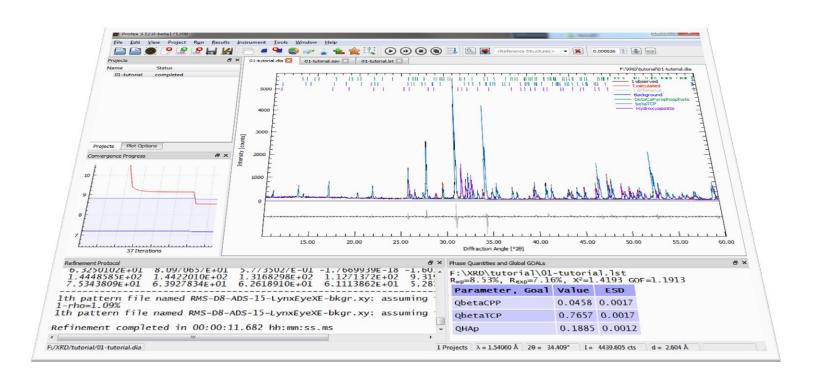
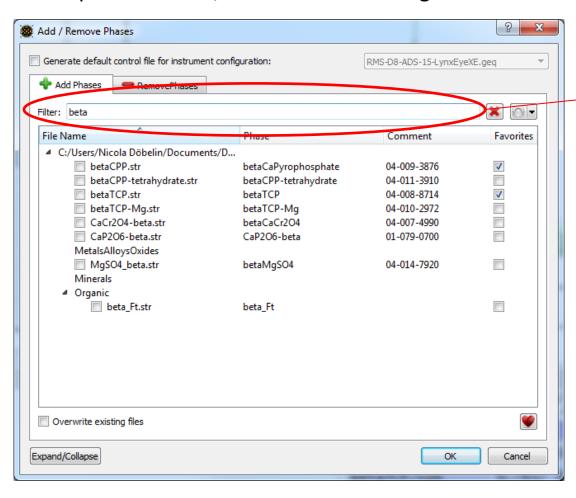
New features in Profex 3.12





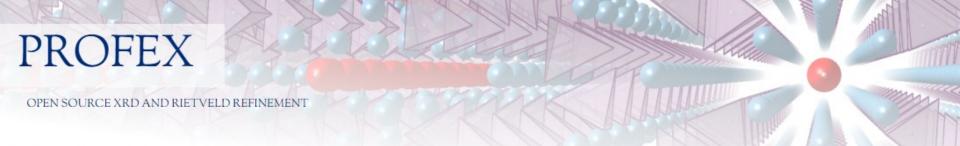
OPEN SOURCE XRD AND RIETVELD REFINEMENT

Filter phases in Add/Remove Phase dialog

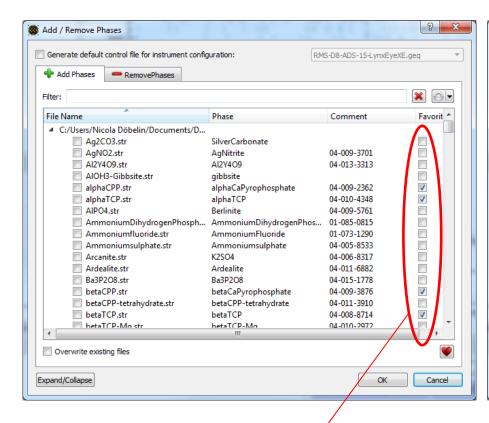


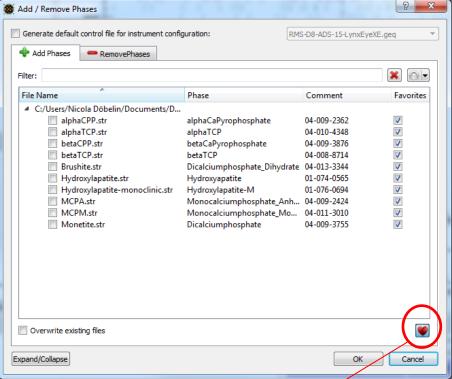
1. Enter a filter string

2. The structure list will be filtered instantly



Favorite phases in Add/Remove Phase dialog



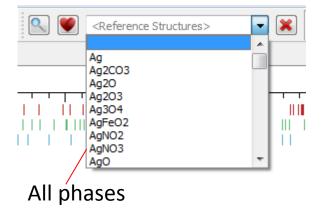


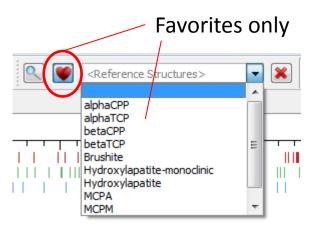
1. Select favorite phases

2. Only display favorites

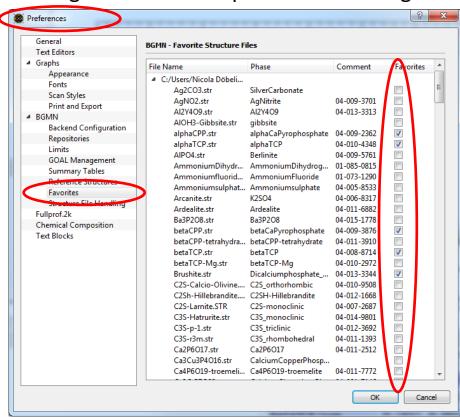


The same favorites also apply to the reference structure list



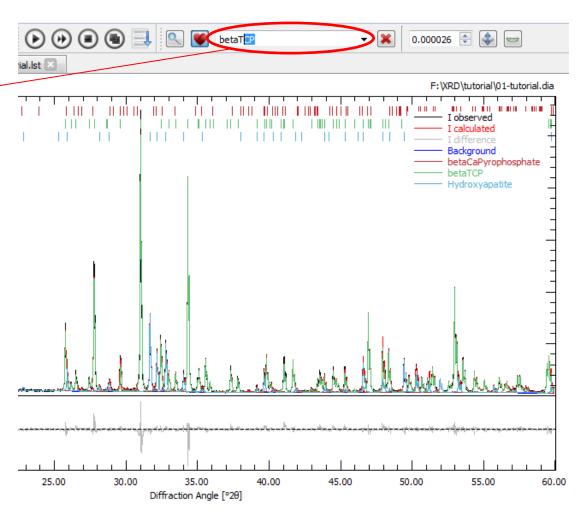


Configure favorites in preferences dialog



Auto-completion in reference structure menu

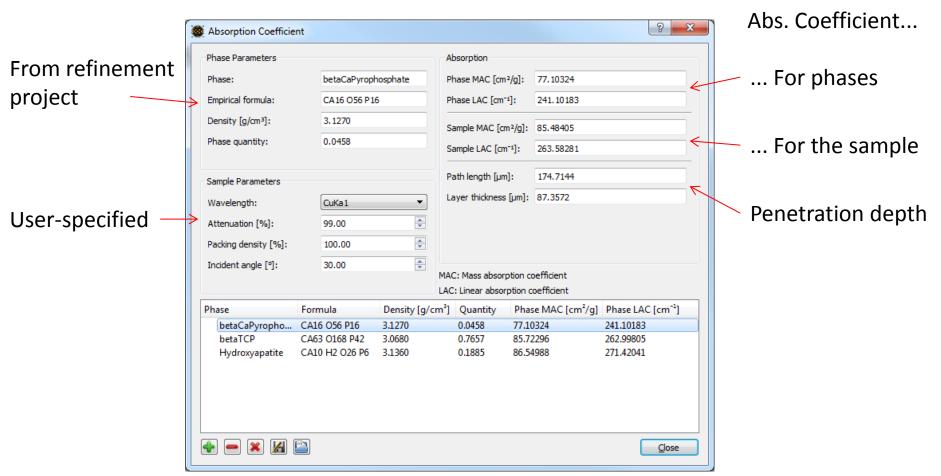
- 1. Start typing in the menu box
- 2. Auto-completion will propose a reference phase
- 3. Press <<Enter>> to accept





OPEN SOURCE XRD AND RIETVELD REFINEMENT

New Tool: Calculate Absorption Coefficients

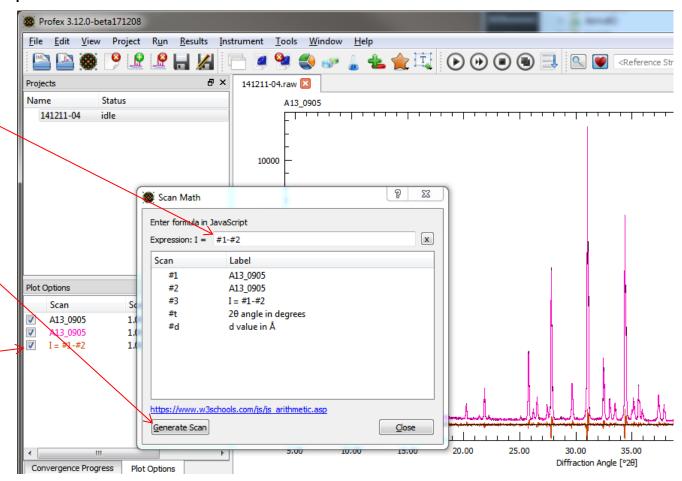


New Tool: Mathematical operations on Scans

1. Enter mathematical expression

2. Generate scan

3. New scan will be appended to the project

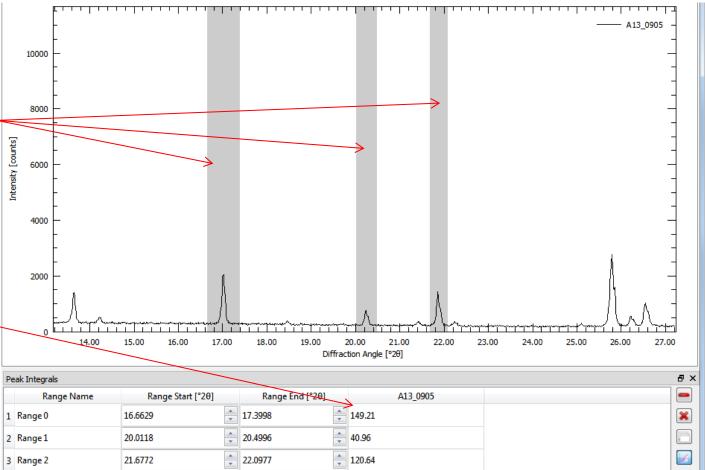


Tools → Scan Math...

New Tool: Integrate peak intensities

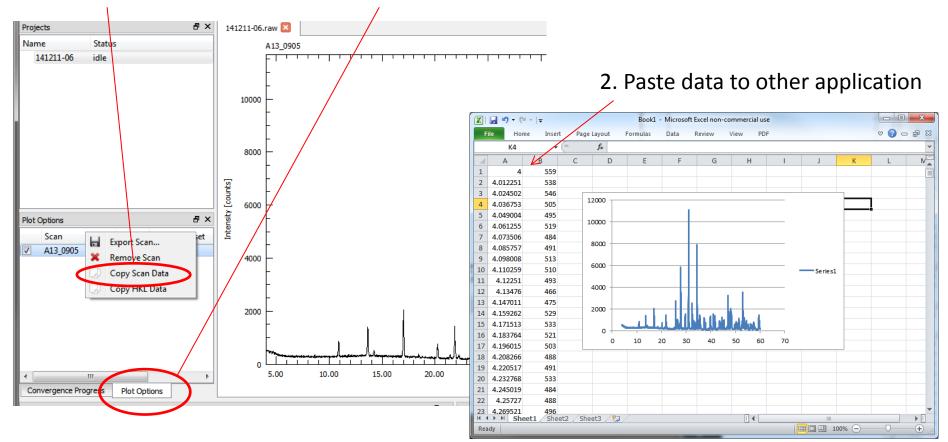
1. Use <<Shift>>+ left mouse buttonto define integrationranges

2. Integrated intensity will be calculated



Copy scan data to clipboard

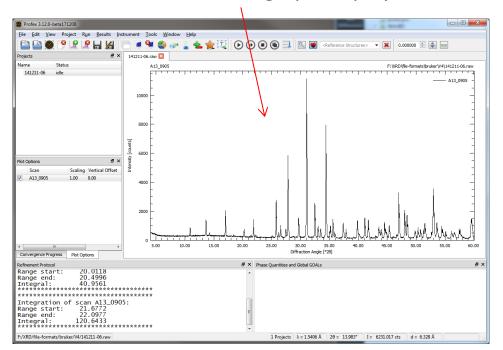
1. Right mouse button in Plot Options list



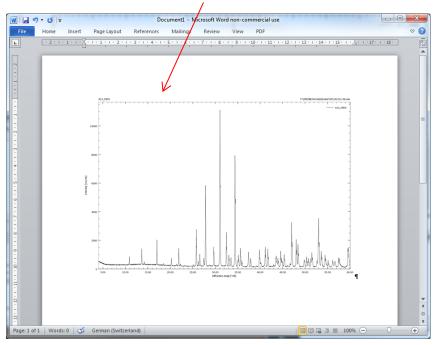
OPEN SOURCE XRD AND RIETVELD REFINEMENT

Copy scan pixel image to clipboard

1. <<Ctrl + C>> on graph display

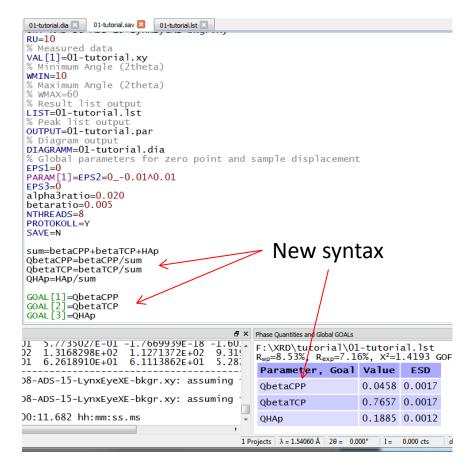


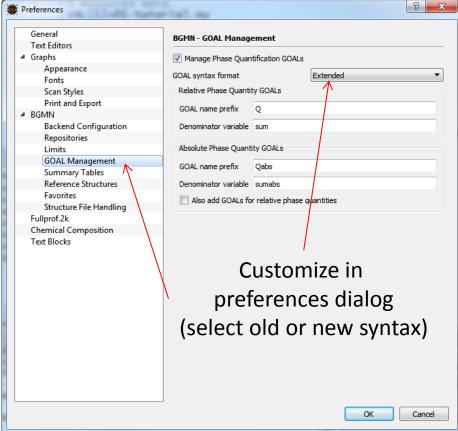
2. <<Ctrl + V>> in other application





New syntax for quantification GOALs (optional)





+ many bugfixes

