**EP208 Additional Document**

*Examples of Non-linear Fitting*

|  |  |
| --- | --- |
| Radioactive Decay Data Set*Topic: curve fitting, exponential decay**Source: Collected in 1995 by Dot Doyle and John Kolena, teachers at NCSSM.* | PLOT |
| Time #Particles(sec) Escaped in 30 sec15 487745 462275 4034105 3610135 3125165 2915195 2593225 2348255 2171285 1959315 1820345 1806375 1432405 1375435 1398465 1222495 1258525 1324555 1070585 986615 1025645 1117675 963705 947735 901765 889795 872825 786 |  |



