```
Step 3500
Step 4000
Step 4500
True
The code executed in 1258.4922s.
In [81]: runfile('D:/Computation/Primes/test_2.py', wdir='D:/Computation/Primes')
Files loaded in 6.8491s.
Step 0
Step 500
Step 1000
Step 1500
Step 2000
Step 2500
Step 3000
Step 3500
Step 4000
Step 4500
Step 5000
Step 5500
Step 6000
Step 6500
Step 7000
Step 7500
Step 8000
Step 8500
Step 9000
Step 9500
True
The code executed in 9135.7169s.
In [82]:
```