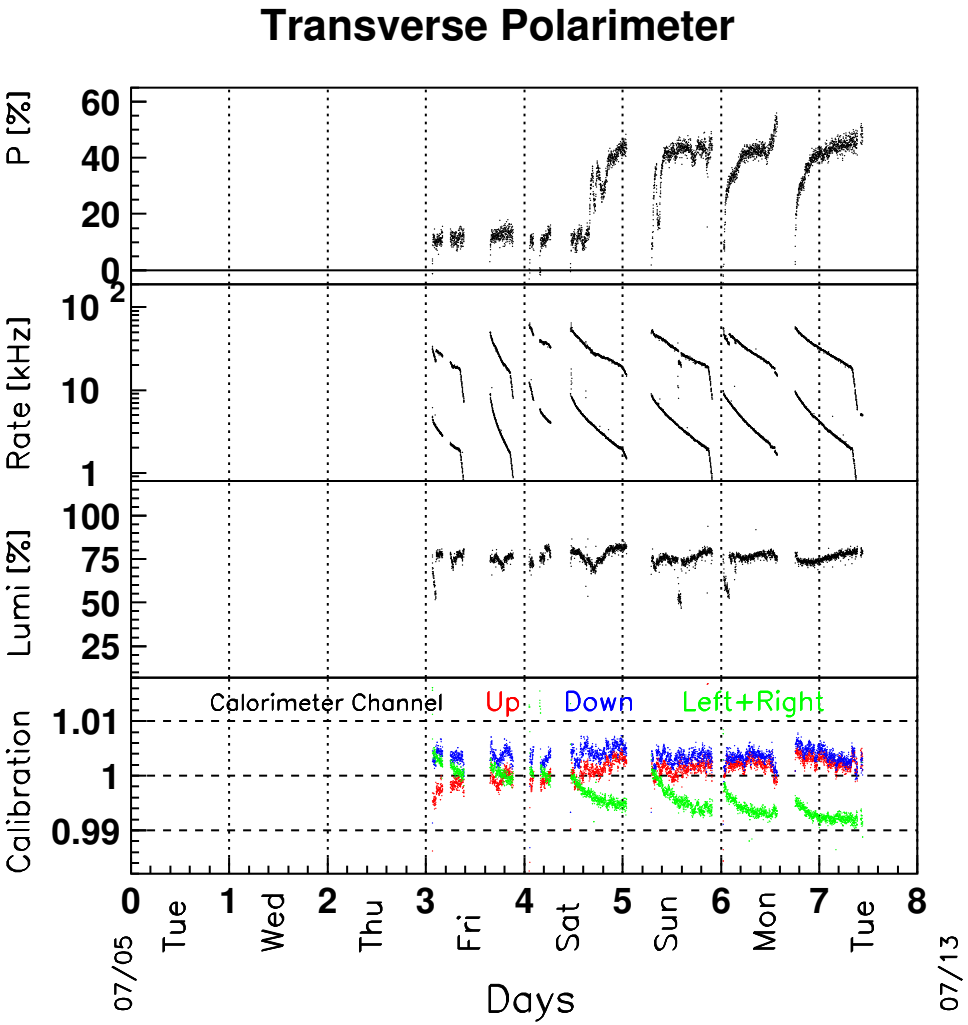
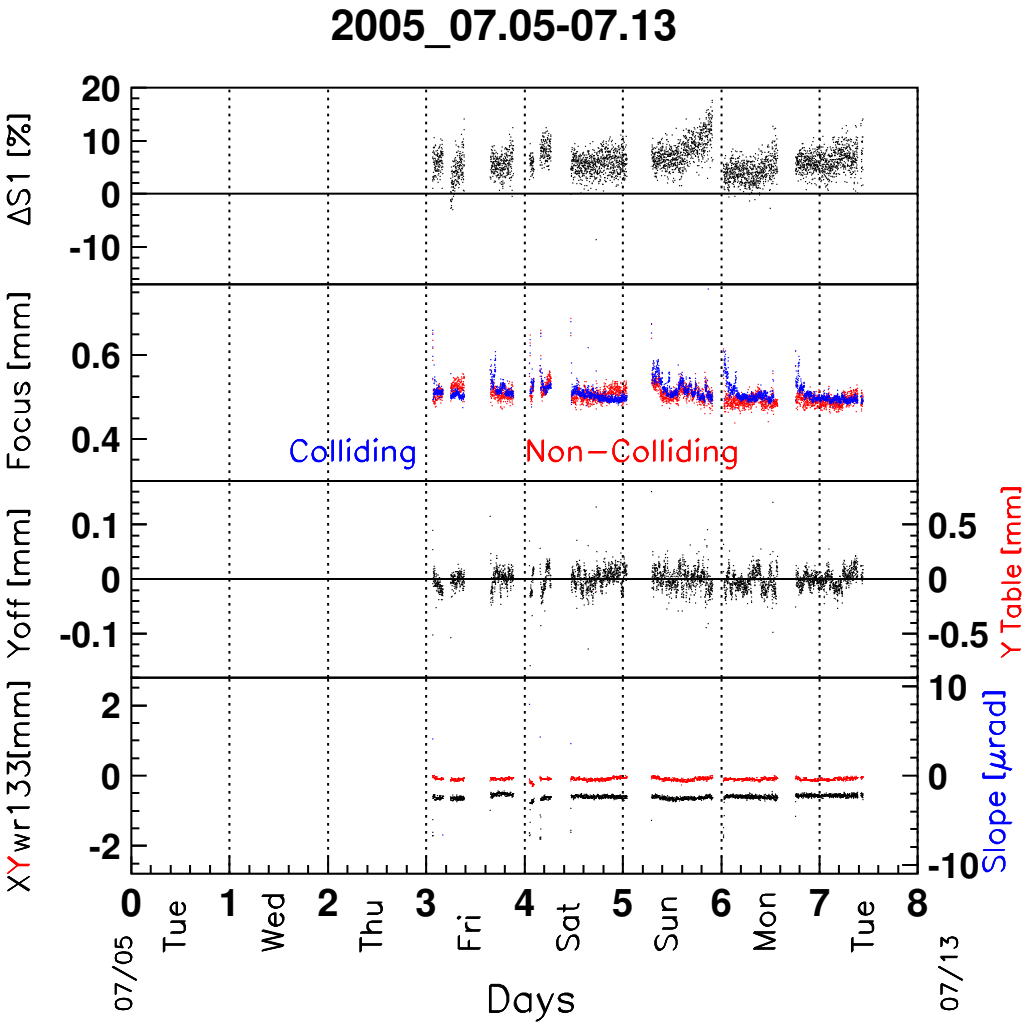
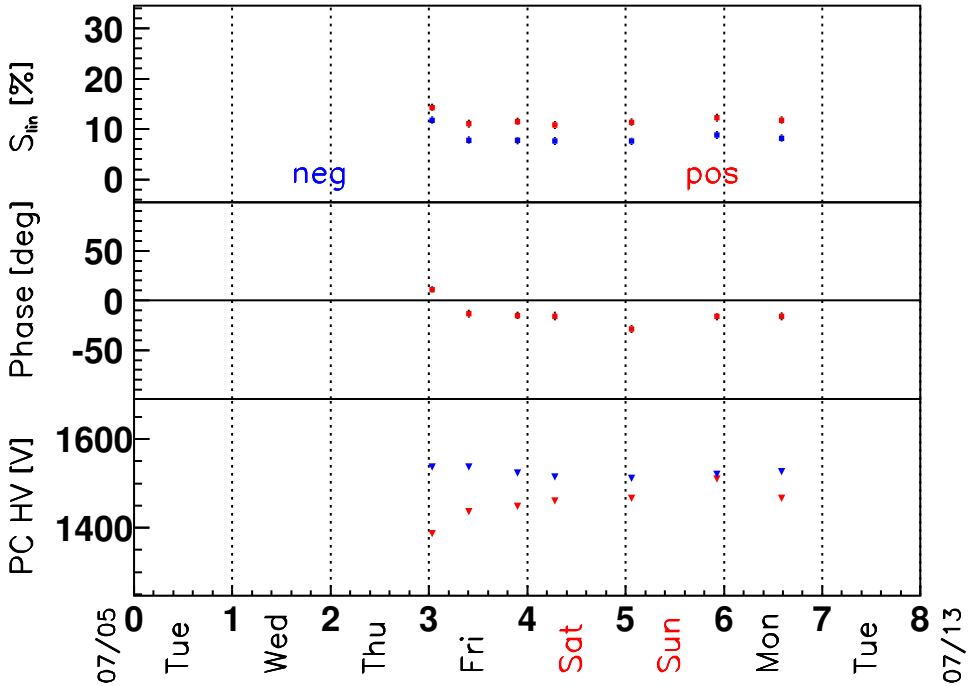

Transverse Polarimeter
P [%]
Rate [kHz]
Lumi [%]
Calibration
Calorimeter Channel
Up
Down
Left+Right
07/05
Tue
Wed
Thu
Fri
Sat
Sun
Mon
Tue
07/13
Days

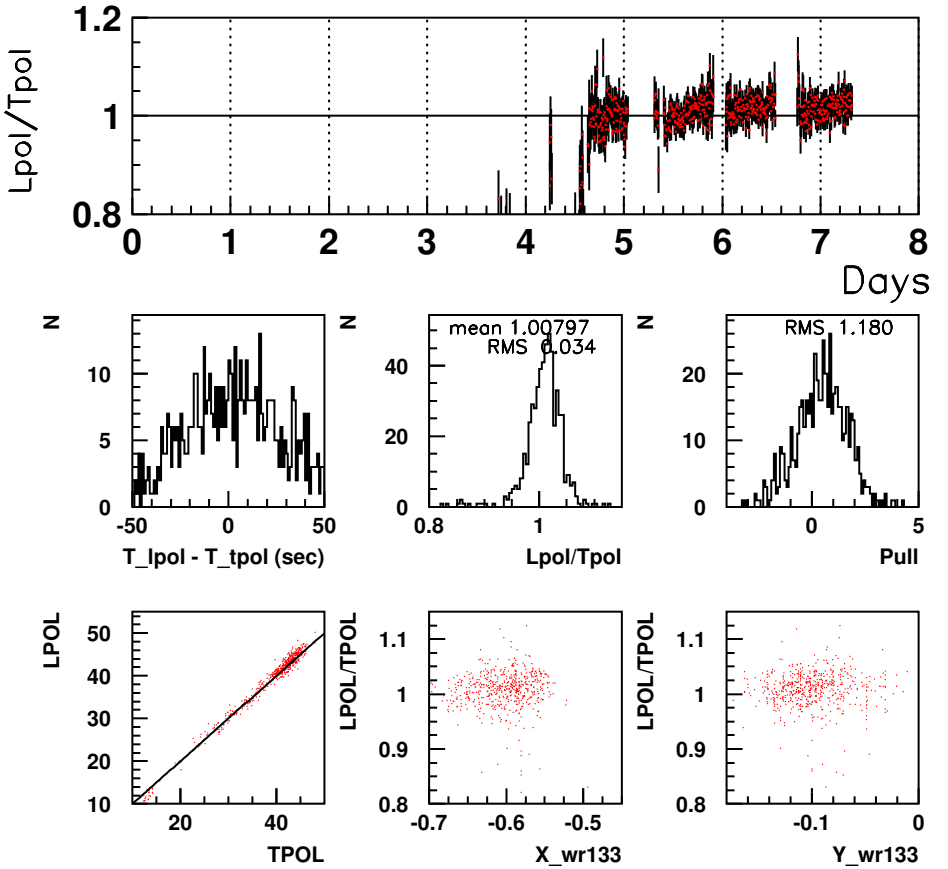

2005_07.05-07.13
ΔS1 [%]
Focus [mm]
Colliding
Non−Colliding
Yoff [mm]
XYwr133[mm]
Y Table [mm]
Slope [μrad]
07/05
Tue
Wed
Thu
Fri
Sat
Sun
Mon
Tue
07/13
Days

Linear Light 2005_07.05-07.13



HERA (min)	Tuning	Lumi Run (79.5%)	HV Off
	258.	5021.	68.
TPOL Down	29.	124.	59.
Efficiency	88.6%	97.5%	13.1%

LPOL/TPOL average 5 min 2005_07.05-07.13

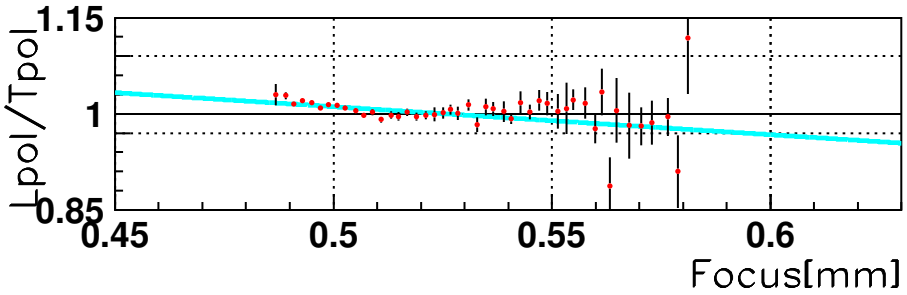


TPOL Focus 2005_07.05-07.13

10 min Average

Lpol/Tpol = (−0.44±0.07)∗Focus + (1.23±0.03)

$\chi^2/(359-2) = 2.22$ PROB = 0.0000000

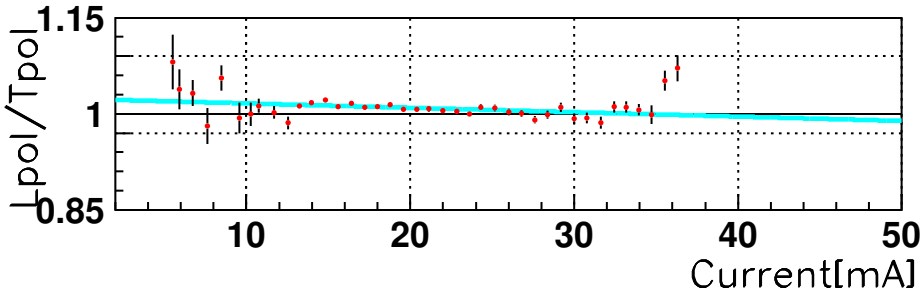


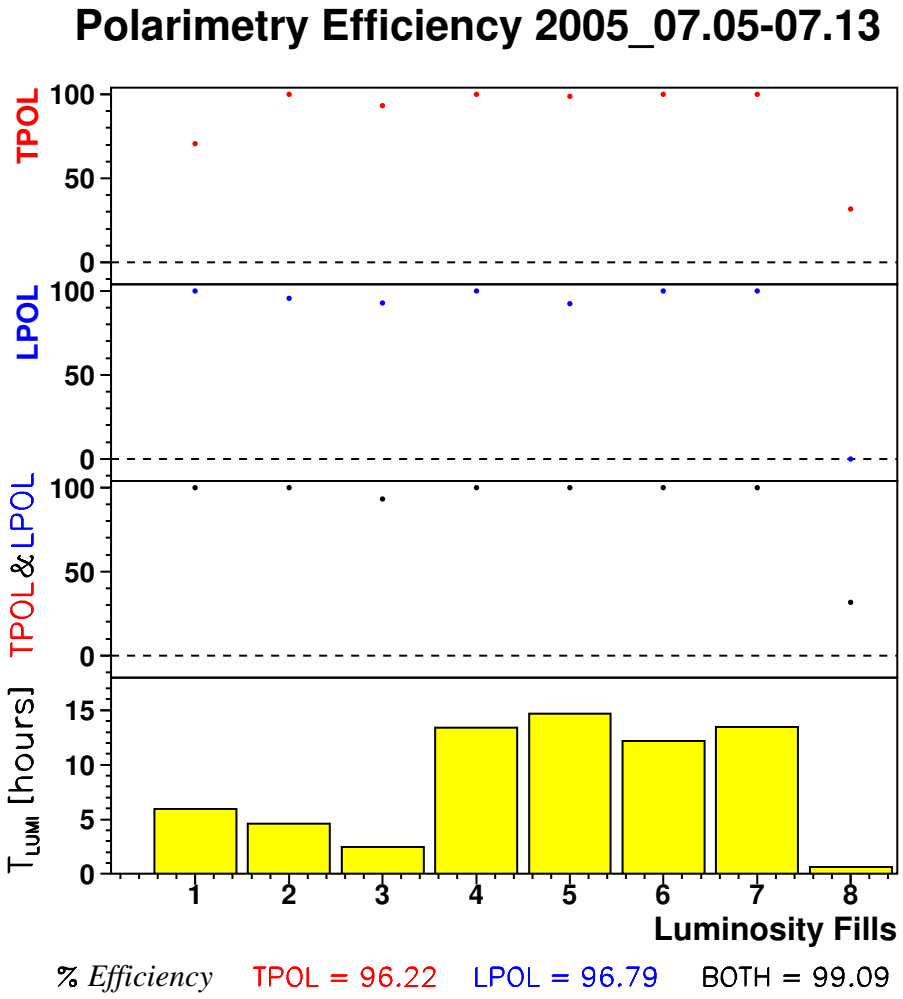
HERA Current 2005_07.05-07.13

15 min Average

Lpol/Tpol = (−0.0007±0.0002)∗Current + (1.02±0.00)

$\chi^2/(241-2) = 3.02$ PROB = 0.0000000




Polarimetry Efficiency 2005_07.05-07.13
TPOL
LPOL
TPOL&LPOL
100
50
0
15
10
5
1
2
3
4
5
6
7
8
T_LUMI [hours]
Luminosity Fills
% Efficiency
TPOL = 96.22
LPOL = 96.79
BOTH = 99.09