



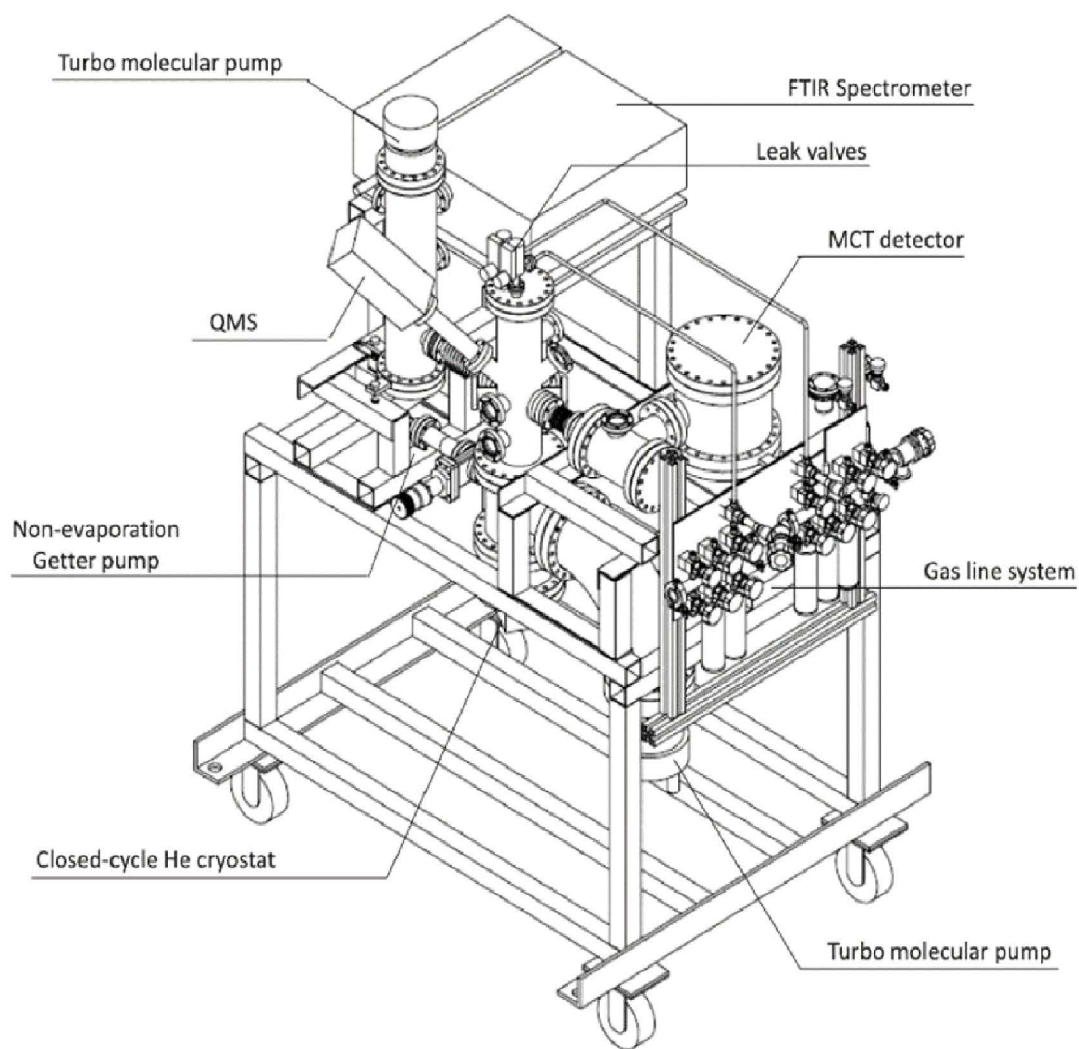
JOURNAL OF
SYNCHROTRON
RADIATION

Volume 22 (2015)

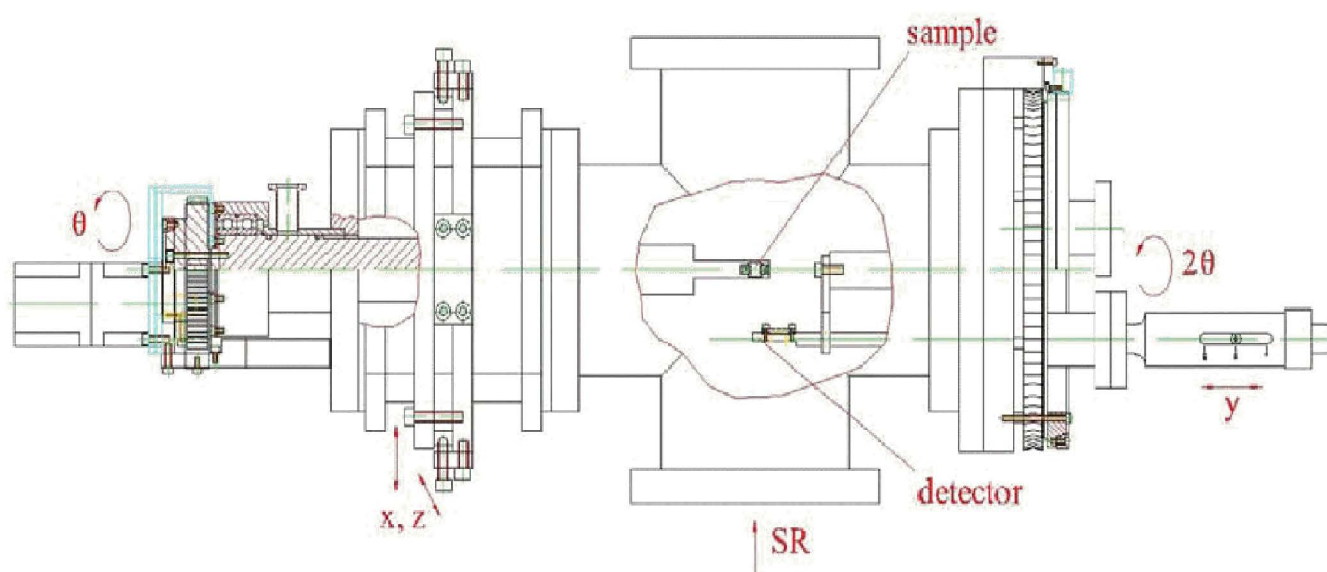
Supporting information for article:

Upgrade of beamline BL08B at Taiwan Light Source from a photon-BPM to a double-grating SGM beamline

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(a)



(b)

Figure S1 Schematic diagram of (a) the IPS end station and (b) the EUV-UHV reflectometer.

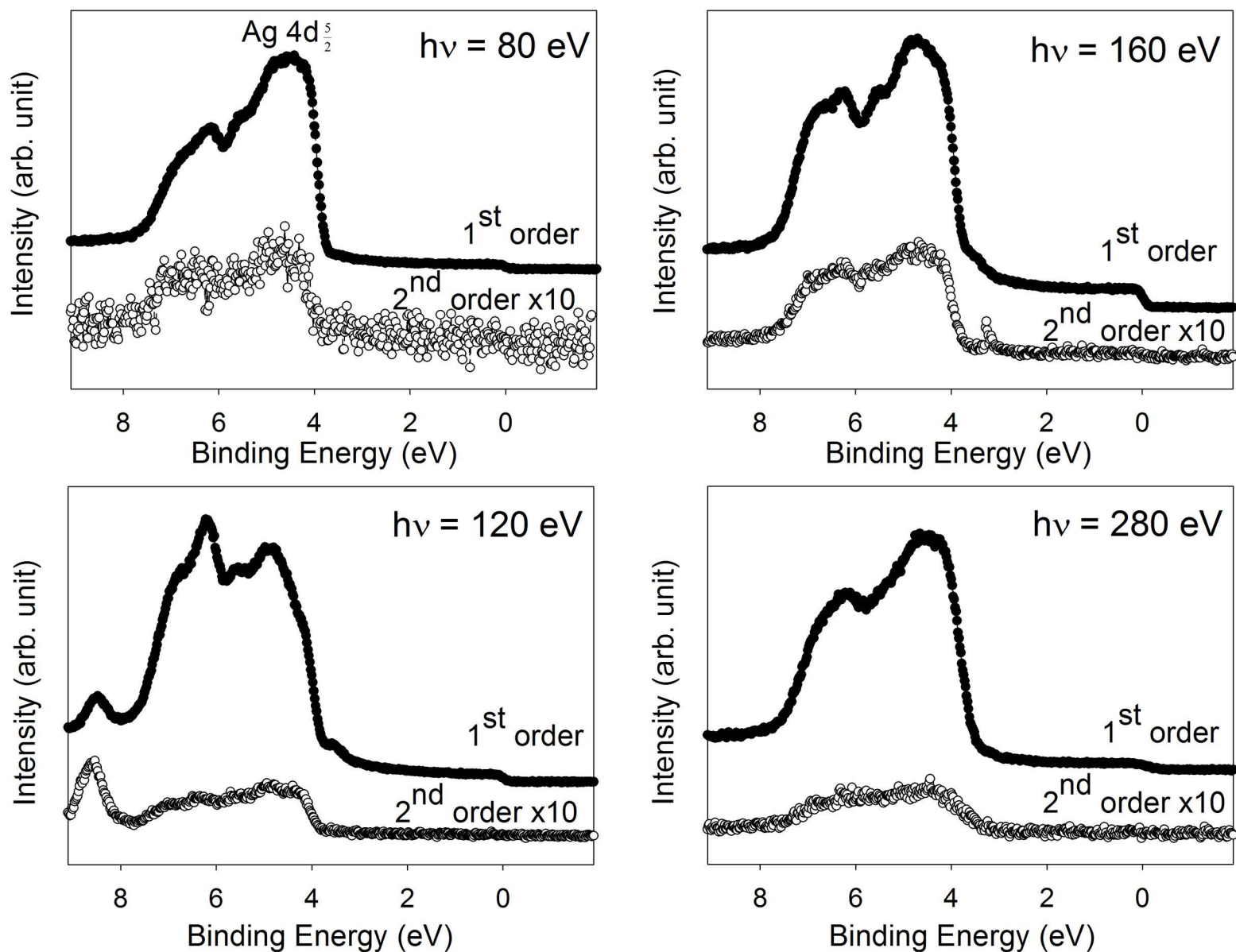


Figure S2 Second- to first-order peak of the Ag *d*-band (near 4.5 eV binding energy) using photon energy at 80 eV, 120 eV, 160 eV and 280 eV, their ratio estimated to be less than 6%, 3%, 5% and 3%, respectively. Note that the cross section of Ag 4*d* at different photon energy was considered with the same slits and pass energy setting of the electron spectrometer.