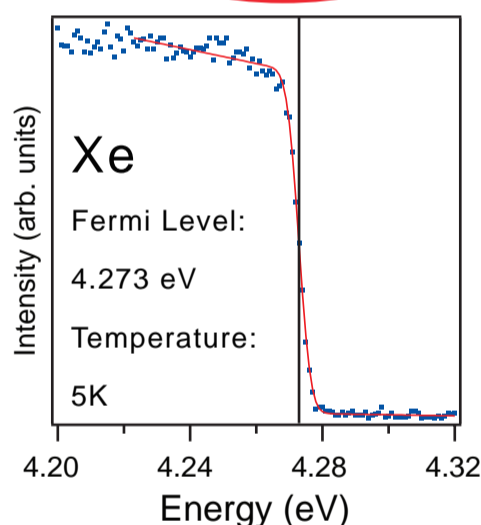
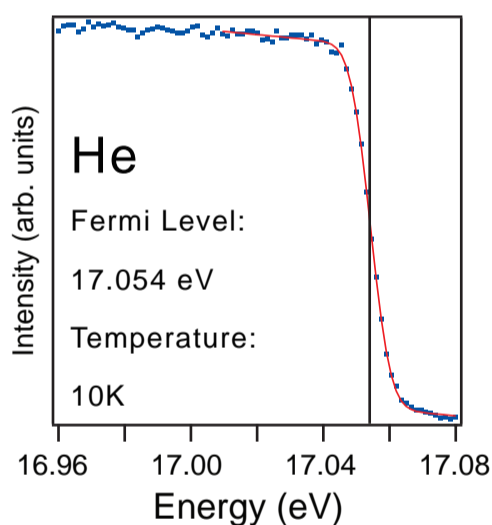


Description

The new FERMI BL-1000 is an ultra-high efficiency UV source based on revolutionary plasma local field mechanism, integrated with latest solid RF source technology. Providing orders of magnitude higher efficiency than traditional plasma-base UV sources. BL-1000 is an electrode-free and ignite-free universal UV source, which can work with various gases and gas mixture. Providing broad applications, such as photoemission spectroscopy, mass spectroscopy, atomic absorption spectroscopy etc.

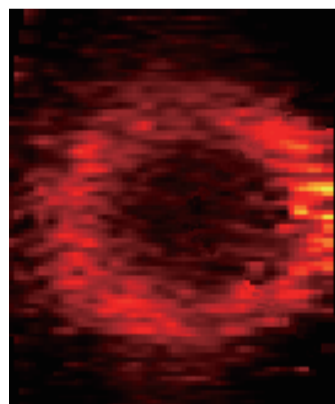
Gold Fermi Edge

Ultra High Flux
X 3



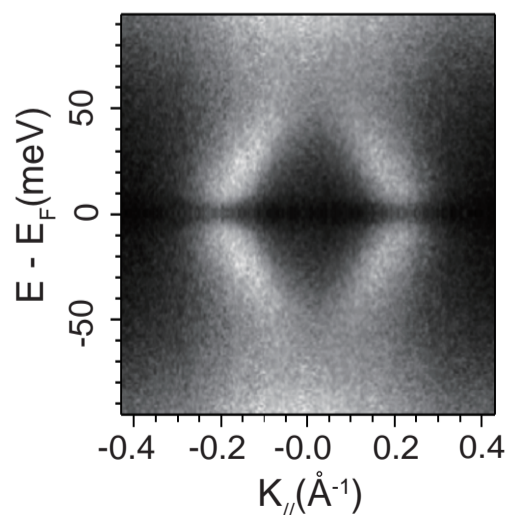
Spectrum excited by He and Xe radiation

FeSe Thin Film Test



Quick Mapping
(1 sweep)

@Prof. D. L. Feng's Lab



SC Spectrum

Specifications

- **Multiple Working Gases**
He, Ne, Ar, Kr, Xe, ...
- **Photon Energy**
8.4eV - 40.8eV
- **Photon Flux**
> 5×10^{17} Photons/Sr sec
- **Resolution**
< 1meV
- **Integrated Flowmeter**
All metal structure, ultra-clean
- **Power Supply**
Compact solid RF source driven by 24V/200 W power source
- **UHV Compatible All Metal Seals**
- **Bakeable To 120°C**