Bound-Bound opacity for Lanthanide free at t = 1.5 days 2 0  $log \kappa_{b-b}$  (cm<sup>2</sup>/g) data from Tanaka +2018 reprocessed data  $\log \lambda_0 = 3.40$ fit:  $\alpha = 10.28$ ,  $\sigma = 0.073$ -10 $\log \kappa_0 = 1.97 \text{ cm}^2/\text{g}$ 3.25 3.75 4.00 4.25 2.75 3.00 3.50 logλ (Å)