

SVT v1-step-by-step

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Overview

Compare releasing translations in u and rotations around w

Always float both

Iteratively float 3 layers (axial and stereo) at a time, so

- L1,2,3 then L4,5,6 would be “L123_456”, and so on

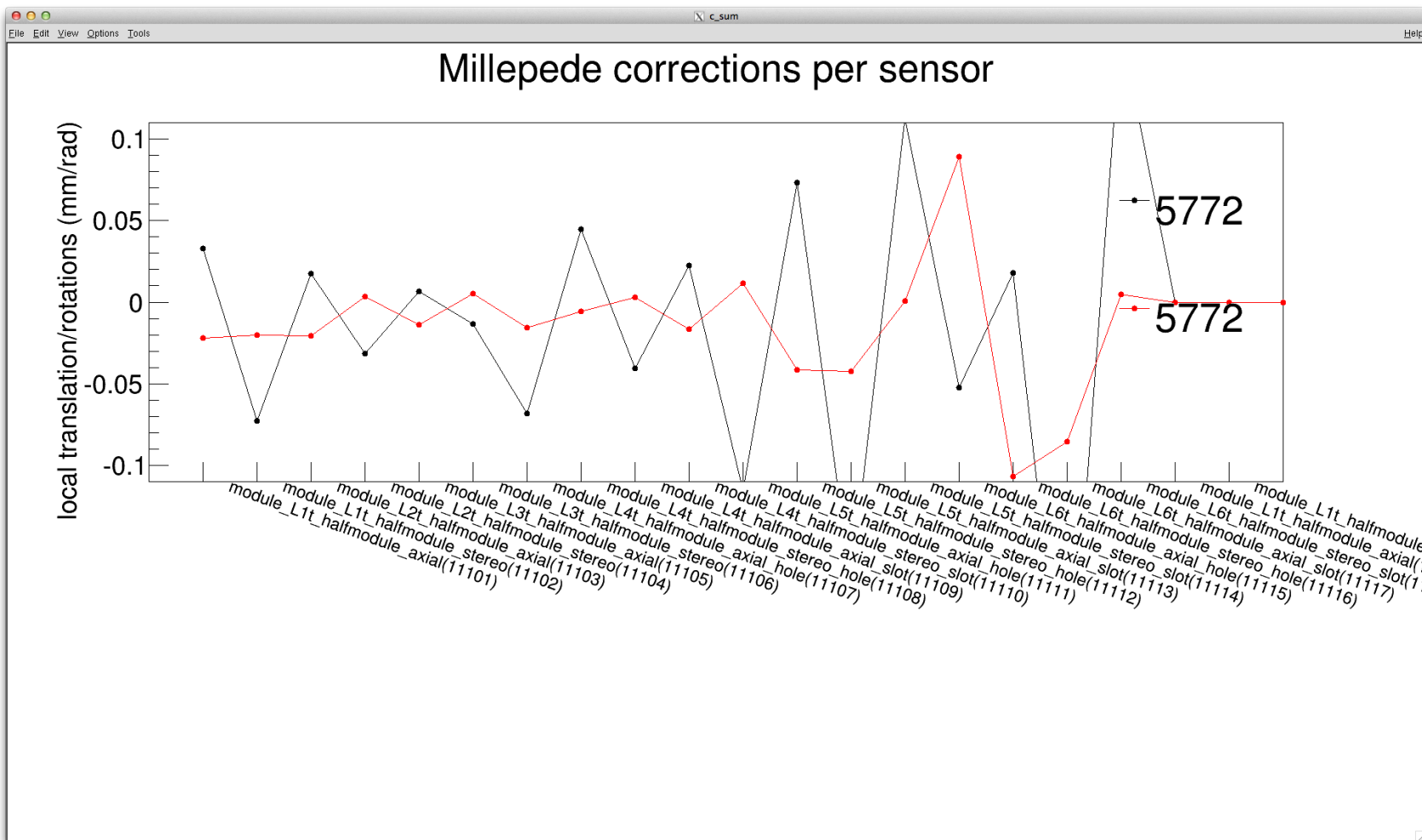
In the following I compare two paths

- Starting by floating L123 or L456
- Then add internal floats
- Then float L123 and L456 again to see if it stabilizes

In most cases the statistics seems ok at each minimization, these are all events from a file of run 5772.

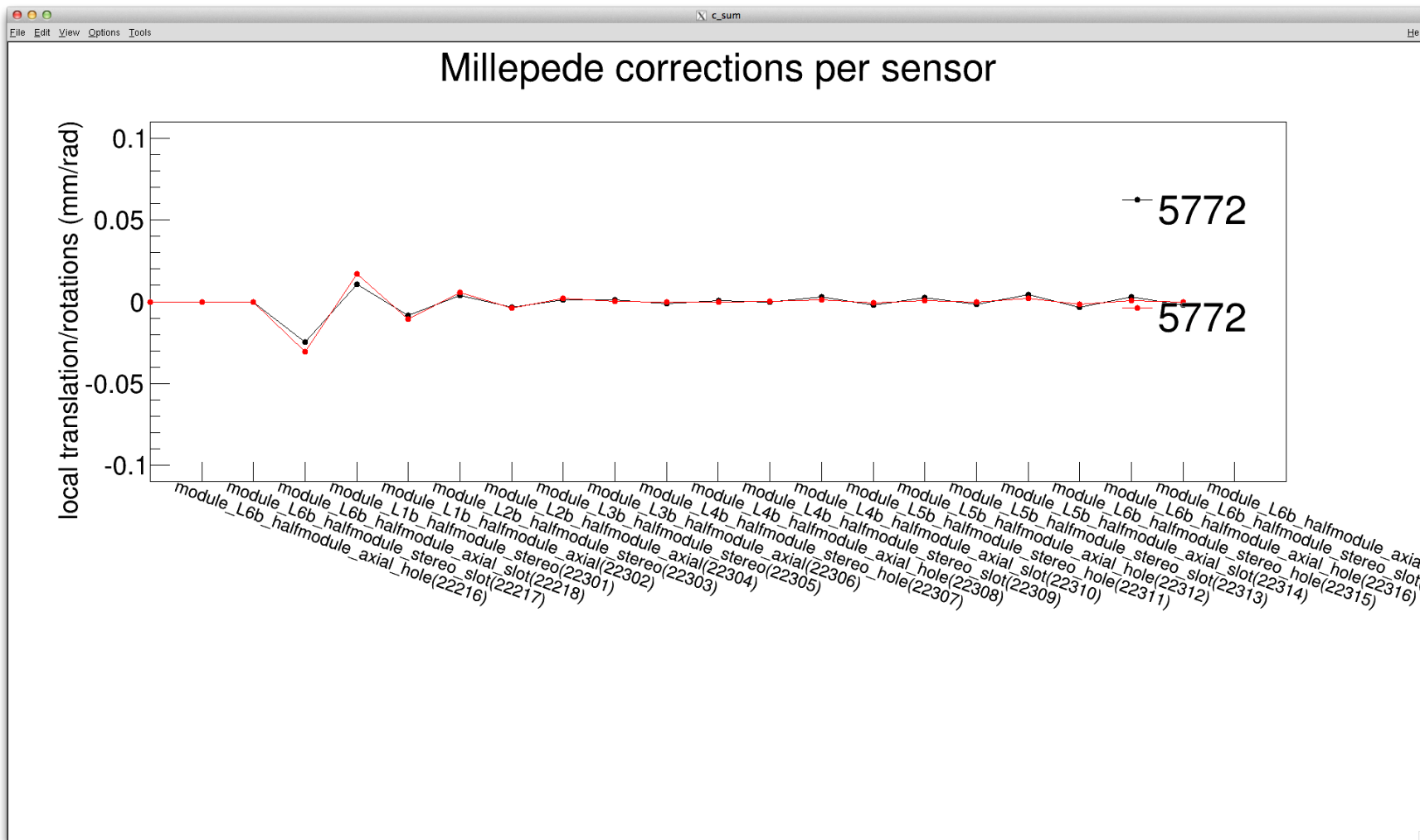
Translation top

Legend: 123_456, 456_123_tu_rw

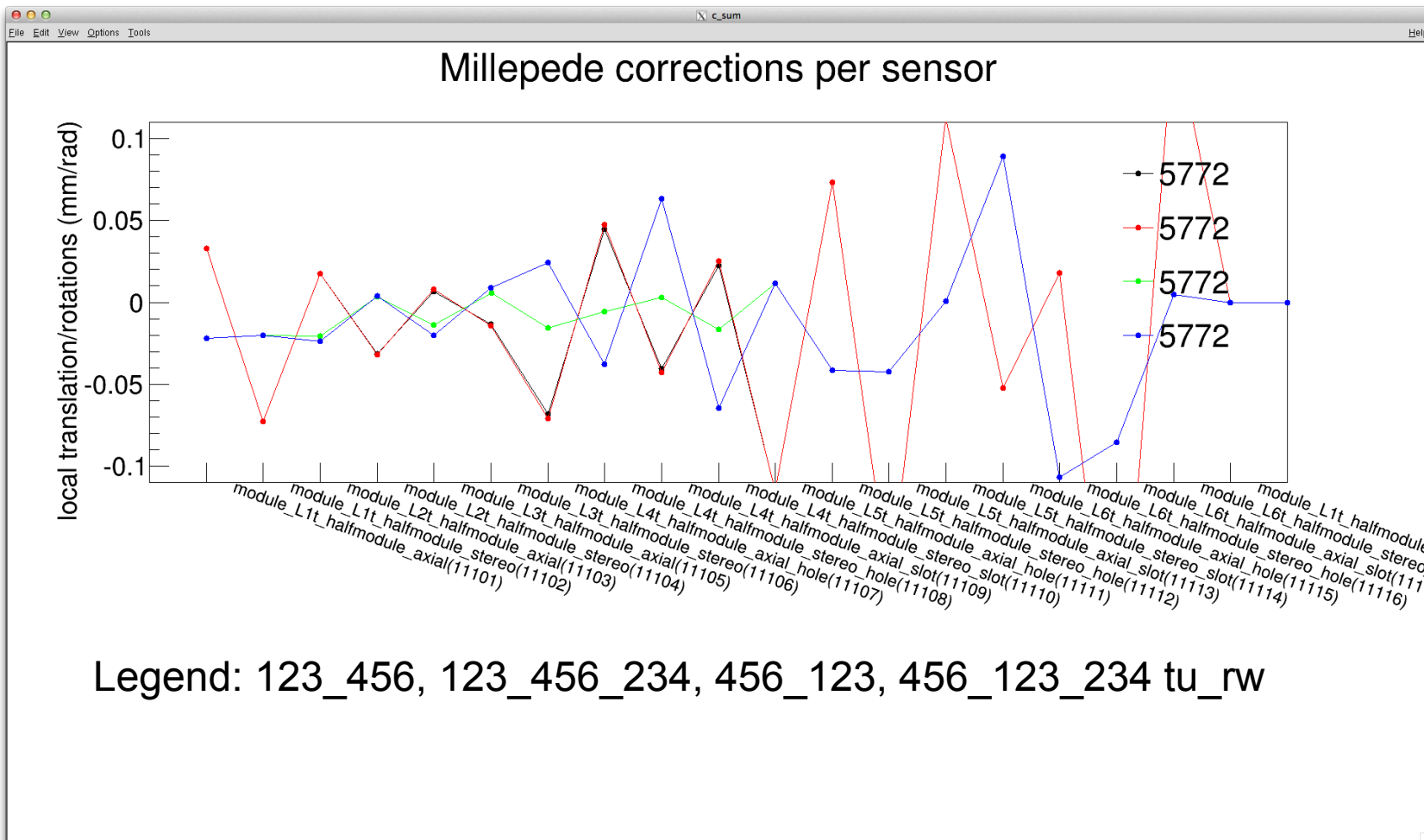


Rotations bottom

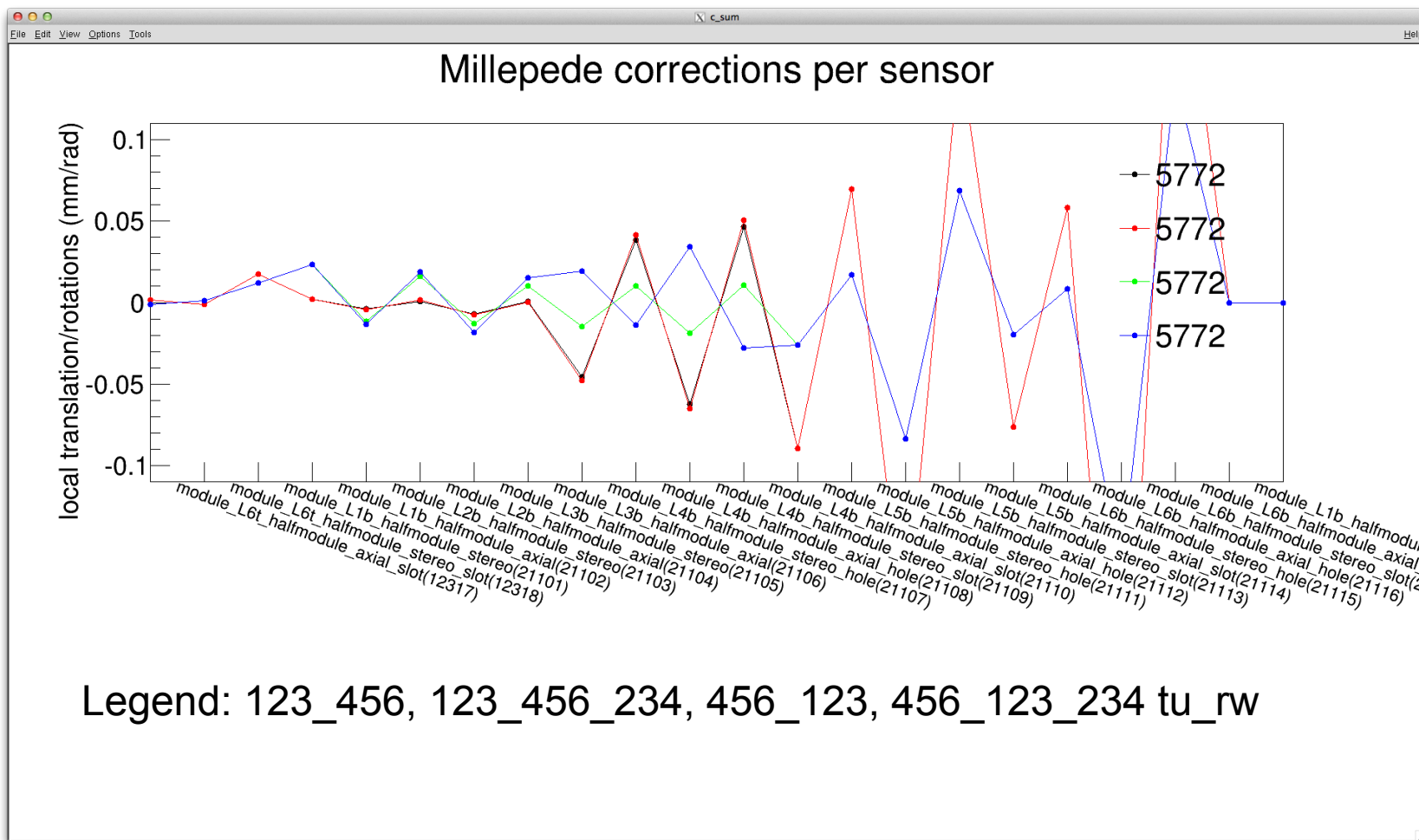
Legend: 123_456, 456_123_tu_rw



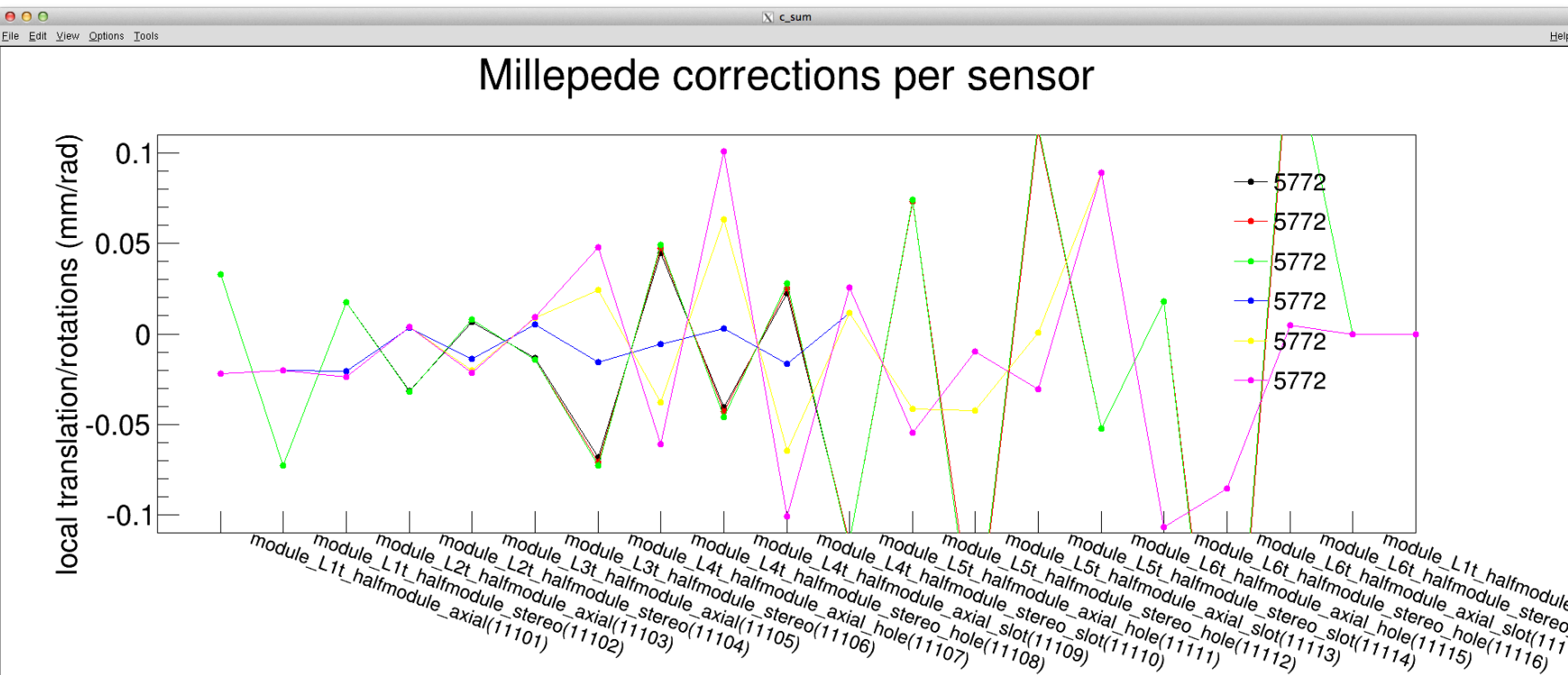
Translation top



Translation bottom

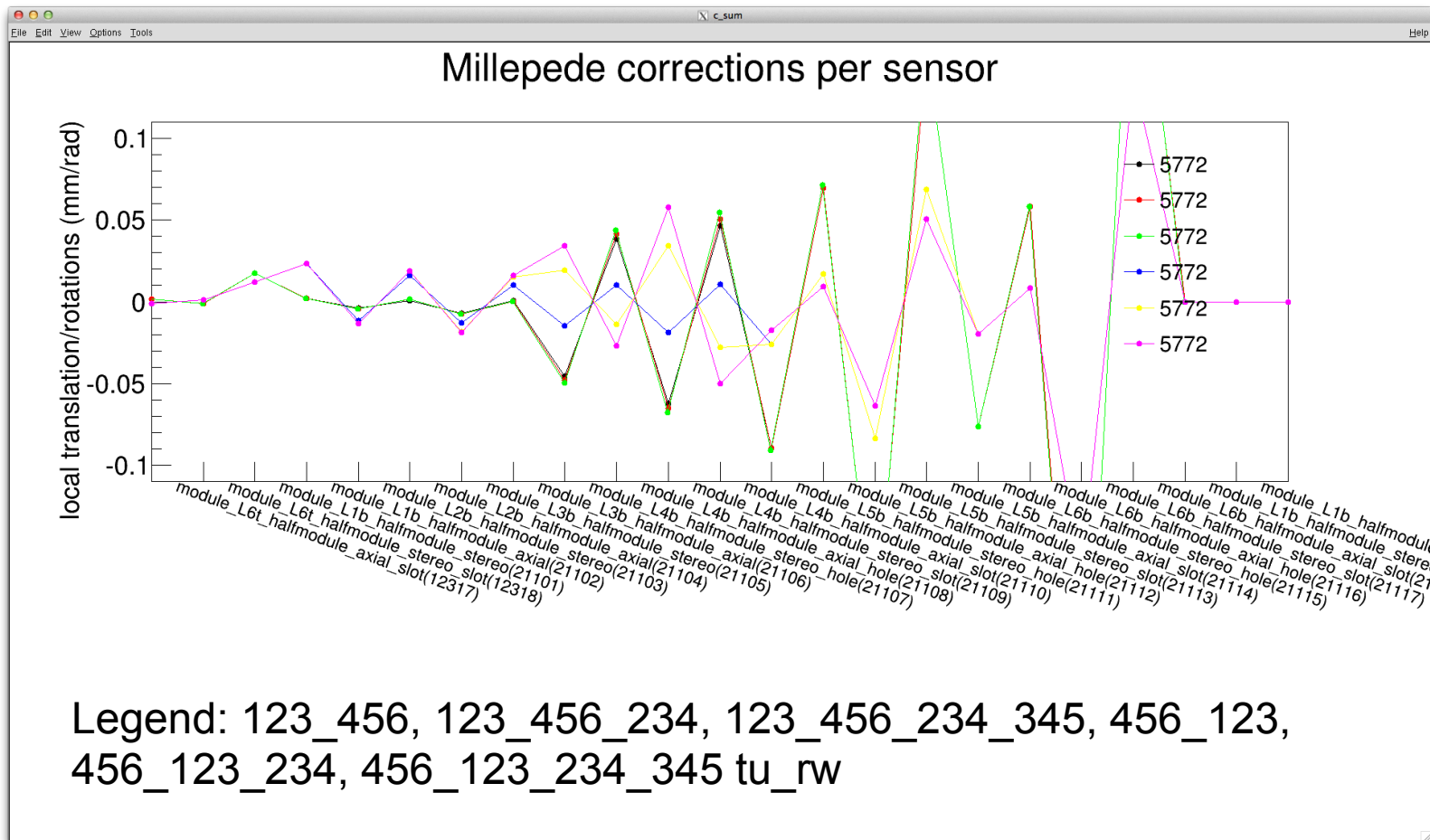


Translation top

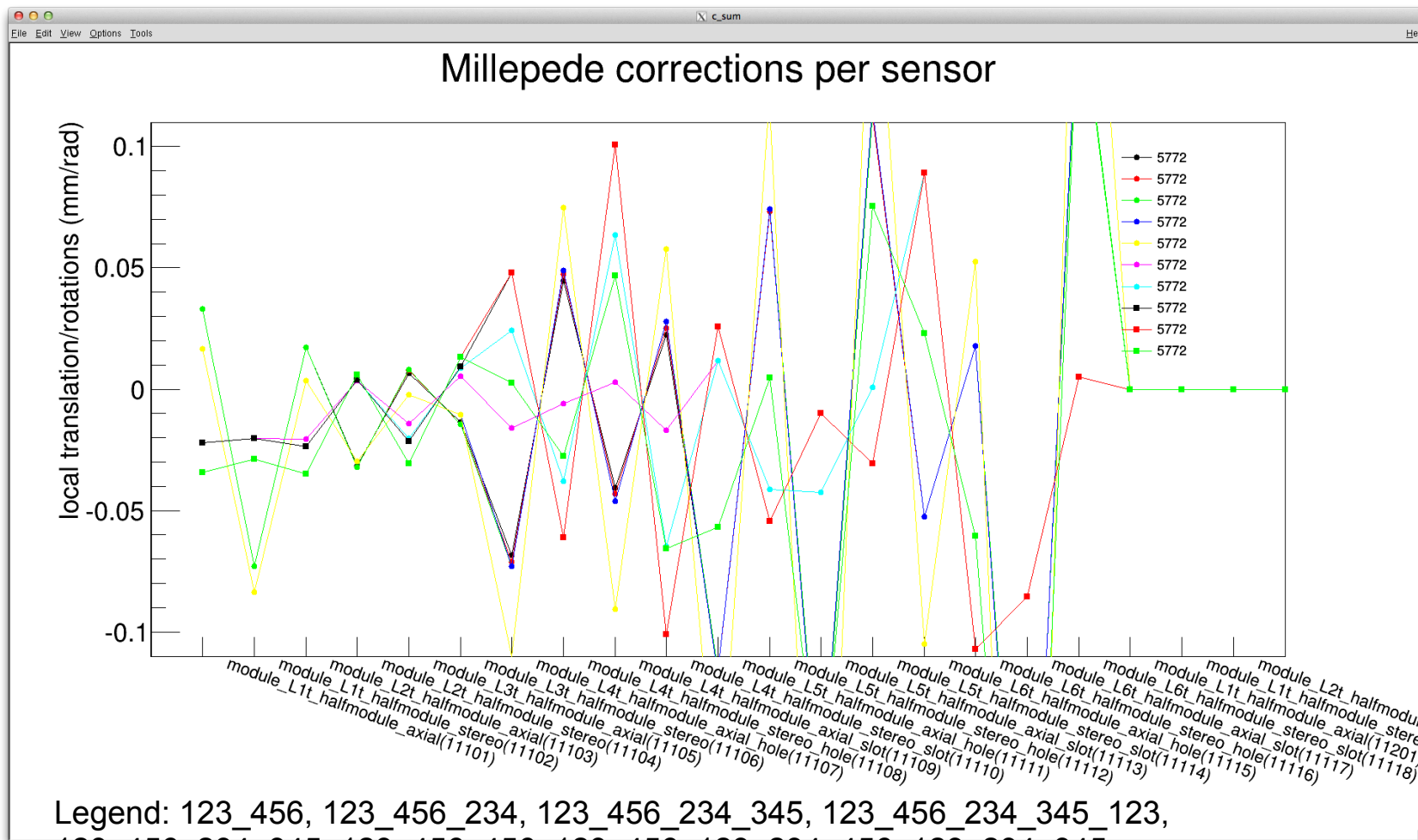


Legend: 123_456, 123_456_234, 123_456_234_345, 456_123,
 456_123_234, 456_123_234_345 tu_rw

Translation bottom

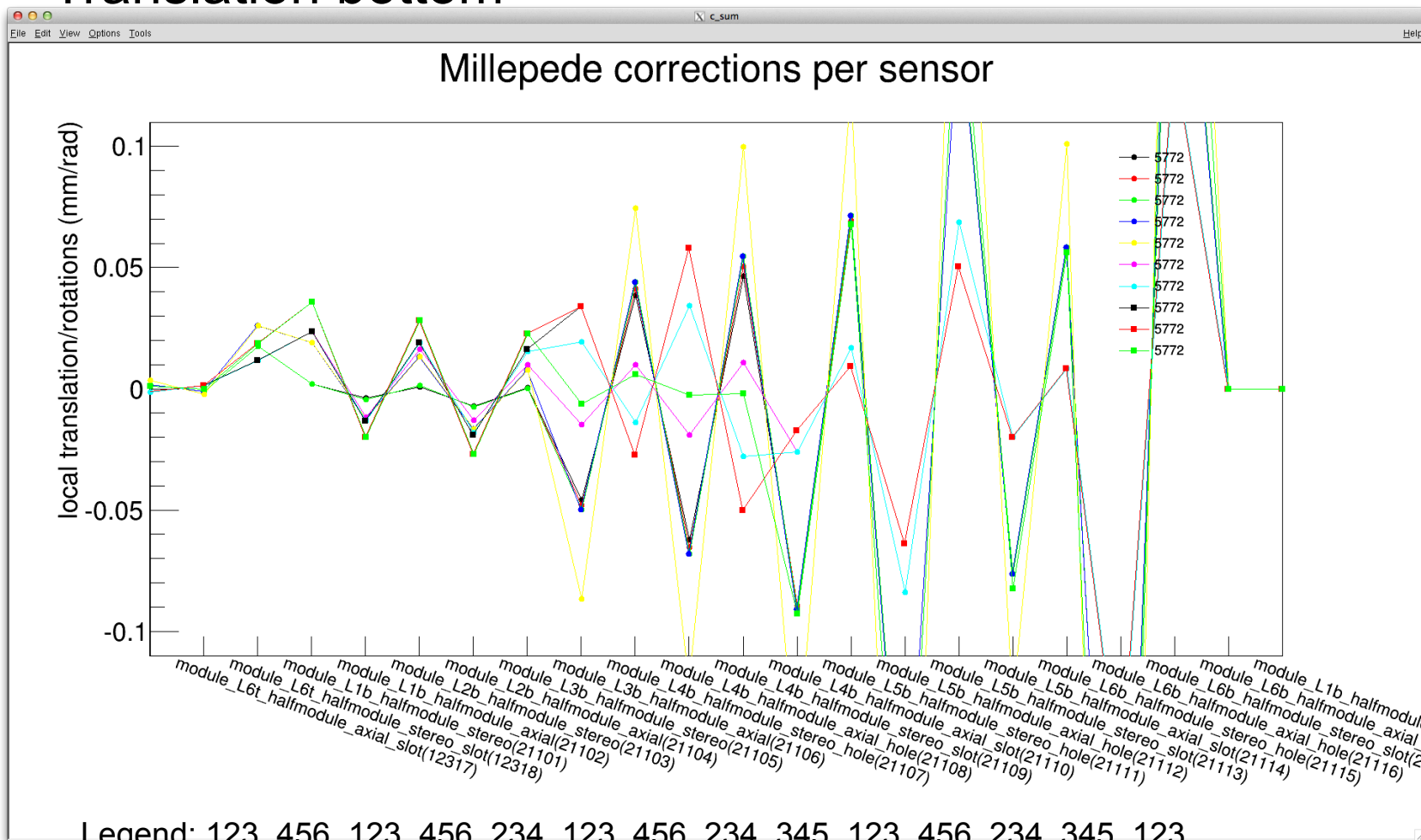


Translation top



Legend: 123_456, 123_456_234, 123_456_234_345, 123_456_234_345_123,
 123_456_234_345_123_456, 456_123, 456_123_234, 456_123_234_345,
 456_123_234_345_123, 456_123_234_345_123_456 tu_rw

Translation bottom



Legend: 123_456, 123_456_234, 123_456_234_345, 123_456_234_345_123,
 123_456_234_345_123_456, 456_123, 456_123_234, 456_123_234_345,
 456_123_234_345_123, 456_123_234_345_123_456 tu_rw