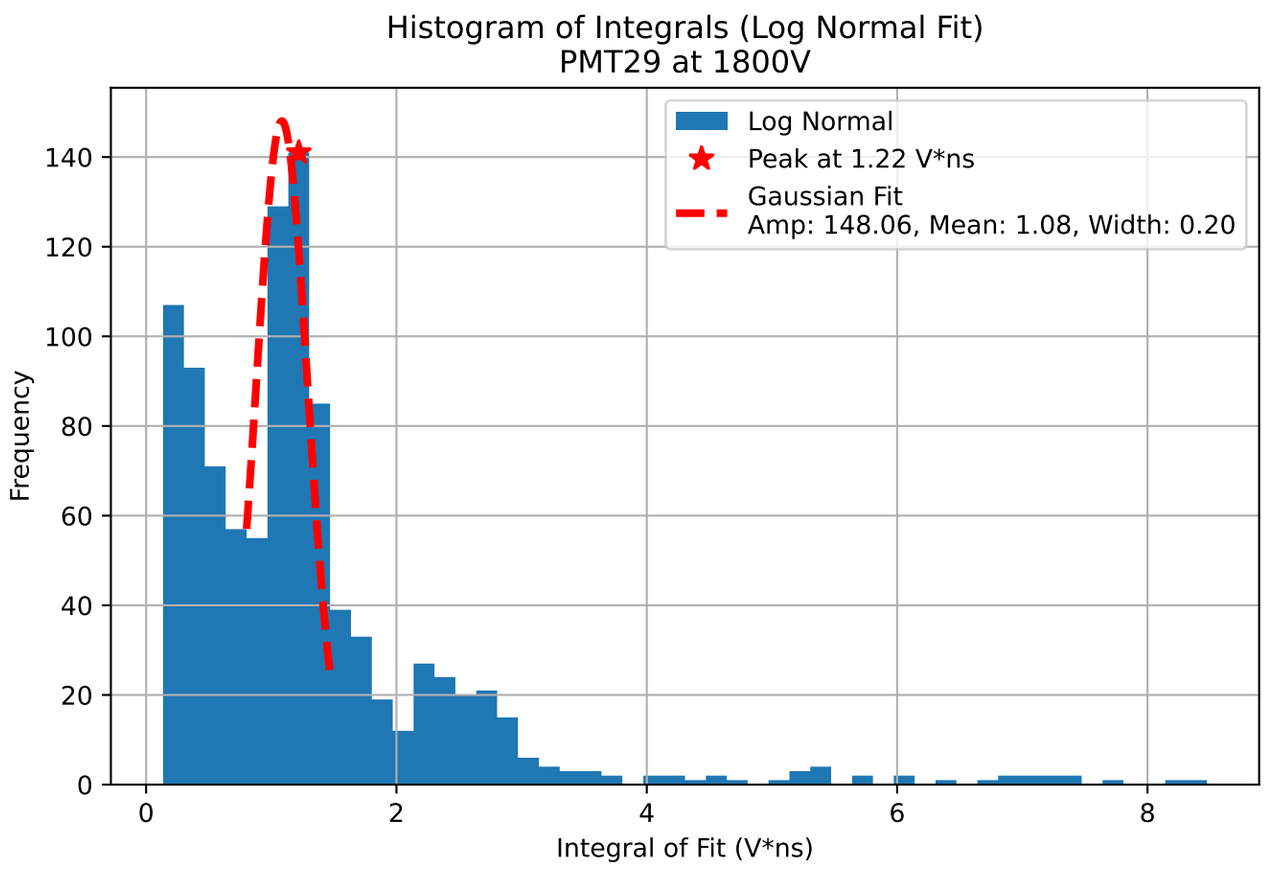

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1700V
Frequency
Max Height (V)
Log Normal
Peak at 0.26 V
Gaussian Fit
Amp: 68.34, Mean: 0.28, Width: 0.04

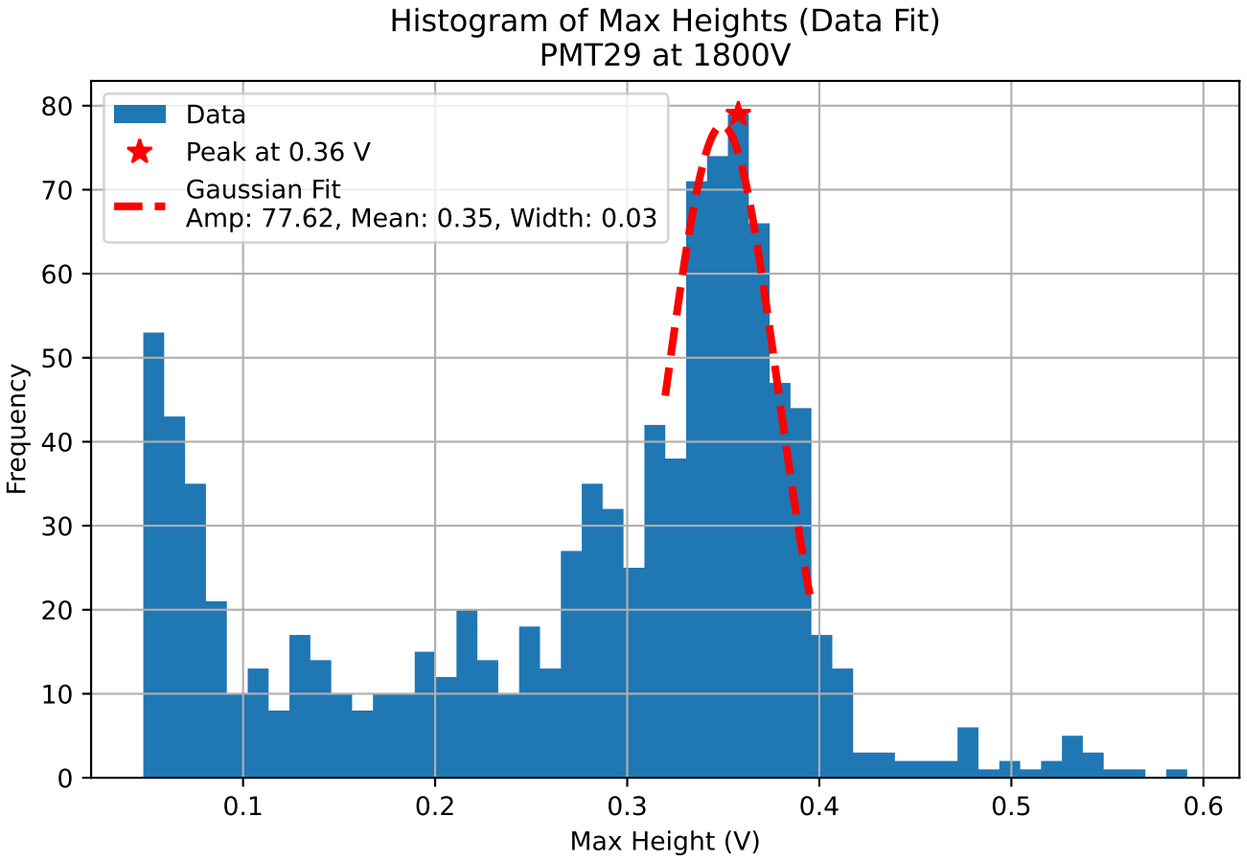

Histogram of Integrals (Log Normal Fit)
PMT29 at 1700V
Frequency
Integral of Fit (V*ns)
Log Normal
Peak at 0.75 V*ns
Gaussian Fit
Amp: 156.62, Mean: 0.75, Width: 0.37

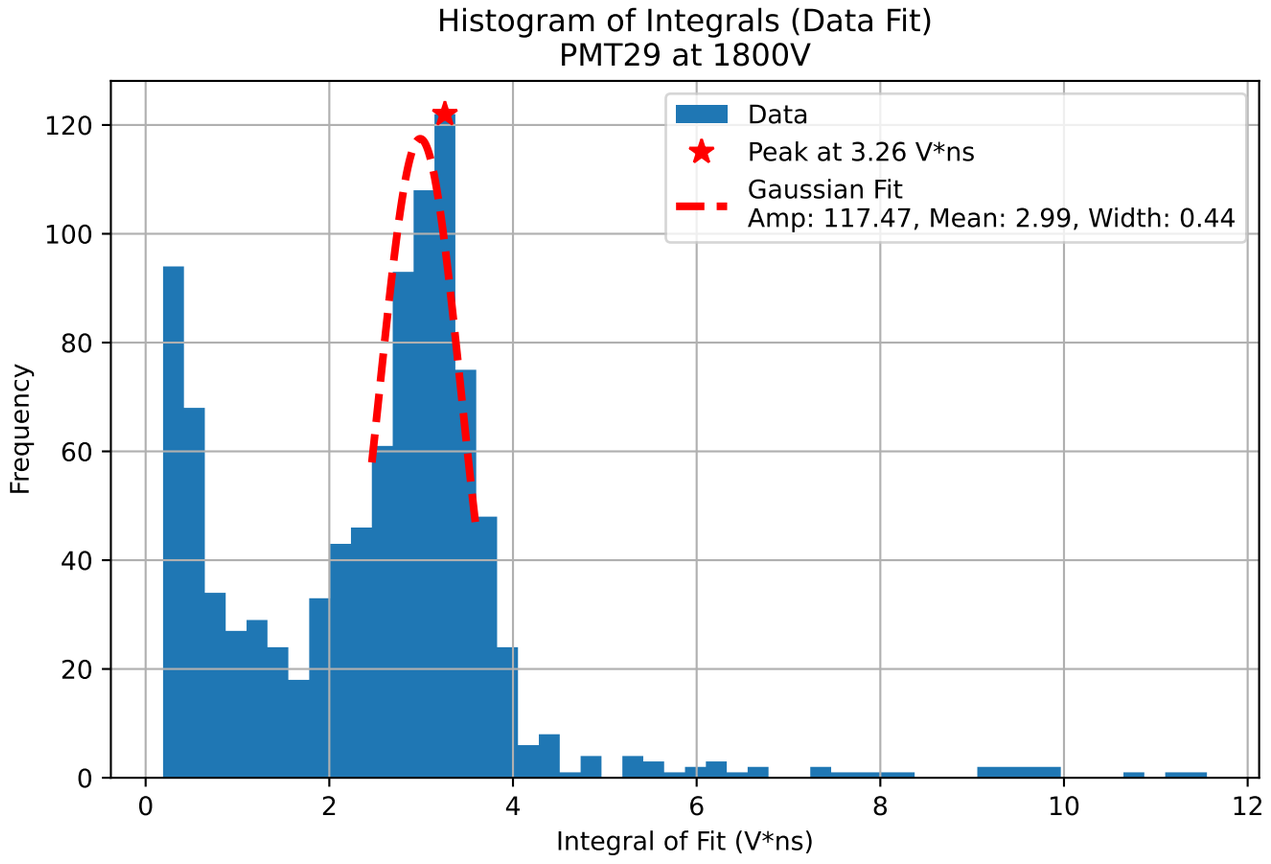

Histogram of Max Heights (Data Fit)
PMT29 at 1700V
Frequency
Max Height (V)
Data
Peak at 0.26 V
Gaussian Fit
Amp: 72.54, Mean: 0.27, Width: 0.04

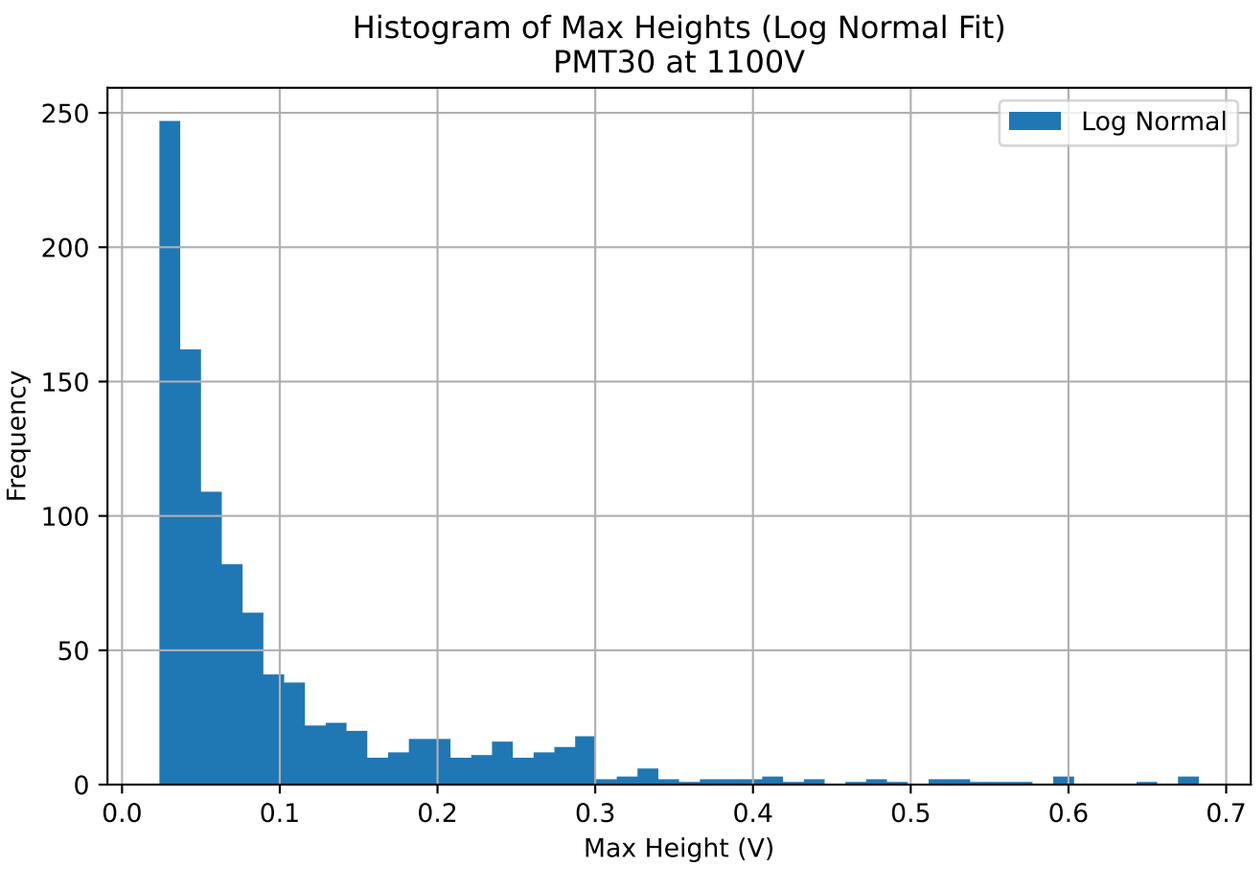

Histogram of Integrals (Data Fit)
PMT29 at 1700V
Frequency
Integral of Fit (V*ns)
Data
Peak at 2.32 V*ns
Gaussian Fit
Amp: 129.51, Mean: 2.07, Width: 0.51

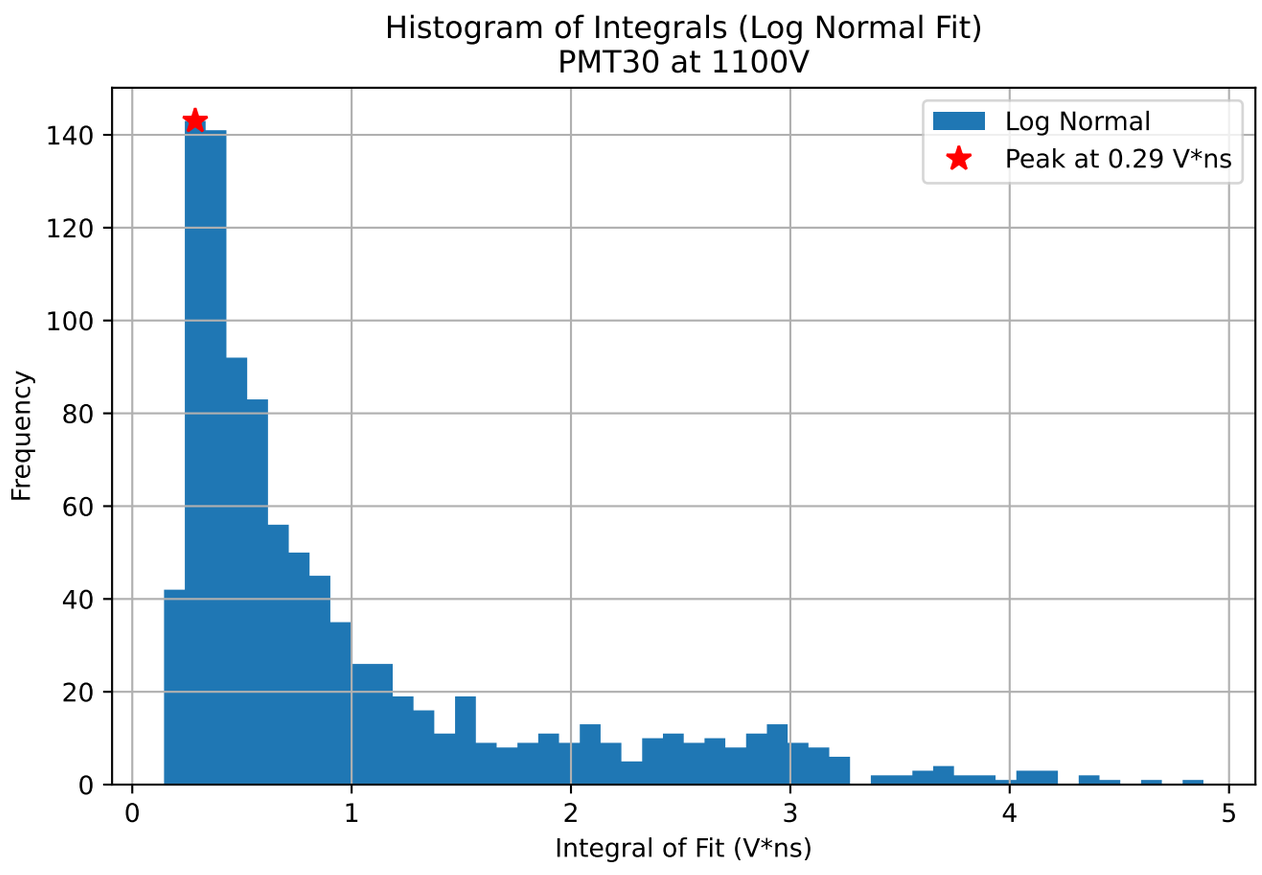

Histogram of Max Heights (Log Normal Fit)
PMT29 at 1800V
Log Normal
Peak at 0.35 V
Gaussian Fit
Amp: 70.53, Mean: 0.36, Width: 0.03
Frequency
Max Height (V)

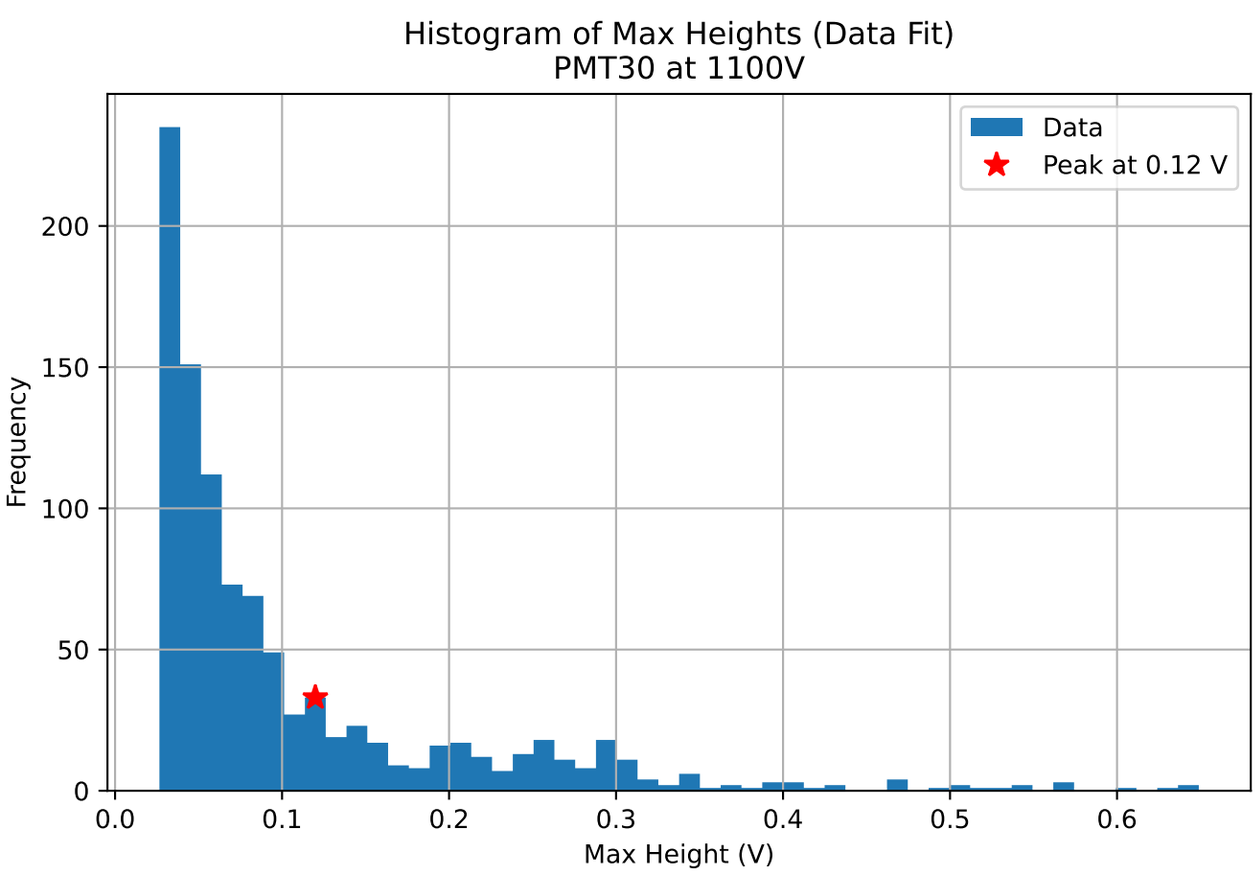

Histogram of Integrals (Log Normal Fit)
PMT29 at 1800V
Log Normal
Peak at 1.22 V*ns
Gaussian Fit
Amp: 148.06, Mean: 1.08, Width: 0.20
Frequency
Integral of Fit (V*ns)

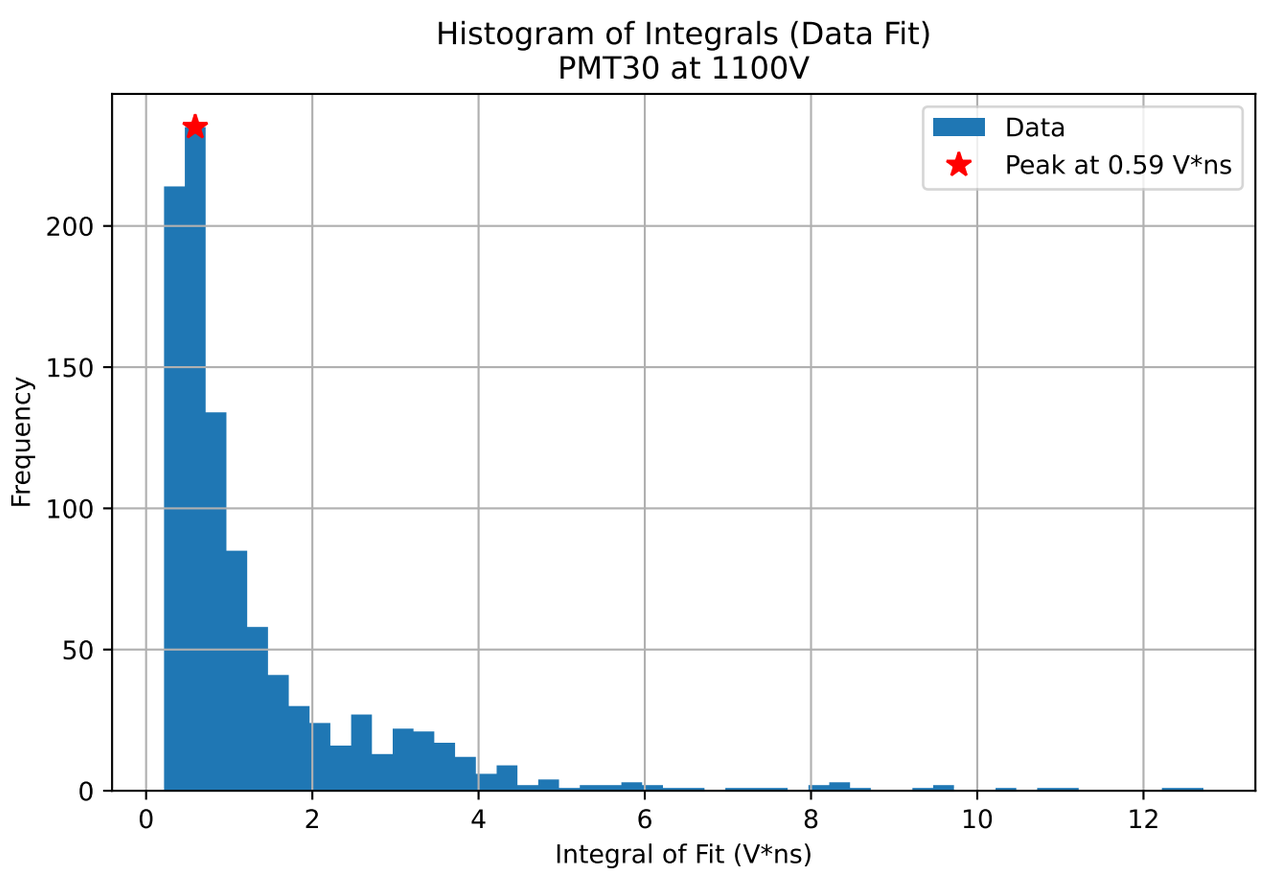

Histogram of Max Heights (Data Fit)
PMT29 at 1800V
Data
Peak at 0.36 V
Gaussian Fit
Amp: 77.62, Mean: 0.35, Width: 0.03
Frequency
Max Height (V)

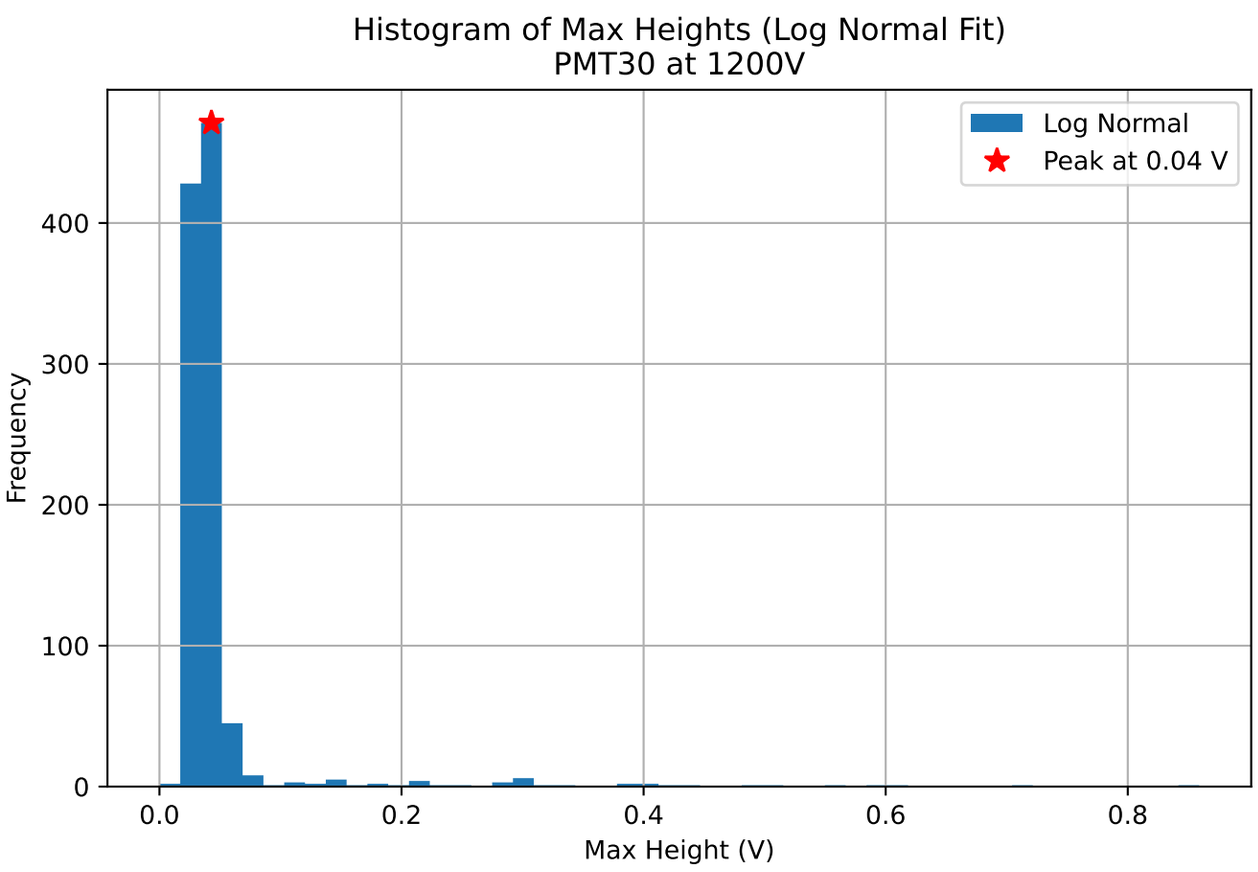

Histogram of Integrals (Data Fit)
PMT29 at 1800V
Data
Peak at 3.26 V*ns
Gaussian Fit
Amp: 117.47, Mean: 2.99, Width: 0.44
Frequency
Integral of Fit (V*ns)

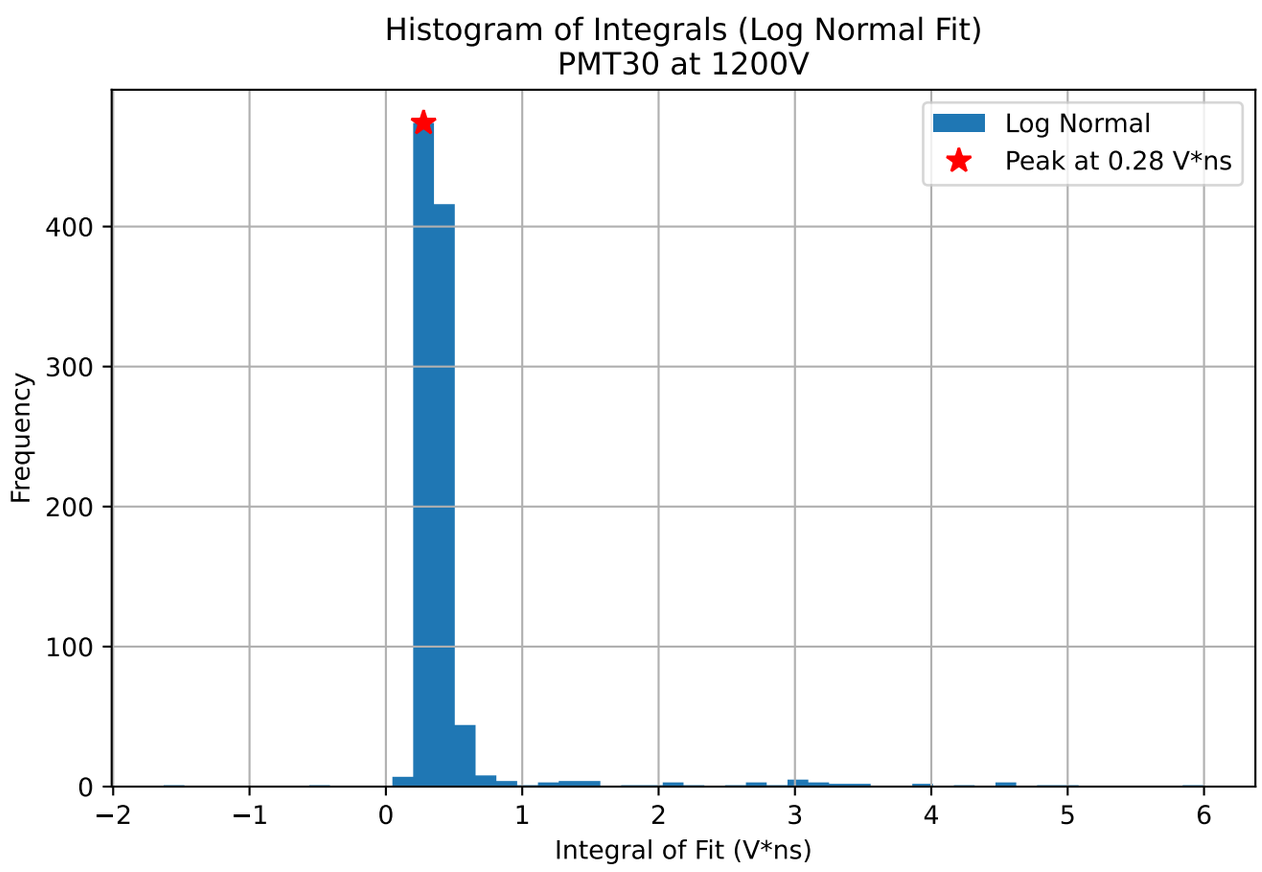

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1100V
Log Normal
Frequency
Max Height (V)
0
50
100
150
200
250
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

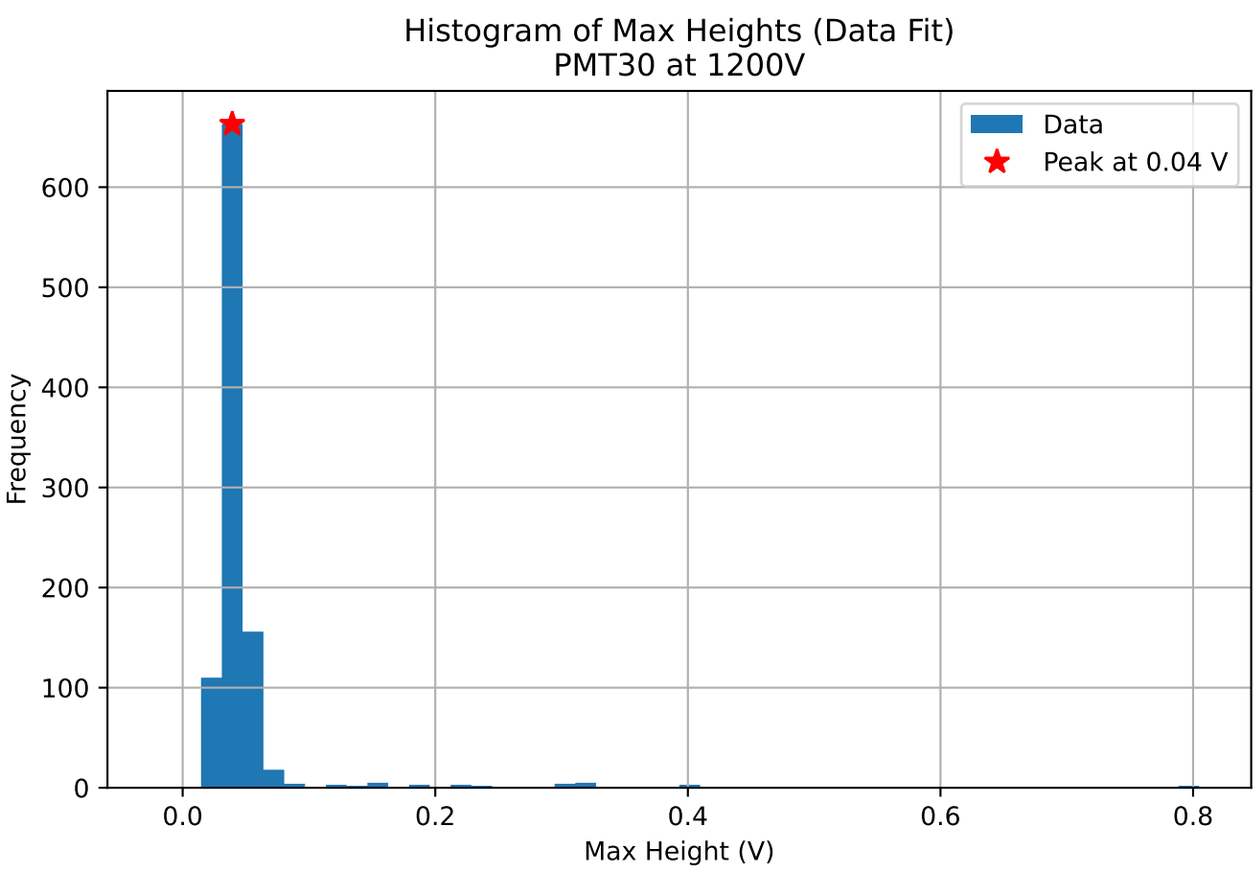

Histogram of Integrals (Log Normal Fit)
PMT30 at 1100V
Log Normal
Peak at 0.29 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
0
1
2
3
4
5

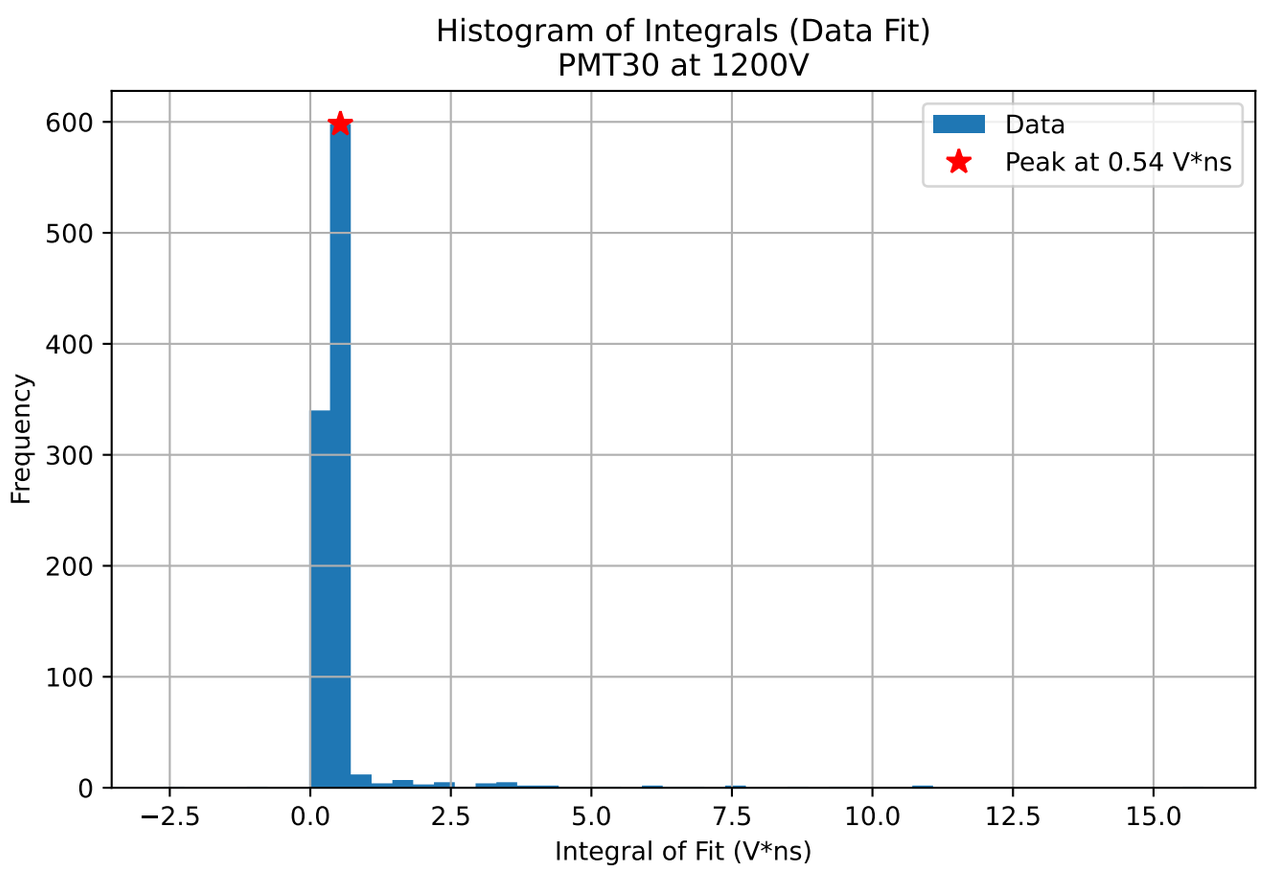

Histogram of Max Heights (Data Fit)
PMT30 at 1100V
Data
Peak at 0.12 V
Frequency
Max Height (V)
0
50
100
150
200
0.0
0.1
0.2
0.3
0.4
0.5
0.6

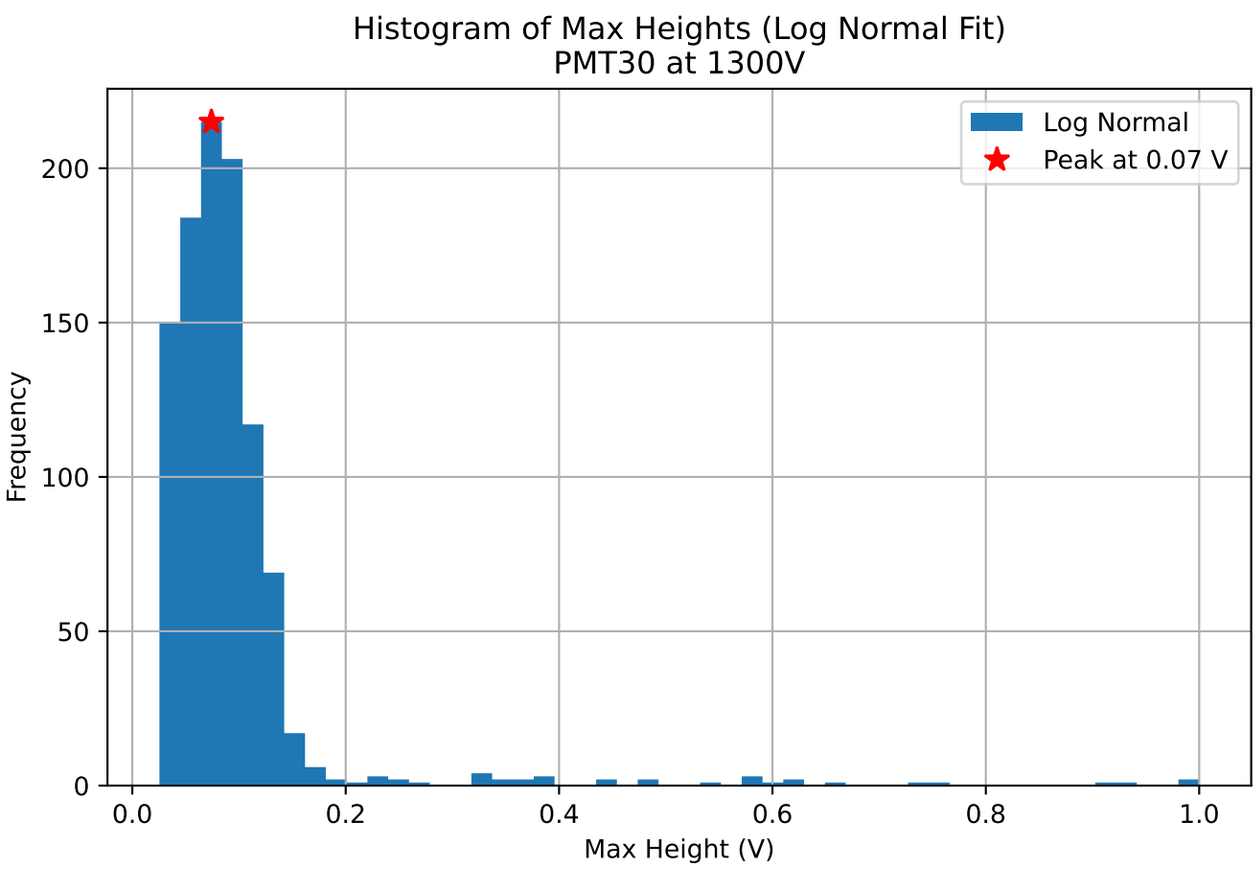

Histogram of Integrals (Data Fit)
PMT30 at 1100V
Data
Peak at 0.59 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
0
2
4
6
8
10
12

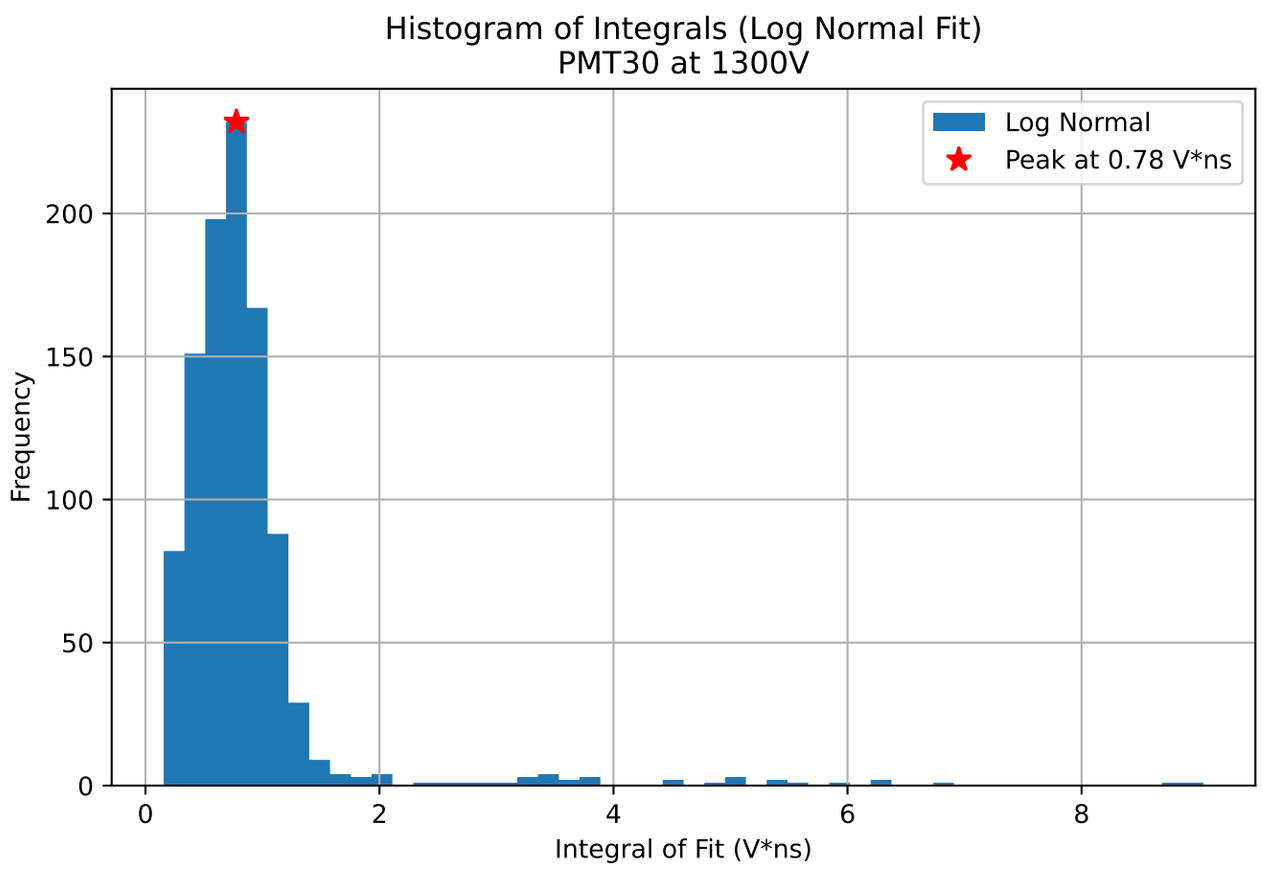

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1200V
Log Normal
Peak at 0.04 V
Frequency
Max Height (V)
0
100
200
300
400
0.0
0.2
0.4
0.6
0.8

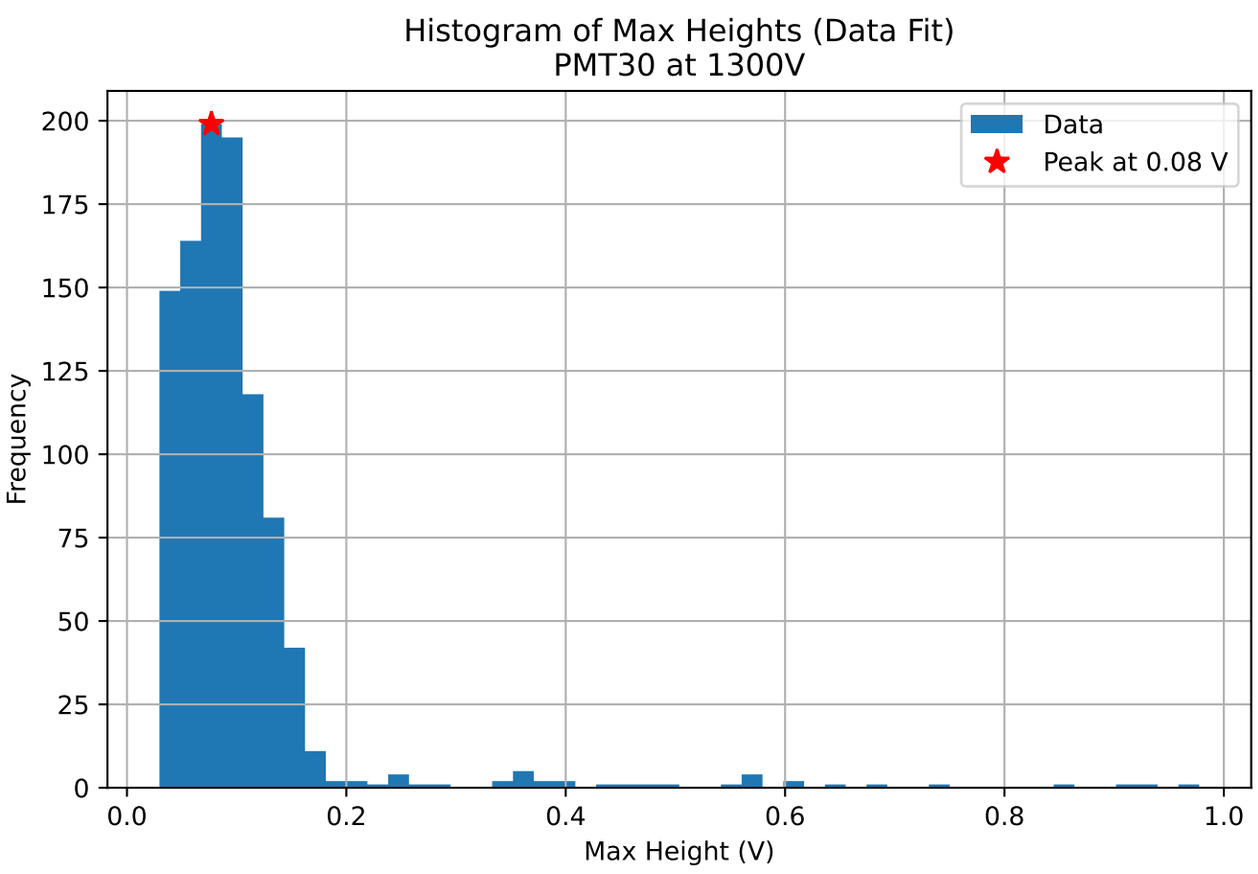

Histogram of Integrals (Log Normal Fit)
PMT30 at 1200V
Log Normal
Peak at 0.28 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
−2
−1
0
1
2
3
4
5
6

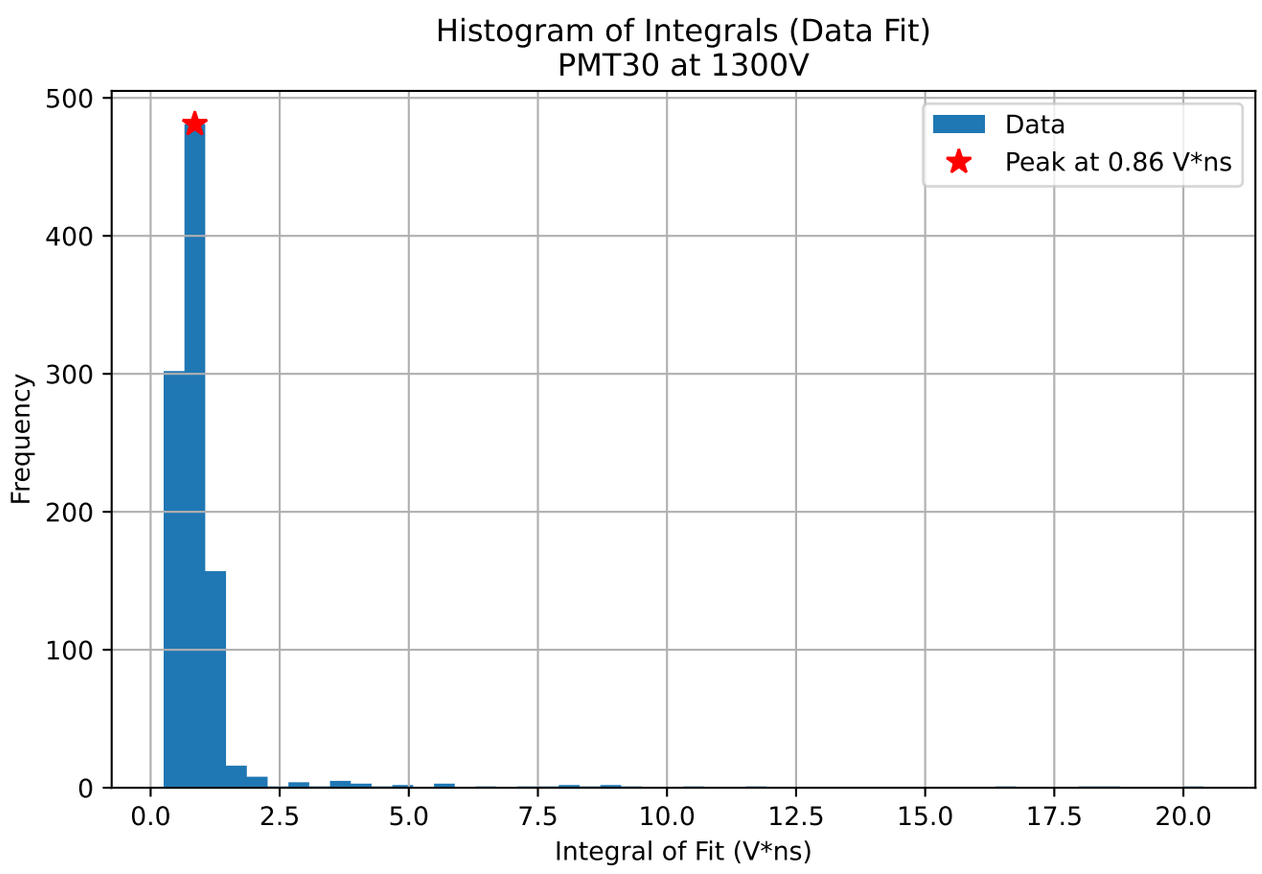

Histogram of Max Heights (Data Fit)
PMT30 at 1200V
Data
Peak at 0.04 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
0.0
0.2
0.4
0.6
0.8

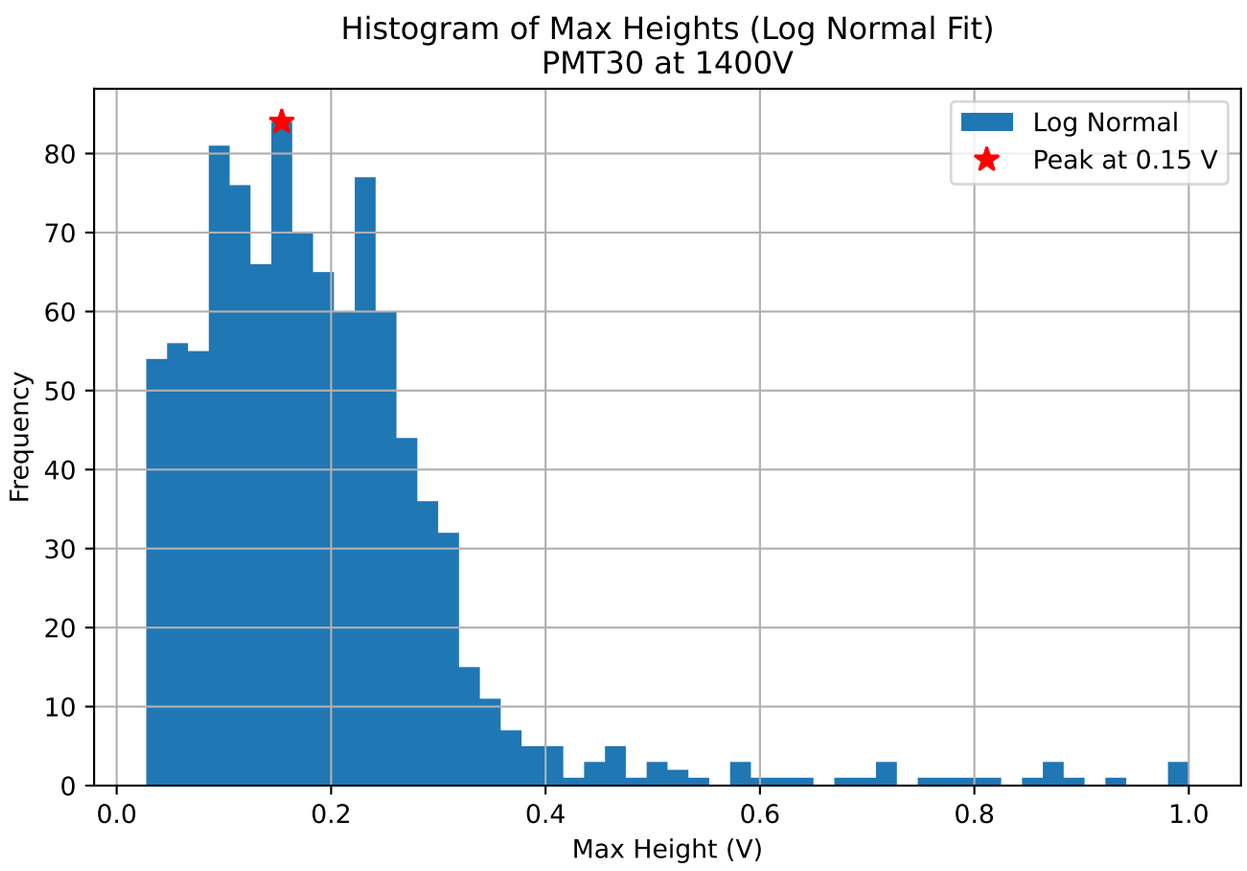

Histogram of Integrals (Data Fit)
PMT30 at 1200V
Data
Peak at 0.54 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
−2.5
0.0
2.5
5.0
7.5
10.0
12.5
15.0

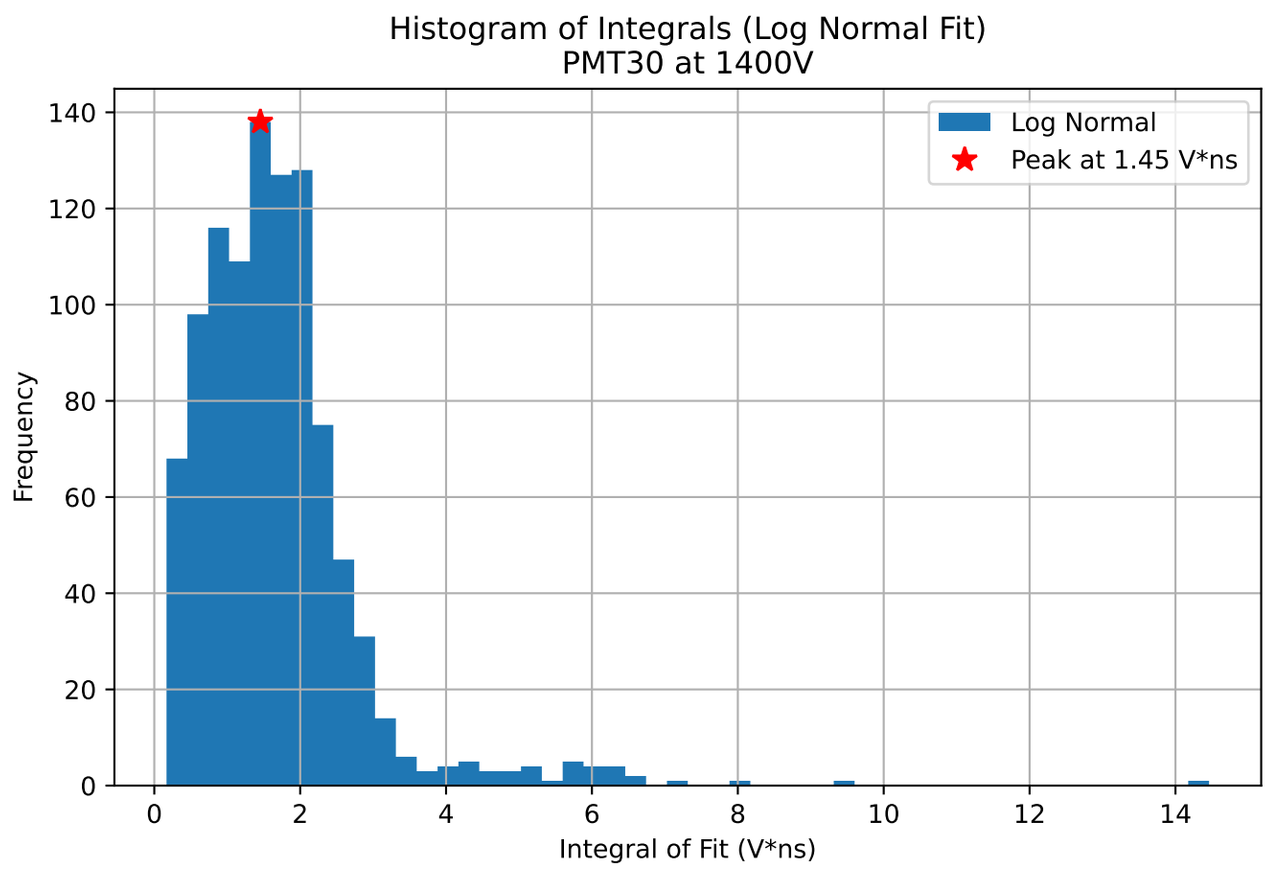

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1300V
Log Normal
Peak at 0.07 V
Frequency
Max Height (V)
0
50
100
150
200
0.0
0.2
0.4
0.6
0.8
1.0

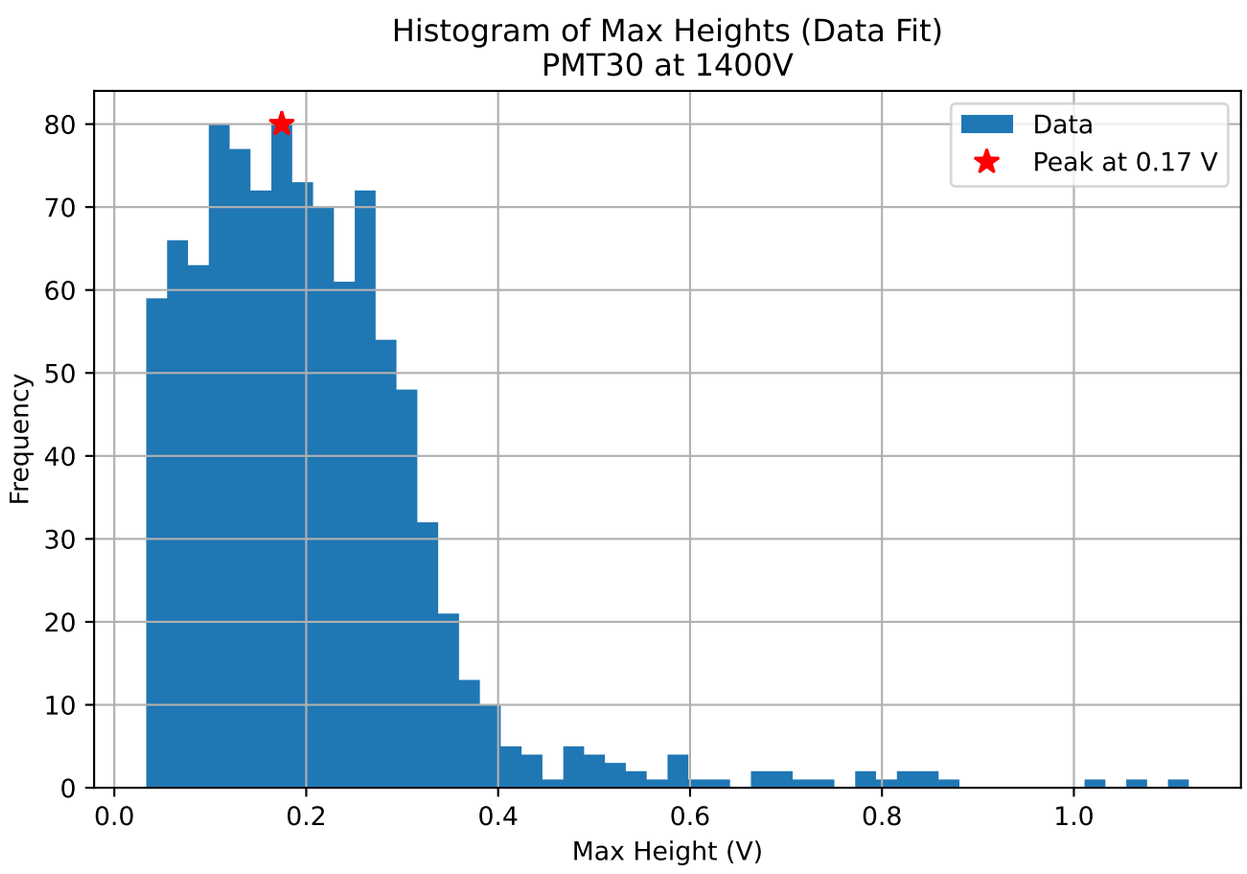

Histogram of Integrals (Log Normal Fit)
PMT30 at 1300V
Log Normal
Peak at 0.78 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
0
2
4
6
8

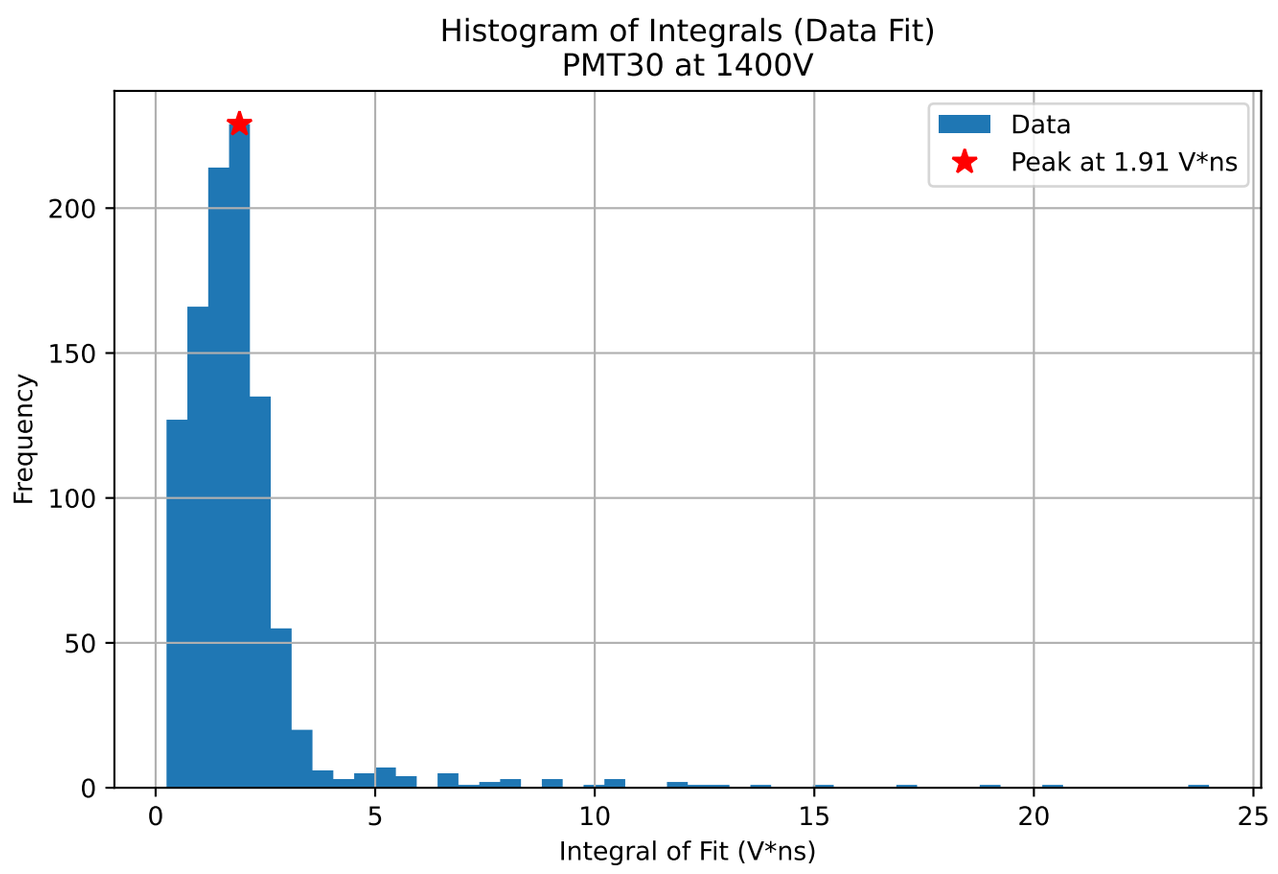

Histogram of Max Heights (Data Fit)
PMT30 at 1300V
Data
Peak at 0.08 V
Frequency
Max Height (V)
0
25
50
75
100
125
150
175
200
0.0
0.2
0.4
0.6
0.8
1.0

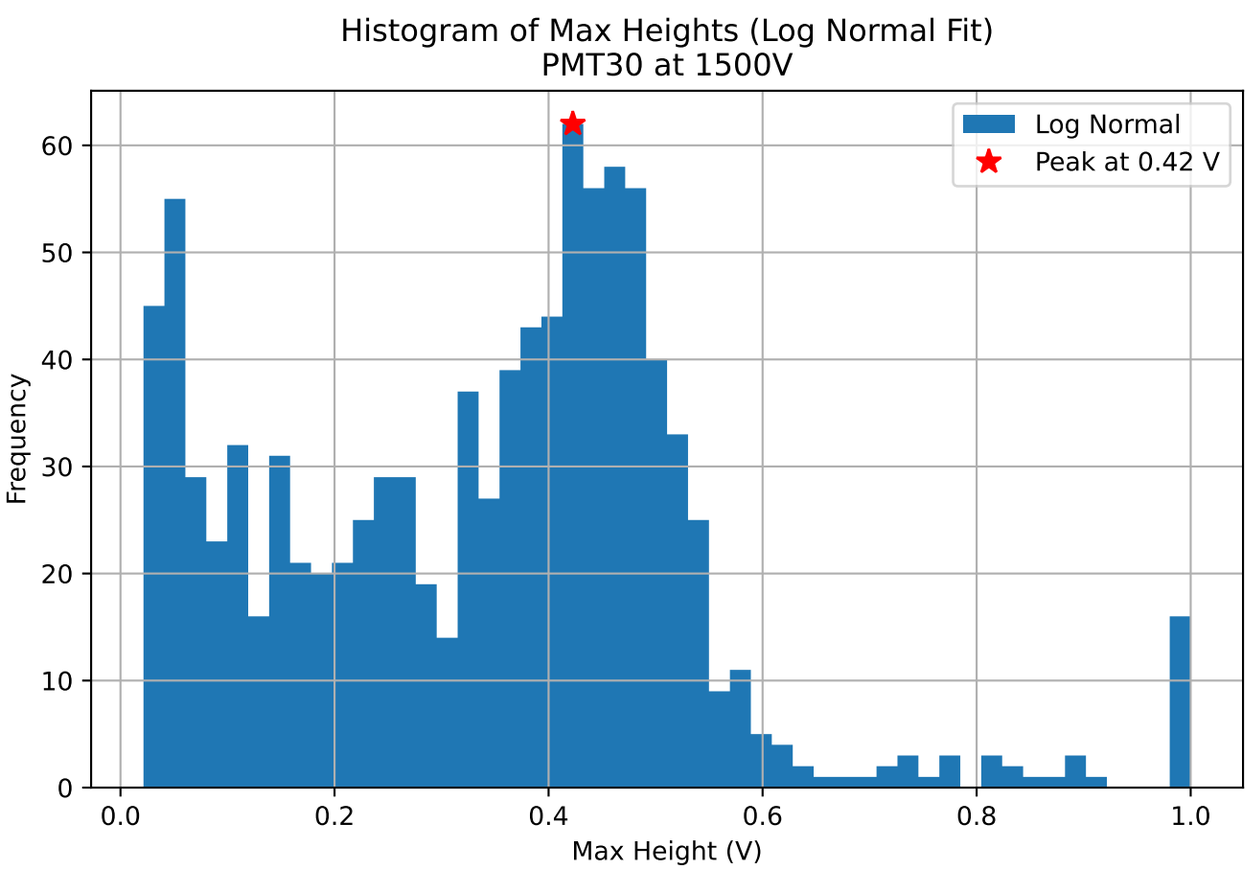

Histogram of Integrals (Data Fit)
PMT30 at 1300V
Data
Peak at 0.86 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0

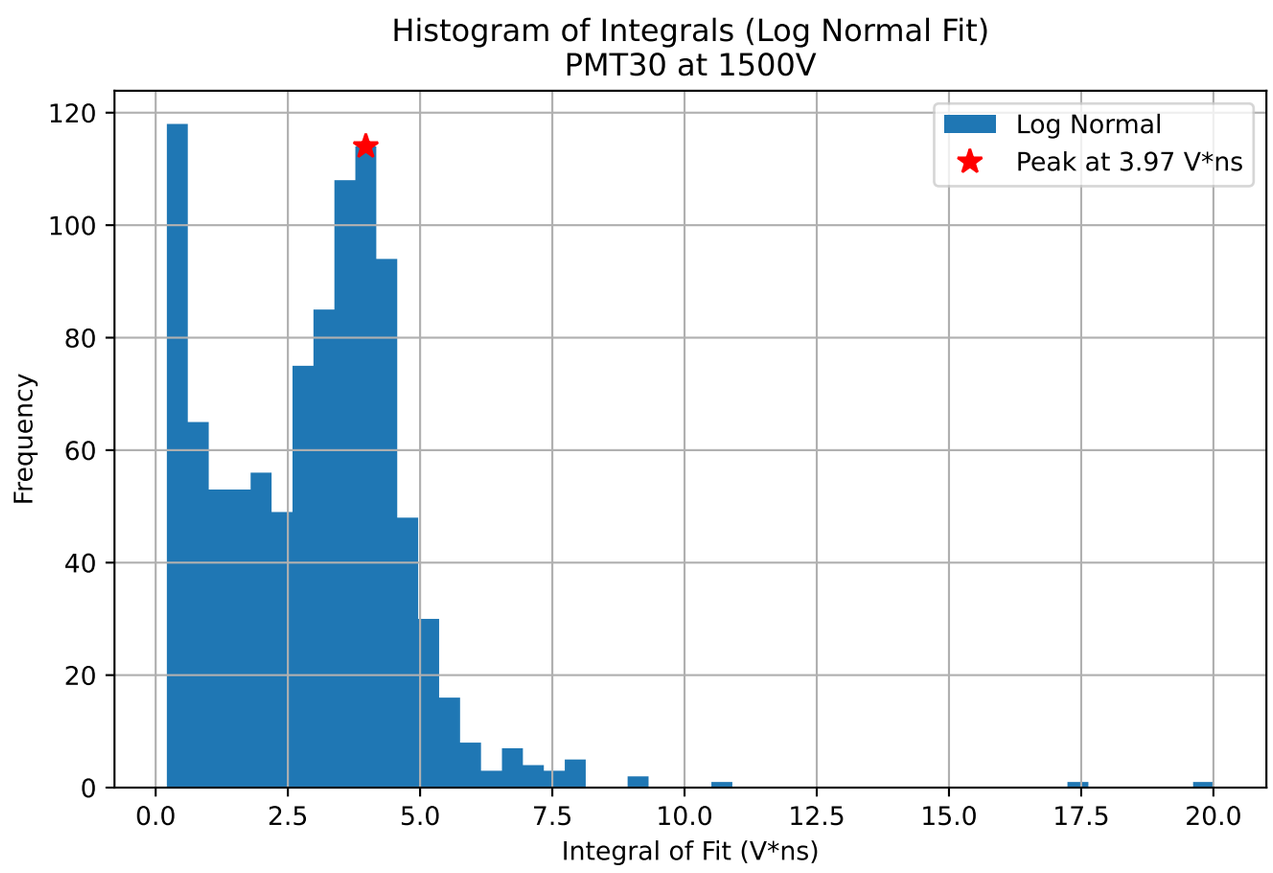

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1400V
Log Normal
Peak at 0.15 V
Frequency
Max Height (V)
0
10
20
30
40
50
60
70
80
0.0
0.2
0.4
0.6
0.8
1.0

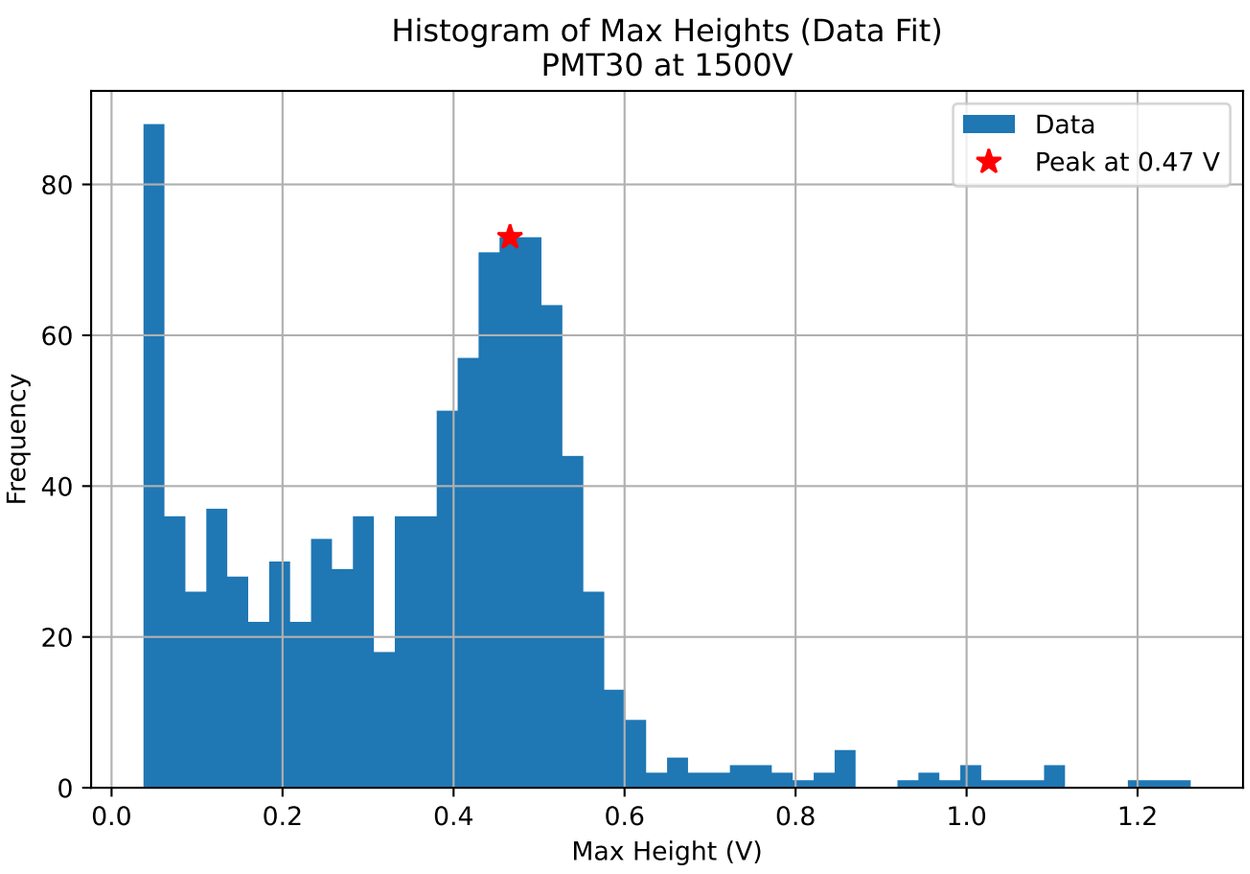

Histogram of Integrals (Log Normal Fit)
PMT30 at 1400V
Log Normal
Peak at 1.45 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
0
2
4
6
8
10
12
14

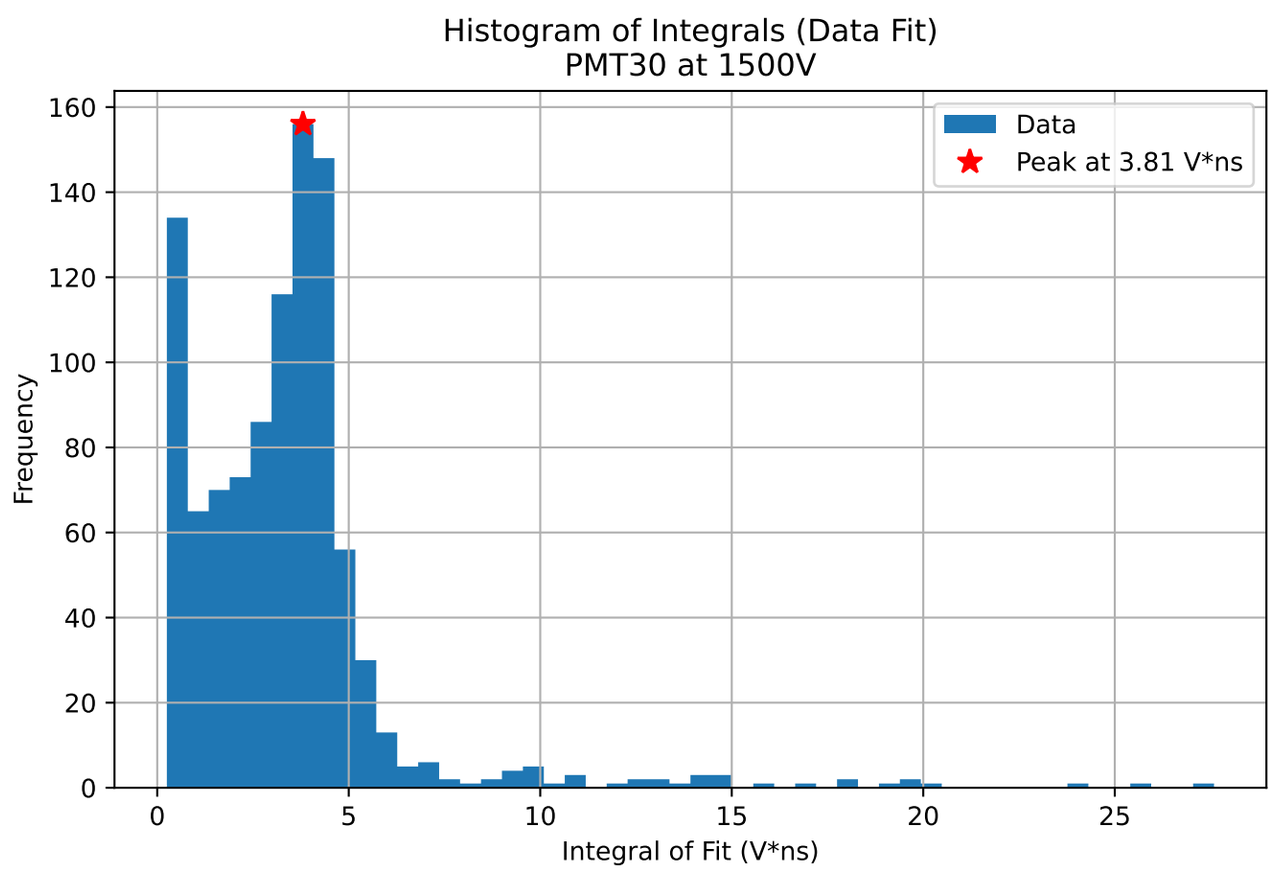

Histogram of Max Heights (Data Fit)
PMT30 at 1400V
Data
Peak at 0.17 V
Frequency
Max Height (V)
0
10
20
30
40
50
60
70
80
0.0
0.2
0.4
0.6
0.8
1.0

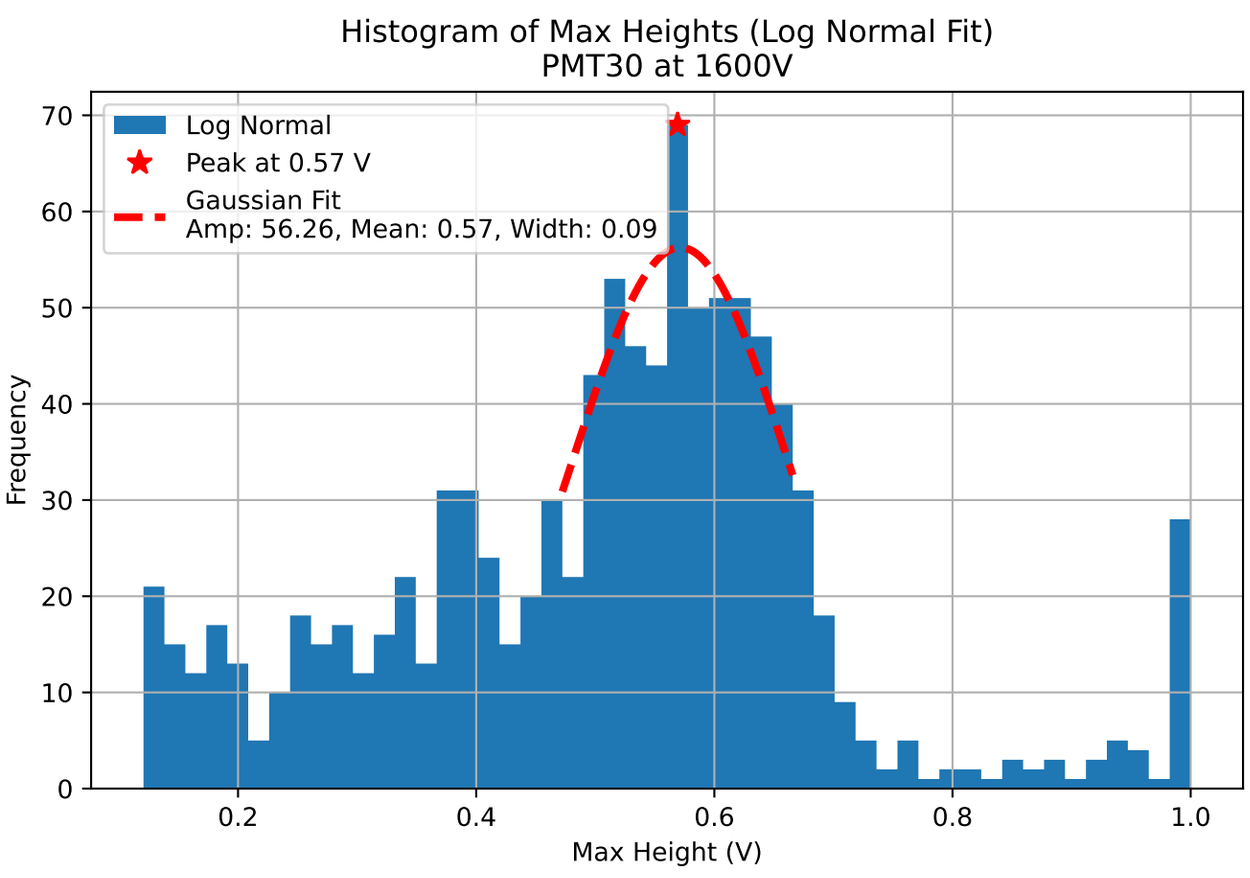

Histogram of Integrals (Data Fit)
PMT30 at 1400V
Data
Peak at 1.91 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
0
5
10
15
20
25

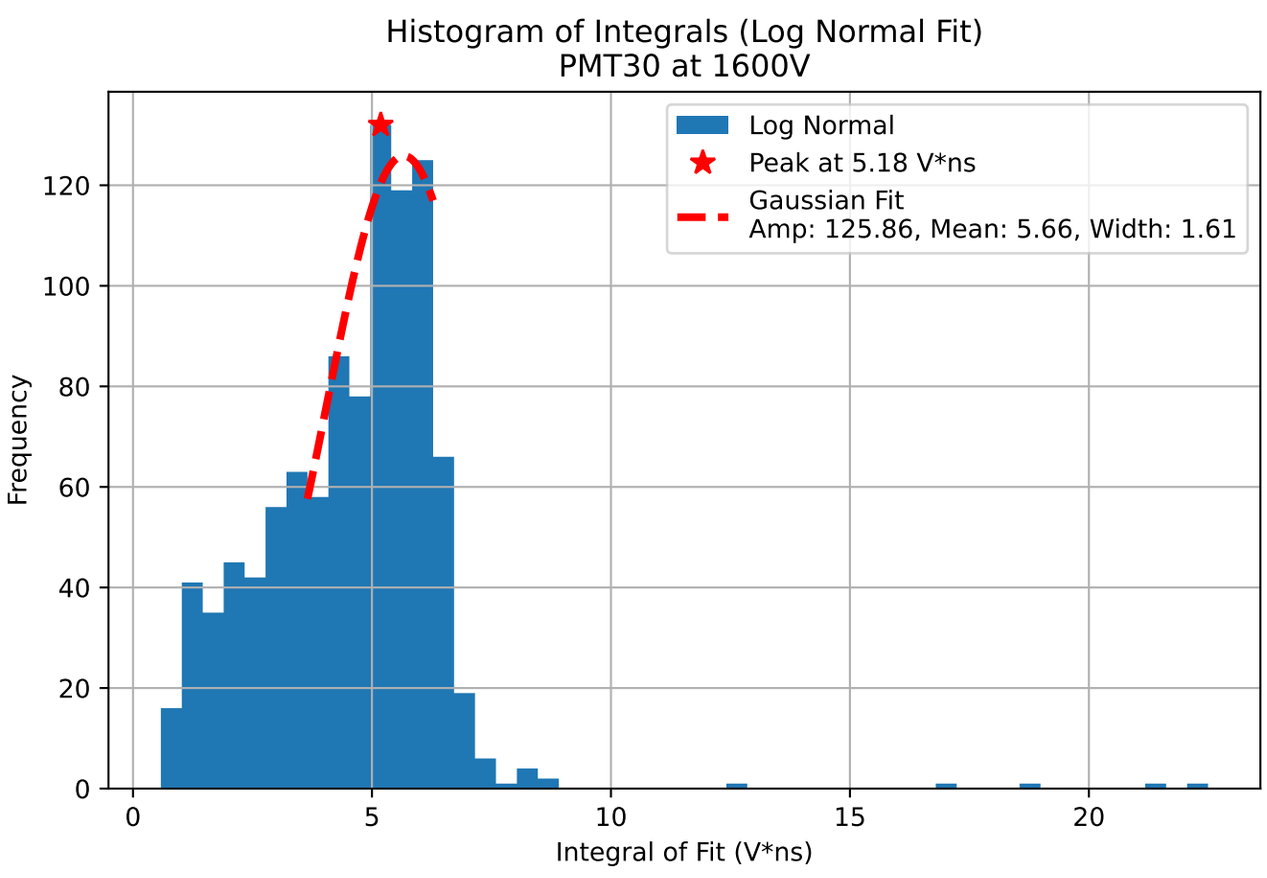

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1500V
Log Normal
Peak at 0.42 V
Frequency
Max Height (V)
0
10
20
30
40
50
60
0.0
0.2
0.4
0.6
0.8
1.0

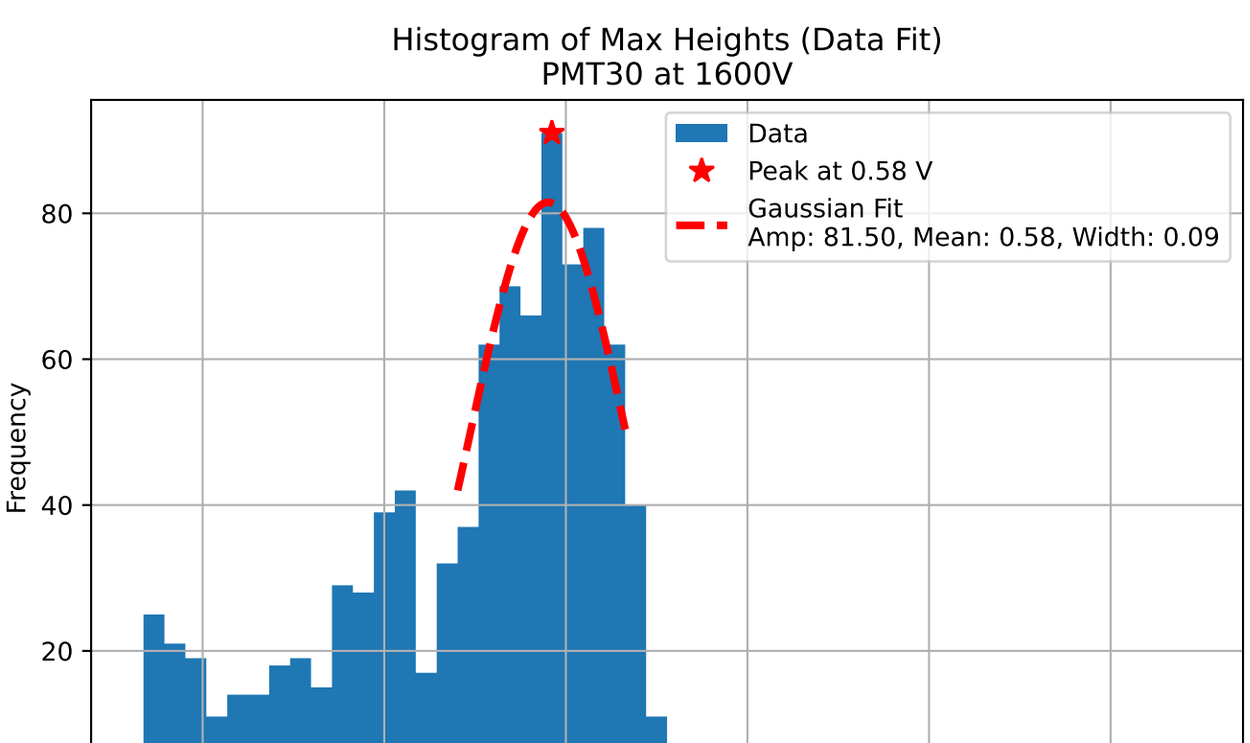

Histogram of Integrals (Log Normal Fit)
PMT30 at 1500V
Log Normal
Peak at 3.97 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0

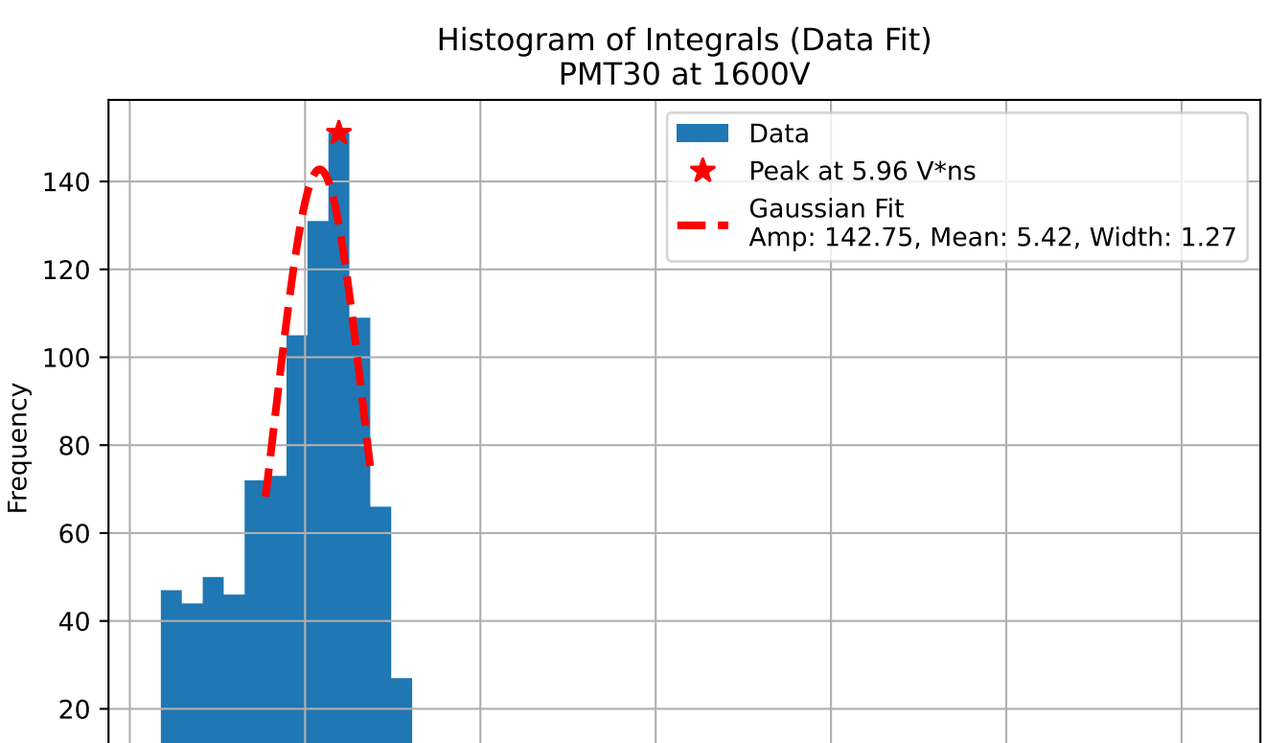

Histogram of Max Heights (Data Fit)
PMT30 at 1500V
Data
Peak at 0.47 V
Frequency
Max Height (V)
0
20
40
60
80
0.0
0.2
0.4
0.6
0.8
1.0
1.2

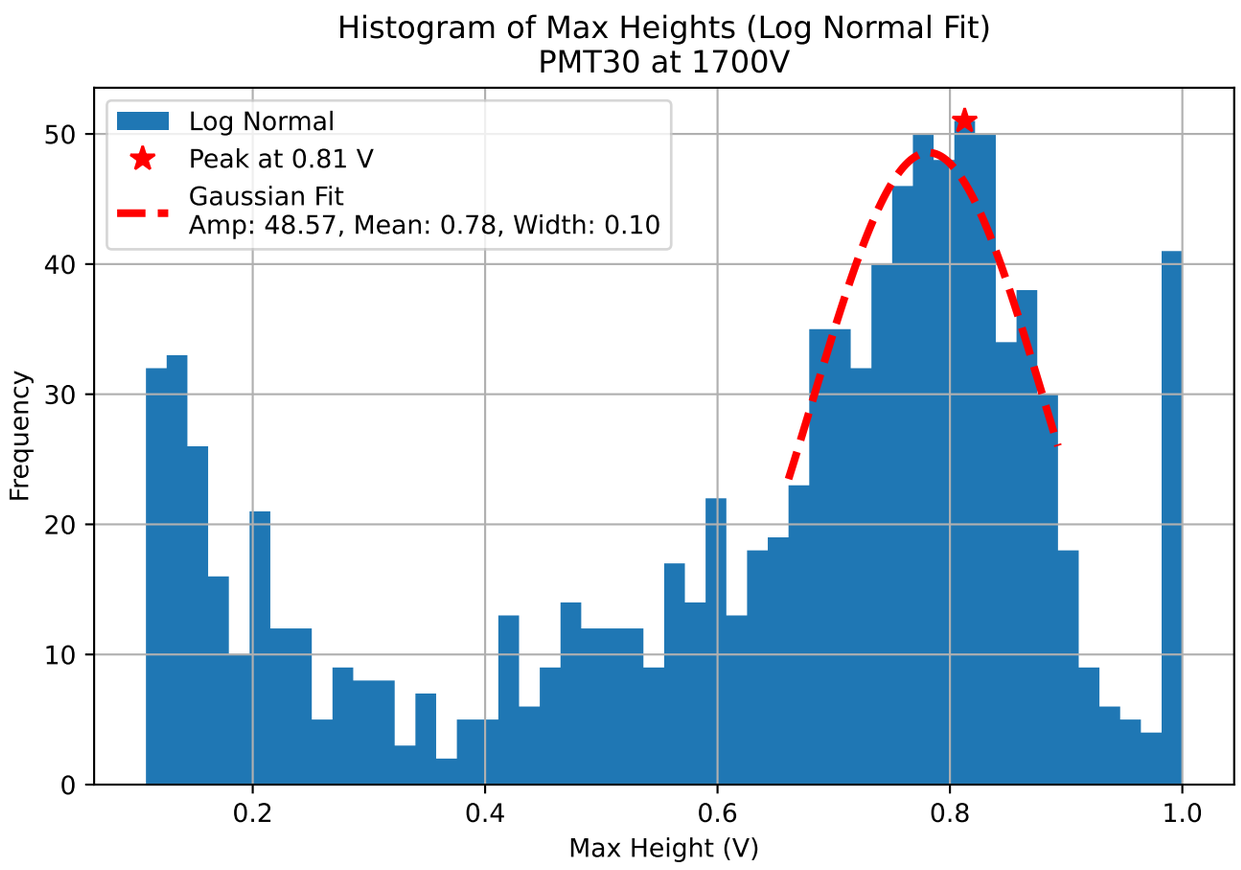

Histogram of Integrals (Data Fit)
PMT30 at 1500V
Data
Peak at 3.81 V*ns
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
140
160
0
5
10
15
20
25

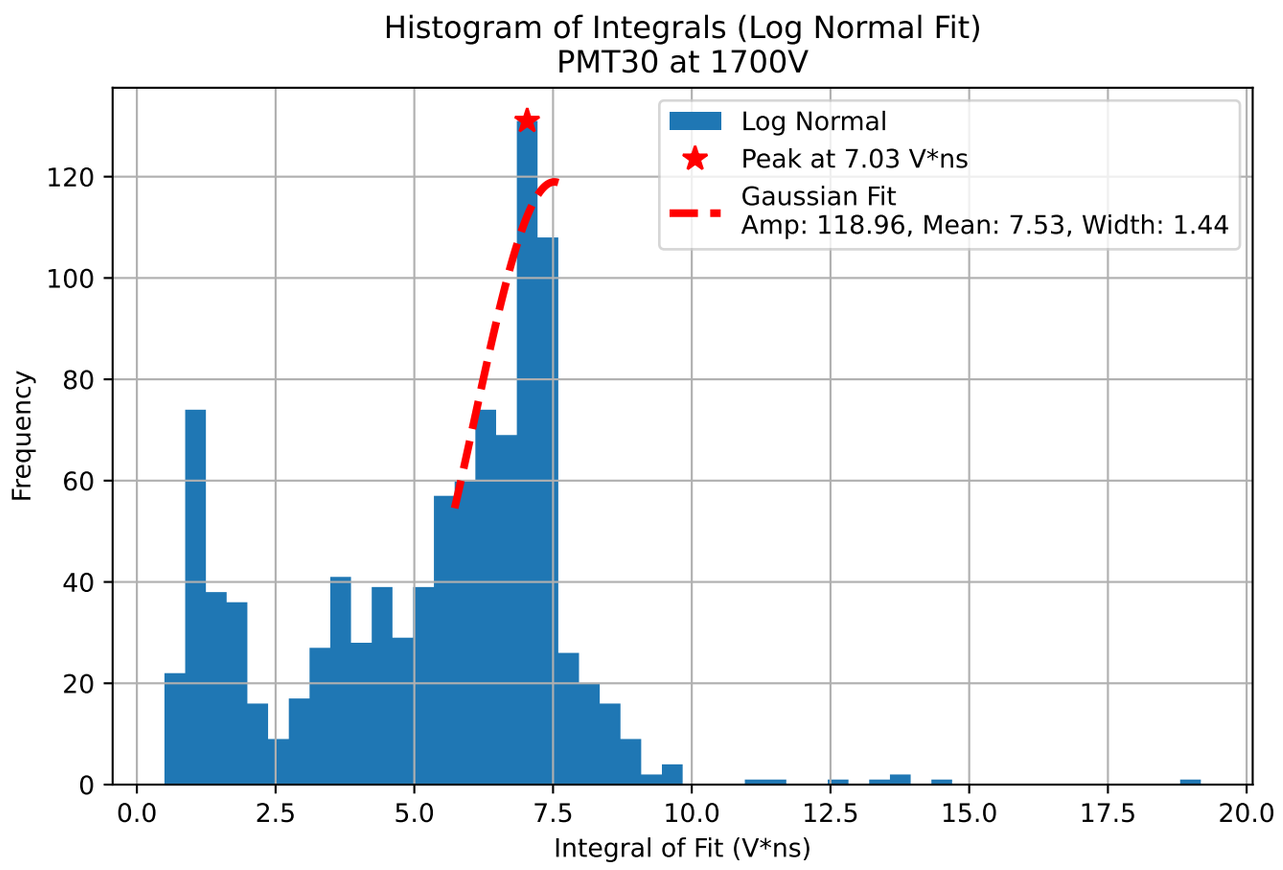

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1600V
Log Normal
Peak at 0.57 V
Gaussian Fit
Amp: 56.26, Mean: 0.57, Width: 0.09
Frequency
Max Height (V)

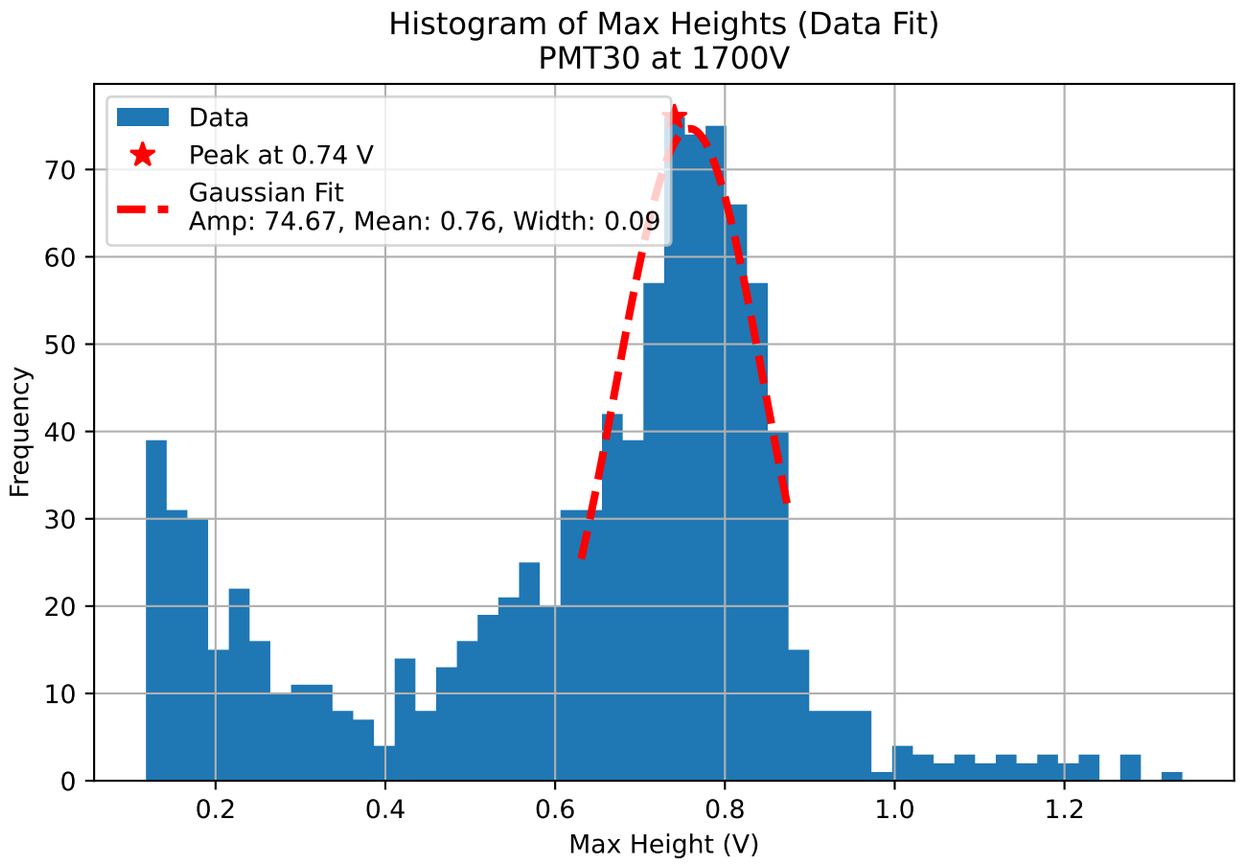

Histogram of Integrals (Log Normal Fit)
PMT30 at 1600V
Log Normal
Peak at 5.18 V*ns
Gaussian Fit
Amp: 125.86, Mean: 5.66, Width: 1.61
Frequency
Integral of Fit (V*ns)

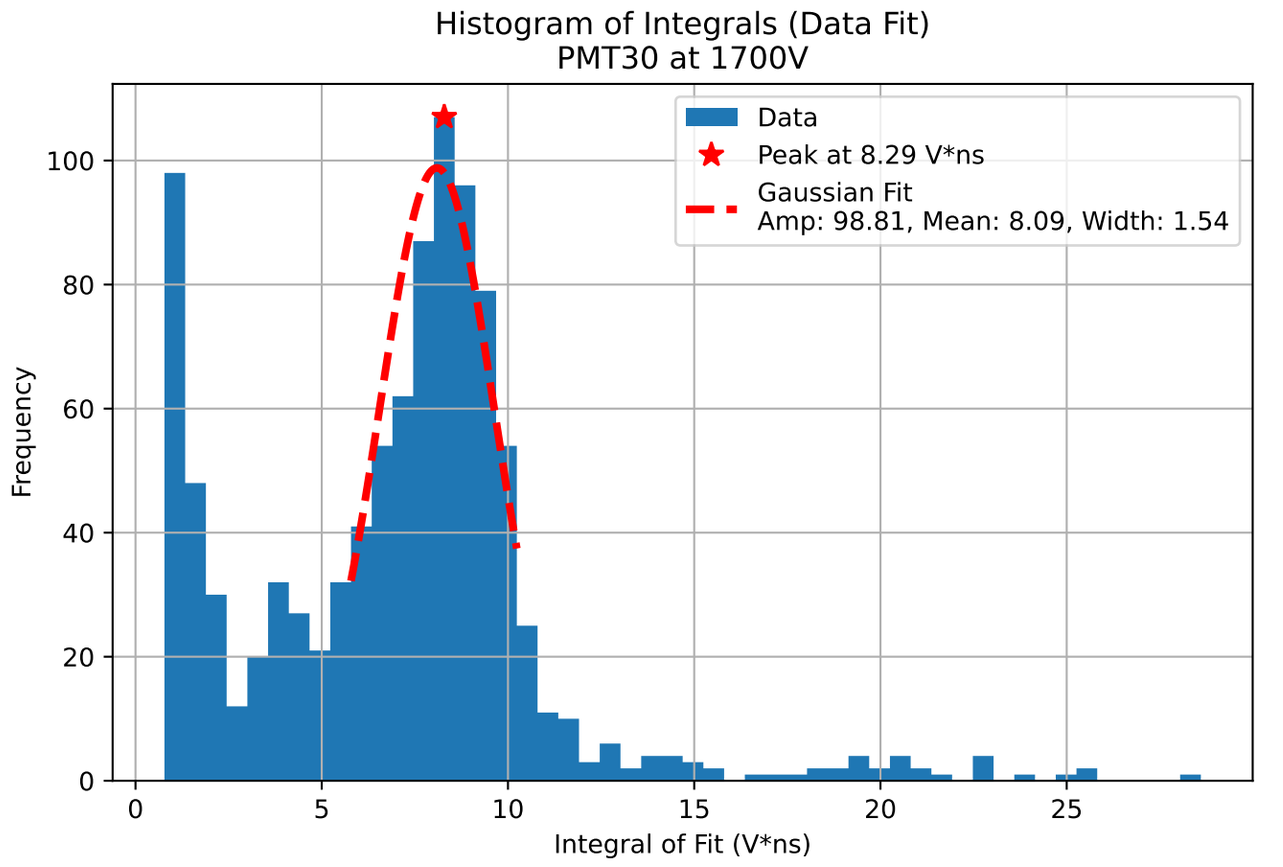

Histogram of Max Heights (Data Fit)
PMT30 at 1600V
Data
Peak at 0.58 V
Gaussian Fit
Amp: 81.50, Mean: 0.58, Width: 0.09
Frequency
Max Height (V)

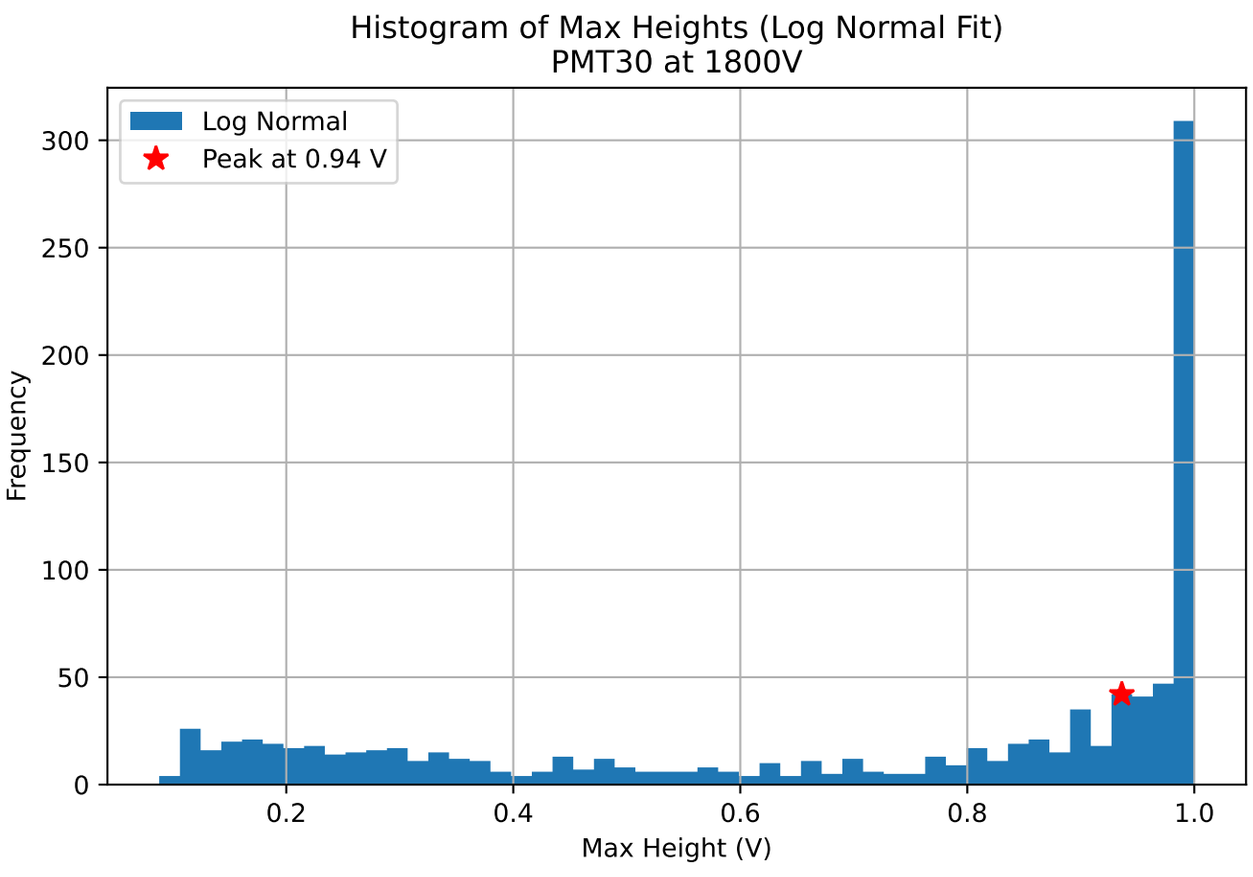

Histogram of Integrals (Data Fit)
PMT30 at 1600V
Data
Peak at 5.96 V*ns
Gaussian Fit
Amp: 142.75, Mean: 5.42, Width: 1.27
Frequency
Integral of Fit (V*ns)

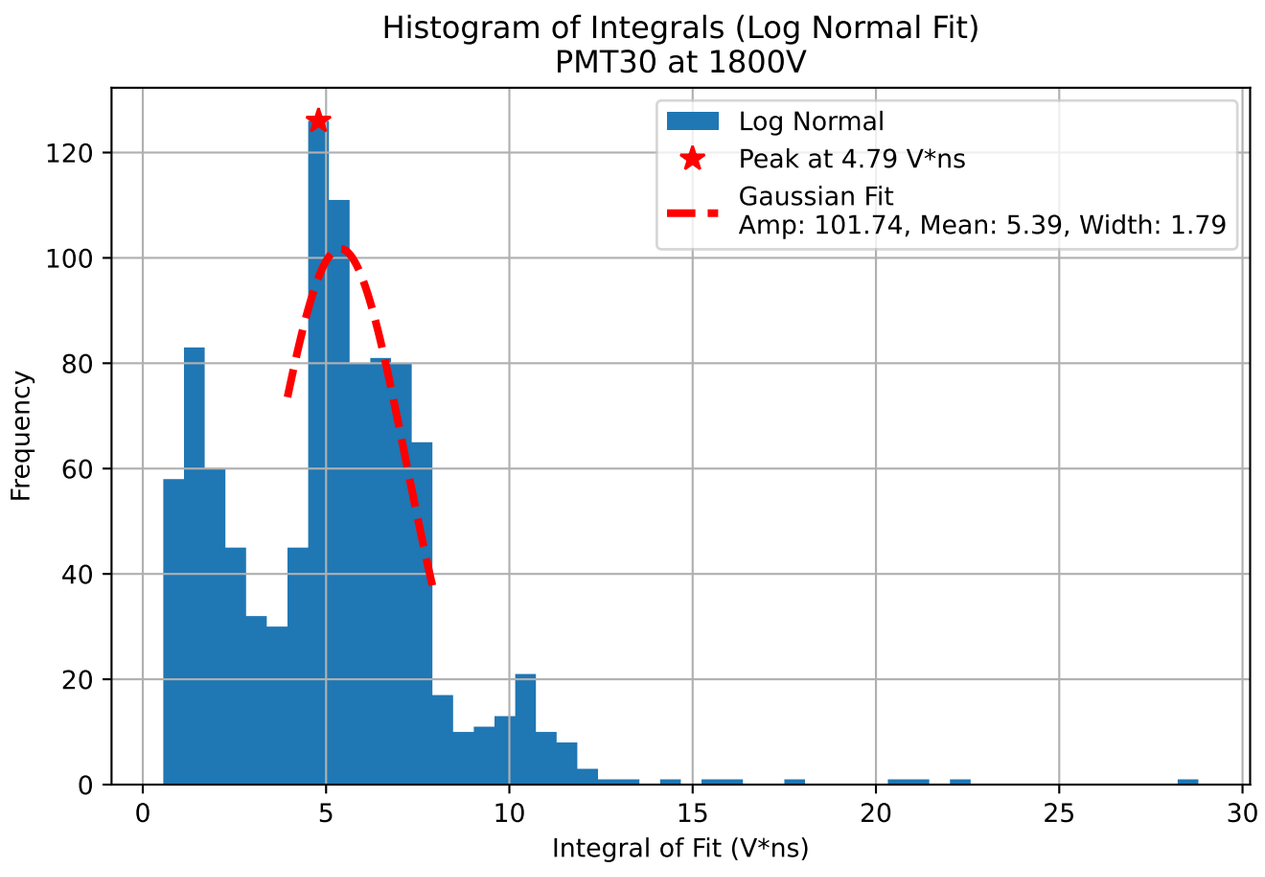

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1700V
Log Normal
Peak at 0.81 V
Gaussian Fit
Amp: 48.57, Mean: 0.78, Width: 0.10
Frequency
Max Height (V)

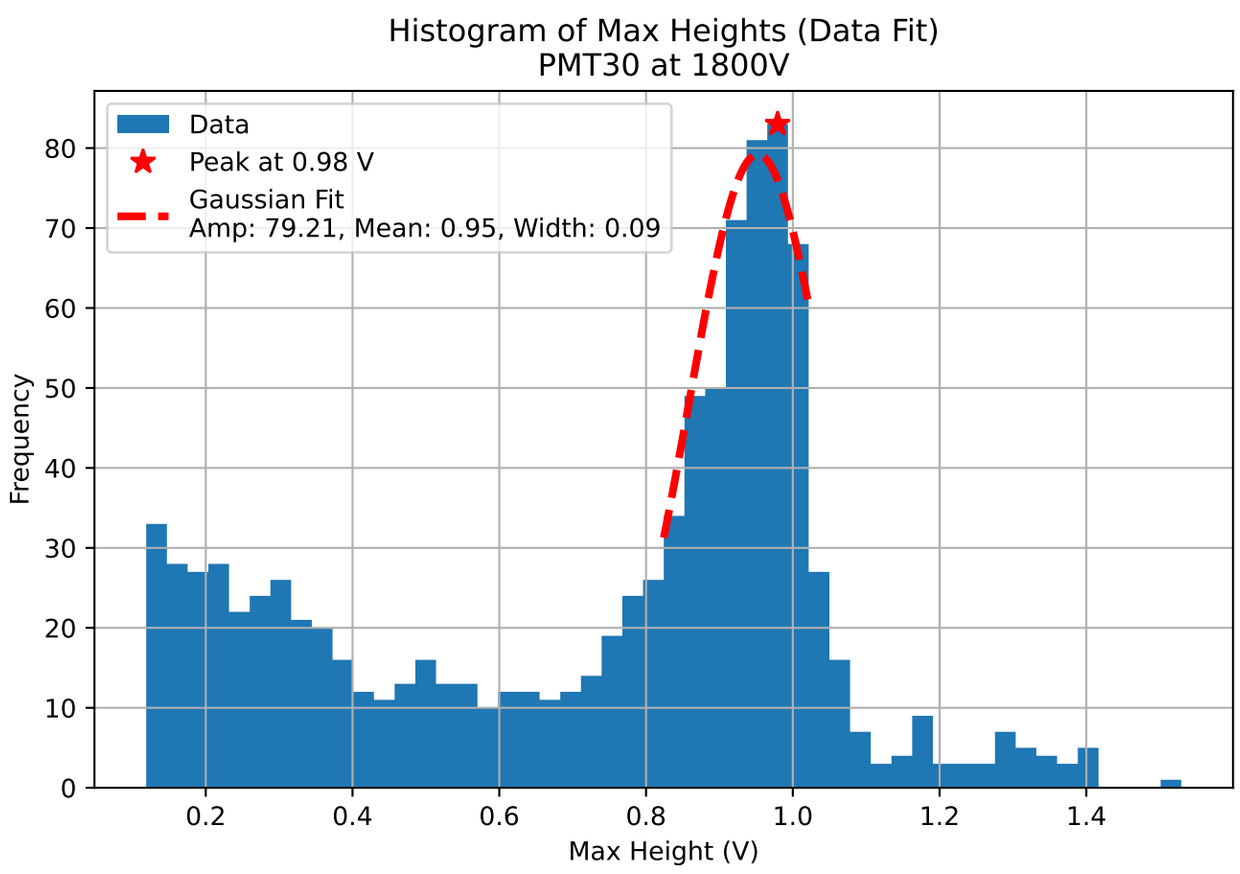

Histogram of Integrals (Log Normal Fit)
PMT30 at 1700V
Log Normal
Peak at 7.03 V*ns
Gaussian Fit
Amp: 118.96, Mean: 7.53, Width: 1.44
Frequency
Integral of Fit (V*ns)

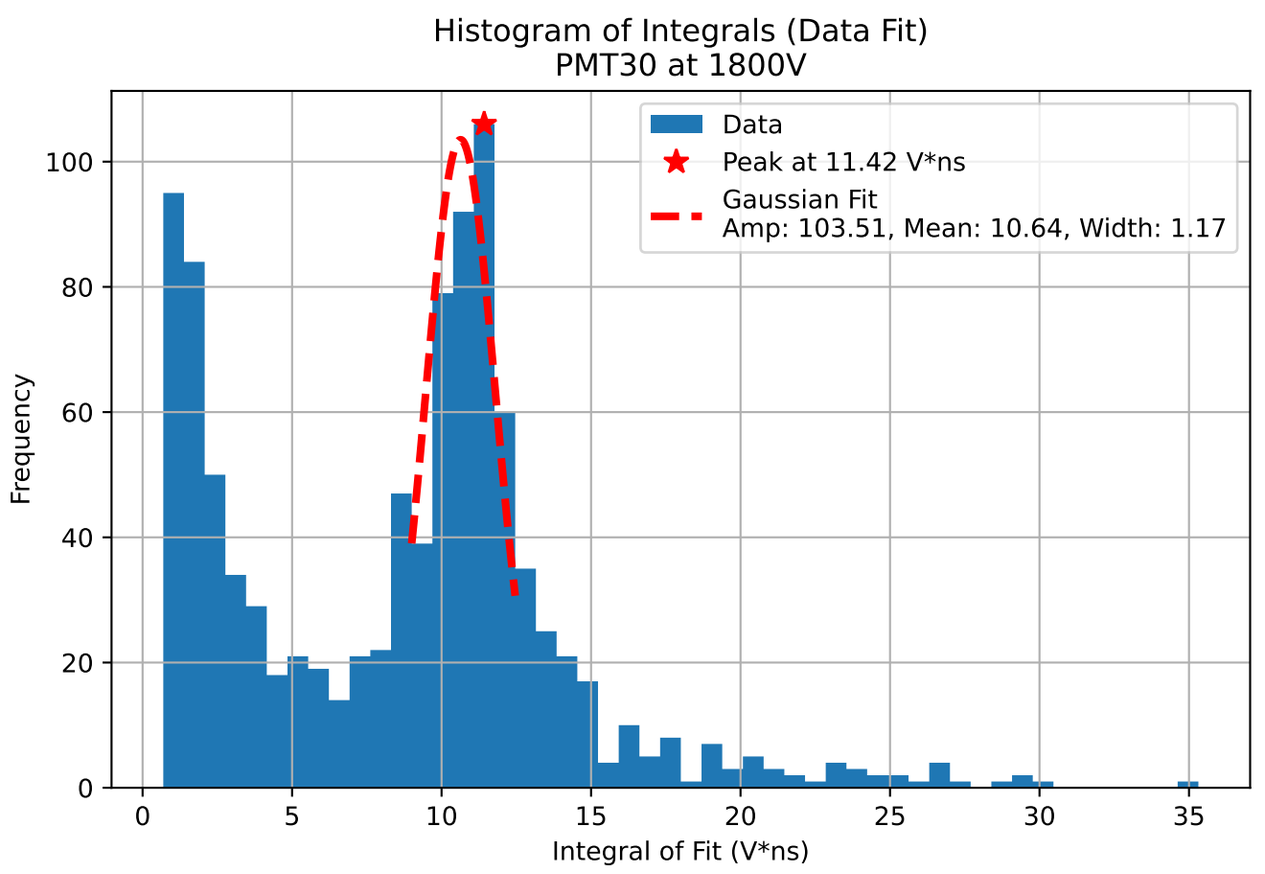

Histogram of Max Heights (Data Fit)
PMT30 at 1700V
Data
Peak at 0.74 V
Gaussian Fit
Amp: 74.67, Mean: 0.76, Width: 0.09
Frequency
Max Height (V)

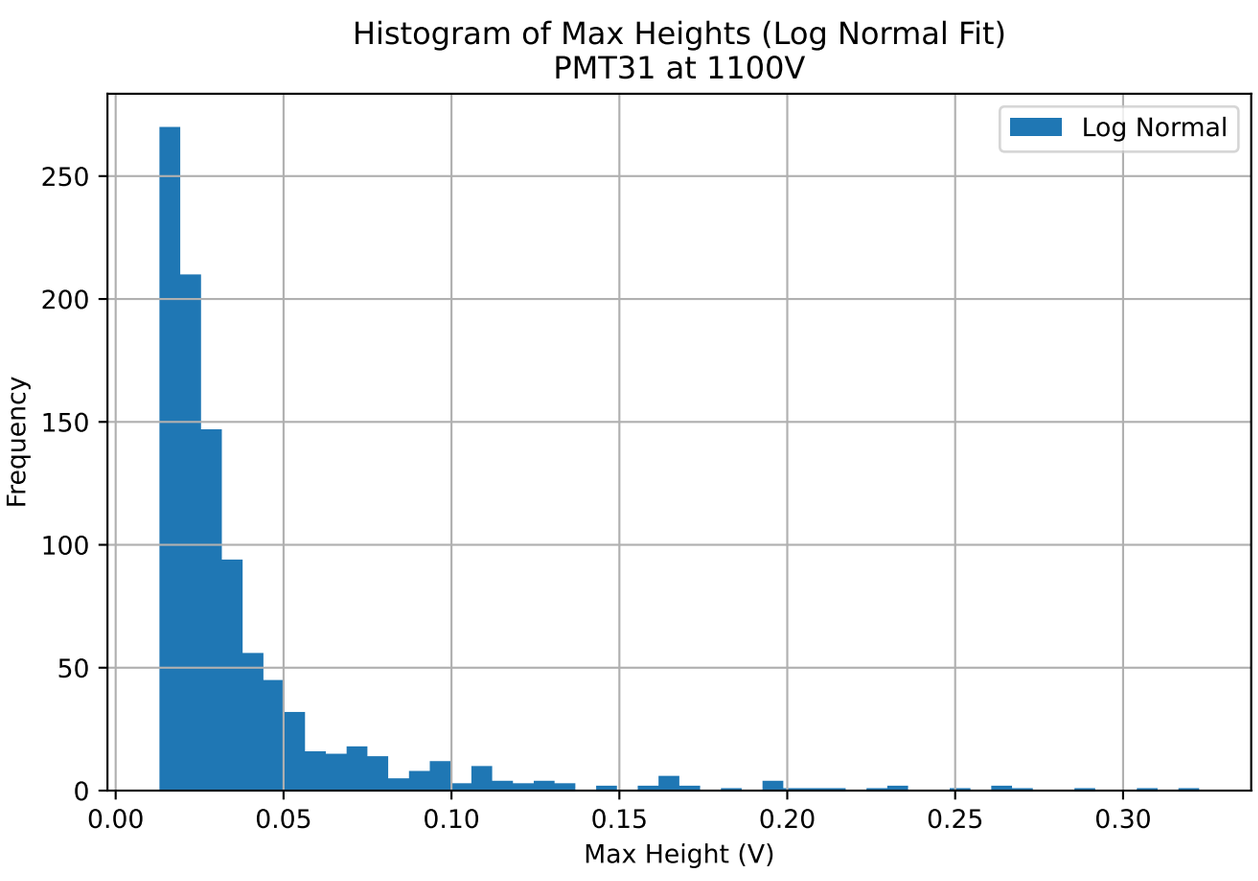

Histogram of Integrals (Data Fit)
PMT30 at 1700V
Data
Peak at 8.29 V*ns
Gaussian Fit
Amp: 98.81, Mean: 8.09, Width: 1.54
Frequency
Integral of Fit (V*ns)

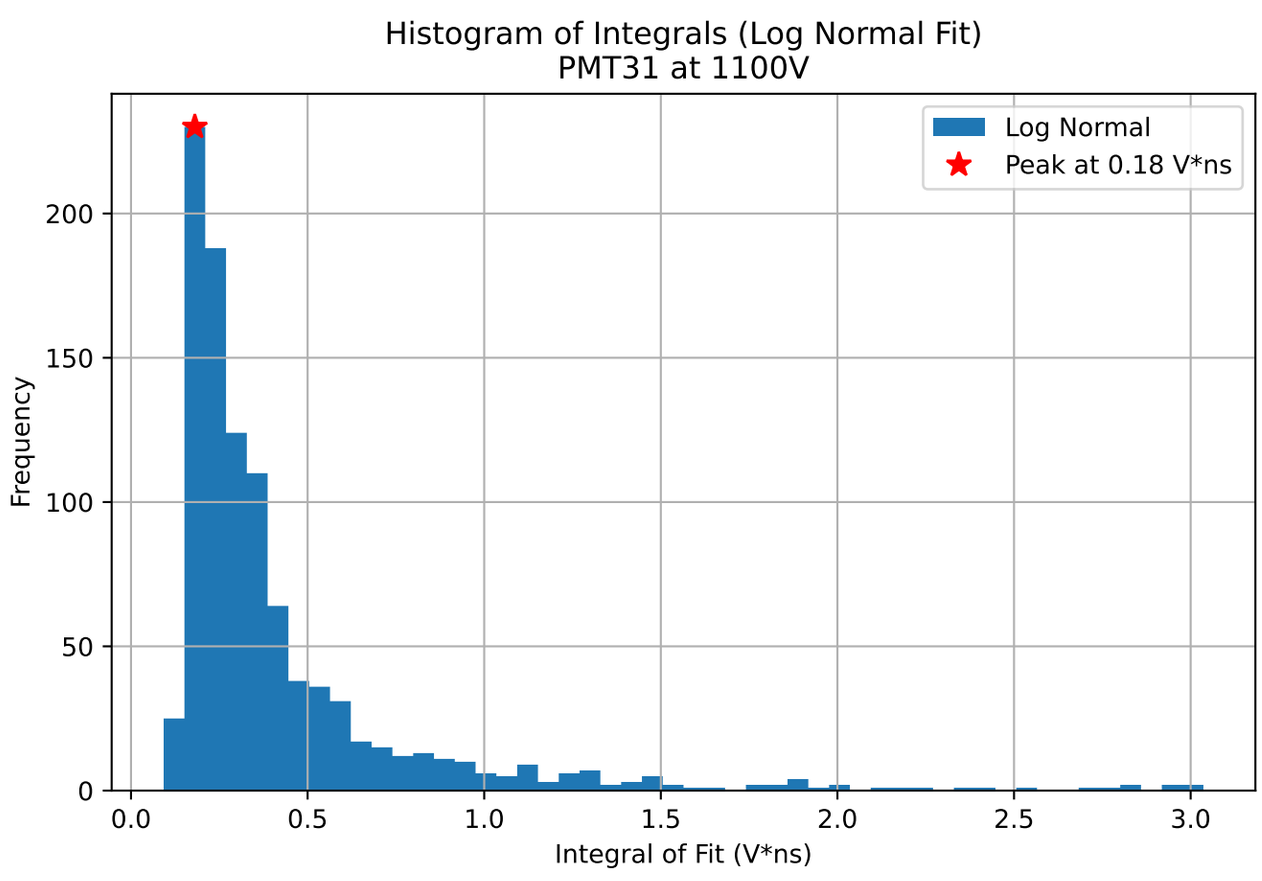

Histogram of Max Heights (Log Normal Fit)
PMT30 at 1800V
Log Normal
Peak at 0.94 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
0.2
0.4
0.6
0.8
1.0

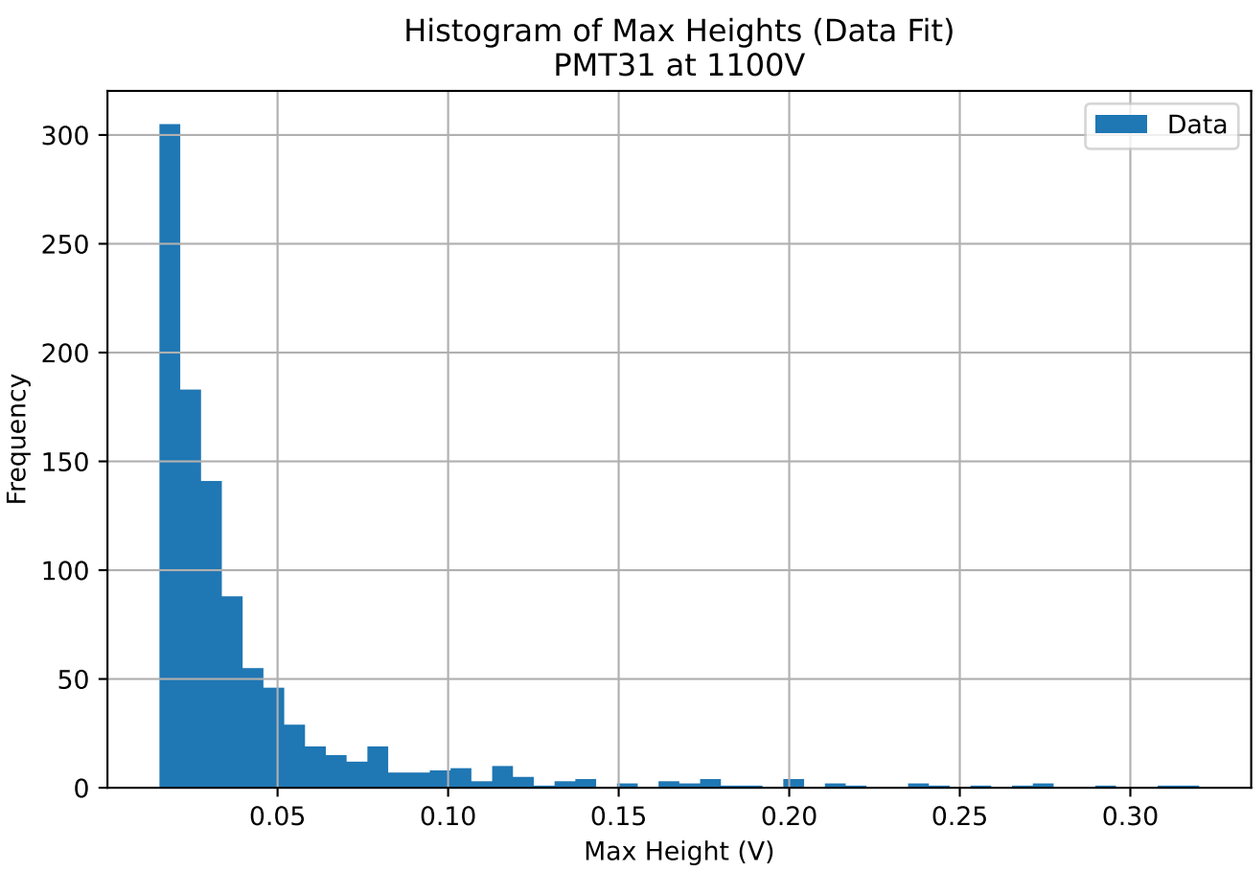

Histogram of Integrals (Log Normal Fit)
PMT30 at 1800V
Log Normal
Peak at 4.79 V*ns
Gaussian Fit
Amp: 101.74, Mean: 5.39, Width: 1.79
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
120
0
5
10
15
20
25
30

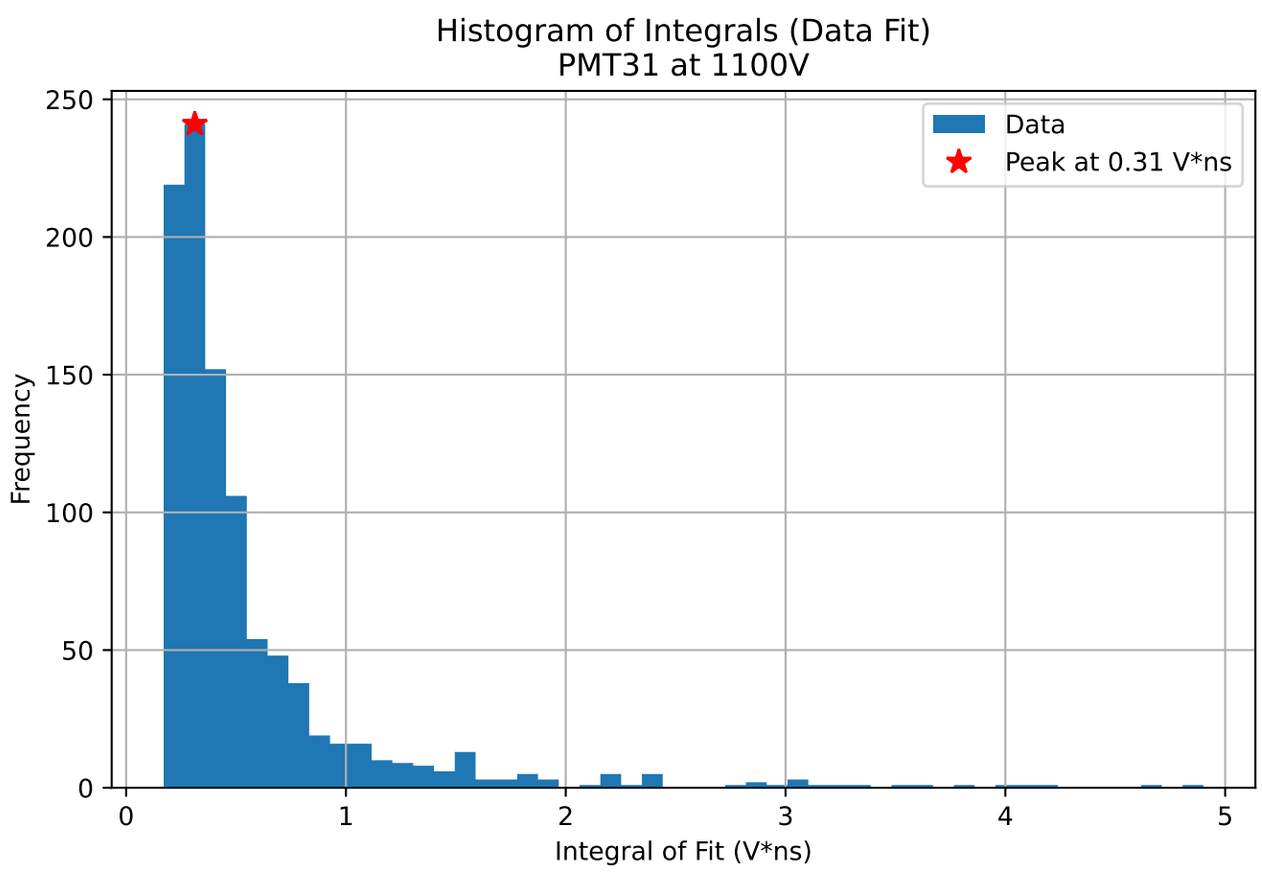

Histogram of Max Heights (Data Fit)
PMT30 at 1800V
Data
Peak at 0.98 V
Gaussian Fit
Amp: 79.21, Mean: 0.95, Width: 0.09
Frequency
Max Height (V)
0
10
20
30
40
50
60
70
80
0.2
0.4
0.6
0.8
1.0
1.2
1.4

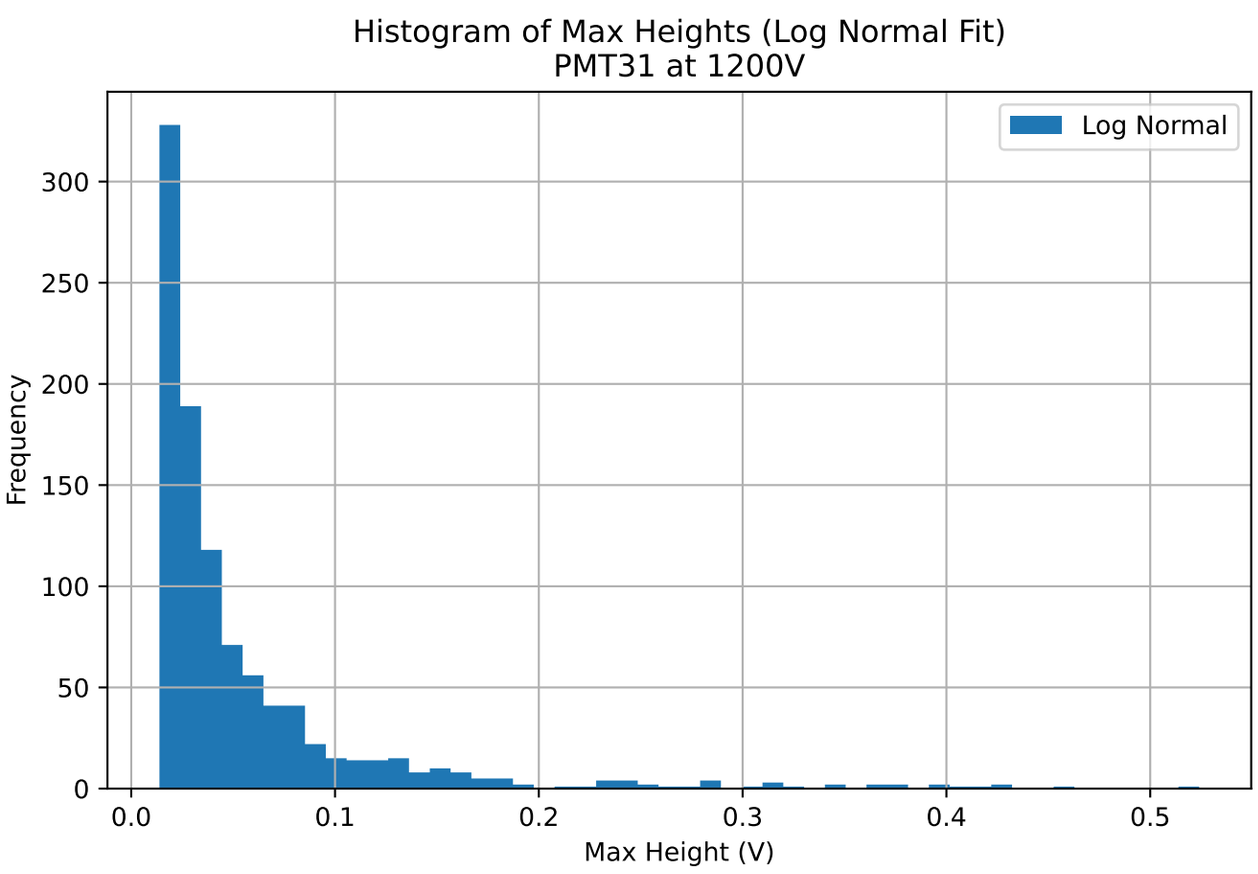

Histogram of Integrals (Data Fit)
PMT30 at 1800V
Data
Peak at 11.42 V*ns
Gaussian Fit
Amp: 103.51, Mean: 10.64, Width: 1.17
Frequency
Integral of Fit (V*ns)
0
20
40
60
80
100
0
5
10
15
20
25
30
35

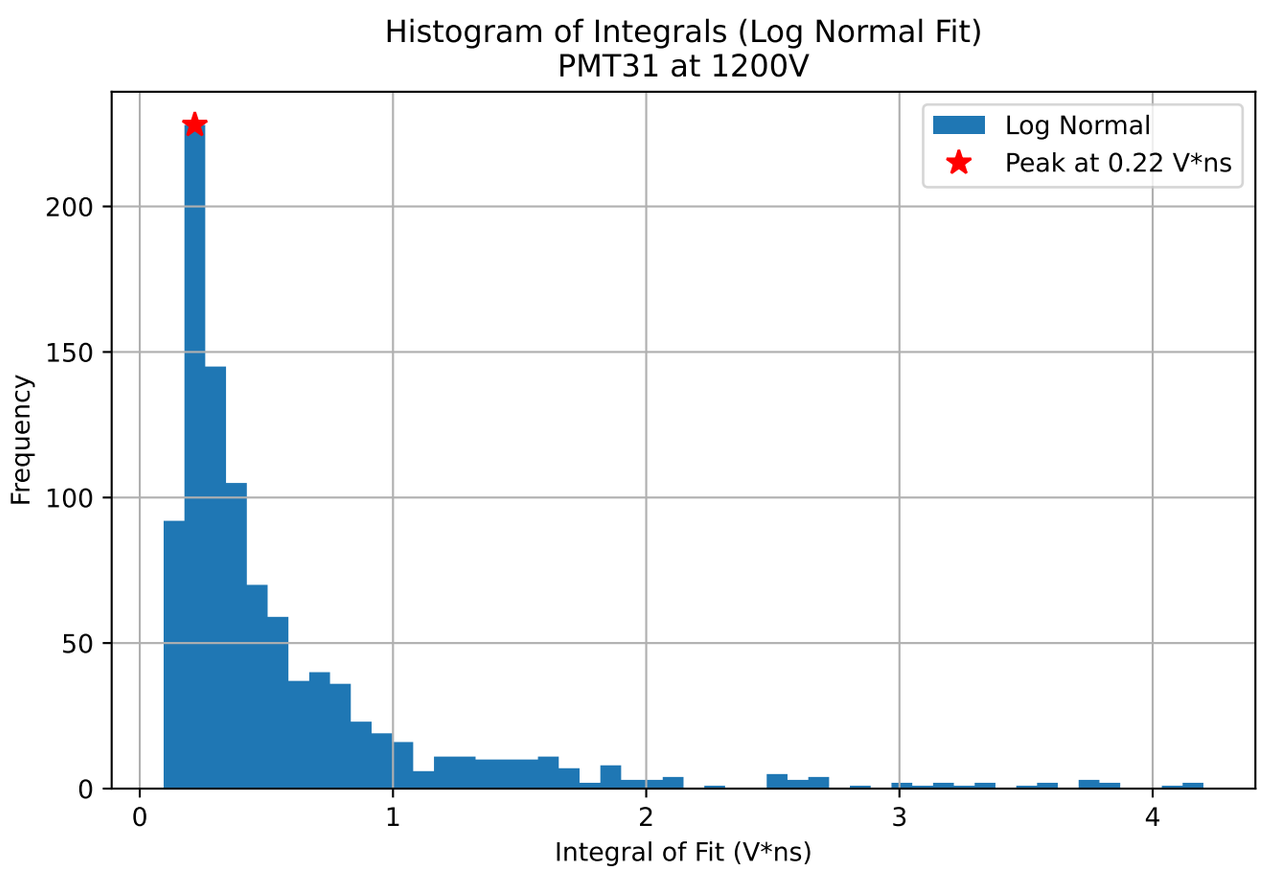

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1100V
Log Normal
Frequency
Max Height (V)
0
50
100
150
200
250
0.00
0.05
0.10
0.15
0.20
0.25
0.30

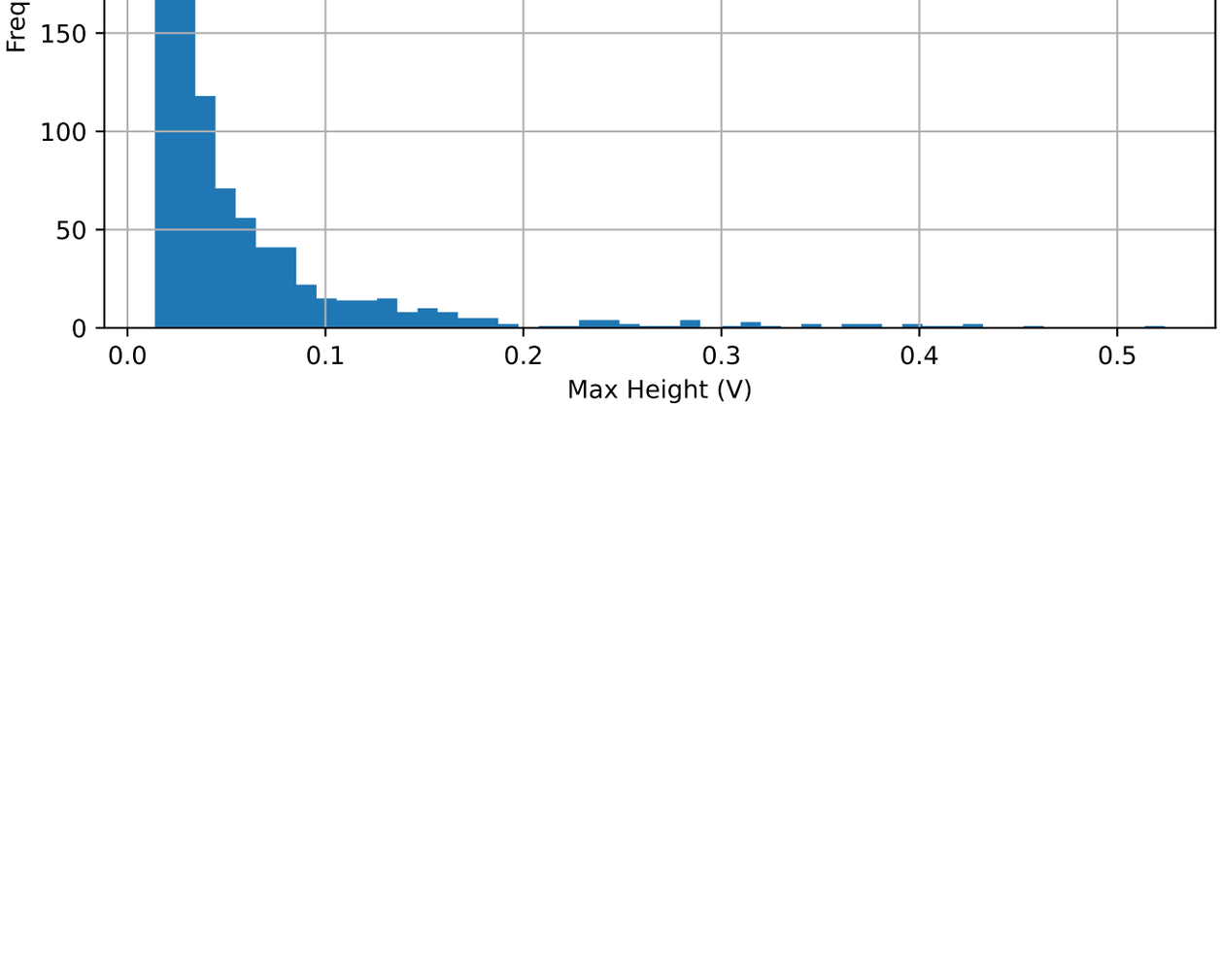

Histogram of Integrals (Log Normal Fit)
PMT31 at 1100V
Log Normal
Peak at 0.18 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
0.0
0.5
1.0
1.5
2.0
2.5
3.0

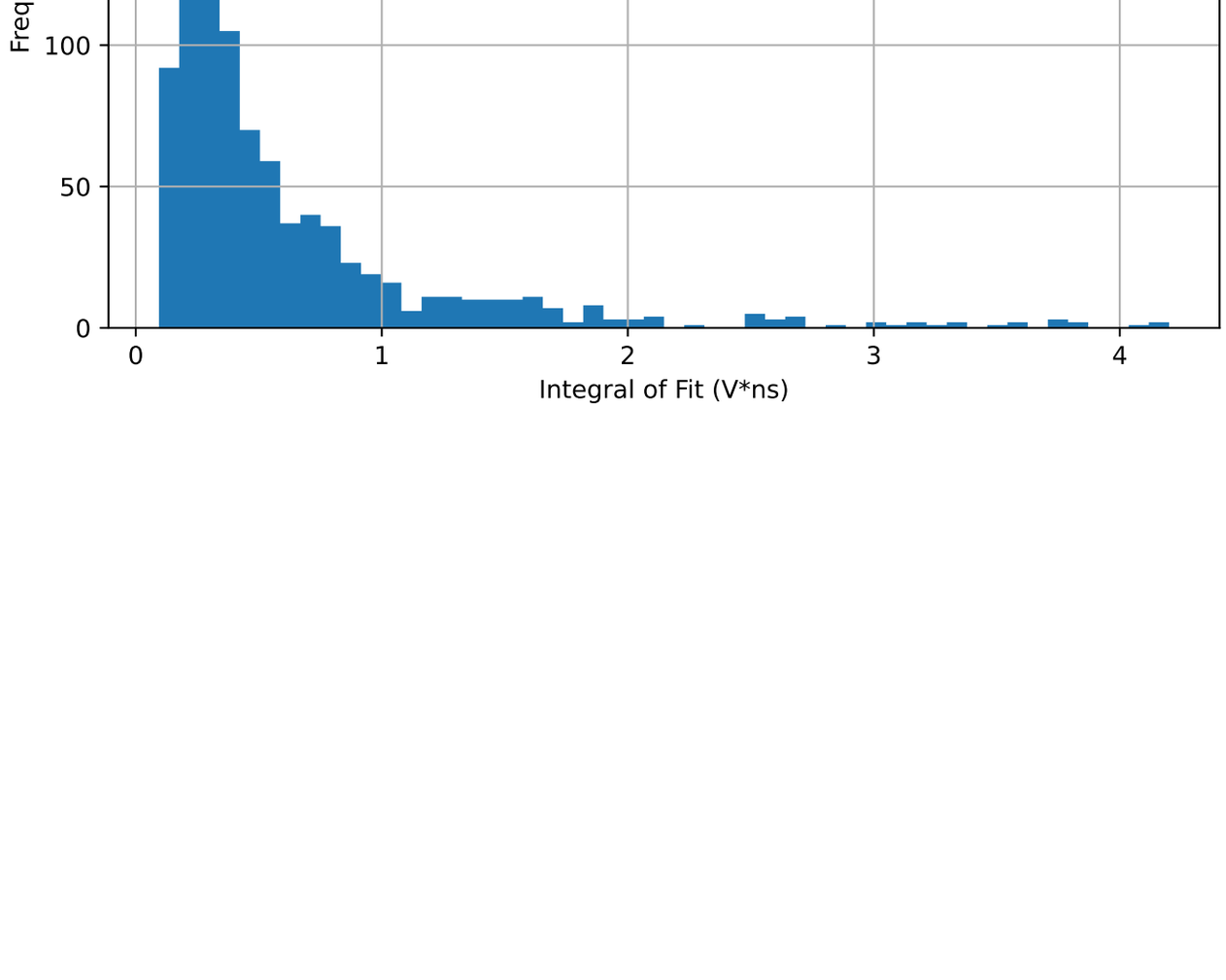

Histogram of Max Heights (Data Fit)
PMT31 at 1100V
Data
Frequency
Max Height (V)
0
50
100
150
200
250
300
0.05
0.10
0.15
0.20
0.25
0.30

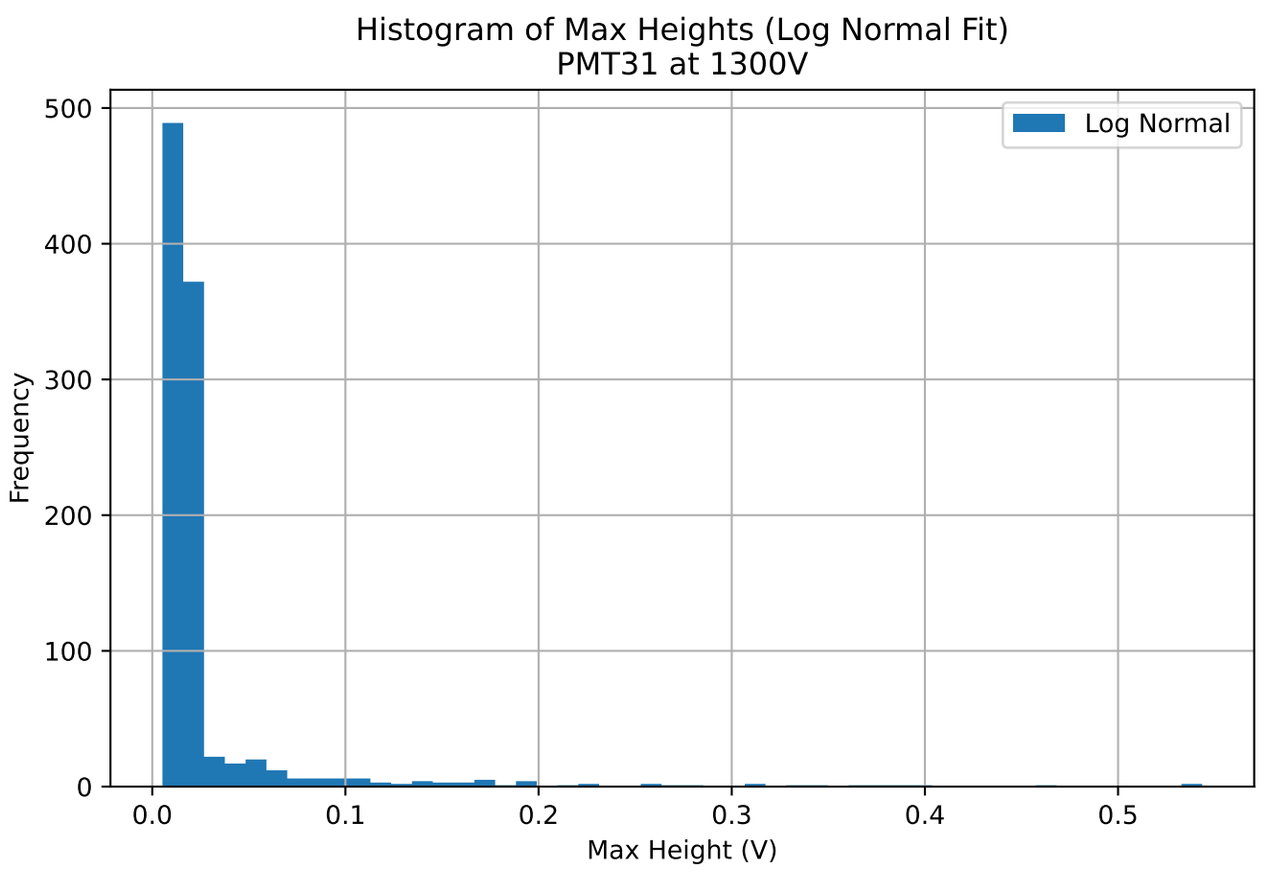

Histogram of Integrals (Data Fit)
PMT31 at 1100V
Data
Peak at 0.31 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0
1
2
3
4
5

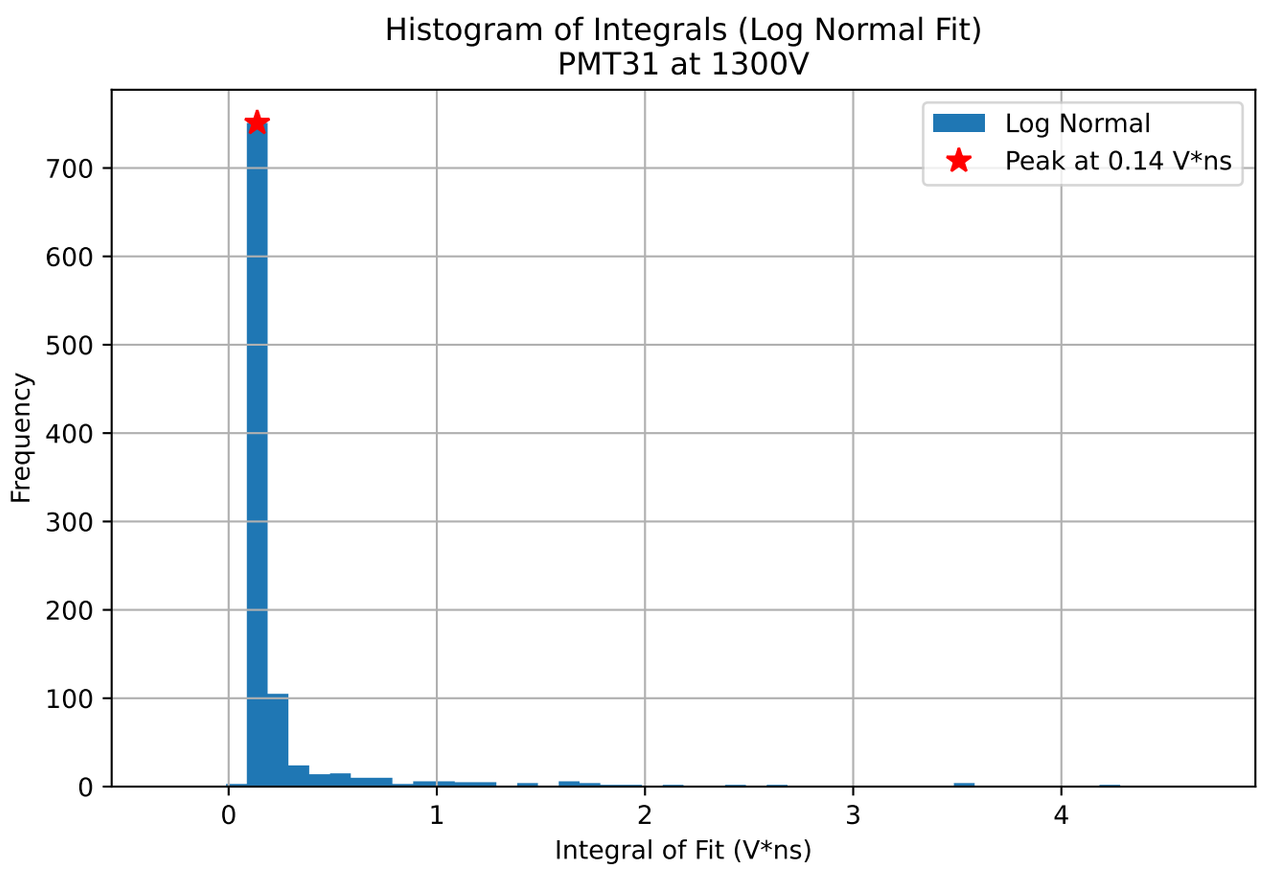

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1200V
Log Normal
Frequency
Max Height (V)
0
50
100
150
200
250
300
0.0
0.1
0.2
0.3
0.4
0.5

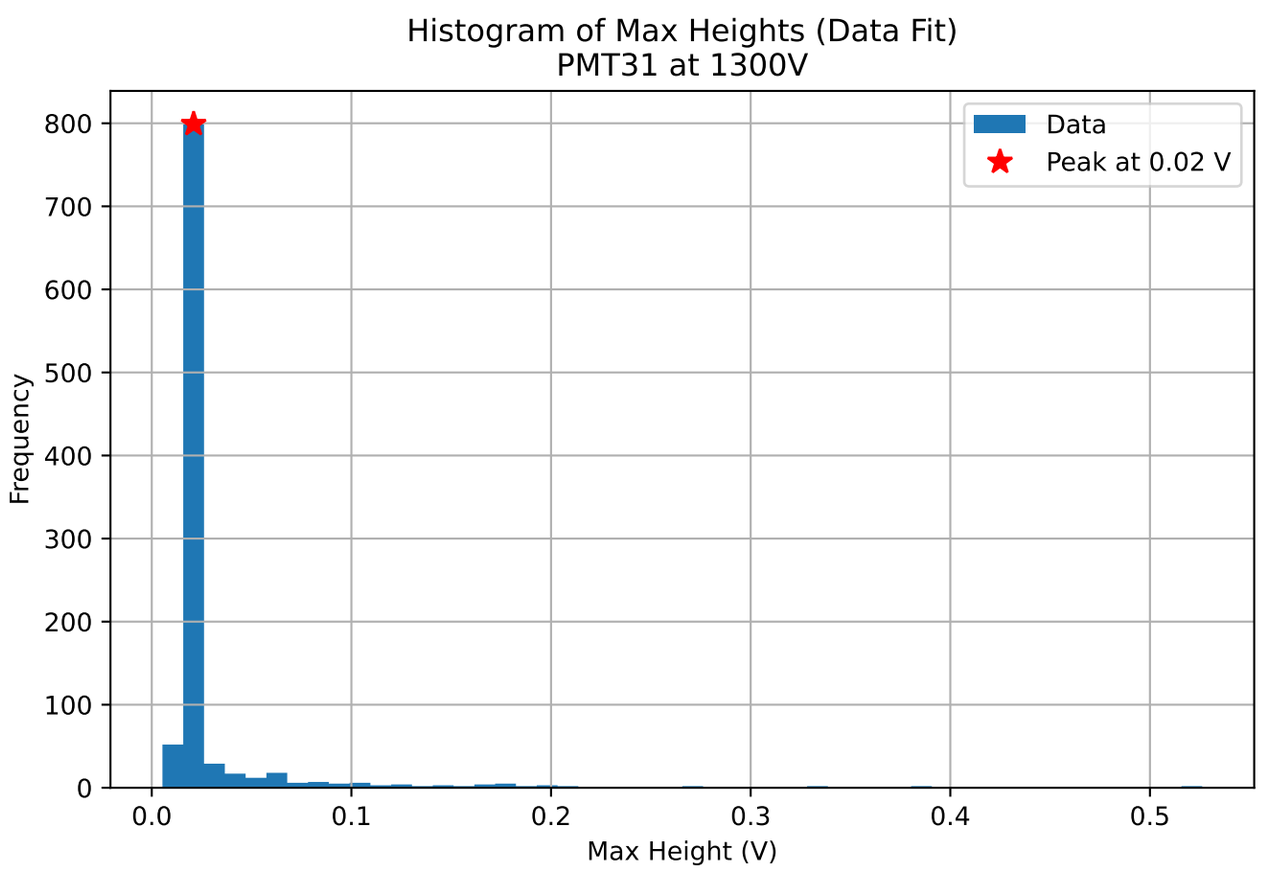

Histogram of Integrals (Log Normal Fit)
PMT31 at 1200V
Log Normal
Peak at 0.22 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
0
1
2
3
4

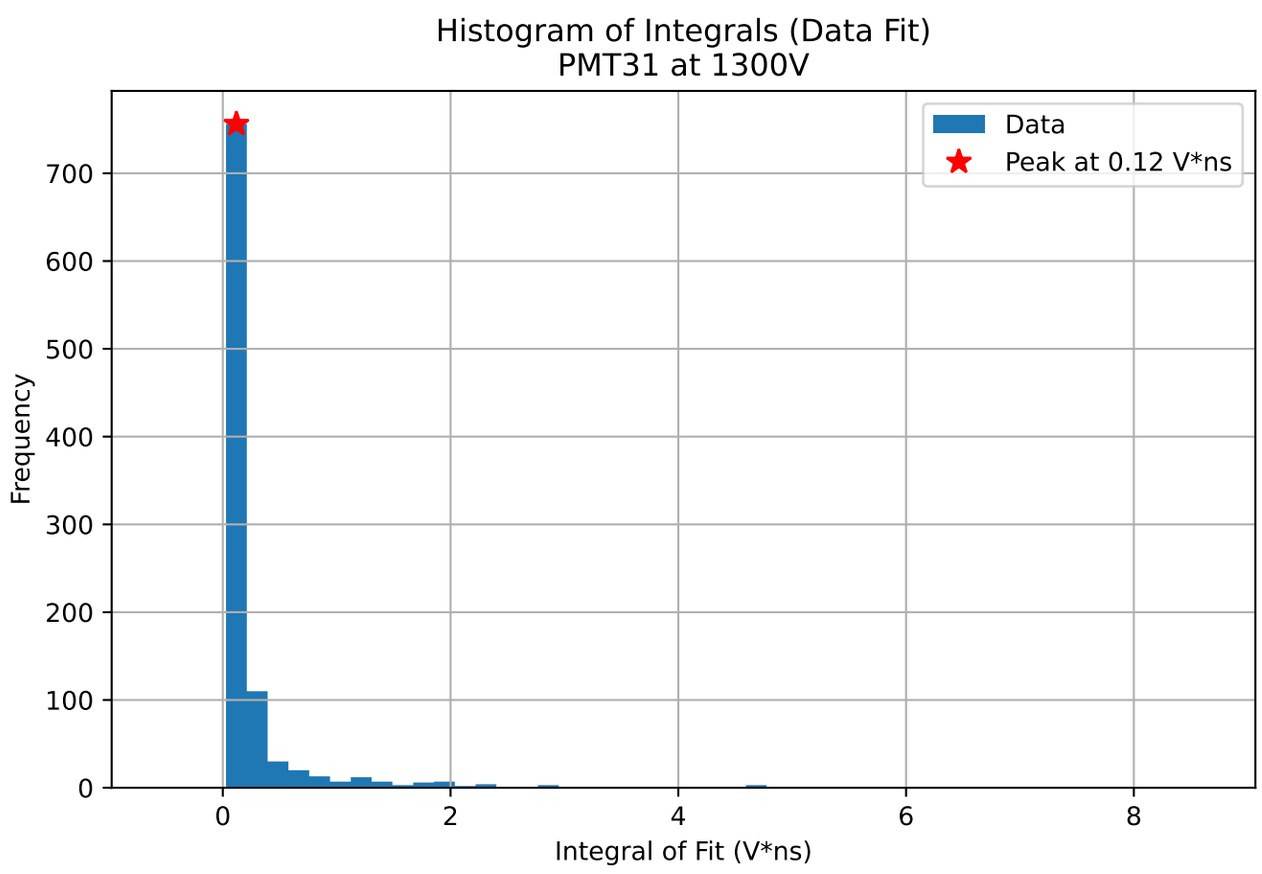

Histogram of Max Heights (Data Fit)
PMT31 at 1200V
Data
Peak at 0.07 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
0.0
0.1
0.2
0.3
0.4
0.5

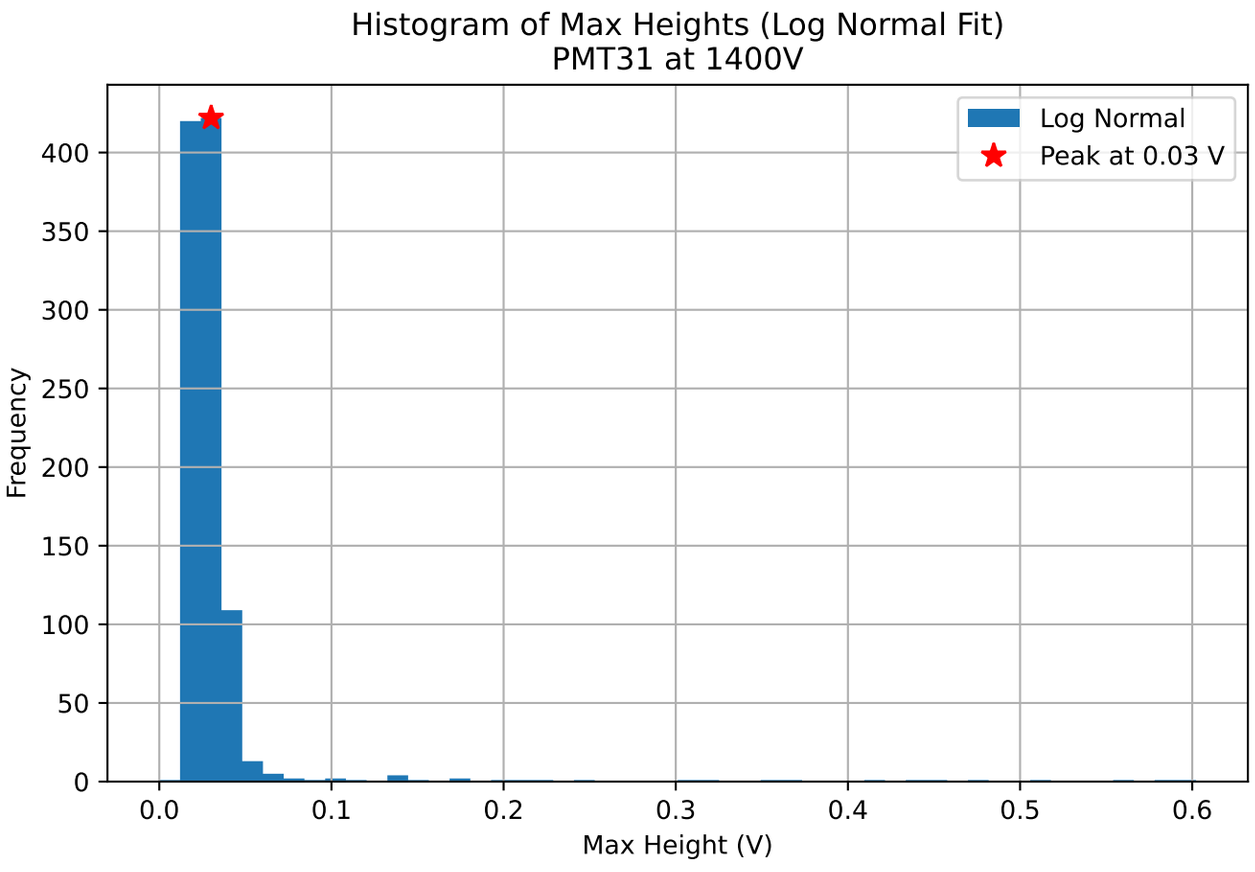

Histogram of Integrals (Data Fit)
PMT31 at 1200V
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
300
0
2
4
6
8

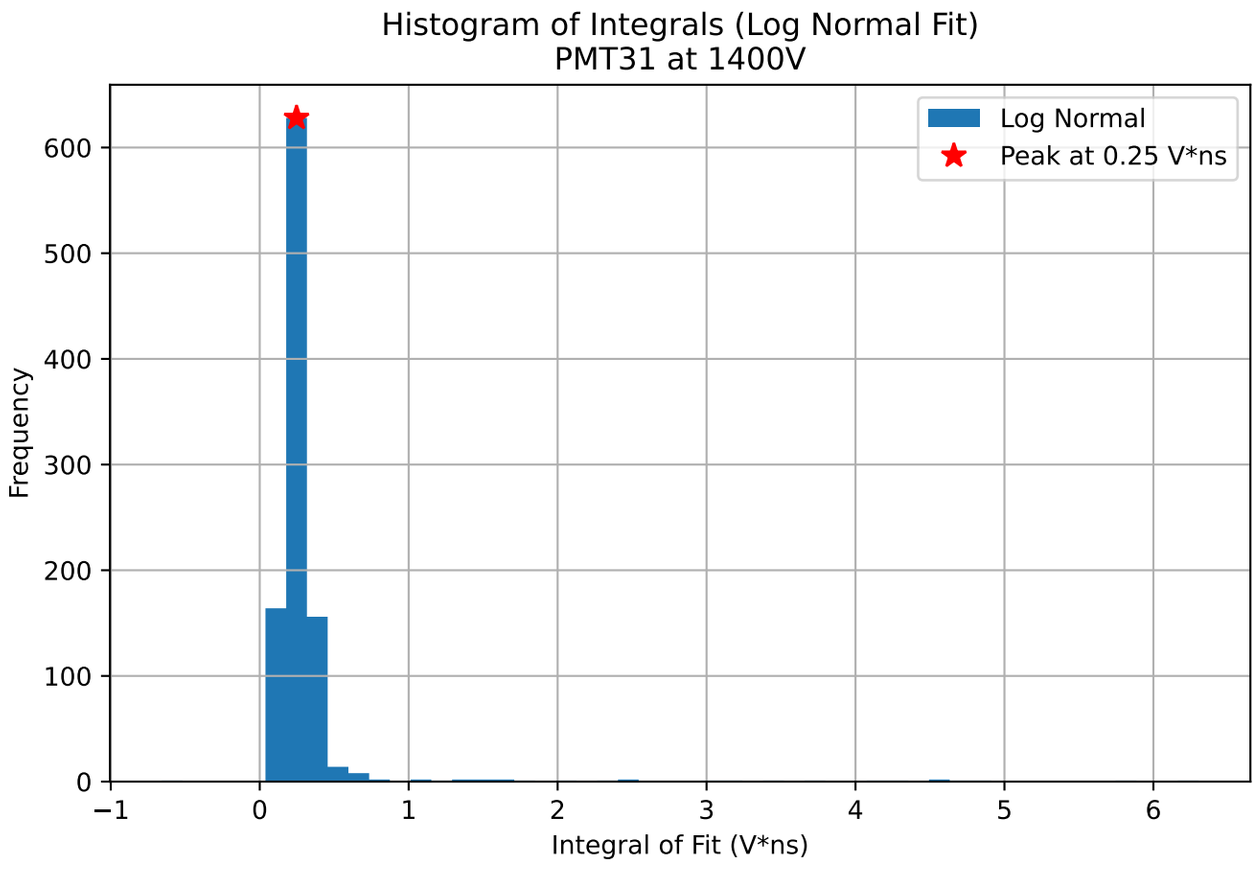

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1300V
Log Normal
Frequency
Max Height (V)
0
100
200
300
400
500
0.0
0.1
0.2
0.3
0.4
0.5

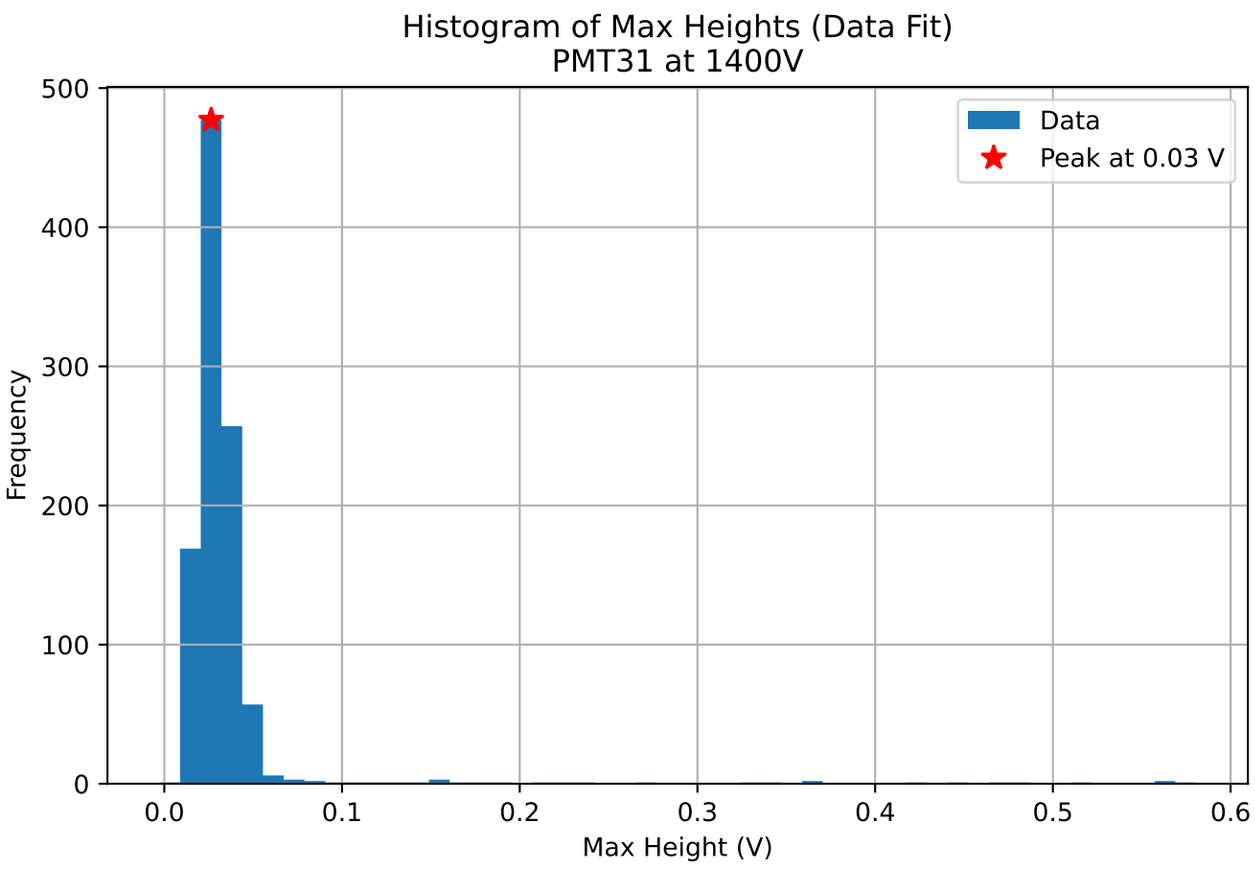

Histogram of Integrals (Log Normal Fit)
PMT31 at 1300V
Log Normal
Peak at 0.14 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
0
1
2
3
4

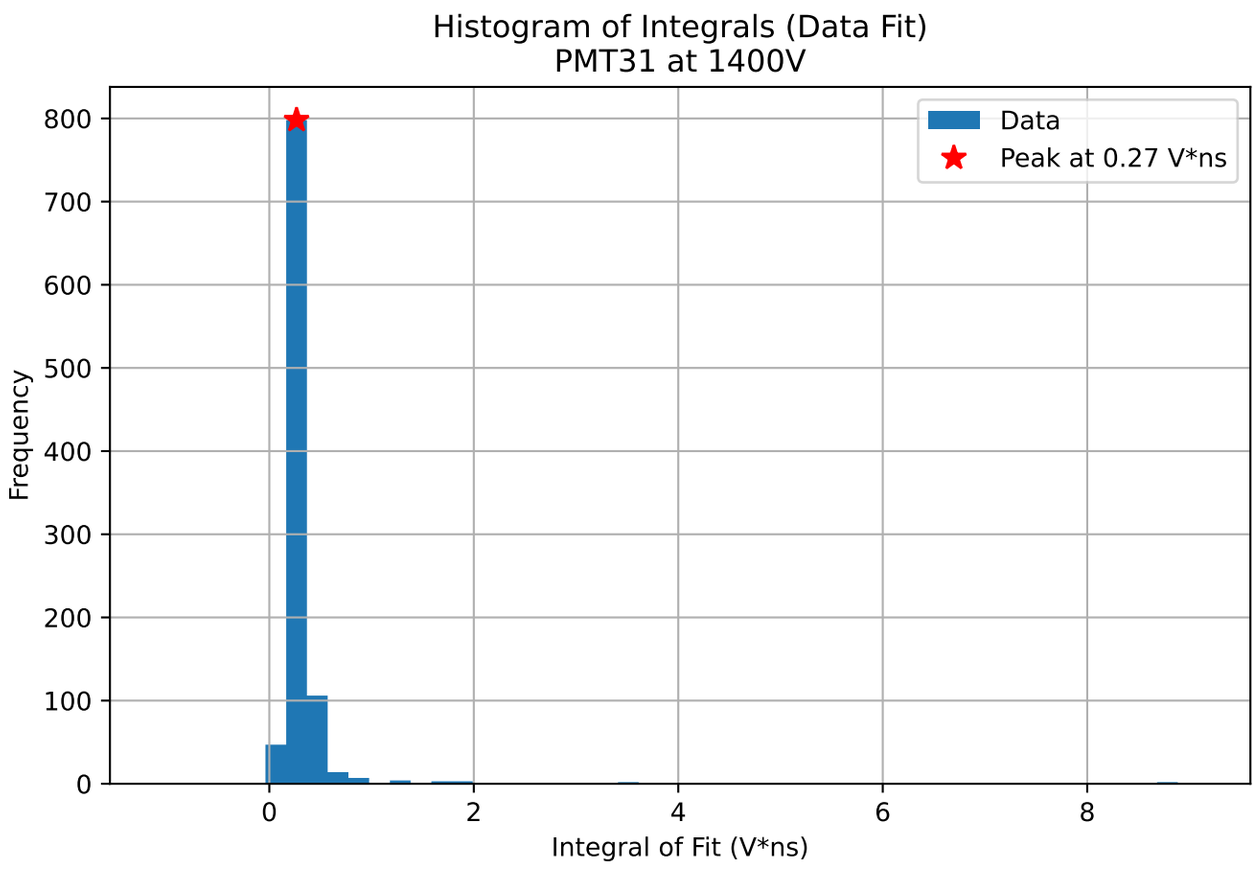

Histogram of Max Heights (Data Fit)
PMT31 at 1300V
Data
Peak at 0.02 V
Frequency
Max Height (V)
0
100
200
300
400
500
600
700
800
0.0
0.1
0.2
0.3
0.4
0.5

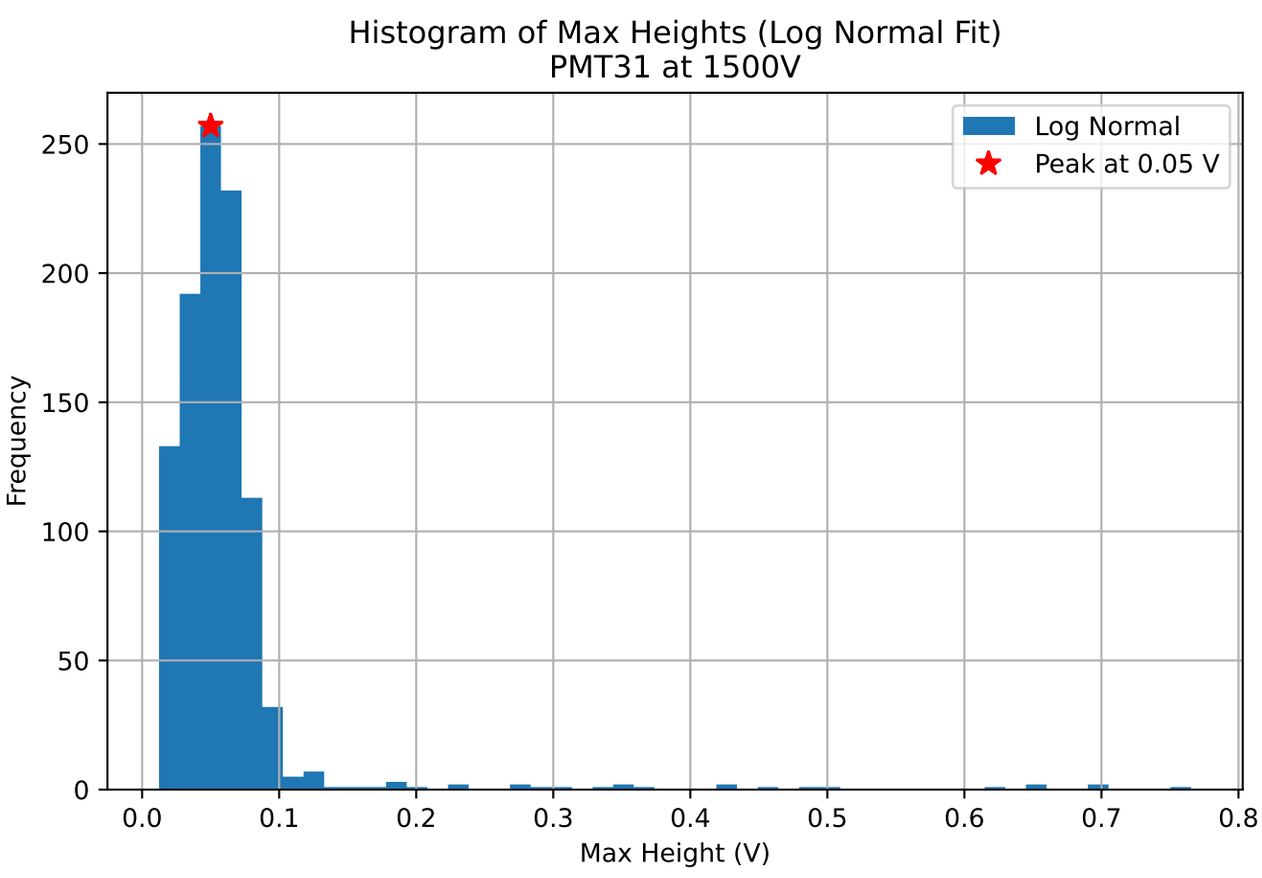

Histogram of Integrals (Data Fit)
PMT31 at 1300V
Data
Peak at 0.12 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
0
2
4
6
8

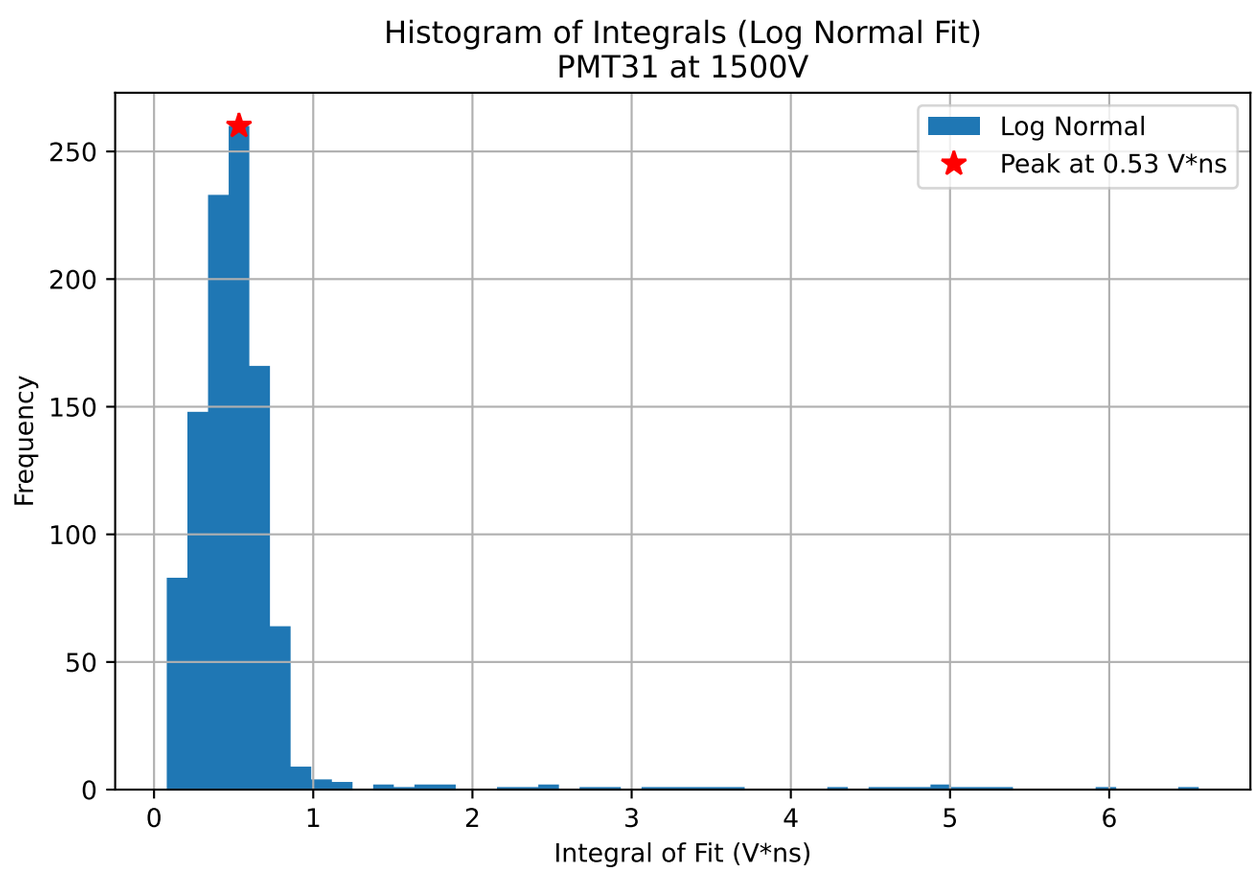

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1400V
Log Normal
Peak at 0.03 V
Frequency
Max Height (V)
0
50
100
150
200
250
300
350
400
0.0
0.1
0.2
0.3
0.4
0.5
0.6

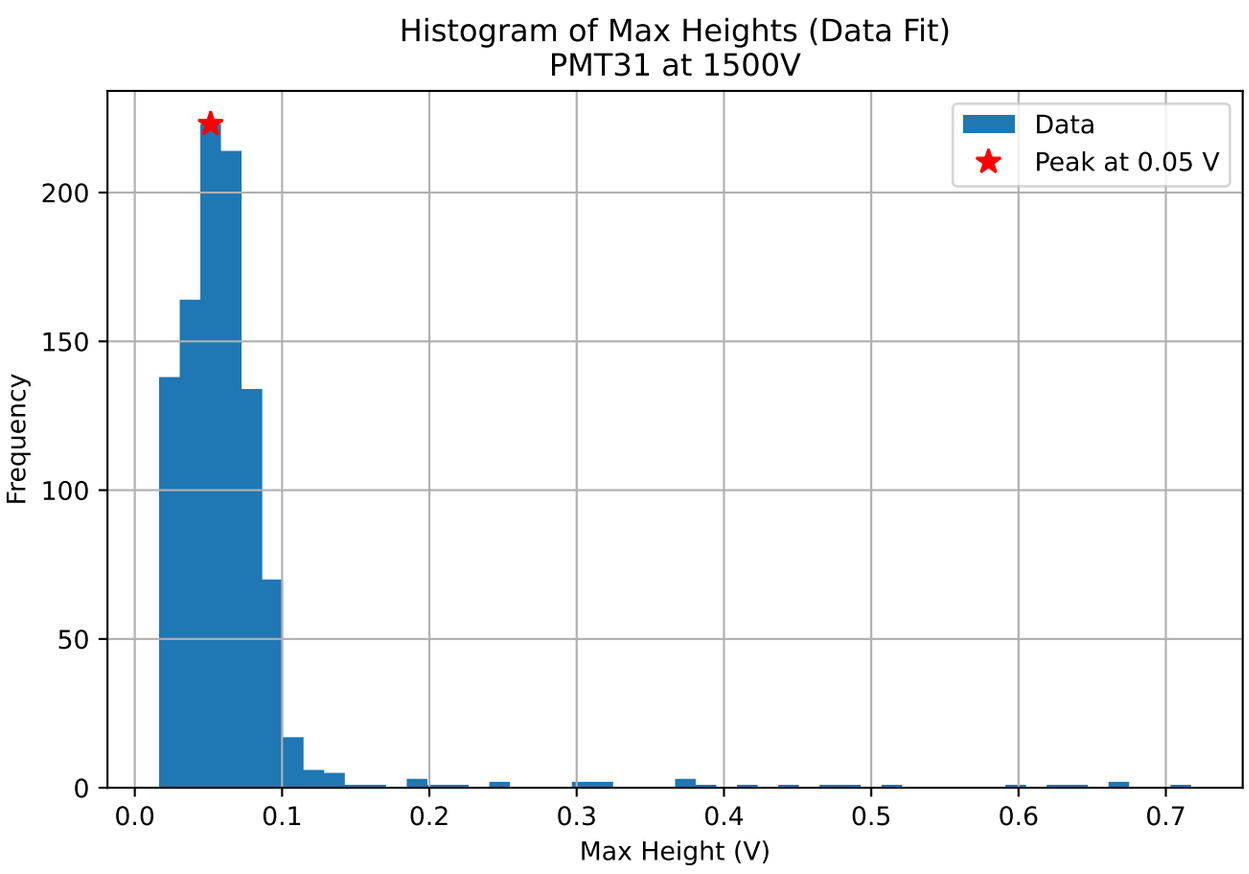

Histogram of Integrals (Log Normal Fit)
PMT31 at 1400V
Log Normal
Peak at 0.25 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
−1
0
1
2
3
4
5
6

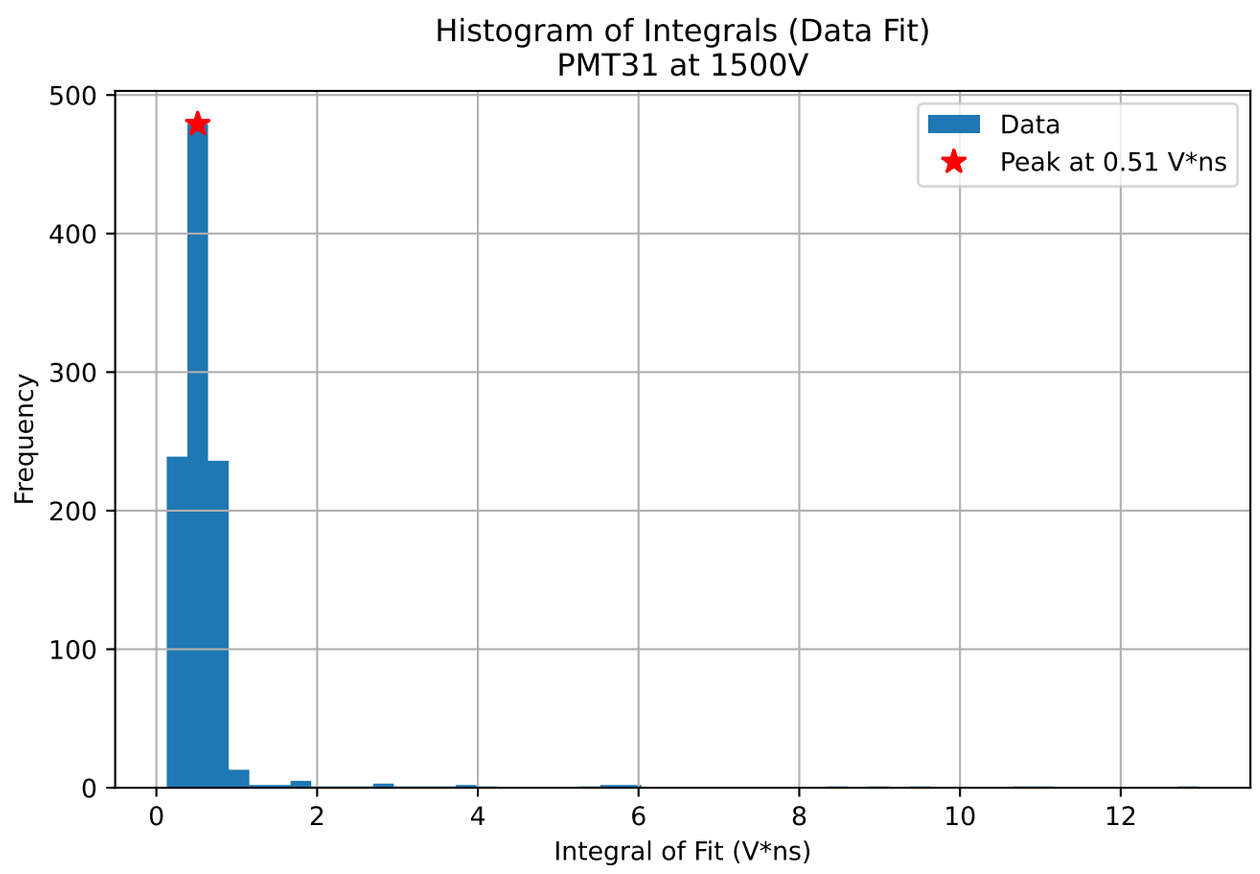

Histogram of Max Heights (Data Fit)
PMT31 at 1400V
Data
Peak at 0.03 V
Frequency
Max Height (V)
0
100
200
300
400
500
0.0
0.1
0.2
0.3
0.4
0.5
0.6

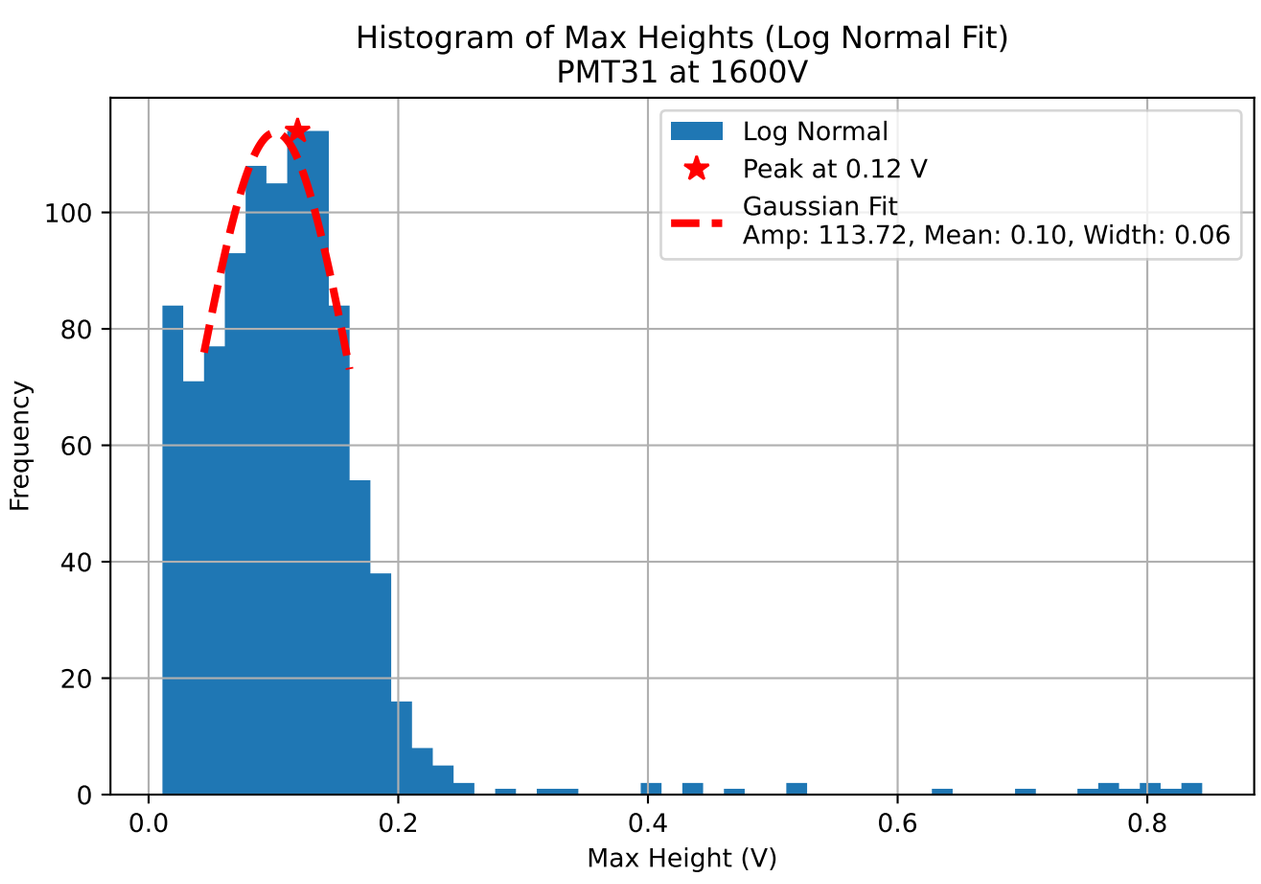

Histogram of Integrals (Data Fit)
PMT31 at 1400V
Data
Peak at 0.27 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
600
700
800
0
2
4
6
8

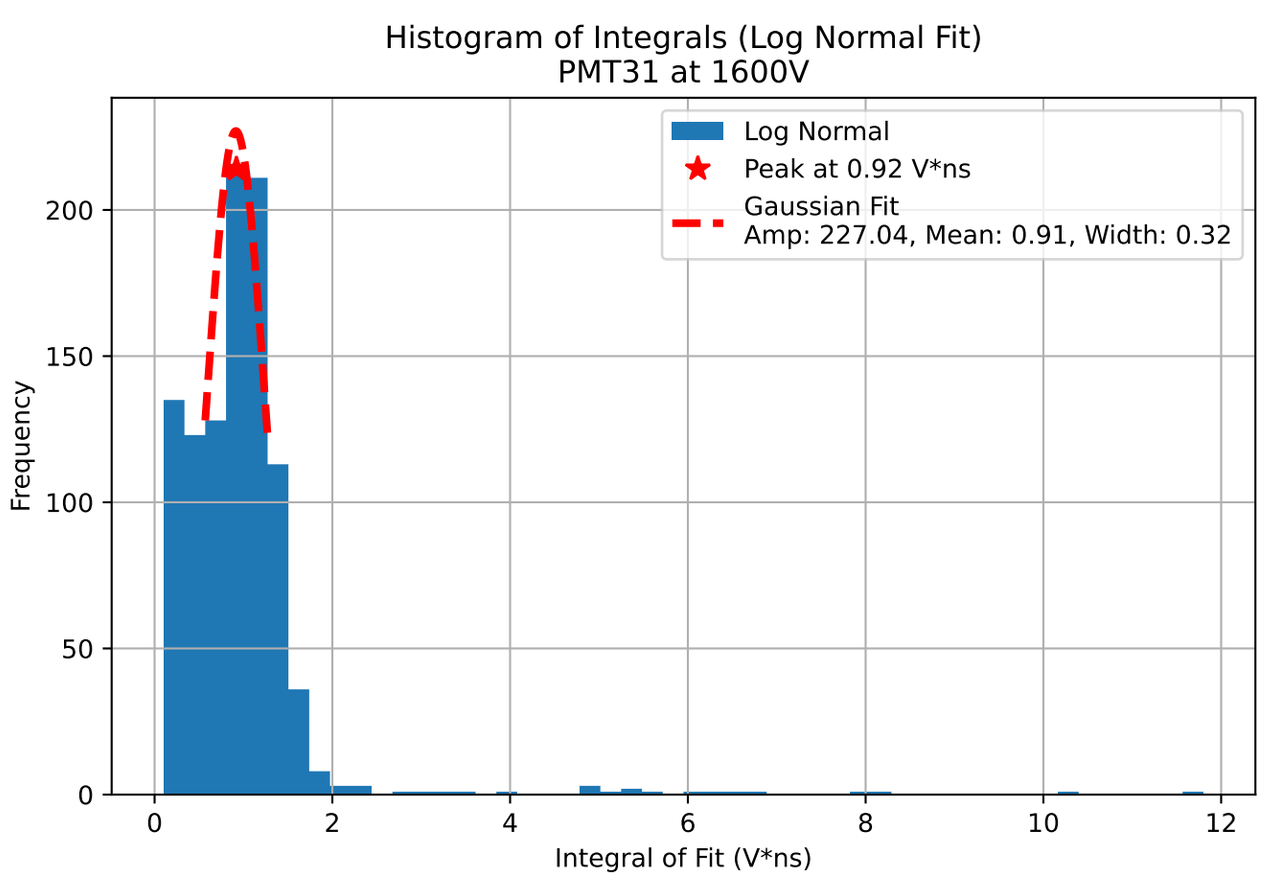

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1500V
Log Normal
Peak at 0.05 V
Frequency
Max Height (V)
0
50
100
150
200
250
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

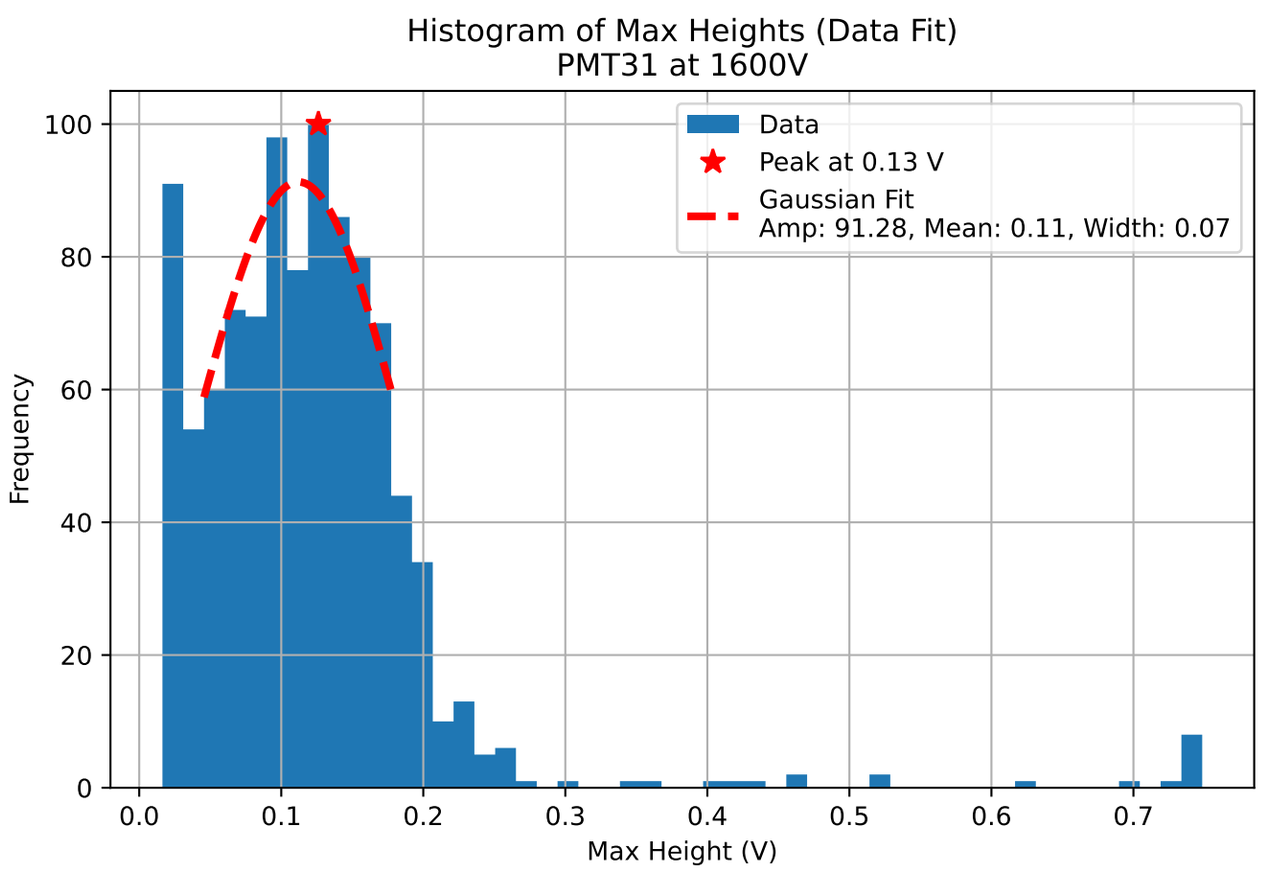

Histogram of Integrals (Log Normal Fit)
PMT31 at 1500V
Log Normal
Peak at 0.53 V*ns
Frequency
Integral of Fit (V*ns)
0
50
100
150
200
250
0
1
2
3
4
5
6

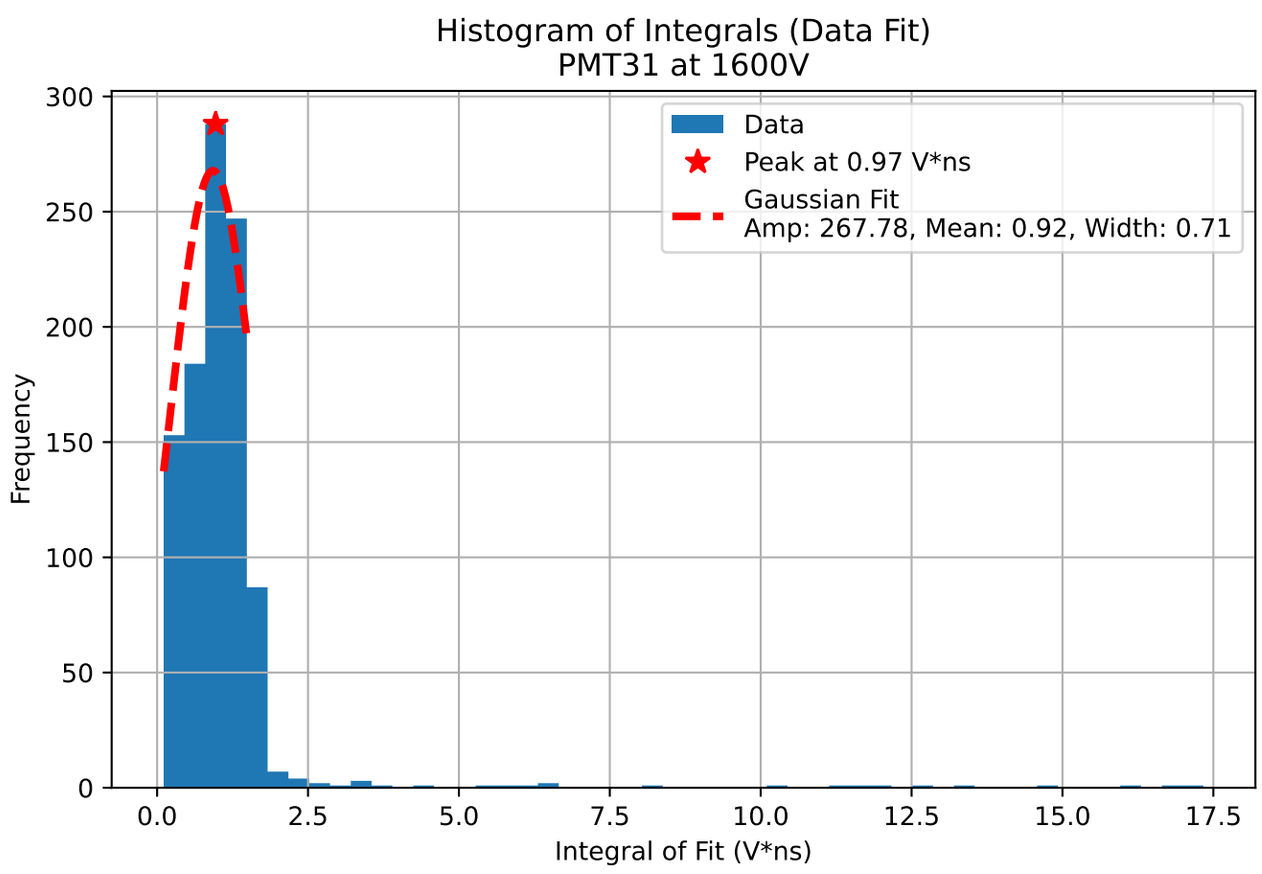

Histogram of Max Heights (Data Fit)
PMT31 at 1500V
Data
Peak at 0.05 V
Frequency
Max Height (V)
0
50
100
150
200
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7

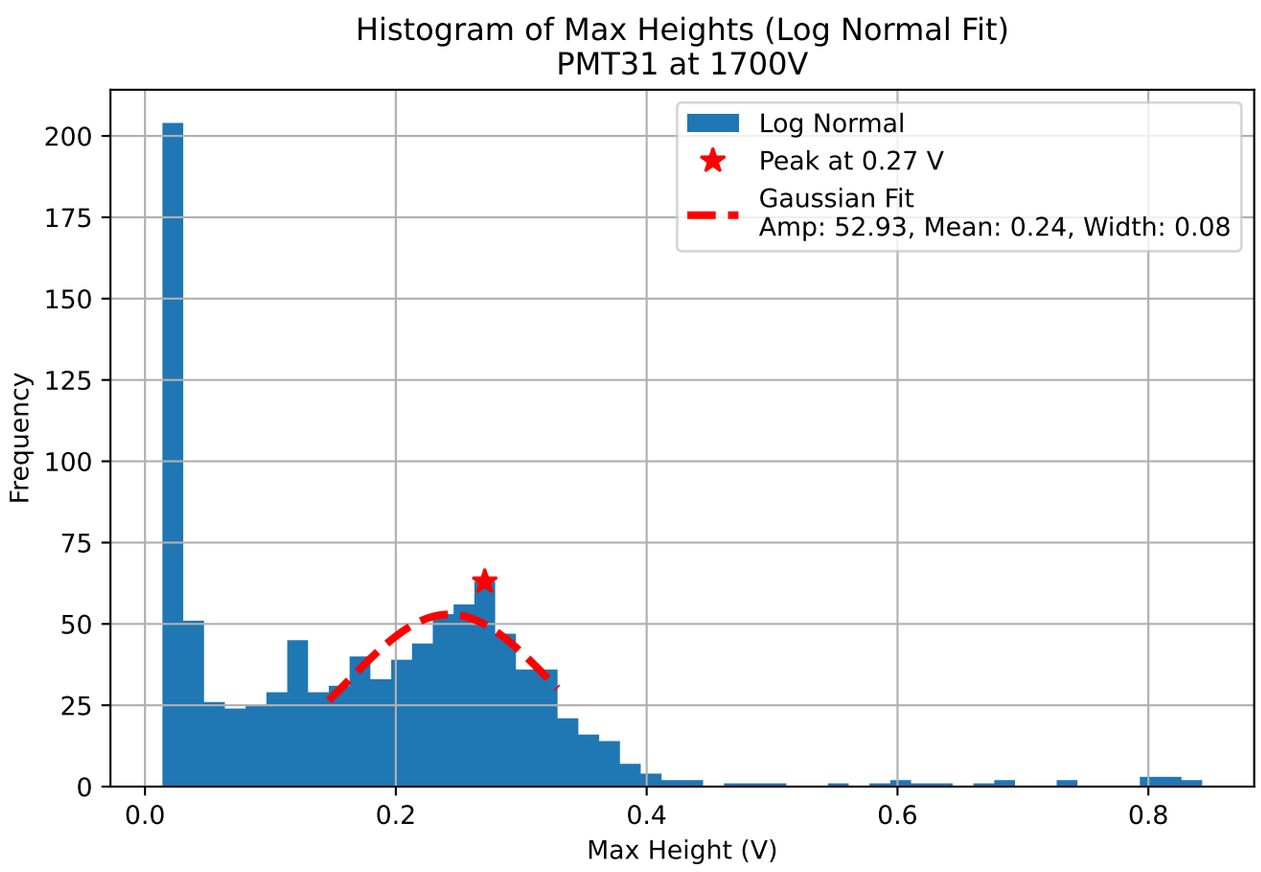

Histogram of Integrals (Data Fit)
PMT31 at 1500V
Data
Peak at 0.51 V*ns
Frequency
Integral of Fit (V*ns)
0
100
200
300
400
500
0
2
4
6
8
10
12

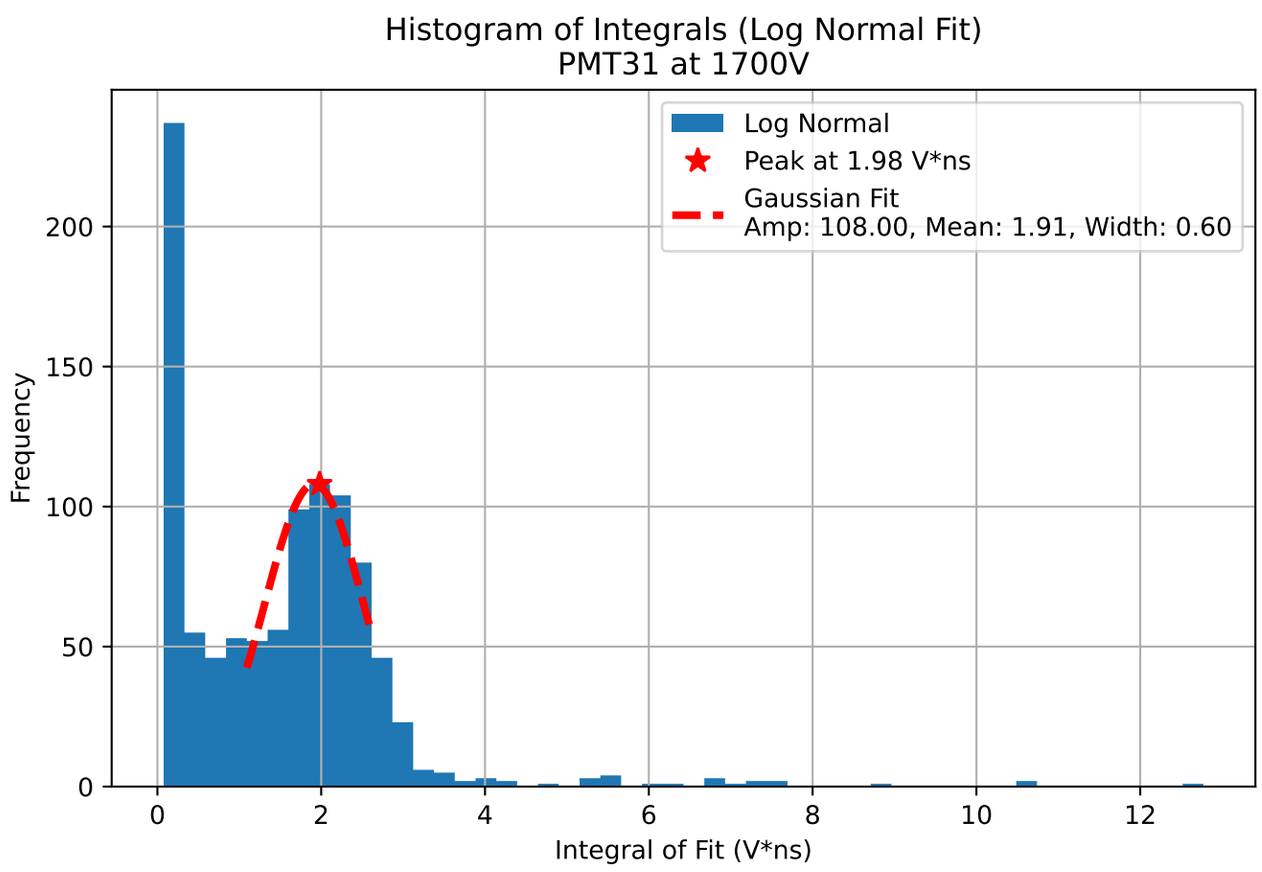

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1600V
Log Normal
Peak at 0.12 V
Gaussian Fit
Amp: 113.72, Mean: 0.10, Width: 0.06
Frequency
Max Height (V)

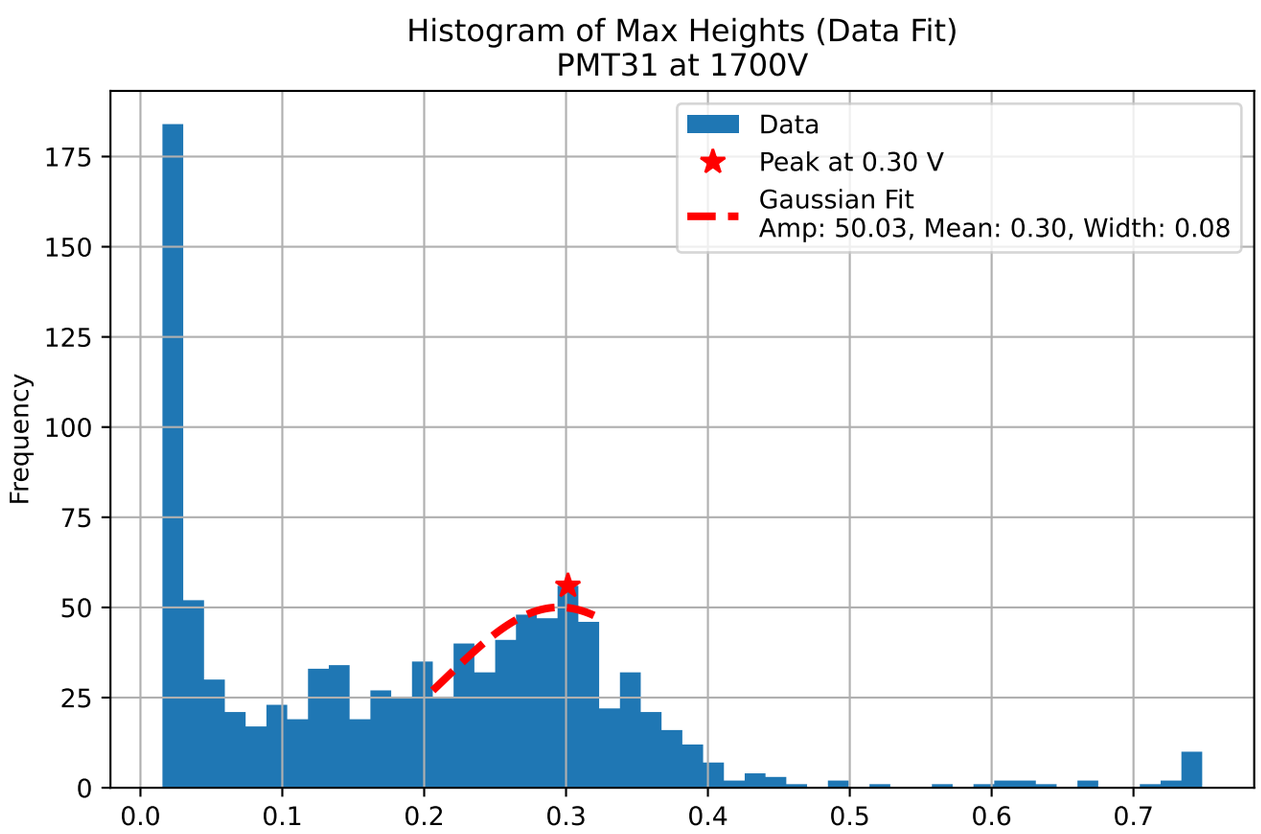

Histogram of Integrals (Log Normal Fit)
PMT31 at 1600V
Log Normal
Peak at 0.92 V*ns
Gaussian Fit
Amp: 227.04, Mean: 0.91, Width: 0.32
Frequency
Integral of Fit (V*ns)

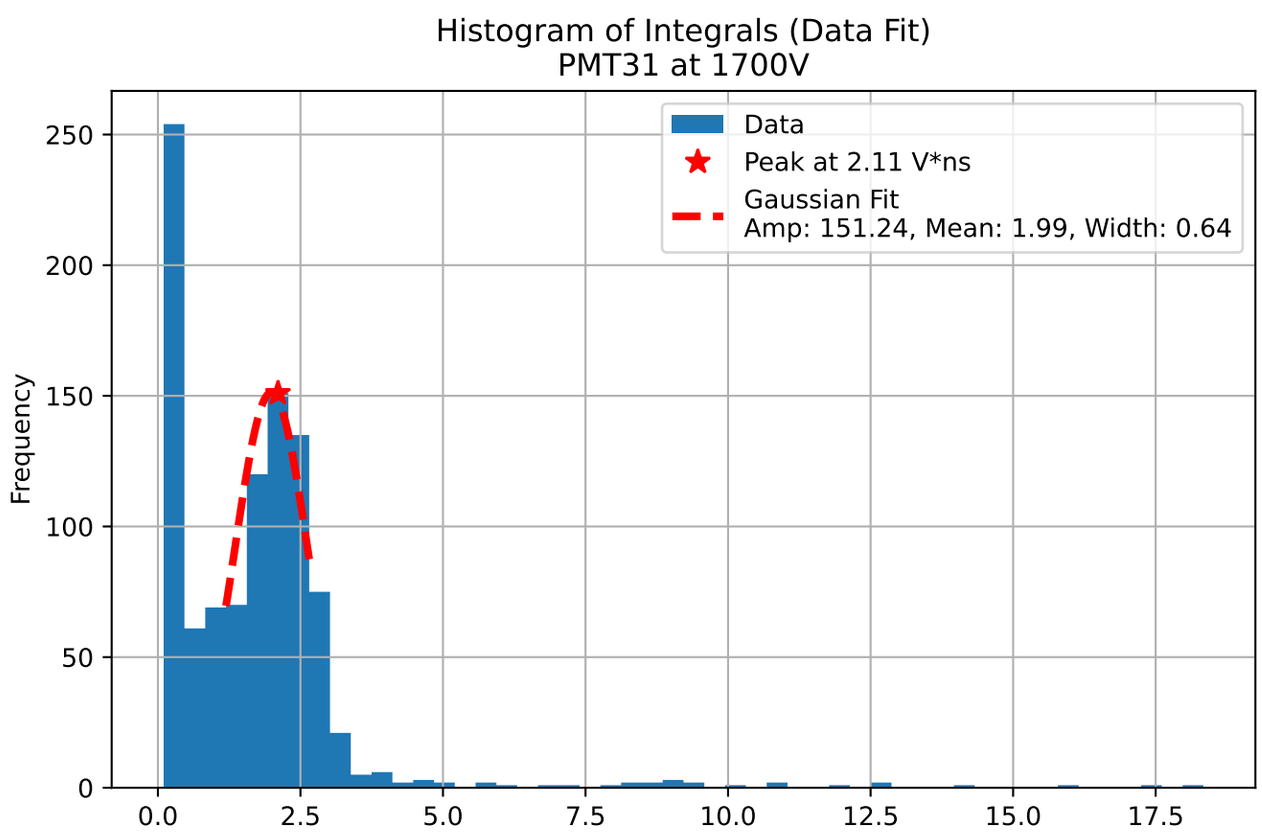

Histogram of Max Heights (Data Fit)
PMT31 at 1600V
Data
Peak at 0.13 V
Gaussian Fit
Amp: 91.28, Mean: 0.11, Width: 0.07
Frequency
Max Height (V)

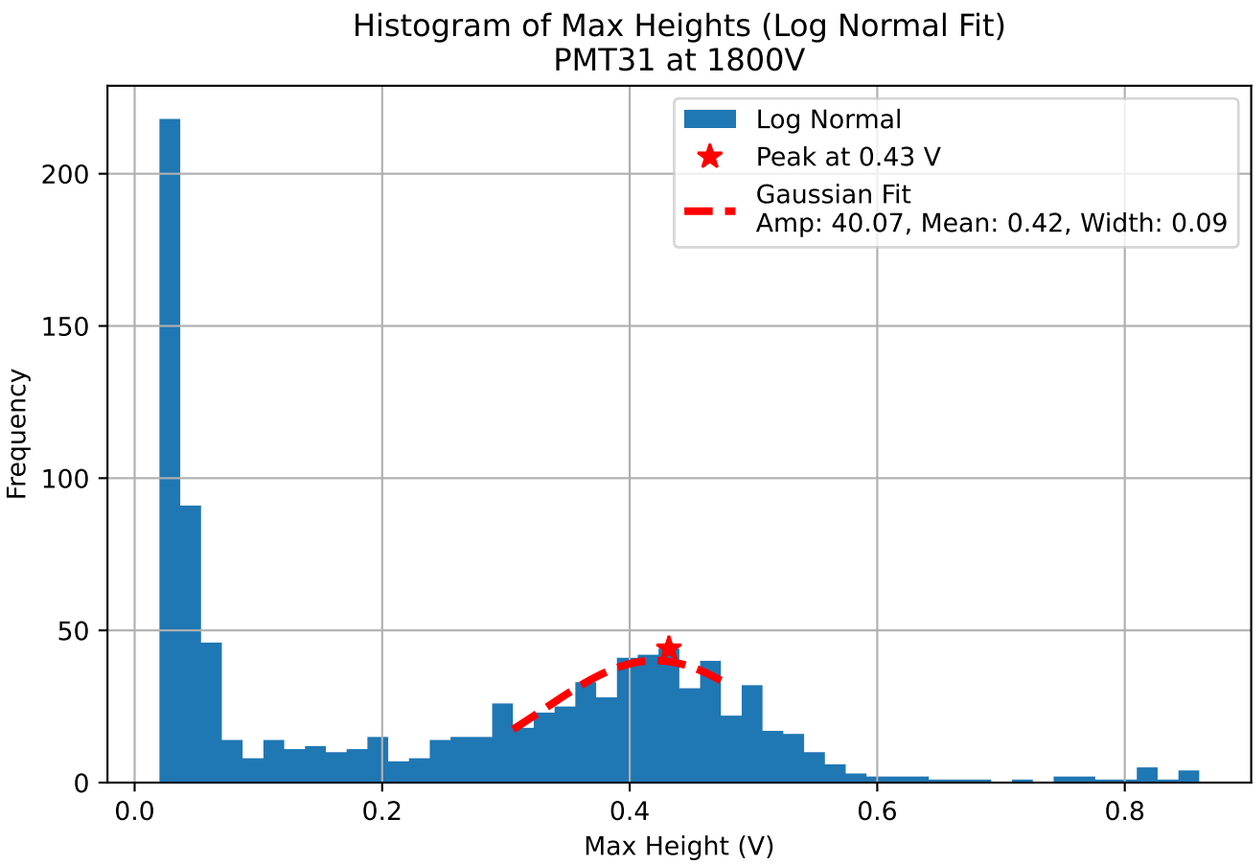

Histogram of Integrals (Data Fit)
PMT31 at 1600V
Data
Peak at 0.97 V*ns
Gaussian Fit
Amp: 267.78, Mean: 0.92, Width: 0.71
Frequency
Integral of Fit (V*ns)

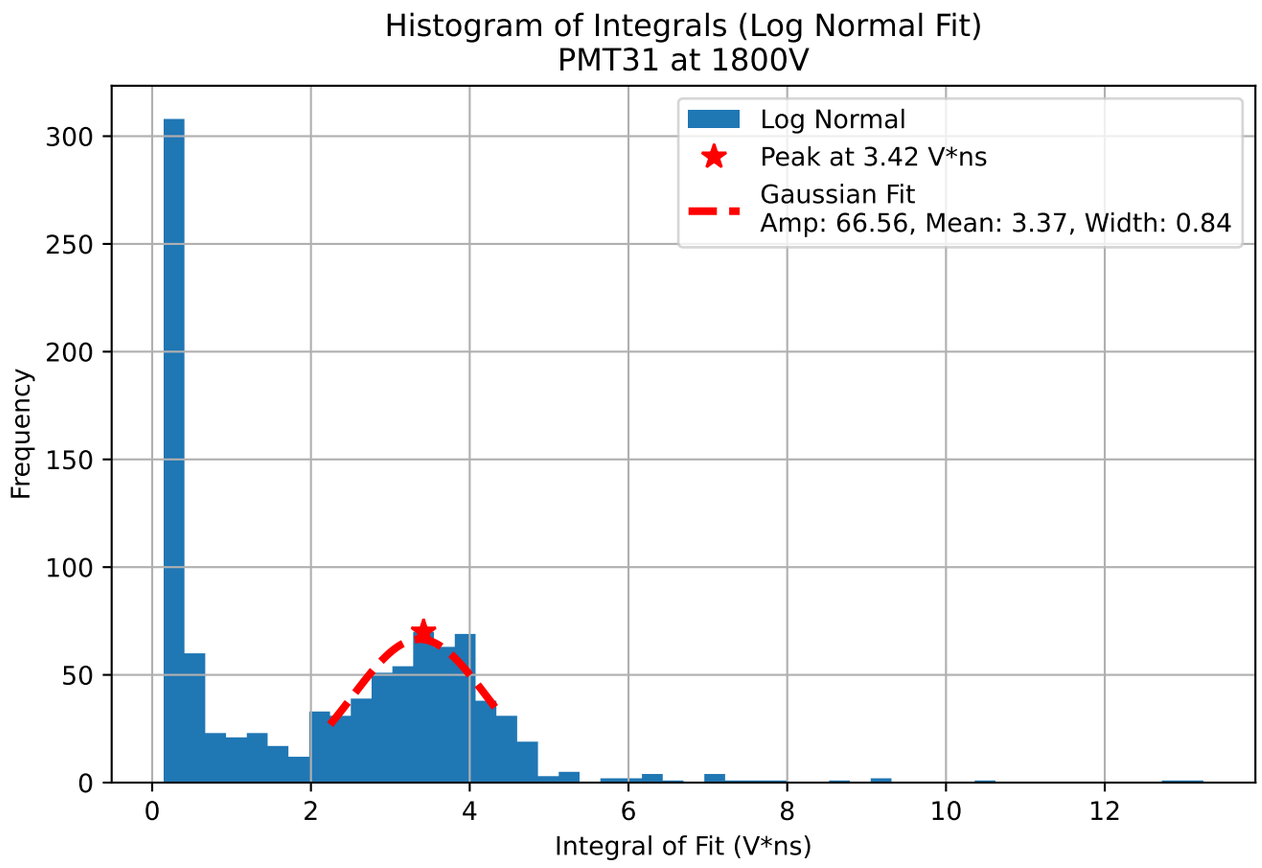

Histogram of Max Heights (Log Normal Fit)
PMT31 at 1700V
Log Normal
Peak at 0.27 V
Gaussian Fit
Amp: 52.93, Mean: 0.24, Width: 0.08
Frequency
Max Height (V)

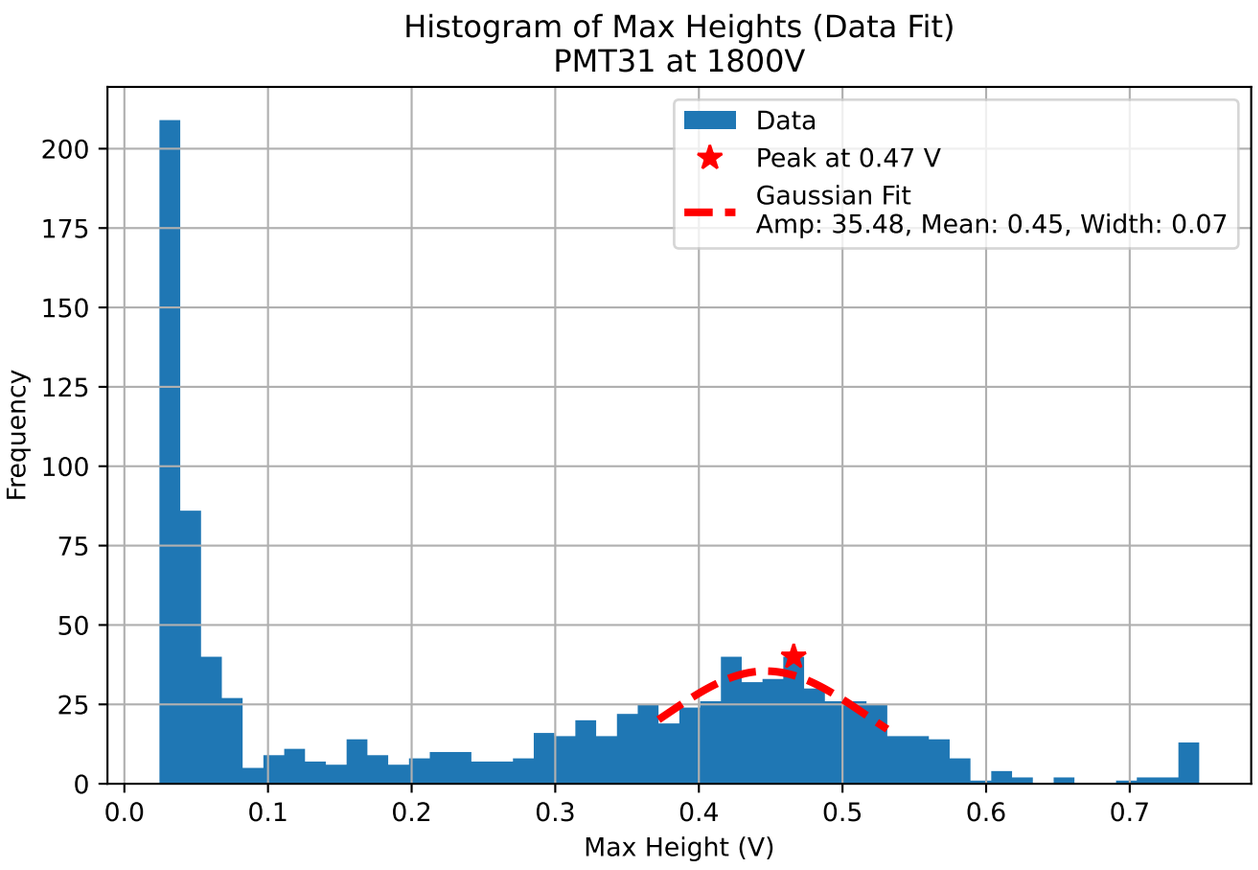

Histogram of Integrals (Log Normal Fit)
PMT31 at 1700V
Log Normal
Peak at 1.98 V*ns
Gaussian Fit
Amp: 108.00, Mean: 1.91, Width: 0.60
Frequency
Integral of Fit (V*ns)

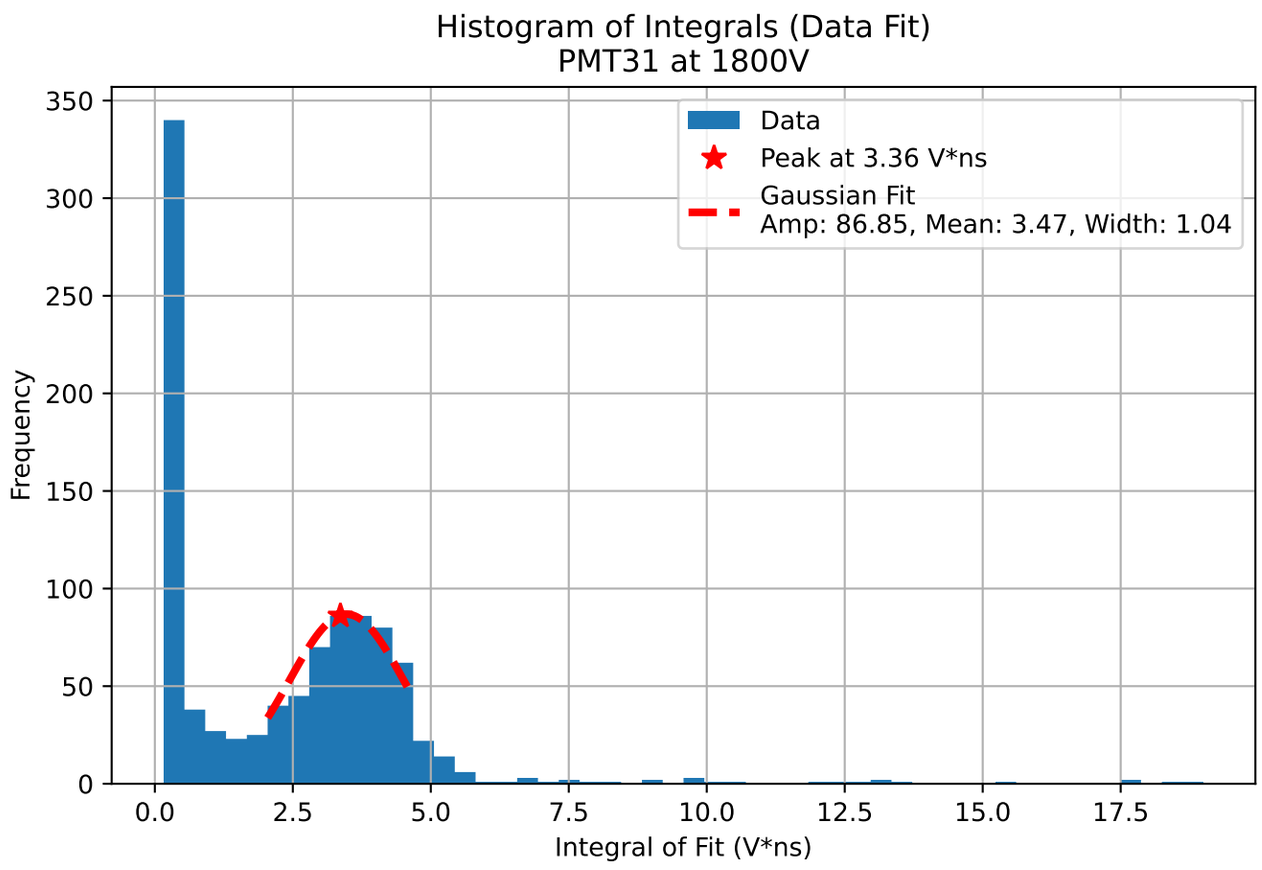

Histogram of Max Heights (Data Fit)
PMT31 at 1700V
Data
Peak at 0.30 V
Gaussian Fit
Amp: 50.03, Mean: 0.30, Width: 0.08
Frequency
Max Height (V)


Histogram of Integrals (Data Fit)
PMT31 at 1700V
Data
Peak at 2.11 V*ns
Gaussian Fit
Amp: 151.24, Mean: 1.99, Width: 0.64
Frequency
Integral of Fit (V*ns)


Histogram of Max Heights (Log Normal Fit)
PMT31 at 1800V
Log Normal
Peak at 0.43 V
Gaussian Fit
Amp: 40.07, Mean: 0.42, Width: 0.09
Frequency
Max Height (V)


Histogram of Integrals (Log Normal Fit)
PMT31 at 1800V
Log Normal
Peak at 3.42 V*ns
Gaussian Fit
Amp: 66.56, Mean: 3.37, Width: 0.84
Frequency
Integral of Fit (V*ns)


Histogram of Max Heights (Data Fit)
PMT31 at 1800V
Data
Peak at 0.47 V
Gaussian Fit
Amp: 35.48, Mean: 0.45, Width: 0.07
Frequency
Max Height (V)


Histogram of Integrals (Data Fit)
PMT31 at 1800V
Data
Peak at 3.36 V*ns
Gaussian Fit
Amp: 86.85, Mean: 3.47, Width: 1.04
Frequency
Integral of Fit (V*ns)