

Detailed modelling of a large sample of *Herschel* sources in the Lockman Hole: identification of cold dust and of lensing candidates through their anomalous SEDs

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ABSTRACT

Additional SED figures omitted from the printed version of the paper to save space.

1 ADDITIONAL FIGURES

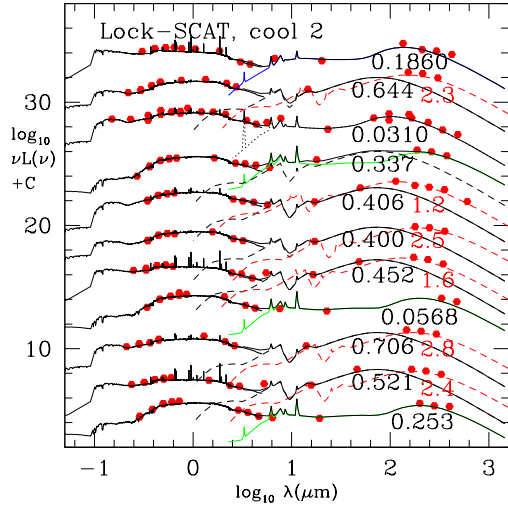


Figure 1. Fig 5R: SEDs for SWIRE-Lockman galaxies with at least 10 optical-nir photometric bands and with $\chi_{\text{ir}}^2 > 5$. Cool cirrus models ($\psi=1$) are shown in blue, cold cirrus models ($\psi=0.1$) in green. Lens models are shown as red broken curves, with associated redshift of lensed galaxy in red. Black dotted curves are cirrus ($\psi=5$) or M82 starbursts, black dashed curves are Arp 220 starbursts and black long-dashed curves are AGN dust tori. Where a lensed galaxy is also shown with a cirrus template fit, the latter has been rejected as physically implausible because $L_{\text{cirr}} > L_{\text{opt}}$.

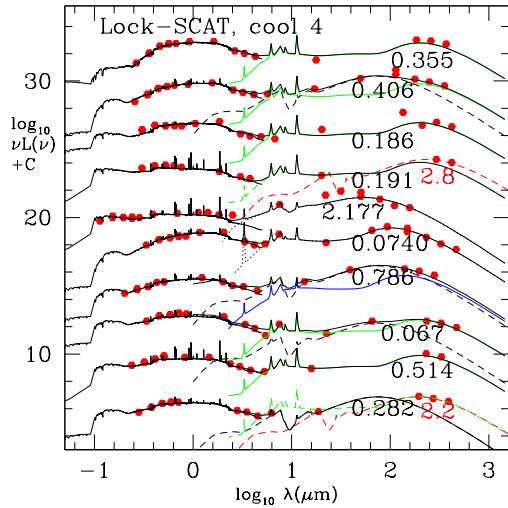


Figure 2. Fig 6R: SEDs for SWIRE-Lockman 10-band galaxies with $\chi_{\text{ir}}^2 > 5$. Colour coding as in Fig 5.

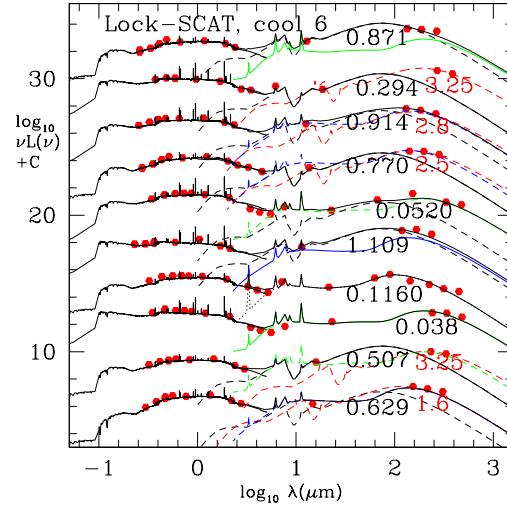


Figure 3. Fig 7R: SEDs for SWIRE-Lockman 10-band galaxies with $\chi_{\text{ir}}^2 > 5$.

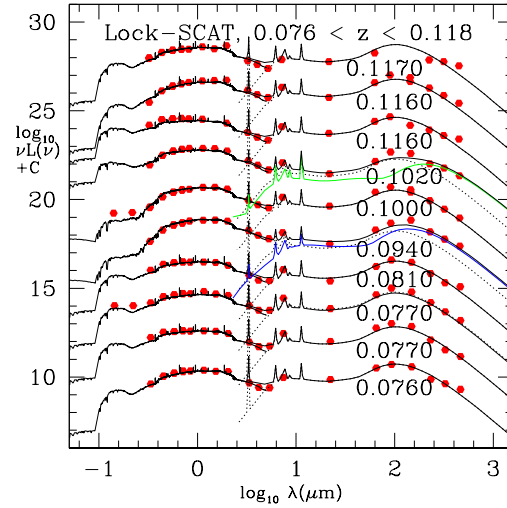


Figure 4. Fig 9R: SEDs for SWIRE-Lockman galaxies with at least 12 optical-nir photometric bands and with $0.076 < z < 0.118$. Photometric redshifts are indicated with only 3 significant figures. Colour-coding as in Fig. 5.

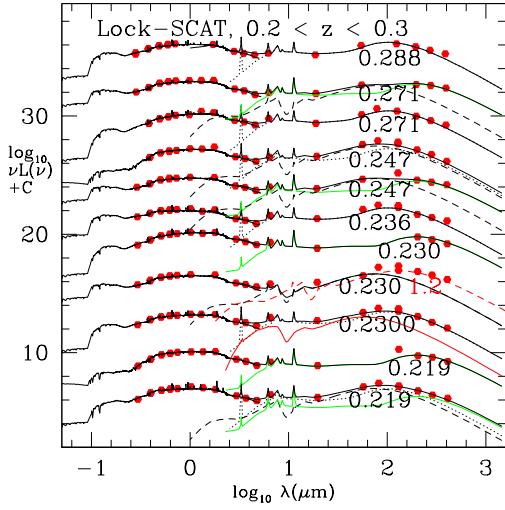


Figure 5. Fig 10R: SEDs for SWIRE-Lockman 12-band galaxies with $0.2 < z < 0.3$. Solid red curves are young starbursts.

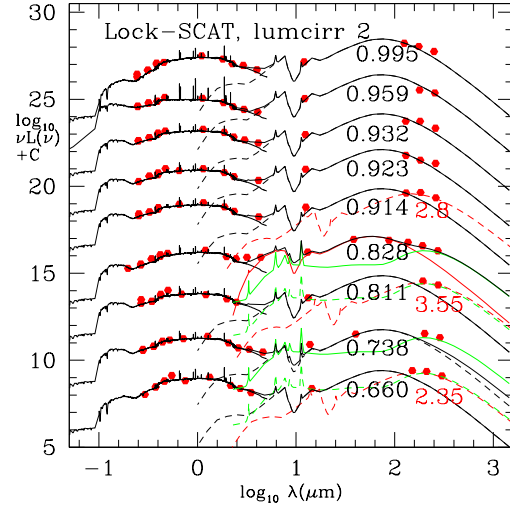


Figure 7. Fig 13R: SEDs for SWIRE-Lockman galaxies with $L_{\text{cirr}} > L_{\text{opt}}$. Colour coding as in Fig. 5.

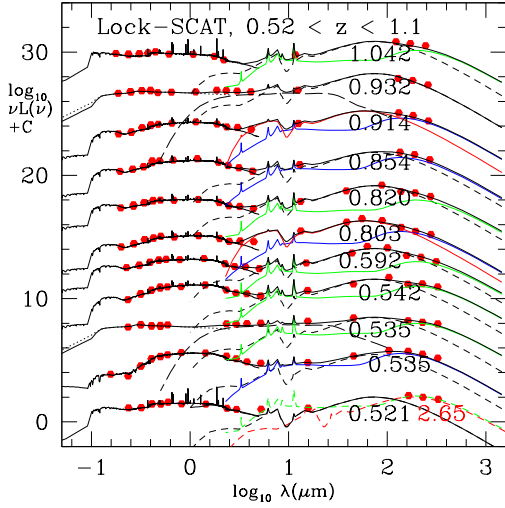


Figure 6. Fig 11R: SEDs for SWIRE-Lockman 12-band galaxies with $0.52 < z < 1.1$.

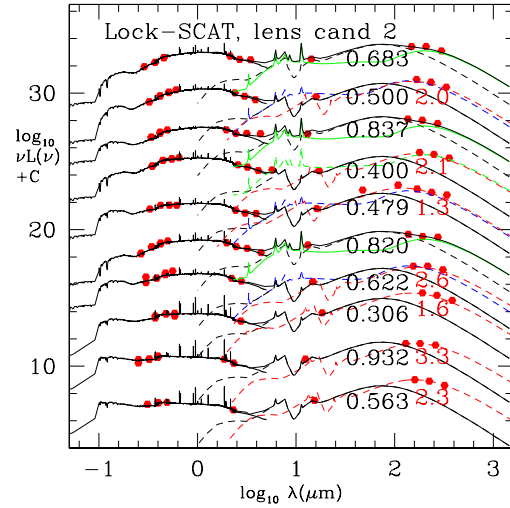


Figure 8. Fig 18R: SEDs for SWIRE-Lockman galaxies with < 10 photometric bands which are lens candidates according to the colour-redshift criteria of section 4.

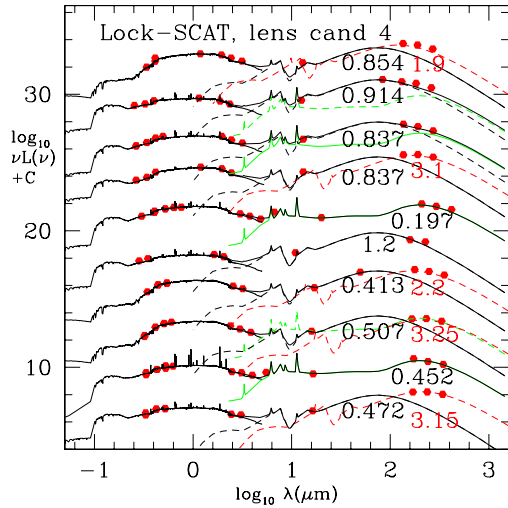


Figure 9. Fig 19R: SEDs for SWIRE-Lockman galaxies with < 10 photometric bands which are lens candidates according to the colour-redshift criteria of section 4.

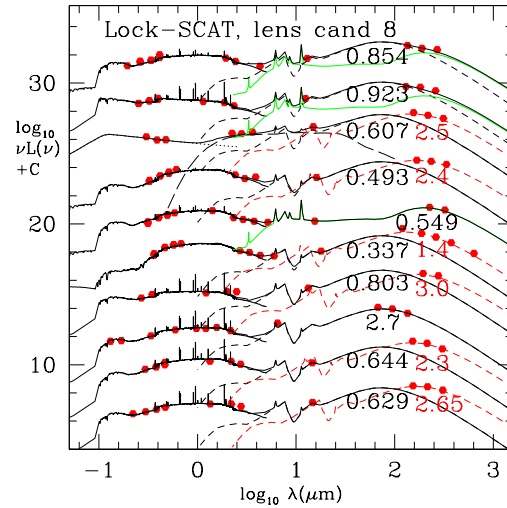


Figure 11. Fig 21R: SEDs for SWIRE-Lockman galaxies with < 10 photometric bands which are lens candidates according to the colour-redshift criteria of section 4.

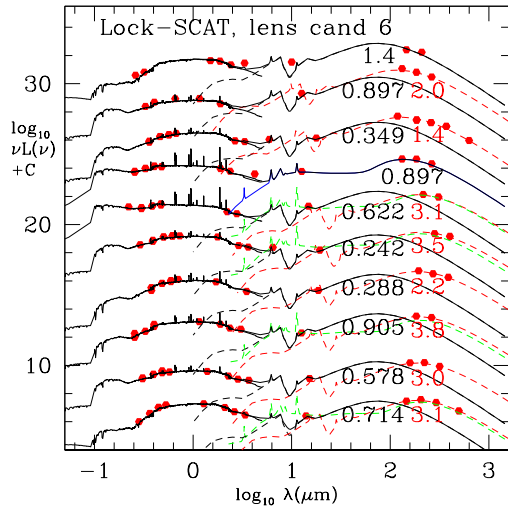


Figure 10. Fig 20R: SEDs for SWIRE-Lockman galaxies with < 10 optical-nir photometric bands which are lens candidates according to the colour-redshift criteria of section 4. Colour coding as in Fig. 5.

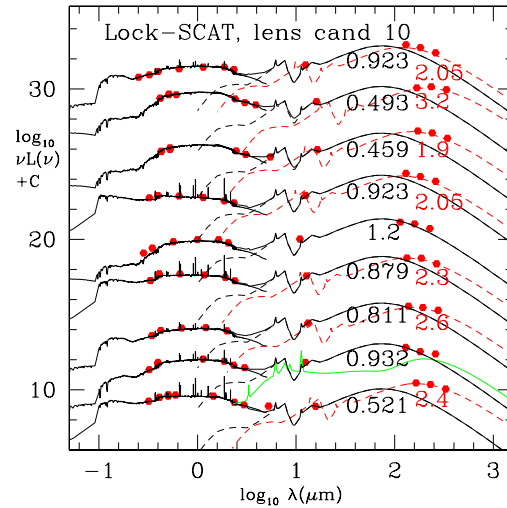


Figure 12. Fig 22R: SEDs for SWIRE-Lockman galaxies with < 10 photometric bands which are lens candidates according to the colour-redshift criteria of section 4.

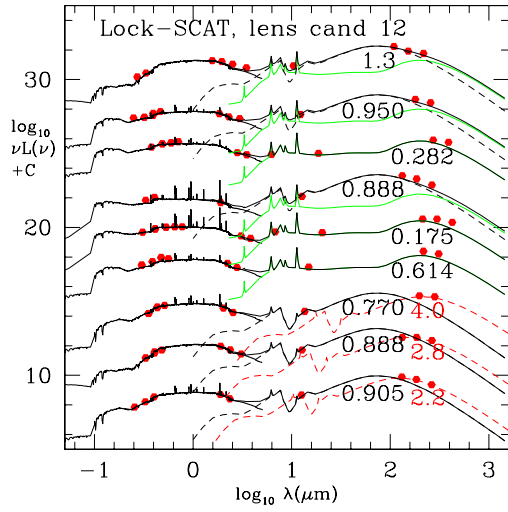


Figure 13. Fig 23R: SEDs for SWIRE-Lockman galaxies with < 10 photometric bands which are lens candidates according to the colour-redshift criteria of section 4.