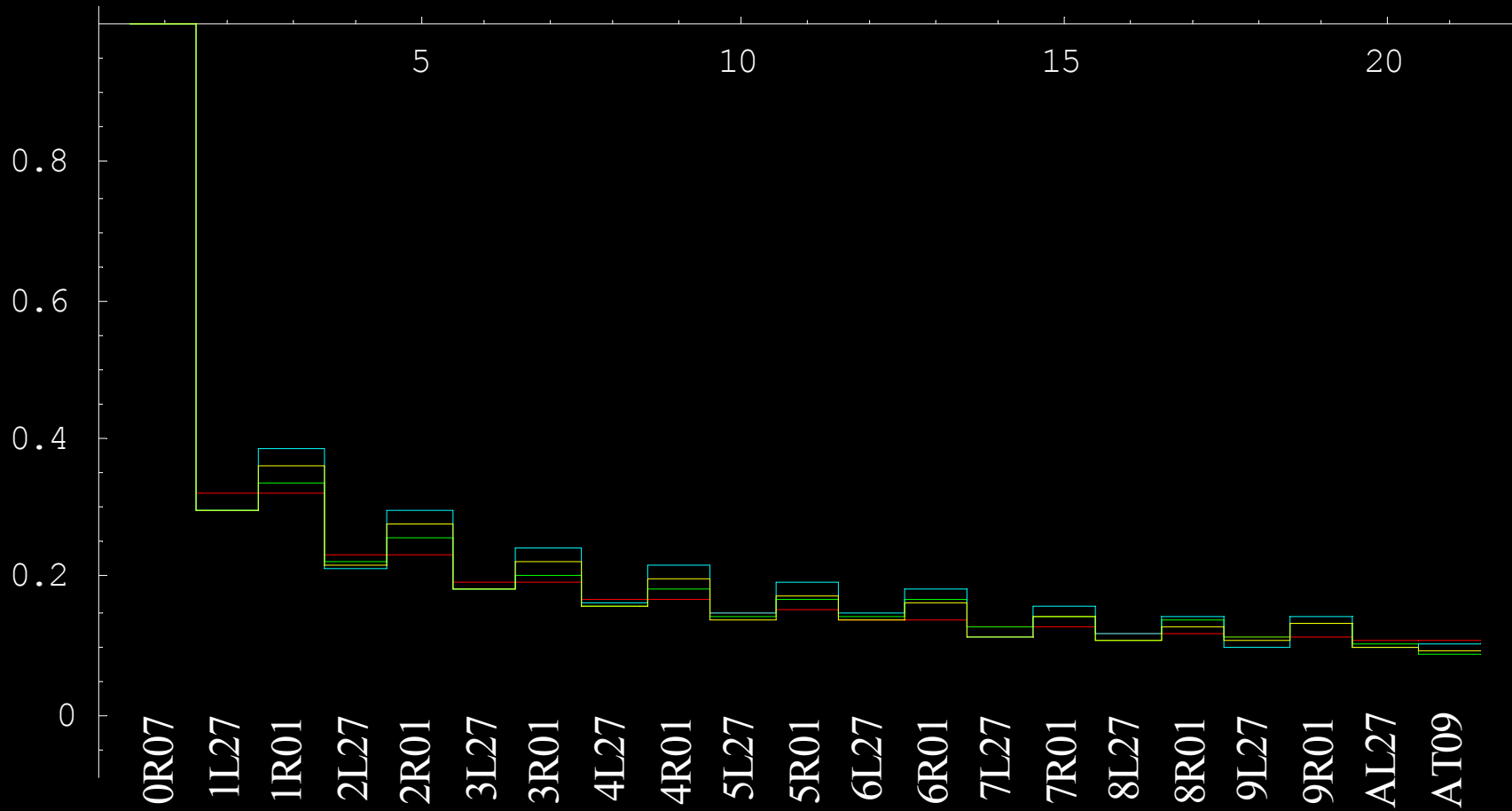


# AMLOG1038B

## SQRT Damping cumulative



**Theoretical damping**    **X sub-matrix**    **Y sub-matrix**    **4 by 4 matrix**

**4CH/STP BPM:            1.1458**  
**SLN/STP BPM:            0.9052**

- **Energy error and XY coupling unlikely to explain this**
- **Local Trajectories fit model very well**
- **<< 1% deviation from theory between Injector & Hall C because both use STP BPM's**