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The water background data taken at CHESS 2011 run after the negative angle data was subtracted.

show(water, [0 5000]);



Transform this data into polar coordinates (q, phi).

polarshow(water, [0 2.3], [0 90], [0 5000]);

The syntax is: polarshow(image, [qmin qmax], [phi\_min phi\_max], colorscale);



Intensity as a function of phi at q = 2 A-1.

integrate\_annulus\_ccd(water,[1.99 2.01]); and use plottera as usual.



Syntax: integrate\_annulus\_ccd( image, q\_range, phi\_range, bin\_size, N\_point, q\_delta)