Efficiency Analysis:

levels	threads	speedup
1	1	0.998515
2	2	1.888476
3	4	1.884965
4	8	3.334291
5	16	3.333018

*note this is based on onyx output data that has a CPU with 12 cores

After looking at the graph from the data I've collected, I would say the speedup is gradual and not instant as someone would expect if comparing one worker doing a job to many.

Thread Level Speedup Using 100 Million Elements