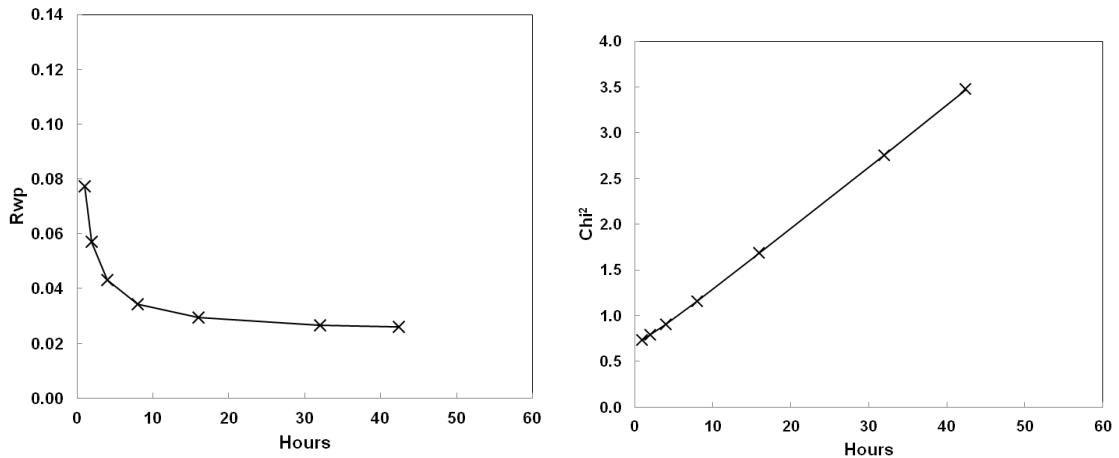


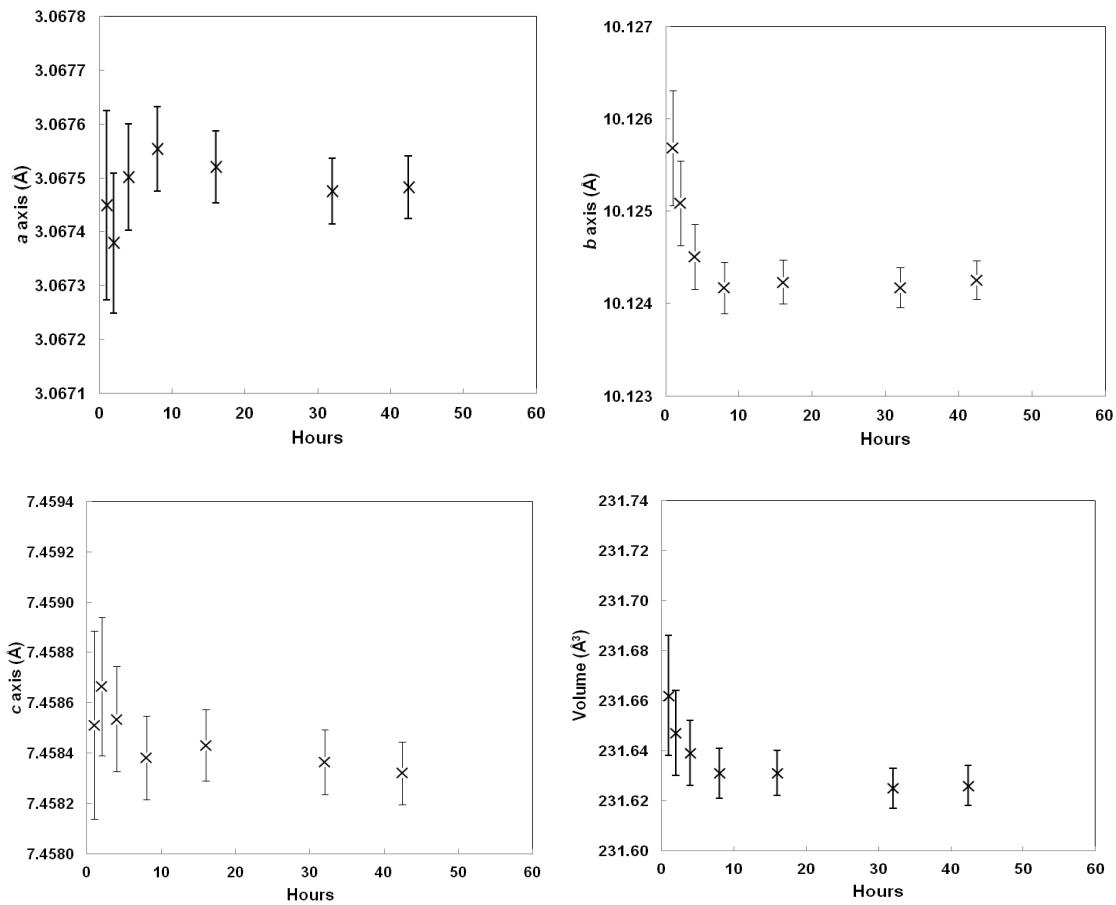
## Supplementary Information: S2

Results of refinements using datasets collected with different counting times

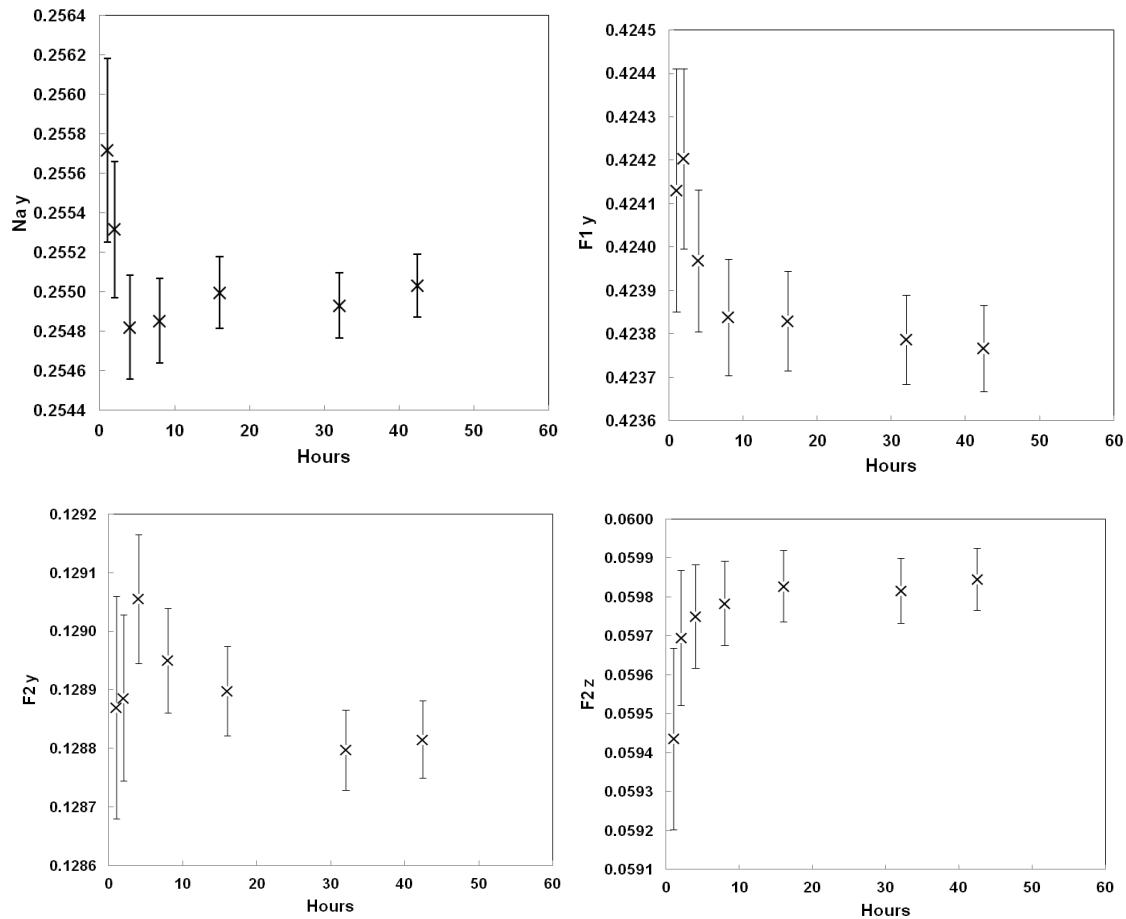
### NaCoF<sub>3</sub>: Agreement Factors



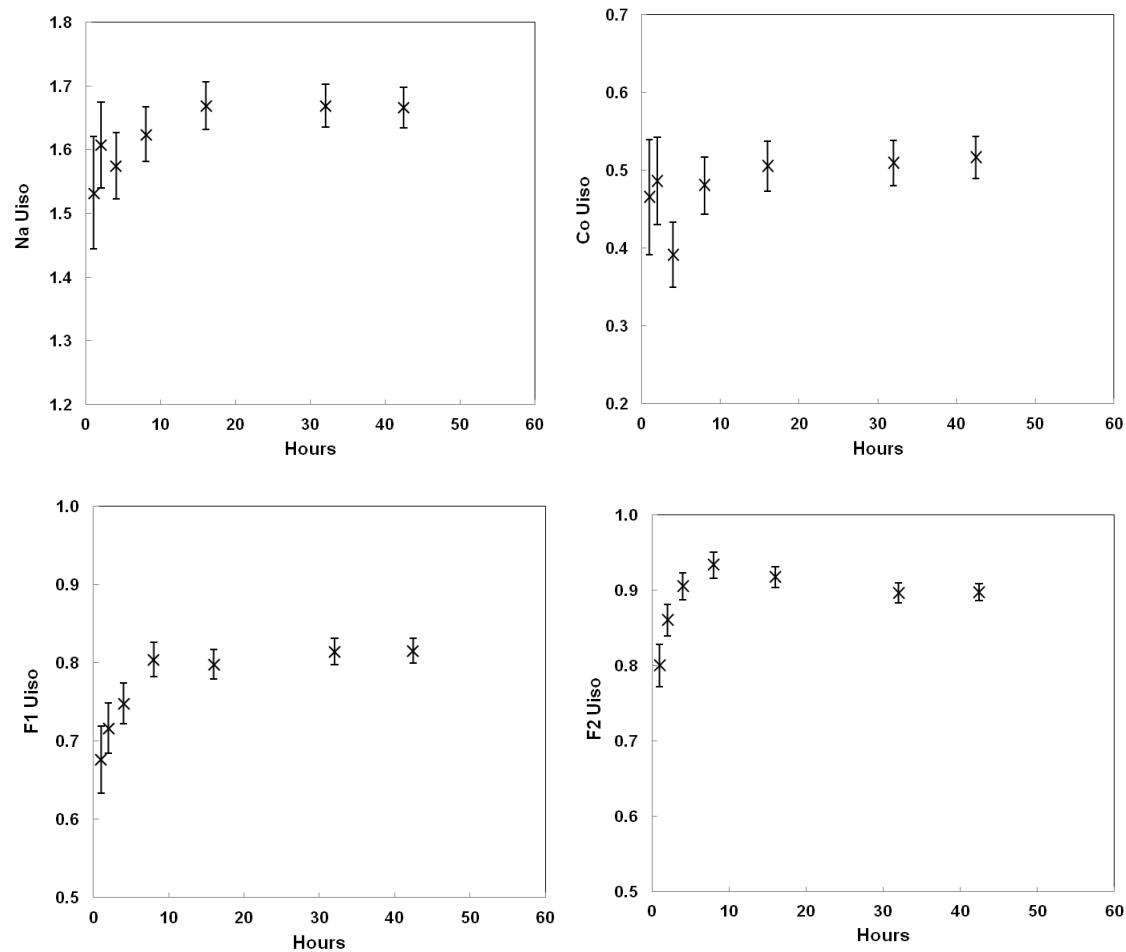
### NaCoF<sub>3</sub>: Cell Parameters



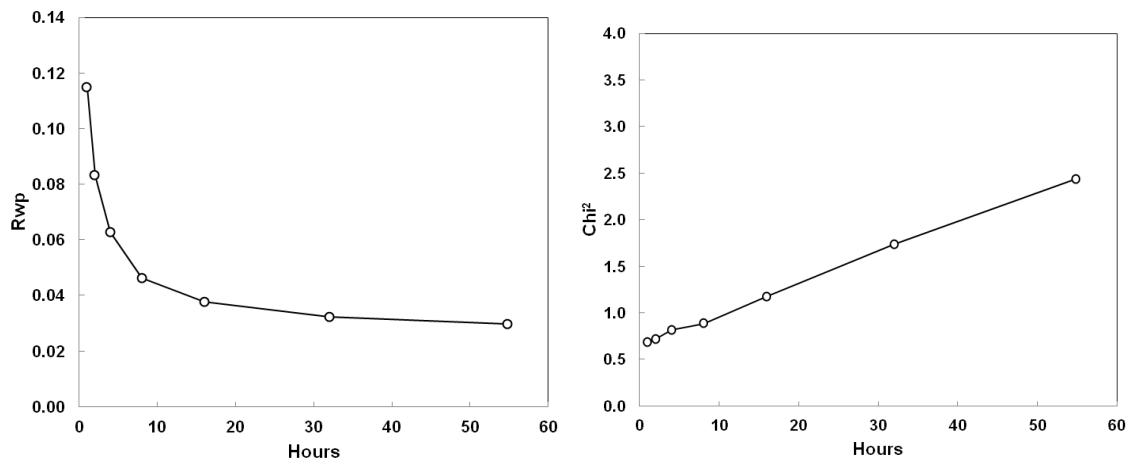
## NaCoF<sub>3</sub>: Fractional Coordinates



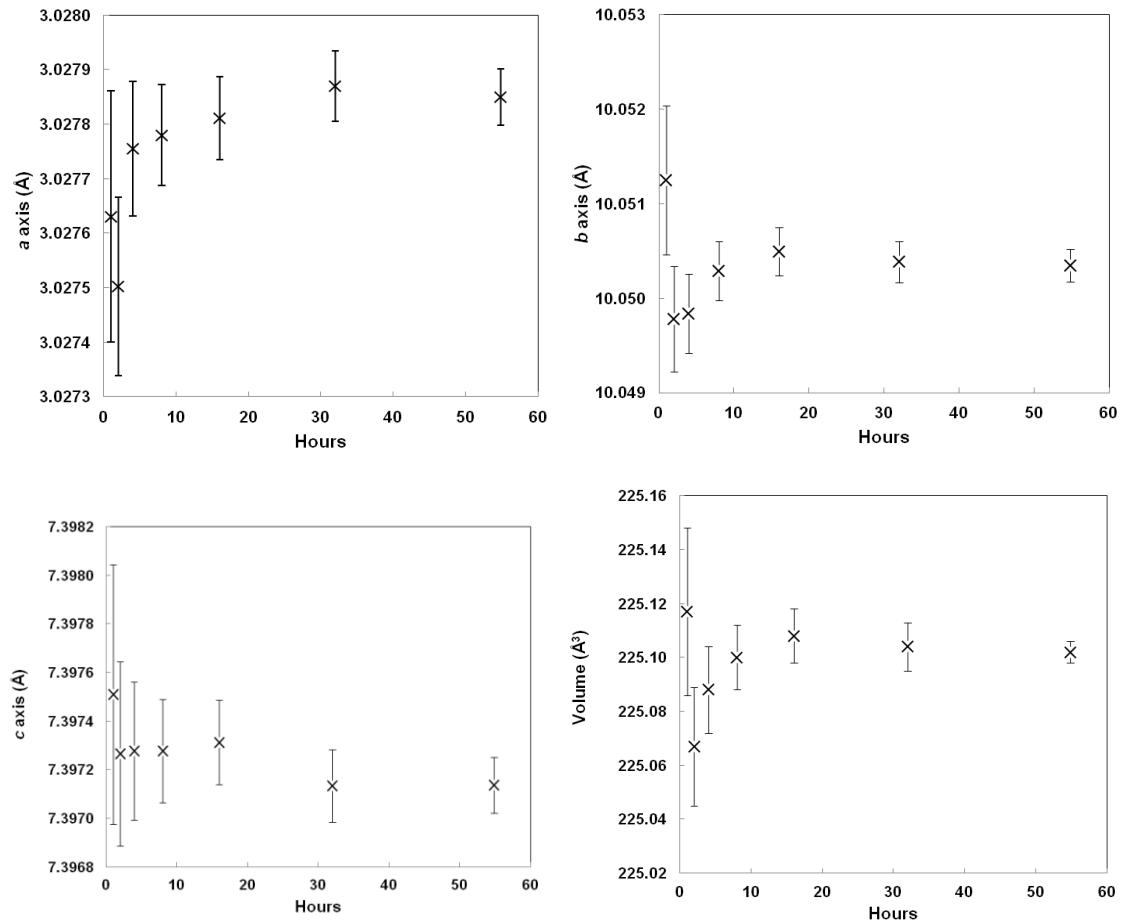
## NaCoF<sub>3</sub>: Isotropic Displacement parameters



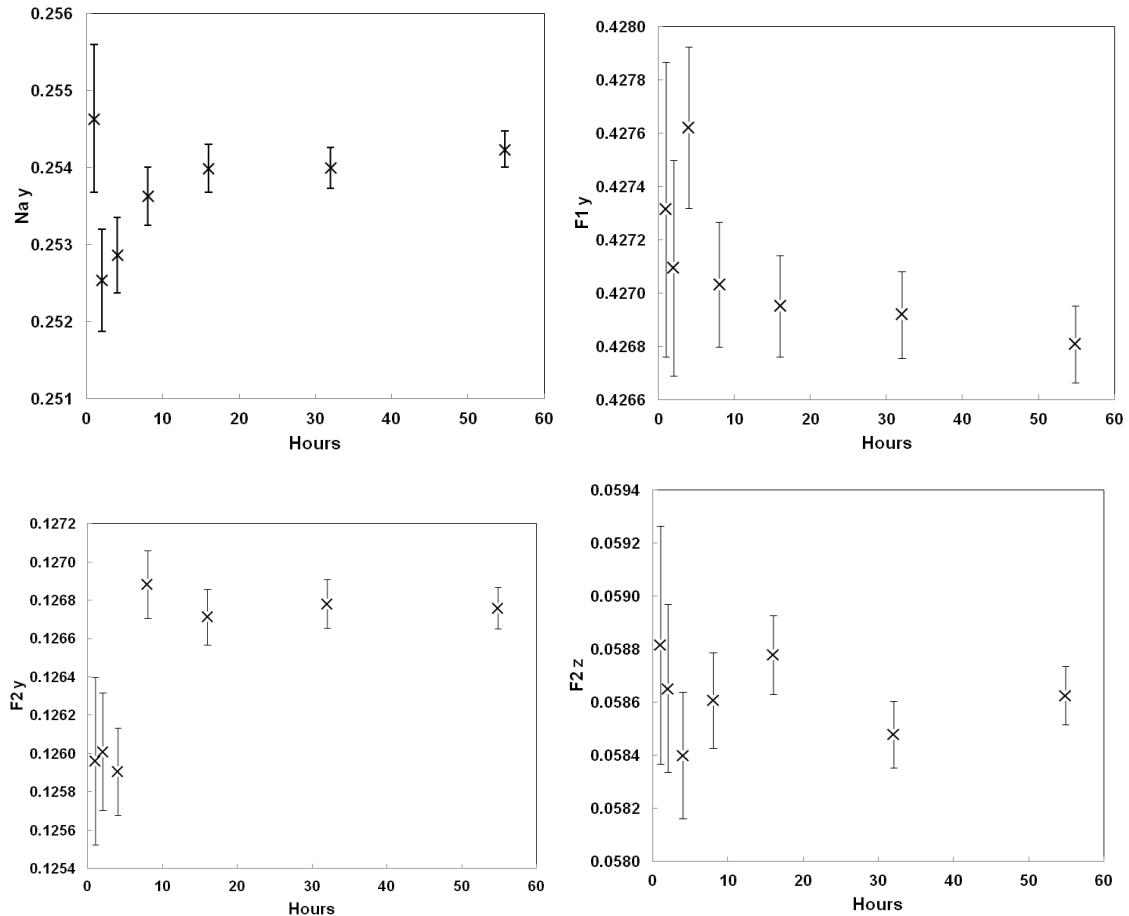
## NaNiF<sub>3</sub>: Agreement Factors



## NaNiF<sub>3</sub>: Cell Parameters



## NaNiF<sub>3</sub>: Fractional Coordinates



## NaNiF<sub>3</sub>: Isotropic Displacement parameters

