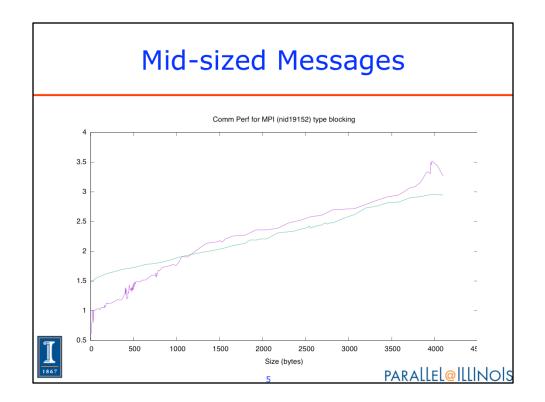


Top line is internode, bottom intra (within) node.

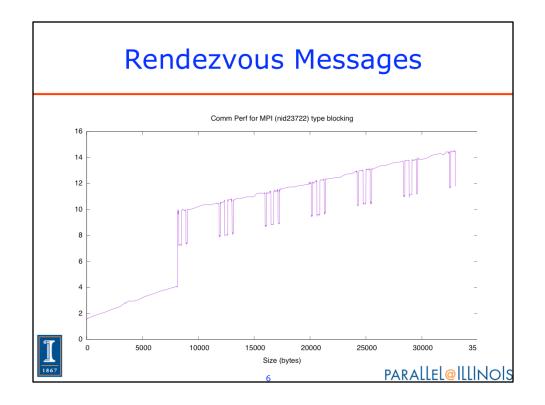
Note differing slopes

Note very low latency for very short messages.

Note that getting a good fit for the T(n)= s+rn model requires avoiding the first 50-200 bytes, where the timing behavior is clearly different.



Same colors, order as short. Note cross-over but similar slope after about 1200 bytes



Note large jump at 8k. This is the rendezvous threshold

Note different slope before, after 8k. Likely due to change in how data is moved. "Strange" behavior after 8k is due to "bug" in mpptest – adaptive size control sometimes picks sizes that are odd or not a multiple of 8; these are significantly more costly (over 2usec). Left in plot to illustrate the impact of such message sizes.