



Comparing SYCL vs CUDA on v100S

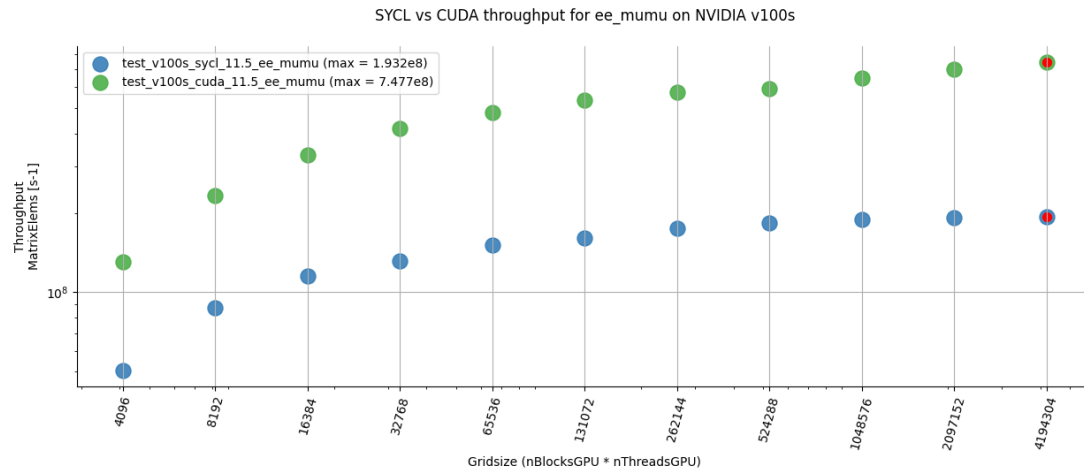
Jorgen Teig

20.09.2022

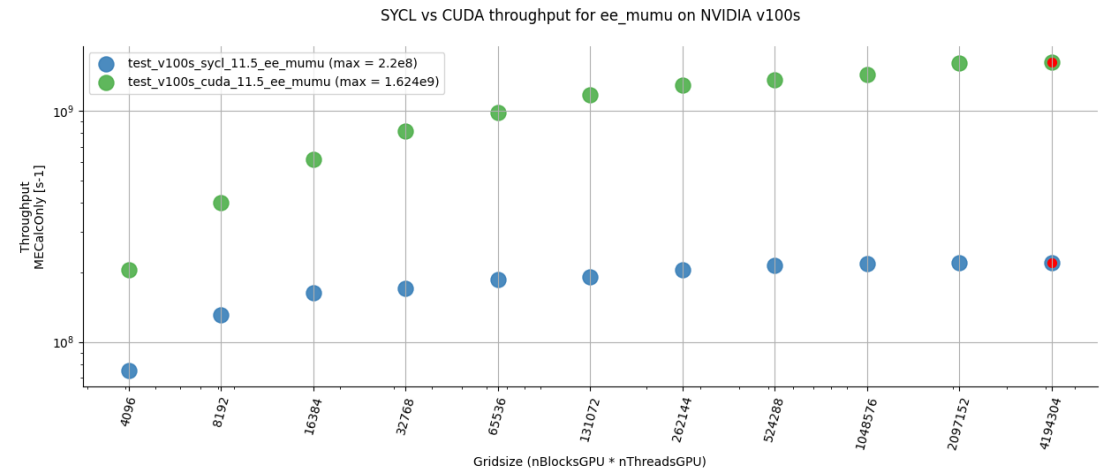
Notes

- This is comparing SYCL and CUDA in the **GOLDEN_EPOCH4X** branch

SYCL vs CUDA on v100s (GCC 10.3 and CUDA 11.5) ee_mumu



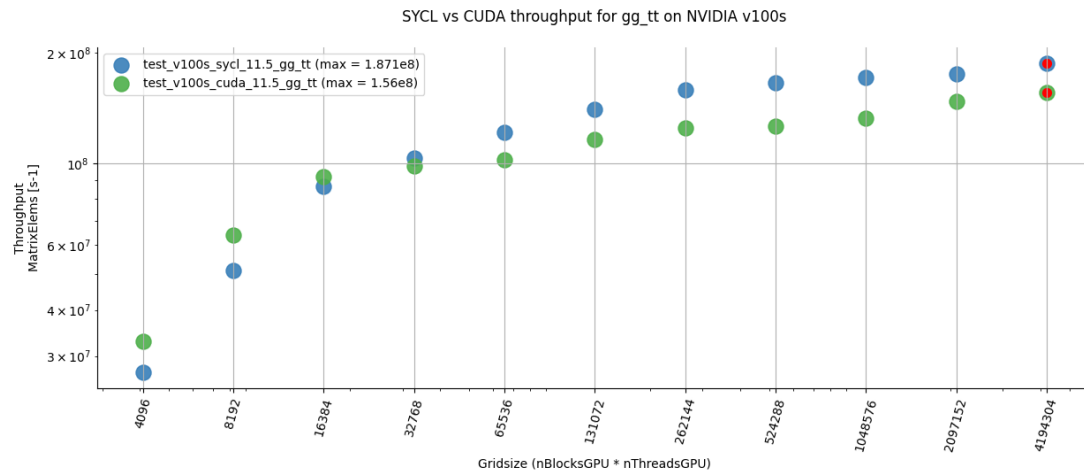
Matrix Elements



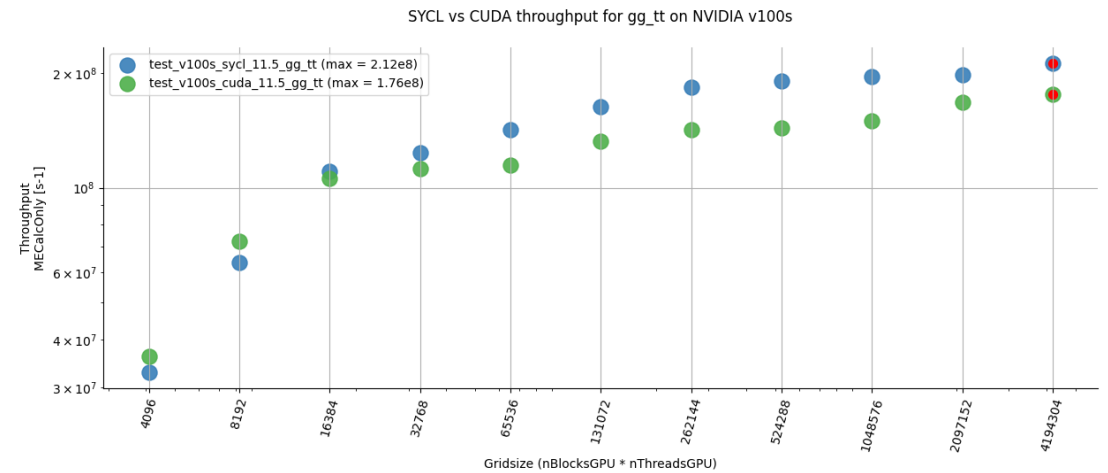
ME Calc Only

SYCL vs CUDA on v100s (GCC 10.3 and CUDA 11.5)

gg_tt



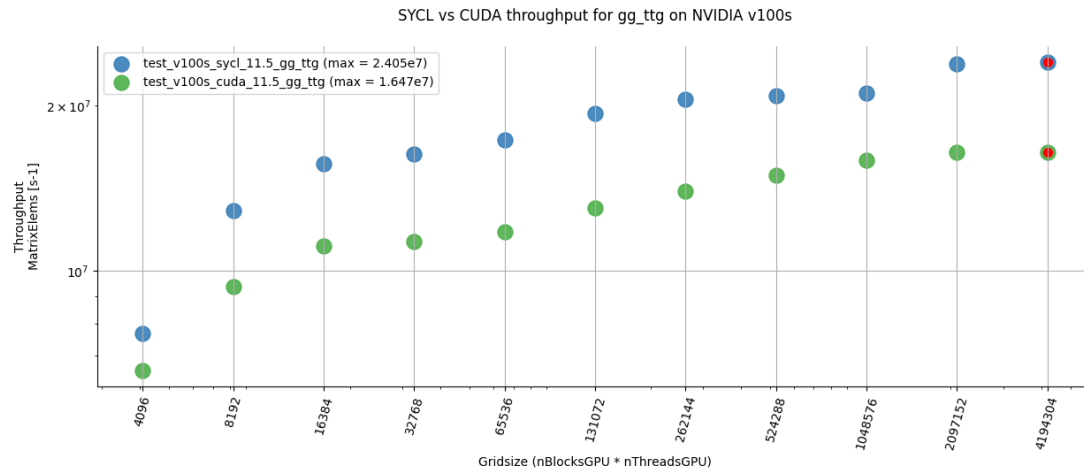
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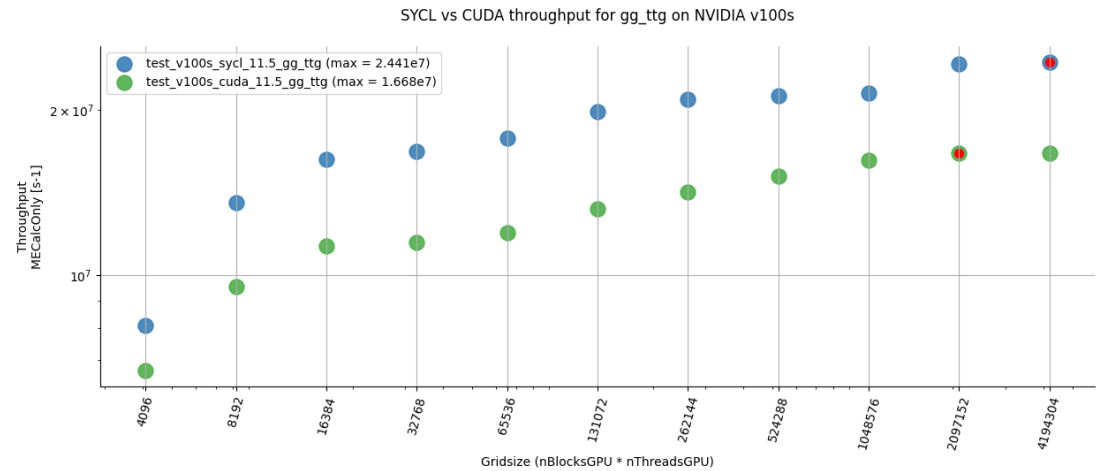
ME Calc Only

SYCL vs CUDA on v100s (GCC 10.3 and CUDA 11.5)

gg_ttg

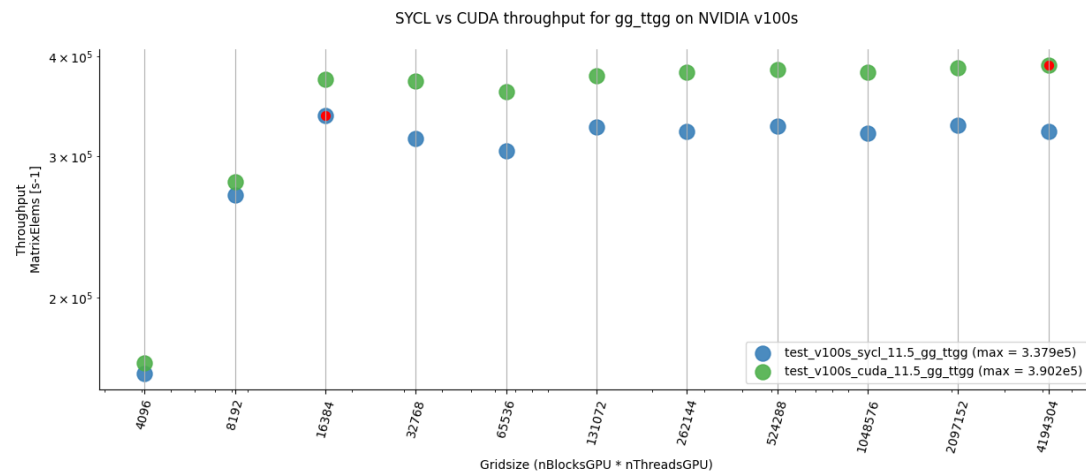


Matrix Elements

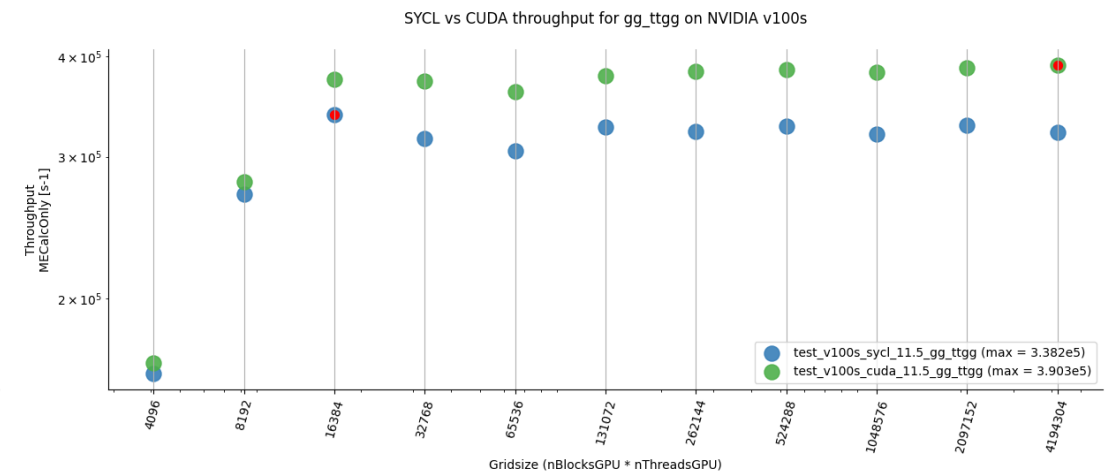


ME Calc Only

SYCL vs CUDA on v100s (GCC 10.3 and CUDA 11.5) gg_ttgg



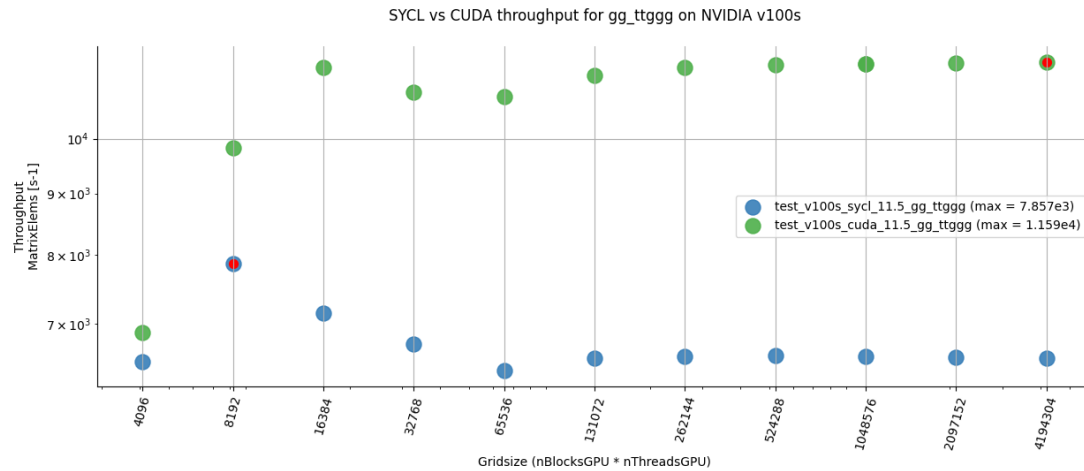
Matrix Elements



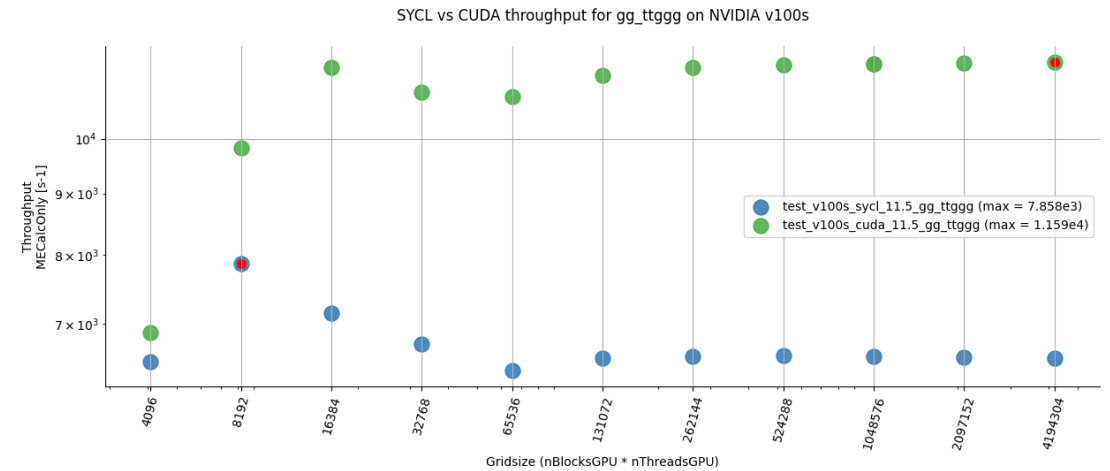
ME Calc Only

SYCL vs CUDA on v100s (GCC 10.3 and CUDA 11.5)

gg_ttggg



Matrix Elements



ME Calc Only



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