The graph illustrates the number of instructions required per 1,000 allocations as a function of the allocation size in megabytes. The x-axis represents the allocation size in MB, ranging from 1 MB to 512 MB. The y-axis shows the number of instructions, with values ranging from 0 to 900,000.

Different file systems and variations are compared:
- PRAMFS (mmap)
- PRAMFS file system
- Ext2 file system
- PRAMFS (direct w/o cache)
- PRAMFS (direct w/ cache)
- PRAMFS (indirect)

The graph shows that PRAMFS (mmap) generally has the highest number of instructions, while Ext2 file system has the lowest. The number of instructions increases significantly with increasing allocation sizes, especially for PRAMFS (mmap) and PRAMFS (direct w/o cache).