Evaluation

- <u>Raise **n** to the power of **m** and **m** to the power of **n**</u>
  - *((λxλy((a)(x)y)(b)(y)x)λfλz(f)^{n}z)λfλz(f)^{m}z*
    Produces big term. Grows exponentially.
    Could be computed in 2 threads
- Compute something equal in 1..n threads
  - *(λy(..(x)y)..)y)(λxx)^{n}z*
    Big term that produces small result. We compute
    In m threads a lot of identities (Id x = x; id(id(id…))
- Bigger term = more time to serialise/deserialise

- Each case run 10 times and median is taken
- PC: 16gb RAM, Intel core I7 - 8 logical cores

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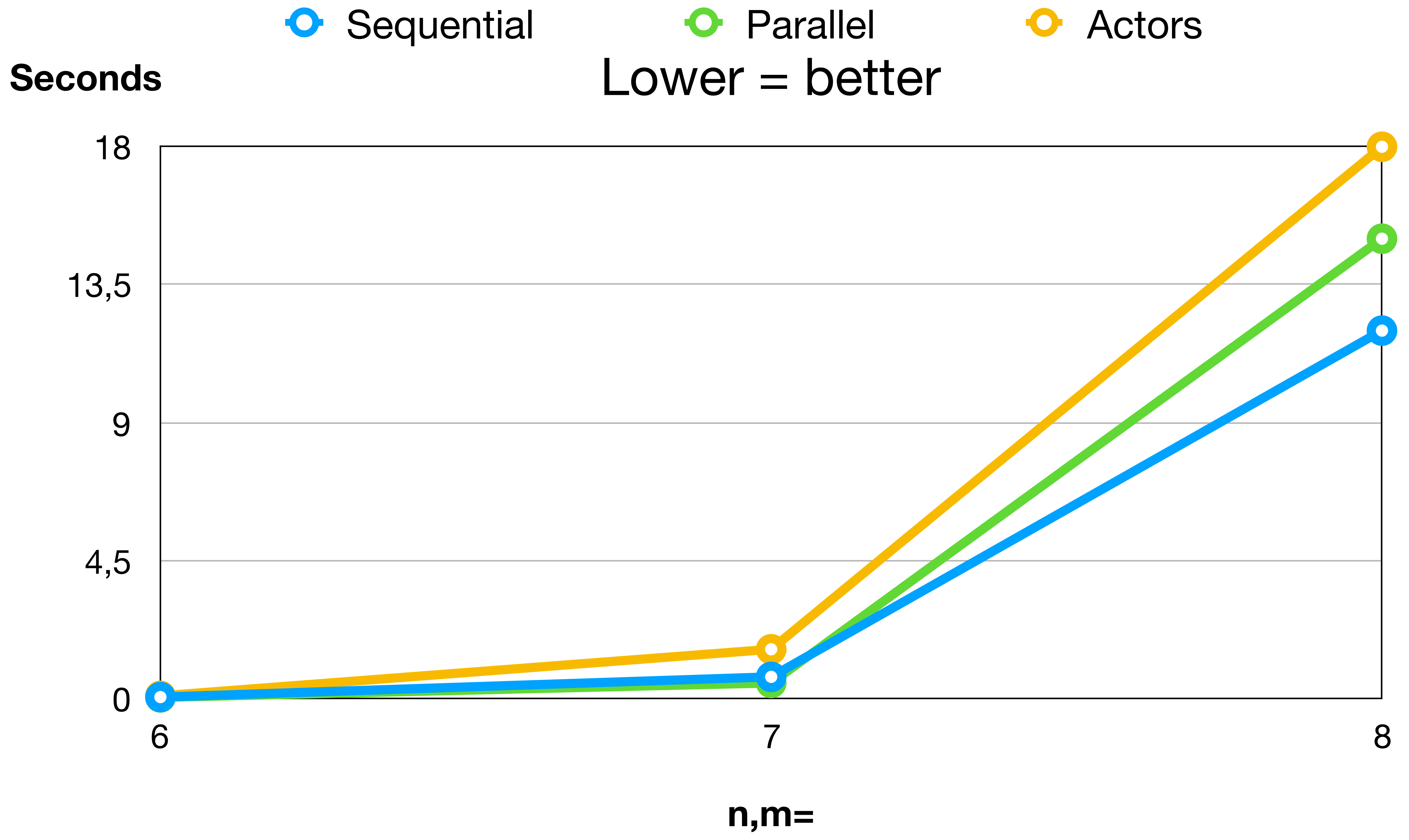
Exponential term



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