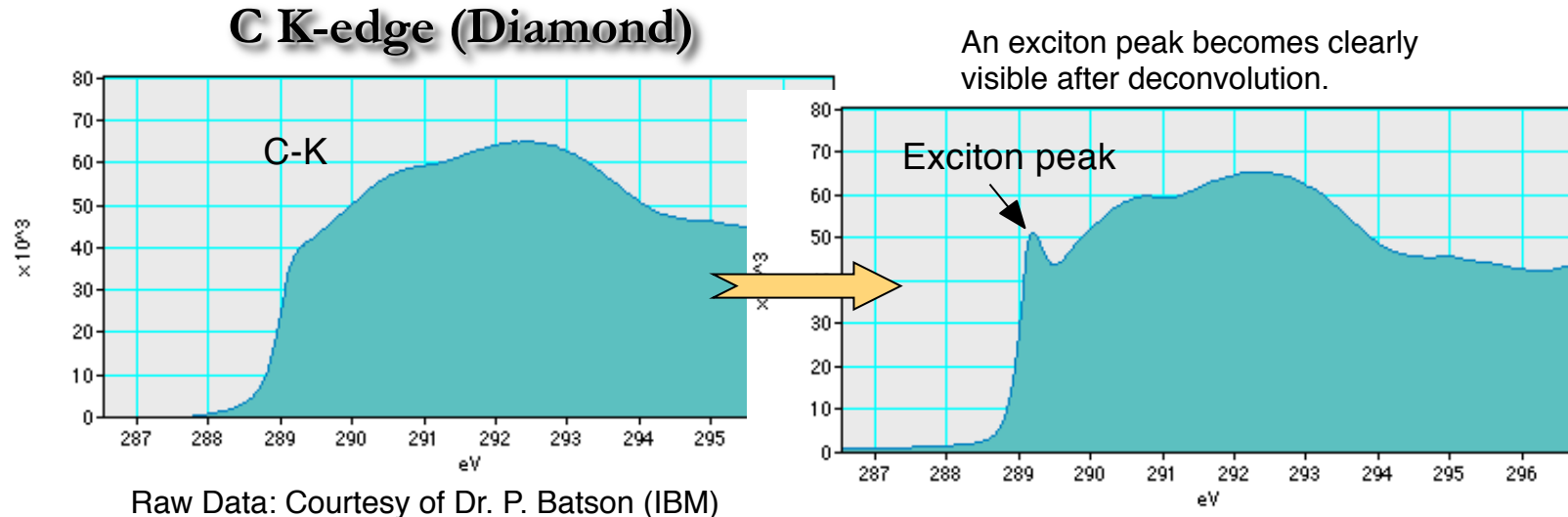


# Electron Energy Loss Spectrum Deconvolution

*Software Monochromator for EELS*



DeConvEELS rectifies an Electron Energy Loss Spectrum (EELS) by deconvoluting with a low-loss or zero-loss spectrum, and thus is a software *monochromator*.

**Advanced Deconvolution Algorithms** DeConvEELS uses a Maximum Entropy Method or the Richardson-Lucy Algorithm

**Easy-to-use User Interface** DeConvEELS is a plug-In for use in DigitalMicrograph (Gatan).

DeConvEELS normally works with default setups, while the user can change its setups easily within a custom-made setup dialog.

**SI Module (Option)** EELS SI (Spectrum Image) data can be handled easily using this module.