Bound-Bound opacity for Lanthanide free at t = 2.5 days 2 0  $(cm^2/g)$  $\log \kappa_{b-b}$ -6 data from Tanaka +2018 reprocessed data -8 fit:  $\alpha = 9.23$ ,  $\sigma = 0.019$  $\kappa = \kappa_0$ , with  $\kappa_0 = 1.23$  cm<sup>2</sup>/g 3.00 3.25 3.50 4.00 2.75 3.75 4.25 logλ (Å)  $\lambda_0 = 3.50$