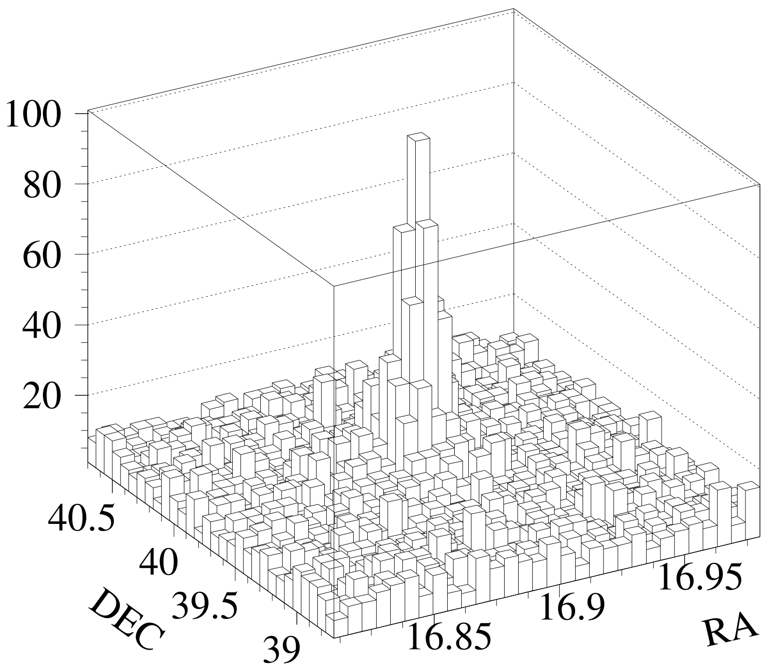
Performance of the DAQ

	Pixel	Telescope	System
Trigger	10mV(8p.e.)	2/271 (+NN pattern)	2 out of 4
Rates	0.2-5 kHz	0.1-2kHz (20-25 Hz)	10-13 Hz
Deadtime	<0.02%	<0.6% (<0.1%)	<3%

The fraction of "golden" 4 telescope system events written to disk is ≈98%. These events survived possible uncorrelated deadtime at the telescopes and all possible online inefficiencies in data buffering, data networking and online event building. The resulting data amount is 400-500 Mbyte per hour of data taking. Since July 1997 the trigger threshold is further reduced to 8mV, leading to ≈15-16Hz system trigger, ≈95% "golden" events and ≈600Mbyte data per hour of observation.



Mkn501 as an observational example: already the raw data (without image shape cuts) reveals a significant γ-ray signal within 1 hour of observation.