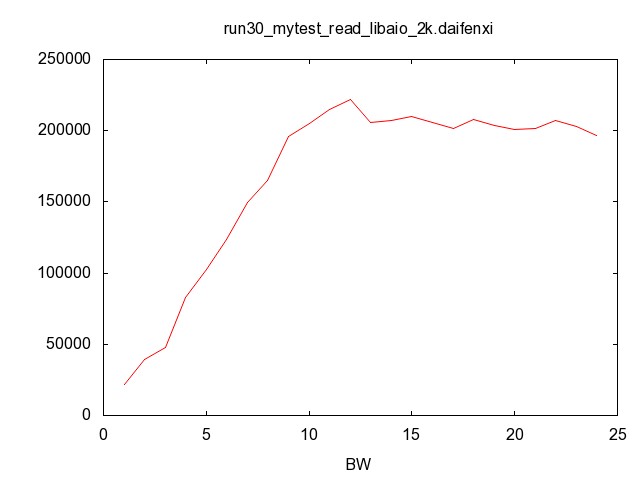
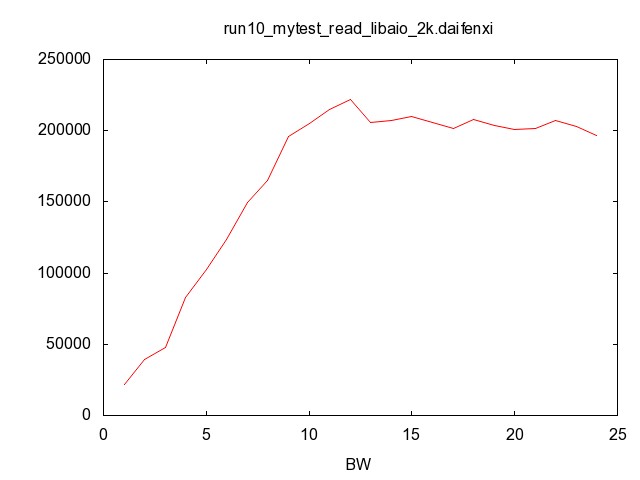
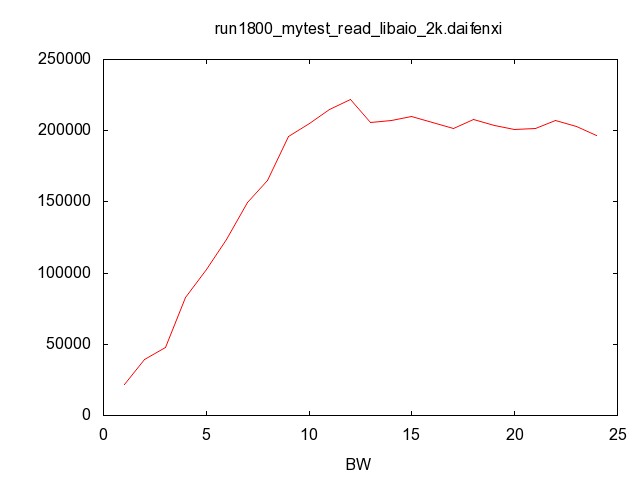
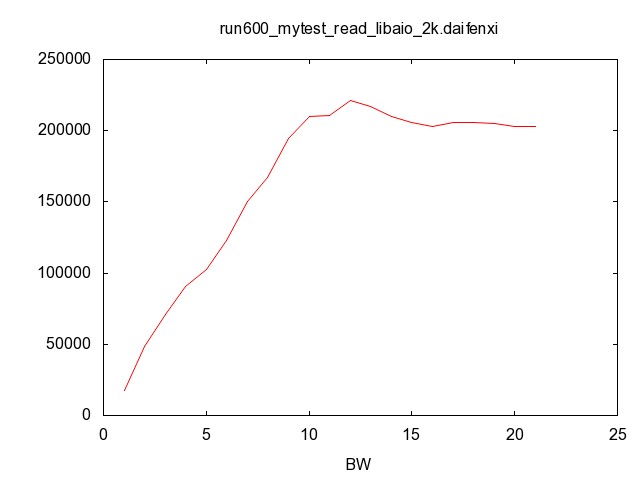
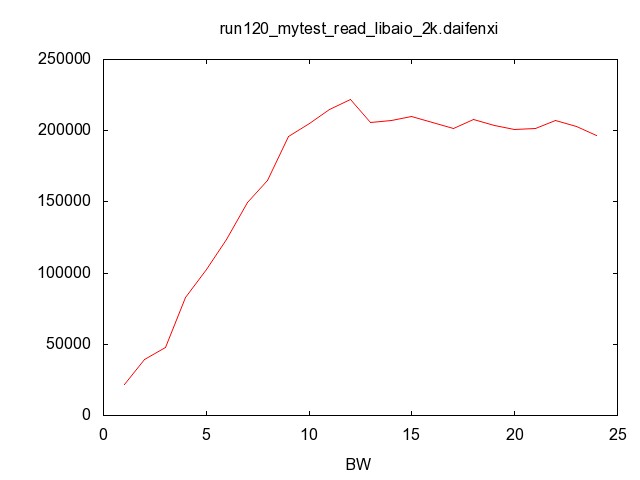
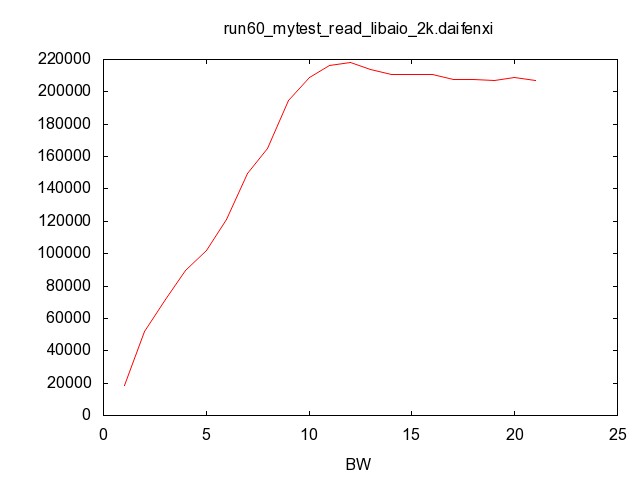
# V7000分析结果

横坐标为numjobs，纵坐标为bw，画的有点问题，说明下

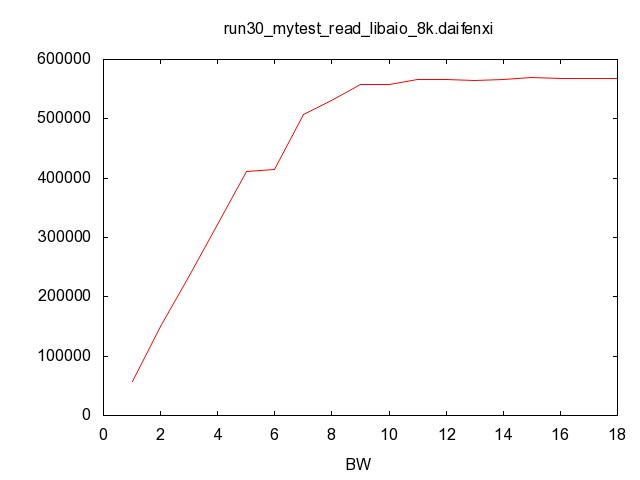
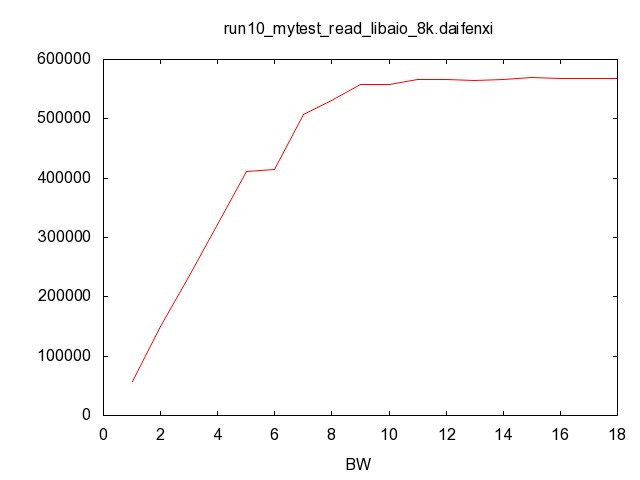
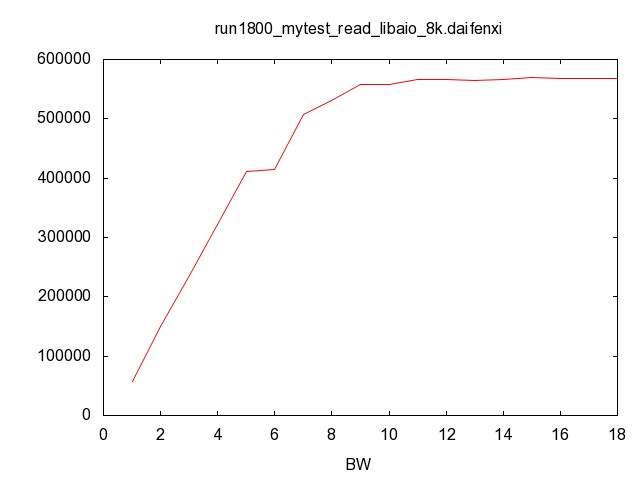
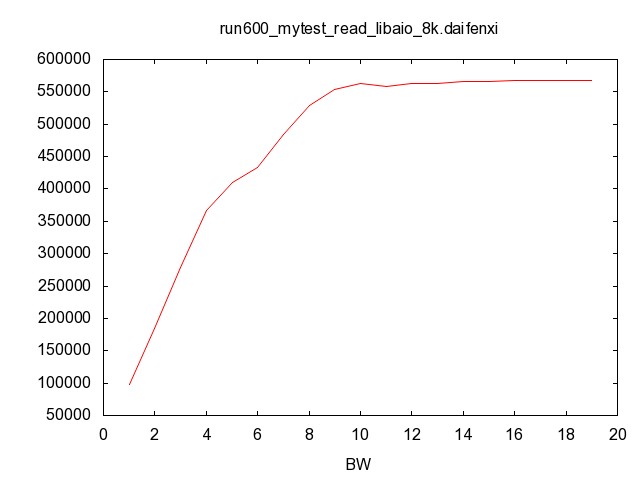
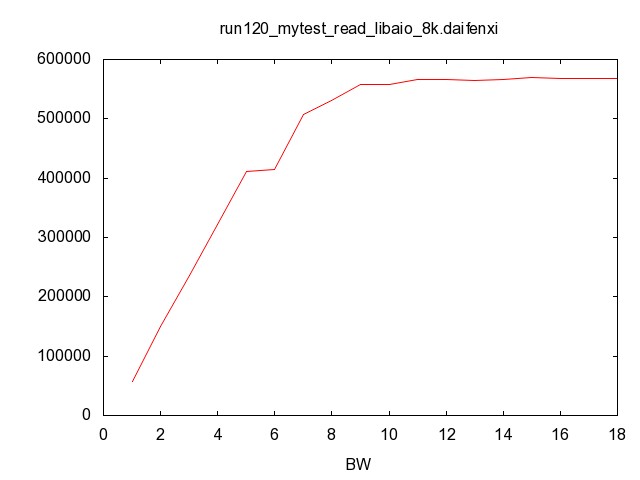
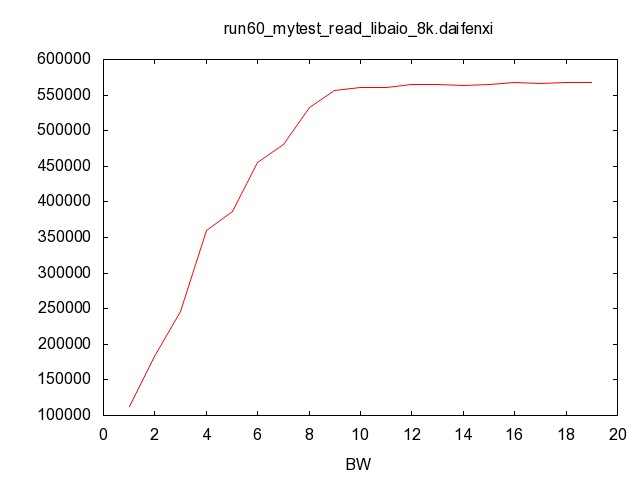
rw和randrw的bw结果需要乘以2，这里是只记录读写中的一个

##### 固定参数：2k、libaio、read，变量：numjobs、测试时间



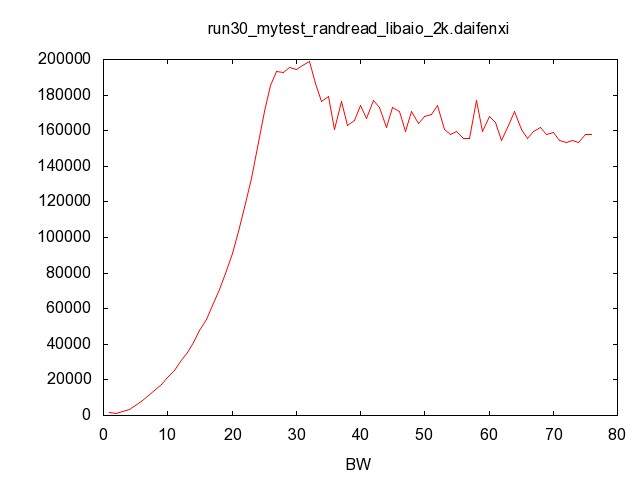
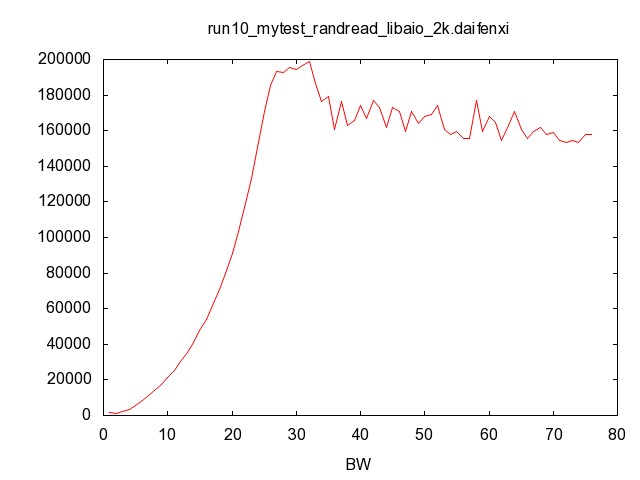
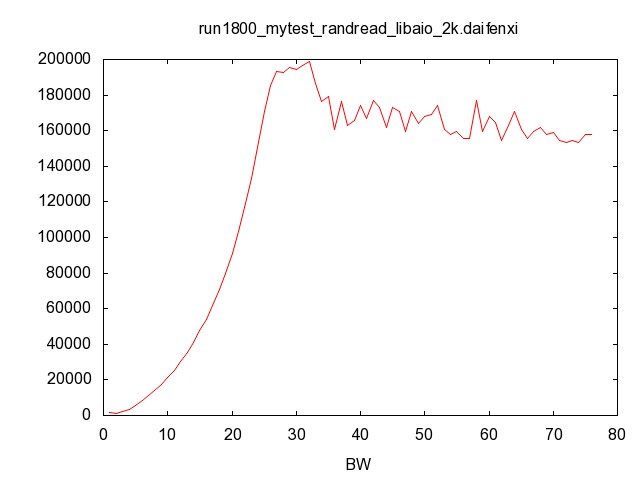
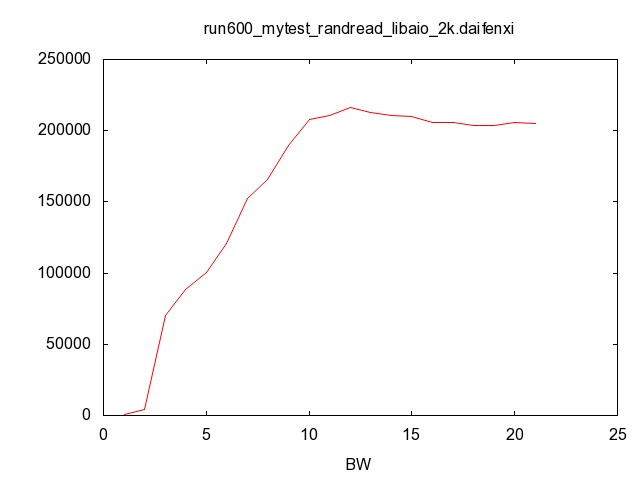
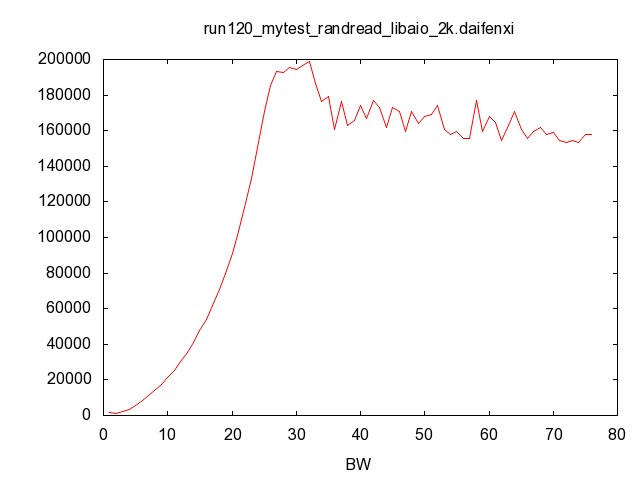
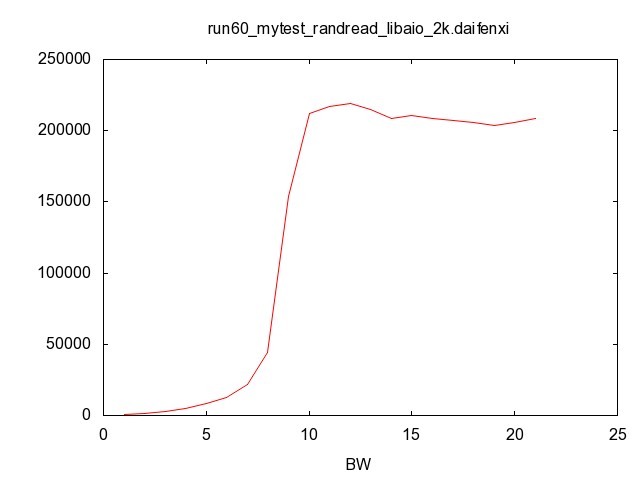
结论：会在numjobs为10左右达到最大值20W左右，且测试时间无关

##### 固定参数：8k、libaio、read，变量：numjobs、测试时间



结论：会在numjobs为10左右达到最大值50W左右，且测试时间无关

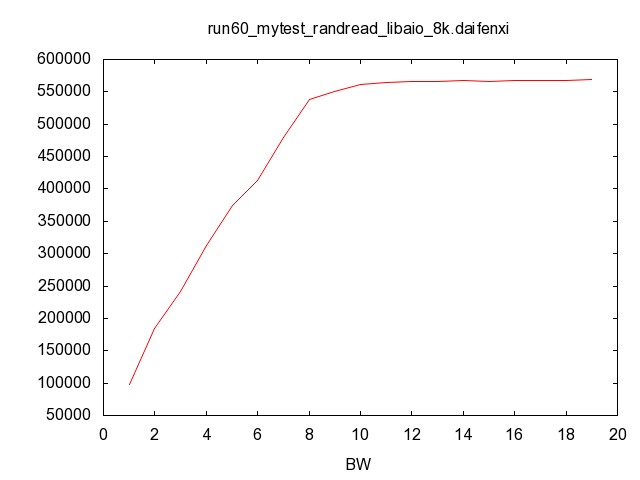
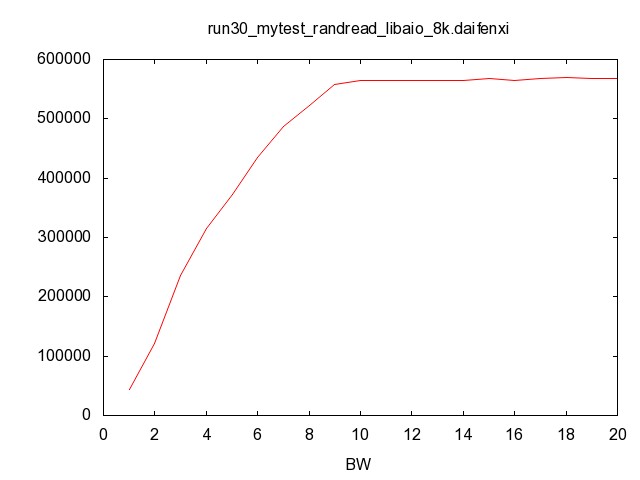
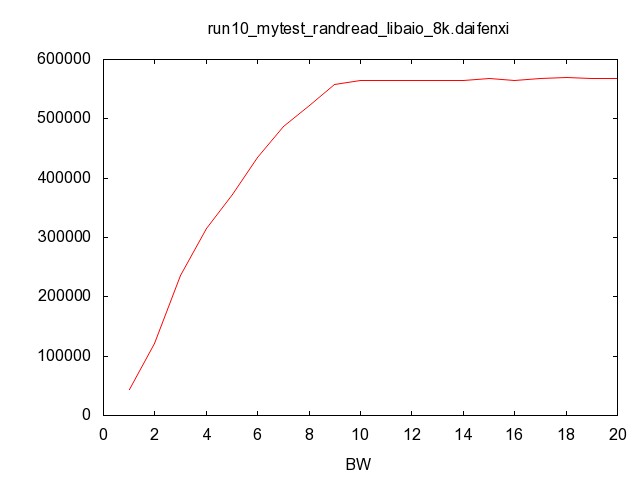
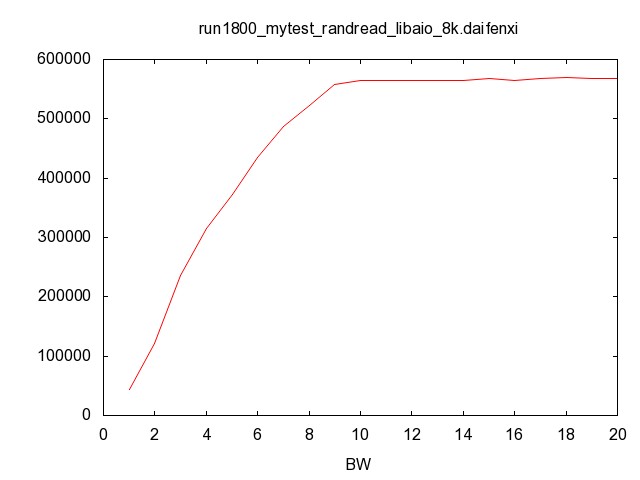
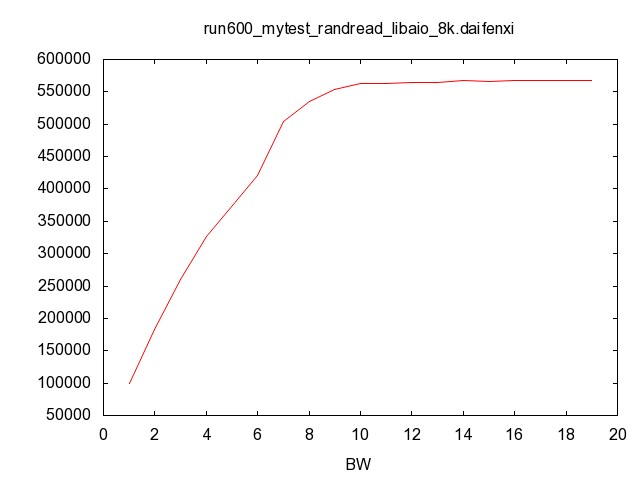
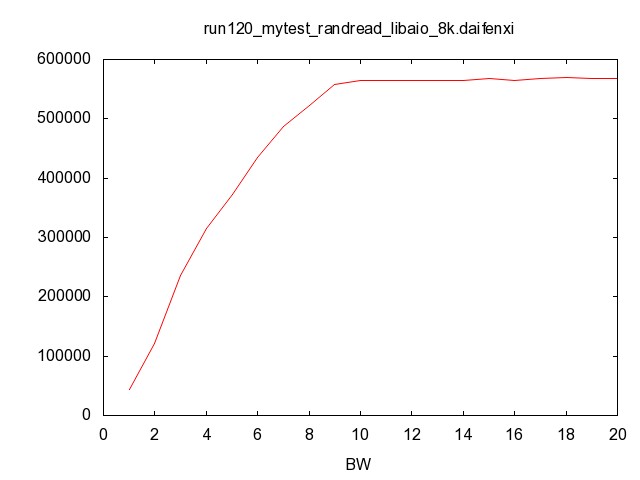
##### 固定参数：2k、libaio、randread，变量：numjobs、测试时间



结论：会在numjobs为10和30左右分别达到最大值20W左右

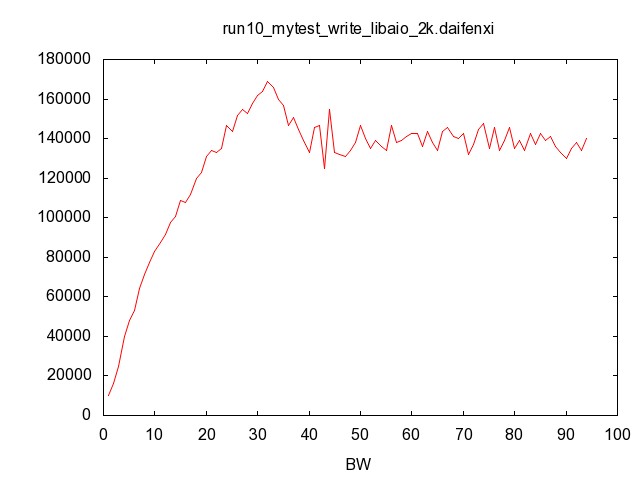
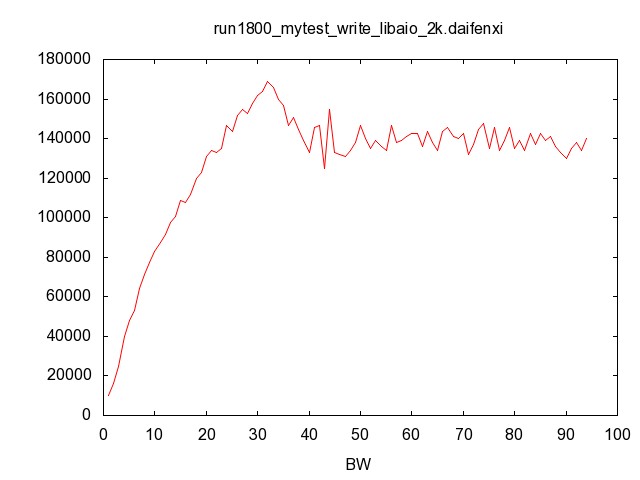
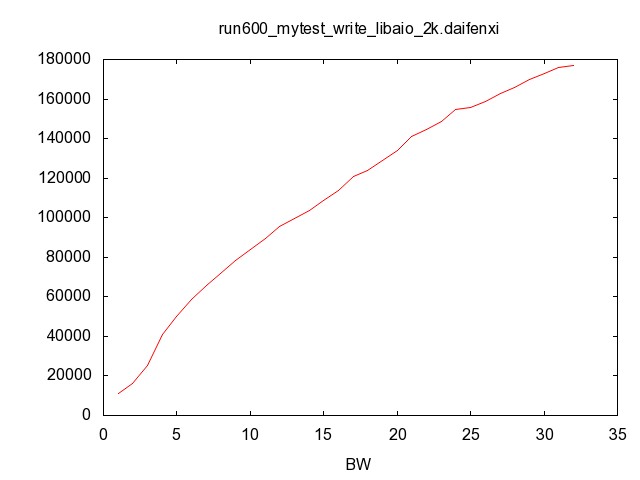
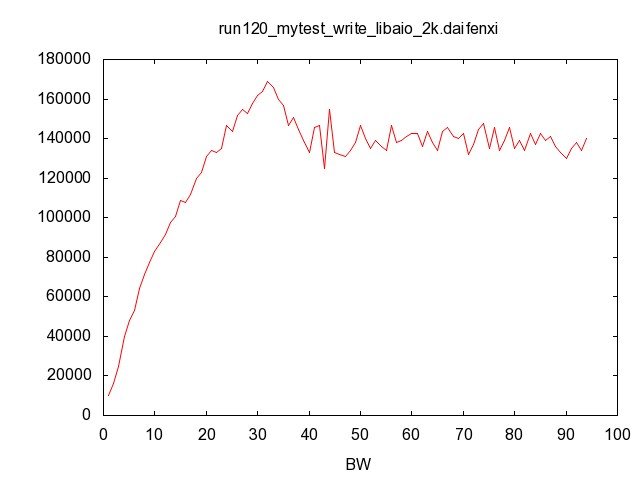
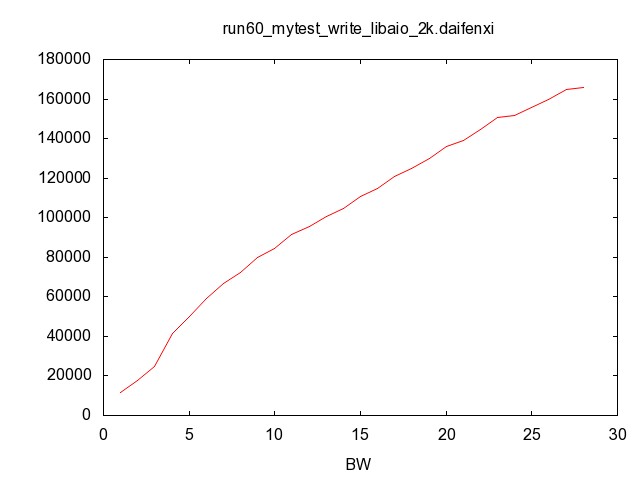
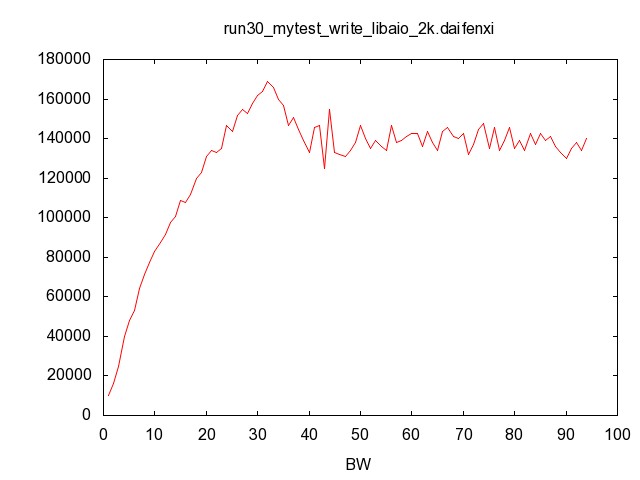
测试时间为60和600的，在10左右就进入平滑区，而其他测试时间无论是10还是1800都是在30左右，而且上升曲线都很连续，这个暂时没有理解原因，只能看出最高bw都是20w，测试的话，都选择30比较好

##### 固定参数：8k、libaio、randread，变量：numjobs、测试时间



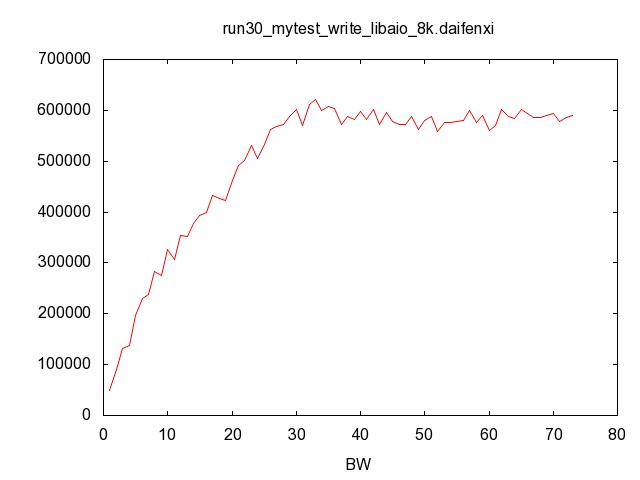
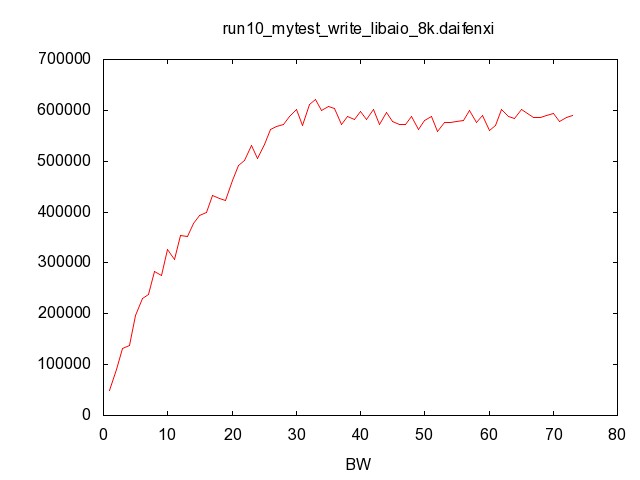
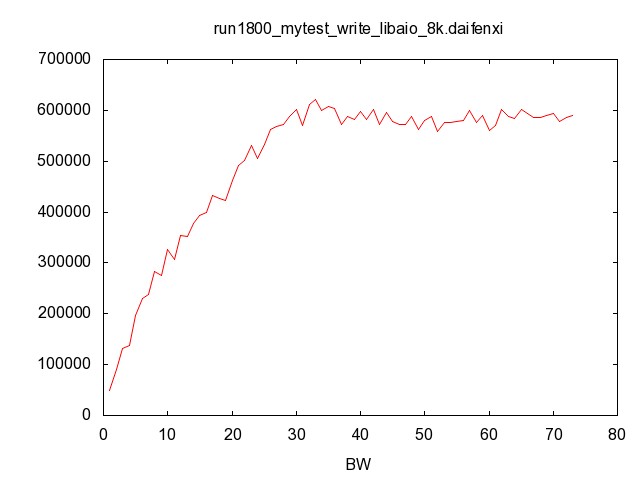
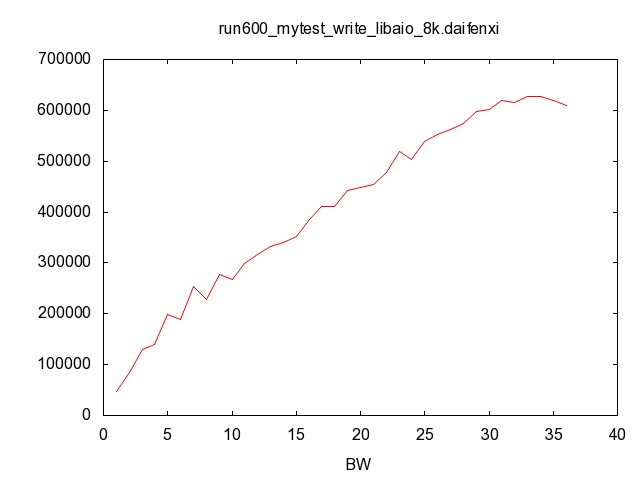
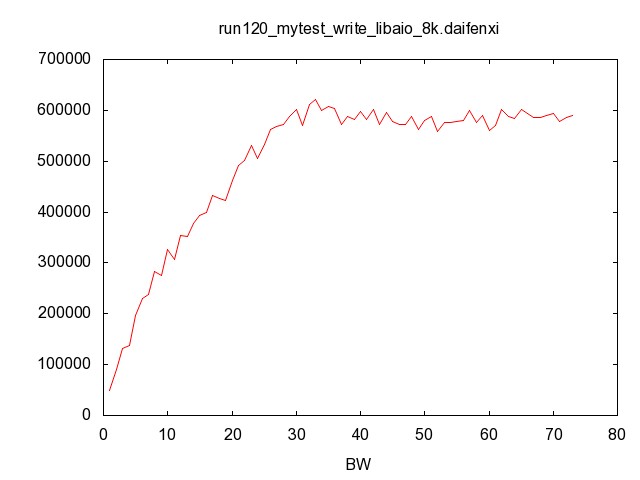
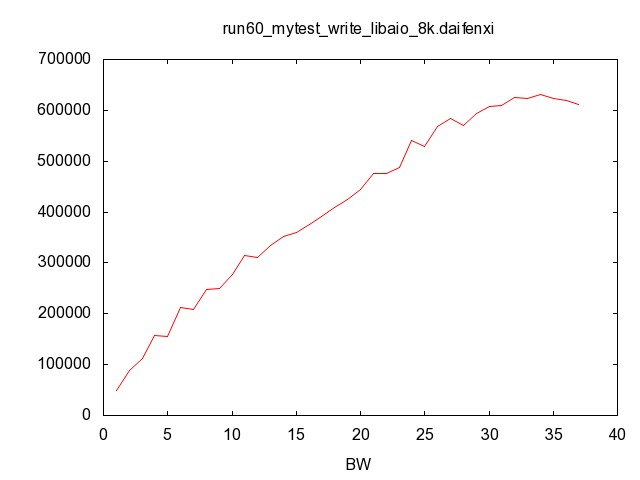
结论：会在numjobs为10左右达到最大值55W左右，且测试时间无关

##### 固定参数：2k、libaio、write，变量：numjobs、测试时间



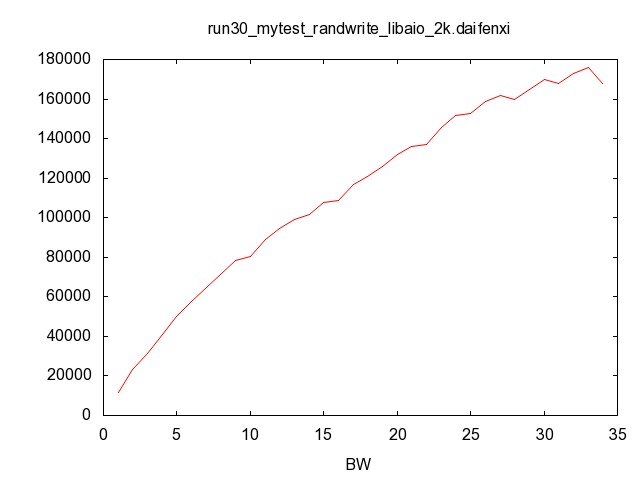
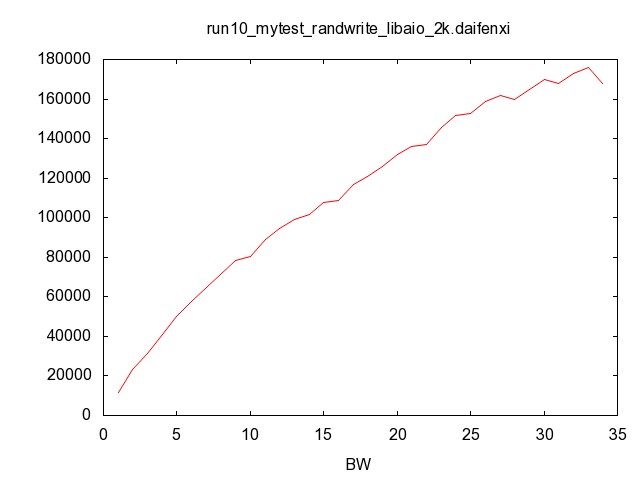
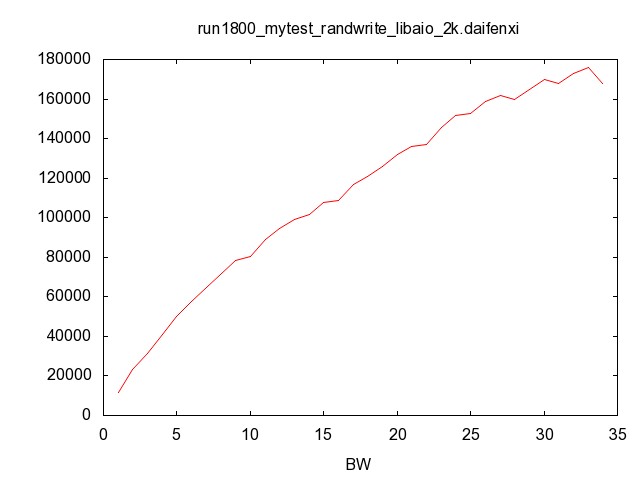
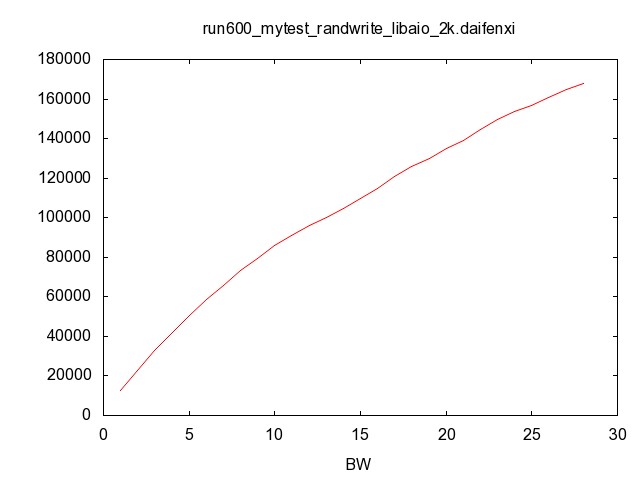
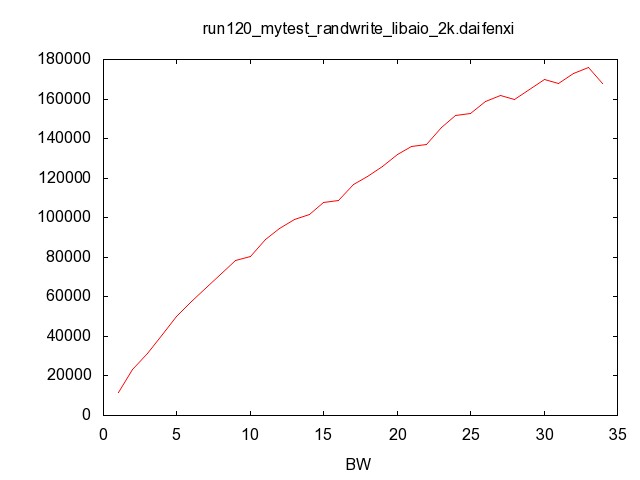
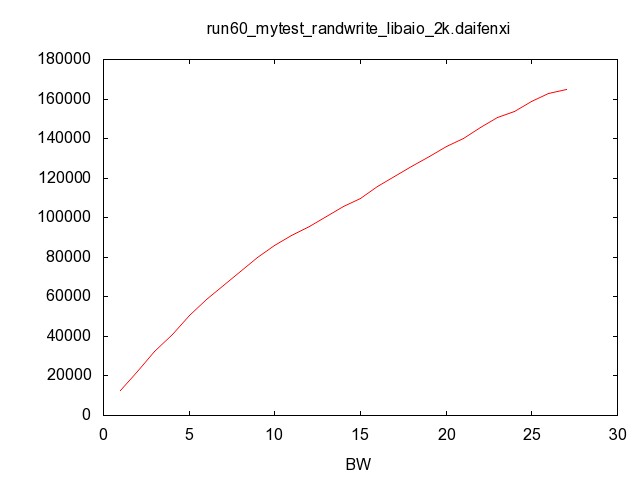
结论：会在numjobs为30左右达到最大值16W左右，且测试时间无关

##### 固定参数：8k、libaio、write，变量：numjobs、测试时间



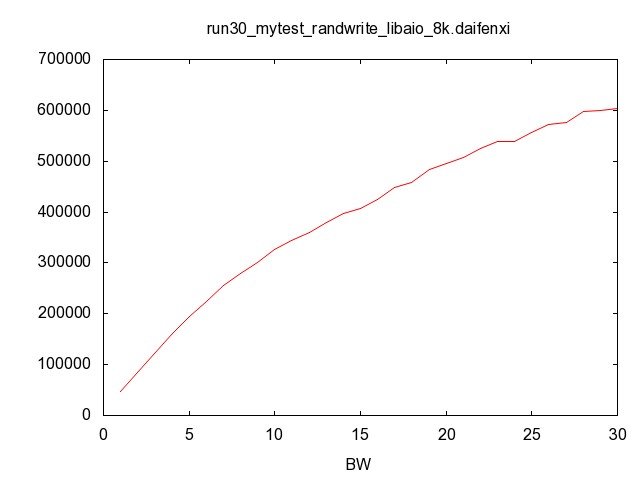
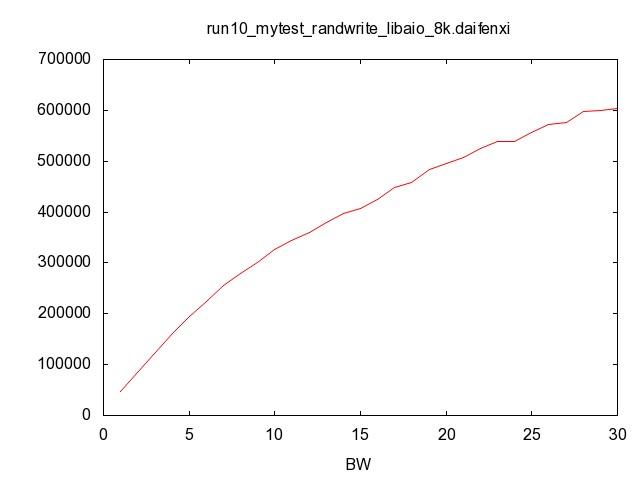
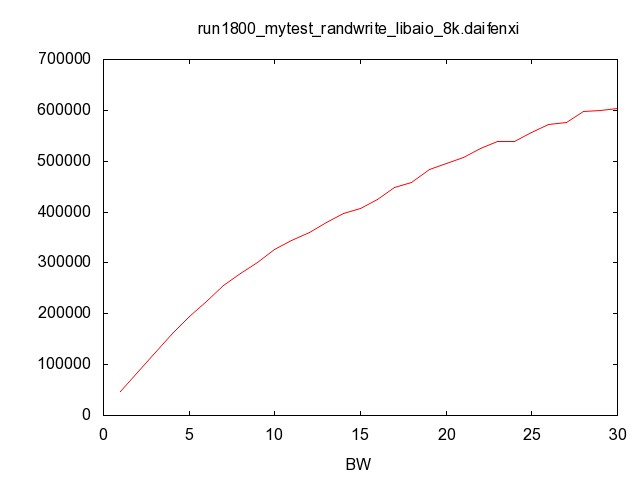
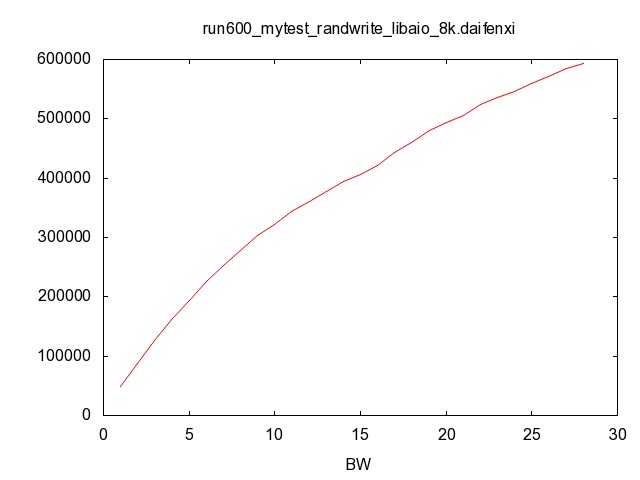
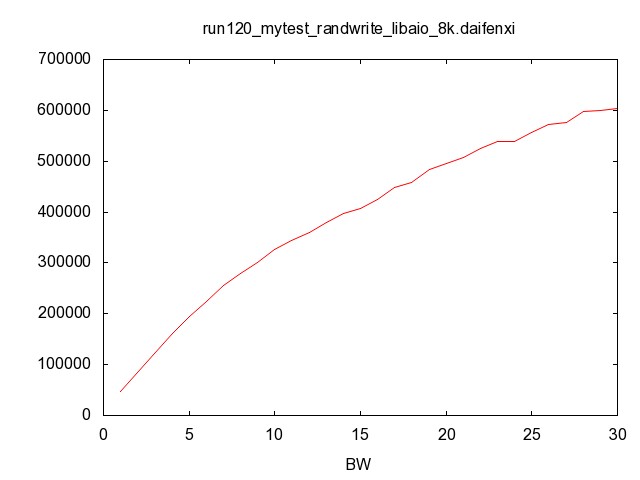
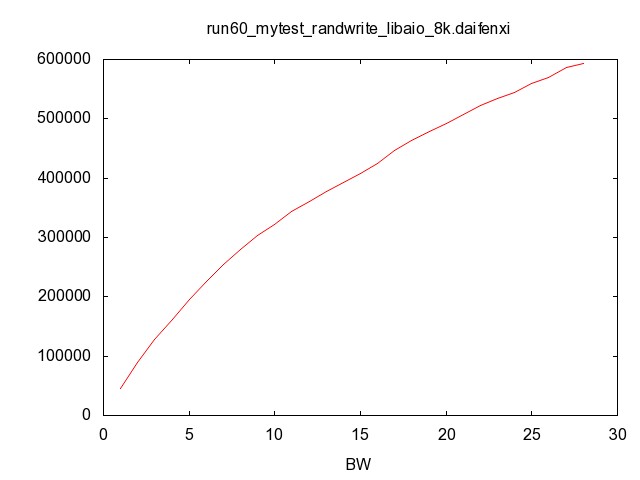
结论：会在numjobs为30左右达到最大值60W左右，且测试时间无关

##### 固定参数：2k、libaio、randwrite，变量：numjobs、测试时间



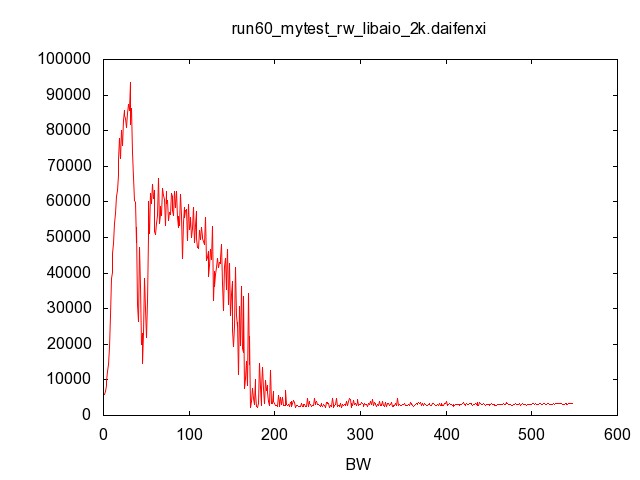
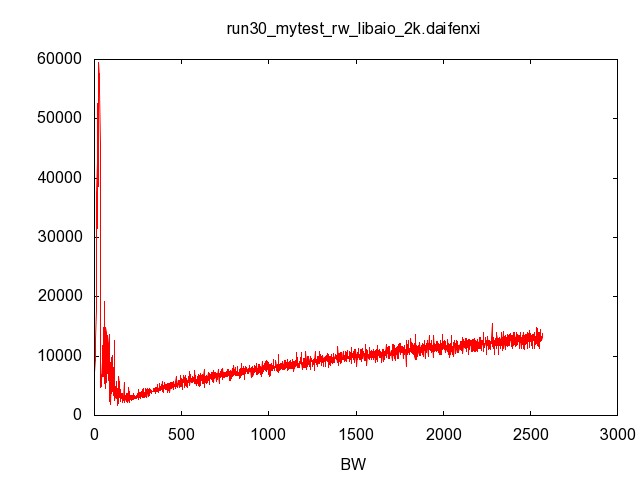
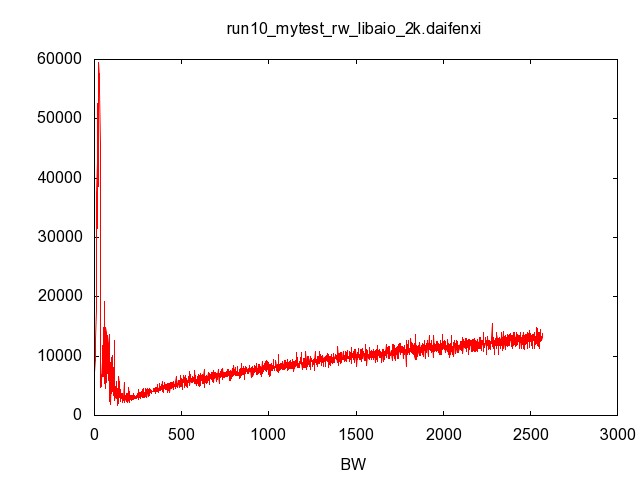
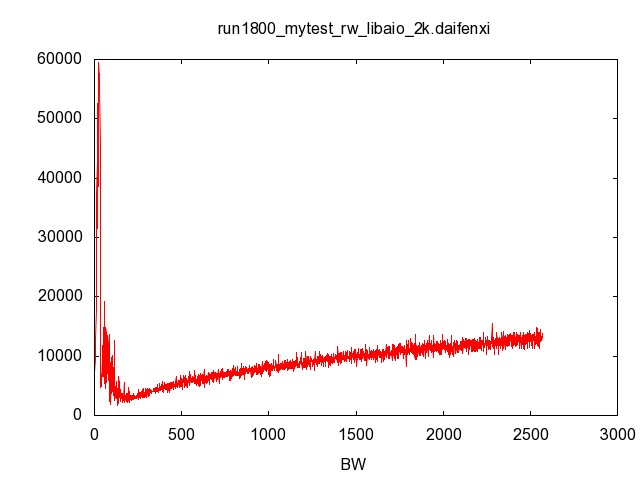
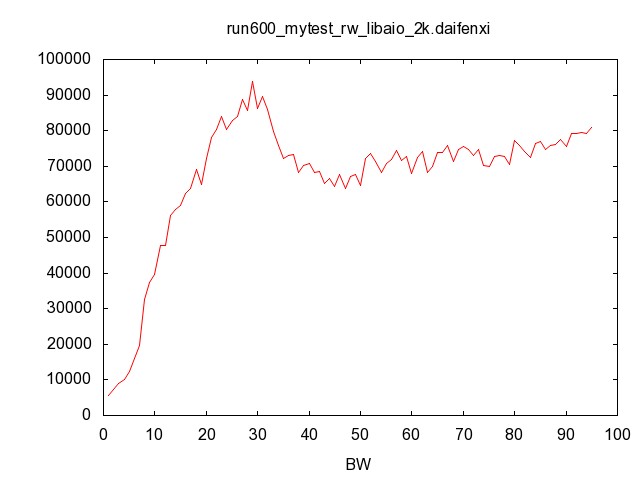
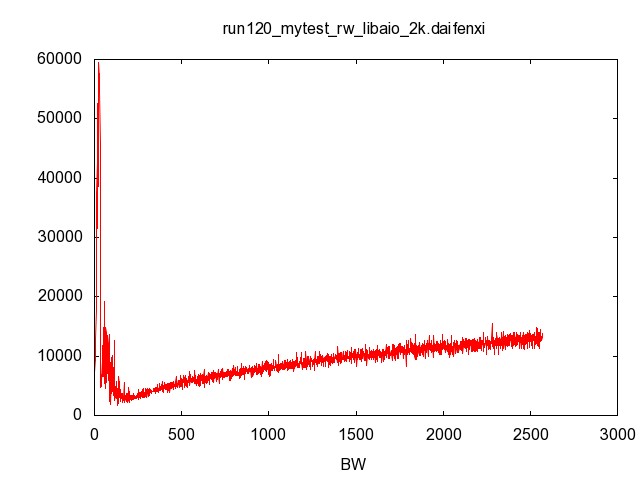
结论：会在numjobs为25-30左右达到最大值160W左右，且测试时间无关

##### 固定参数：8k、libaio、randwrite，变量：numjobs、测试时间



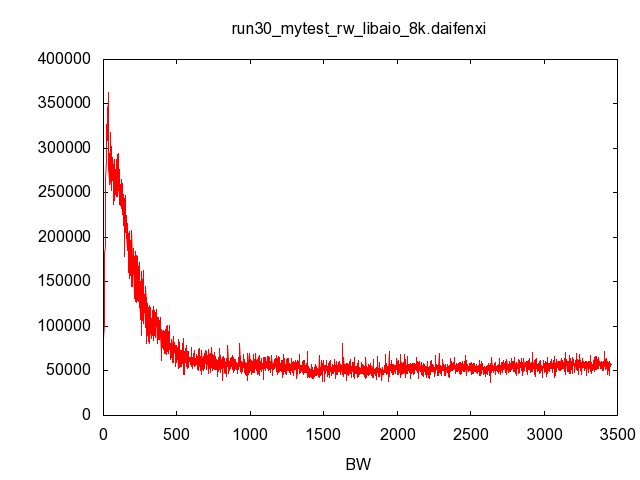
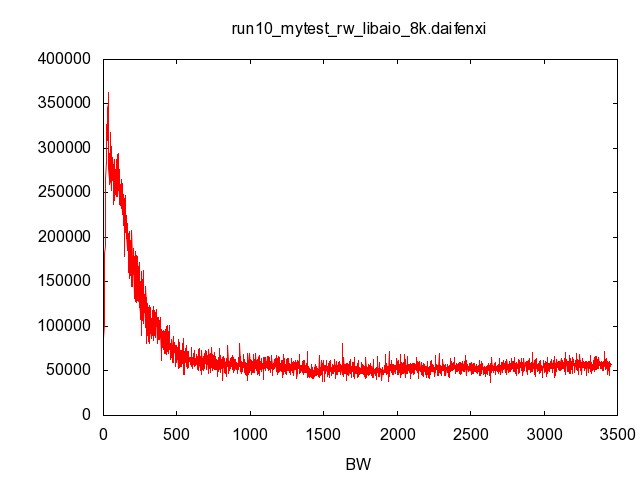
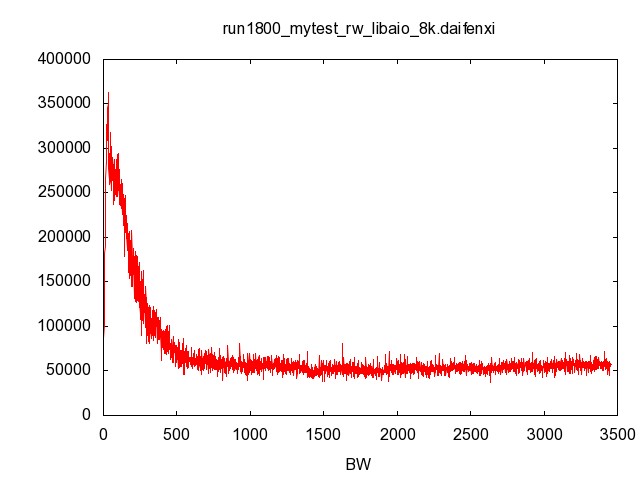
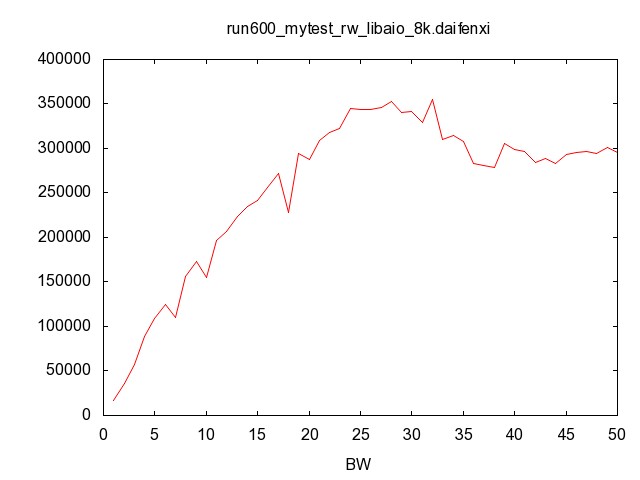
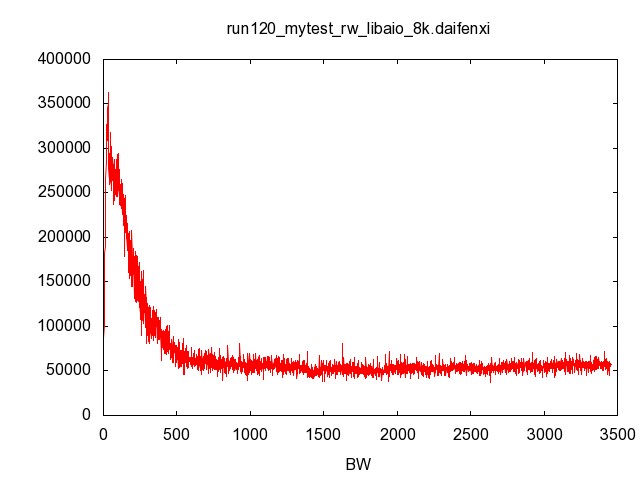
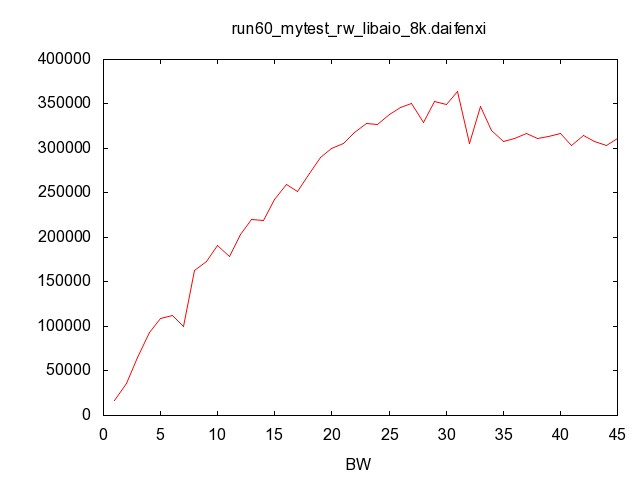
结论：会在numjobs为25左右达到最大值60W左右，且测试时间无关

##### 固定参数：2k、libaio、rw，变量：numjobs、测试时间



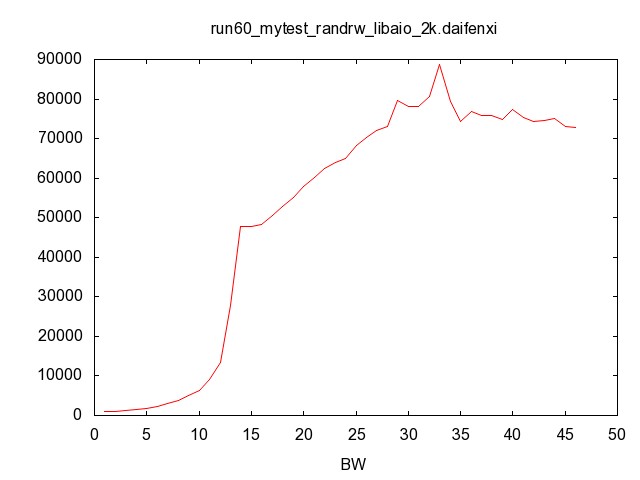
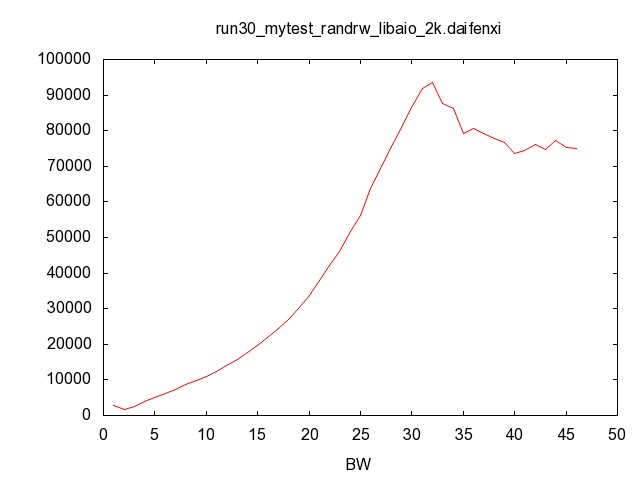
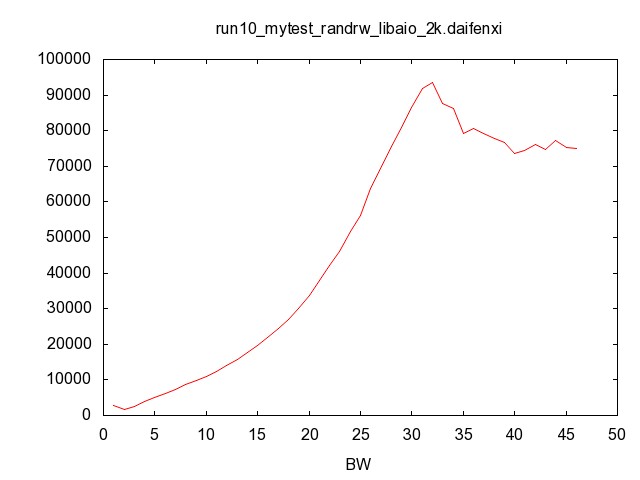
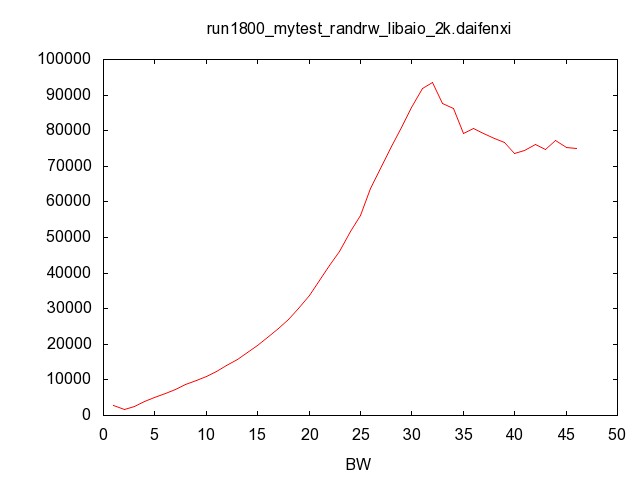
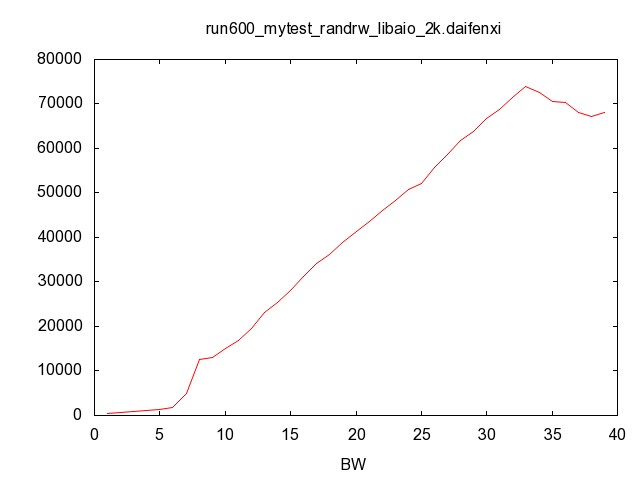
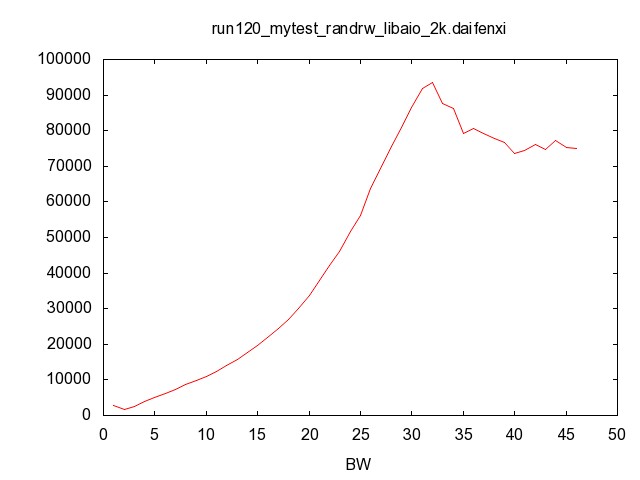
结论：没有什么规律，图像的最大值看比较像是其他程序占用资源导致波动较大，不过不太敢肯定。但是能得到一个比较有用的结论就是当numjobs过大时会影响性能，但是在大到一定程度后，竟让还是上升，比较诡异，没有理解

##### 固定参数：8k、libaio、rw，变量：numjobs、测试时间



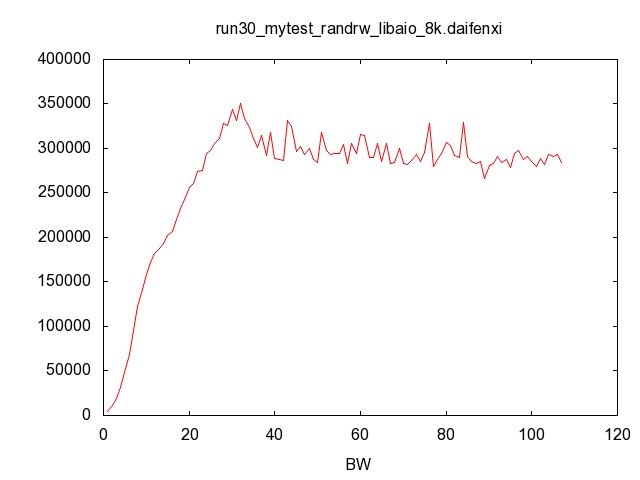
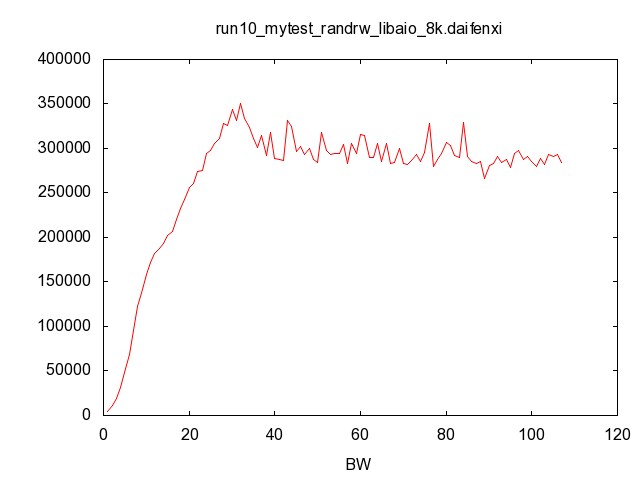
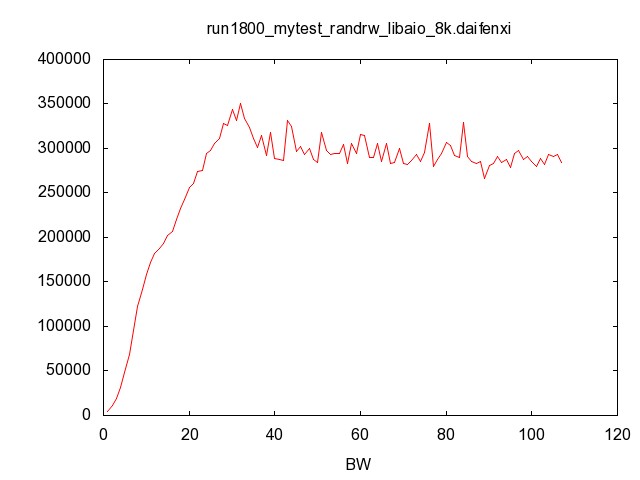
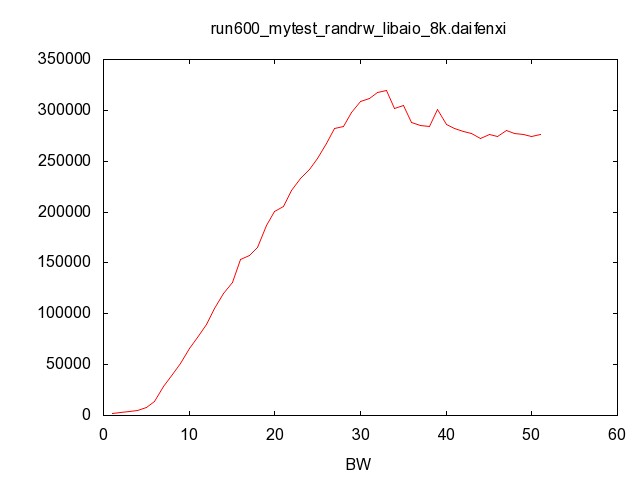
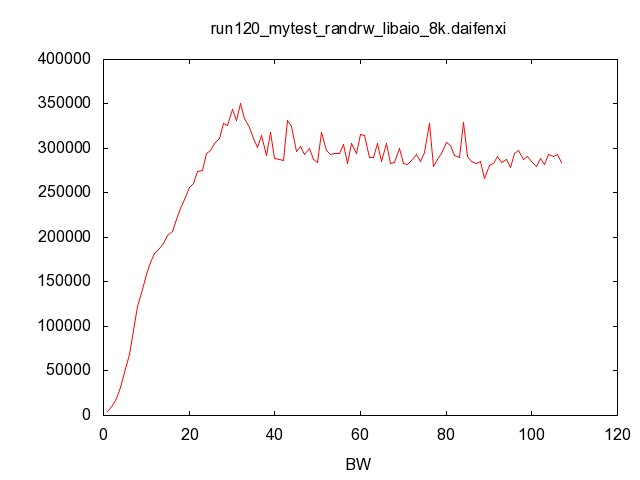
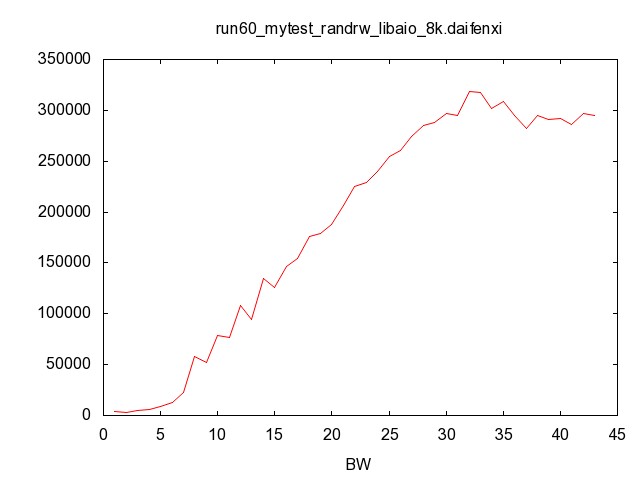
结论，和上一个差不多，不过就是最大值都在35w左右

##### 固定参数：2k、libaio、randrw，变量：numjobs、测试时间



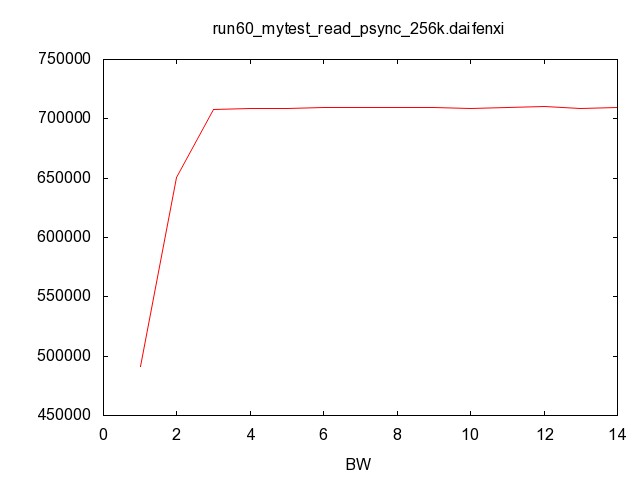
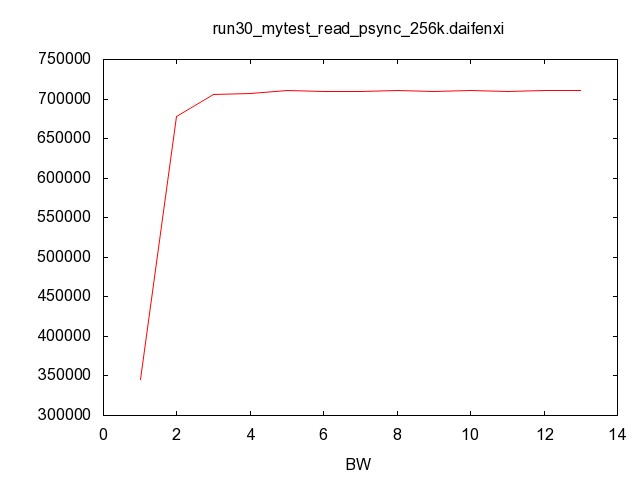
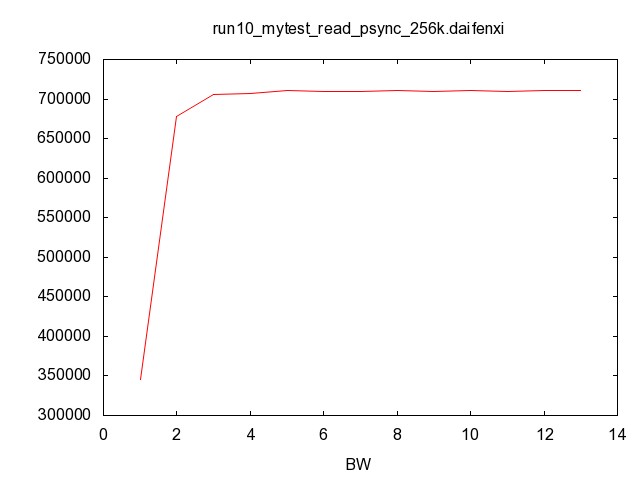
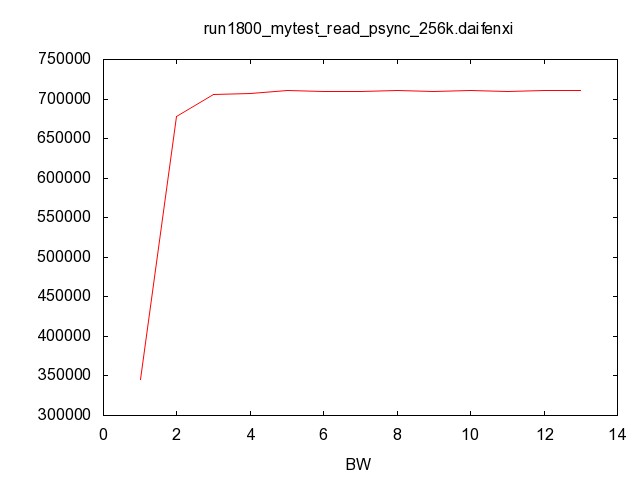
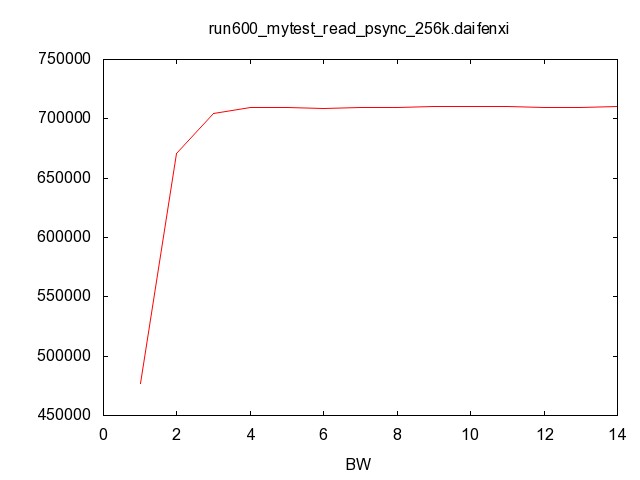
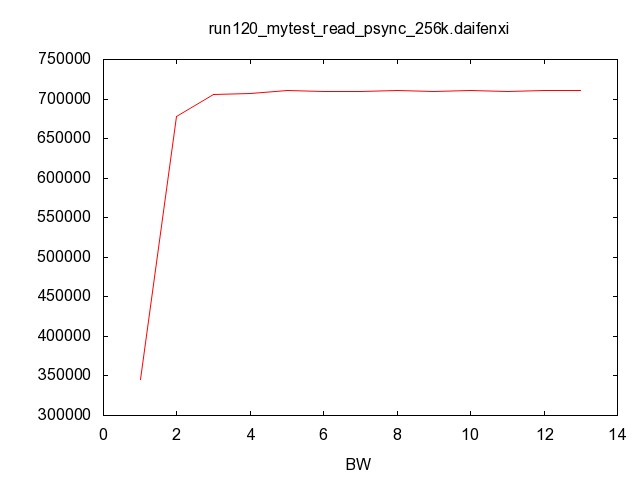
结论：numjobs在30-35之间，最大bw是9w

##### 固定参数：8k、libaio、randrw，变量：numjobs、测试时间



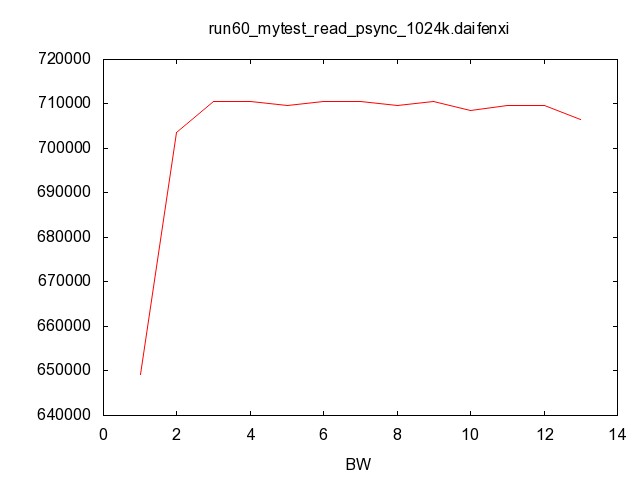
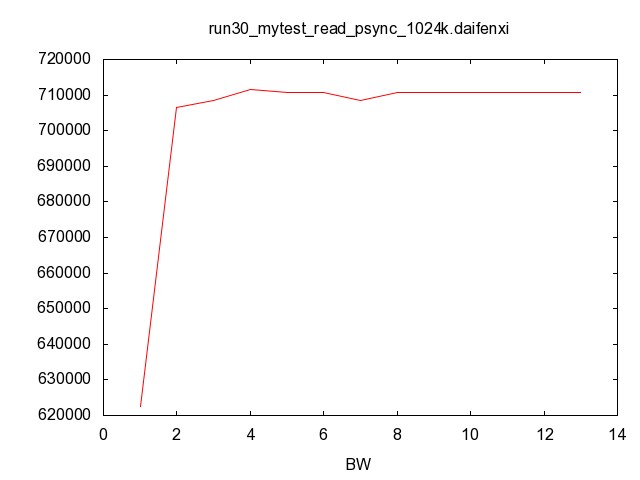
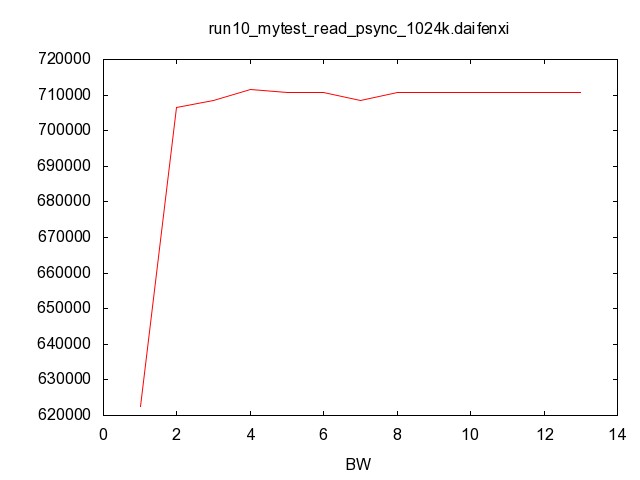
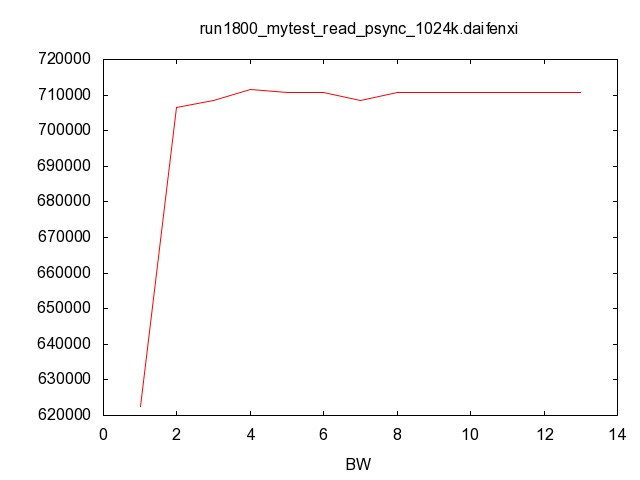
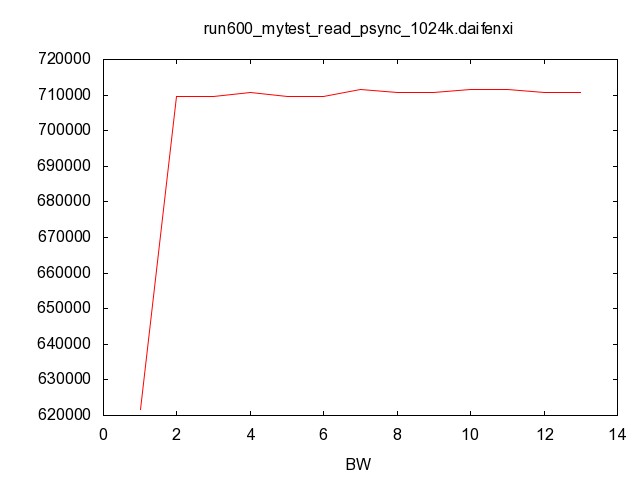
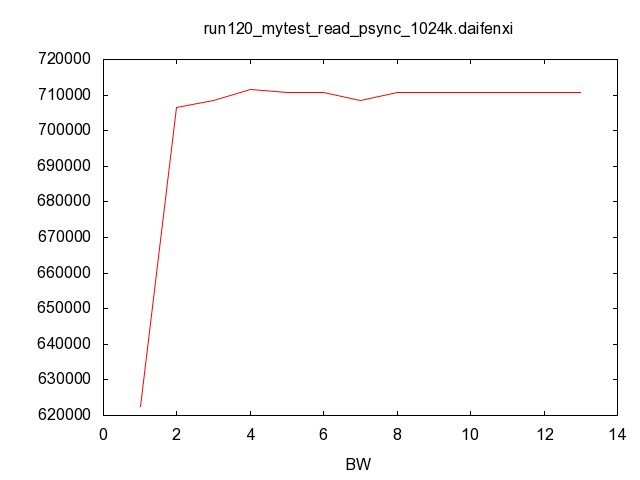
结论：会在numjobs为30左右达到最大值35W左右，且测试时间无关

##### 固定参数：256k、psync、read，变量：numjobs、测试时间



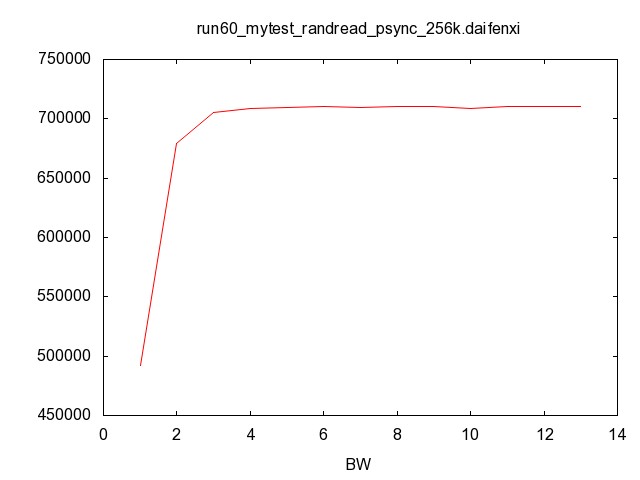
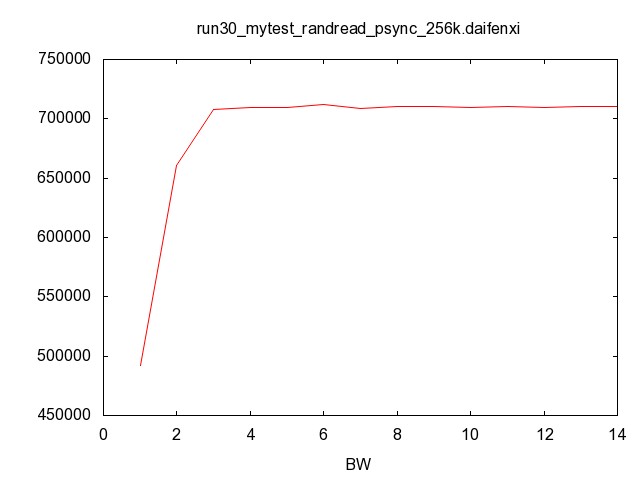
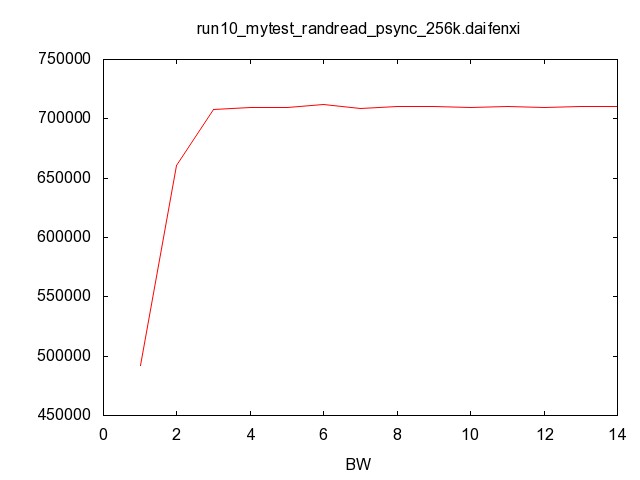
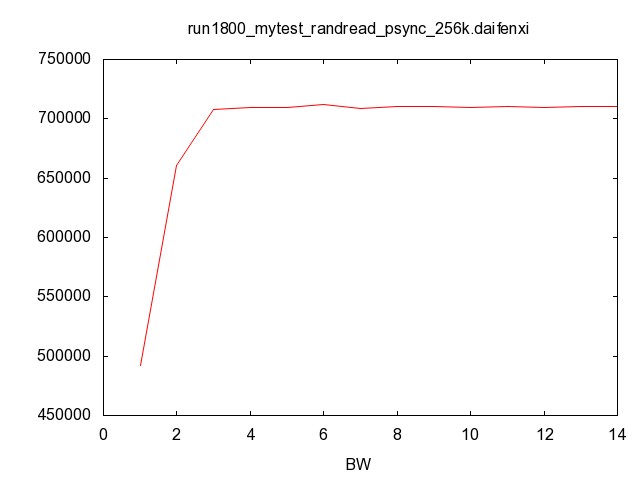
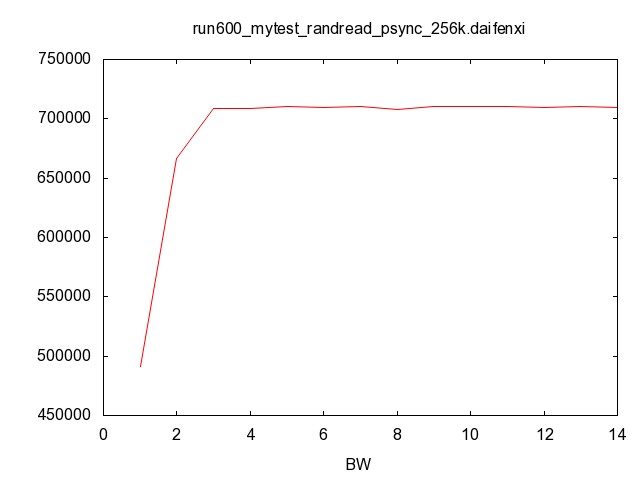
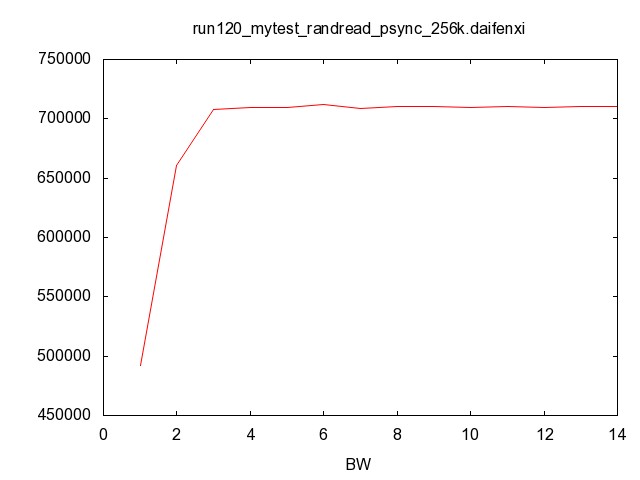
结论：会在numjobs为2左右达到最大值70W左右，且测试时间无关

##### 固定参数：1024k、psync、read，变量：numjobs、测试时间



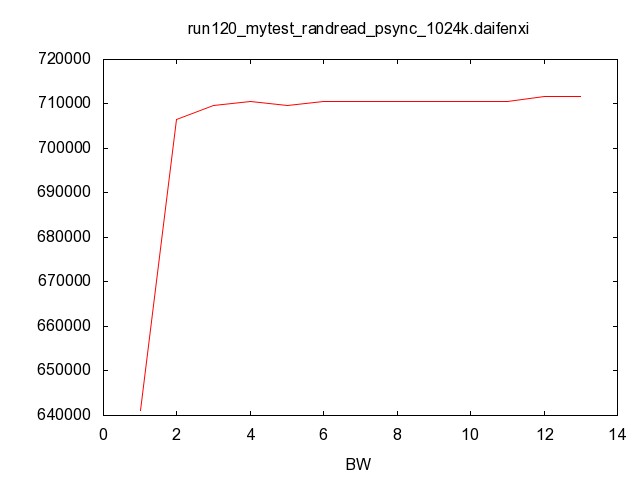
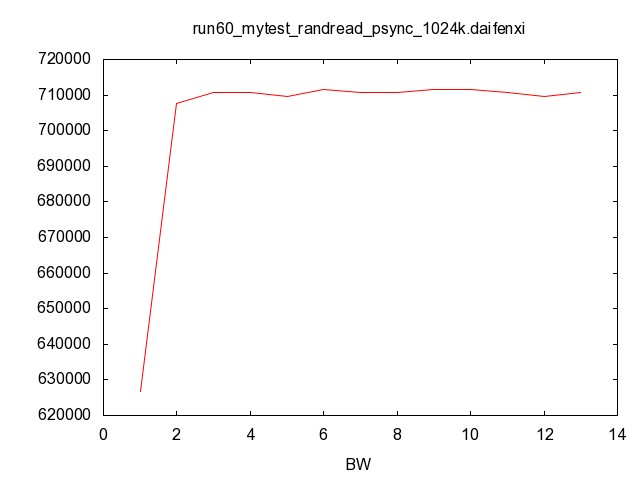
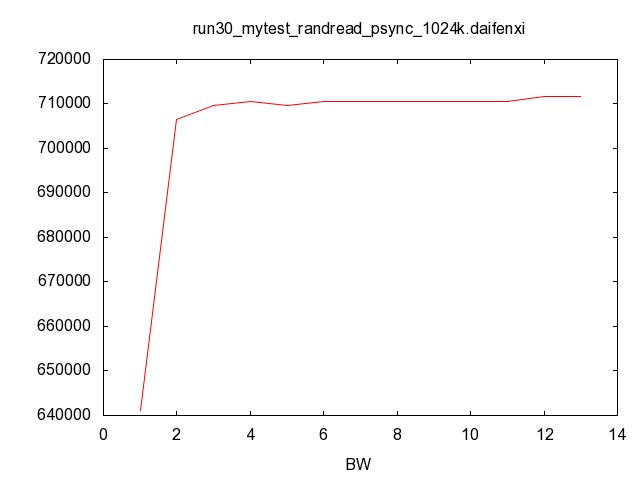
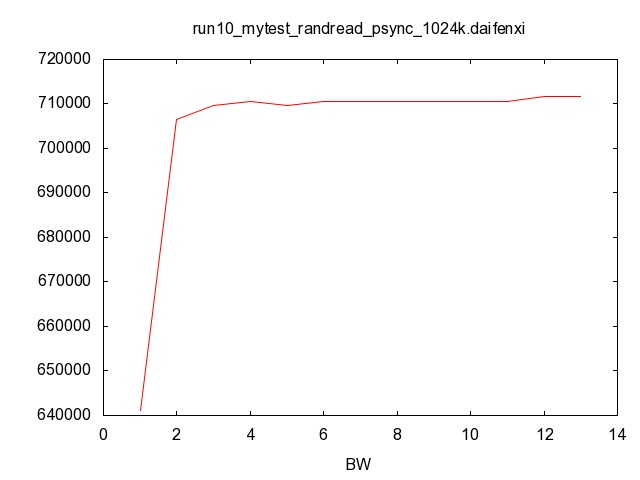
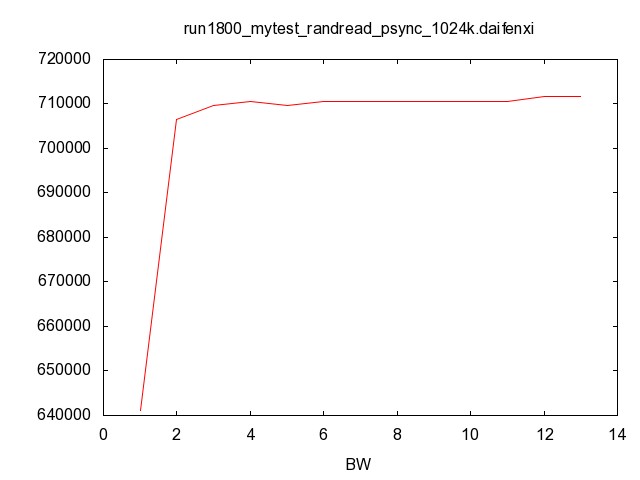
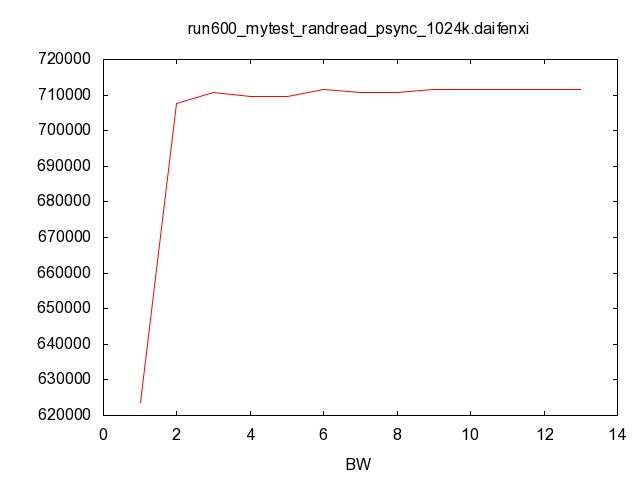
结论：会在numjobs为2左右达到最大值70W左右，且测试时间无关

##### 固定参数：256k、psync、randread，变量：numjobs、测试时间



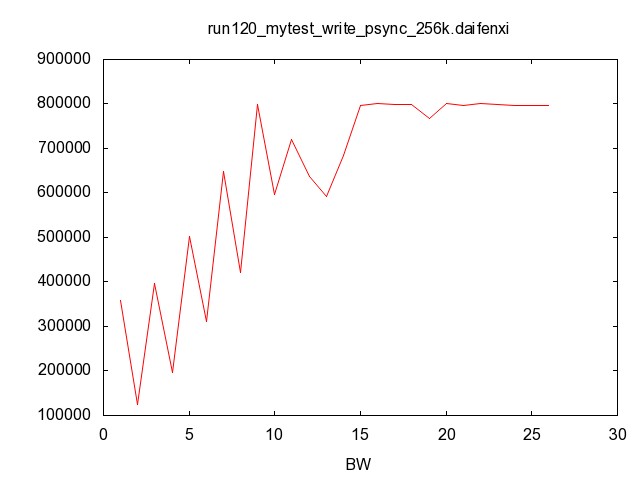
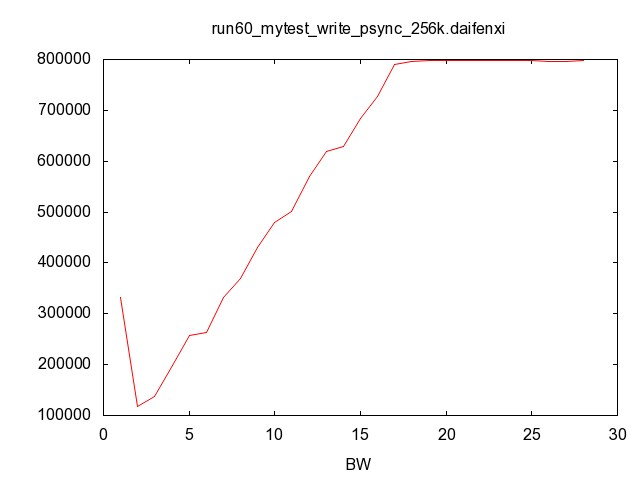
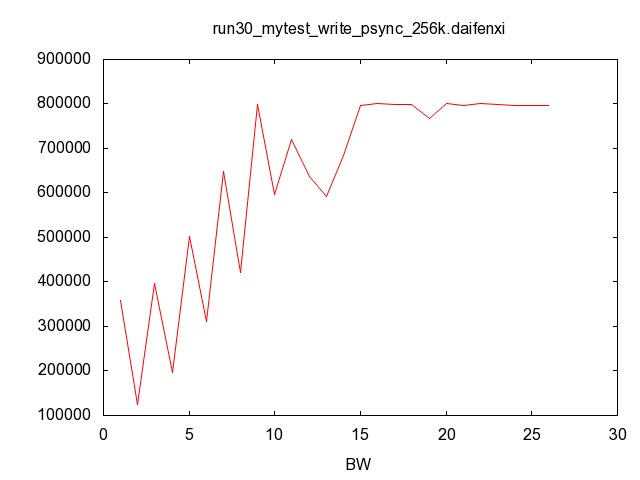
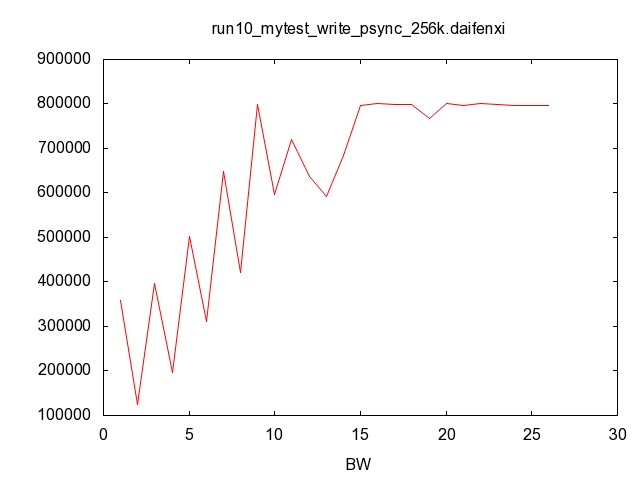
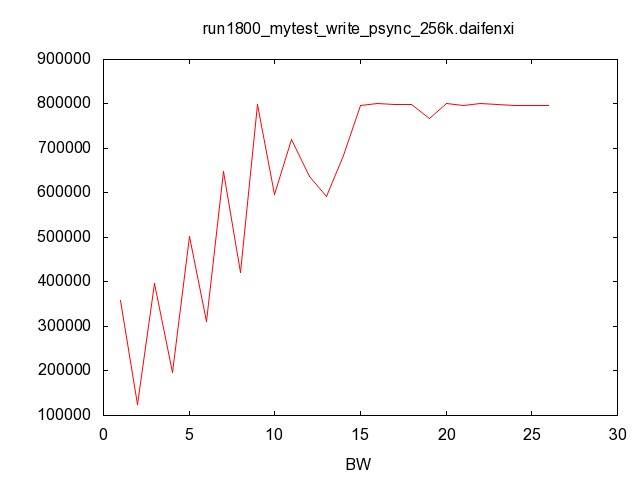
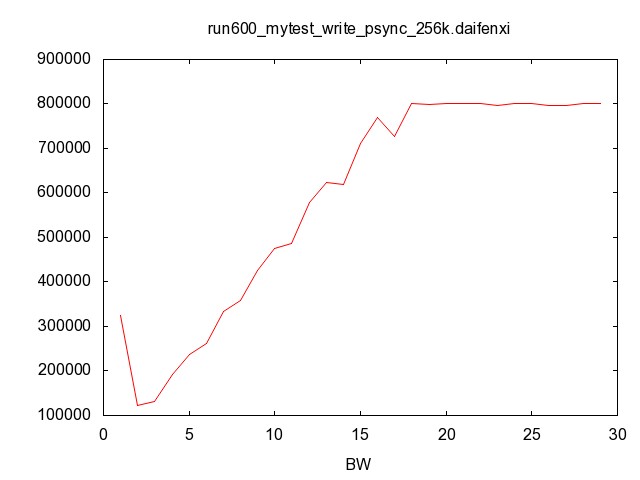
结论：会在numjobs为2左右达到最大值70W左右，且测试时间无关

##### 固定参数：1024k、psync、randread，变量：numjobs、测试时间



结论：会在numjobs为2左右达到最大值70W左右，且测试时间无关

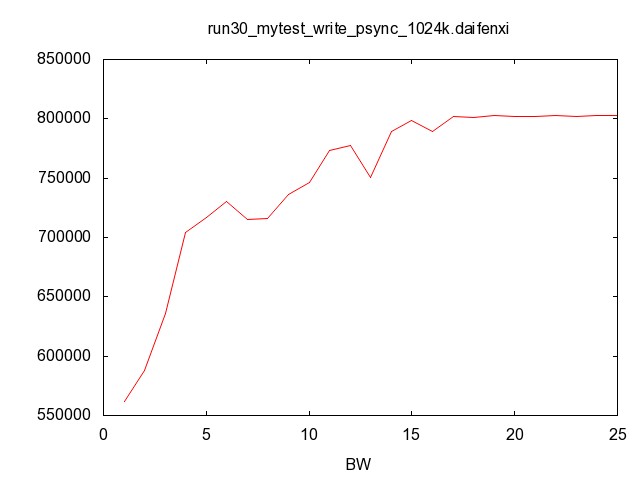
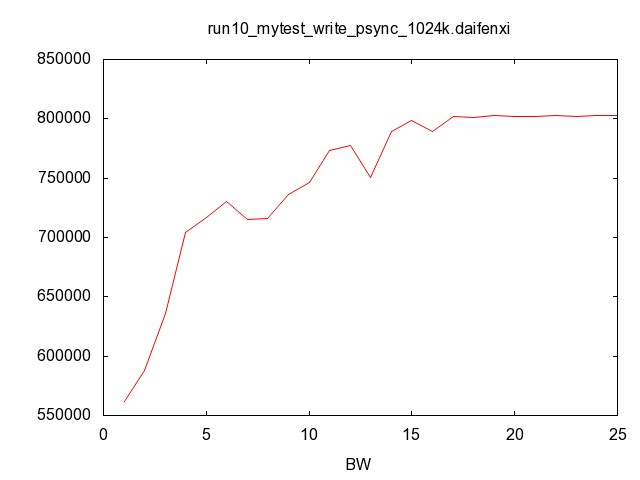
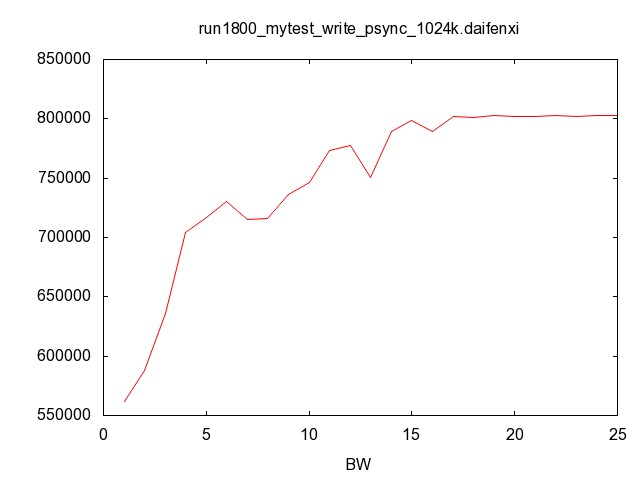
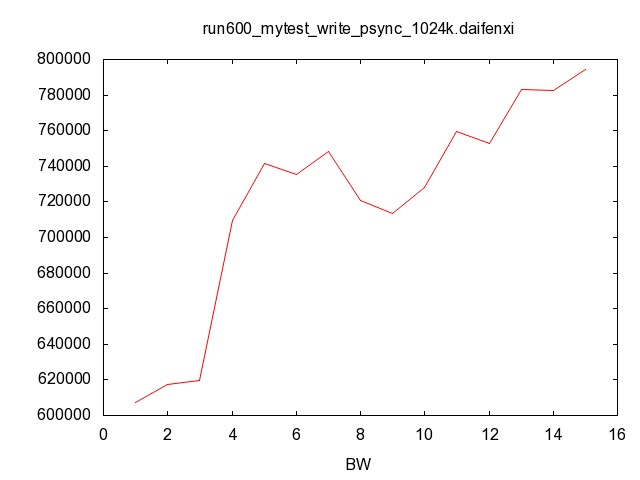
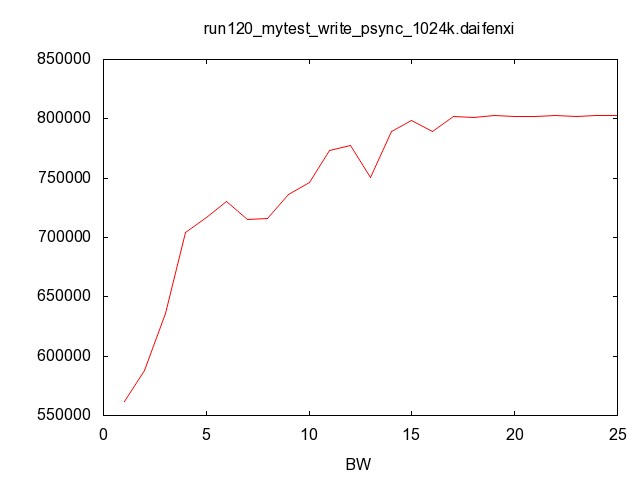
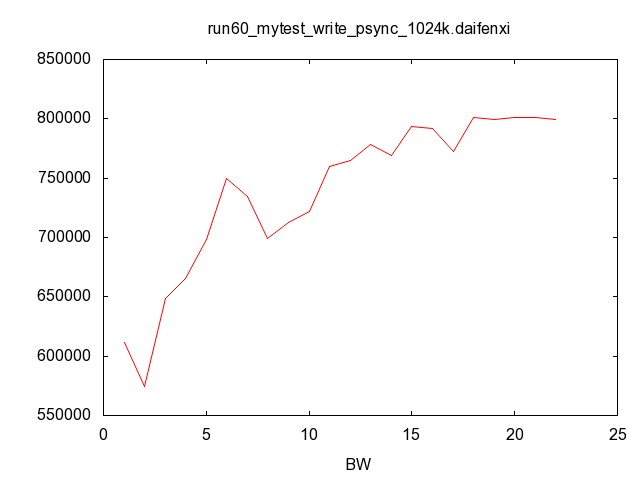
##### 固定参数：256k、psync、write，变量：numjobs、测试时间



结论：会在numjobs为15左右达到最大值80W左右，且测试时间无关

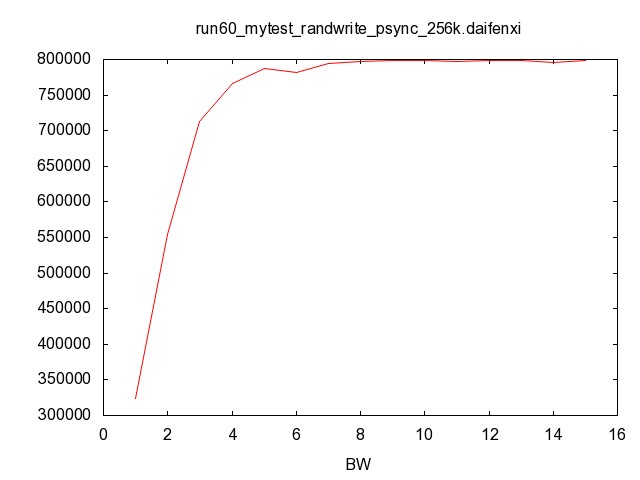
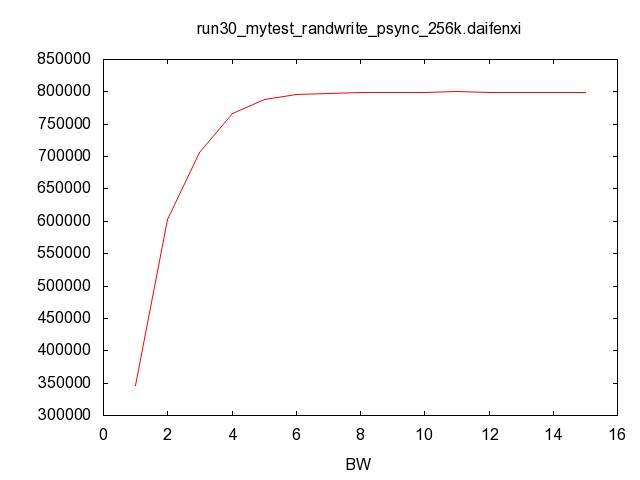
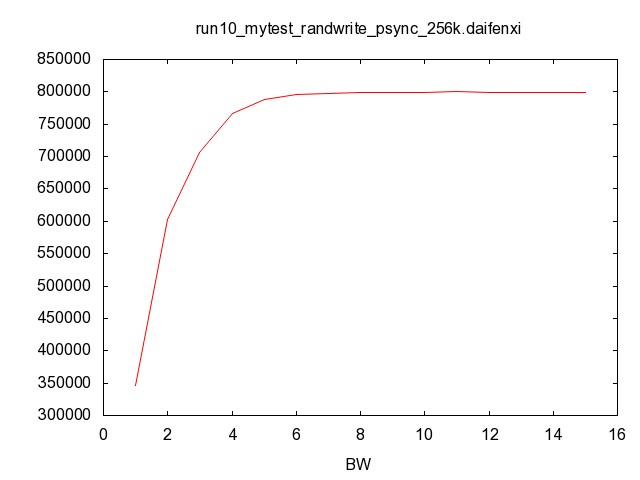
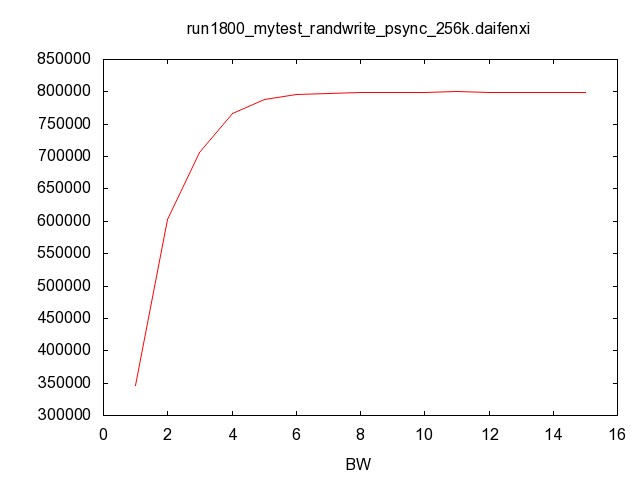
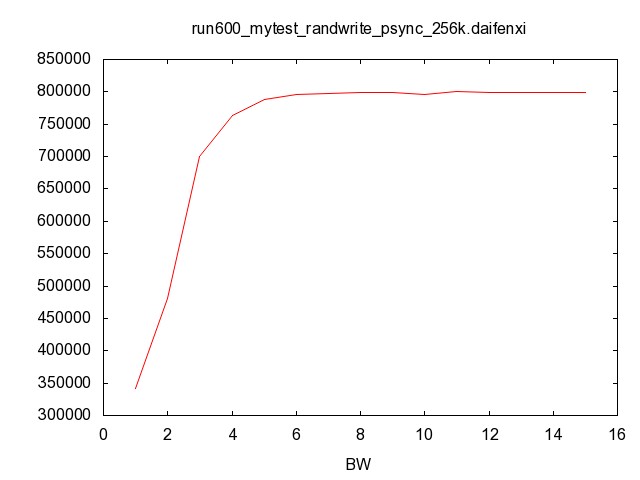
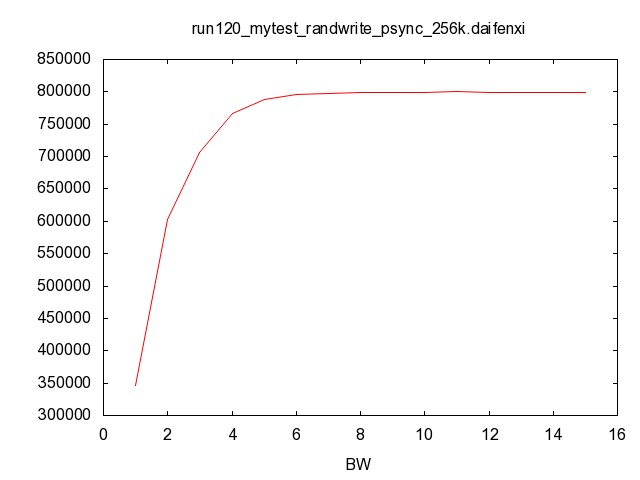
有个奇怪的现象，奇数numjobs比相邻的偶数numjobs的bw值大，增长呈w形状

##### 固定参数：1024k、psync、write，变量：numjobs、测试时间



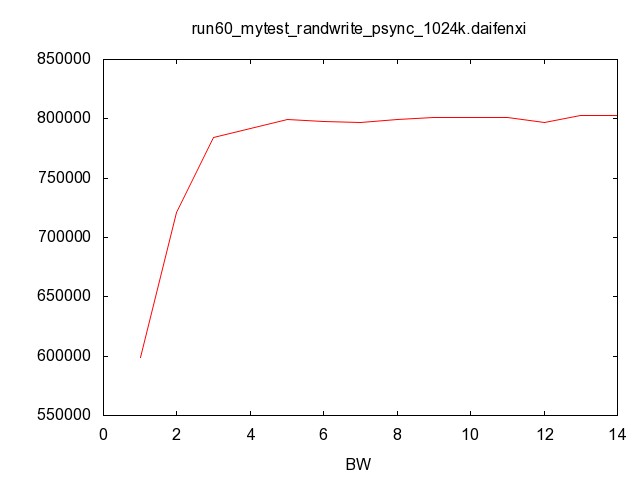
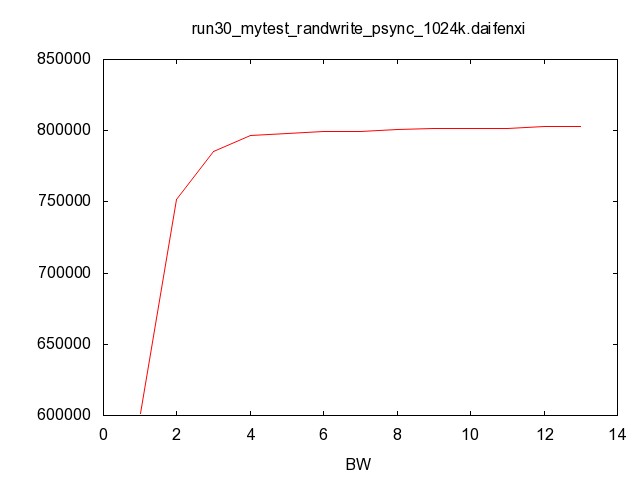
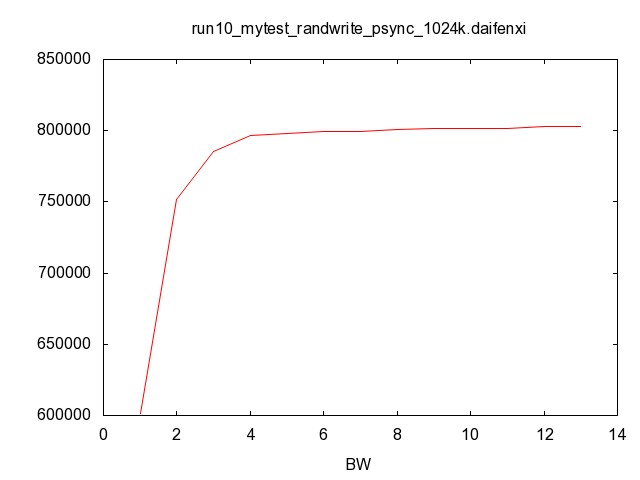
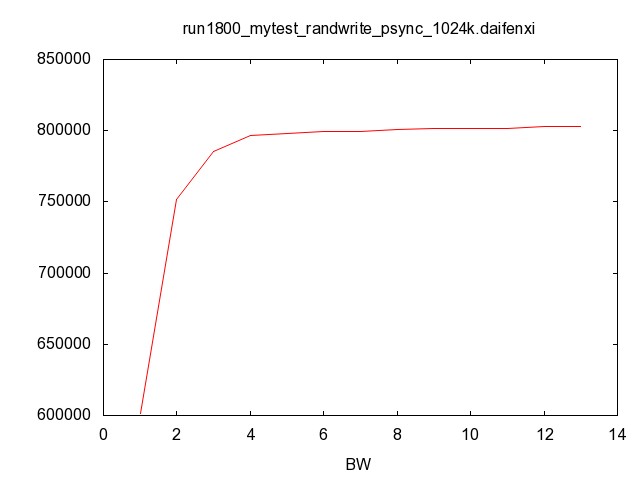
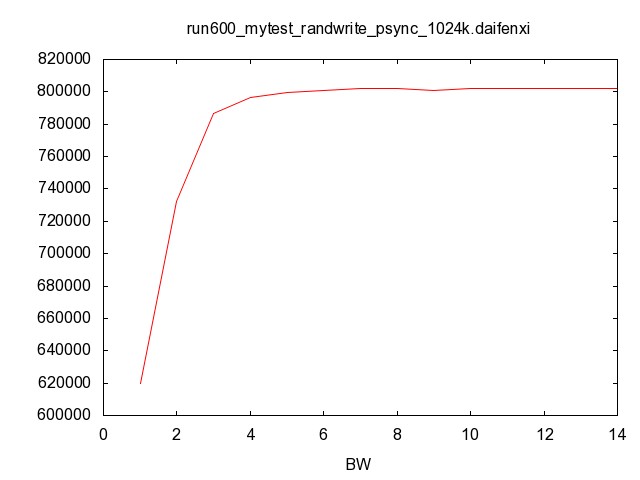
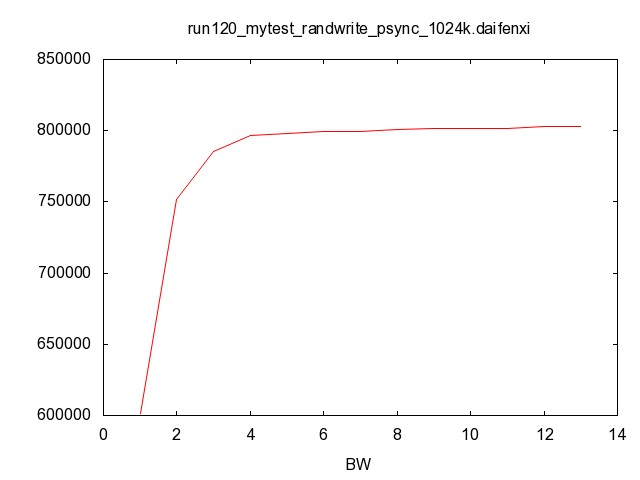
结论：会在numjobs为15左右达到最大值80W左右，且测试时间无关

##### 固定参数：256k、psync、randwrite，变量：numjobs、测试时间



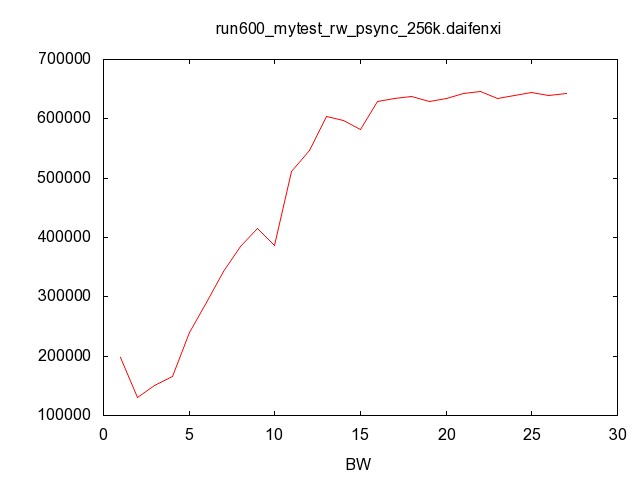
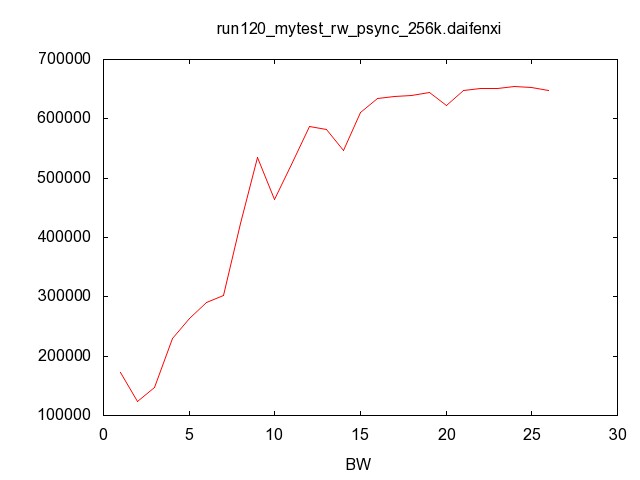
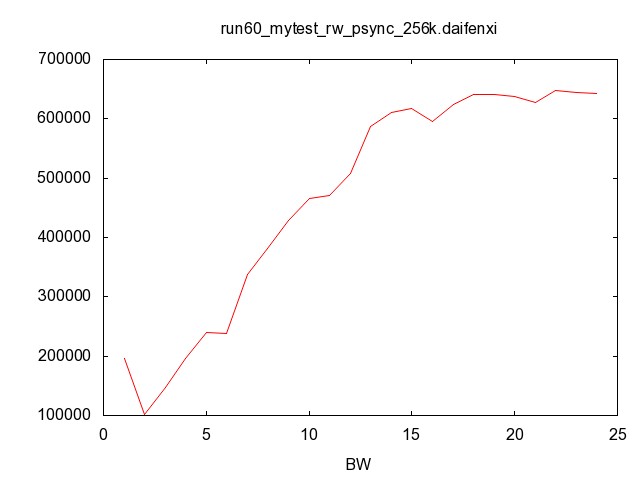
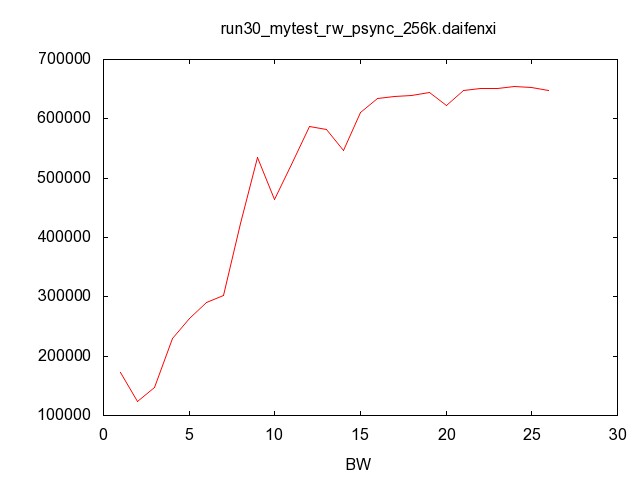
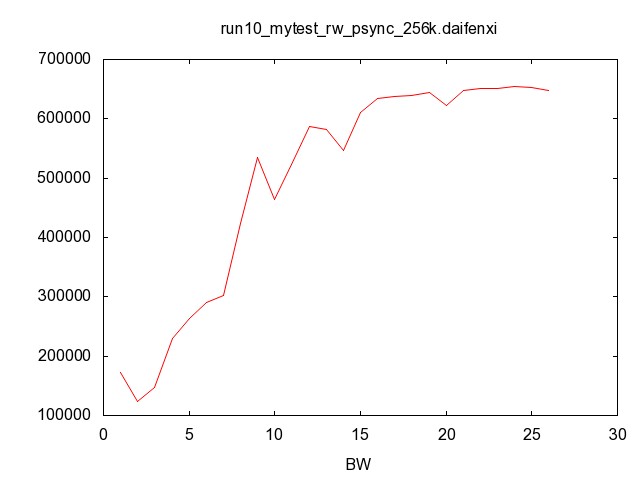
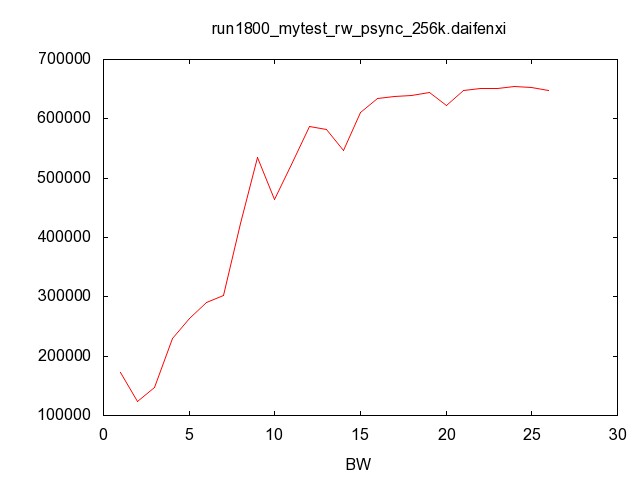
结论：会在numjobs为30左右达到最大值20W左右，且测试时间无关

##### 固定参数：1024k、psync、randwrite，变量：numjobs、测试时间



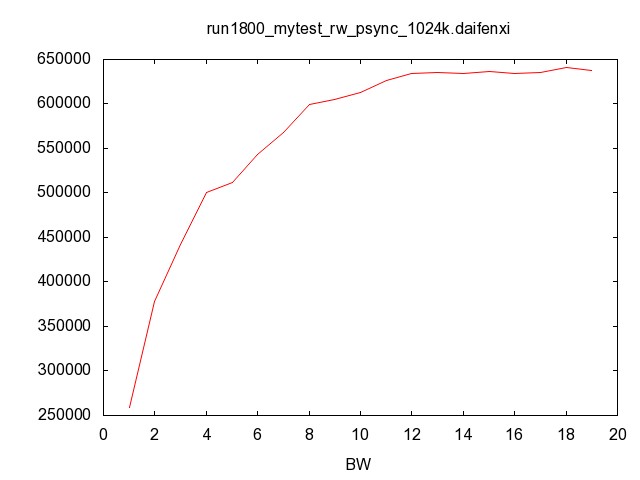
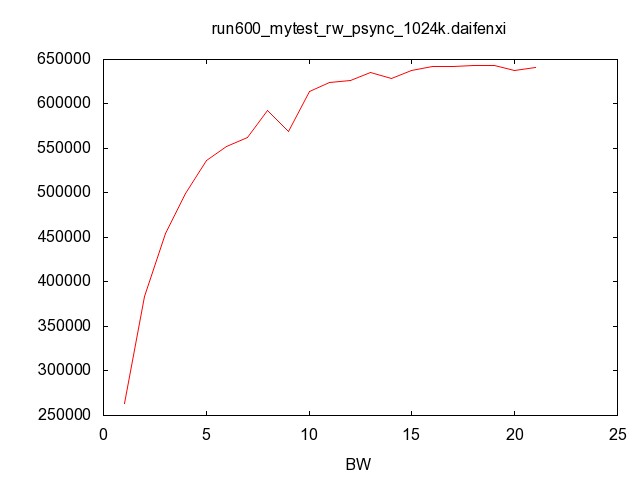
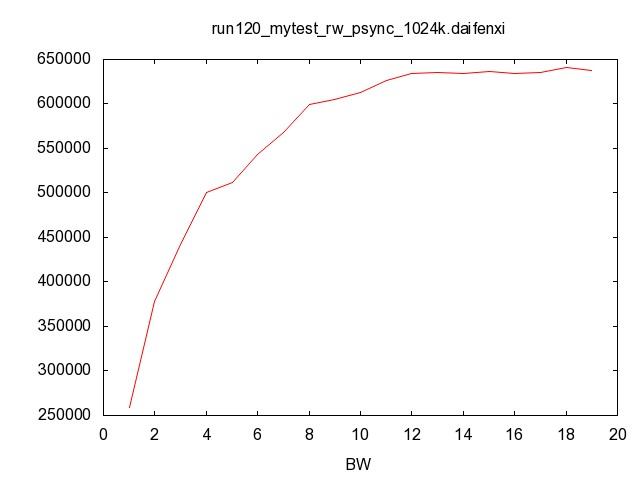
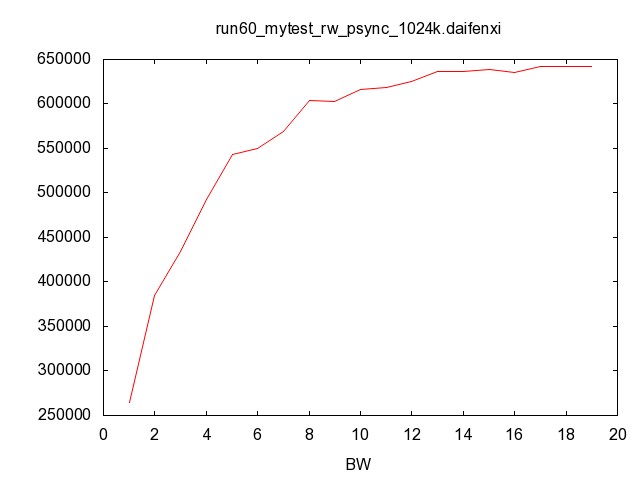
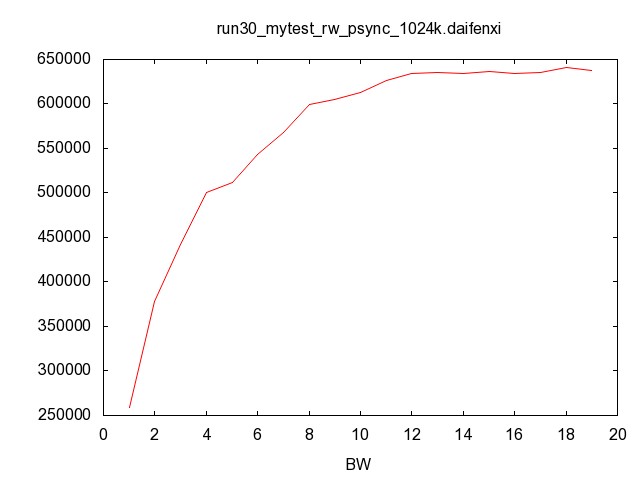
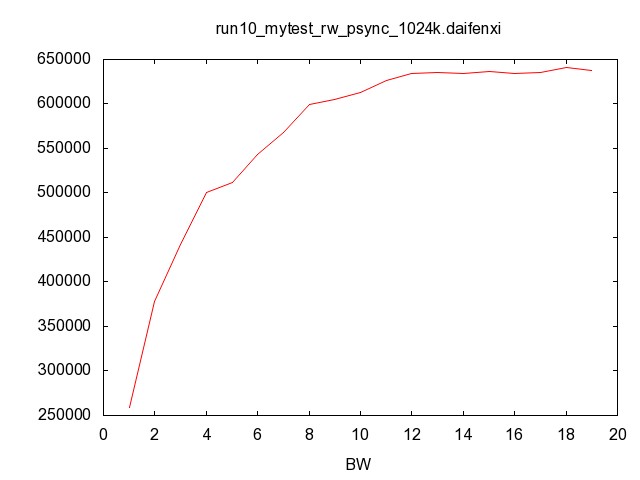
结论：会在numjobs为4左右达到最大值80W左右，且测试时间无关

##### 固定参数：256k、psync、rw，变量：numjobs、测试时间



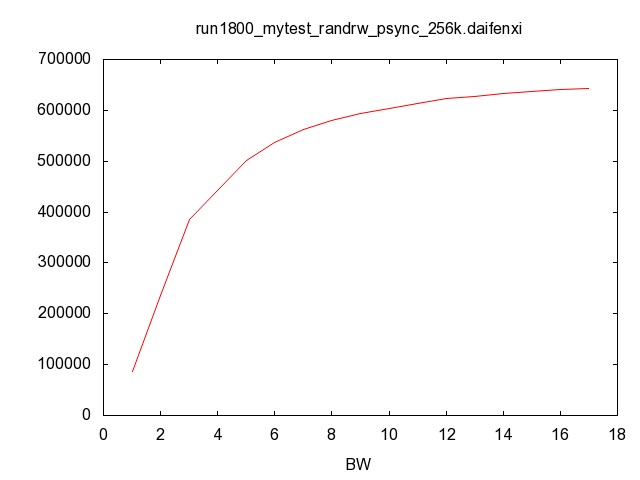
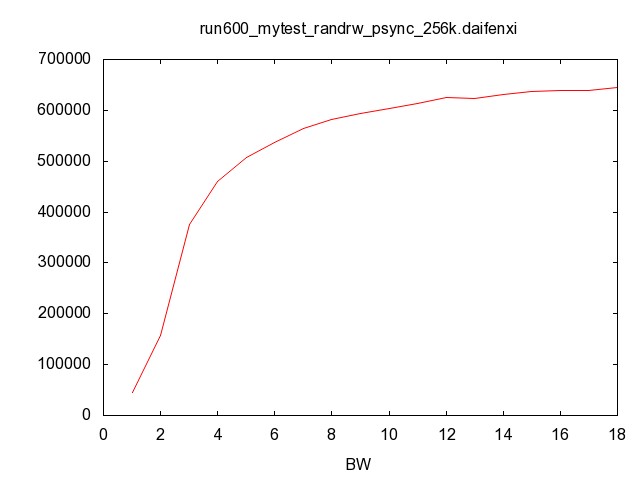
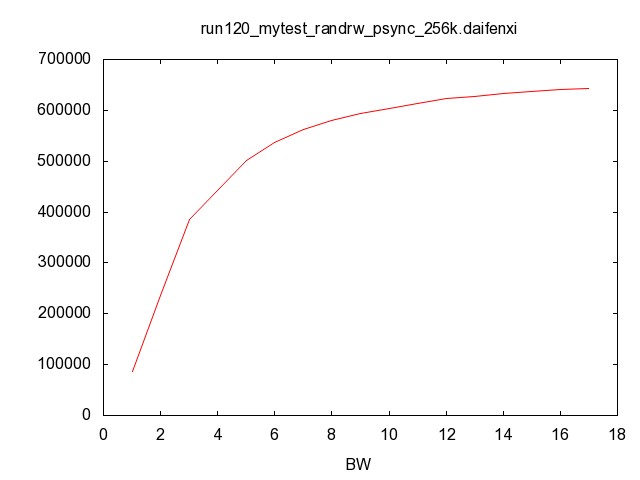
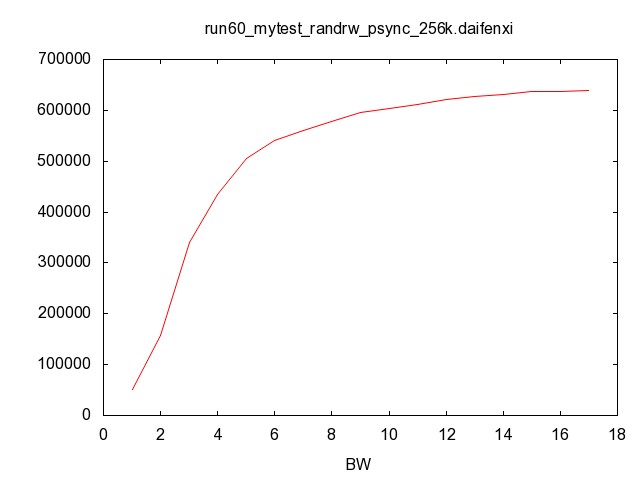
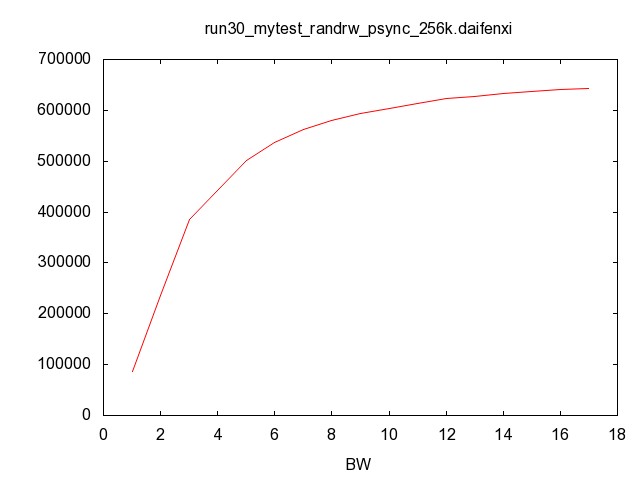
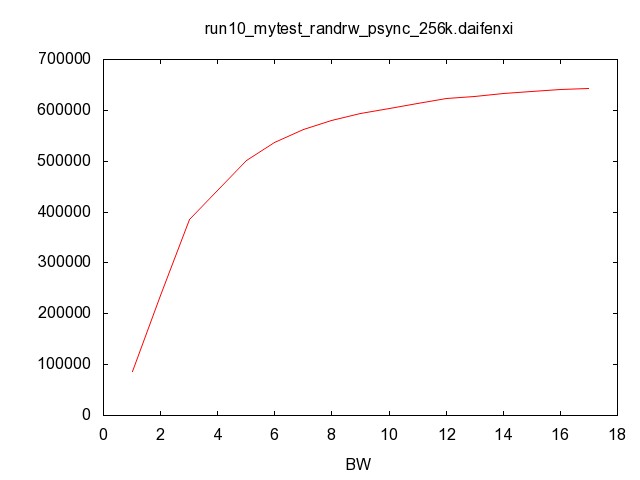
结论：会在numjobs为15左右达到最大值60W左右，且测试时间无关

##### 固定参数：1024k、psync、rw，变量：numjobs、测试时间



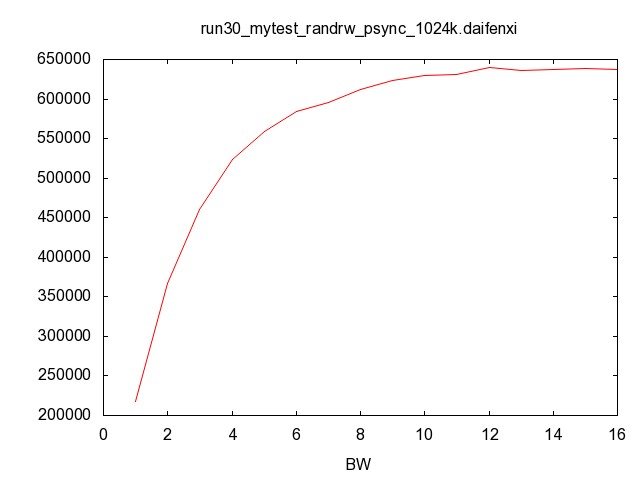
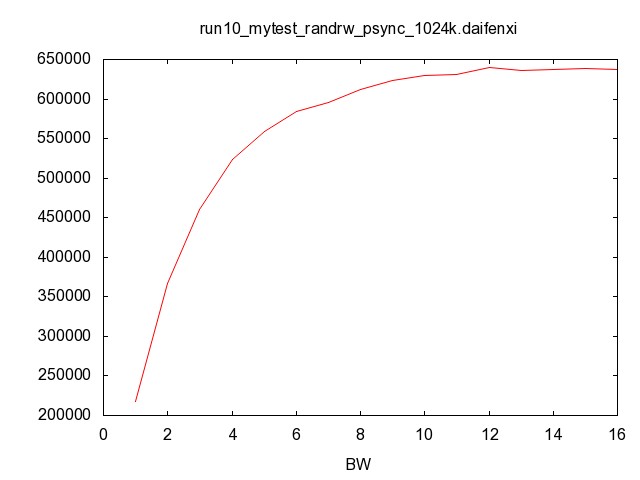
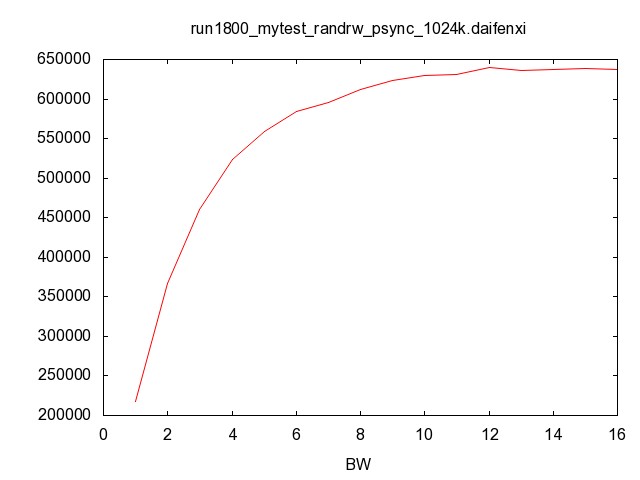
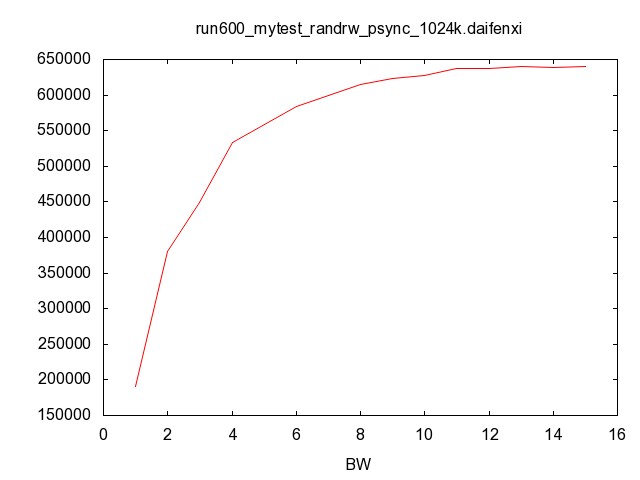
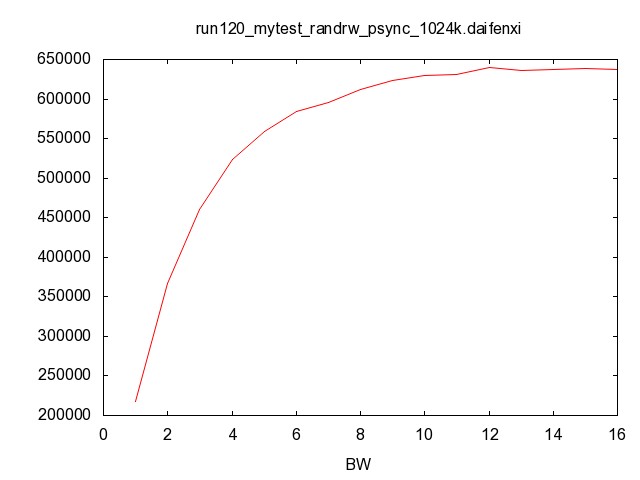
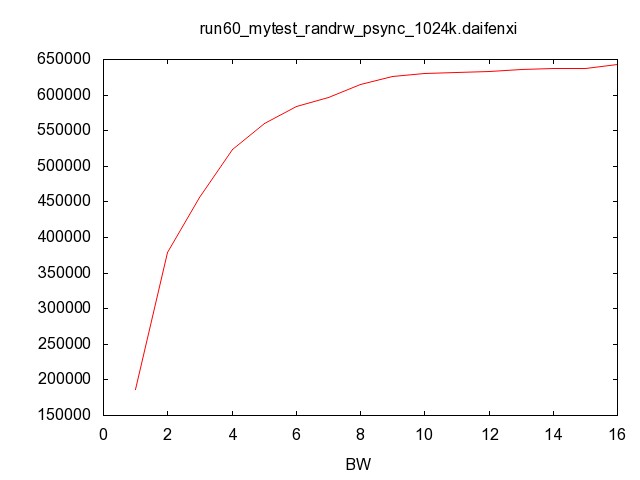
结论：会在numjobs为12左右达到最大值65W左右，且测试时间无关

##### 固定参数：256k、psync、randrw，变量：numjobs、测试时间



结论：会在numjobs为12左右达到最大值60W左右，且测试时间无关

##### 固定参数：1024k、psync、randrw，变量：numjobs、测试时间



结论：会在numjobs为10左右达到最大值60W左右，且测试时间无关