Observed (dereddened) SED of $\epsilon$ Aur with a three component model. From short to long wavelengths, the photometric points are: U, B, V, R, I from the AAVSO (filled circles), J, H, K, L, M (filled circles), J, H, Ks from 2MASS (unfilled circles), IRAC from Spitzer (filled squares), ground-based L, M, N, Q (unfilled squares), B1, B2, A, C, D, E bands from MSX (unfilled diamonds), and MIPS from Spitzer (filled diamonds). Vertical error bars are the photometric uncertainties (which are dominated by the systematic uncertainty of the dereddening process for the dereddened data). The spectroscopic data are: FUSE (dark purple), HST-GHRS (light purple), IUE (dark blue), ground-based optical (light blue and green), IRS (or orange) and MIPS-SED (filled red squares) from Spitzer. See the text and Table 1 for more information about the data. The model (solid line) is the sum of limb-darkened model F0 (post-AGB) and B5 V spectra (dotted lines), and a cool blackbody disk (dashed line). See the text and Table 1 for more information about the model.