

Optical constants of Cu, Ag, and Au revisited

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The following tables and figures accompany a manuscript submitted to Applied Optics.

The abbreviations are given therein, together with a discussion of how the optical constants were obtained from reflectance data.

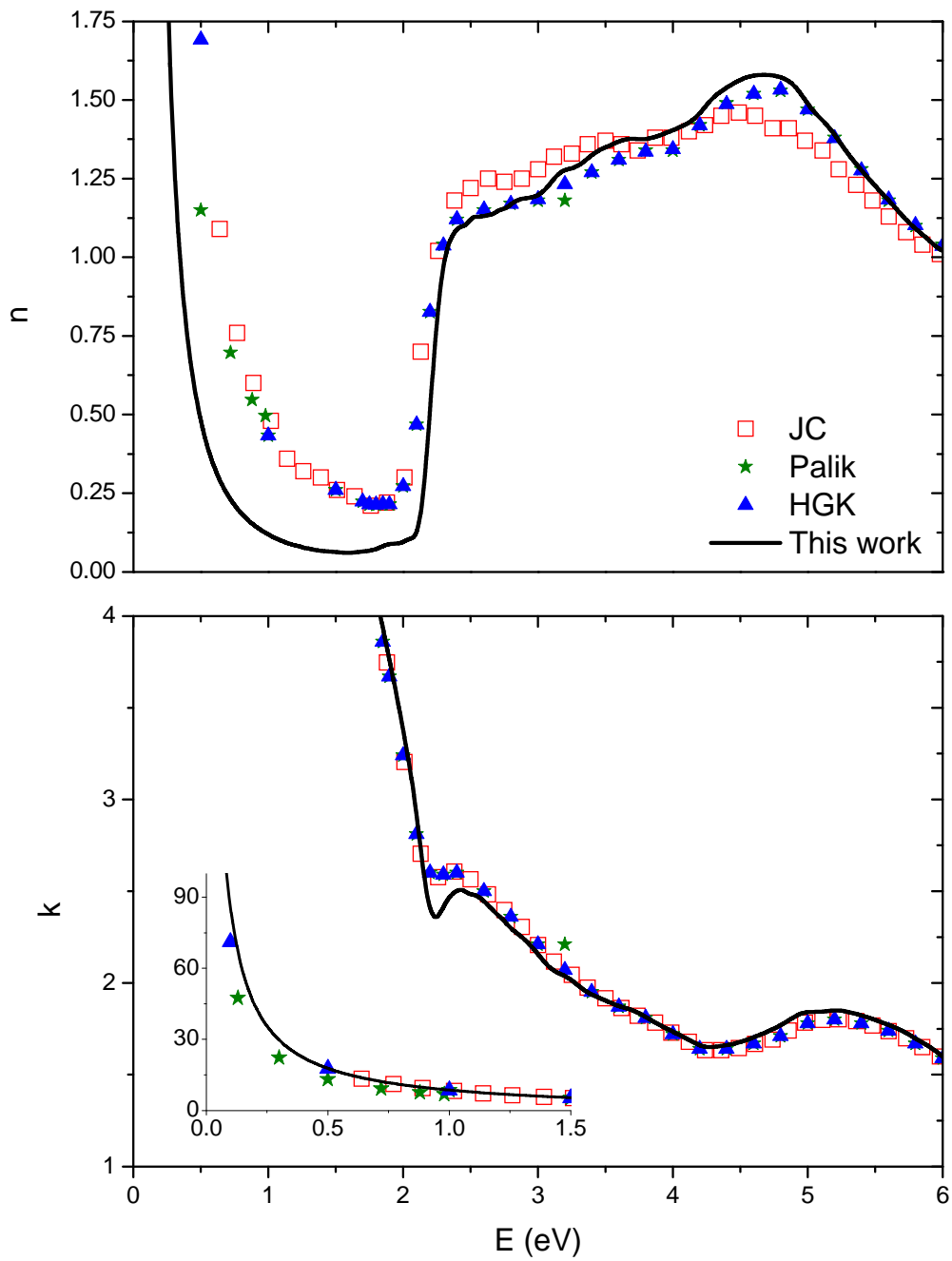


Figure 1. Optical constants for Cu

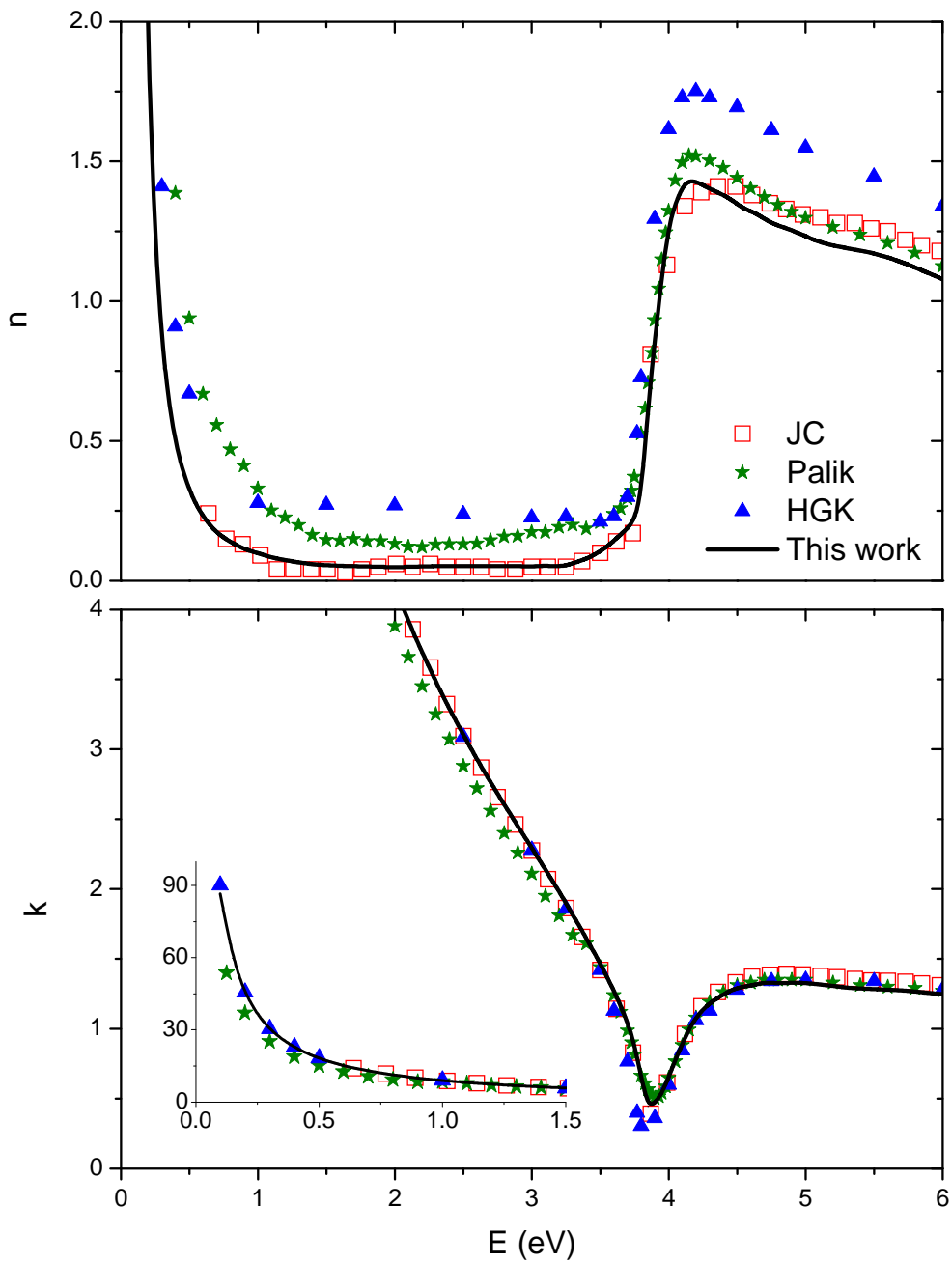


Figure 2. Optical constants for Ag

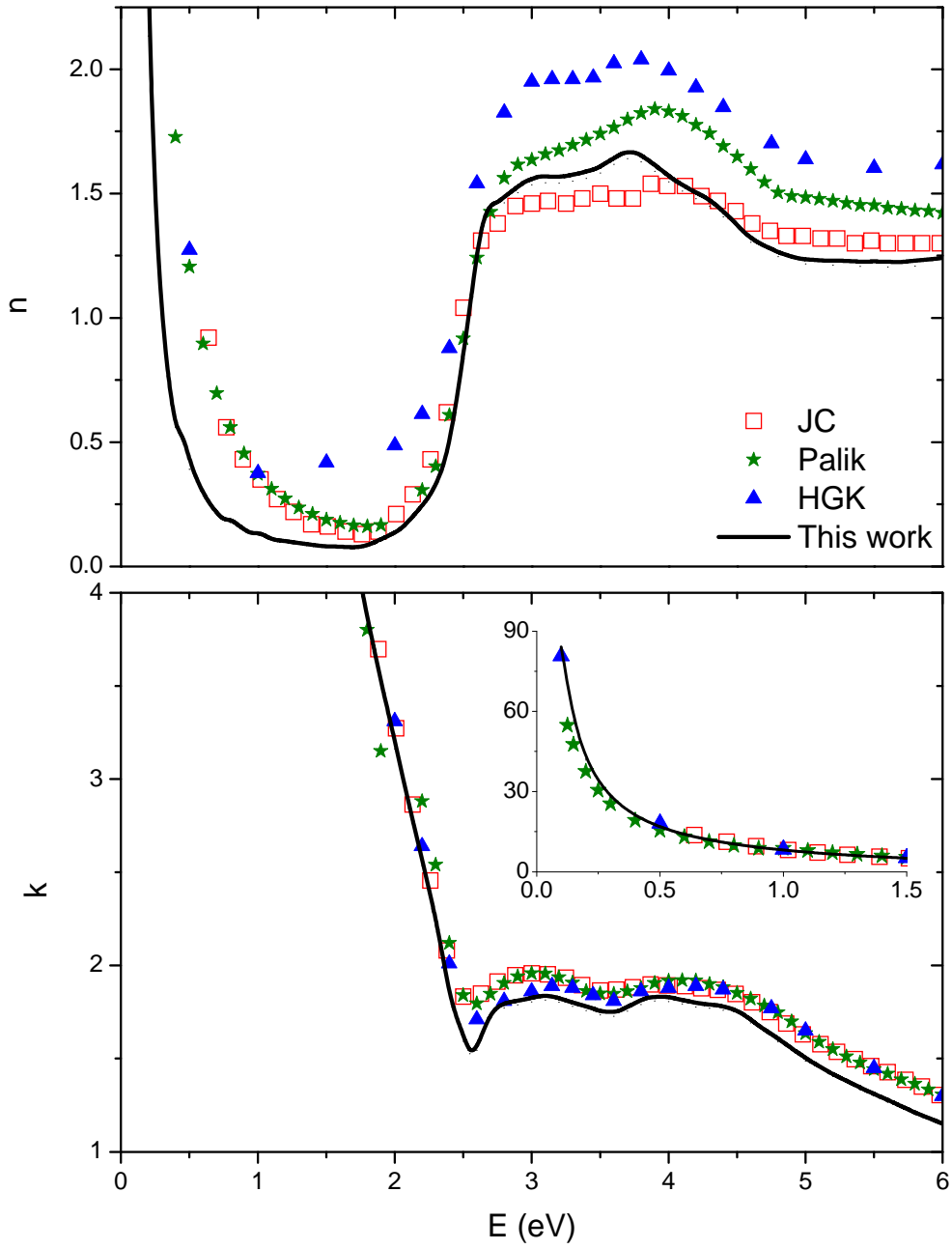


Figure 3. Optical constants for Au

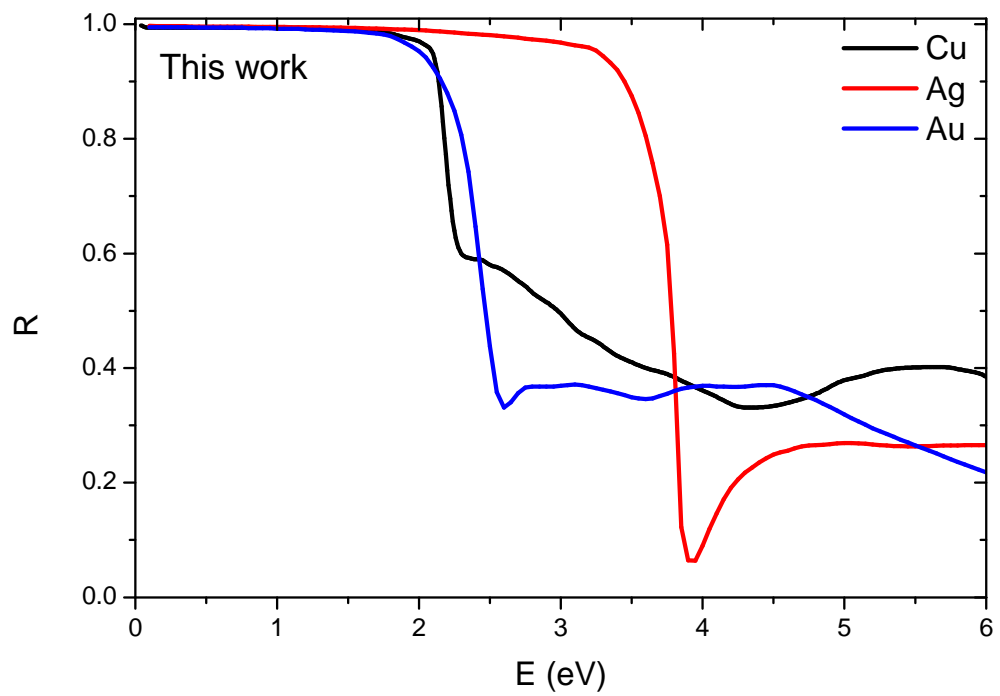


Figure 4. Reflectances for Cu, Ag, and Au

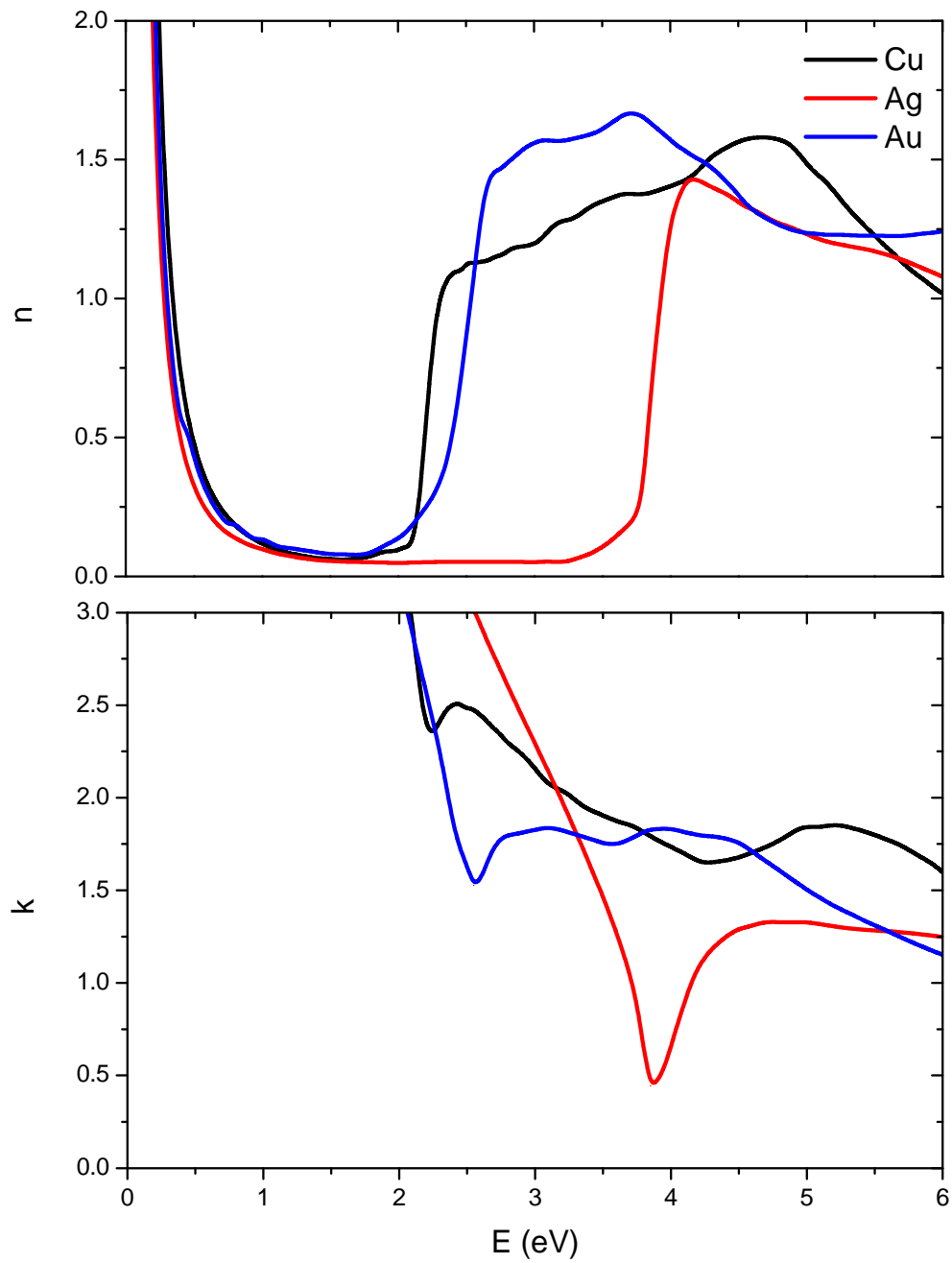


Figure 5. Optical constants for Cu, Ag, and Au derived from JHW reflectances using KK analyses

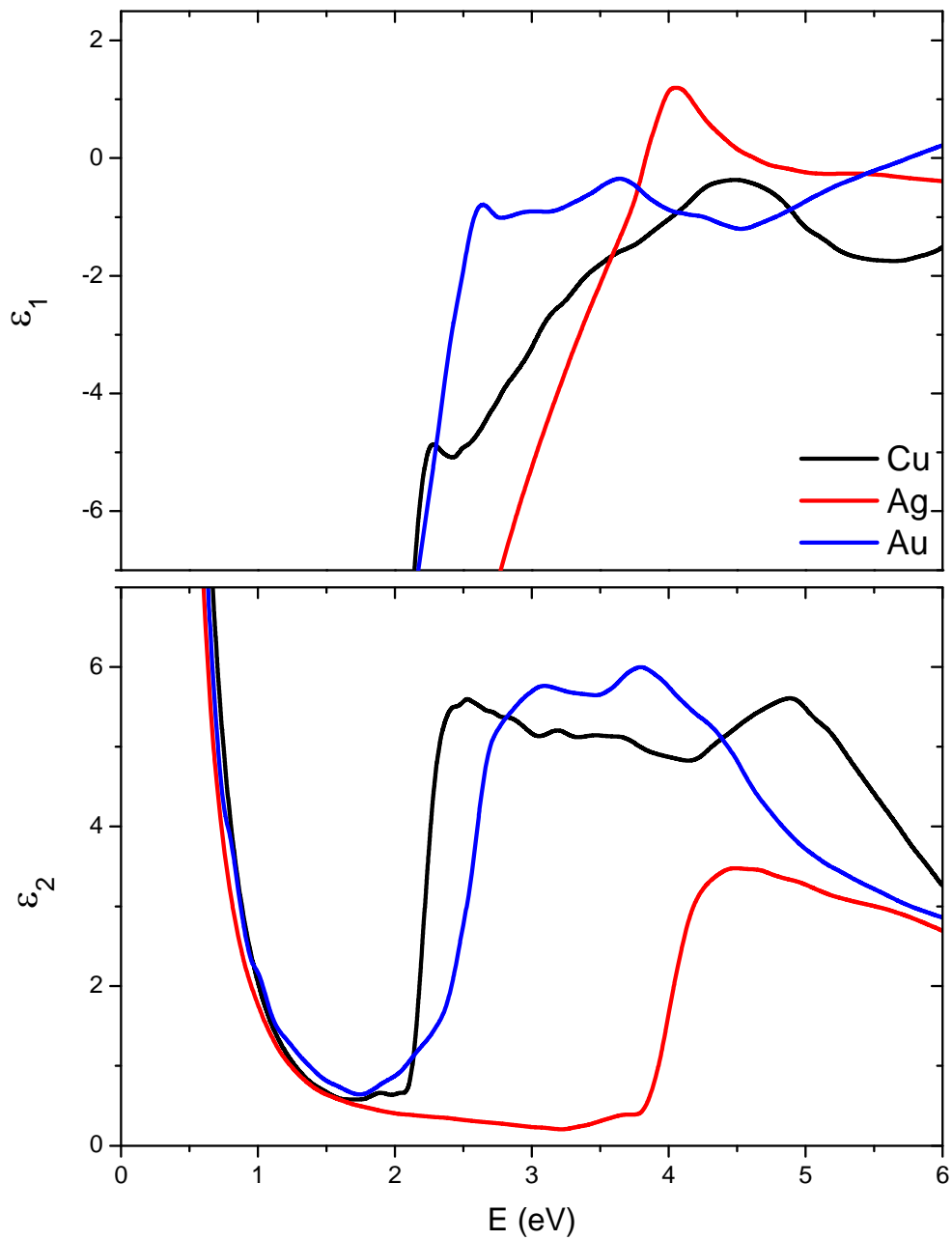


Figure 6. Dielectric constants for Cu, Ag, and Au derived from JHW reflectances using KK analyses

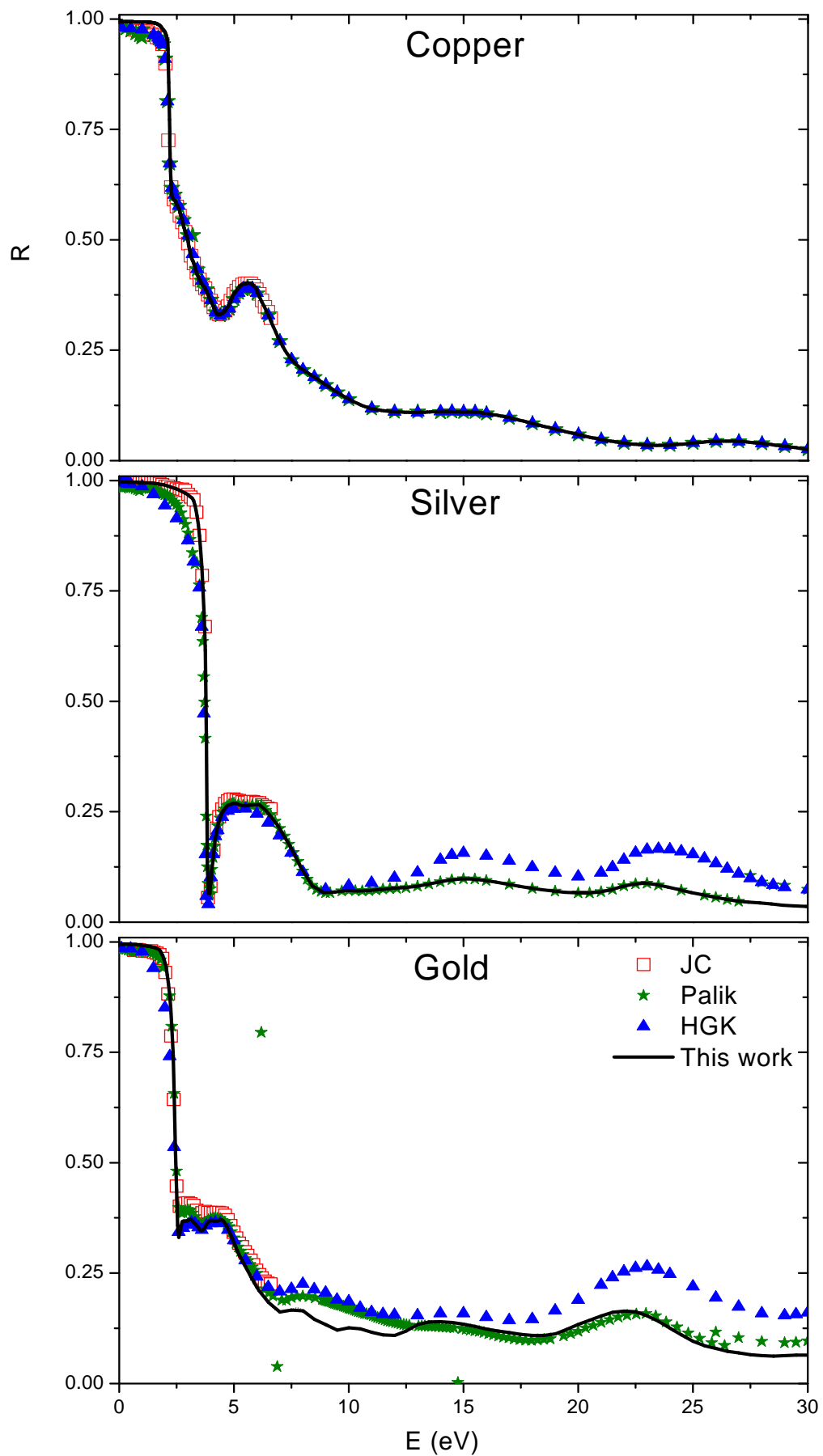


Figure 7. Reflectances for Cu, Ag, and Au

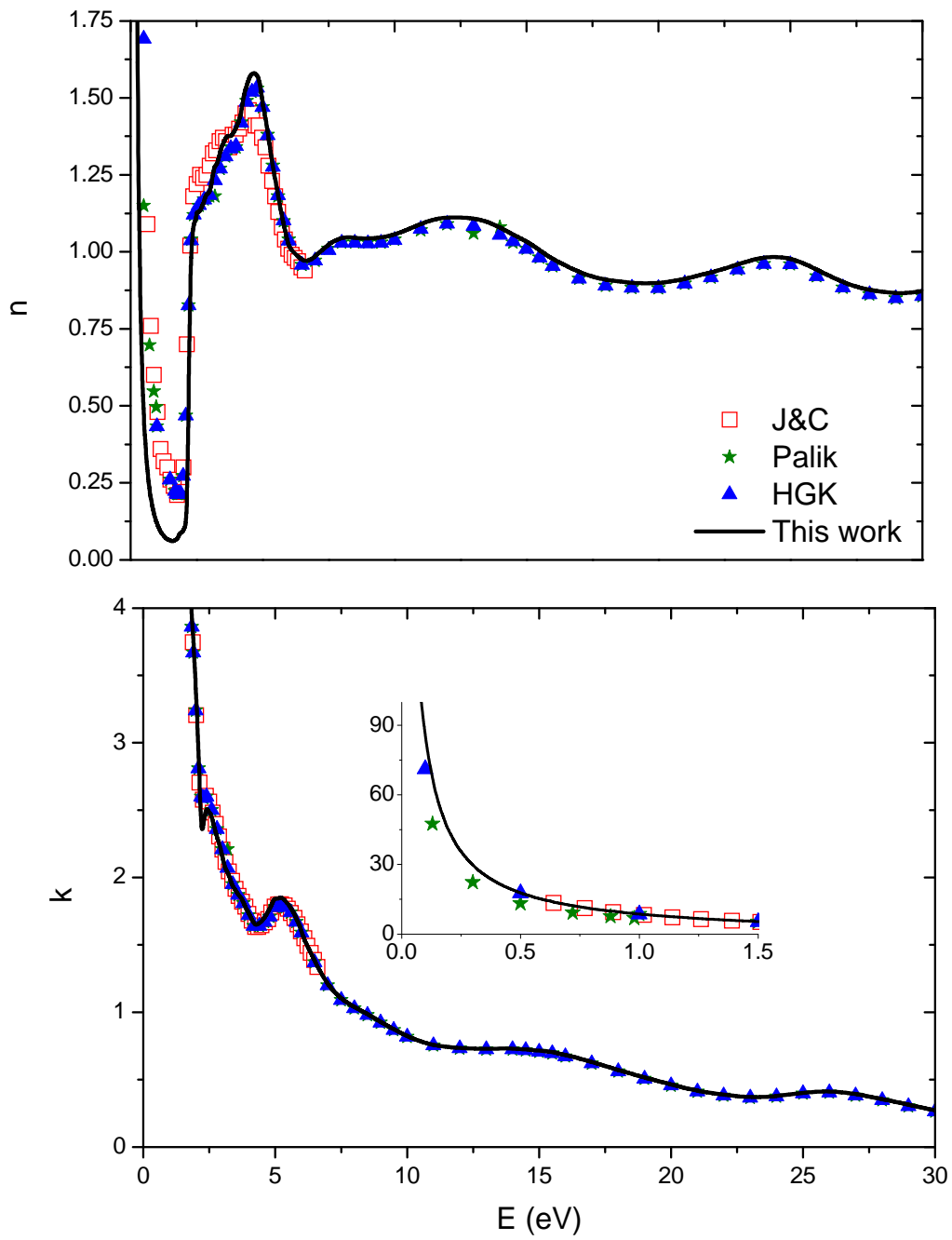


Figure 8. Optical constants for Cu

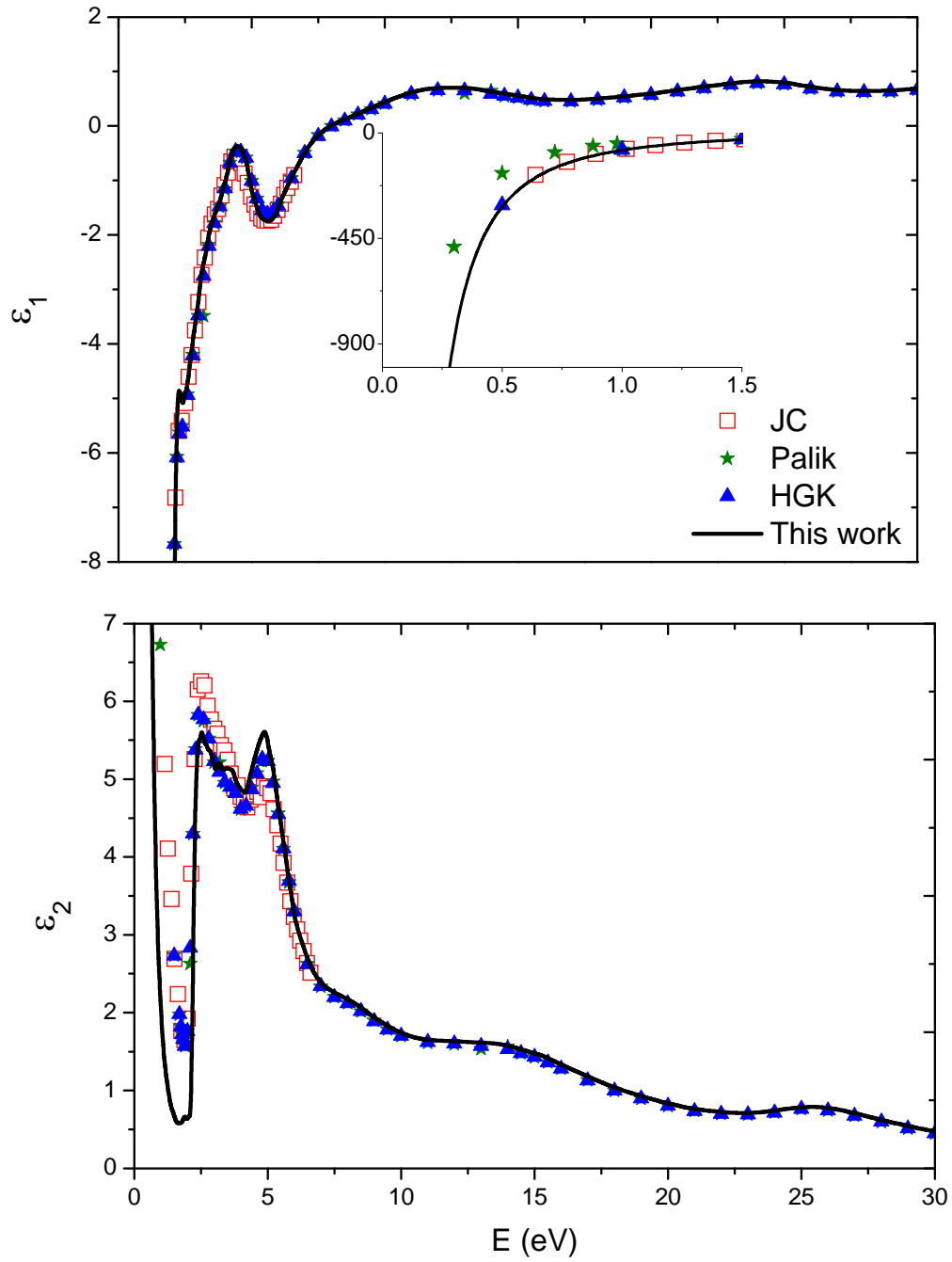


Figure 9. Dielectric constants for Cu

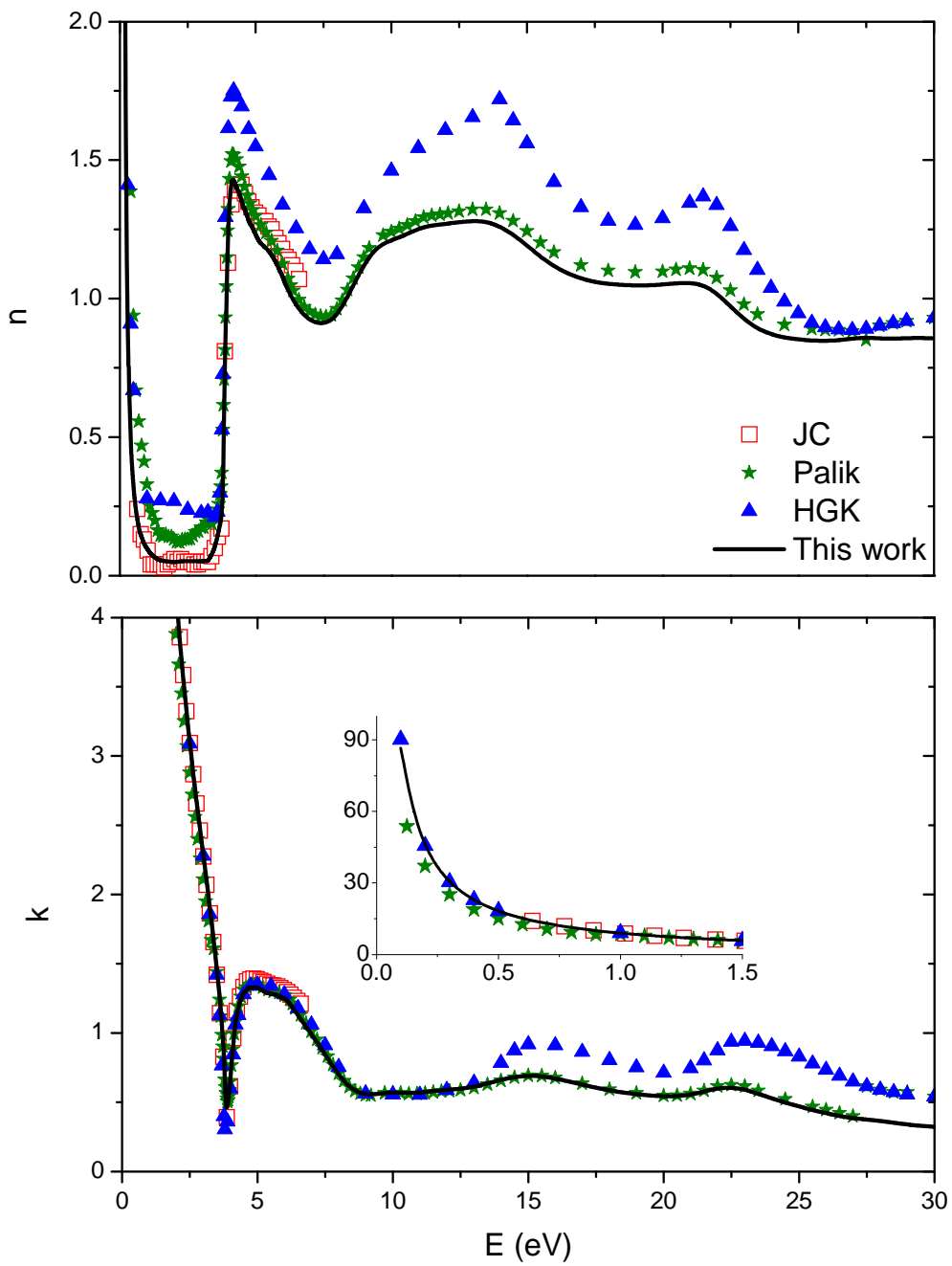


Figure 10. Optical constants for Ag

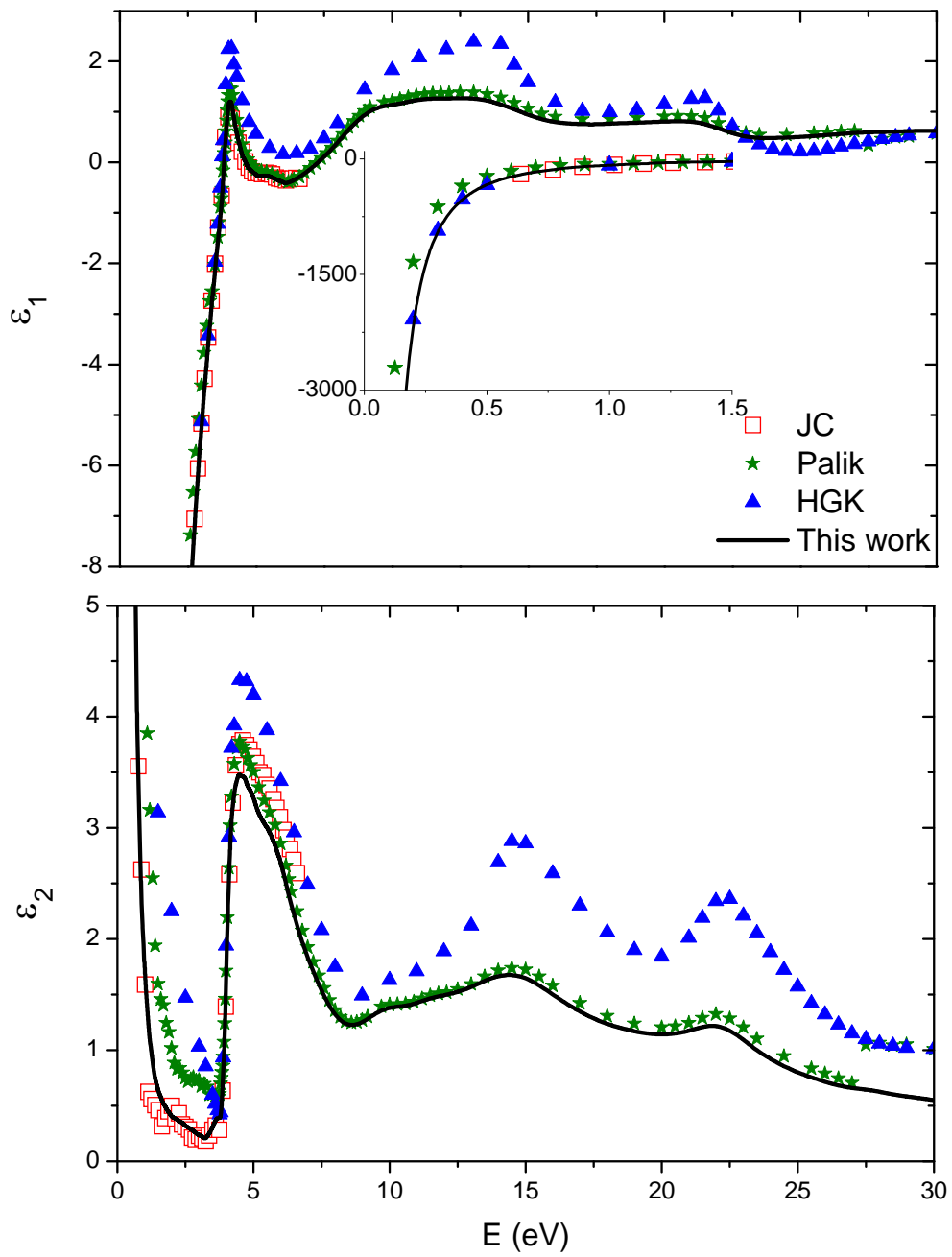


Figure 11. Dielectric constants for Ag

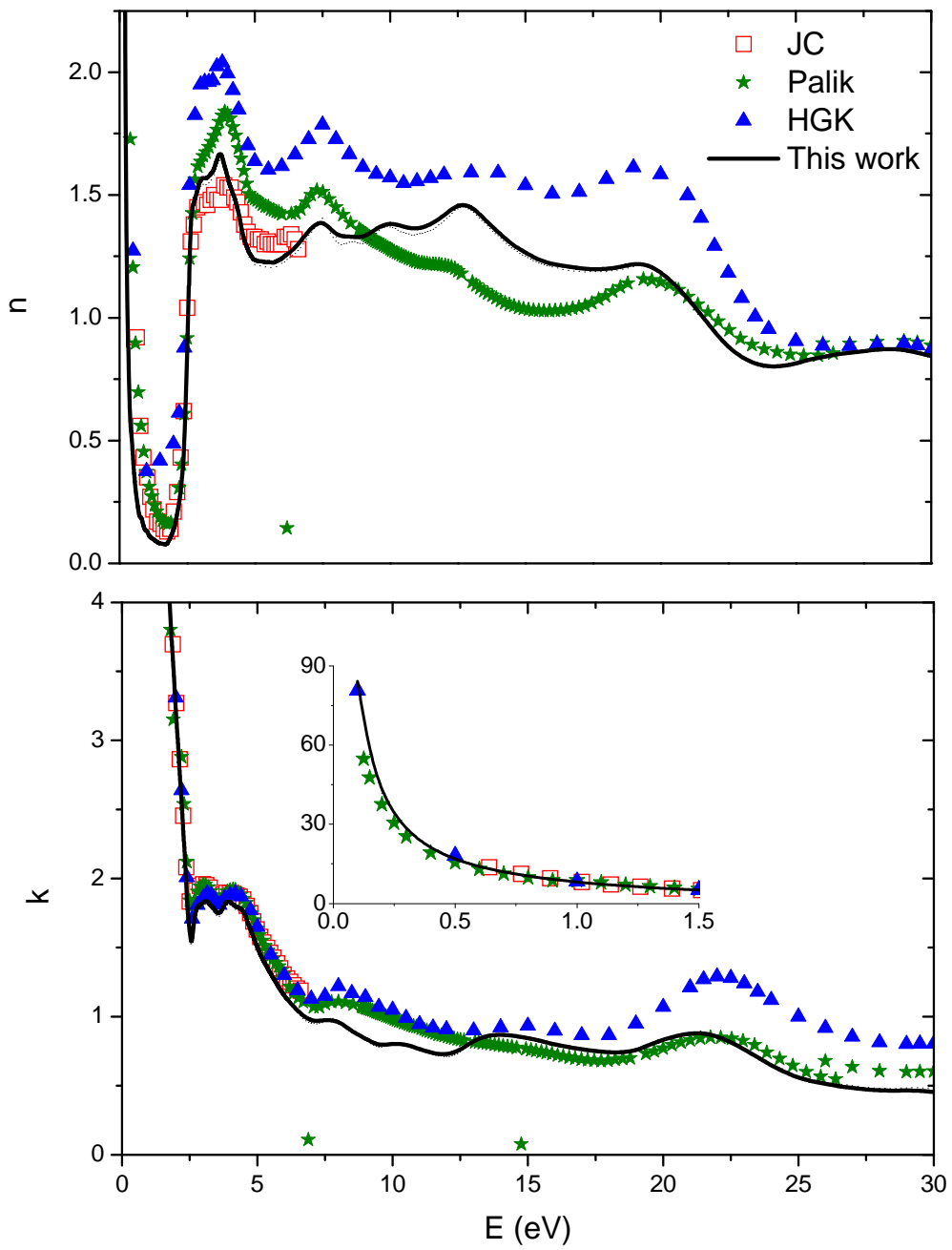


Figure 12. Optical constants for Au

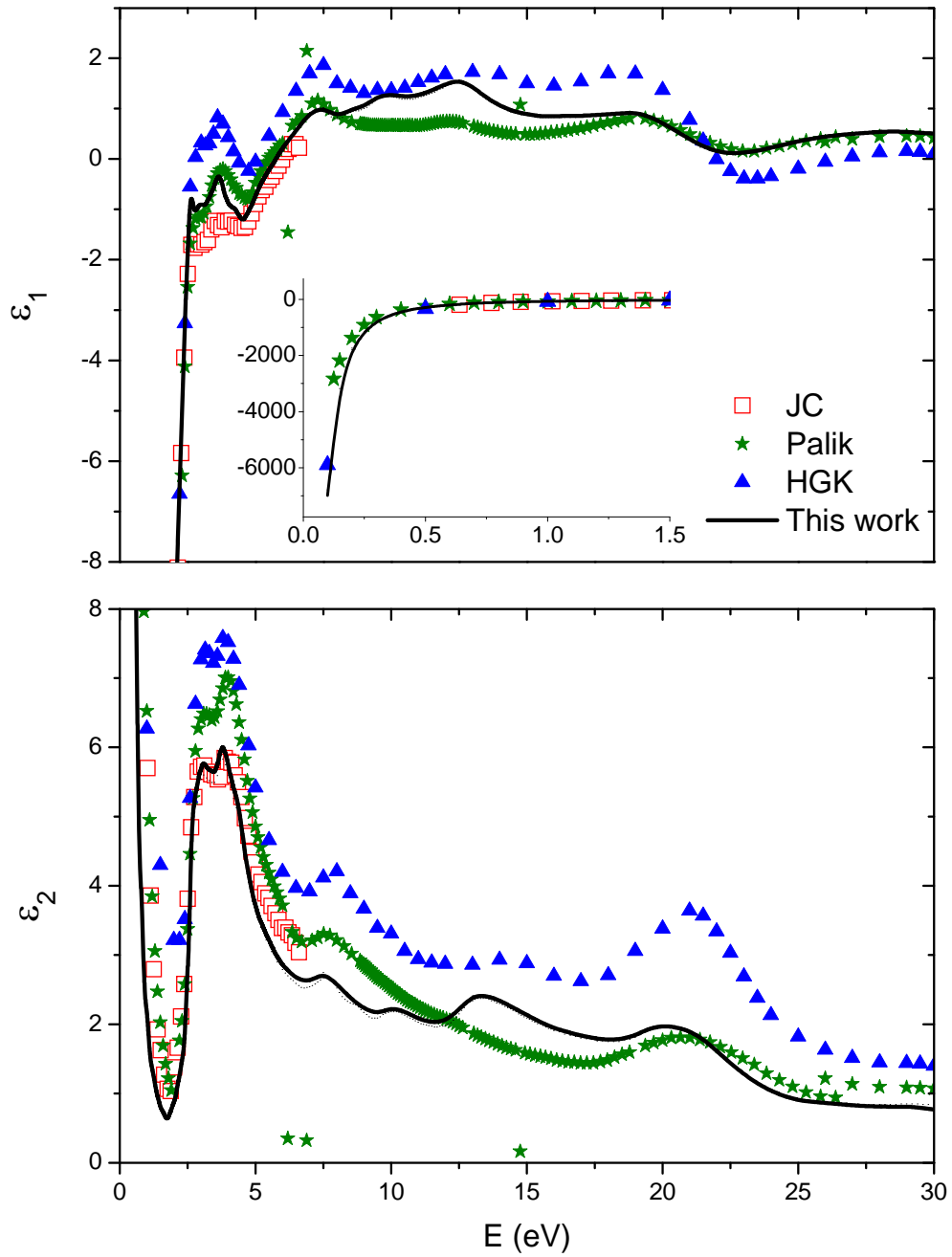


Figure 13. Dielectric constants for Au

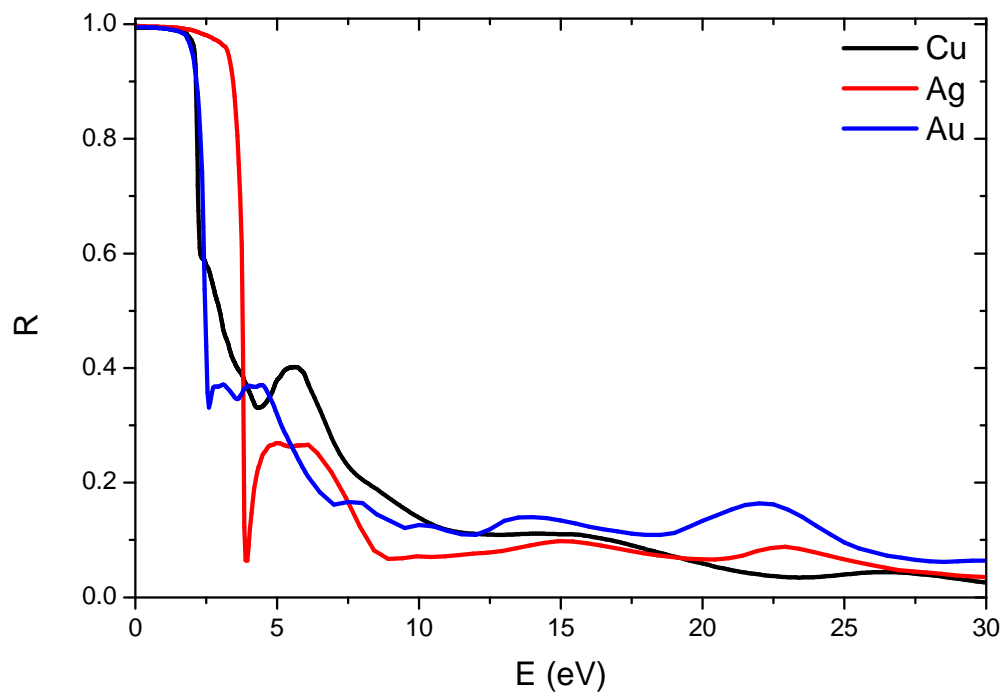


Figure 14. Reflectances for Cu, Ag, and Au (JHW)

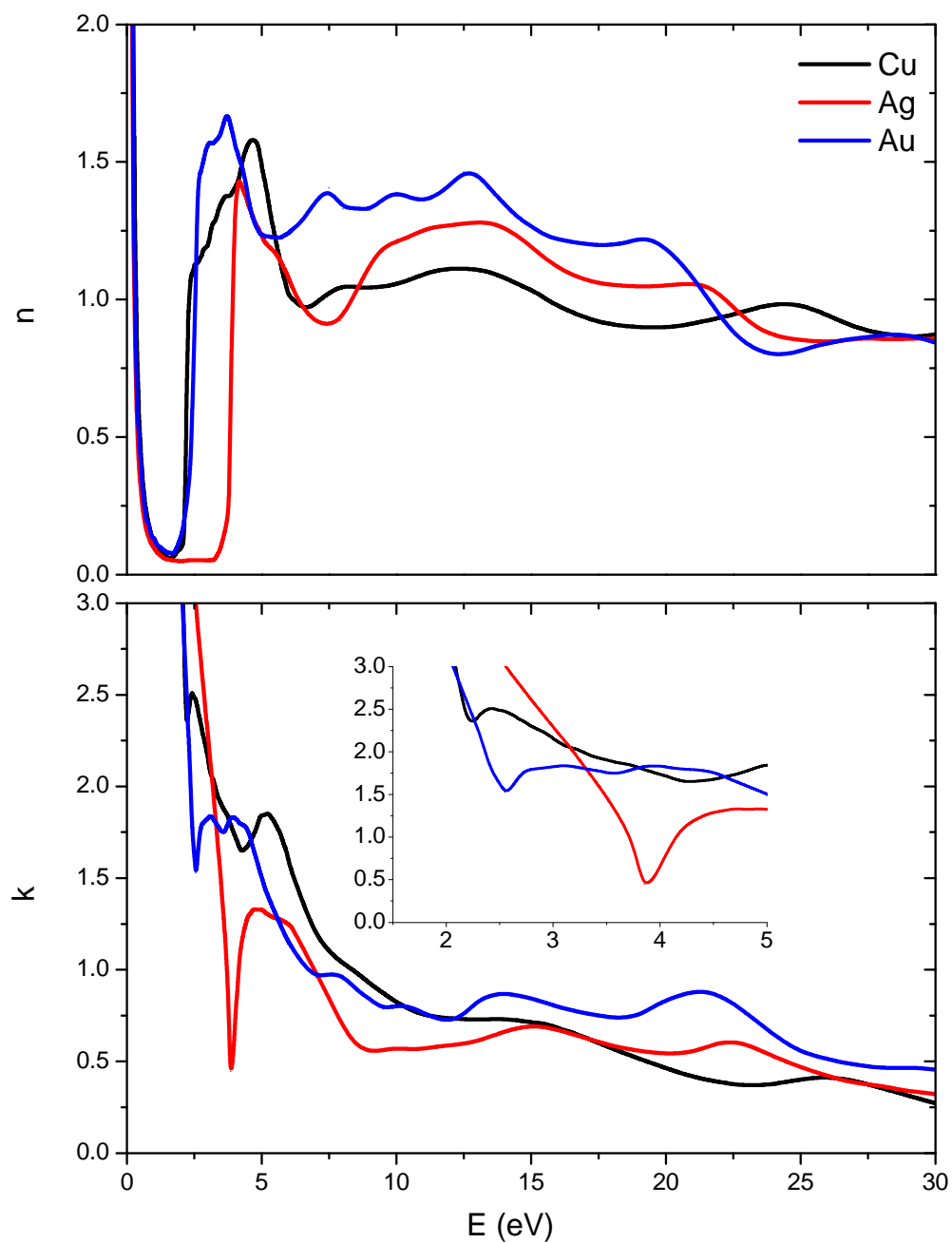


Figure 15. Optical constants for Cu, Ag, and Au derived from JHW reflectances using KK analyses

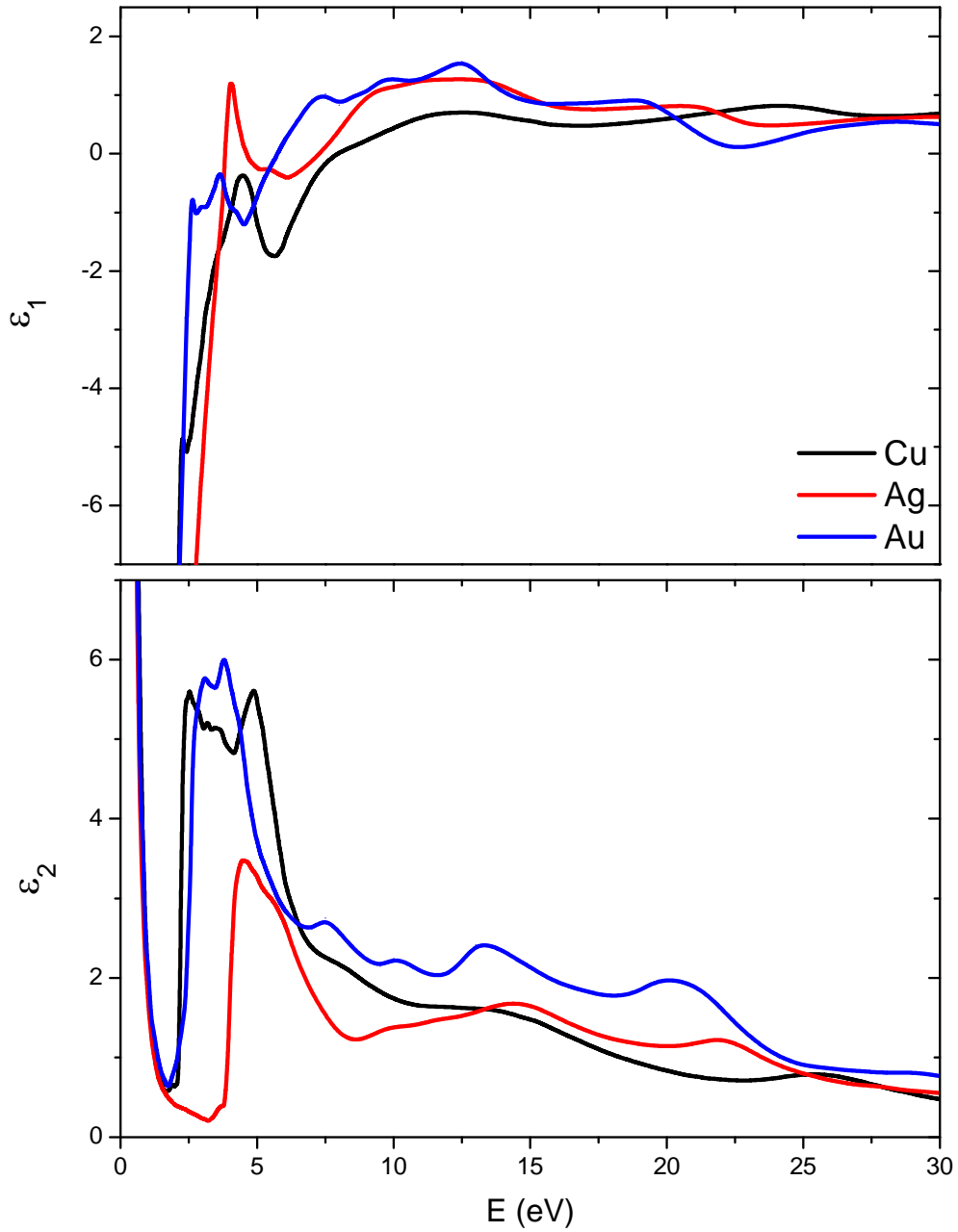


Figure 16. Dielectric constants for Cu, Ag, and Au derived from JHW reflectances using KK analyses