4 Scalability of the data model supported by ROOT

- NA49: about 10 TBytes per run, several runs per year;
- datasets of about 70 GBytes routinely used in the analysis;
- support for 64-bit filesystems is coming in December'97

5 Data access over the network

- ROOT provides tools (**TNetFile** class) for accessing the files over the network using **rootd** remote file server daemon (in some sense equivalent to PIAF server)
- Idea of **PROOF (Parallel ROOT Facility)** server: in case of network-distributed data it is less expensive to copy over the network not the data, but the executables. The thing left: coordination of the output. PROOF server undergoes final testing in NA49.