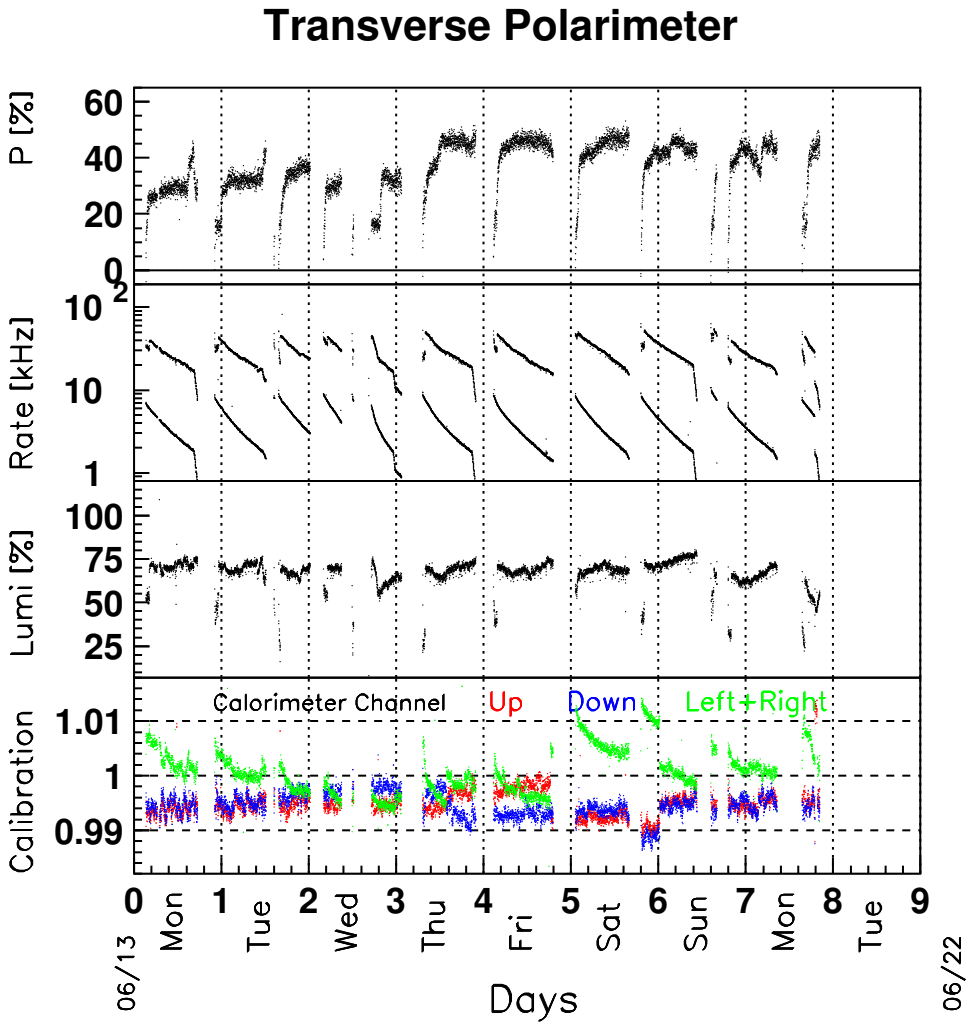
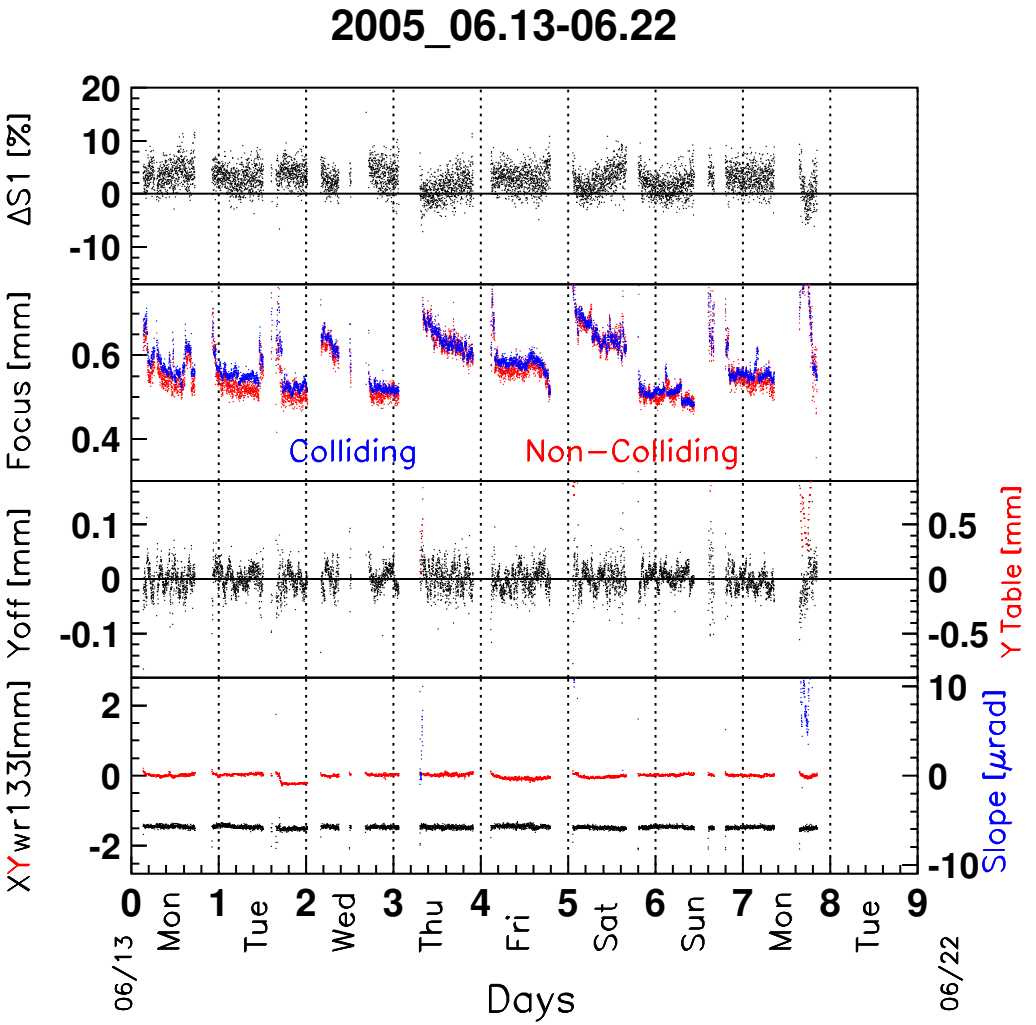
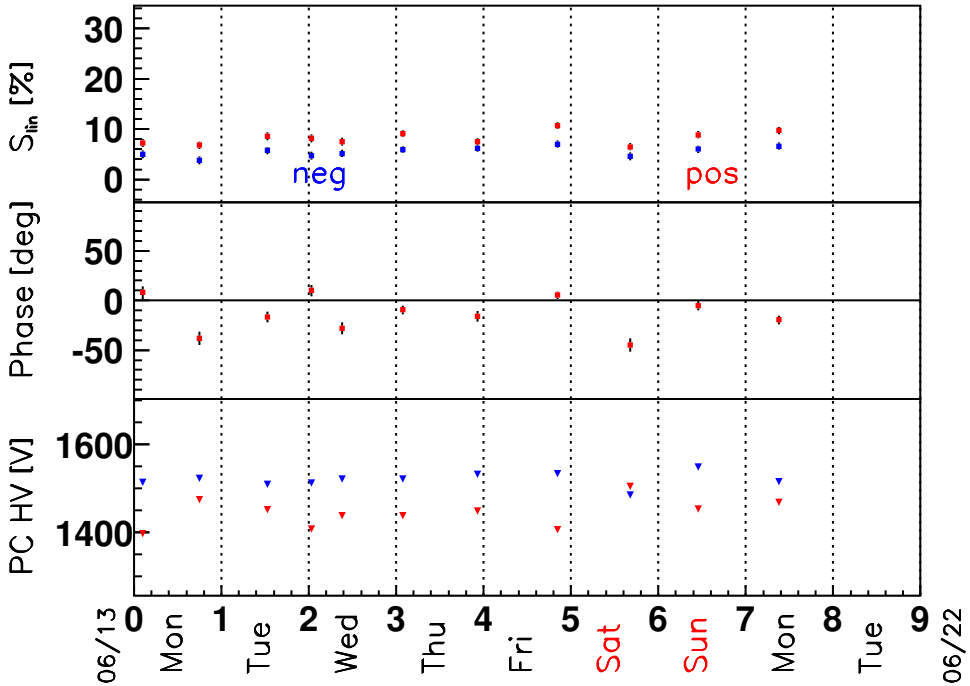

Transverse Polarimeter
P [%]
Rate [kHz]
Lumi [%]
Calibration
Calorimeter Channel
Up
Down
Left+Right
Days
06/13
06/22

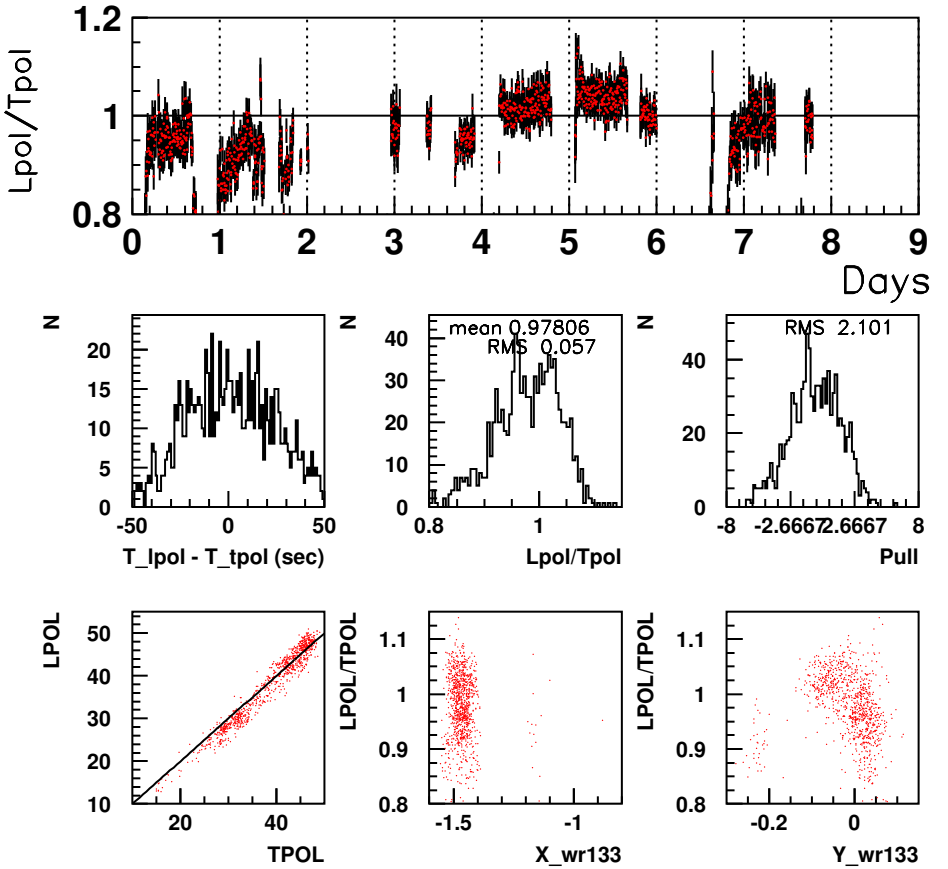

2005_06.13-06.22
ΔS1 [%]
Focus [mm]
Colliding
Non−Colliding
Yoff [mm]
XYwr133[mm]
Y Table [mm]
Slope [μrad]
Days
06/13
06/22

Linear Light 2005_06.13-06.22



HERA (min)	Tuning	Lumi Run (70.0%)	HV Off
	269.	7787.	94.
TPOL Down	54.	20.	77.
Efficiency	80.0%	99.7%	18.2%

LPOL/TPOL average 5 min 2005_06.13-06.22

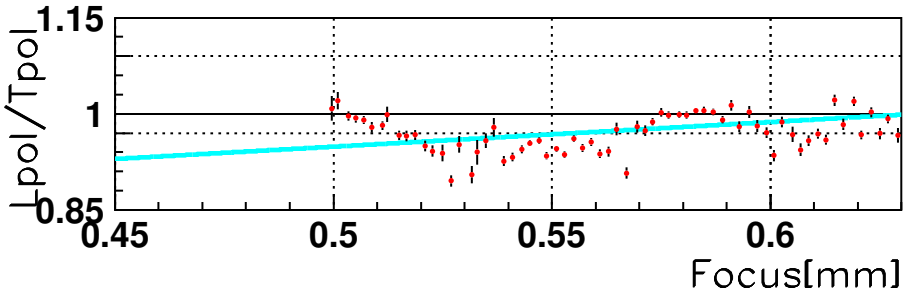


TPOL Focus 2005_06.13-06.22

10 min Average

Lpol/Tpol = (0.38±0.02)*Focus + (0.76±0.01)

$\chi^2/(553-2) = 7.67$ PROB = 0.0000000

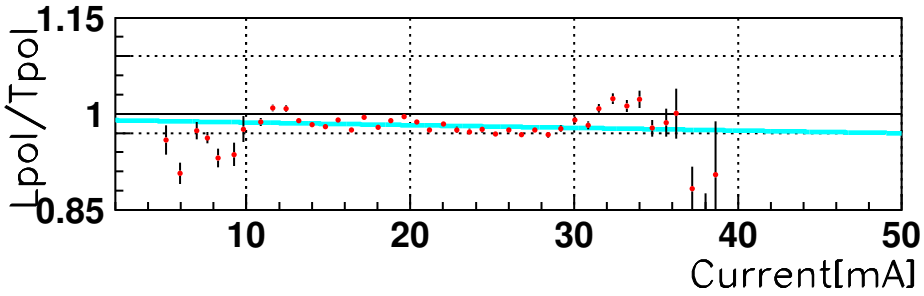


HERA Current 2005_06.13-06.22

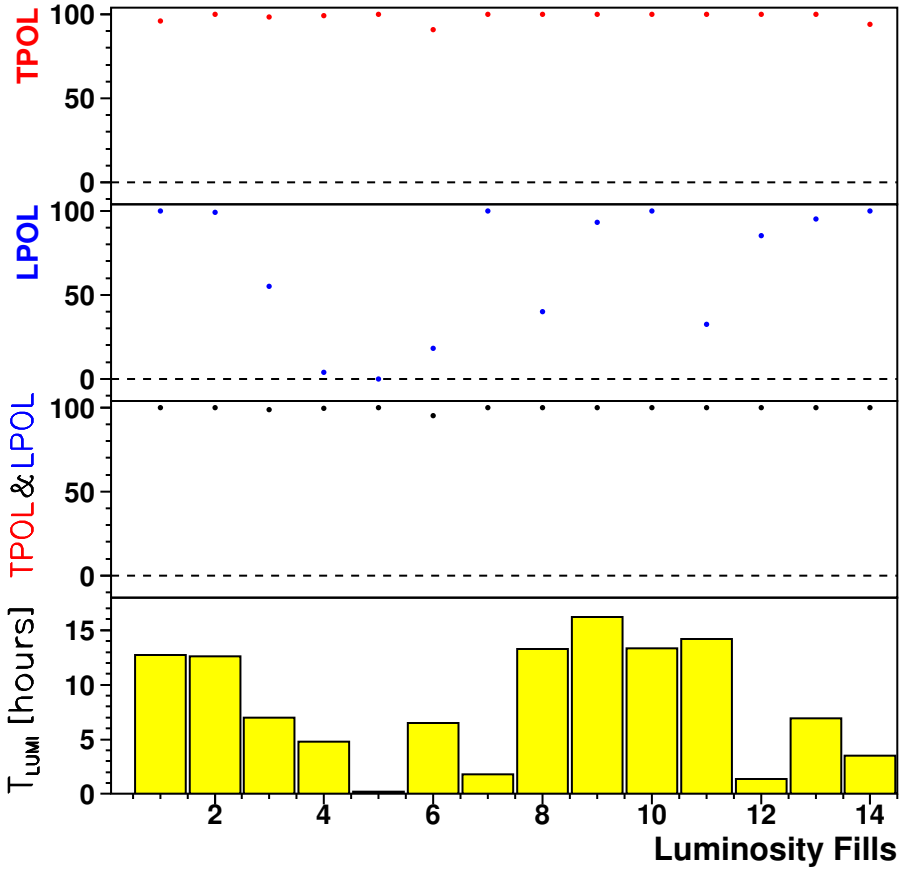
15 min Average

Lpol/Tpol = (−0.0004±0.0001)*Current + (0.99±0.00)

$\chi^2/(378-2) = 12.46$ PROB = 0.0000000



Polarimetry Efficiency 2005_06.13-06.22



% *Efficiency* TPOL = 98.72 LPOL = 71.65 BOTH = 99.61