



	<b>Experiment title:</b> The structure of taurine $\alpha$ -ketoglutarate dioxygenase	<b>Experiment number:</b> LS-1671
<b>Beamline:</b> BM14	<b>Date of experiment:</b> from: 20-04-2000 to: 21-04-2000	<b>Date of report:</b> 4-9-2000
<b>Shifts:</b> 1	<b>Local contact(s):</b> Wim Burmeister	<i>Received at ESRF:</i>
<b>Names and affiliations of applicants</b> (* indicates experimentalists): Dr P. J. Rutledge J. M. Elkins* C. H. Hamilton* Dr I. J. Clifton Professor Sir Jack Baldwin  Address: The Dyson Perrins Laboratory, South Parks Road Oxford, OX1 3QY UK		

### Report:

The principal focus for this shift was collection of a uranium MAD dataset from crystals of taurine  $\alpha$ -ketoglutarate dioxygenase (TauD).

The remainder of the time was used to collect data from another  $\alpha$ -ketoglutarate-dependent dioxygenase, deacetoxycephalosporin C synthase (DAOCS), using crystals that had been soaked with a penicillin substrate analogue.