I'm trying to get 2D wave spectra for a region of ocean using the following query:

```python
c.retrieve(
    'reanalysis-era5-complete',
    'class': 'ea',
    'date': '2003-02-20/to/2003-03-01',
    'direction': '1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24',
    'domain': 'g',
    'expver': '1',
    'frequency': '1/2/3/4/5/6/7/8/9/10/11/12/13/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30',
    'number': '0/1/2/3/4/5/6/7/8/9',
    'param': '251.140',
    'stream': 'ewda',
    'time': '00:00:00/03:00:00/06:00:00/09:00:00/12:00:00/15:00:00/18:00:00/21:00:00',
    'area': str(maxLat) + '/' + str(maxLon) + '/' + str(minLat) + '/' + str(minLon), # North, West, South, East. Default: global
    'grid': '0.5/0.5', # Latitude/longitude. Default: spherical harmonics or reduced Gaussian grid
    'type': 'an',
    'format': 'netcdf', # Output needs to be regular lat-lon, so only works in combination with 'grid'!
).
```

I get back a 6 dimensional array that contains date, lat, lon, direction, frequency, and ensemble. I was expecting to get a single spectral density for each combination of date, lat, lon, direction and frequency. I'm not sure what the 10 ensemble values are. Do I need to do something with these 10 ensemble values to get the spectral density? Thanks in advance for any assistance you can provide.

James