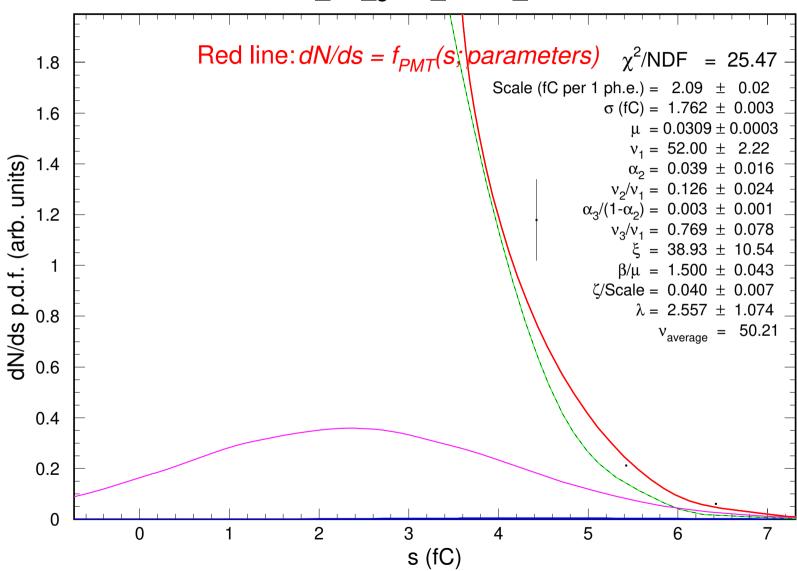
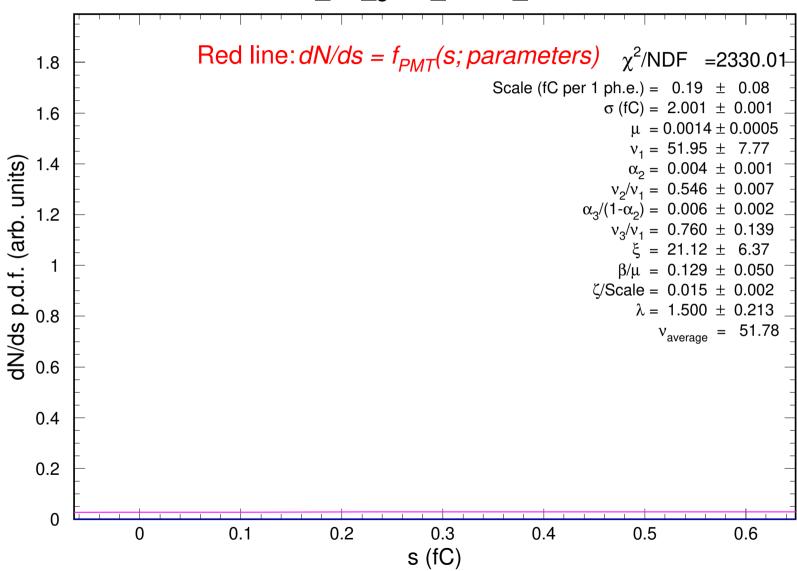
# CA7811\_w2\_g064\_v1000\_t227.01.txt

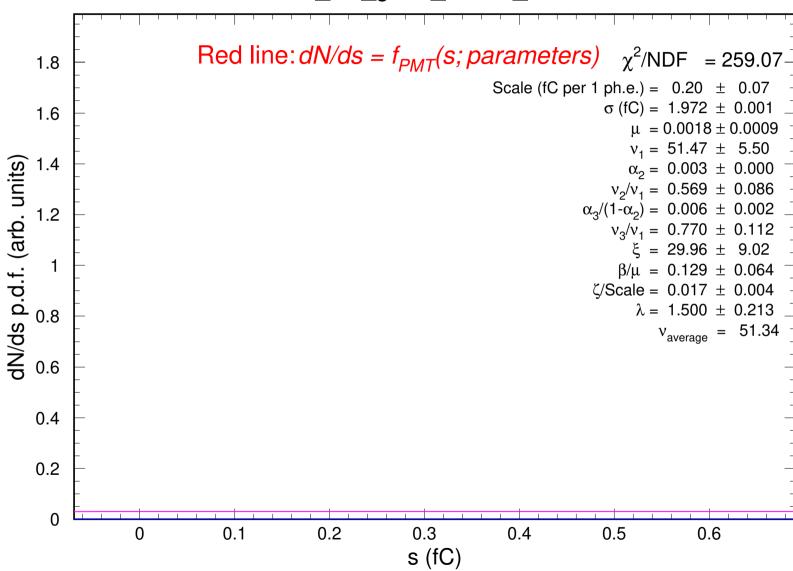


# CA7811\_w2\_g064\_v1000\_t227.02.txt



#### CA7811\_w2\_g064\_v1000\_t227.03.txt Red line: $dN/ds = f_{PM} (s; parameters) \chi^2/NDF = 9999.00$ 1.8 Scale (fC per 1 ph.e.) = $1.40 \pm 0.03$ $\sigma$ (fC) = 1.563 $\pm$ 0.005 1.6 $\mu = 0.0532 \pm 0.0037$ $v_1 = 52.00 \pm 6.92$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.008 \pm 0.003$ $v_2/v_1 = 0.127 \pm 0.044$ $\alpha_3/(1-\alpha_2) = 0.003 \pm 0.001$ 1.2 $v_3/v_1 = 0.770 \pm 0.109$ $\xi = 39.11 \pm 10.05$ $\beta/\mu = 1.500 \pm 0.203$ $\zeta$ /Scale = 0.040 ± 0.001 $\lambda = 1.784 \pm 0.182$ 8.0 $v_{average} = 51.59$ 0.6 0.4 0.2 0 2 3 0 4 s (fC)

# CA7811\_w2\_g064\_v1000\_t227.04.txt



#### CA7811\_w2\_g064\_v1000\_t227.05.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 643.55$ 1.8 Scale (fC per 1 ph.e.) = $0.19 \pm 0.07$ $\sigma$ (fC) = 1.892 ± 0.001 1.6 $\mu = 0.0007 \pm 0.0003$ $v_1 = 50.70 \pm 6.41$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.005 \pm 0.001$ $v_2/v_1 = 0.570 \pm 0.081$ $\alpha_3/(1-\alpha_2) = 0.008 \pm 0.002$ 1.2 $v_3/v_1 = 0.770 \pm 0.112$ $\xi = 22.84 \pm 5.10$ $\beta/\mu = 0.129 \pm 0.063$ $\zeta$ /Scale = 0.015 ± 0.003 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 50.50$ 0.6 0.4 0.2

0.3

s (fC)

0.4

0.5

0.6

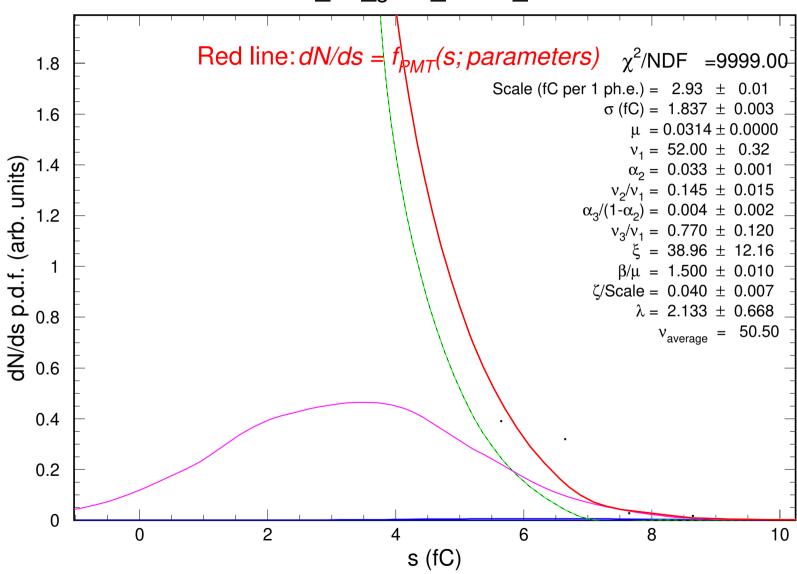
0

0

0.1

0.2

# CA7811\_w2\_g064\_v1000\_t227.06.txt

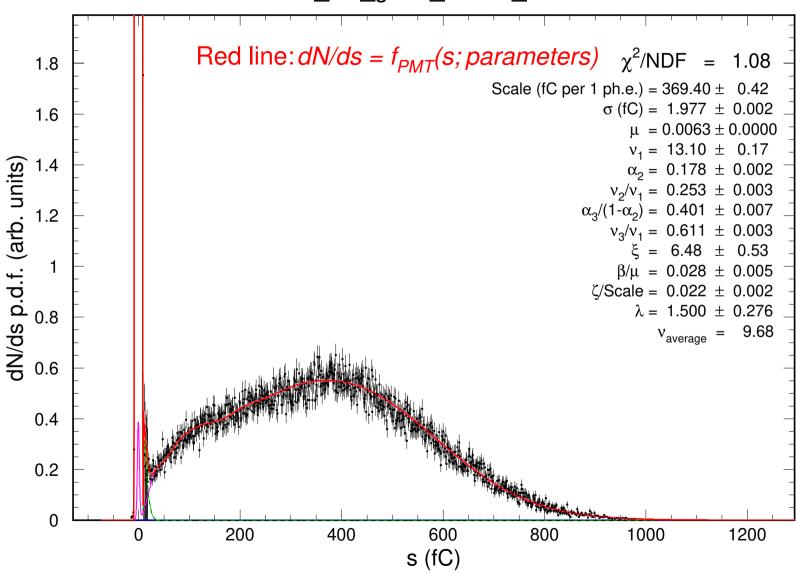


#### CA7811\_w2\_g064\_v1000\_t227.07.txt Red line: $dN/ds = f_{PMT}(s; parameters) \chi^2/NDF = 9999.00$ 1.8 Scale (fC per 1 ph.e.) = $4.24 \pm 0.37$ $\sigma$ (fC) = 2.000 ± 0.001 1.6 $\mu = 0.0004 \pm 0.0000$ $v_1 = 52.00 \pm 0.73$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.199 \pm 0.005$ $v_2/v_1 = 0.020 \pm 0.104$ $\alpha_3/(1-\alpha_2) = 0.008 \pm 0.003$ 1.2 $v_3/v_1 = 0.220 \pm 0.033$ $\xi = 26.65 \pm 6.57$ $\beta/\mu = 1.500 \pm 0.151$ $\zeta$ /Scale = 0.040 ± 0.004 $\lambda = 1.500 \pm 0.291$ 8.0 $v_{average} = 41.61$ 0.6 0.4 0.2 0 2 6 10 12 14 0 4 8

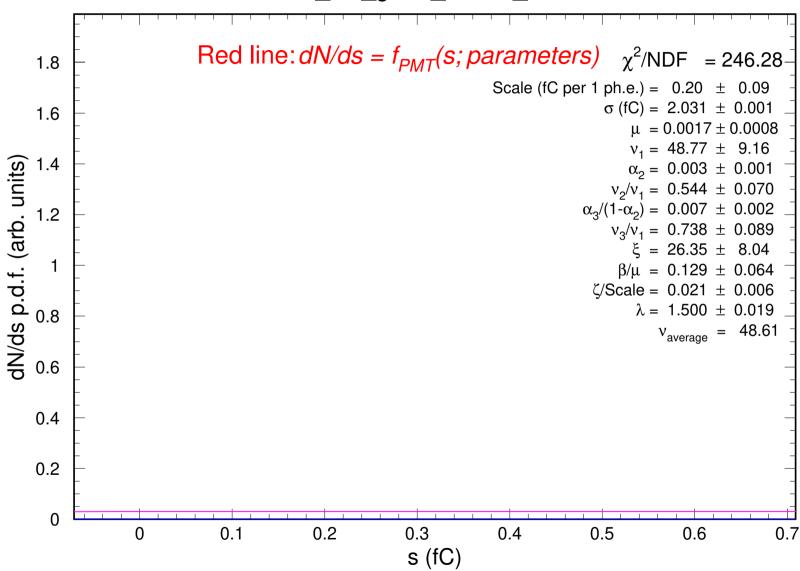
s (fC)

#### CA7811\_w2\_g064\_v1000\_t227.08.txt Red line: $dN/ds = f_{PMT}(s; parameters) \chi^2/NDF = 14.49$ 1.8 Scale (fC per 1 ph.e.) = $3.19 \pm 0.01$ $\sigma$ (fC) = 2.126 $\pm$ 0.002 1.6 $\mu = 0.0532 \pm 0.0000$ $v_1 = 52.00 \pm 0.14$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.001 \pm 0.001$ $v_2/v_1 = 0.570 \pm 0.111$ $\alpha_3/(1-\alpha_2) = 0.003 \pm 0.001$ 1.2 $v_3/v_1 = 0.770 \pm 0.111$ $\xi = 40.71 \pm 8.71$ $\beta/\mu = 0.974 \pm 0.026$ $\zeta$ /Scale = 0.015 ± 0.003 $\lambda = 5.699 \pm 0.577$ 8.0 $v_{average} = 51.93$ 0.6 0.4 0.2 0 2 10 0 4 6 8 s (fC)

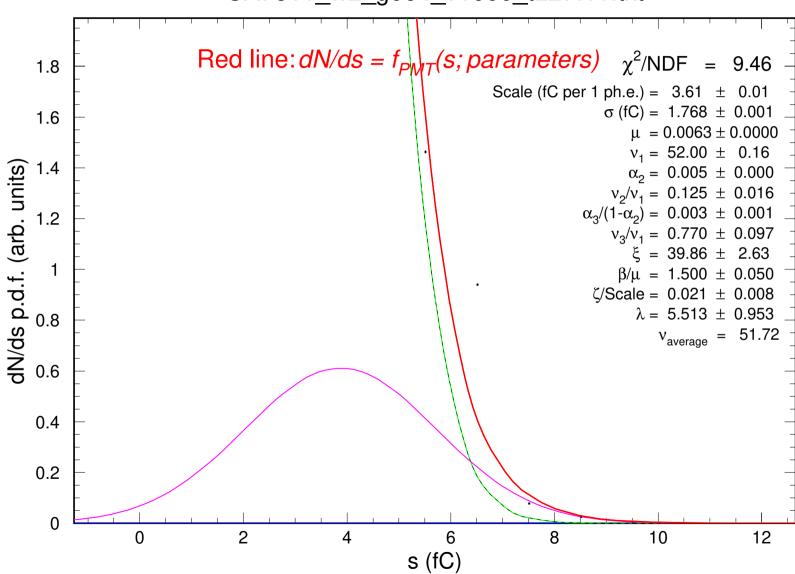
## CA7811\_w2\_g064\_v1000\_t227.09.txt



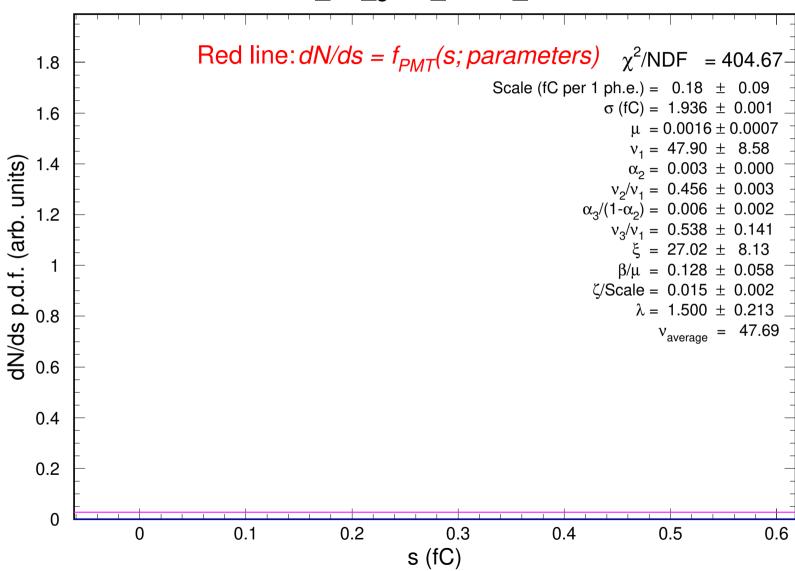
# CA7811\_w2\_g064\_v1000\_t227.10.txt



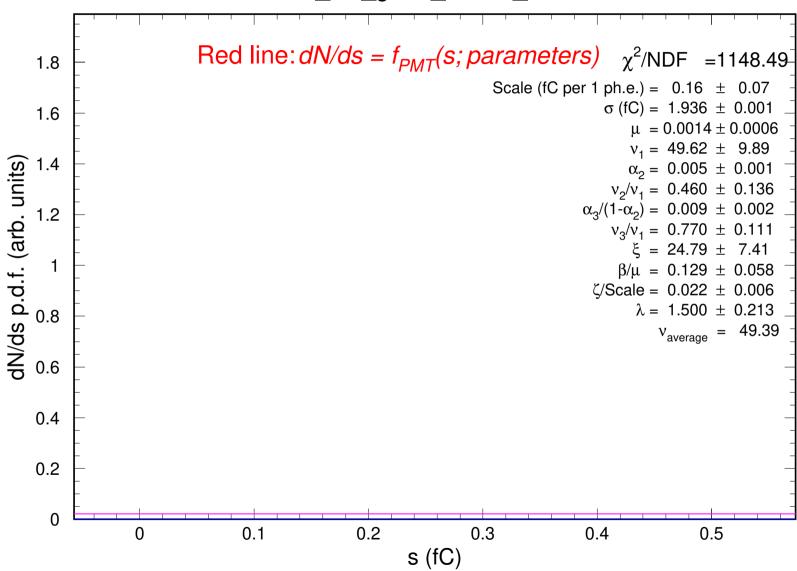
# CA7811\_w2\_g064\_v1000\_t227.11.txt



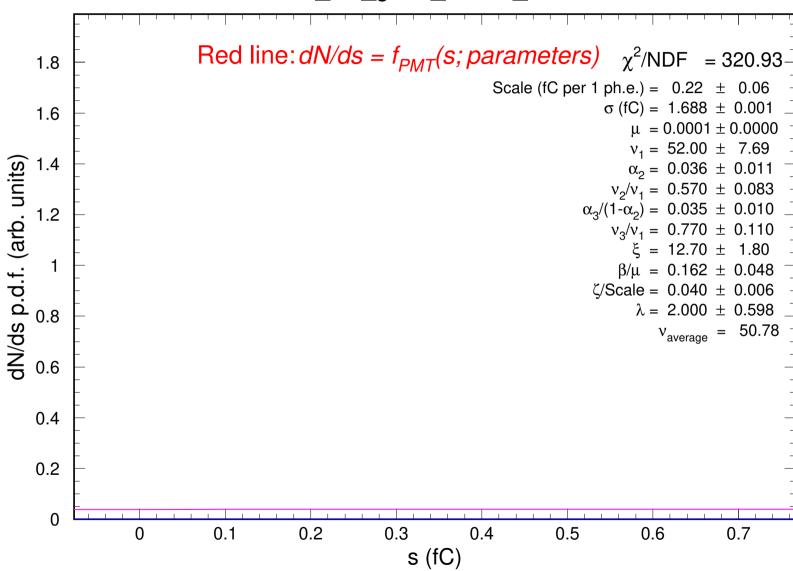
# CA7811\_w2\_g064\_v1000\_t227.12.txt



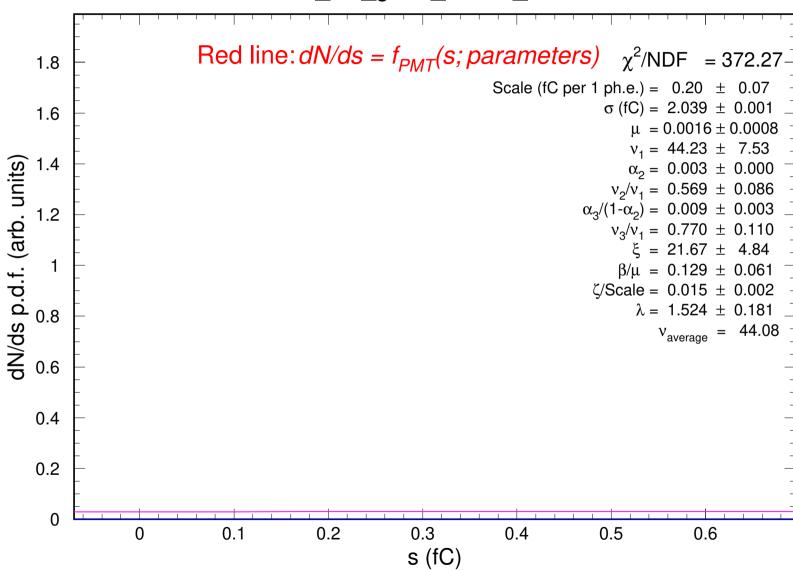
# CA7811\_w2\_g064\_v1000\_t227.13.txt



# CA7811\_w2\_g064\_v1000\_t227.14.txt

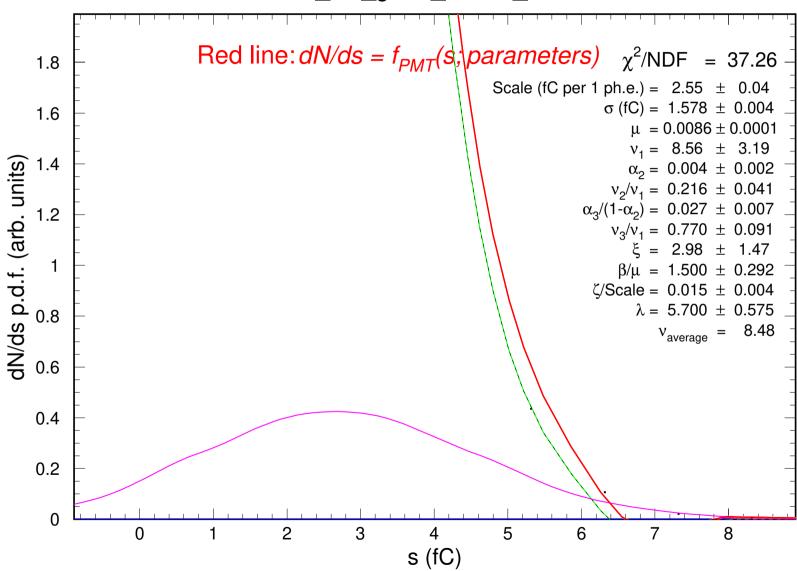


# CA7811\_w2\_g064\_v1000\_t227.15.txt

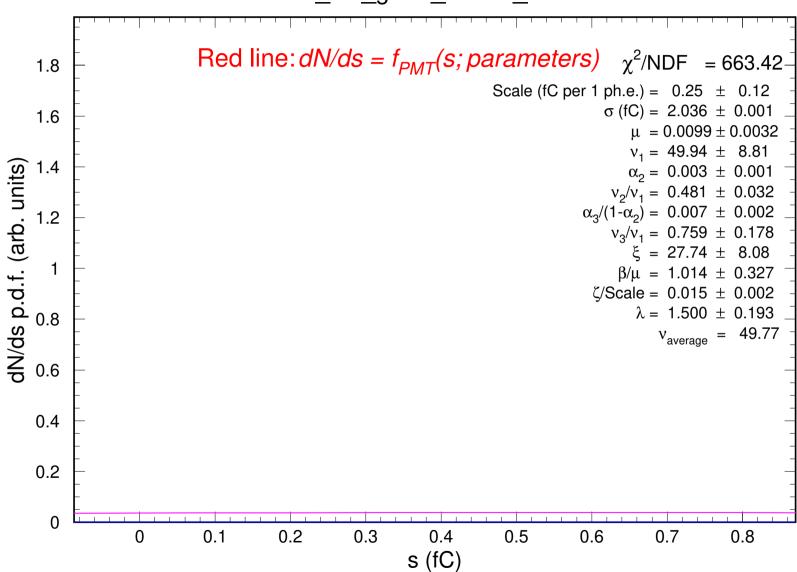


#### CA7811\_w2\_g064\_v1000\_t227.16.txt Red line: $dN/ds = f_{PMT}(s; parameters) \chi^2/NDF = 1075.89$ 1.8 Scale (fC per 1 ph.e.) = $6.54 \pm 0.02$ $\sigma$ (fC) = 2.569 $\pm$ 0.002 1.6 $\mu = 0.0203 \pm 0.0002$ $v_1 = 52.00 \pm 0.12$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.003 \pm 0.001$ $v_2/v_1 = 0.188 \pm 0.077$ $\alpha_3/(1-\alpha_2) = 0.003 \pm 0.001$ 1.2 $v_3/v_1 = 0.616 \pm 0.152$ $\xi = 40.84 \pm 8.75$ $\beta/\mu = 1.500 \pm 0.038$ $\zeta$ /Scale = 0.040 ± 0.007 $\lambda = 1.500 \pm 0.294$ 8.0 $v_{average} = 51.79$ 0.6 0.4 0.2 0 5 10 15 20 0 s (fC)

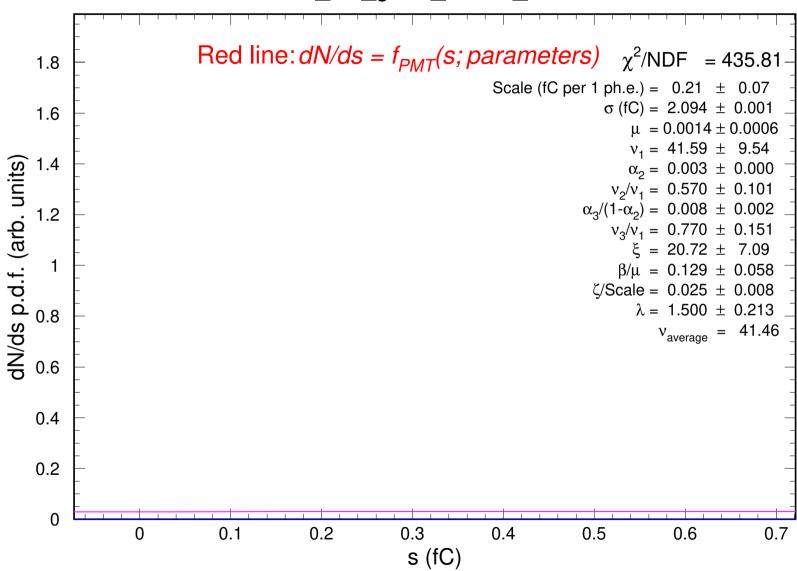
## CA7811\_w2\_g064\_v1000\_t227.17.txt



# CA7811\_w2\_g064\_v1000\_t227.18.txt



# CA7811\_w2\_g064\_v1000\_t227.19.txt



#### CA7811\_w2\_g064\_v1000\_t227.20.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 2123.95$ 1.8 Scale (fC per 1 ph.e.) = $0.16 \pm 0.08$ $\sigma$ (fC) = 1.911 ± 0.001 1.6 $\mu = 0.0011 \pm 0.0005$ $v_1 = 39.56 \pm 11.34$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.003 \pm 0.000$ $v_2/v_1 = 0.570 \pm 0.081$ $\alpha_2/(1-\alpha_2) = 0.007 \pm 0.002$ 1.2 $v_3/v_1 = 0.770 \pm 0.110$ $\xi = 24.25 \pm 7.09$ $\beta/\mu = 0.129 \pm 0.058$ $\zeta$ /Scale = 0.015 ± 0.002 $\lambda = 1.510 \pm 0.191$ 8.0 $v_{average} = 39.44$ 0.6 0.4 0.2

0.2

s (fC)

0.3

0.4

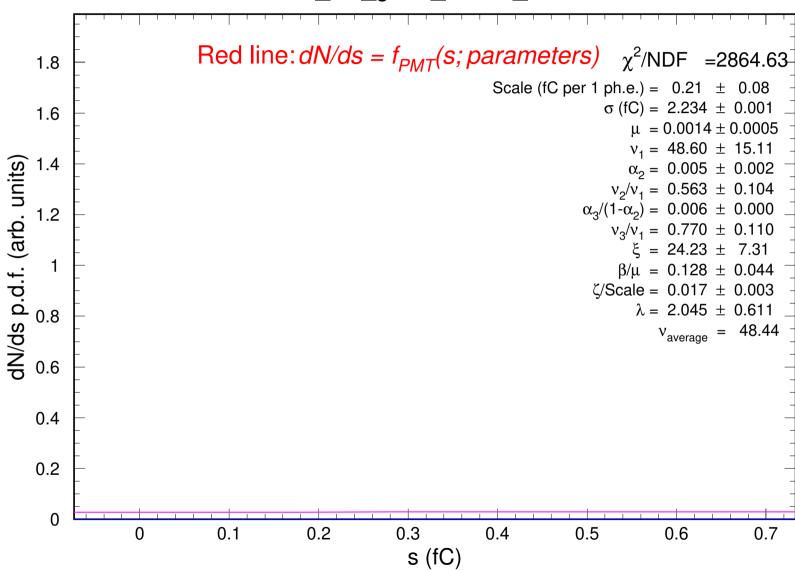
0.5

0

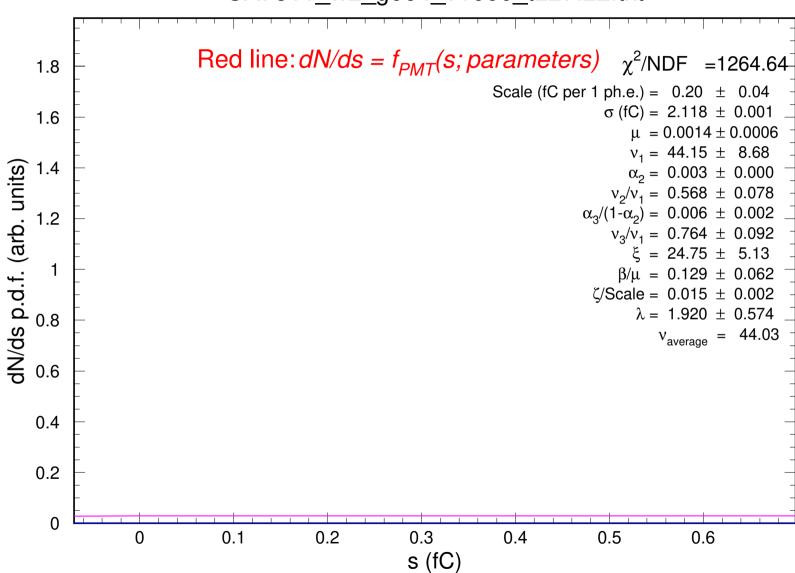
0

0.1

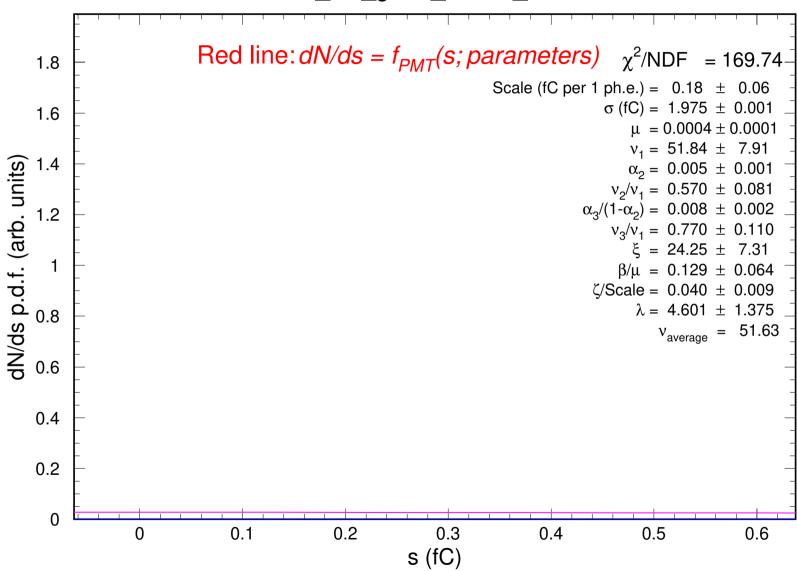
# CA7811\_w2\_g064\_v1000\_t227.21.txt



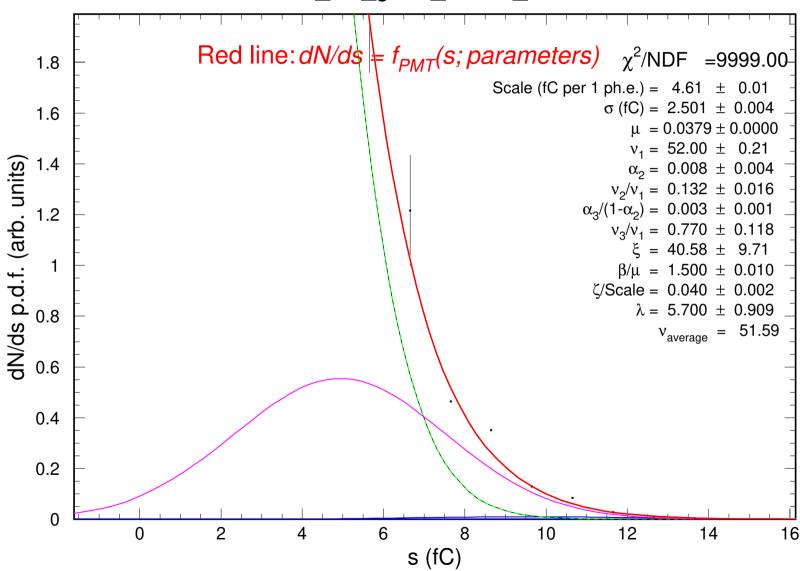
# CA7811\_w2\_g064\_v1000\_t227.22.txt



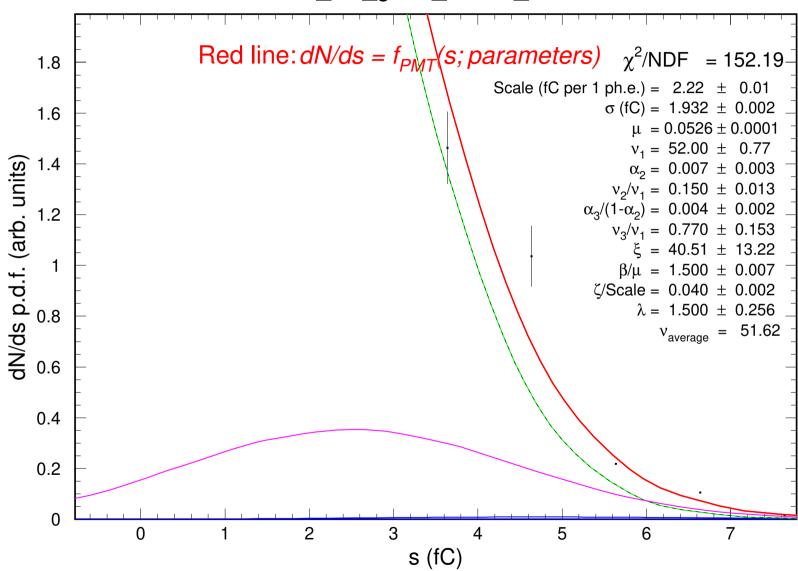
# CA7811\_w2\_g064\_v1000\_t227.23.txt

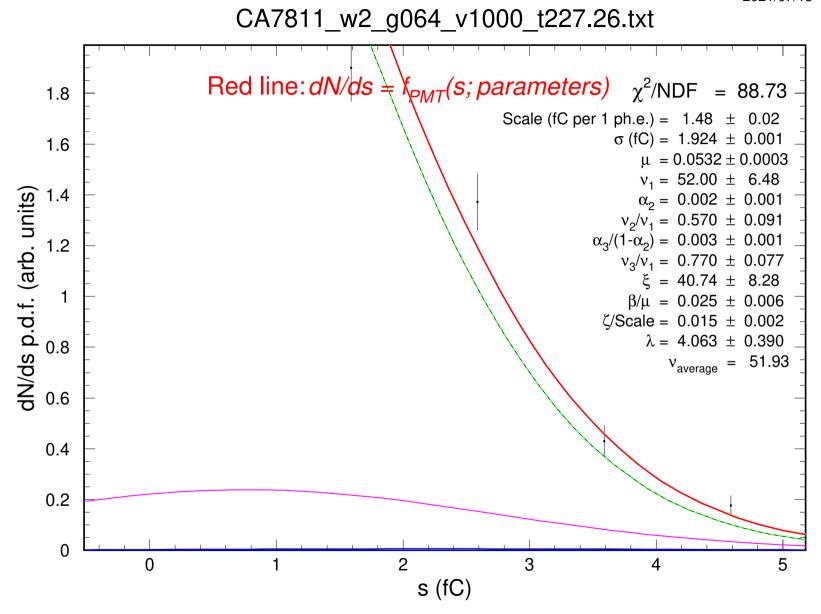


## CA7811\_w2\_g064\_v1000\_t227.24.txt

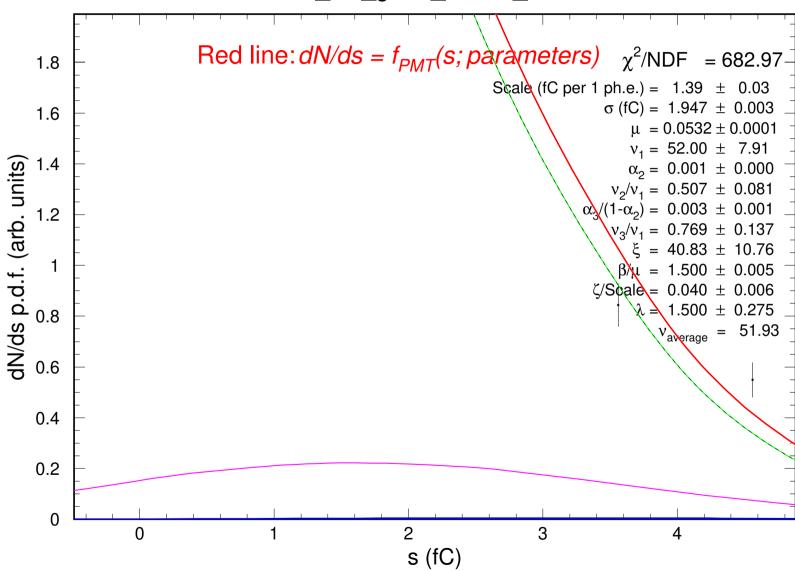


# CA7811\_w2\_g064\_v1000\_t227.25.txt

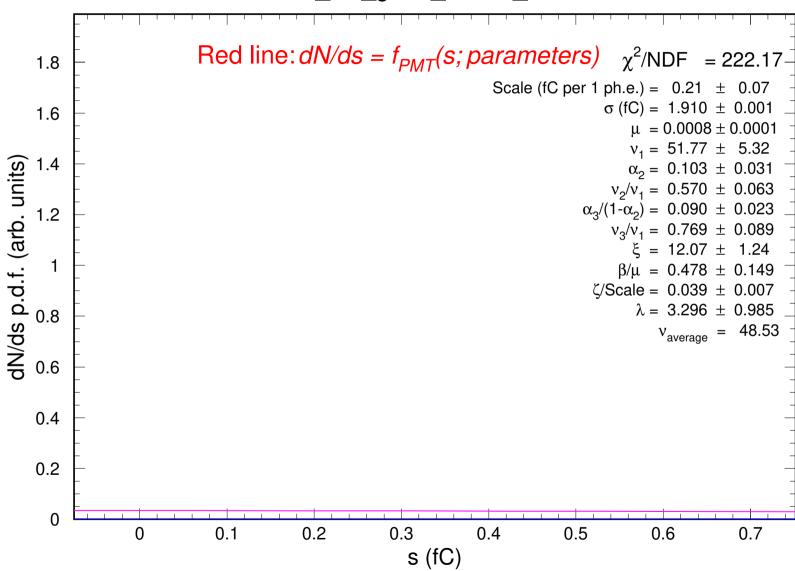




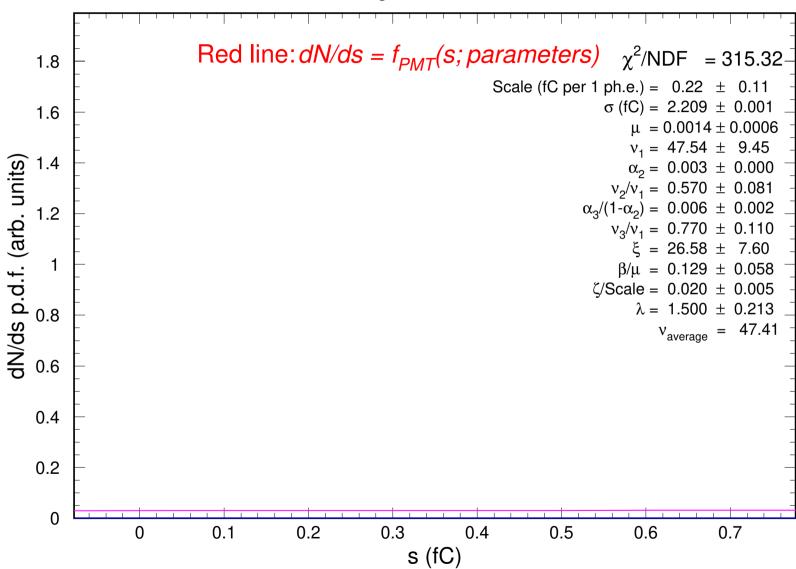
# CA7811\_w2\_g064\_v1000\_t227.27.txt



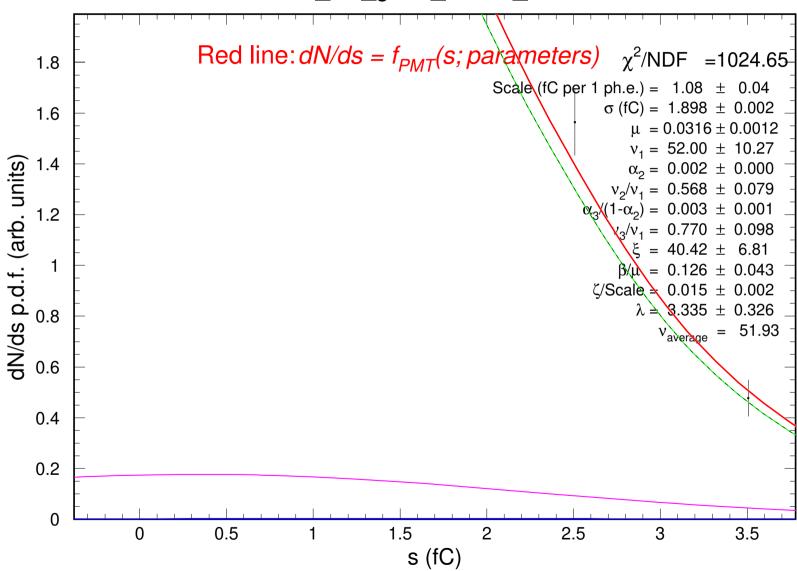
# CA7811\_w2\_g064\_v1000\_t227.28.txt



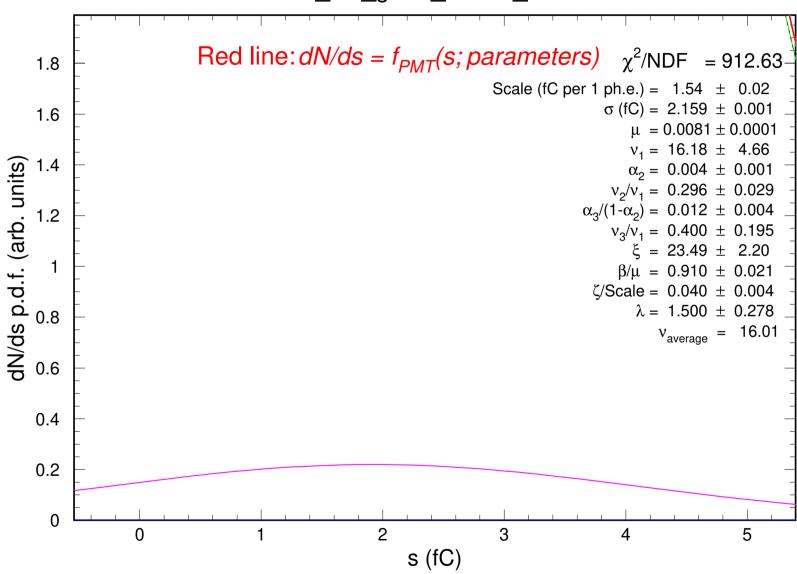
# CA7811\_w2\_g064\_v1000\_t227.29.txt



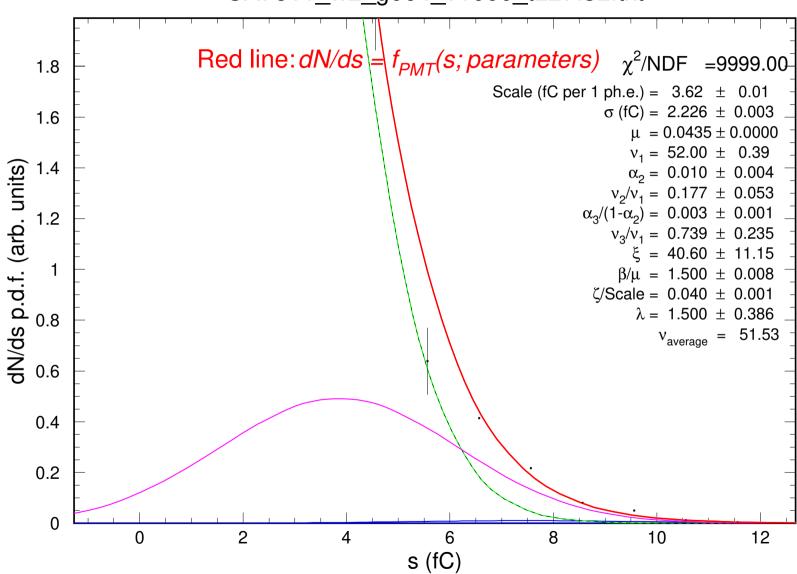
# CA7811\_w2\_g064\_v1000\_t227.30.txt



# CA7811\_w2\_g064\_v1000\_t227.31.txt



## CA7811\_w2\_g064\_v1000\_t227.32.txt



#### CA7811\_w2\_g064\_v1000\_t227.33.txt Red line: $dN/ds = f_{PMT}(s; parameters) \chi^2/NDF = 30.90$ 1.8 Scale (fC per 1 ph.e.) = $2.02 \pm 0.16$ $\sigma$ (fC) = 2.293 $\pm$ 0.003 1.6 $\mu = 0.0436 \pm 0.0129$ $v_1 = 52.00 \pm 6.99$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.002 \pm 0.001$ $v_2/v_1 = 0.469 \pm 0.091$ $\alpha_3/(1-\alpha_2) = 0.003 \pm 0.001$ 1.2 $v_3/v_1 = 0.770 \pm 0.107$ $\xi = 40.66 \pm 8.86$ $\beta/\mu = 1.500 \pm 0.189$ $\zeta$ /Scale = 0.040 ± 0.005 $\lambda = 1.500 \pm 0.202$ 8.0 $v_{average} = 51.91$ 0.6 0.4 0.2

3

s (fC)

5

4

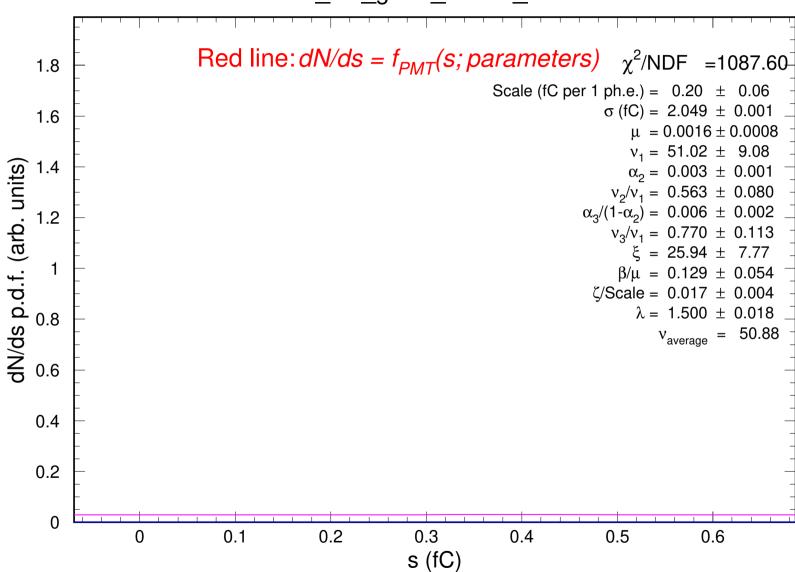
6

2

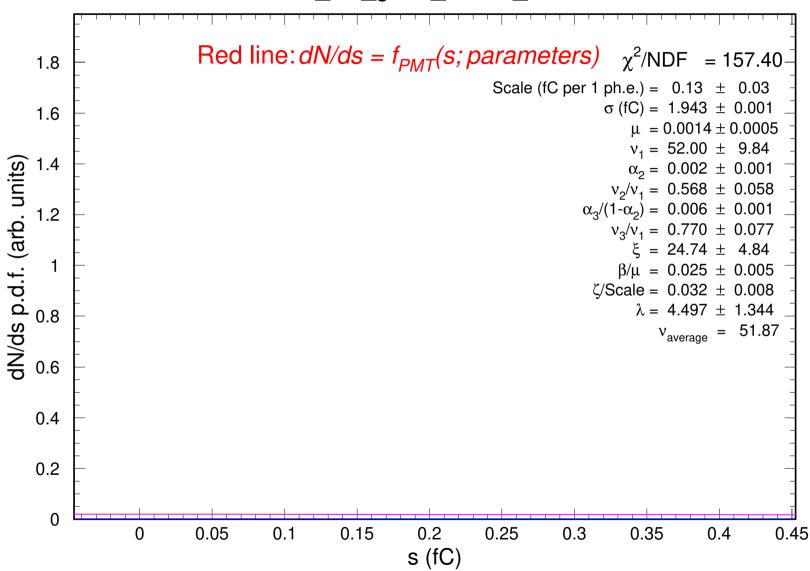
0

0

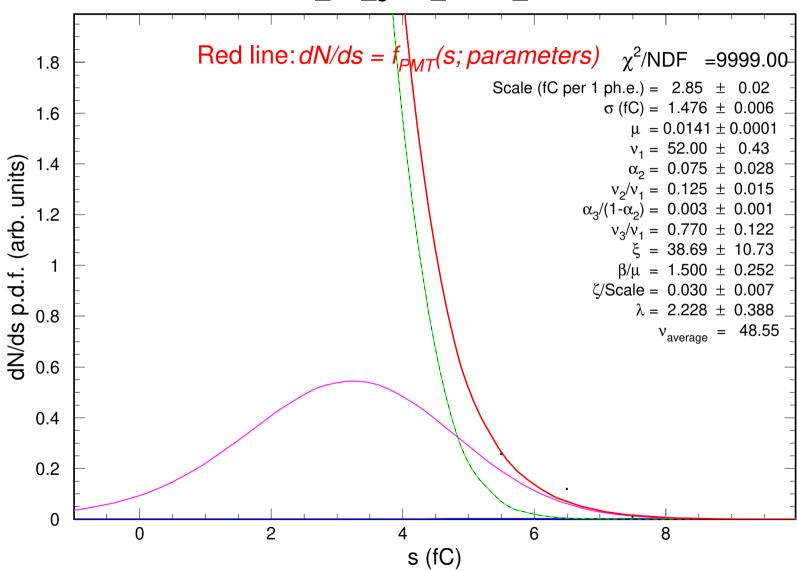
# CA7811\_w2\_g064\_v1000\_t227.34.txt



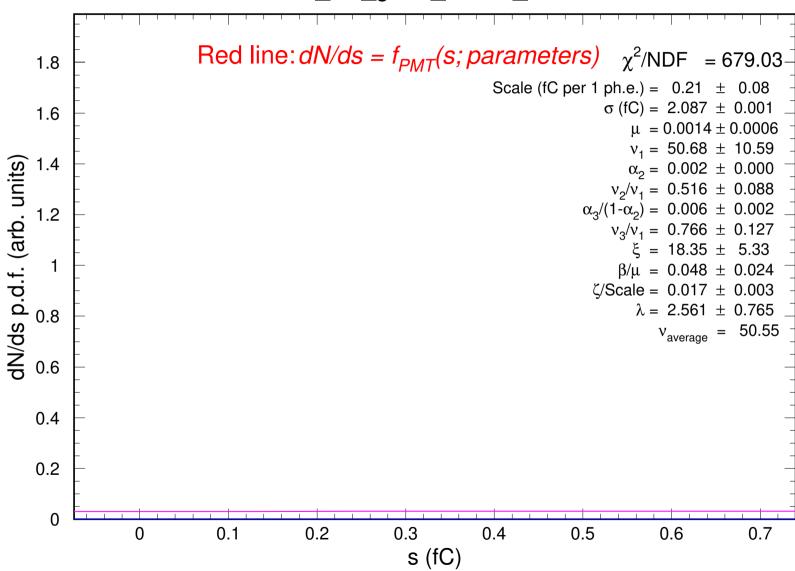
# CA7811\_w2\_g064\_v1000\_t227.35.txt



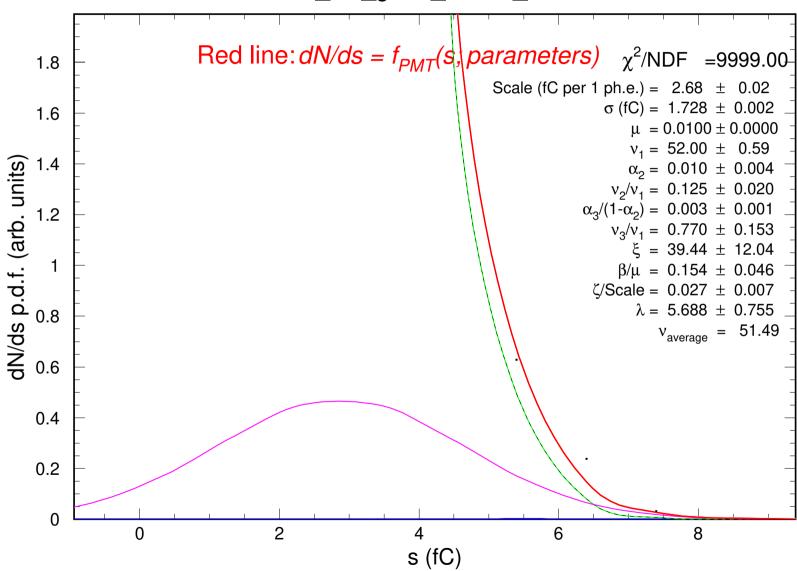
# CA7811\_w2\_g064\_v1000\_t227.36.txt



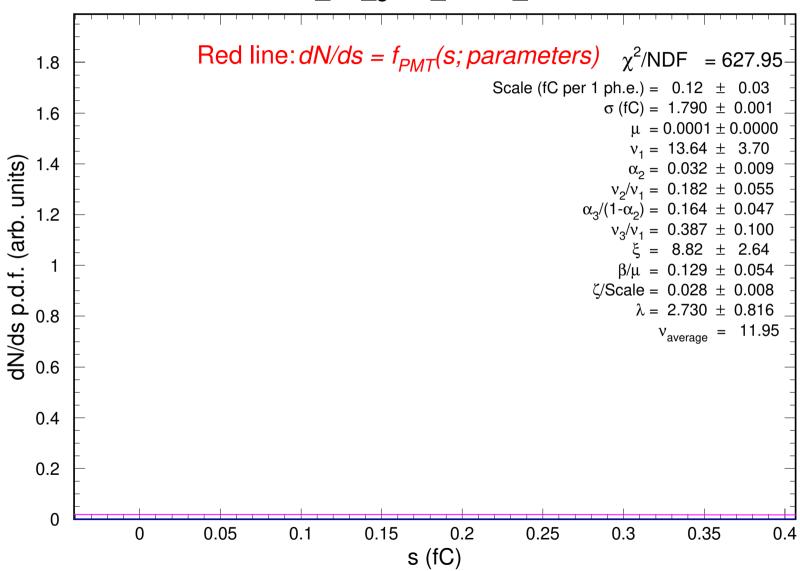
#### CA7811\_w2\_g064\_v1000\_t227.37.txt



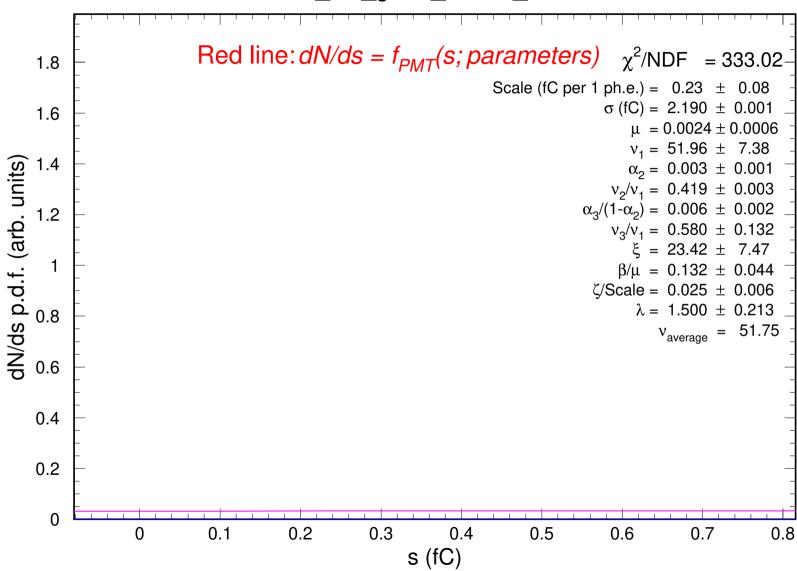
## CA7811\_w2\_g064\_v1000\_t227.38.txt



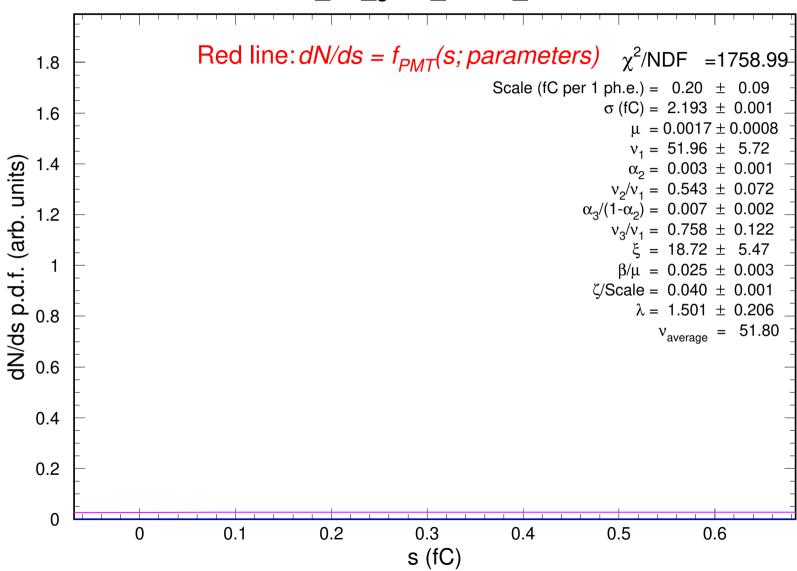
#### CA7811\_w2\_g064\_v1000\_t227.39.txt



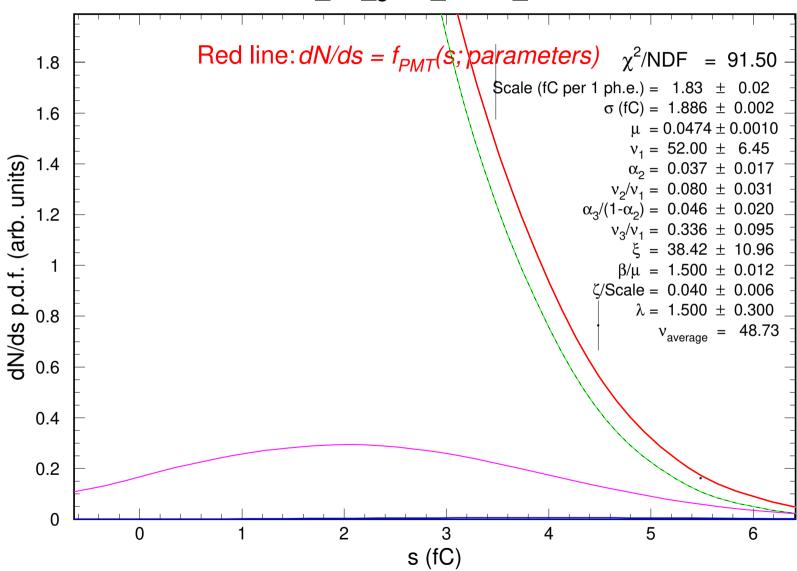
### CA7811\_w2\_g064\_v1000\_t227.40.txt



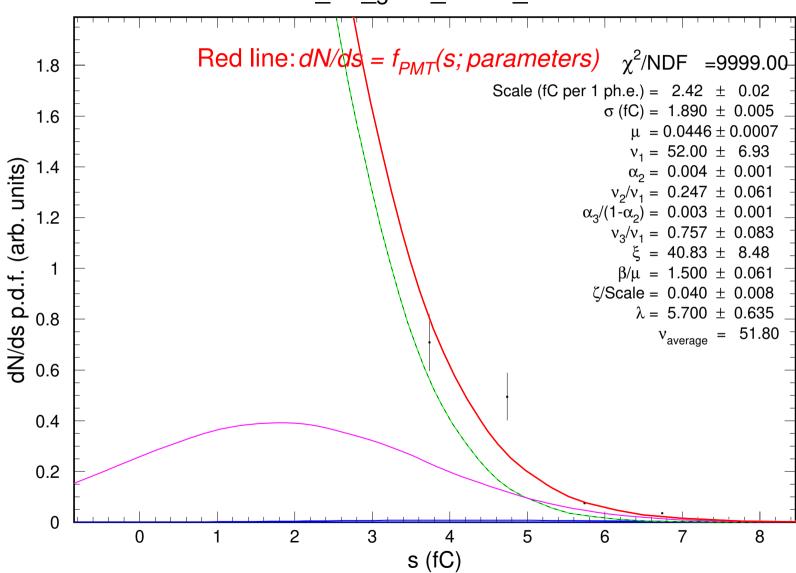
#### CA7811\_w2\_g064\_v1000\_t227.41.txt



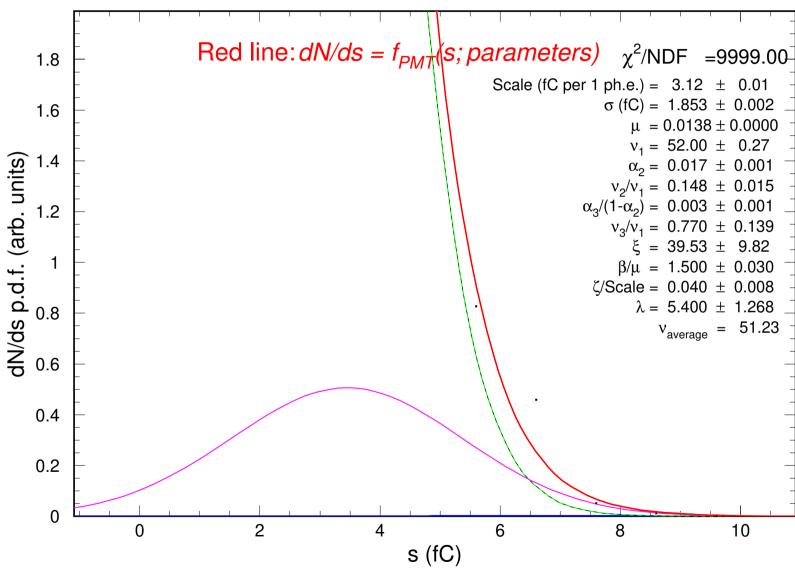
#### CA7811\_w2\_g064\_v1000\_t227.42.txt



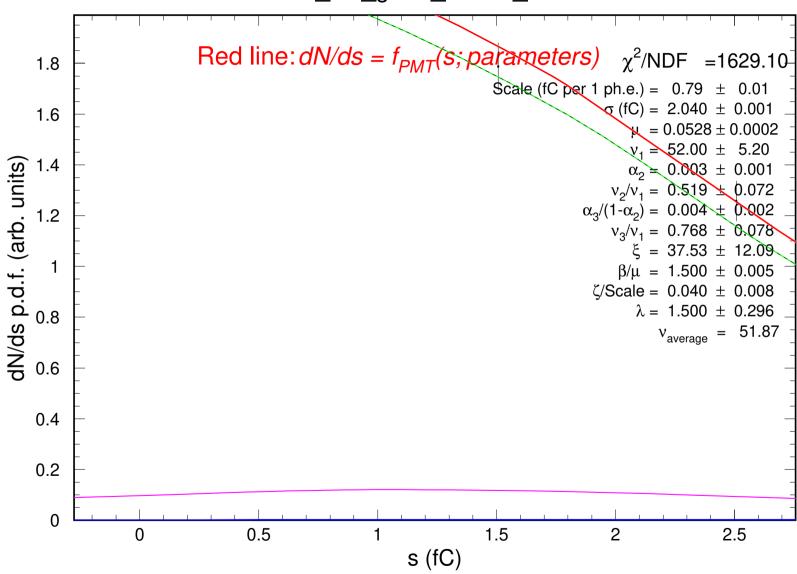
#### CA7811\_w2\_g064\_v1000\_t227.43.txt



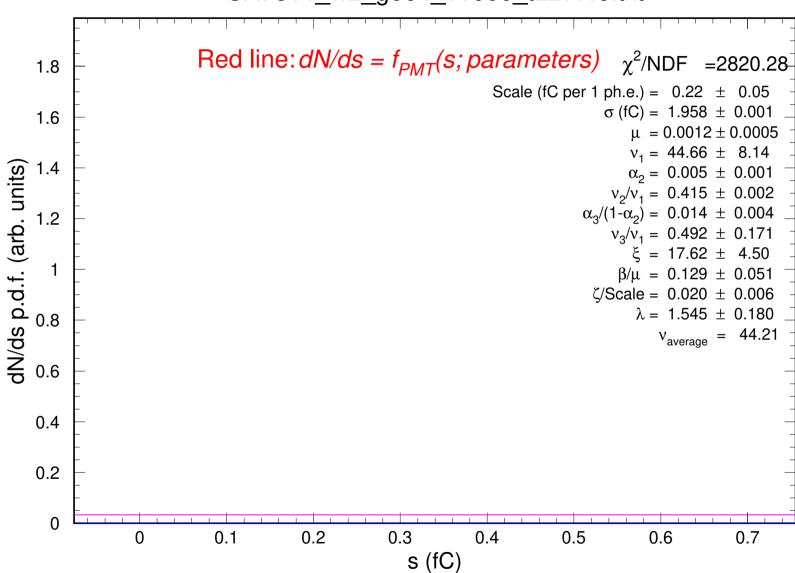
# CA7811\_w2\_g064\_v1000\_t227.44.txt



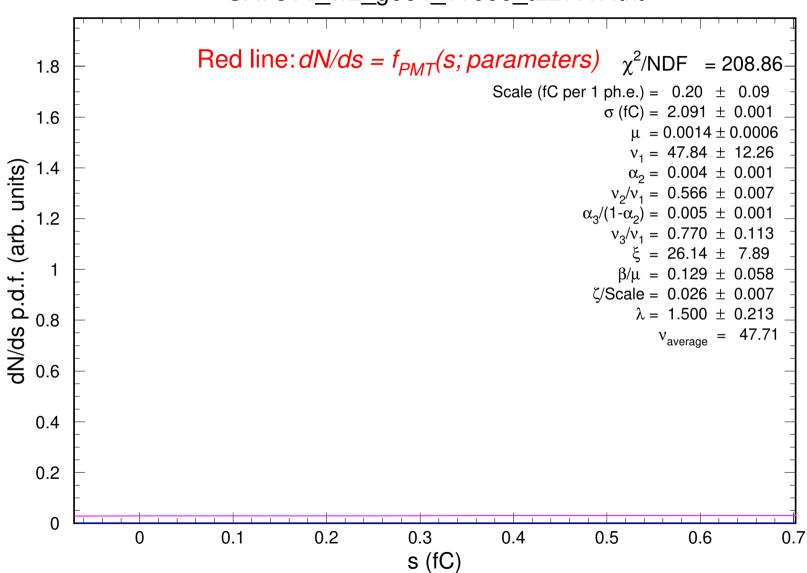
## CA7811\_w2\_g064\_v1000\_t227.45.txt



#### CA7811\_w2\_g064\_v1000\_t227.46.txt

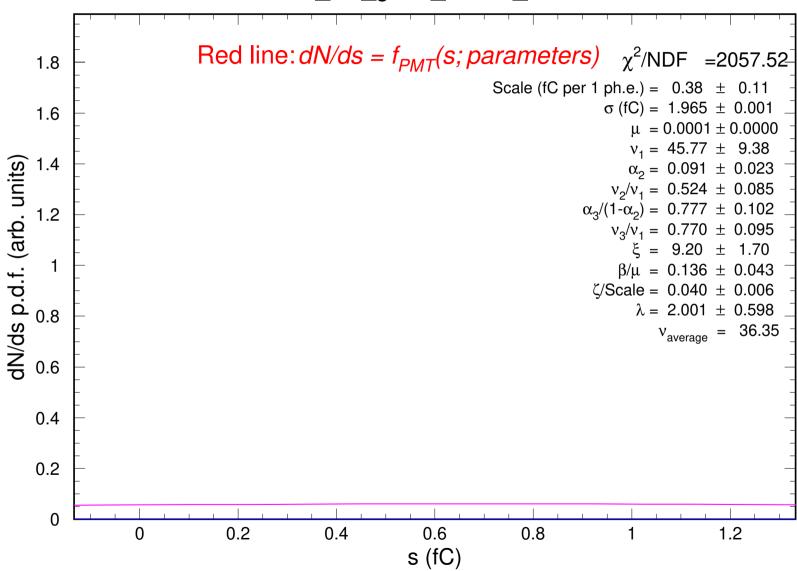


### CA7811\_w2\_g064\_v1000\_t227.47.txt

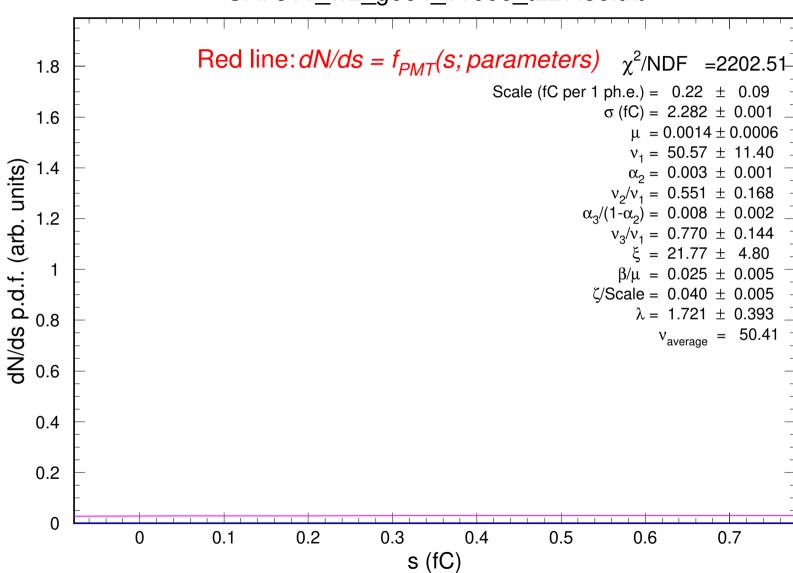


#### CA7811\_w2\_g064\_v1000\_t227.48.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 242.71$ 1.8 Scale (fC per 1 ph.e.) = $0.17 \pm 0.06$ $\sigma$ (fC) = 1.814 ± 0.001 1.6 $\mu = 0.0015 \pm 0.0007$ $v_1 = 52.00 \pm 10.35$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.002 \pm 0.001$ $v_2/v_1 = 0.504 \pm 0.006$ $\alpha_3/(1-\alpha_2) = 0.006 \pm 0.002$ 1.2 $v_3/v_1 = 0.724 \pm 0.133$ $\xi = 20.43 \pm 4.83$ $\beta/\mu = 0.129 \pm 0.064$ $\zeta$ /Scale = 0.019 ± 0.005 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 51.86$ 0.6 0.4 0.2 0 0.1 0.2 0.3 0.4 0.5 0 s (fC)

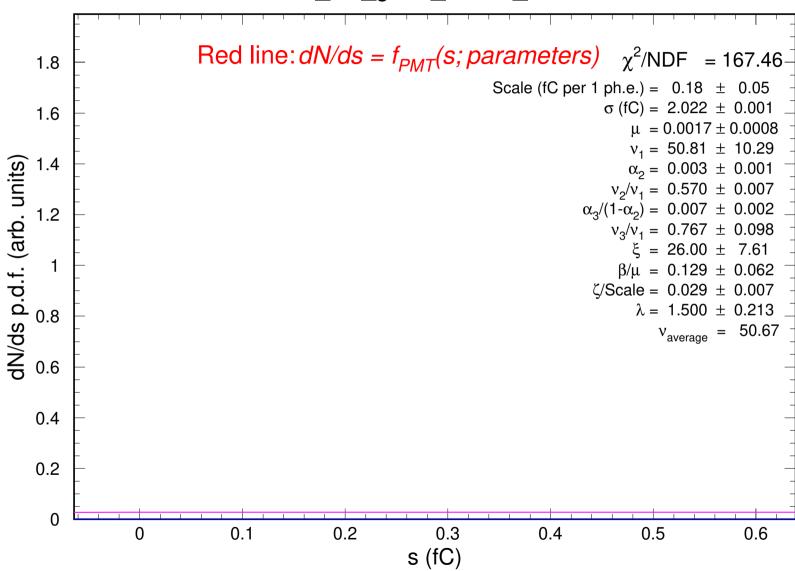
## CA7811\_w2\_g064\_v1000\_t227.49.txt



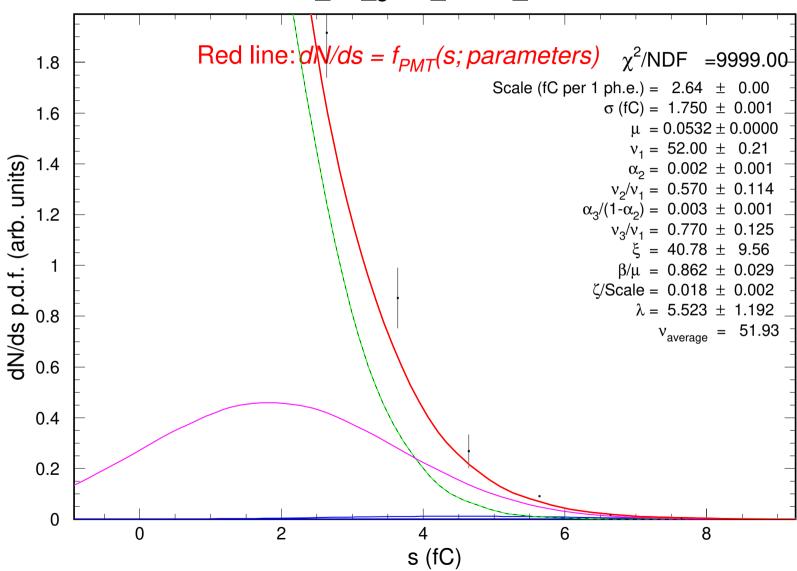
#### CA7811\_w2\_g064\_v1000\_t227.50.txt



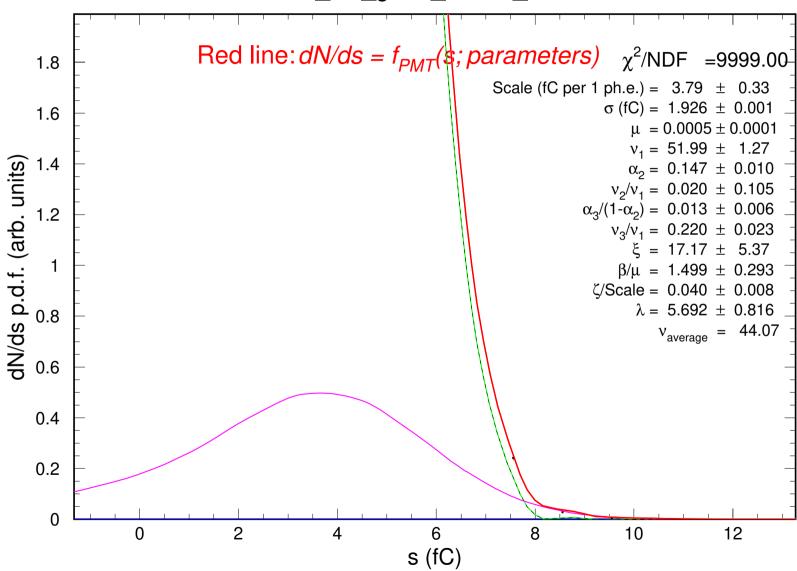
#### CA7811\_w2\_g064\_v1000\_t227.51.txt



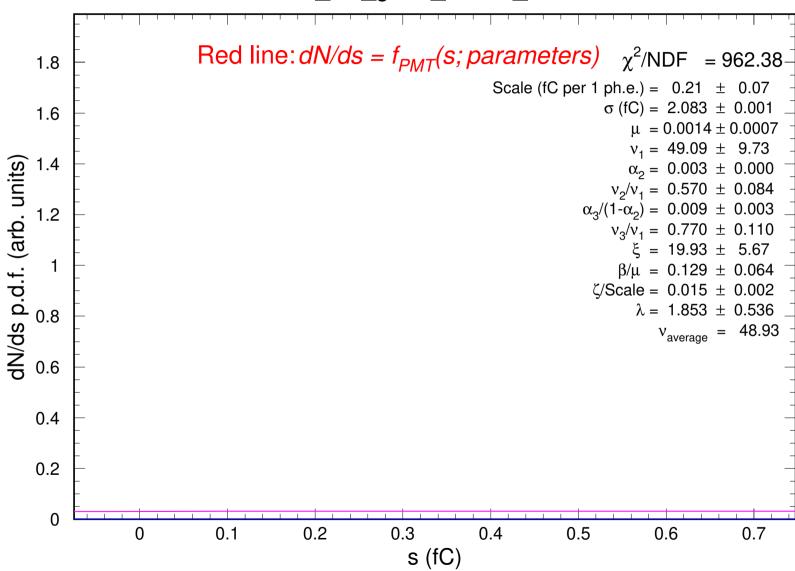
#### CA7811\_w2\_g064\_v1000\_t227.52.txt



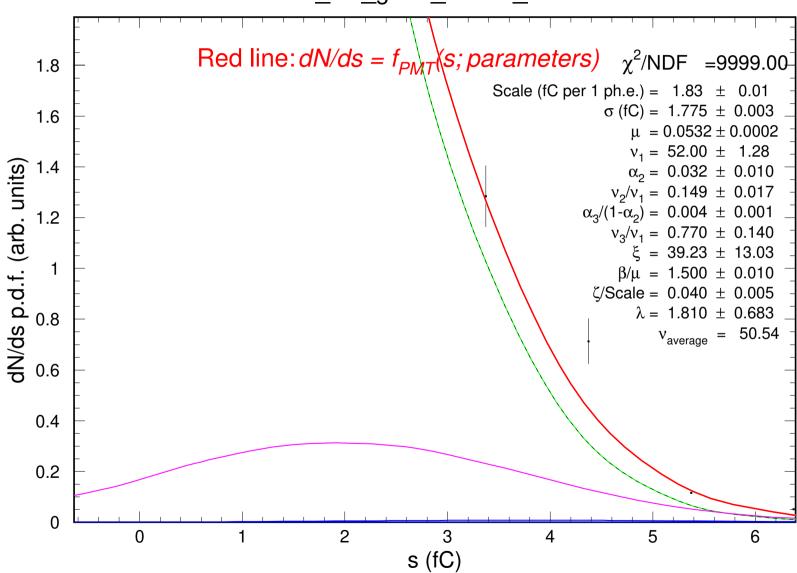
#### CA7811\_w2\_g064\_v1000\_t227.53.txt



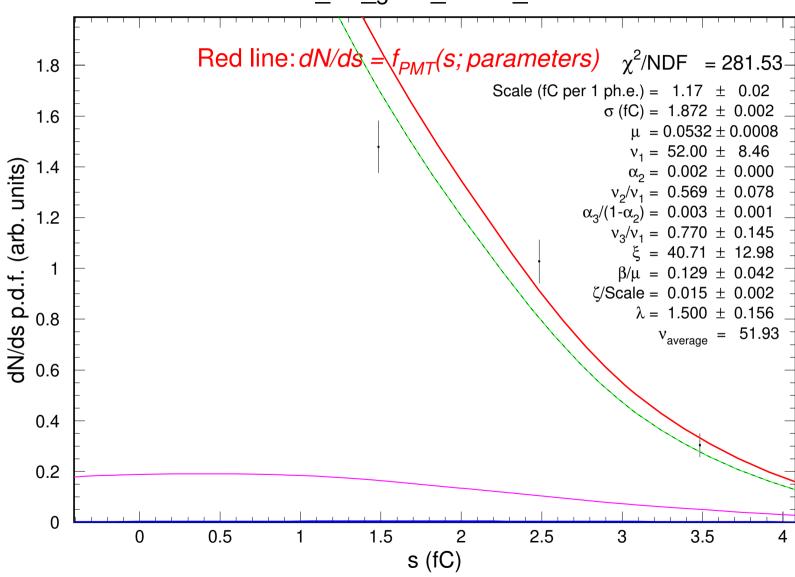
#### CA7811\_w2\_g064\_v1000\_t227.54.txt



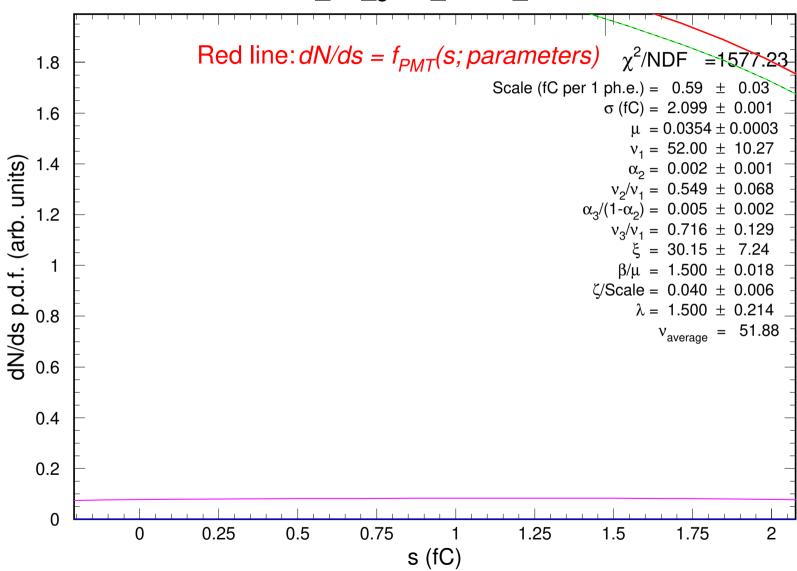
#### CA7811\_w2\_g064\_v1000\_t227.55.txt



## CA7811\_w2\_g064\_v1000\_t227.56.txt

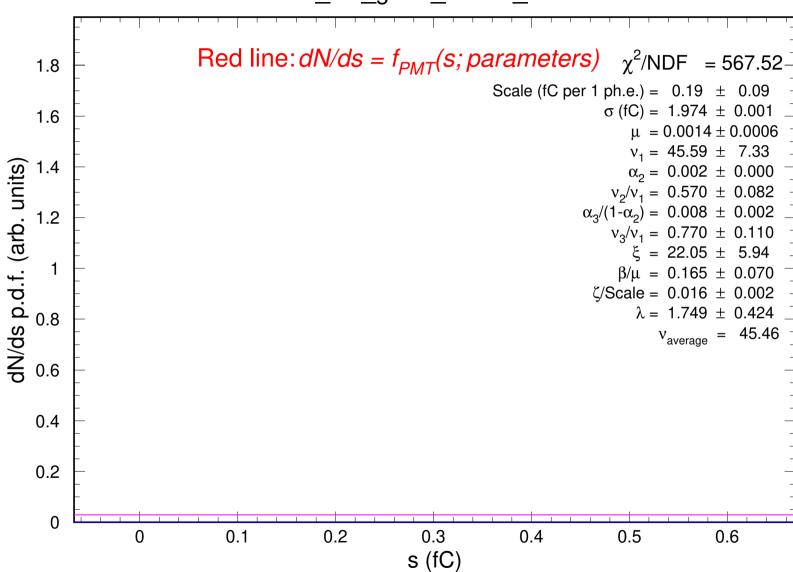


#### CA7811\_w2\_g064\_v1000\_t227.57.txt

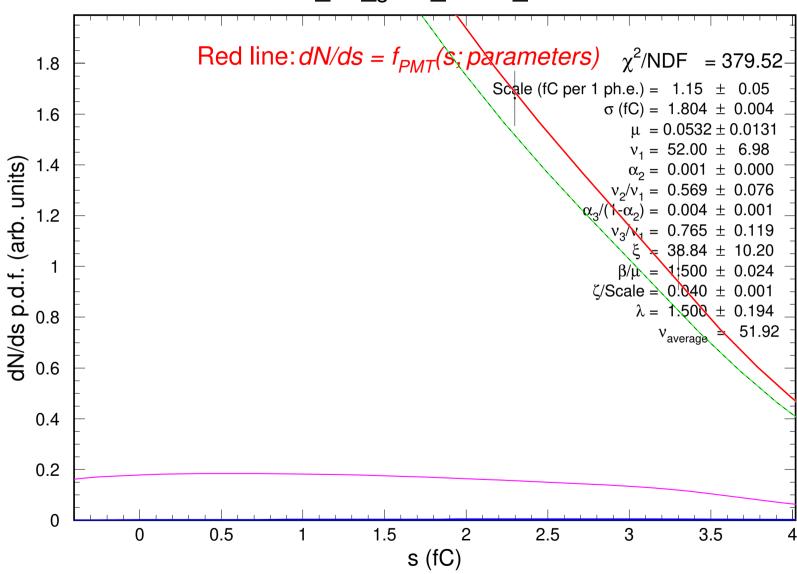


#### CA7811\_w2\_g064\_v1000\_t227.58.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 1797.07$ 1.8 Scale (fC per 1 ph.e.) = $0.28 \pm 0.07$ $\sigma$ (fC) = 2.059 ± 0.001 1.6 $\mu = 0.0003 \pm 0.0001$ $v_1 = 50.57 \pm 10.07$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.005 \pm 0.001$ $v_2/v_1 = 0.429 \pm 0.124$ $\alpha_3/(1-\alpha_2) = 0.019 \pm 0.005$ 1.2 $v_3/v_1 = 0.762 \pm 0.128$ $\xi = 15.26 \pm 5.44$ $\beta/\mu~=~0.053~\pm~0.014$ $\zeta$ /Scale = 0.032 ± 0.009 $\lambda = 2.500 \pm 0.747$ 8.0 $v_{average} = 50.19$ 0.6 0.4 0.2 0 0 0.2 0.4 0.6 0.8 s (fC)

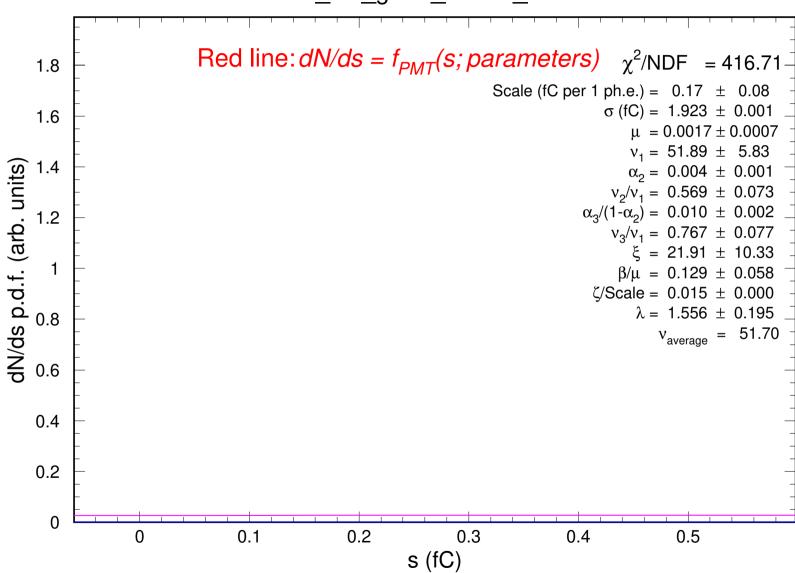
#### CA7811\_w2\_g064\_v1000\_t227.59.txt



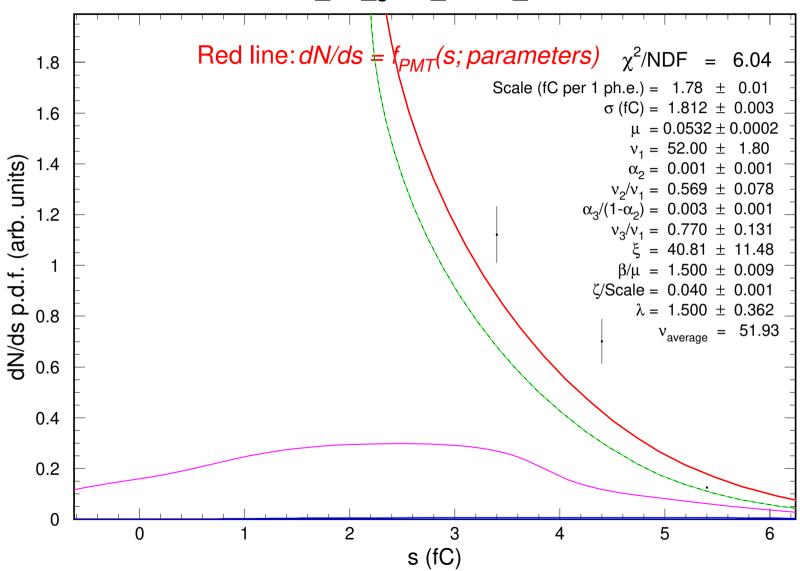
#### CA7811\_w2\_g064\_v1000\_t227.60.txt

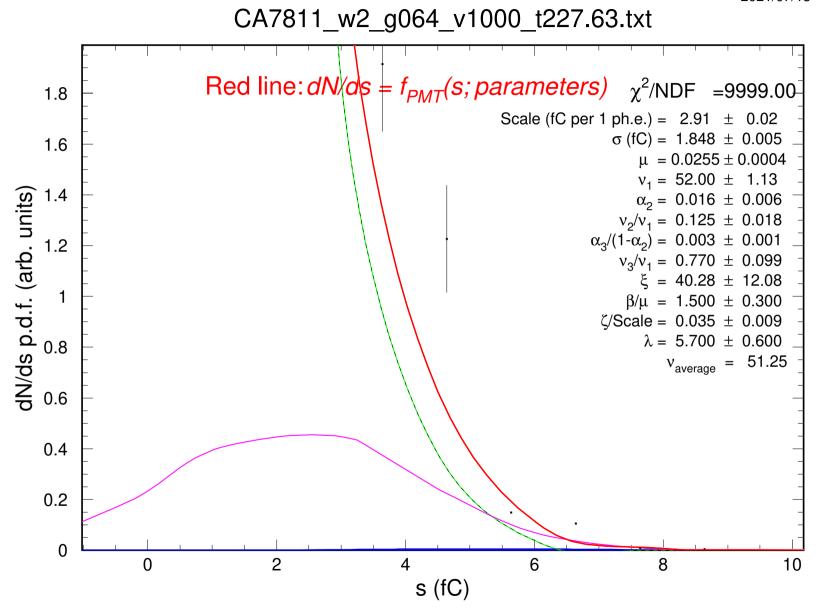


### CA7811\_w2\_g064\_v1000\_t227.61.txt



# CA7811\_w2\_g064\_v1000\_t227.62.txt





#### CA7811\_w2\_g064\_v1000\_t227.64.txt

