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| --- |
| **A(t) = A\_0 / ( 1 + lambda \* t ) Fit Parameters; Run 1 vs Run 2** |
| **Energy Cut/Background Subtraction** | **A\_0 (%)** | **Lambda** | **NDF****Chi^2 / NDF****P(Chi^2,NDF) \*** | **P\_0** |
| -1 to +3 Sigma, **No** Background Subtraction,**Run 1** | 44.0372 +/- 0.0905 | 0.3196 +/- 0.0089 | 100.8689[0.5, 0.6] | 86.347 +/- 0.538 |
| -1 to +3 Sigma, Background Subtracted,**Run 1** | 44.0143 +/- 0.0904 | 0.3187 +/- 0.0089 | 100.8817[0.5, 0.6] | 86.303 +/- 0.538 |
| -1 to +3 Sigma, **No** Background Subtraction,**Run 2** | 43.9704 +/- 0.0995 | 0.3143 +/- 0.0094 | 90.6233[0.7, 0.8] | 86.216 +/- 0.543 |
| -1 to +3 Sigma, Background Subtracted,**Run 2** | 43.9844 +/- 0.1001 | 0.3142 +/- 0.0094 | 90.6246[0.7, 0.8] | 86.244 +/- 0.544 |
|  |  |  |  |  |
| -0.5 to +2 Sigma, **No** Background Subtraction,**Run 1** | 44.0809 +/- 0.0956 | 0.3167 +/- 0.0093 | 100.9043[0.5, 0.6] | 86.433 +/- 0.542 |
| -0.5 to +2 Sigma, Background Subtracted,**Run 1** | 44.0896 +/- 0.0951 | 0.3178 +/- 0.0090 | 100.8469[0.5, 0.6] | 86.450 +/- 0.542 |
| -0.5 to +2 Sigma, **No** Background Subtraction,**Run 2** | 44.0721 +/- 0.1056 | 0.3142 +/- 0.0096 | 90.8719[0.5, 0.6] | 86.416 +/- 0.543 |
| -0.5 to +2 Sigma, Background Subtracted,**Run 2** | 44.0889 +/- 0.1070 | 0.3158 +/- 0.0097 | 90.9253P ~= 0.5 | 86.449 +/- 0.550 |

**\* Probability of exceeding Chi^2 versus the number of degrees of freedom**

Following pages contain plots of the fit. Note the associated analysis parameters – Run, E-cut and Background subtraction or not – are listed in the title bar for the window















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