Quad: Number of Unique Constants in A vs Pseudo-FLOP/s Reference LIBXSMM **Custom LIBXSMM**  $10^{11}$ sparse wide-sparse dense  $6 \times 10^{10}$ Pseudo-FLOP/s  $4 \times 10^{10}$  $3 \times 10^{10}$  $2 \times 10^{10}$ 5 10 15 20 25 **Number of Unique Constants**