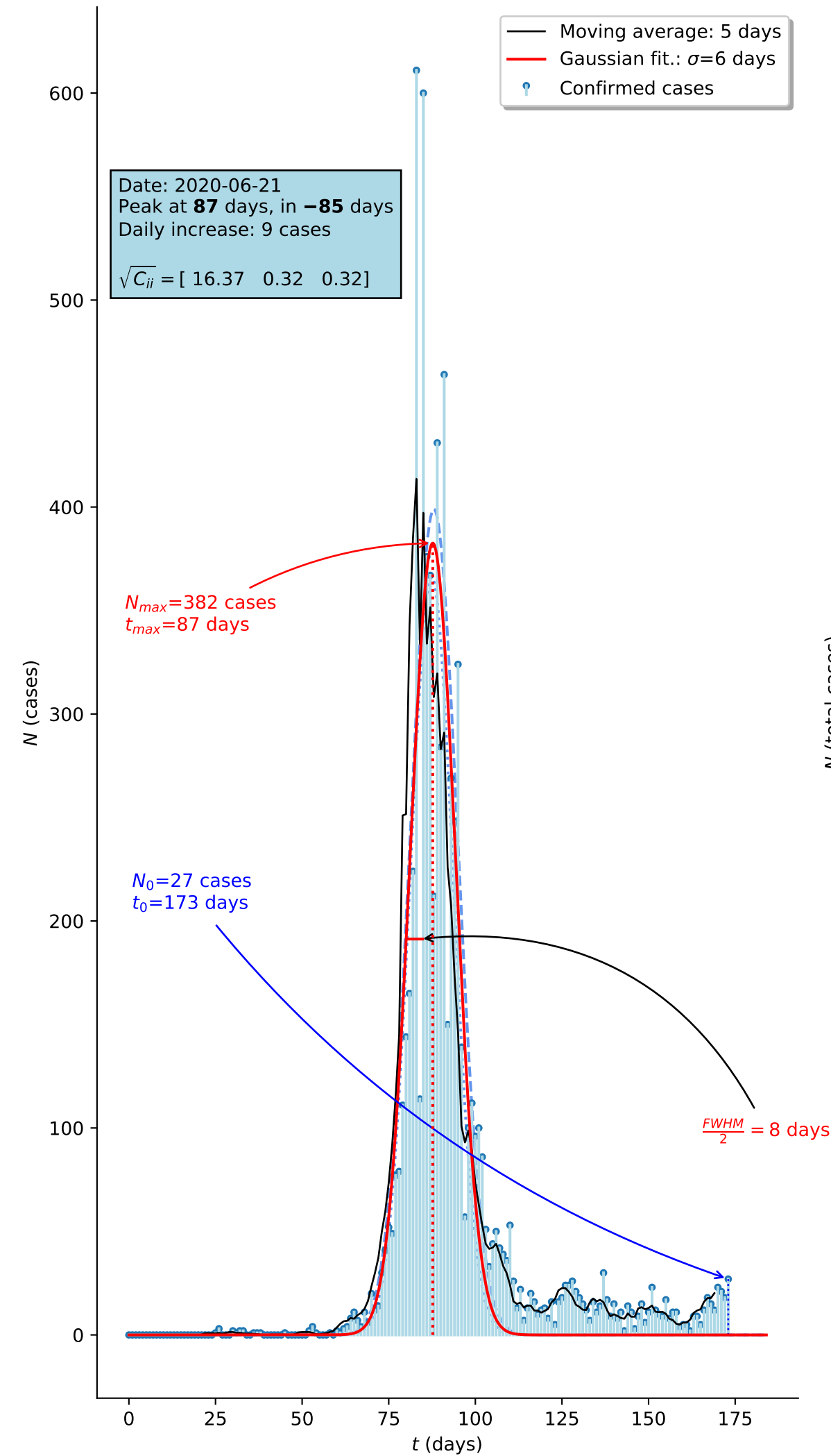
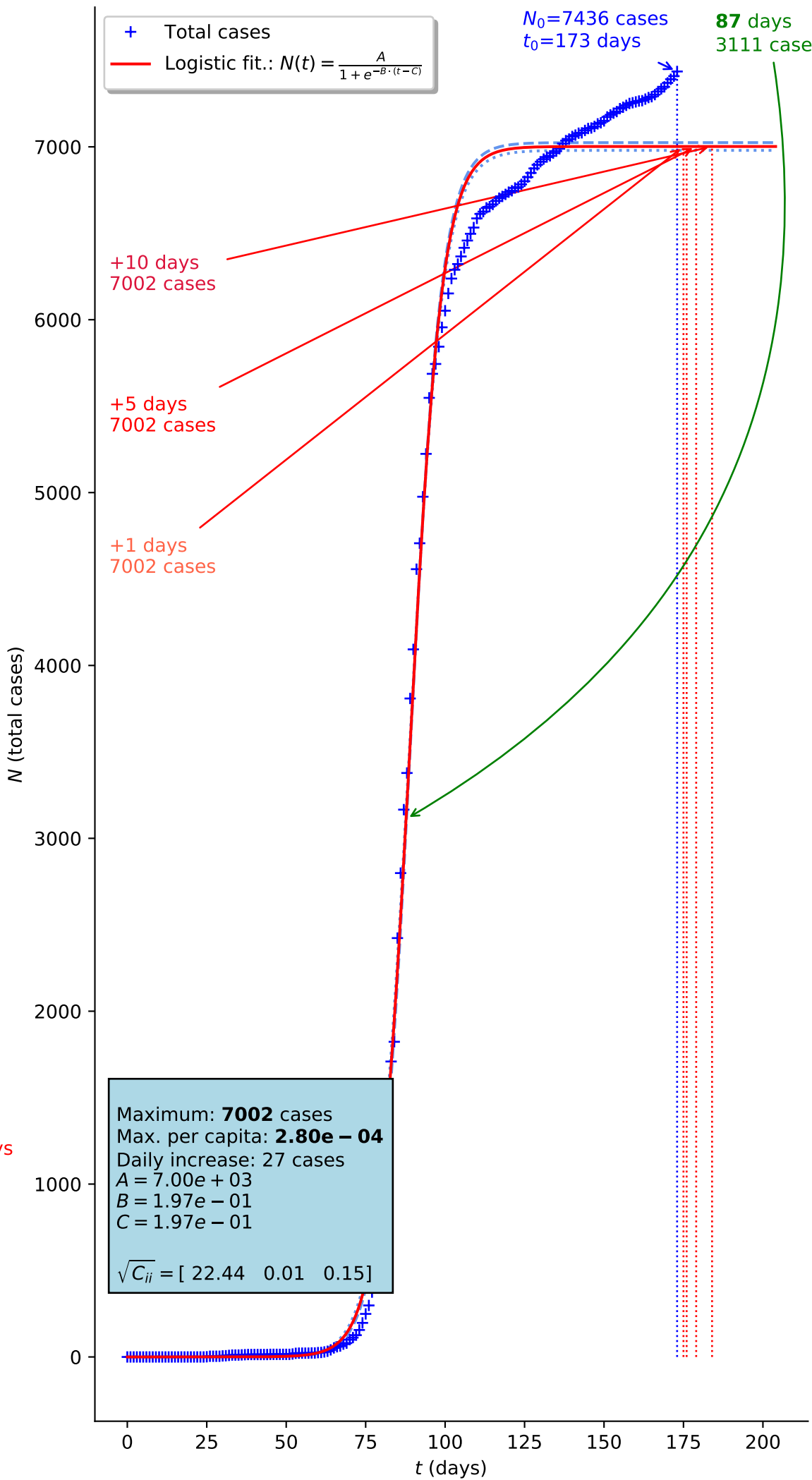


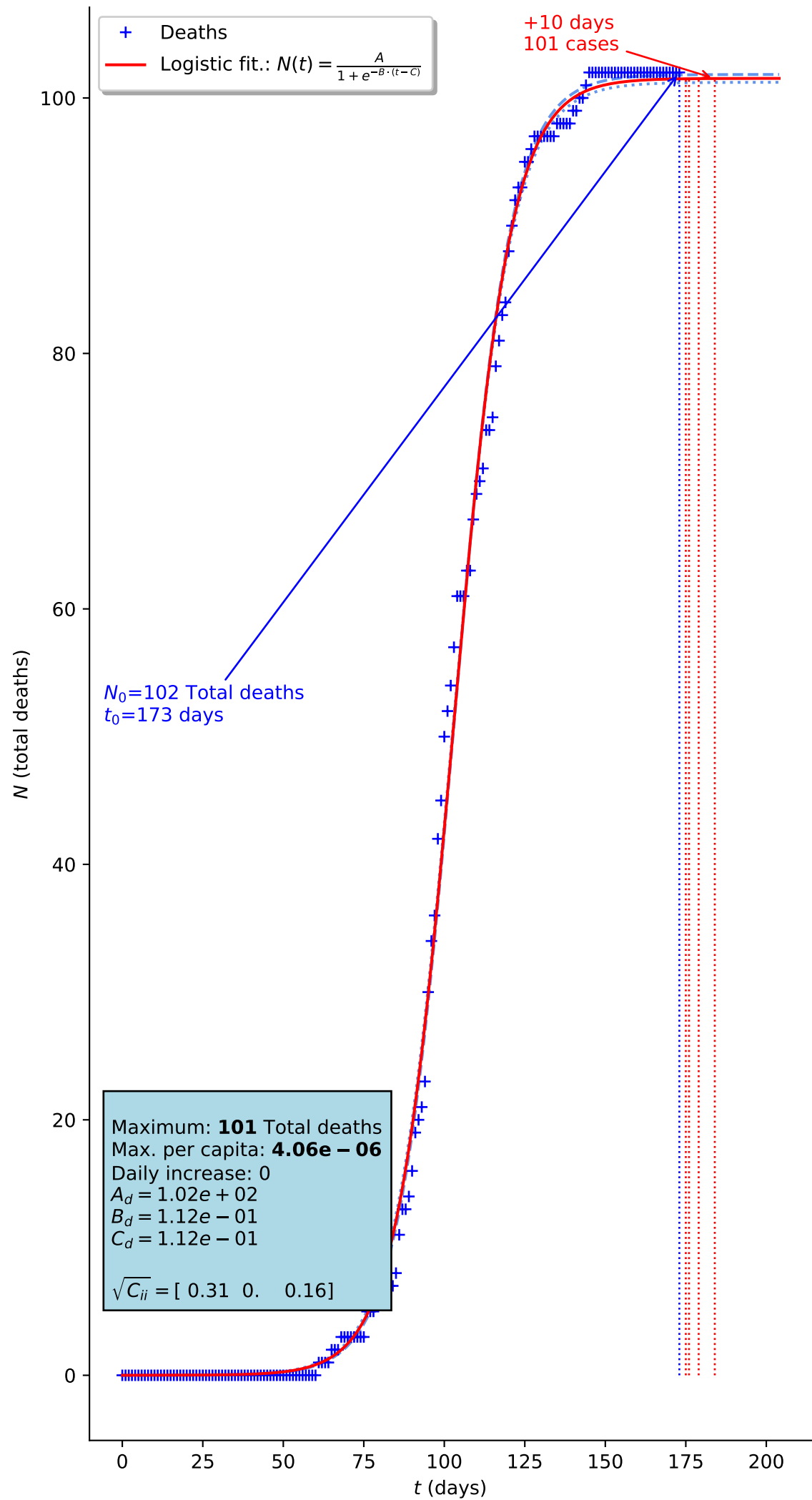
Australia - Confirmed cases  $N(t)$  - Population: 24 982 688 people



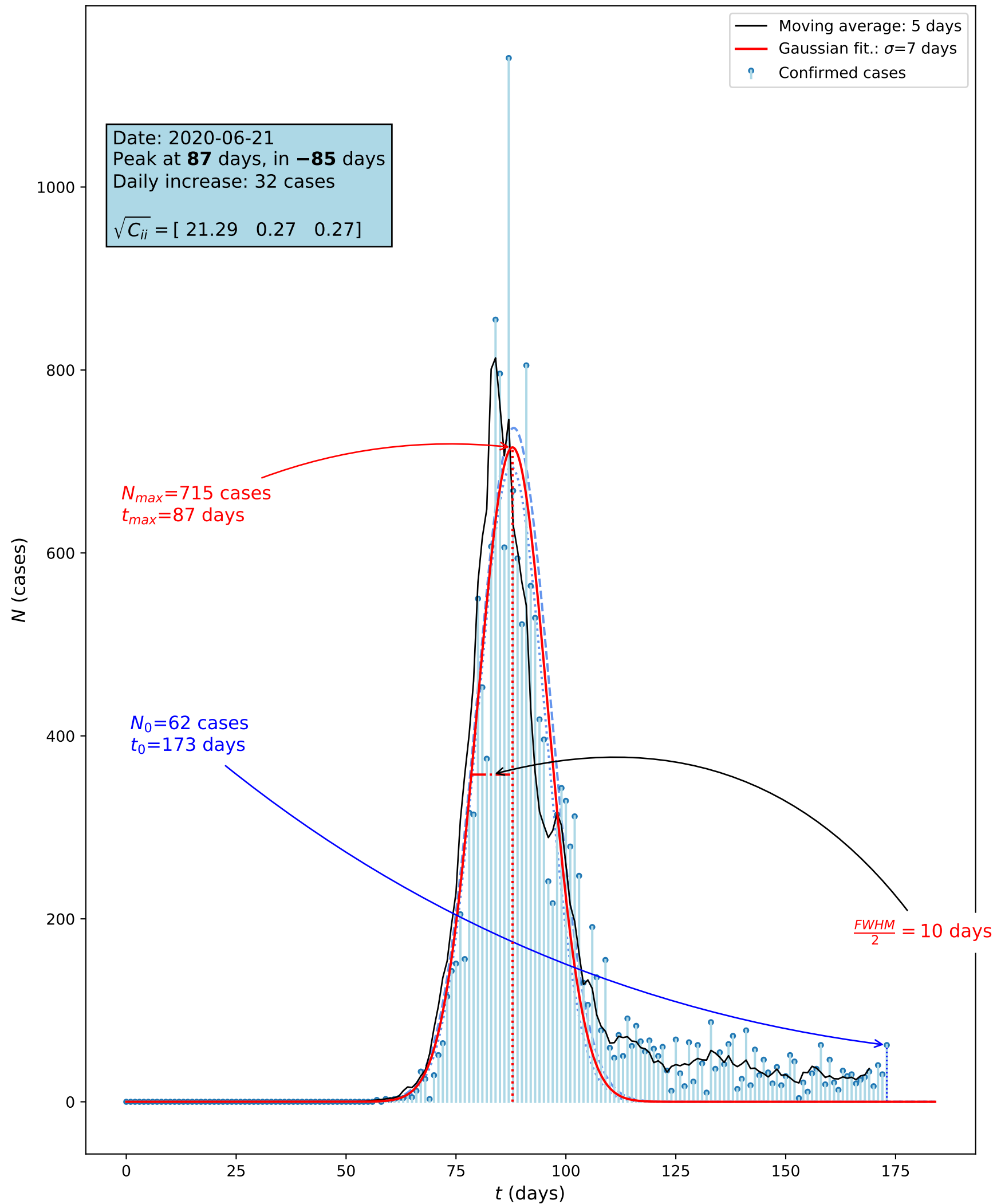
Australia - Total confirmed cases  $N(t)$



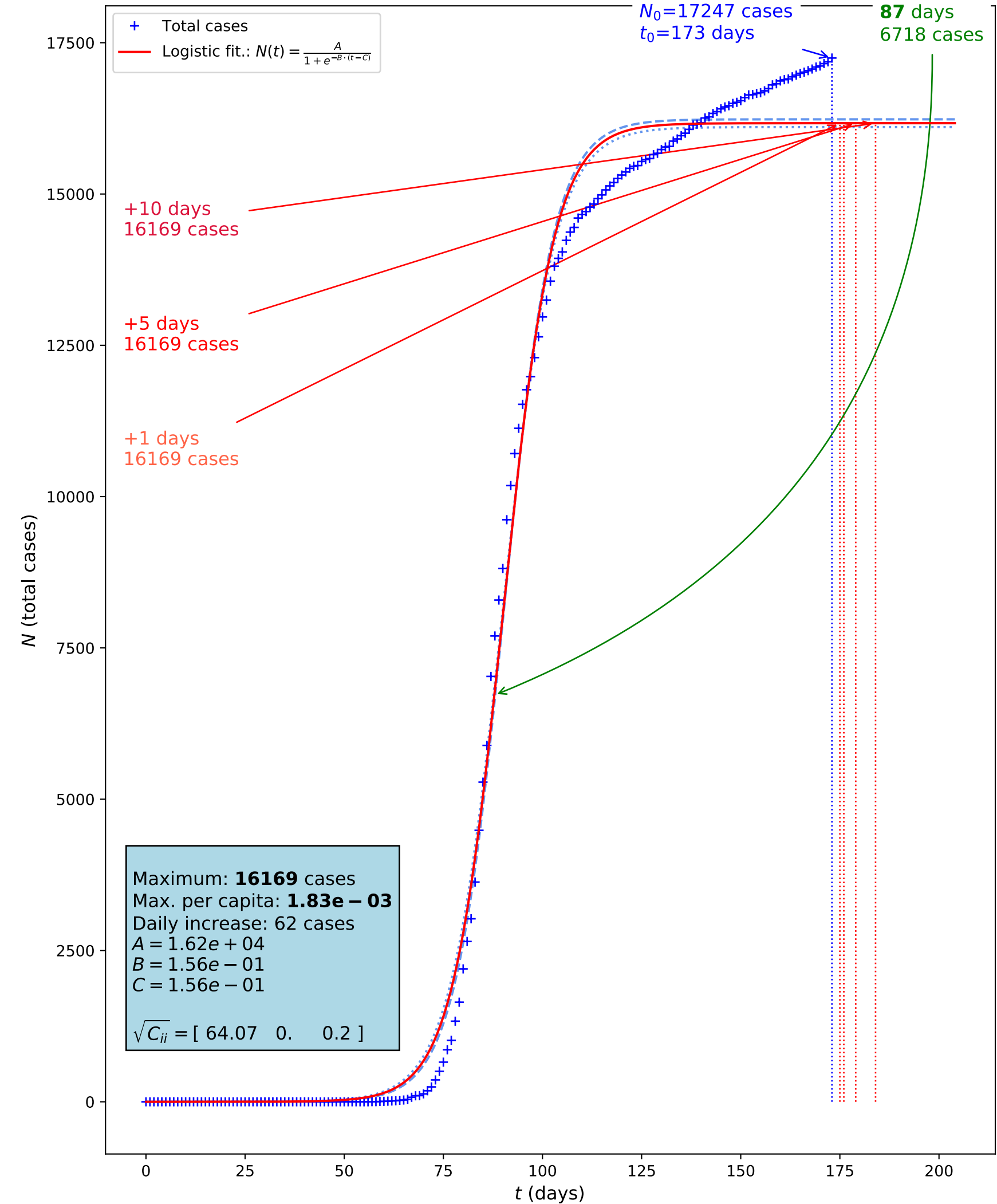
Australia - Total deaths  $N(t)$



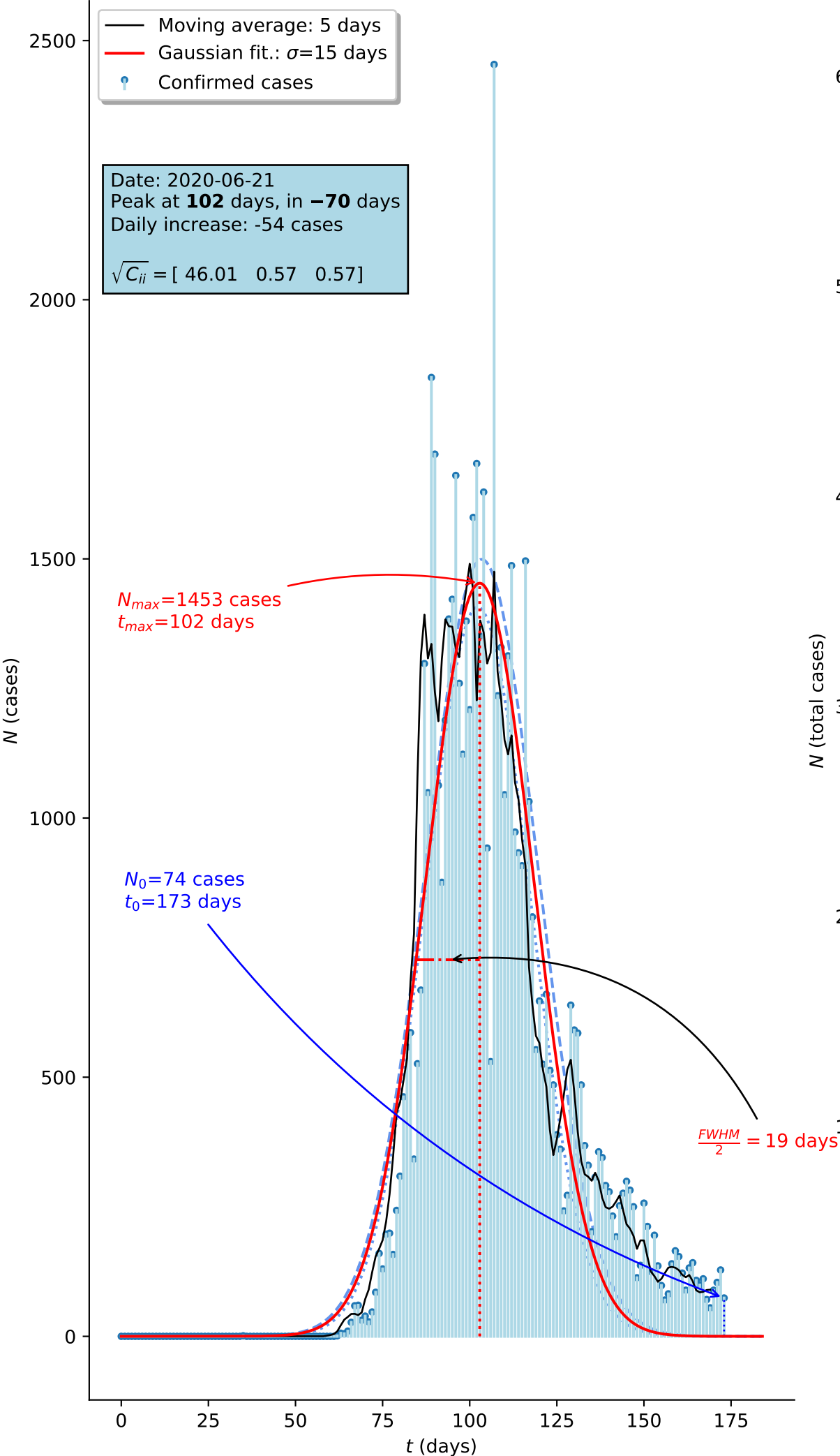
Austria - Confirmed cases  $N(t)$  - Population: 8 840 521 people



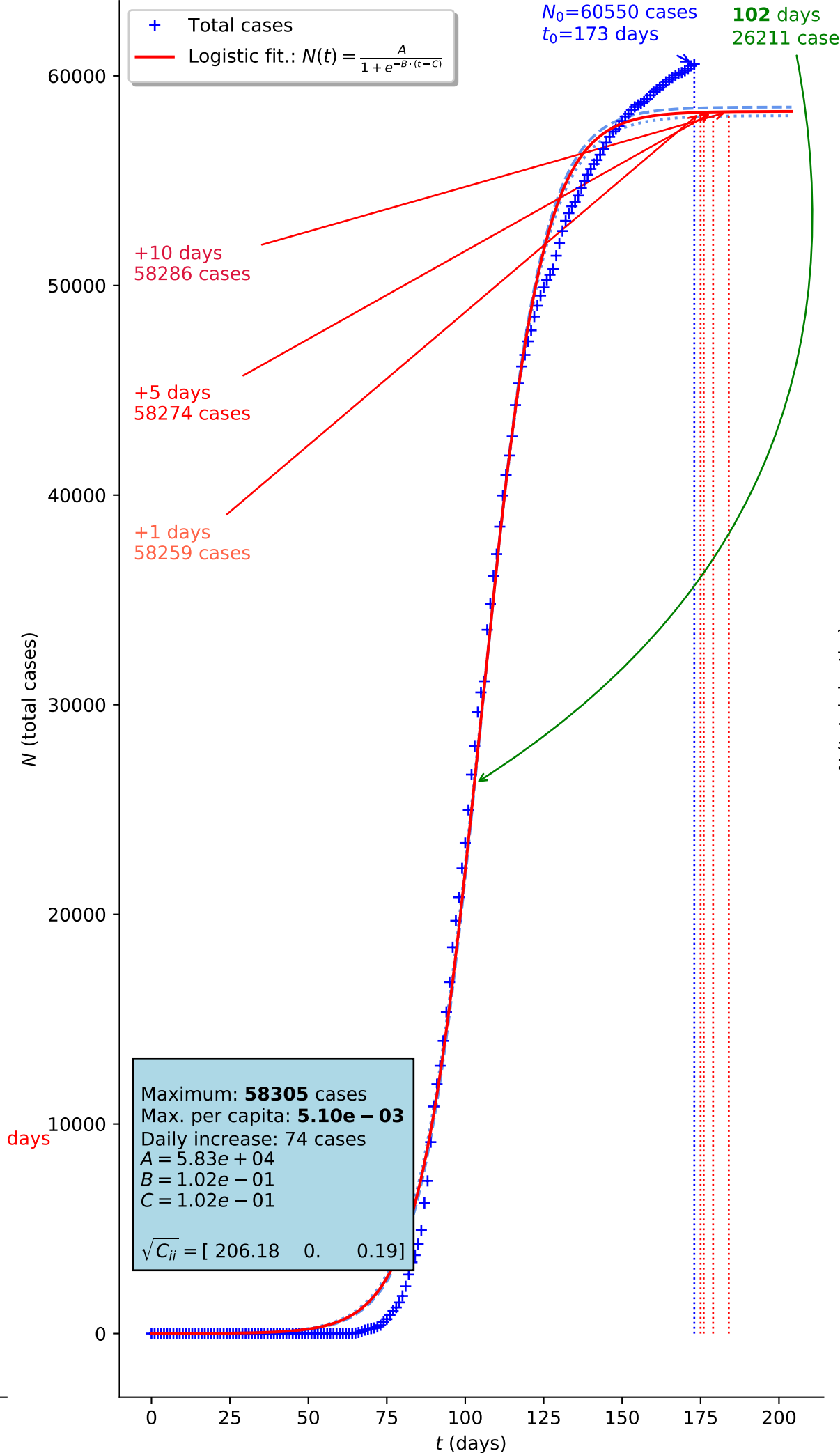
Austria - Total confirmed cases  $N(t)$



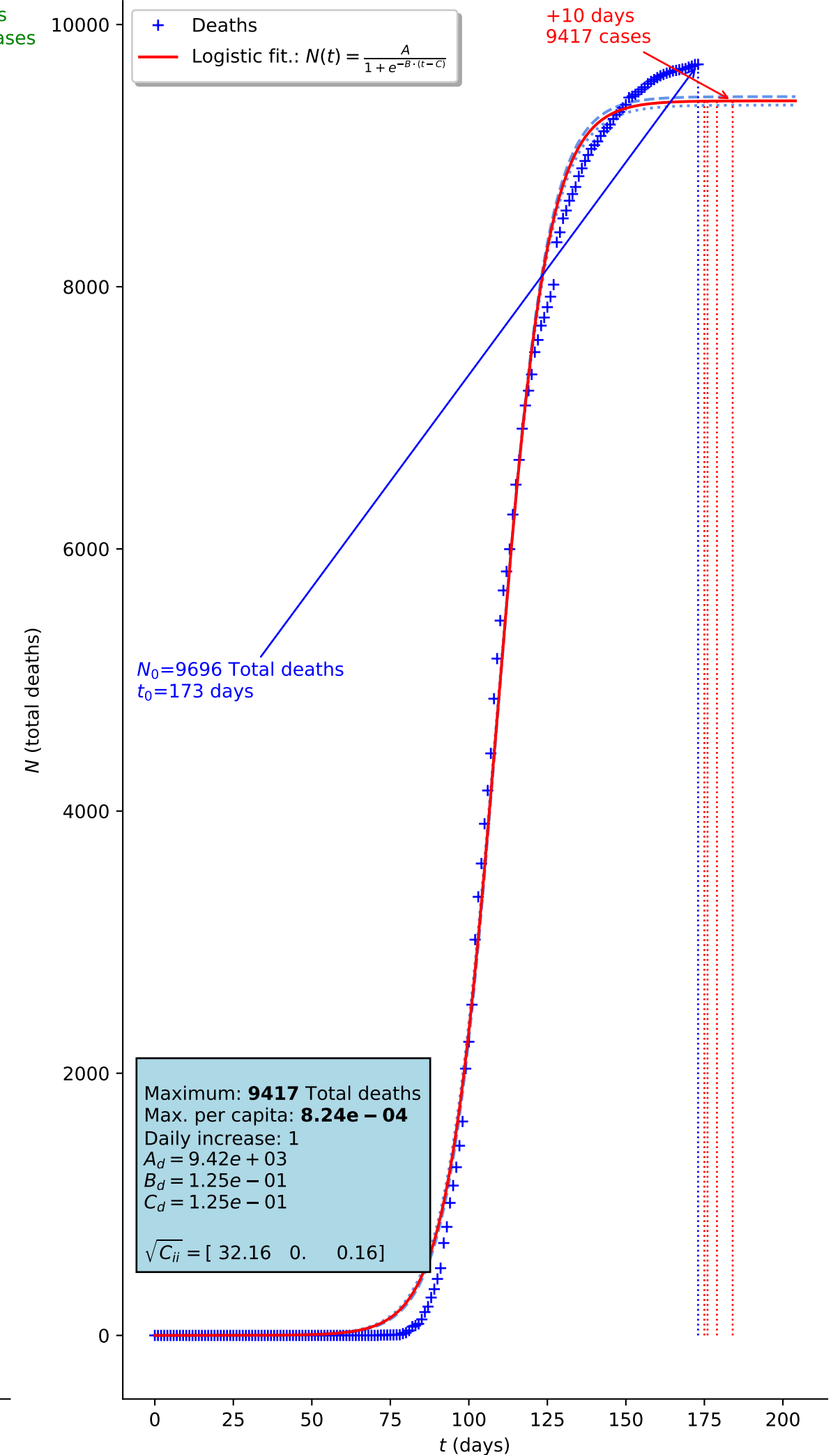
Belgium - Confirmed cases  $N(t)$  - Population: 11 433 256 people



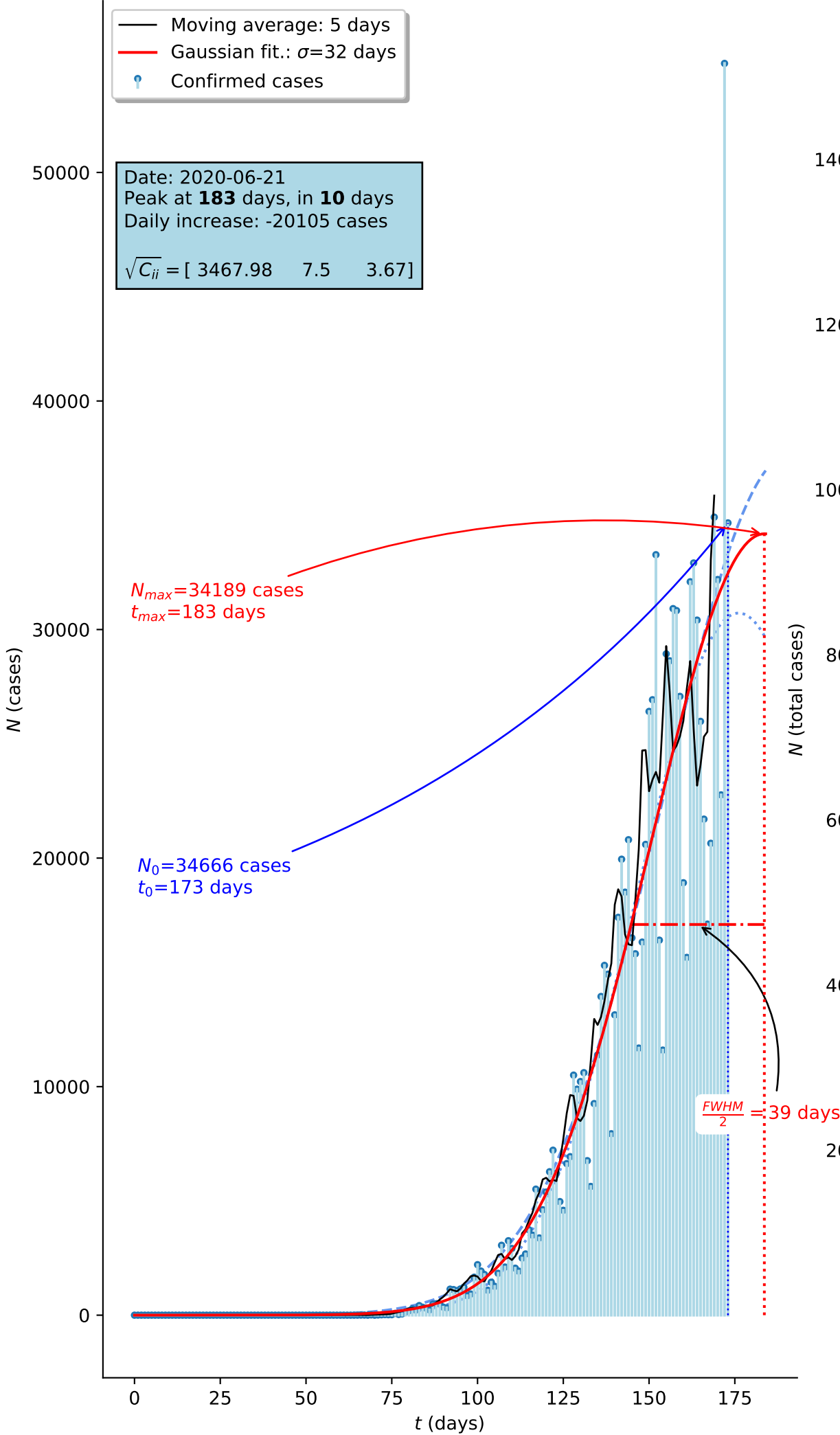
Belgium - Total confirmed cases  $N(t)$



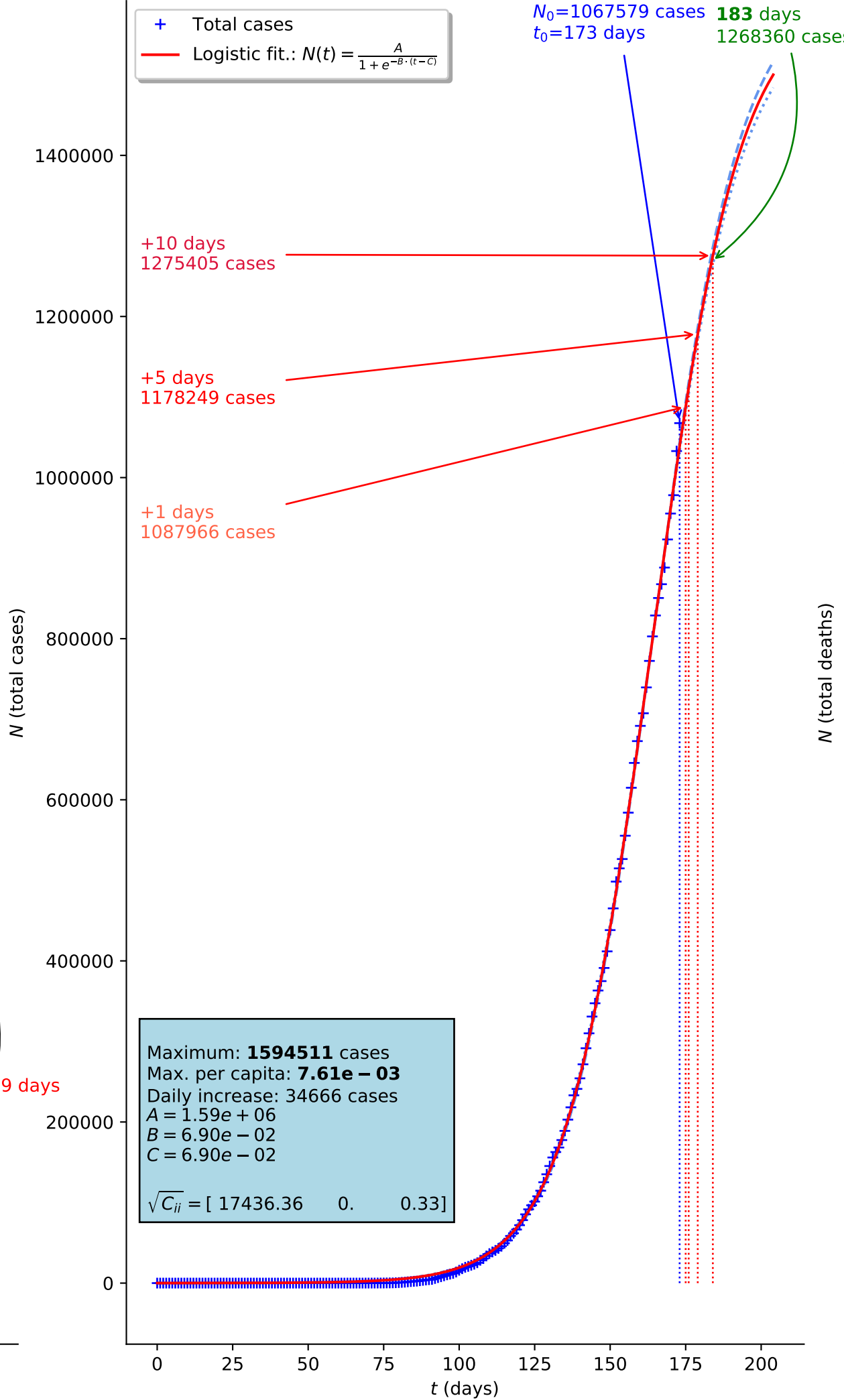
Belgium - Total deaths  $N(t)$



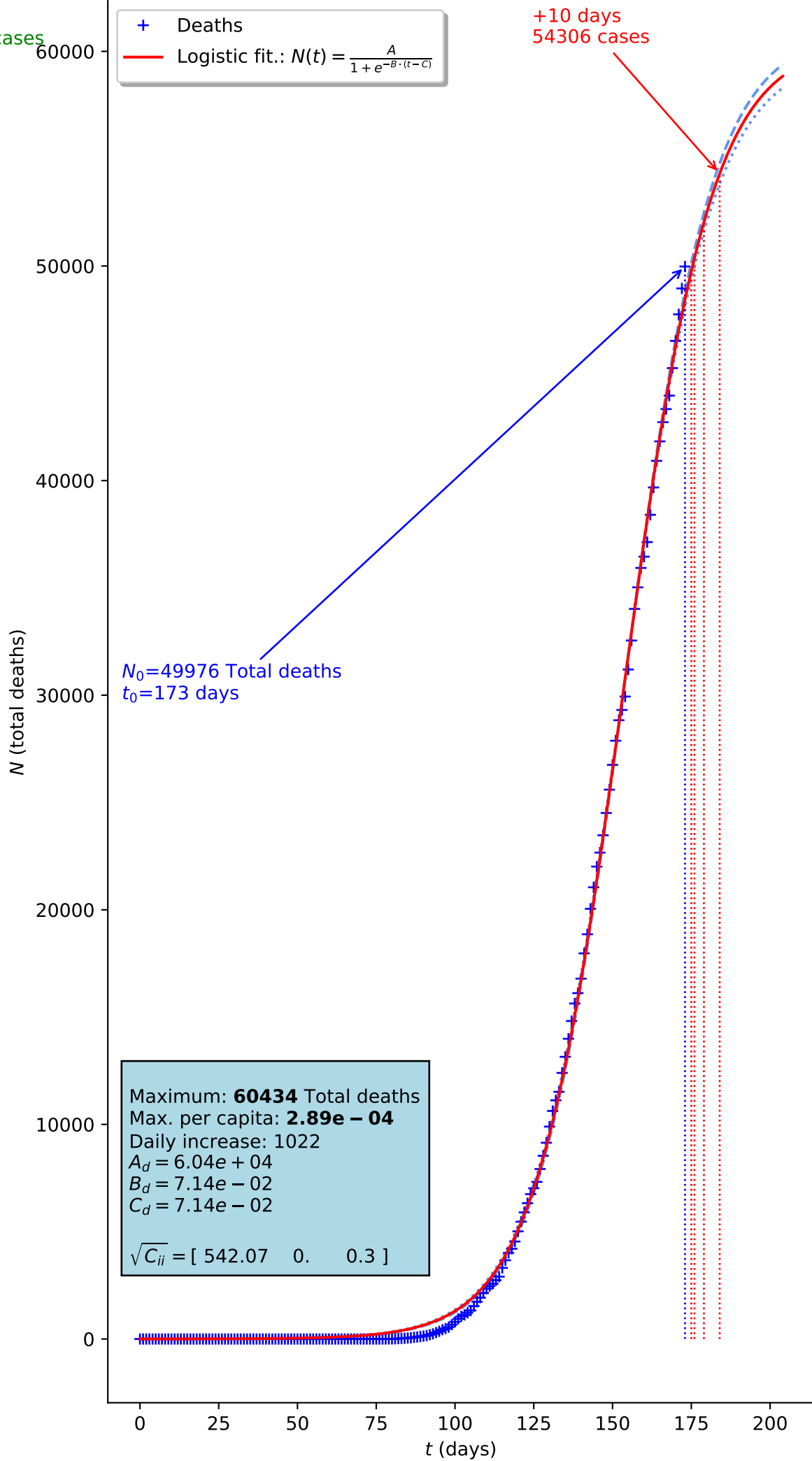
Brazil - Confirmed cases  $N(t)$  - Population: 209 469 333 people

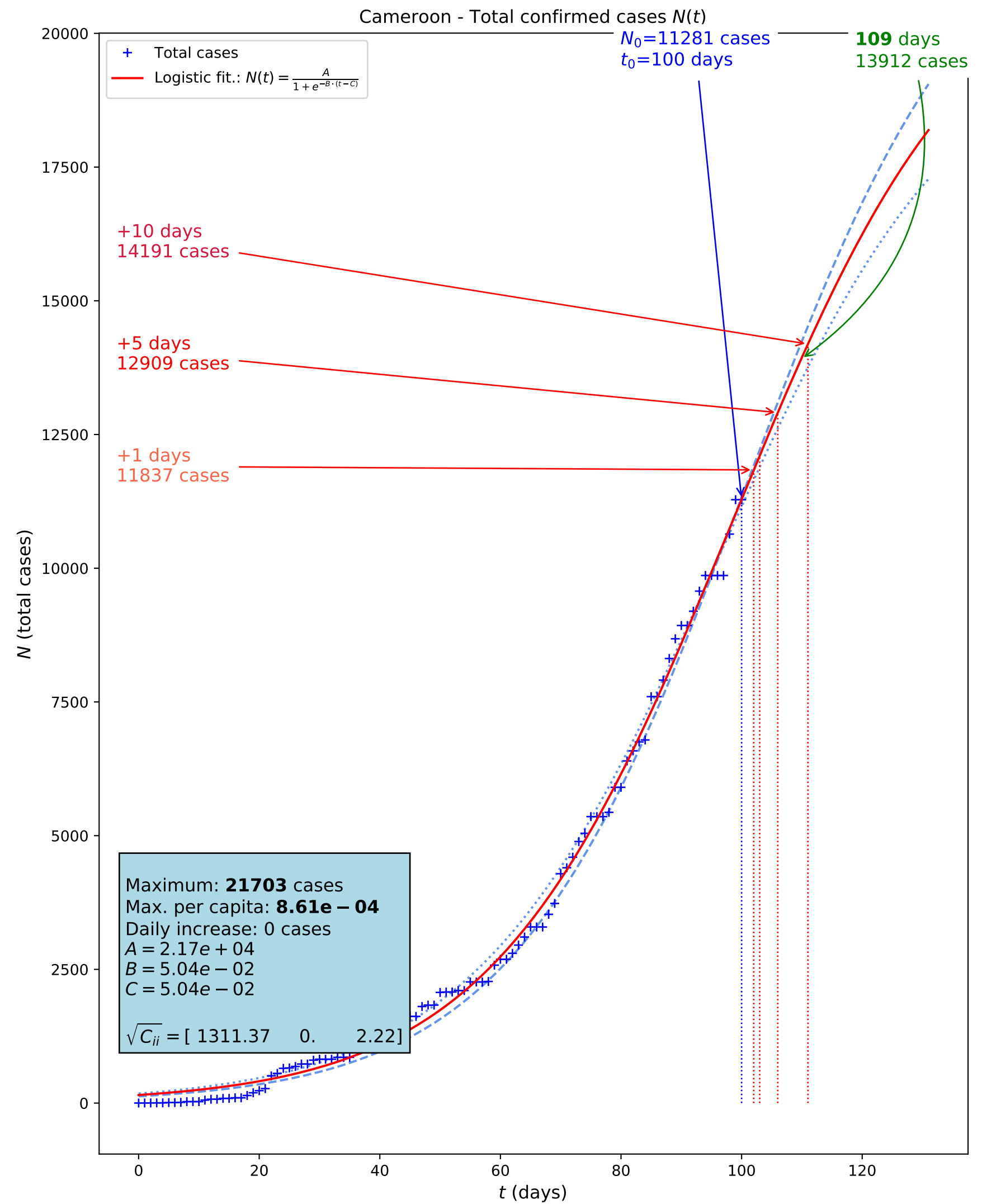
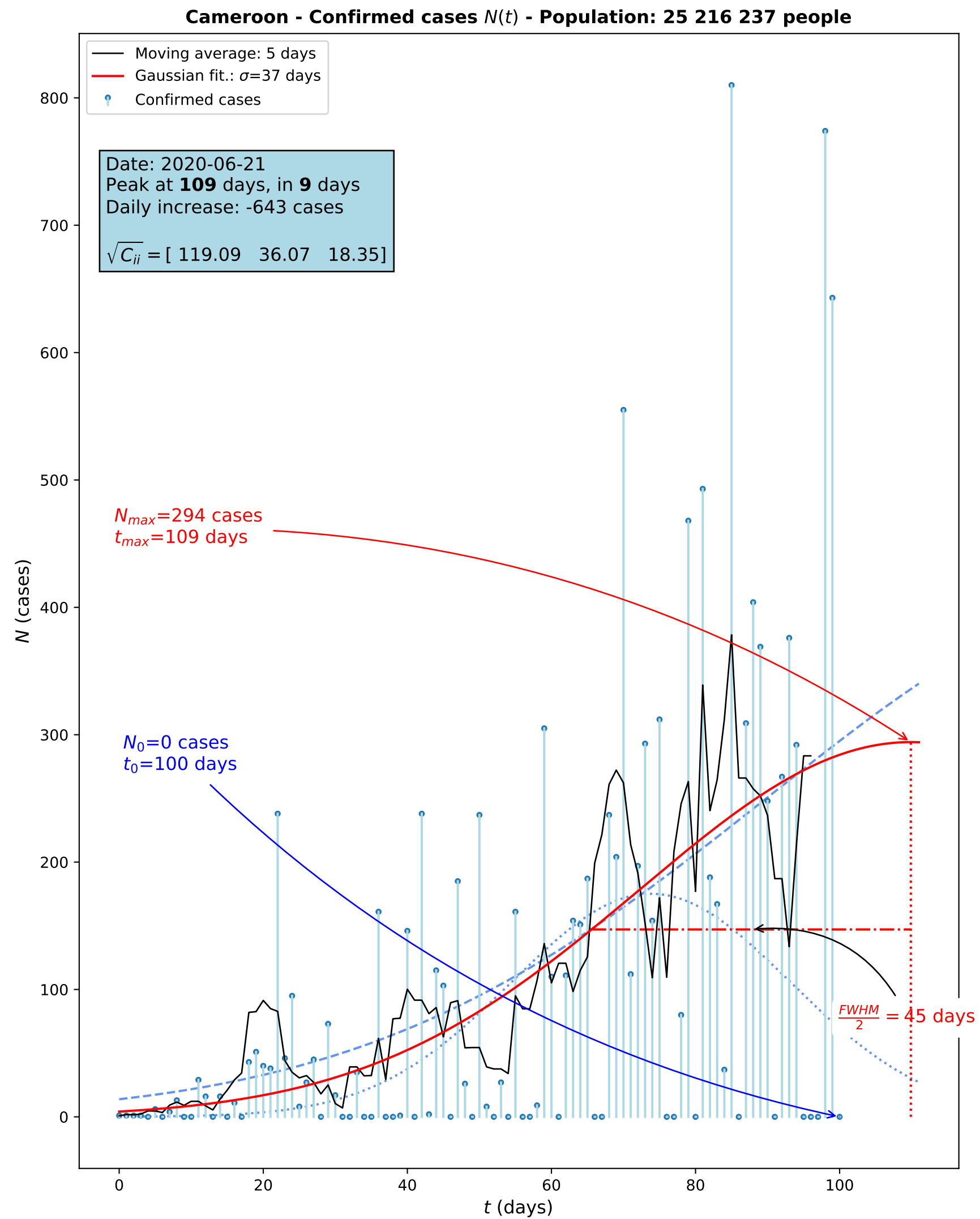


Brazil - Total confirmed cases  $N(t)$

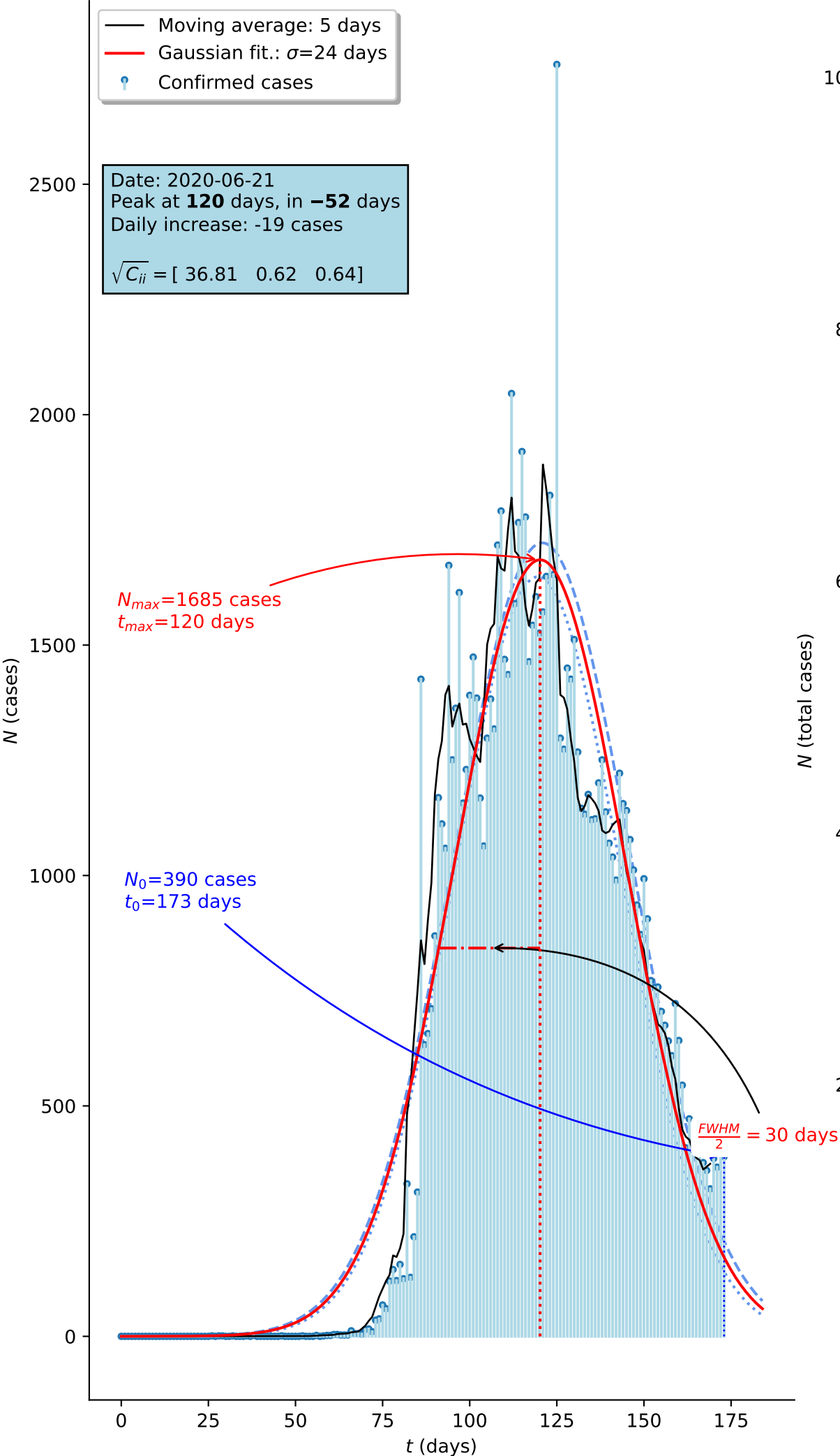


Brazil - Total deaths  $N(t)$

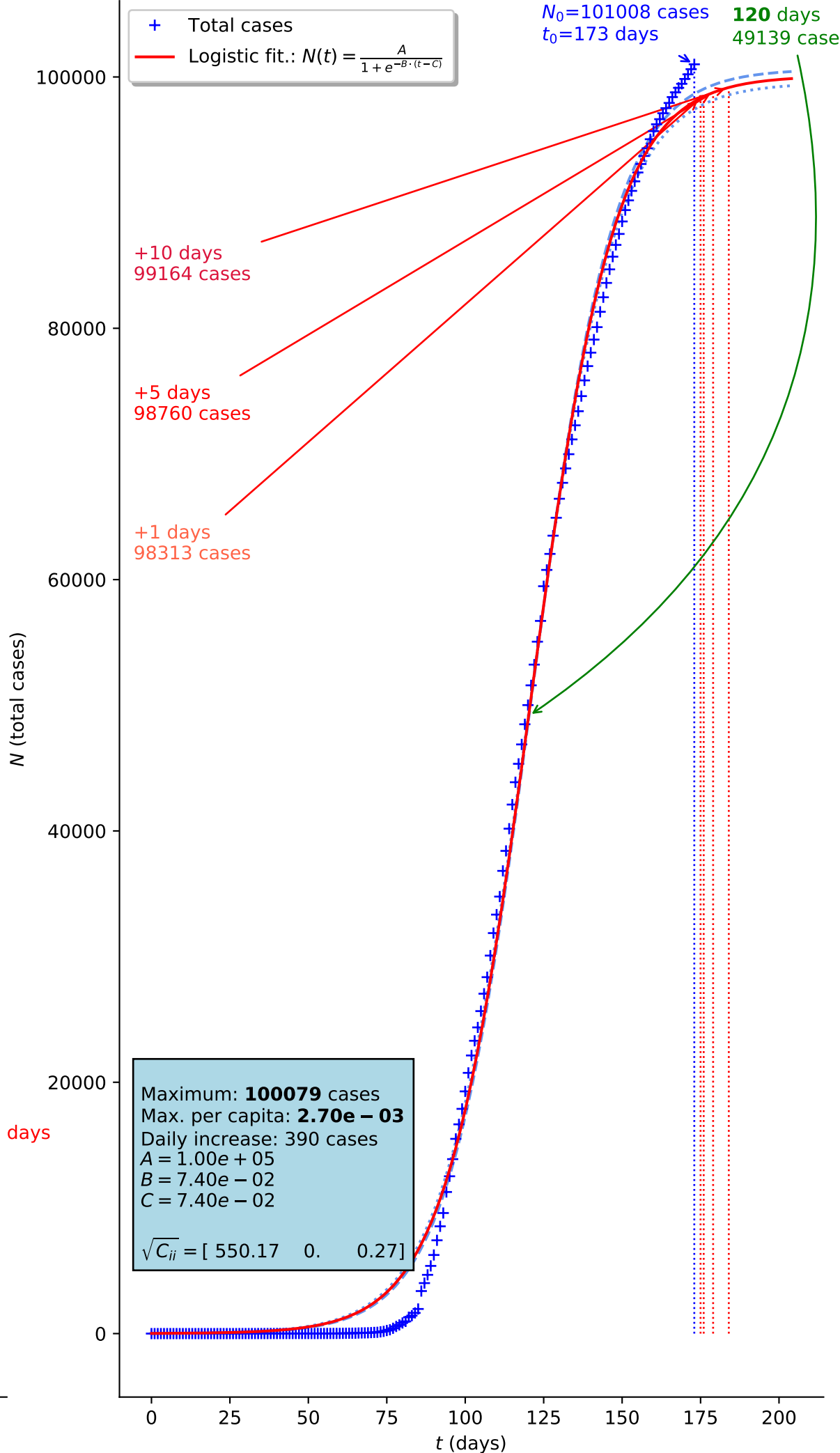




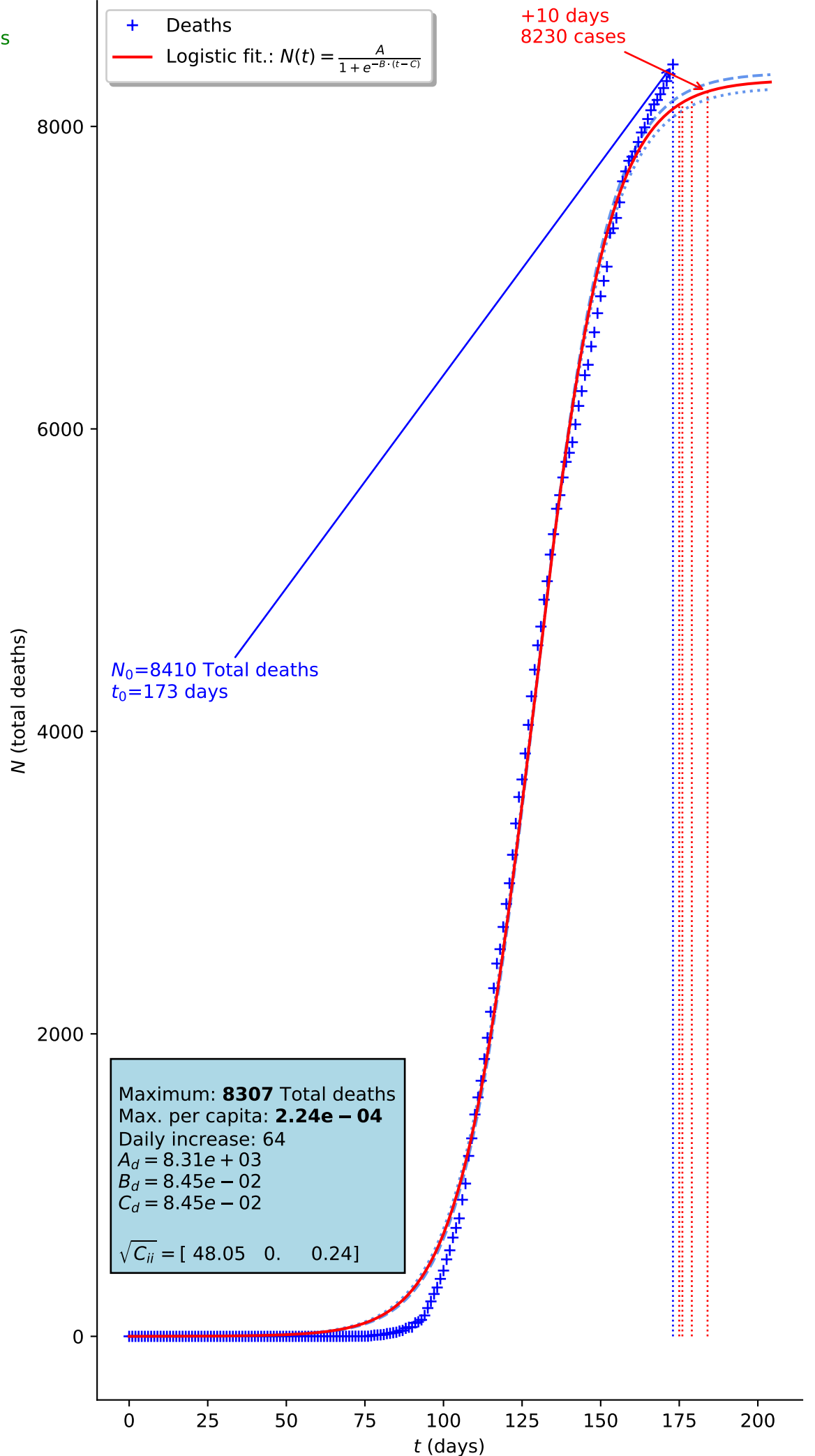
Canada - Confirmed cases  $N(t)$  - Population: 37 057 765 people



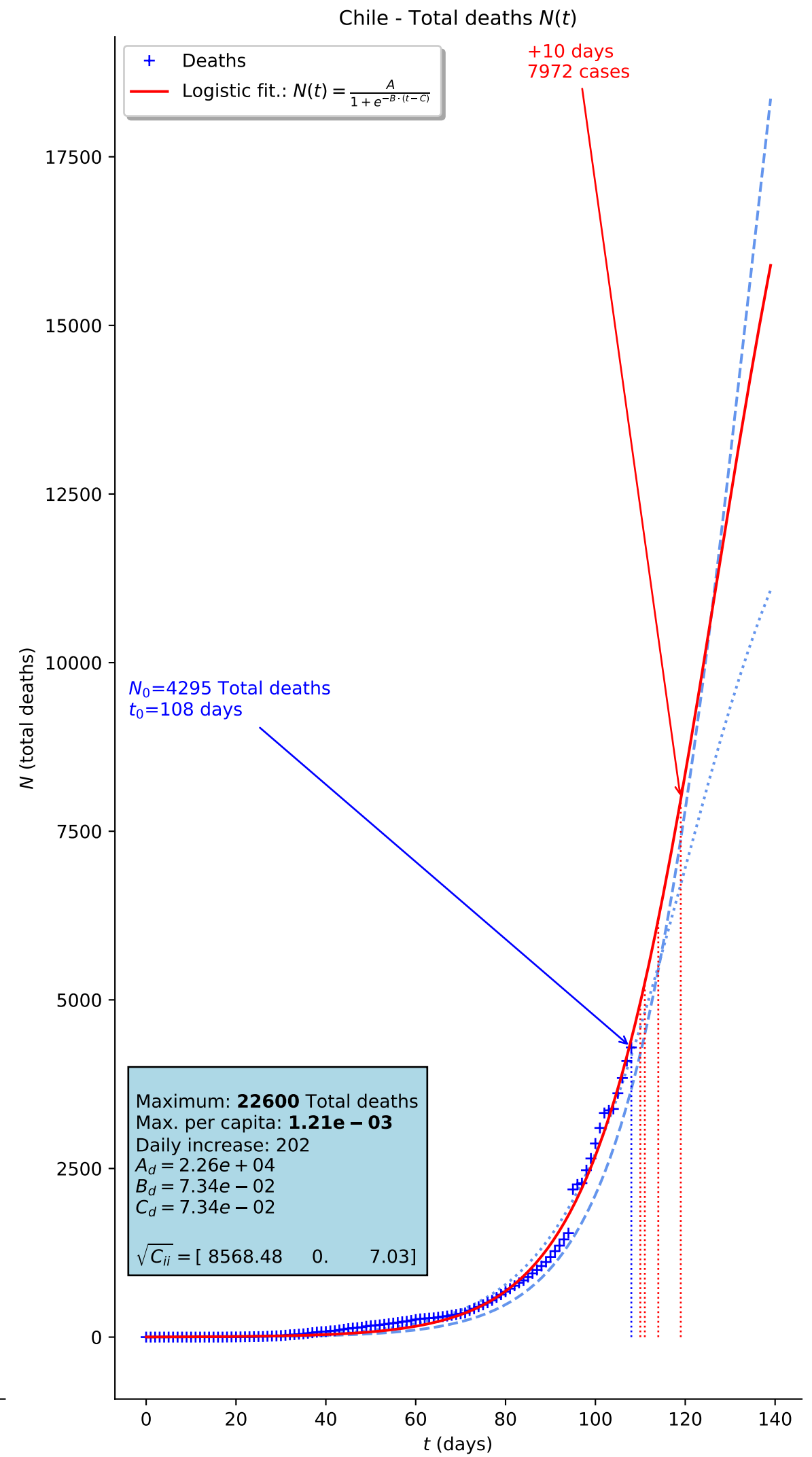
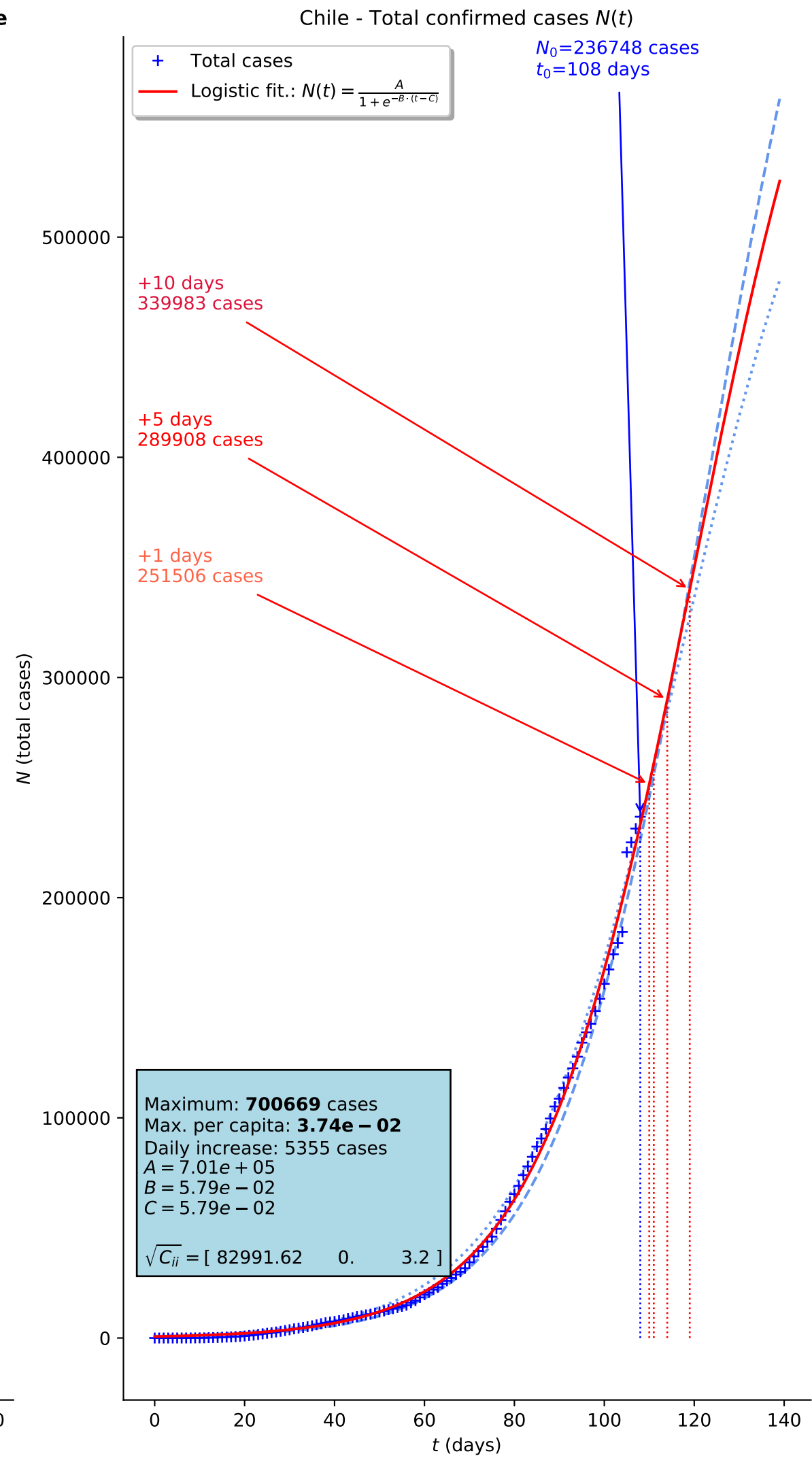
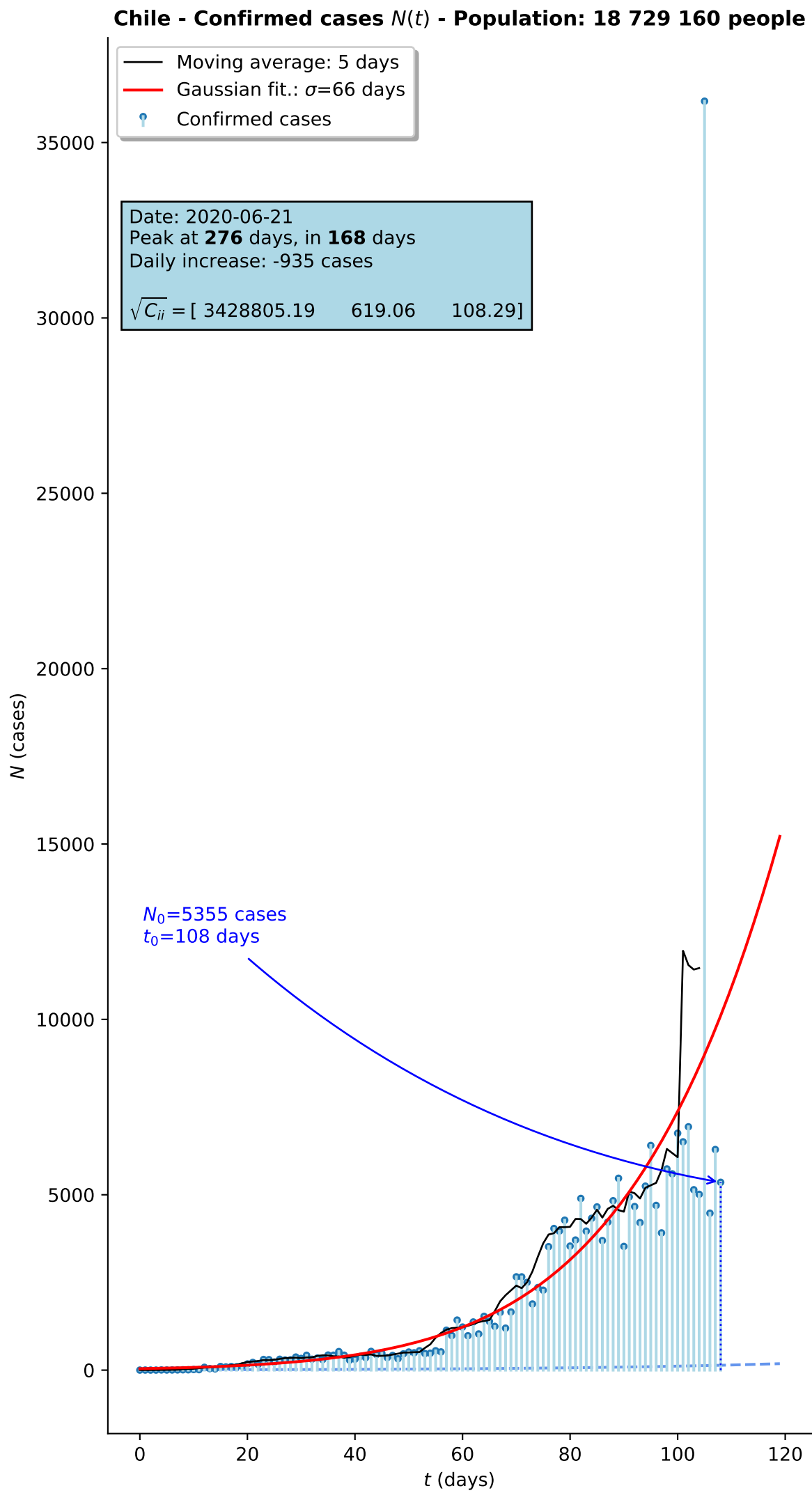
Canada - Total confirmed cases  $N(t)$



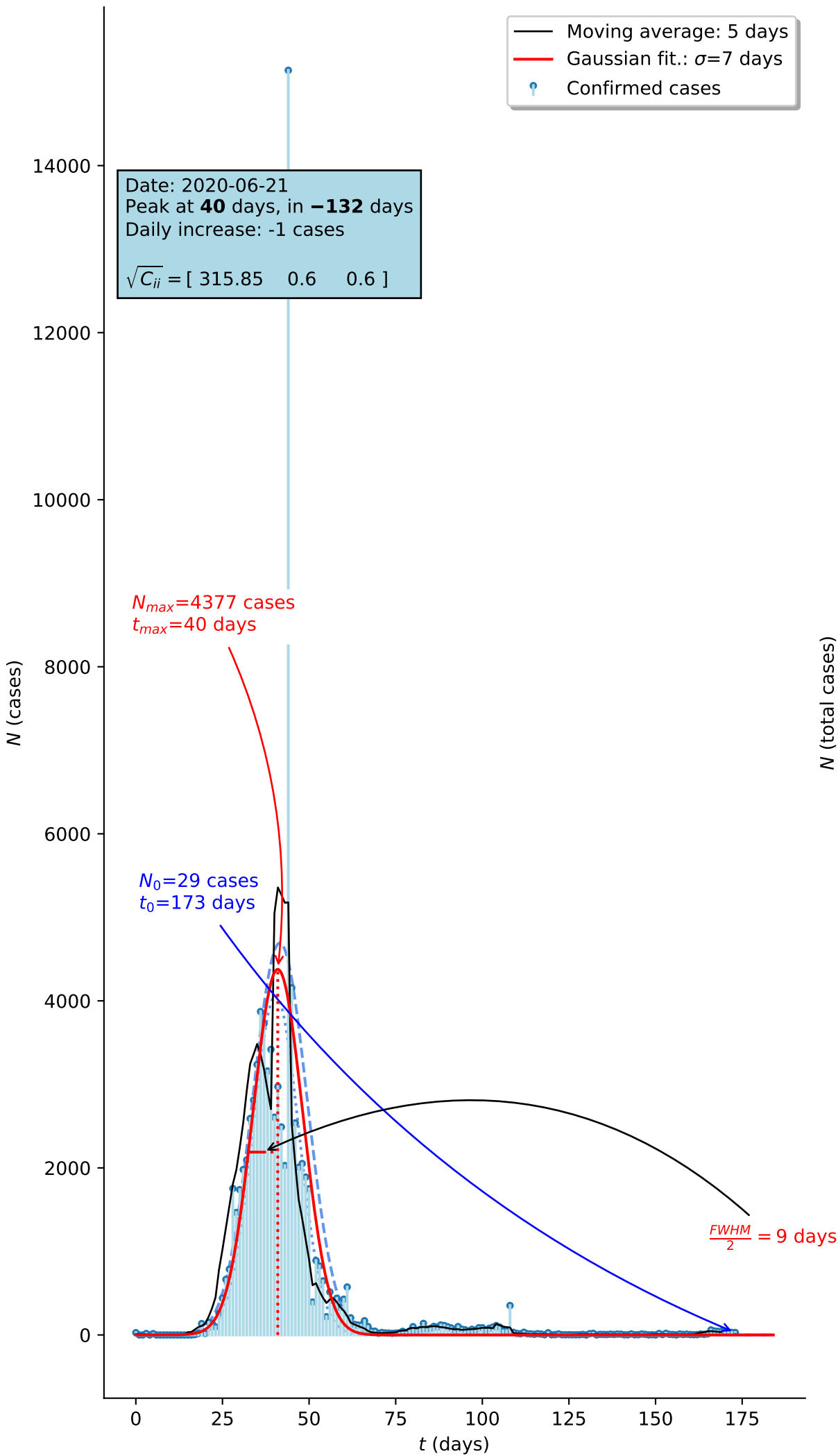
Canada - Total deaths  $N(t)$



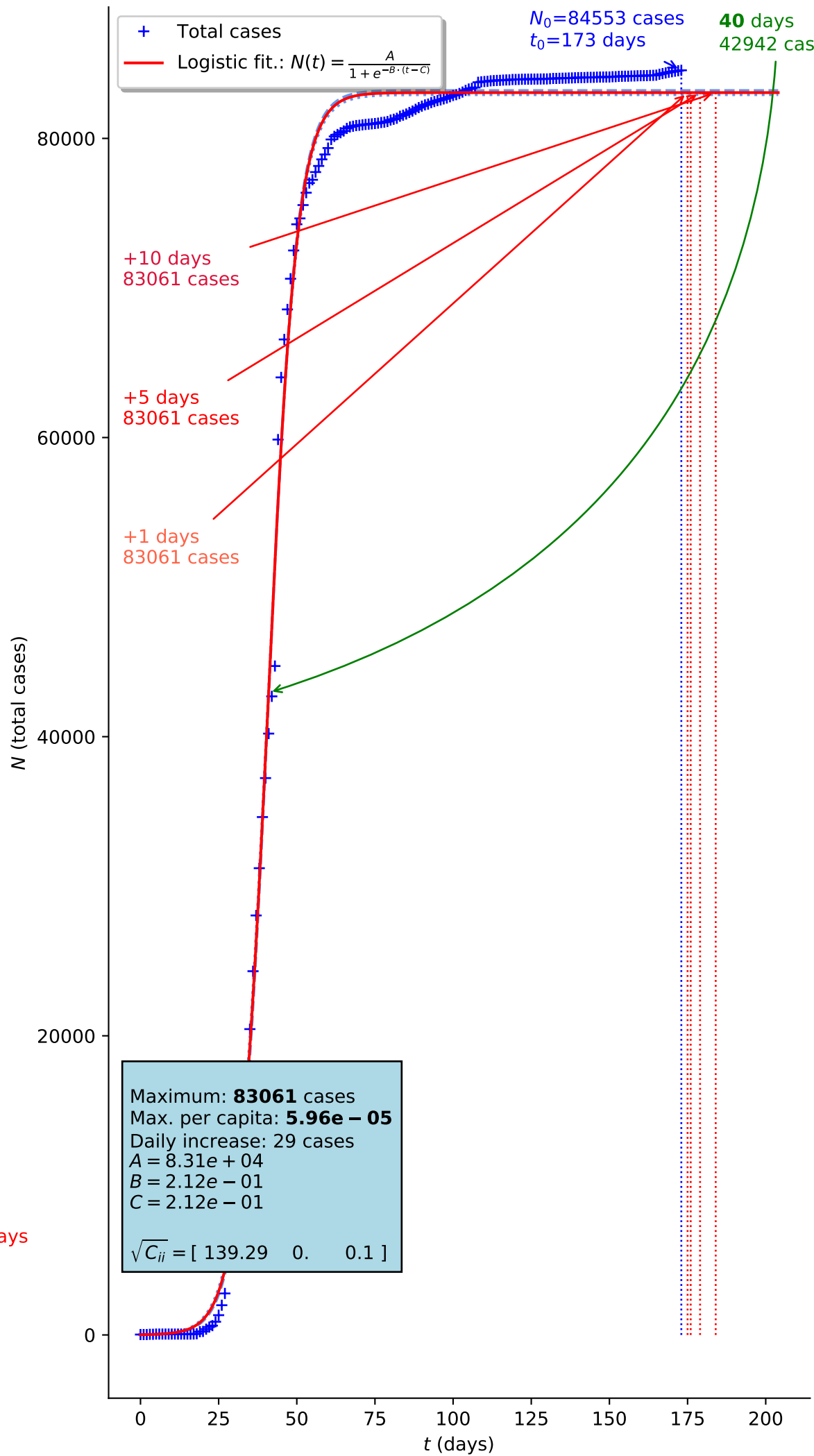




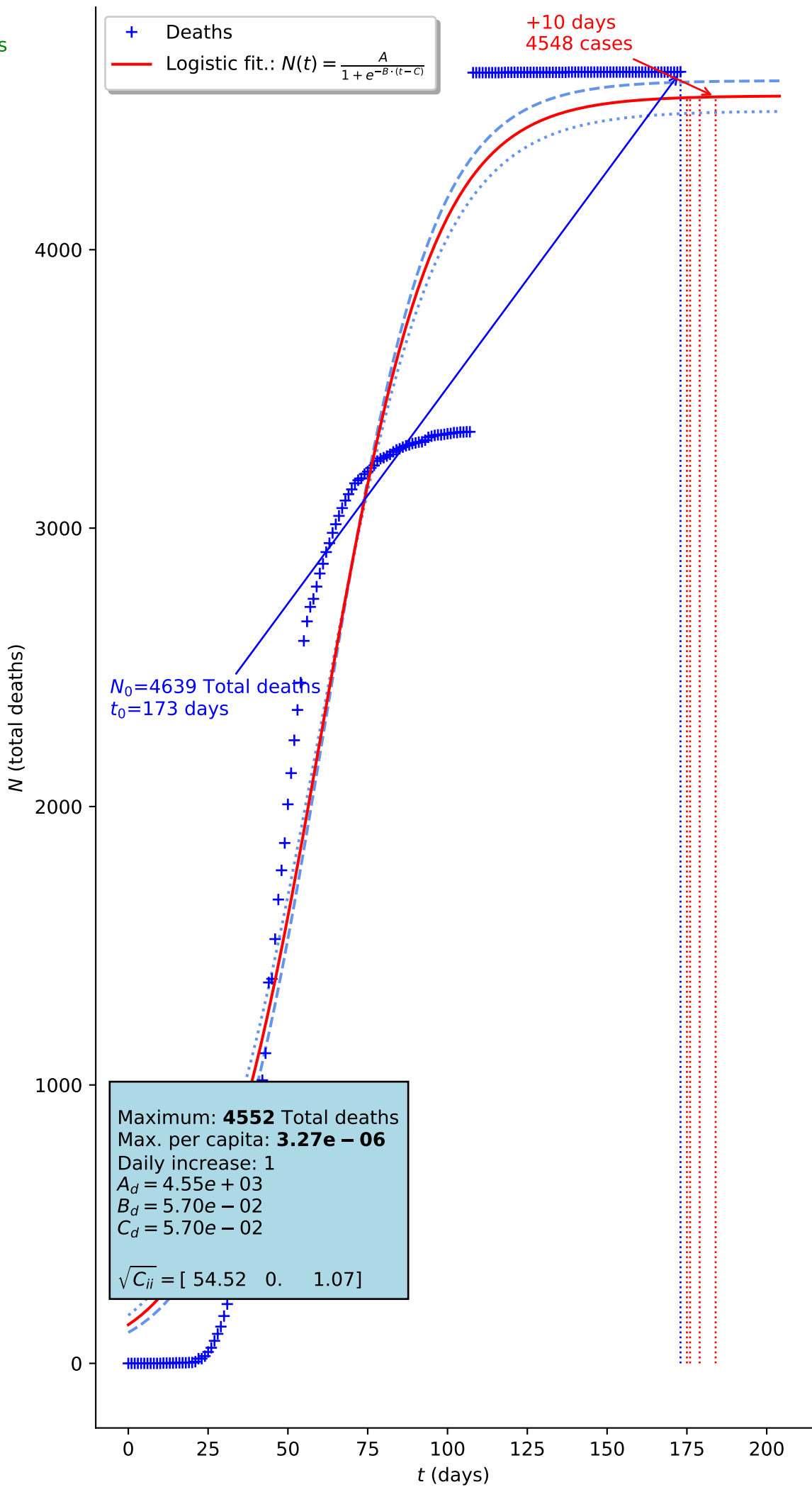
China - Confirmed cases  $N(t)$  - Population: 1 392 730 000 people



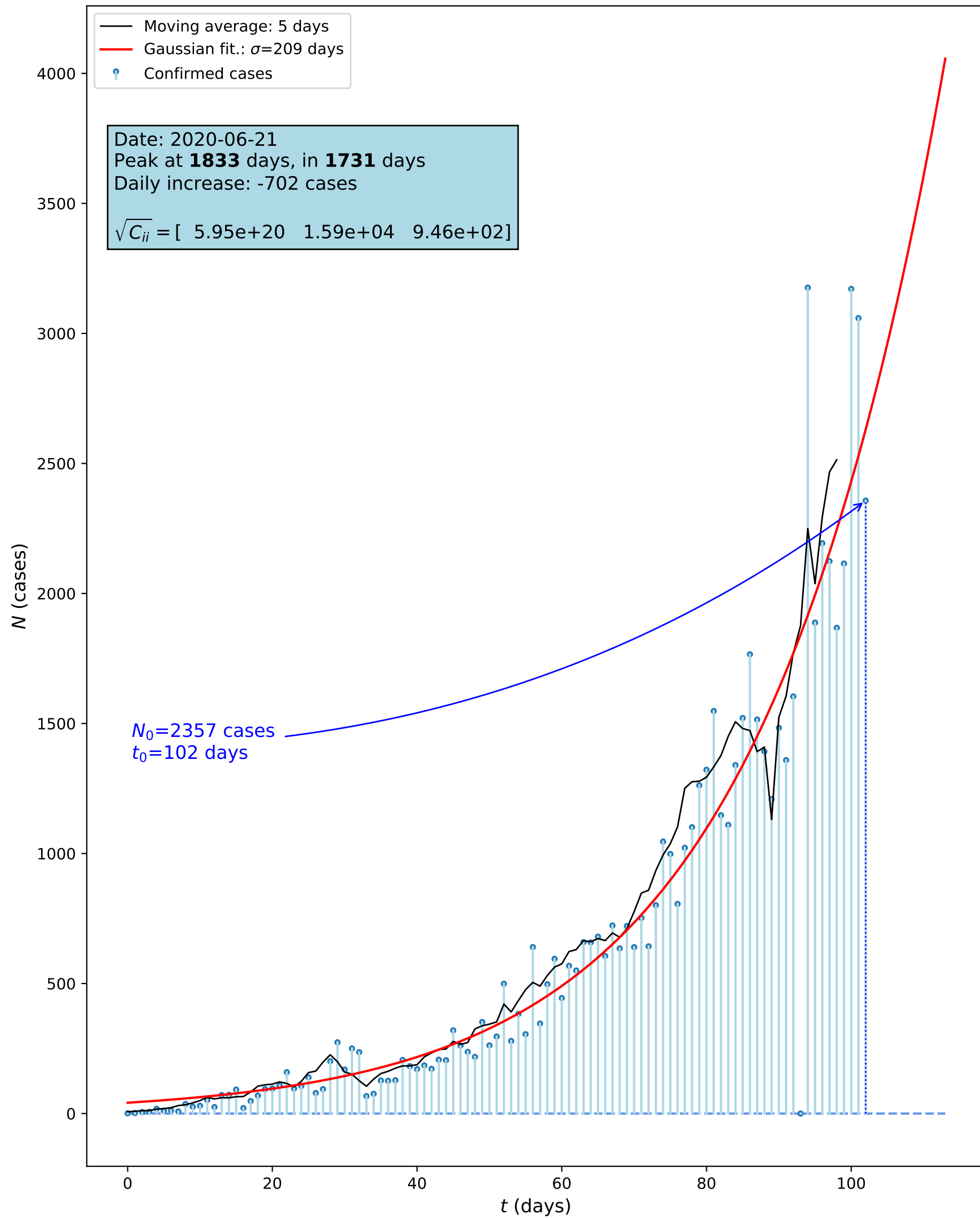
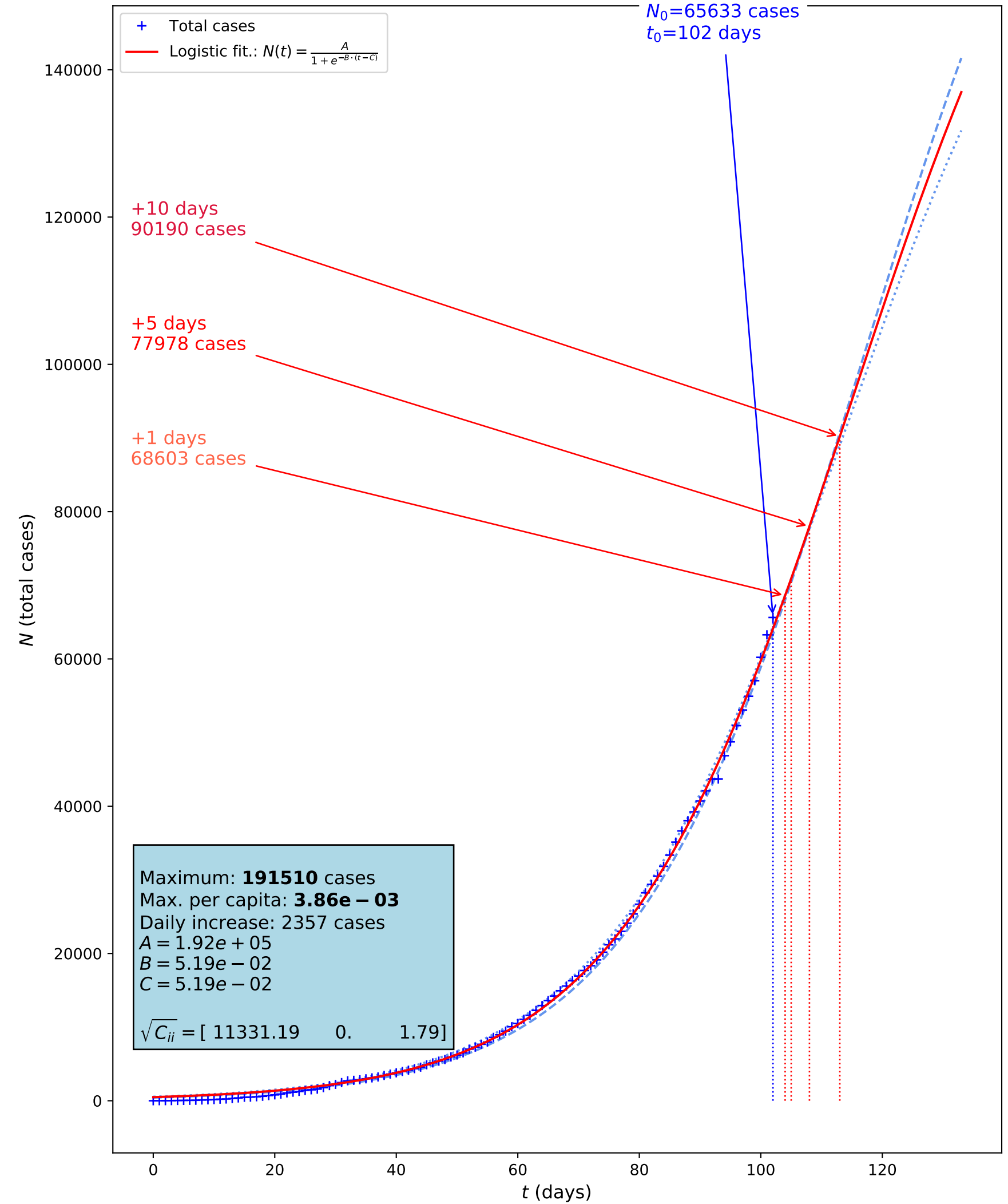
China - Total confirmed cases  $N(t)$



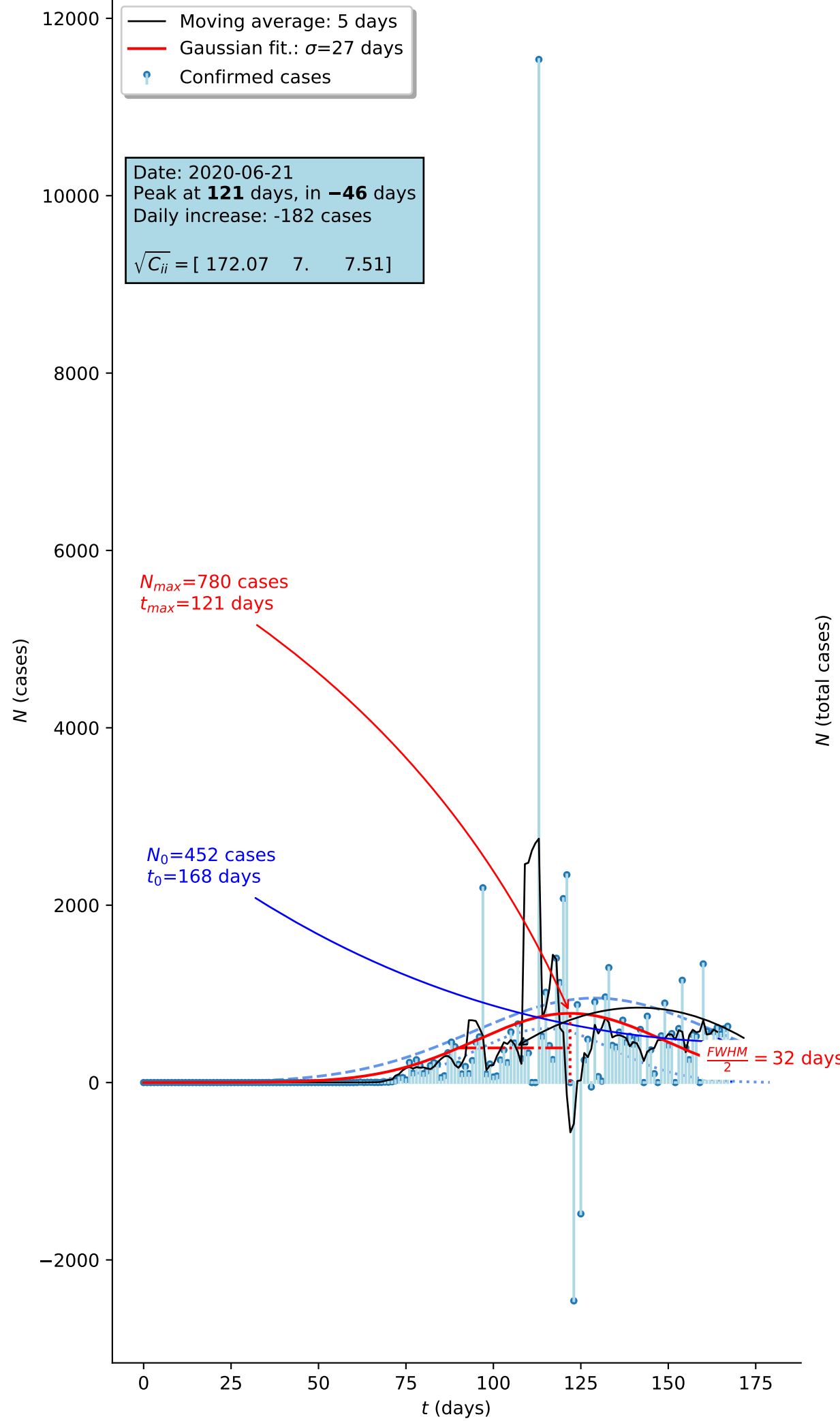
China - Total deaths  $N(t)$



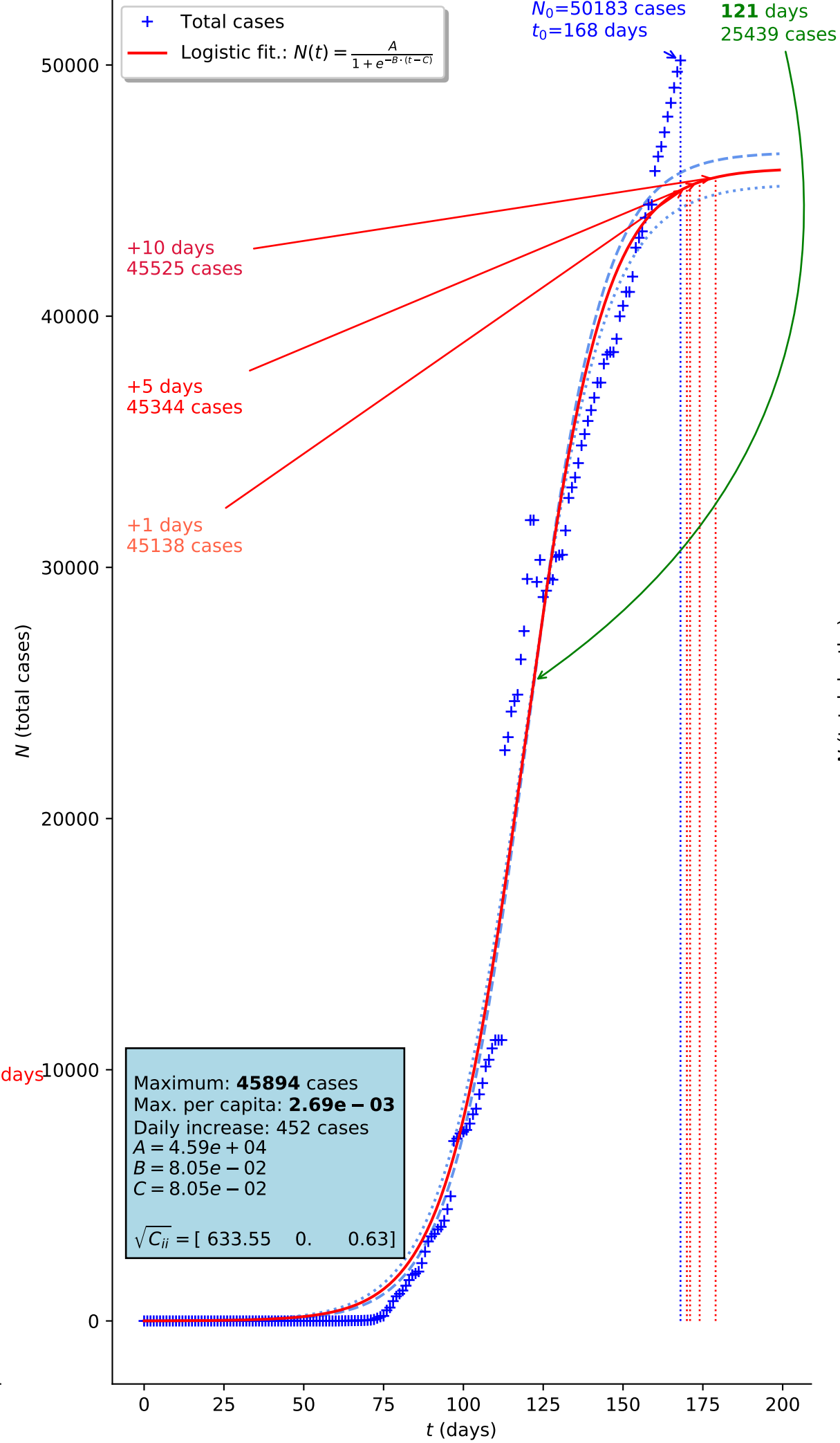


Colombia - Confirmed cases  $N(t)$  - Population: 49 648 685 peopleColombia - Total confirmed cases  $N(t)$ 

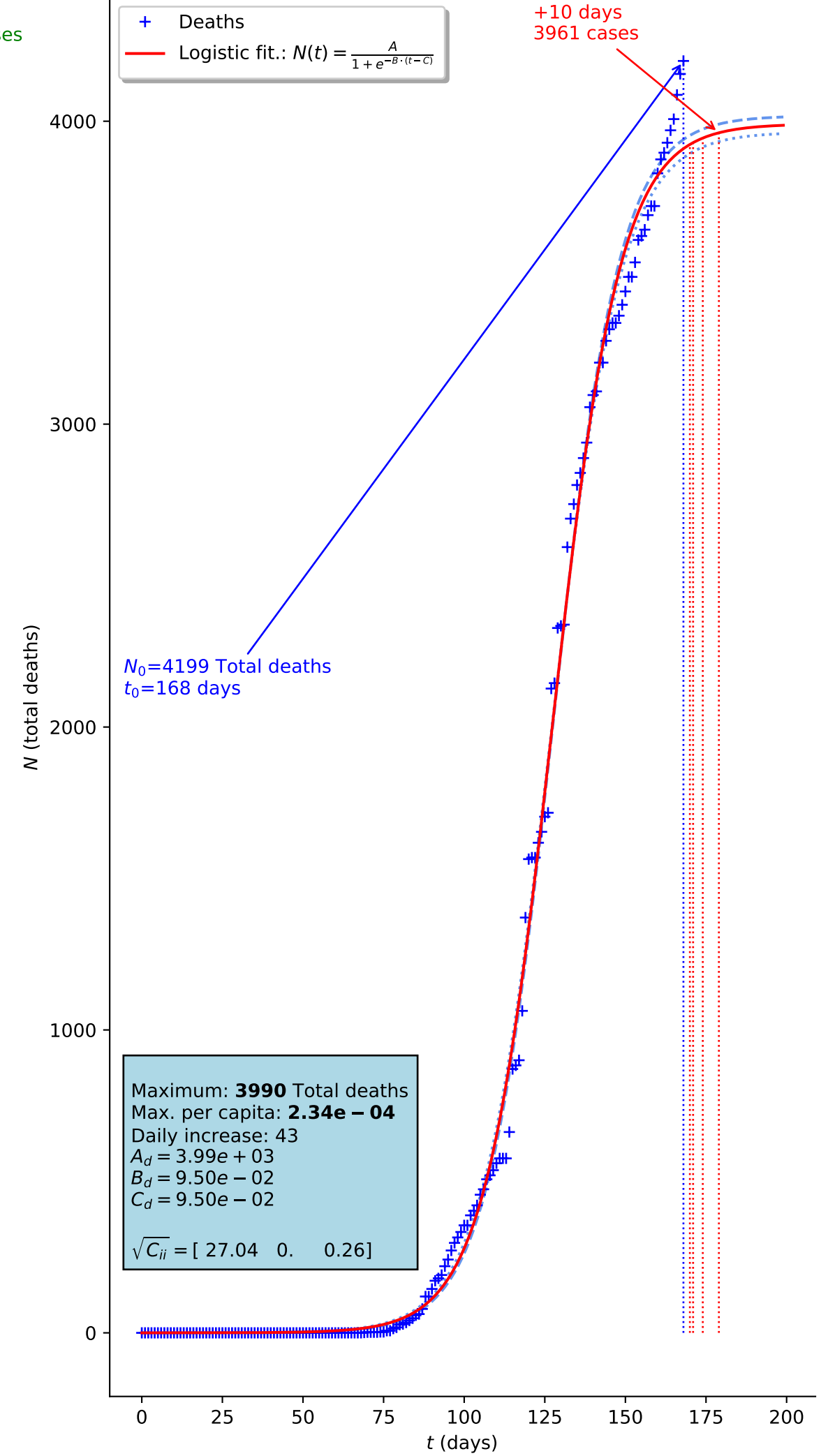
Ecuador - Confirmed cases  $N(t)$  - Population: 17 084 357 people

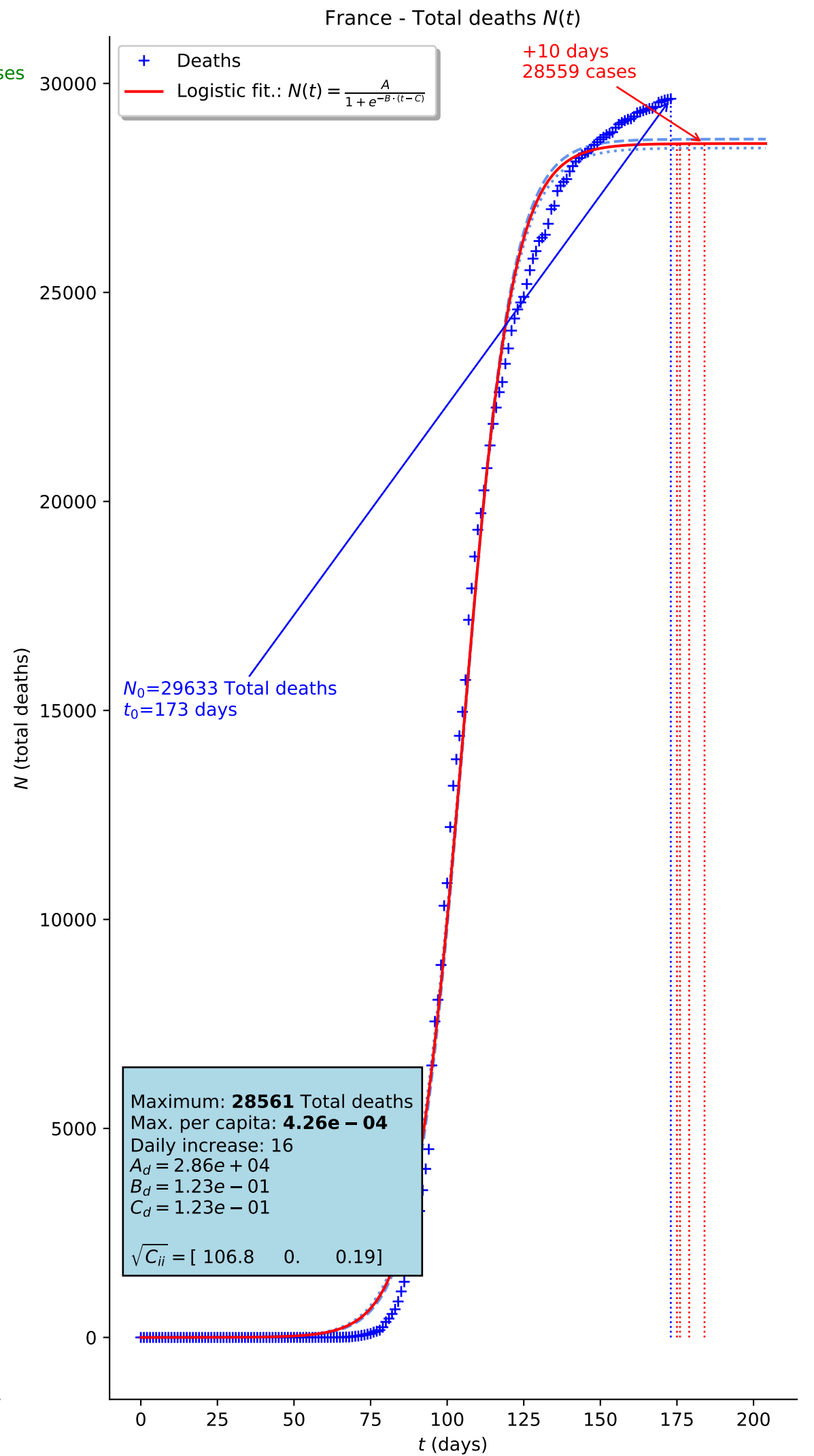
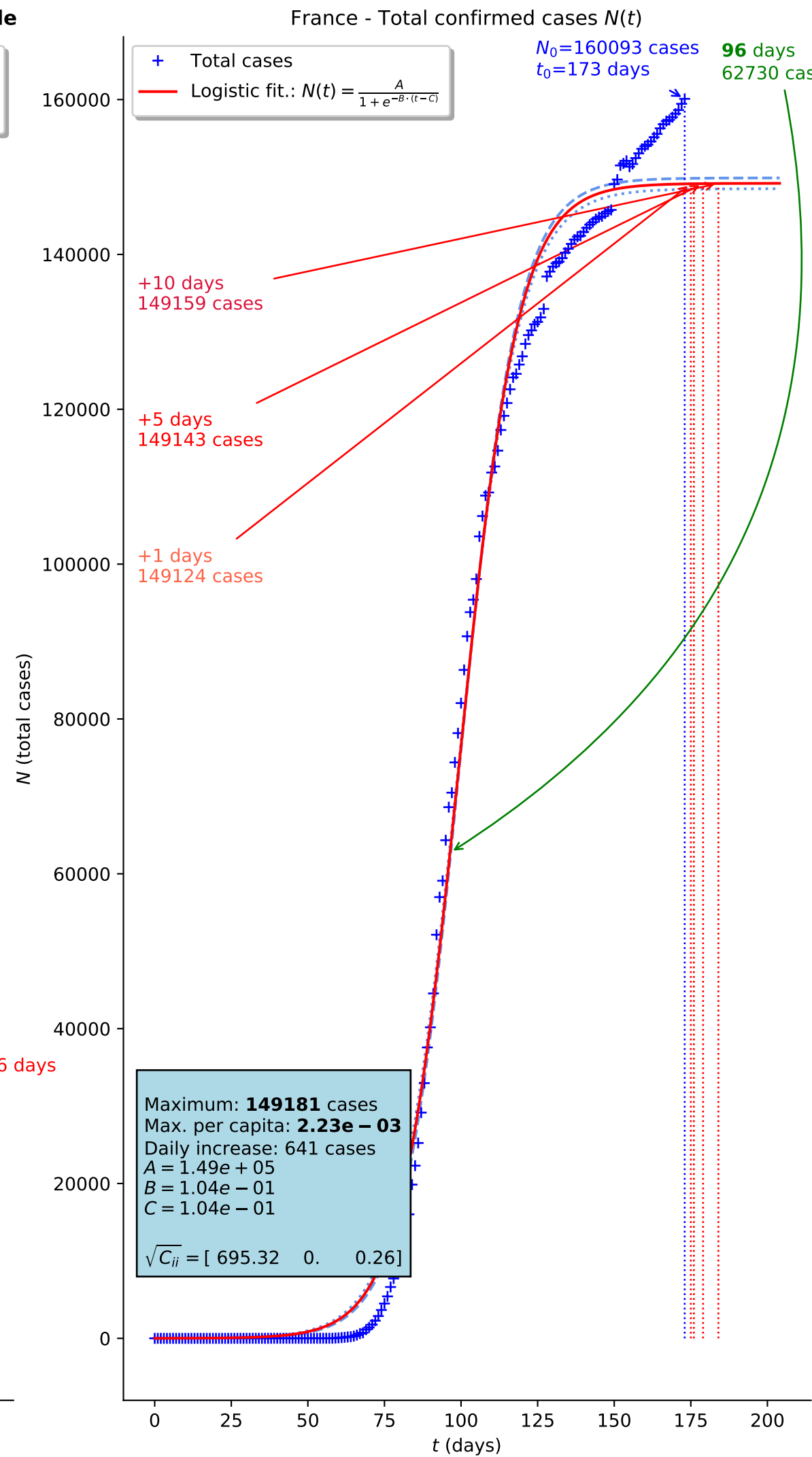
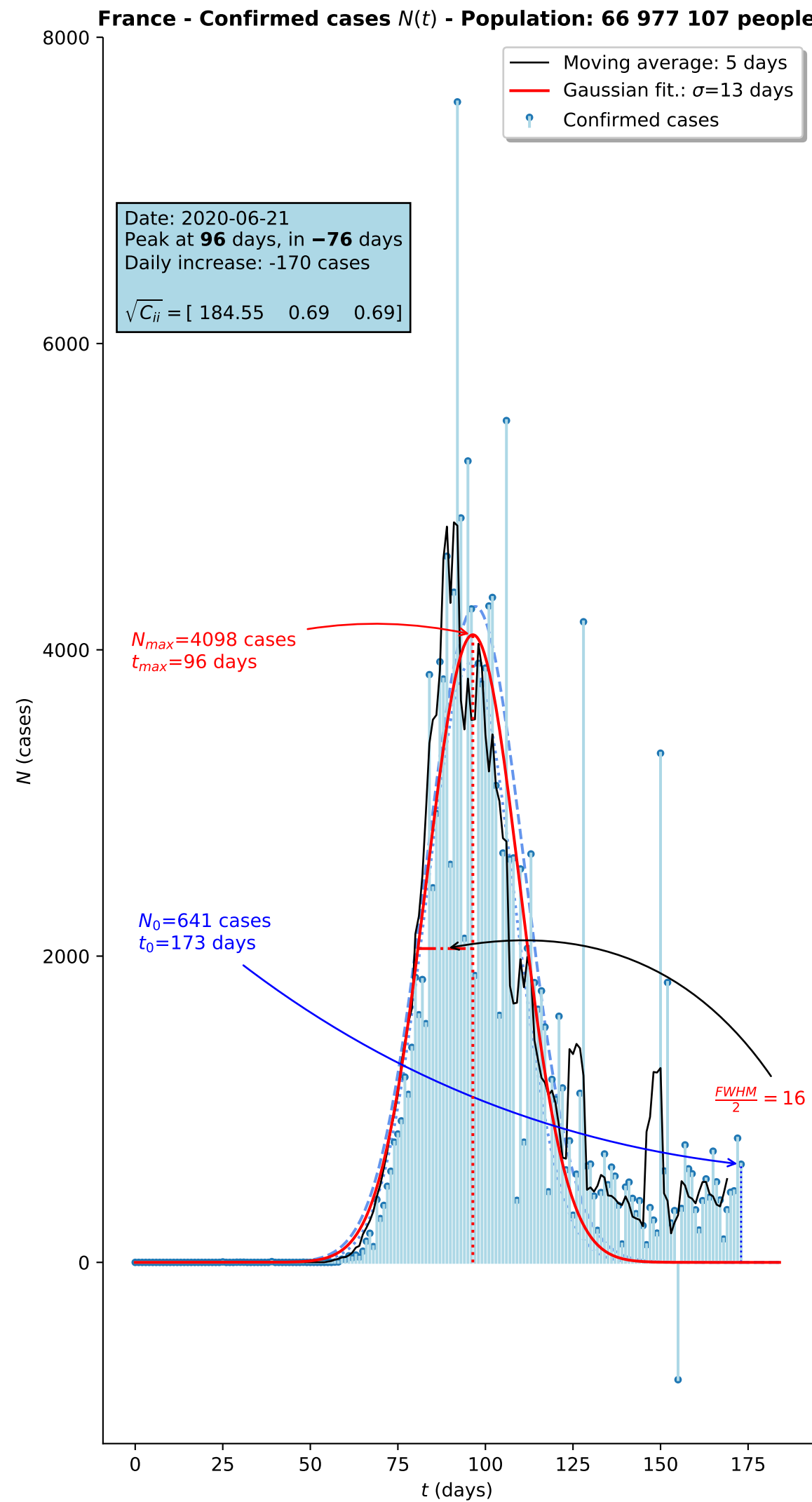


Ecuador - Total confirmed cases  $N(t)$

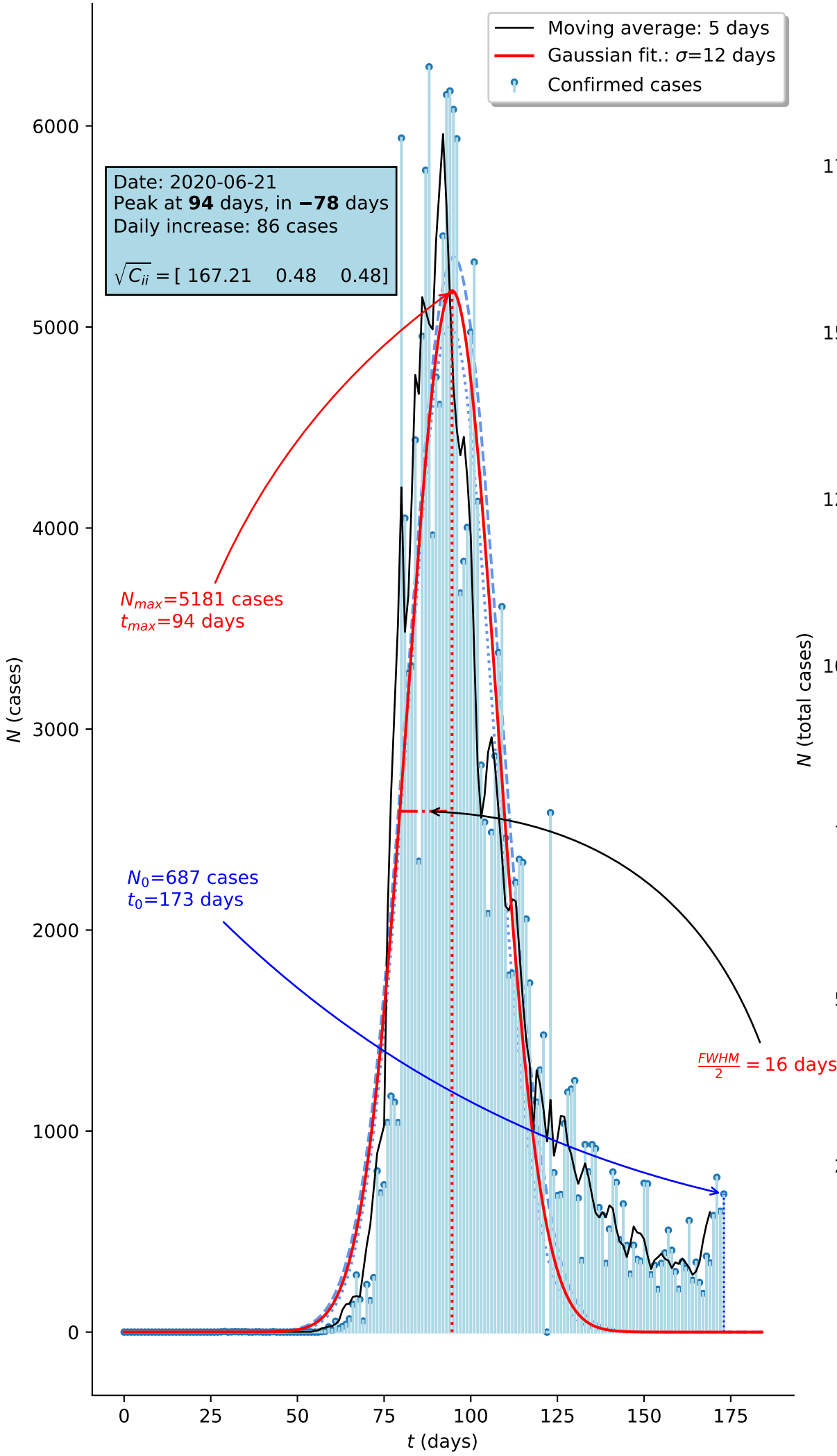


Ecuador - Total deaths  $N(t)$

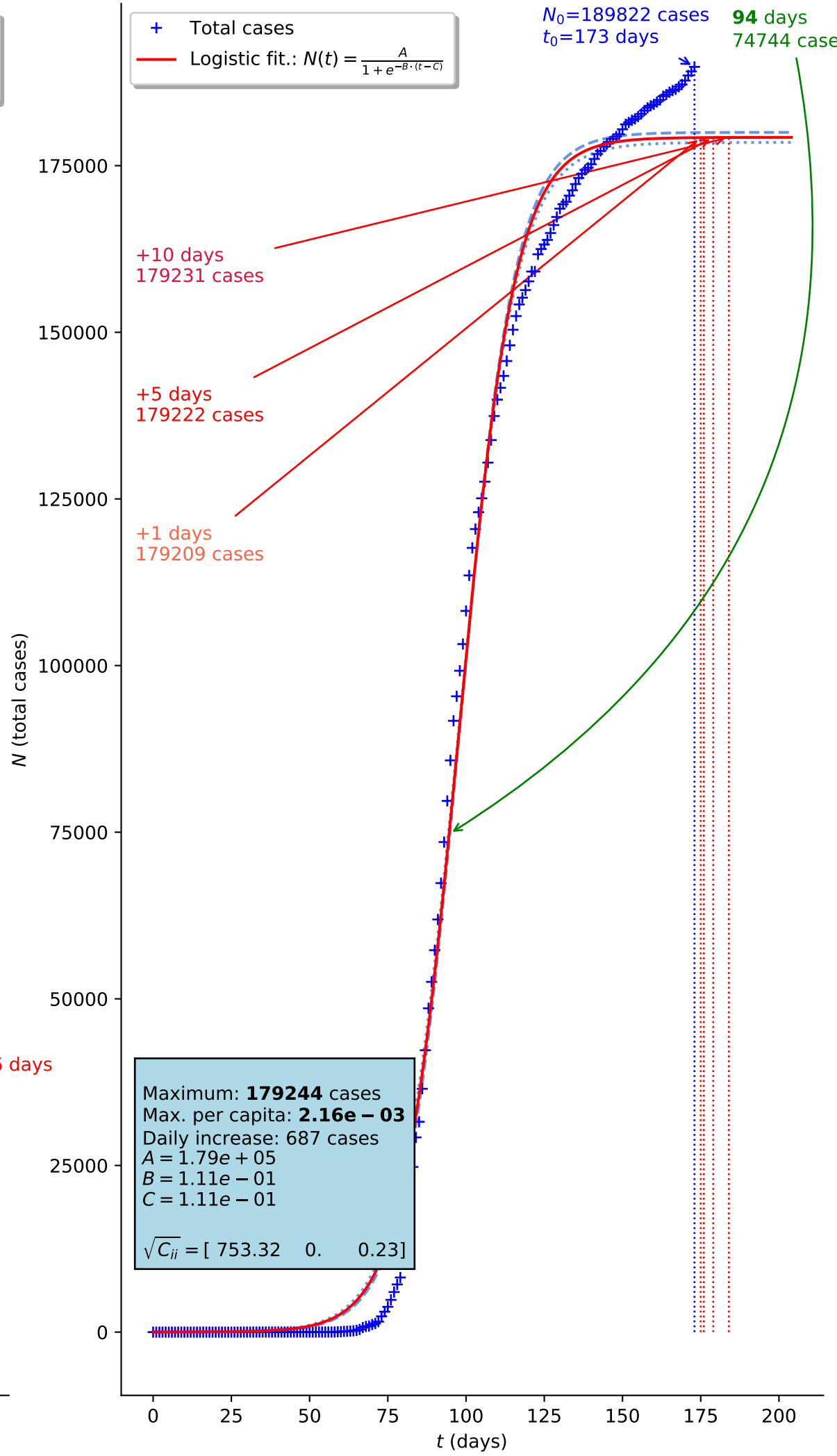




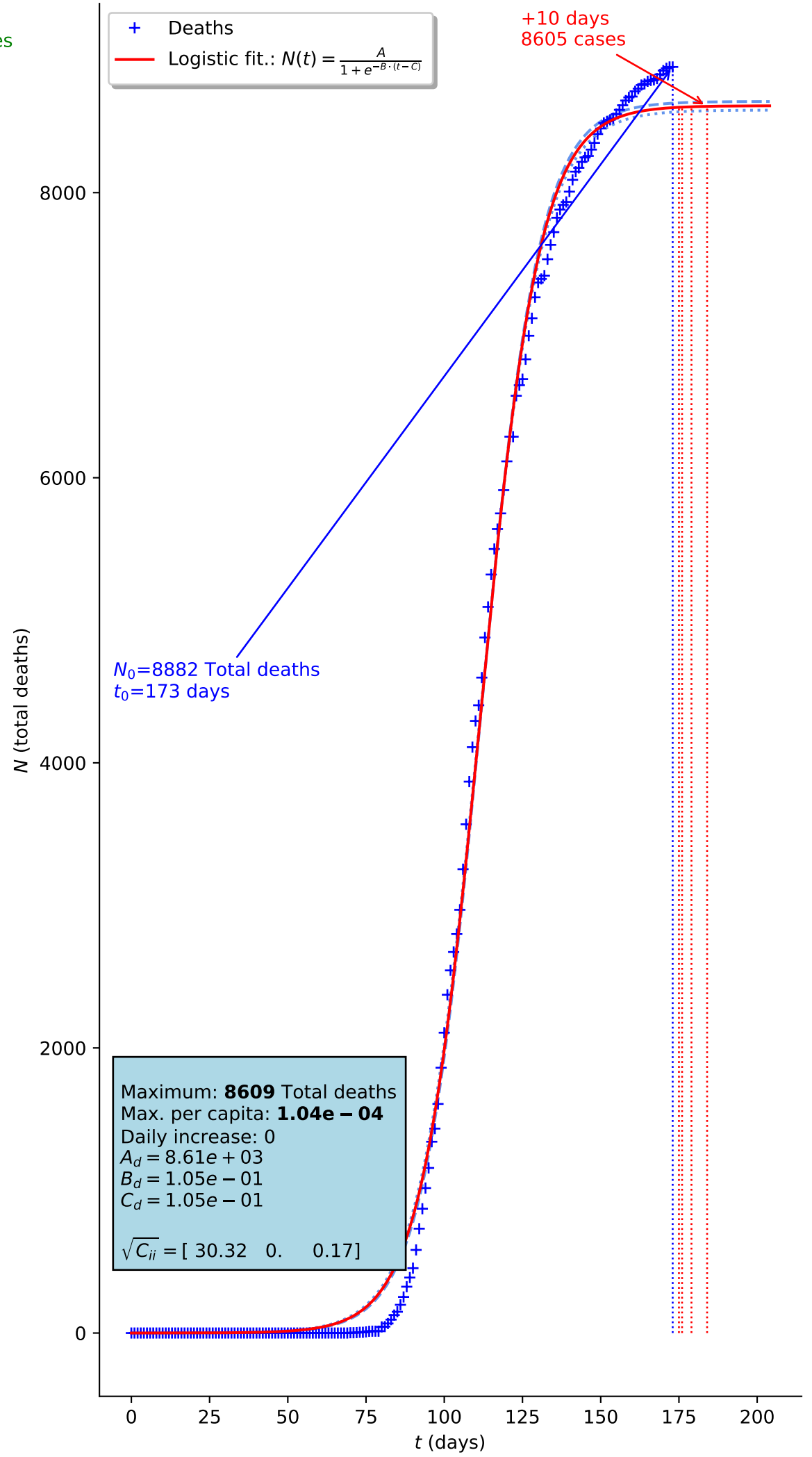
Germany - Confirmed cases  $N(t)$  - Population: 82 905 782 people



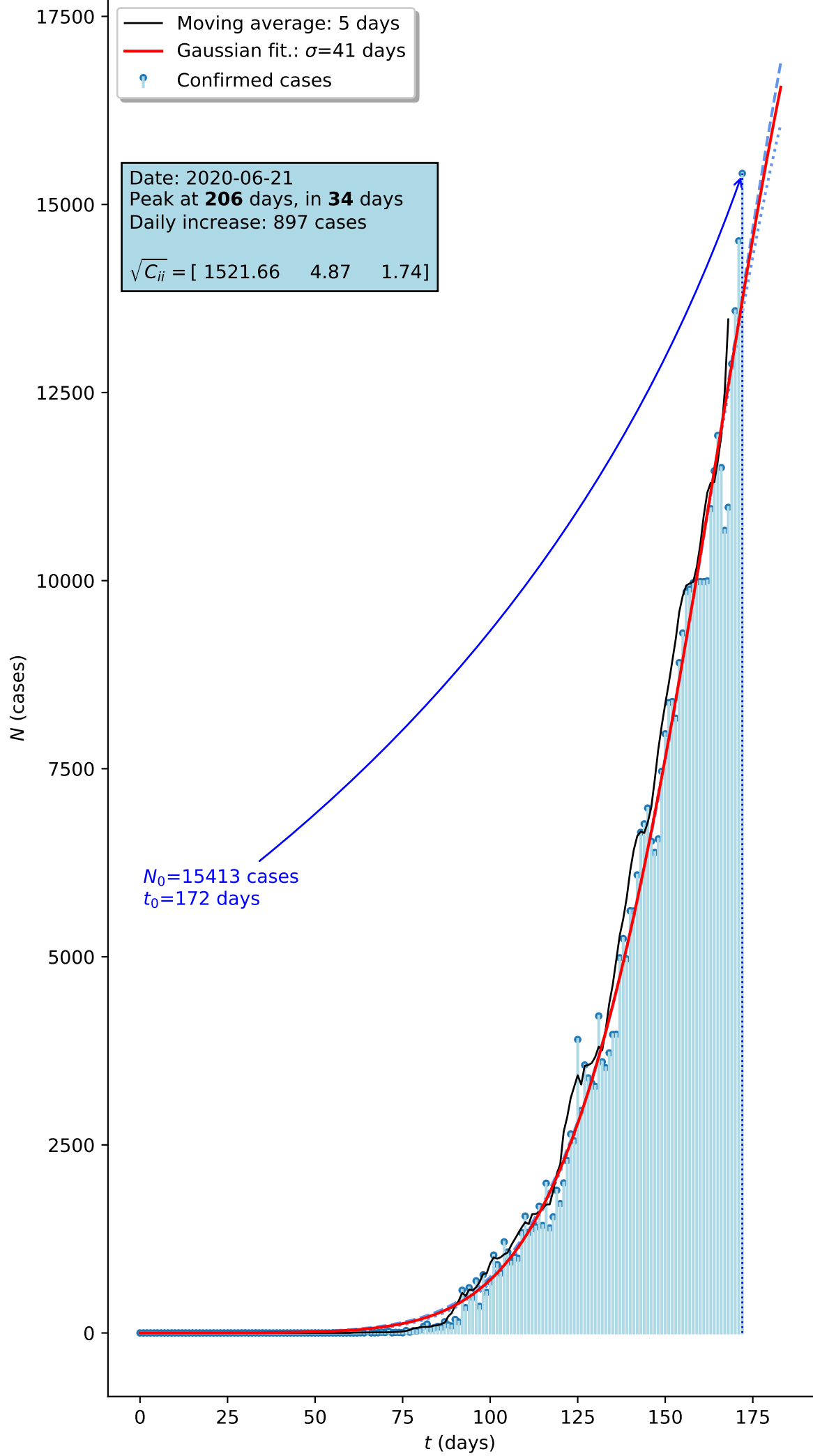
Germany - Total confirmed cases  $N(t)$



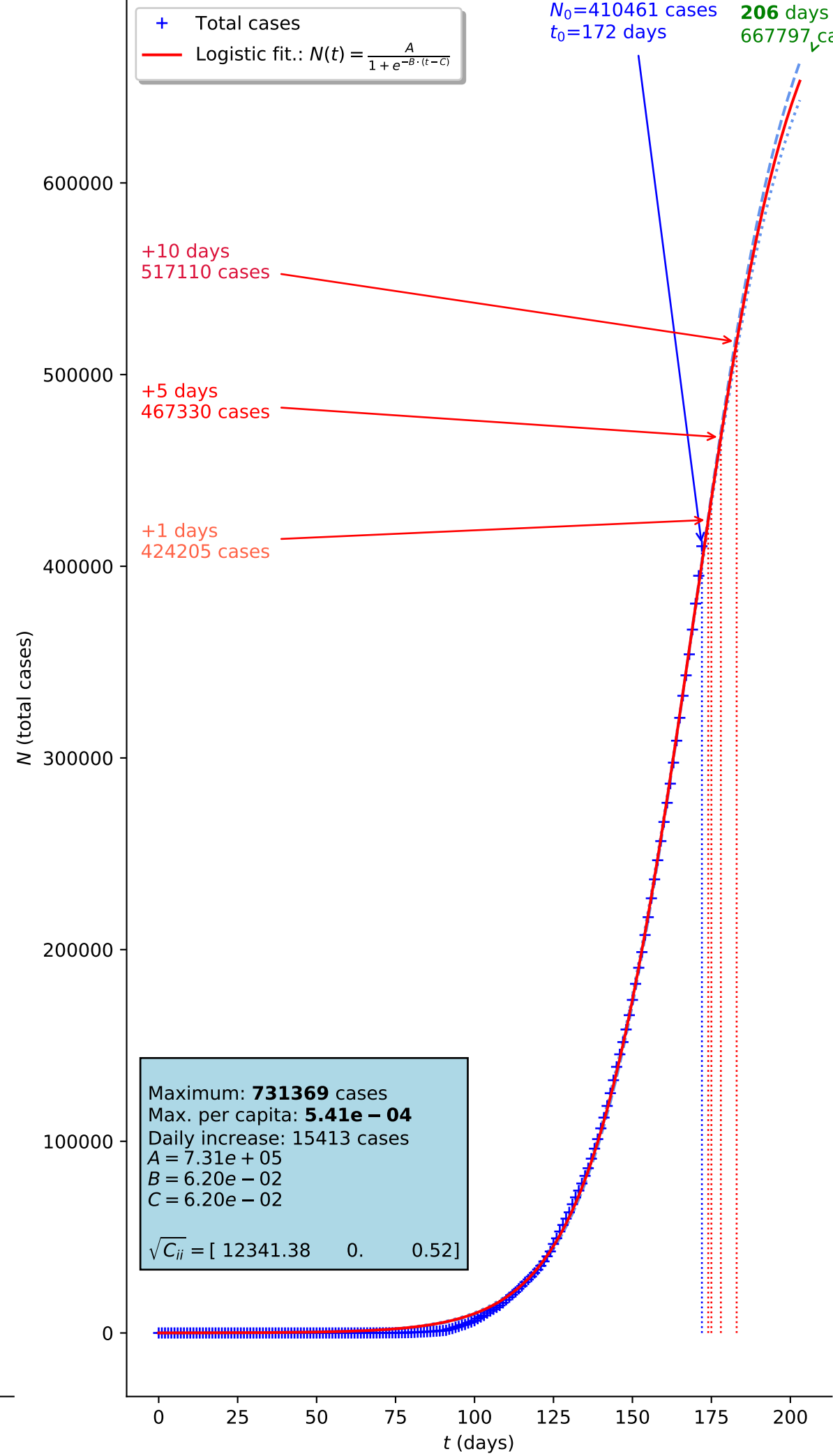
Germany - Total deaths  $N(t)$



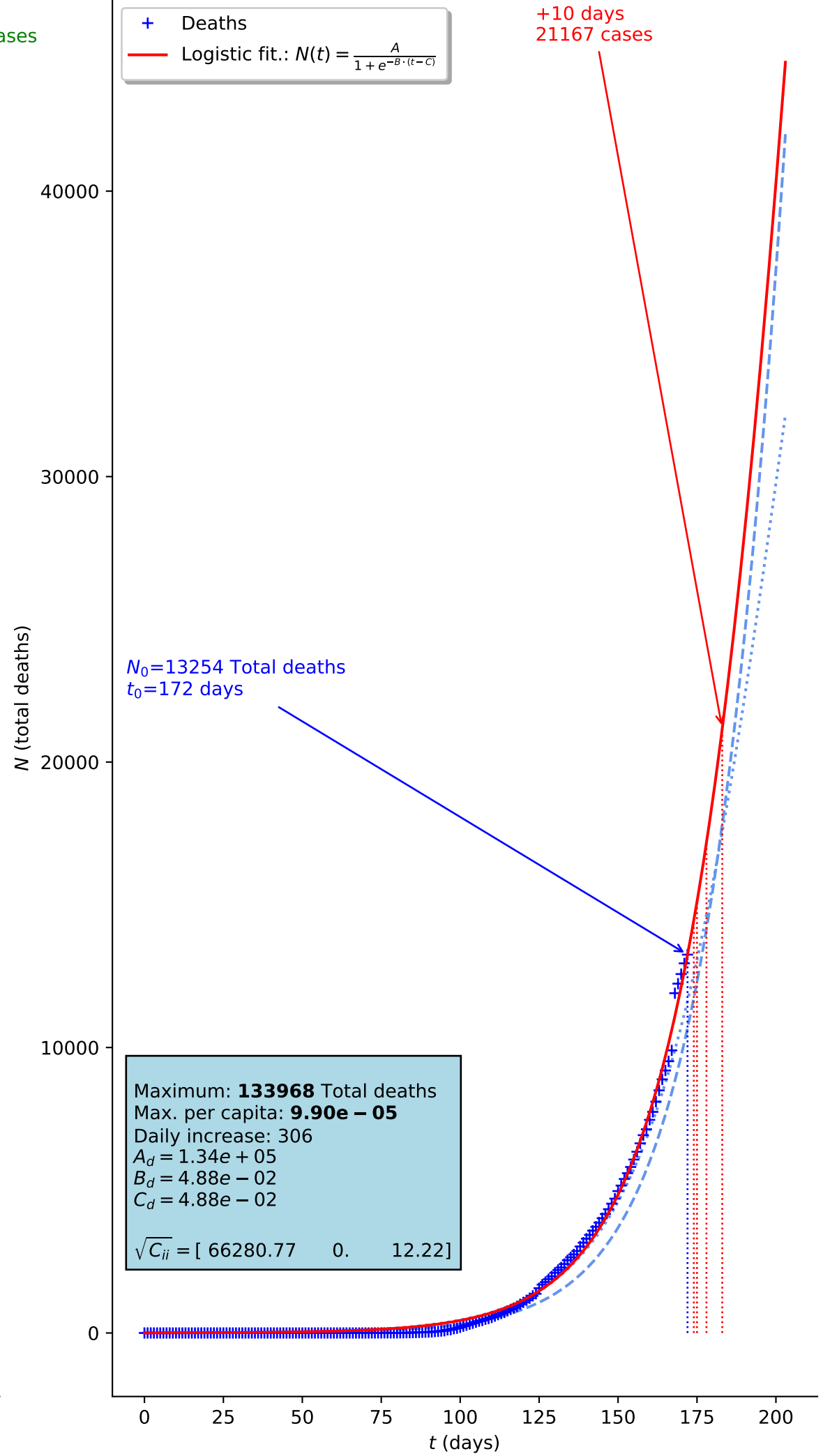
India - Confirmed cases  $N(t)$  - Population: 1 352 617 328 people



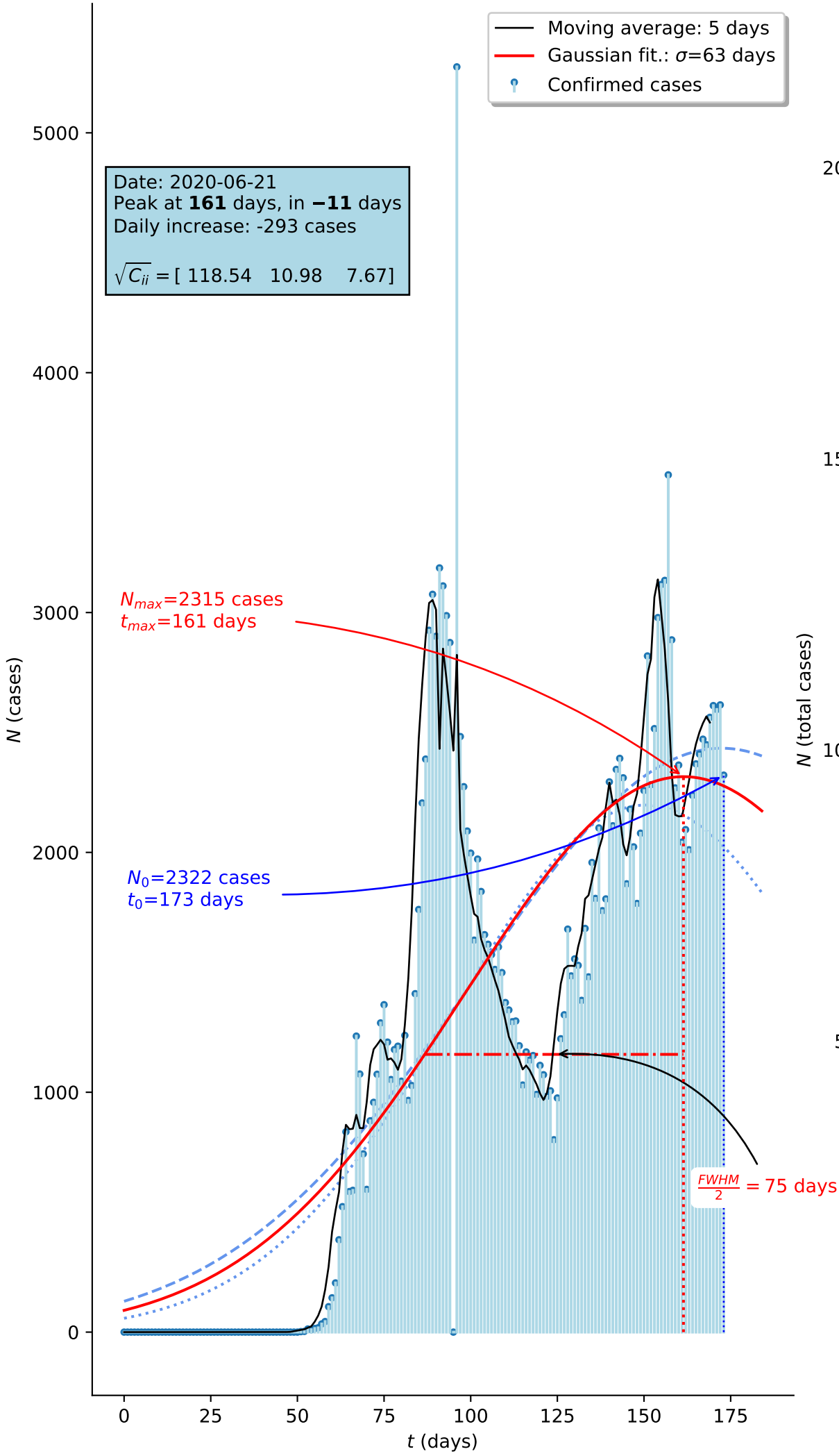
India - Total confirmed cases  $N(t)$



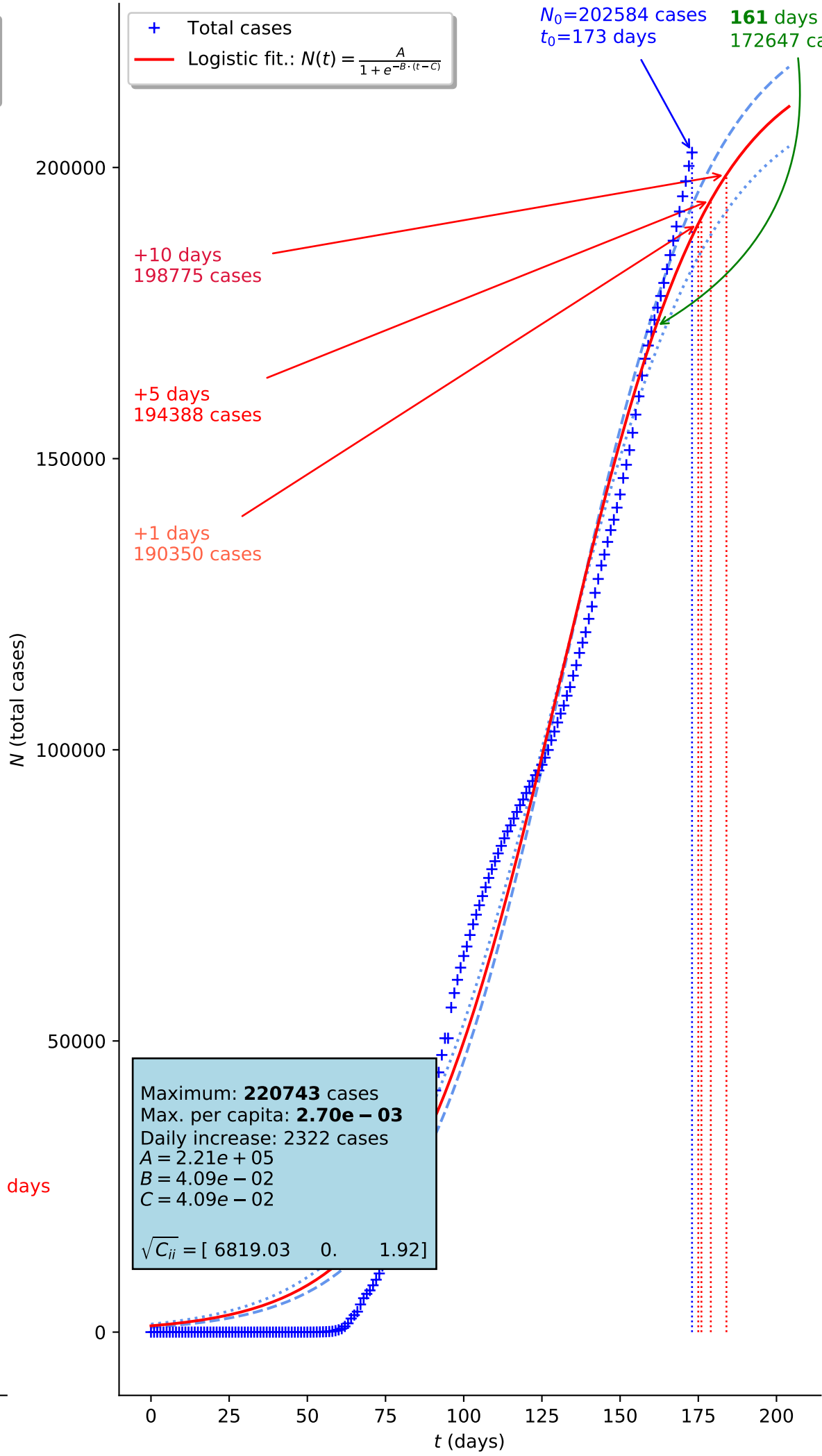
India - Total deaths  $N(t)$



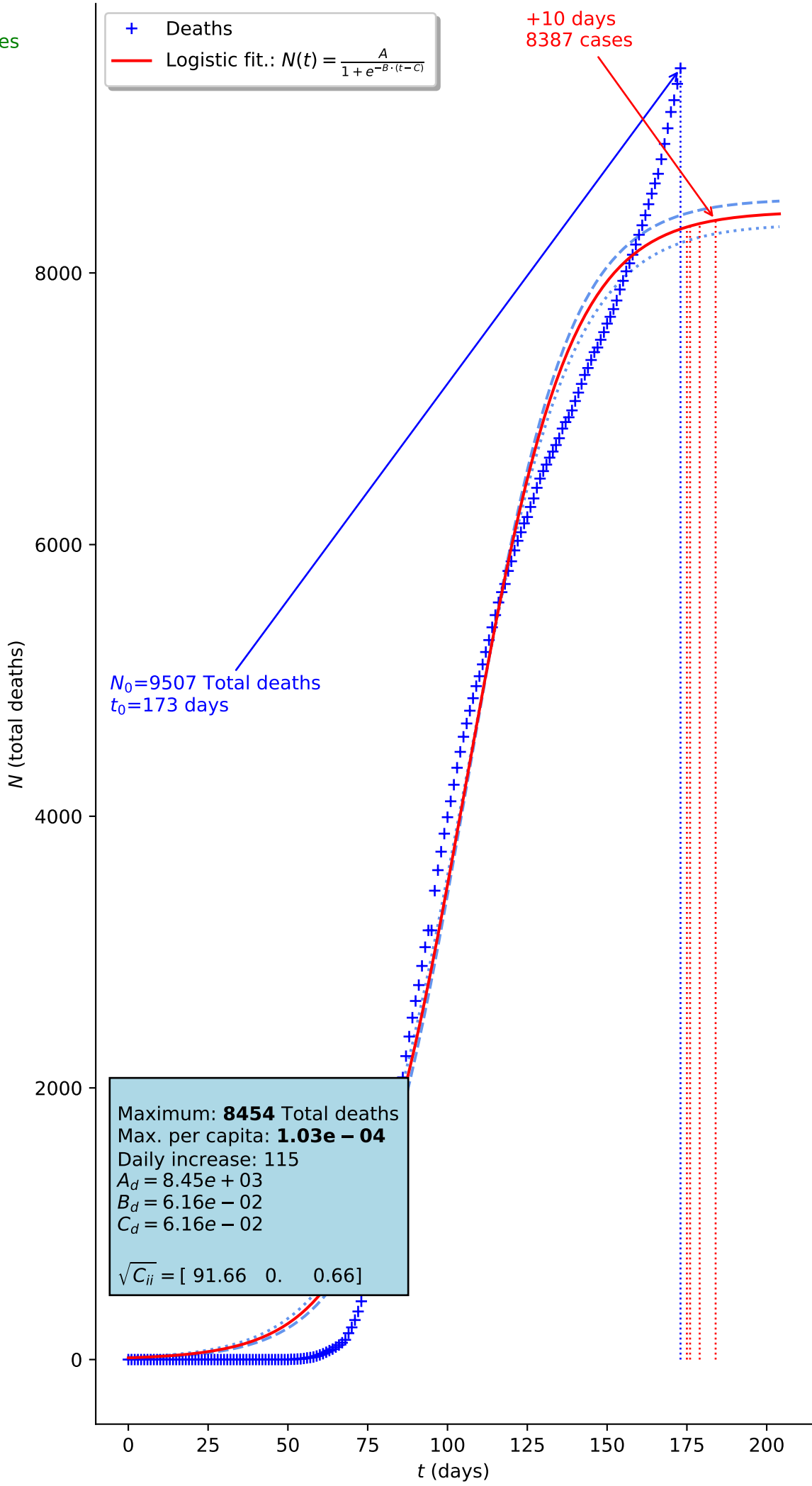
Iran - Confirmed cases  $N(t)$  - Population: 81 800 269 people



Iran - Total confirmed cases  $N(t)$

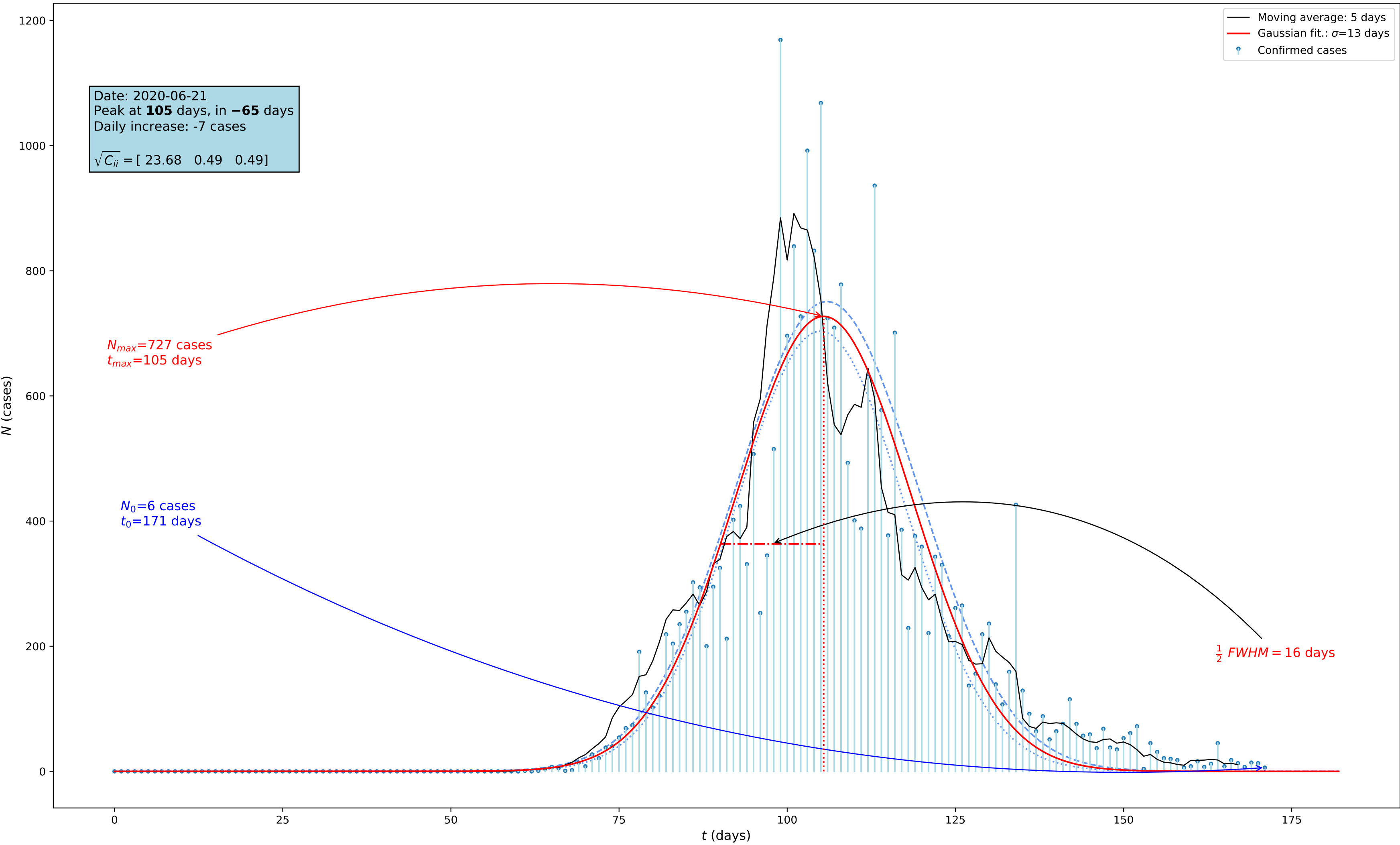


Iran - Total deaths  $N(t)$

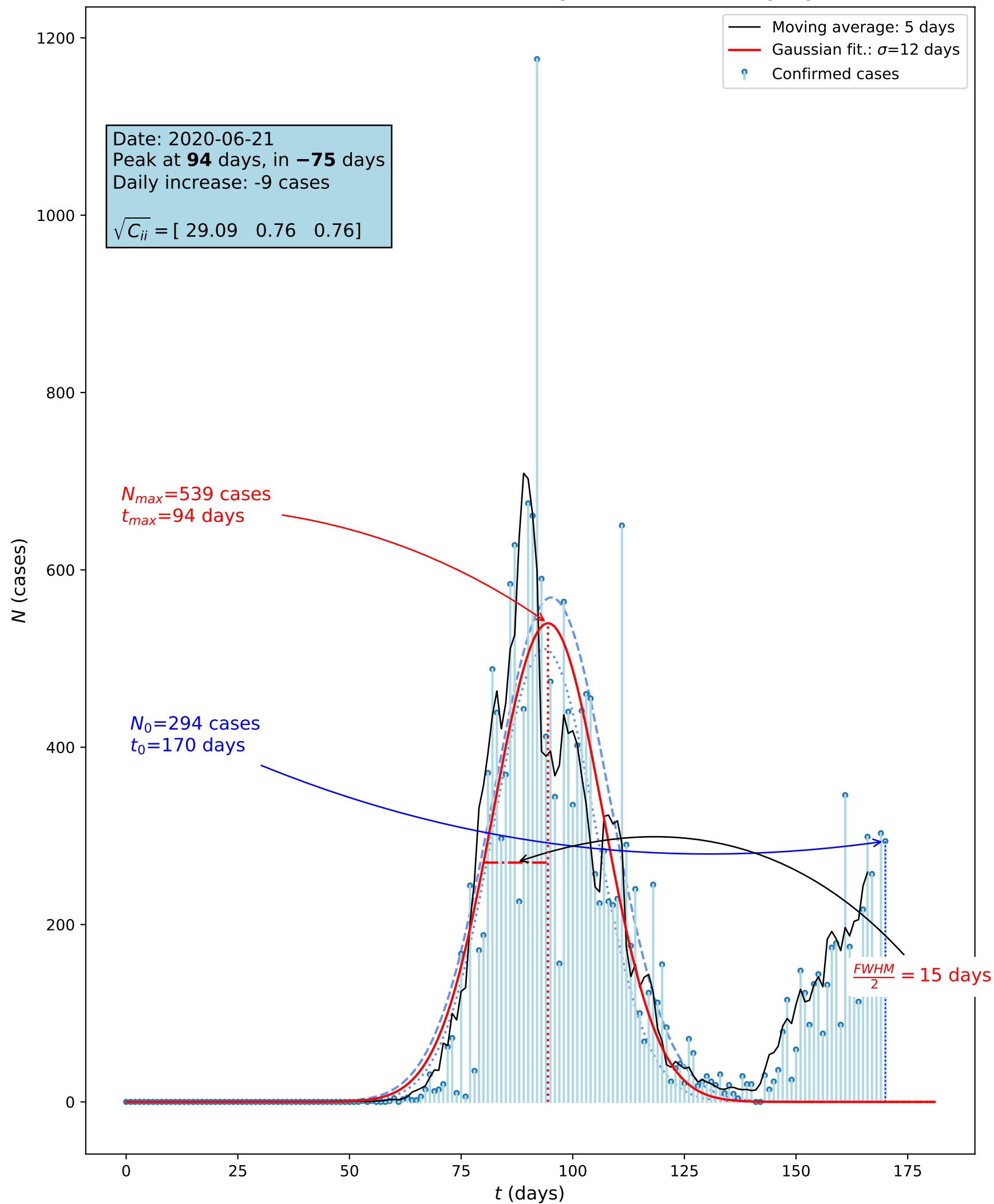




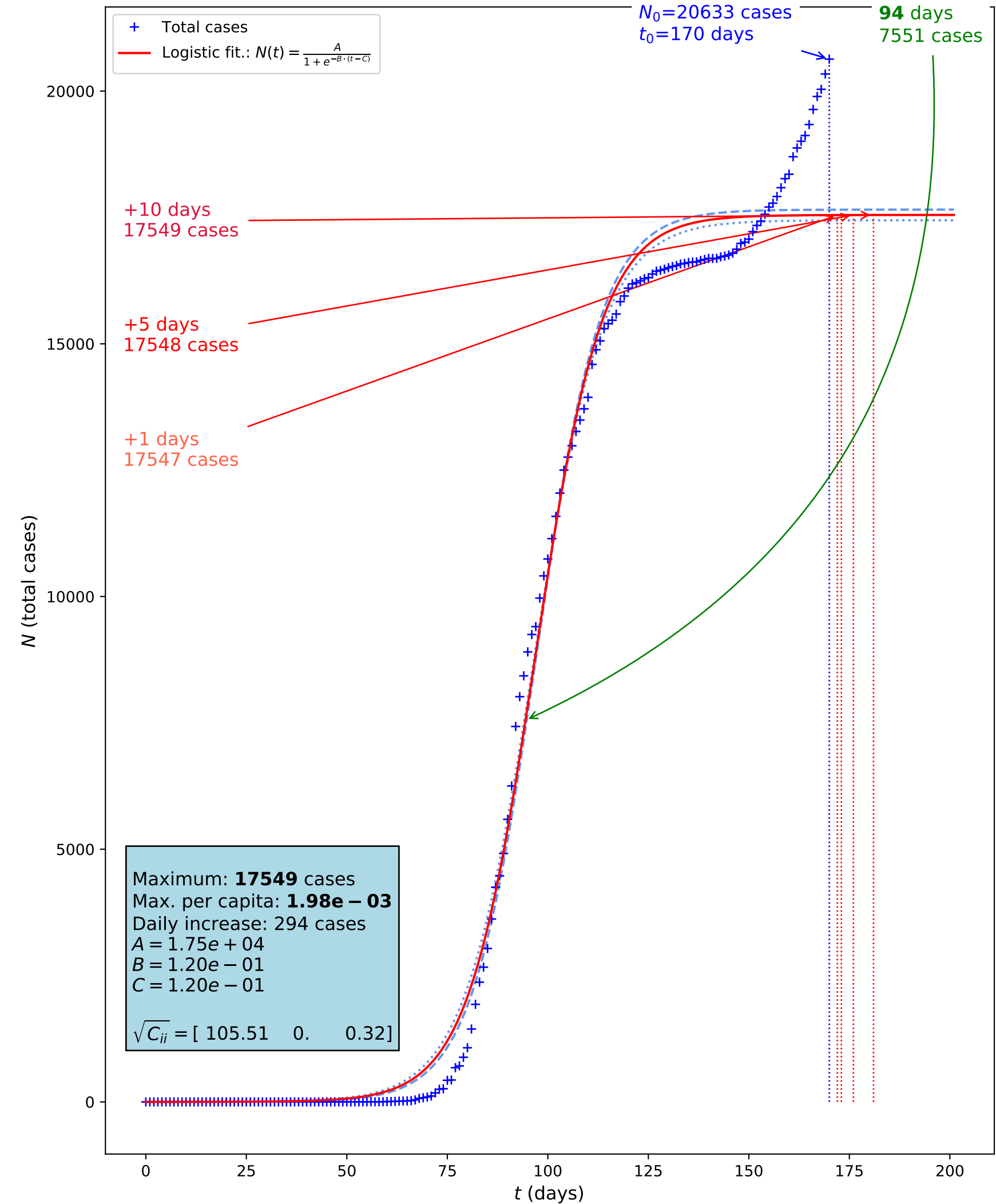
Ireland - Confirmed cases  $N(t)$  - Population: 4 867 309 people



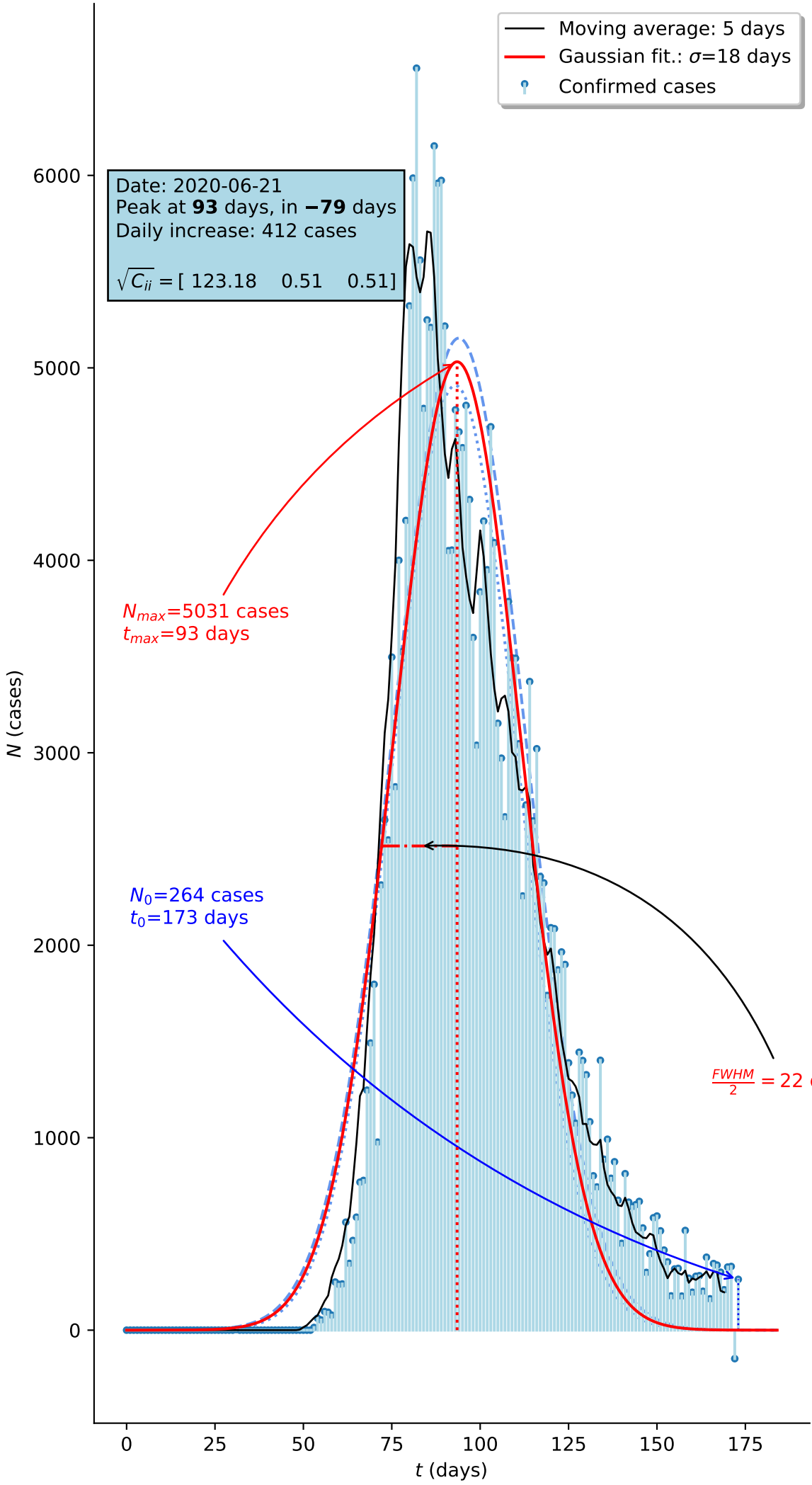
Israel - Confirmed cases  $N(t)$  - Population: 8 882 800 people



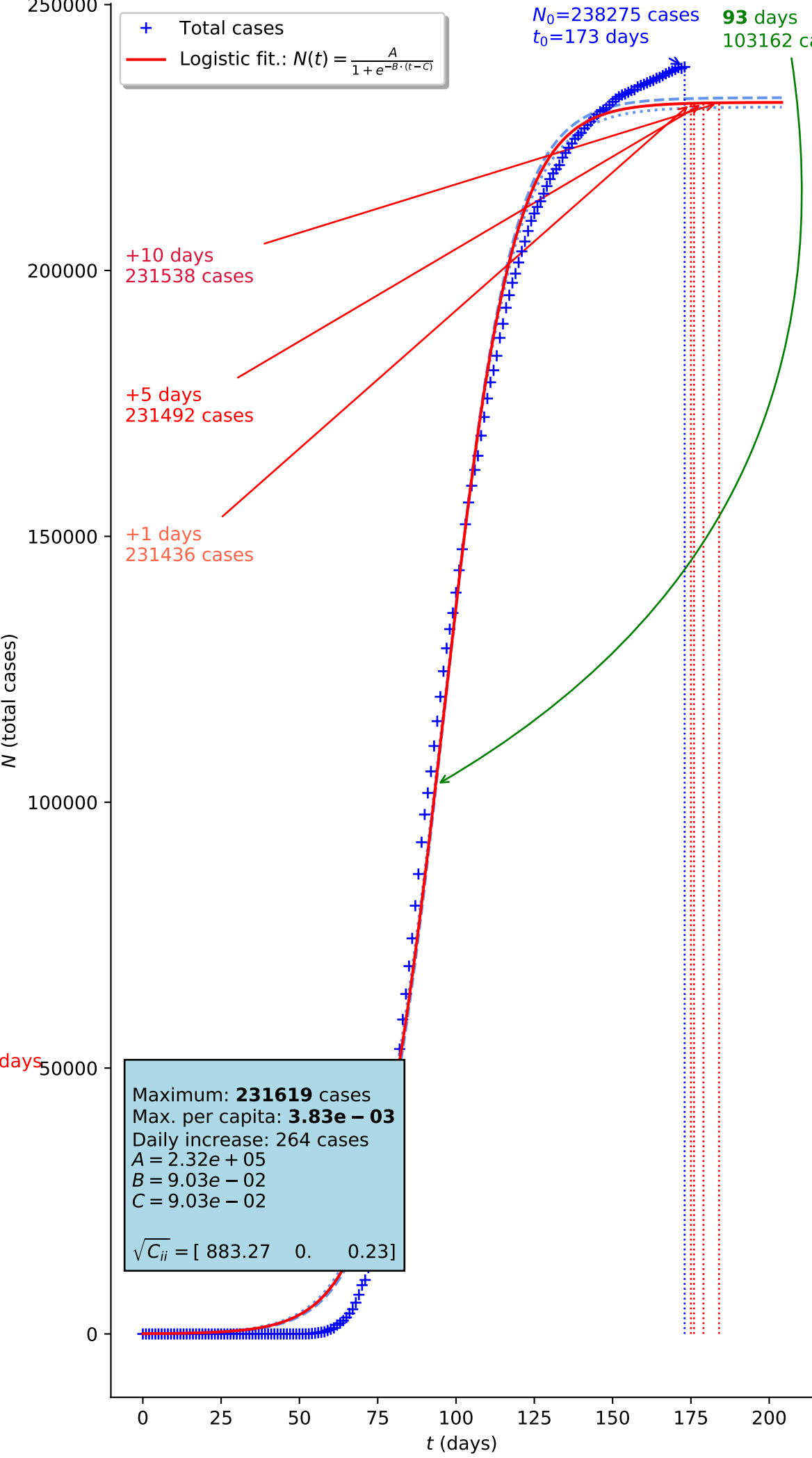
Israel - Total confirmed cases  $N(t)$



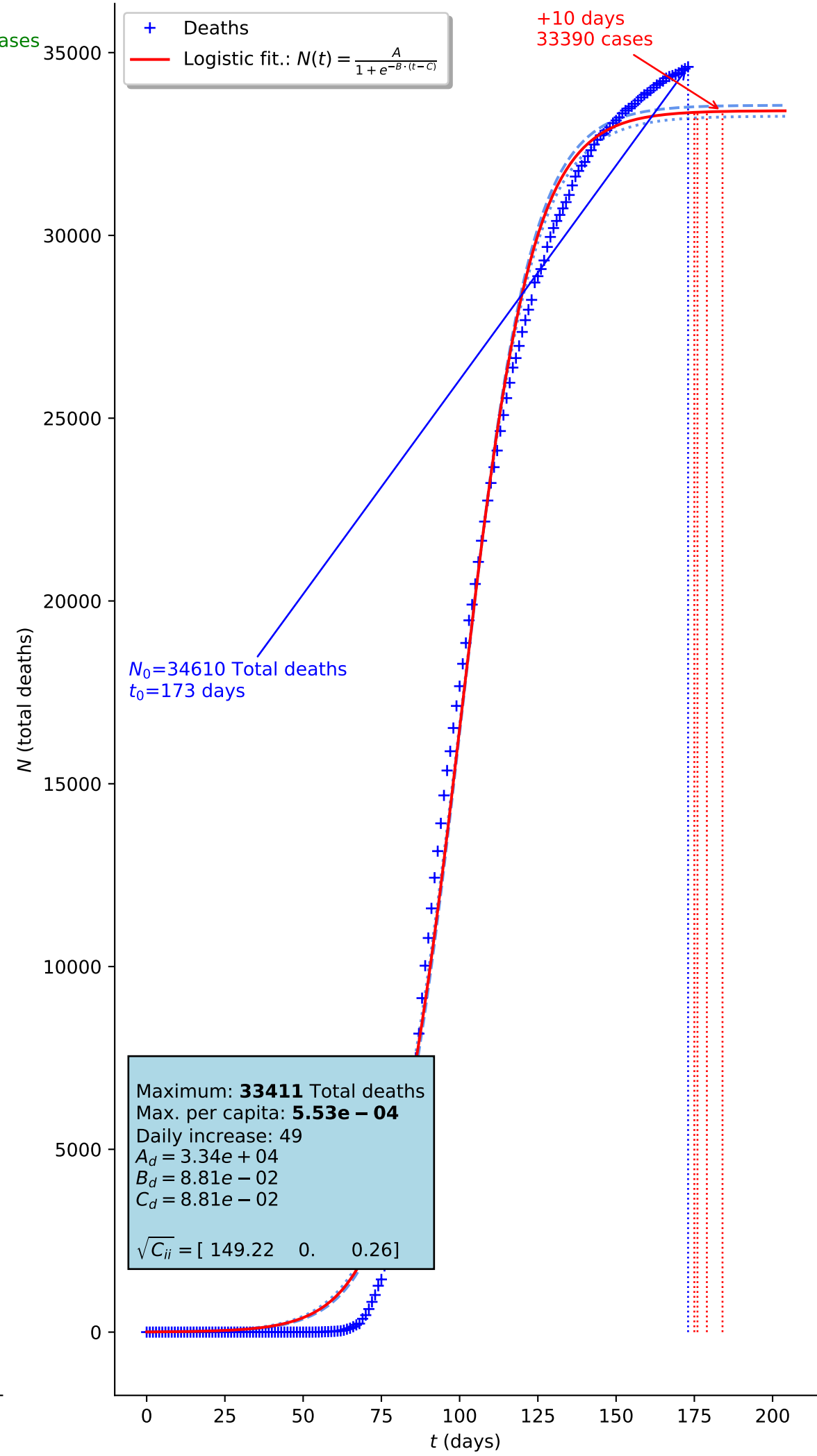
Italy - Confirmed cases  $N(t)$  - Population: 60 421 760 people



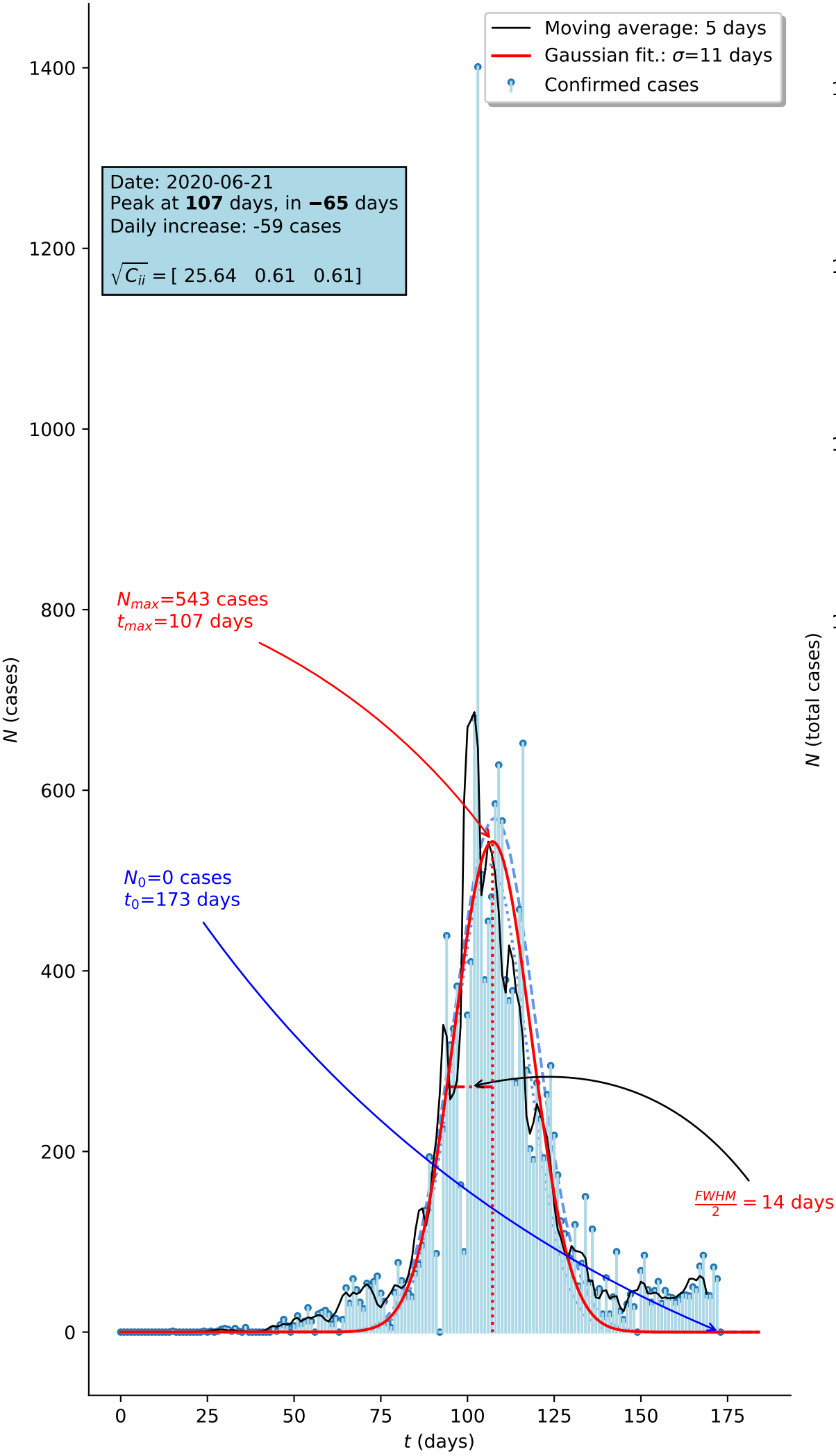
Italy - Total confirmed cases  $N(t)$



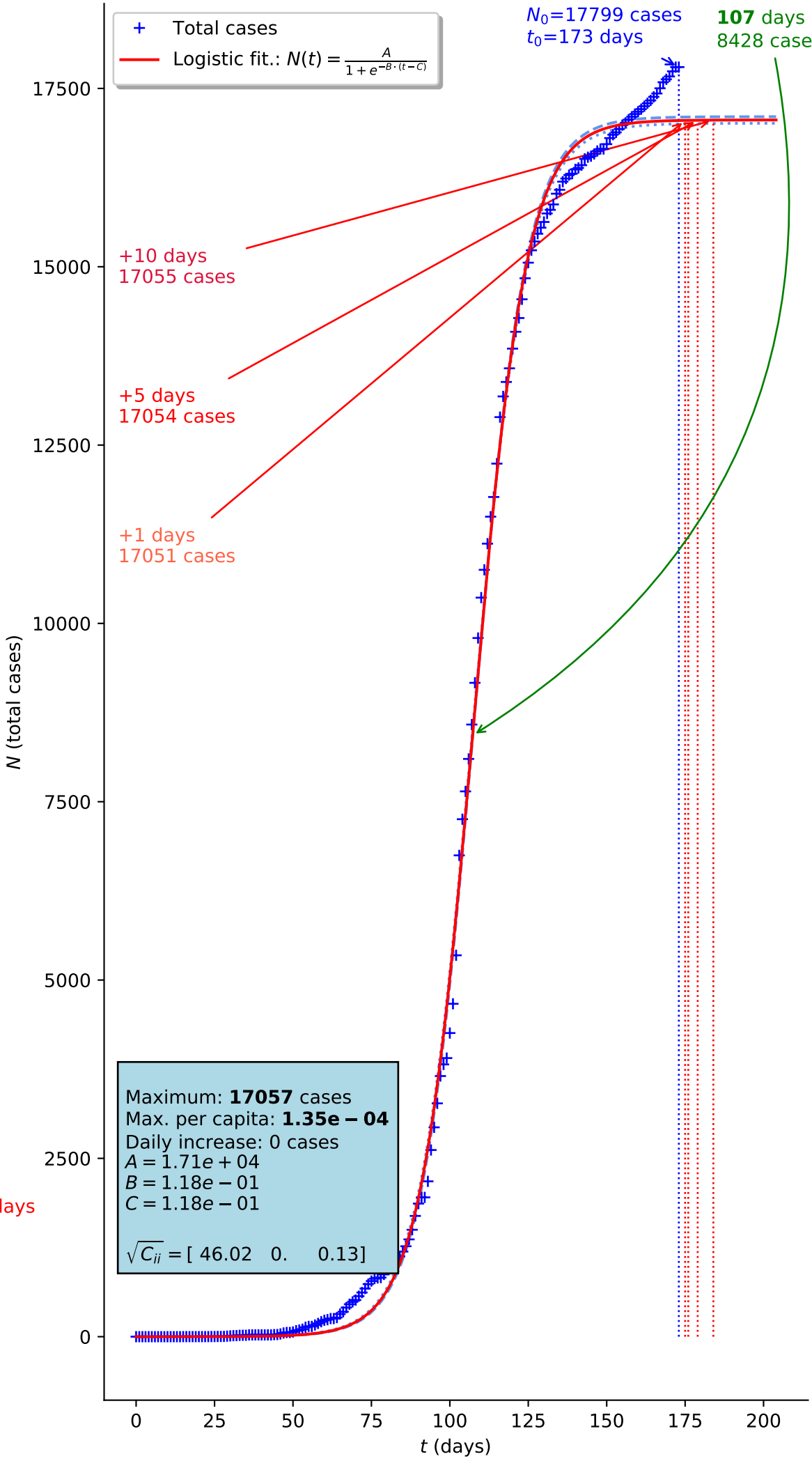
Italy - Total deaths  $N(t)$



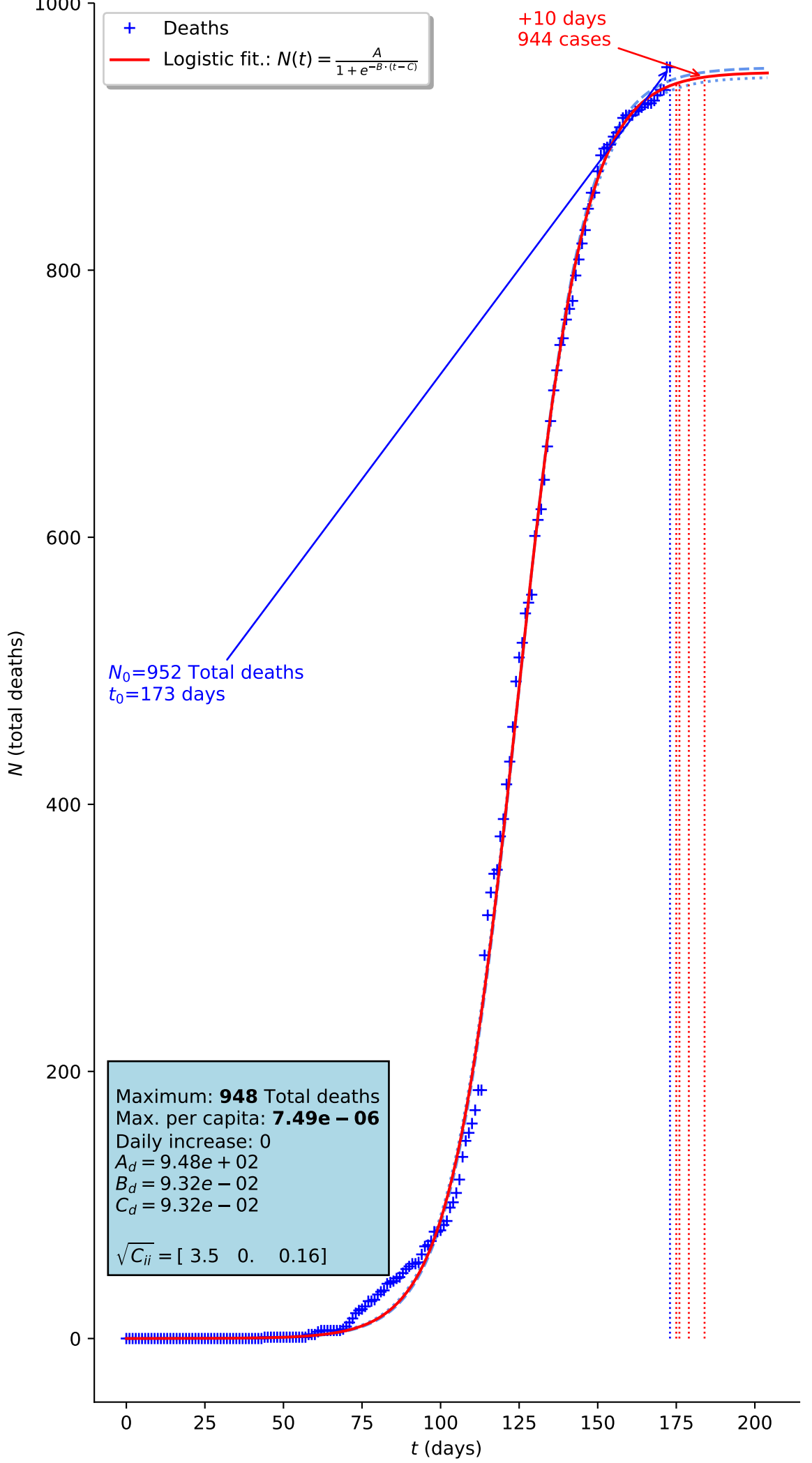
Japan - Confirmed cases  $N(t)$  - Population: 126 529 100 people



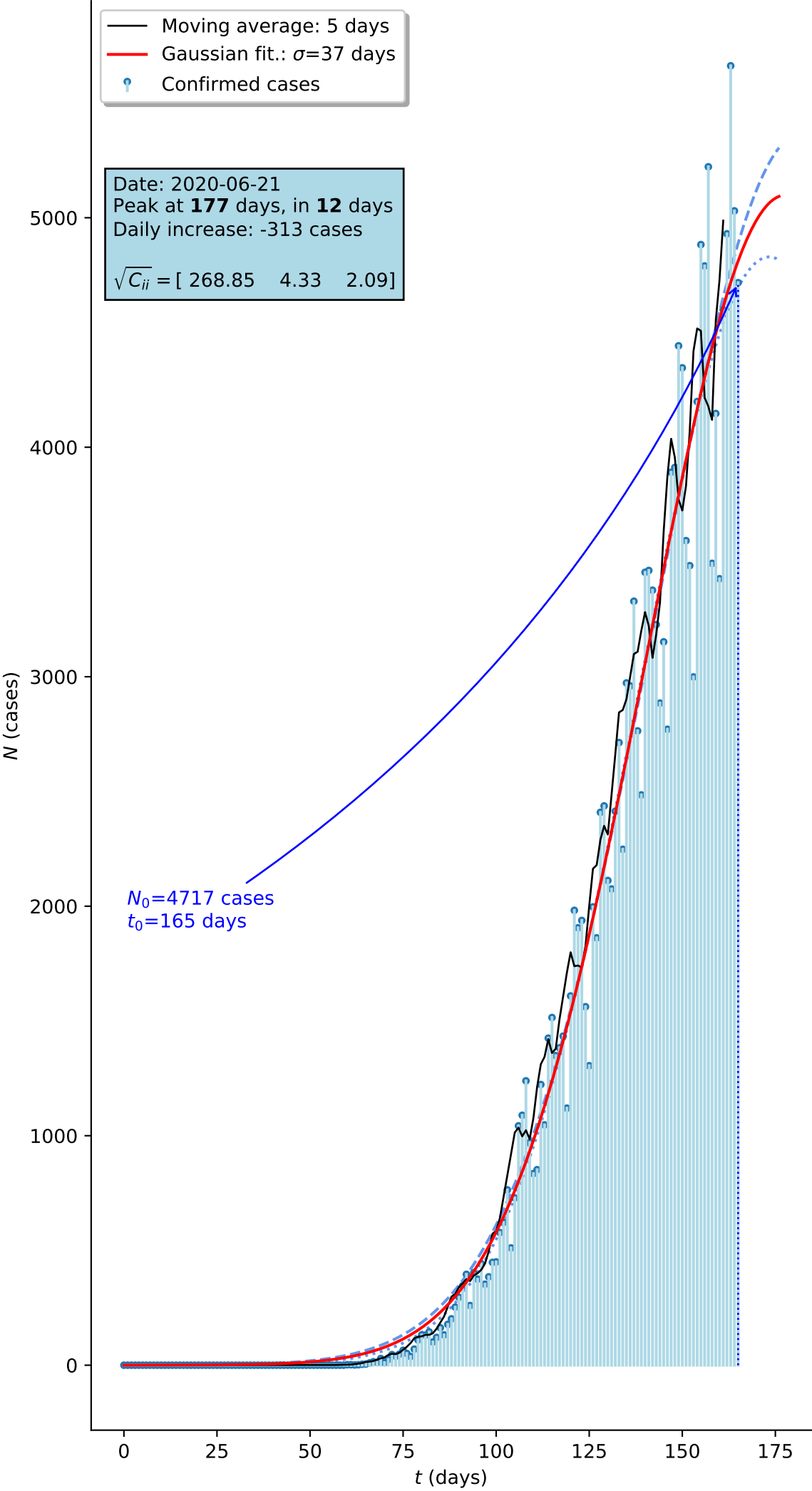
Japan - Total confirmed cases  $N(t)$



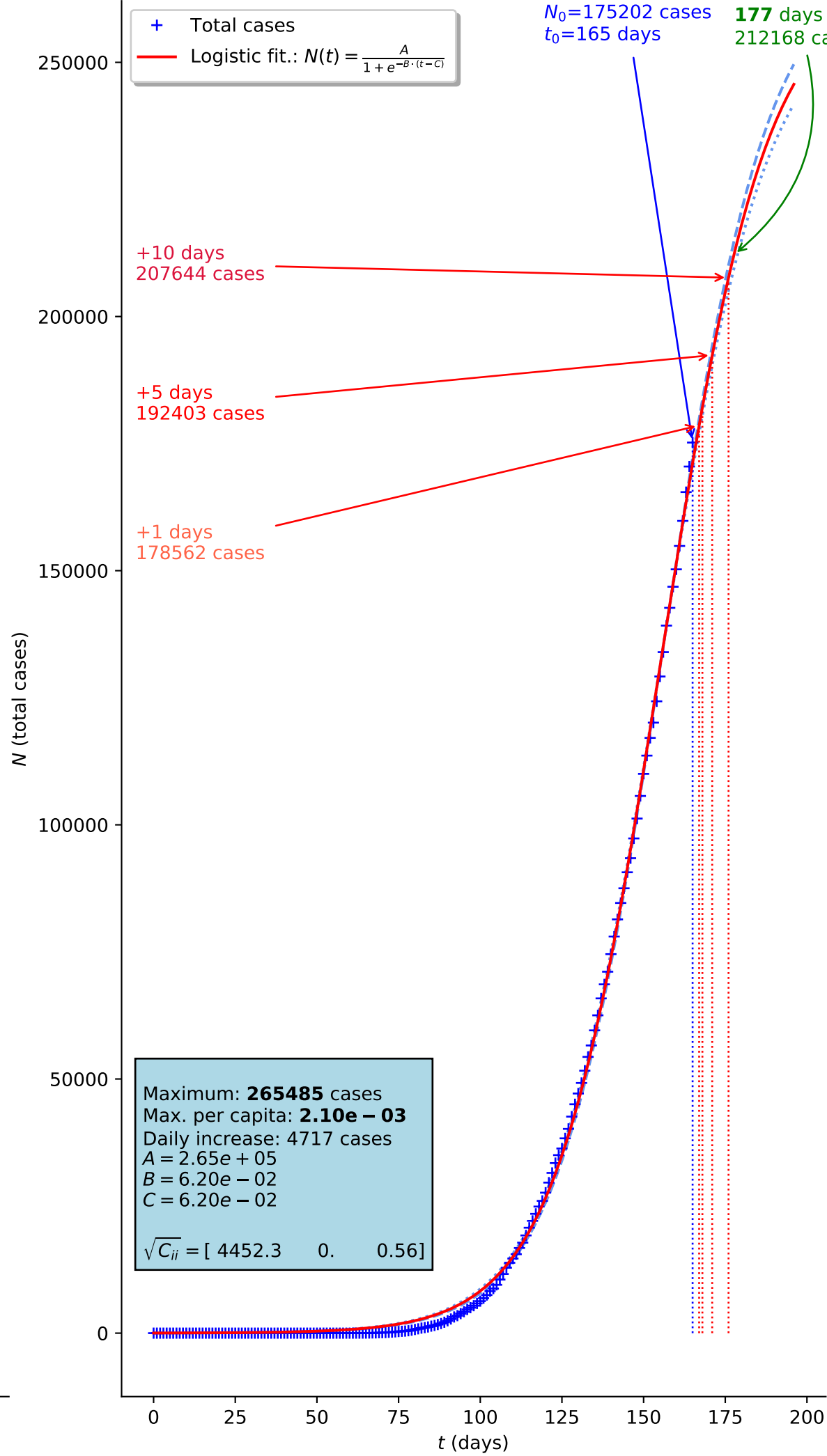
Japan - Total deaths  $N(t)$



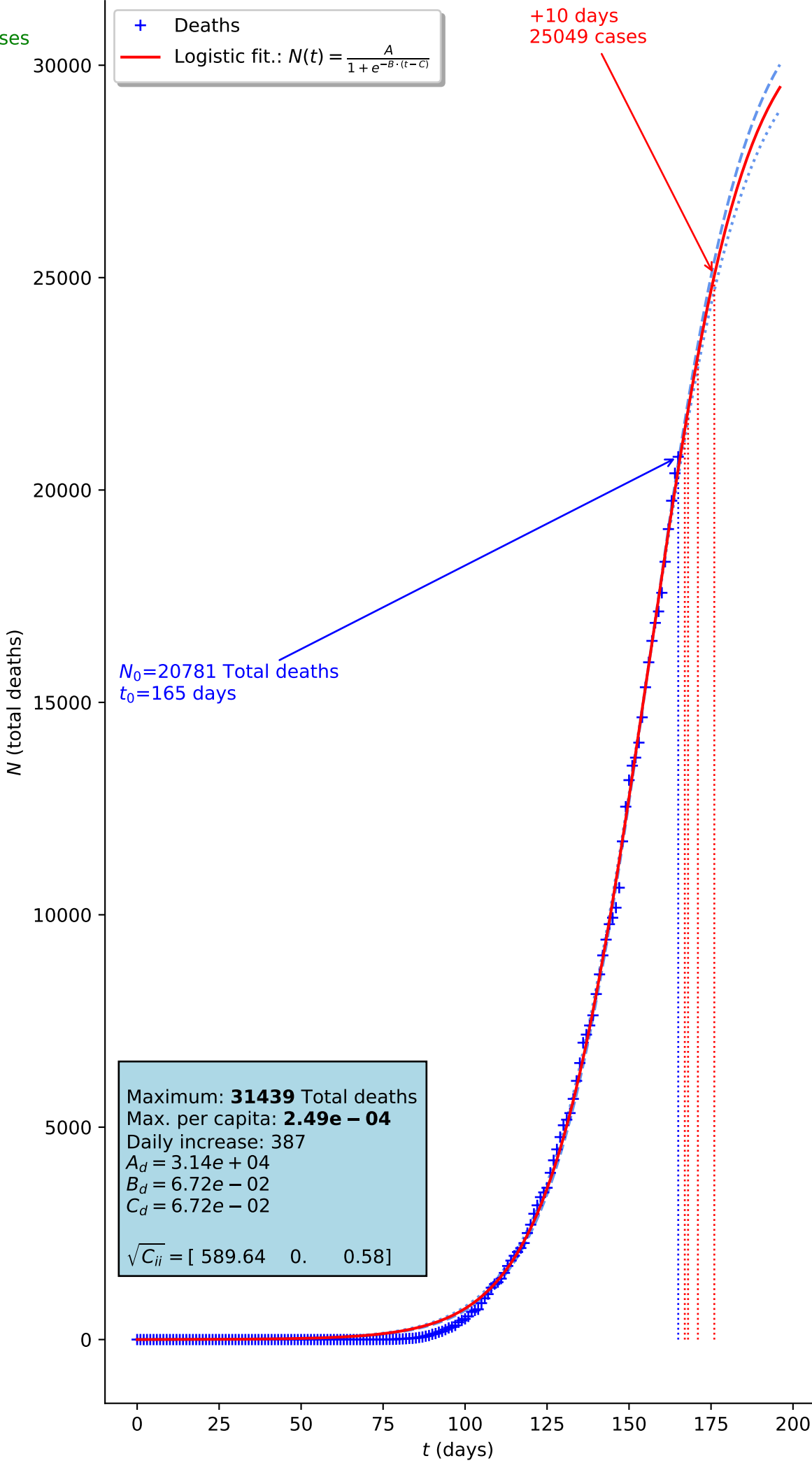
Mexico - Confirmed cases  $N(t)$  - Population: 126 190 788 people

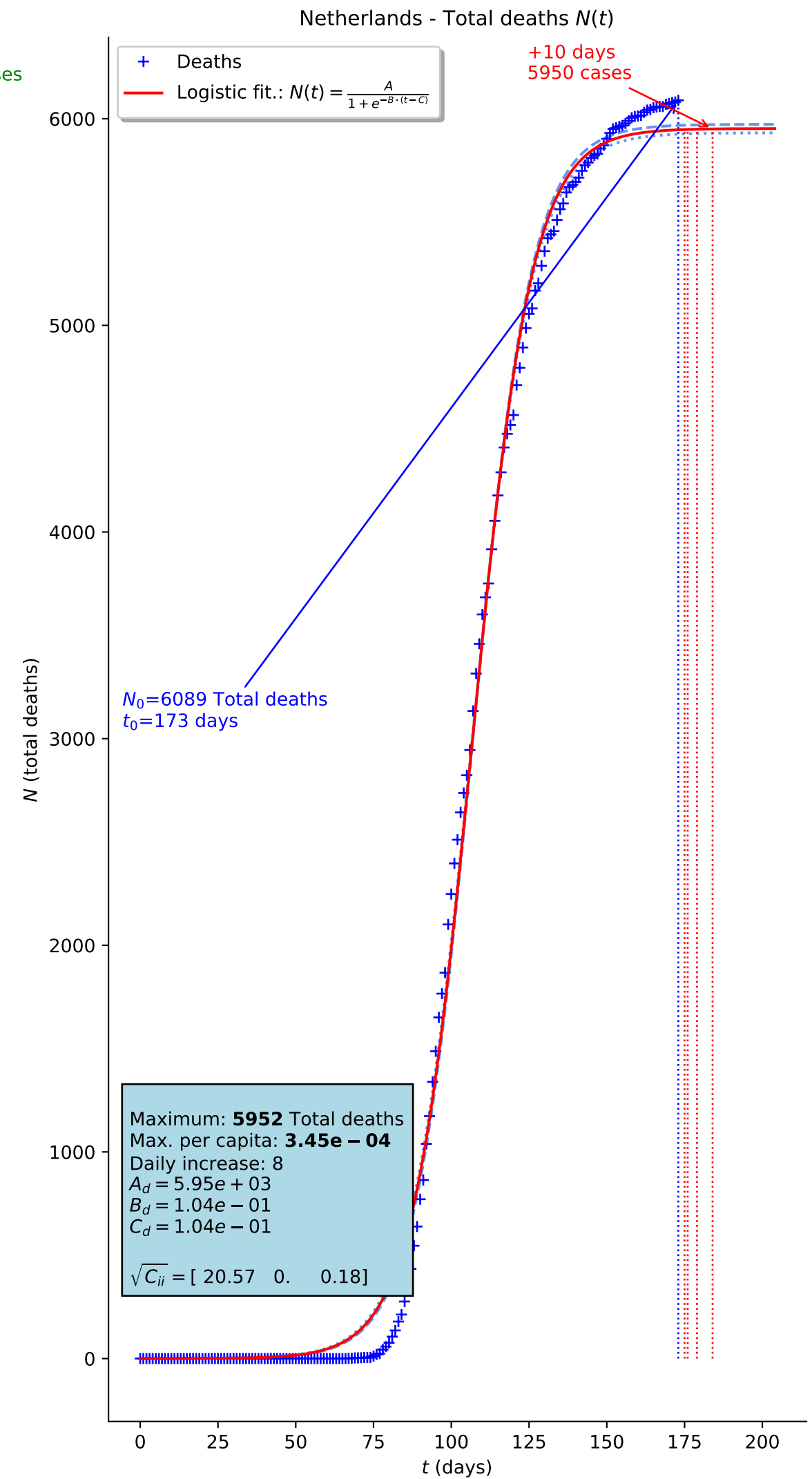
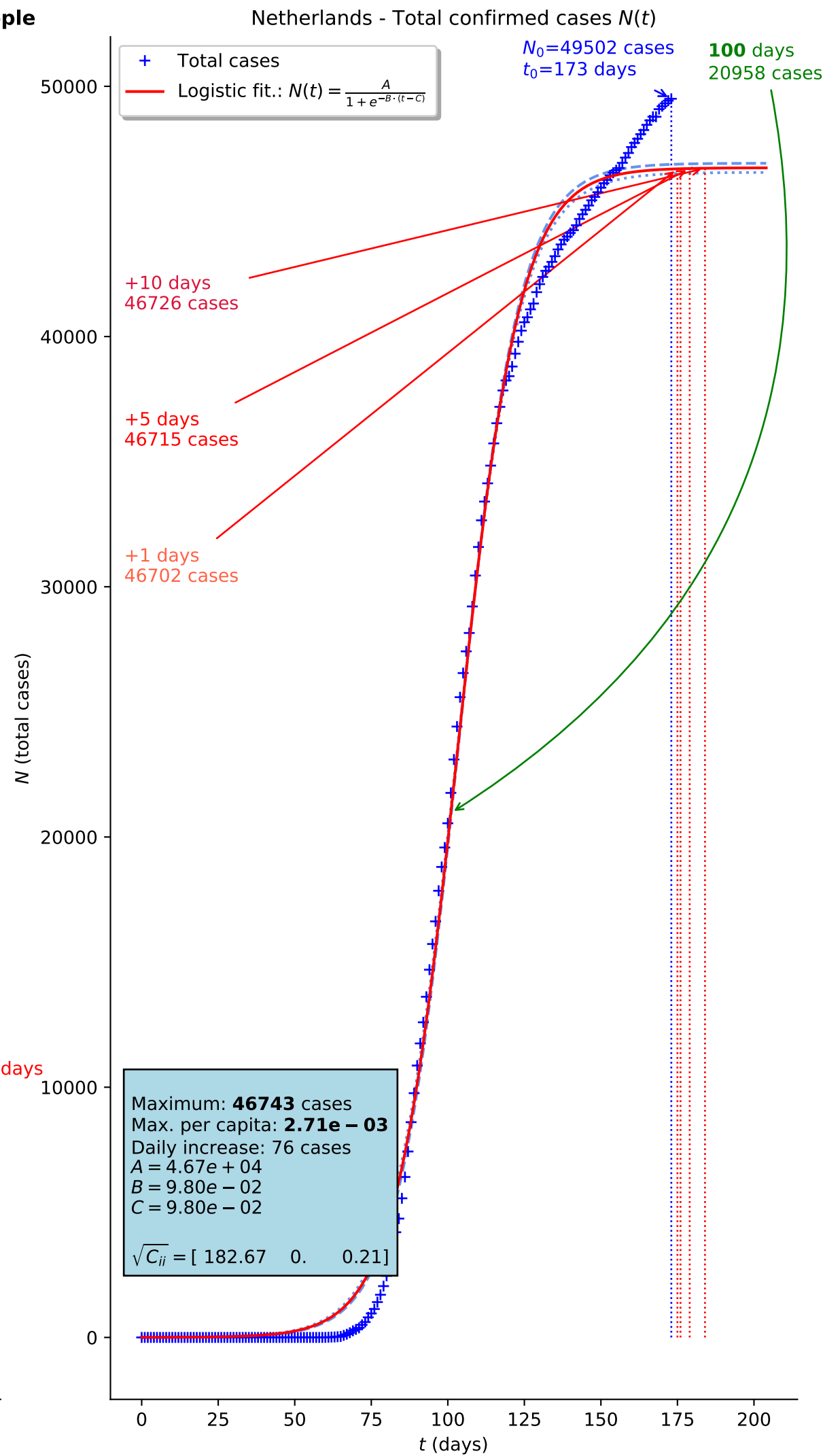
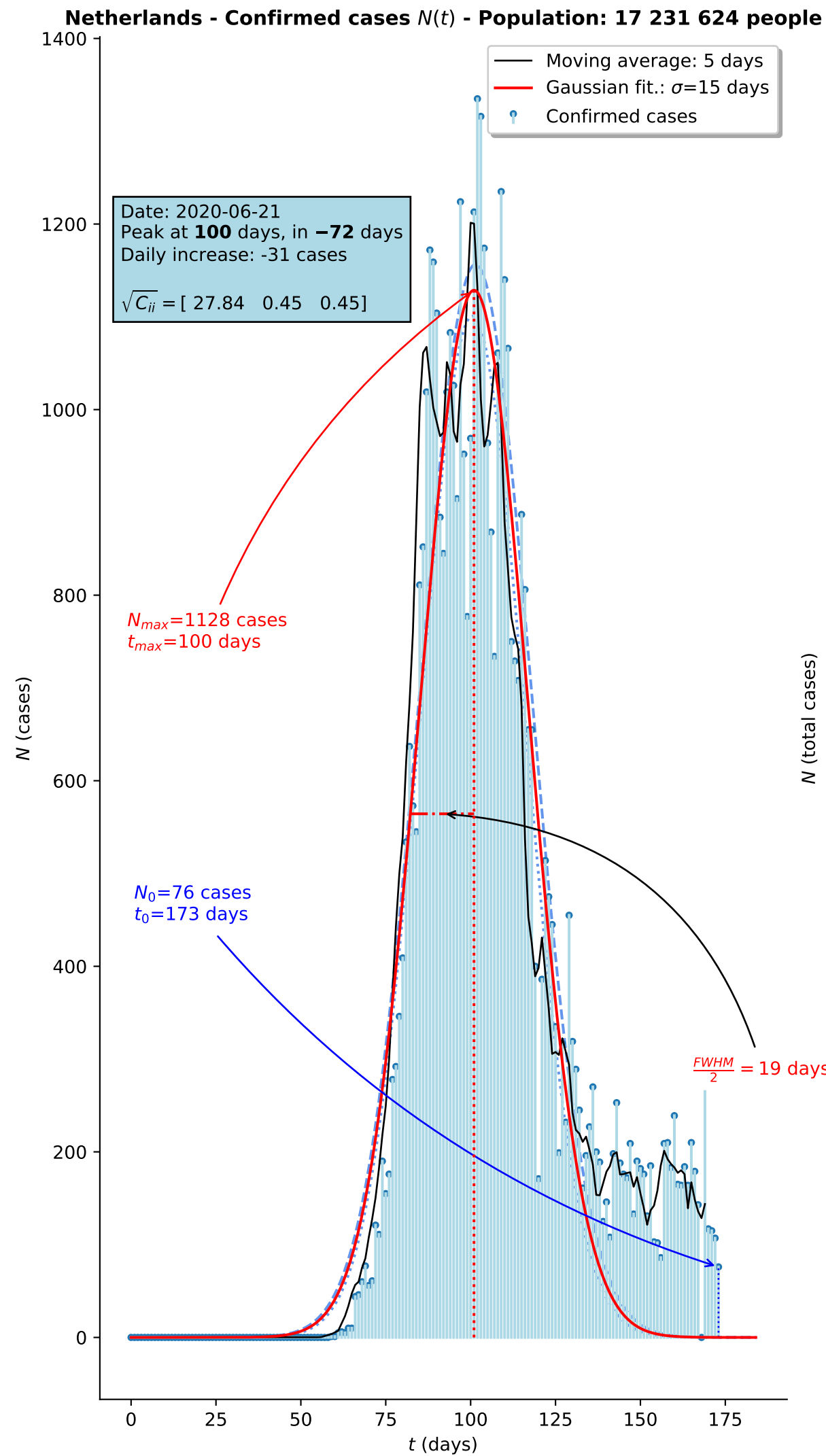


Mexico - Total confirmed cases  $N(t)$



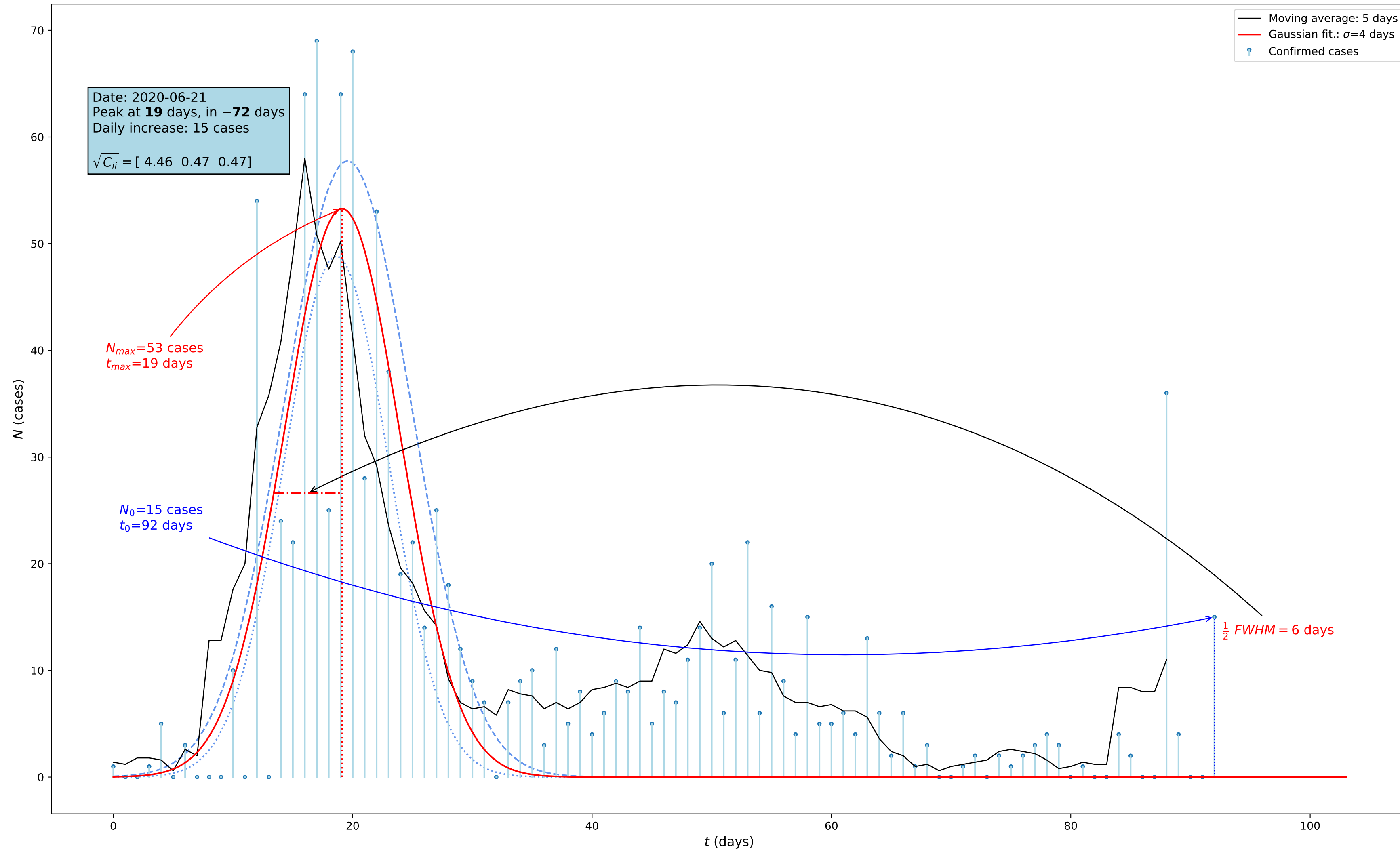
Mexico - Total deaths  $N(t)$



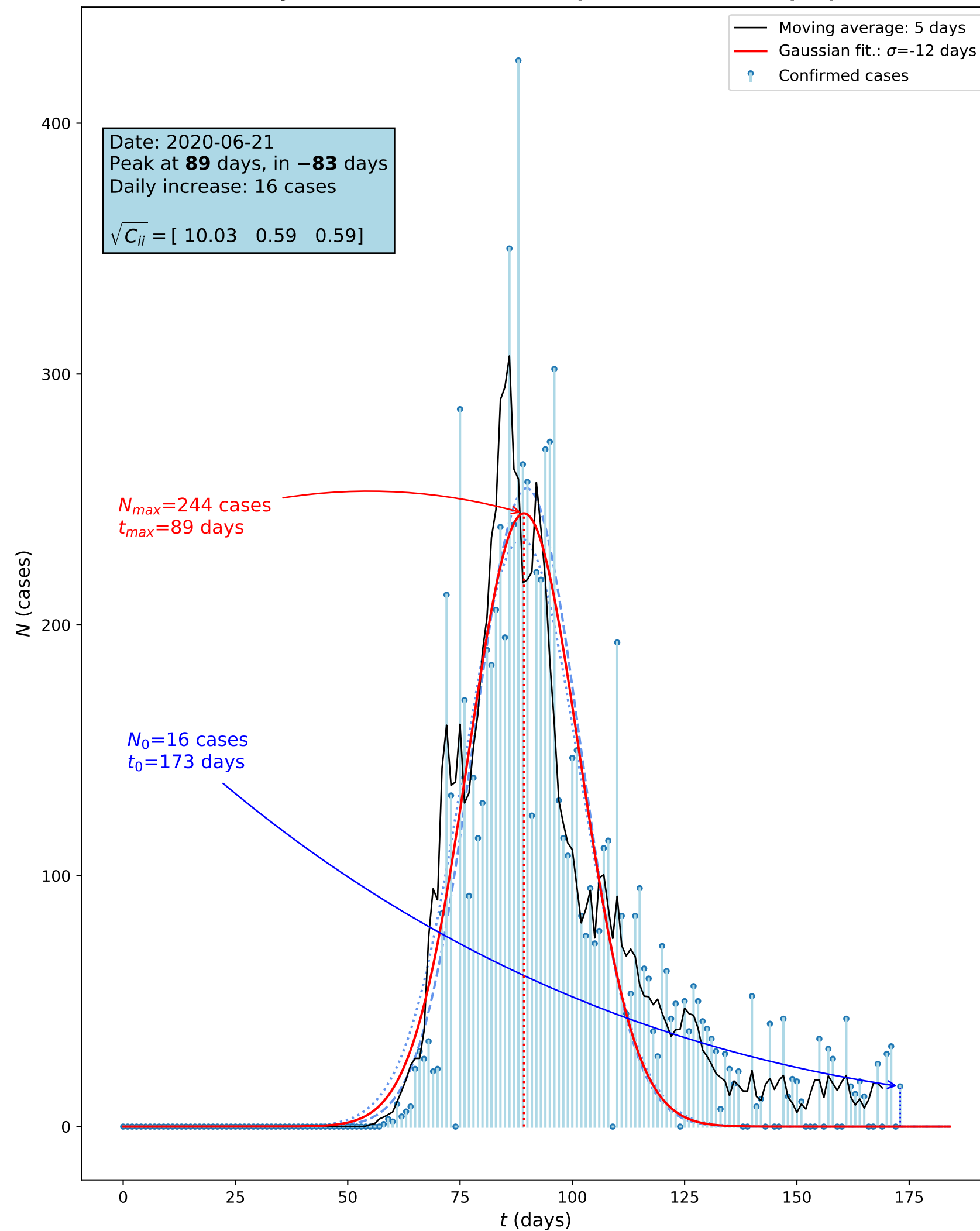




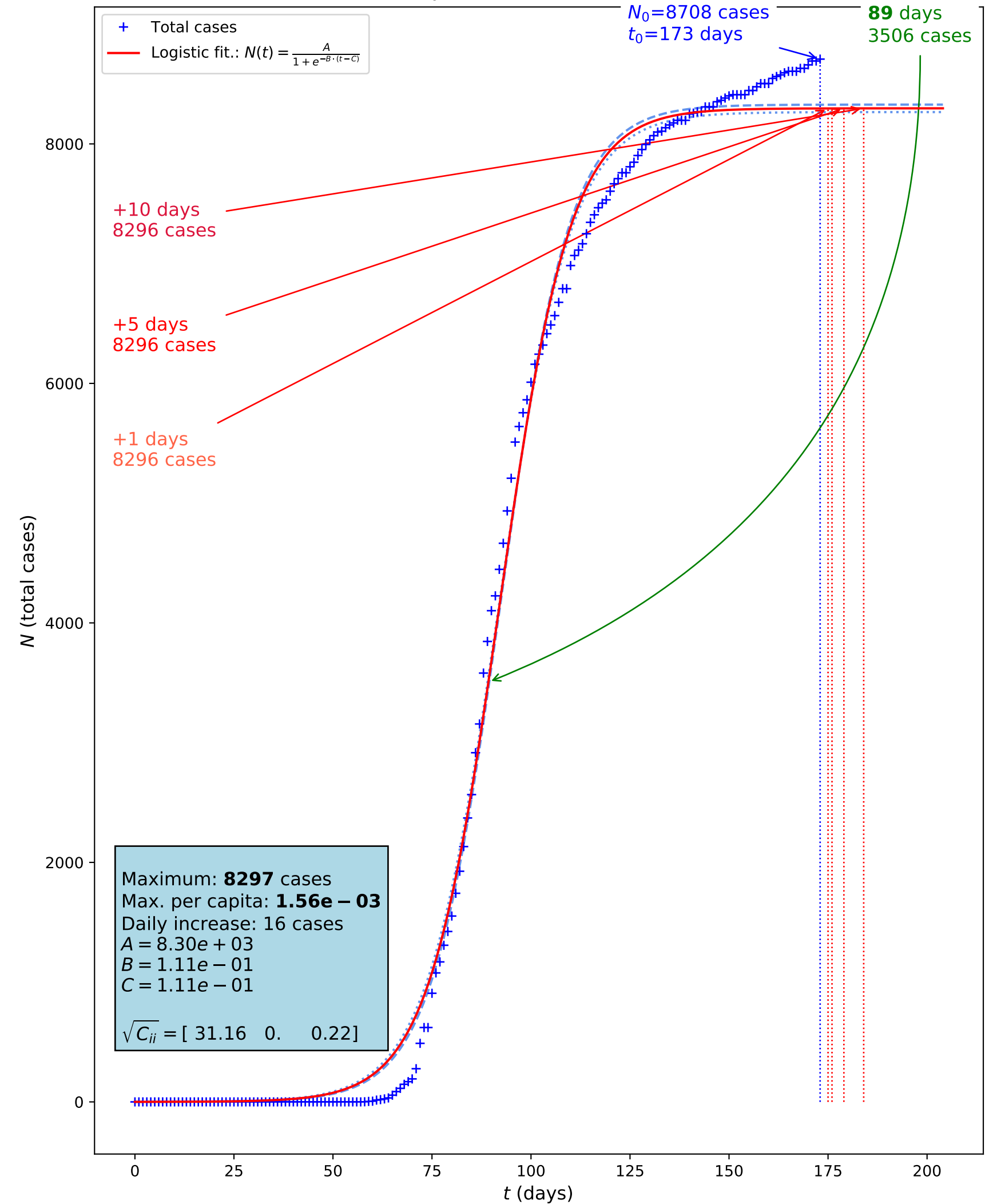
Niger - Confirmed cases  $N(t)$  - Population: 22 442 948 people



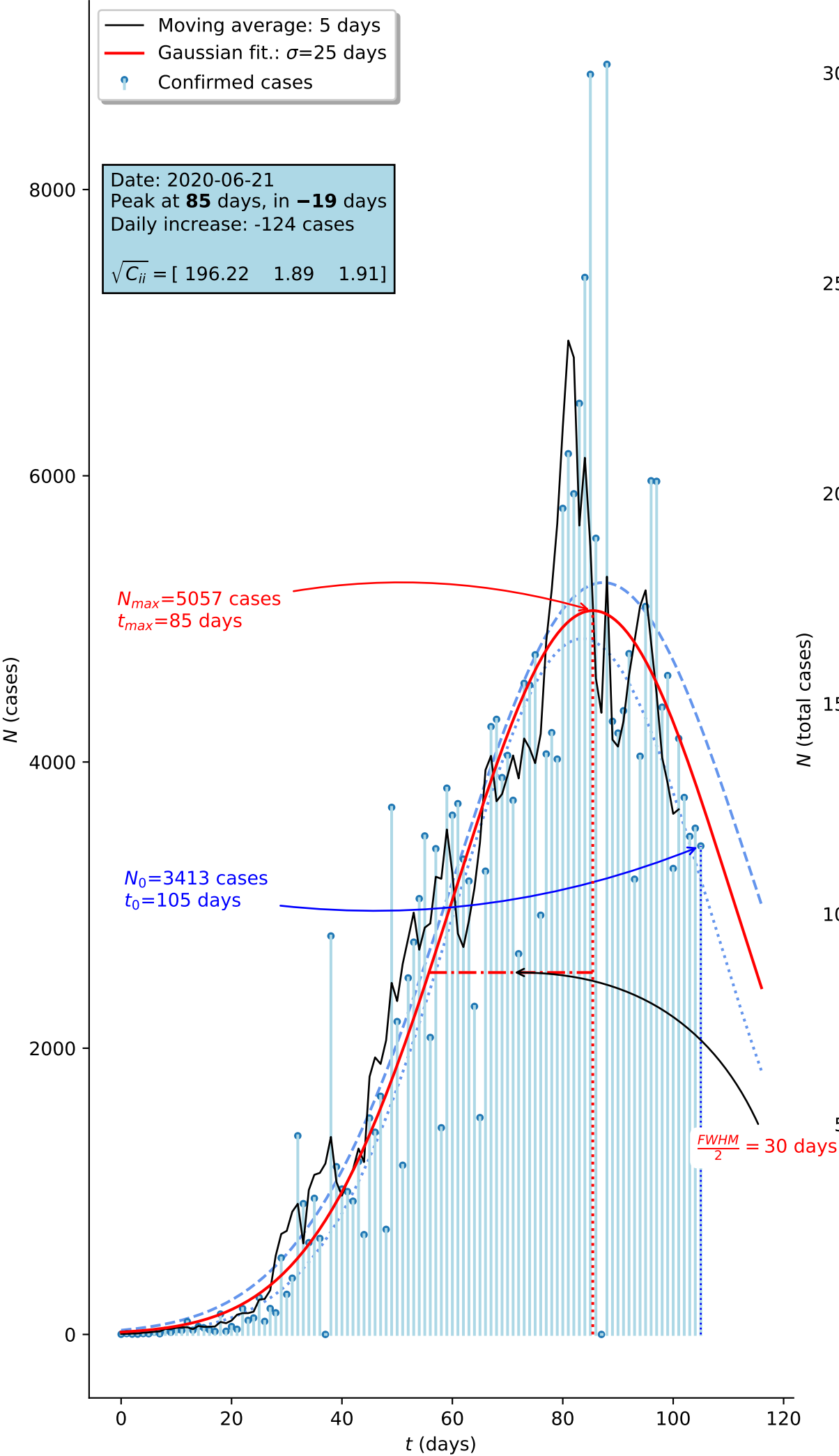
Norway - Confirmed cases  $N(t)$  - Population: 5 311 916 people



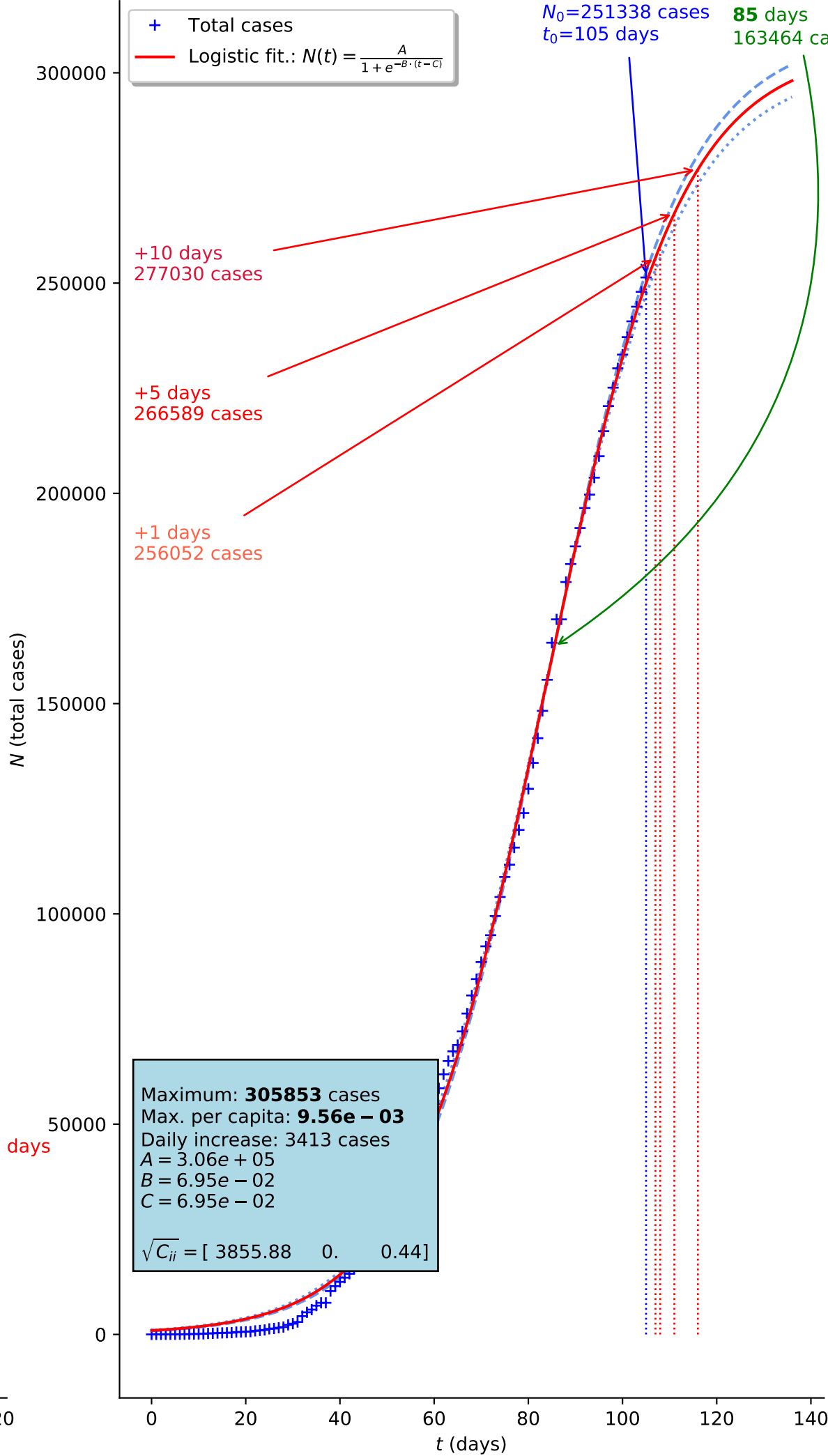
Norway - Total confirmed cases  $N(t)$



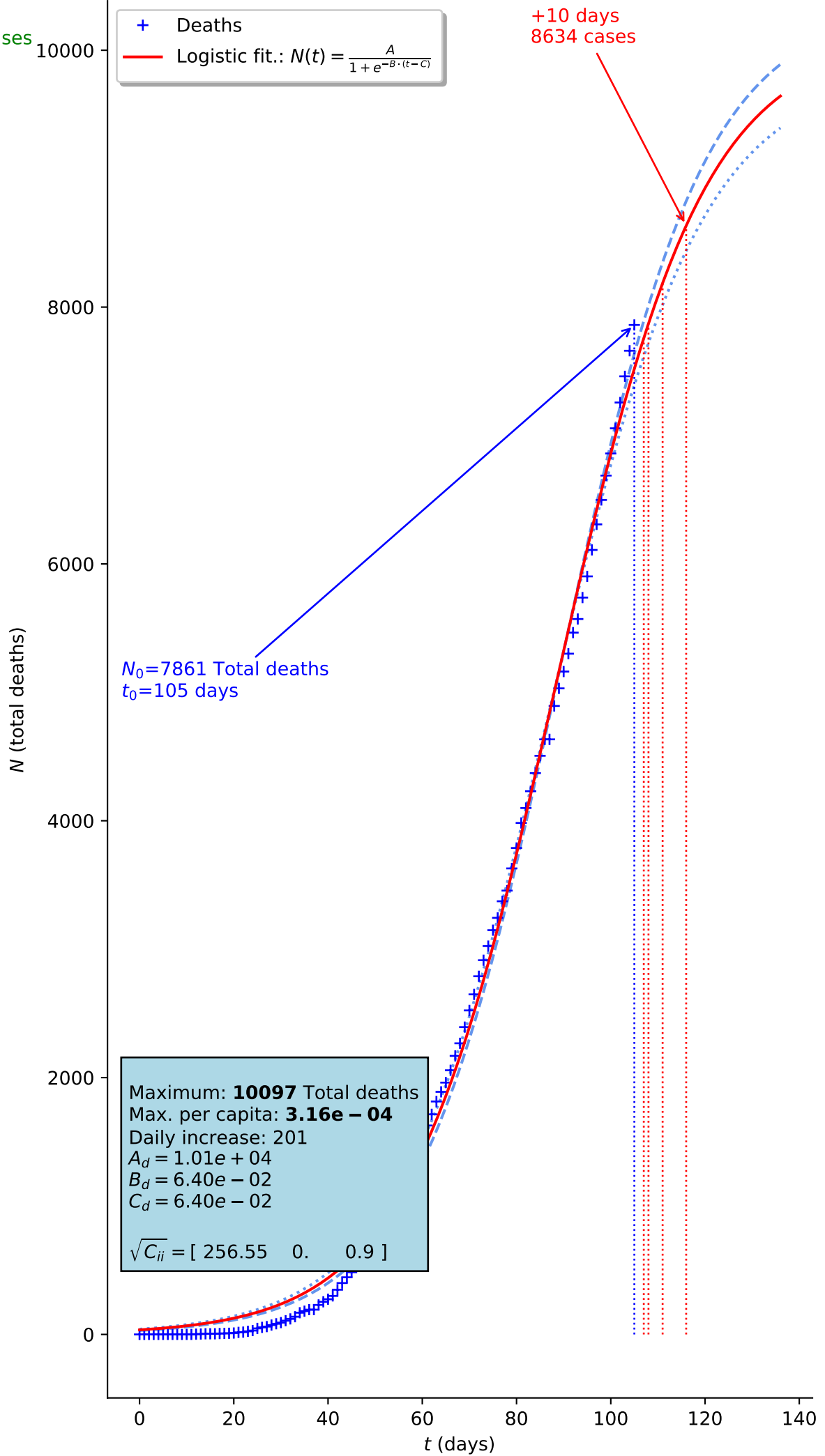
Peru - Confirmed cases  $N(t)$  - Population: 31 989 256 people



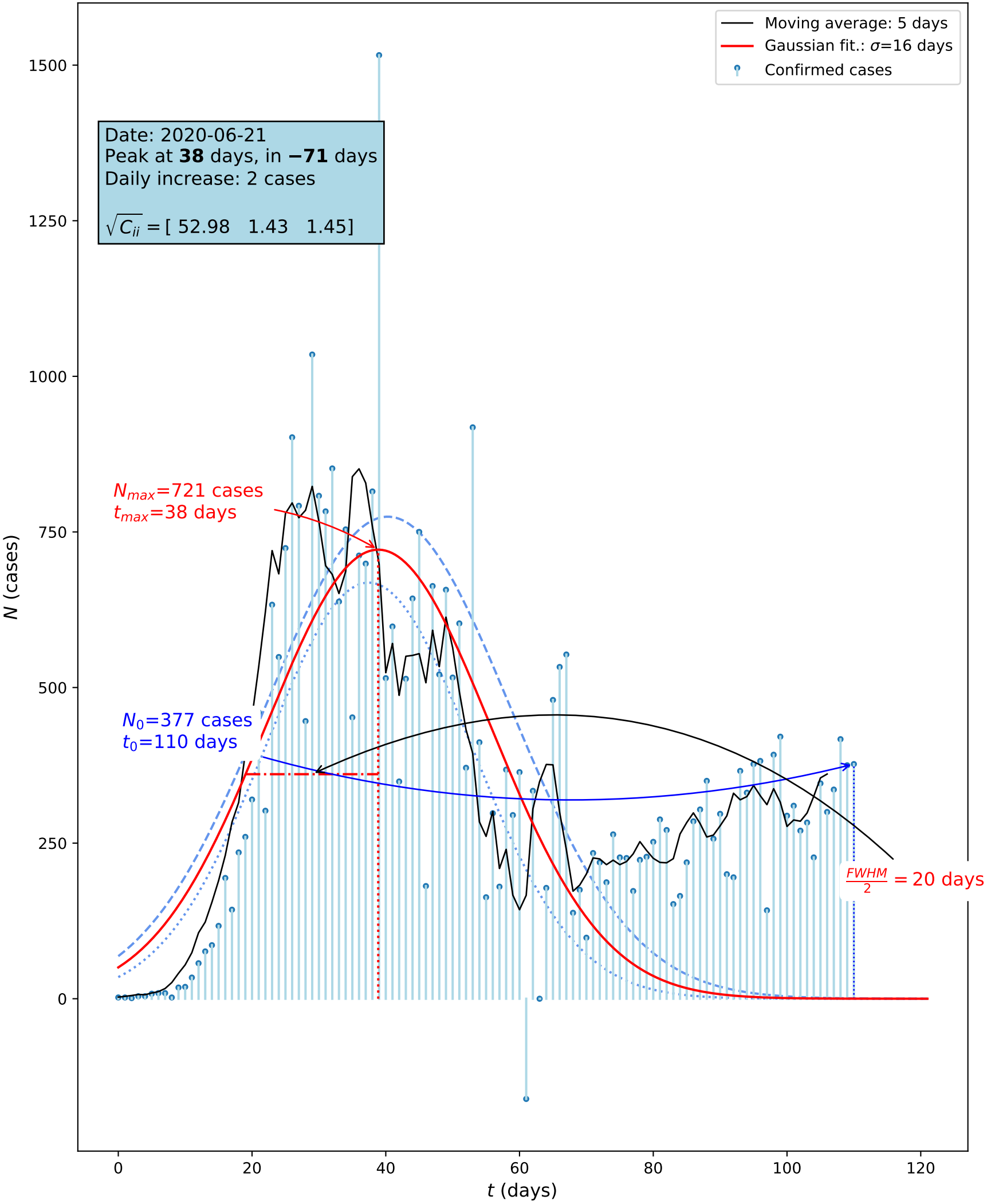
Peru - Total confirmed cases  $N(t)$



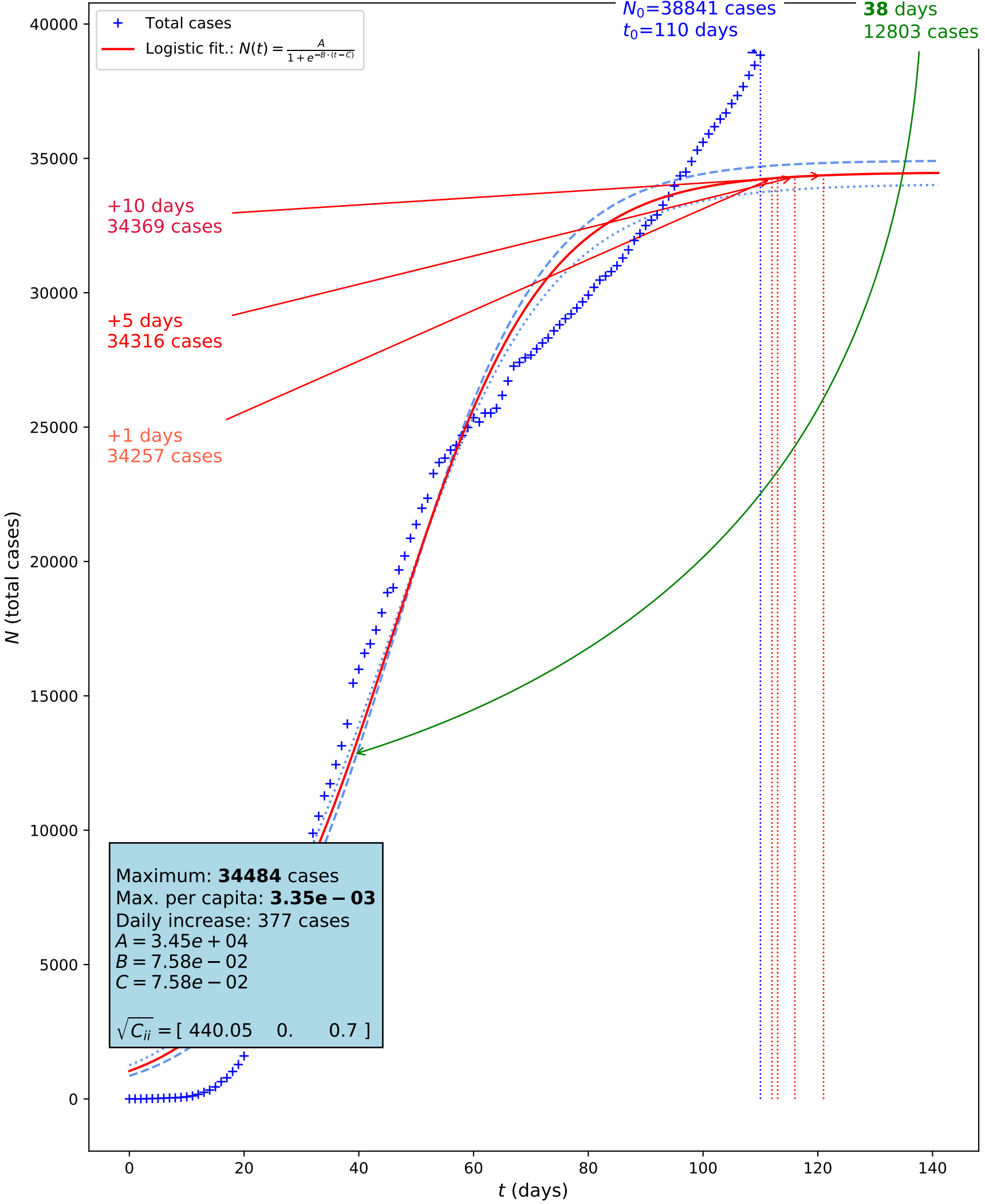
Peru - Total deaths  $N(t)$



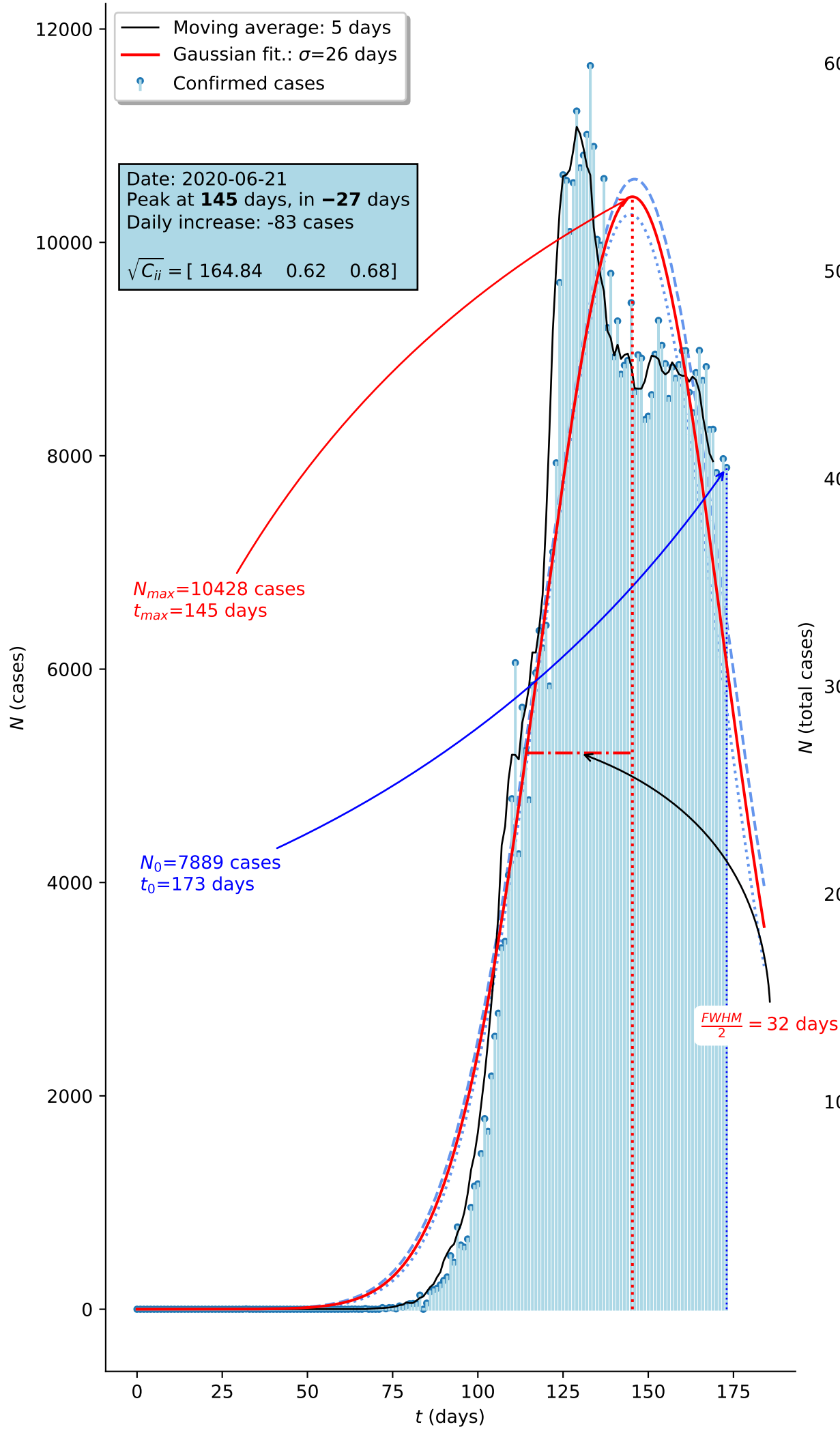
Portugal - Confirmed cases  $N(t)$  - Population: 10 283 822 people



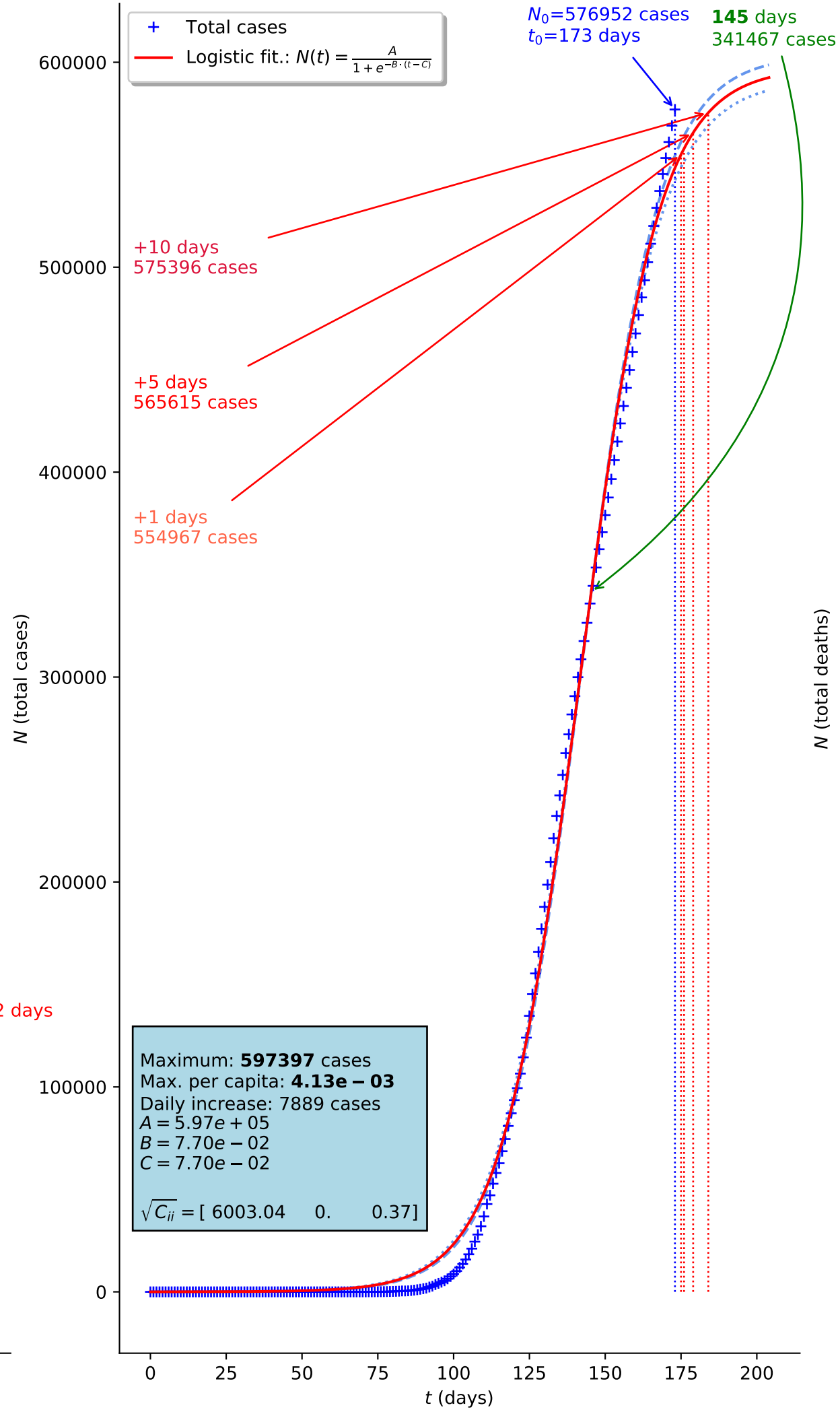
Portugal - Total confirmed cases  $N(t)$



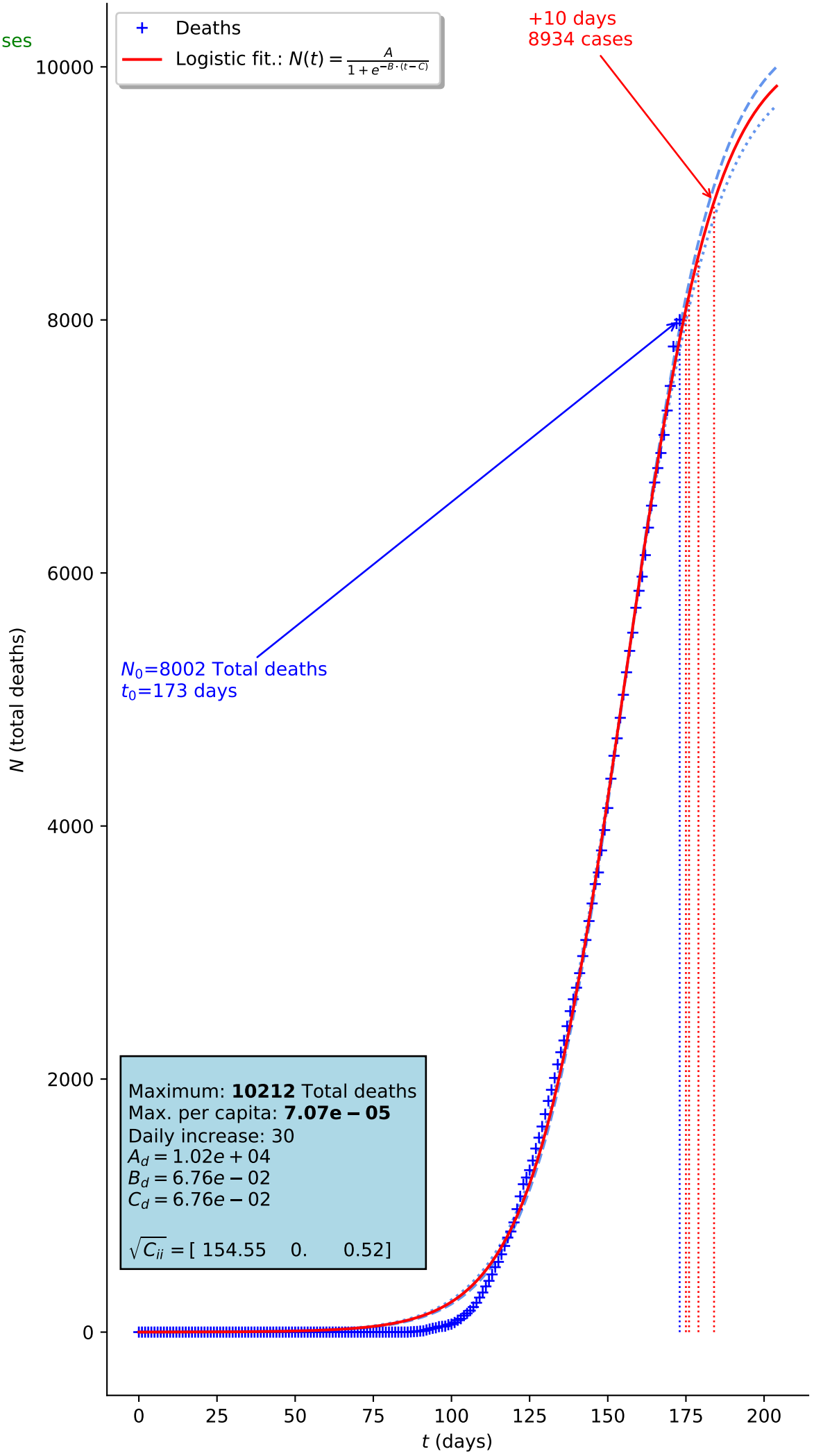
Russia - Confirmed cases  $N(t)$  - Population: 144 478 050 people



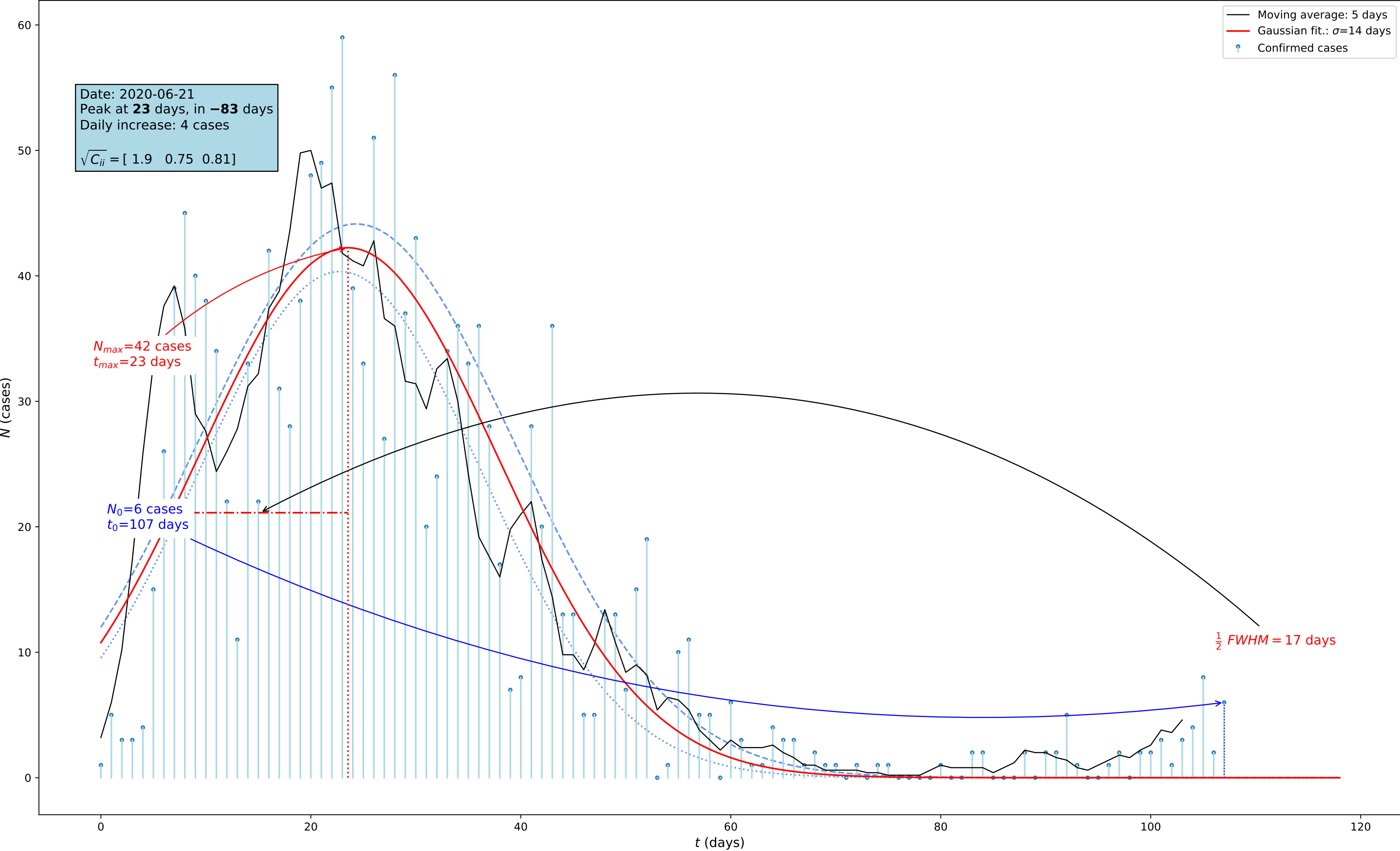
Russia - Total confirmed cases  $N(t)$



Russia - Total deaths  $N(t)$

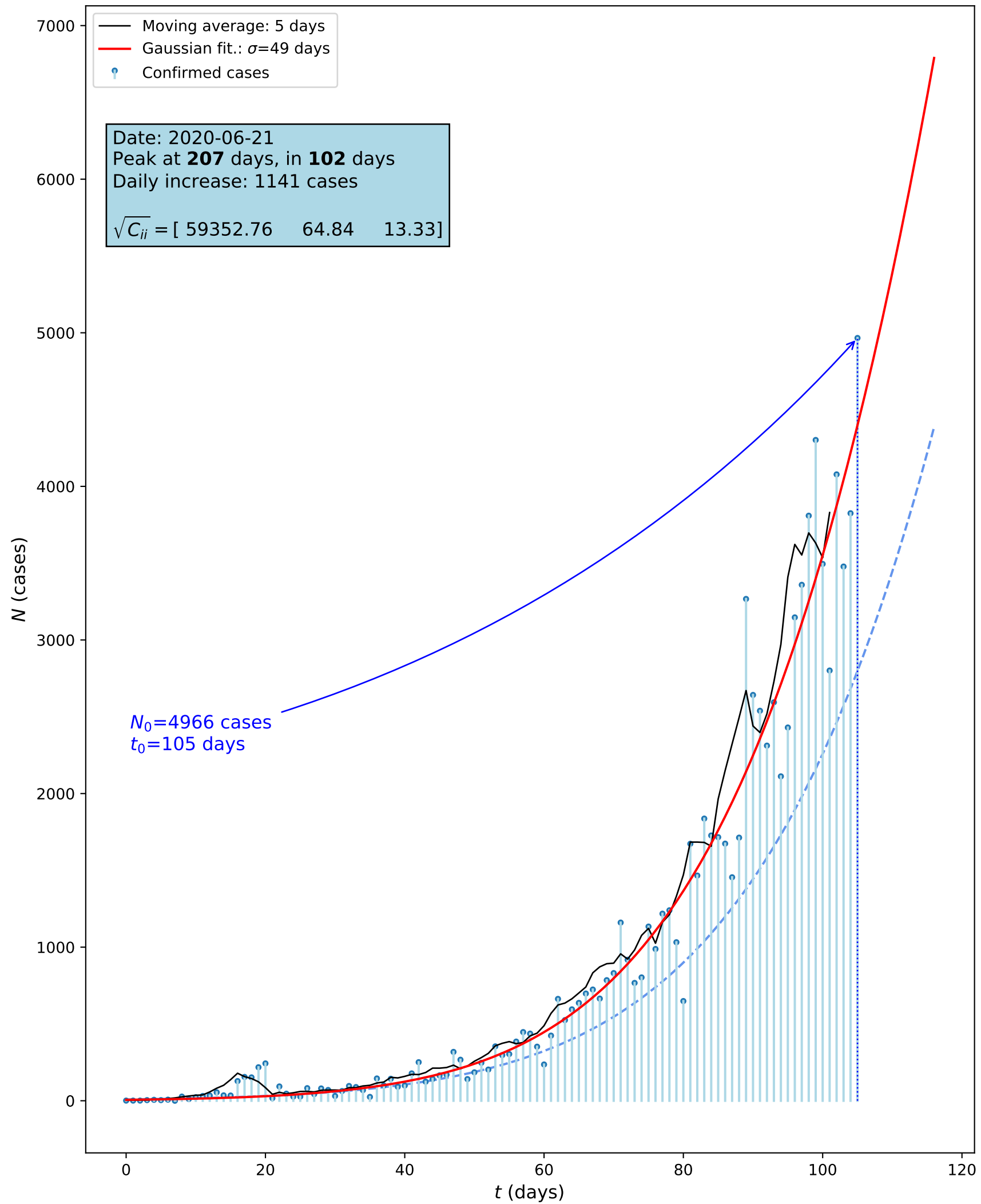


Slovenia - Confirmed cases  $N(t)$  - Population: 2 073 894 people

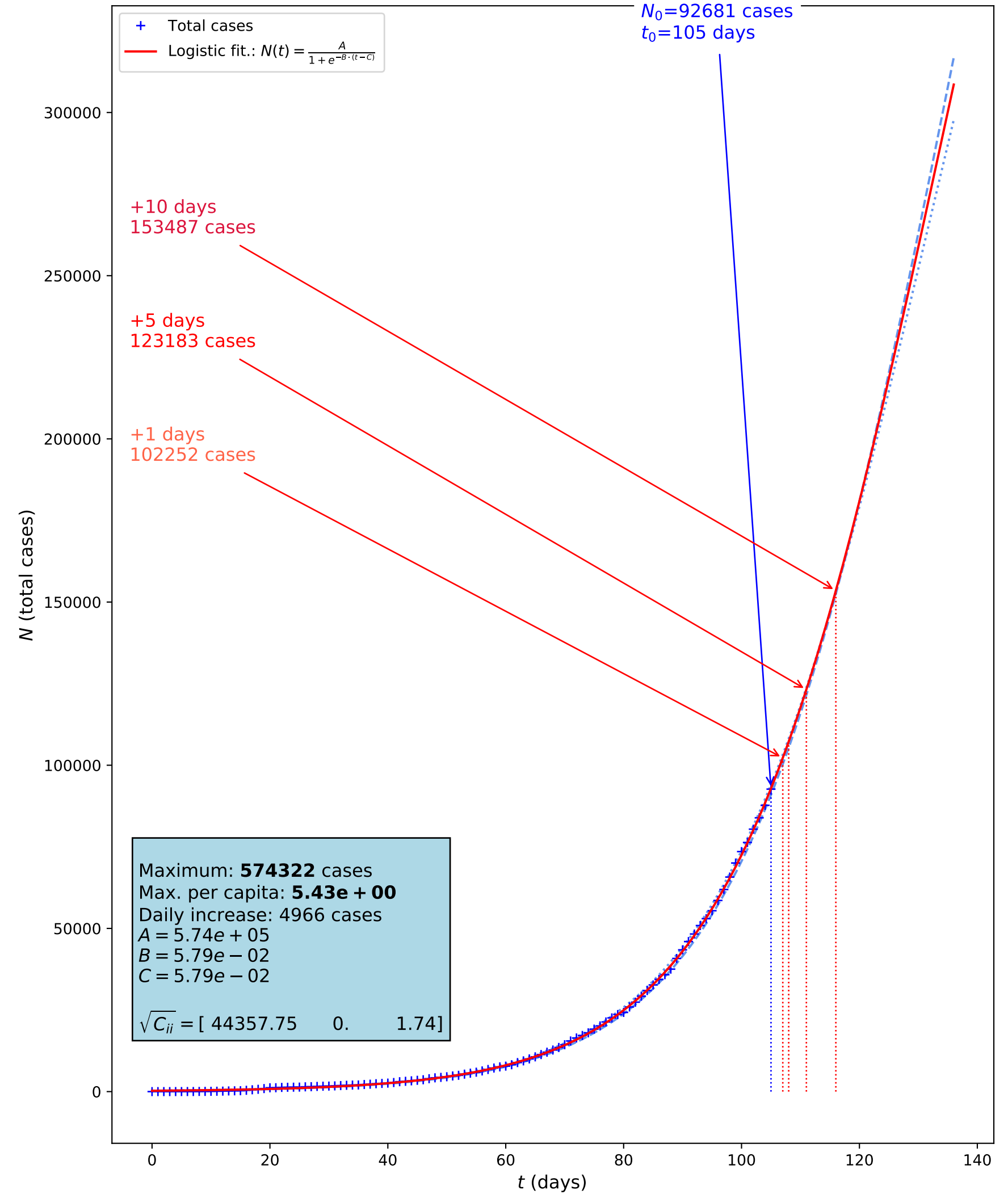




South\_Africa - Confirmed cases  $N(t)$  - Population: 105 845 people



South\_Africa - Total confirmed cases  $N(t)$





— Moving average: 5 days  
— Gaussian fit.:  $\sigma=54$  days  
• Confirmed cases

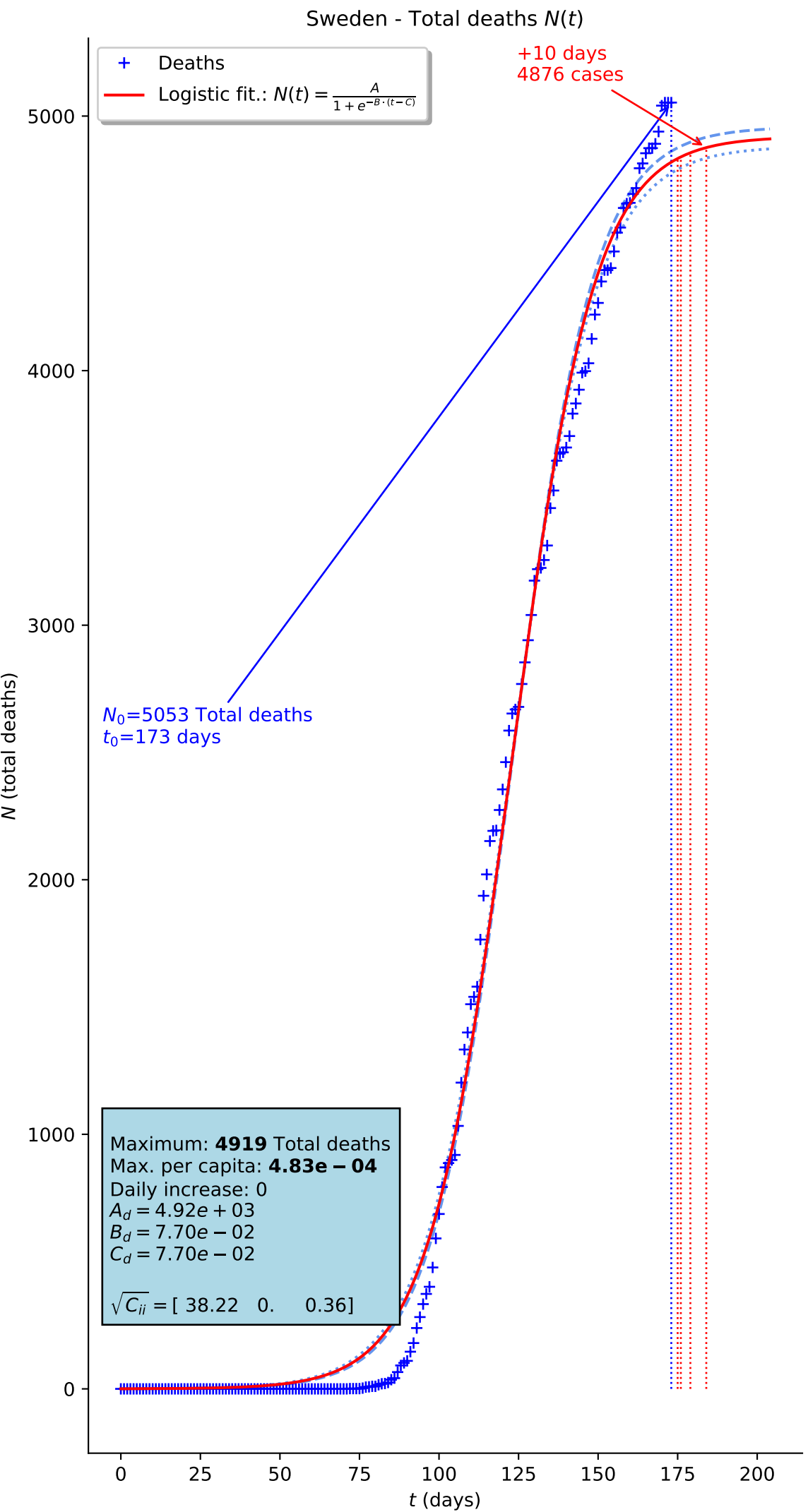
Date: 2020-06-21  
Peak at **170** days, in **-2** days  
Daily increase: 0 cases  
 $\sqrt{C_{ij}} = [62.35 \ 12.75 \ 7.98]$

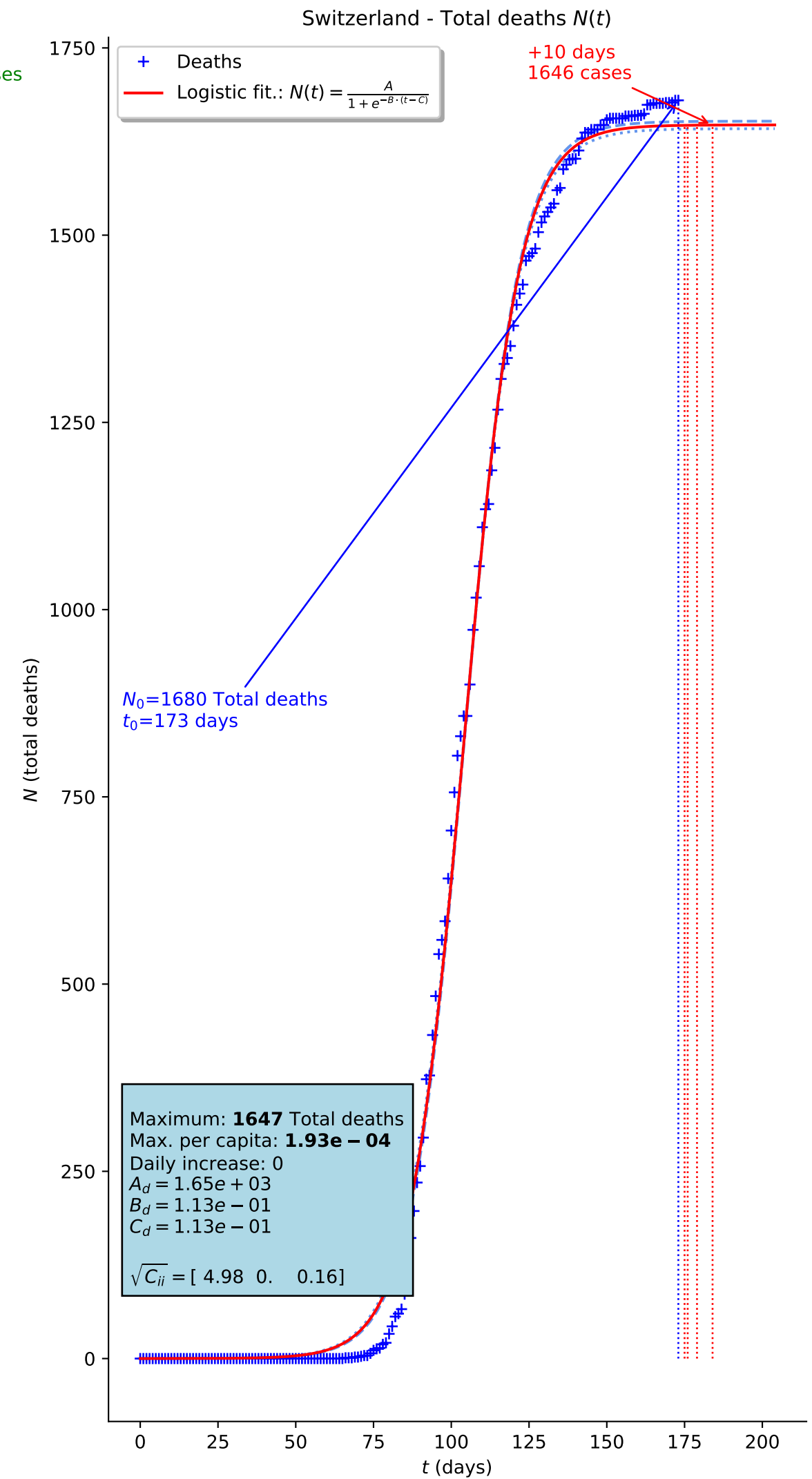
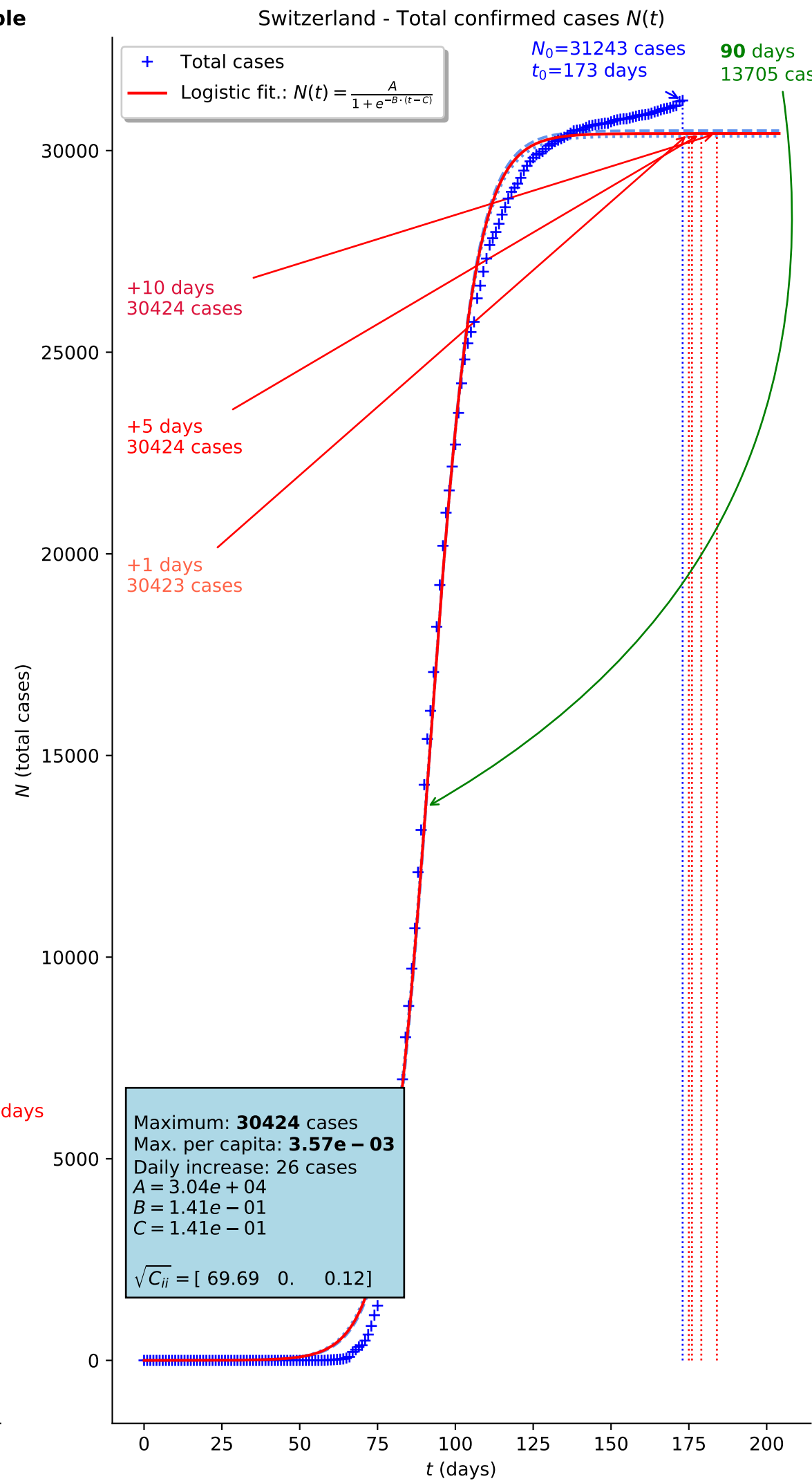
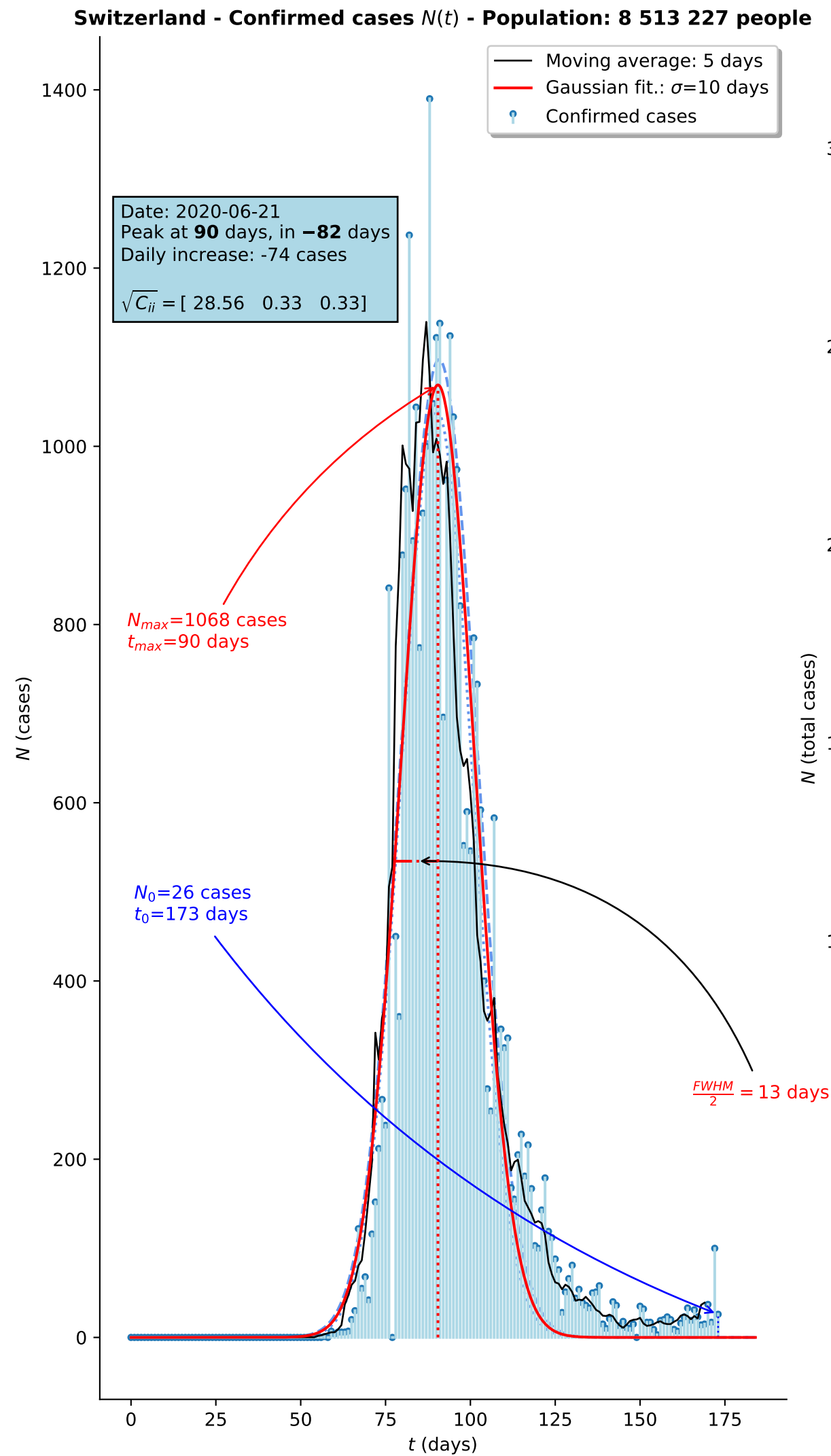
$N_{max}=820$  cases  
 $t_{max}=170$  days

$N_0=0$  cases  
 $t_0=173$  days

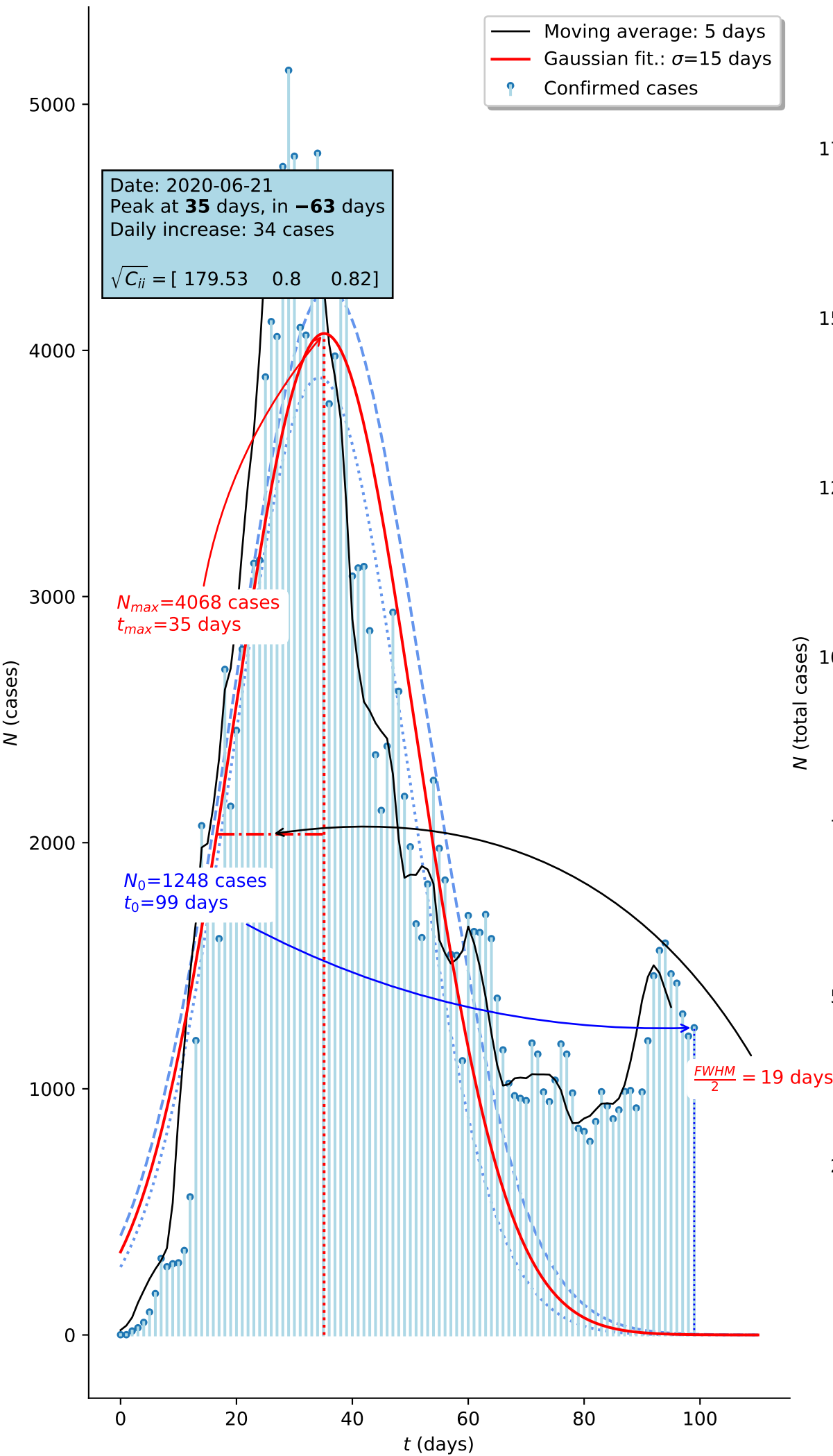
$\frac{FWHM}{2} = 64$

$t$  (days)

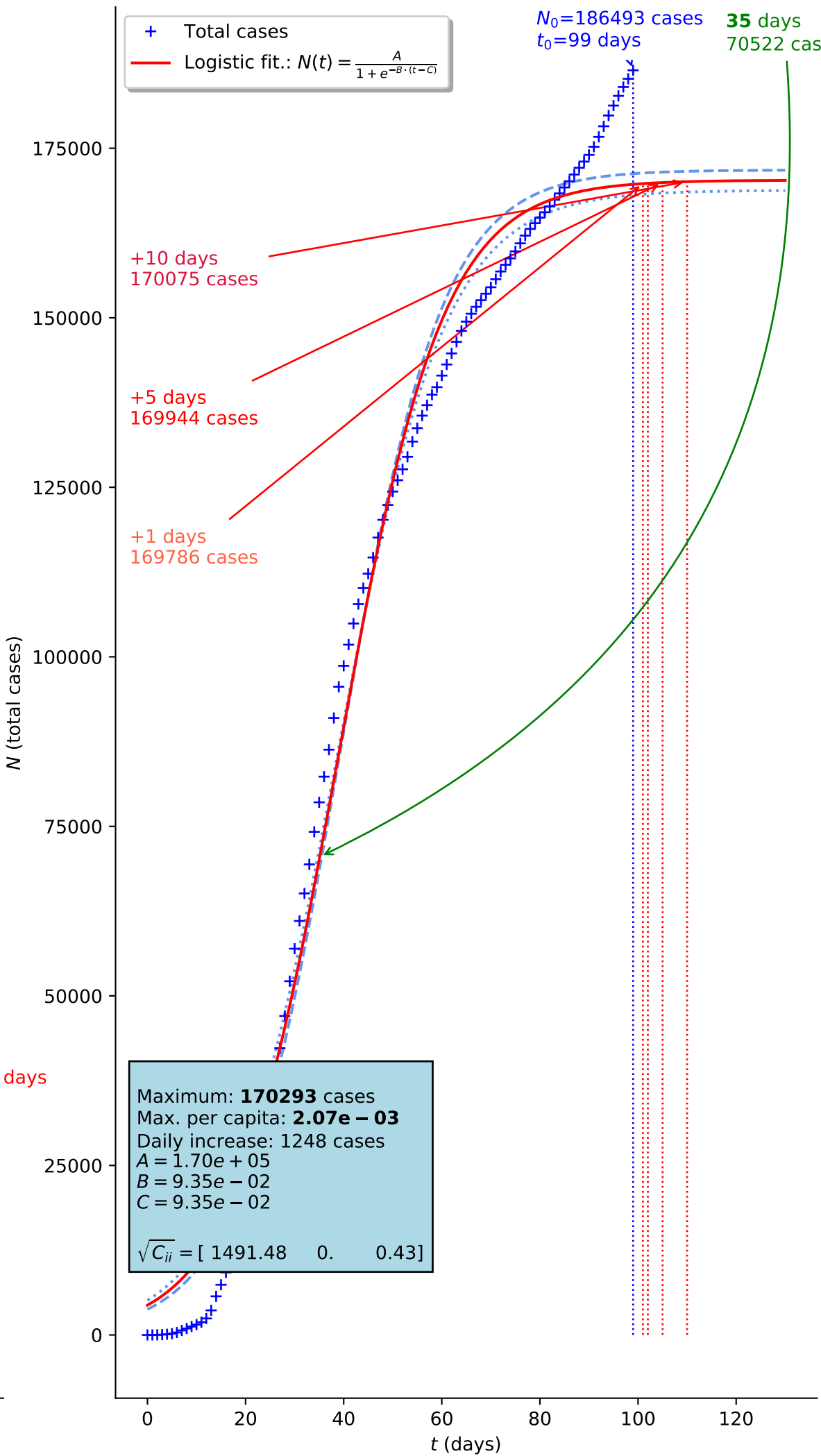




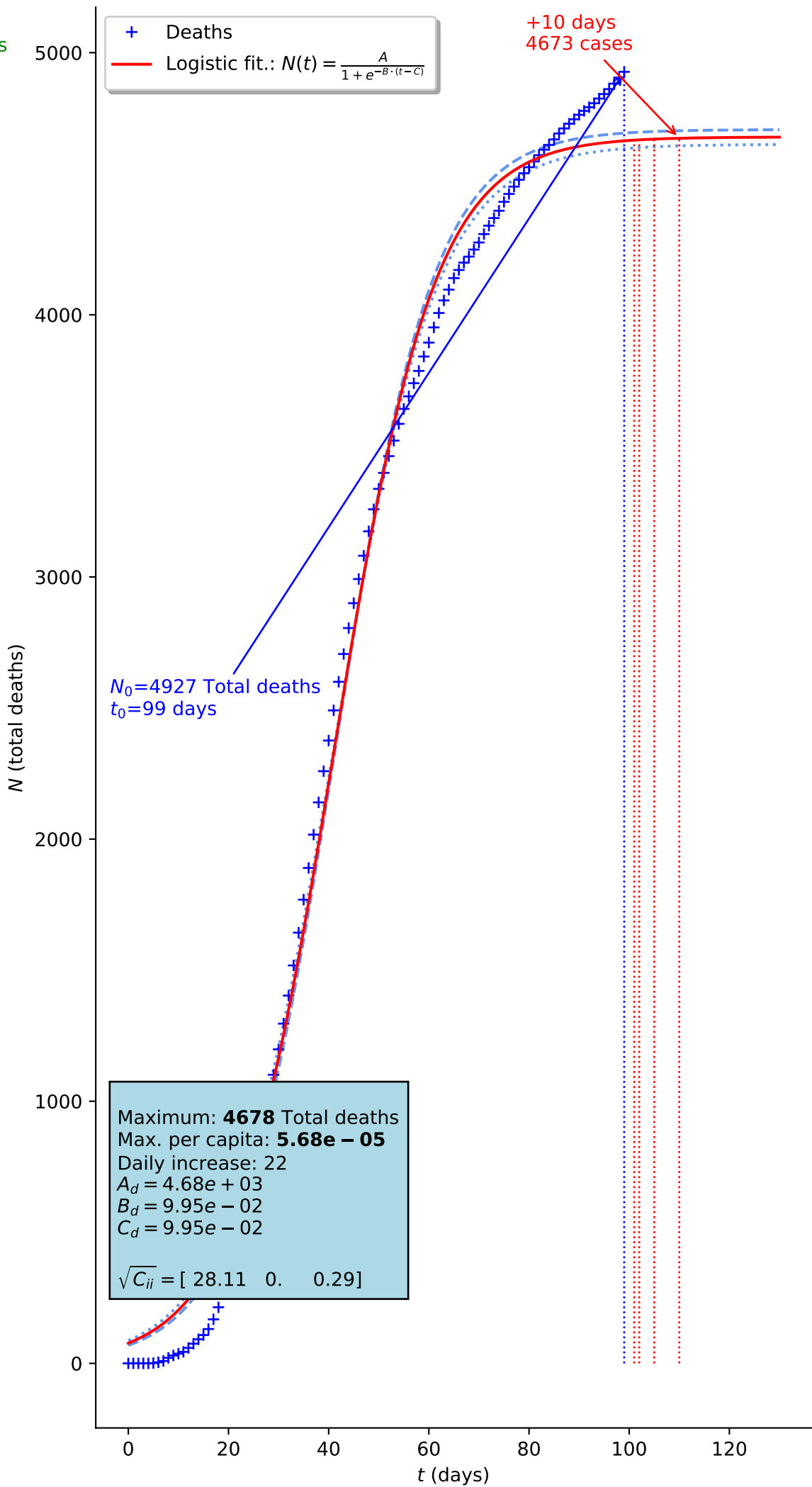
Turkey - Confirmed cases  $N(t)$  - Population: 82 319 724 people



Turkey - Total confirmed cases  $N(t)$

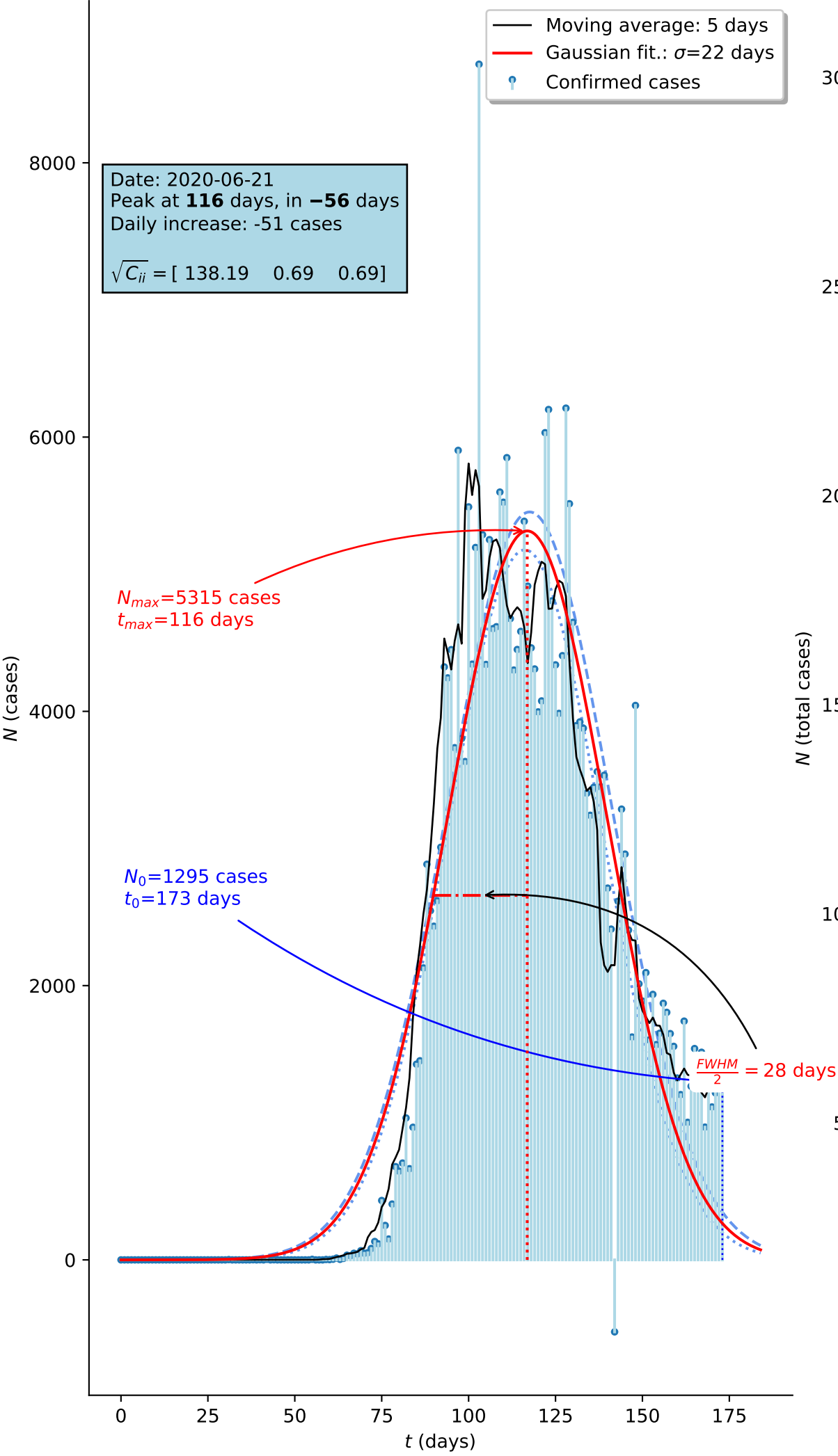


Turkey - Total deaths  $N(t)$

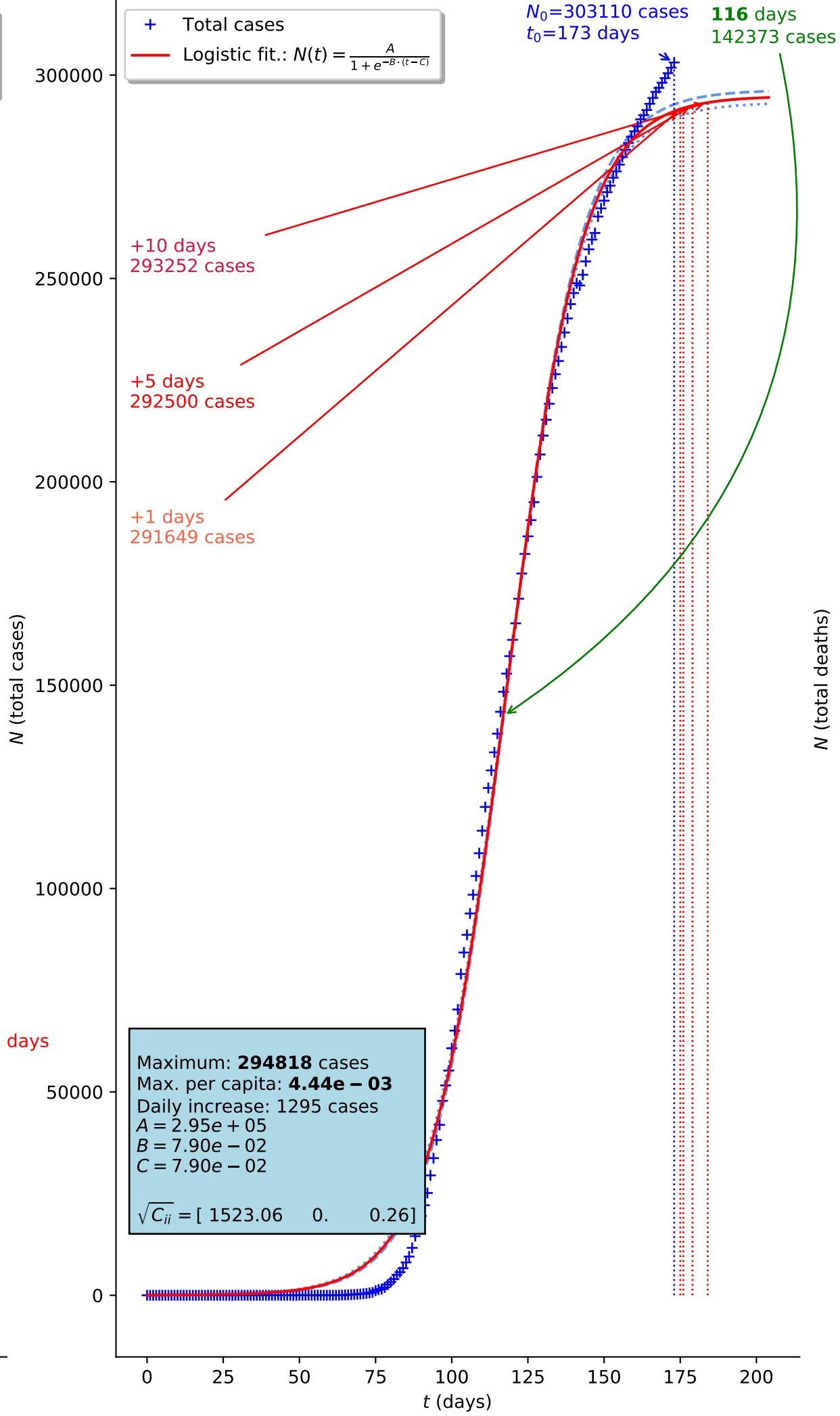




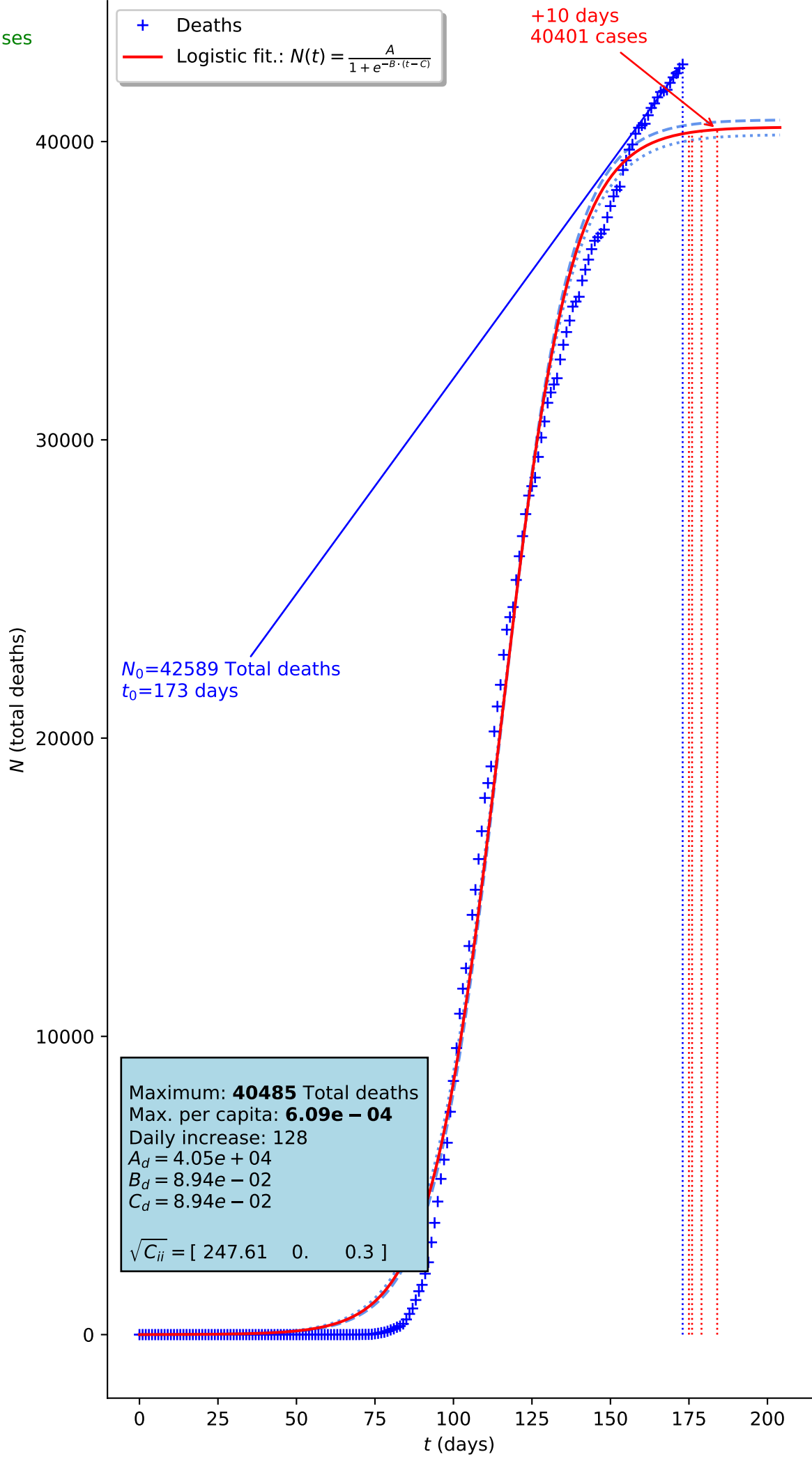
United\_Kingdom - Confirmed cases  $N(t)$  - Population: 66 460 344 people



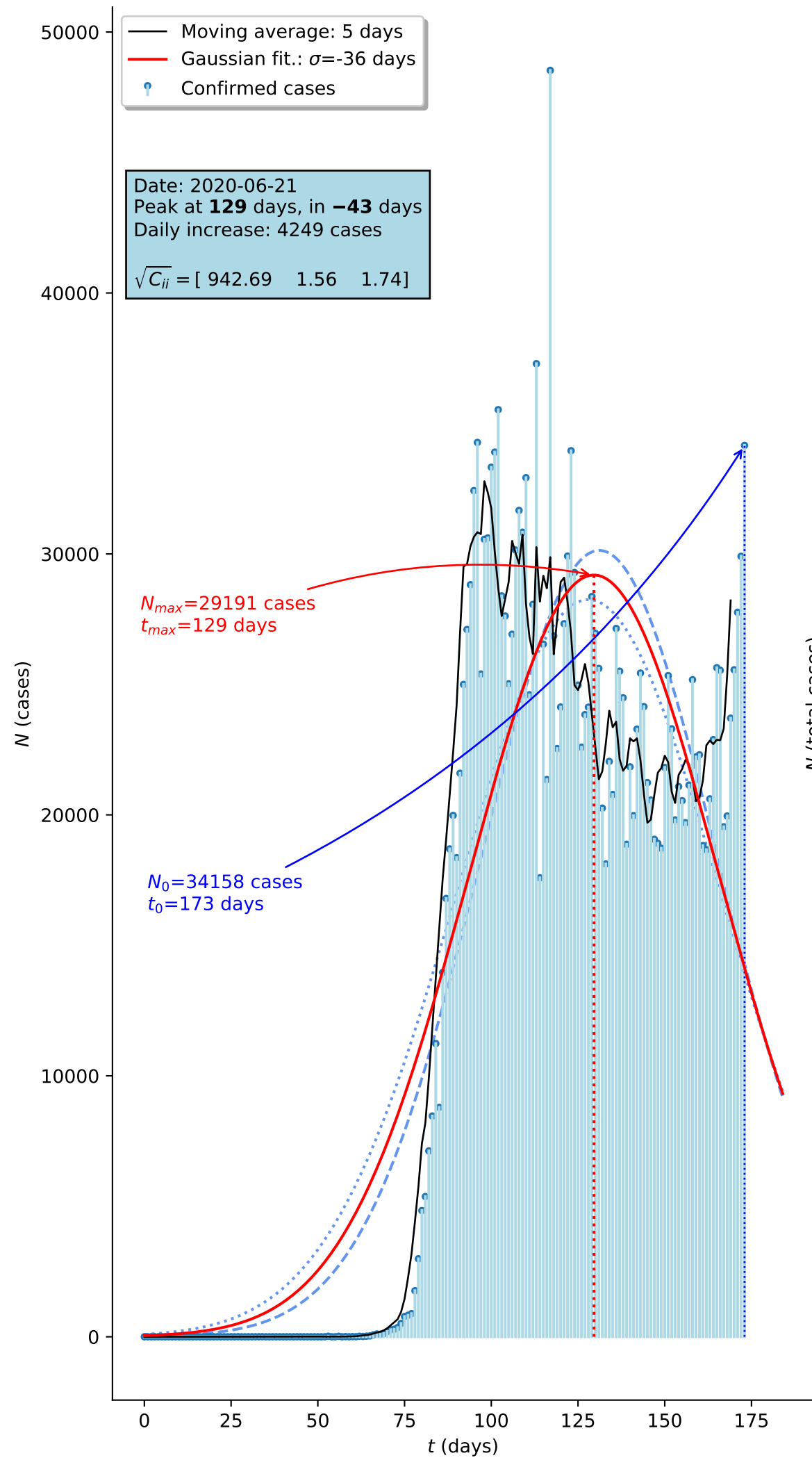
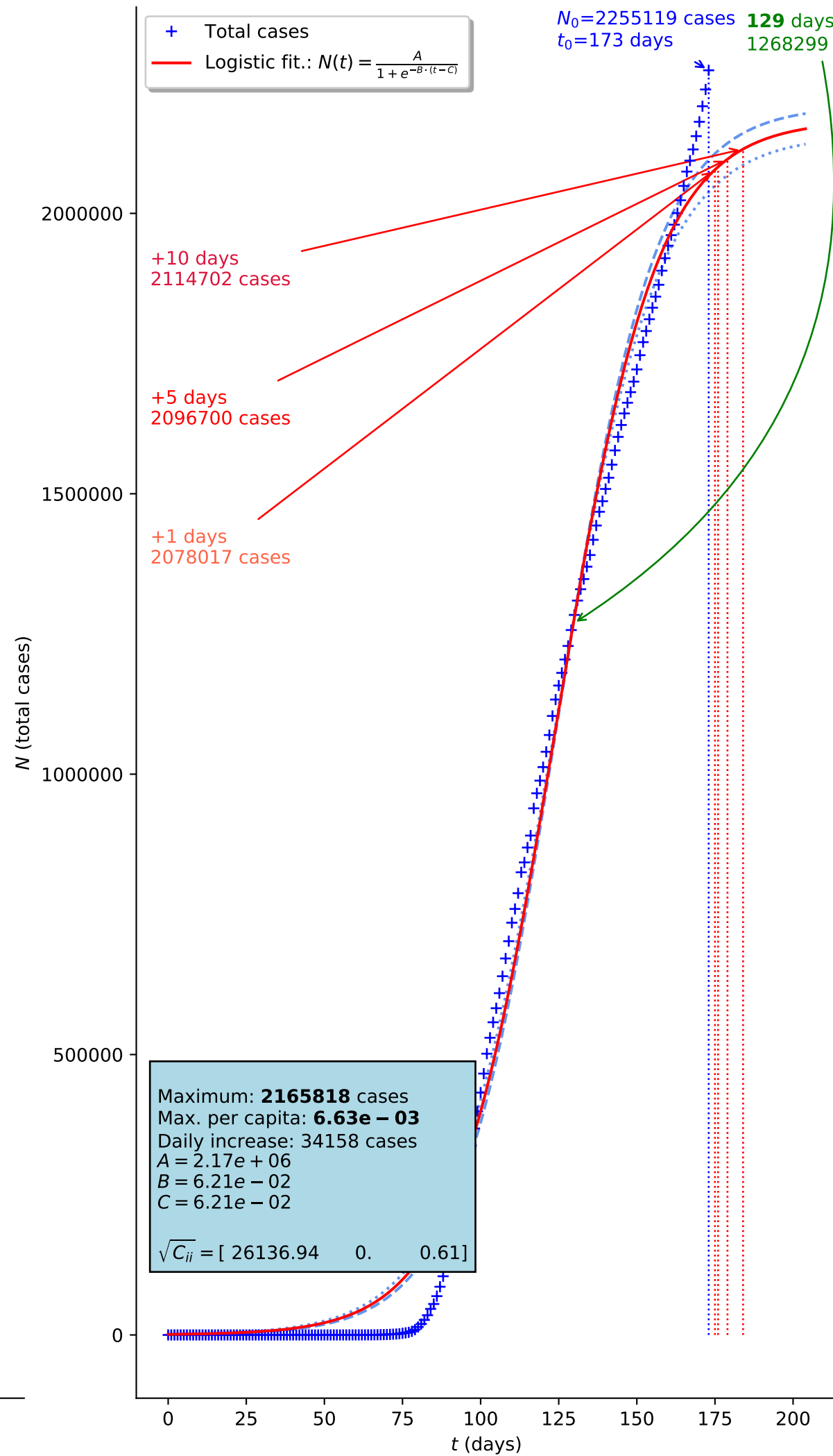
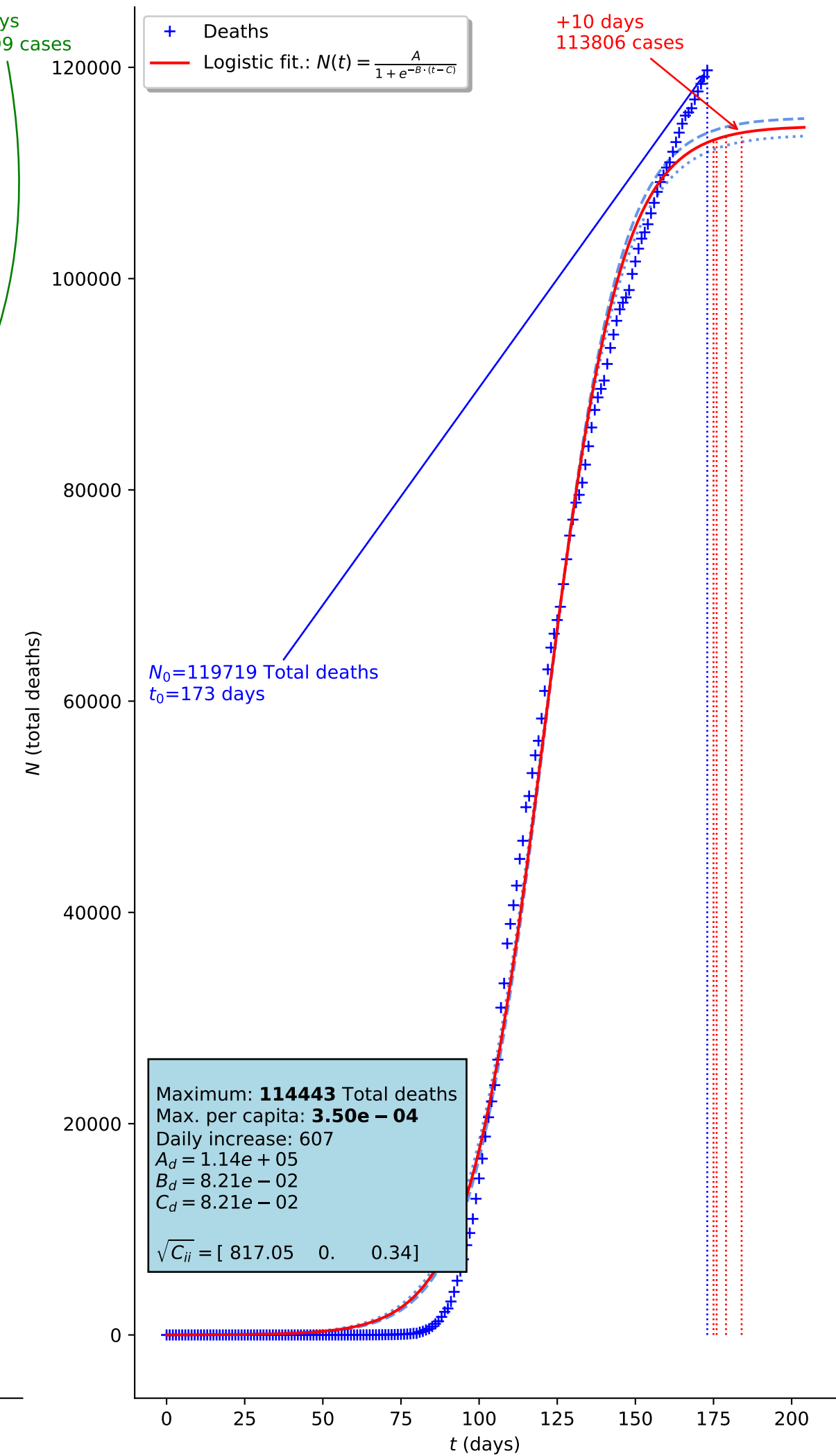
United\_Kingdom - Total confirmed cases  $N(t)$



United\_Kingdom - Total deaths  $N(t)$





United\_States\_of\_America - Confirmed cases  $N(t)$  - Population: 326 687 501 peopleUnited\_States\_of\_America - Total confirmed cases  $N(t)$ United\_States\_of\_America - Total deaths  $N(t)$ 

Venezuela - Confirmed cases  $N(t)$  - Population: 28 870 195 people

