

BM30-01-863

March 10 and 11, 2011

$\lambda = 0.9797 \text{ \AA}$
16-bunch mode

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We are on one hand studying neuroprotection by noble gas like xenon, krypton and argon, and on the other hand urate oxidase catalytic mechanism.

Data collections are done at room temperature, with the crystal of protein inserted in a quartz capillary mounted on our specially designed pressurization cell.

During this run, we have collected 22 full data collection at room temperature, under gas pressure, using our own pressurization cell.

Elastase: 12 full data collection, native, under krypton and argon oxygen pressure, best resolution 1.35 \AA

Urate oxidase: 10 full data collection, under krypton and argon pressure, best resolution 1.55 \AA

During this run, we have also collected 4 full data collection at cryo temperature.

Urate oxidase: 4 full data collection, native and with H_2O_2 , best resolution 1.40 \AA