According to the data of data.xlsx

The optimum cutoff varies according to the value of number of threads.

When the number of threads is 4, the optimum cutoff is between 65000 and 85000.

When the number of threads is 8, the optimum cutoff is near 150000.

When the number of threads is 16, the optimum cutoff is about 270000.

When the number of threads is 32, the optimum cutoff is in the nearby of 300000.

The optimum number of threads varies according to the value of cutoff.

But in most of time, the optimum number of threads is 16.

An appropriate combination of these is that the number of threads is 16 and the cutoff is about 270000.