Reduce:

Plots about reduce:

It is not only crucial to set number of threads and n -value at the same time it is important to choose a right granularity in order to achieve better speed ups.In reduce I observe maximum speed ups when n=10 power 8. And in static scheduling when n is grater than 10 power 6 there are massive speed ups than n<10 power6 .This shows the trade off between granularity, n-value and number of threads.

Numerical Integration:

If the number of threads are divisable with n and granularity I see better speed ups and proper load balancing than other values.In numerical integration is certainly affected by intensity values also.