Active regions AR11161 and AR11162 Min: 6.01, mean: 6.22, max: 6.57 6.60 500 6.54 450 6.48 400 6.42 Y-position [arcsec] 6.36 6.30 6.24 6.18 200 6.12 150 6.06 6.00 100 -150 -100 -50 150 100 200 X-position [arcsec]