

```
$PROB  SIMPLE NONLINEAR REGRESSION - THEOPHYLINE
$INPUT ID AMT TIME DV
$DATA  P2DATA
$SUBROUTINE ADVAN2
$PK
  KA=THETA(1)
  K=THETA(2)
  V=THETA(3)
  S2=V
$ERROR
  Y=F+ERR(1)
$THETA  (0, 1.7)  (0, .102)  (0, 29.)
$OMEGA  1.2
$ESTIMATION PRINT=5
$COVARIANCE
$TABLE ID AMT TIME
$SCATTER PRED VS DV  UNIT
```