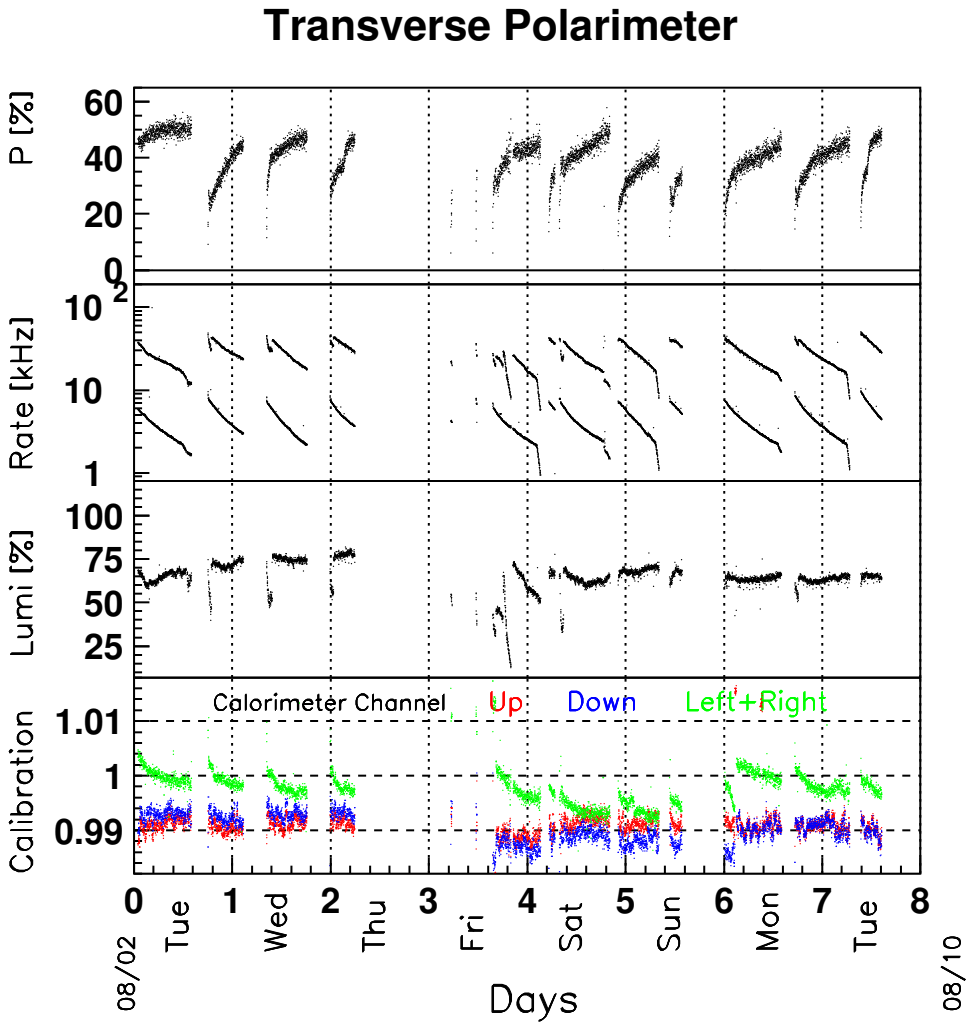
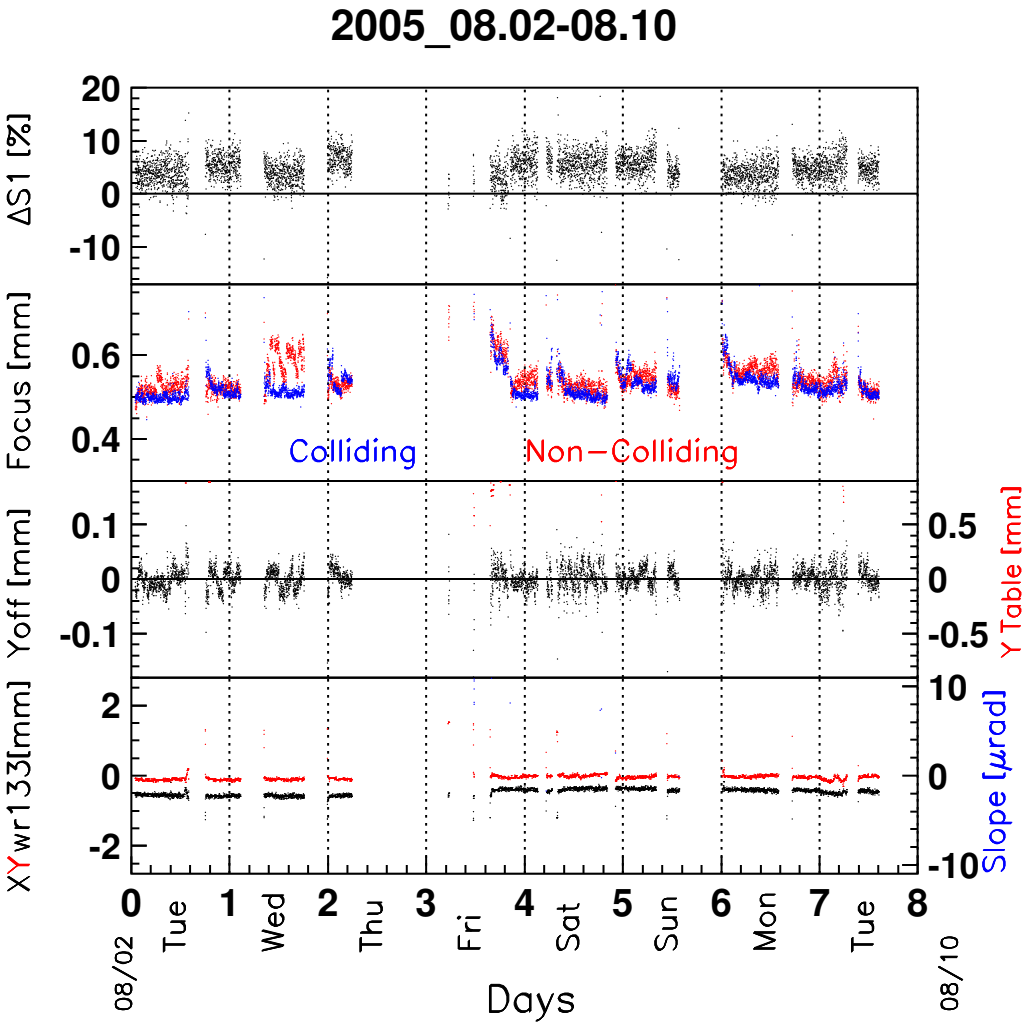
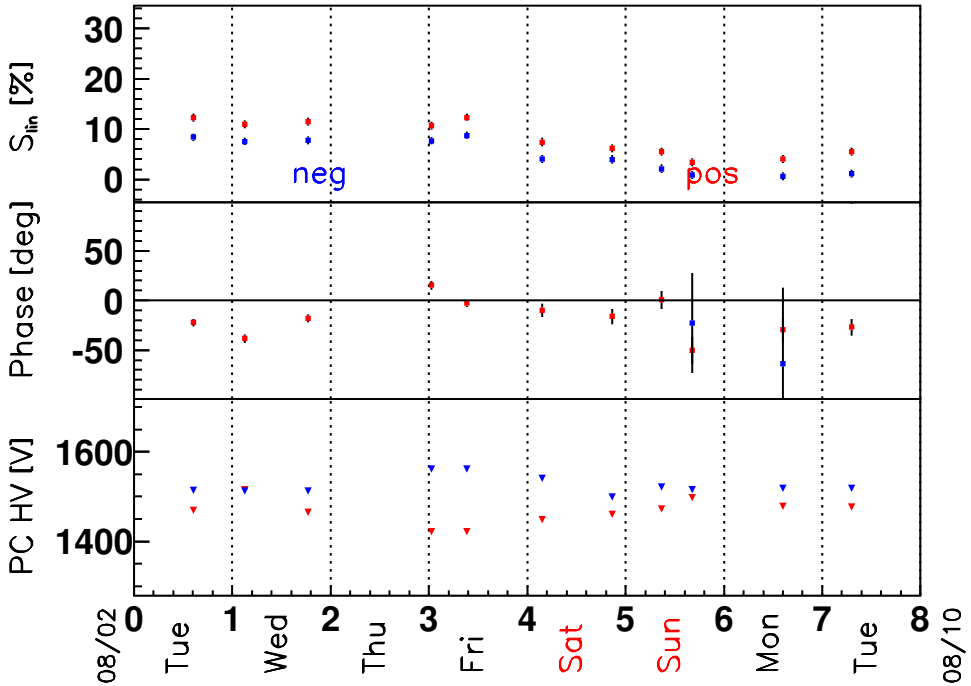

Transverse Polarimeter
P [%]
Rate [kHz]
Lumi [%]
Calibration
Calorimeter Channel
Up
Down
Left+Right
Days
08/02
08/10
Tue
Wed
Thu
Fri
Sat
Sun
Mon
Tue

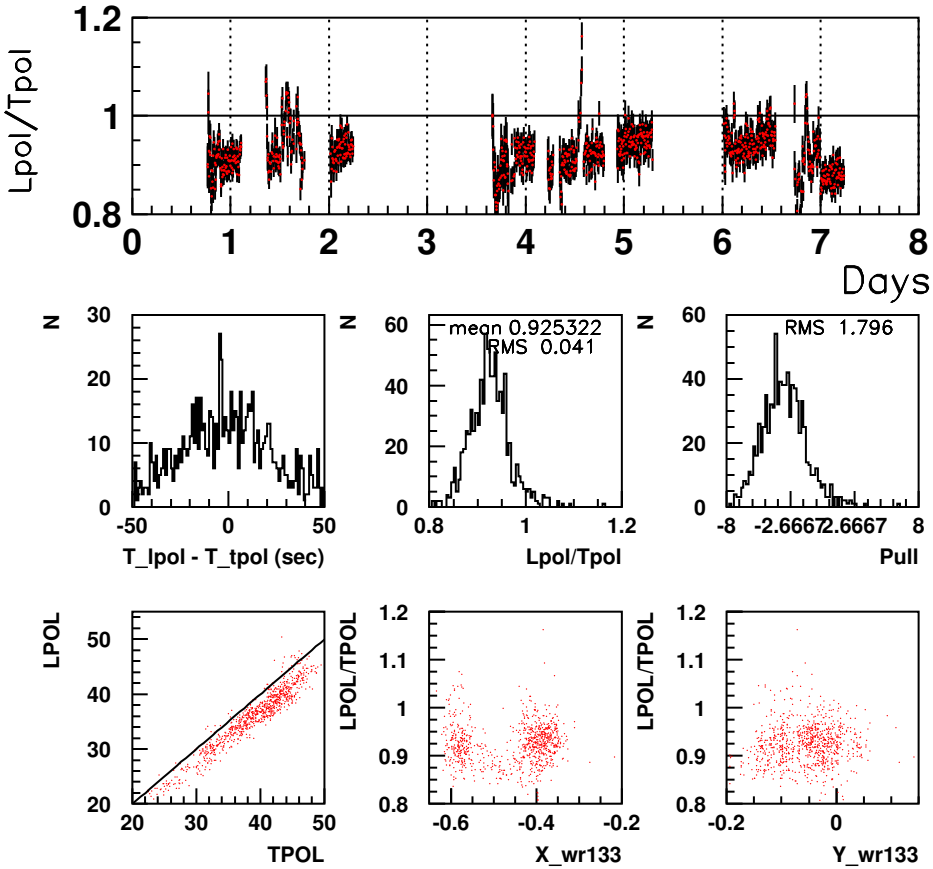

2005_08.02-08.10
ΔS1 [%]
Focus [mm]
Yoff [mm]
XYwr133[mm]
Colliding
Non−Colliding
Y Table [mm]
Slope [μrad]
Days
08/02
08/10
Tue
Wed
Thu
Fri
Sat
Sun
Mon
Tue

Linear Light 2005_08.02-08.10



HERA (min)	Tuning	Lumi Run (72.3%)	HV Off
	287.	7545.	264.
TPOL Down	46.	126.	88.
Efficiency	83.8%	98.3%	66.4%

LPOL/TPOL average 5 min 2005_08.02-08.10

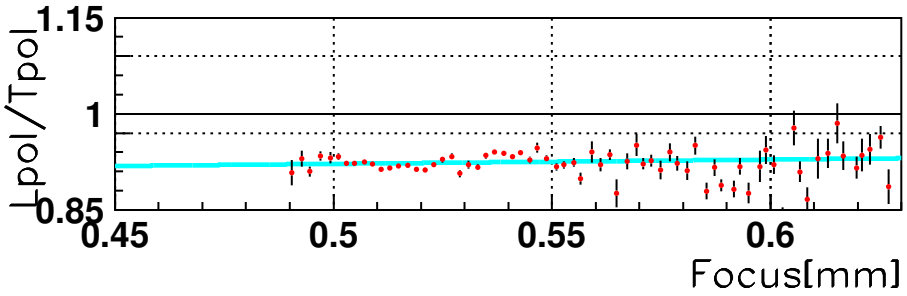


TPOL Focus 2005_08.02-08.10

10 min Average

Lpol/Tpol = (0.07±0.03)*Focus + (0.89±0.02)

$\chi^2/(470-2) = 5.77$ PROB = 0.0000000

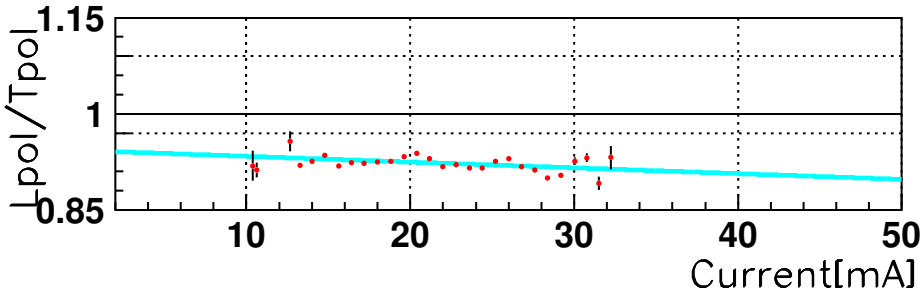


HERA Current 2005_08.02-08.10

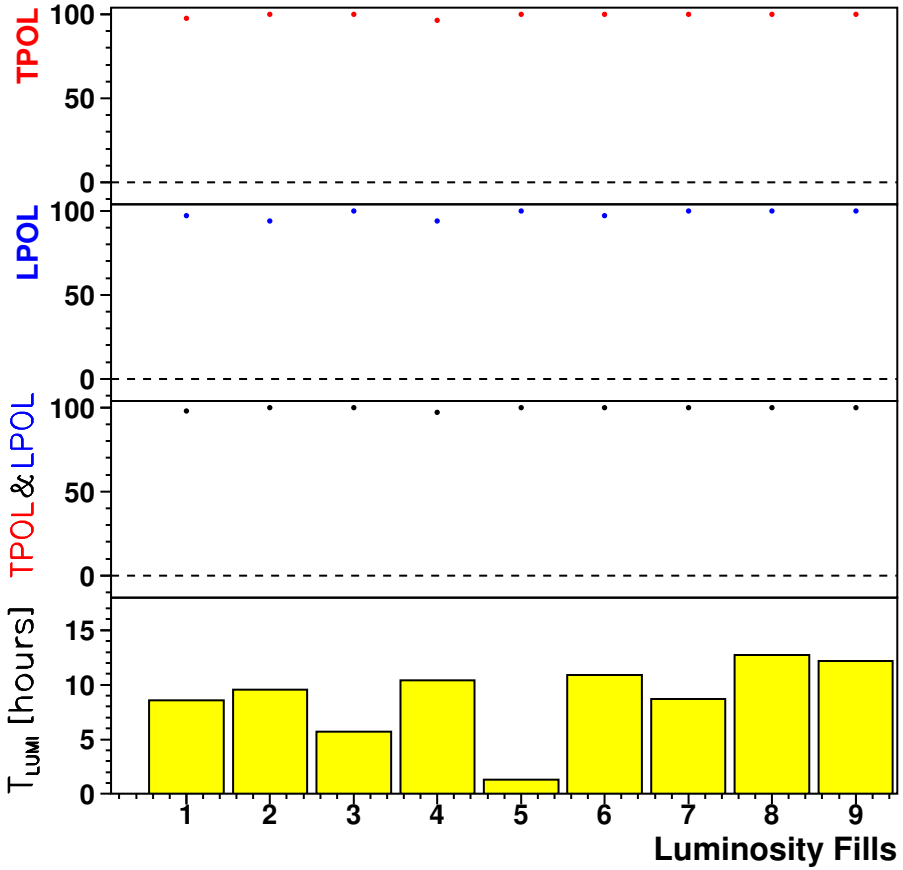
15 min Average

Lpol/Tpol = (−0.0009±0.0001)*Current + (0.94±0.00)

$\chi^2/(318-2) = 8.04$ PROB = 0.0000000



Polarimetry Efficiency 2005_08.02-08.10



% *Efficiency* TPOL = 99.31 LPOL = 97.81 BOTH = 99.38