Tri: Number of Columns in A vs Pseudo-FLOP/s  $3 \times 10^{10}$  $2 \times 10^{10}$ Pseudo-FLOP/s Reference LIBXSMM M BLOCKING=1  $10^{10}$ M BLOCKING=2 M BLOCKING=4 M BLOCKING=8 M BLOCKING=15 M BLOCKING=30  $6 \times 10^{9}$ sparse wide-sparse dense 10 20 40 50 30 **Number of Columns**