

White Beam with Attenuation

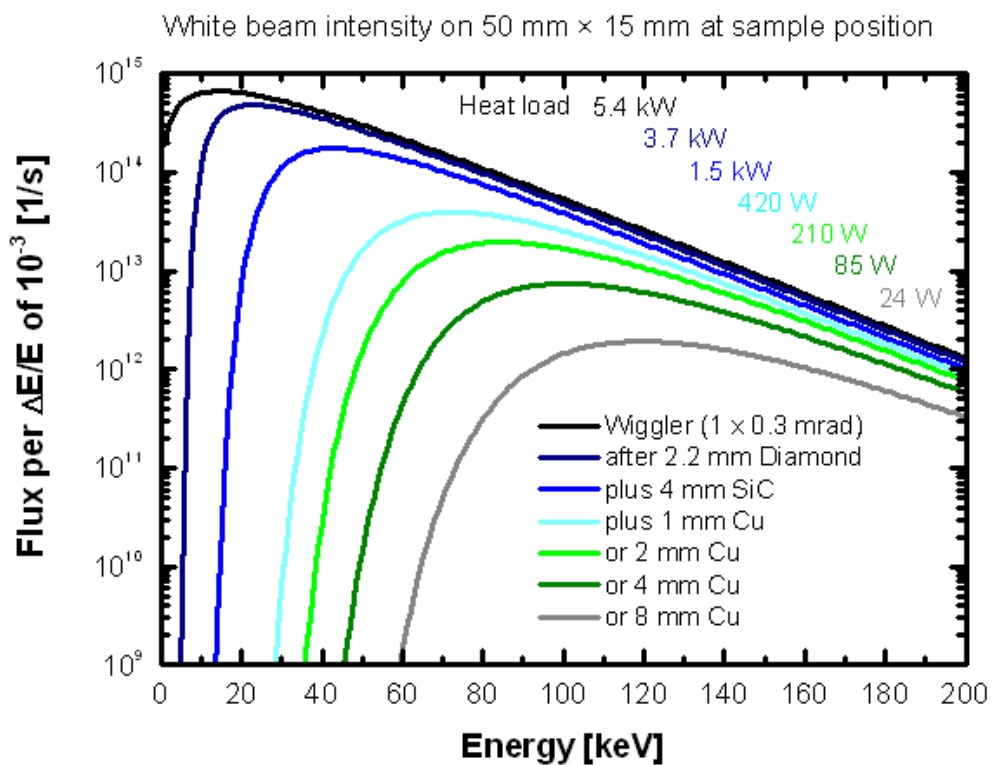


Fig: White beam intensity, calculated for a large beam size (imaging) at the sample position

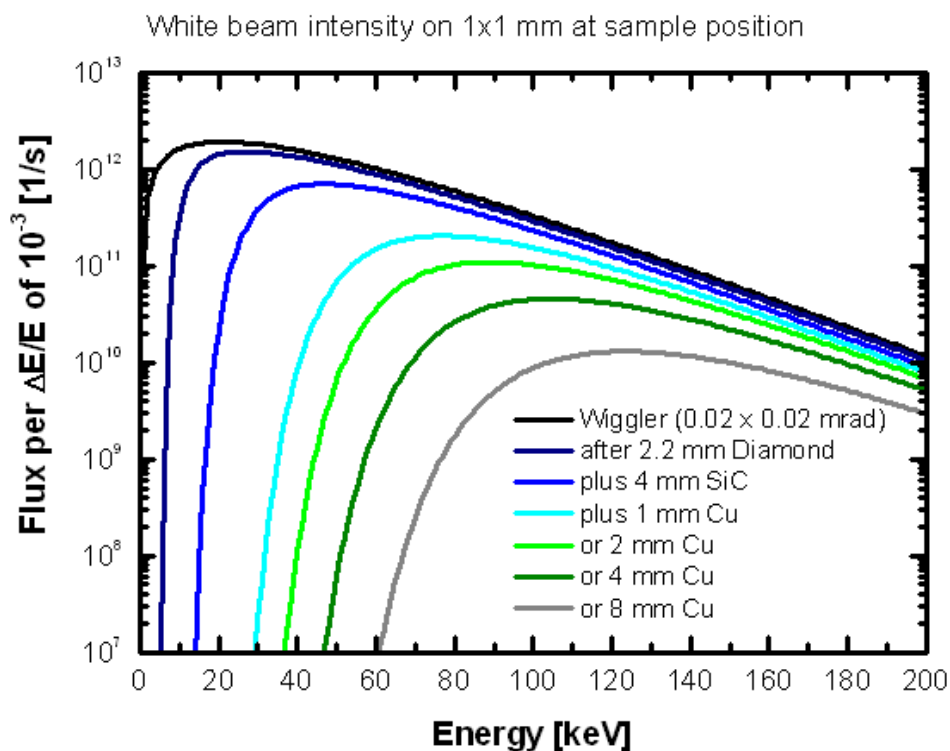


Fig: White beam intensity, calculated for a small beam size (diffraction) at the sample position

NOTE: The information in these graphs are from theoretical design calculations, for a storage ring energy of 3.2 GeV and 300 mA ring current.

Monochromatic Beam with Attenuation

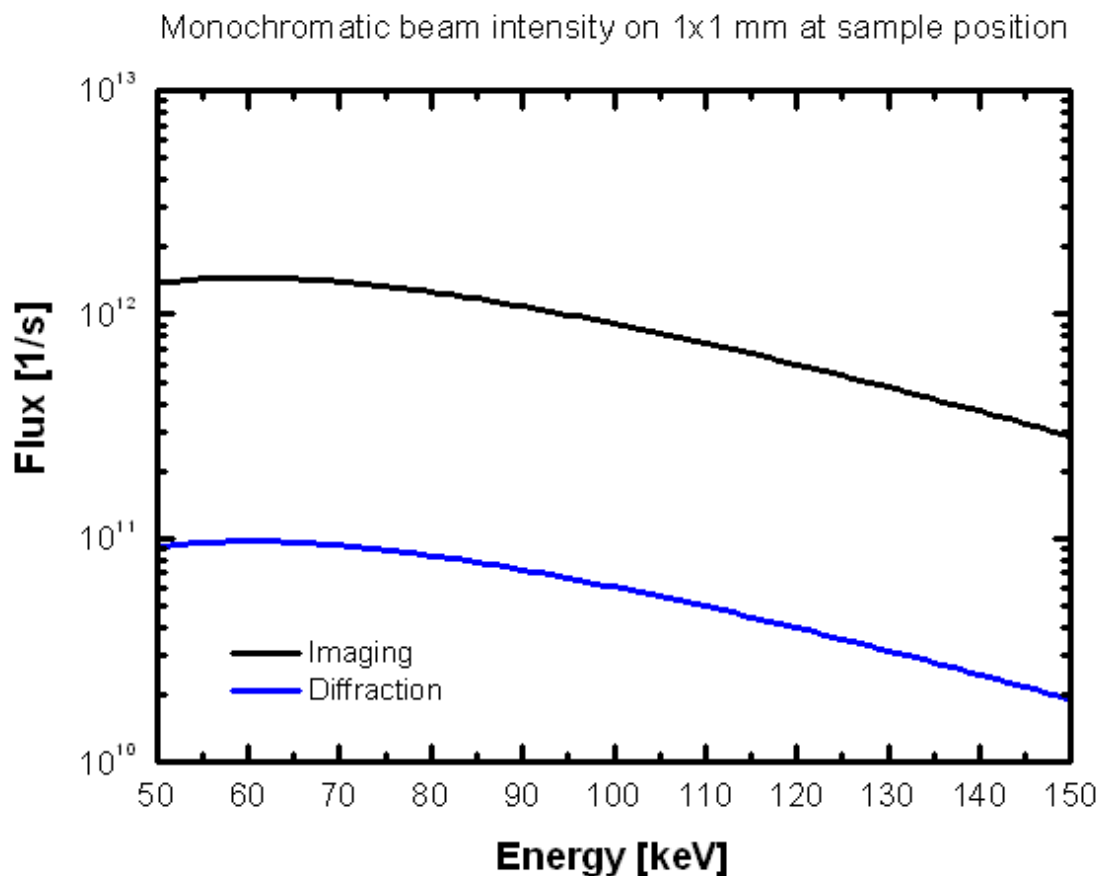


Fig: Monochromatic beam intensity, calculated for a small beam size at the sample position and dependent on the monochromator settings for imaging (wide bandwidth) and diffraction (narrow bandwidth)

NOTE: The information in these graphs are from theoretical design calculations, for a storage ring energy of 3.2 GeV and 300 mA ring current.