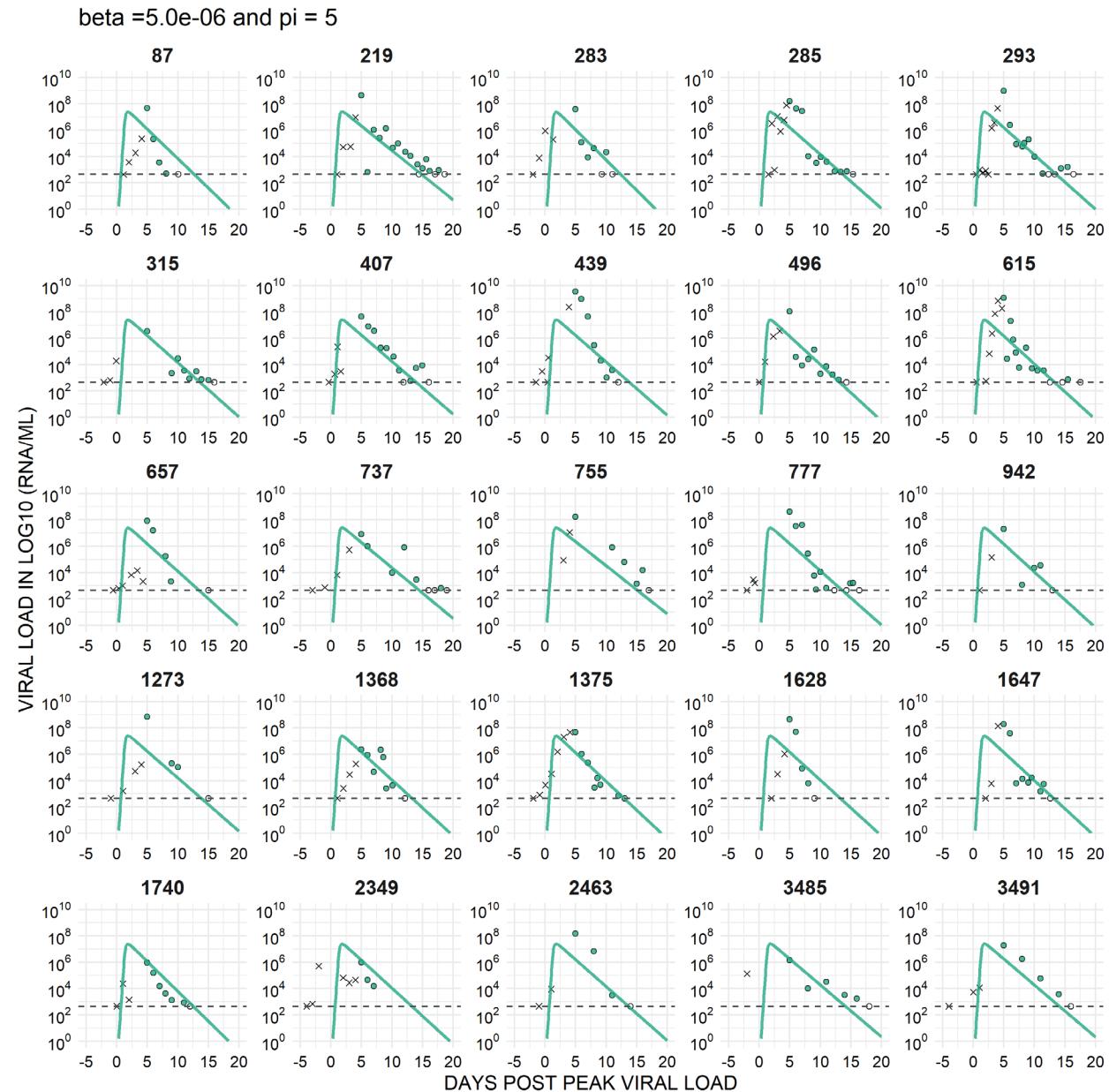
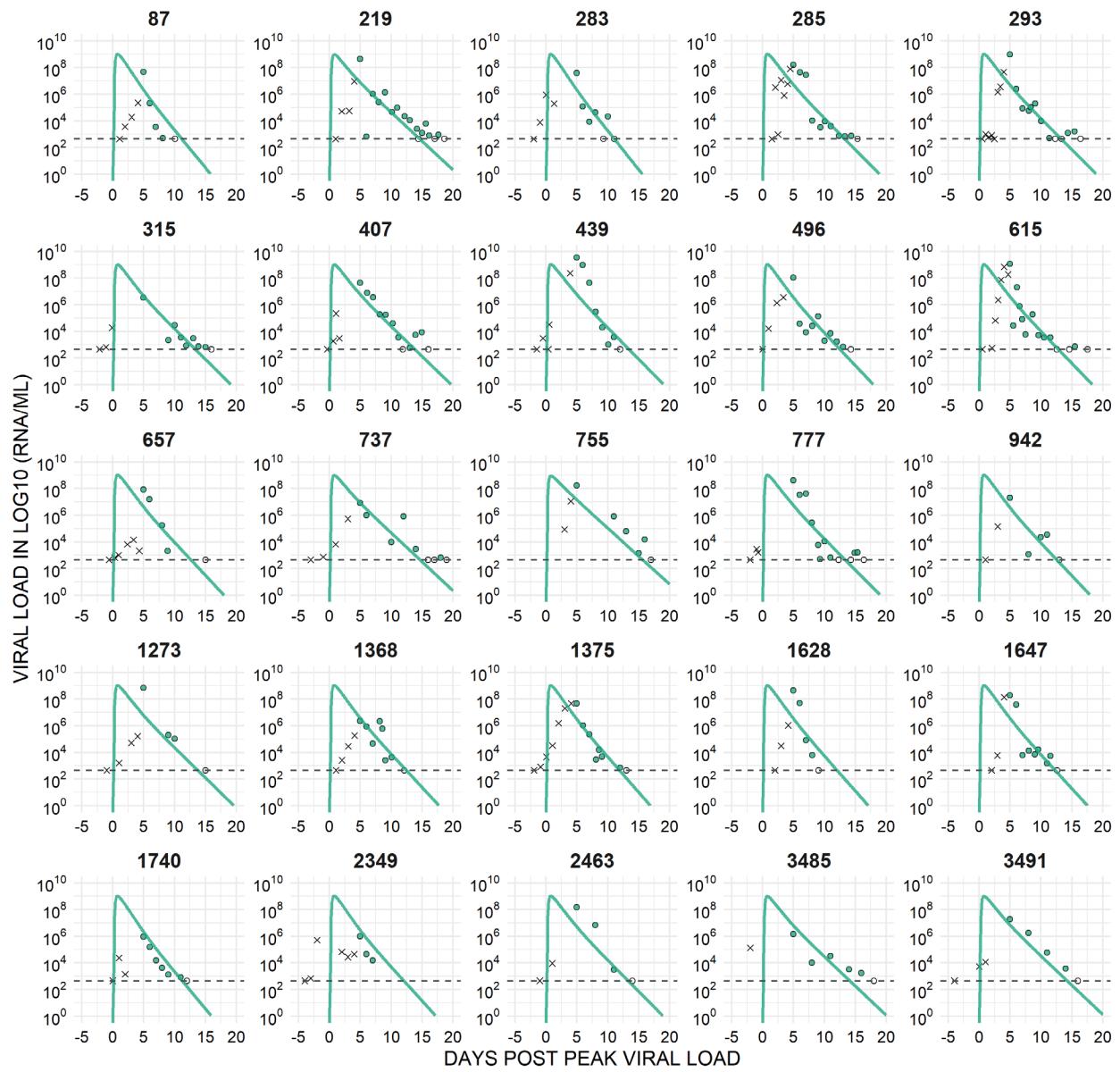


## Model fitting with literature values.

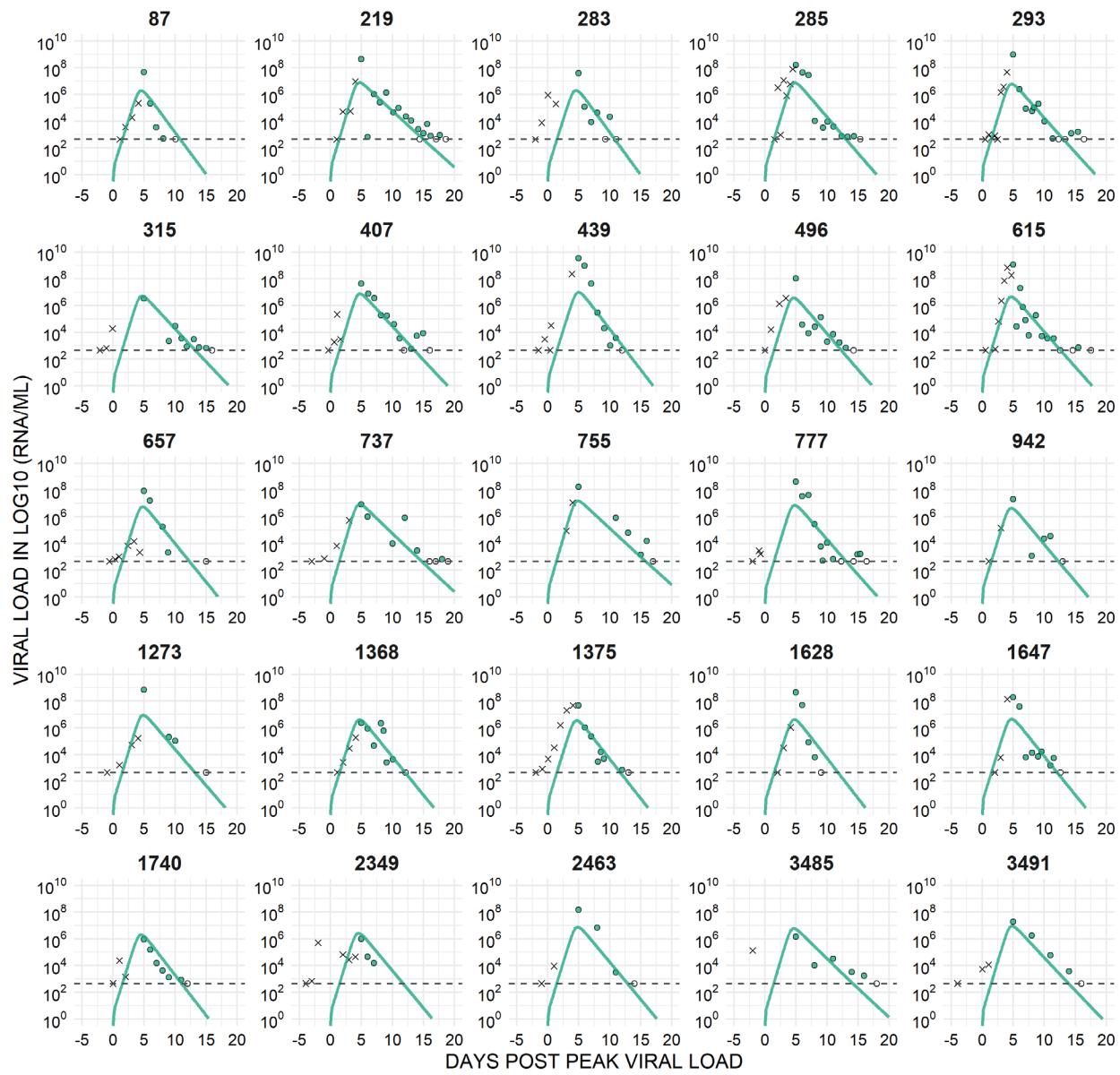
Fig 7A



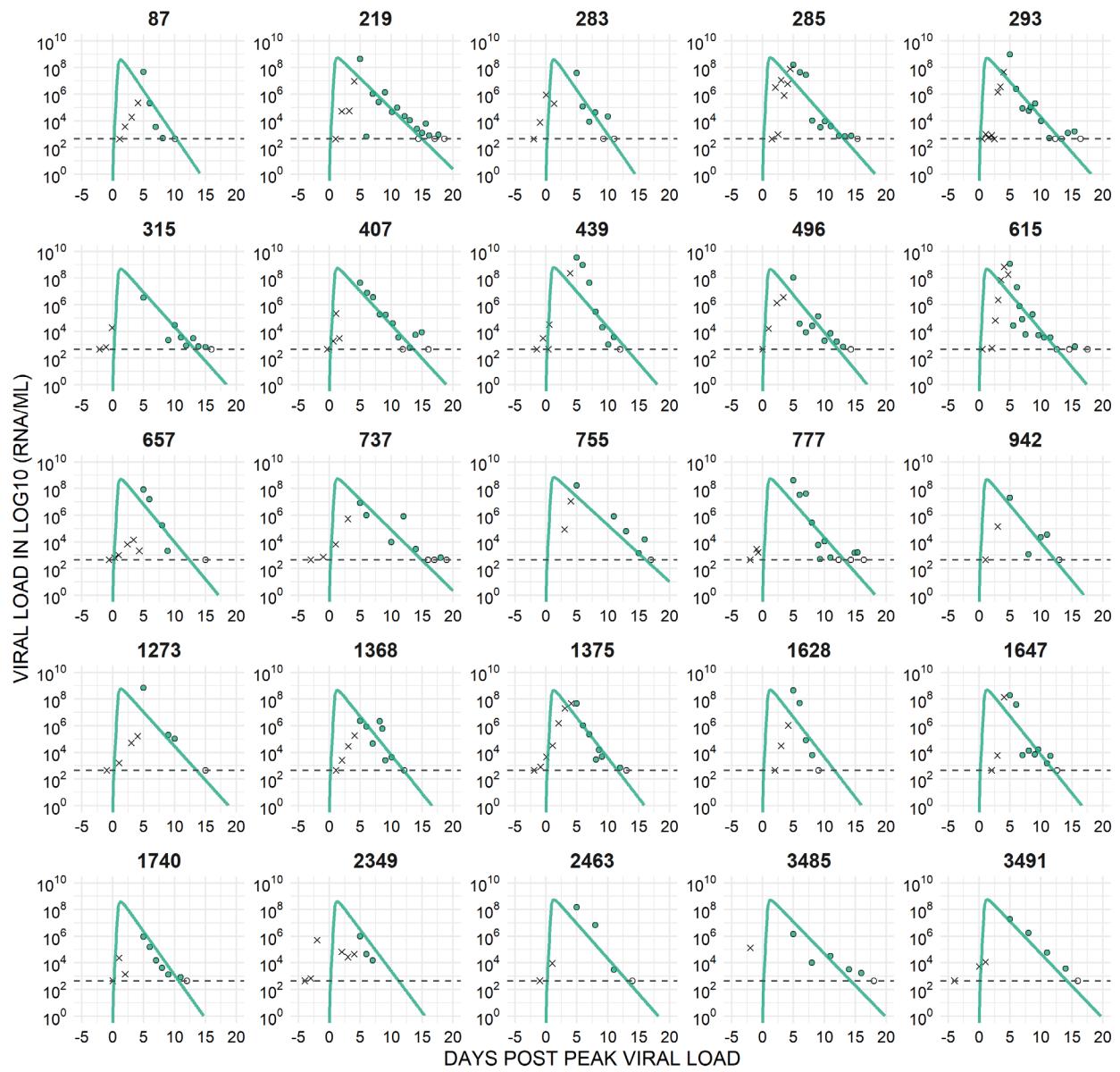
beta = 5.0e-06 and pi = 250



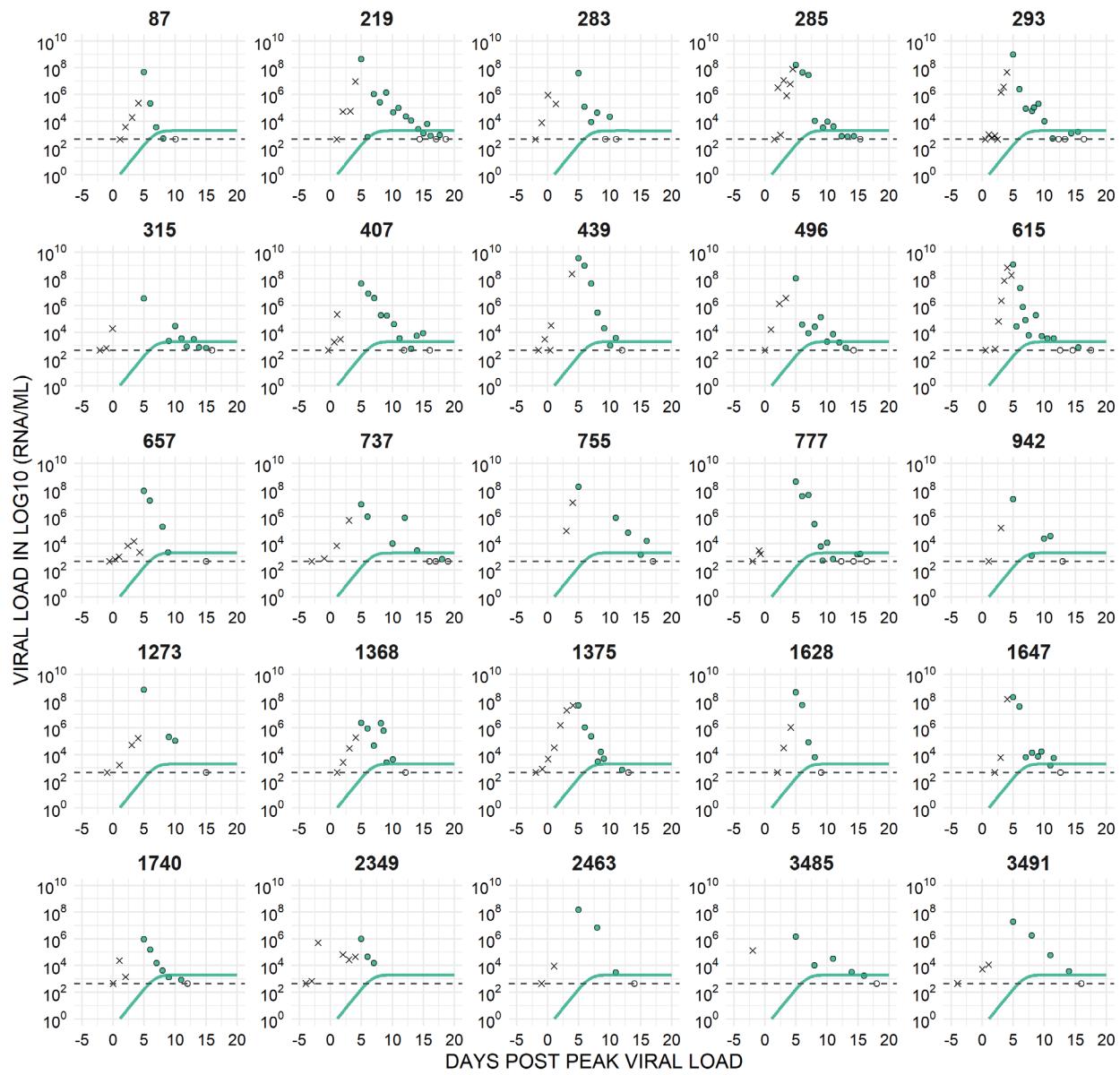
$\beta = 1.0 \times 10^{-8}$  and  $\pi = 150$



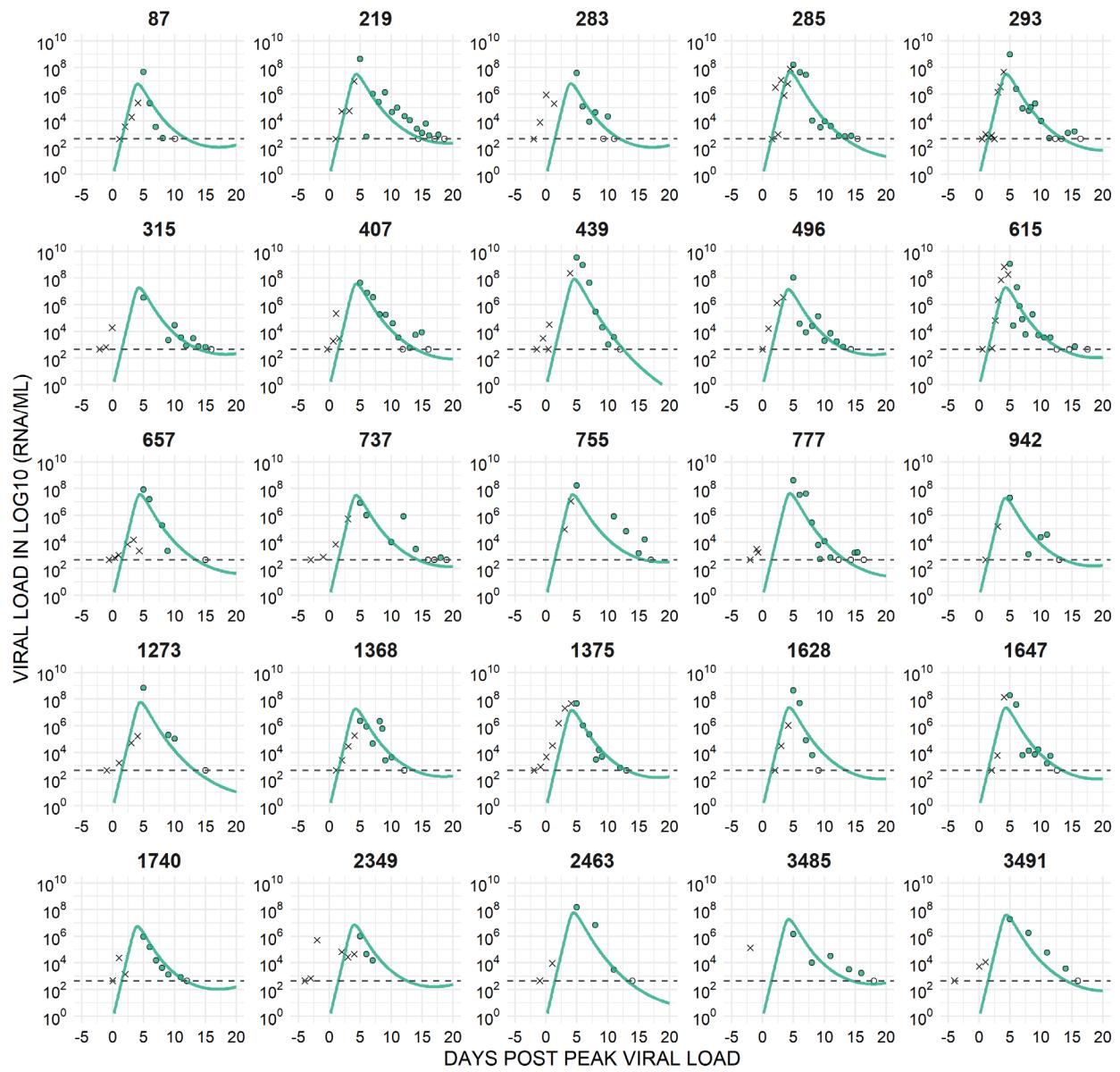
$\beta = 1.0e-08$  and  $\pi = 5000$



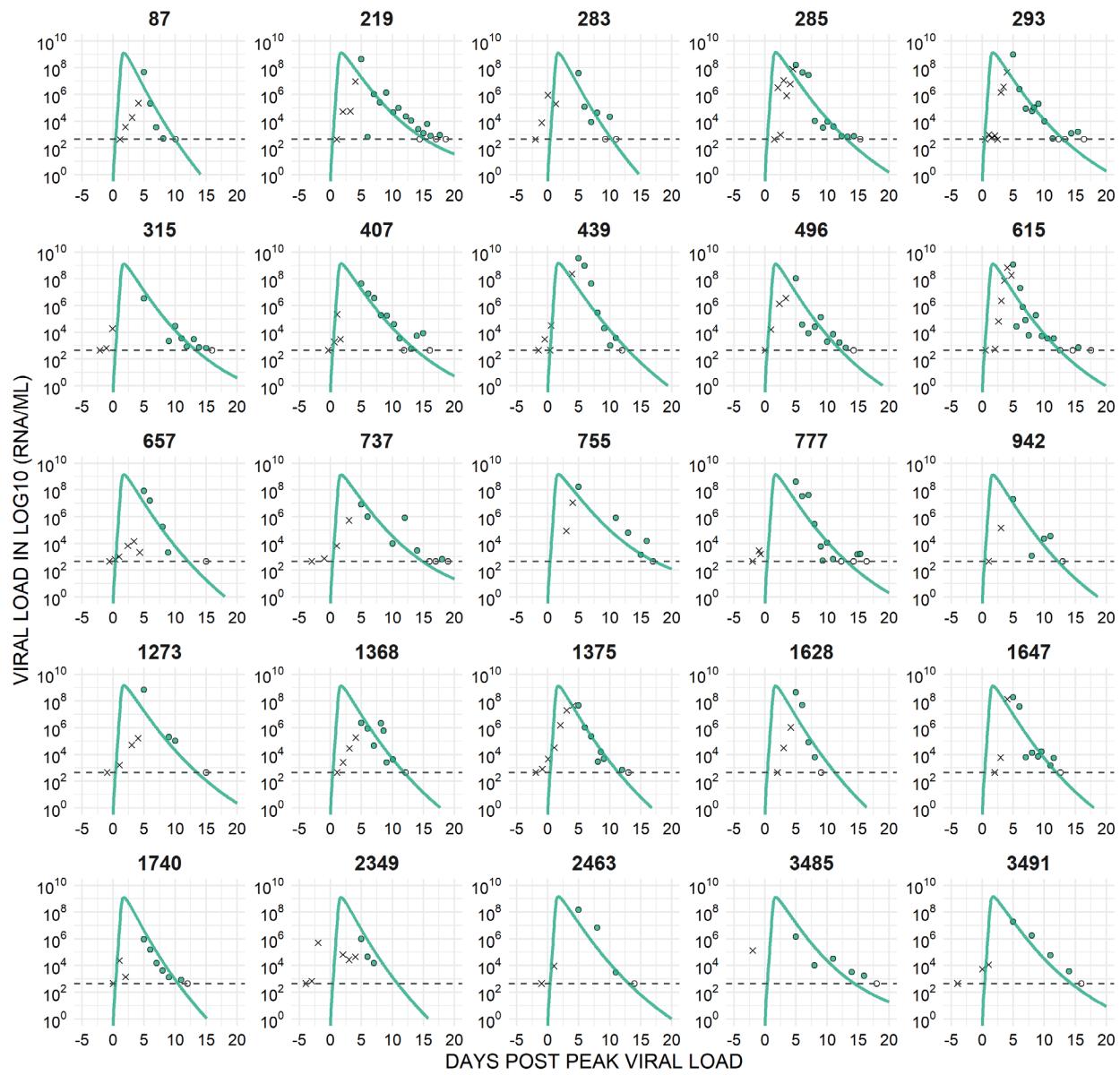
beta = 5.0e-08 and pi = 5



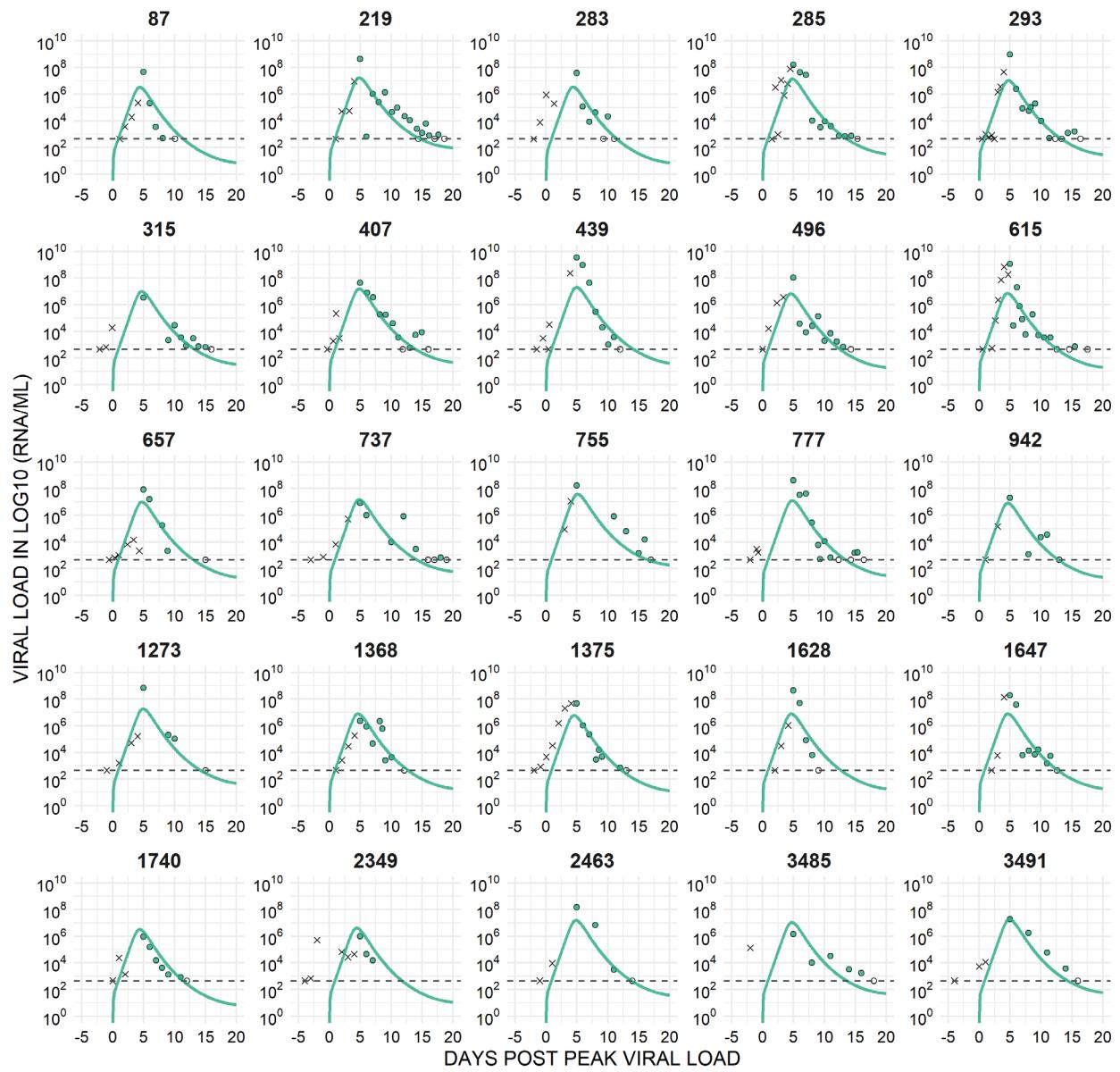
$\beta = 5.0 \times 10^{-8}$  and  $\pi = 50$



beta = 5.0e-08 and pi = 500



$\beta = 1.0e-09$  and  $\pi = 1500$



beta = 5.0e-09 and pi = 250

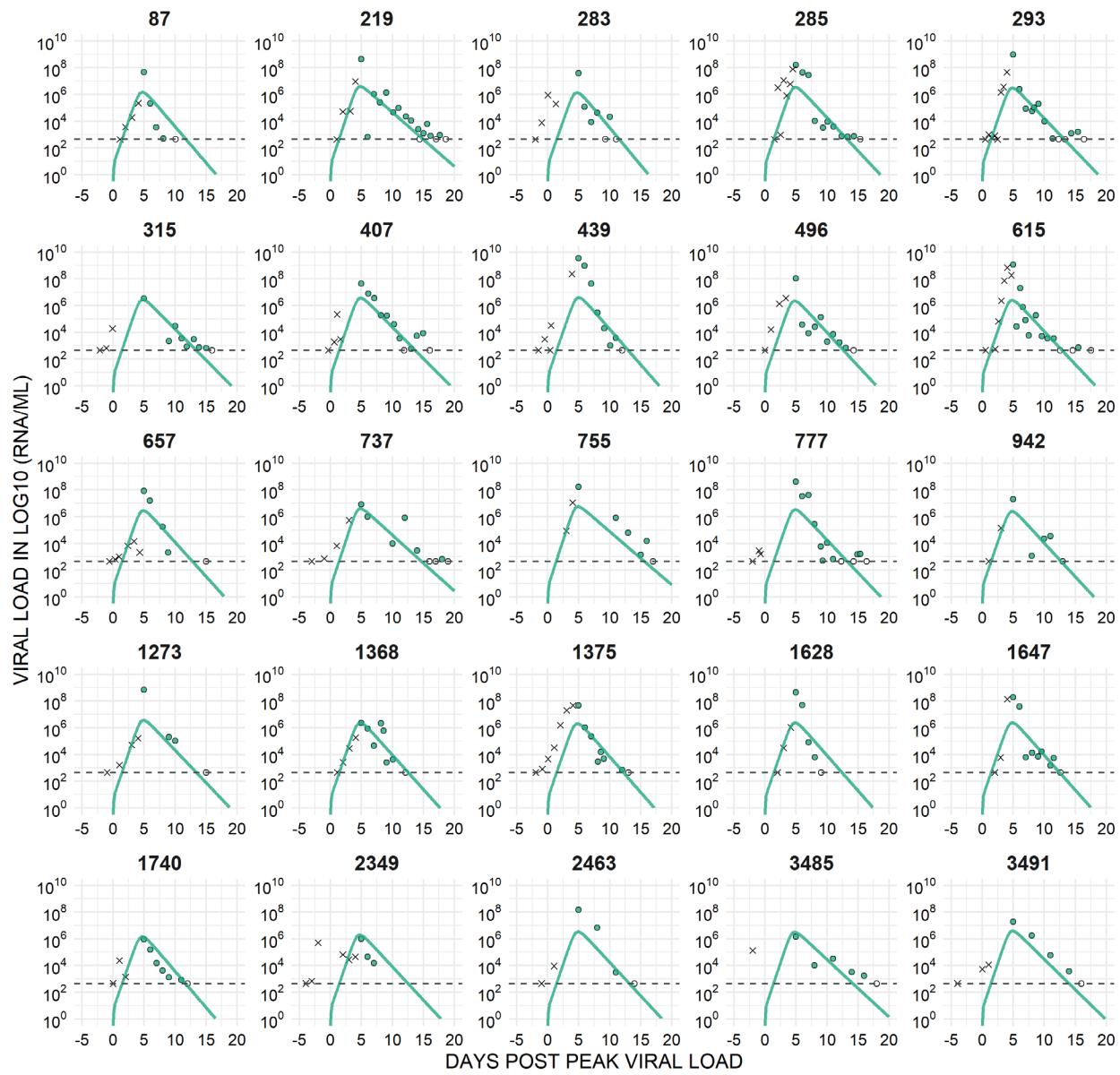
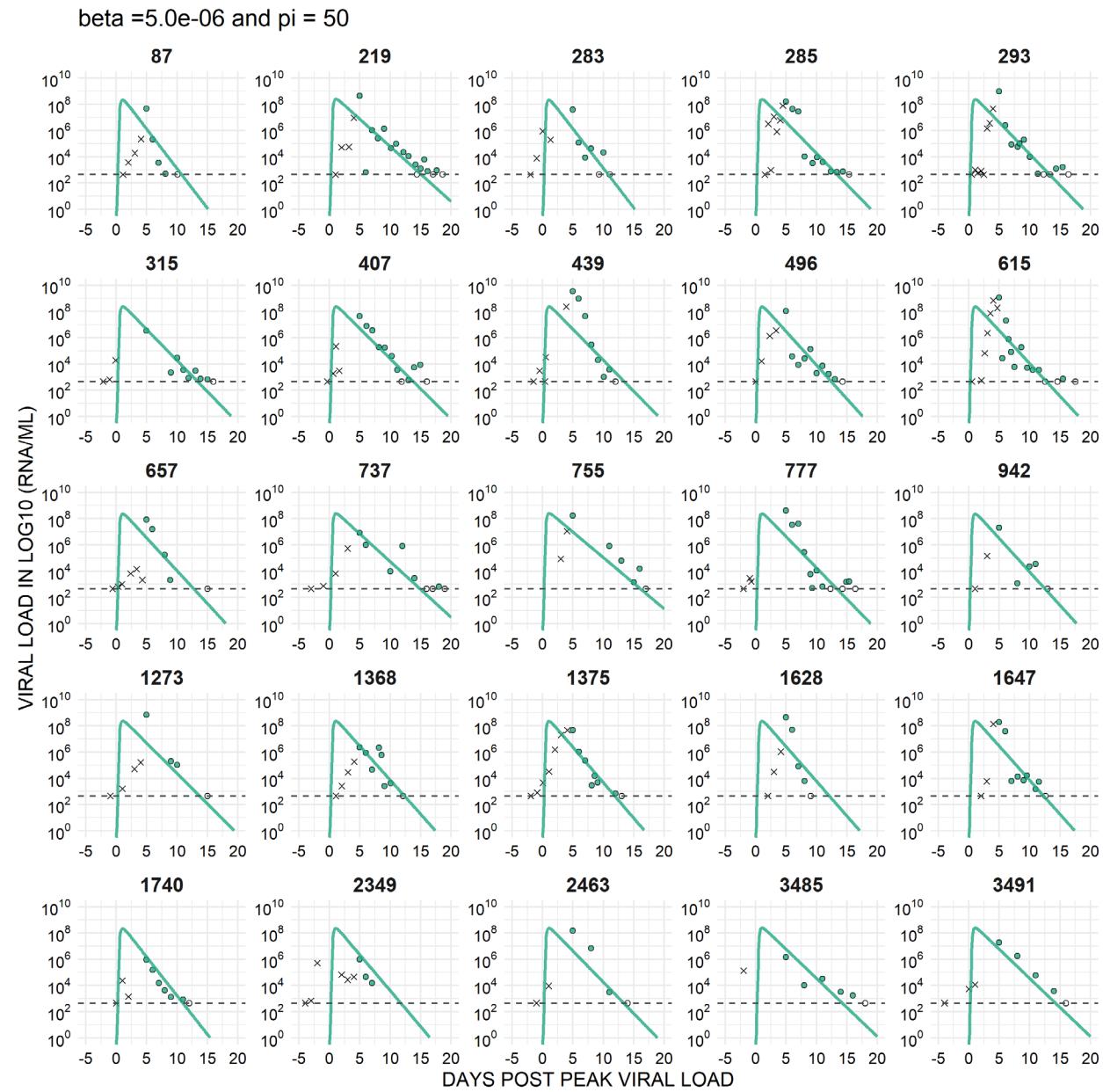
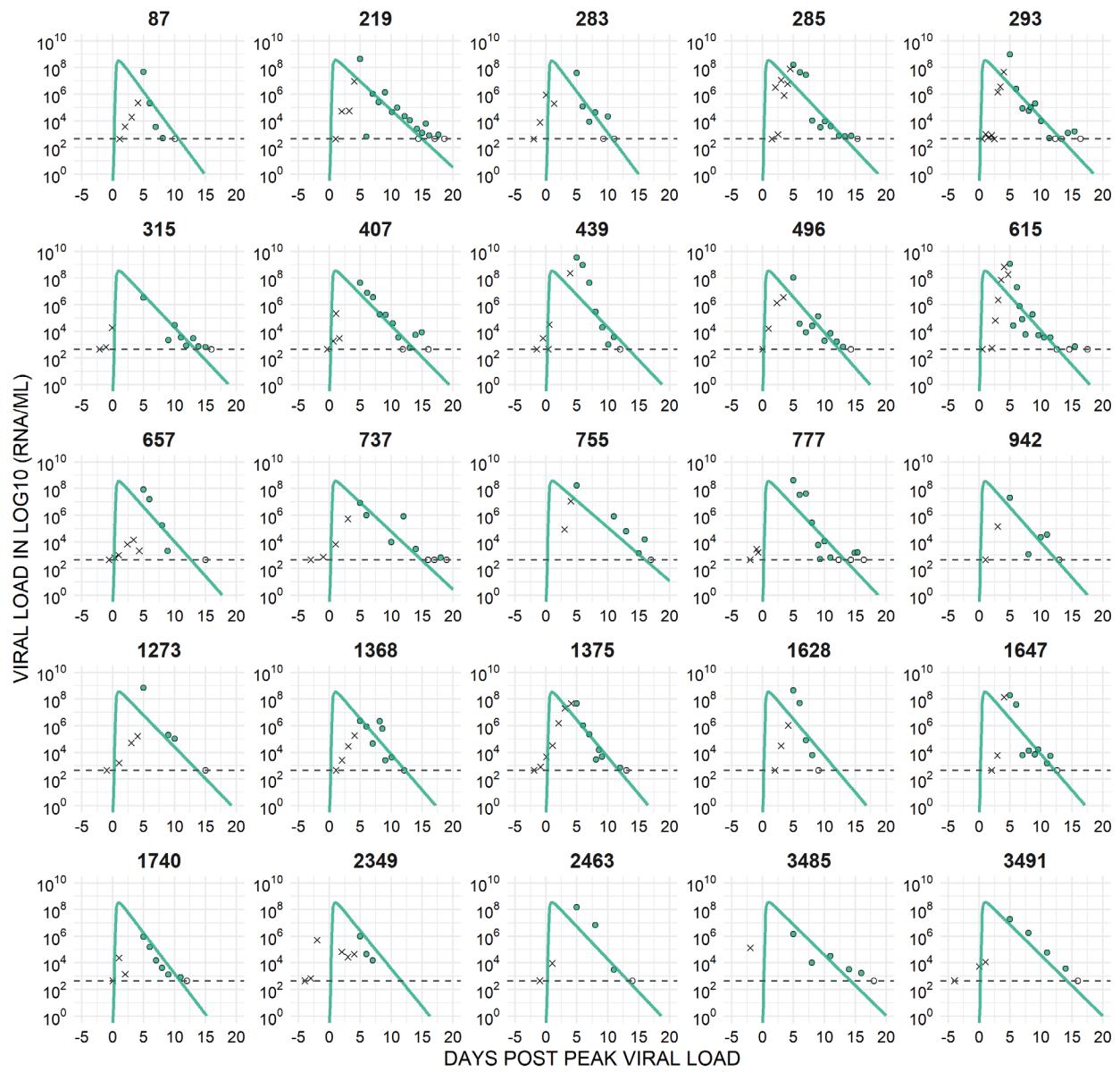


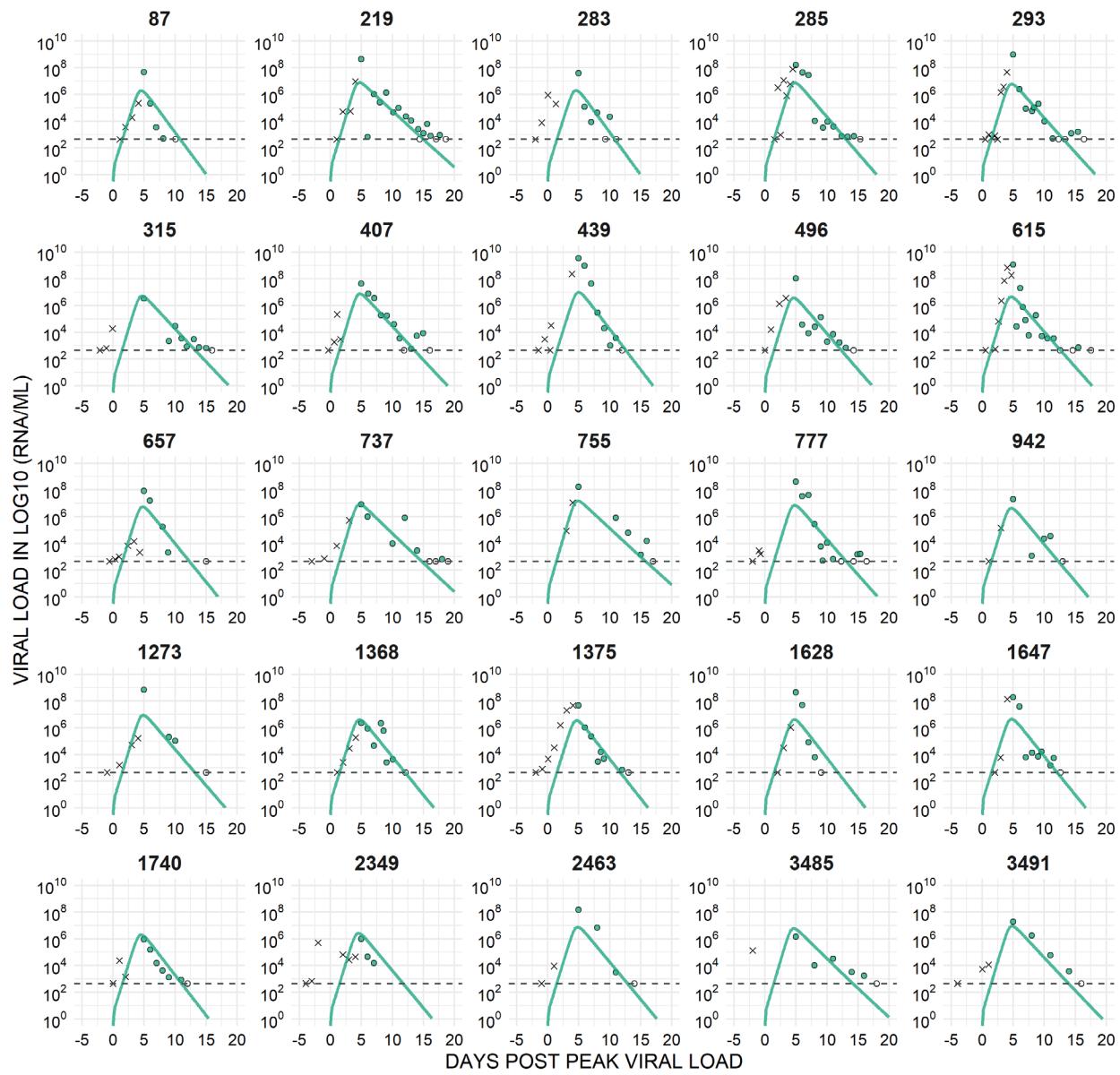
Fig 7B



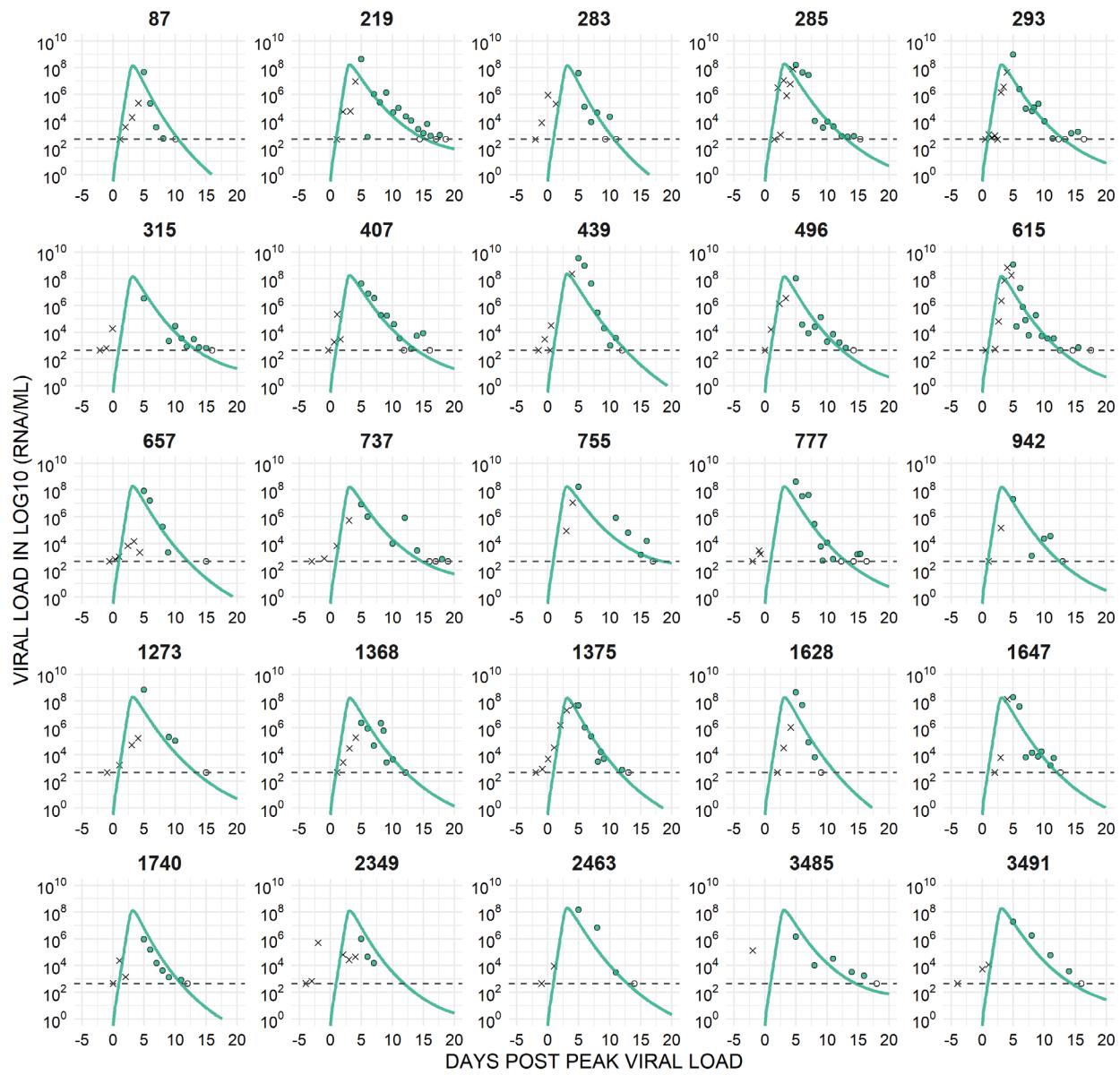
$\beta = 5.0 \times 10^{-6}$  and  $\pi = 75$



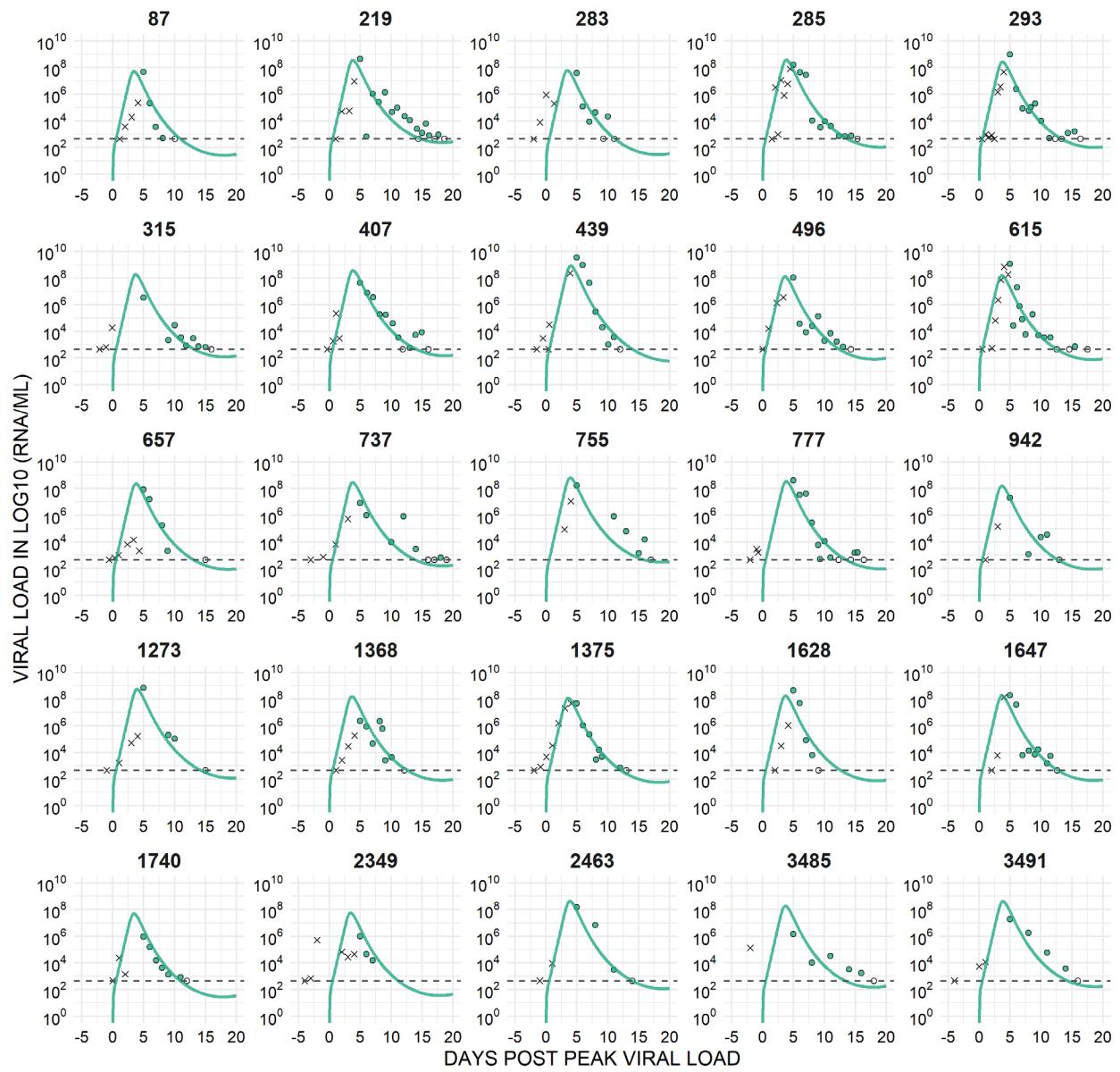
$\beta = 1.0 \times 10^{-8}$  and  $\pi = 150$



beta = 5.0e-08 and pi = 100



beta = 1.0e-09 and pi = 3000



beta = 5.0e-09 and pi = 1000

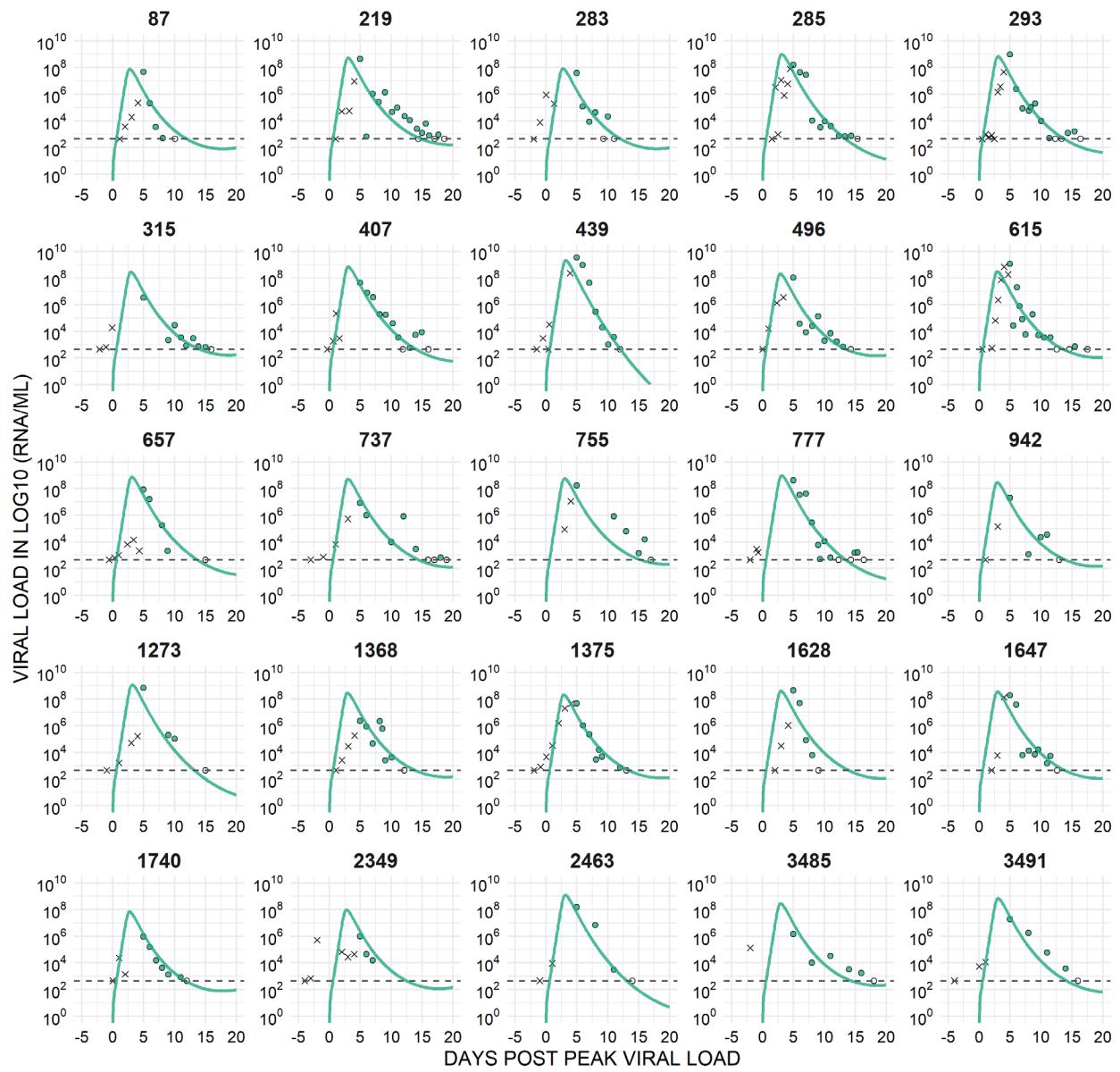
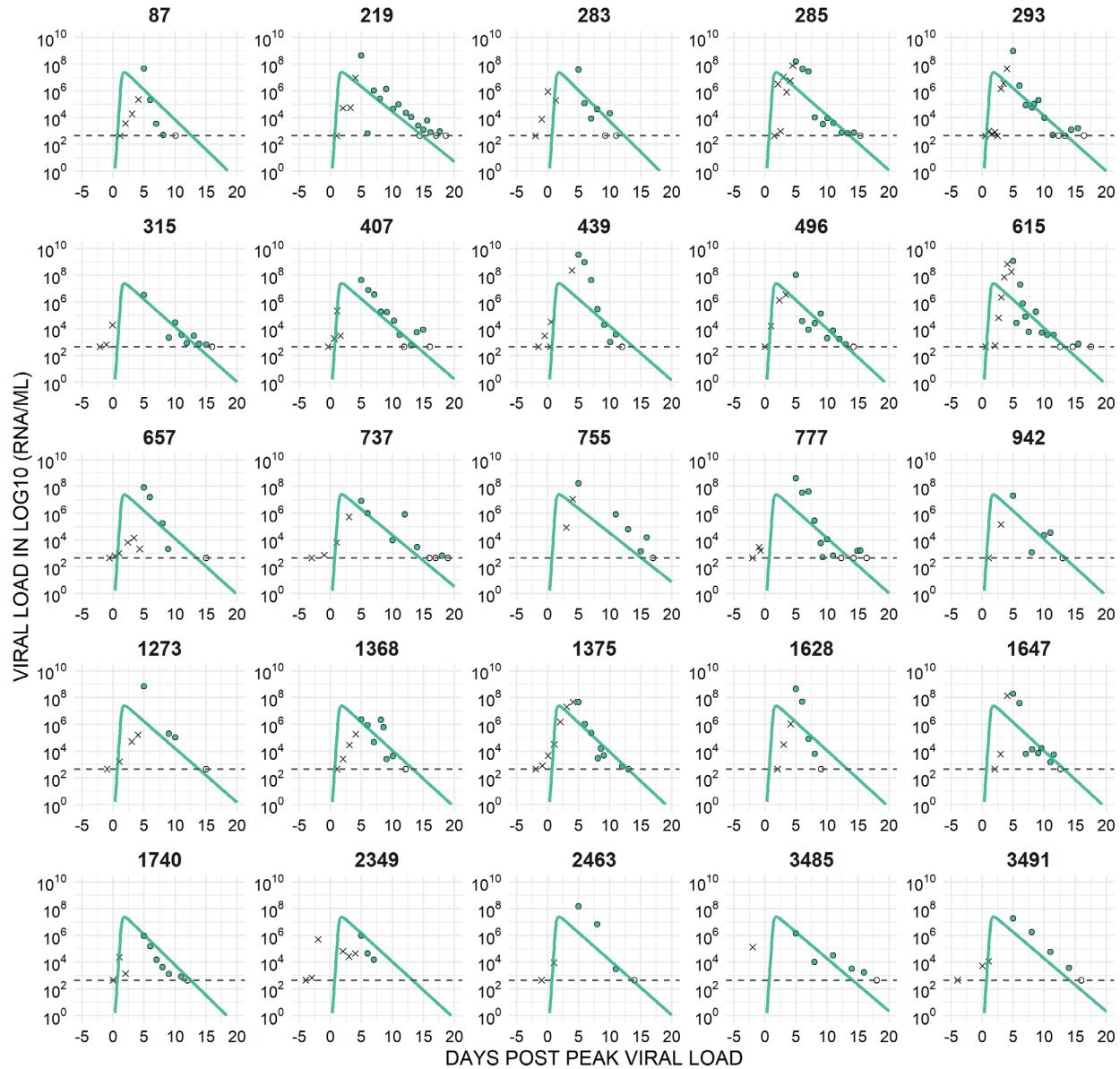
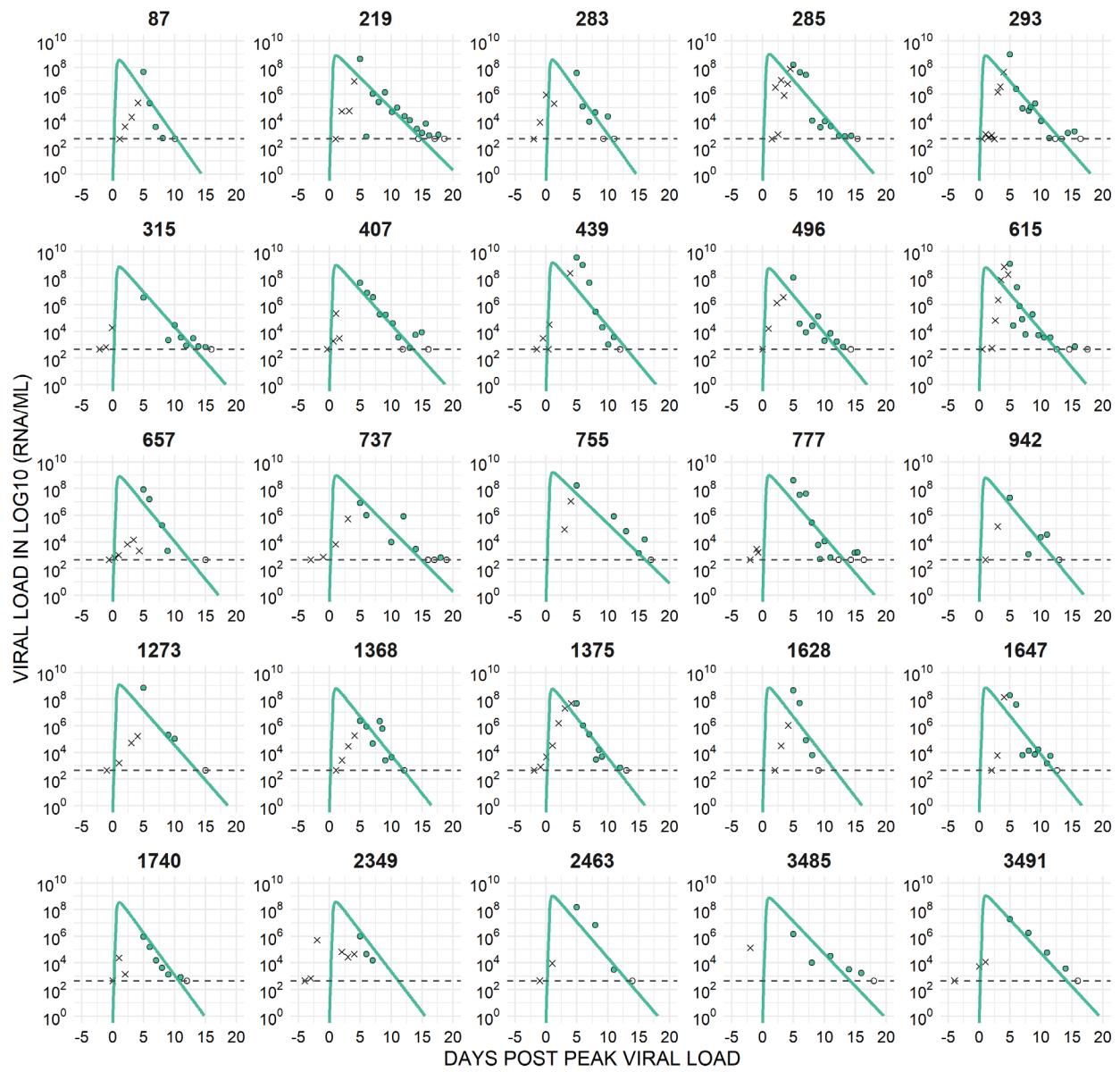


Fig 7C

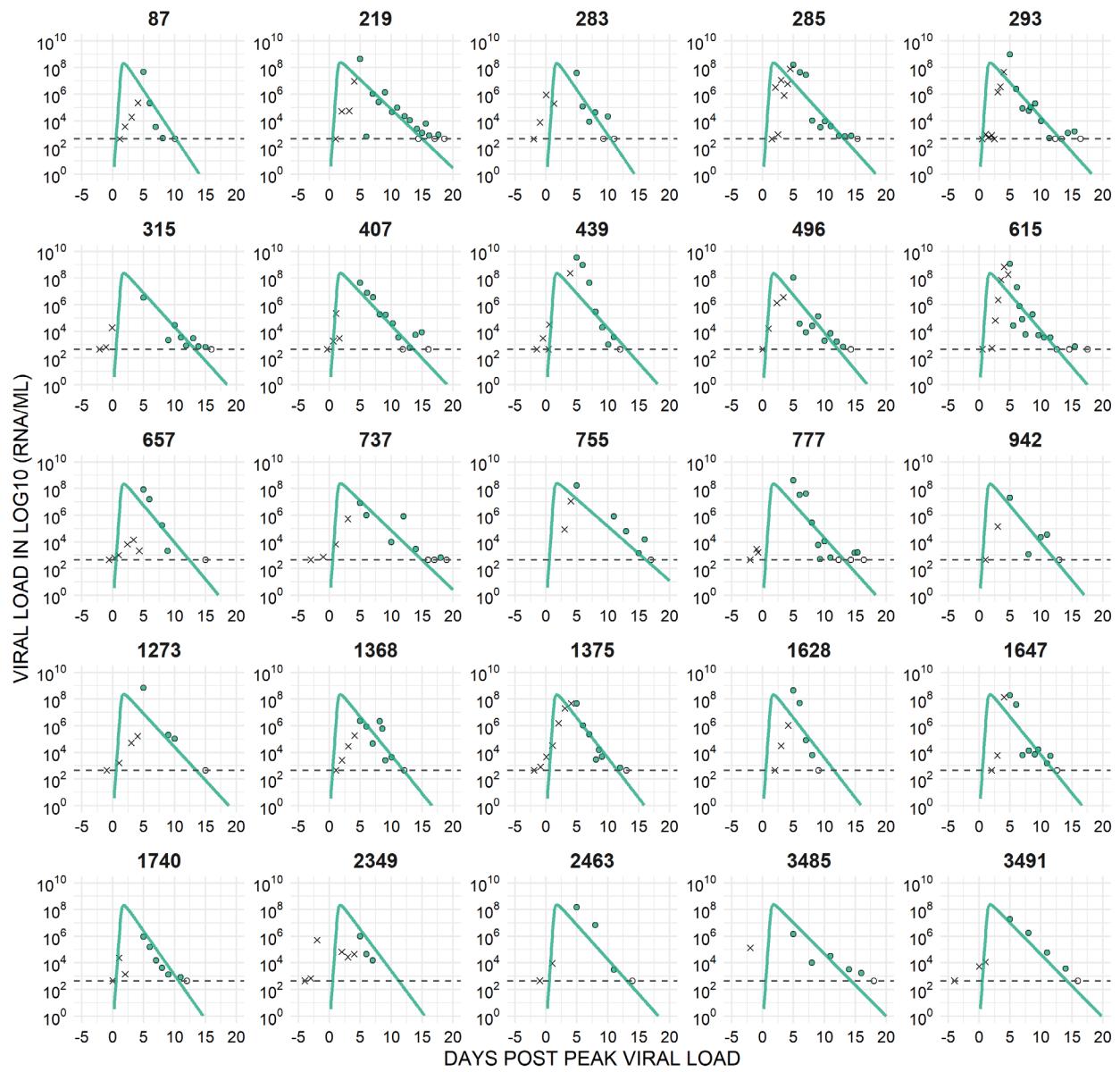
beta = 5.0e-06 and pi = 5



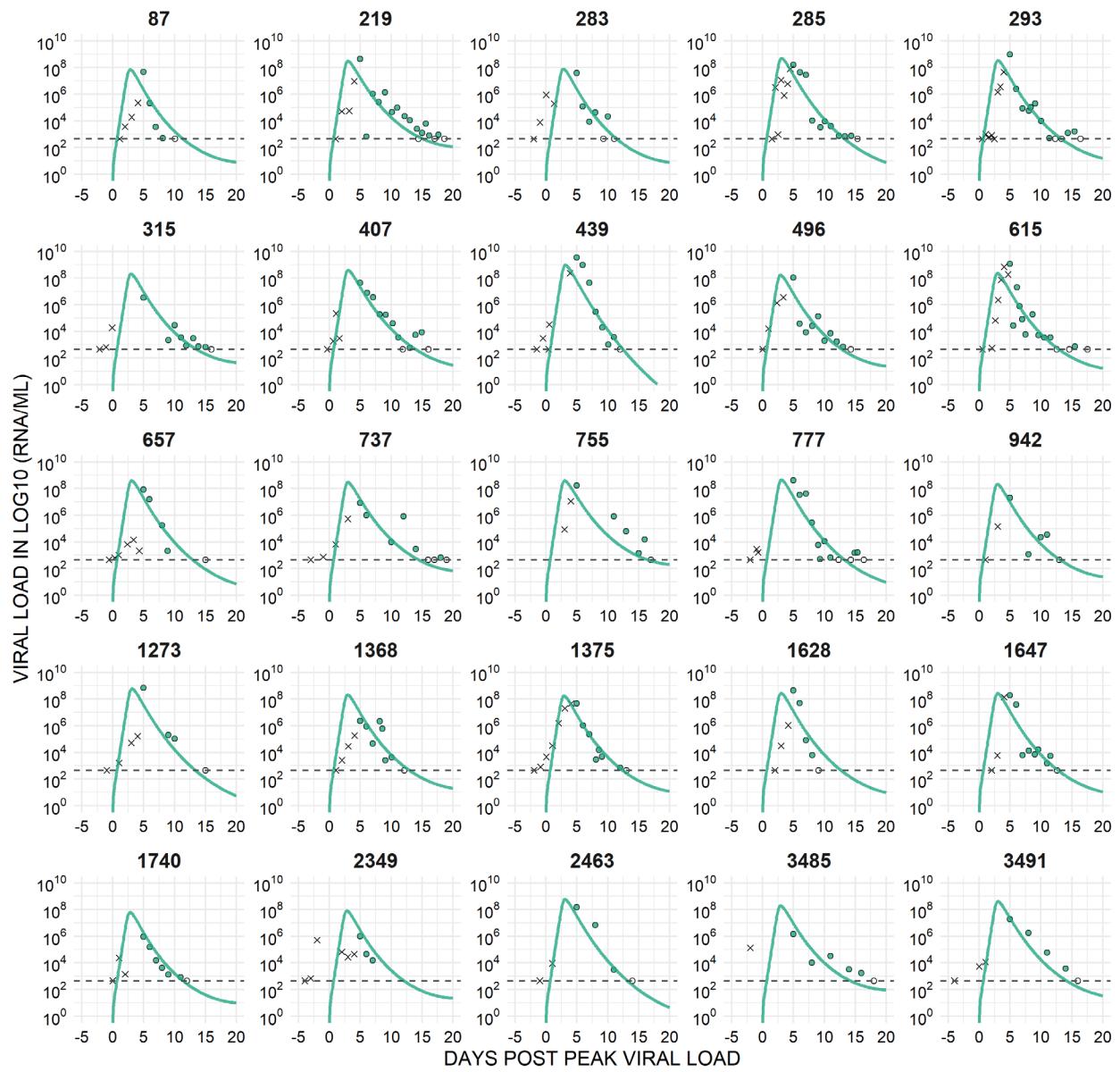
$\beta = 1.0e-07$  and  $\pi = 1500$



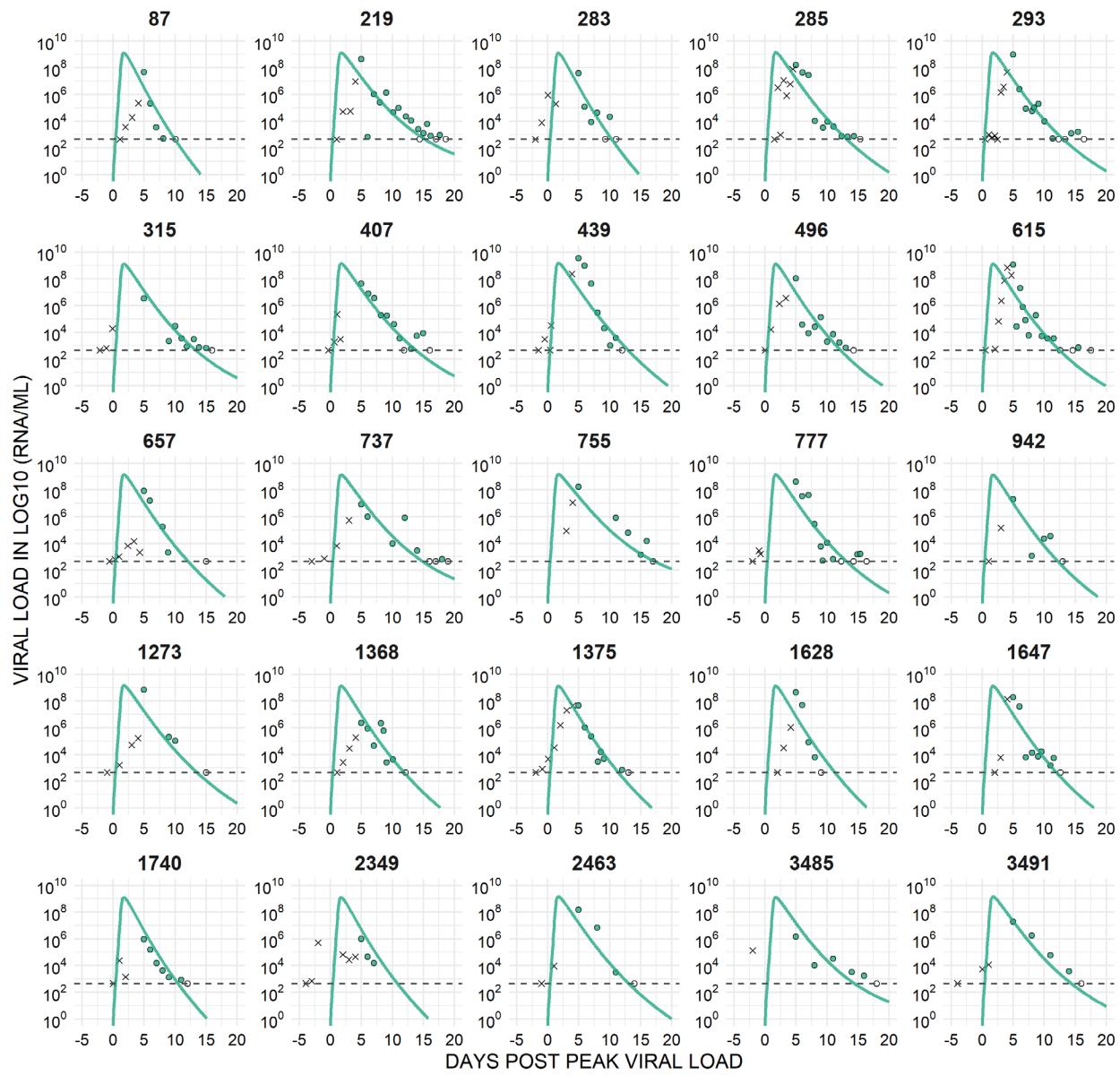
$\beta = 5.0 \times 10^{-7}$  and  $\pi = 50$



$\beta = 1.0e-08$  and  $\pi = 500$



beta = 5.0e-08 and pi = 500



$\beta = 1.0e-09$  and  $\pi = 3000$

