

2.4Å, 98% complete, 5.3% Rmerge (17.1% top shell)

Very clear density for the substrate-analogue

HN + non-hydrolysable substrate:

379 images (0.25 degree oscillation)

2.5Å, 100% complete, 5.1% Rmerge (40.1% top shell)

Disordered density for the non-hydrolysable substrate

XOR. No data collected - many crystals tried, all either didn't diffract or were very mosaic.

03/06/00 – 04/06/00 ID14-2 (12 hours)

HN Native: 1.8Å, 90% complete, 10.2% Rmerge

HN + 100mM Calcium: 1.9Å, 93.5% complete, 15.8% Rmerge. Problems processing/scaling both data sets. Despite help from Ed Mitchell could not solve these problems. Therefore both data sets were unusable.

XOR. no data collected. smeary diffraction observed from

human crystals to a maximum resolution of 7Å. One crystal diffracted nicely to 7Å but decided not to collect it as we already have higher resolution data in the same space group/cell.