Multi dimensional axes

- provision of multidimensional axes for plotting and analysis in NXdata (example 2d scan)

```
/ NXroot
   entry NXentry
       data NXdata
            data[n,m,100,100]
                   @signal=1
            oneaxis[n,m]
            otheraxis[n,m]
            q[100,100]
```

Not currently possible.

Proposal by example

```
/ NXroot
   entry NXentry
       data NXdata
           @signal=I
           @I_axes=Temperature,Wavelength,Pressure,Q,Q
           @Q_indices=1,3,4
           @Wavelength_indices=1
           @Energy_indices=1
           @Temperature_indices=0,1,2
           @Pressure_indices=2
               I: float[nTemperature,nWavelength,nPressure,128,512]
               Q: float[nWavelength,128,512]
               Wavelength: float[nWavelength]
               Energy: float[nWavelength]
               Temperature: float[nTemperature,nWavelength,nPressure]
               Pressure: float[nPressure]
```

- add attributes to NXdata
- put signal there
- keeping all information about the relationship of the dataset local to the group they are combined in makes sense
- *data*_axes tells us what the main purpose of an axis is
- *axis*_indices tells us what indices of the *data* you need to put into *axis* to give the corresponding axis value
- datasets that are not listes in *data*_axes are secondary axes by default