

```

LT 1.00 2/3 1/3 1/3
    41.000000 0.000000 0.000000 0.000000
FW 0.00 0.00 0.00 0.00 0.00 0.00
    0.00 0.00 0.00 0.00 0.00 0.00
!Layer 3 to layer 2
LT 0.000000 0.000000 0.000000 0.000000
    0.000000 0.000000 0.000000 0.000000
FW 0.00 0.00 0.00 0.00 0.00 0.00
    0.00 0.00 0.00 0.00 0.00 0.00
!Layer 3 to layer 3
LT 0.000000 0.000000 0.000000 0.0000
    0.000000 0.000000 0.000000 0.000000
FW 0.00 0.00 0.00 0.00 0.00 0.00
    0.00 0.00 0.00 0.00 0.00 0.00

```

### Calculation

```

Lmq
Corrmax 30
Maxfun 2400
Tol 0.100000E-04
Nprint 0

```

### Experimental

```

!Filename          Scale factor  code
FILE LiNiO2_ideal.dat    1.0      0.00
Excluded_Regions 0
FFORMAT free
!Linear interpolation
Bgrinter sim.bgr
!Polynomial Number of coefficients
Bgrcheb 2
!Polynomial coefficients
    1.00000 0.20000
    0.0     0.0
!number of pattern backgrounds
Bgrnum 1
!Pattern file      Filename    Scale factor  code
Bgrpatt phase2.sub    0.026000    1.00 phase2.hkl

```