```
*******************************************************************************
Sat Oct 28 21:00:02 2023


FIT:    data read from './sampling_(3x-2)^2*Qp20%_2023-Oct-27-15:18:41_full.data'
        format = z
        #datapoints = 100
        residuals are weighted equally (unit weight)

function used for fitting: f(x)
        f(x)=A*x+B
fitted parameters initialized with current variable values

iter      chisq       delta/lim  lambda   A             B
   0 7.7024816464e+05   0.00e+00  2.65e+00    1.000000e+00   1.000000e+00
   4 1.5335529770e+04  -3.51e-07  2.65e-04    5.097041e+01  -9.880640e+01

After 4 iterations the fit converged.
final sum of squares of residuals : 15335.5
rel. change during last iteration : -3.50655e-12

degrees of freedom    (FIT_NDF)                       : 98
rms of residuals      (FIT_STDFIT) = sqrt(WSSR/ndf)    : 12.5094
variance of residuals (reduced chisquare) = WSSR/ndf   : 156.485

Final set of parameters            Asymptotic Standard Error
=======================            ==========================
A               = 50.9704          +/- 1.43         (2.806%)
B               = -98.8064         +/- 5.159        (5.222%)

correlation matrix of the fit parameters:
                A      B
A               1.000
B              -0.970  1.000
```