<table>
<thead>
<tr>
<th>Sample</th>
<th>1302KCuF3</th>
<th>X-ray</th>
<th>Cu / 30 kV / 15 mA</th>
<th>Counter</th>
<th>MiniFlex2 counter</th>
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</thead>
<tbody>
<tr>
<td>File</td>
<td>1302KCuF3.raw</td>
<td>Goniometer</td>
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<td>Comment</td>
<td>4min 10-90 run</td>
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<td>Date</td>
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<td>Filter</td>
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<tr>
<td>Operator</td>
<td>hoff</td>
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<td>DivSlit +</td>
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<td>Monochro RS</td>
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**Memo:**

![Graph of Intensity (cps) vs. 2theta (deg.)](attachment:image.png)
**Raw data, Smoothing, Background subtraction, Ka2 elimination**

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<thead>
<tr>
<th>Sample</th>
<th>1302KCuF3</th>
<th>File</th>
<th>1302KCuF3.raw</th>
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<th>April-07-10 15:40:20</th>
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<td>Counter</td>
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<td>Miniflex 6 sample changer</td>
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<td>L.Monochro</td>
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<td>2theta/theta</td>
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- **[Smoothing]** Smoothing Points:
- **[Background subtraction]** Peak max. width:
- **[Ka2 elimination]** Intensity ratio (Ka2/Ka1):

<table>
<thead>
<tr>
<th>Raw data Intensity (cps)</th>
<th>Smoothing</th>
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<tbody>
<tr>
<td><img src="image" alt="Raw data Intensity (cps)" /></td>
<td><img src="image" alt="Smoothing" /></td>
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- **Background subtraction**
- **Ka2 elimination**
Peak Search

Comment : 4min 10-90 run  Memo :
Method : 2nd differential  Typical width : 0.240 deg.  Min. height : 500.00 cps

Intensity (cps)

2theta (deg.)
### Peak Search

**Sample**: 1302KCuF3  
**File**: 1302KCuF3.raw  
**Date**: April-07-10 15:40:20  
**Operator**: hoff  
**Comment**: 4min 10-90 run  
**Memo**:  
**Method**: 2nd differential  
**Typical width**: 0.240 deg.  
**Min. height**: 500.00 cps  

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