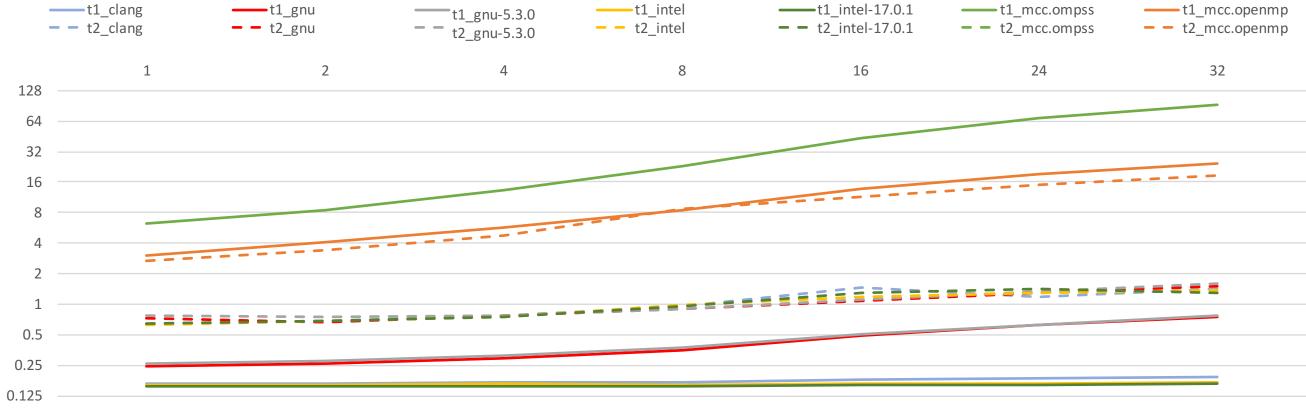INOUT CHAIN MASTER 1000