Quad: Number of Rows in A vs Pseudo-FLOP/s Reference LIBXSMM Custom LIBXSMM  $10^{11}$ sparse wide-sparse dense  $6 \times 10^{10}$ Pseudo-FLOP/s  $4 \times 10^{10}$  $3 \times 10^{10}$  $2 \times 10^{10}$ 20 40 60 80 100 Number of Rows