homogenizestudy

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July 30, 2012

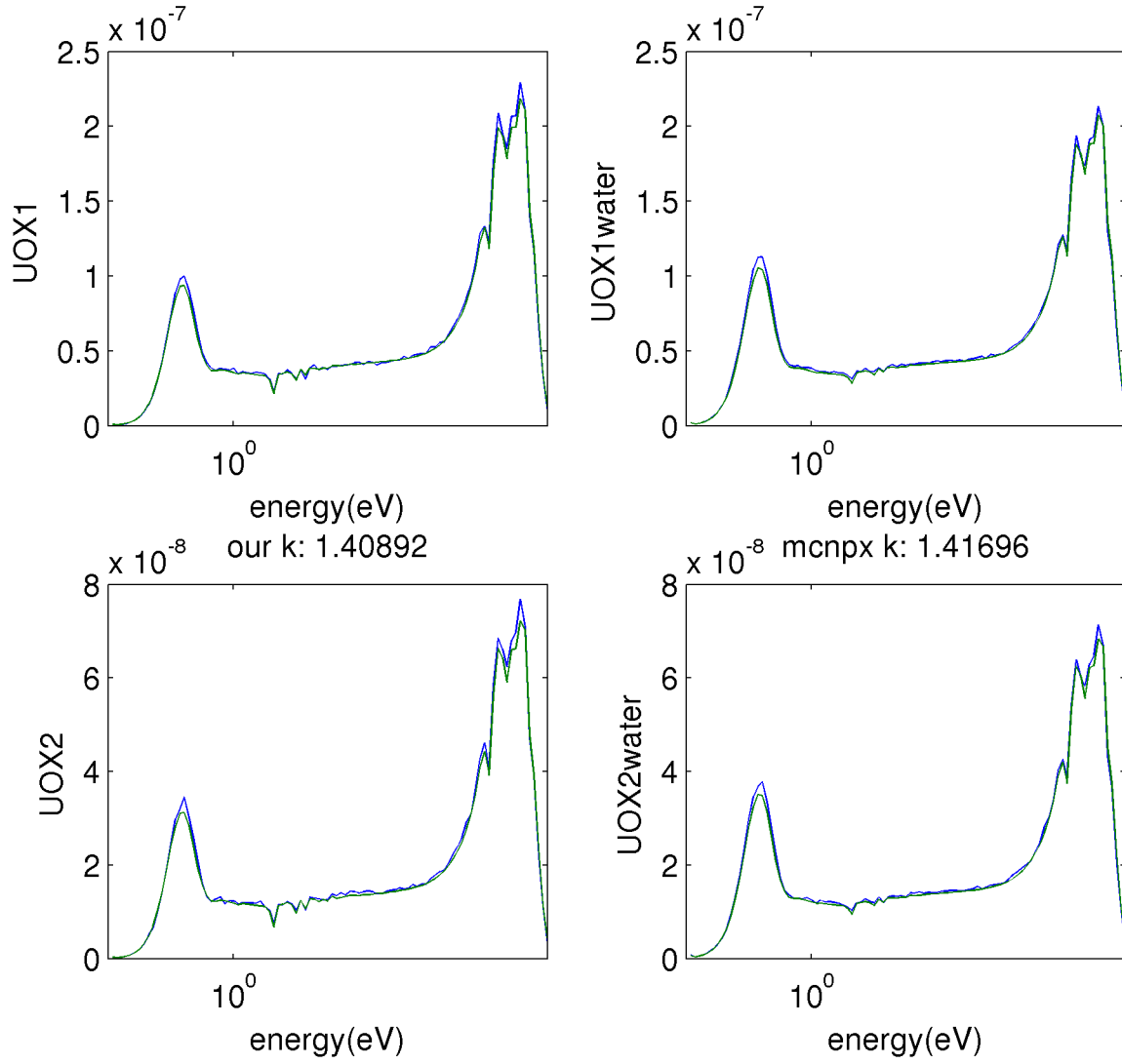Blue lines: MCNPX. Green lines: VBUDSII.

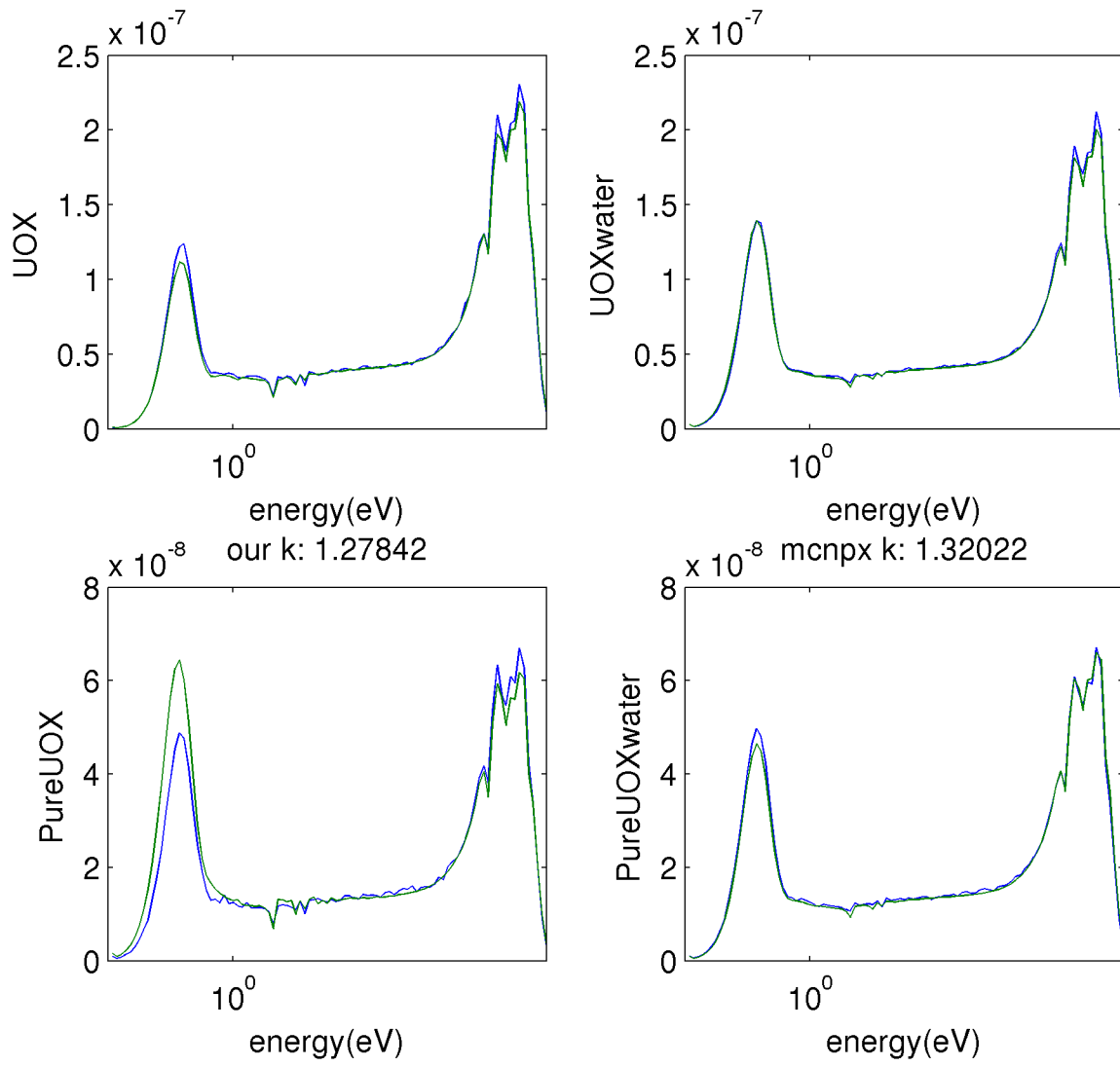Figure 1: Method unmodified. Both fuel pins are the same enriched UOX.

Figure 2: Method unmodified. Pin 1 is enriched UOX, pin 2 is 0-enriched UOX
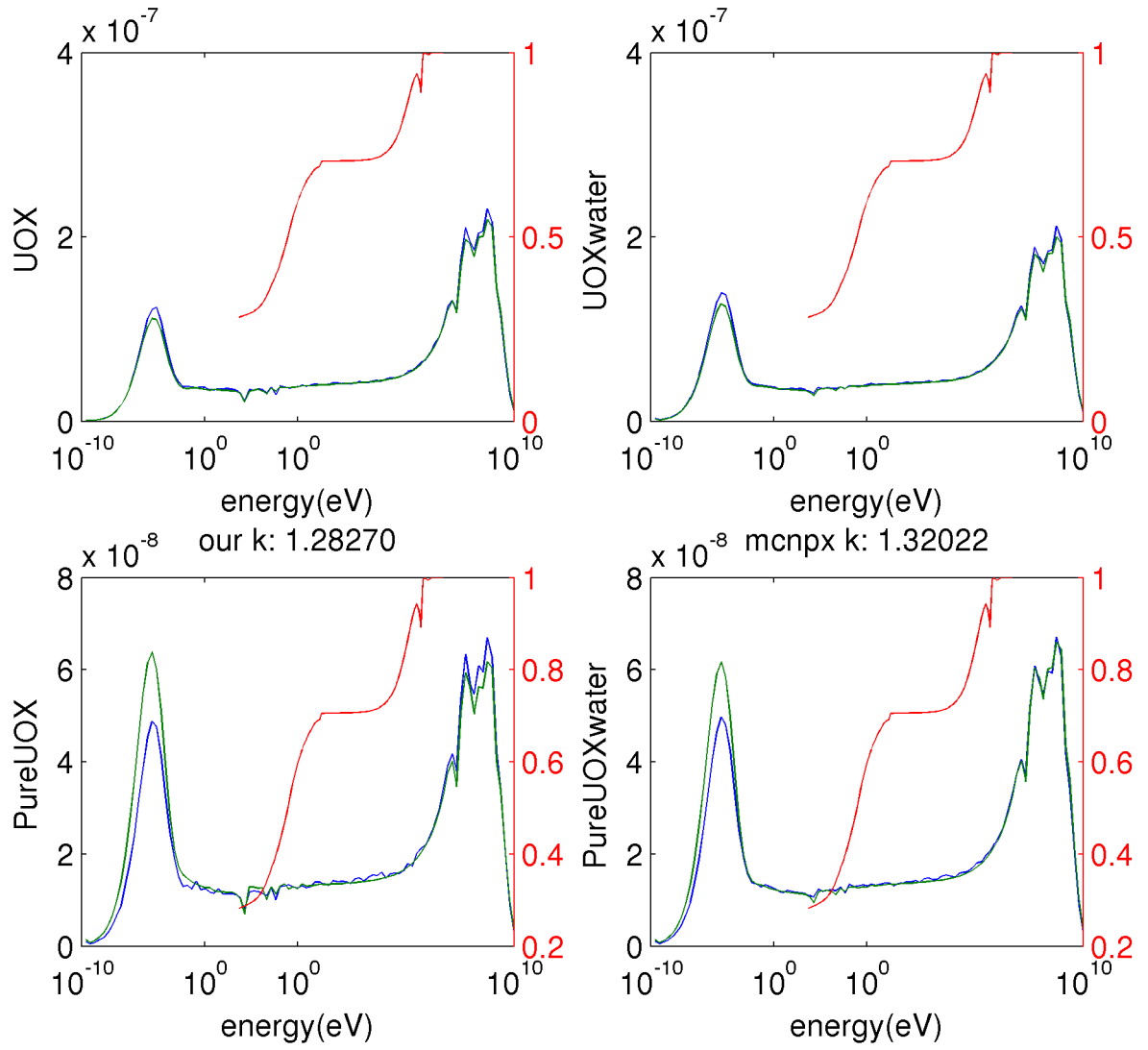
Figure 3: Using original homogeneity method. Pin 1 is enriched UOX, pin 2 is 0-enriched UOX
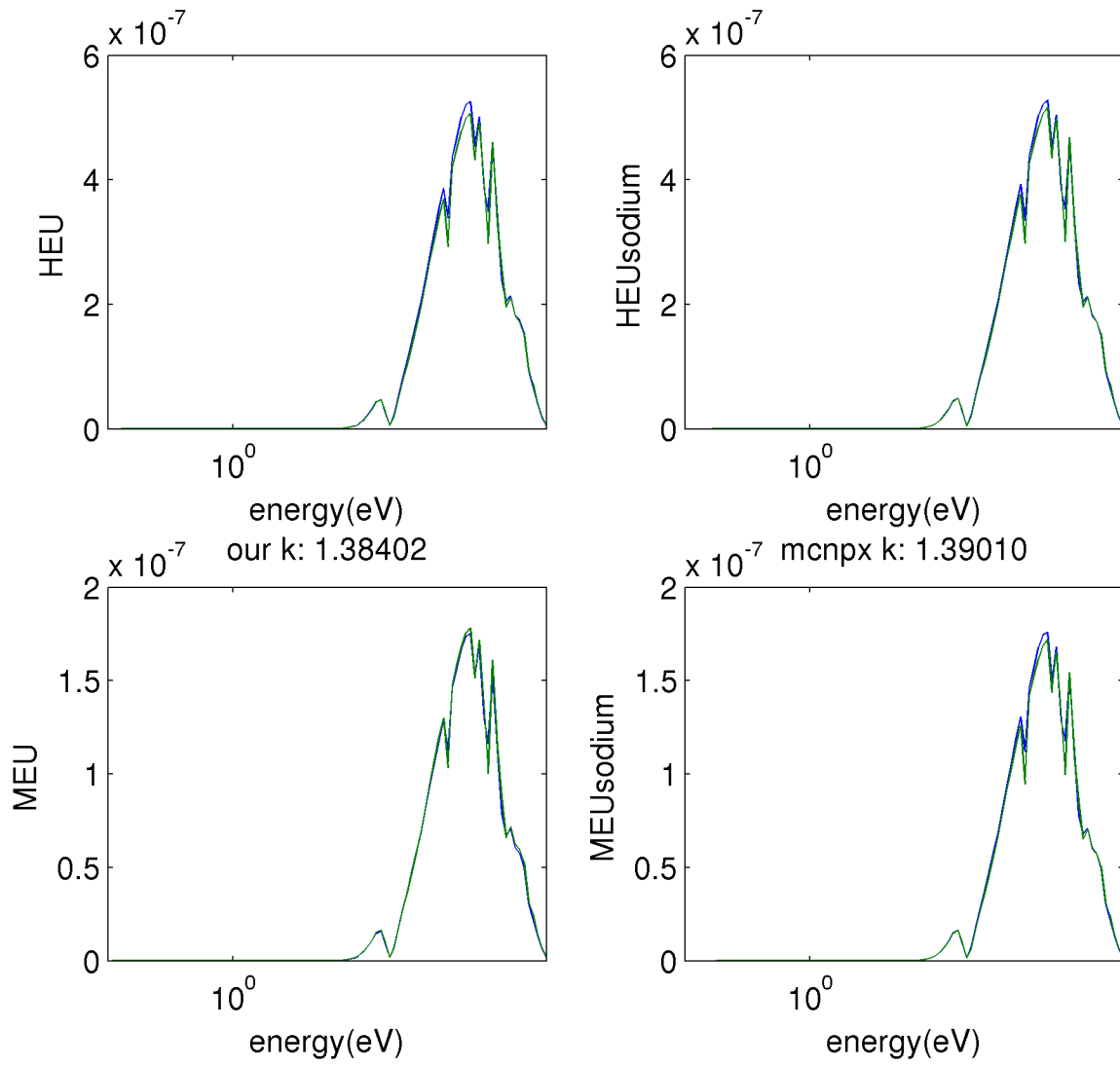
Figure 4: Method unmodified. Fast reactor: Pin 1: 24-enriched UOXPin 2: 12-enriched UOX
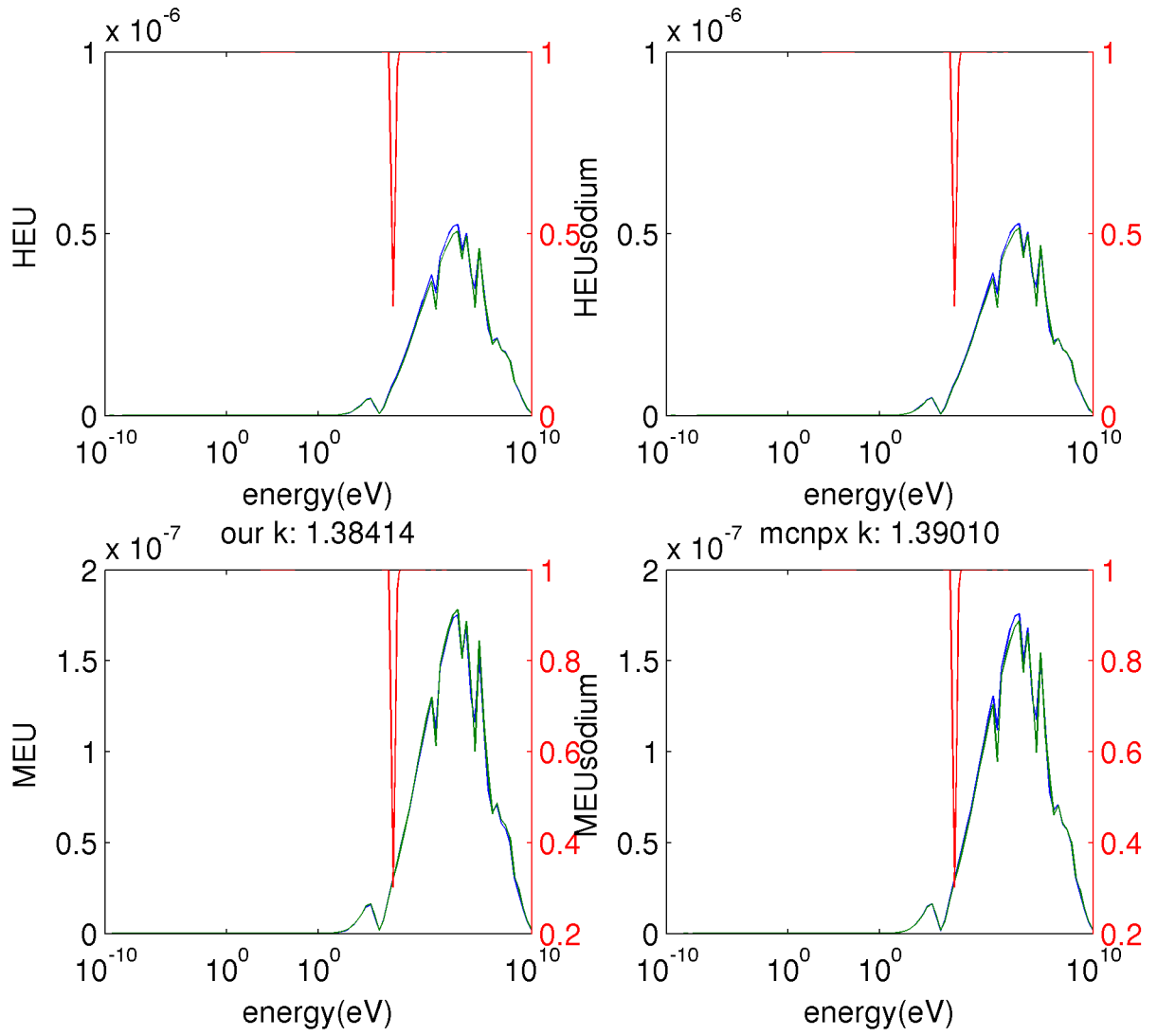
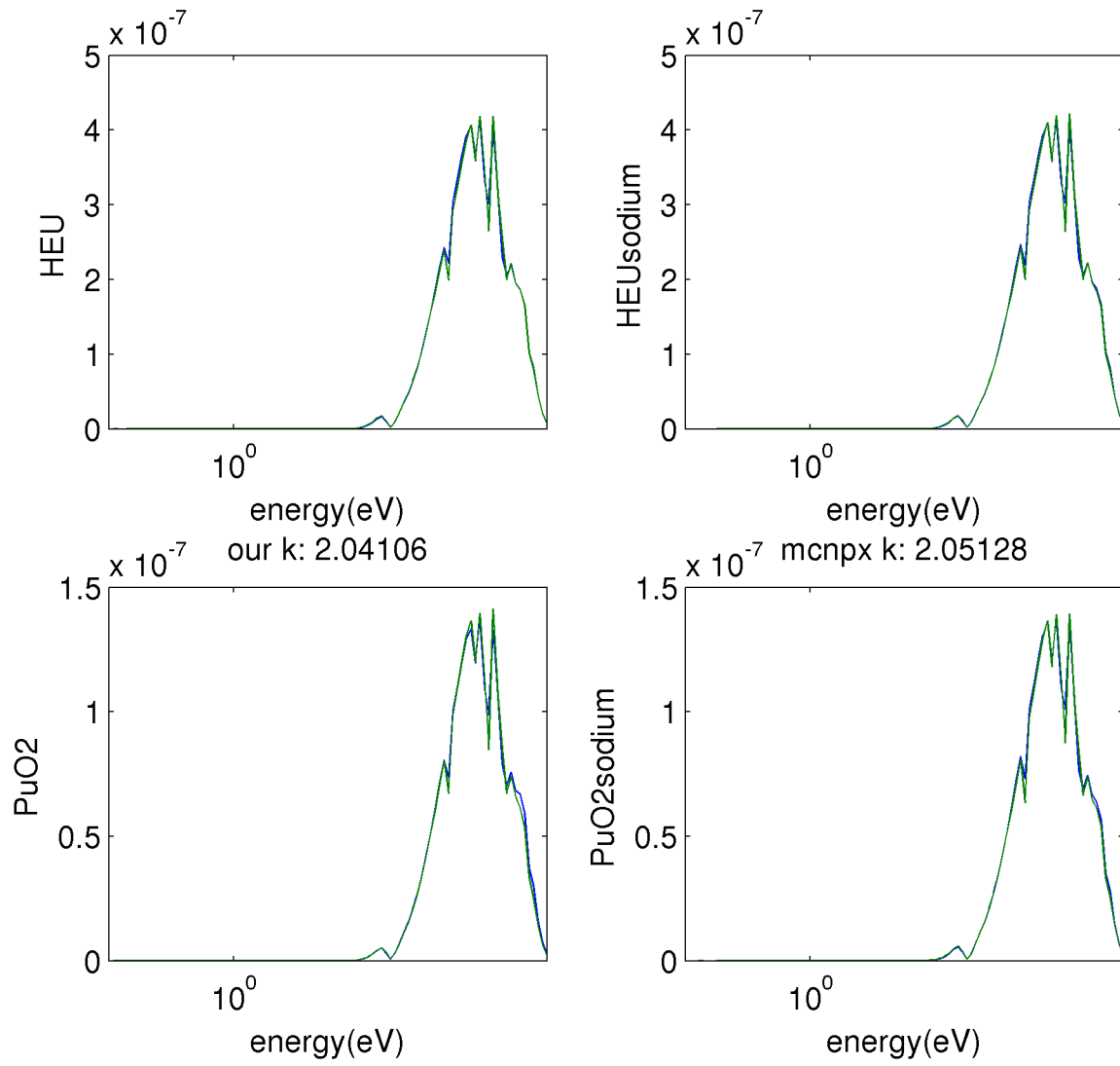Figure 5: Using original homogeneity method. Fast reactor: Pin 1: 24-enriched UOX Pin 2: 12-enriched UOX

Figure 6: Method unmodified. Fast reactor: Pin 1: 24-enriched UOX Pin 2: Pu(239)O2
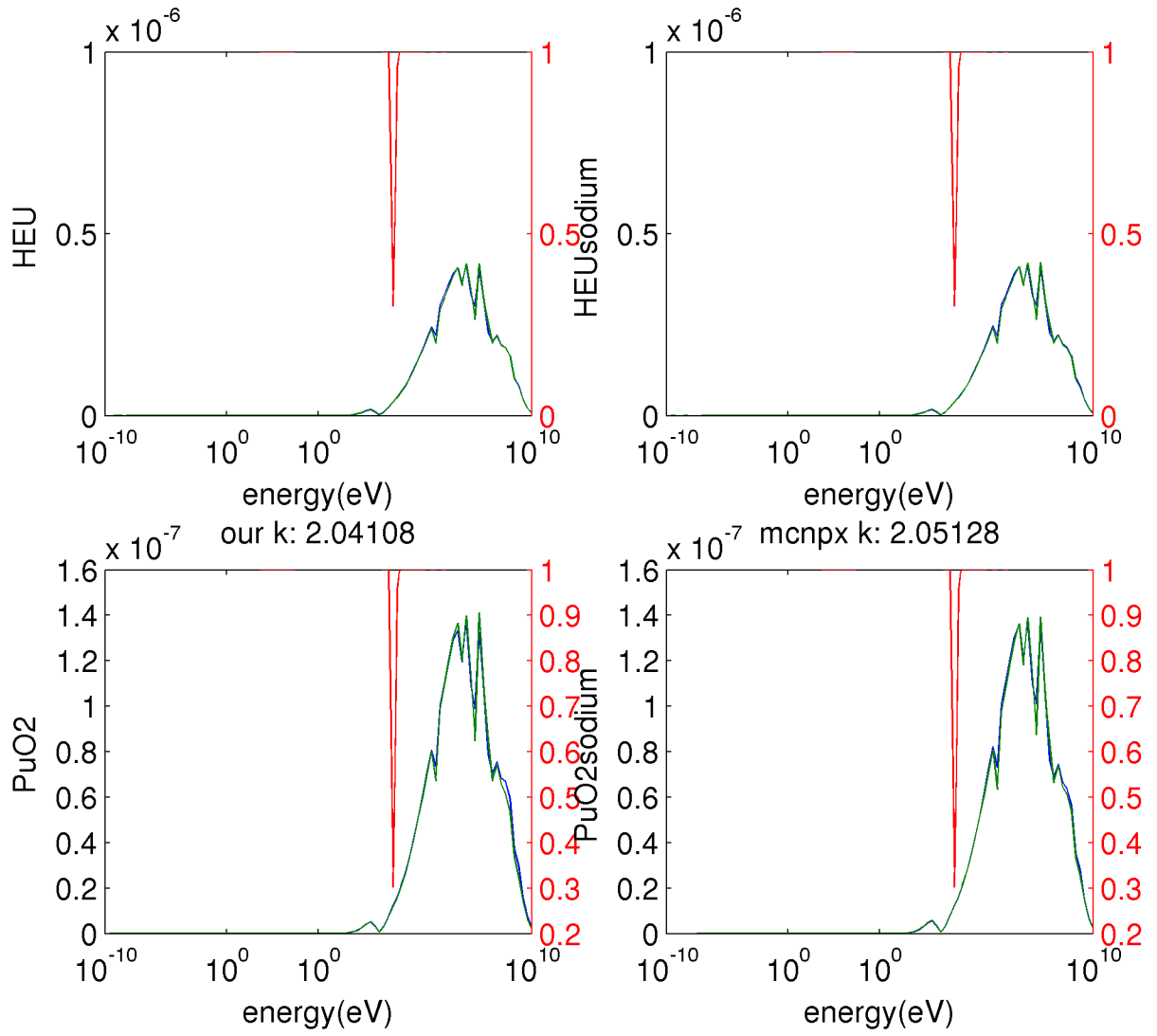
Figure 7: Using original homogeneity method. Fast reactor: Pin 1: 24-enriched UOX Pin 2: Pu(239)O2
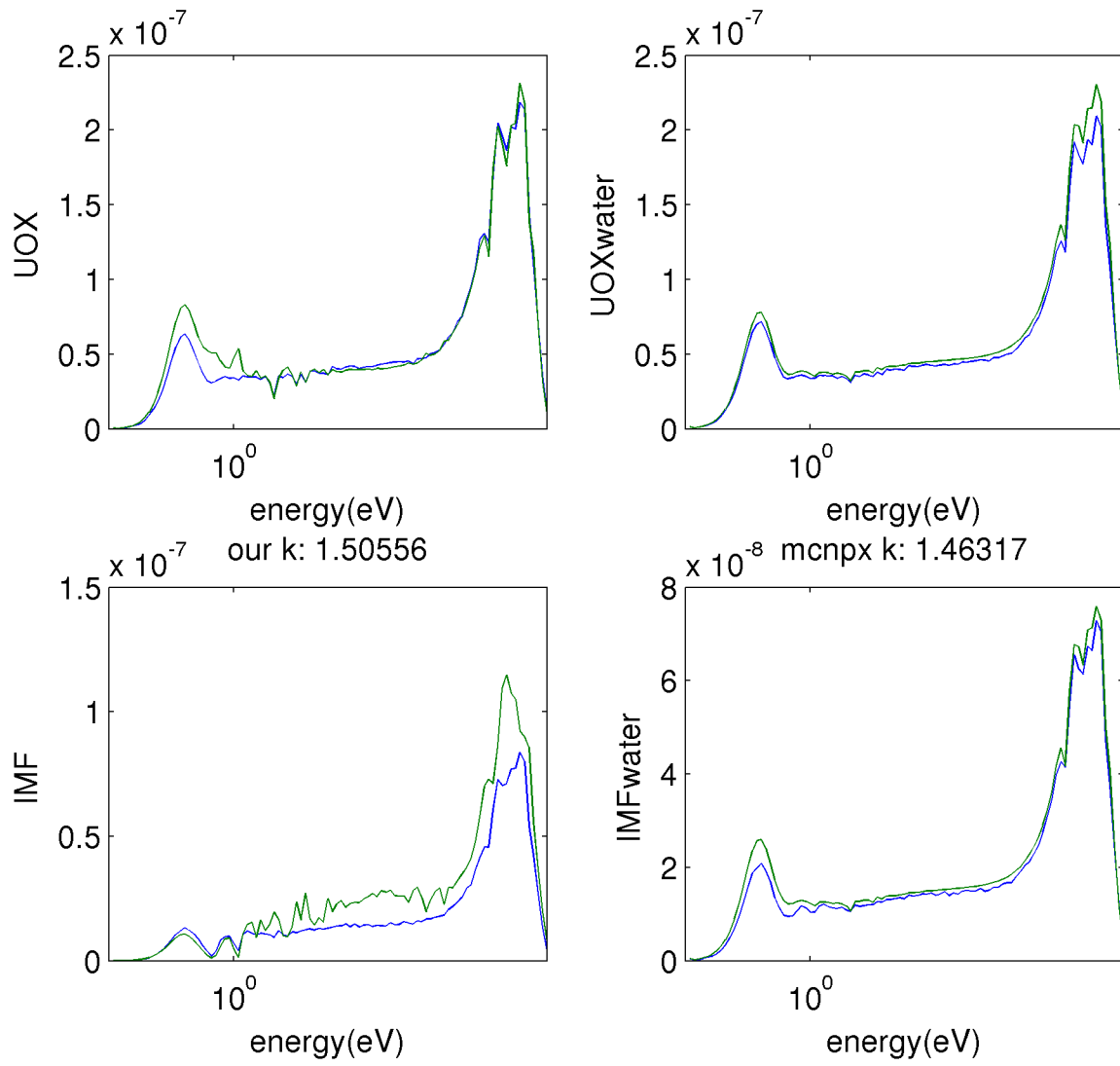
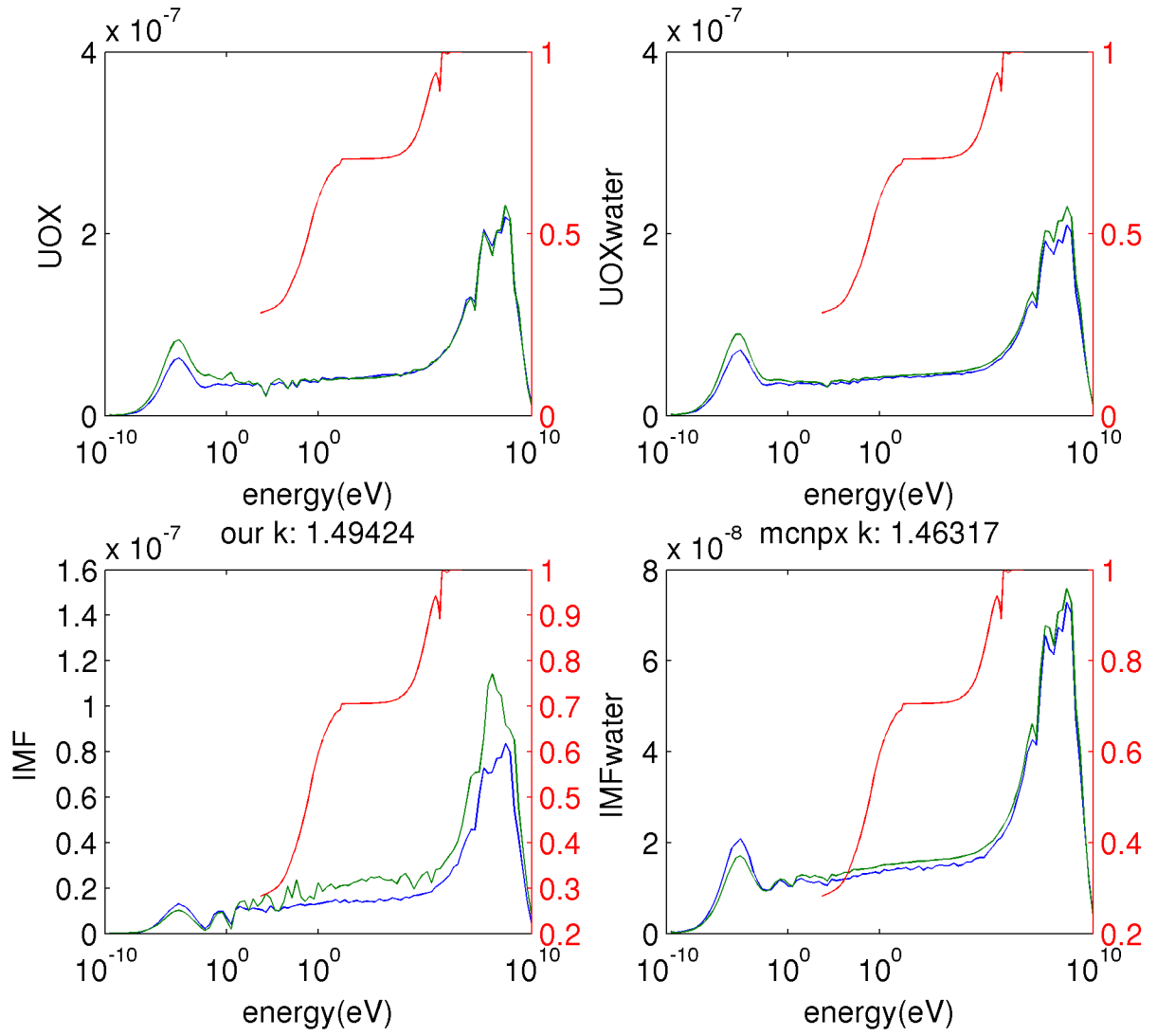Figure 8: Method unmodified. Thermal: Pin 1: enriched UOX Pin 2: IMF

Figure 9: Using original homogeneity method. Thermal: Pin 1: enriched UOX Pin 2: IMF