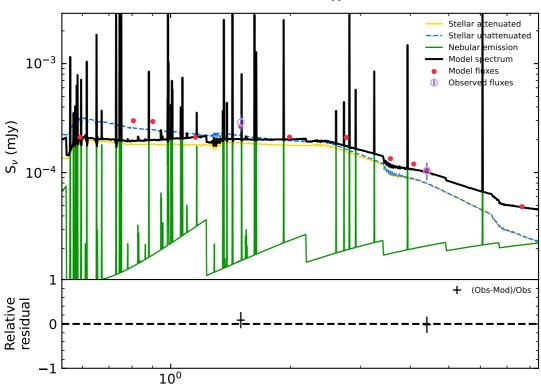Best model for 684046
(z=0.5, reduced χ²=1.3)