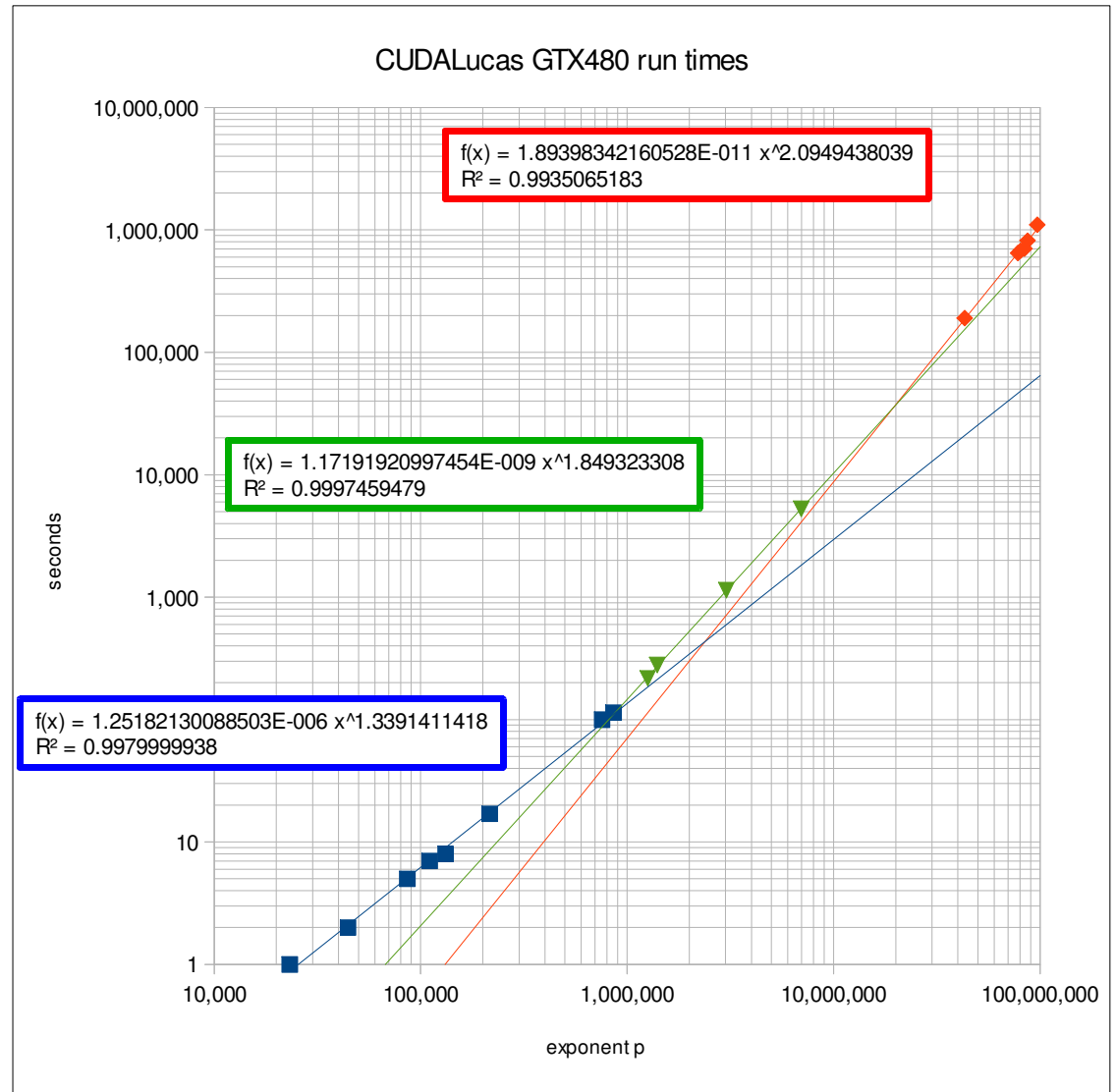


LL test run time scaling on GTX480 with CUDALucas v2.05.1

| Data from prior runs | | |
|----------------------|------------|-------------------|
| p | t, seconds | T, days |
| 23209 | 1 | 1.1574E-005 |
| 44497 | 2 | 2.31E-005 seconds |
| 86243 | 5 | 5.79E-005 |
| 110503 | 7 | 8.10E-005 |
| 132049 | 8 | 9.26E-005 |
| 216091 | 17 | 1.97E-004 |
| 756839 | 100 | 0.00116 minutes |
| 859433 | 114 | 0.00132 |
| 1257787 | 217 | 0.00251 |
| 1398269 | 279 | 0.00323 |
| 3021377 | 1139 | 0.01318 |
| 6972593 | 5272 | 0.06102 hours |
| 43169743 | 190772 | 2.2080 days |
| 78157201 | 646314 | 7.4805 weeks |
| 80381387 | 676334 | 7.8279 |
| 84064993 | 702634 | 8.1323 |
| 87011173 | 817871 | 9.4661 |
| 97000037 | 1100535 | 12.7377 |

| Extrapolation from large-p regression fit | | | | |
|---|--------------|--------------|----------------|-----------|
| t=c0 p^c1 | | | | |
| c0 | 1.8940E-11 | | | |
| c1 | 2.0949438039 | | | |
| p | t seconds | T days / exp | ratio fit/data | time unit |
| 43169743 | 187347.24 | 2.168 | 0.98205 | days |
| 78157201 | 649683.57 | 7.519 | 1.00521 | weeks |
| 80381387 | 689020.14 | 7.975 | 1.01876 | |
| 84064993 | 756830.91 | 8.760 | 1.07713 | |
| 87011173 | 813465.03 | 9.415 | 0.99461 | |
| 97000037 | 1021441.96 | 11.822 | 0.92813 | |
| 1.00E+008 | 1088744.11 | 12.601 | | |
| 1.50E+008 | 2545816.59 | 29.465 | | |
| 2.00E+008 | 4651218.52 | 53.834 | | months |
| 3.00E+008 | 10875970.88 | 125.879 | | |
| 6.00E+008 | 46463183.23 | 537.768 | | years |
| 1.00E+009 | 135478264.2 | 1568.035 | | |



Without the 43169743 data point, large-p extrapolation predicted run time to 0.0293% forecast/actual 1.00029293
 with c0= 5.991127E-011 c1= 2.030487087 forecast **190827.8832** seconds, err= 55.88
 M(43169743)C, 0xcfe0f72b466b____, 2304K, CUDALucas v2.05.1, estimated total time = 52:59:32 190772