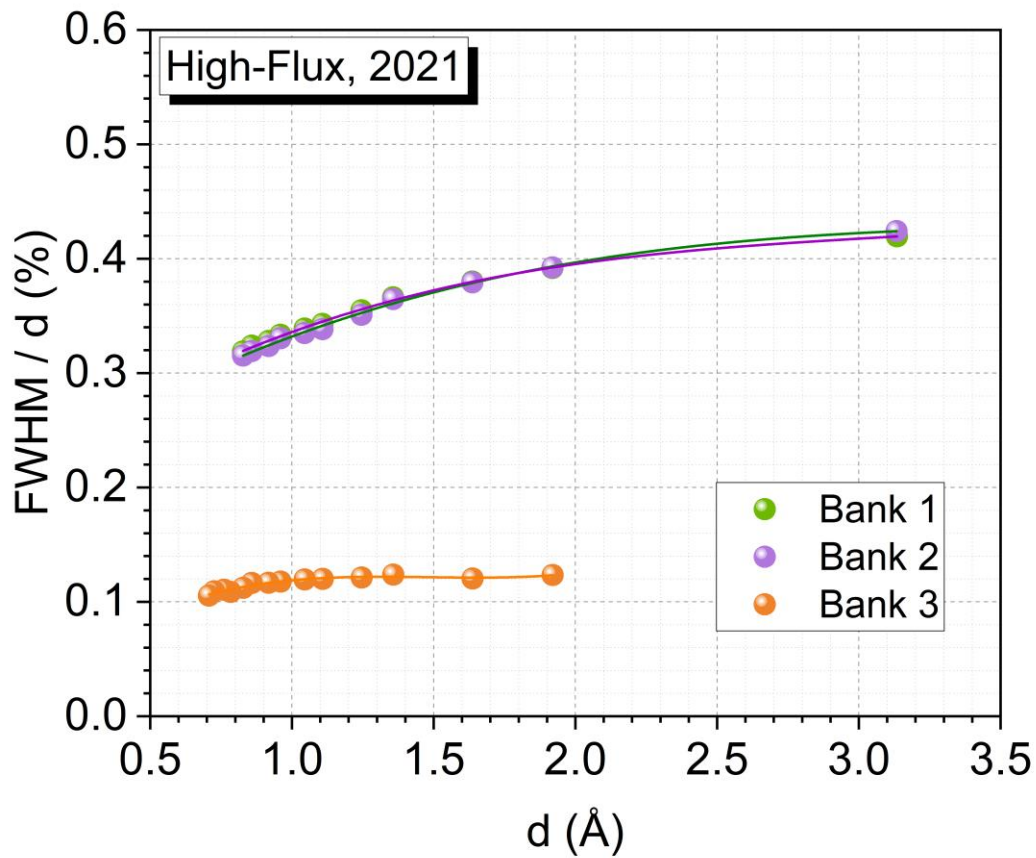


## Vulcan instrument resolution at high-flux mode



Note:

Slits size: 5 (H) x 12 (V); Bank 1 and 2 collimators: 5mm.

Bank 1 (west bank): typically measuring loading direction

Bank 2 (east bank): typically measuring transverse direction

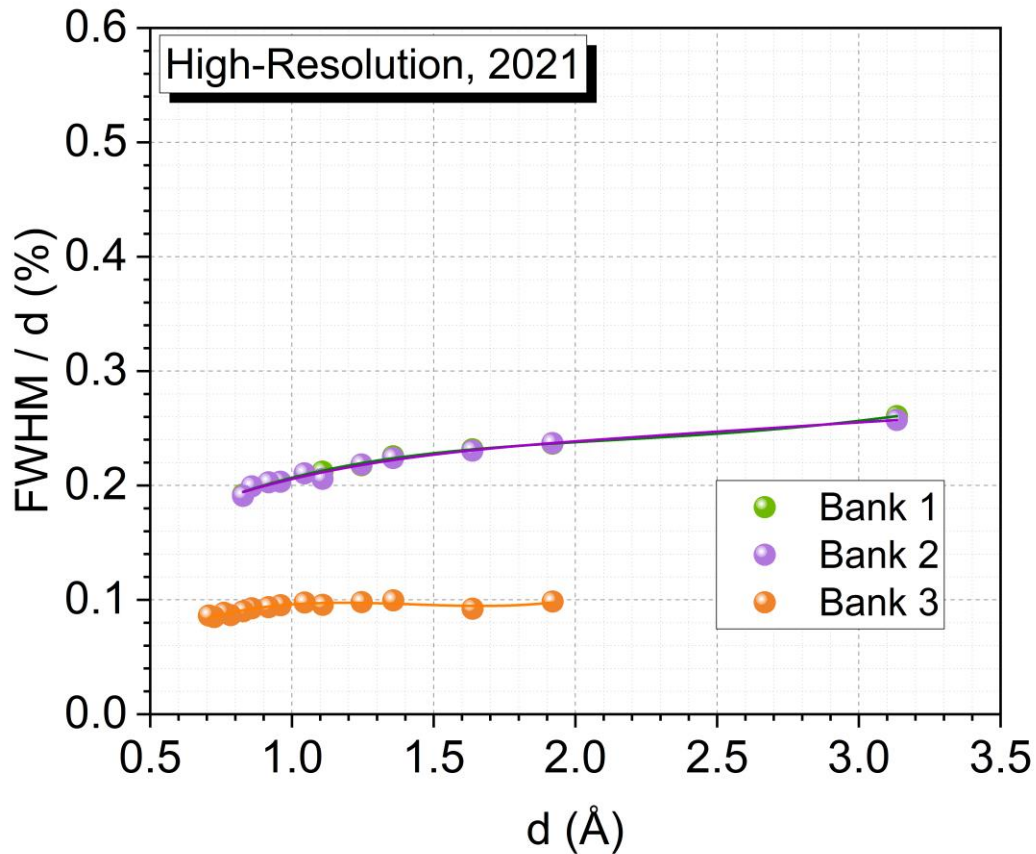
Bank 3 (high angle bank): measuring a direction 30° off the normal direction.

High-Flux mode: high-intensity guide, without No.9 guide.

Measured at 2021A cycle, Run-192822.

Contact Vulcan team for your experiment specific-Si data.

## Vulcan instrument resolution at high-resolution mode (previous HR)



Note:

Slits size: 5 (H) x 12 (V); Bank 1 and 2 collimators: 5mm.

Bank 1 (west bank): typically measuring loading direction

Bank 2 (east bank): typically measuring transverse direction

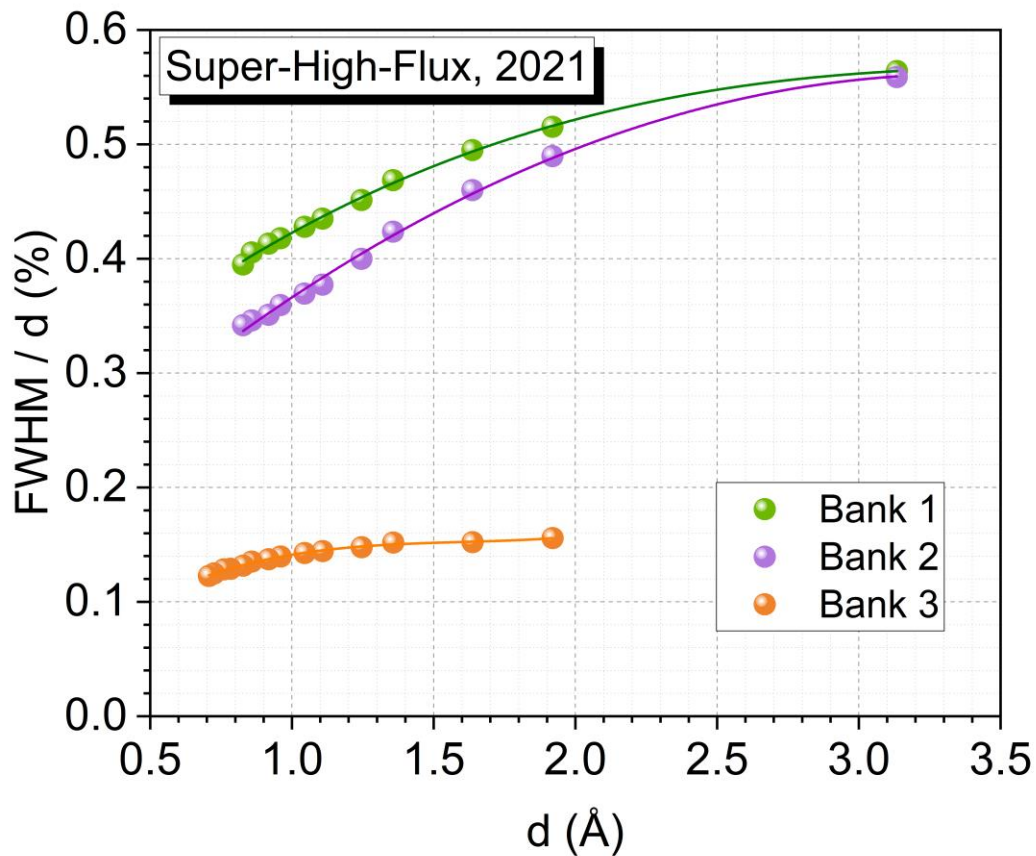
Bank 3 (high angle bank): measuring a direction 30° off the normal direction.

High-Resolution mode: high-resolution guide, with No.9 guide.

Measured at 2021A cycle, Run-192816.

Contact Vulcan team for your experiment specific-Si data.

## Vulcan instrument resolution at super-high-flux mode (previous HI)



Note:

Slits size: 5 (H) x 12 (V); Bank 1 and 2 collimators: 5mm.

Bank 1 (west bank): typically measuring loading direction

Bank 2 (east bank): typically measuring transverse direction

Bank 3 (high angle bank): measuring a direction 30° off the normal direction.

Super-High-Flux mode: high-intensity guide, with No.9 guide.

Measured at 2021A cycle, Run-192814.

Contact Vulcan team for your experiment specific-Si data.