

# XMM-Newton CCF Release Note

XMM-CCF-REL-77

## X-RAY ABSorption Coefficients

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### 1 CCF components

Name of CCF	VALDATE	List of Blocks changed	CAL VERSION	XSCS flag
XMM_ABSCOEFS_0004.CCF	1999-12-10	HENKE-Si		NO

### 2 Changes

The Henke table coefficients were expanded in the region of the Si-K absorption edge in order to match the EXAFS structure which had already been incorporated in the models used by Leicester University to generate a set of fixed response matrices

### 3 Scientific Impact of this Update

This modification allows the *rmfgen/arfgen* tasks to replicate exactly the on-axis response of the EPIC MOS CCDs to match the response developed separately by Leicester University.

### 4 Estimated Scientific Quality