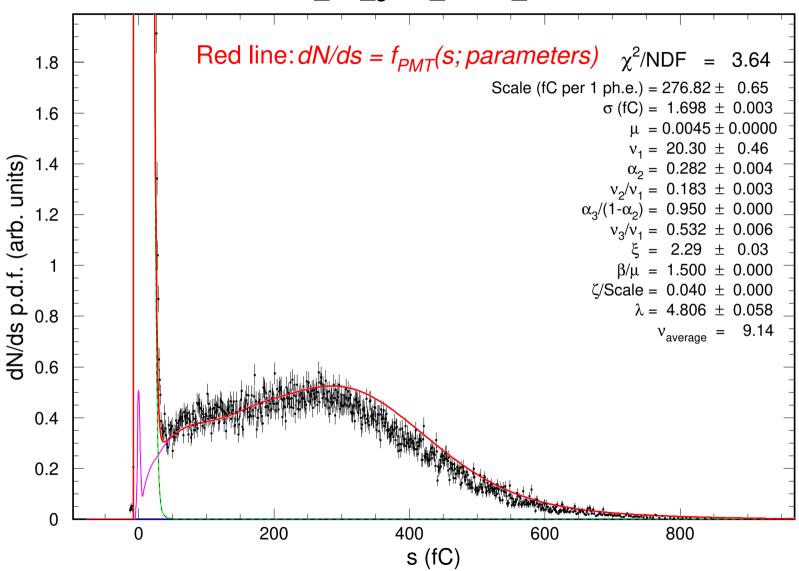
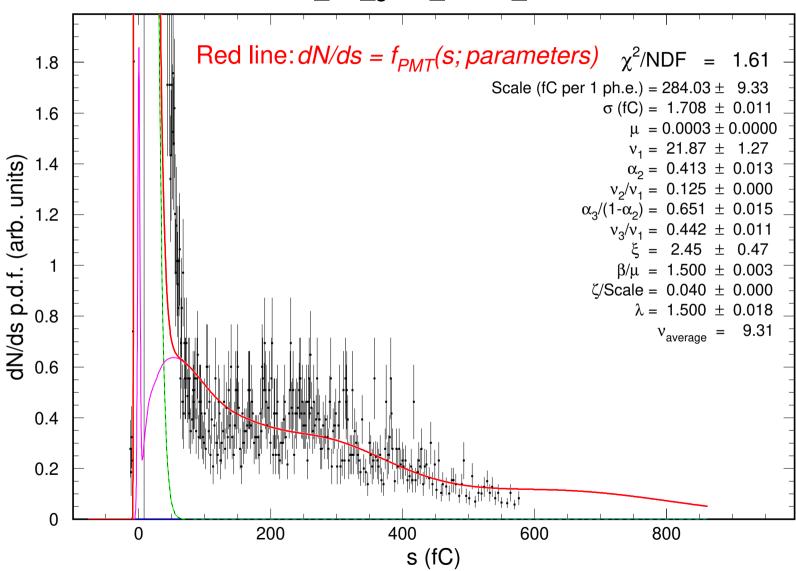
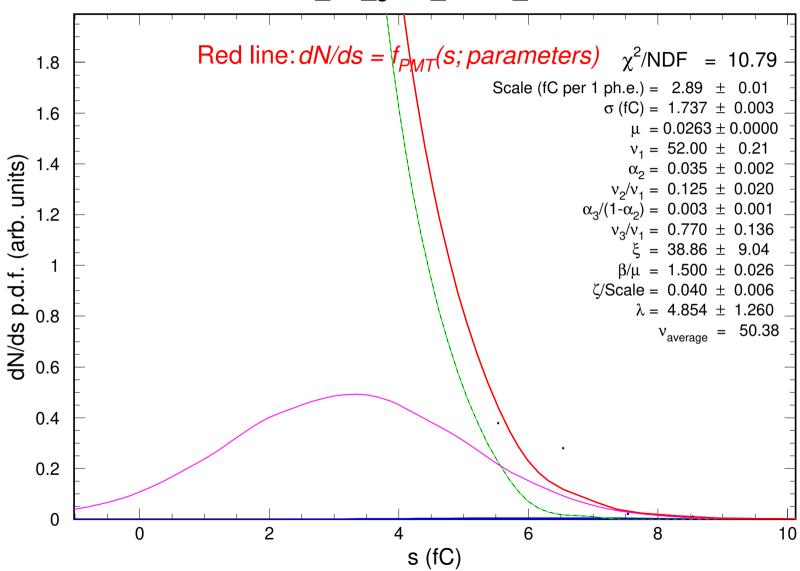
#### CA7811\_w2\_g064\_v1000\_t227.01.txt



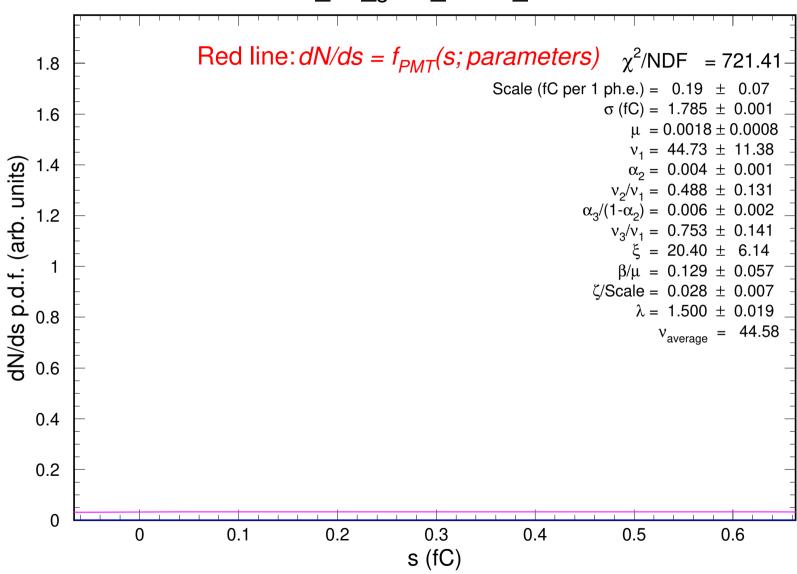
#### CA7811\_w2\_g064\_v1000\_t227.02.txt



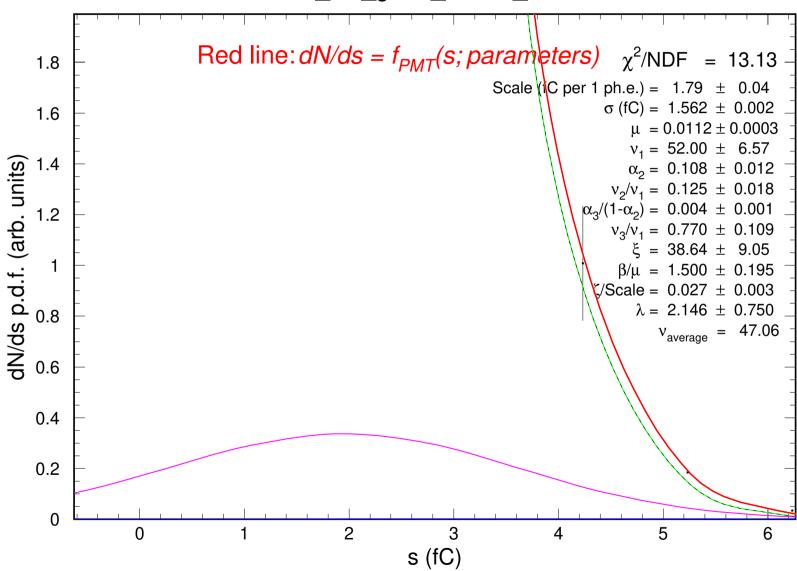
# CA7811\_w2\_g064\_v1000\_t227.03.txt



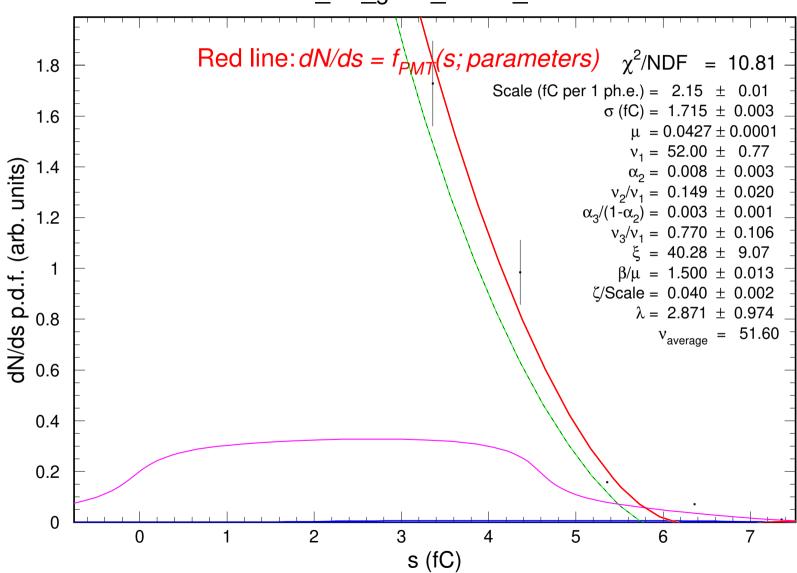
# CA7811\_w2\_g064\_v1000\_t227.04.txt



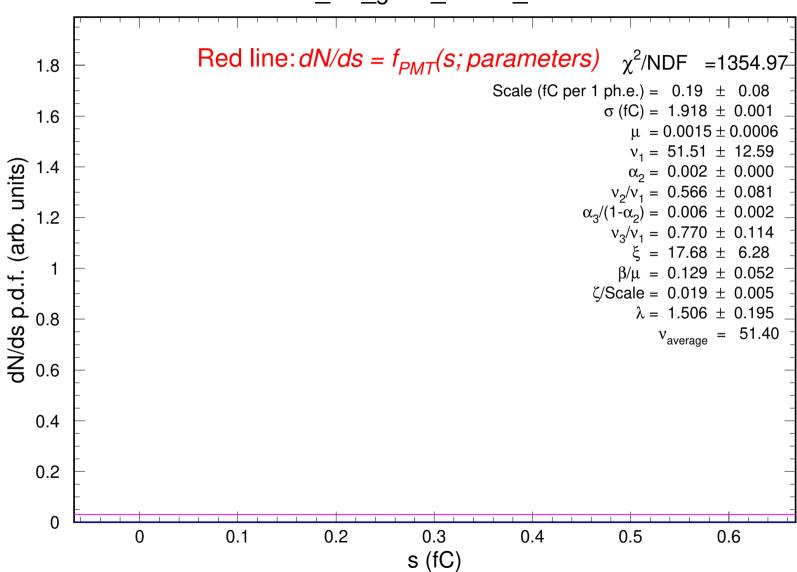
#### CA7811\_w2\_g064\_v1000\_t227.05.txt



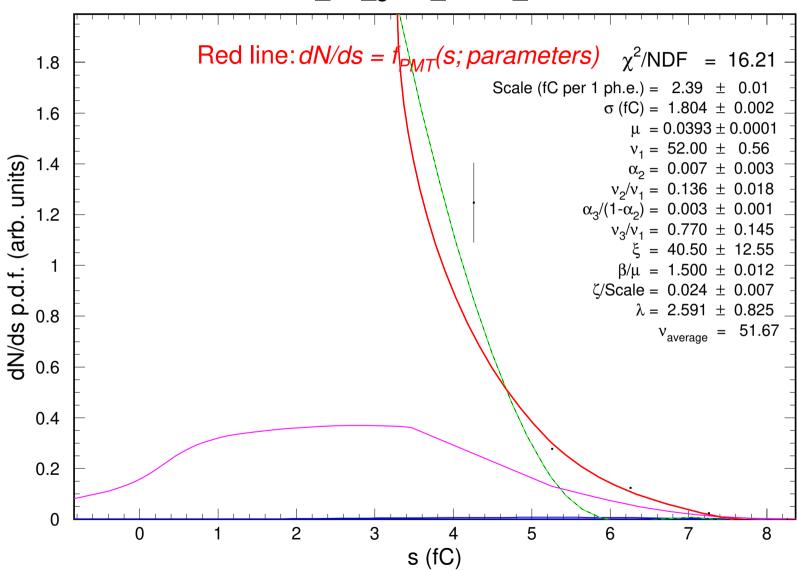
### CA7811\_w2\_g064\_v1000\_t227.06.txt



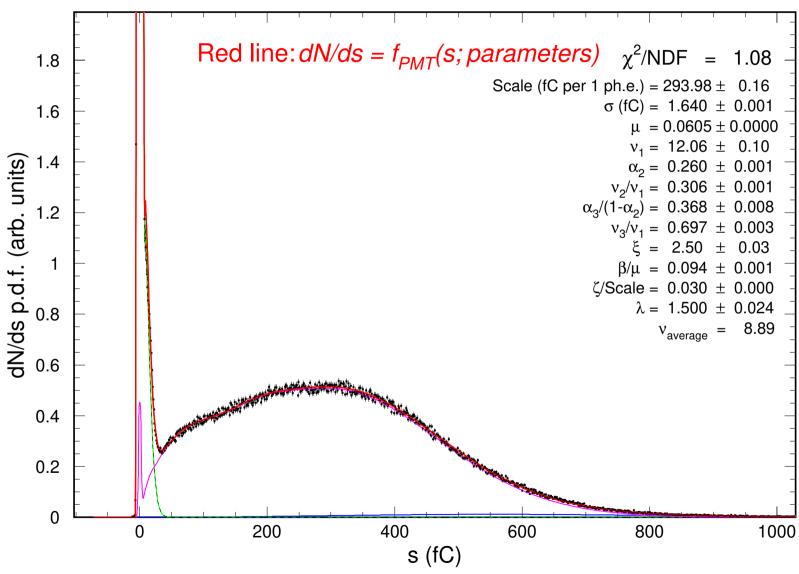
### CA7811\_w2\_g064\_v1000\_t227.07.txt



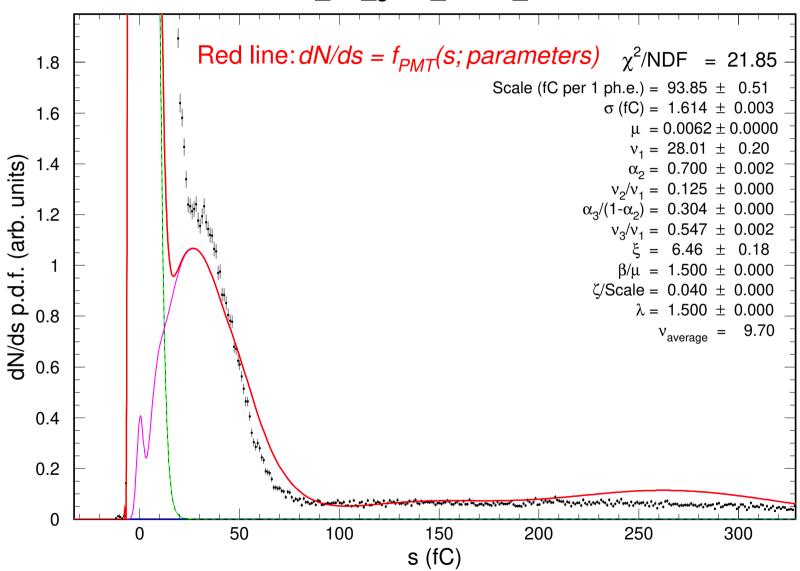
#### CA7811\_w2\_g064\_v1000\_t227.08.txt



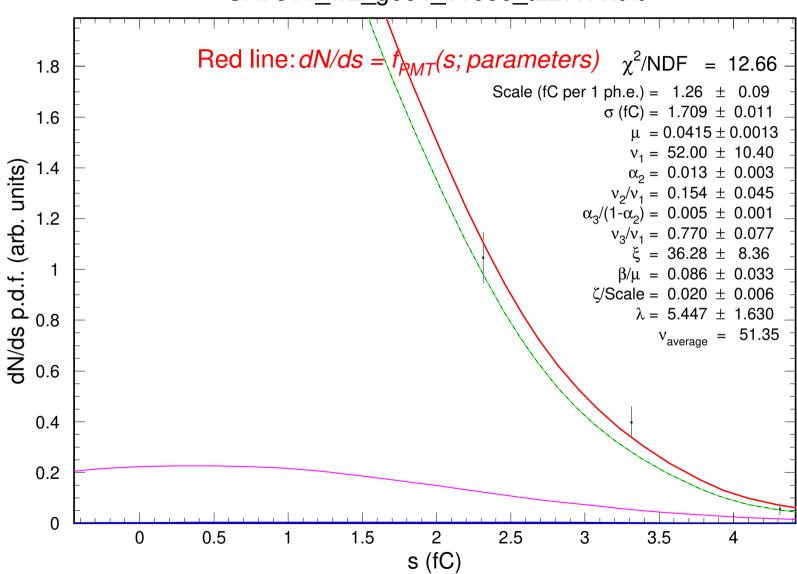
### CA7811\_w2\_g064\_v1000\_t227.09.txt



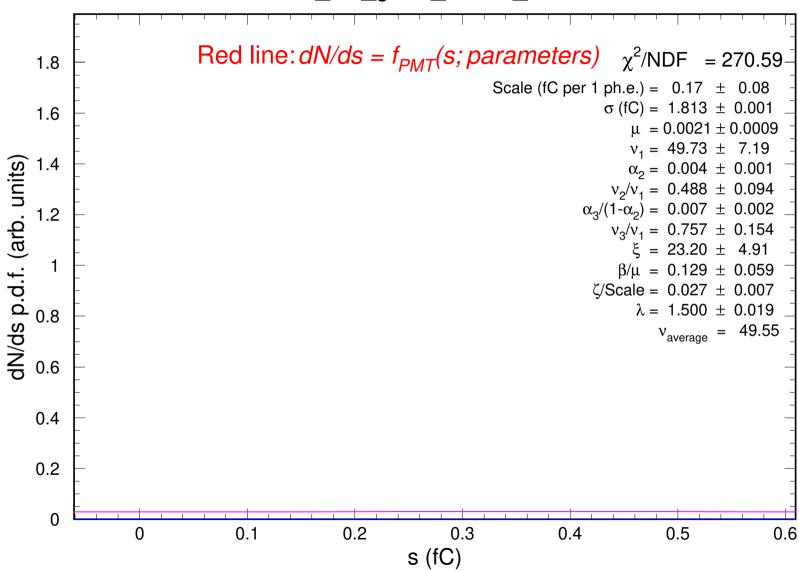
#### CA7811\_w2\_g064\_v1000\_t227.10.txt



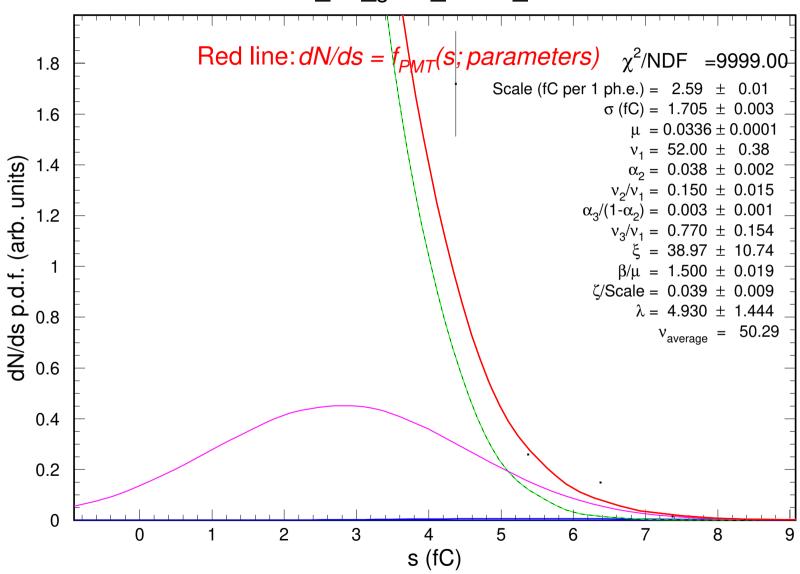
#### CA7811\_w2\_g064\_v1000\_t227.11.txt



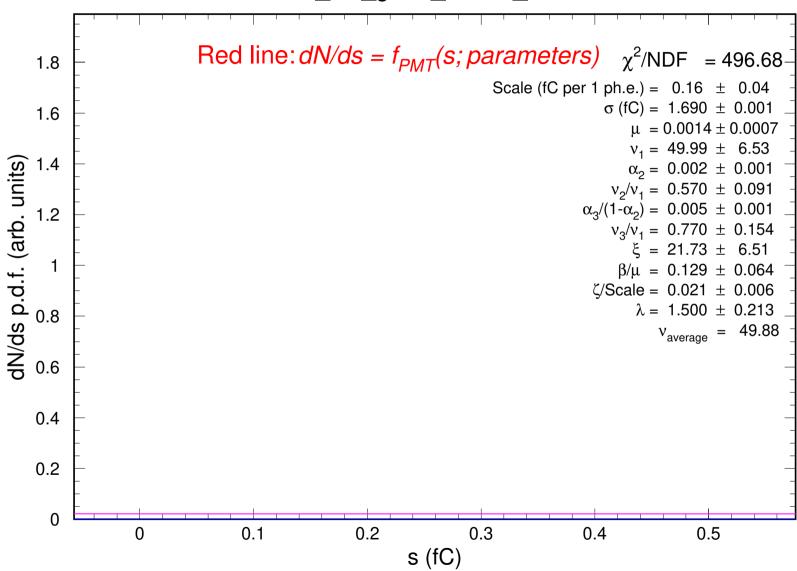
### CA7811\_w2\_g064\_v1000\_t227.12.txt



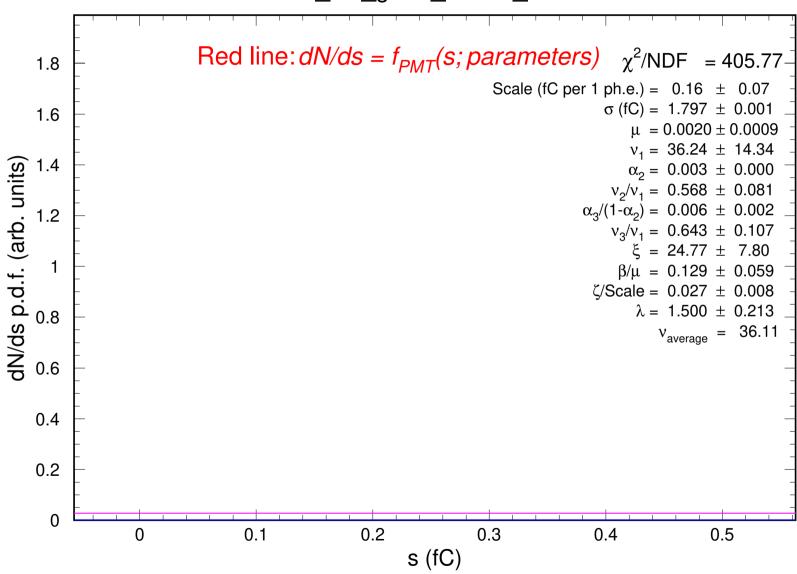
#### CA7811\_w2\_g064\_v1000\_t227.13.txt



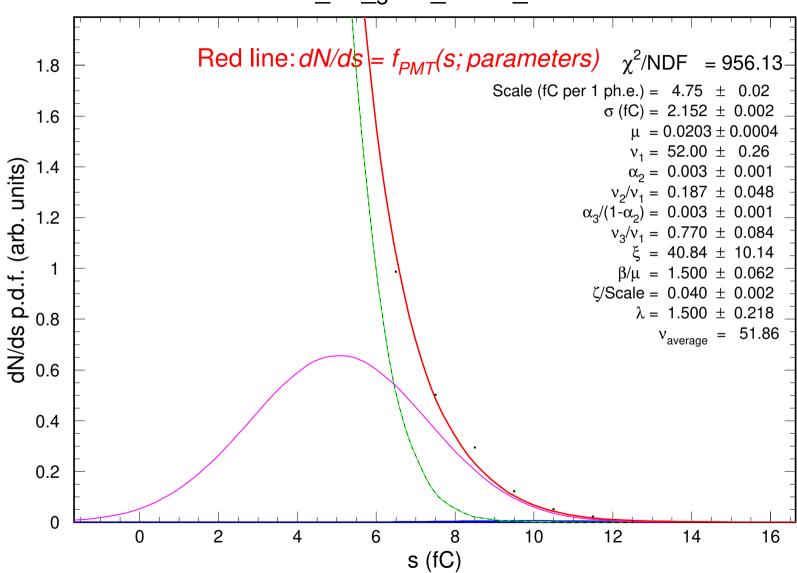
## CA7811\_w2\_g064\_v1000\_t227.14.txt



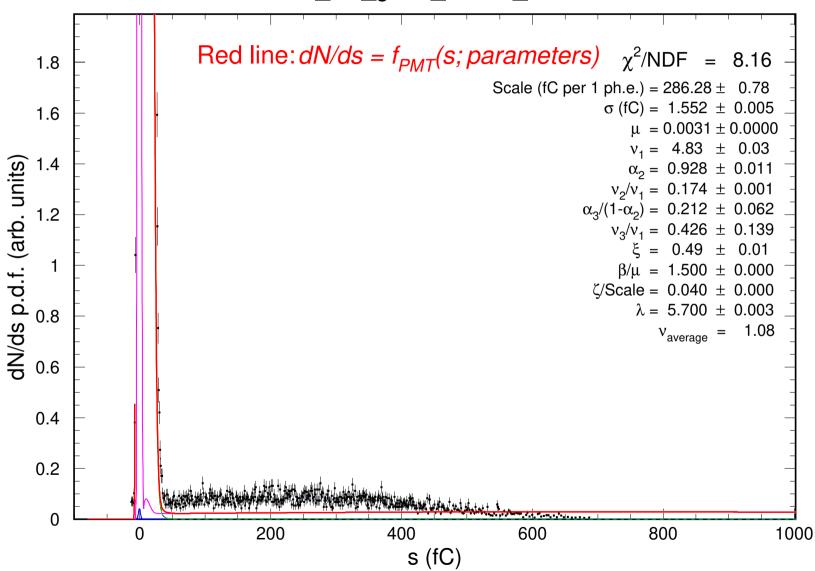
## CA7811\_w2\_g064\_v1000\_t227.15.txt



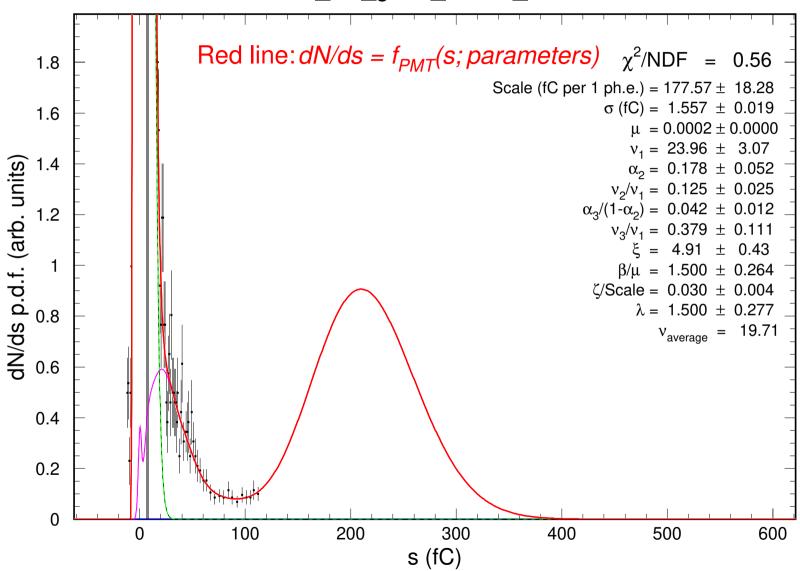
#### CA7811\_w2\_g064\_v1000\_t227.16.txt



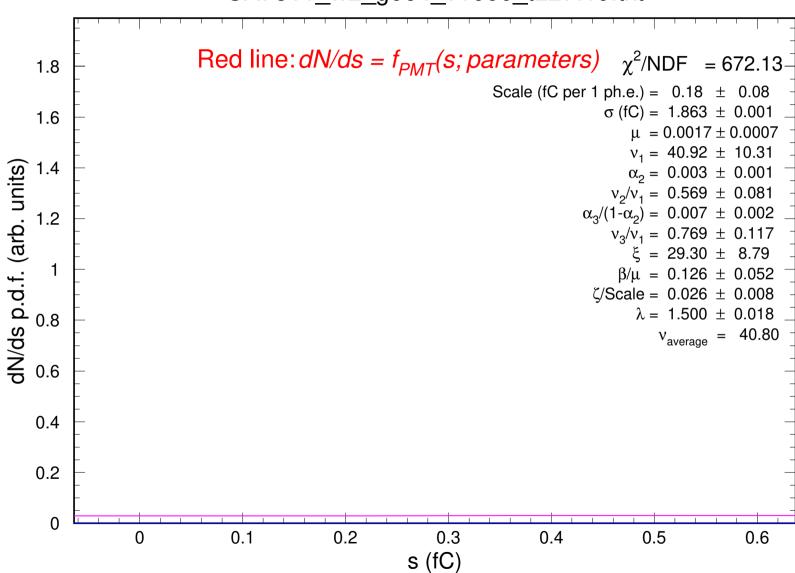
#### CA7811\_w2\_g064\_v1000\_t227.17.txt



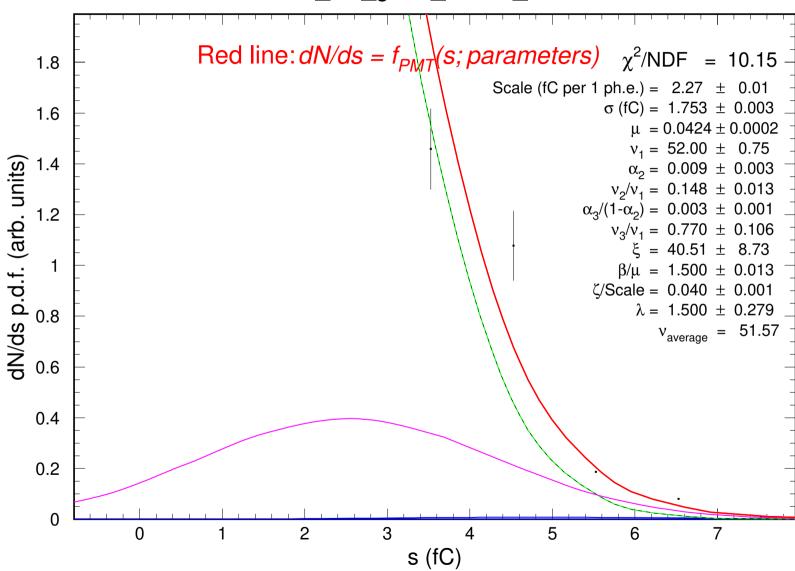
#### CA7811\_w2\_g064\_v1000\_t227.18.txt



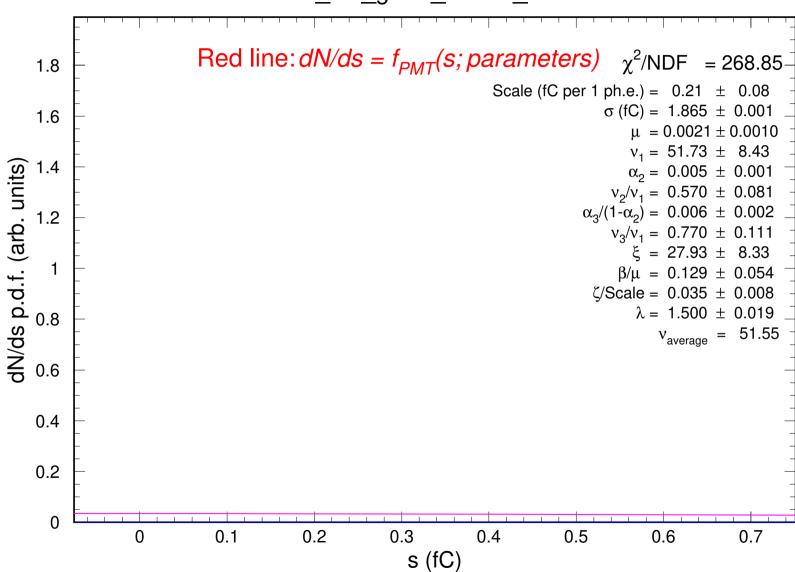
### CA7811\_w2\_g064\_v1000\_t227.19.txt



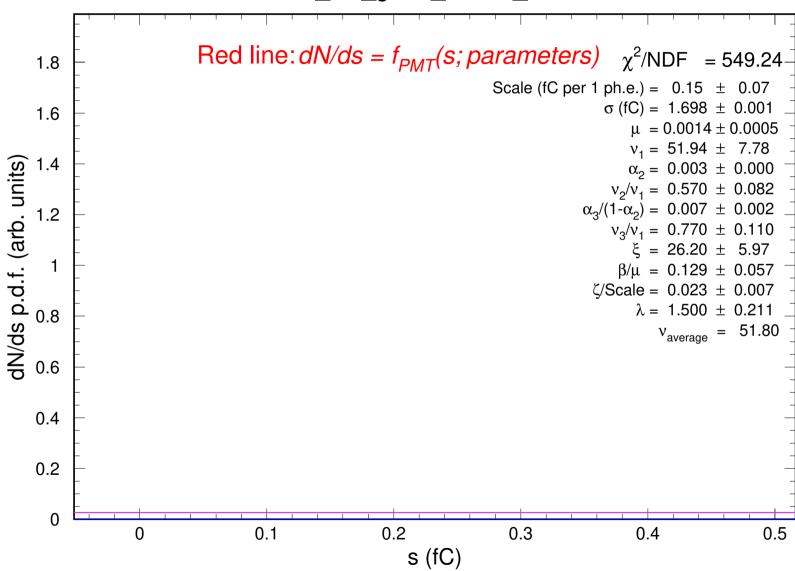
#### CA7811\_w2\_g064\_v1000\_t227.20.txt



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

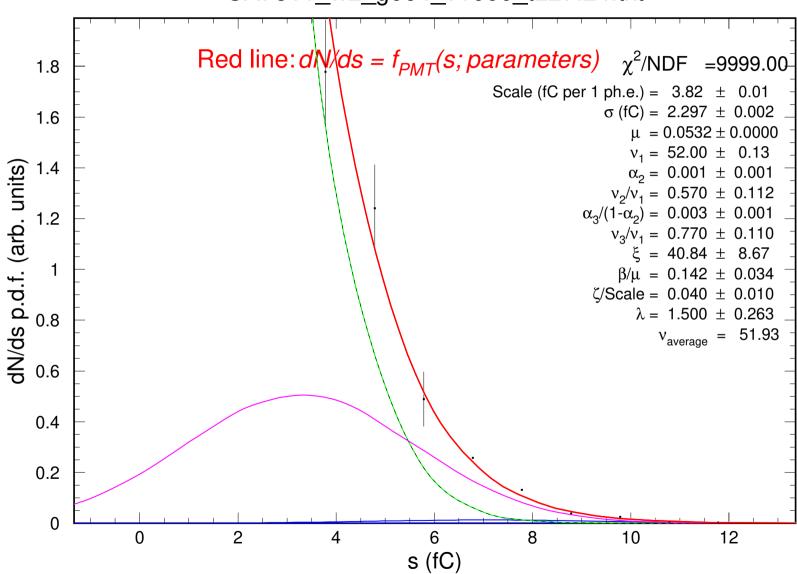


### CA7811\_w2\_g064\_v1000\_t227.22.txt

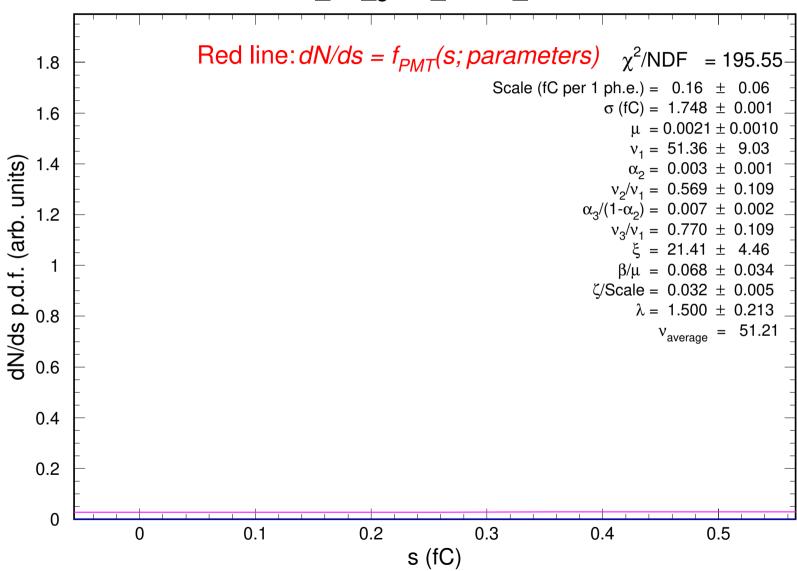


#### CA7811\_w2\_g064\_v1000\_t227.23.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 190.39$ 1.8 Scale (fC per 1 ph.e.) = $0.17 \pm 0.05$ $\sigma$ (fC) = 1.788 ± 0.001 1.6 $\mu = 0.0017 \pm 0.0008$ $v_1 = 51.49 \pm 8.68$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.004 \pm 0.000$ $v_2/v_1 = 0.535 \pm 0.090$ $\alpha_3/(1-\alpha_2) = 0.006 \pm 0.002$ 1.2 $v_{2}/\bar{v_{1}} = 0.737 \pm 0.144$ $\xi = 25.30 \pm 7.35$ $\beta/\mu = 0.129 \pm 0.064$ $\zeta$ /Scale = 0.023 ± 0.007 $\lambda = 1.962 \pm 0.586$ 8.0 $v_{average} = 51.33$ 0.6 0.4 0.2 0 0.1 0.2 0.3 0.4 0.5 0 s (fC)

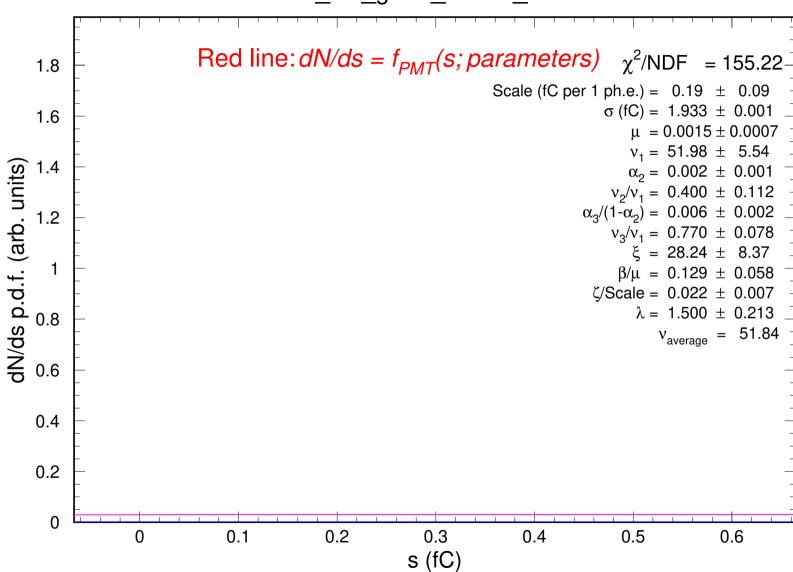
#### CA7811\_w2\_g064\_v1000\_t227.24.txt



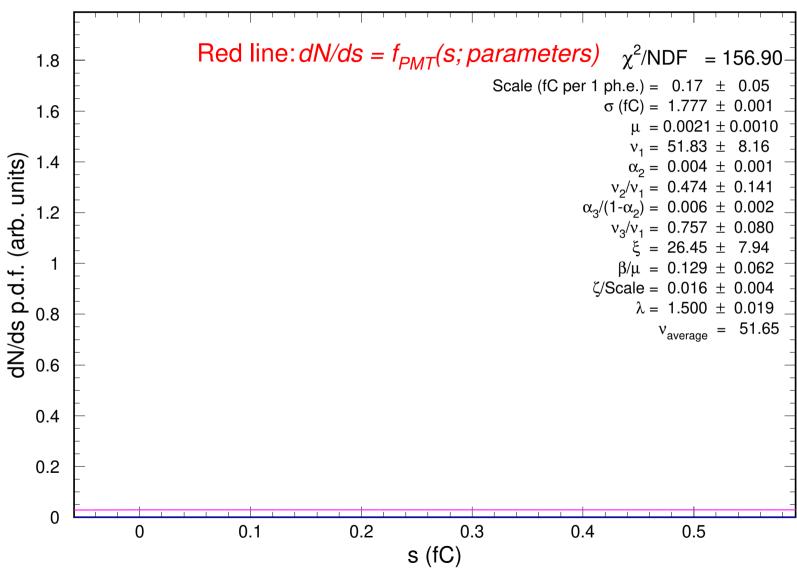
#### CA7811\_w2\_g064\_v1000\_t227.25.txt



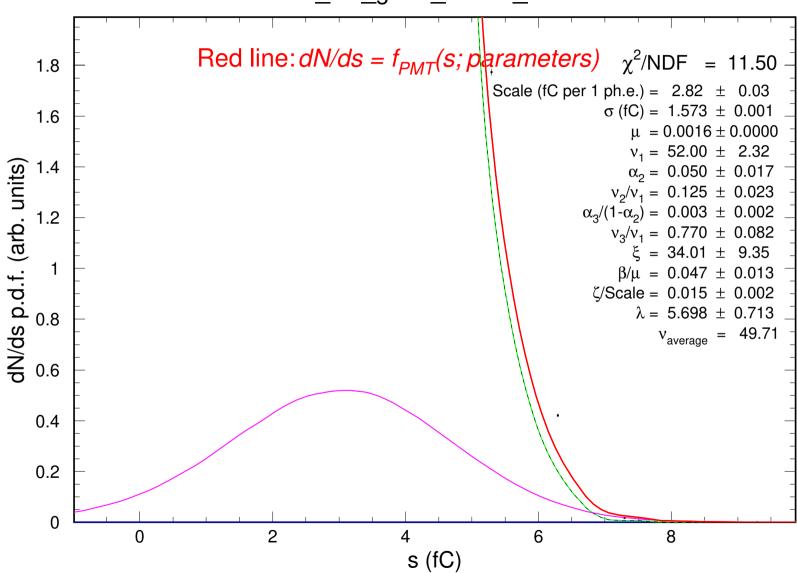
### CA7811\_w2\_g064\_v1000\_t227.26.txt



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



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



#### CA7811\_w2\_g064\_v1000\_t227.29.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 194.13$ 1.8 Scale (fC per 1 ph.e.) = $0.15 \pm 0.06$ $\sigma$ (fC) = 1.637 ± 0.001 1.6 $\mu = 0.0021 \pm 0.0005$ $v_1 = 52.00 \pm 7.50$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.003 \pm 0.001$ $v_2/v_1 = 0.421 \pm 0.056$ $\alpha_2/(1-\alpha_2) = 0.006 \pm 0.001$ 1.2 $v_3/\bar{v}_1 = 0.577 \pm 0.163$ $\xi = 21.48 \pm 7.48$ $\beta/\mu = 0.025 \pm 0.003$ $\zeta$ /Scale = 0.017 ± 0.002 $\lambda = 2.995 \pm 0.895$ 8.0 $v_{average} = 51.77$ 0.6 0.4 0.2 0 0 0.1 0.2 0.3 0.4 0.5

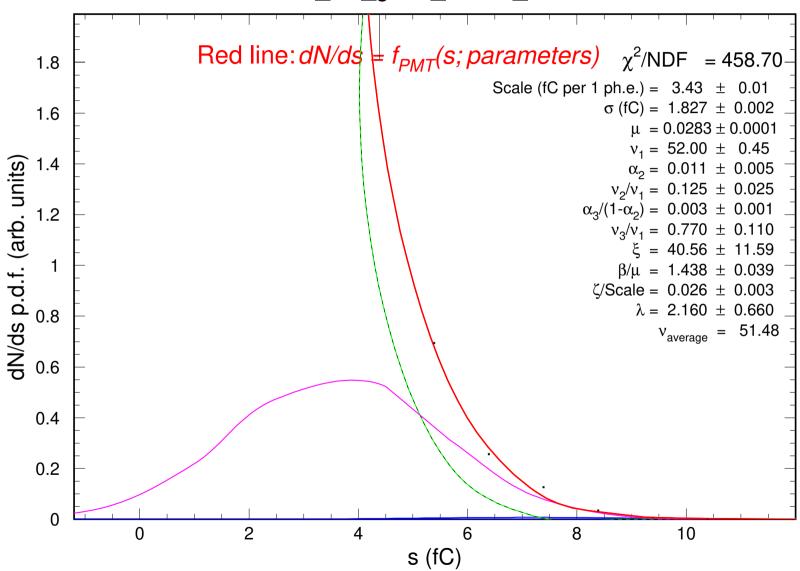
s (fC)

#### CA7811\_w2\_g064\_v1000\_t227.30.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 850.66$ 1.8 Scale (fC per 1 ph.e.) = $0.16 \pm 0.08$ $\sigma$ (fC) = 1.621 $\pm$ 0.001 1.6 $\mu = 0.0009 \pm 0.0004$ $v_1 = 51.18 \pm 9.11$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.003 \pm 0.001$ $v_2/v_1 = 0.535 \pm 0.069$ $\alpha_3/(1-\alpha_2) = 0.007 \pm 0.002$ 1.2 $v_3/v_1 = 0.589 \pm 0.098$ $\xi = 16.79 \pm 5.97$ $\beta/\mu = 0.129 \pm 0.057$ $\zeta$ /Scale = 0.040 ± 0.006 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 50.95$ 0.6 0.4 0.2 0 0 0.1 0.2 0.3 0.4 0.5 s (fC)

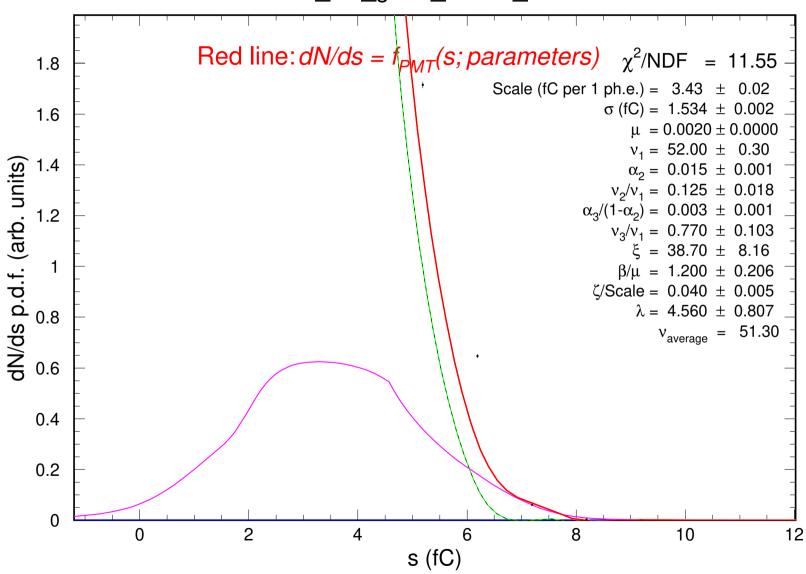
#### CA7811\_w2\_g064\_v1000\_t227.31.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF$ 1.8 Scale (fC per 1 ph.e.) = $1.67 \pm 0.06$ $\sigma$ (fC) = 1.747 ± 0.003 1.6 $\mu = 0.0132 \pm 0.0004$ $v_1 = 51.99 \pm 7.53$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.004 \pm 0.001$ $= 0.558 \pm 0.094$ $= 0.007 \pm 0.002$ 1.2 $= 0.748 \pm 0.127$ $= 29.19 \pm 8.63$ + 0.547 $\pm$ 0.191 $\zeta/\text{Scale} \neq 0.033 \pm 0.009$ $1.882 \pm 0.550$ 8.0 $v_{average} = 51.81$ 0.6 0.4 0.2 0 2 3 5 0

s (fC)

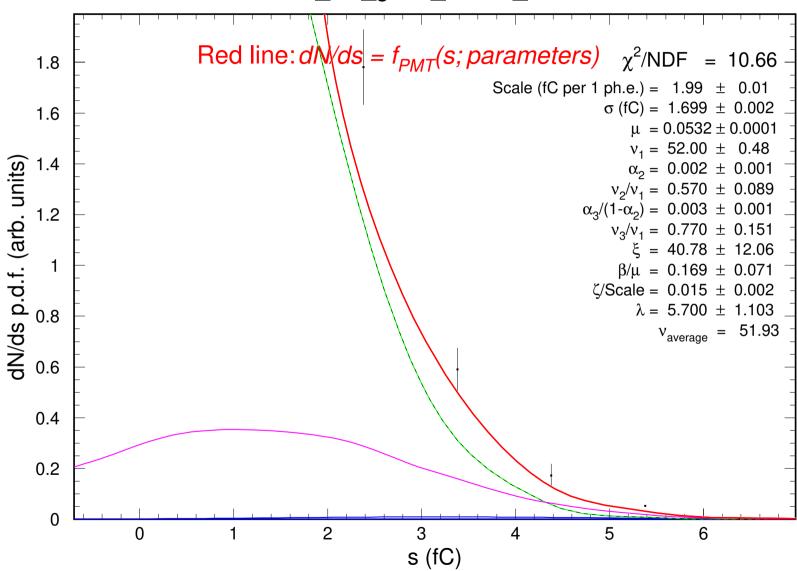
#### CA7811\_w2\_g064\_v1000\_t227.32.txt



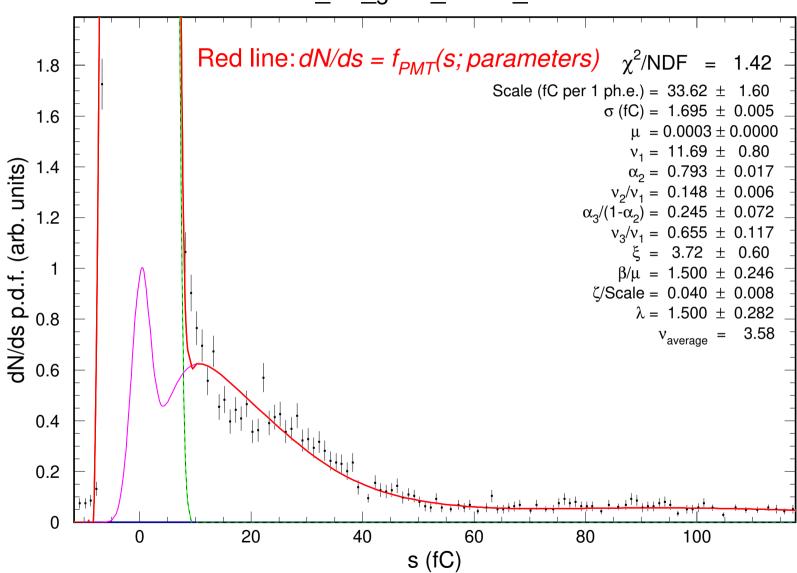
#### CA7811\_w2\_g064\_v1000\_t227.33.txt



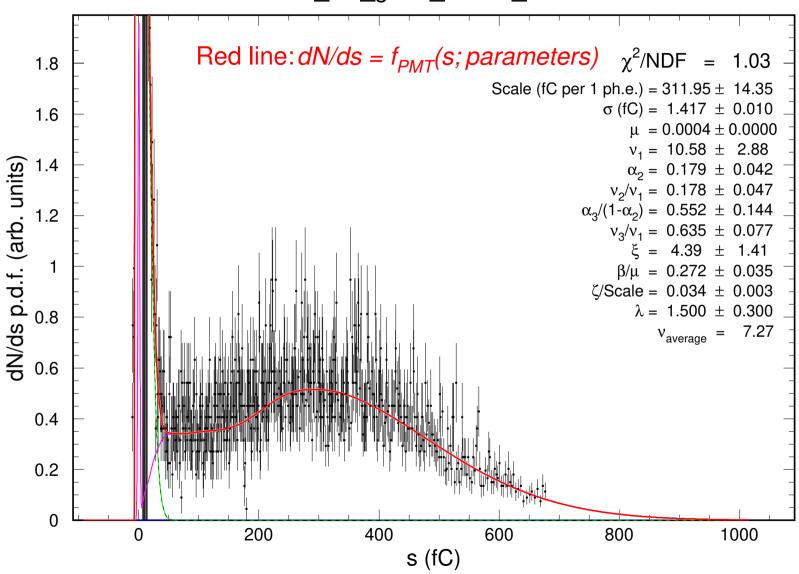
#### CA7811\_w2\_g064\_v1000\_t227.34.txt



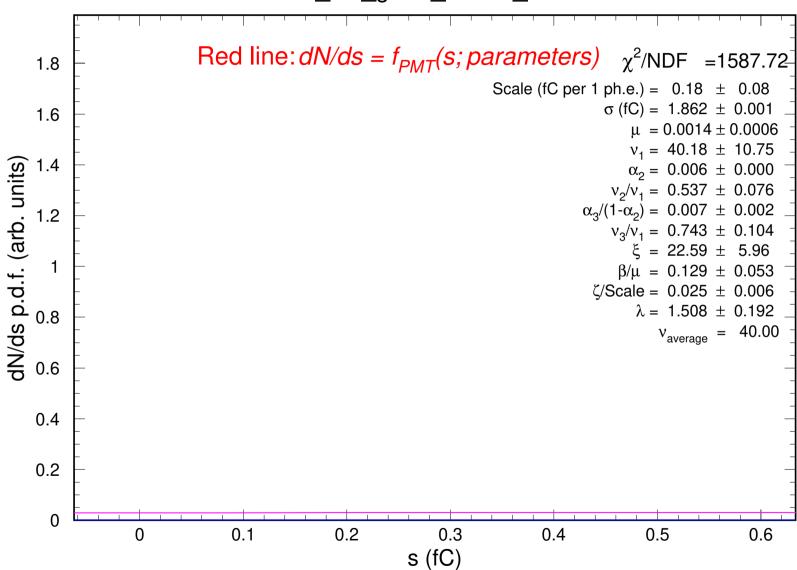
#### CA7811\_w2\_g064\_v1000\_t227.35.txt



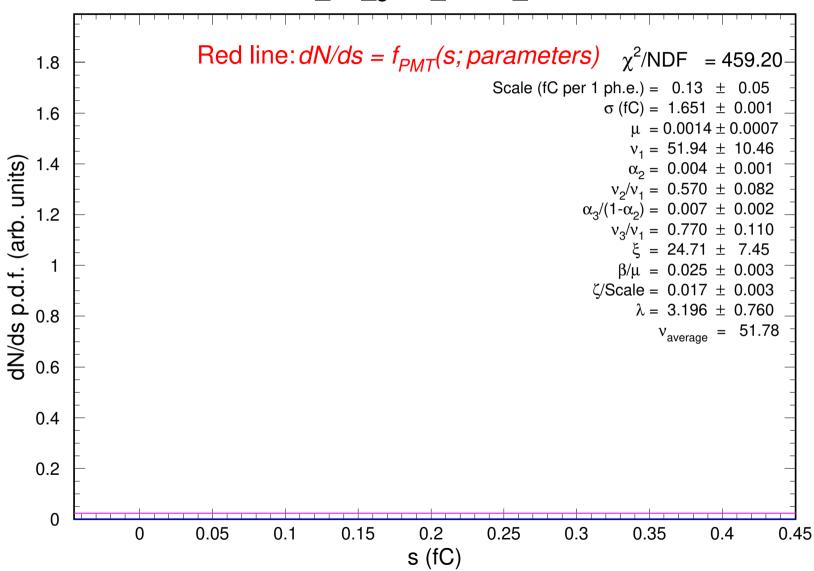
#### CA7811\_w2\_g064\_v1000\_t227.36.txt



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

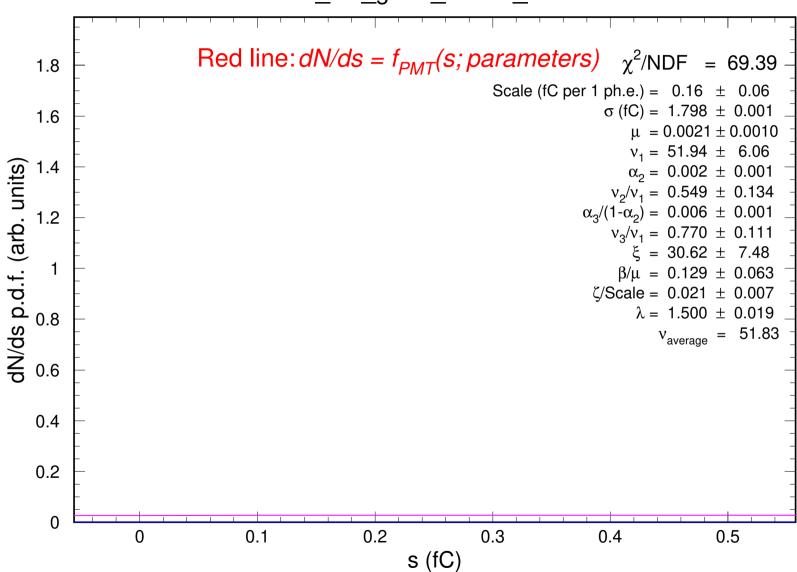


#### CA7811\_w2\_g064\_v1000\_t227.38.txt

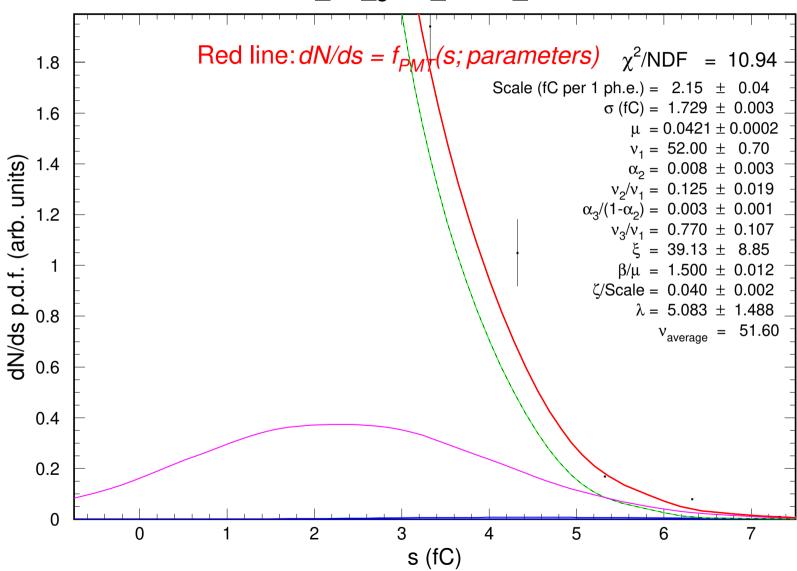


#### CA7811\_w2\_g064\_v1000\_t227.39.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 28.69$ 1.8 Scale (fC per 1 ph.e.) = $0.01 \pm 0.01$ $\sigma$ (fC) = 1.598 ± 0.001 1.6 $\mu = 0.0263 \pm 0.0060$ $v_1 = 9.38 \pm 3.10$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.245 \pm 0.069$ $v_2/v_1 = 0.133 \pm 0.012$ $\alpha_3/(1-\alpha_2) = 0.151 \pm 0.044$ 1.2 $v_{2}/\bar{v_{1}} = 0.256 \pm 0.121$ $\xi = 7.03 \pm 0.39$ $\beta/\mu = 1.500 \pm 0.234$ $\zeta$ /Scale = 0.040 ± 0.008 $\lambda = 2.000 \pm 0.483$ 8.0 $v_{average} = 6.59$ 0.6 0.4 0.2 0 0.01 0.02 0.03 0.04 s (fC)

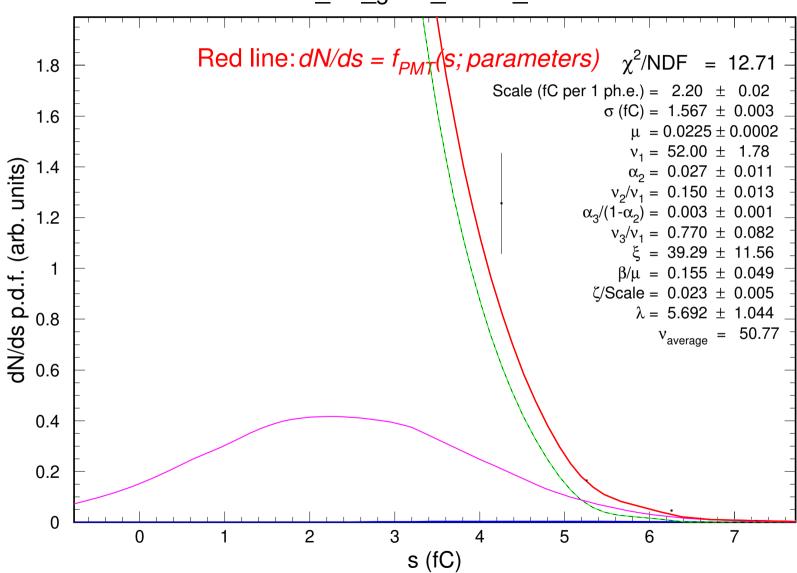
# CA7811\_w2\_g064\_v1000\_t227.40.txt



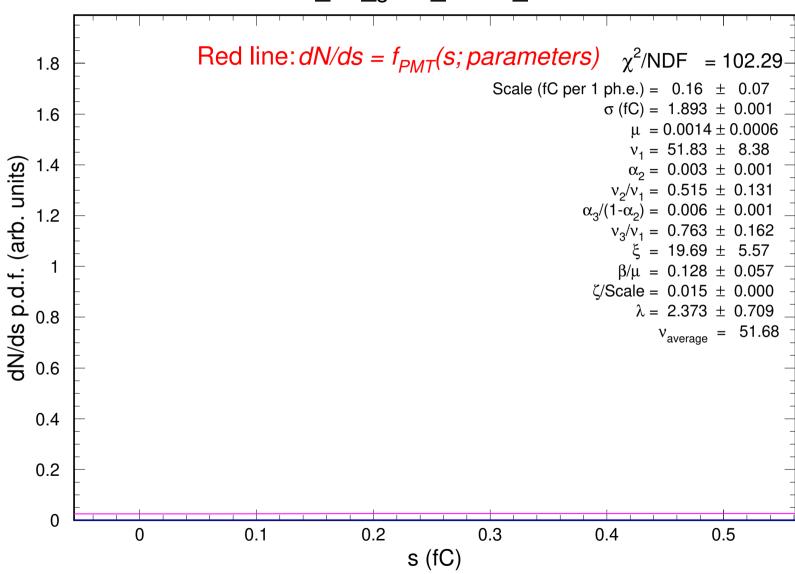
#### CA7811\_w2\_g064\_v1000\_t227.41.txt



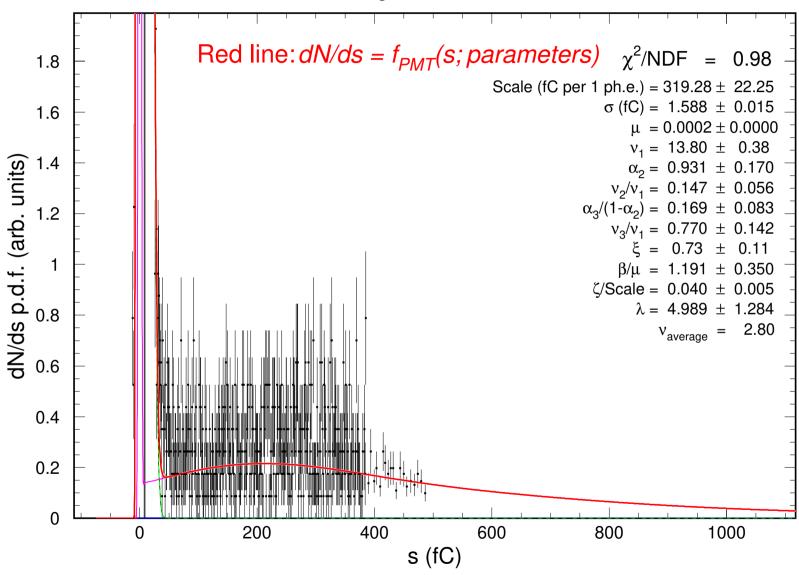
#### CA7811\_w2\_g064\_v1000\_t227.42.txt



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



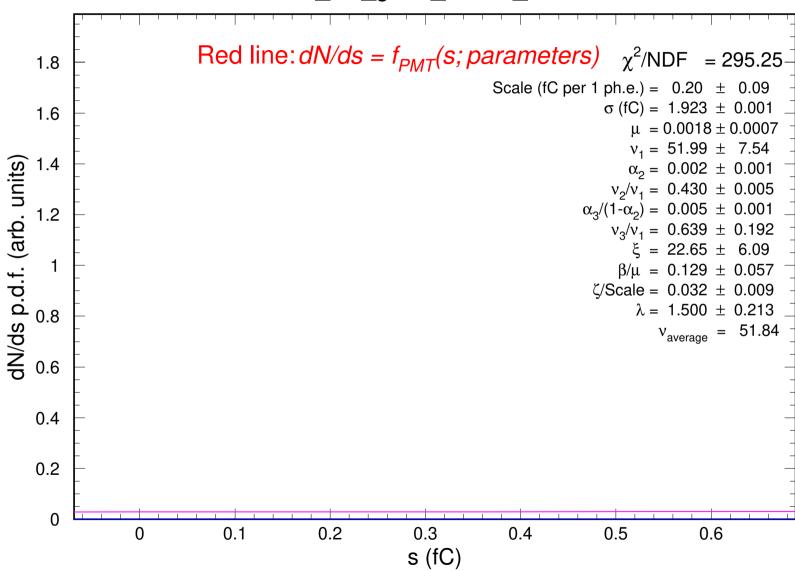
## CA7811\_w2\_g064\_v1000\_t227.44.txt



#### CA7811\_w2\_g064\_v1000\_t227.45.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 87.13$ 1.8 Scale (fC per 1 ph.e.) = $0.17 \pm 0.08$ $\sigma$ (fC) = 1.847 ± 0.001 1.6 $\mu = 0.0021 \pm 0.0007$ $v_1 = 51.87 \pm 6.81$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.005 \pm 0.000$ $v_2/v_1 = 0.548 \pm 0.094$ $\alpha_3/(1-\alpha_2) = 0.006 \pm 0.002$ 1.2 $v_2/\bar{v_1} = 0.770 \pm 0.110$ $\xi = 21.16 \pm 9.31$ $\beta/\mu = 0.129 \pm 0.045$ $\zeta$ /Scale = 0.040 ± 0.006 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 51.69$ 0.6 0.4 0.2 0 0.1 0.2 0.3 0.4 0.5 0 s (fC)

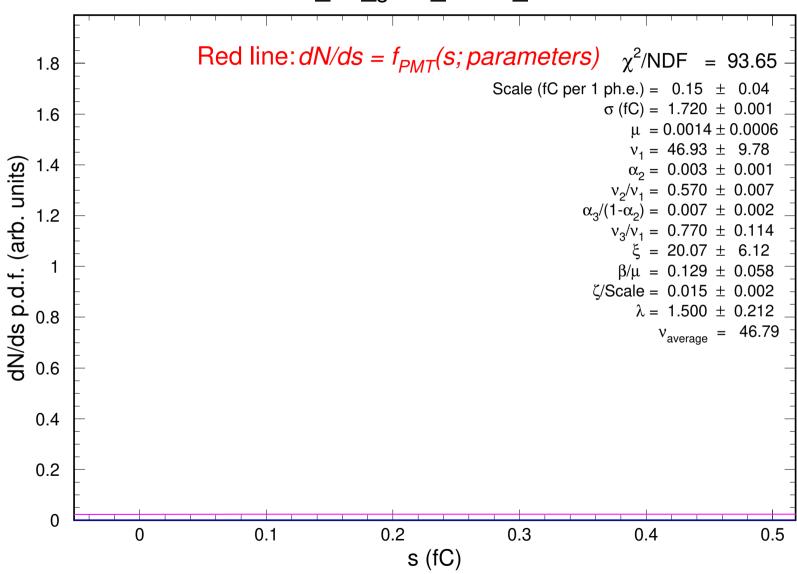
#### CA7811\_w2\_g064\_v1000\_t227.46.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 266.20$ 1.8 Scale (fC per 1 ph.e.) = $0.15 \pm 0.05$ $\sigma$ (fC) = 1.753 ± 0.001 1.6 $\mu = 0.0014 \pm 0.0007$ $v_1 = 51.86 \pm 6.83$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.002 \pm 0.000$ $v_2/v_1 = 0.570 \pm 0.082$ $\alpha_3/(1-\alpha_2) = 0.006 \pm 0.002$ 1.2 $v_3/v_1 = 0.770 \pm 0.110$ $\xi = 20.46 \pm 6.09$ $\beta/\mu = 0.129 \pm 0.063$ $\zeta$ /Scale = 0.035 ± 0.010 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 51.74$ 0.6 0.4 0.2 0 0 0.1 0.2 0.3 0.4 0.5 s (fC)

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

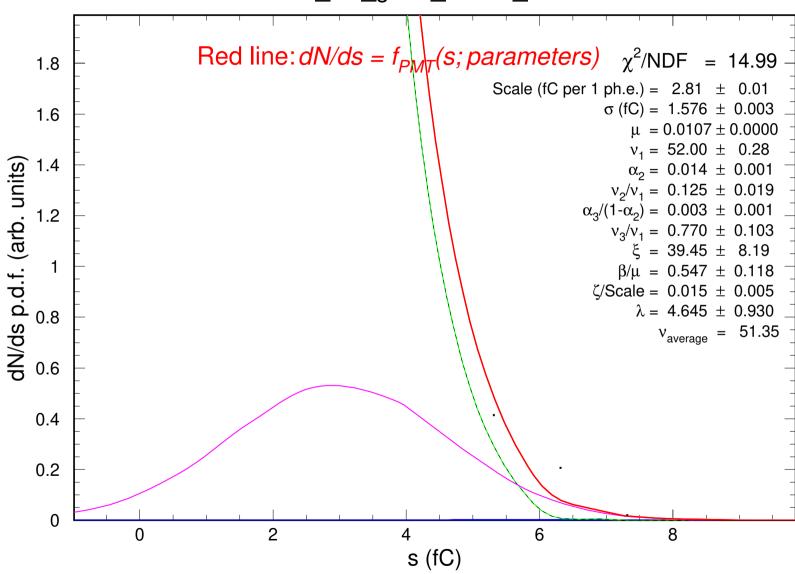


#### CA7811\_w2\_g064\_v1000\_t227.48.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 105.50$ 1.8 Scale (fC per 1 ph.e.) = $0.13 \pm 0.05$ $\sigma$ (fC) = 1.692 ± 0.001 1.6 $\mu = 0.0017 \pm 0.0008$ $v_1 = 52.00 \pm 9.53$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.003 \pm 0.000$ $v_2/v_1 = 0.570 \pm 0.078$ $\alpha_3/(1-\alpha_2) = 0.006 \pm 0.001$ 1.2 $v_2/\bar{v_1} = 0.770 \pm 0.110$ $\xi = 26.98 \pm 8.12$ $\beta/\mu = 0.129 \pm 0.062$ $\zeta$ /Scale = 0.029 ± 0.007 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 51.86$ 0.6 0.4 0.2 0 0.2 0 0.1 0.3 0.4 s (fC)

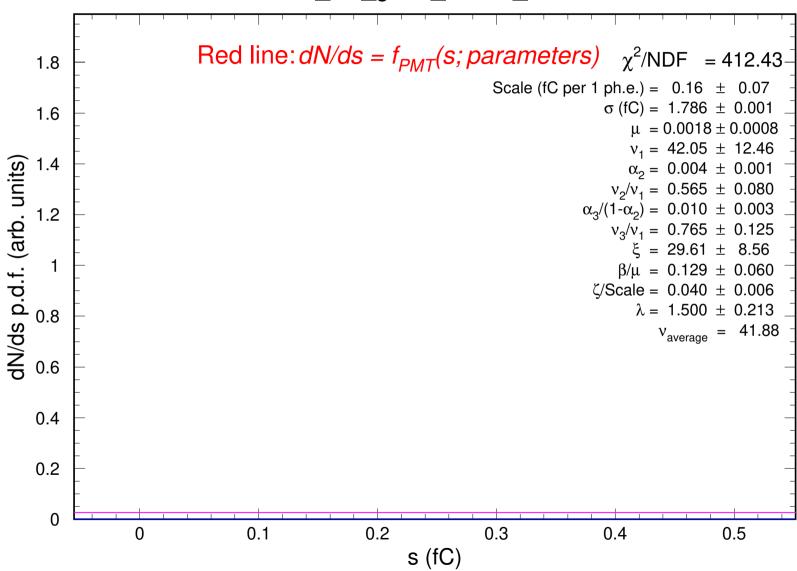
# CA7811\_w2\_g064\_v1000\_t227.49.txt



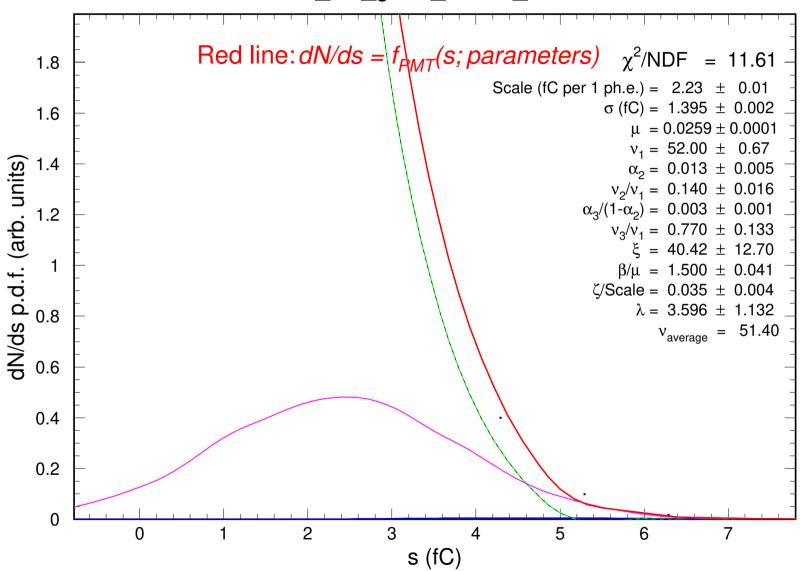
# CA7811\_w2\_g064\_v1000\_t227.50.txt



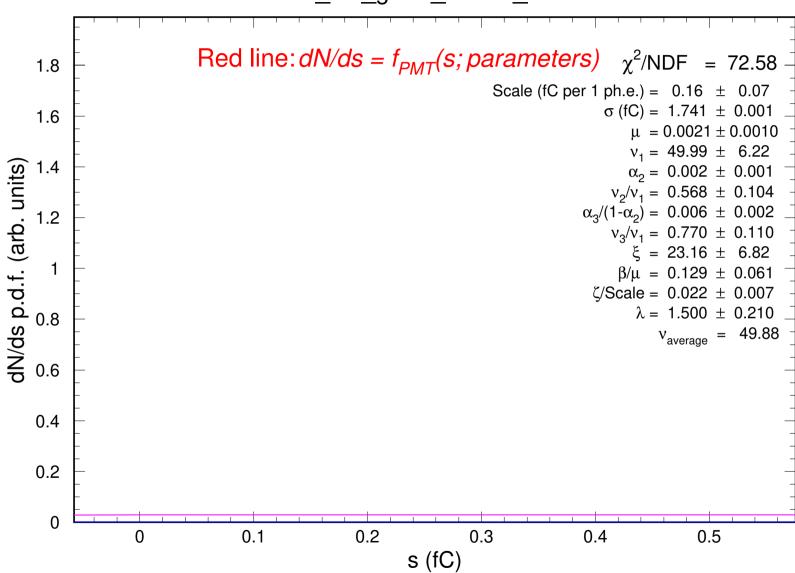
# CA7811\_w2\_g064\_v1000\_t227.51.txt



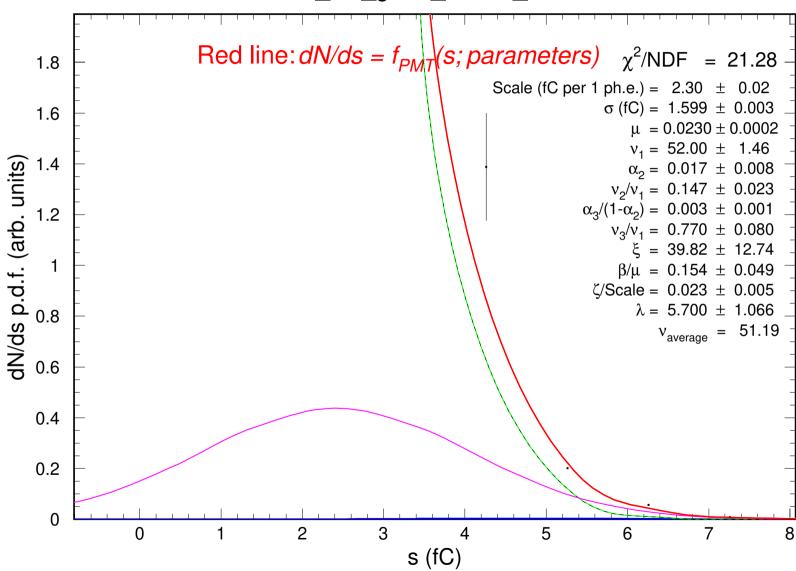
#### CA7811\_w2\_g064\_v1000\_t227.52.txt



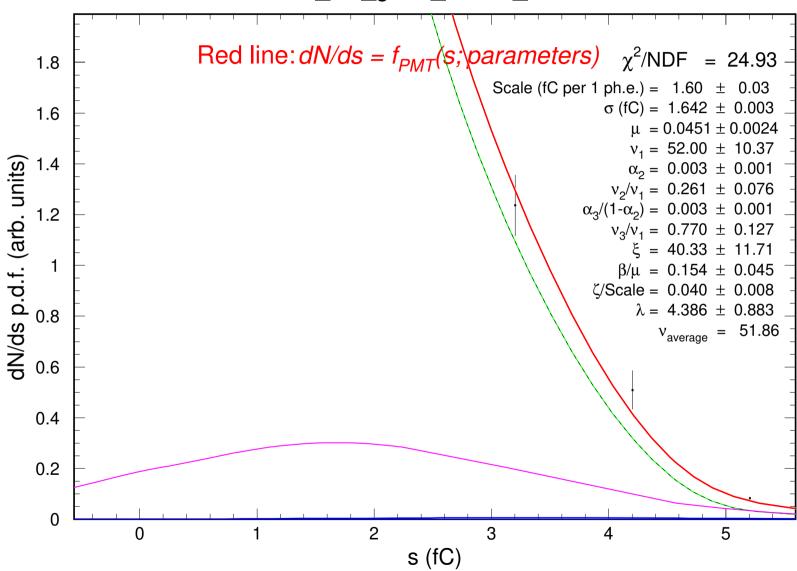
#### CA7811\_w2\_g064\_v1000\_t227.53.txt



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

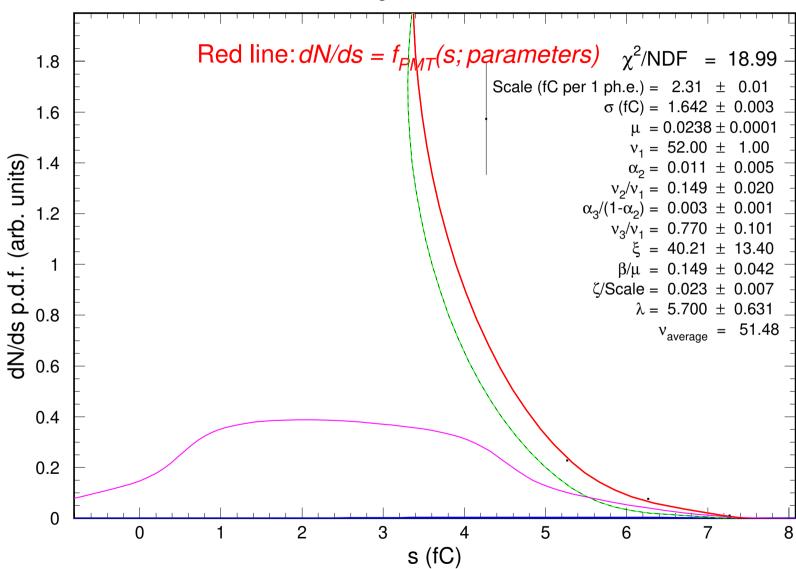


#### CA7811\_w2\_g064\_v1000\_t227.55.txt

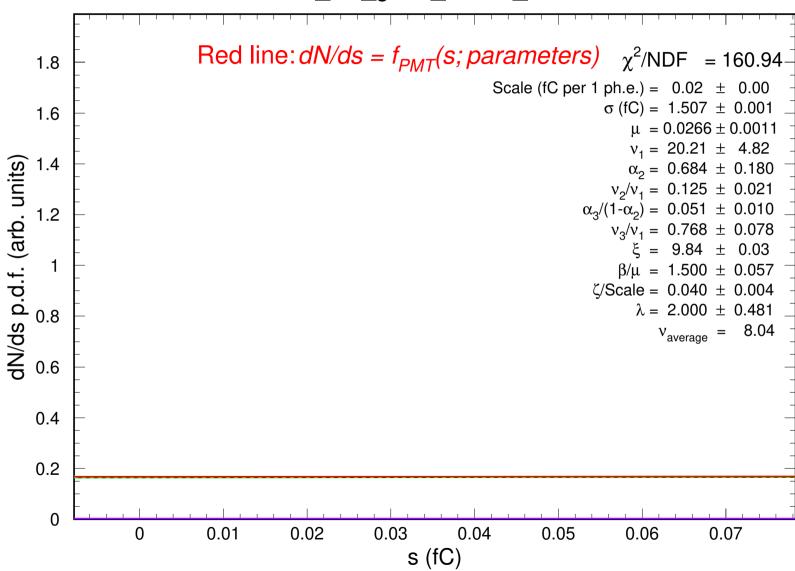


#### CA7811\_w2\_g064\_v1000\_t227.56.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 118.44$ 1.8 Scale (fC per 1 ph.e.) = $0.17 \pm 0.05$ $\sigma$ (fC) = 1.811 ± 0.001 1.6 $\mu = 0.0020 \pm 0.0010$ $v_1 = 52.00 \pm 8.78$ dN/ds p.d.f. (arb. units) 1.4 $\alpha_2 = 0.003 \pm 0.001$ $v_2/v_1 = 0.461 \pm 0.112$ $\alpha_2/(1-\alpha_2) = 0.006 \pm 0.001$ 1.2 $v_3/v_1 = 0.742 \pm 0.117$ $\xi = 25.91 \pm 6.96$ $\beta/\mu = 0.129 \pm 0.064$ $\zeta$ /Scale = 0.025 ± 0.007 $\lambda = 1.500 \pm 0.213$ 8.0 $v_{average} = 51.85$ 0.6 0.4 0.2 0 0.1 0.2 0.3 0.4 0.5 0 s (fC)

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



#### CA7811\_w2\_g064\_v1000\_t227.58.txt



#### CA7811\_w2\_g064\_v1000\_t227.59.txt Red line: $dN/ds = f_{PMT}(s; parameters)$ $\chi^2/NDF = 348.58$ 1.8 Scale (fC per 1 ph.e.) = $0.15 \pm 0.06$ $\sigma$ (fC) = 1.797 ± 0.001 1.6 $\mu = 0.0014 \pm 0.0007$ $v_1 = 52.00 \pm 6.90$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.002 \pm 0.001$ $v_2/v_1 = 0.484 \pm 0.061$ $\alpha_2/(1-\alpha_2) = 0.008 \pm 0.003$ 1.2 $v_2/\bar{v}_1 = 0.701 \pm 0.179$ $\xi = 29.77 \pm 6.67$ $\beta/\mu = 0.129 \pm 0.062$ $\zeta$ /Scale = 0.023 ± 0.007 $\lambda = 1.570 \pm 0.213$ 8.0 $v_{average} = 51.83$ 0.6 0.4 0.2 0

0.2

s (fC)

0.3

0.4

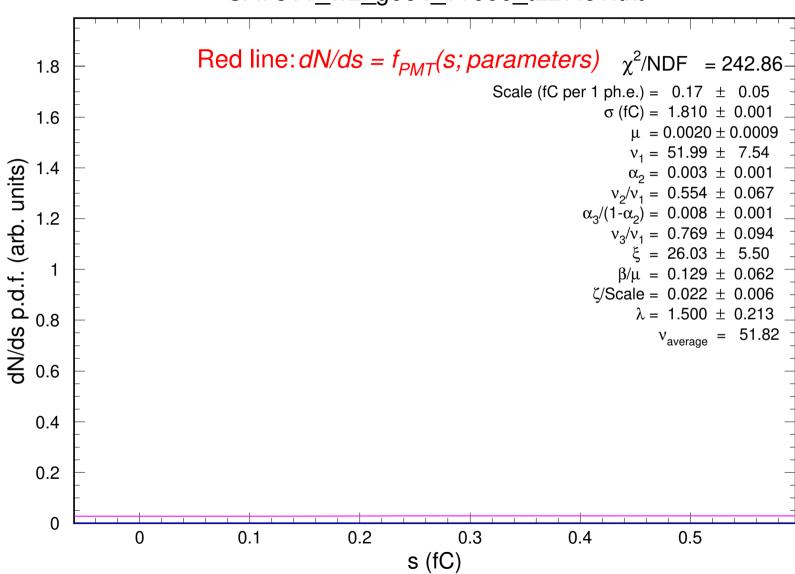
0.5

0

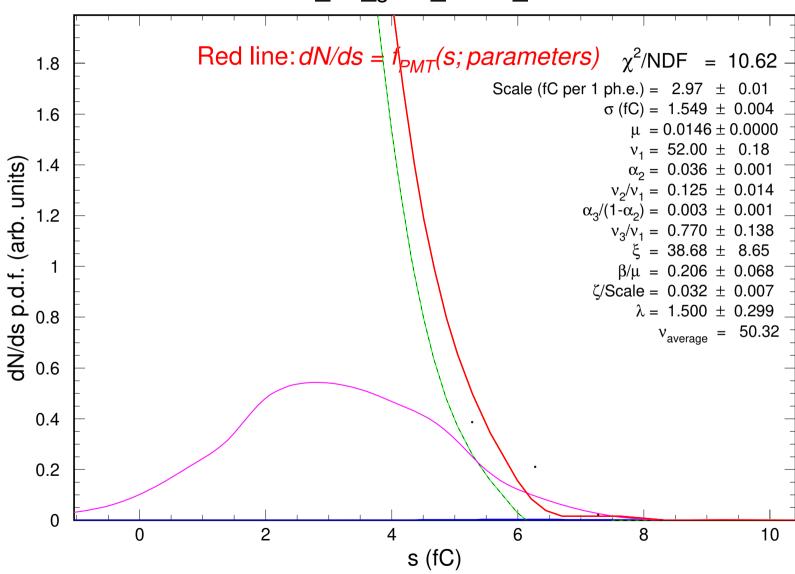
0.1

#### CA7811\_w2\_g064\_v1000\_t227.60.txt Red line: $dN/ds = f_{PMT}(s; parameters) \chi^2/NDF = 66.27$ 1.8 Scale (fC per 1 ph.e.) = $0.73 \pm 0.03$ $\sigma$ (fC) = 1.695 ± 0.001 1.6 $\mu \ = 0.0321 \pm 0.0011$ $v_1 = 51.72 \pm 8.08$ 1.4 dN/ds p.d.f. (arb. units) $\alpha_2 = 0.002 \pm 0.001$ $= 0.555 \pm 0.094$ $\alpha_3/(1-\alpha_2) = 0.003 \pm 0.001$ 1.2 $= 36.49 \pm 10.93$ $\beta/\mu = 1.500 \pm 0.045$ $\zeta$ /Scale = 0.036 ± 0.001 $\lambda = 1.815 \pm 0.672$ 8.0 $v_{average} = 51.63$ 0.6 0.4 0.2 0 0.5 0 1.5 2 2.5 s (fC)

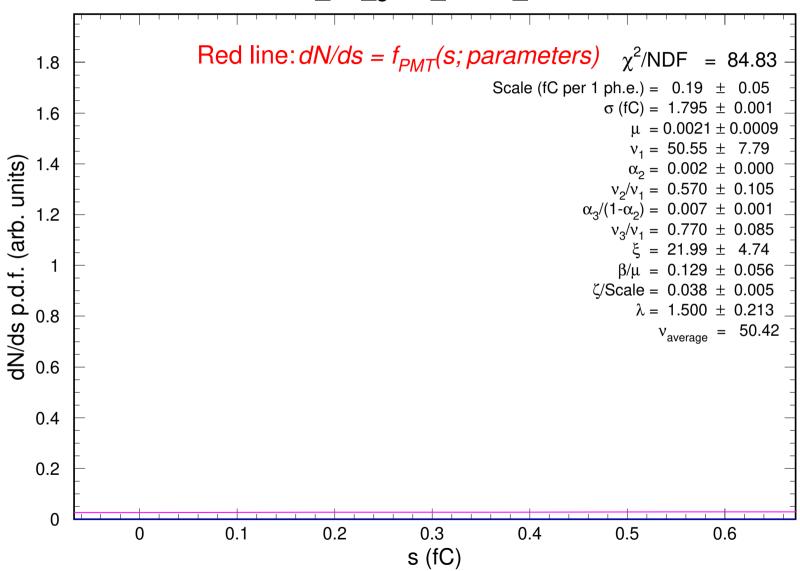
#### CA7811\_w2\_g064\_v1000\_t227.61.txt



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



# CA7811\_w2\_g064\_v1000\_t227.63.txt



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

