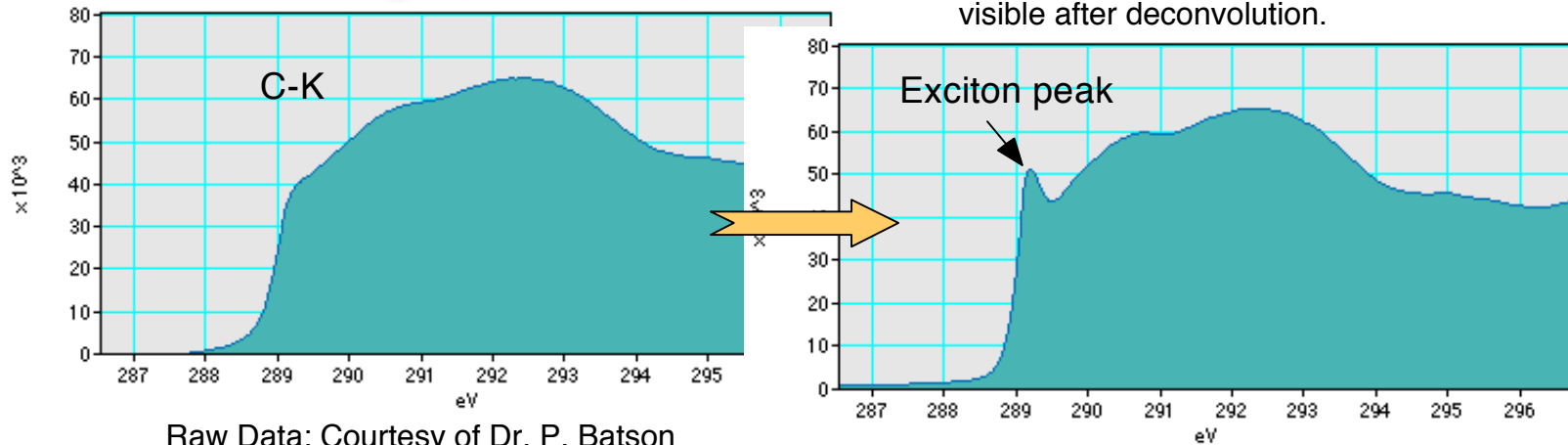


Electron Energy Loss Spectrum Deconvolution

Software Monochromator for EELS

C K-edge (Diamond)



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.