ThAr lines, V1200, binning 2x2, GROT=−44, exposure time 1000 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
8800
8900
9000
9100
9200
9300
9400
Wavelength in Angstrom
9354.22
9291.51
9224.50
9194.63
9122.97

ThAr lines, V1200, binning 2x2, GROT=−46, exposure time 1000 s
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
ADU
8667.94
8521.44
8424.65
8408.21
8300
8400
8500
8600
8700
8800
8900
9000
Wavelength in Angstrom

ThAr lines, V1200, binning 2x2, GROT=−48, exposure time 1000 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
7900
8000
8100
8200
8300
8400
8500
Wavelength in Angstrom
8424.65
8408.21
8264.53
8115.31
8103.69
8014.78
8006.16
7948.18

ThAr lines, V1200, binning 2x2, GROT=−50, exposure time 500 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
7400
7500
7600
7700
7800
7900
8000
8100
Wavelength in Angstrom
7503.87
7514.65
7635.10
7723.95
7948.18
8006.16
8014.78

ThAr lines, V1200, binning 2x2, GROT=−52, exposure time 500 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
6900
7000
7100
7200
7300
7400
7500
7600
Wavelength in Angstrom
7514.65
7503.87
7383.99
7372.11
7272.95
7147.07
7067.22

ThAr lines, V1200, binning 2x2, GROT=−54, exposure time 500 s
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
ADU
6400
6600
6800
7000
7200
Wavelength in Angstrom
7067.22
6989.65
6965.44

ThAr lines, V1200, binning 2x2, GROT=−55.999, exposure time 500 s
ADU
4×10^4
3×10^4
2×10^4
1×10^4
0
−1×10^4
6000
6200
6400
6600
Wavelength in Angstrom
5974.44
5994.09
6032.13
6043.29
6078.23
6114.88
6171.48
6182.59
6203.59
6224.69
6243.00
6261.33
6327.09
6342.87
6416.15
6457.28
6531.37
6583.96

ThAr lines, V1200, binning 2x2, GROT=−57.998, exposure time 500 s
ADU
4×10^4
3×10^4
2×10^4
1×10^4
0
−1×10^4
5400
5600
5800
6000
6200
Wavelength in Angstrom
5452.03
5495.89
5539.35
5558.26
5572.82
5579.35
5587.19
5606.52
5720.09
5760.60
5804.11
5912.52
5926.05
5974.44
5994.09
6032.13
6043.29
6114.88

ThAr lines, V1200, binning 2x2, GROT=−59.999, exposure time 1000 s
ADU
4×10^4
3×10^4
2×10^4
1×10^4
0
−1×10^4
5000
5200
5400
5600
Wavelength in Angstrom
4933.32
4965.08
5009.42
5017.22
5062.32
5141.96
5151.88
5162.64
5176.82
5231.19
5312.28
5343.61
5452.03
5495.89
5558.26
5572.82
5587.19
5606.52

ThAr lines, V1200, binning 2x2, GROT=−62, exposure time 1000 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
4400
4600
4800
5000
5200
Wavelength in Angstrom
4425.98
4430.43
4474.77
4493.30
4510.79
4545.12
4579.37
4609.55
4657.91
4703.97
4735.91
4764.89
4806.10
4848.02
4865.45
4879.78
4965.08
5017.22
5062.32
5141.96
4481.90
4589.78
4726.89

ThAr lines, V1200, binning 2x2, GROT=−63.998, exposure time 500 s
ADU
Wavelength in Angstrom
3925.33
3933.45
3946.54
3929.34
3994.70
4012.63
4043.23
4052.93
4072.05
4103.94
4112.70
4131.74
4158.51
4190.88
4200.51
4210.65
4227.04
4236.68
4250.39
4259.14
4266.37
4272.37
4277.51
4300.08
4309.04
4348.06
4370.88
4374.38
4379.61
4400.93
4425.98
4430.43
4474.77
4481.90
4493.30
4510.79
4545.12
4579.37
4589.78
4609.55

ThAr lines, V1200, binning 2x2, GROT=−63.998, part 1, exposure time 500 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
3900
4000
4100
4200
Wavelength in Angstrom
3925.33
3929.34
3933.45
3946.54
3994.70
4012.63
4043.23
4052.93
4072.05
4103.94
4112.70
4131.74
4158.51
4190.88
4200.51
4210.65
4227.04
4236.68

ThAr lines, V1200, binning 2x2, GROT=−63.998, part 2, exposure time 500 s
ADU
8×10^4
6×10^4
4×10^4
2×10^4
0
−2×10^4
4300
4400
4500
4600
Wavelength in Angstrom
4250.39
4259.14
4266.37
4272.37
4277.51
4300.08
4309.04
4348.06
4370.88
4374.38
4379.61
4400.93
4425.98
4430.43
4474.77
4481.90
4493.30
4510.79
4545.12
4579.37
4589.78
4609.55

ThAr lines, V1200, binning 2x2, GROT=−66, exposure time 500 s
ADU
Wavelength in Angstrom
3400
3600
3800
4000
4×10^4
3×10^4
2×10^4
1×10^4
0
−1×10^4
3397.70
3461.18
3491.36
3514.38
3545.73
3560.11
3576.46
3588.89
3567.33
3582.25
3719.64
3737.83
3771.09
3728.45
3765.53
3803.08
3828.49
3839.61
3850.79
3874.07
3925.33
3933.45
4019.18
4043.23
3929.34
3968.11
3994.70
4012.63
4035.83
4052.93
4072.05
4103.94
4112.70

ThAr lines, V1200, binning 2x2, GROT=−66, part 1, exposure time 500 s
ADU
10000
5000
0
−5000
3400
3500
3600
3700
3800
Wavelength in Angstrom
3765.53
3737.83
3728.45
3719.64
3588.89
3582.25
3576.46
3567.33
3560.11
3545.73
3514.38
3491.36
3461.18
3397.70

ThAr lines, V1200, binning 2x2, GROT=−66, part 2, exposure time 500 s
ADU
4×10^4
3×10^4
2×10^4
1×10^4
0
−1×10^4
3771.09
3803.08
3828.49
3839.61
3850.79
3874.07
3925.33
3929.34
3933.45
3968.11
3994.70
4012.63
4019.18
4035.83
4043.23
4052.93
4072.05
4103.94
4112.70
3800
3900
4000
4100
Wavelength in Angstrom