

BM30-01-856

December 10, 2010

$\lambda = 0.980 \text{ \AA}$
16-bunch mode

Local contact: Michel Pirocchi

We are on one hand studying neuroprotection by inert gas, and on the other hand, we are studying oxygen binding to urate oxidase.

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 10 full data collection at room temperature, under gas pressure, using our own pressurization cell.

Urate oxidase: 8 full data collection, native, under xenon pressure, and under oxygen pressure, best resolution 1.34 \AA

Lysosyme: 2 full data collection under xenon pressure, best resolution : 1.70 \AA