

ALMA MATER STUDIORUM · UNIVERSITÀ DI BOLOGNA

Scuola di Scienze
Dipartimento di Fisica e Astronomia
Corso di Laurea Magistrale in Astrofisica e Cosmologia

X-ray analysis and broad-band properties of [NeV]-selected type 2 AGN

ALLEGATO B

Relatore:

**Chiar.mo Prof.
Cristian Vignali**

Presentata da:

Luigi Barchiesi

Co-relatori:

Dott. Roberto Gilli

Dott. Marco Mignoli

Dott.ssa Francesca Pozzi

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Appendix B - SED fitting results

In this section we report the SED fitting results for the sources from 824548 to 910023, the SED-fitting of the other sources are in Appendix A. All the details about the sample, the SED-fitting code and the model used are explained in details in section 4.

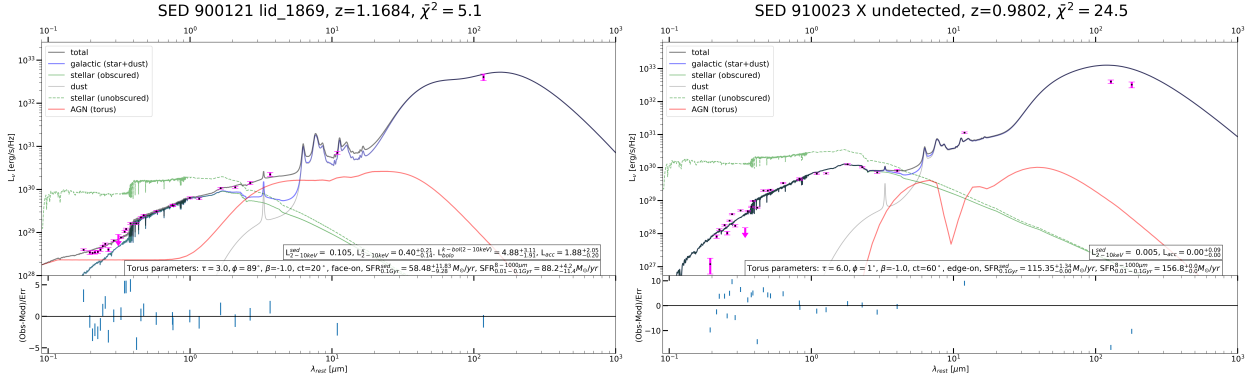
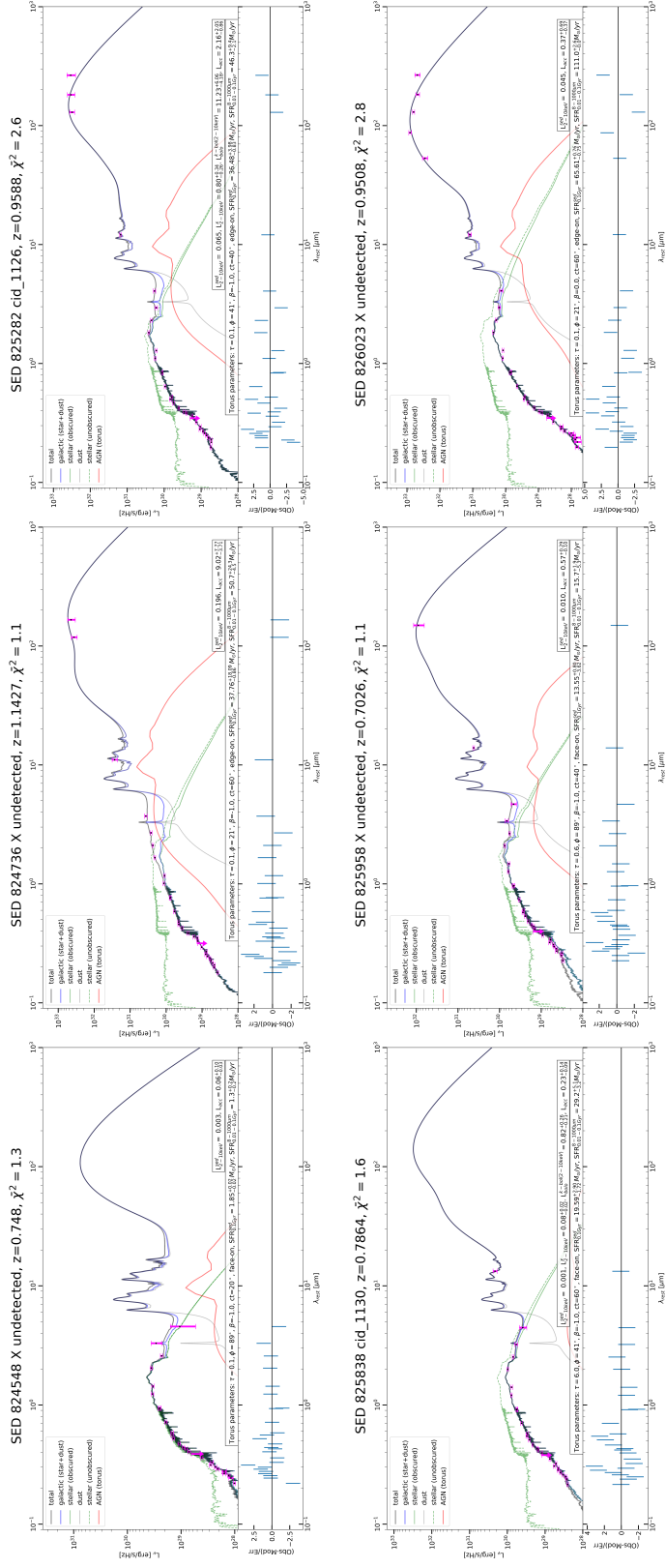
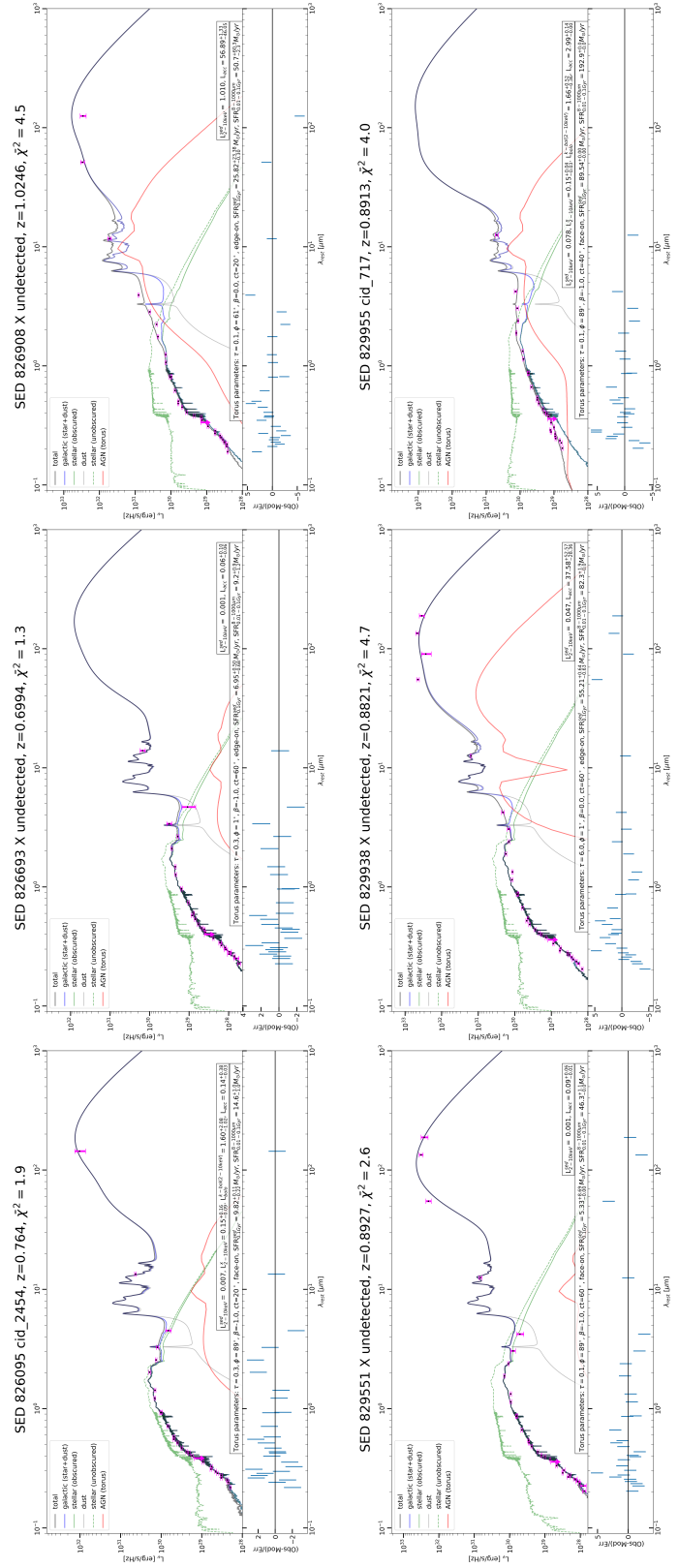
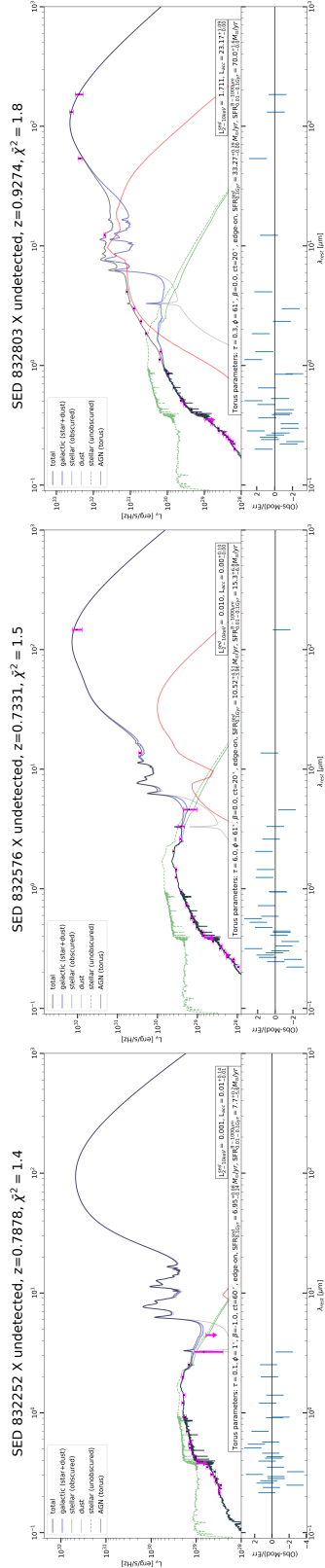
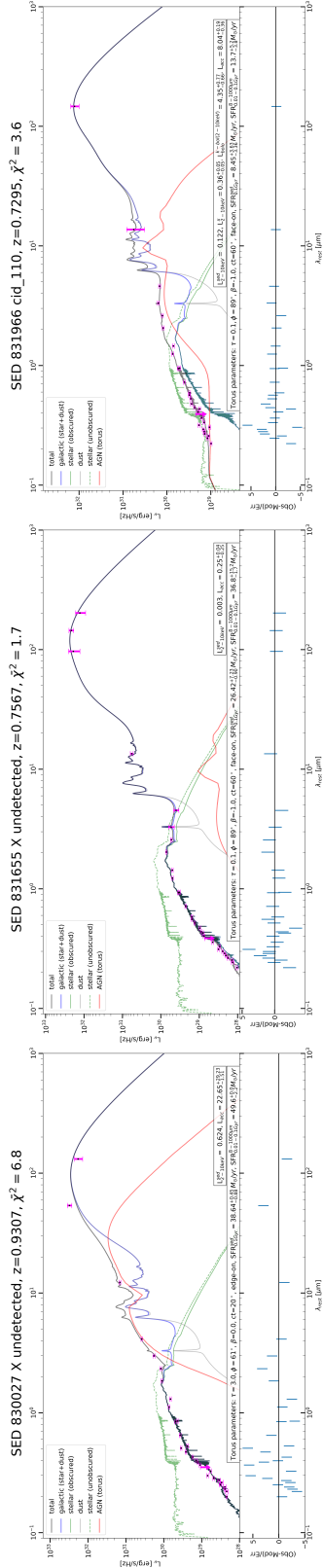
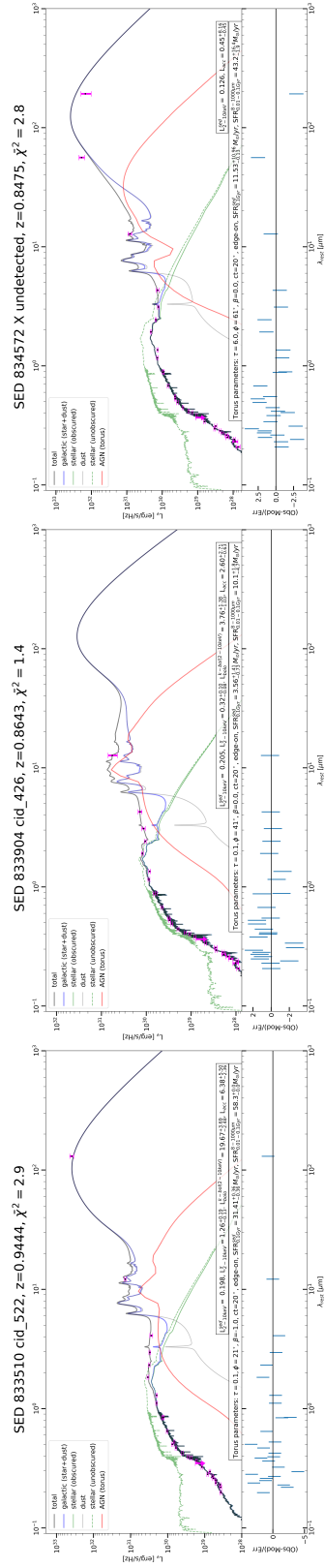
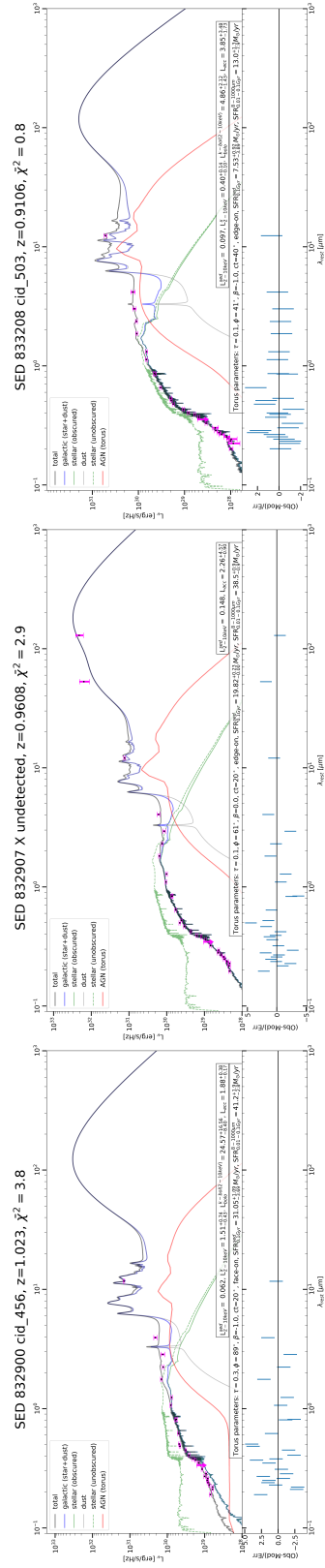


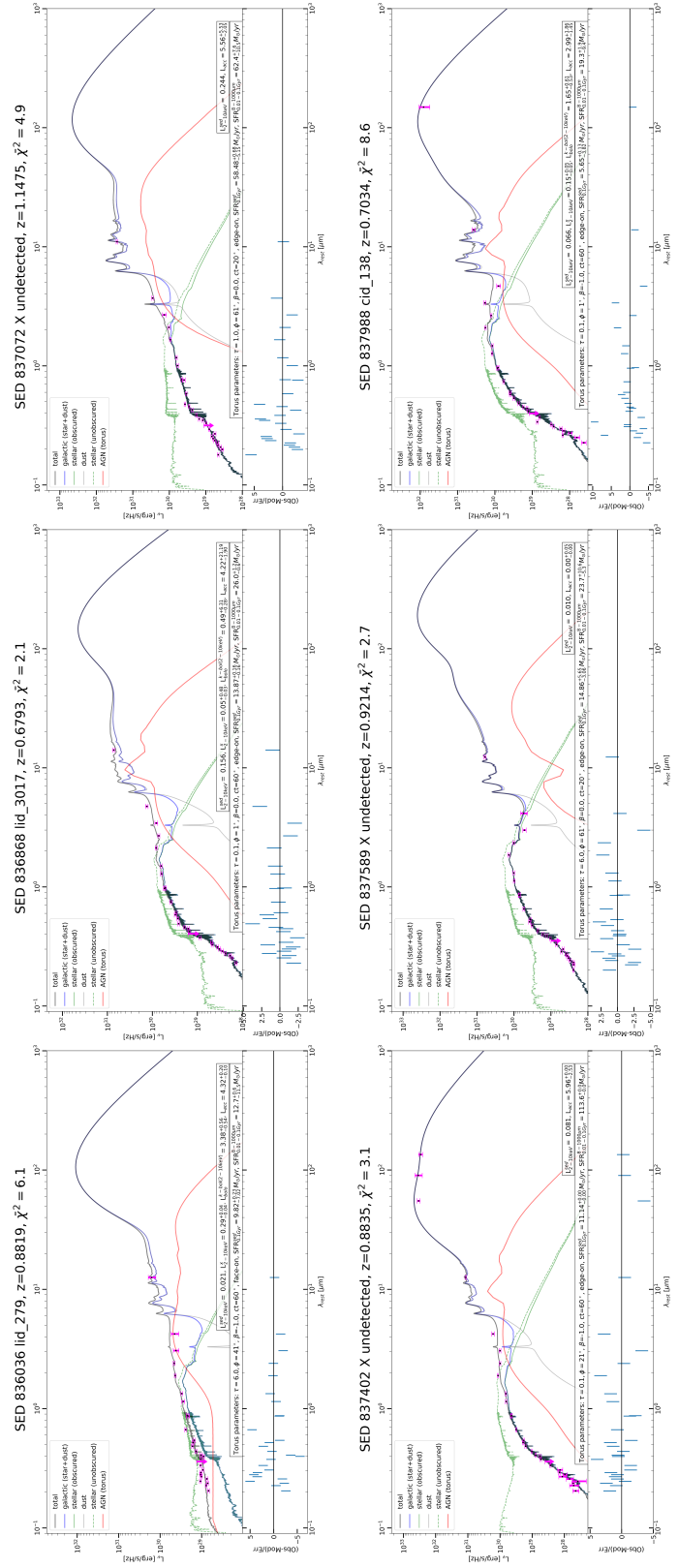
Figure 1: SED decomposition and residuals to the best-fitting solution. Data with 1σ confidence error are from the COSMOS2015 catalog (Laigle et al. 2016). The black line is the best-fit SED, the blue is the galactic contribution, which is composed of heated-dust emission (grey) and stellar emission (green). The green dashed line is the stellar contribution accounting for the dust extinction. The red line is the torus (AGN) emission. The reported $\bar{\chi}^2$ is the χ^2 divided by the number of photometric points.



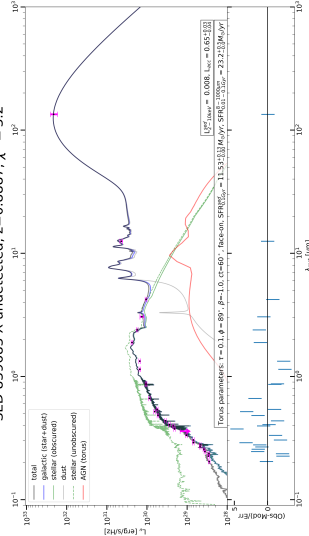




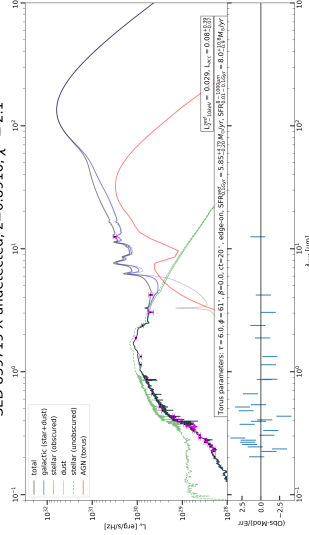




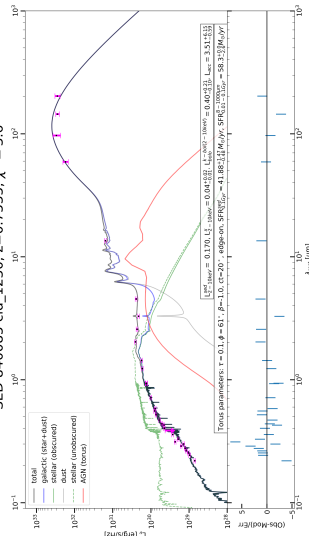
SED 839683 X undetected, $z=0.8887$, $\chi^2 = 3.2$



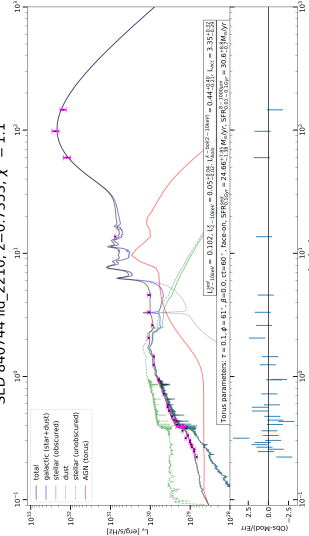
SED 839719 X undetected, $z=0.8916$, $\chi^2 = 2.1$



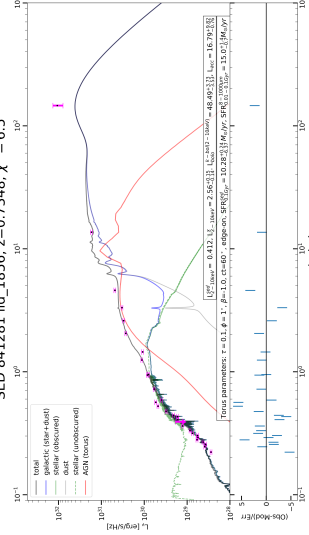
SED 840085 cid_1230, $z=0.7535$, $\chi^2 = 3.6$



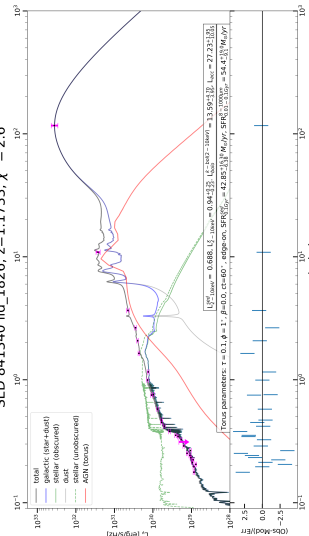
SED 840744 lid_2210, $z=0.7353$, $\chi^2 = 1.1$



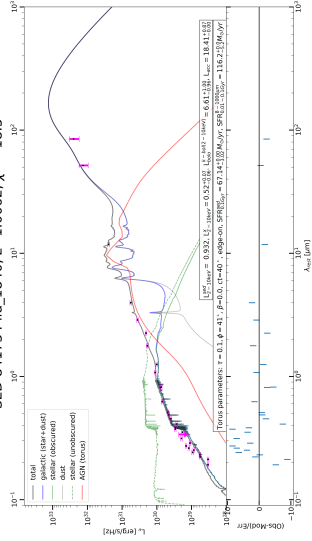
SED 841281 lid_1856, $z=0.7348$, $\chi^2 = 6.5$



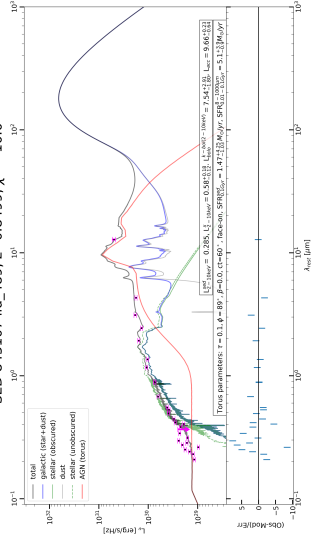
SED 841340 lid_1826, $z=1.1733$, $\chi^2 = 2.6$



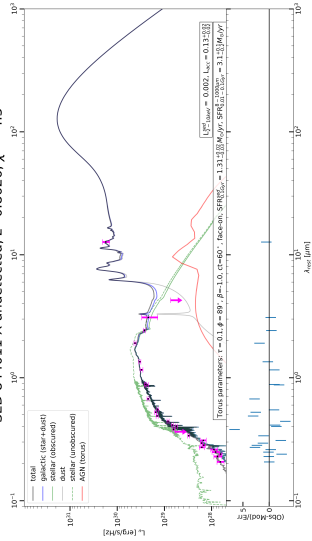
SED 841734 lid_1840, $z=1.0062$, $\chi^2 = 18.5$



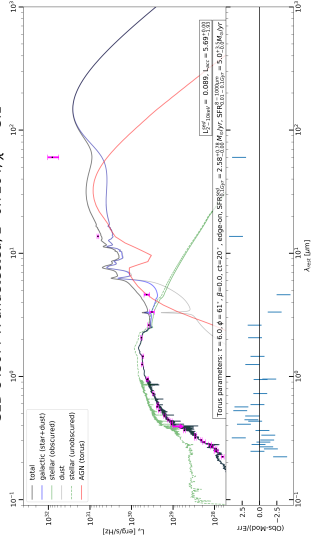
SED 843107 lid_489, $z=0.8499$, $\chi^2 = 10.0$



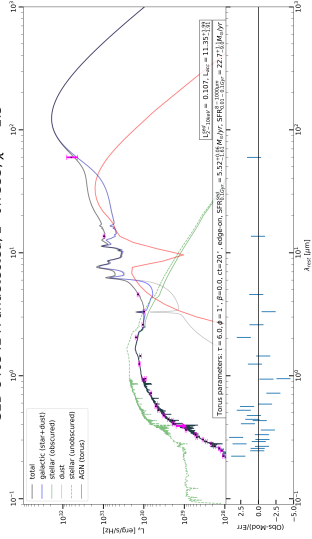
SED 844011 X undetected, $z=0.8626$, $\chi^2 = 4.3$



SED 845677 X undetected, $z=0.7264$, $\chi^2 = 3.1$



SED 846342 X undetected, $z=0.7353$, $\chi^2 = 2.3$



SED 846478 cid_620, $z=1.1767$, $\chi^2 = 2.0$

