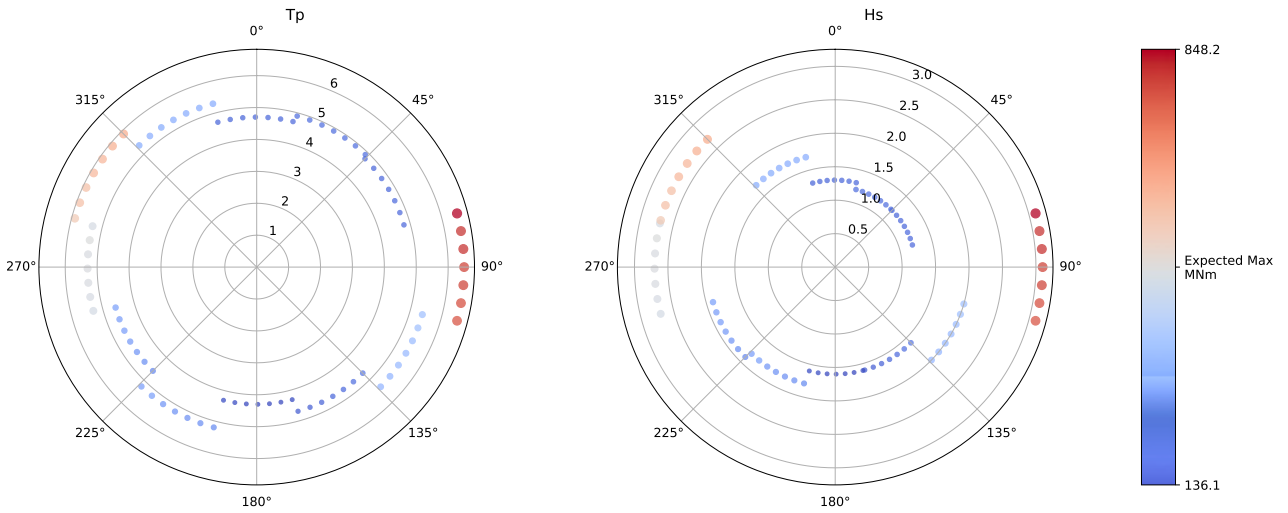
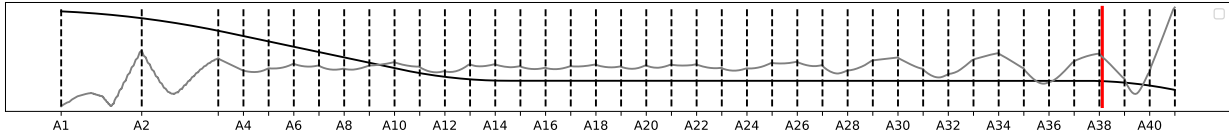
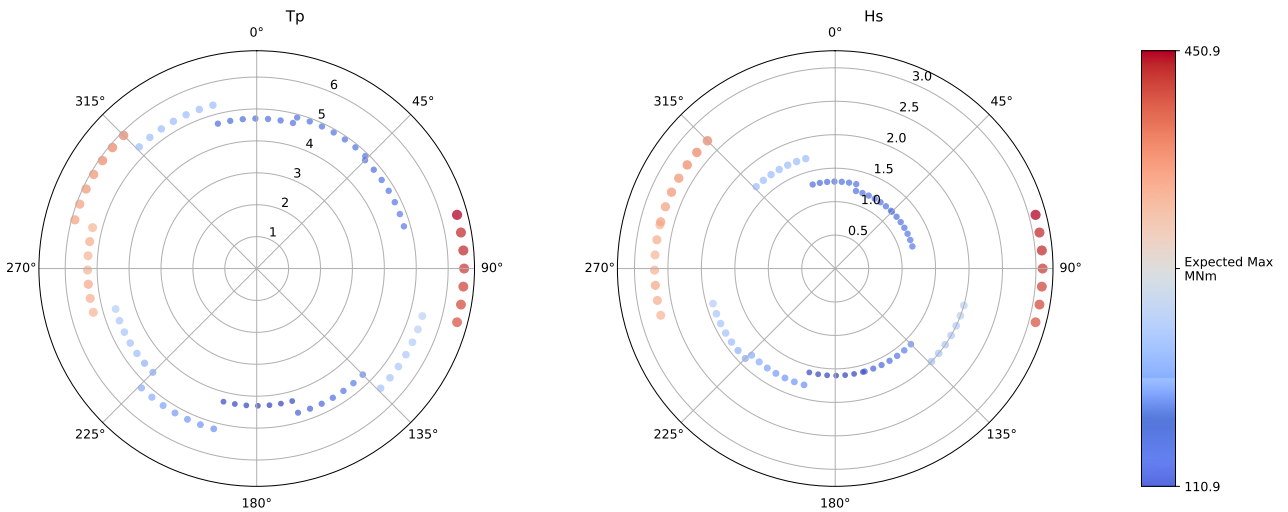
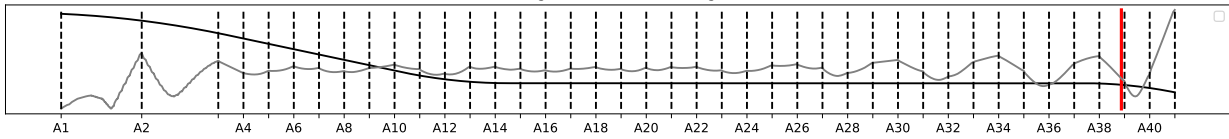


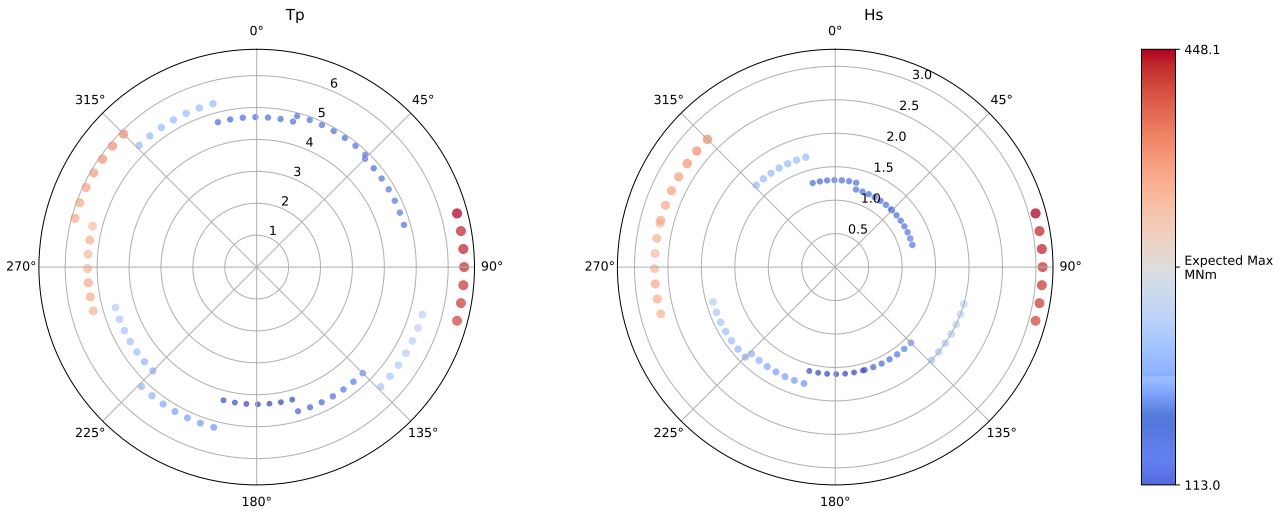
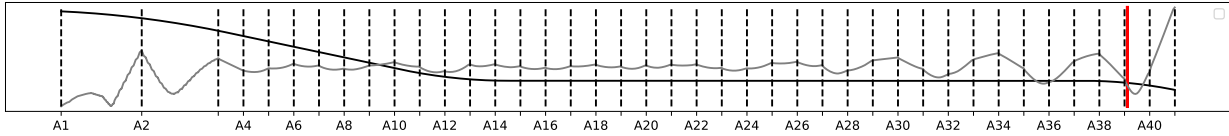
Bending moment about strong axis



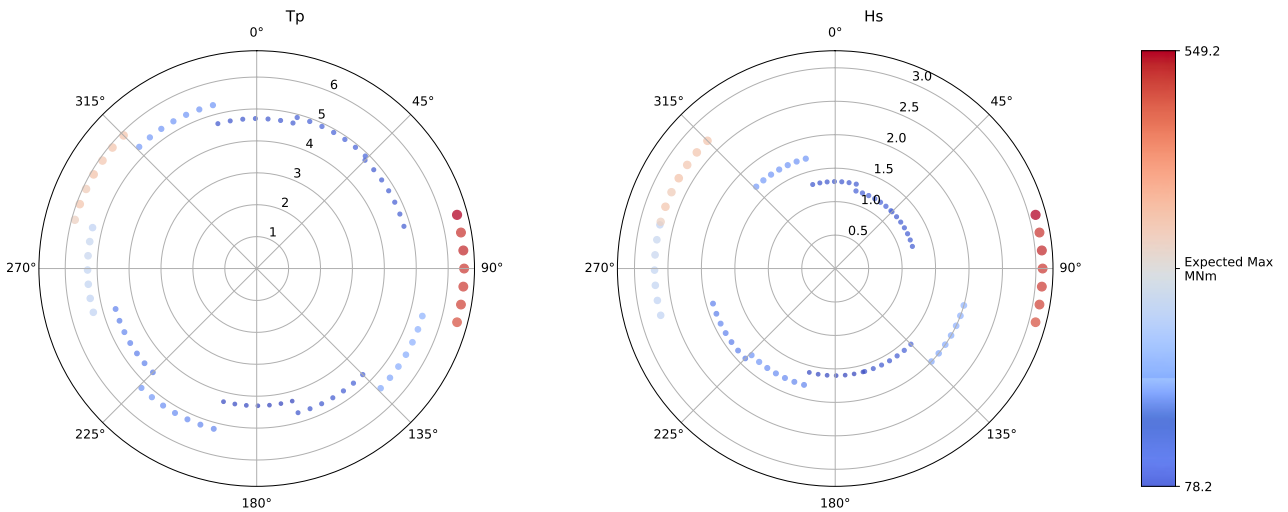
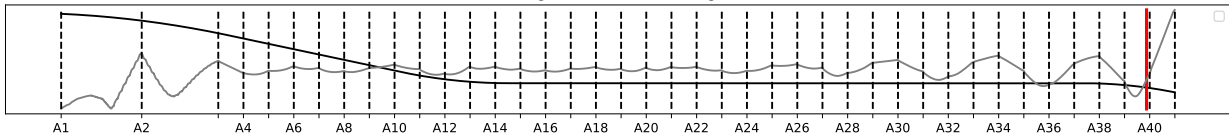
Bending moment about strong axis



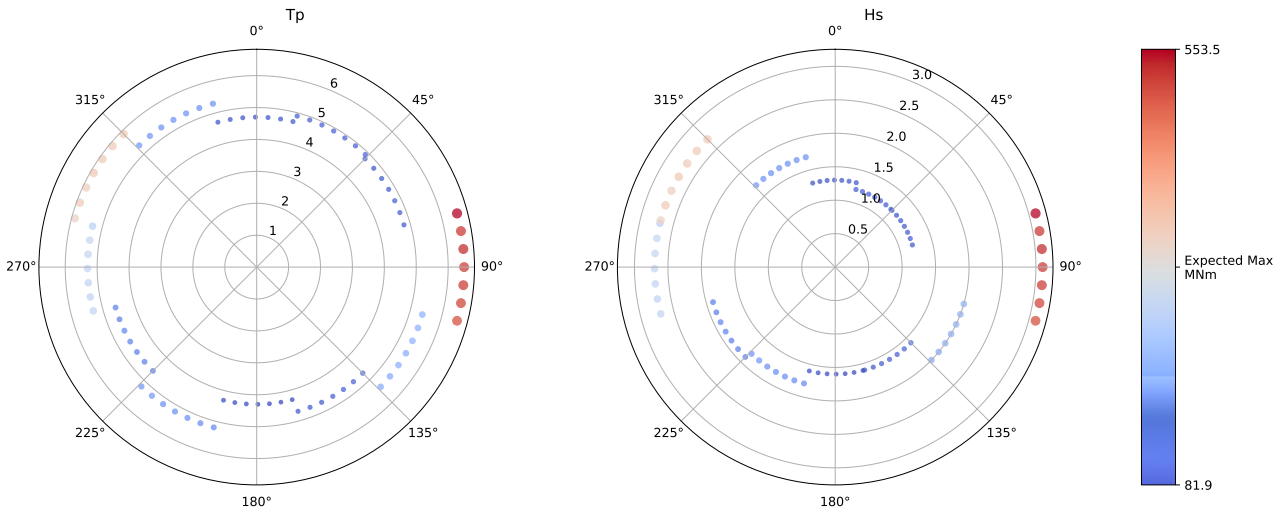
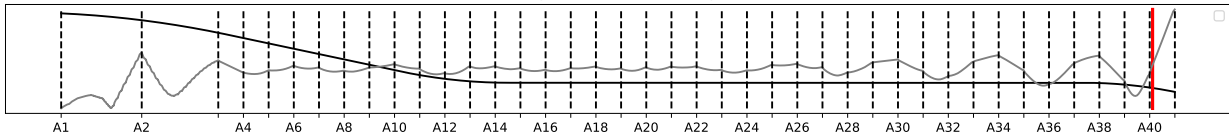
Bending moment about strong axis



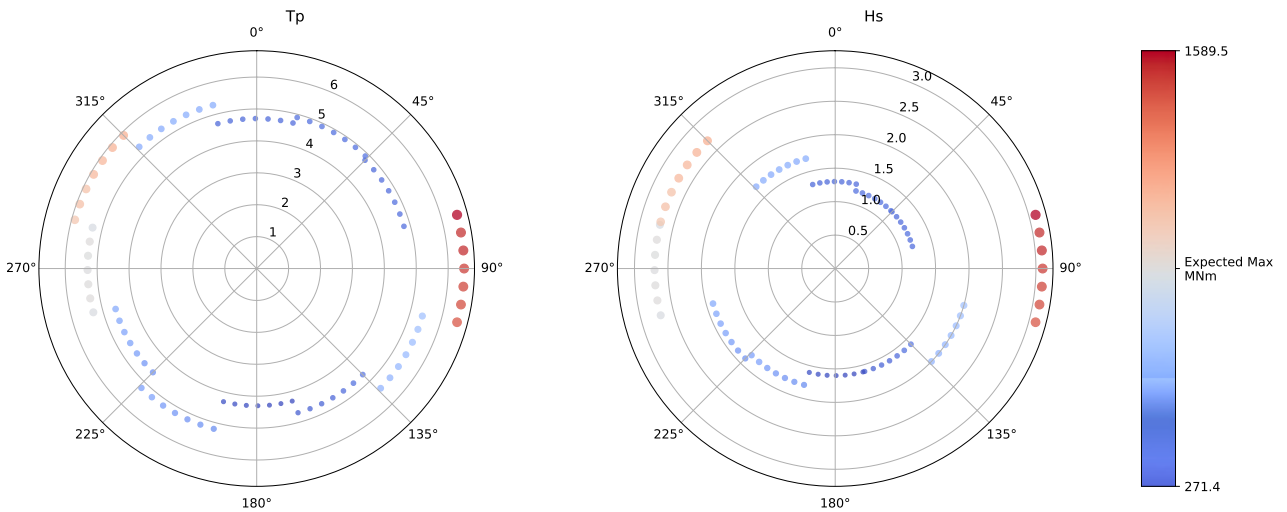
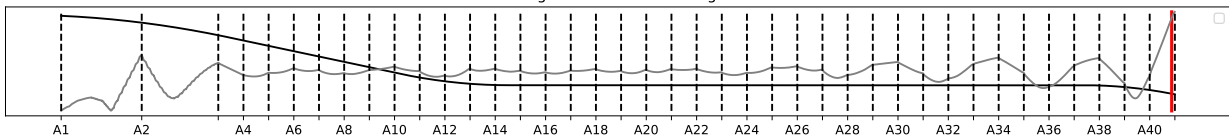
Bending moment about strong axis



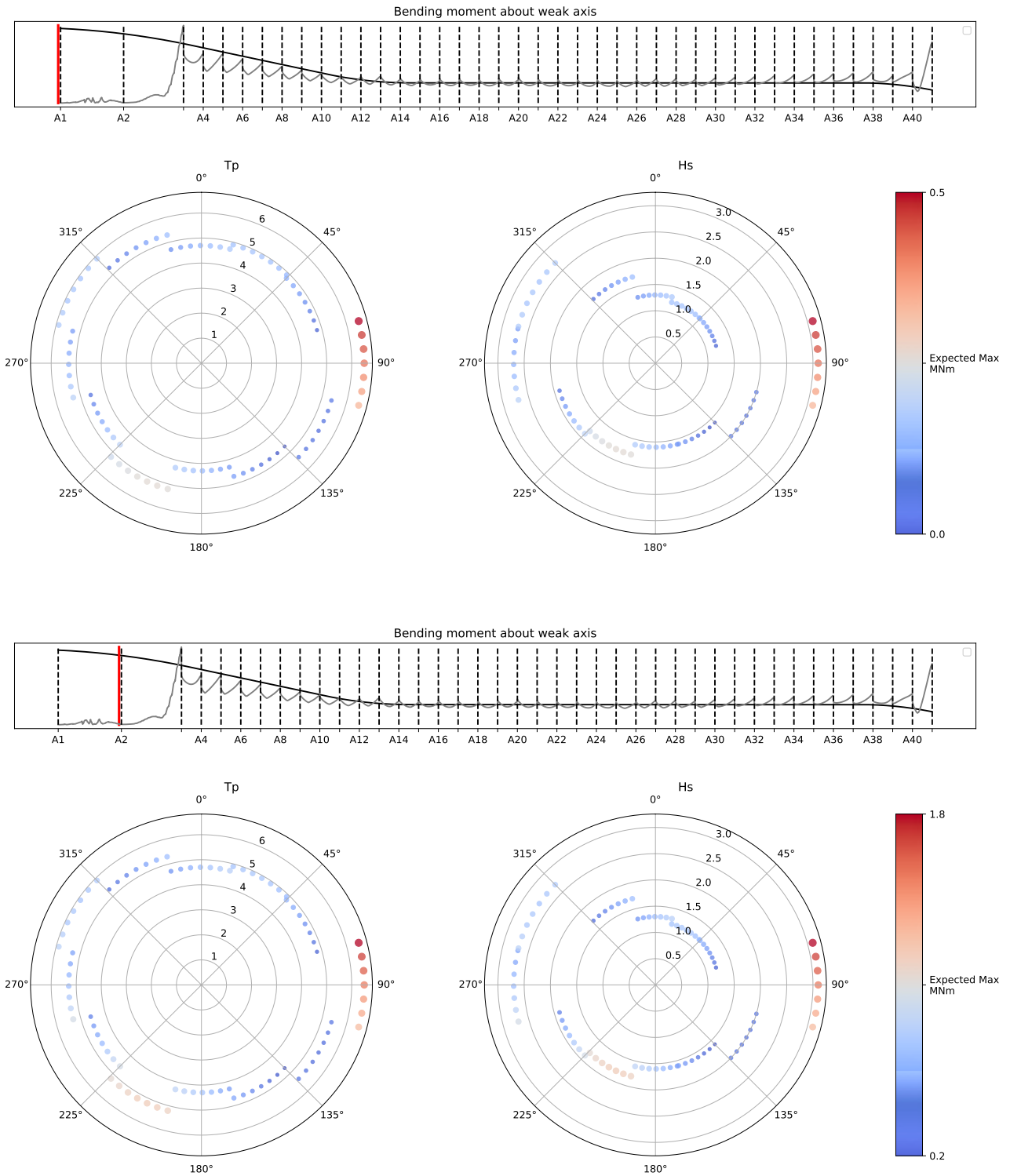
Bending moment about strong axis



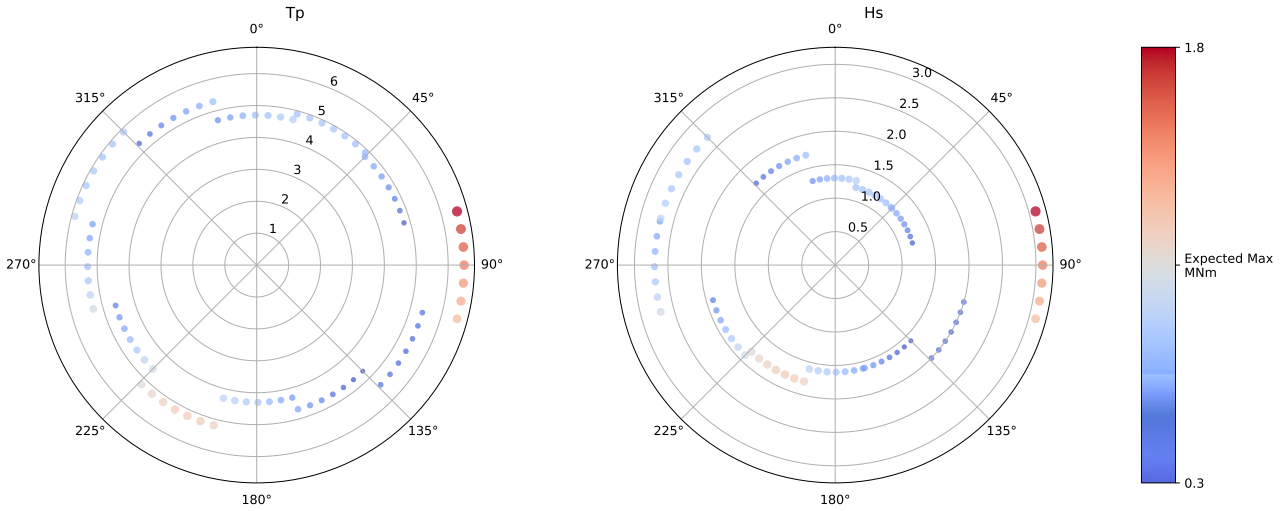
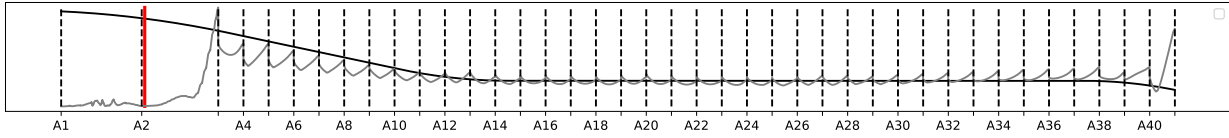
Bending moment about strong axis



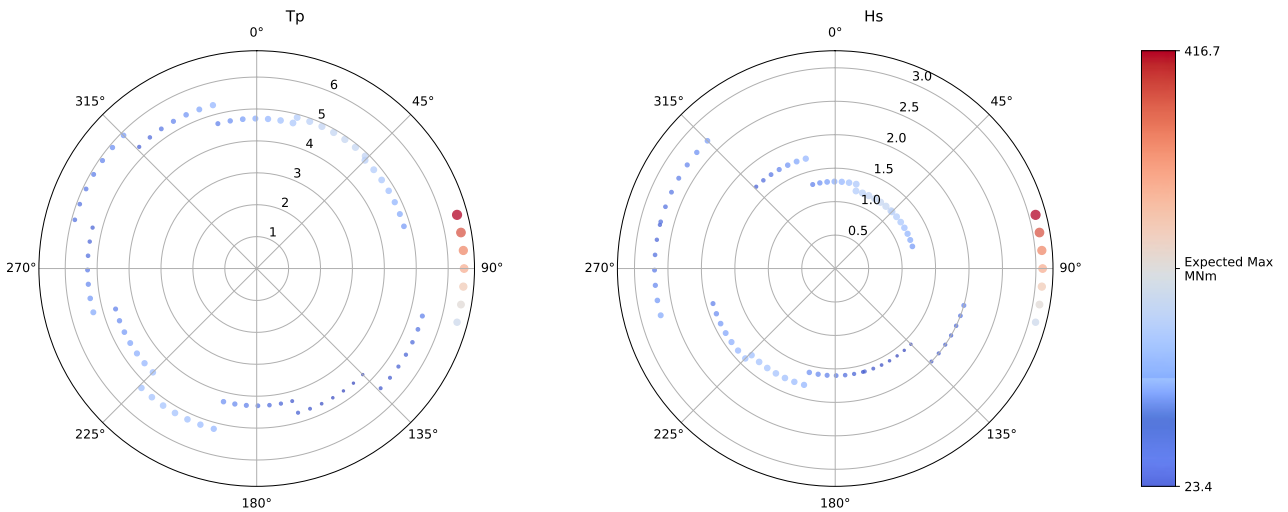
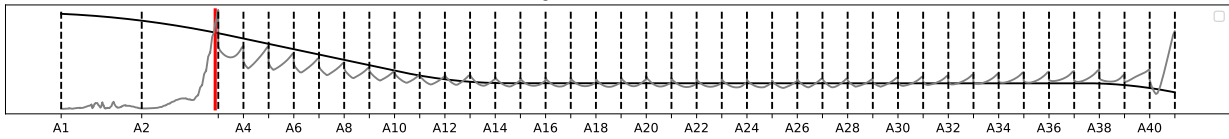
3 Bridge girder Bending moment about weak axis

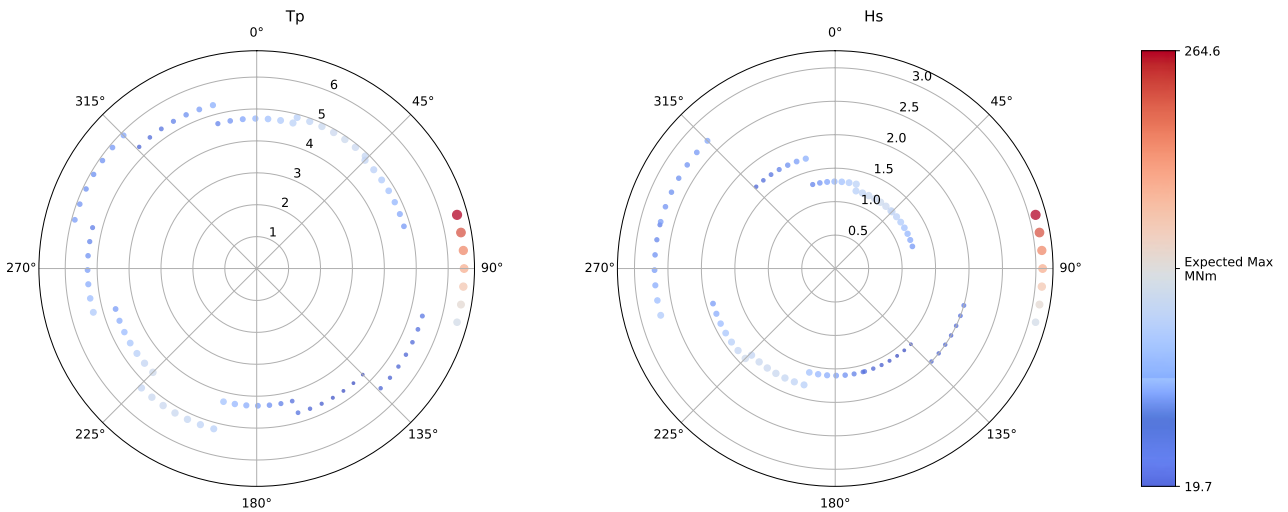
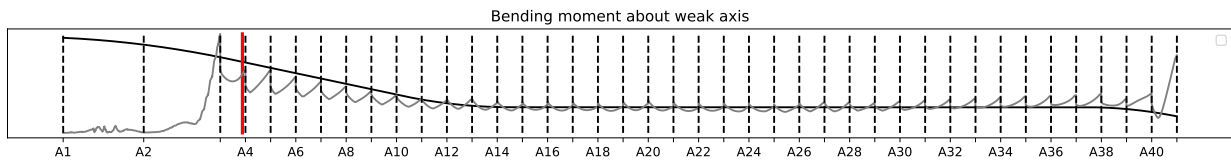
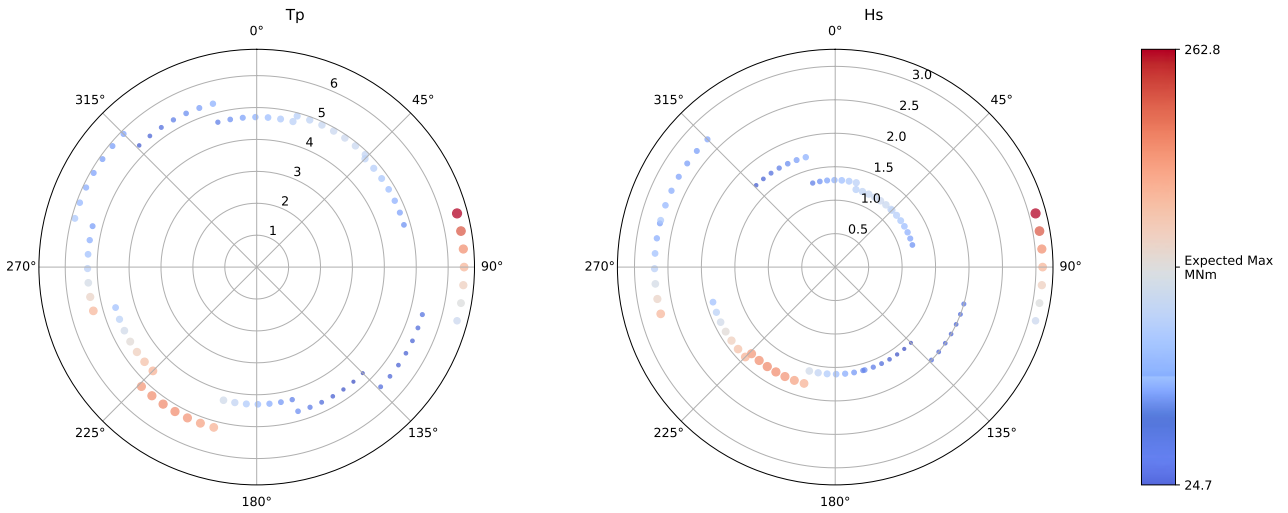
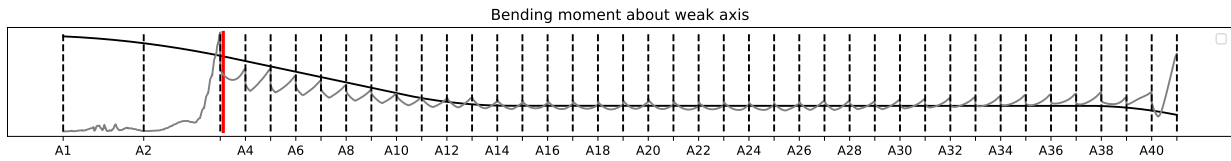


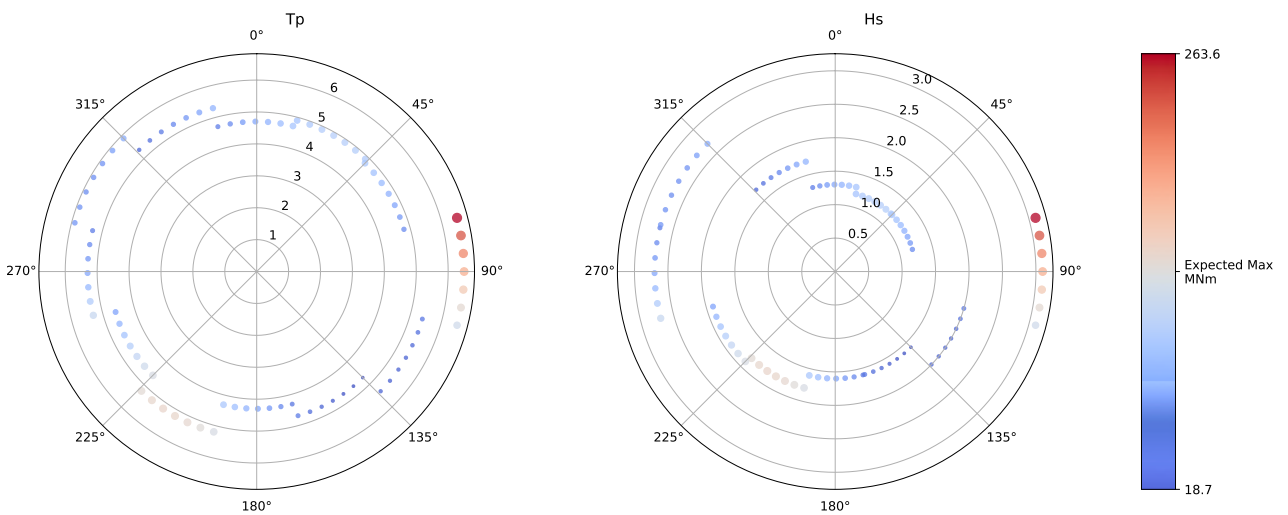
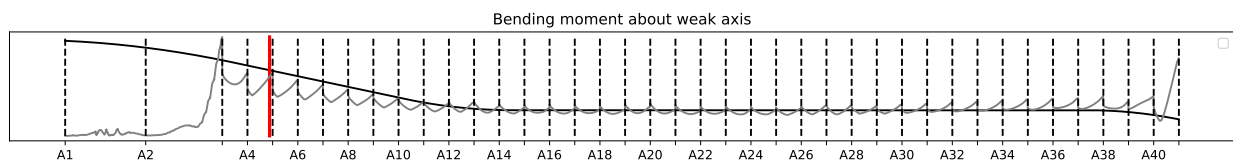
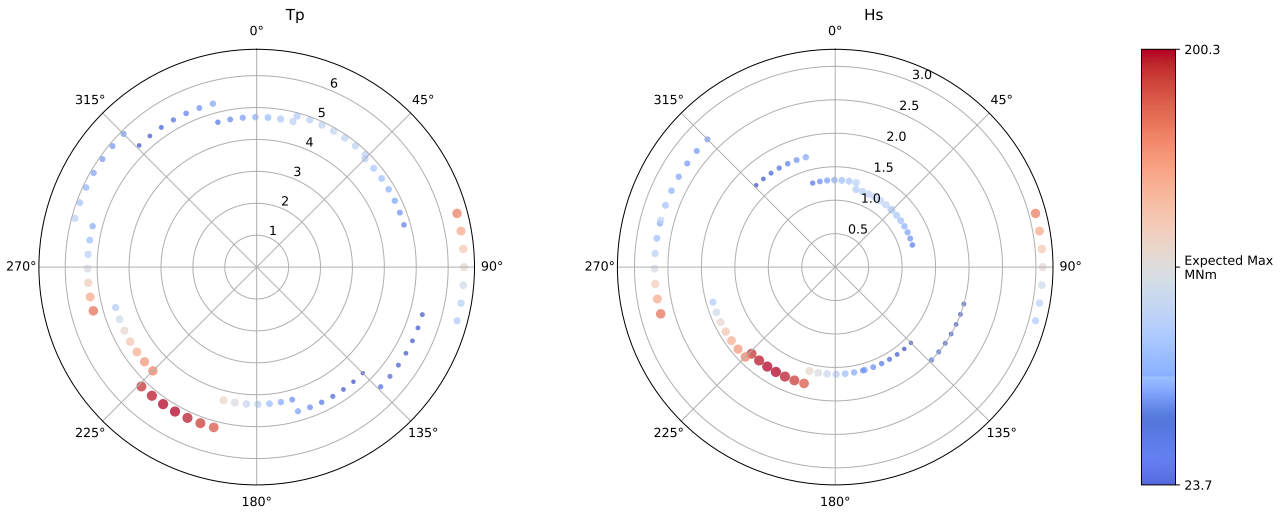
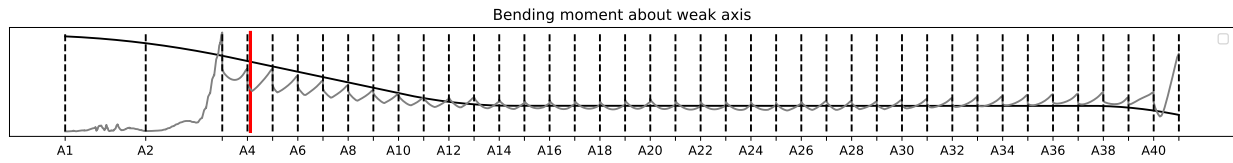
Bending moment about weak axis



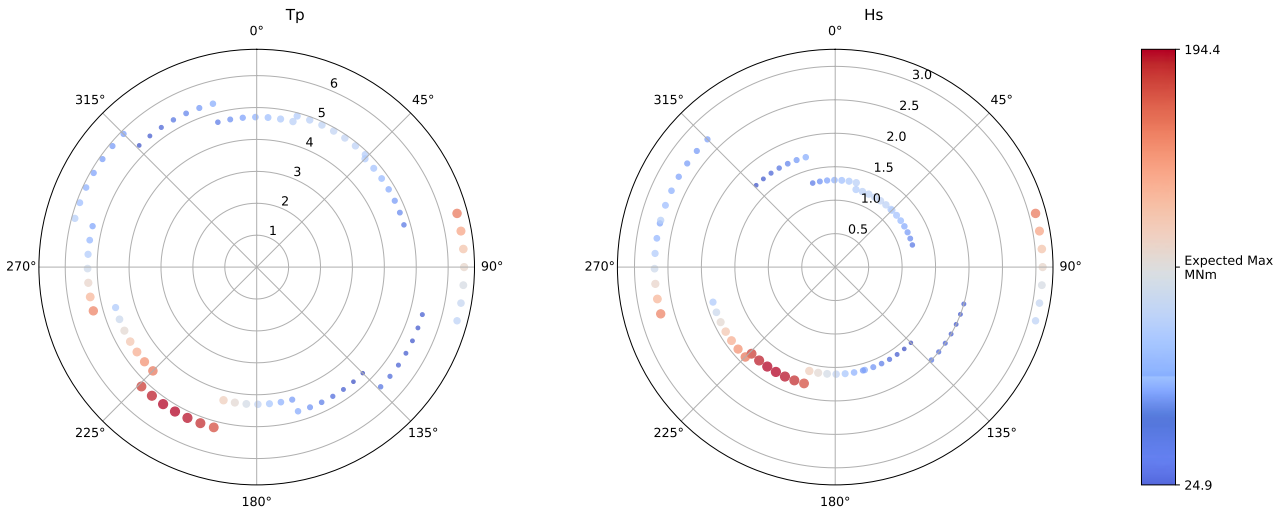
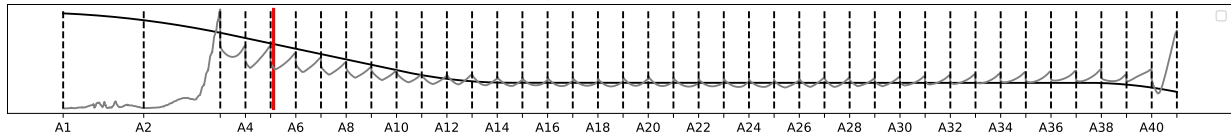
Bending moment about weak axis



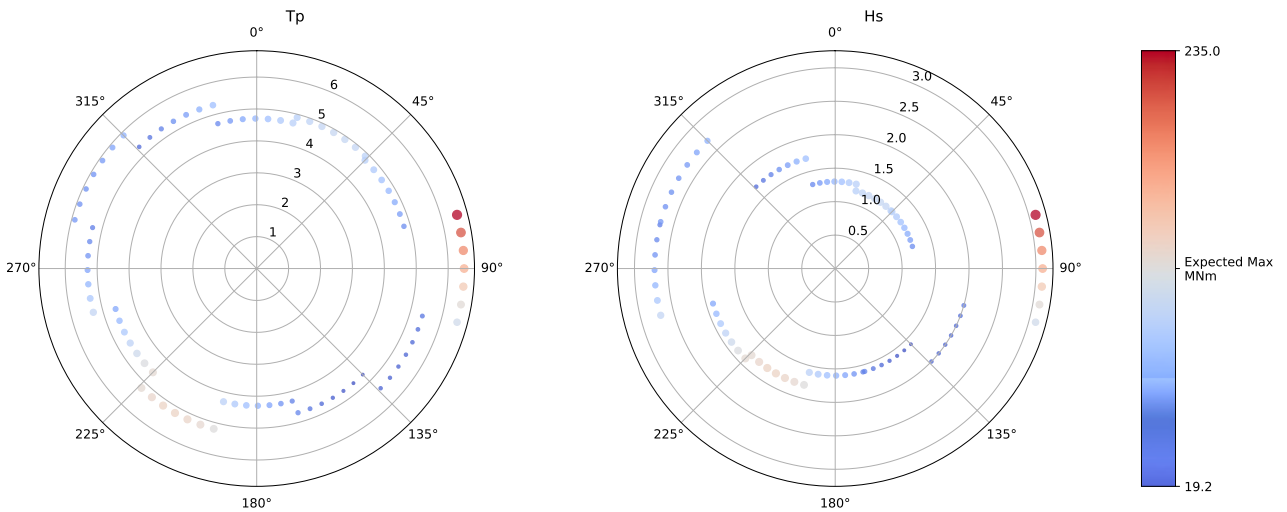
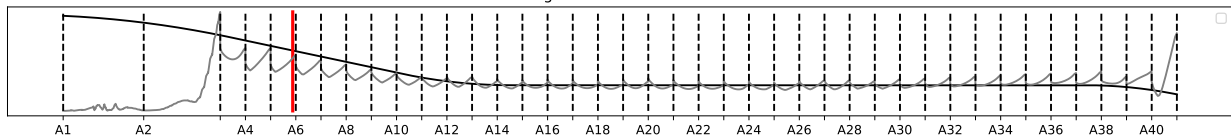


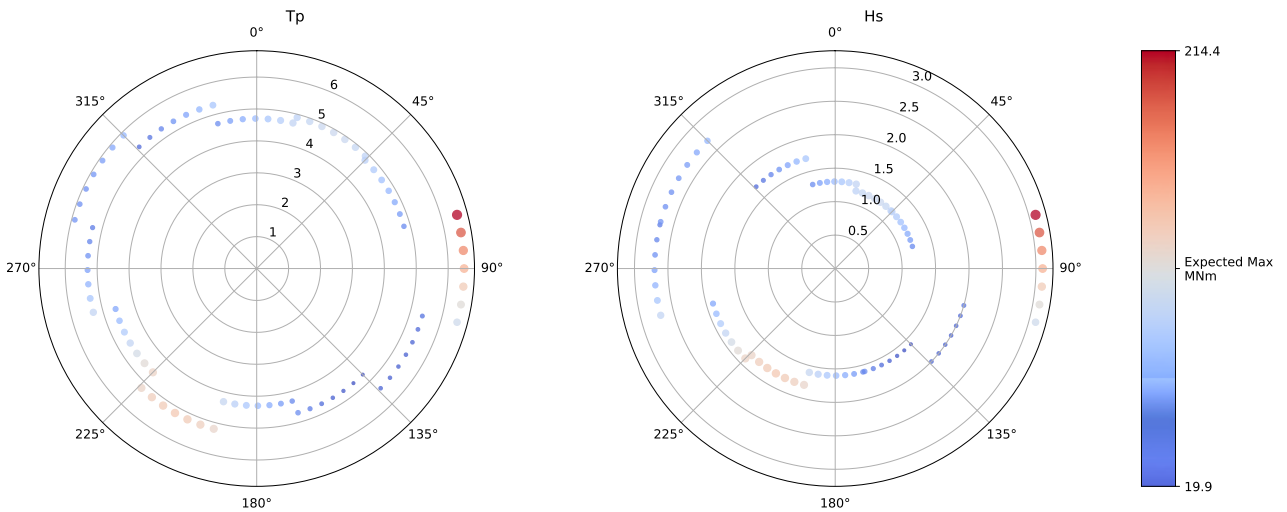
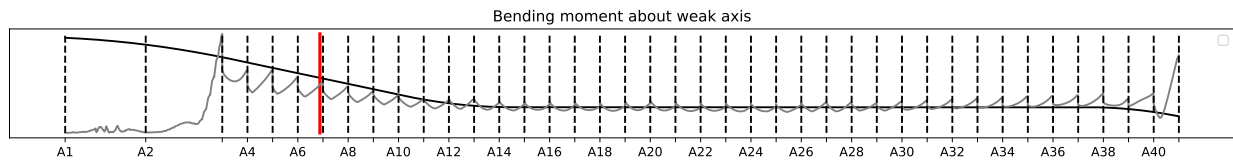
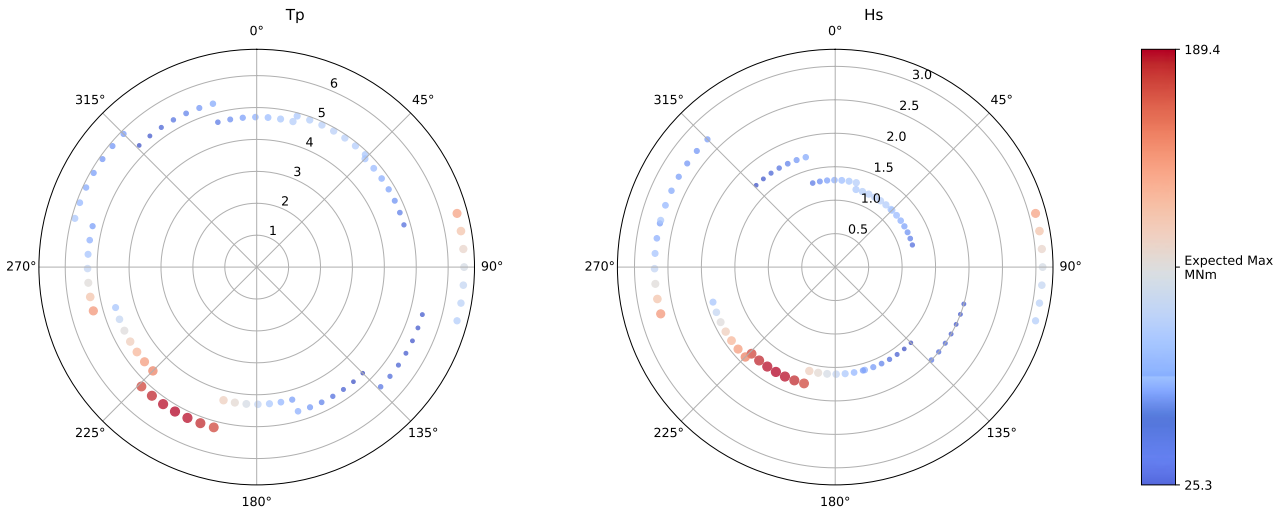
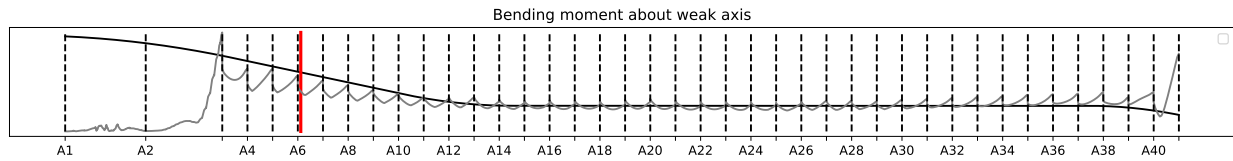


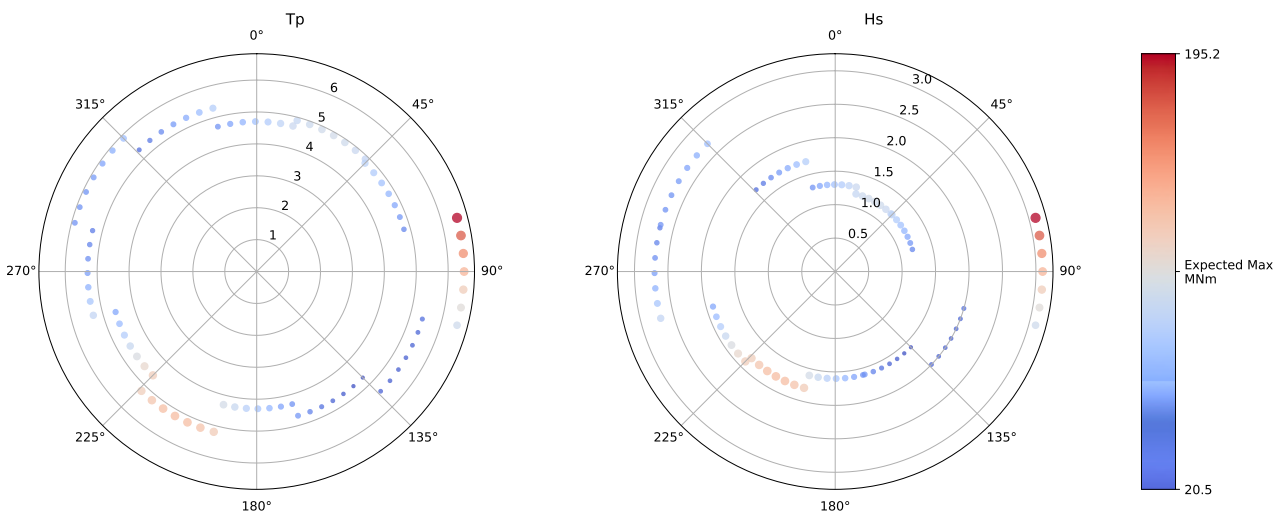
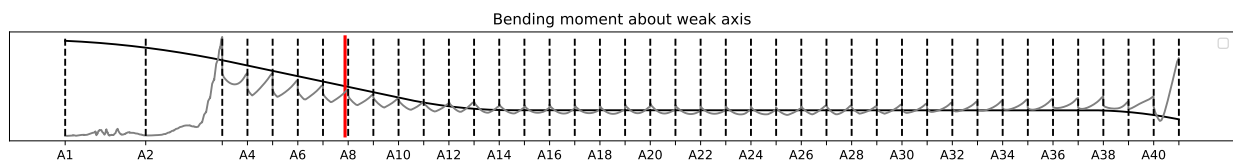
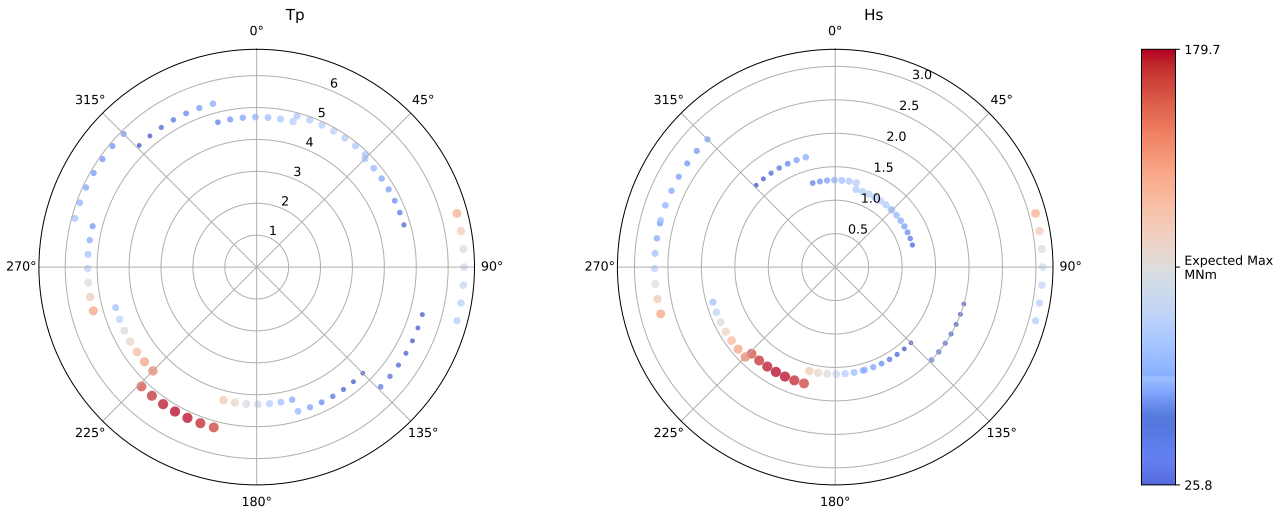
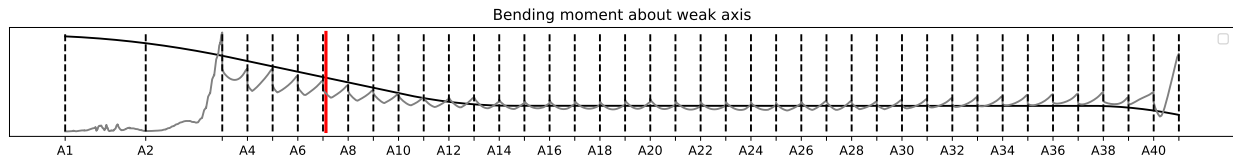
Bending moment about weak axis

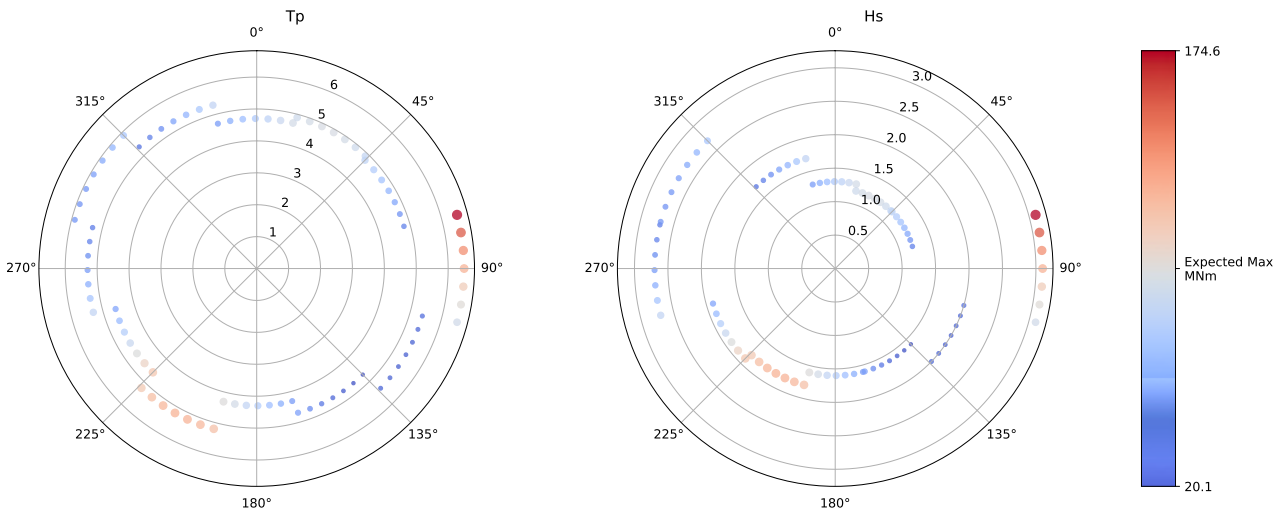
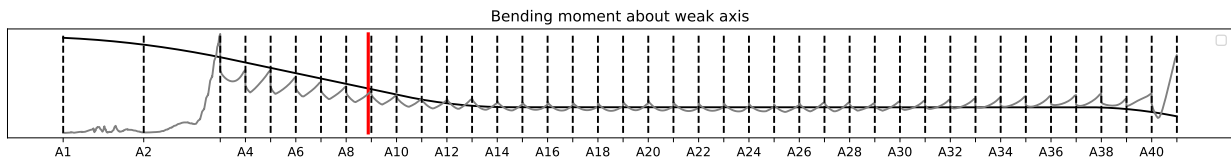
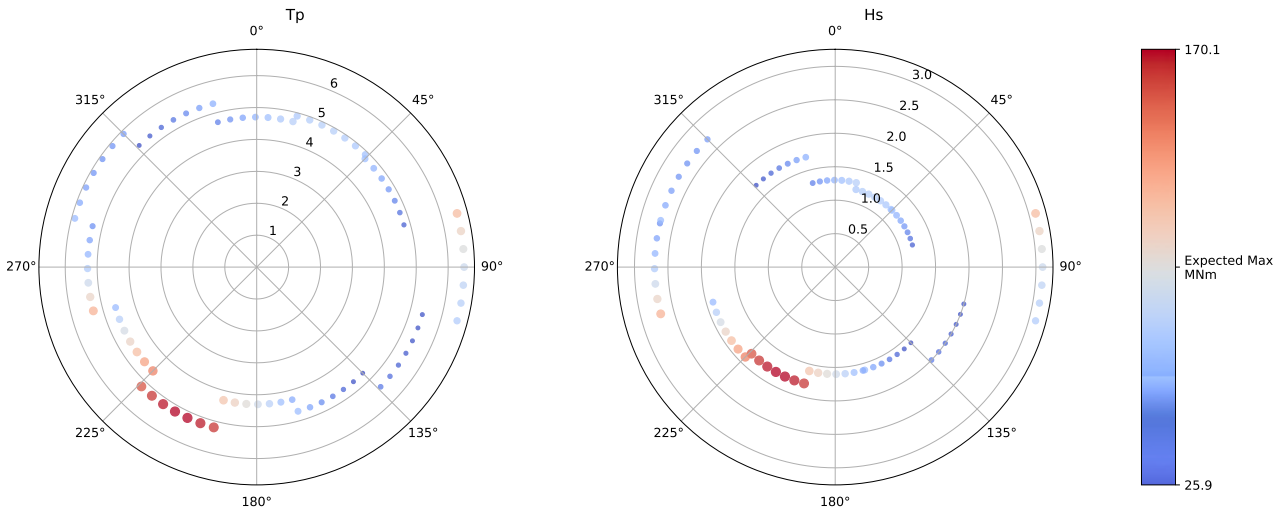
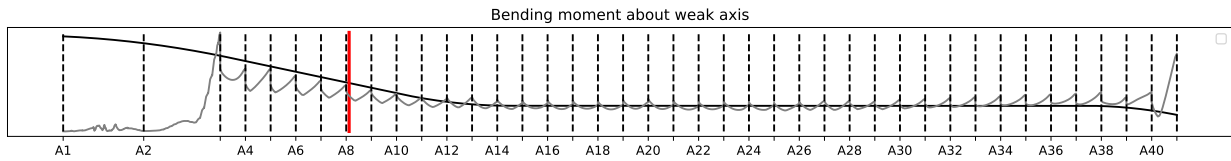


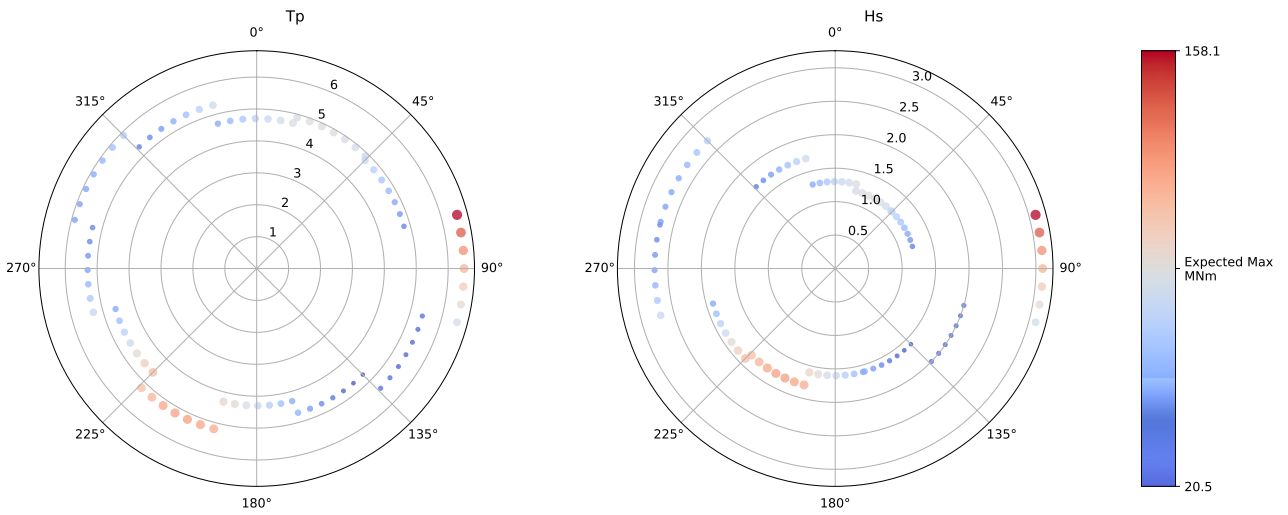
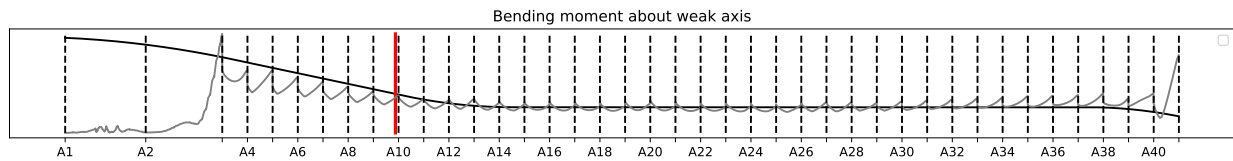
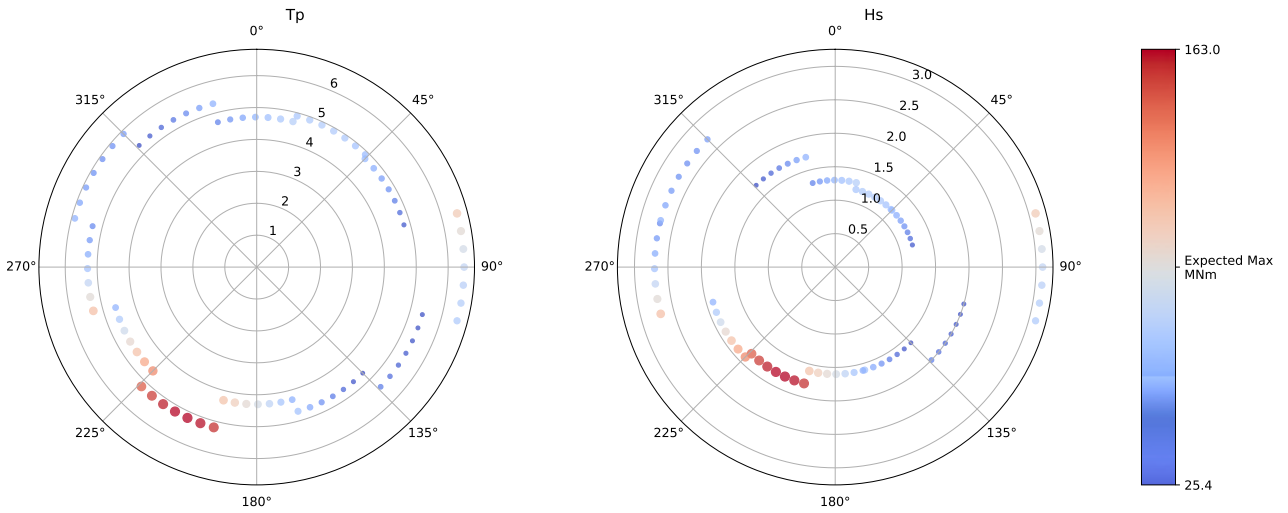
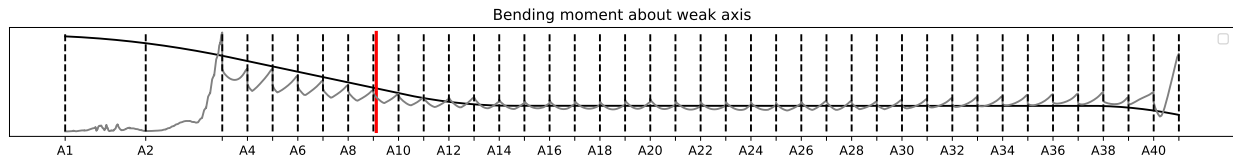
Bending moment about weak axis

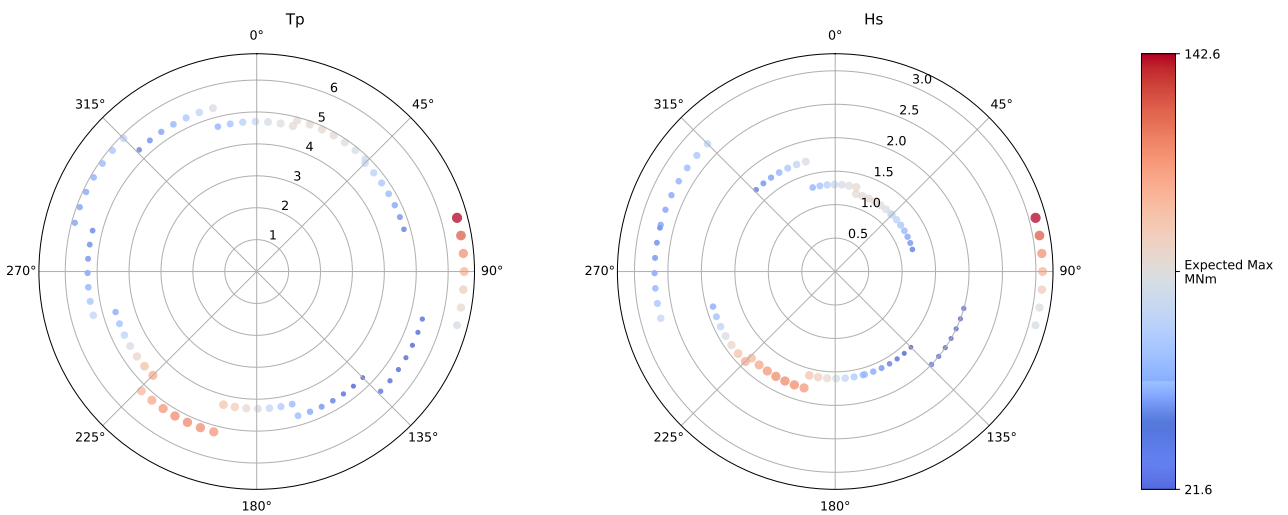
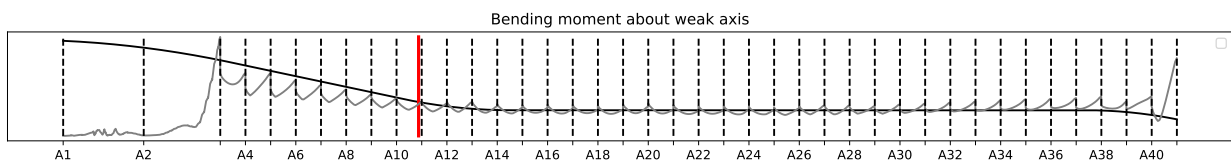
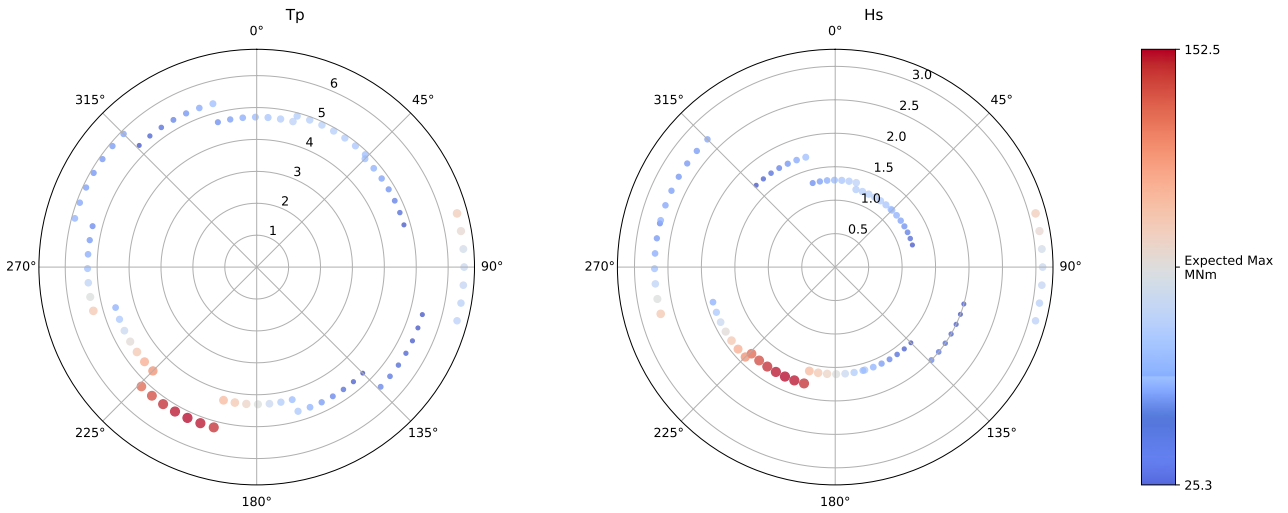
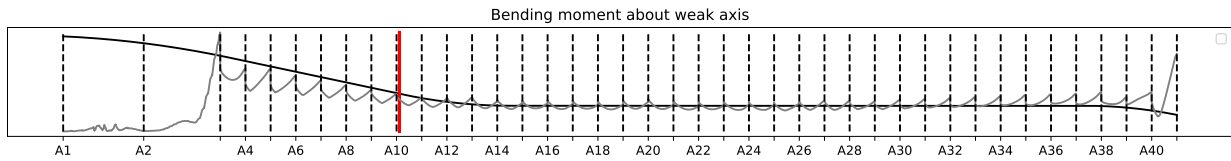


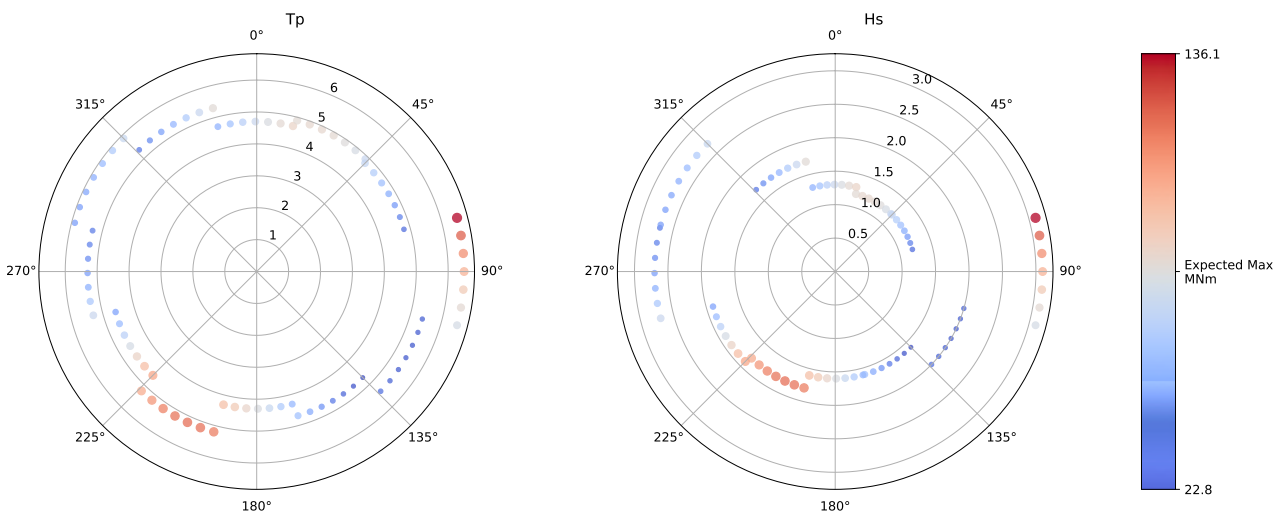
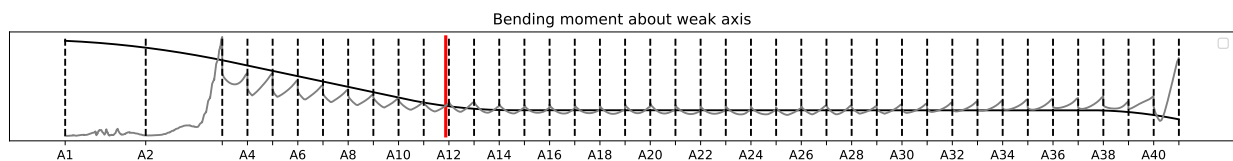
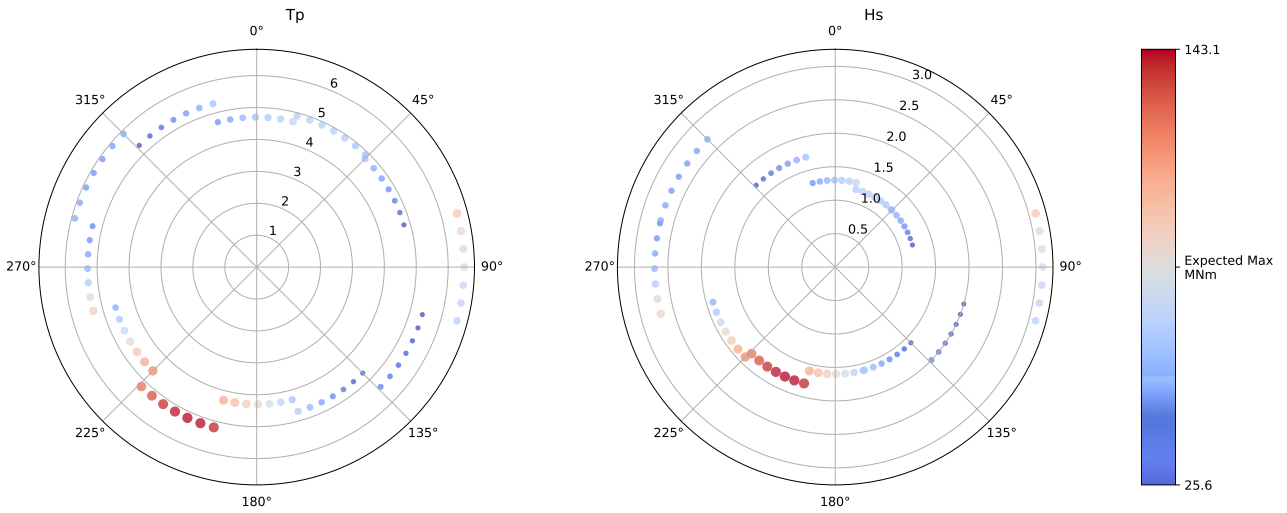
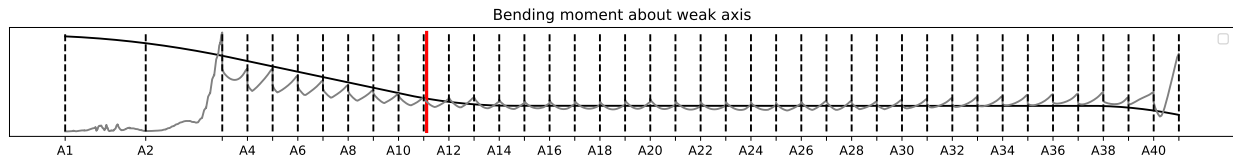


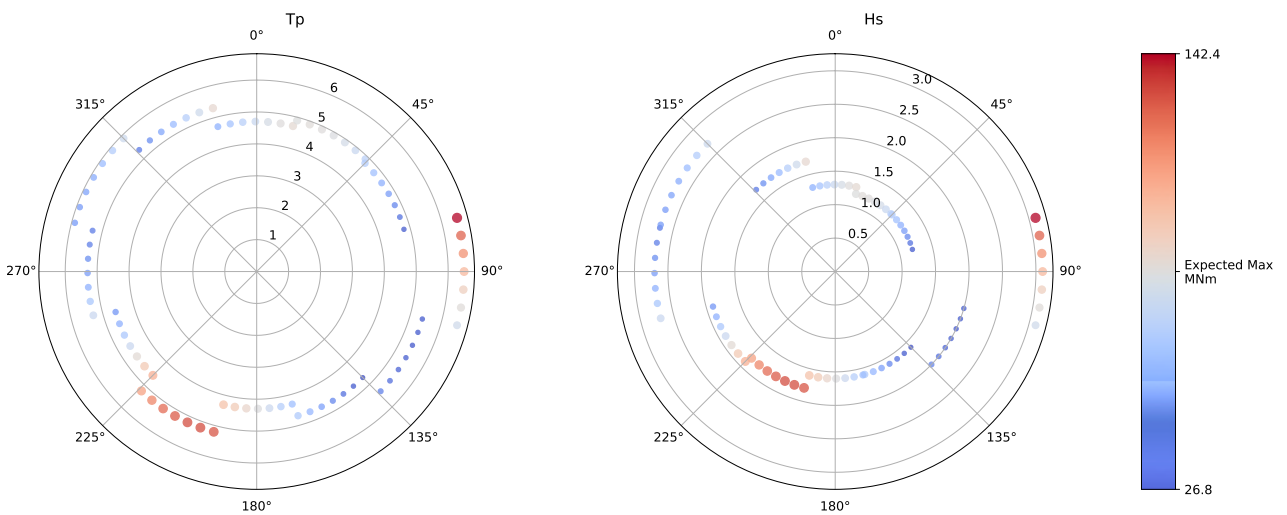
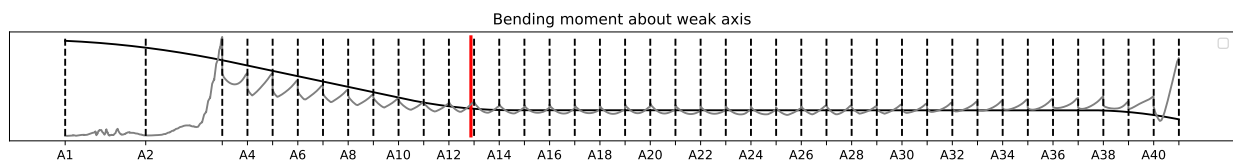
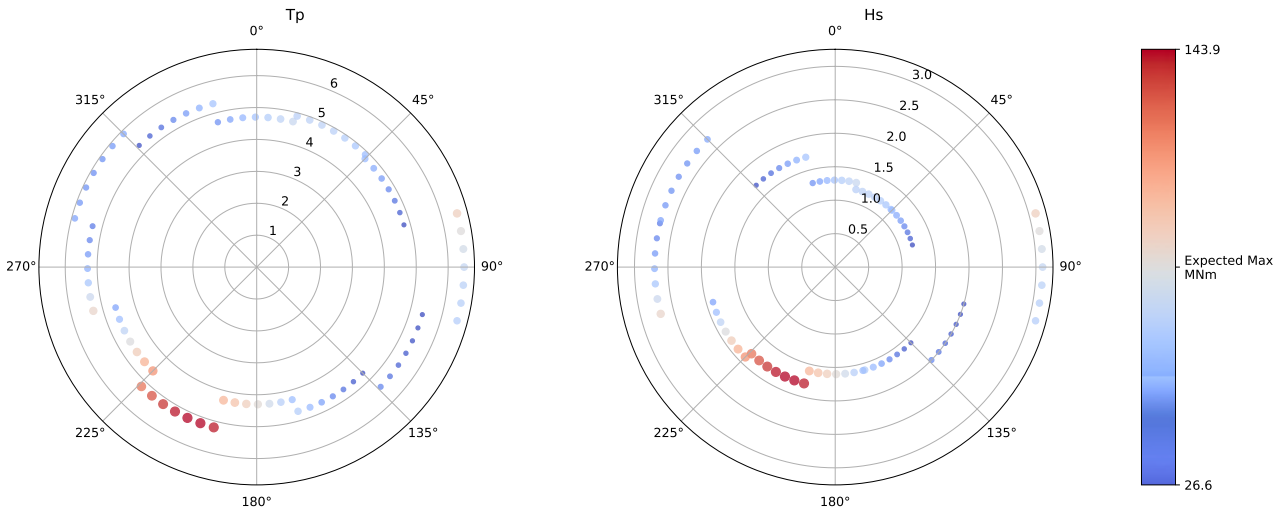
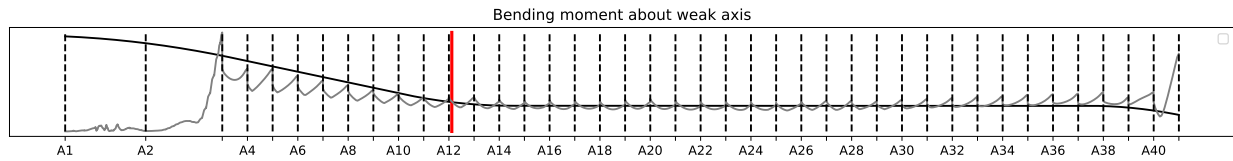


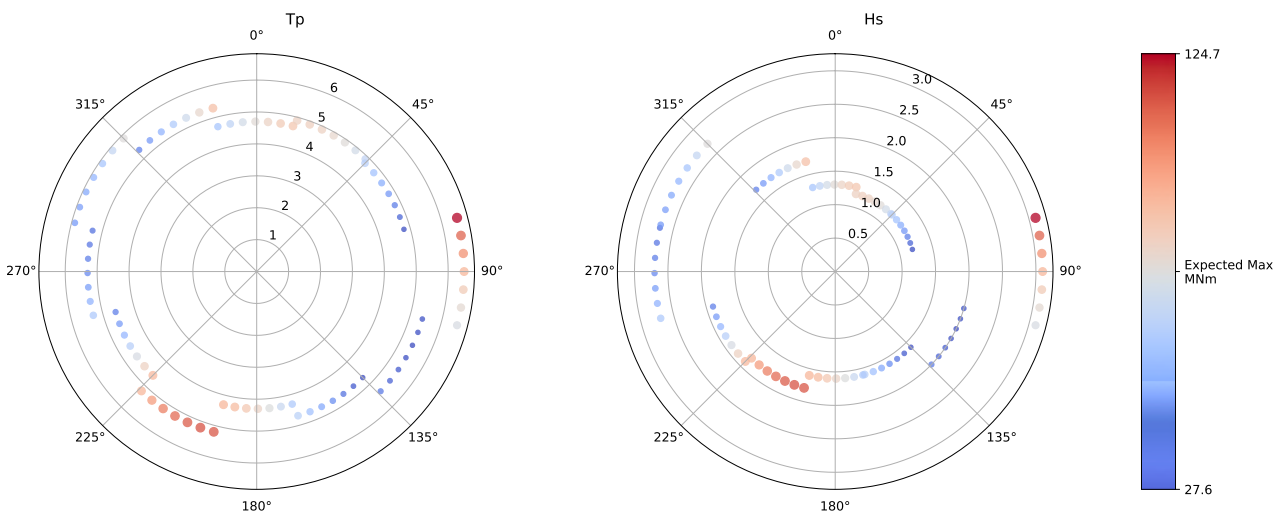
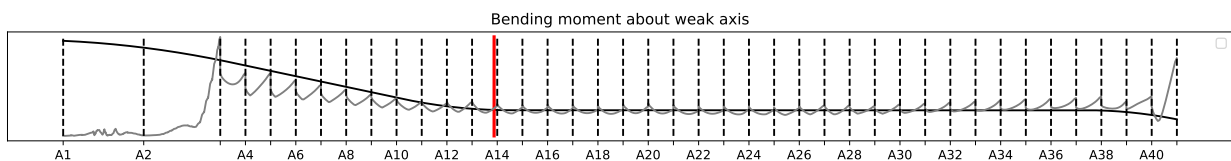
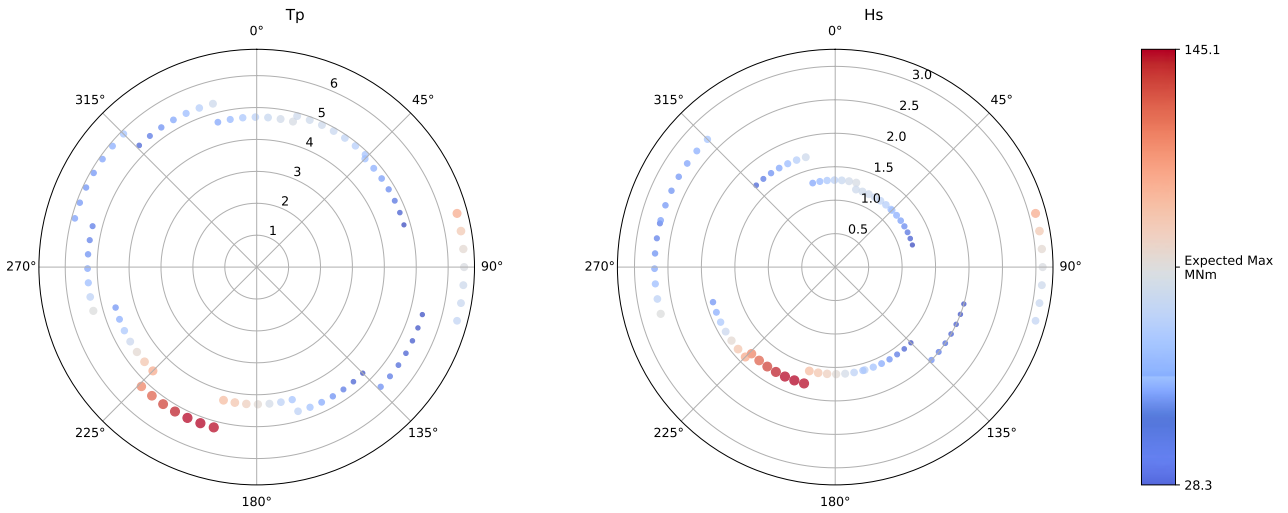
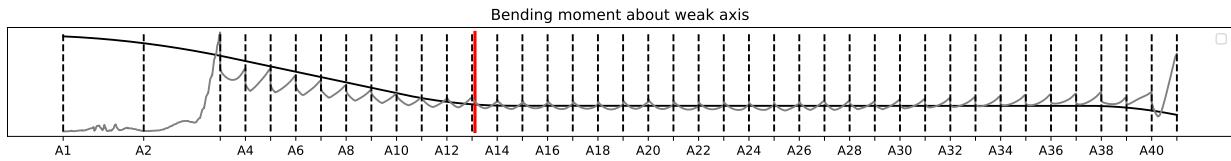


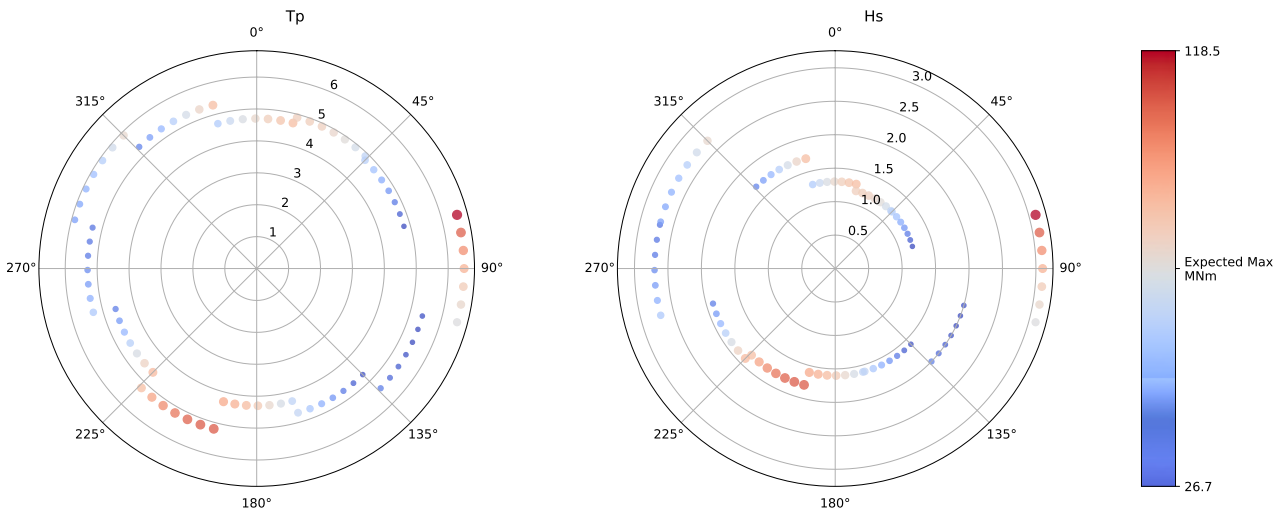
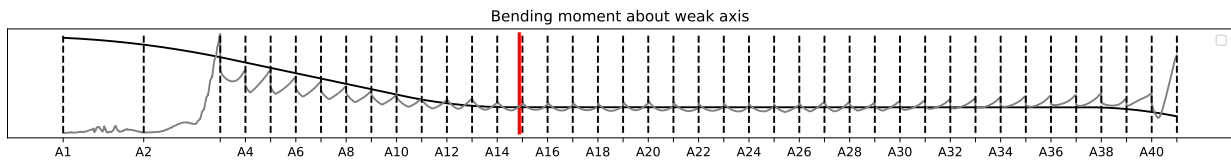
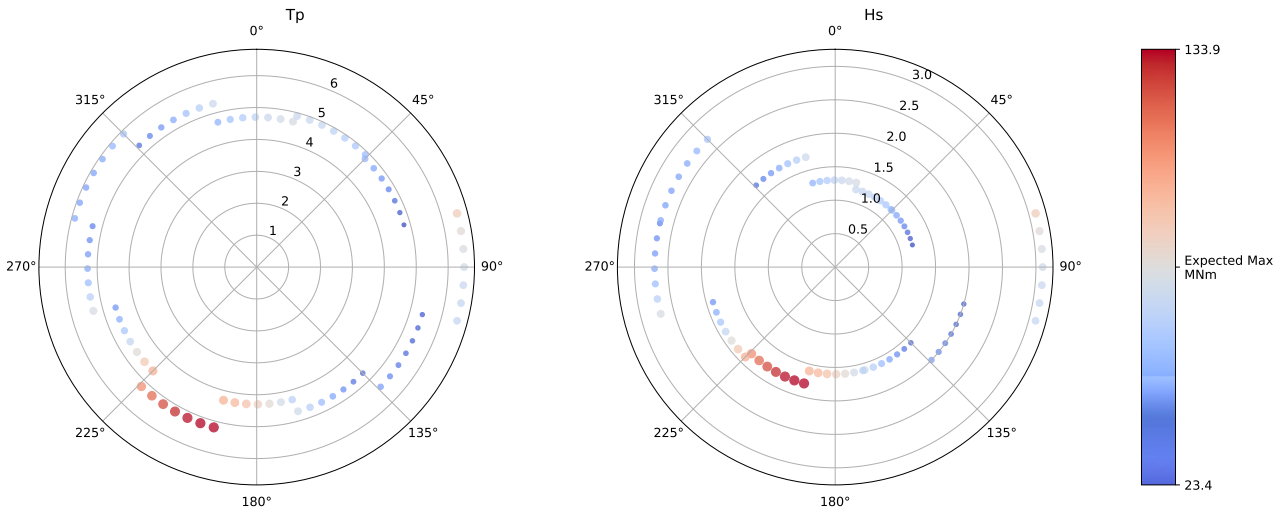
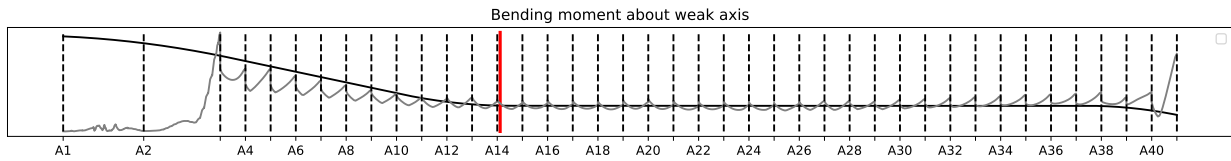


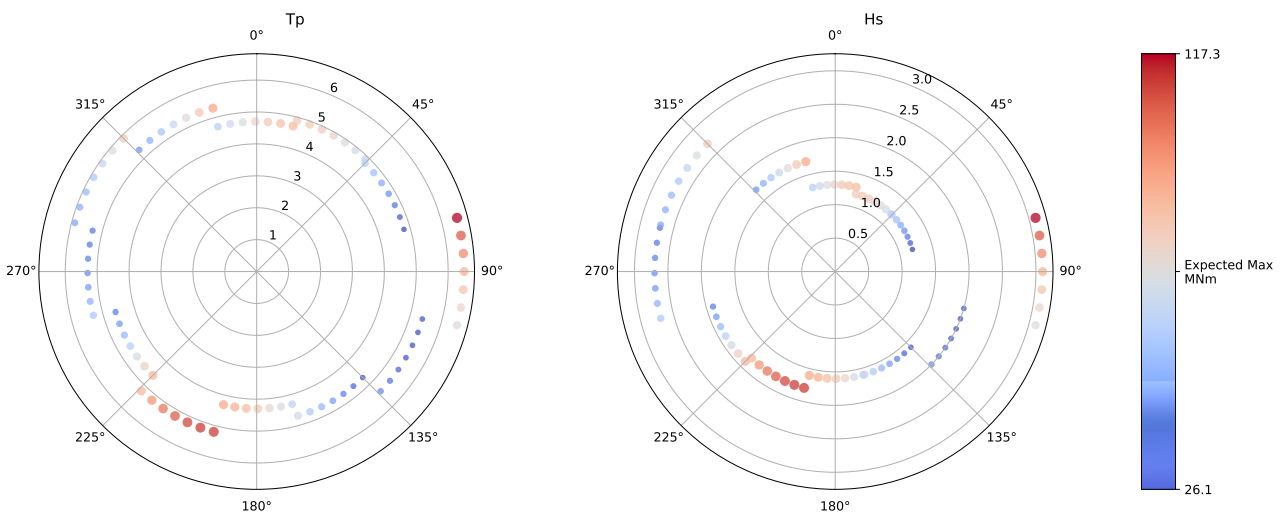
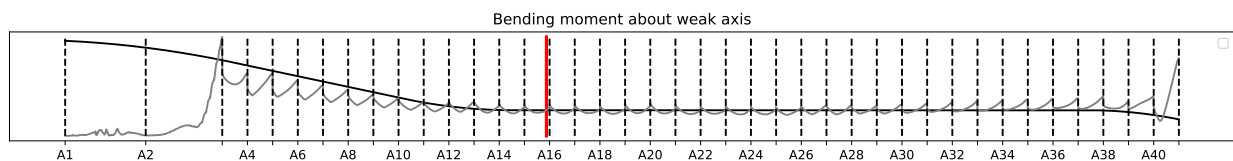
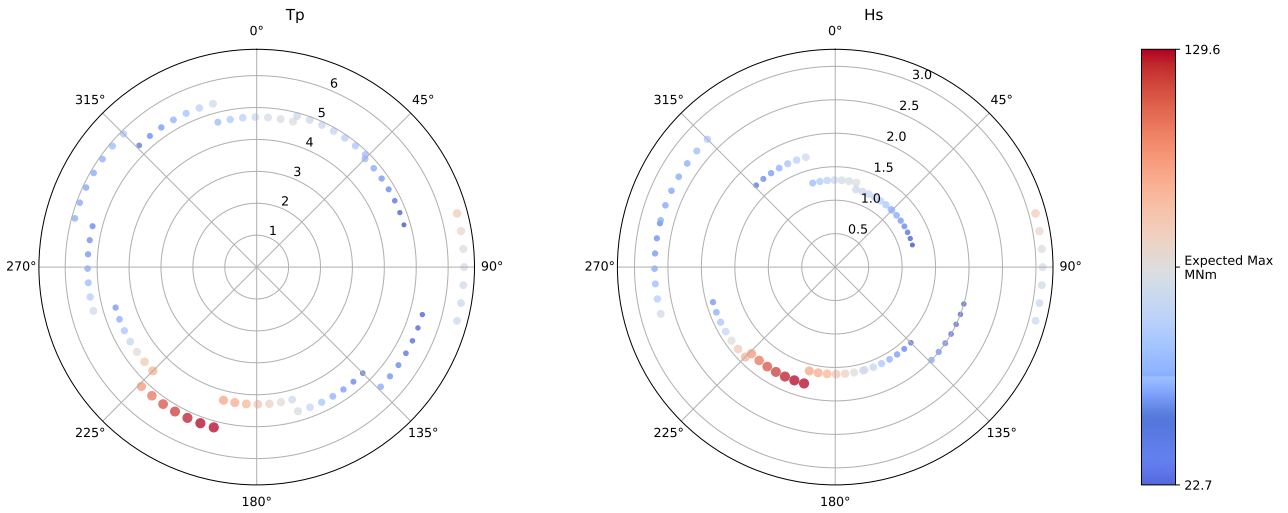
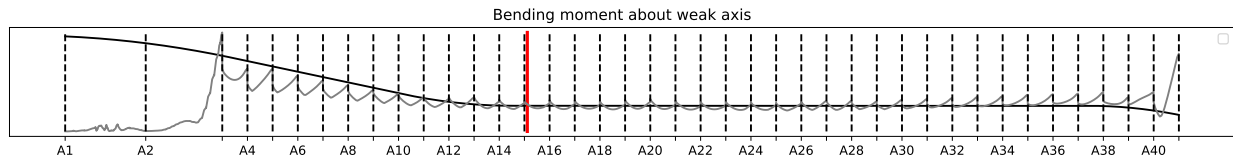


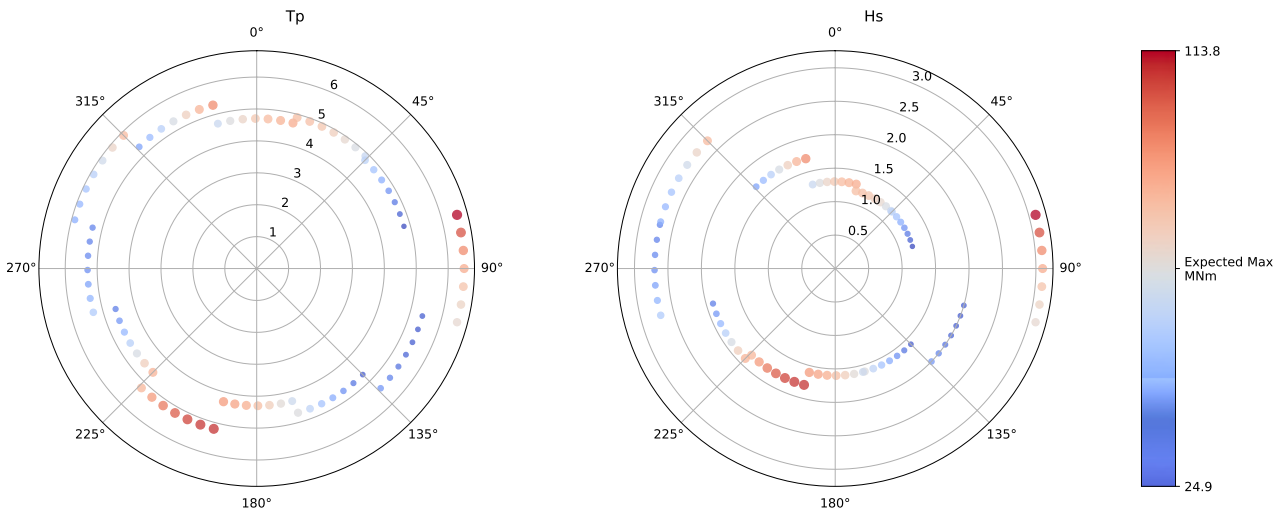
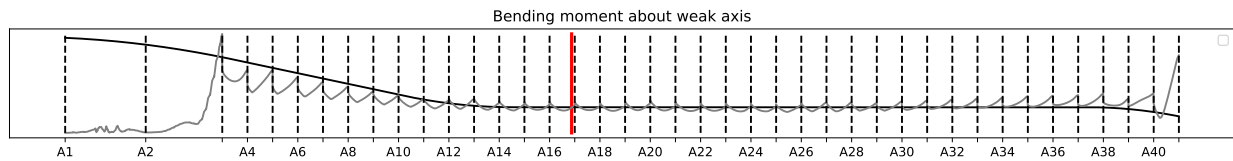
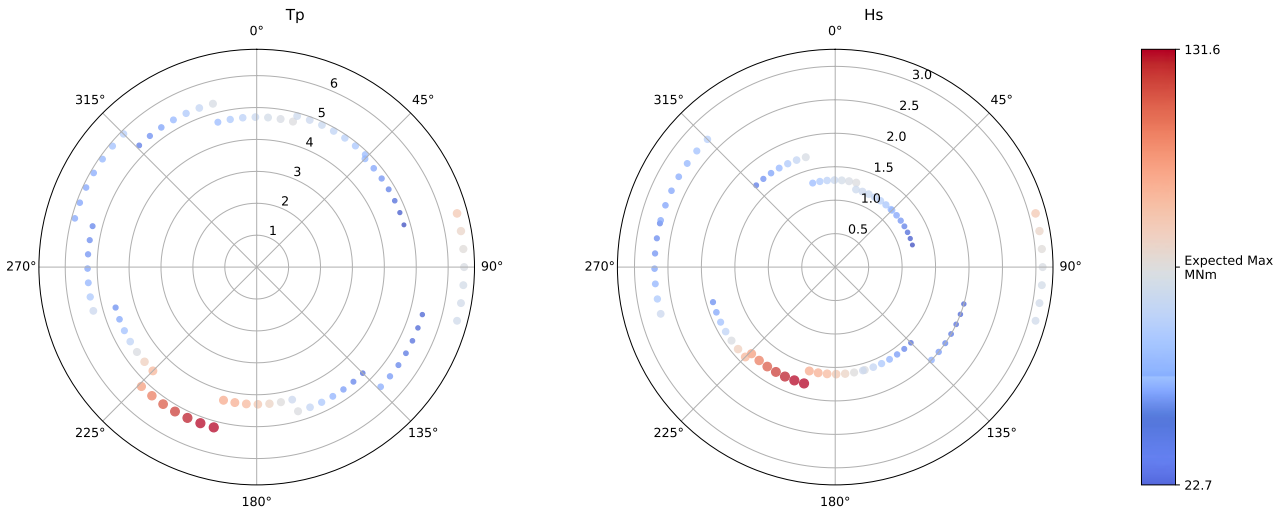
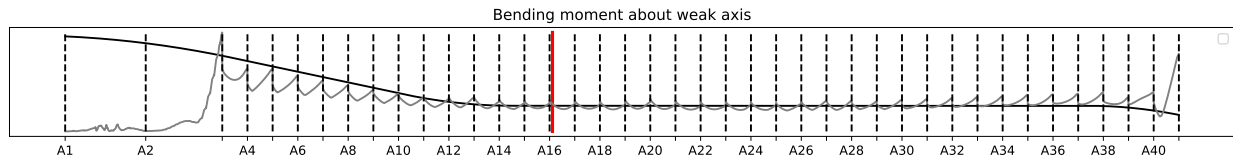


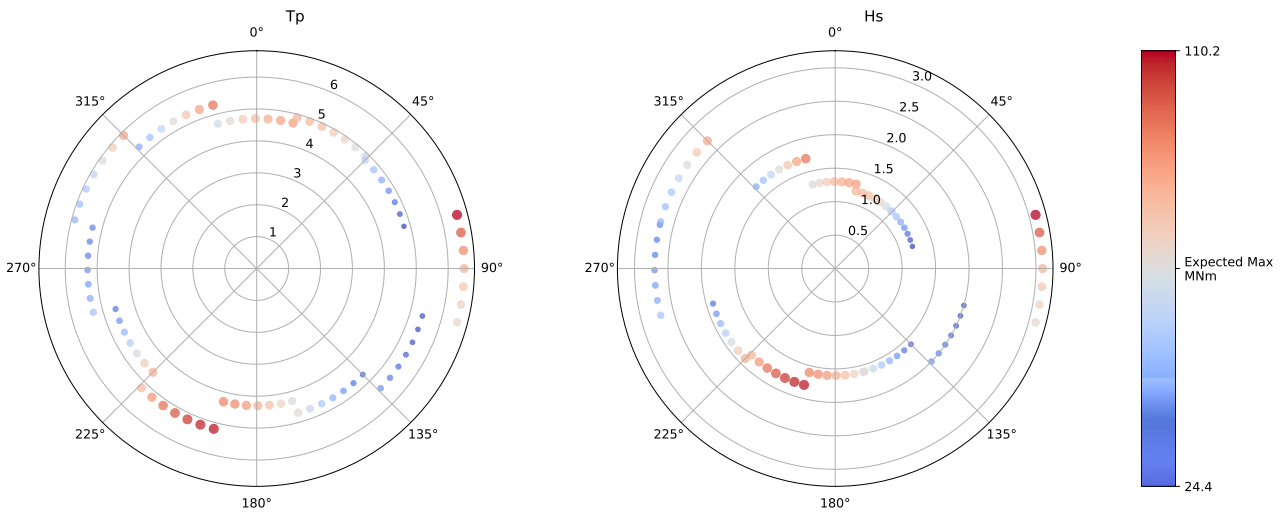
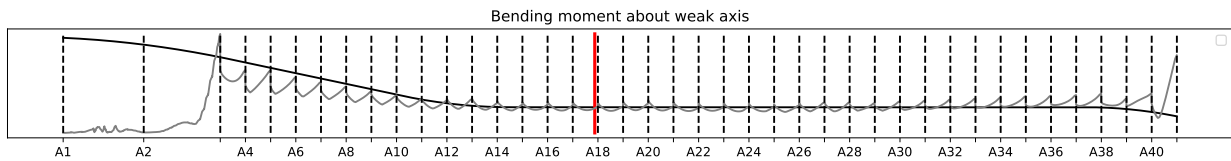
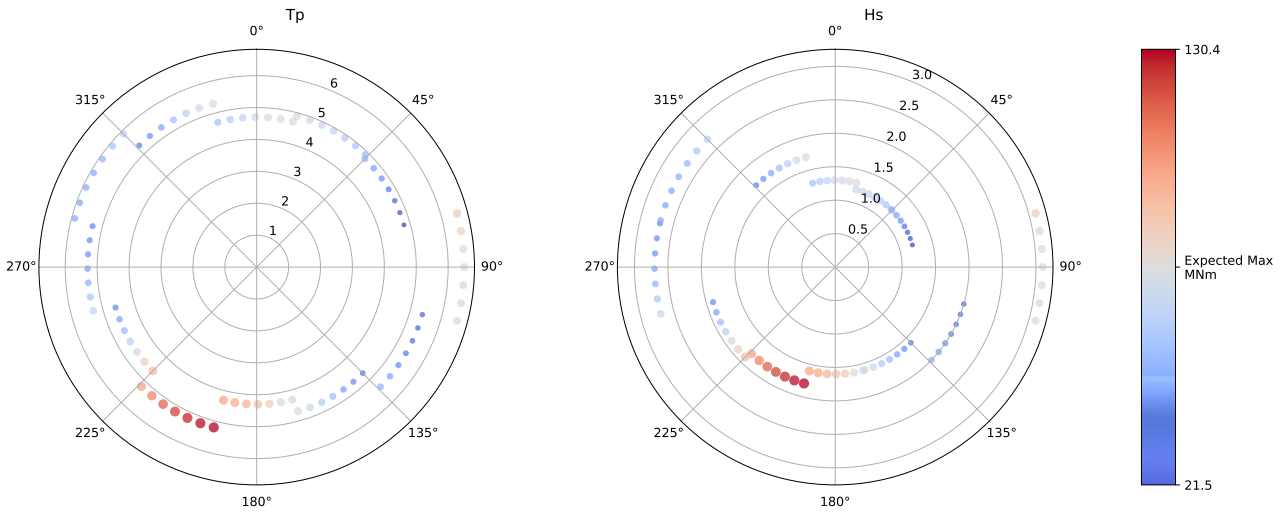
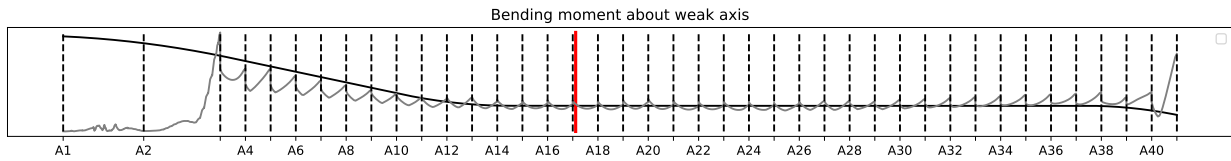


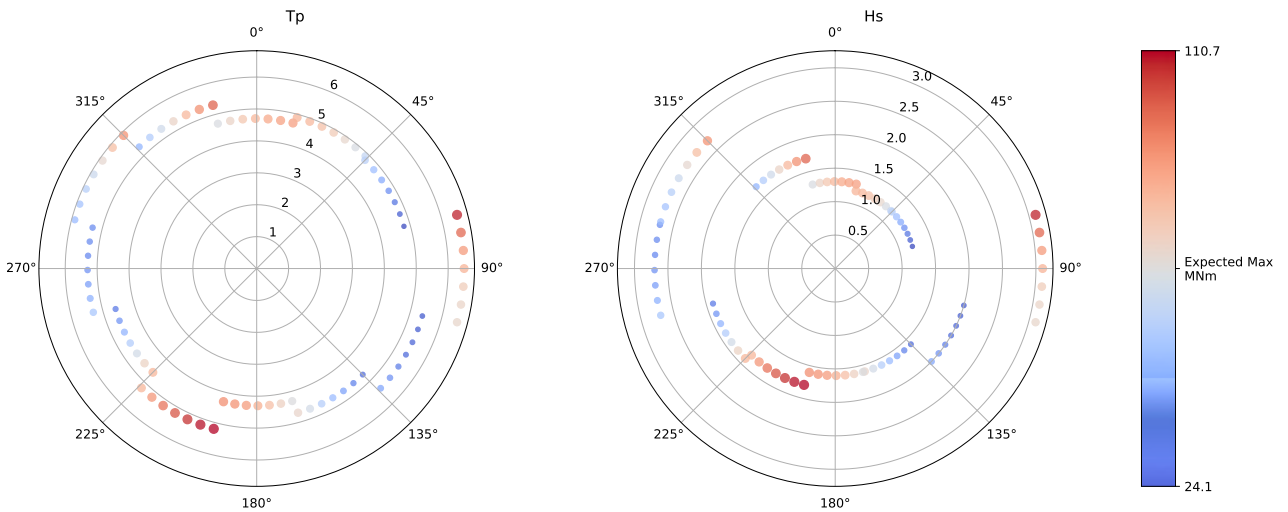
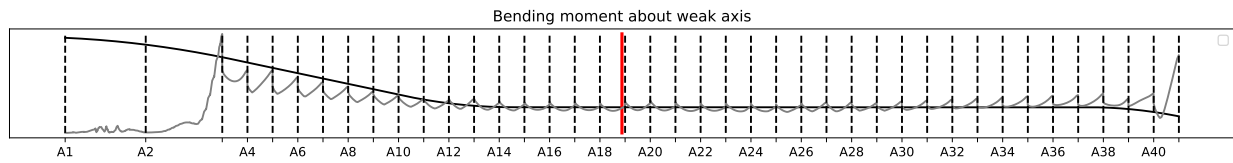
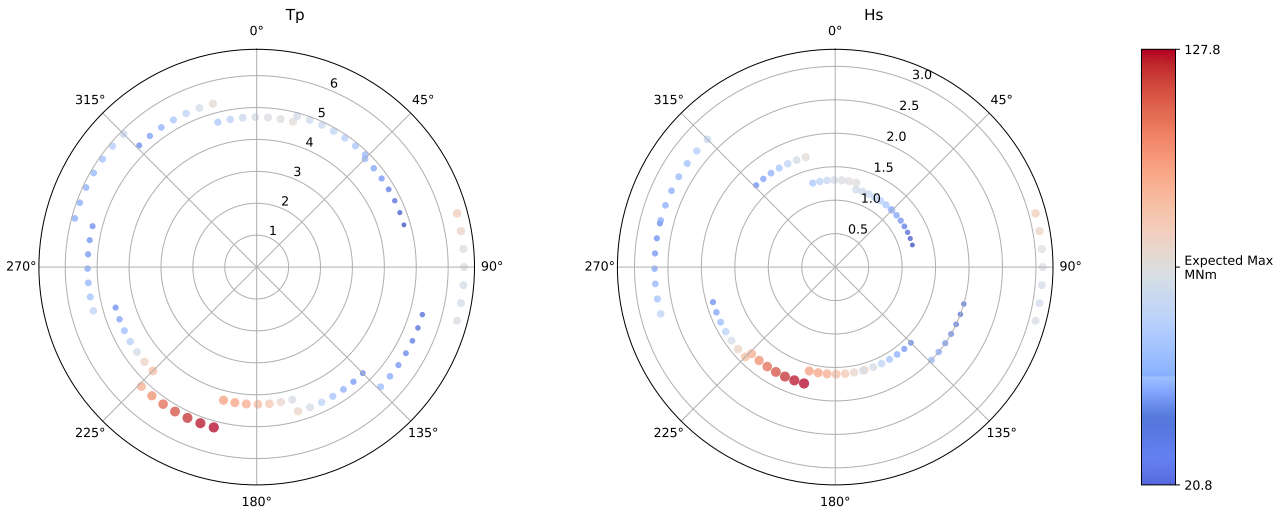
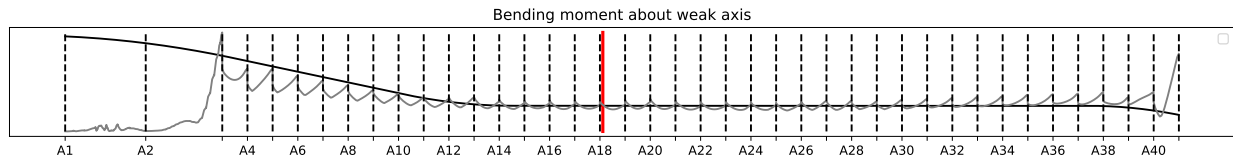


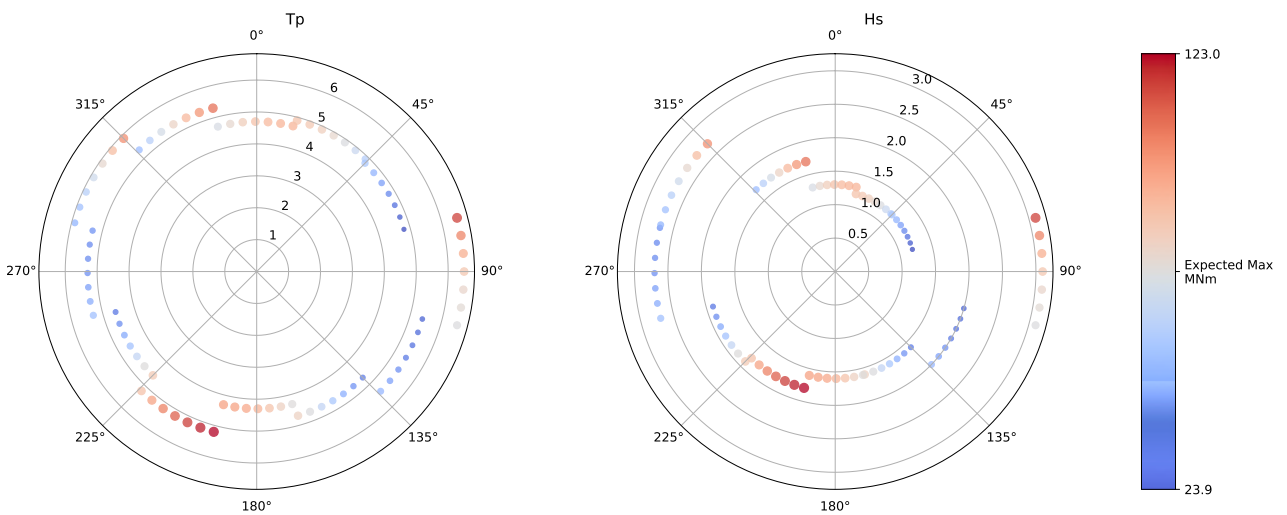
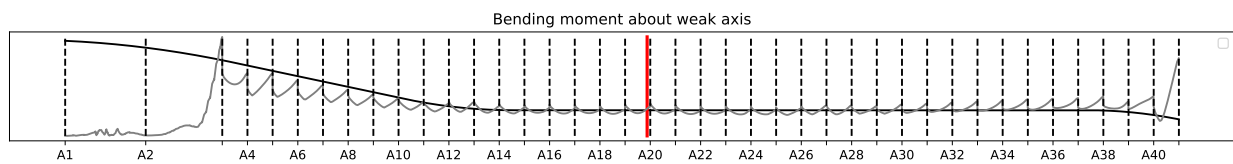
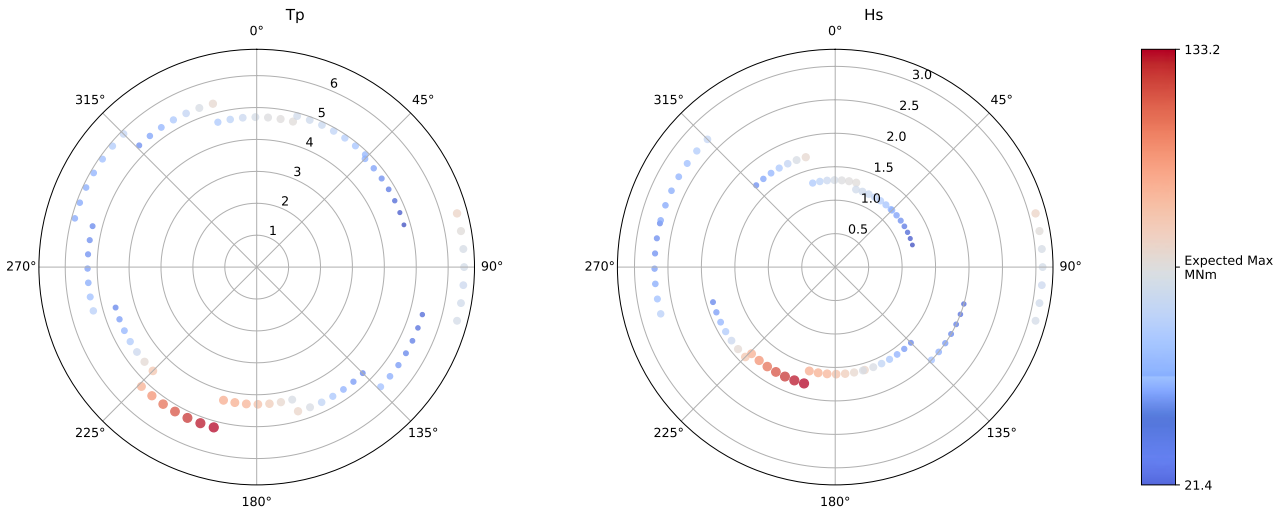
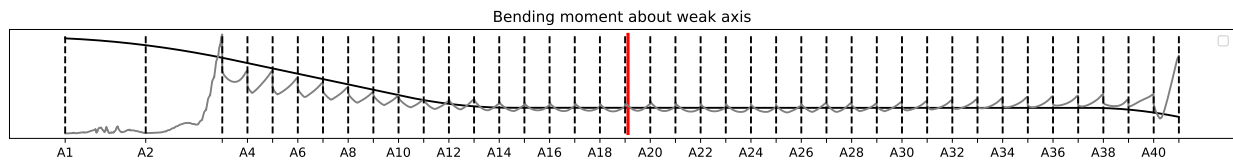


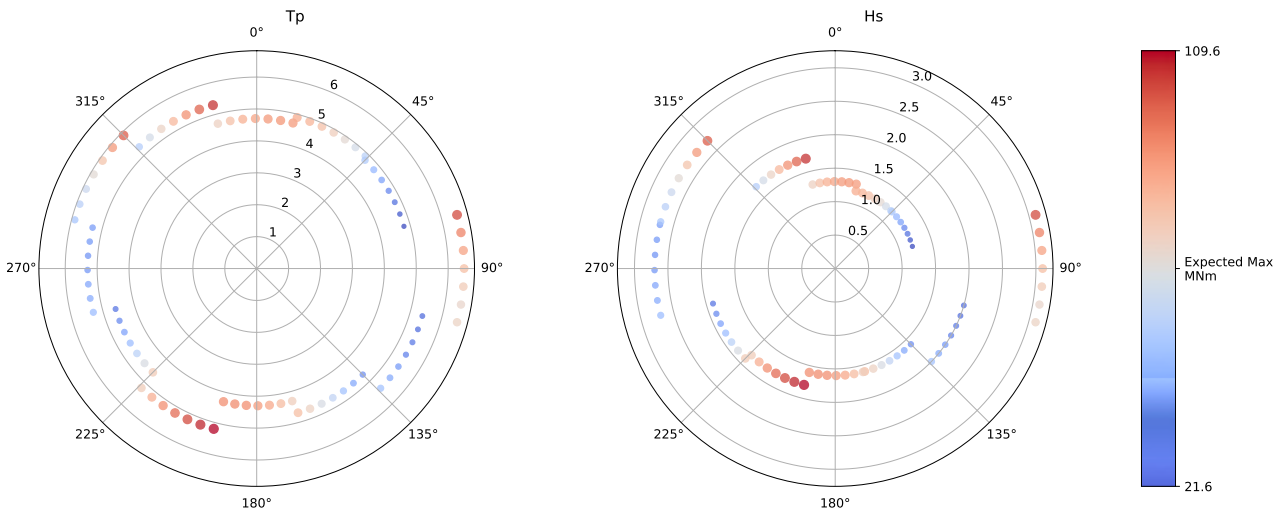
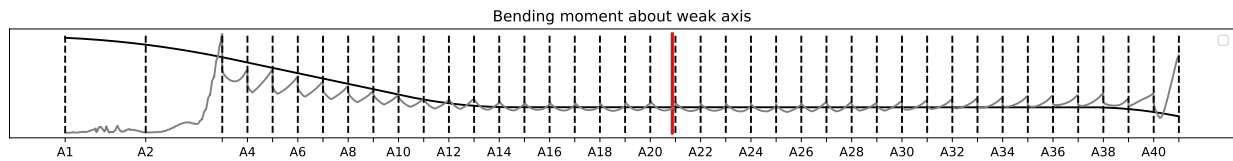
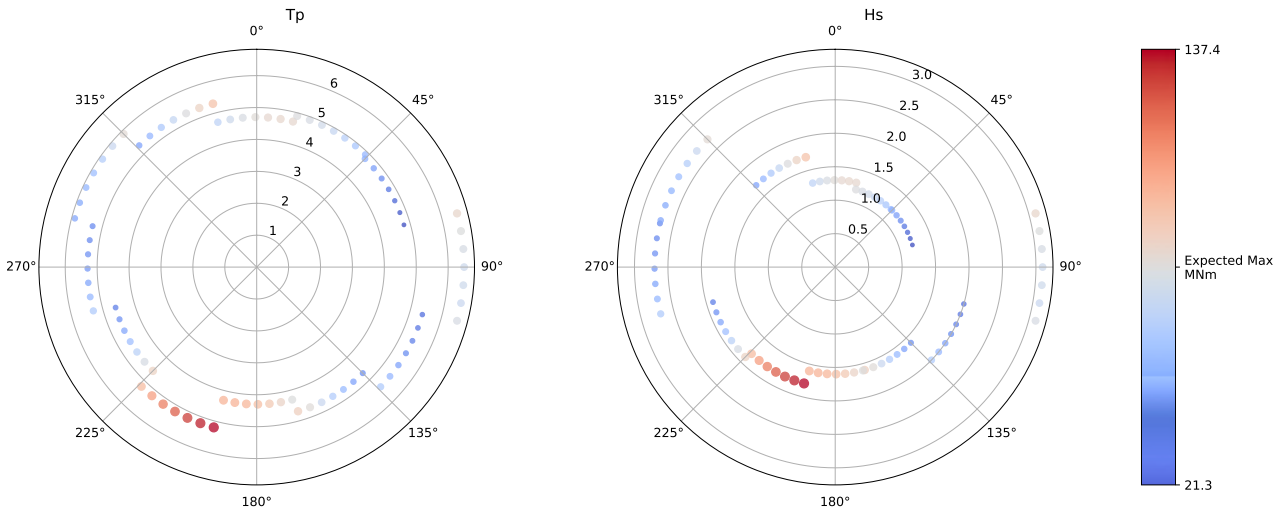
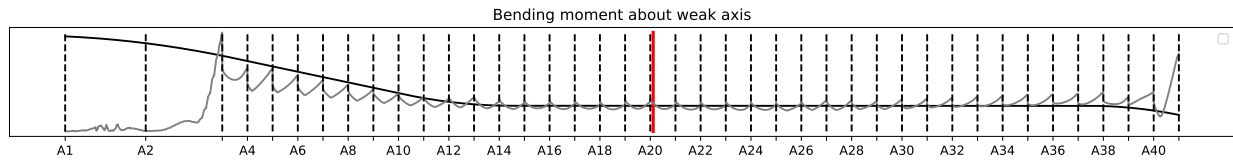


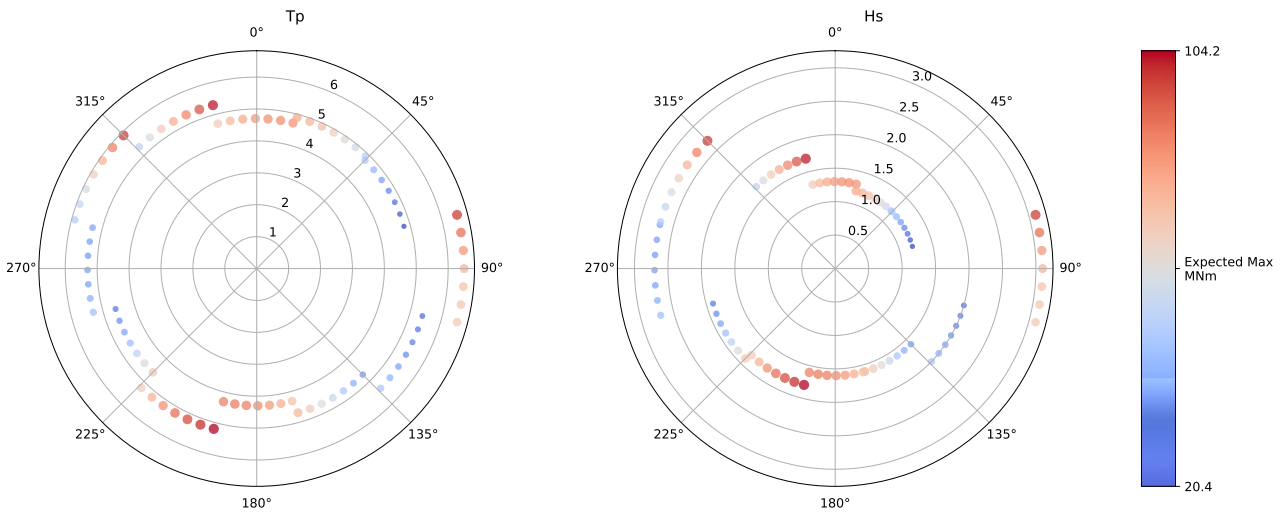
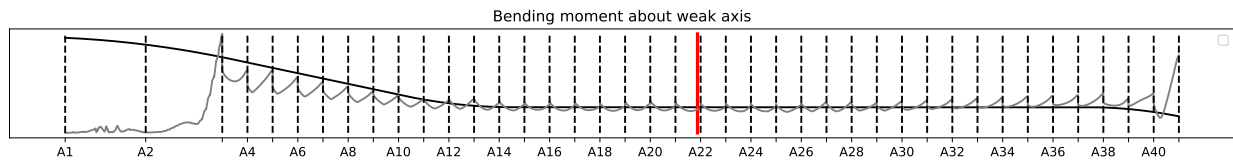
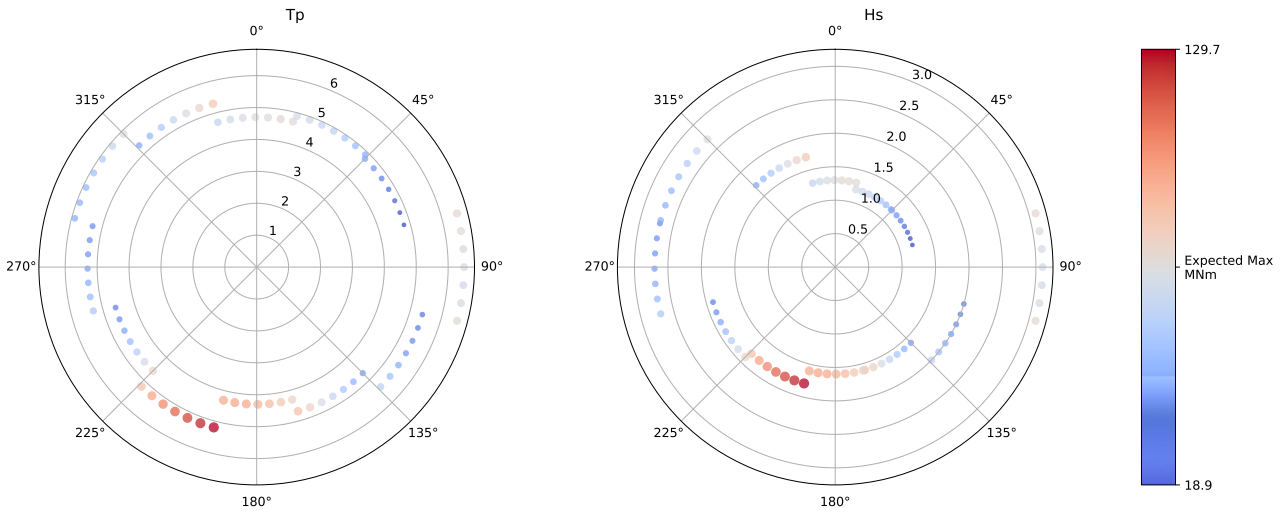
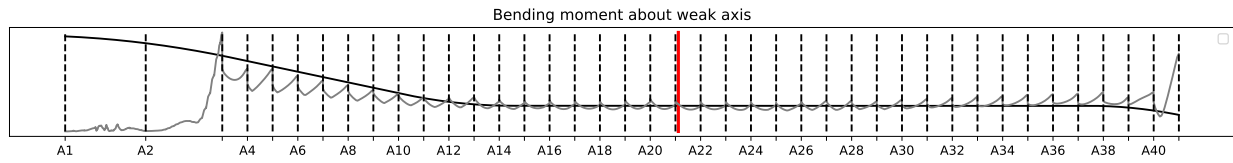


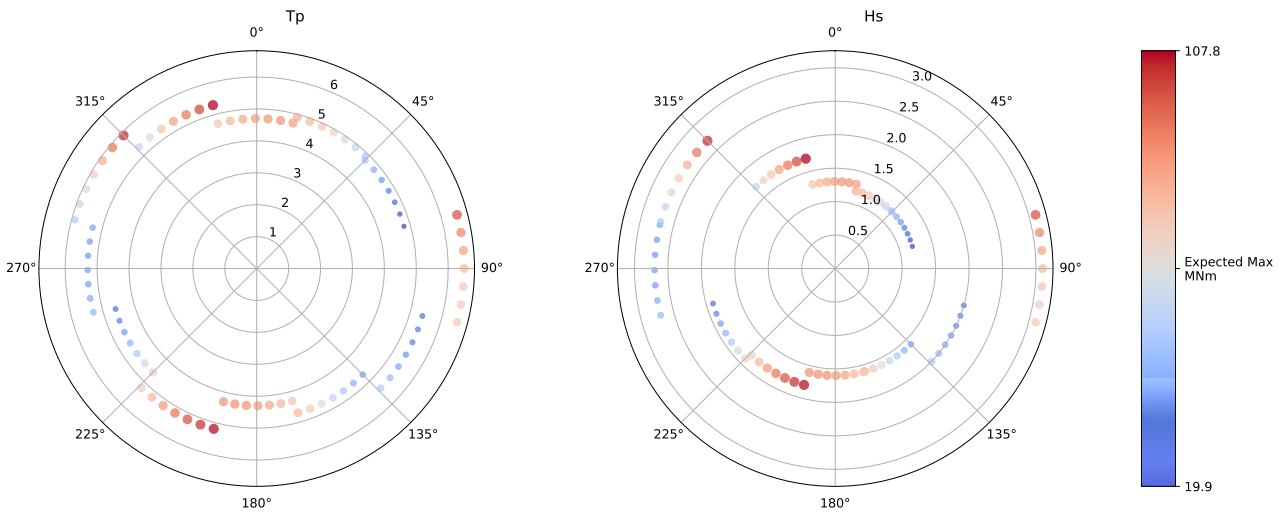
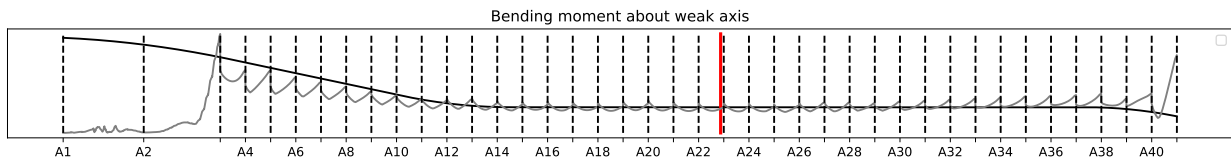
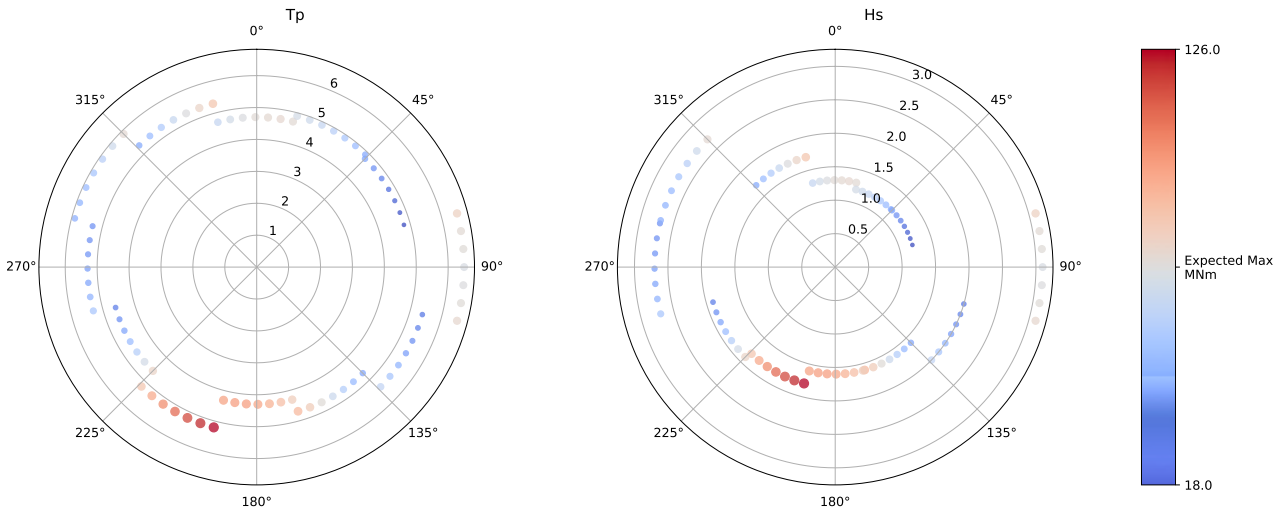
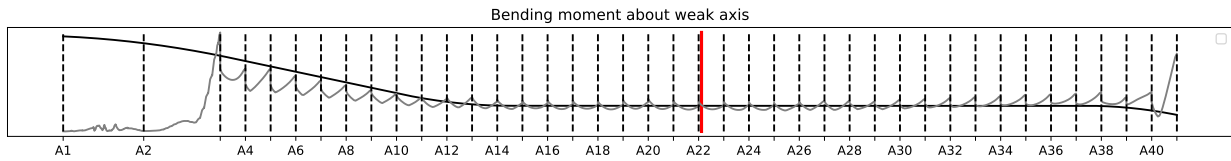


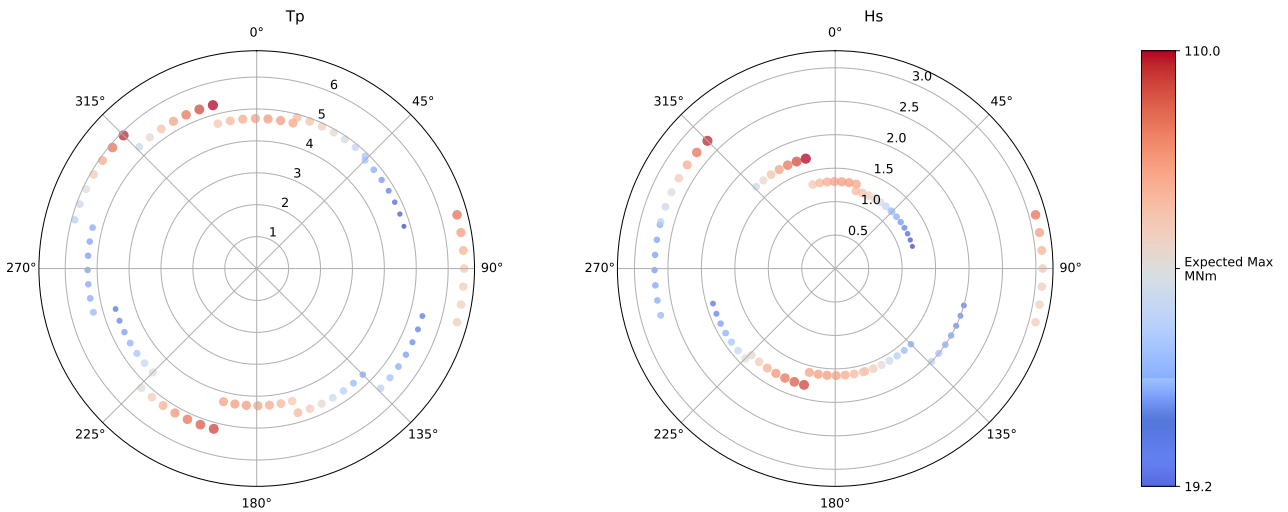
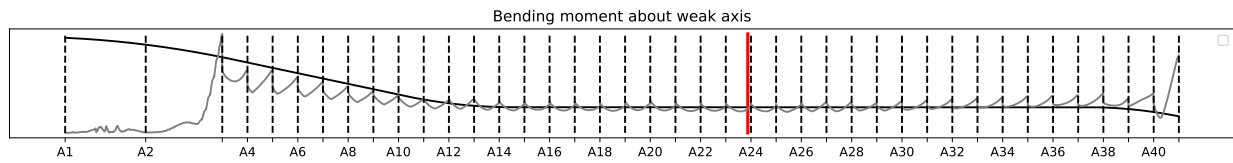
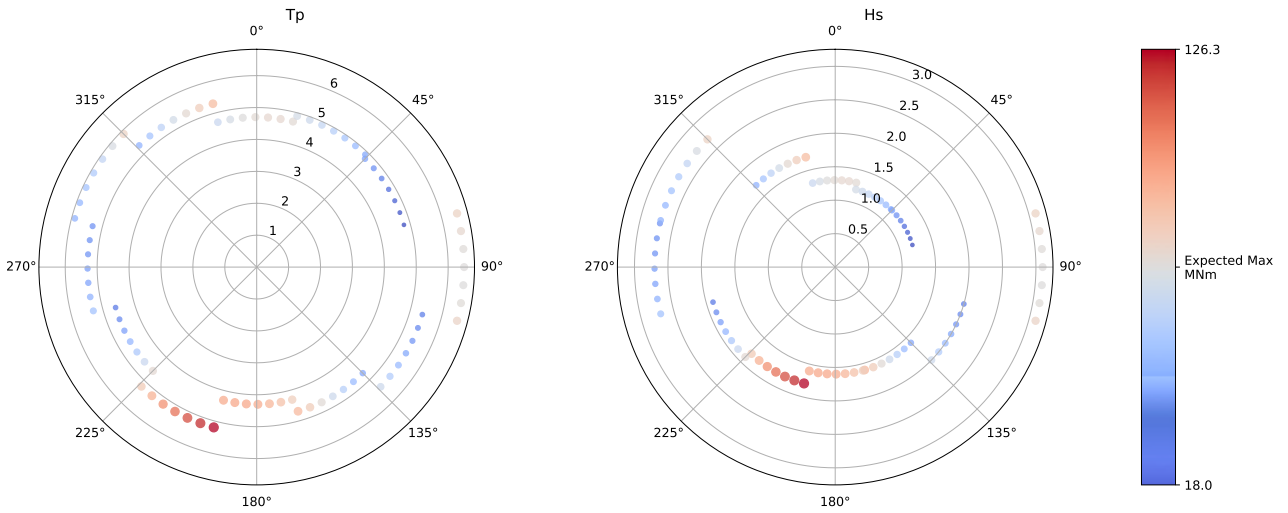
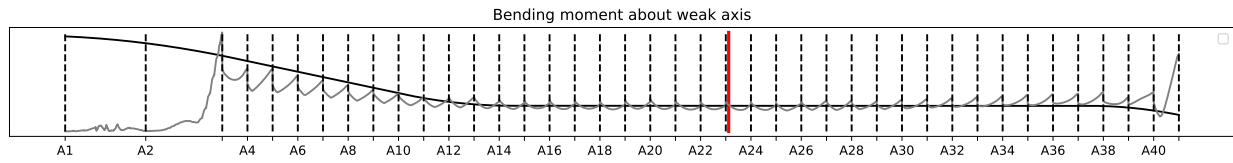


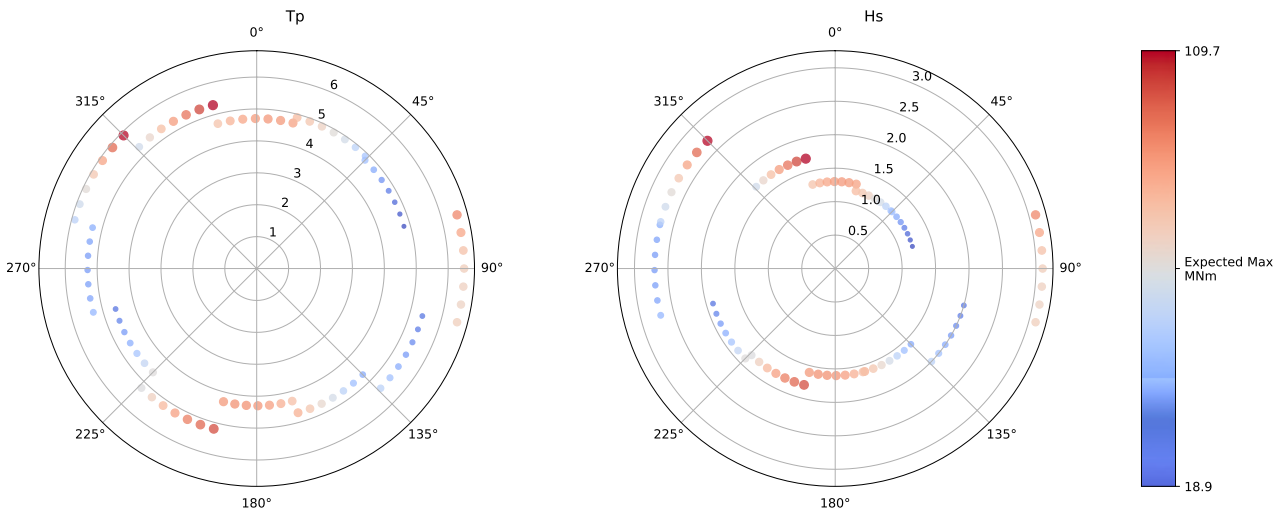
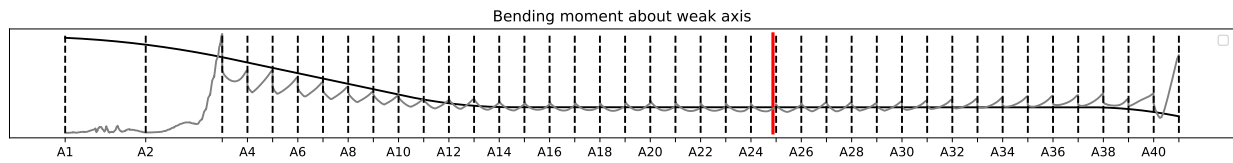
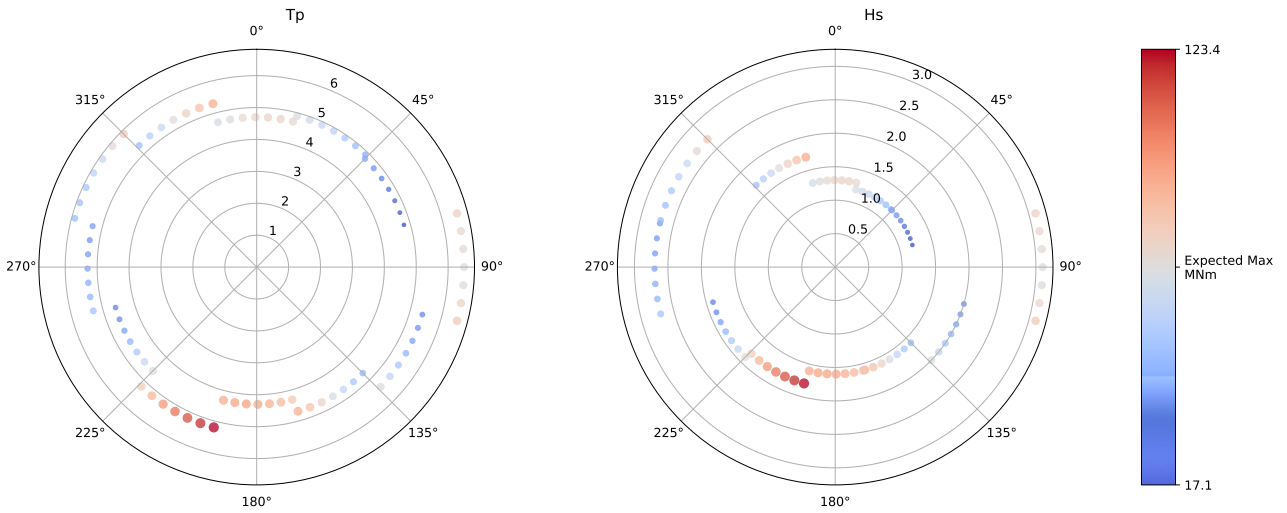
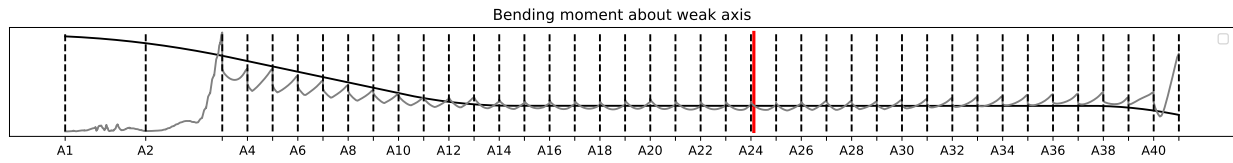


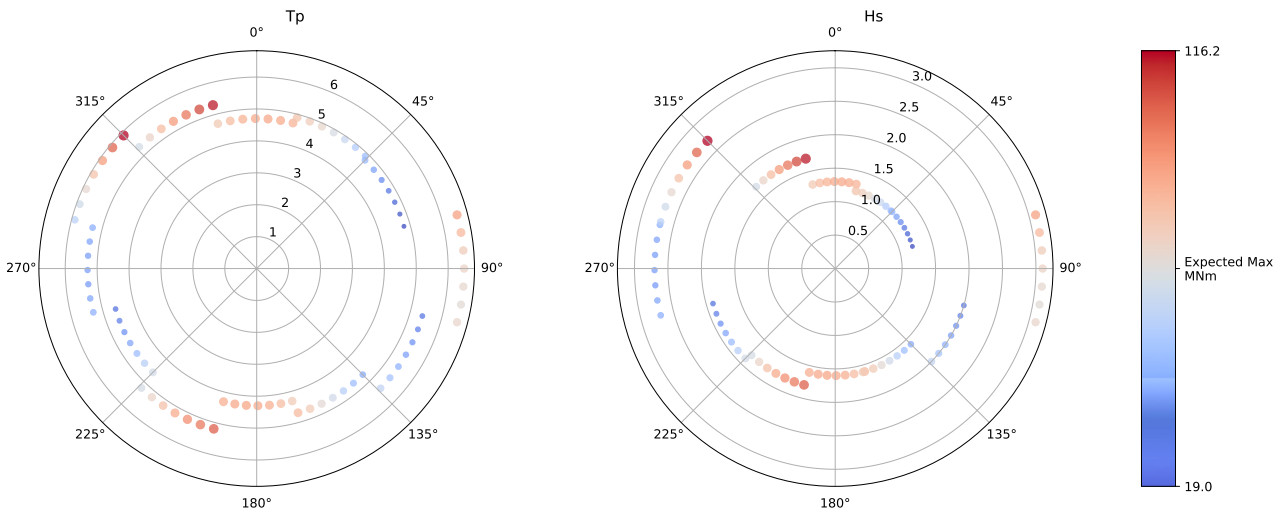
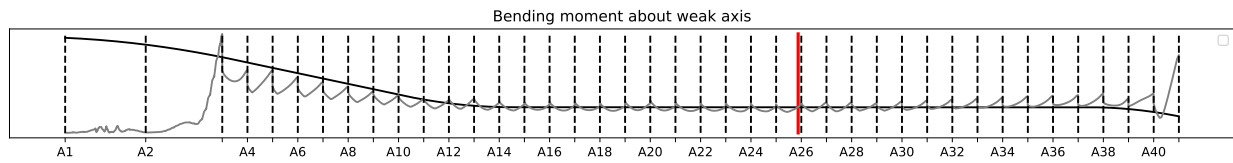
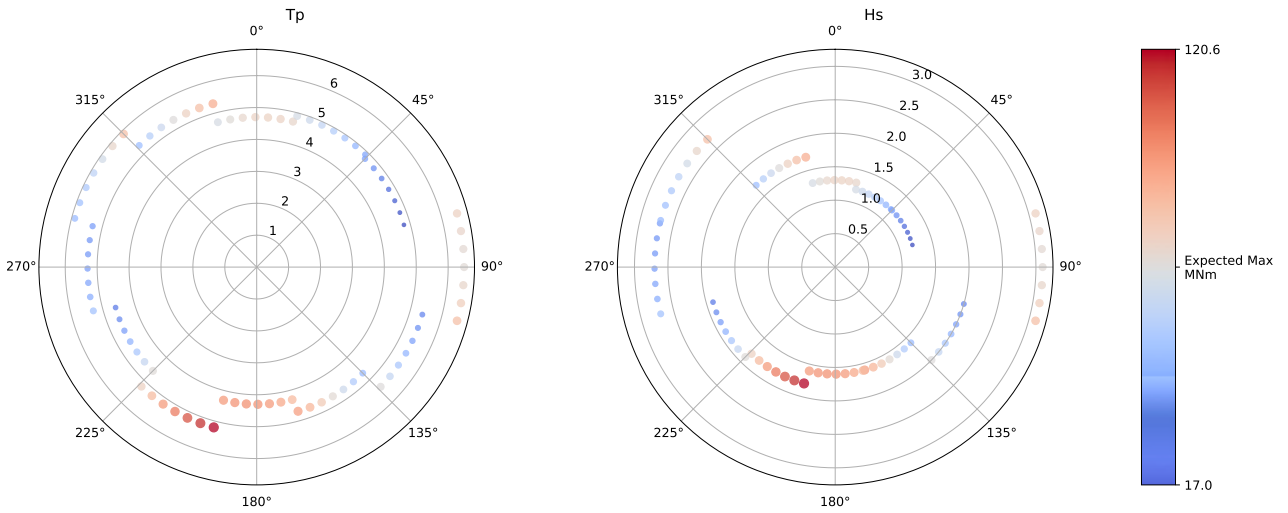
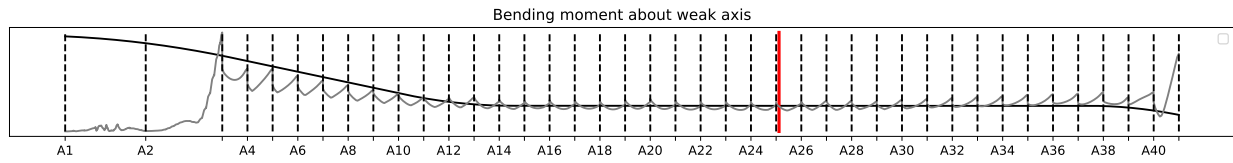


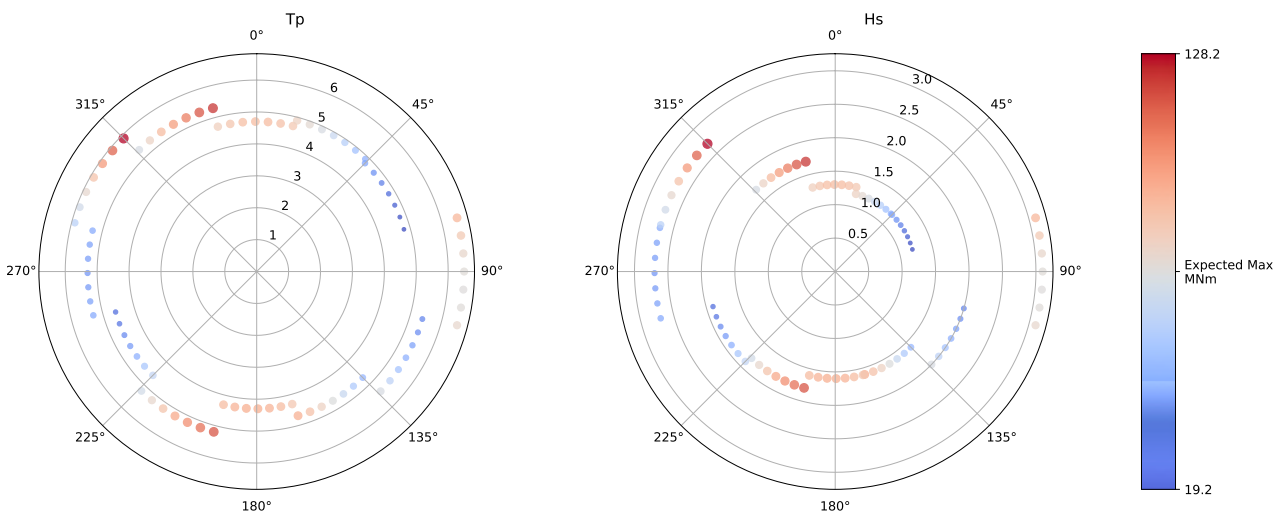
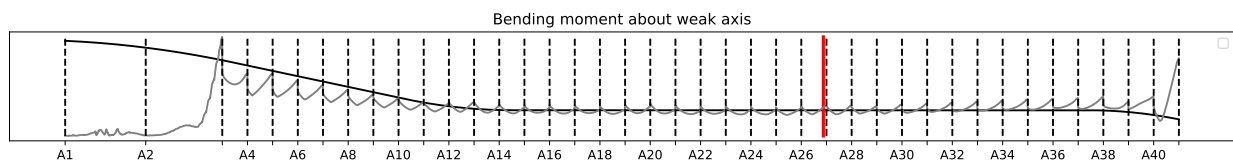
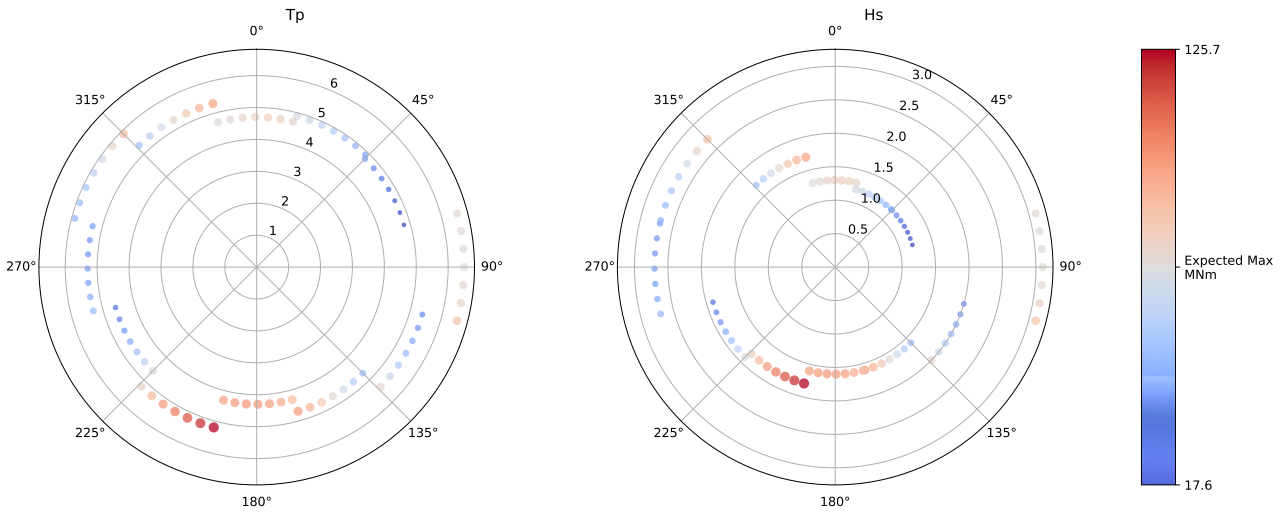
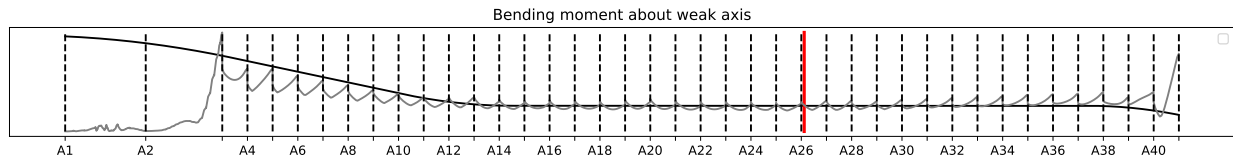


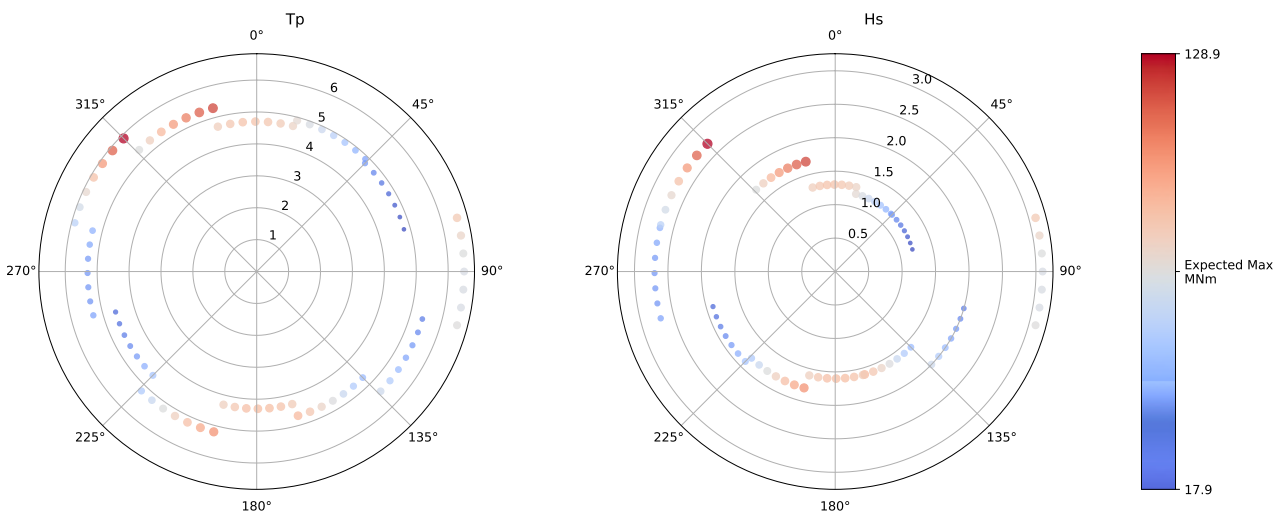
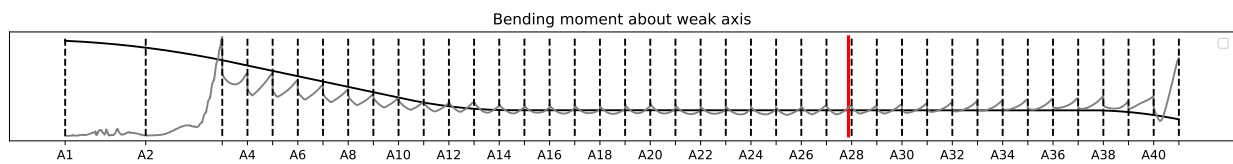
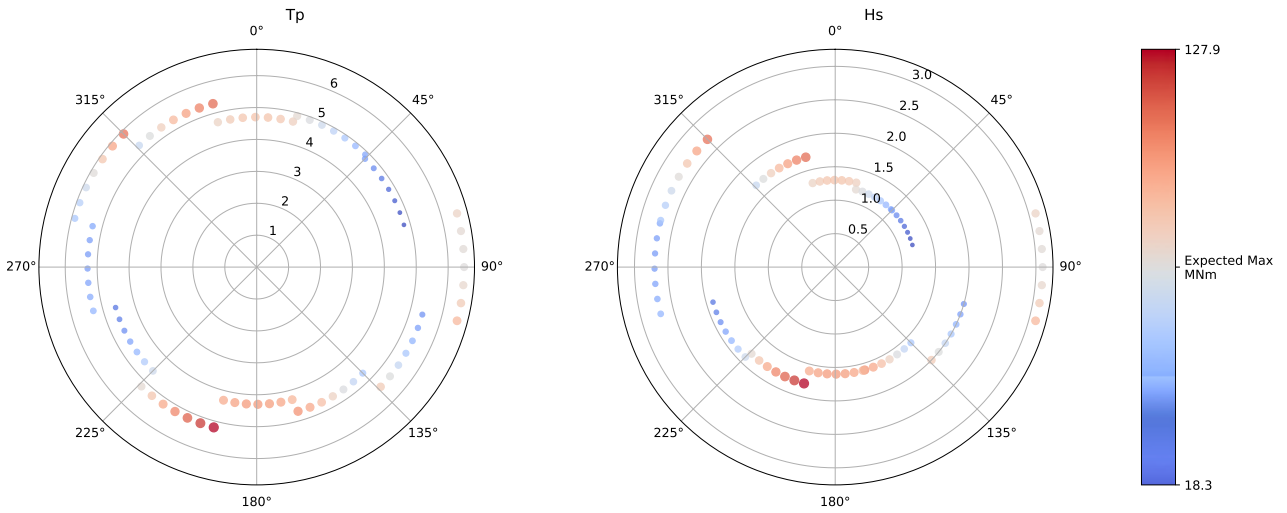
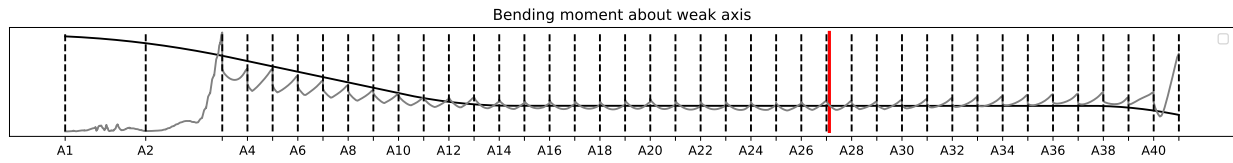


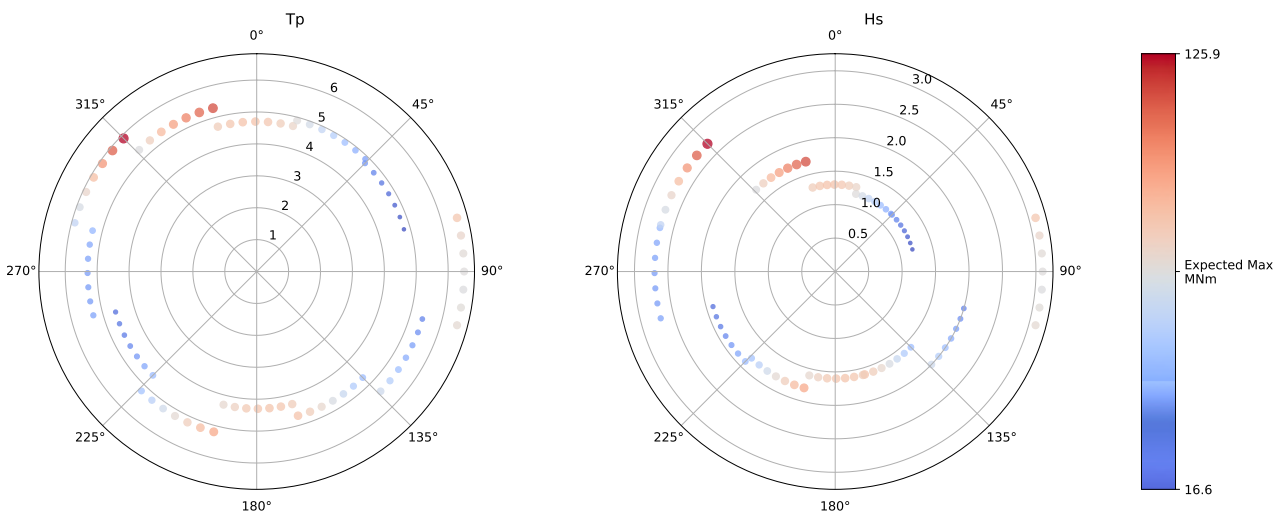
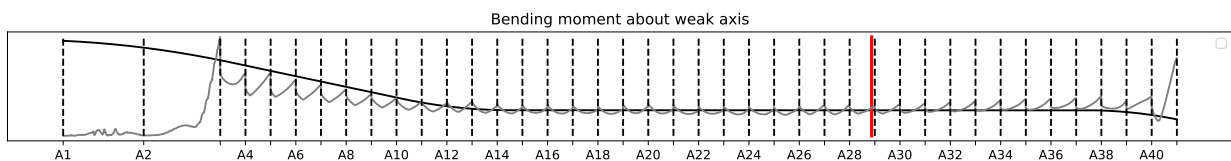
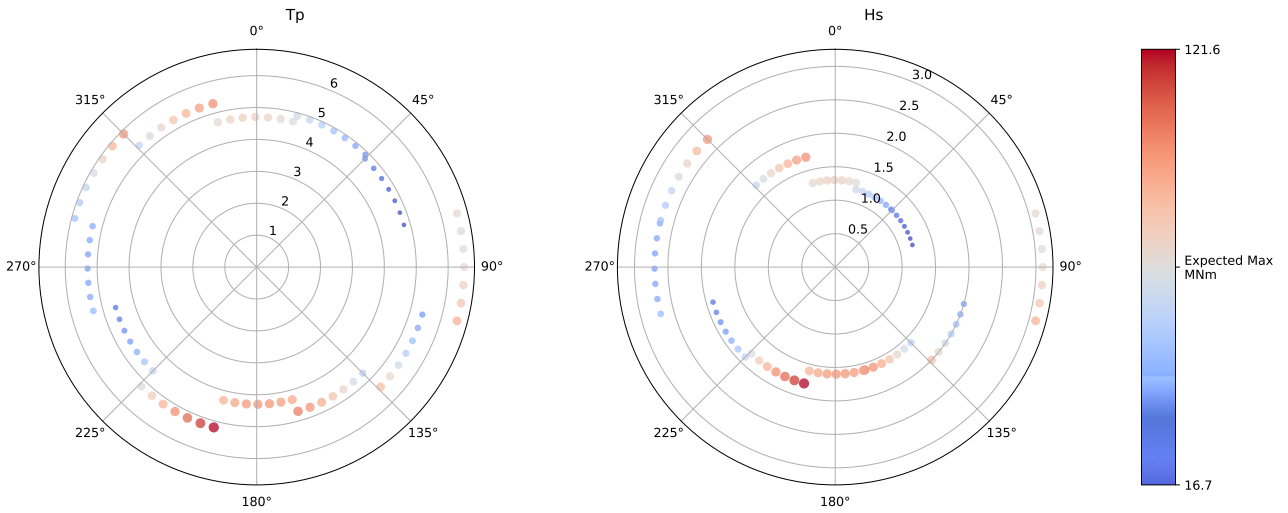
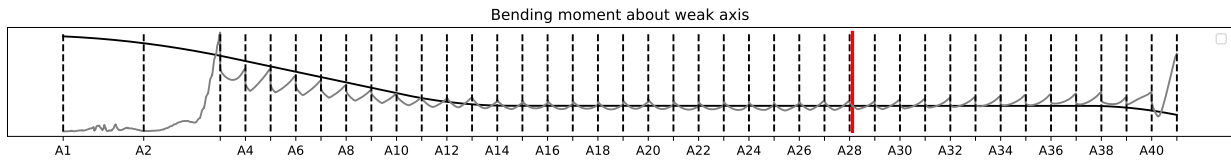


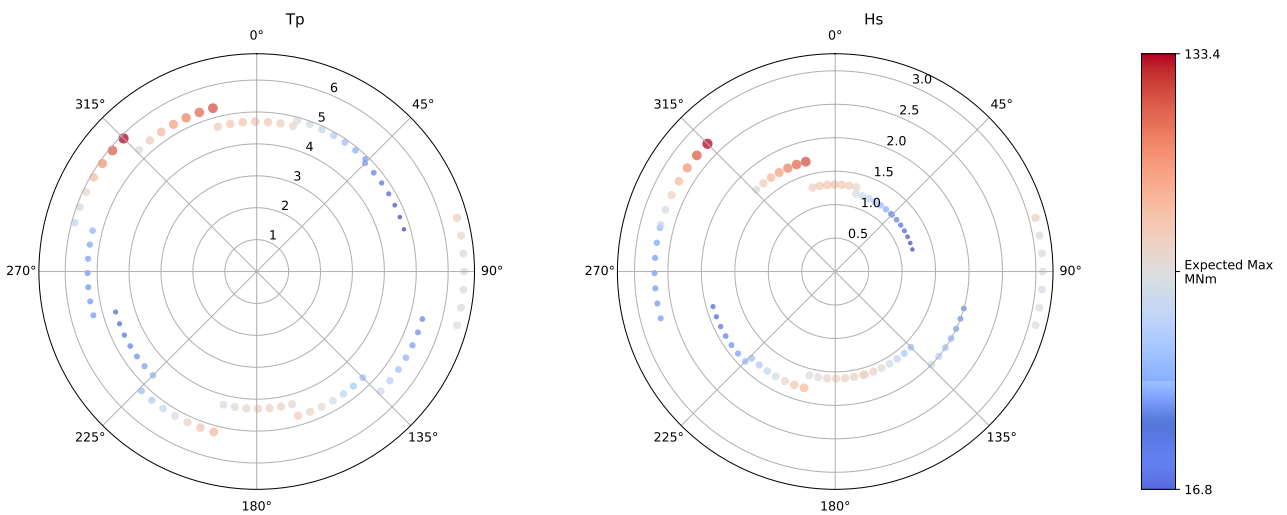
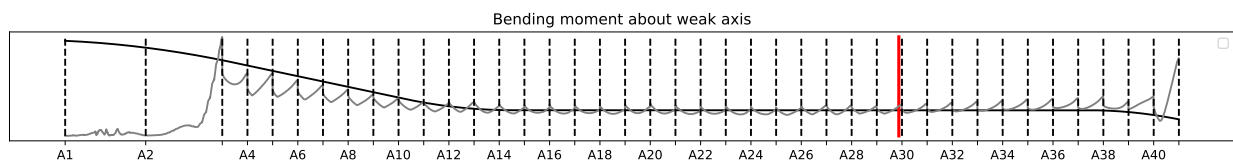
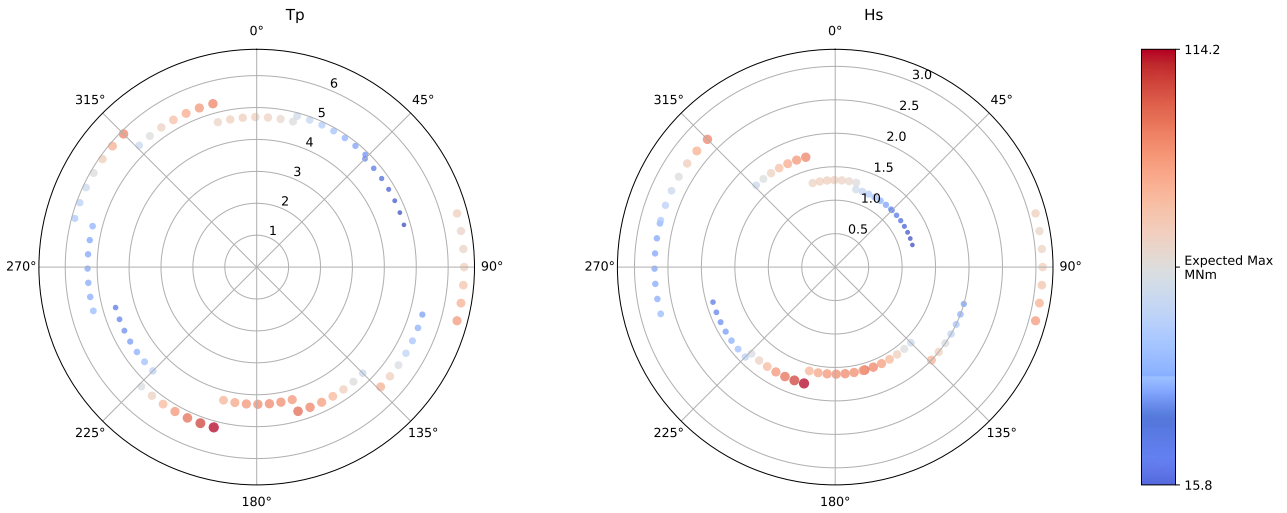
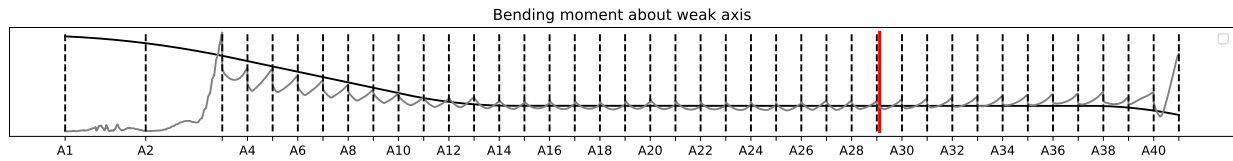




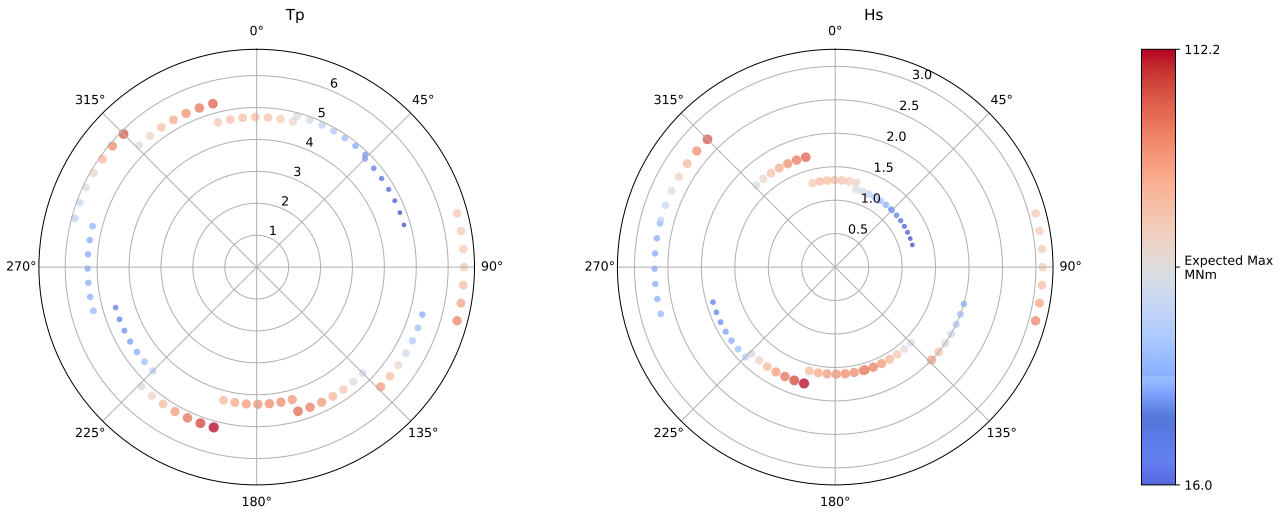
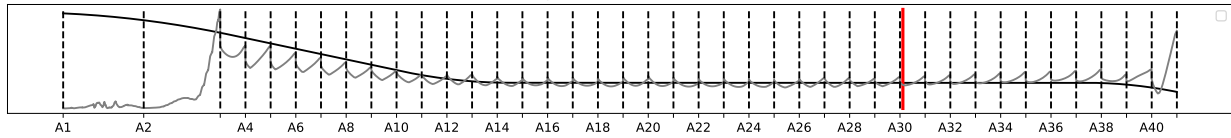




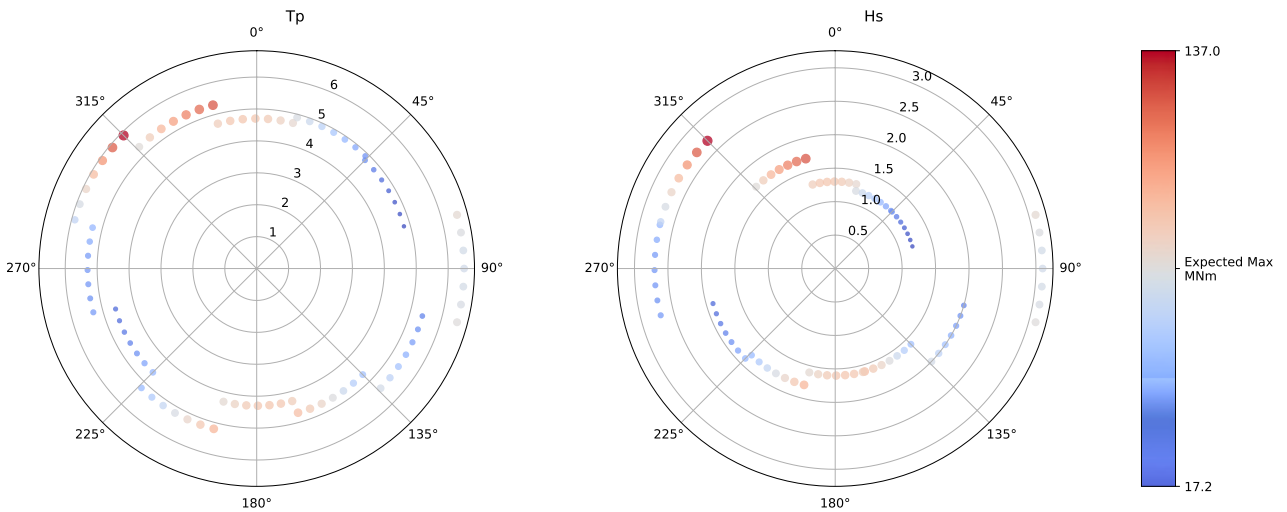
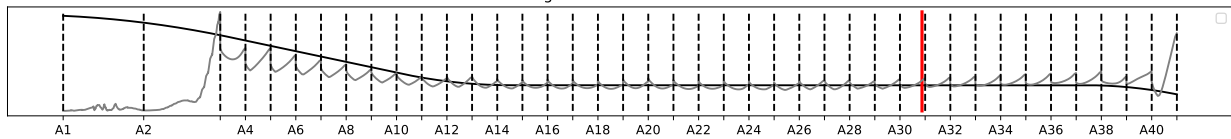


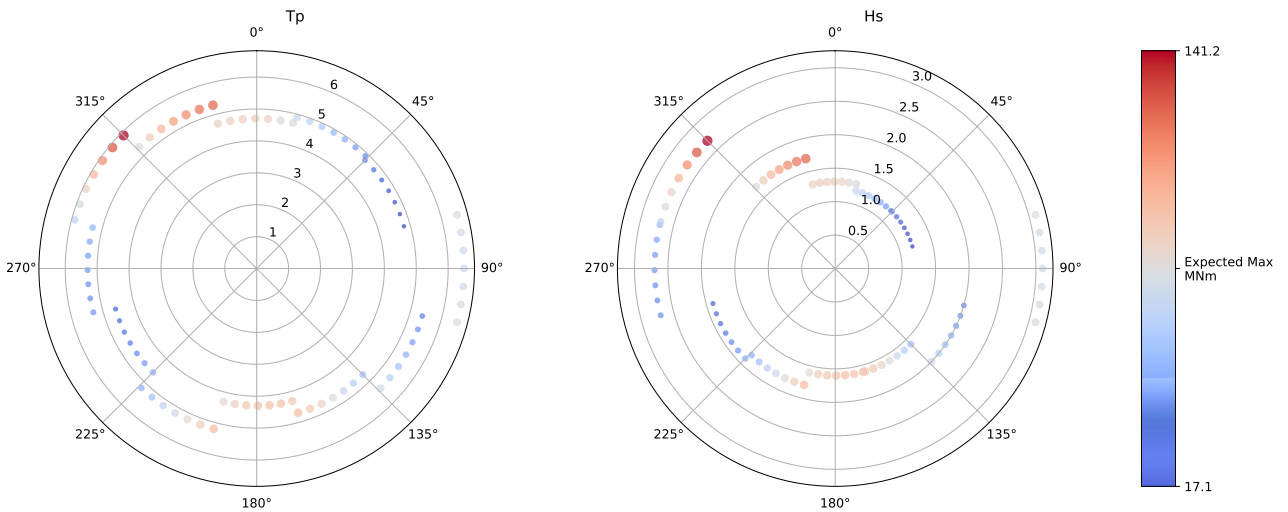
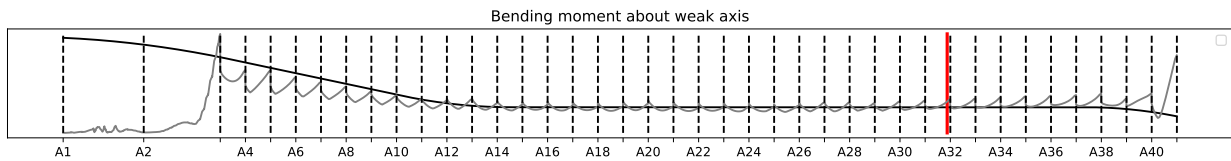
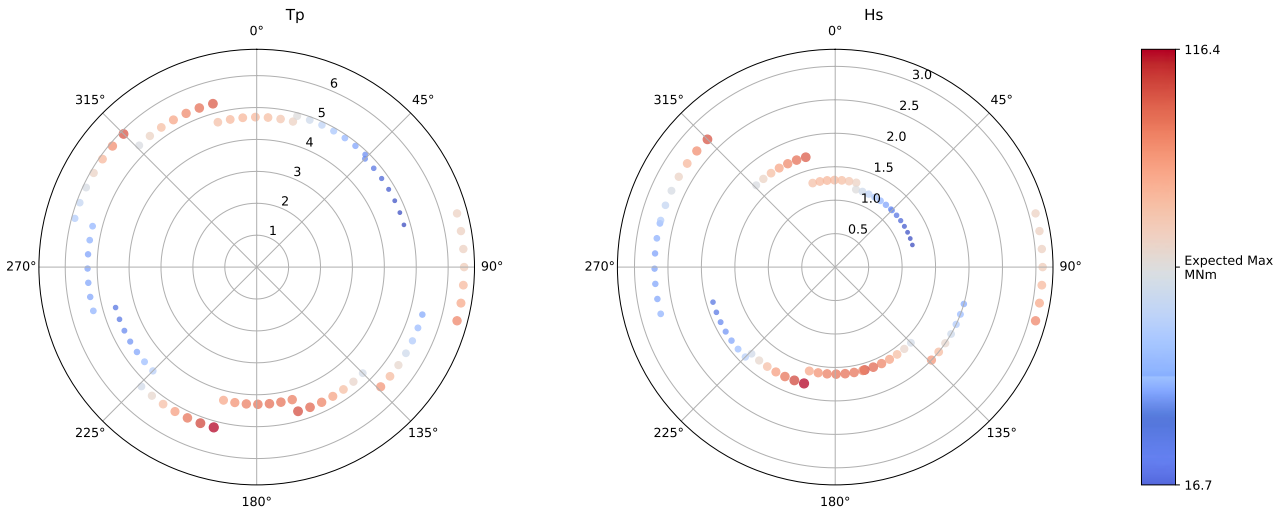
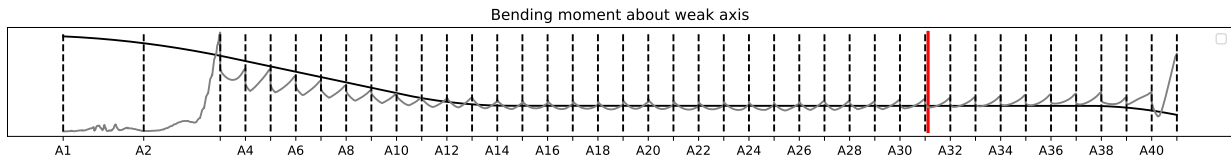


Bending moment about weak axis

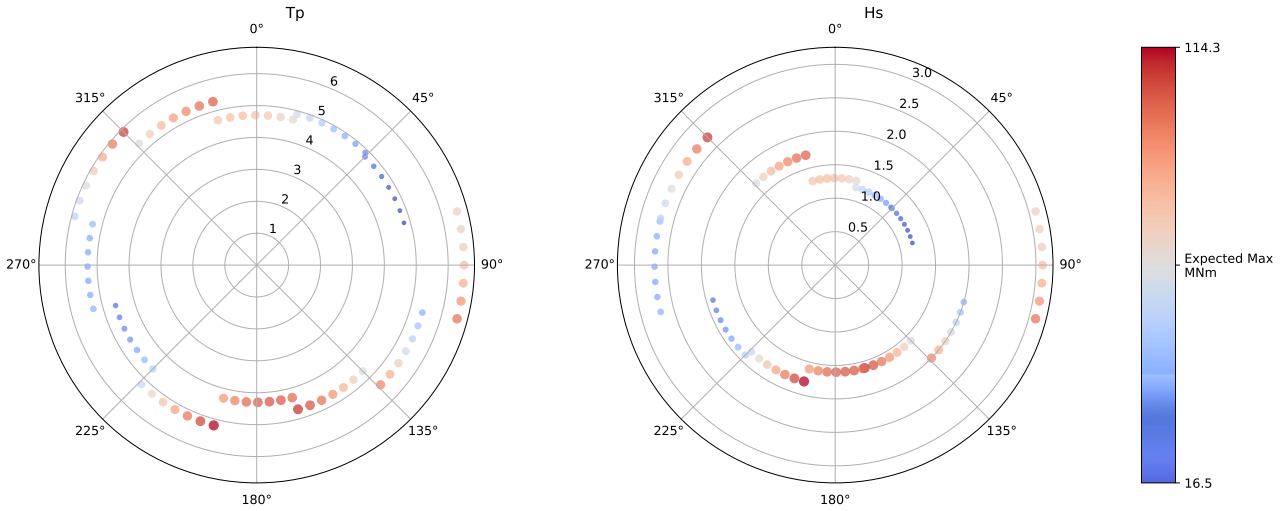
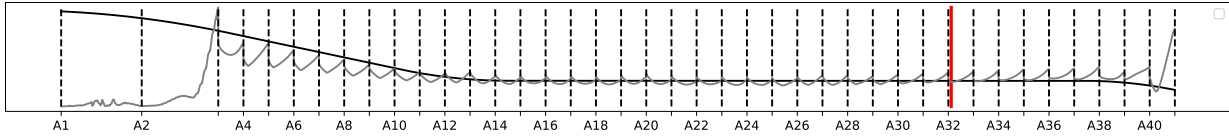


Bending moment about weak axis

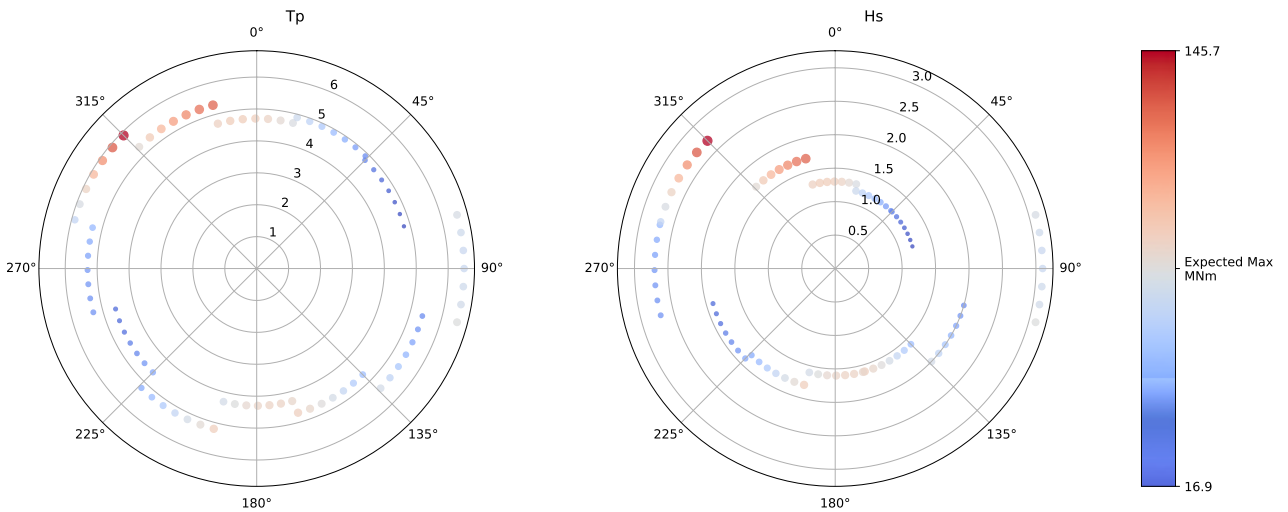
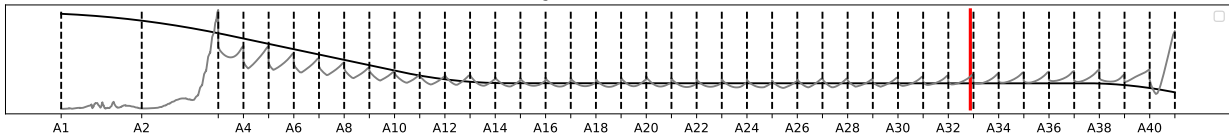




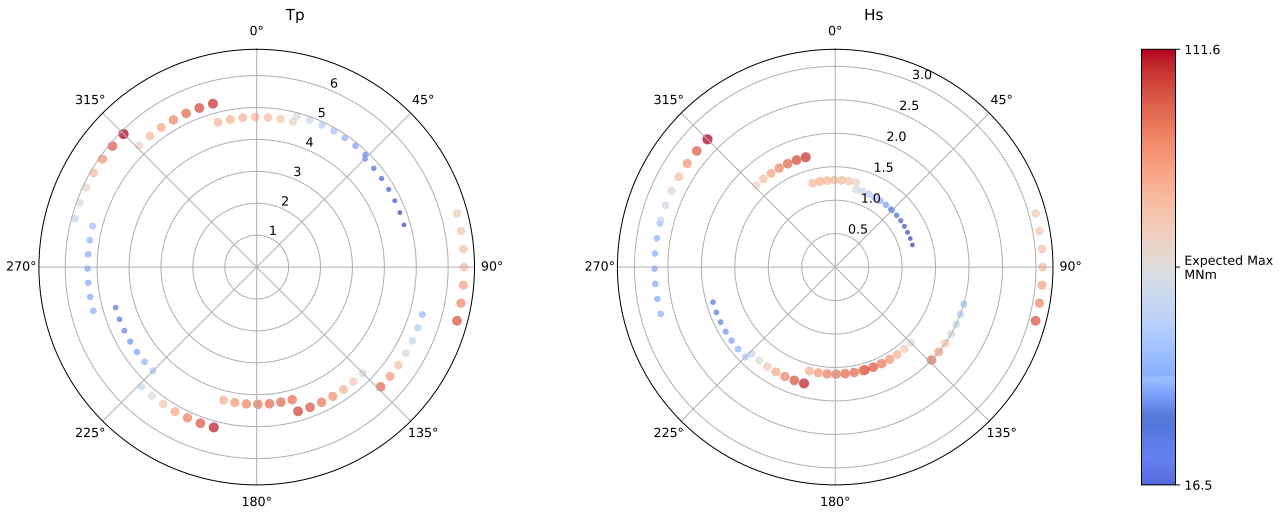
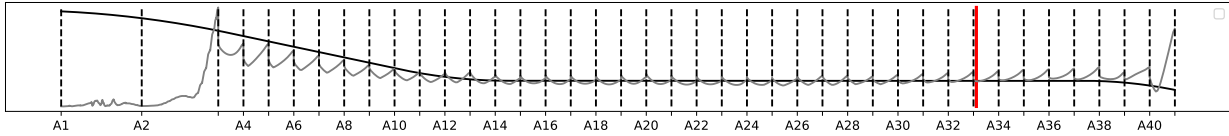
Bending moment about weak axis



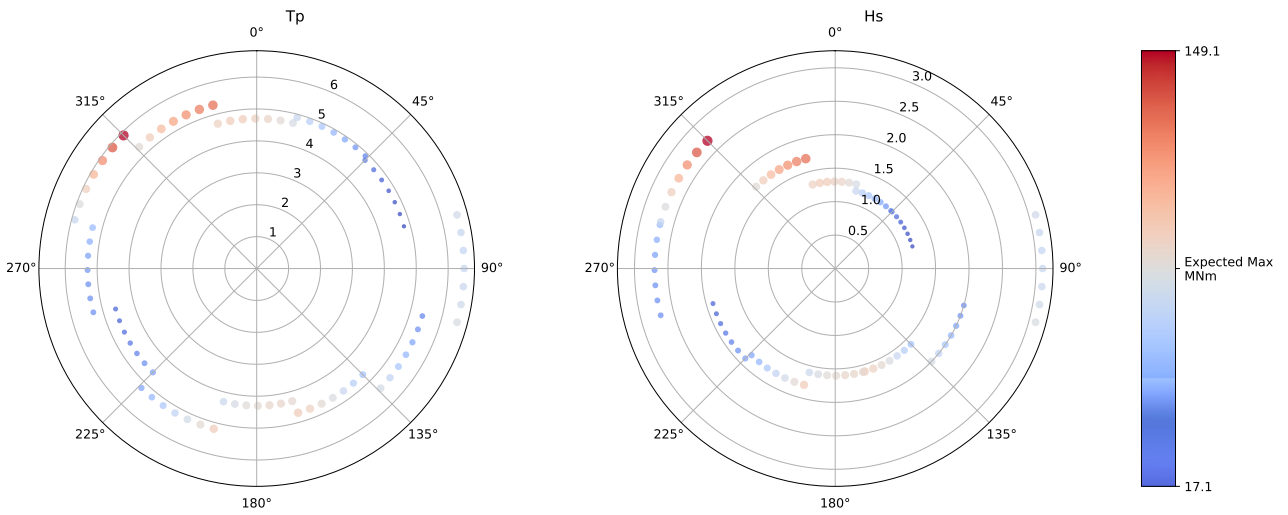
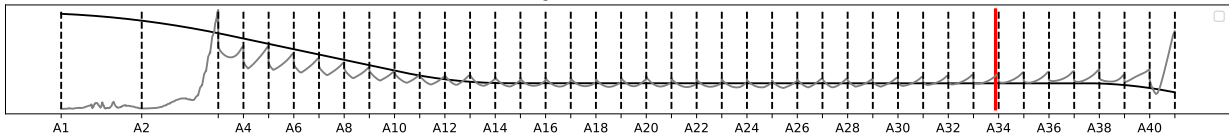
Bending moment about weak axis



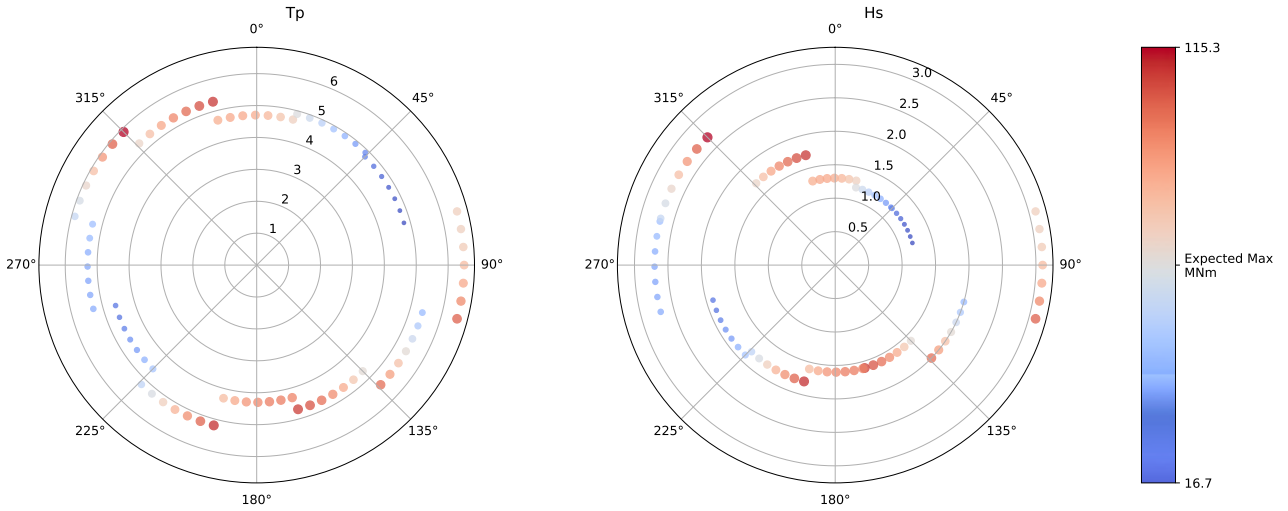
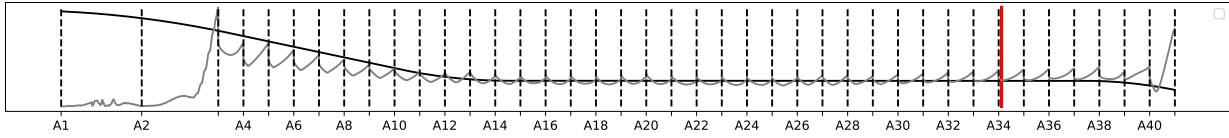
Bending moment about weak axis



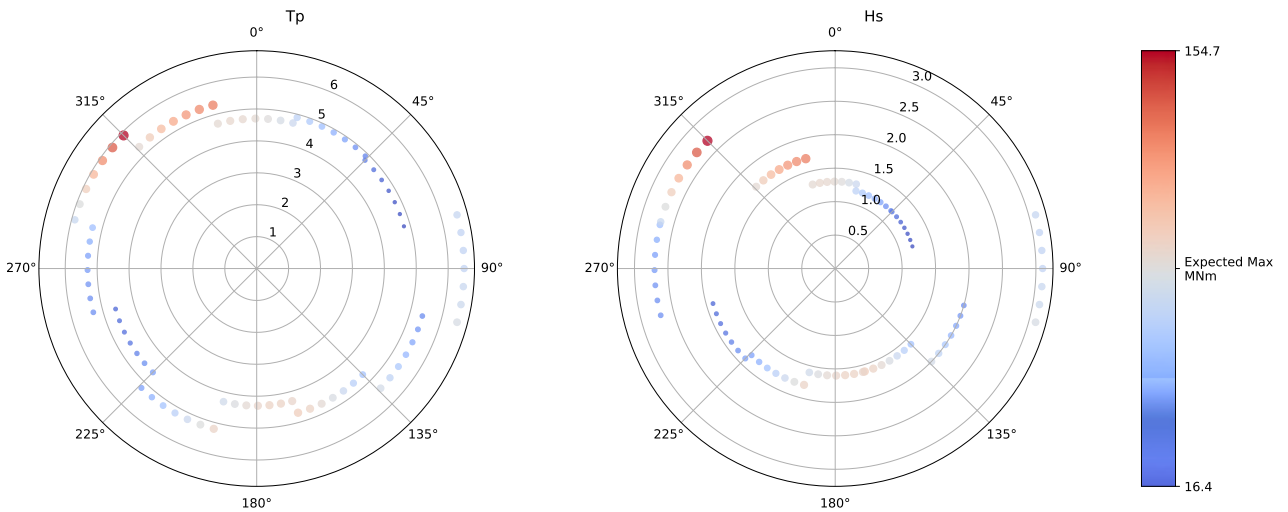
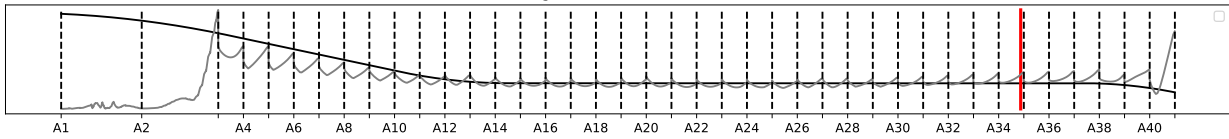
Bending moment about weak axis



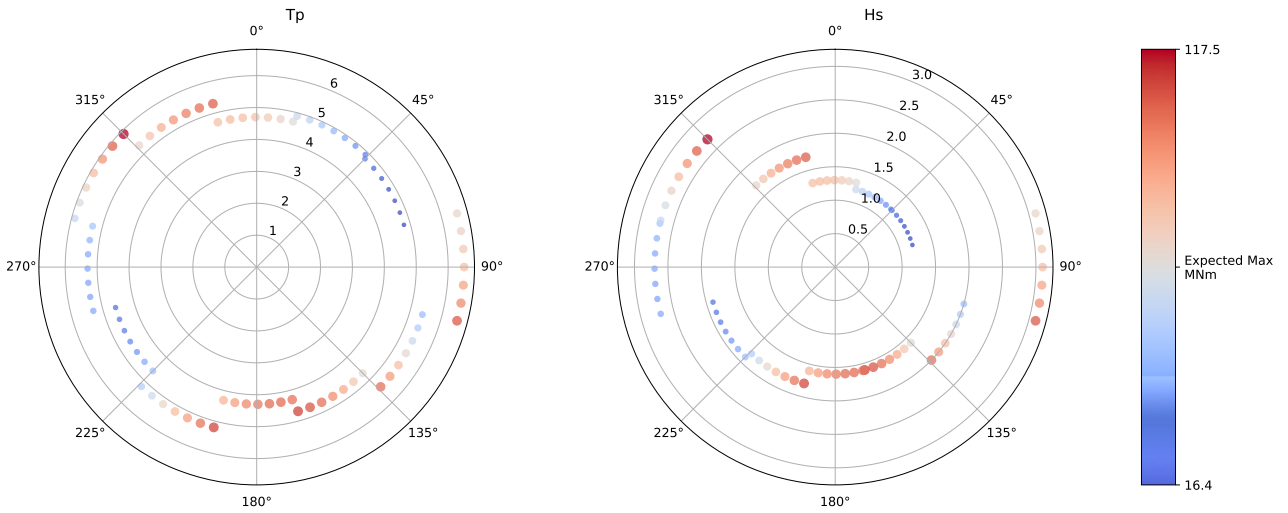
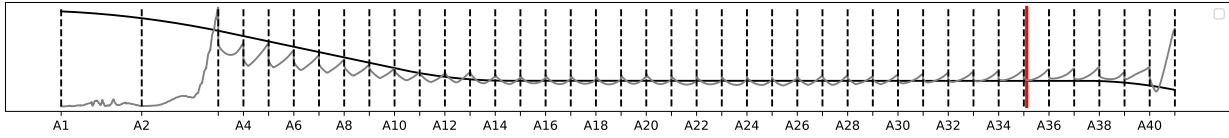
Bending moment about weak axis



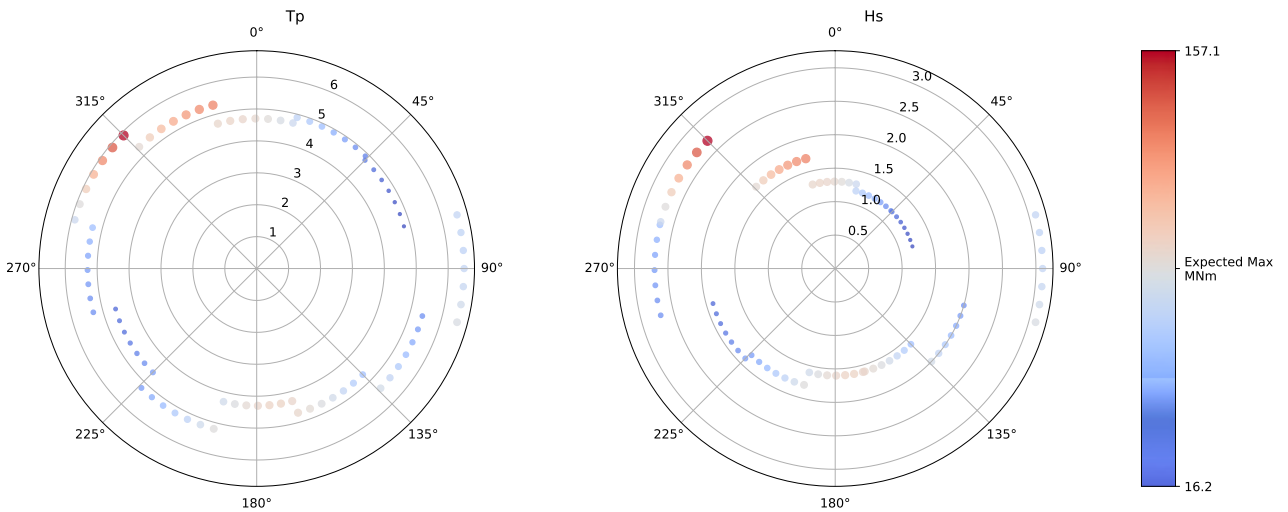
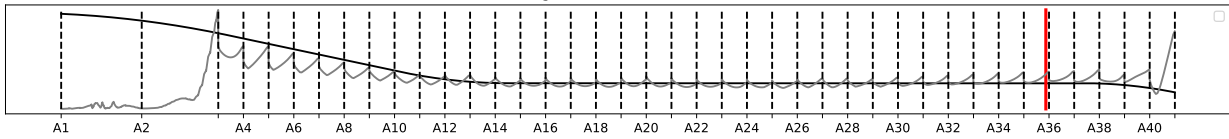
Bending moment about weak axis

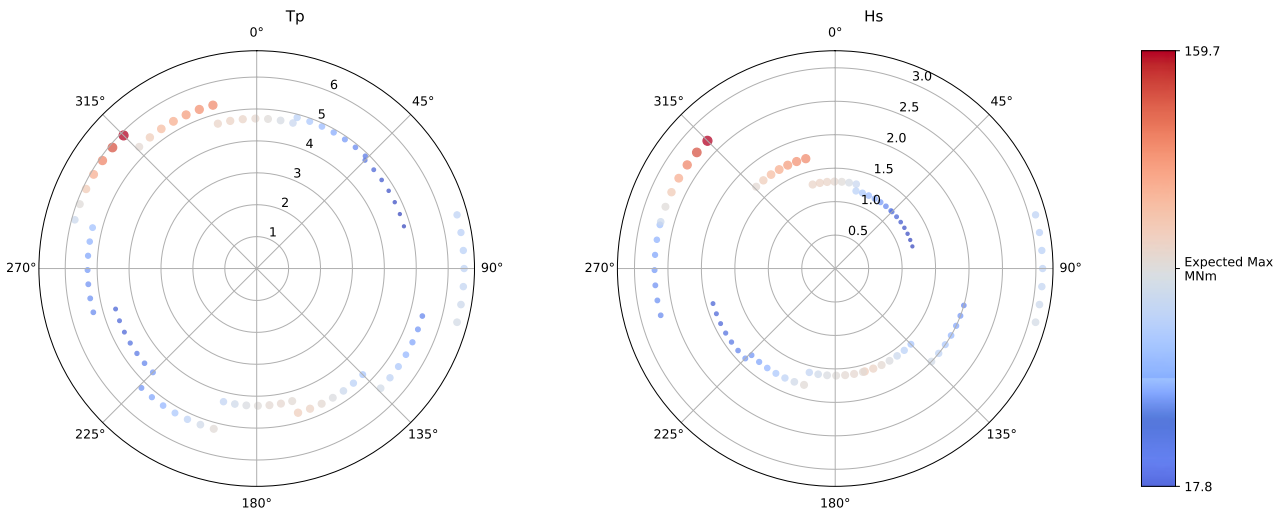
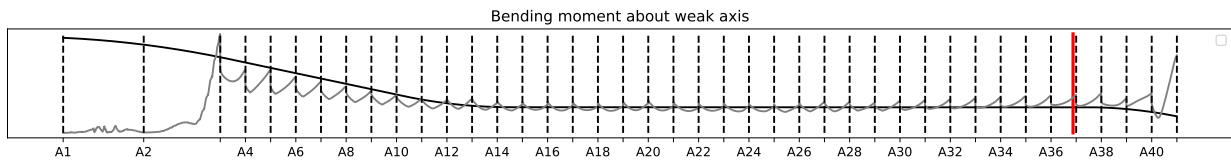
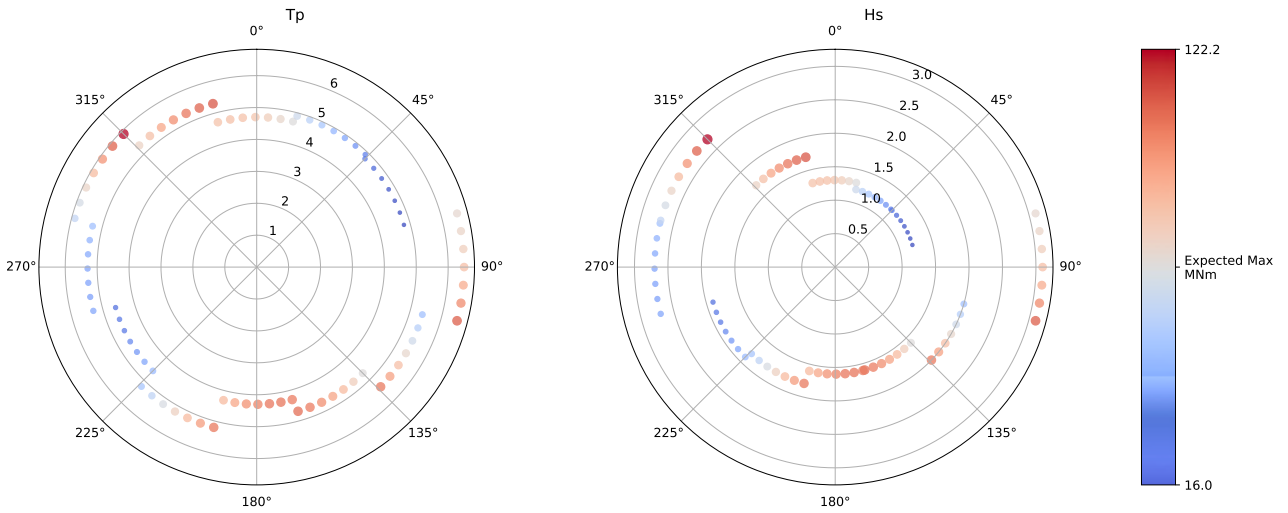
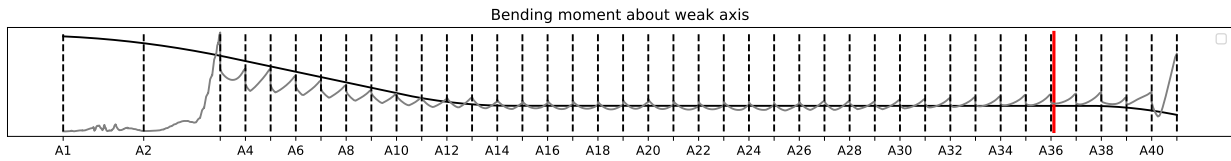


Bending moment about weak axis

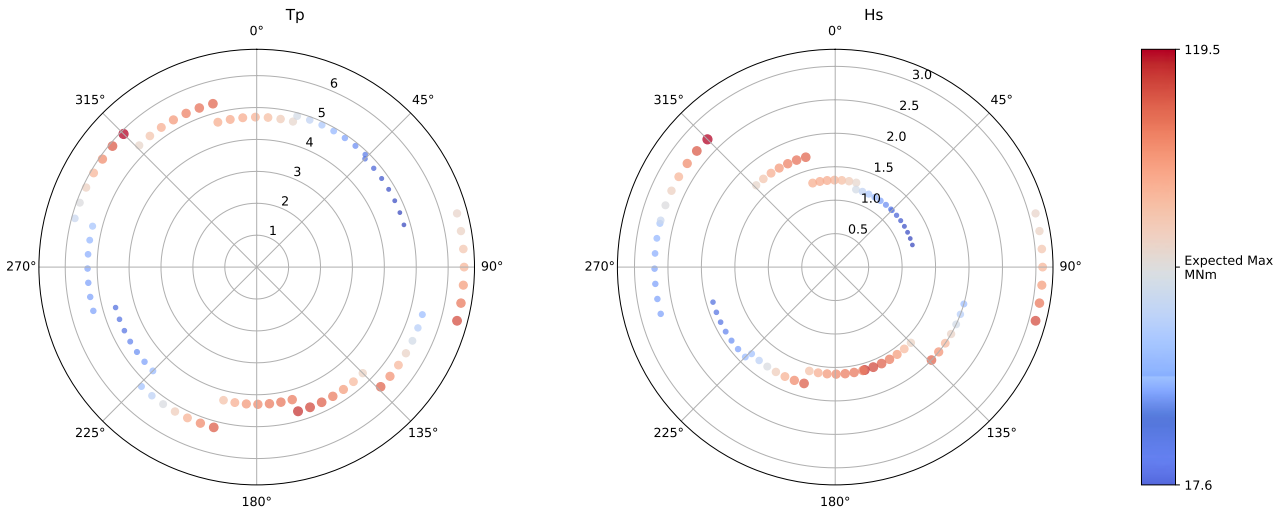
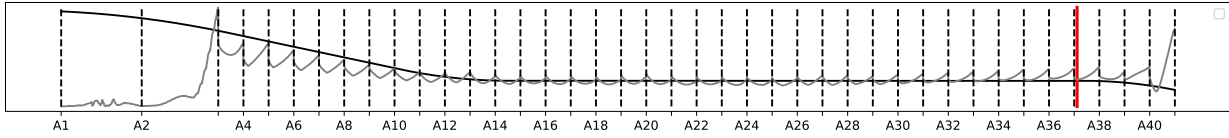


Bending moment about weak axis

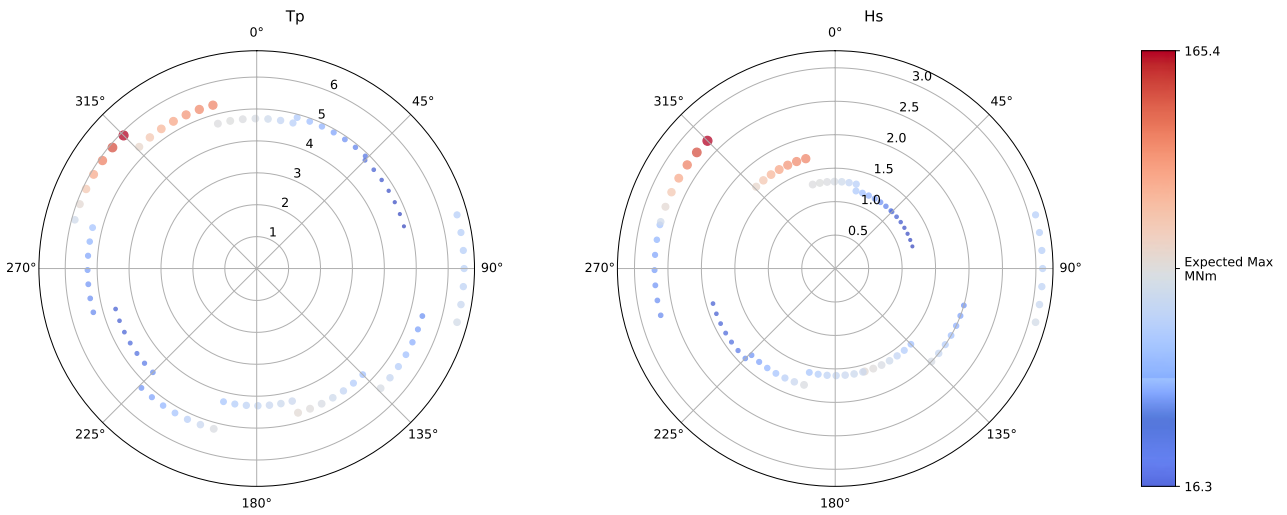
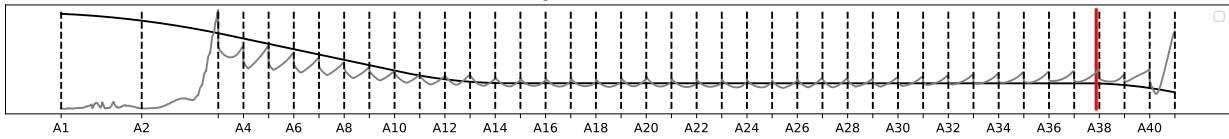




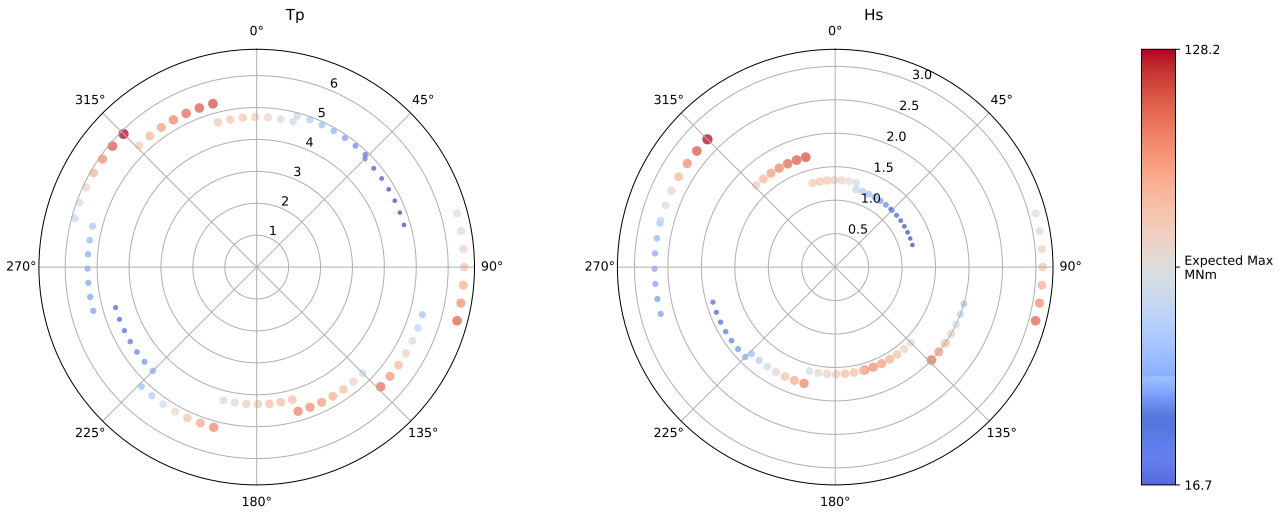
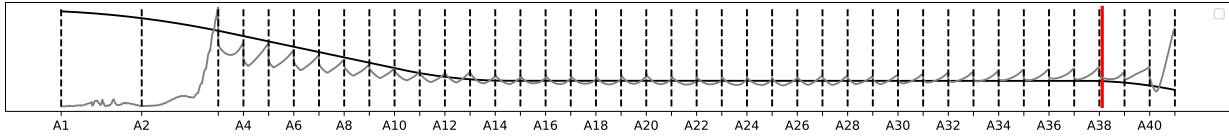
Bending moment about weak axis



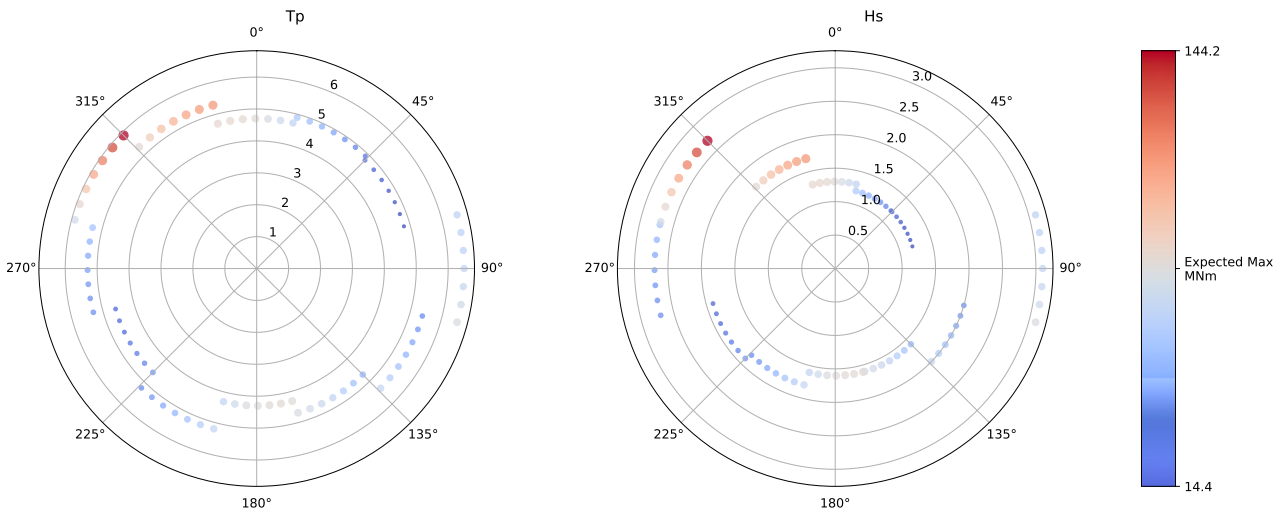
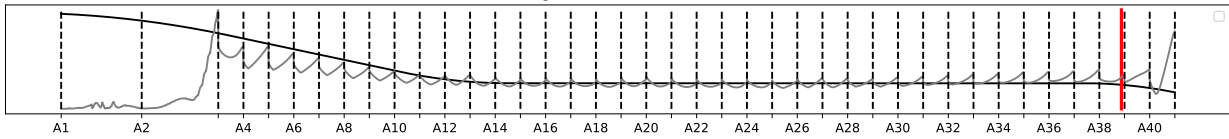
Bending moment about weak axis



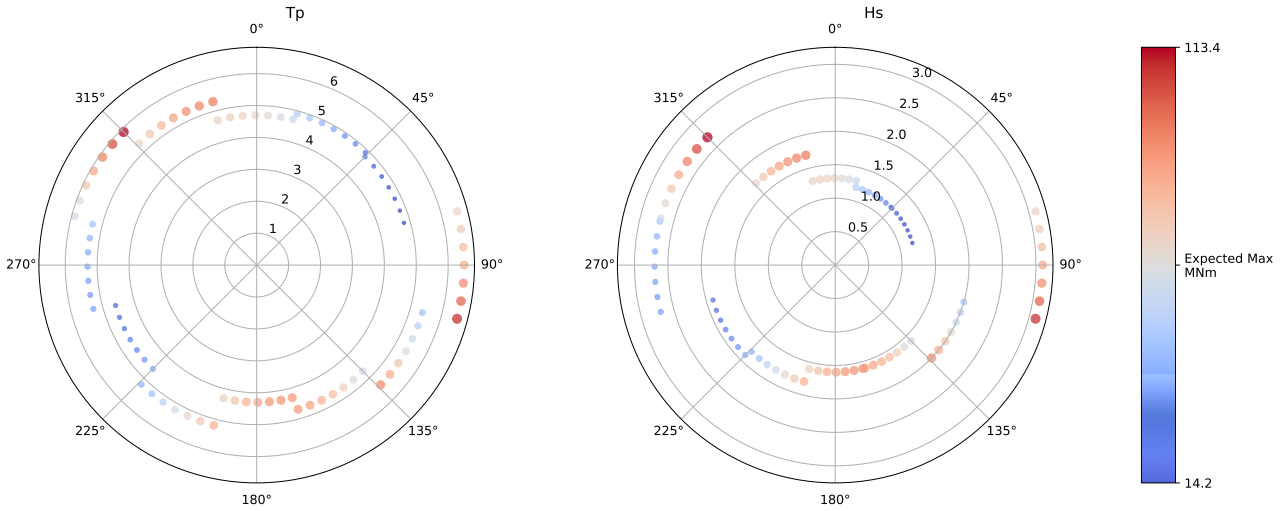
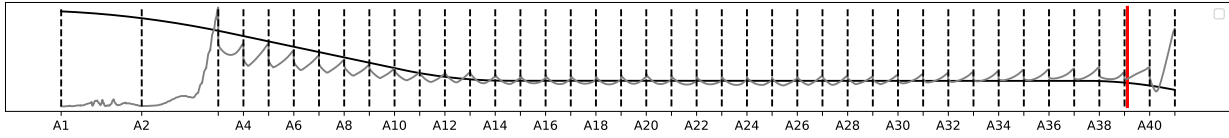
Bending moment about weak axis



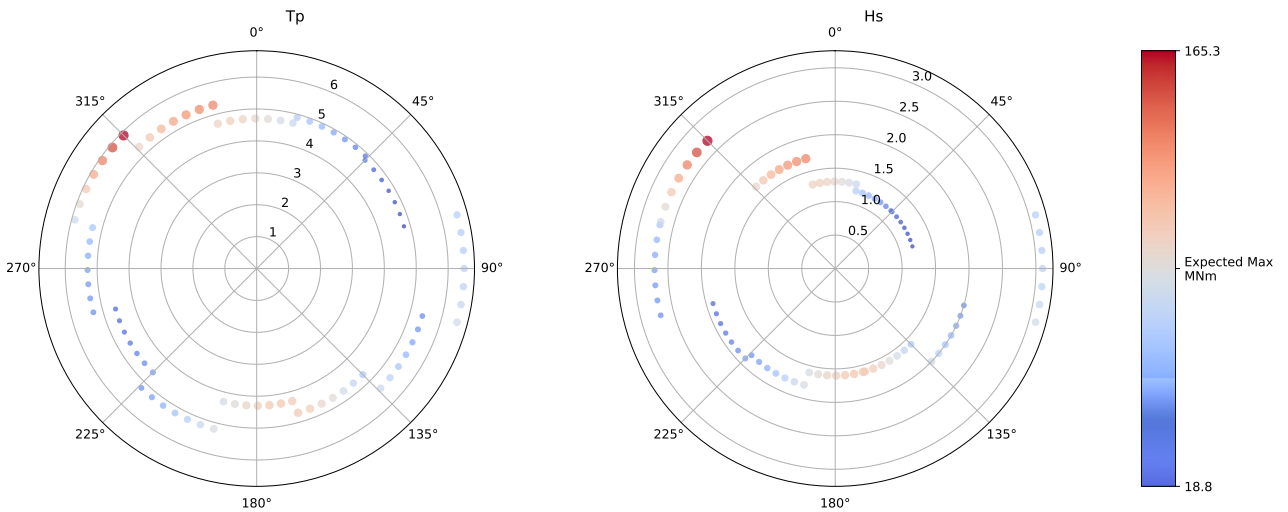
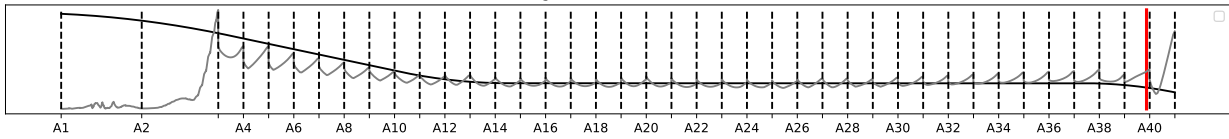
Bending moment about weak axis

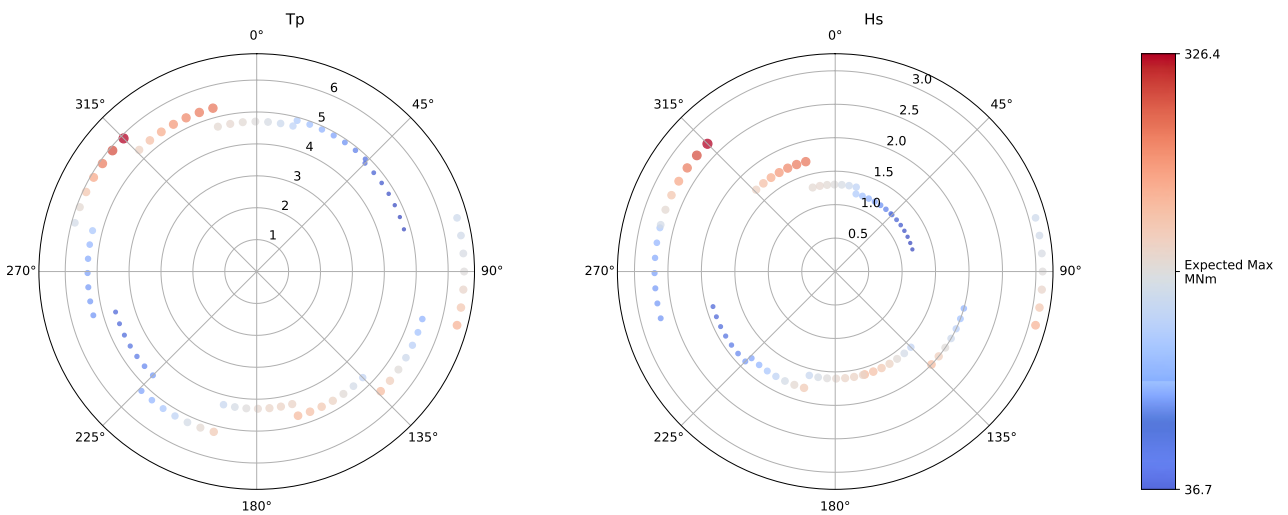
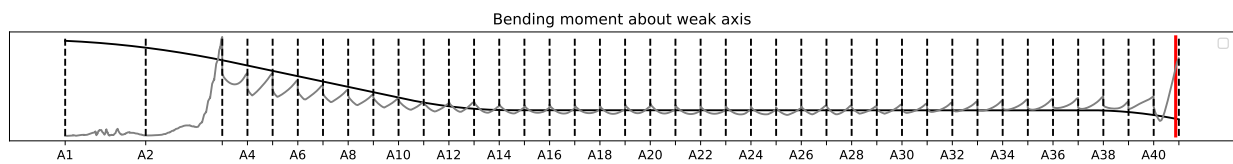
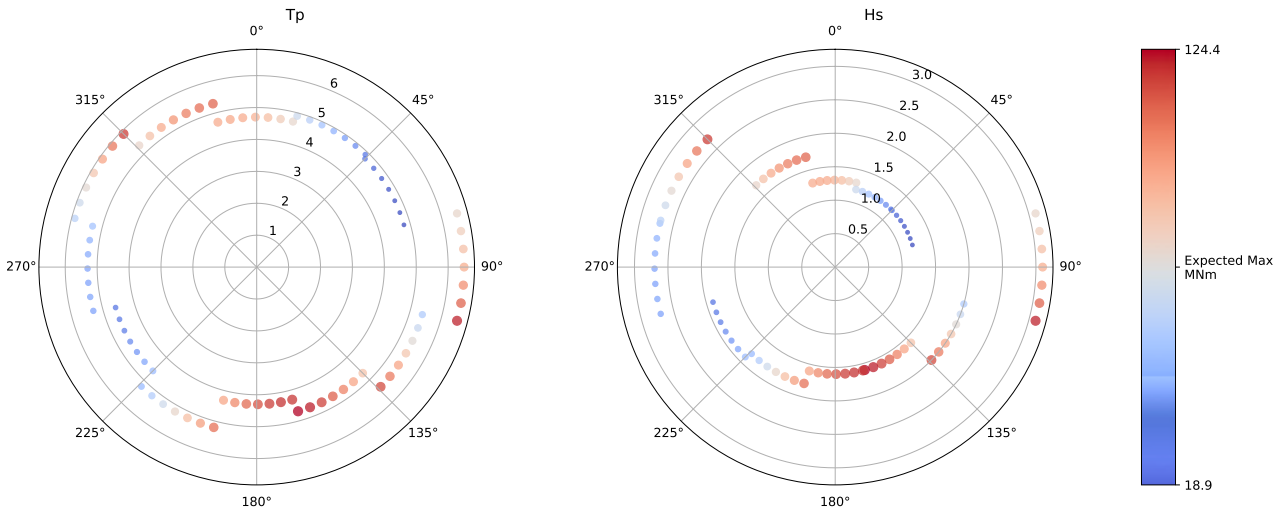
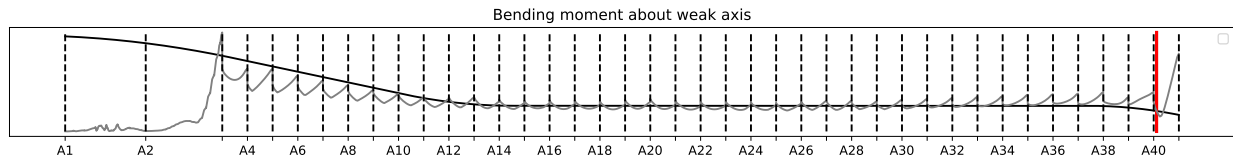


Bending moment about weak axis

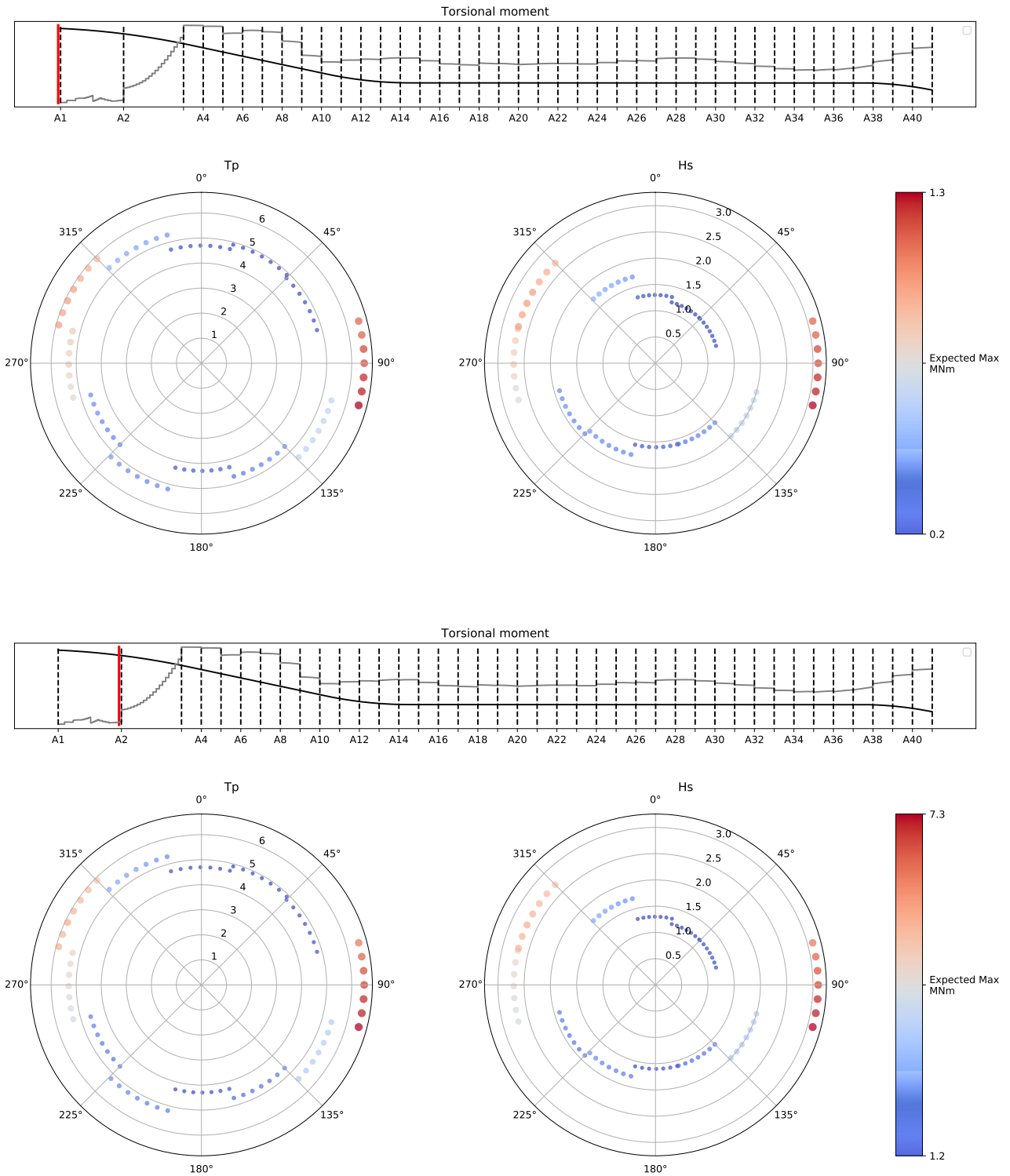


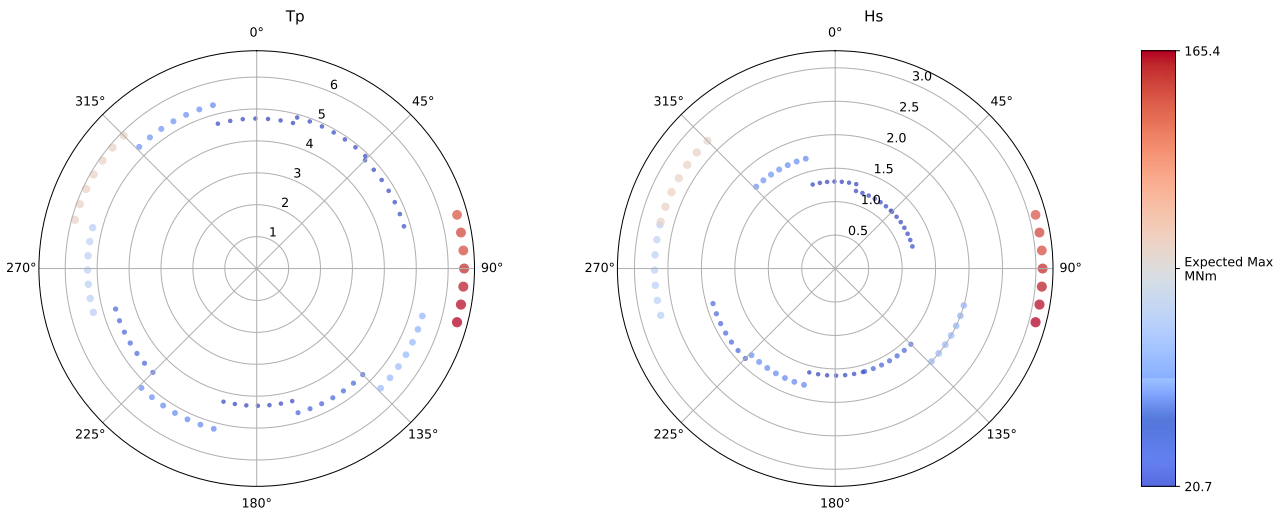
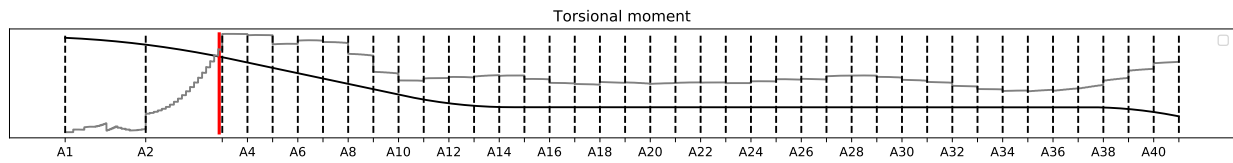
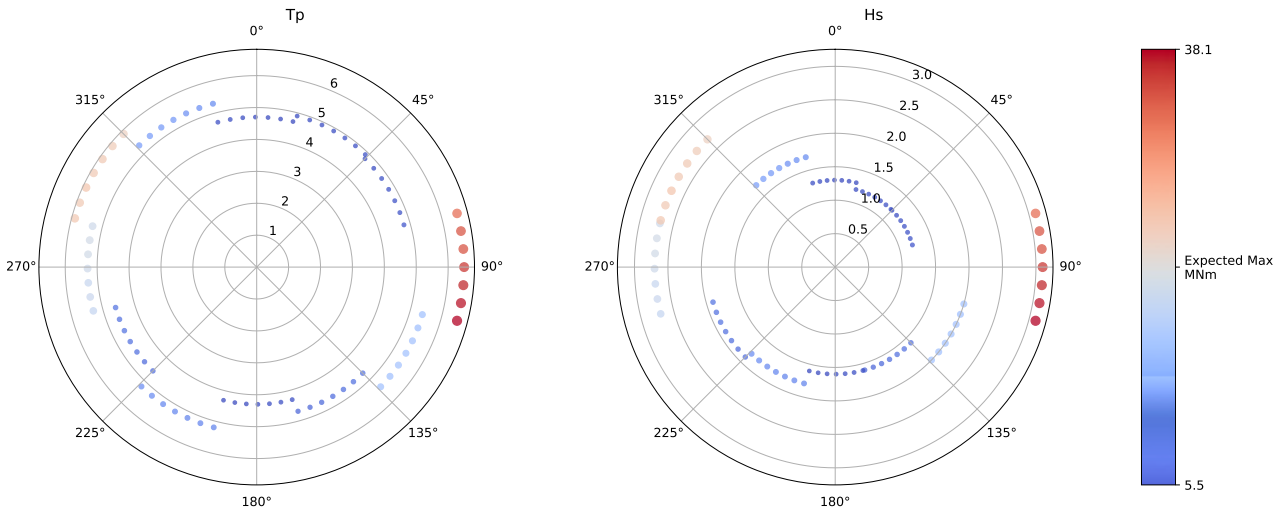
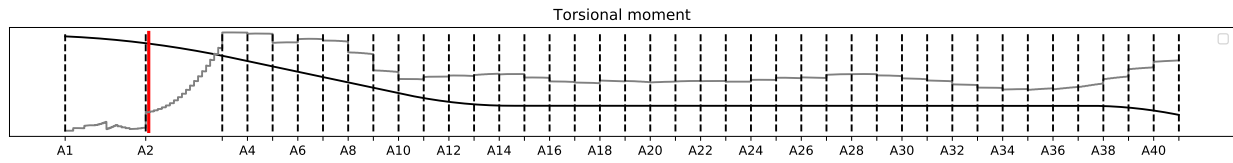
Bending moment about weak axis

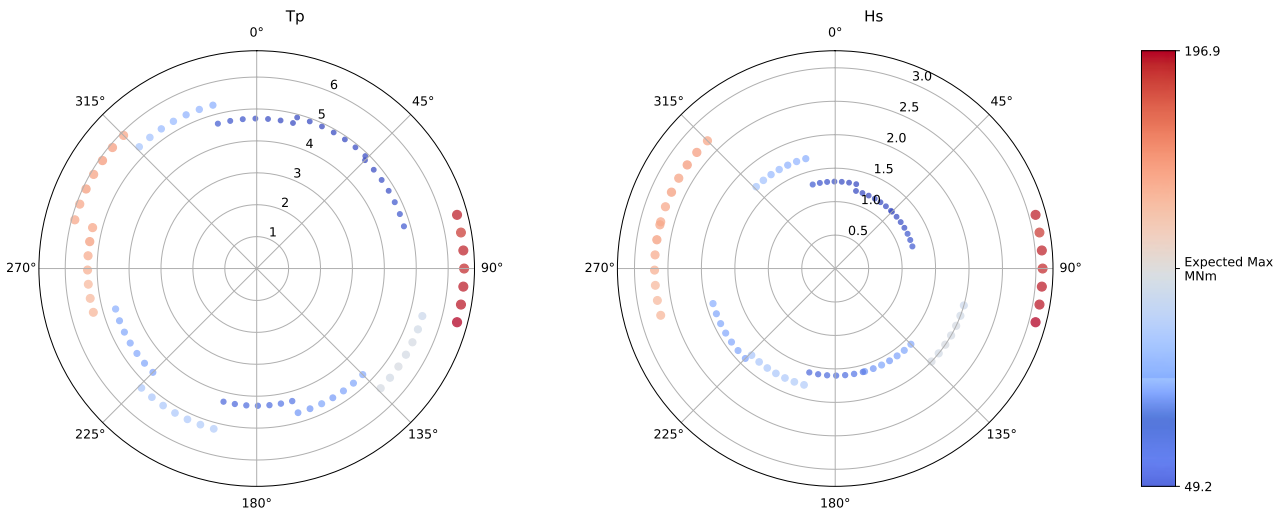
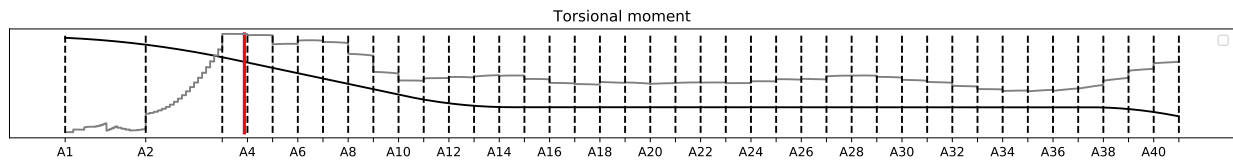
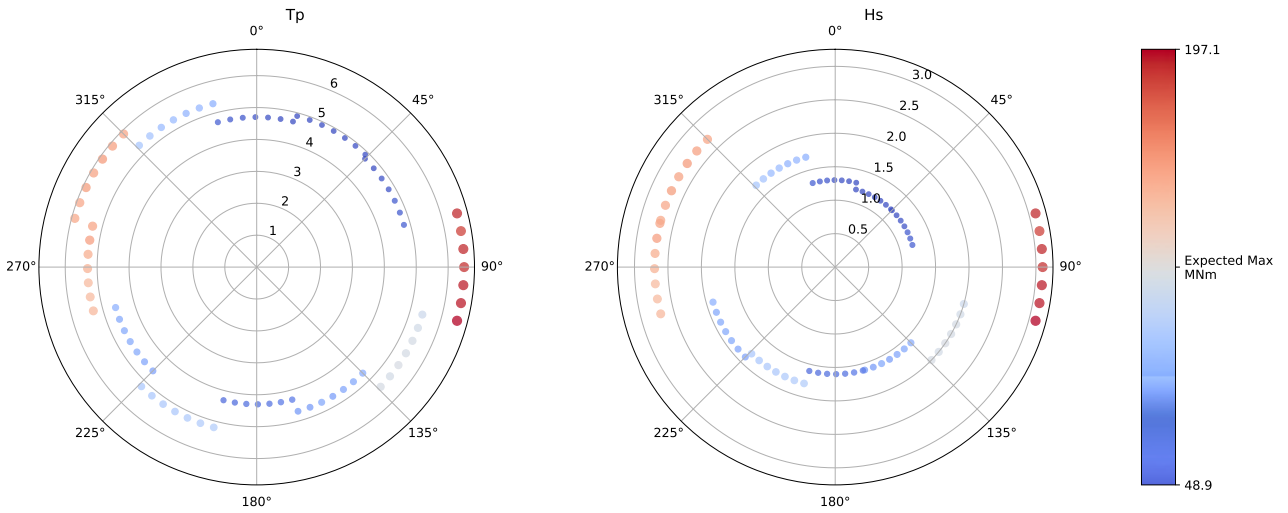
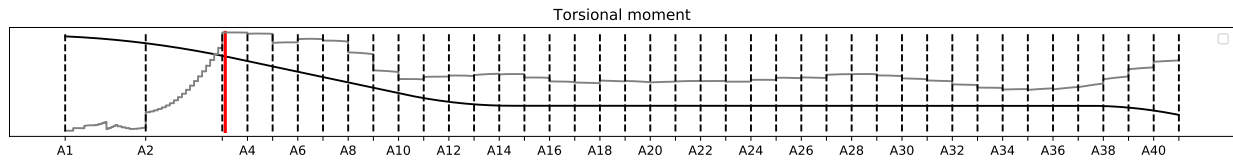


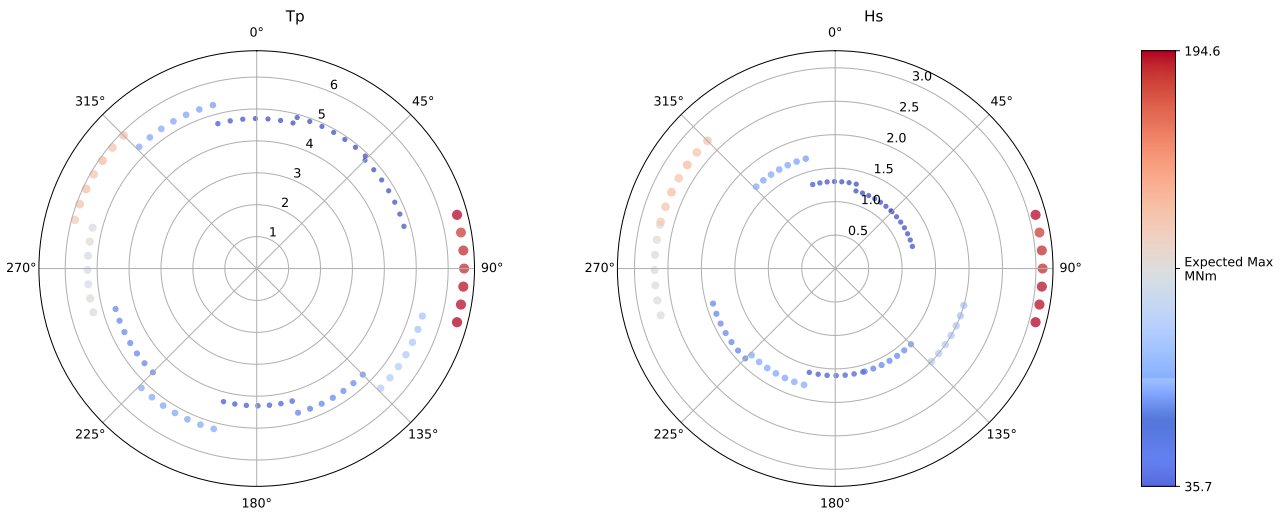
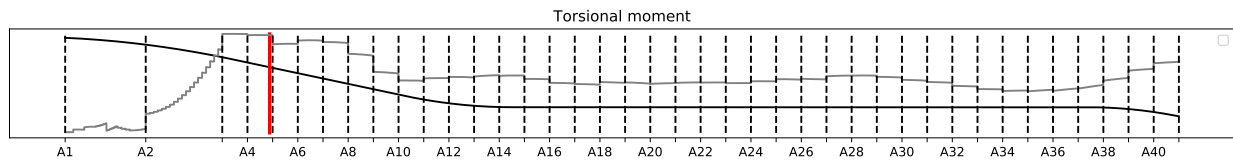
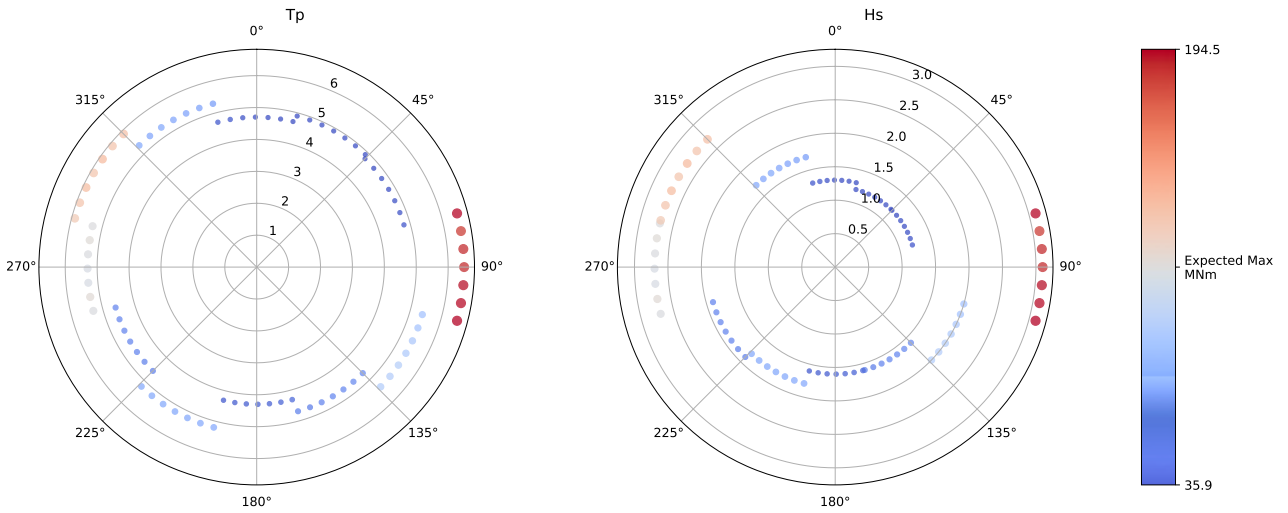
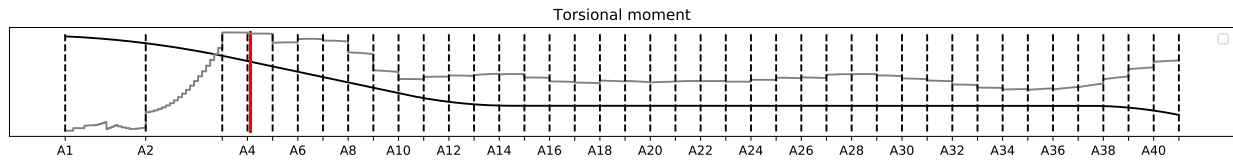


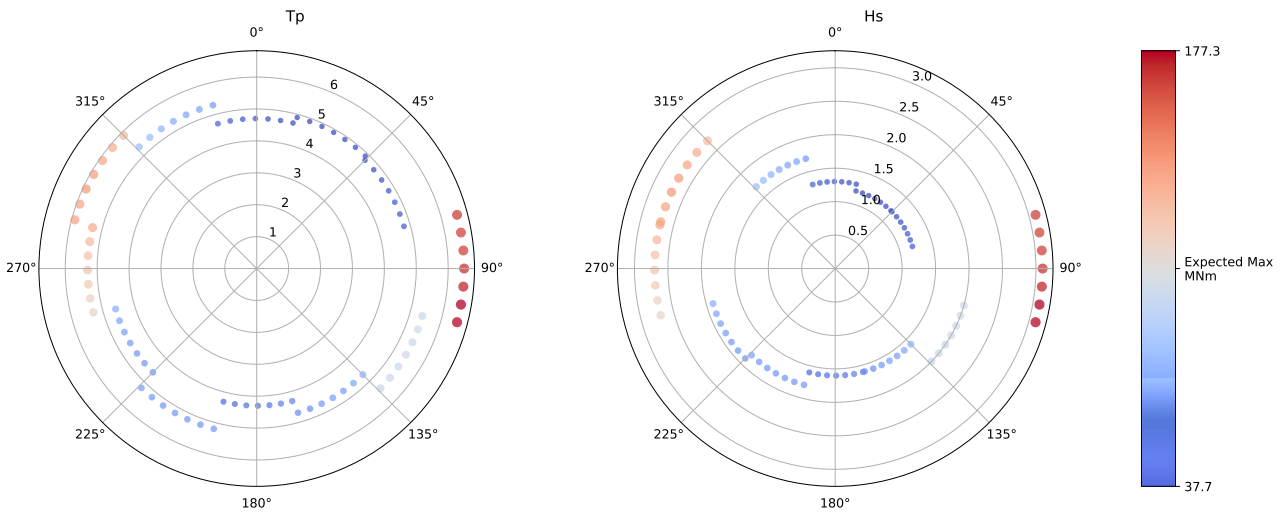
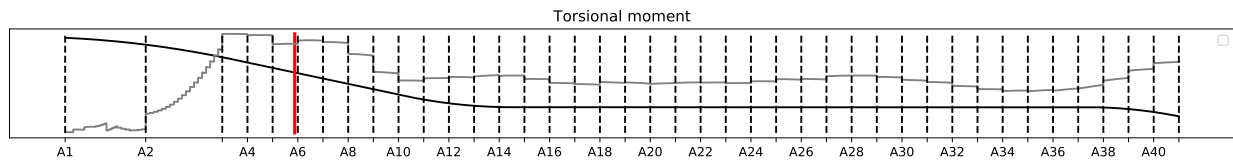
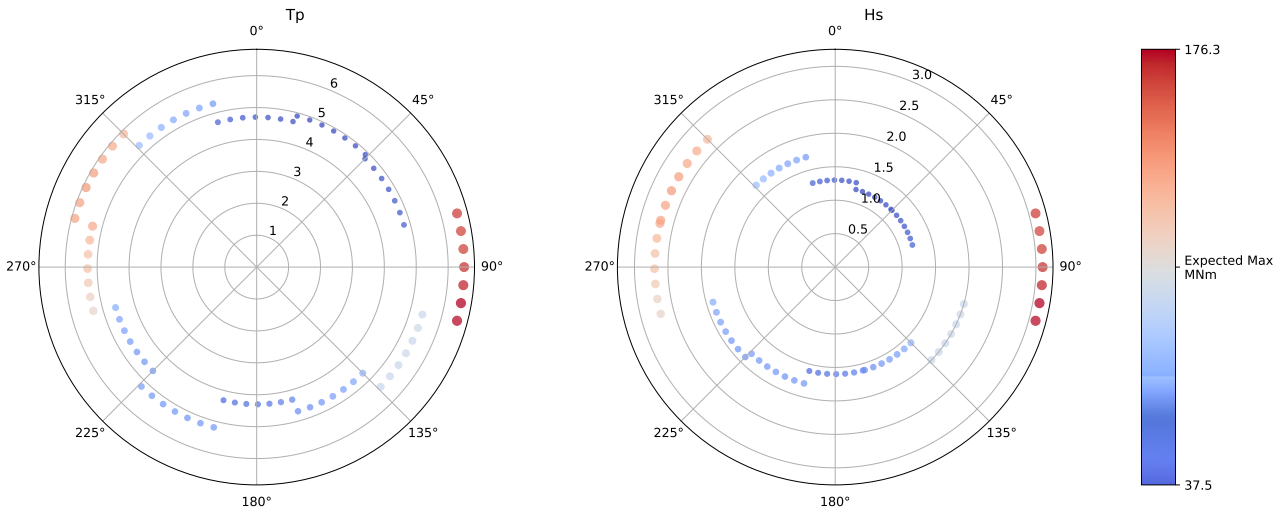
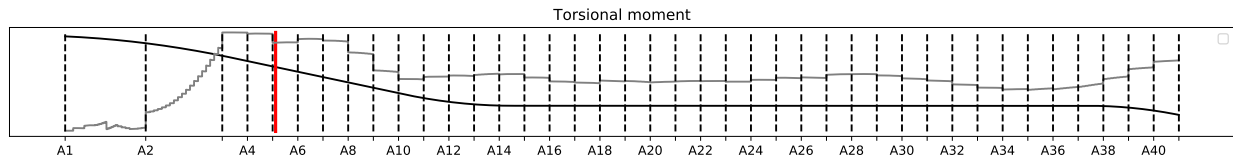
4 Bridge girder Torsional moment

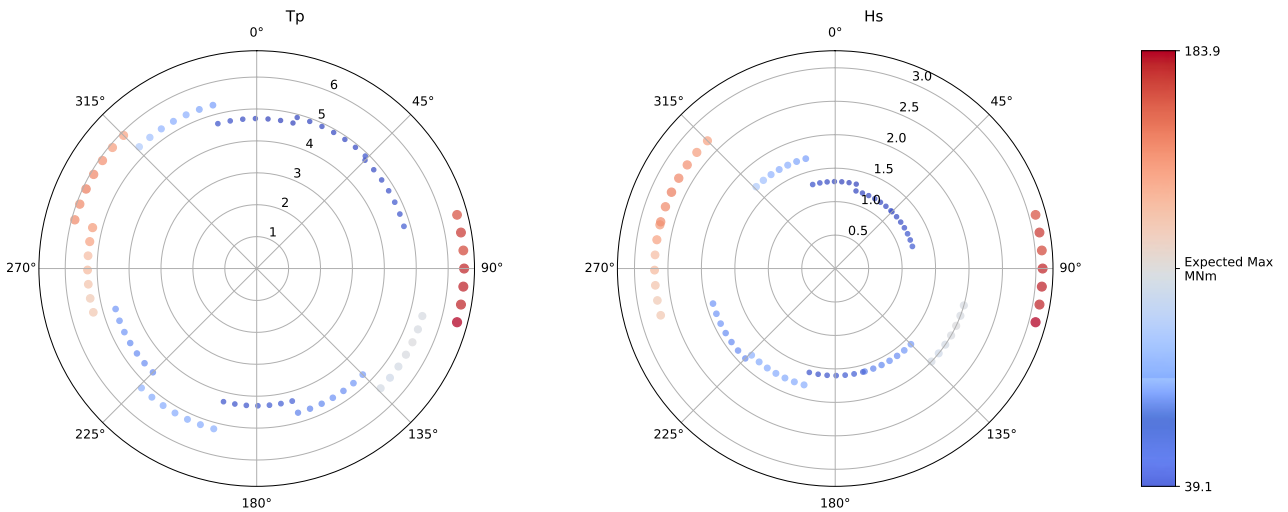
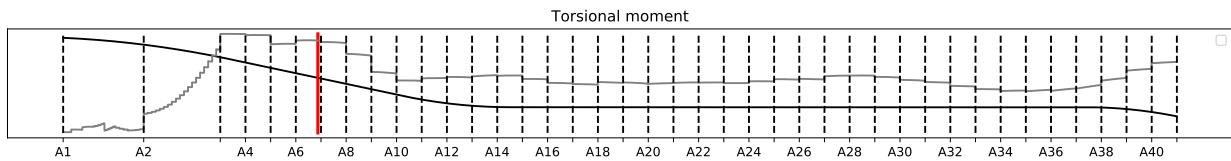
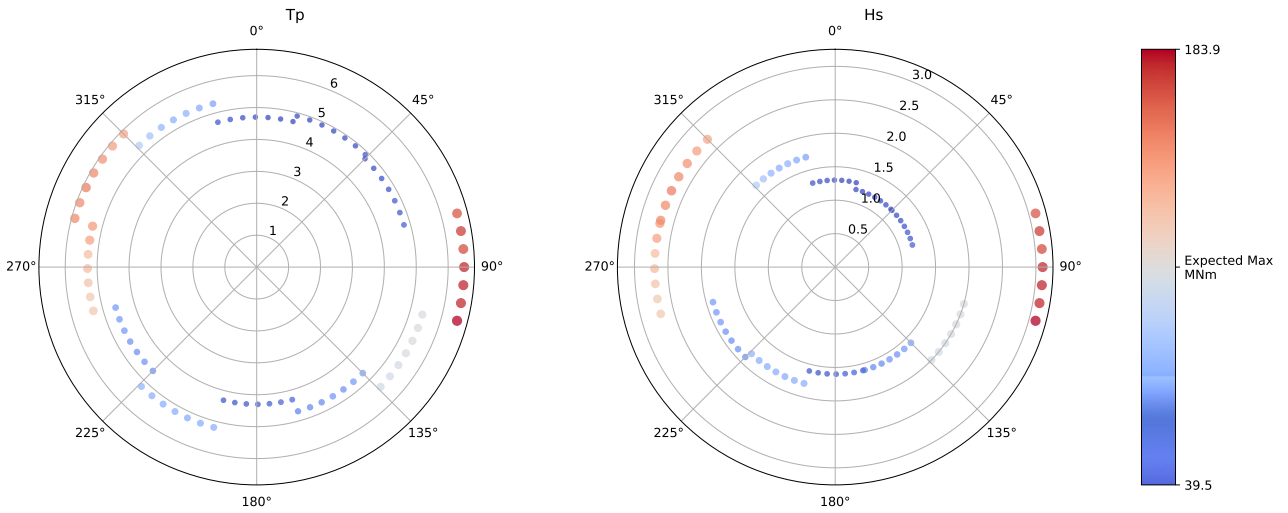
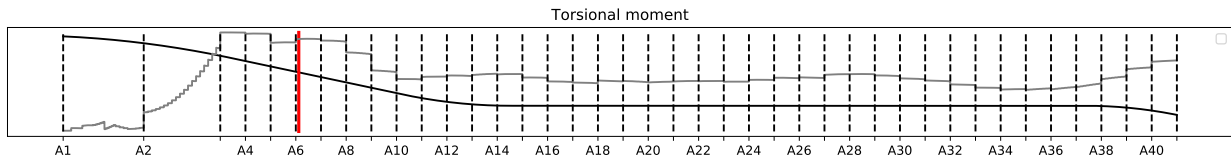


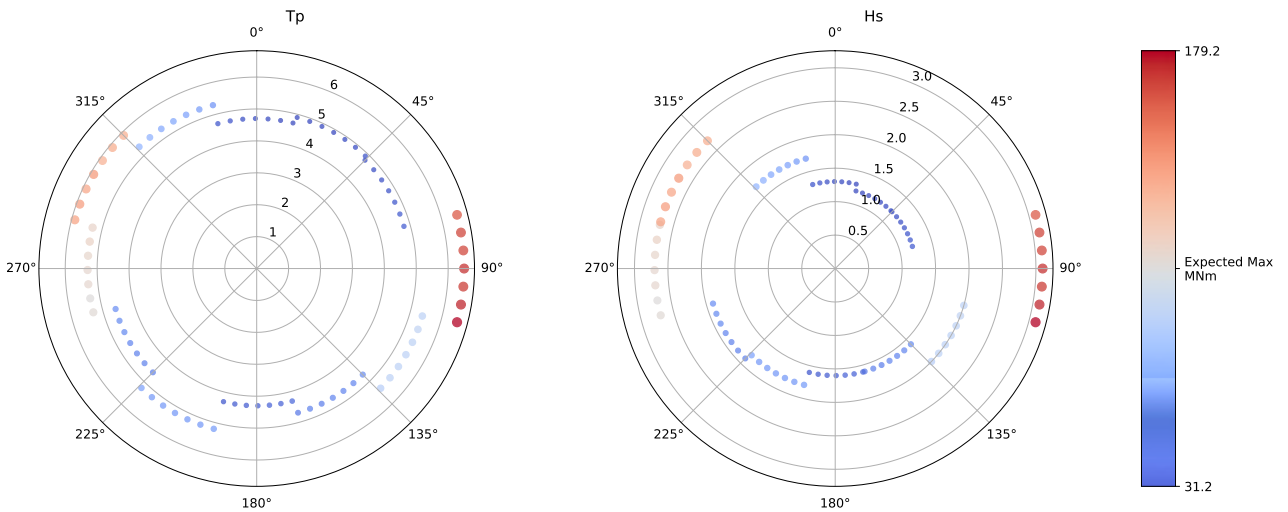
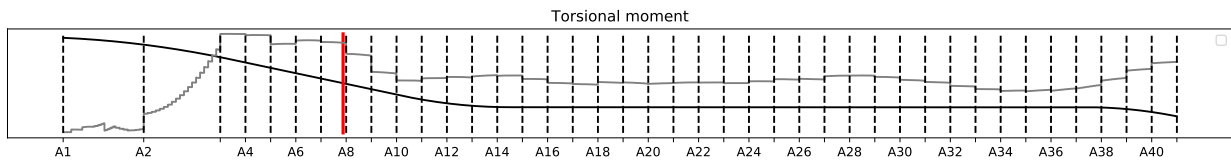
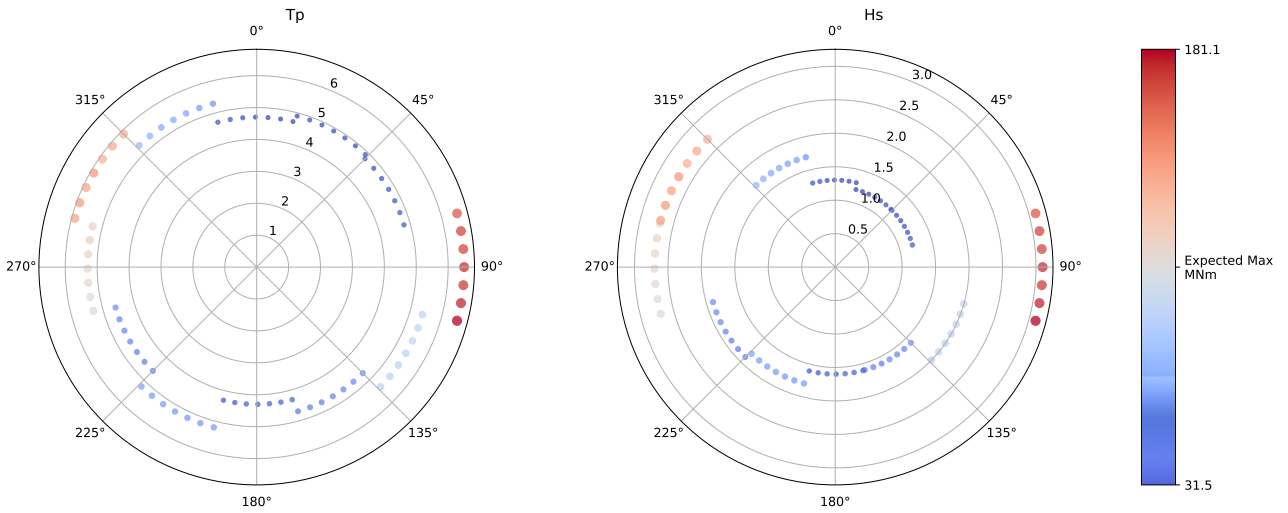
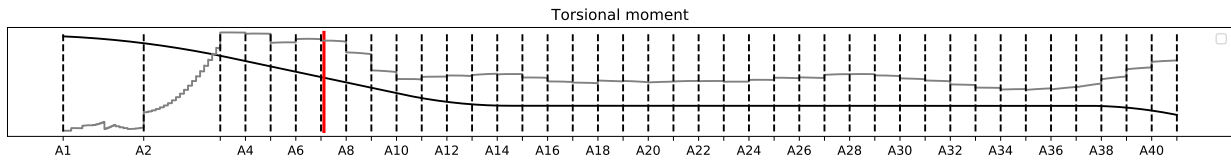


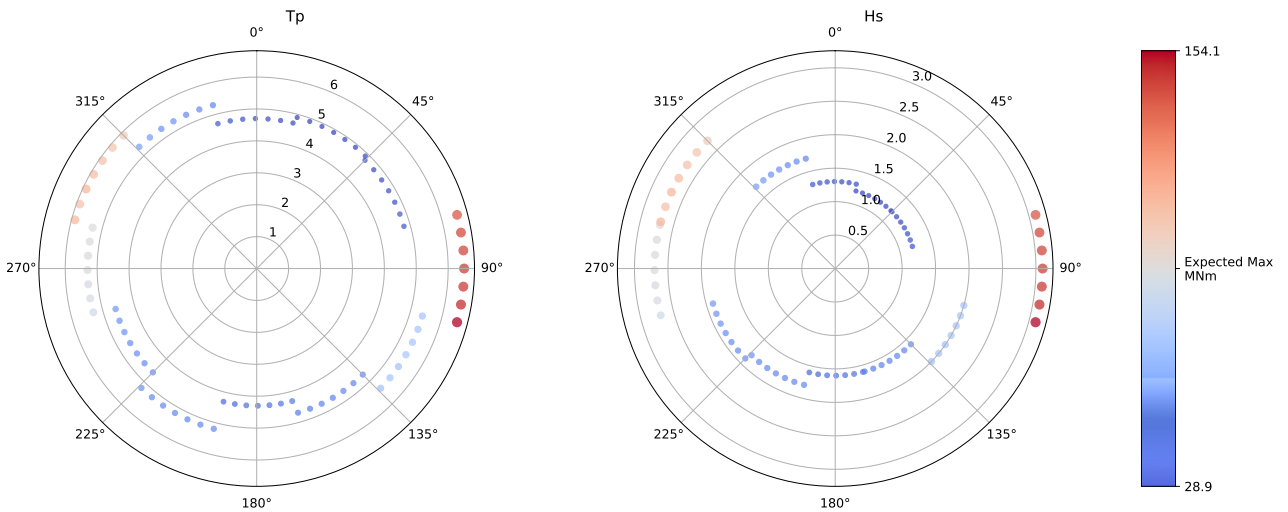
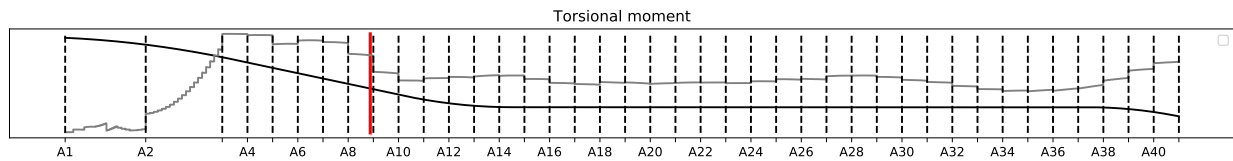
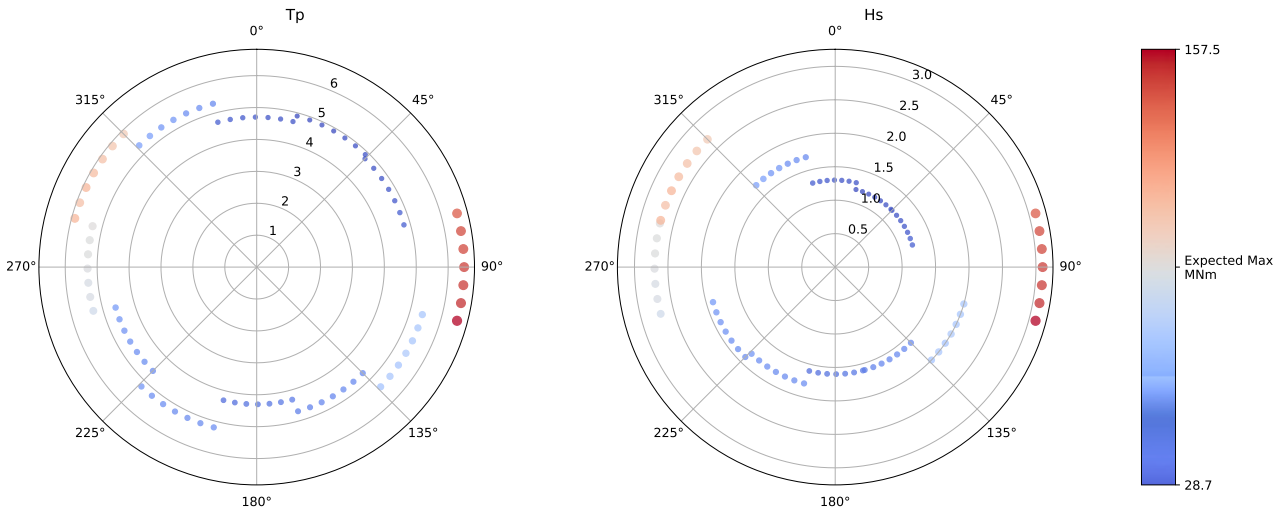
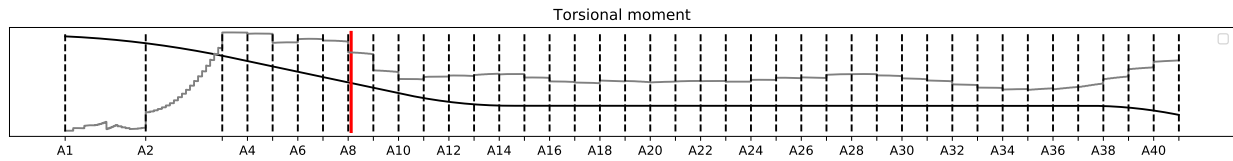


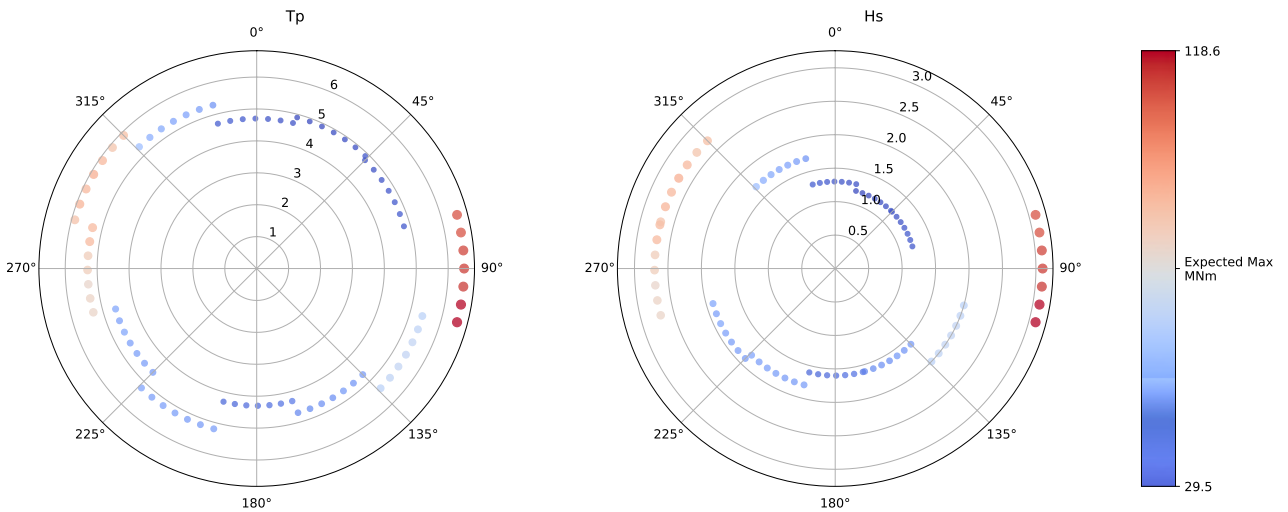
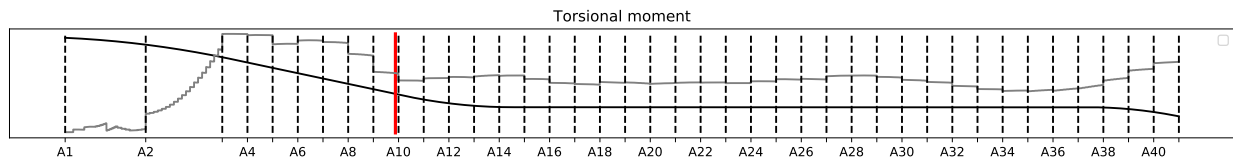
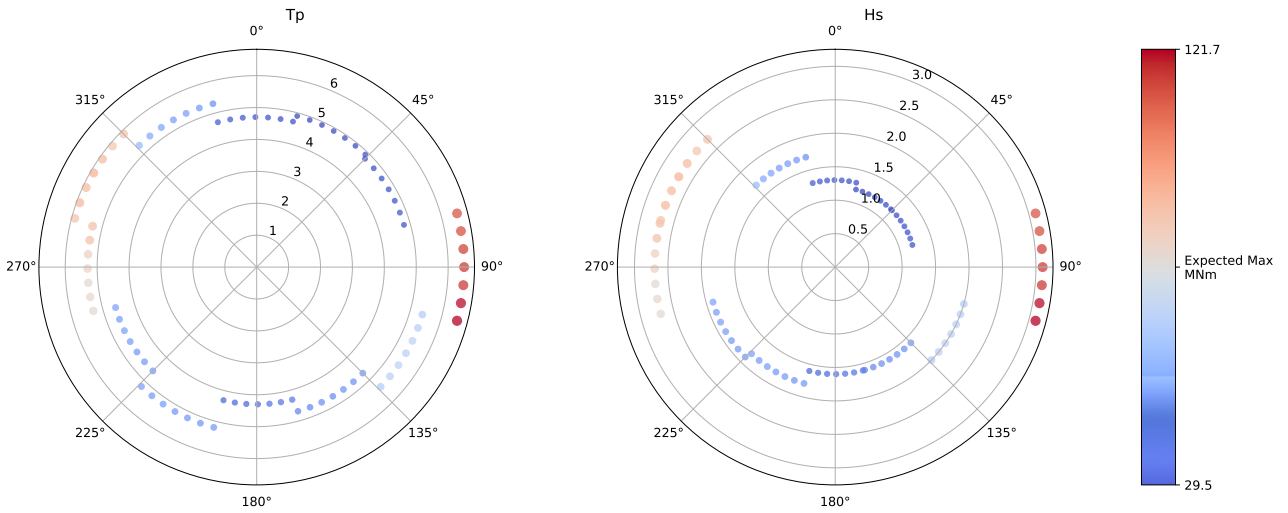
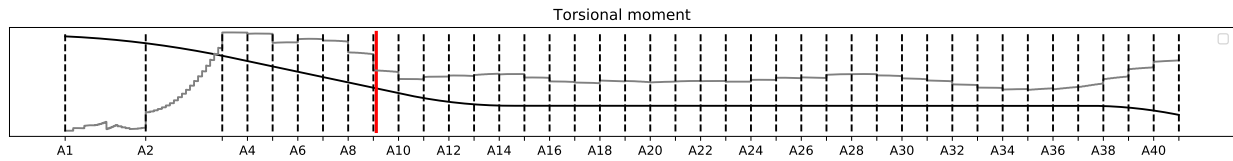


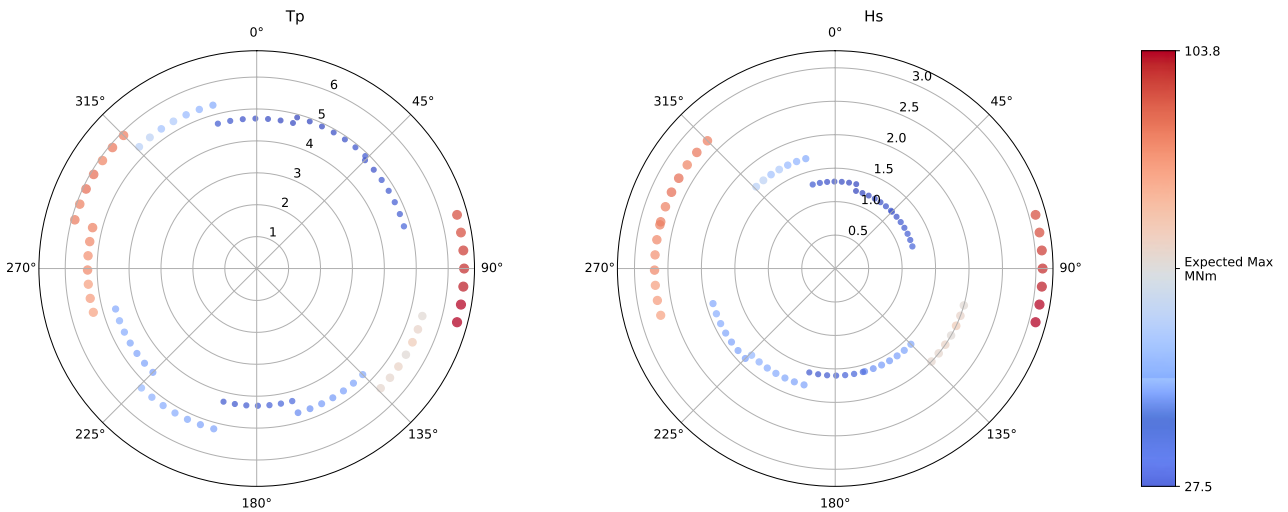
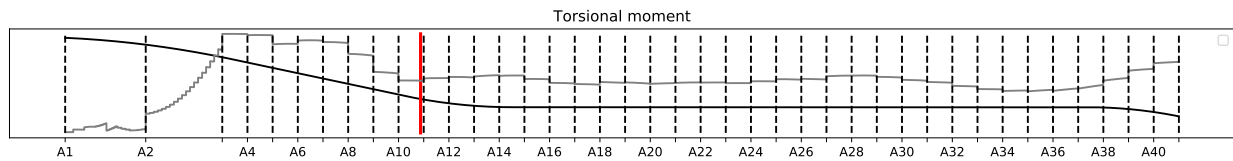
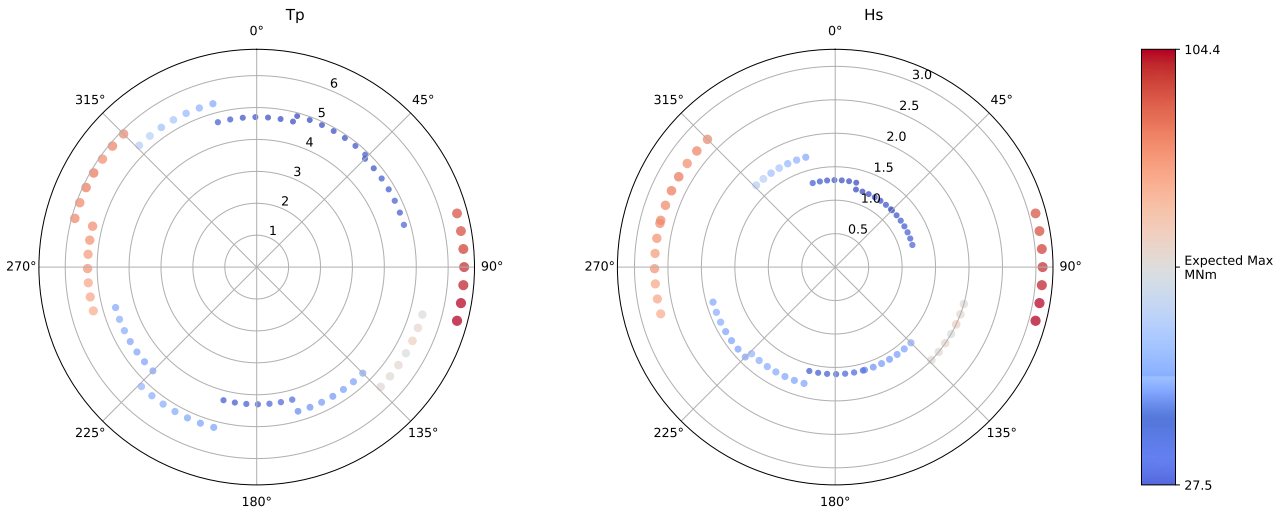
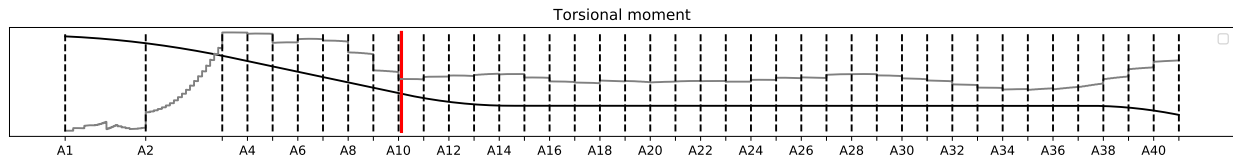


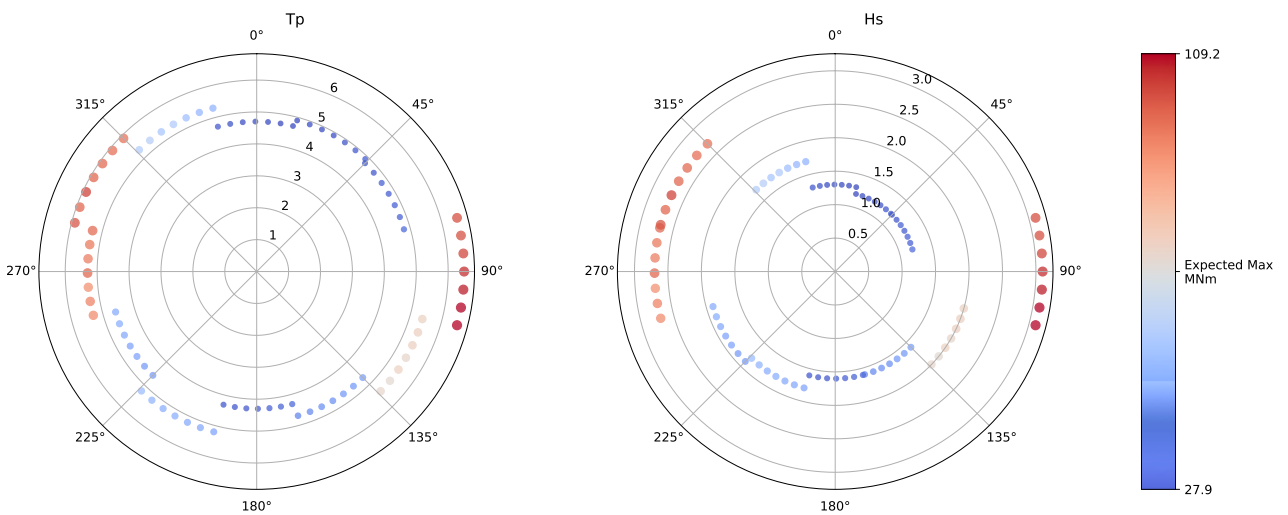
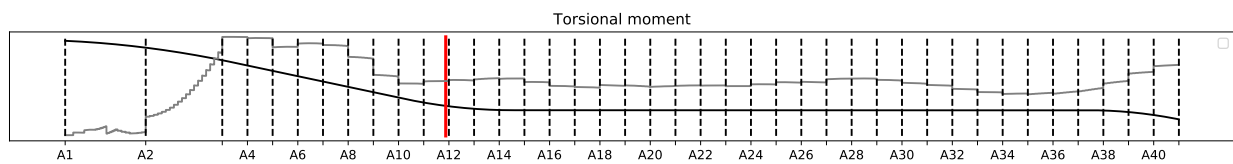
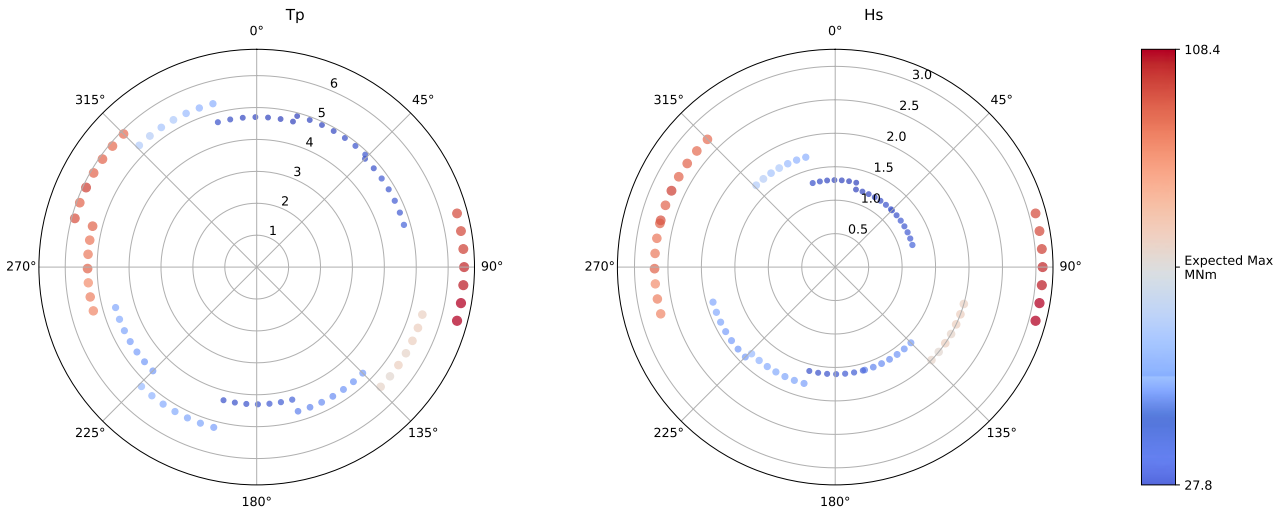
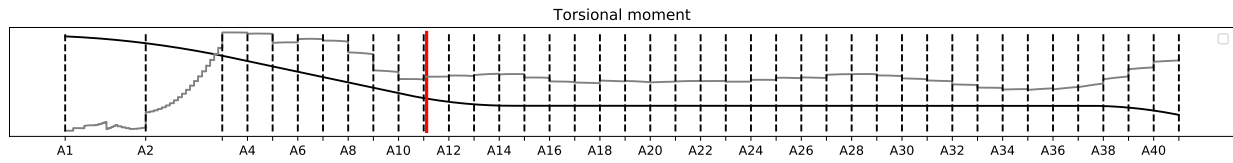


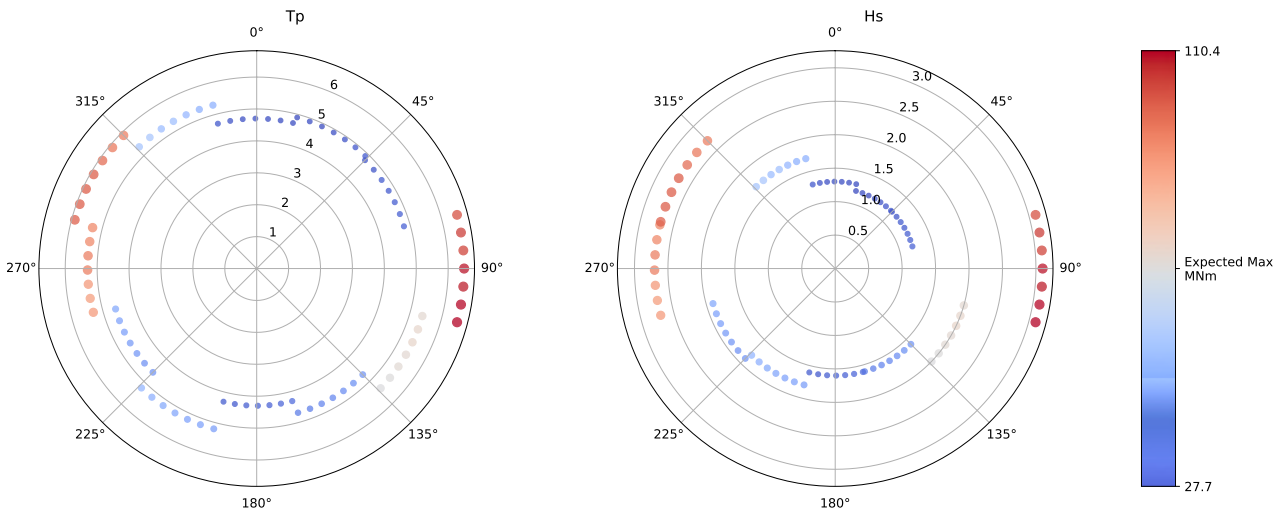
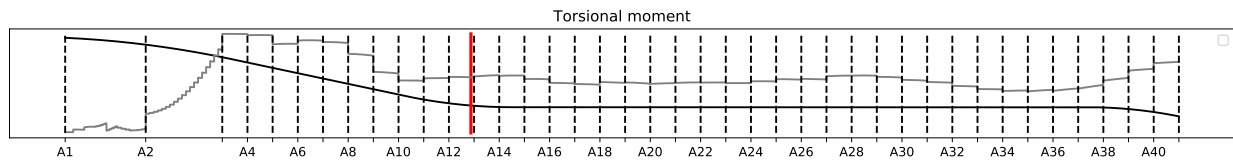
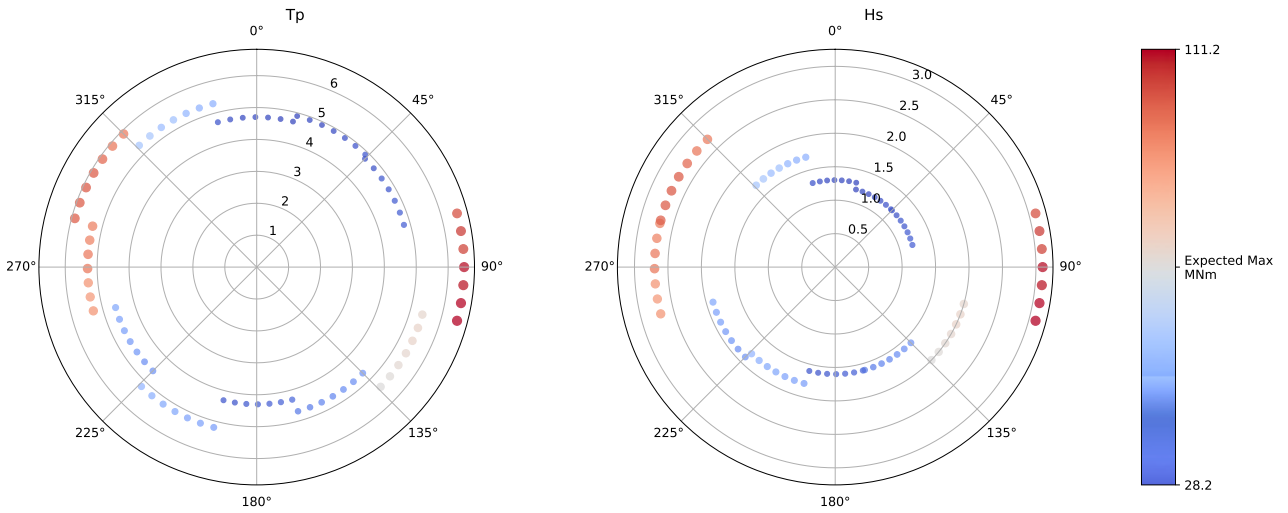
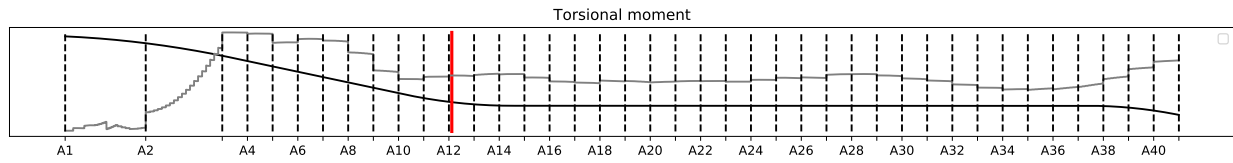


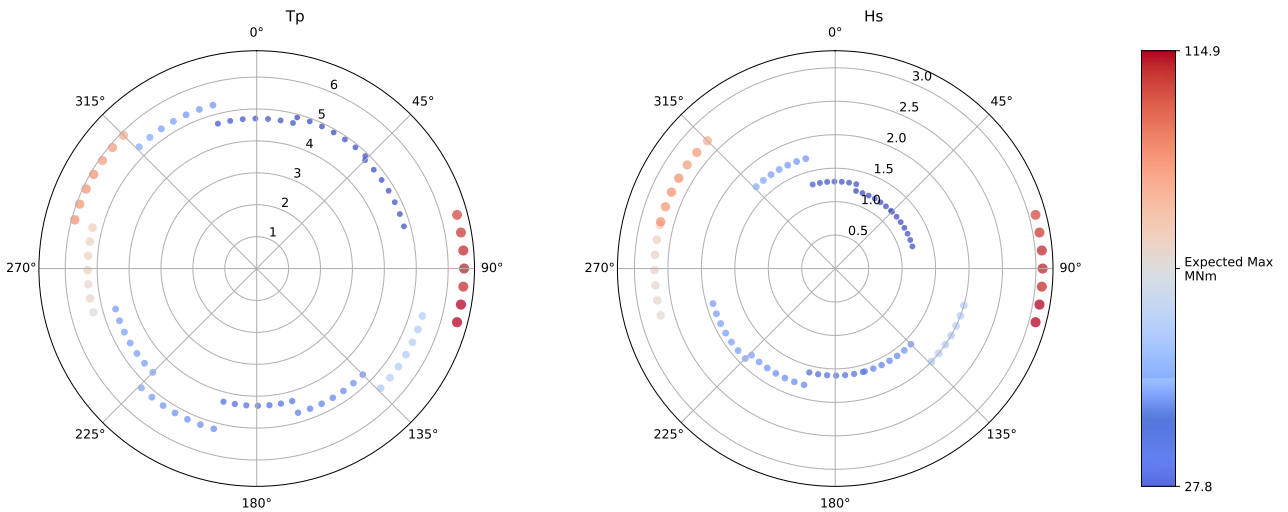
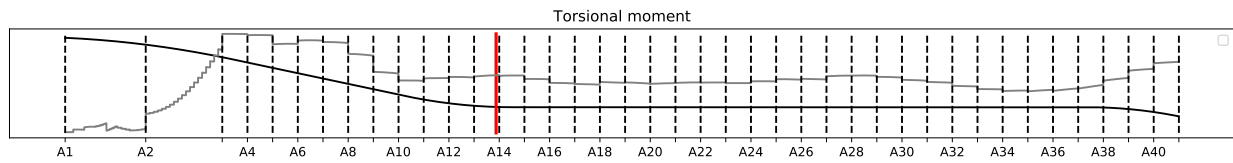
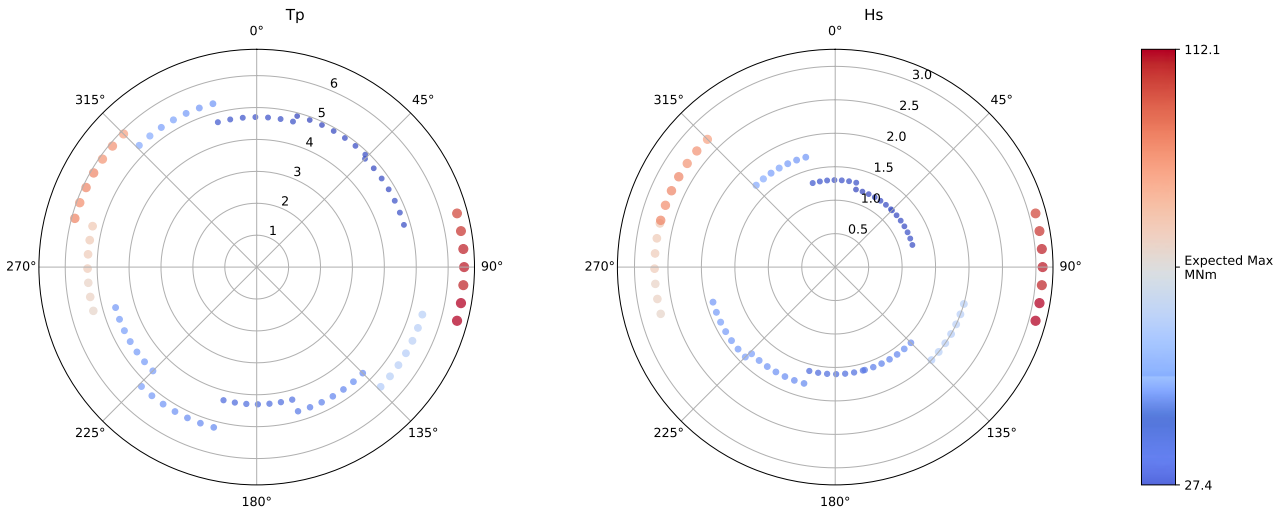
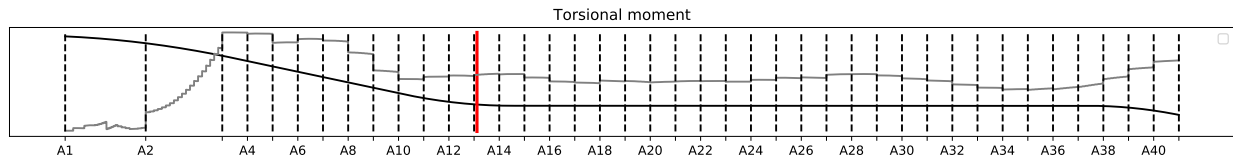


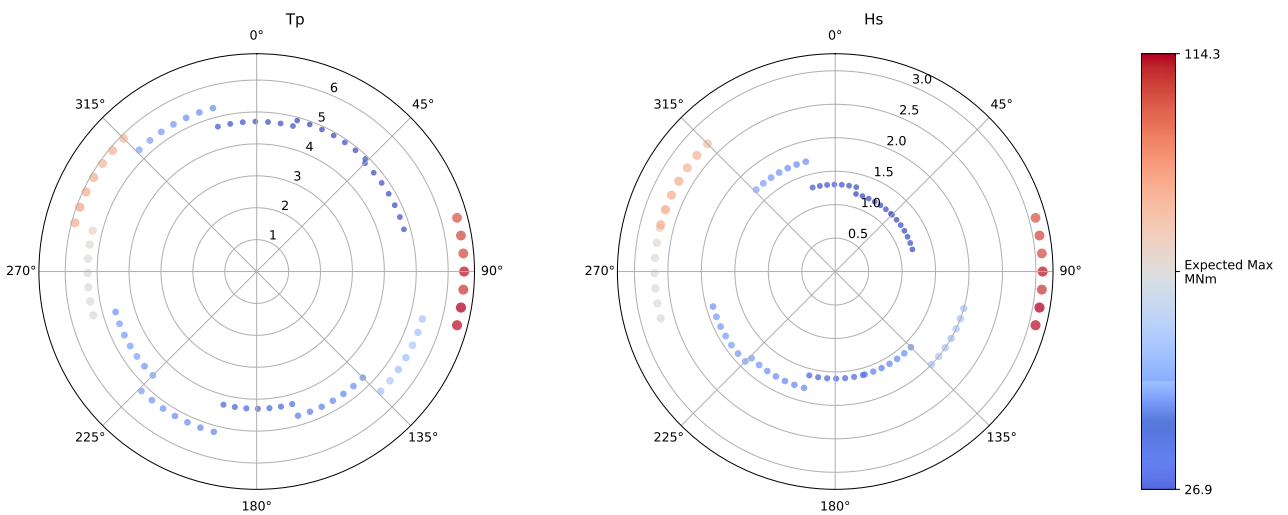
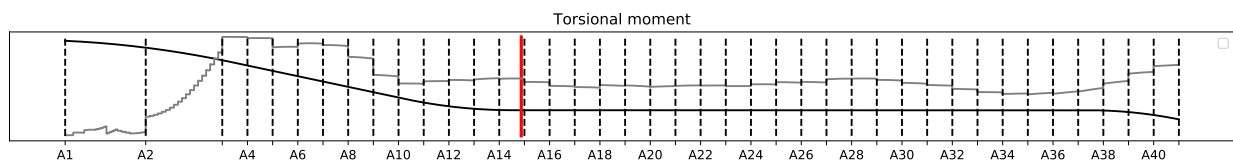
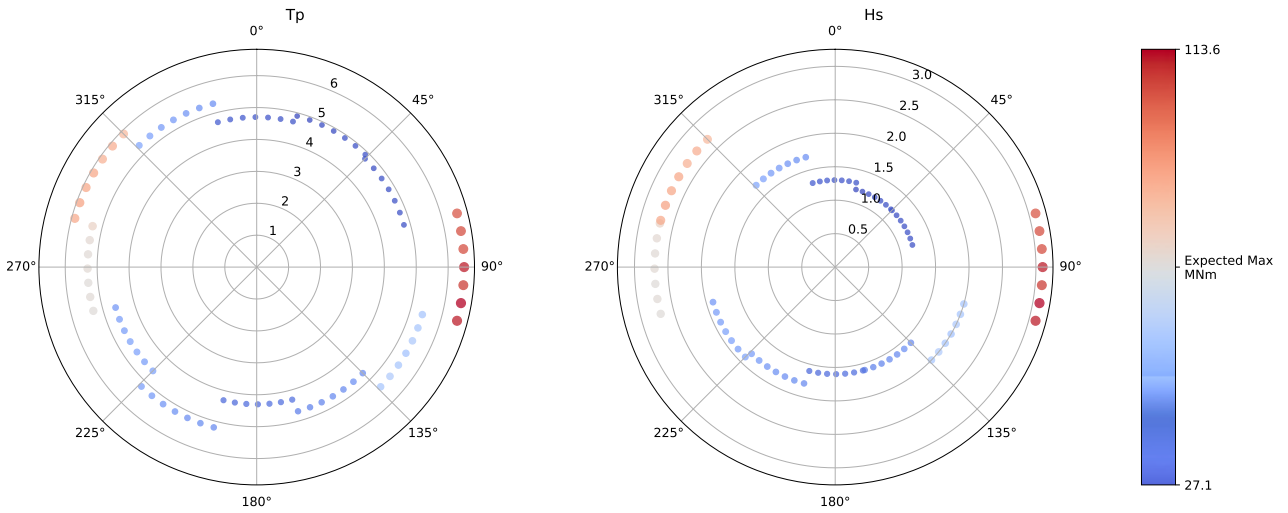
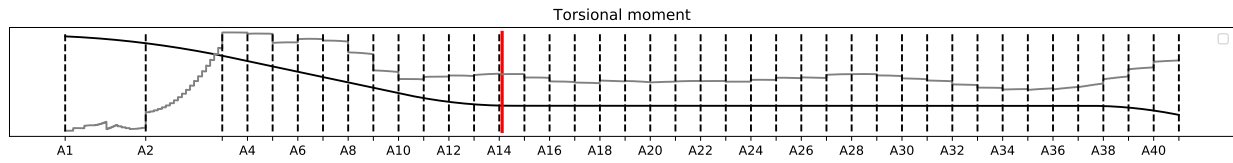


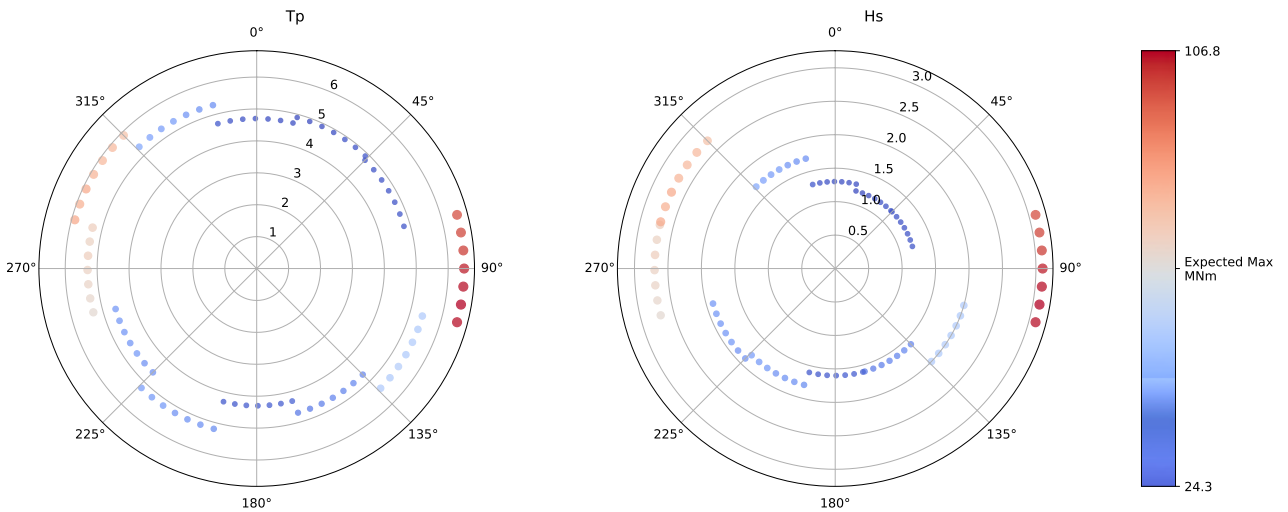
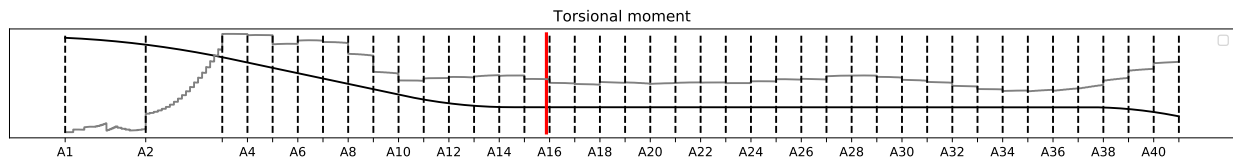
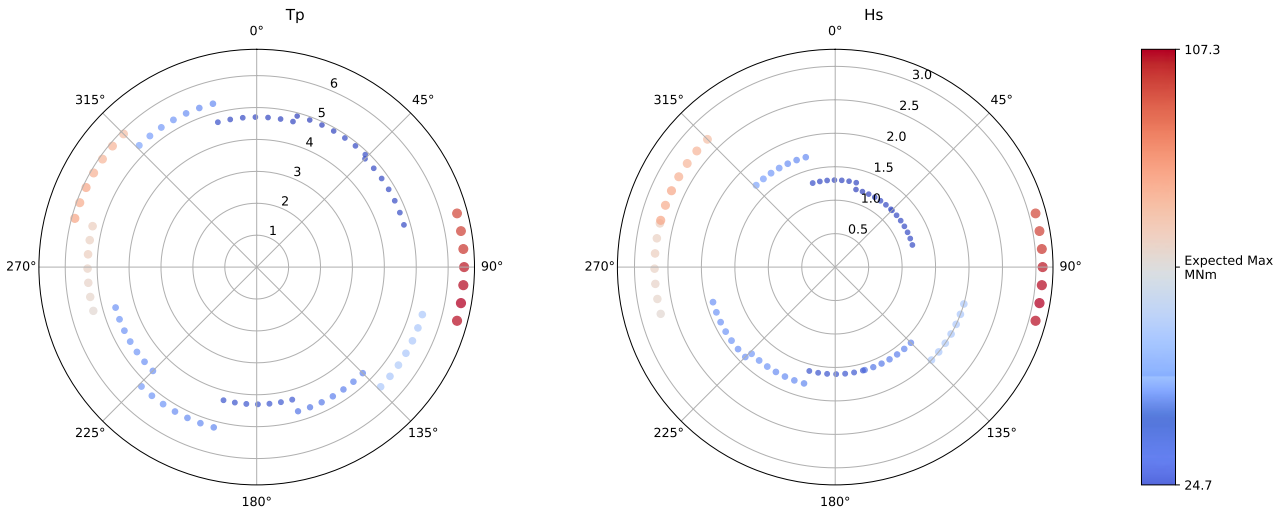
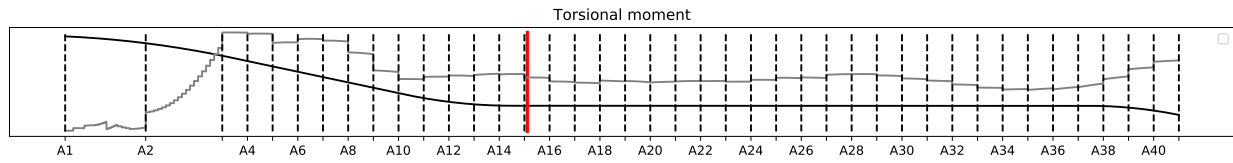


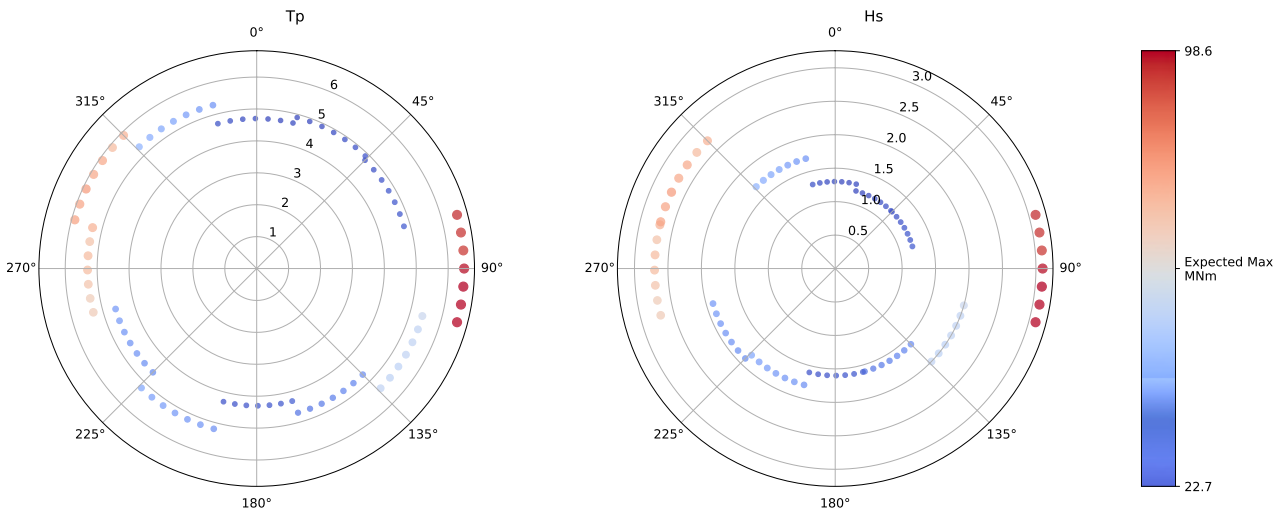
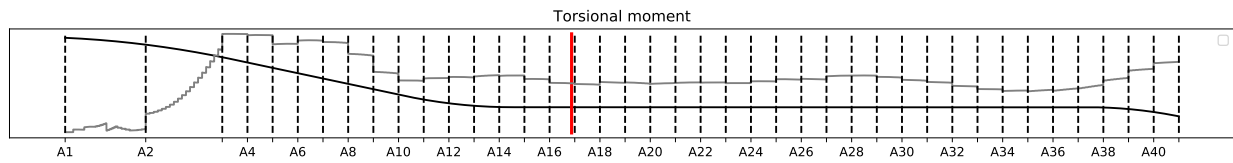
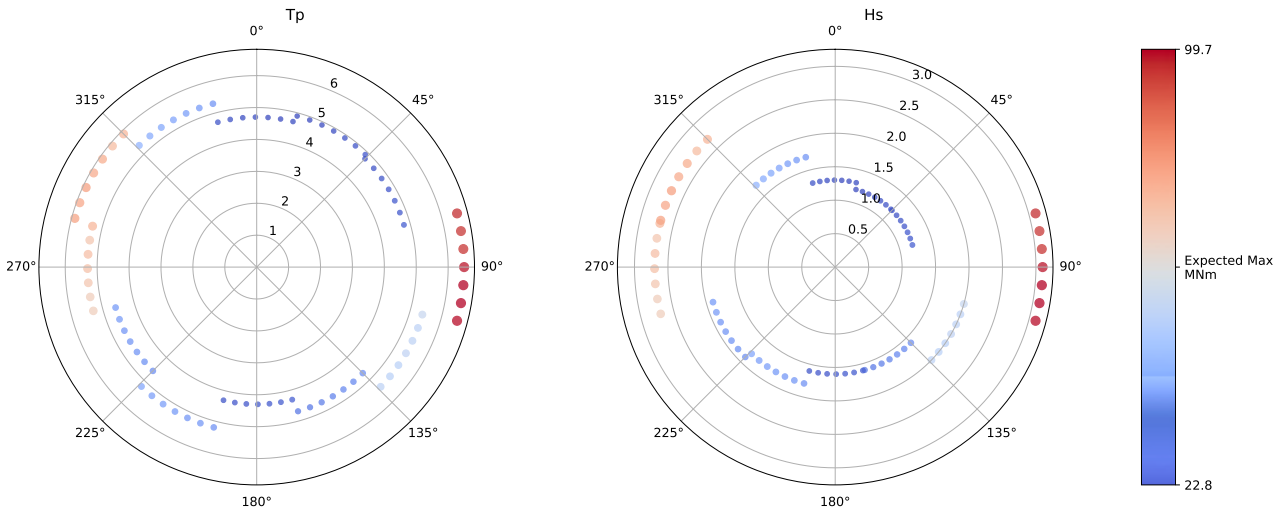
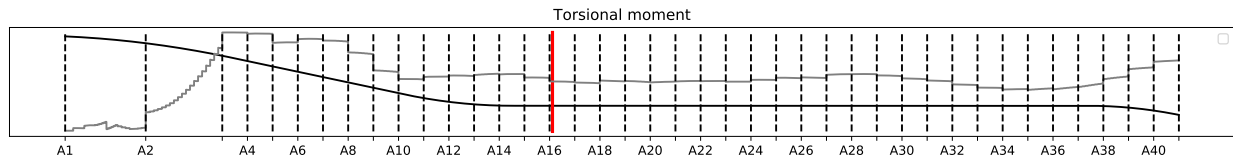


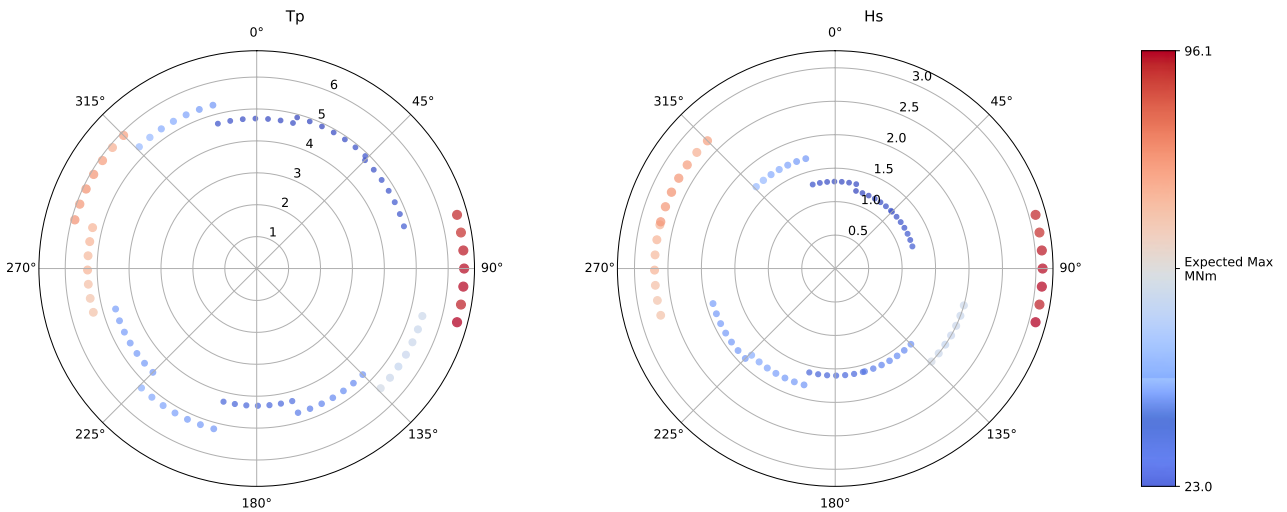
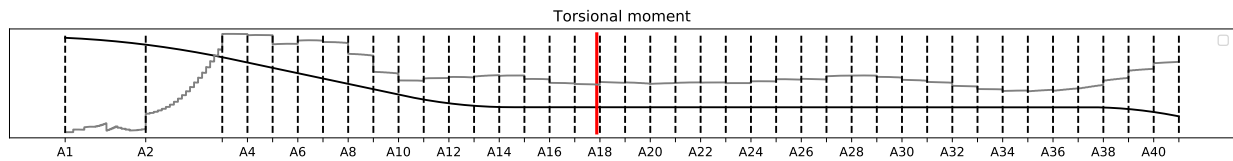
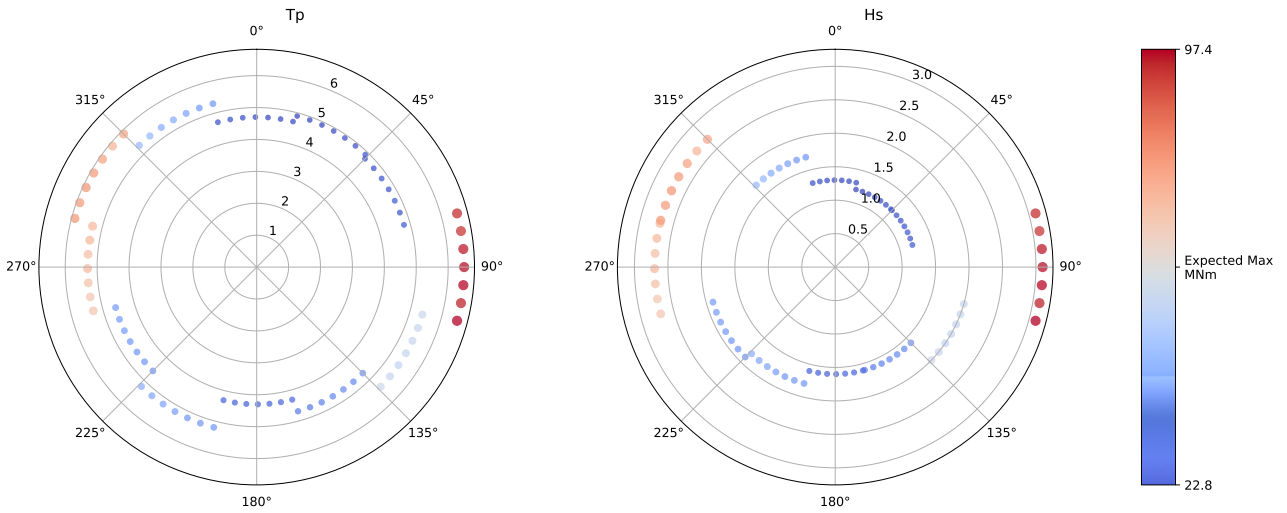
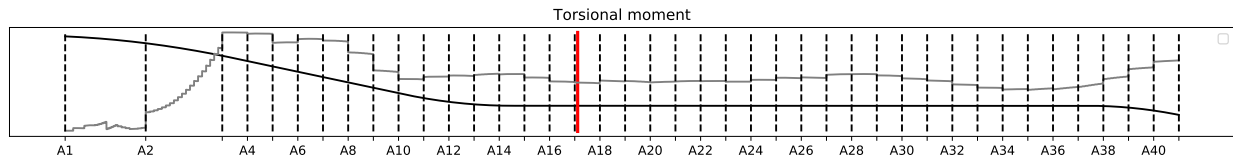


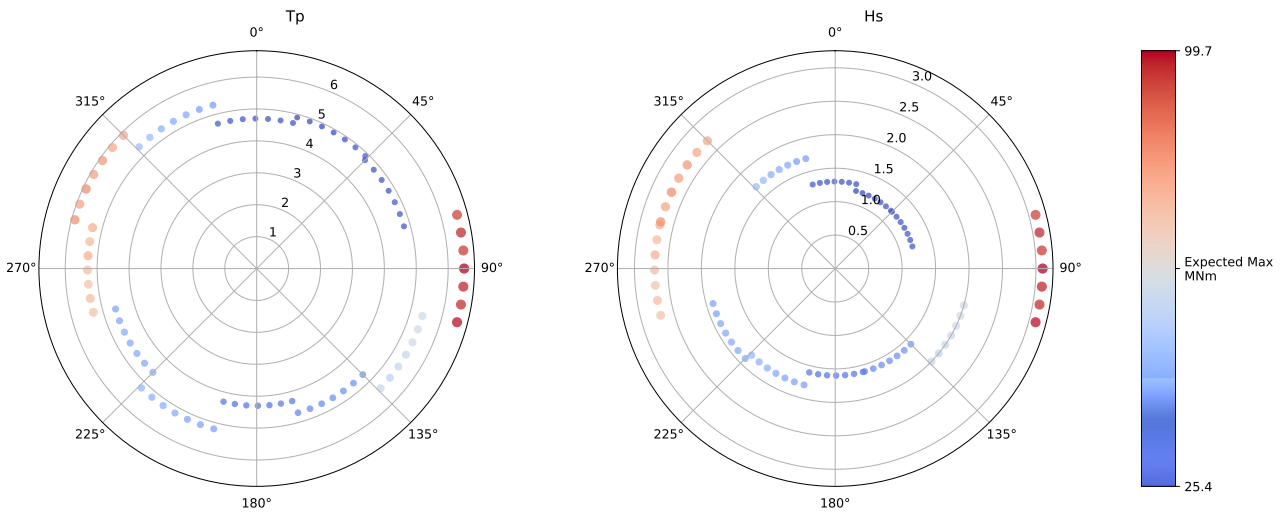
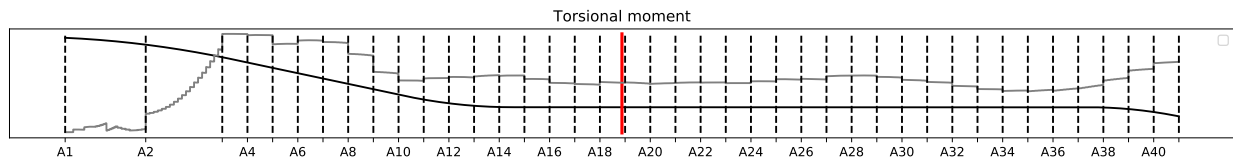
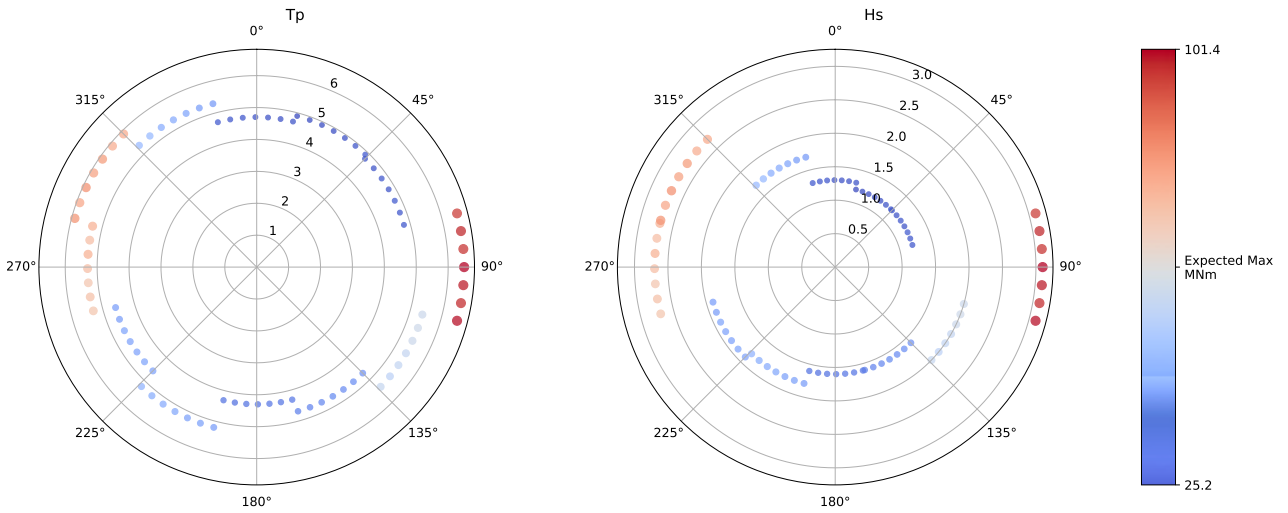
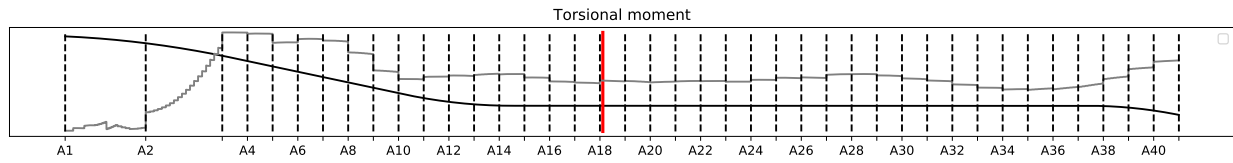


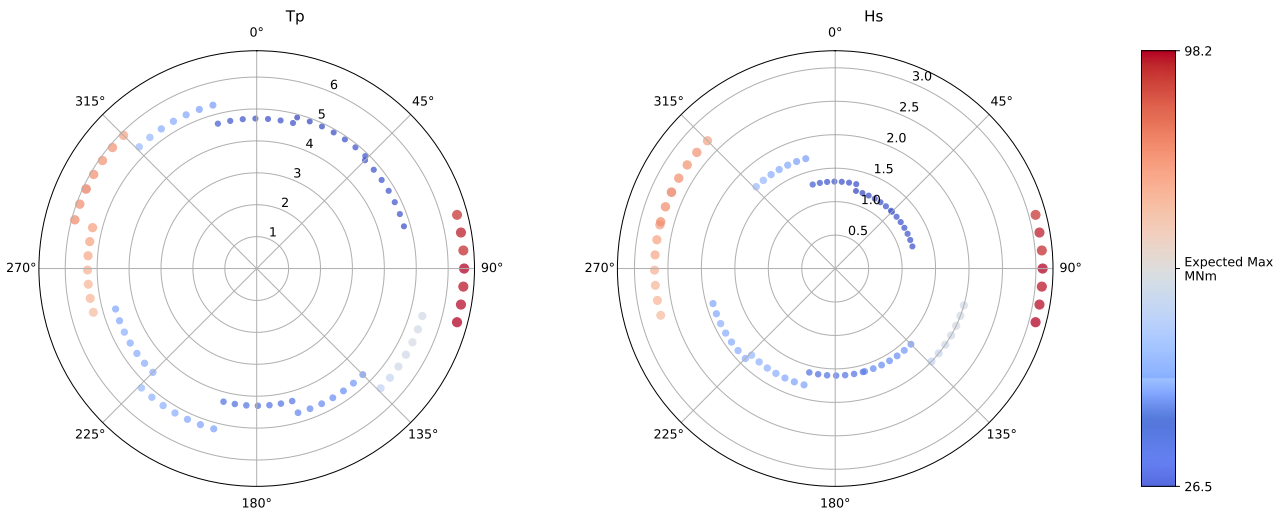
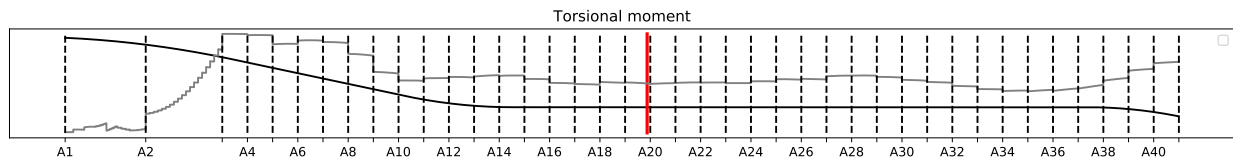
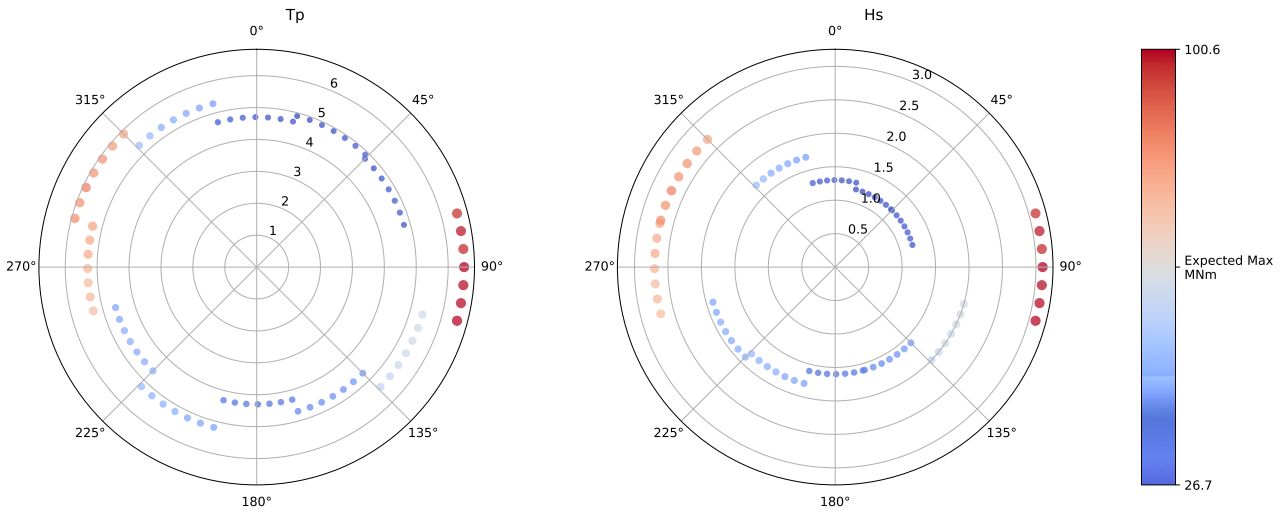
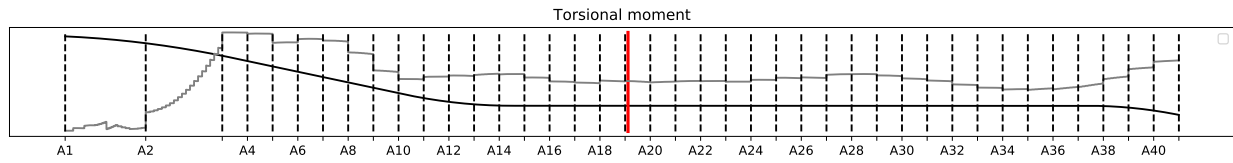


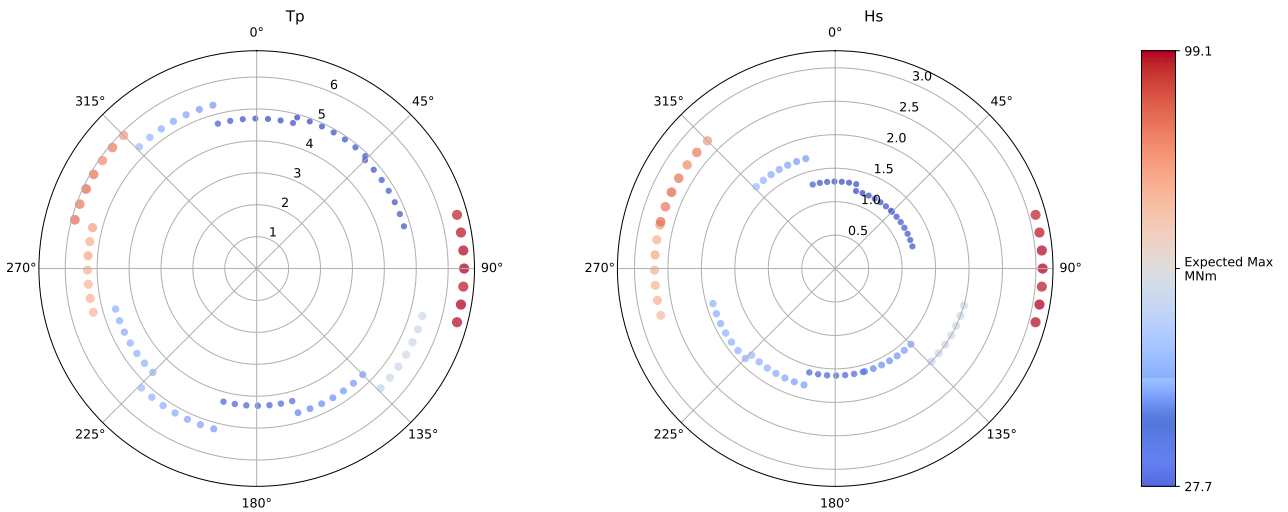
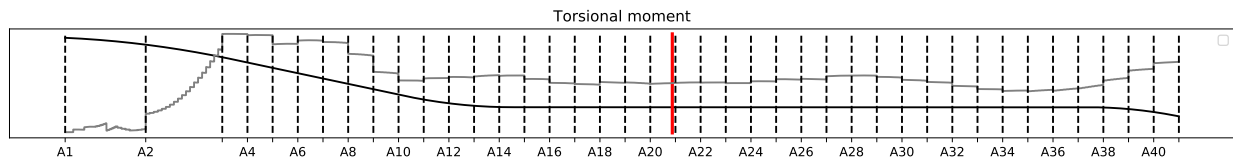
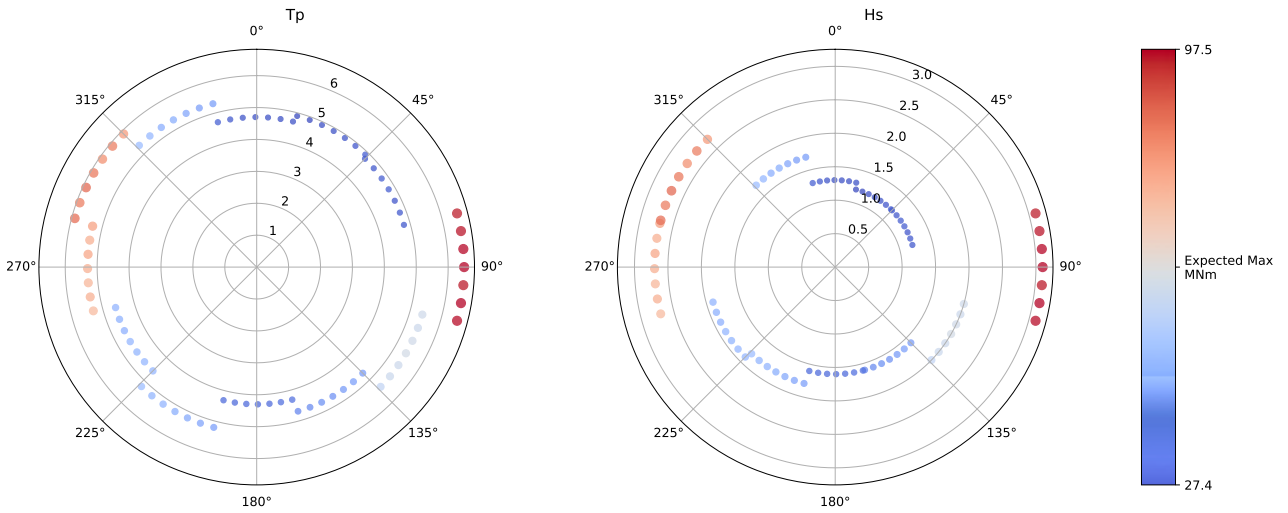
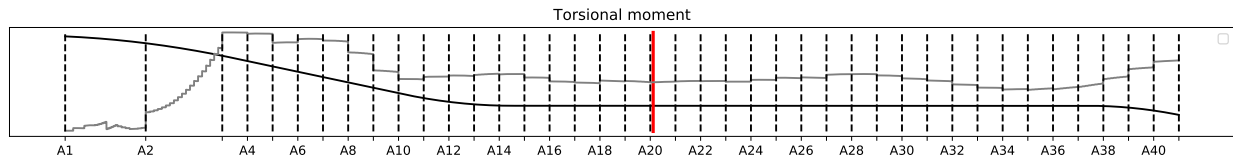


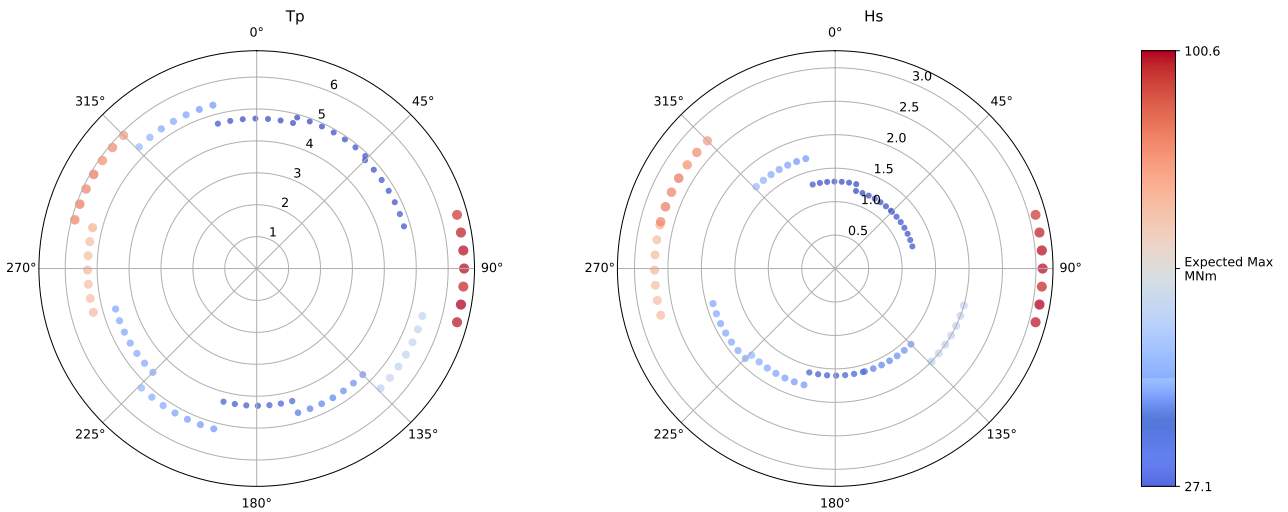
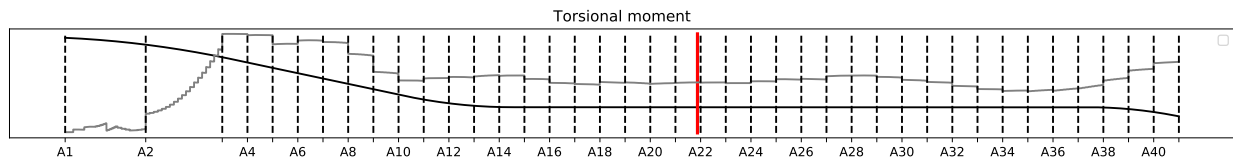
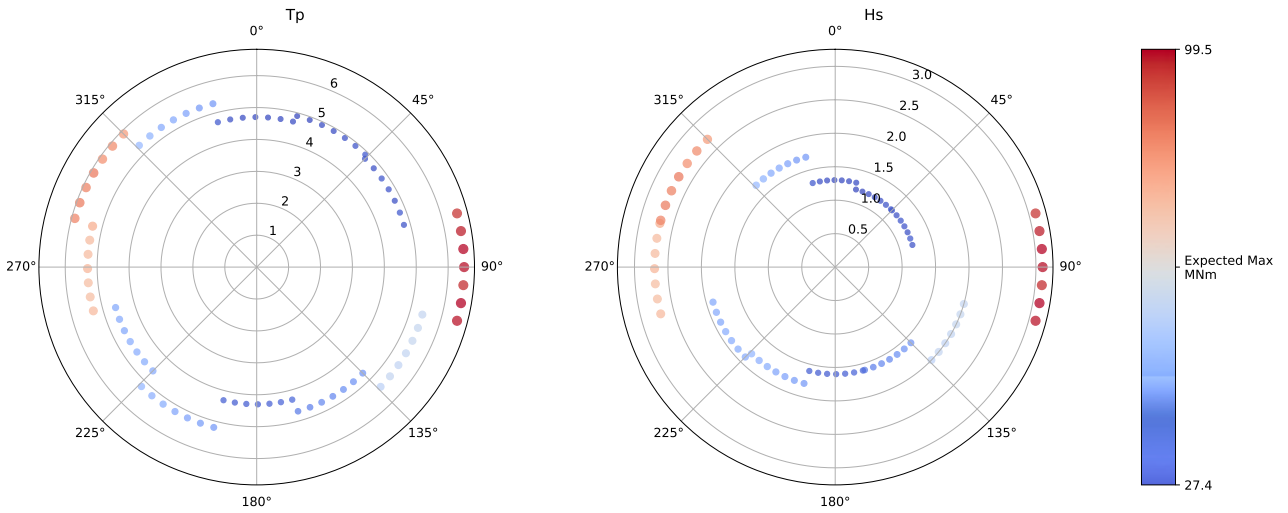
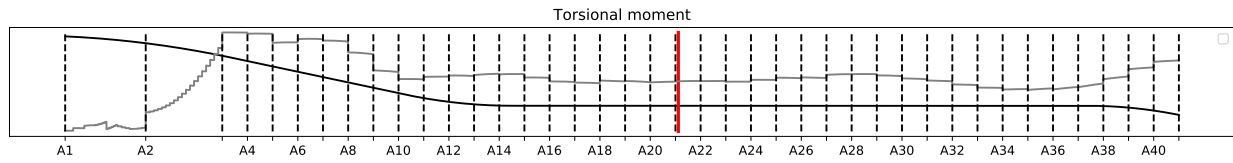


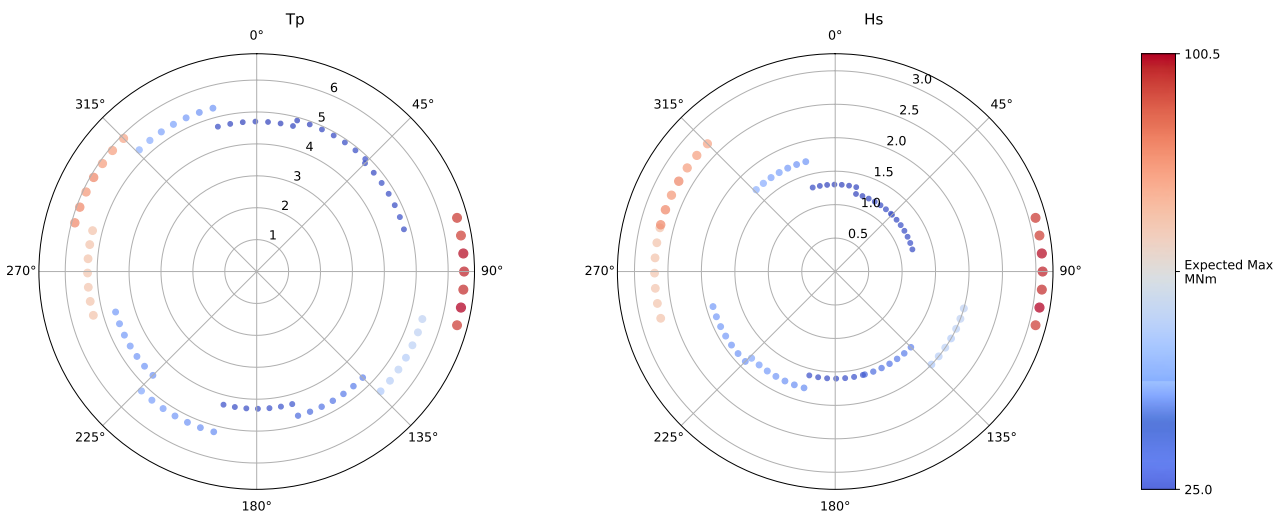
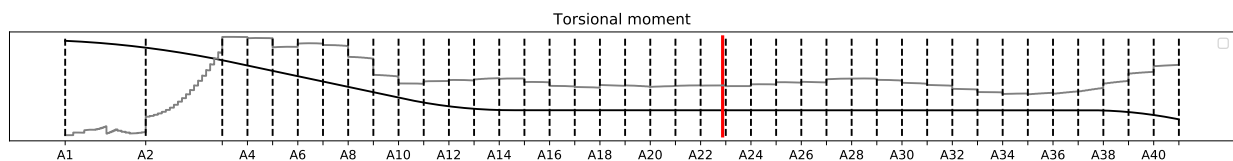
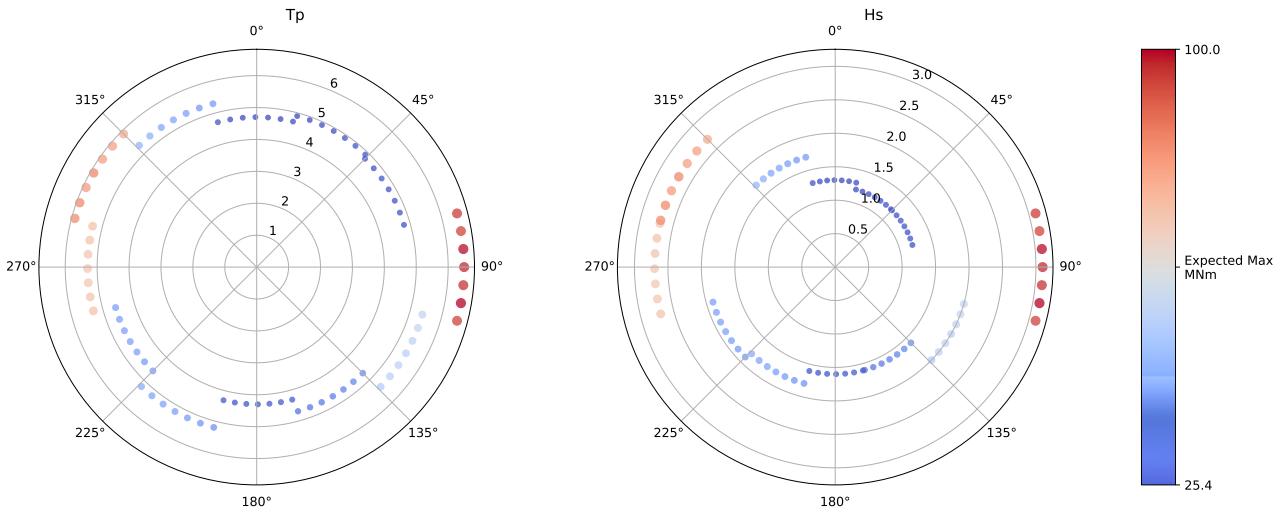
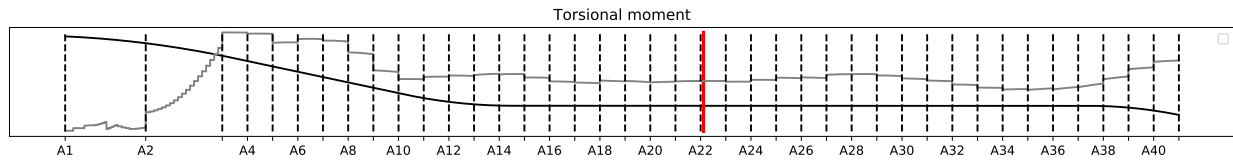


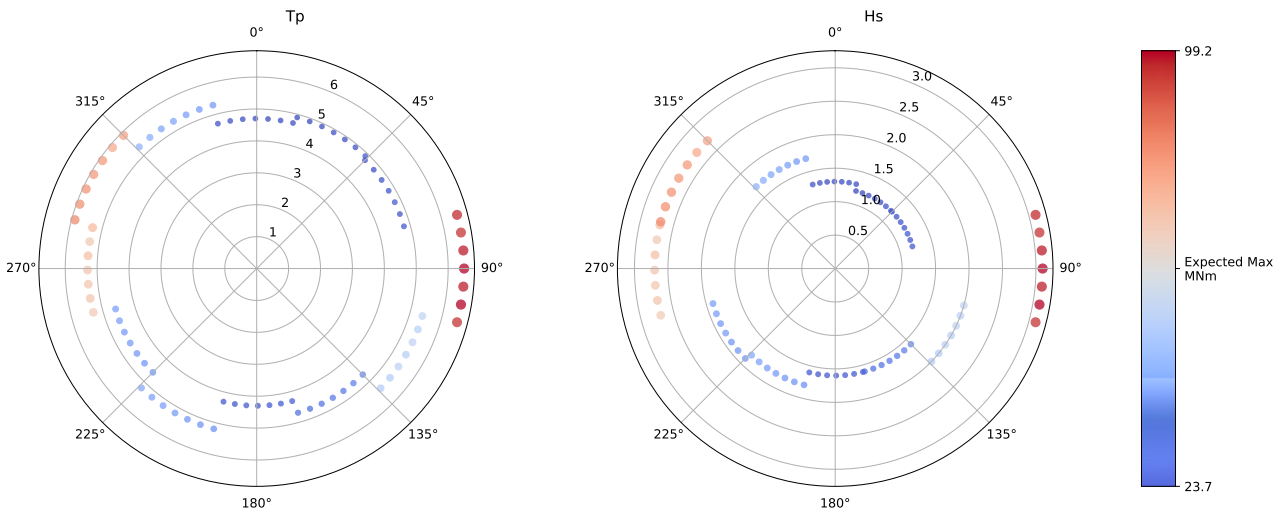
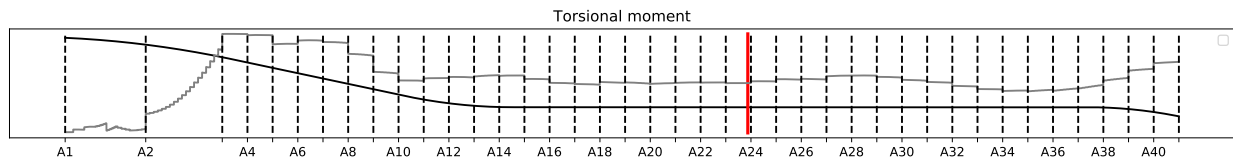
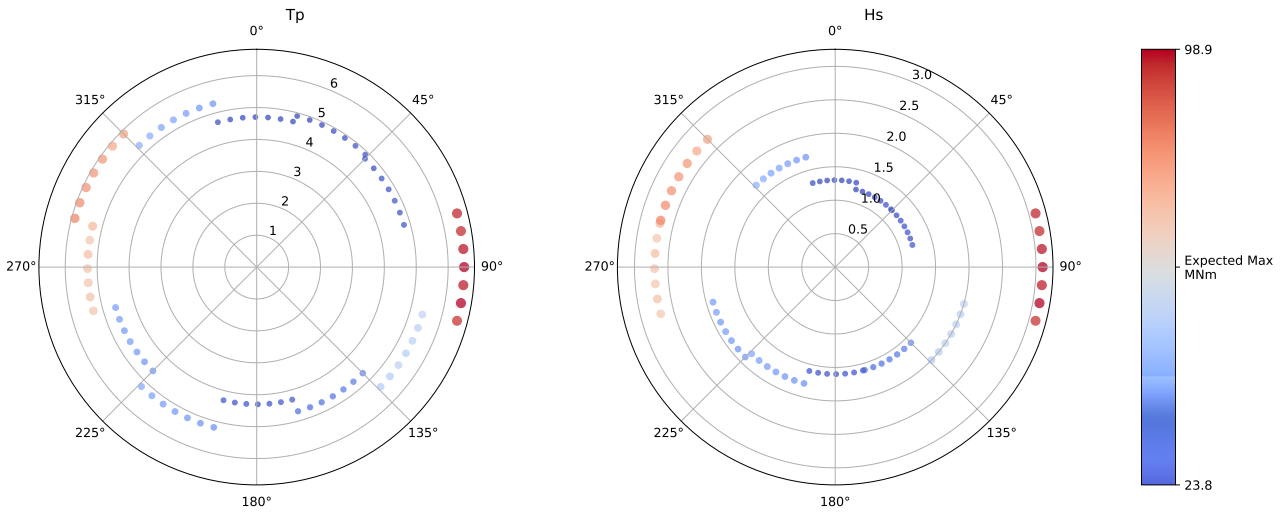
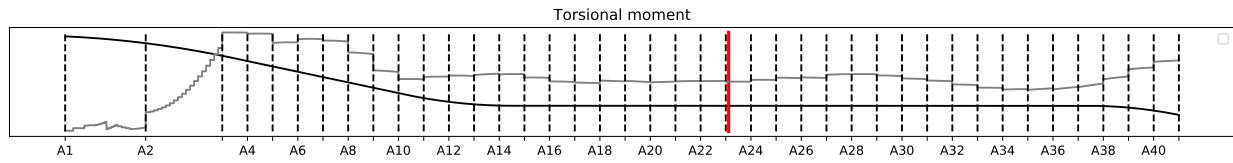


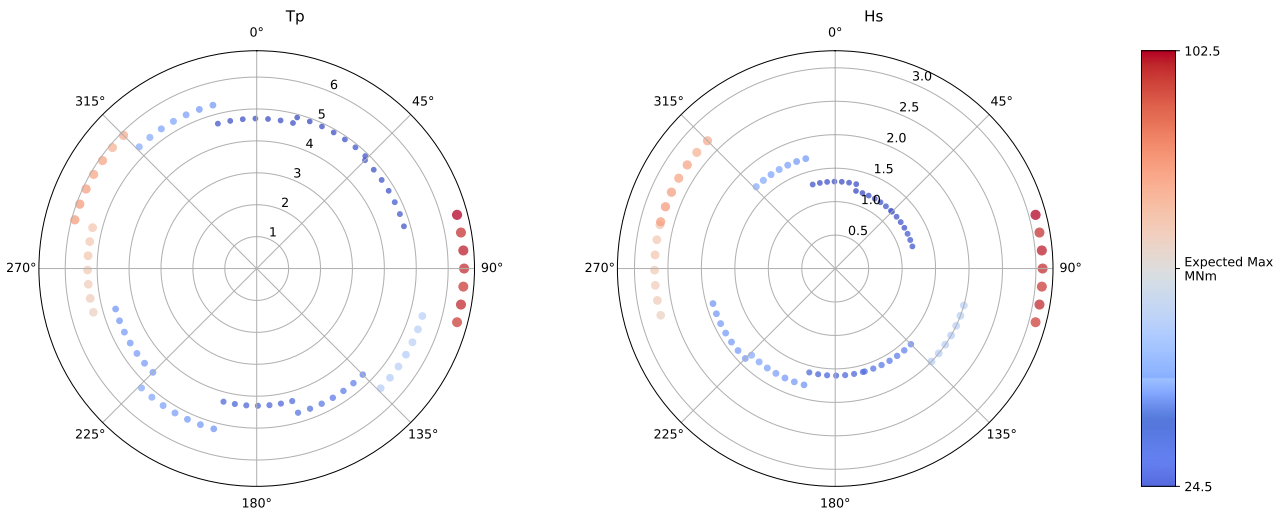
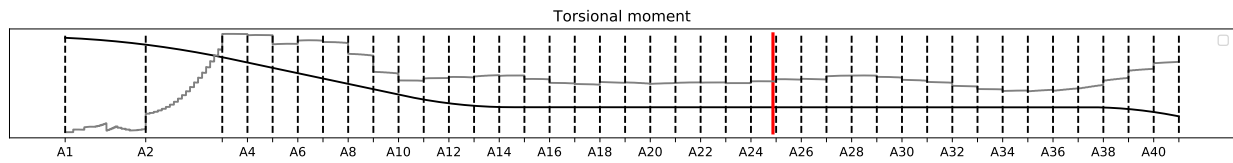
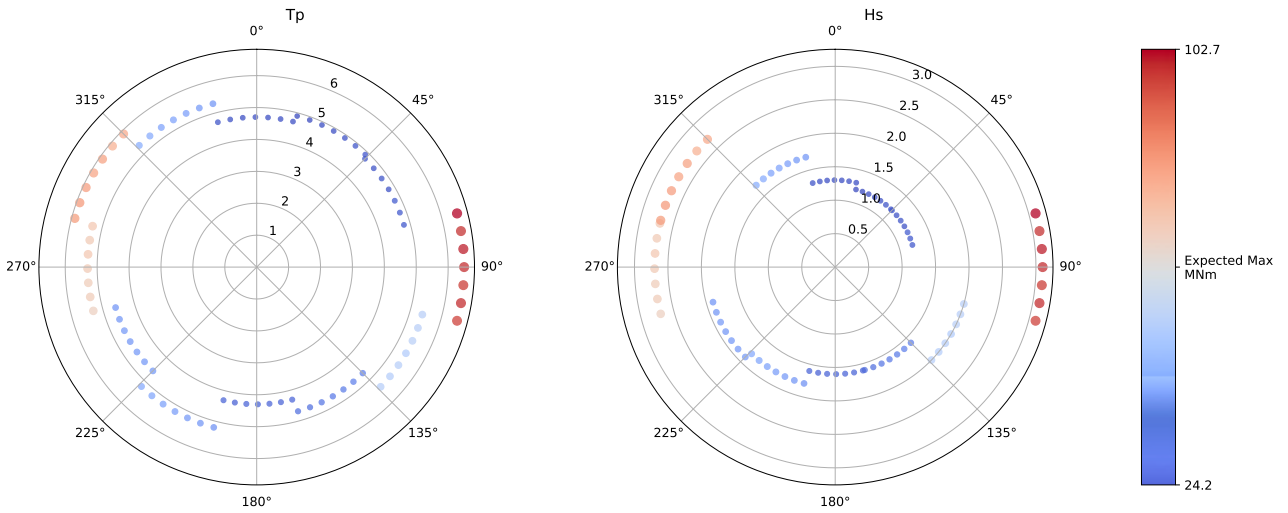
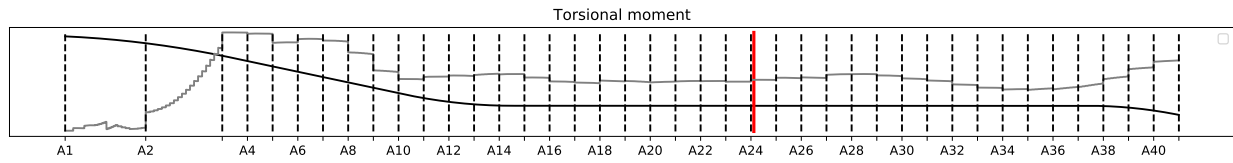


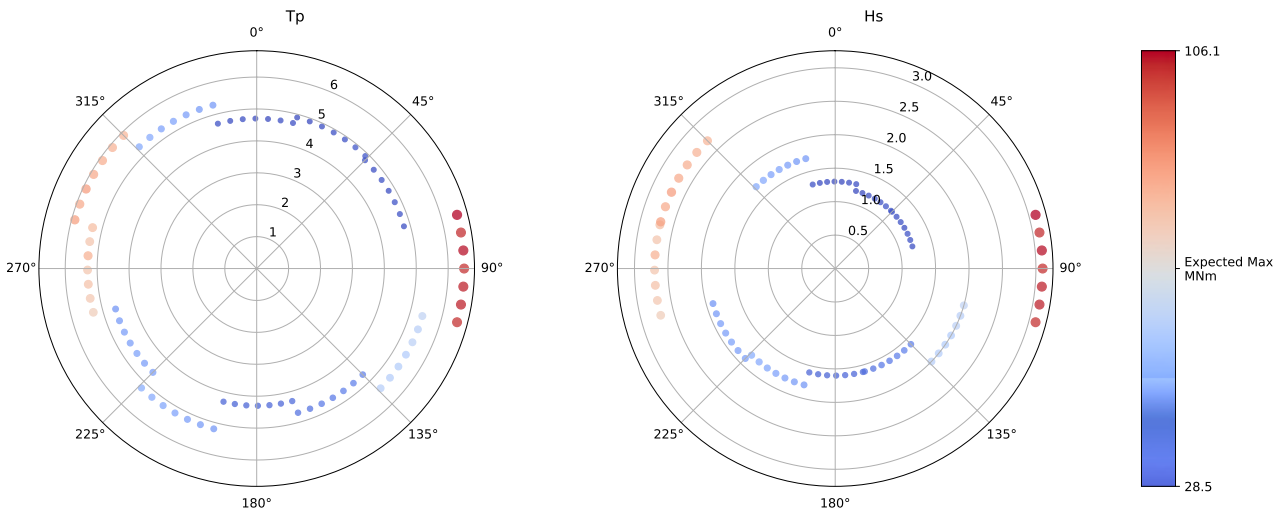
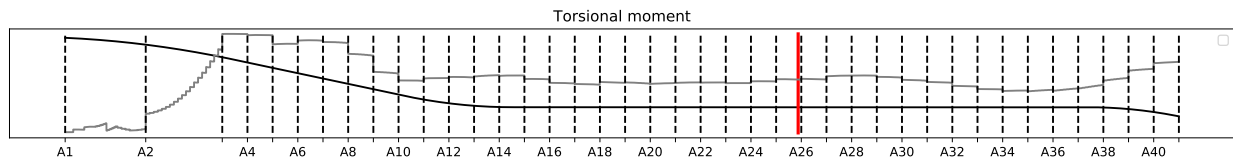
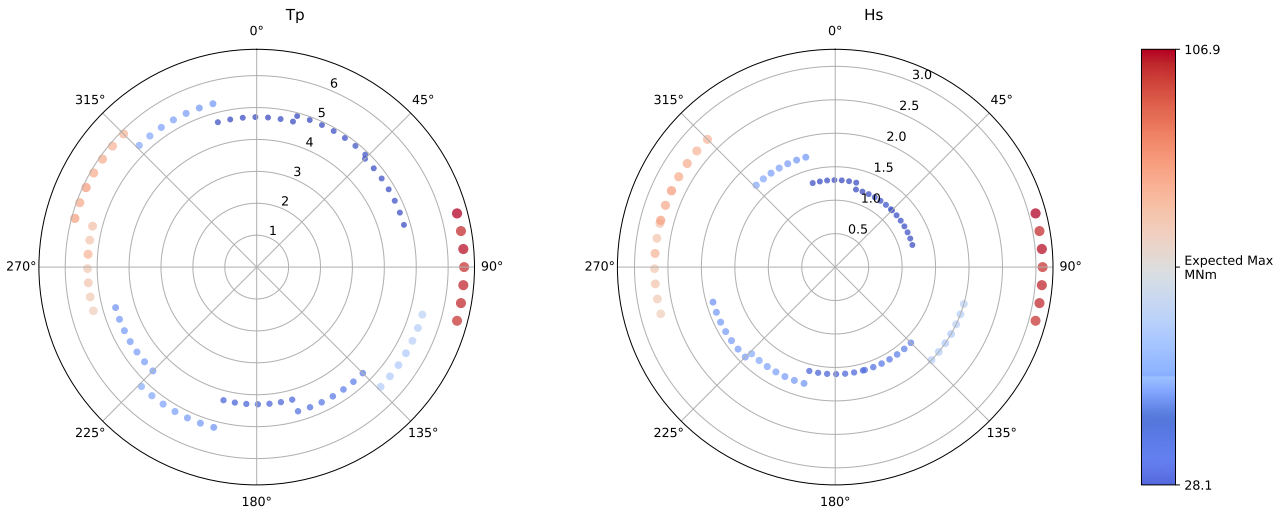
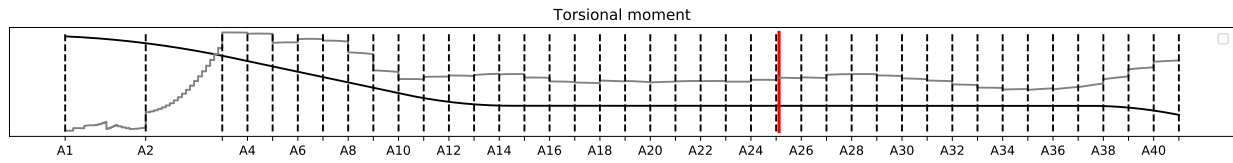


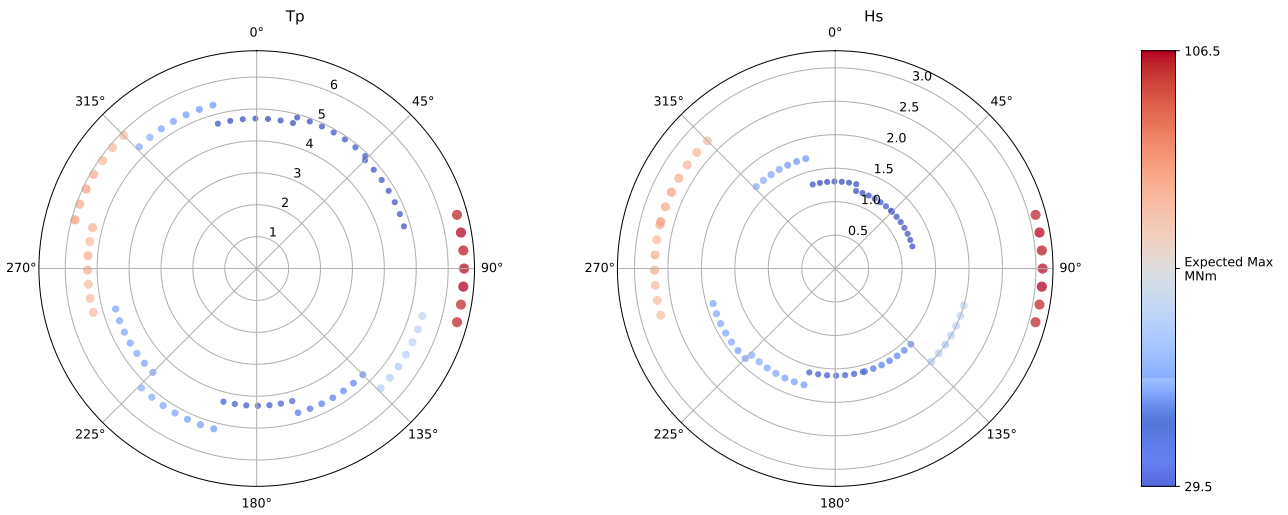
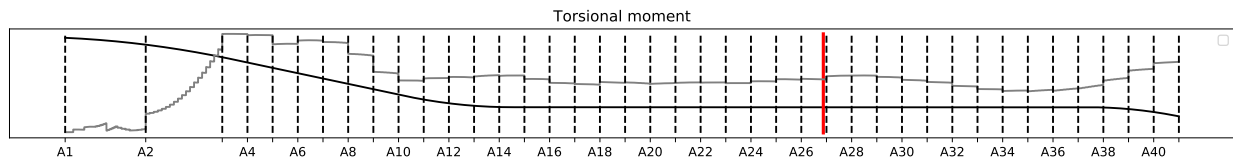
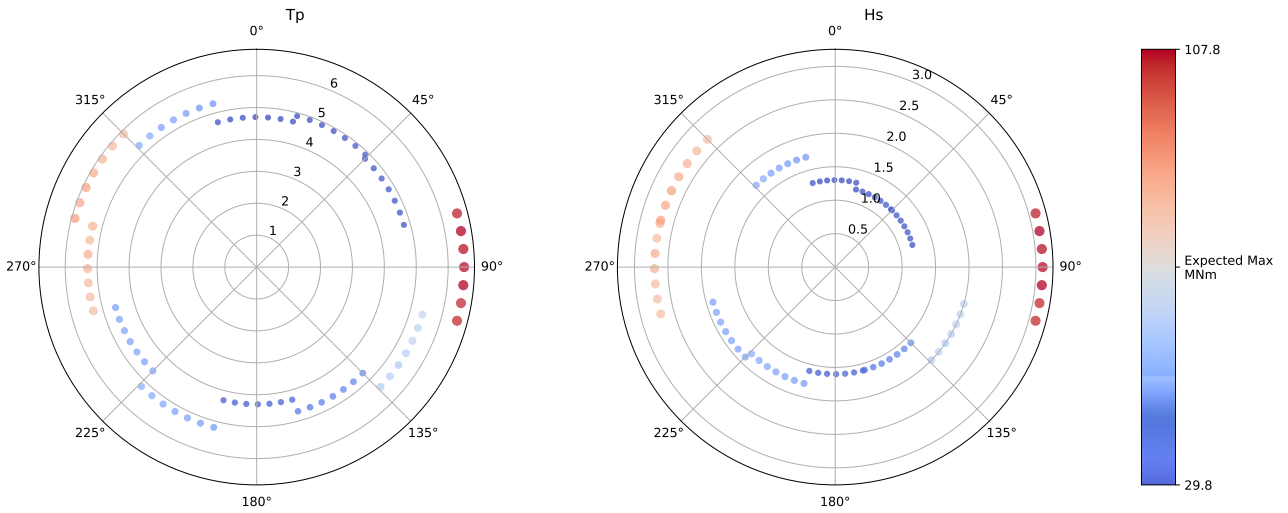
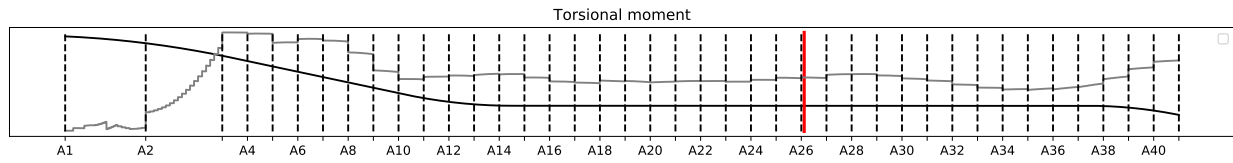


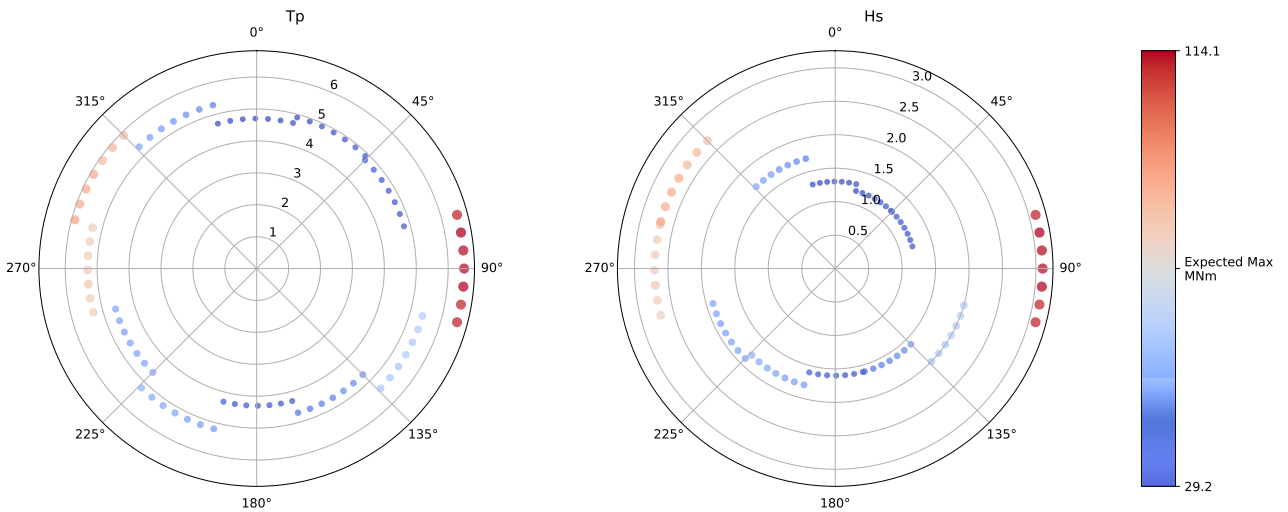
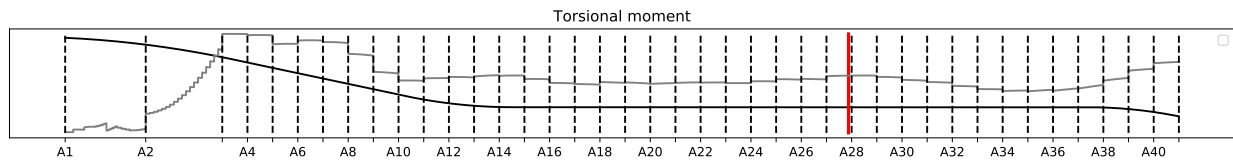
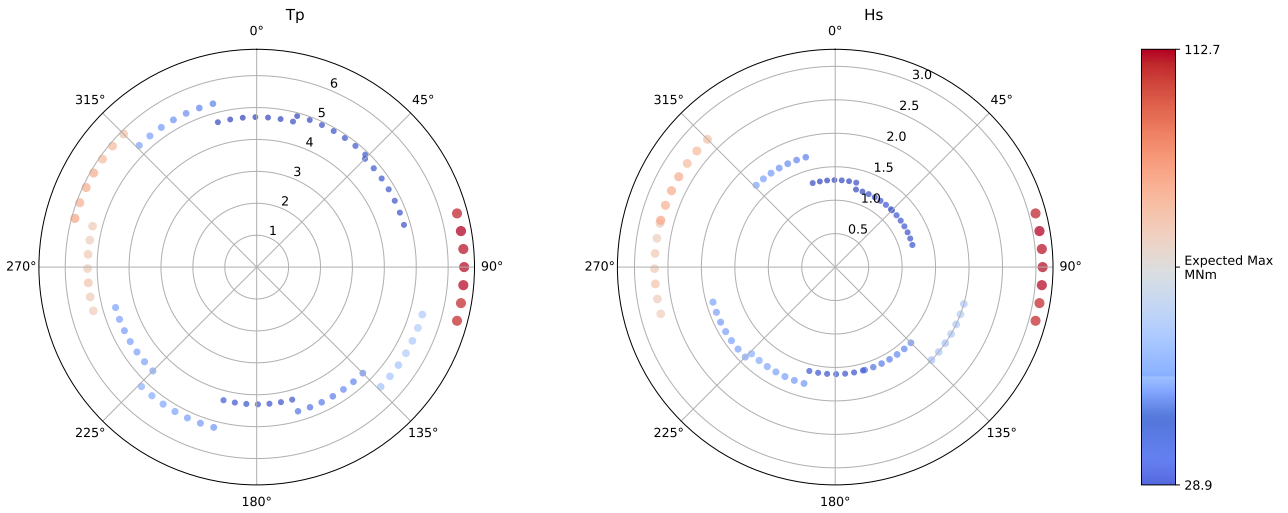
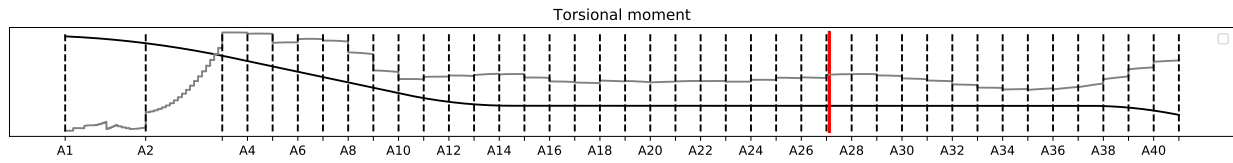


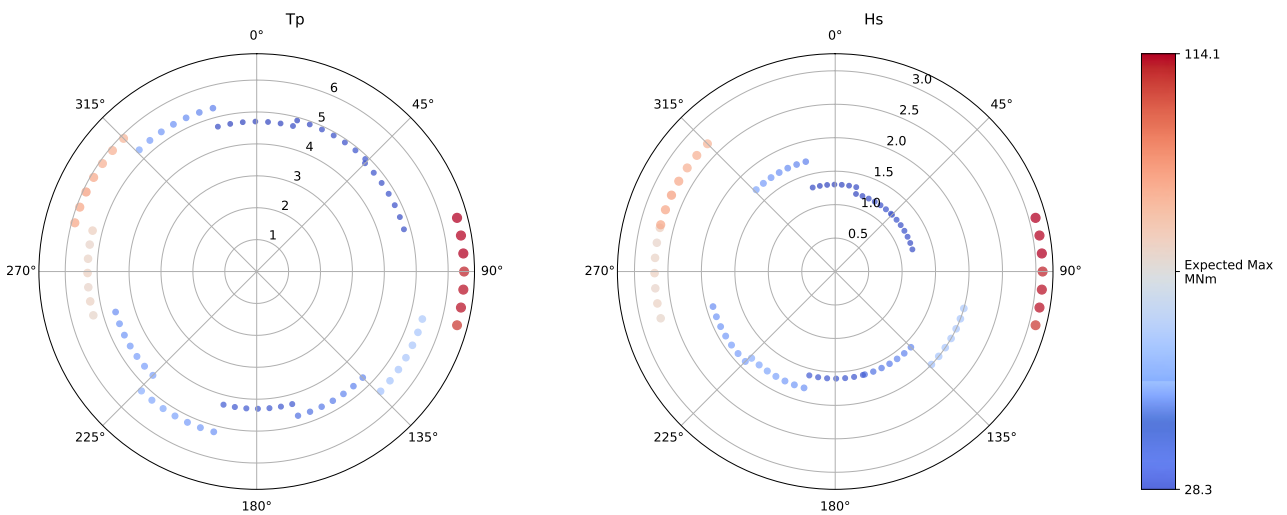
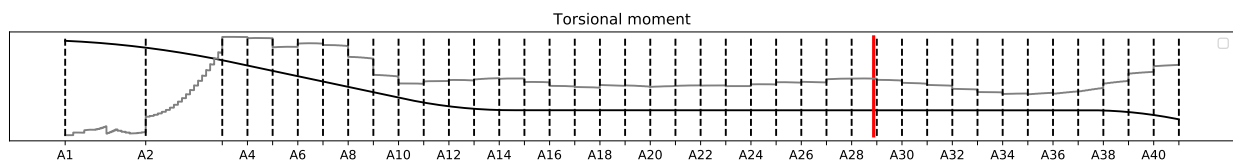
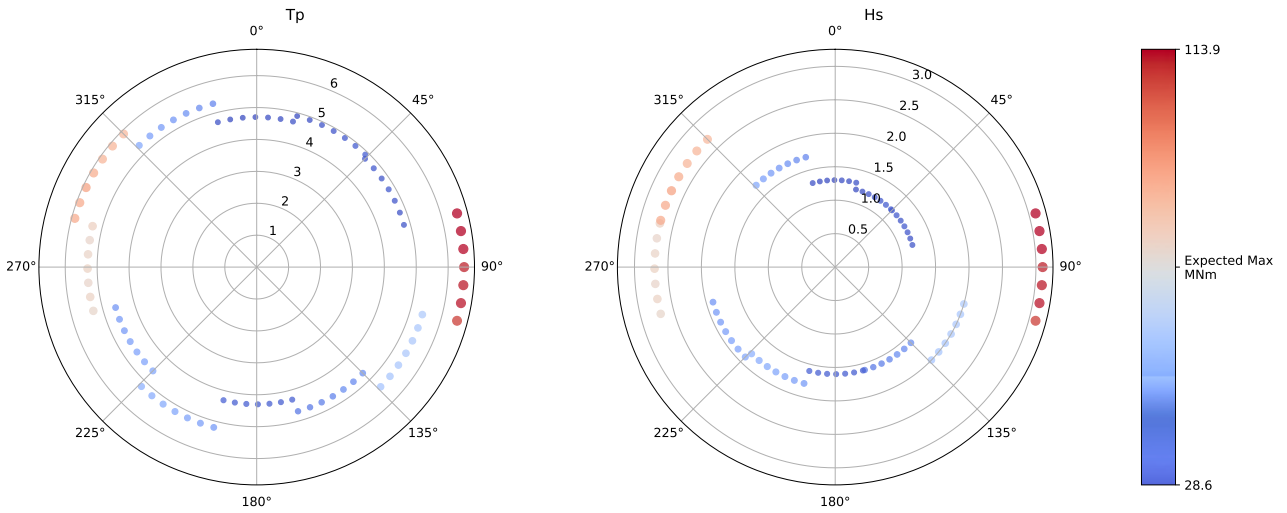
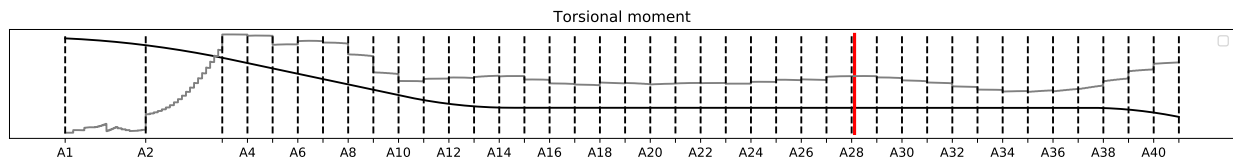


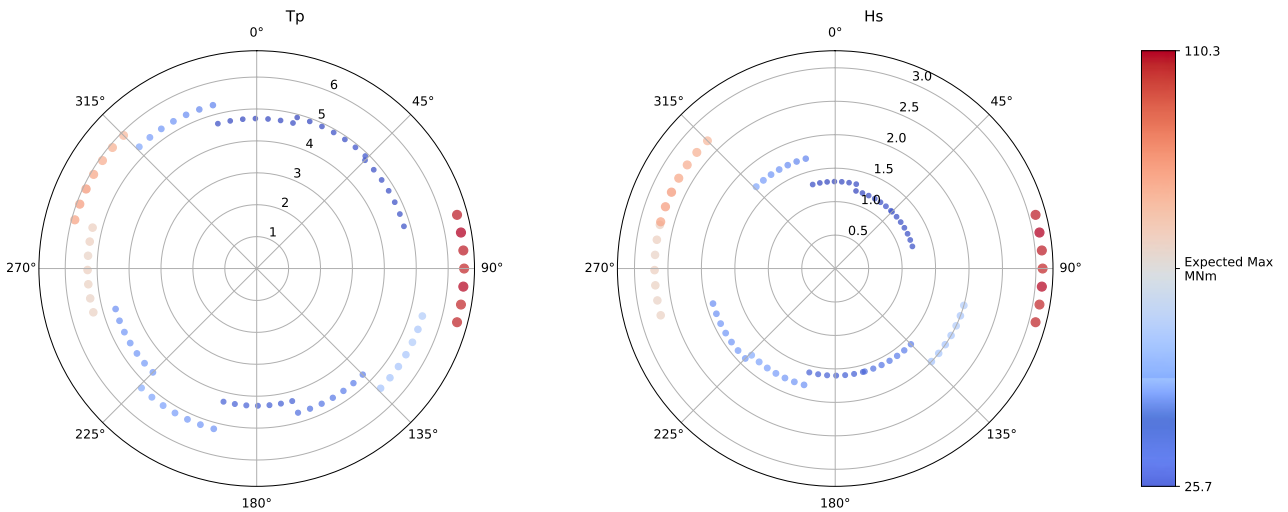
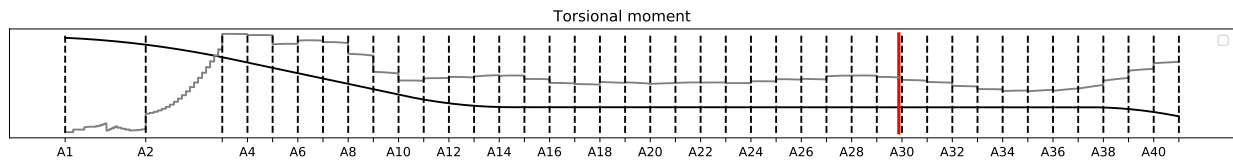
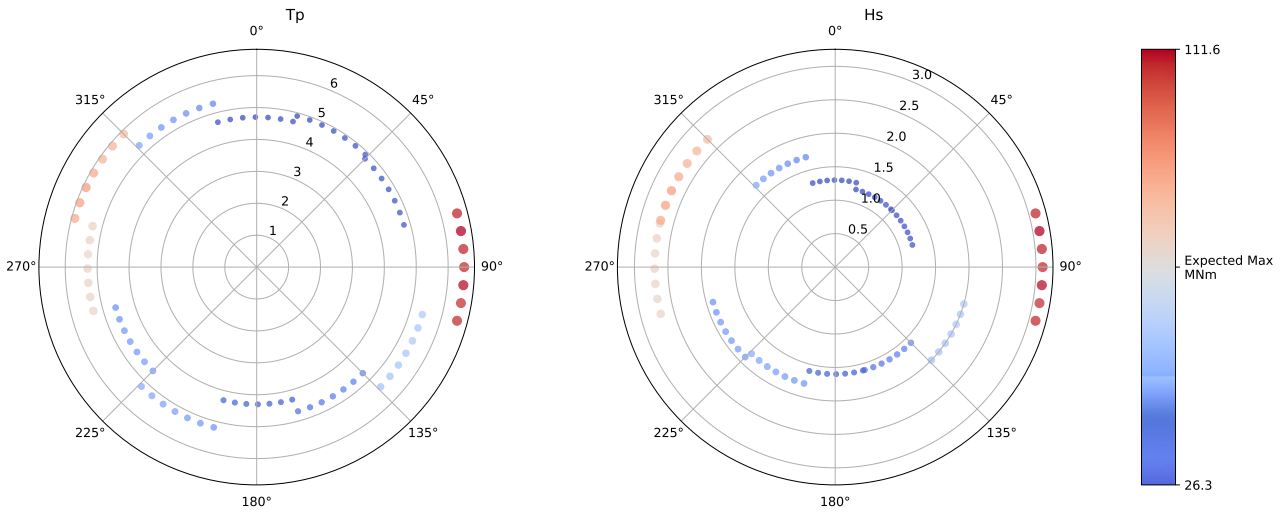
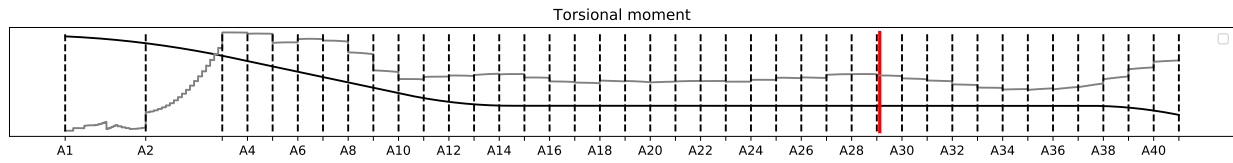


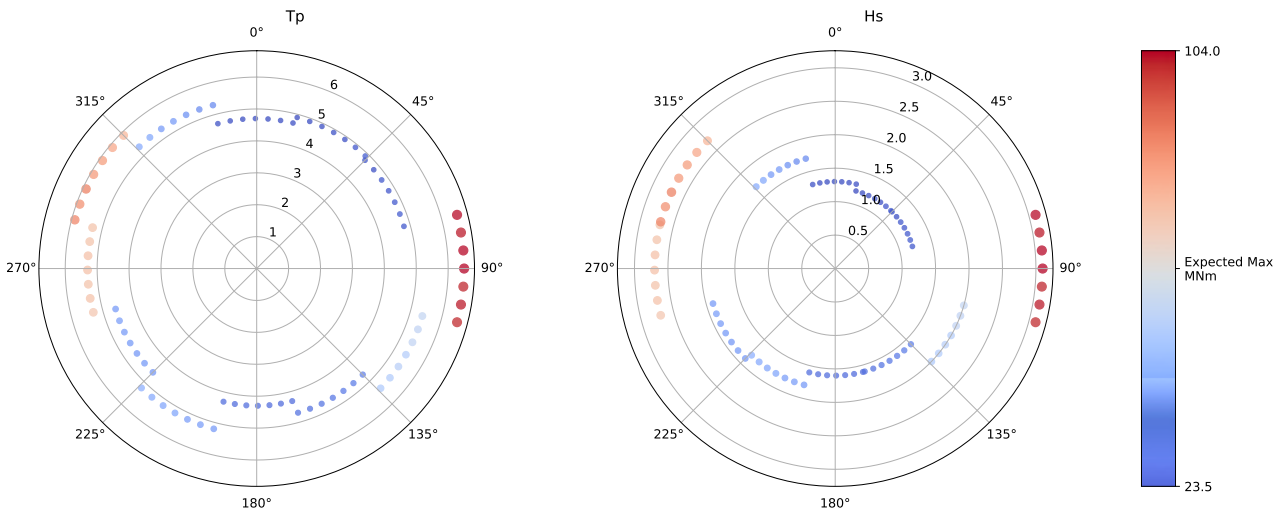
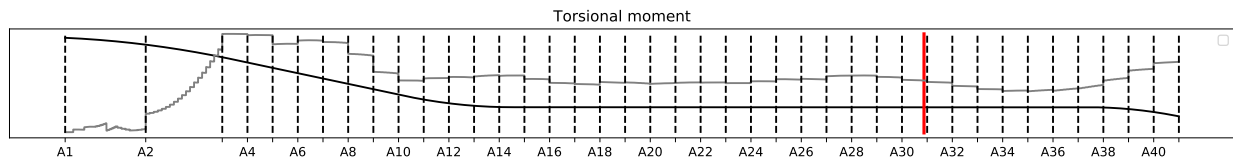
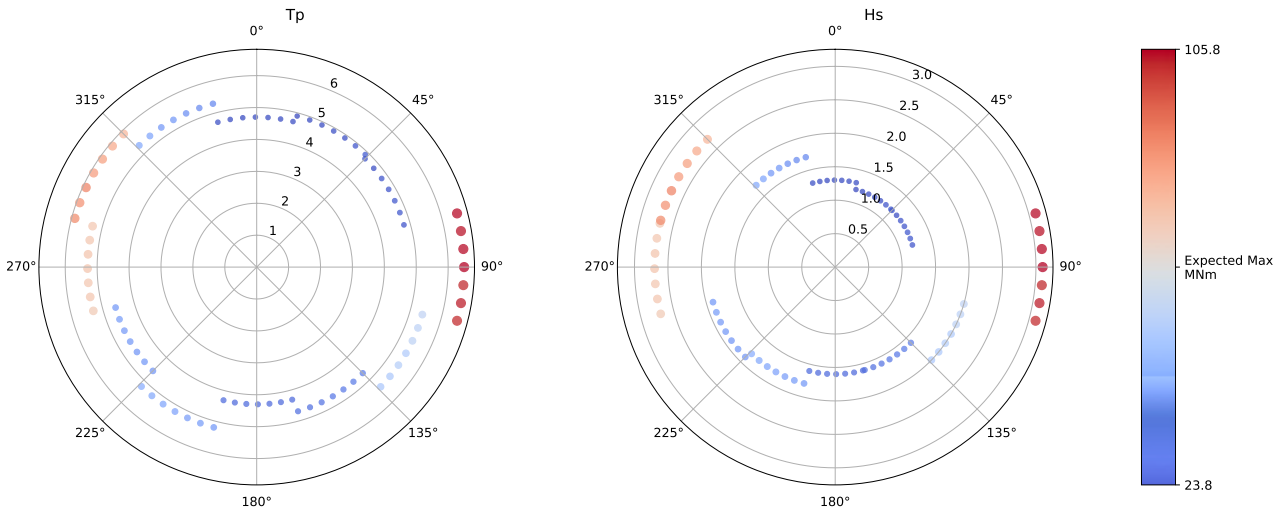
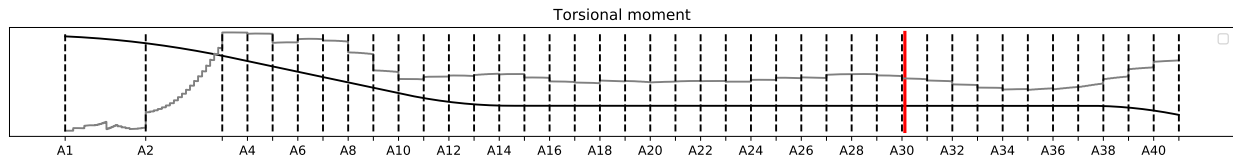


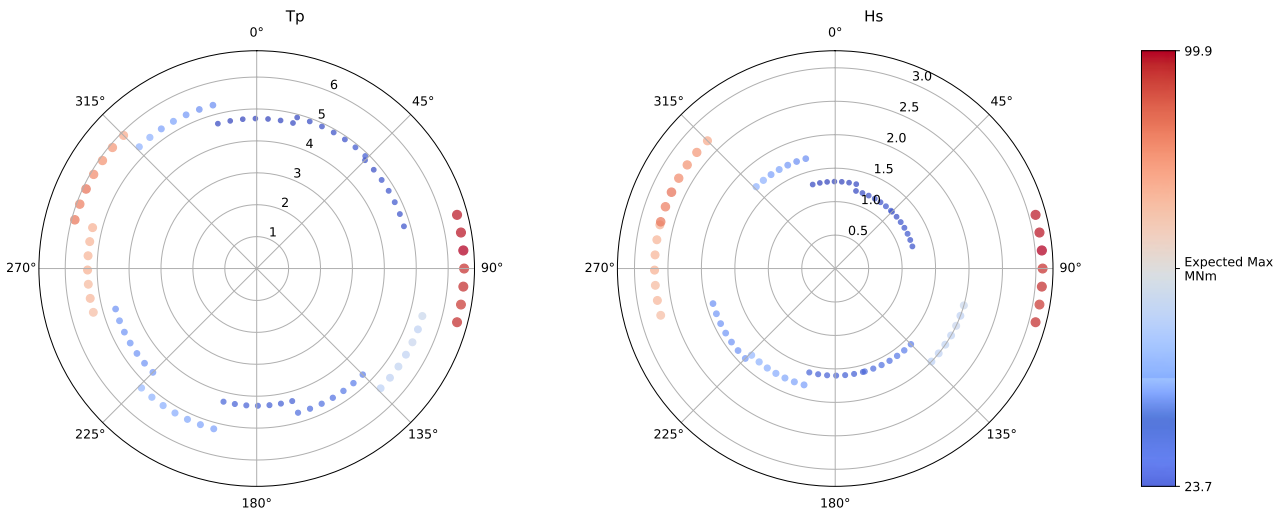
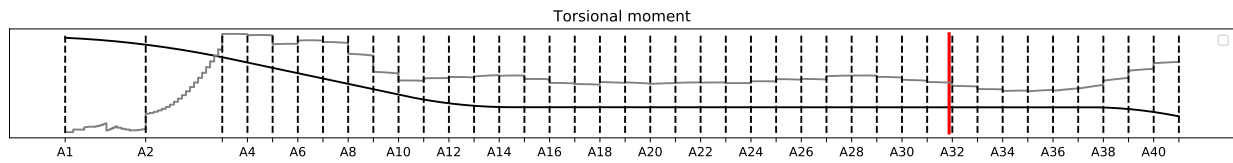
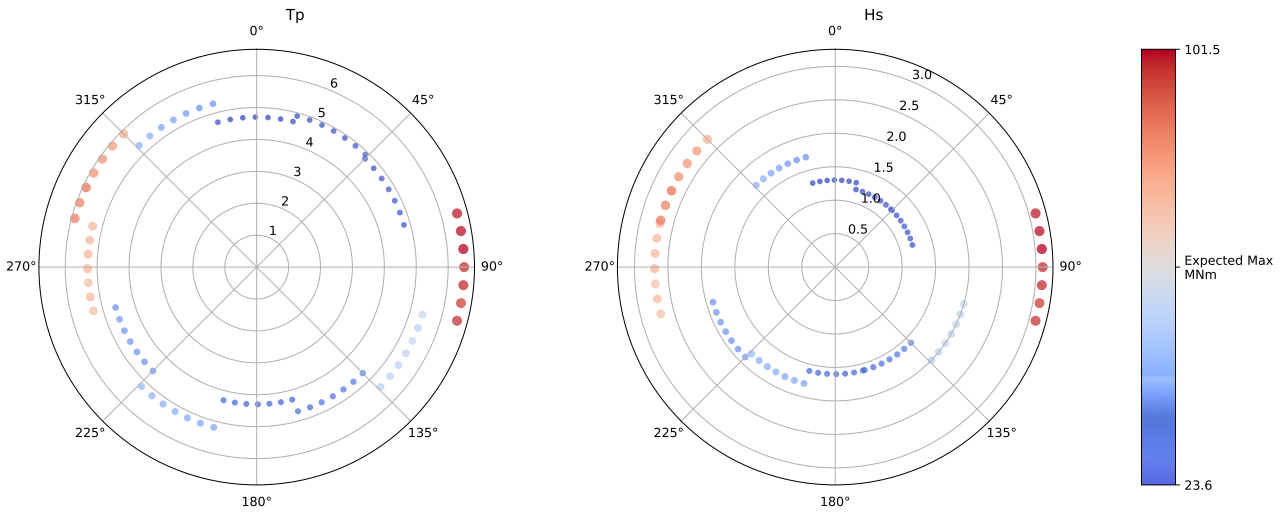
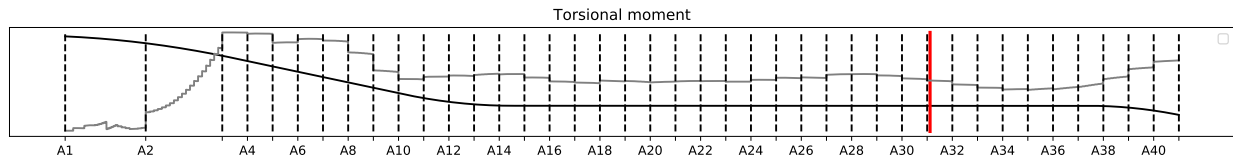


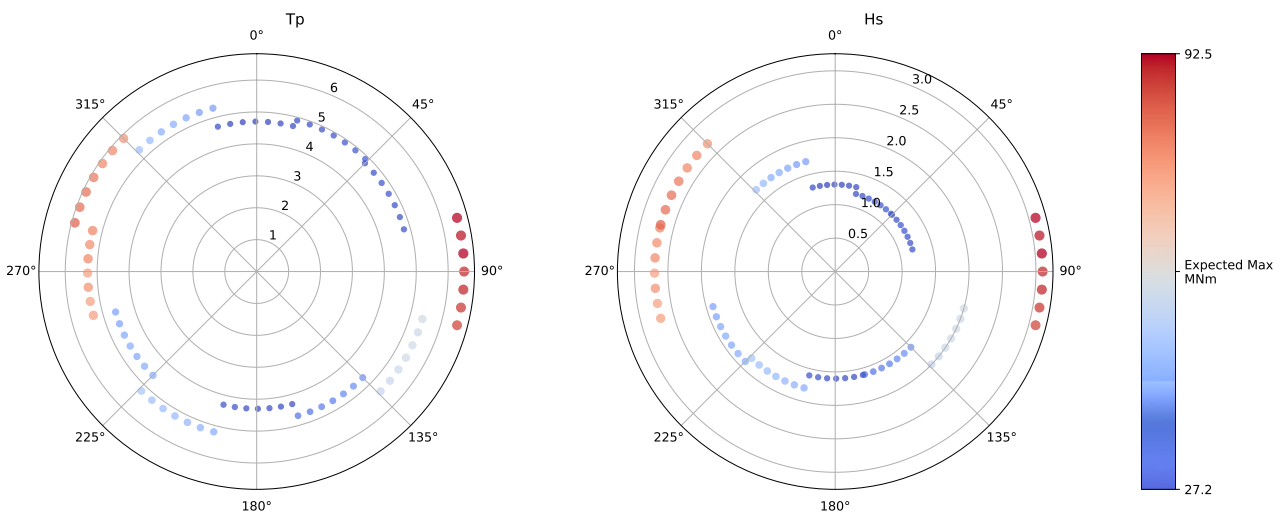
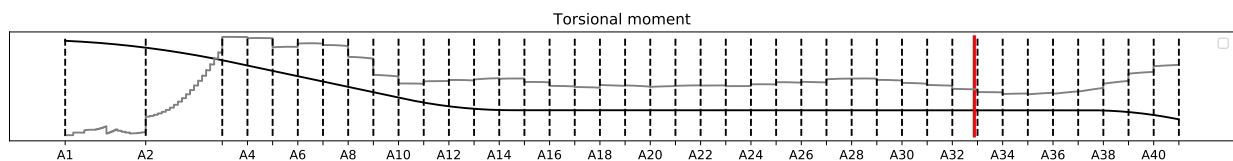
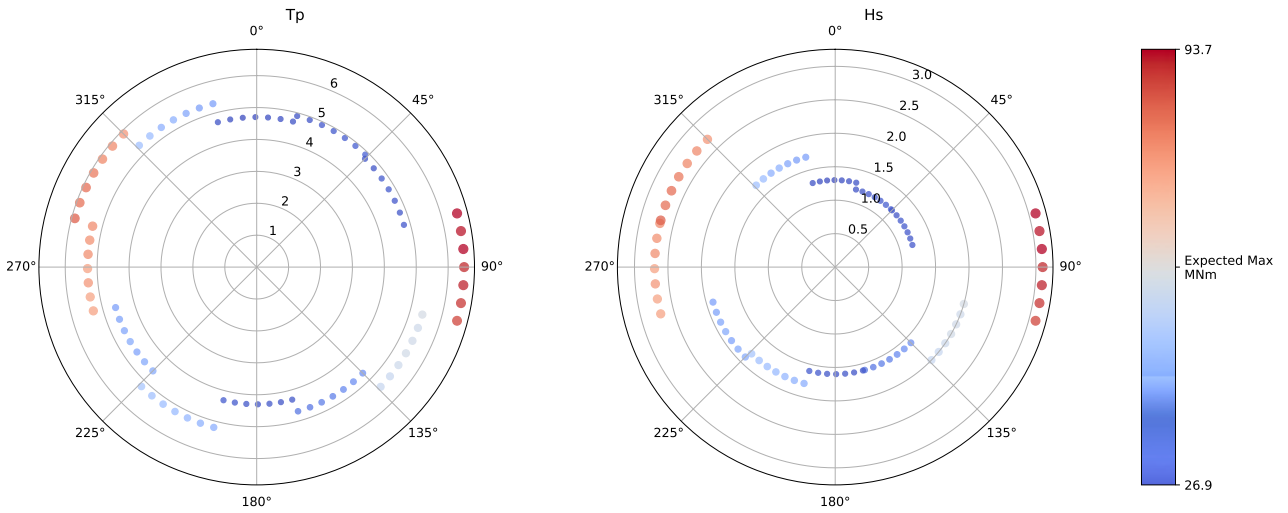
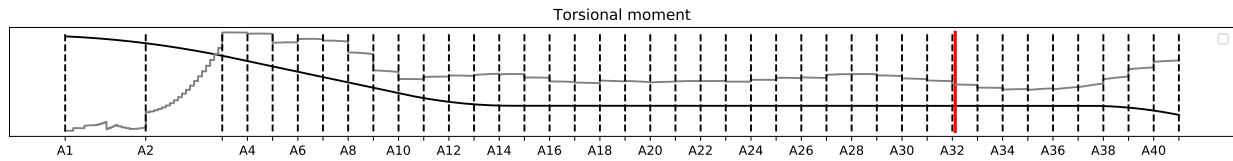


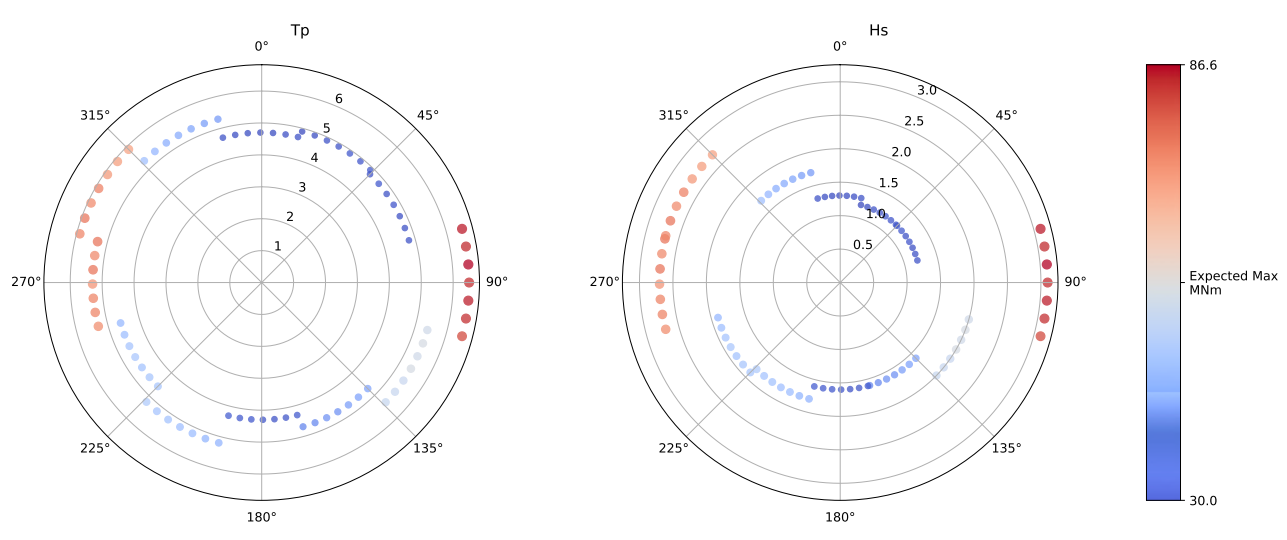
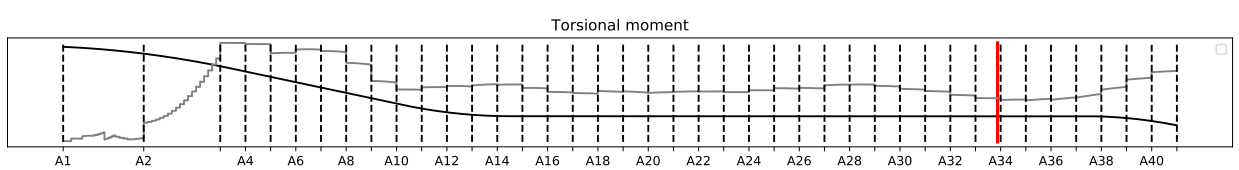
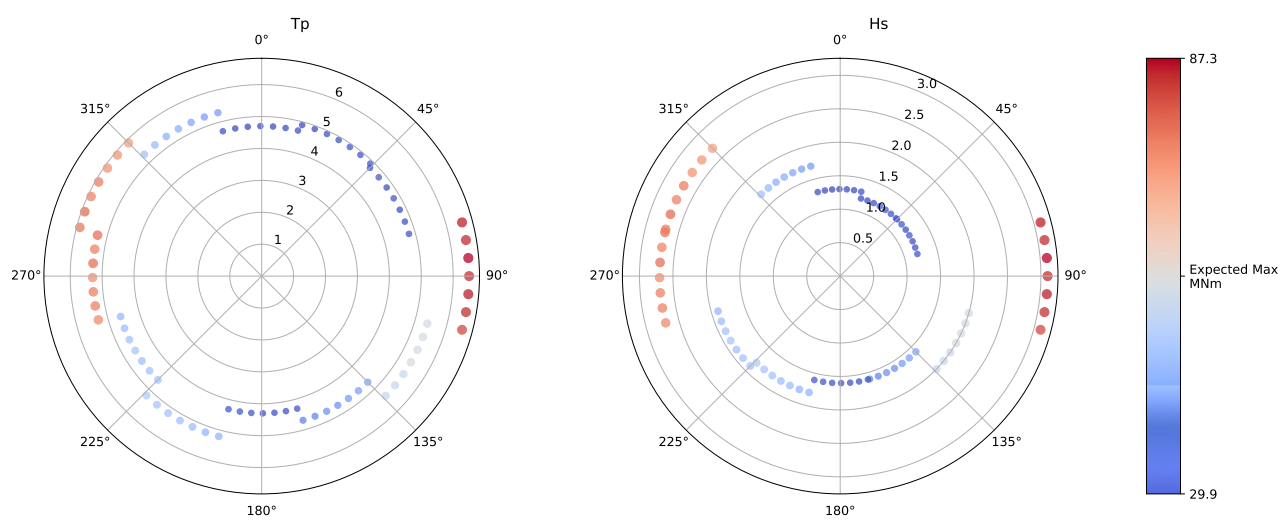
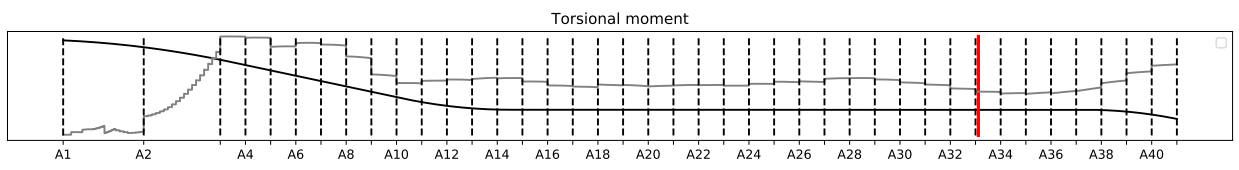


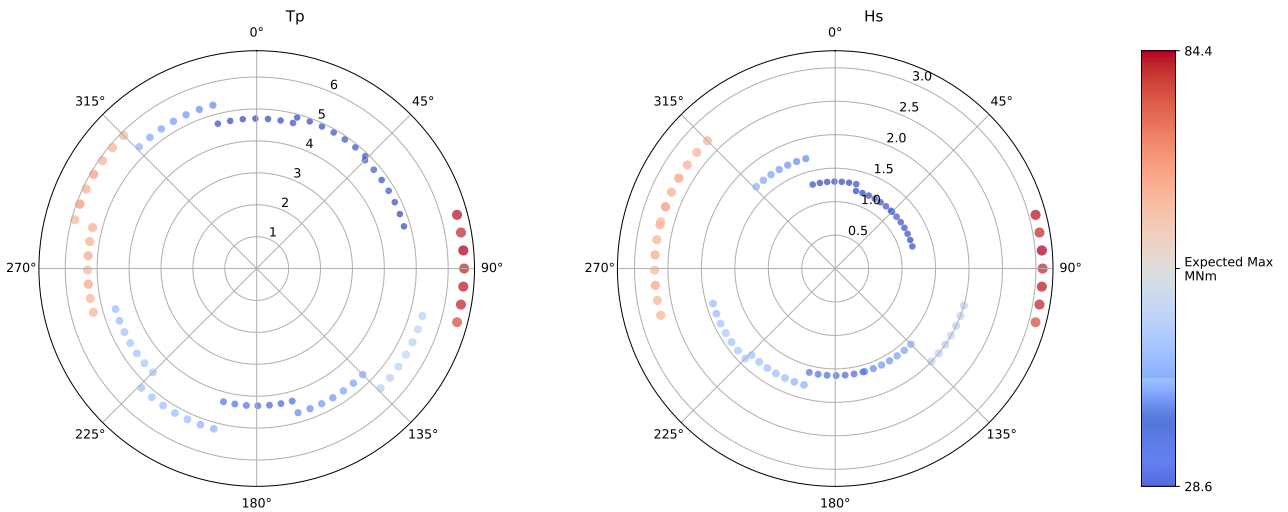
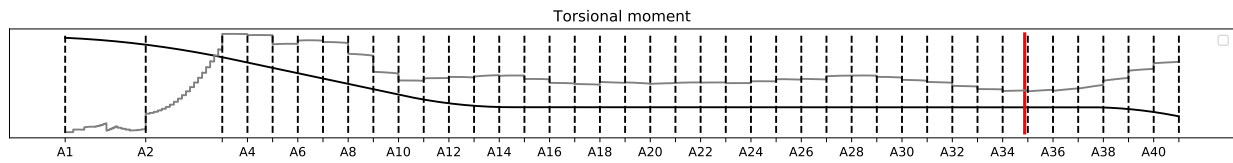
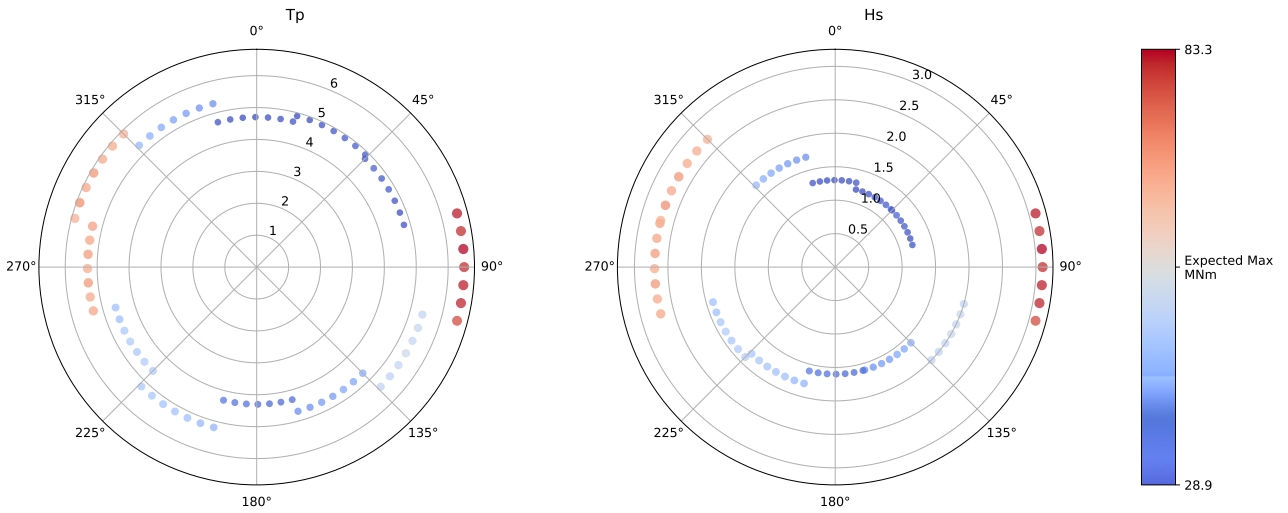
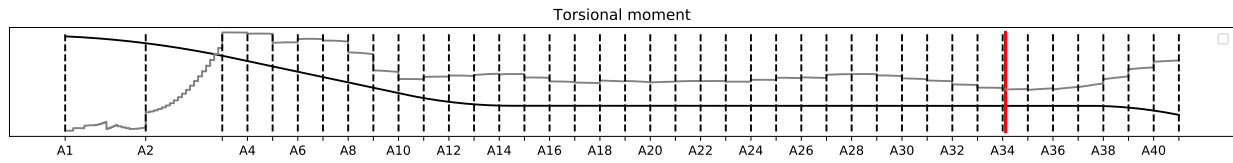


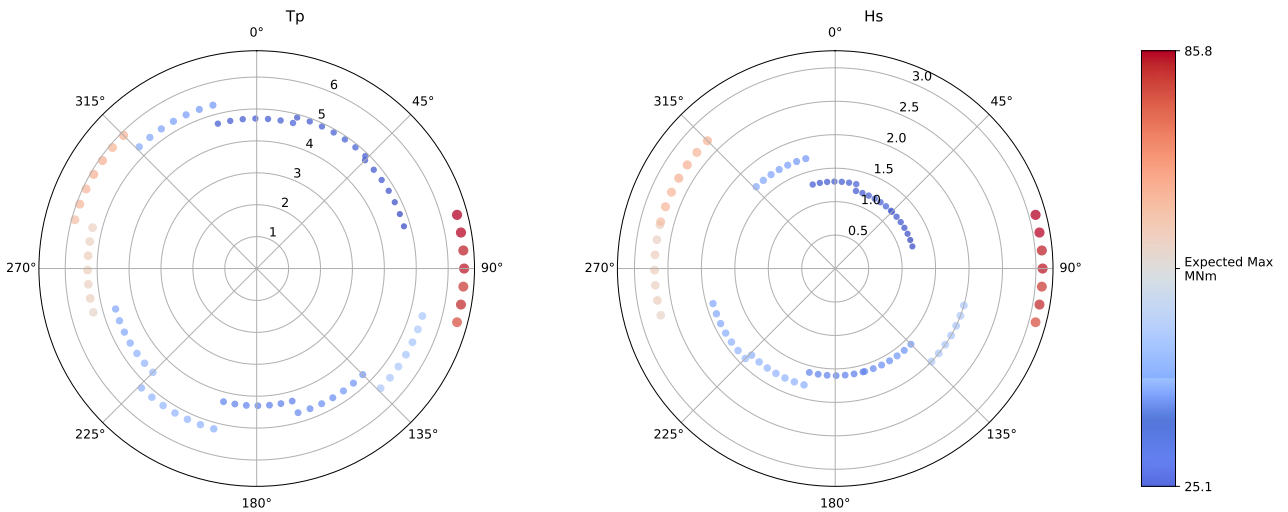
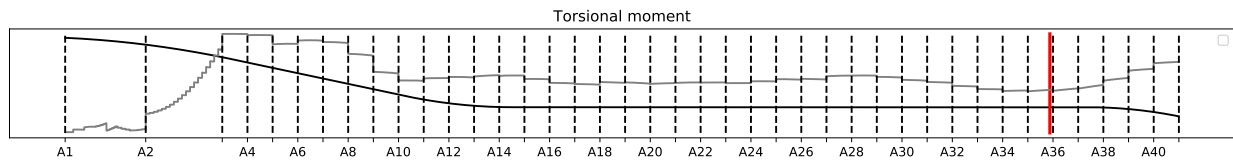
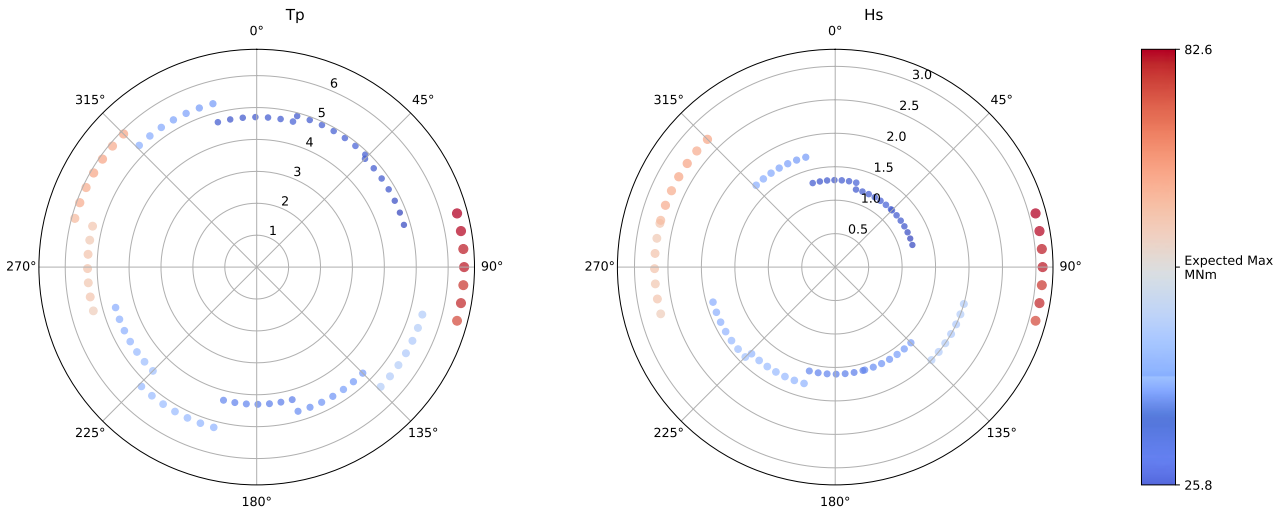
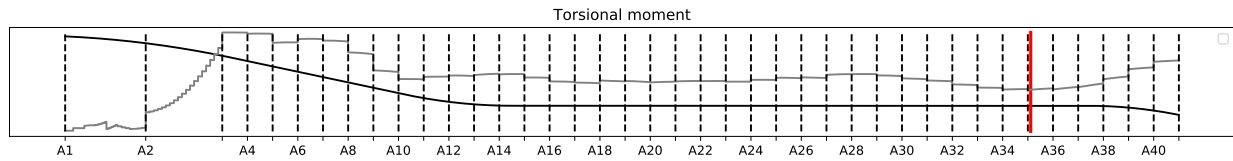


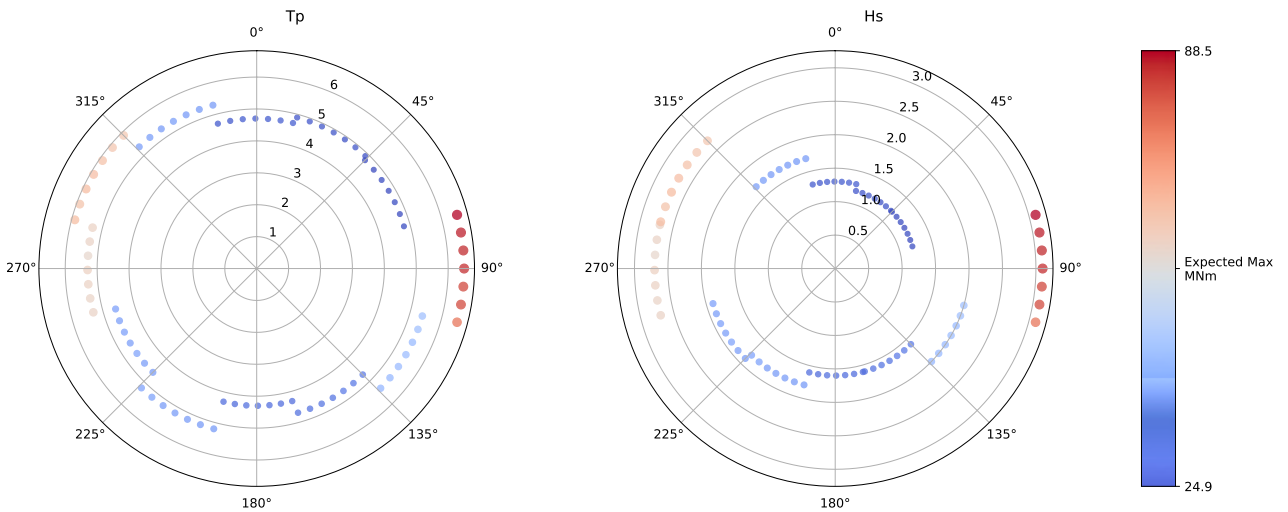
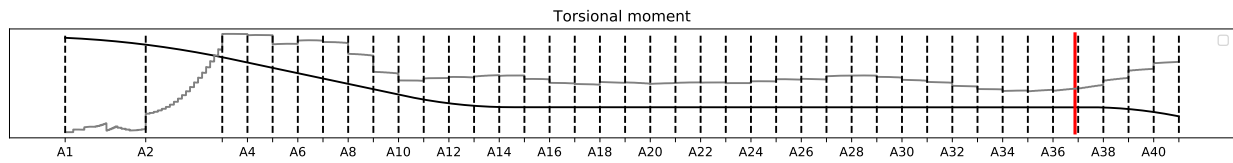
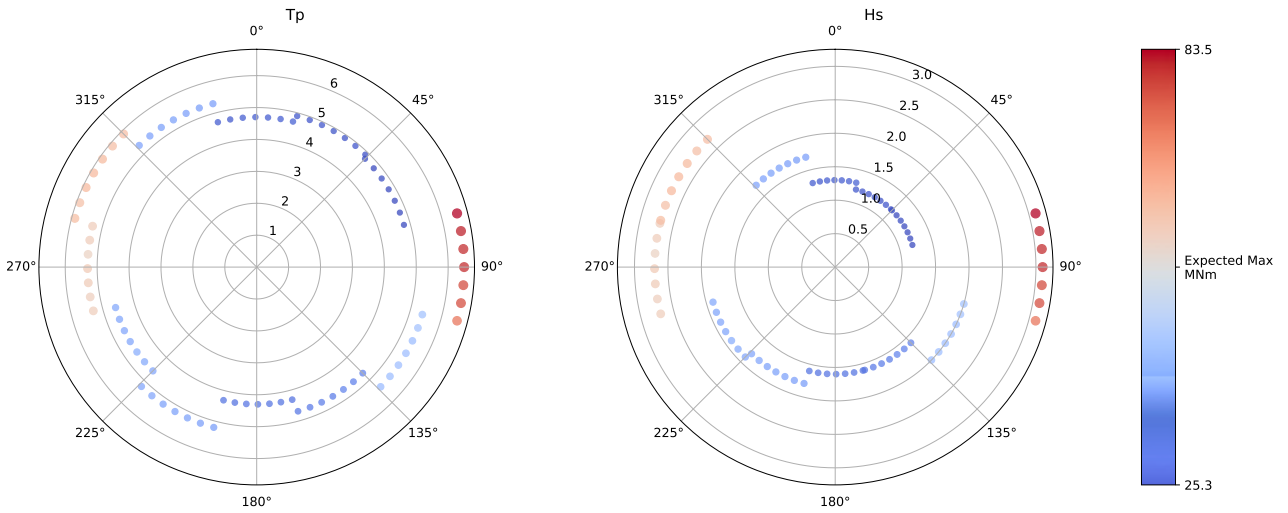
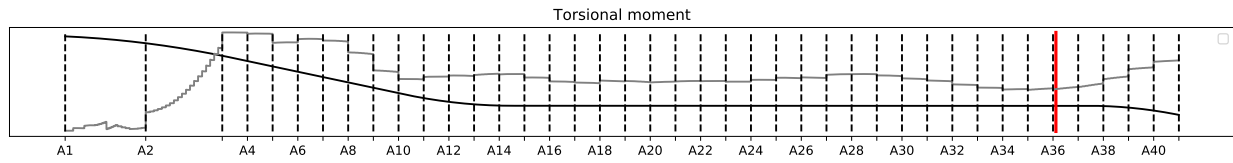


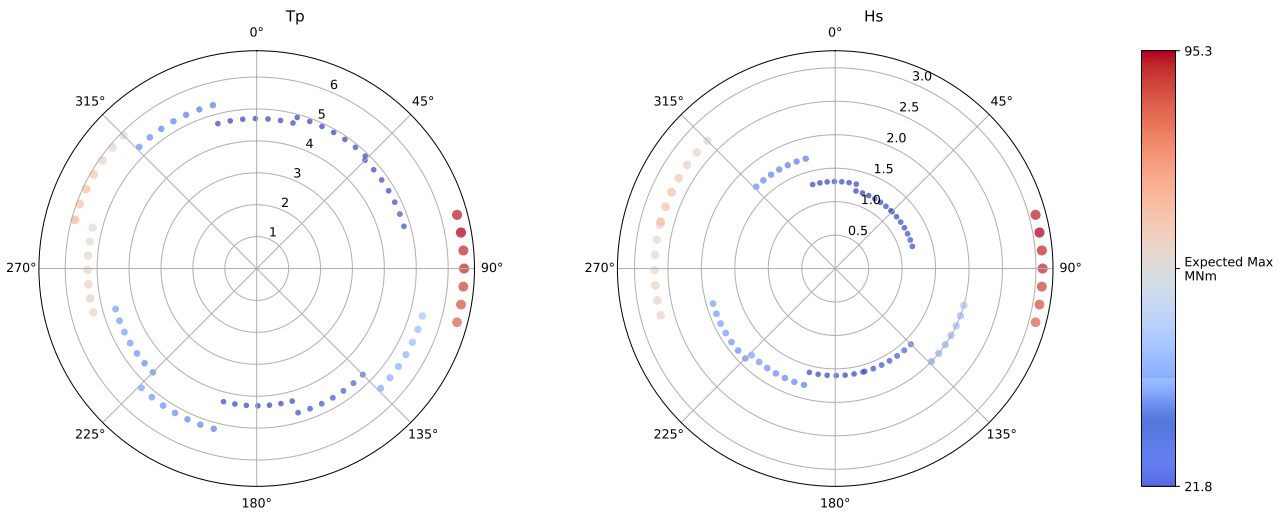
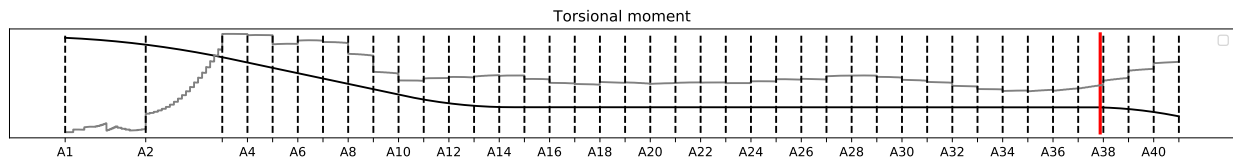
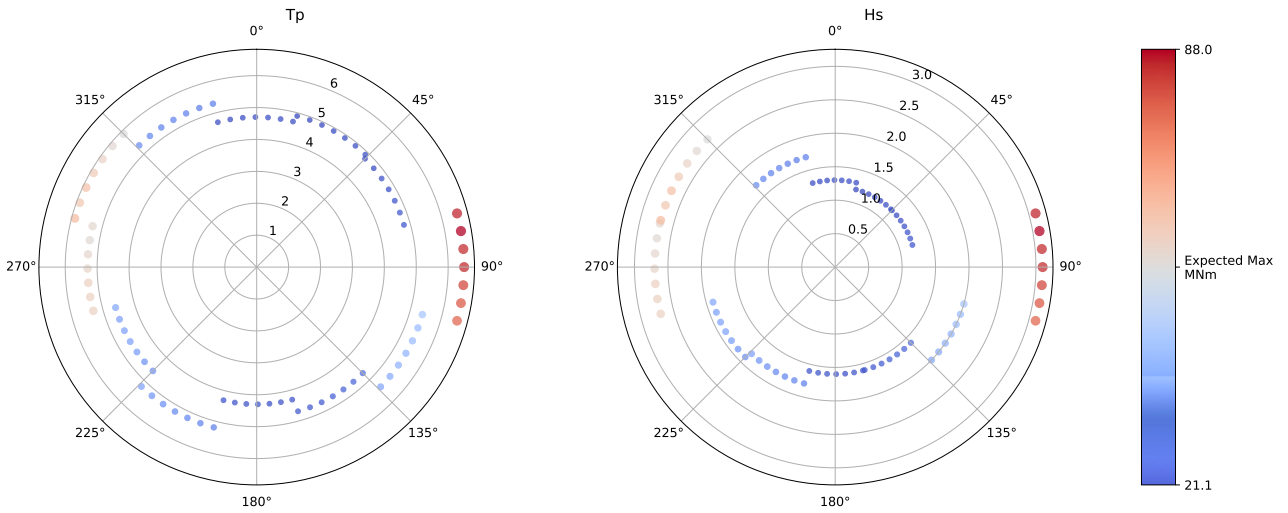
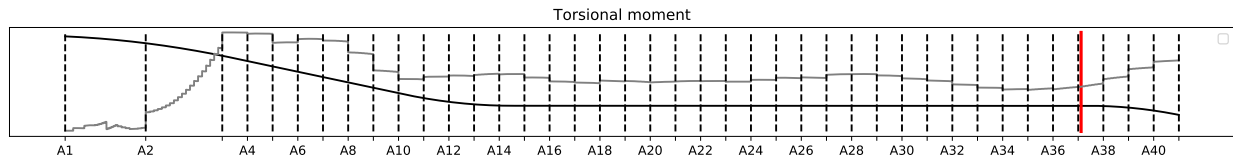


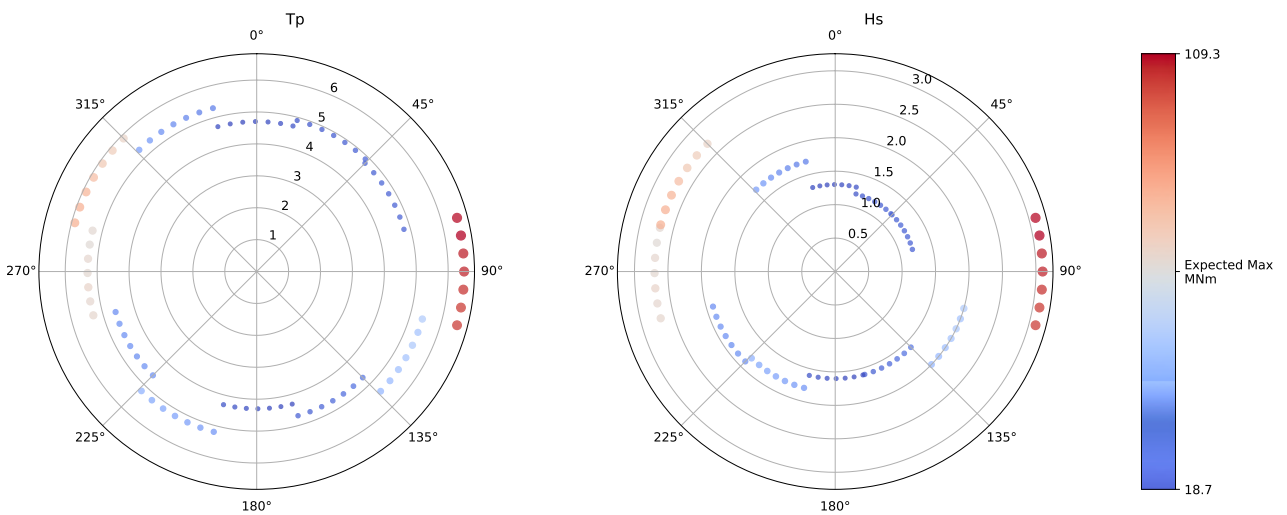
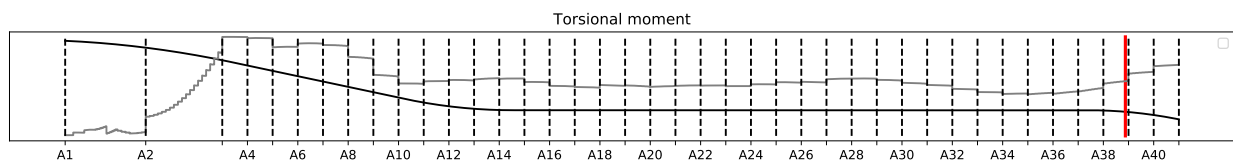
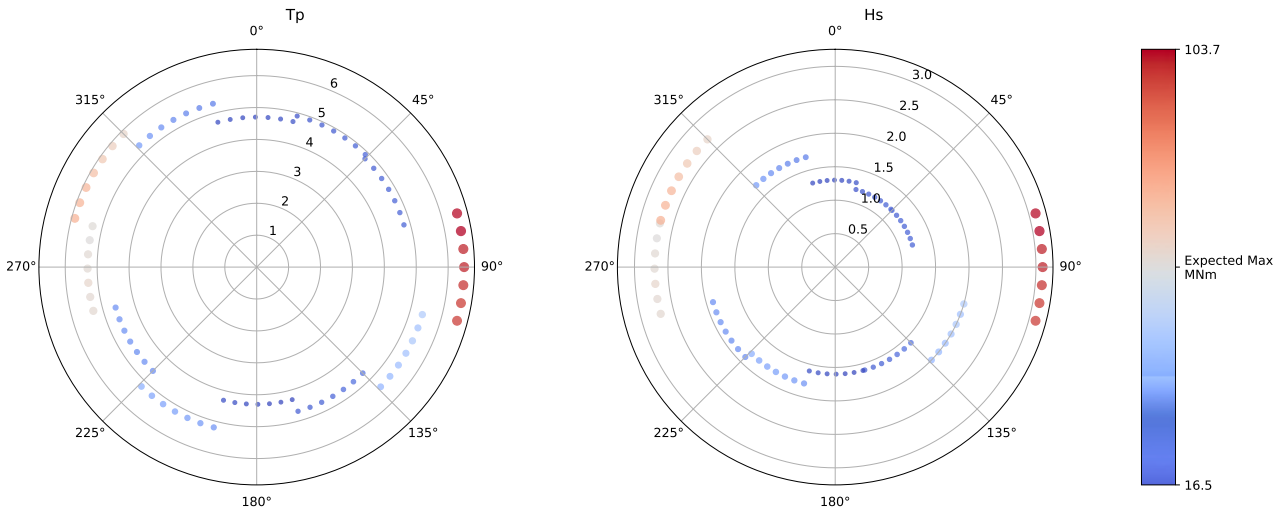
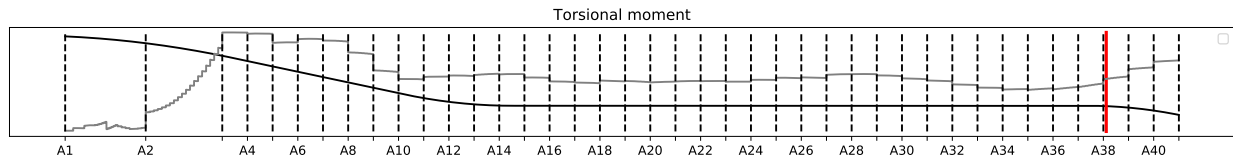


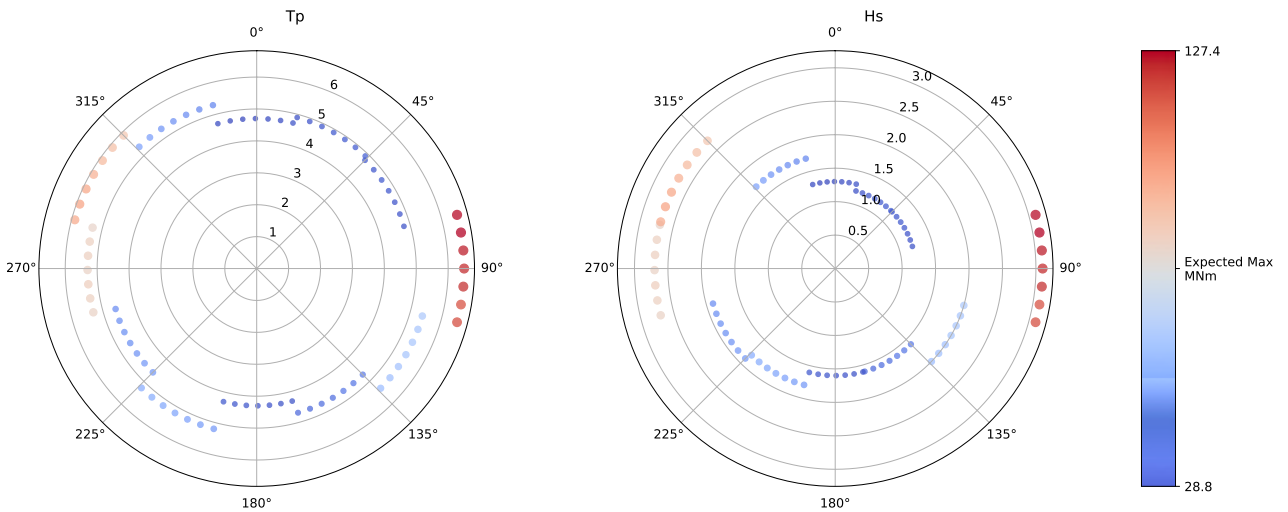
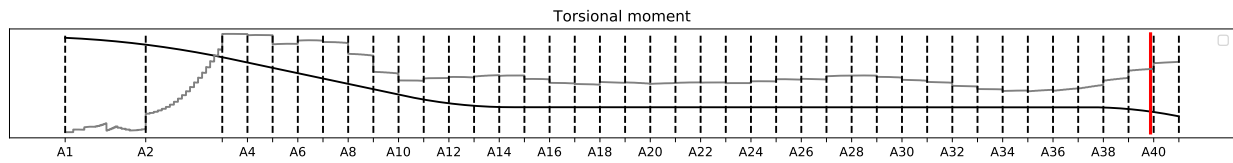
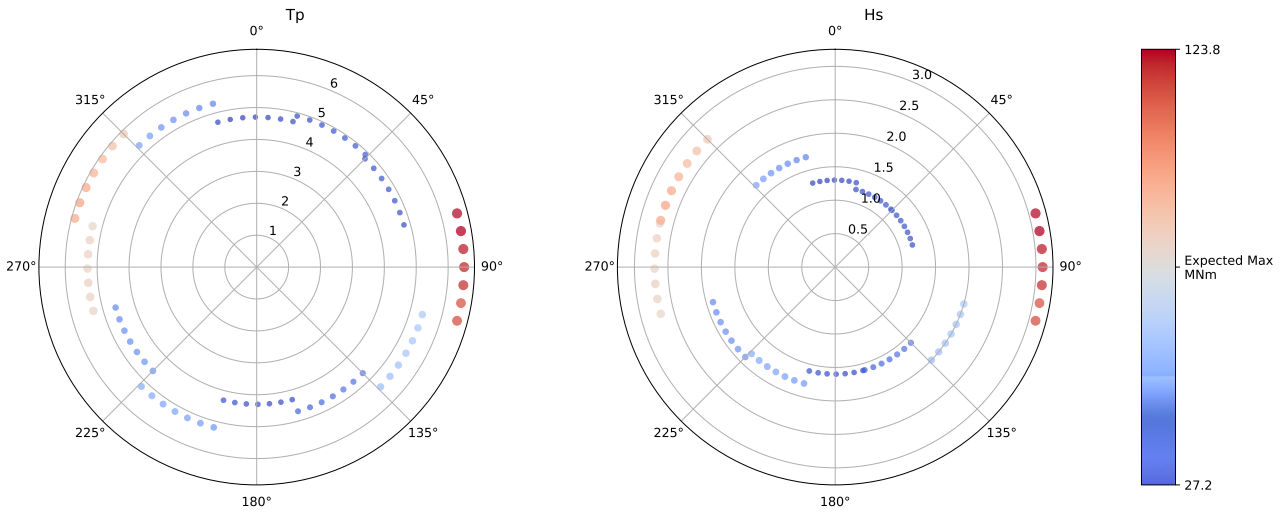
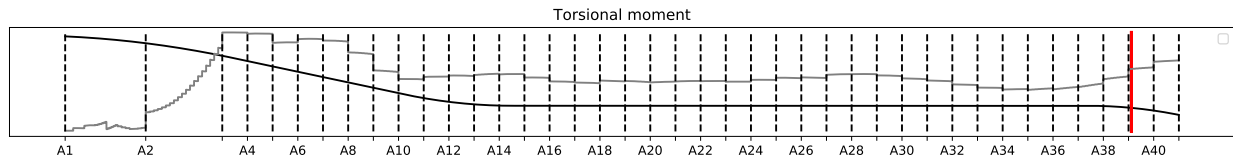


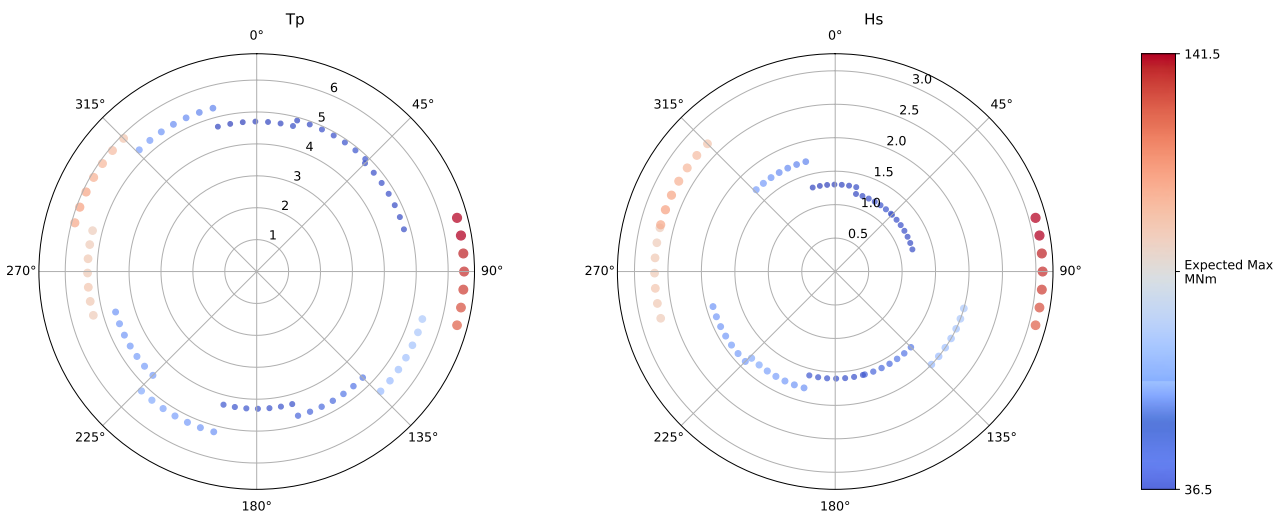
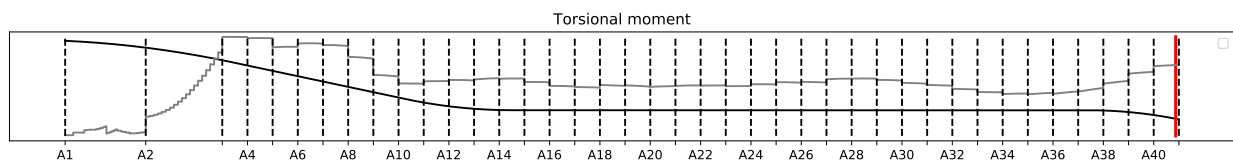
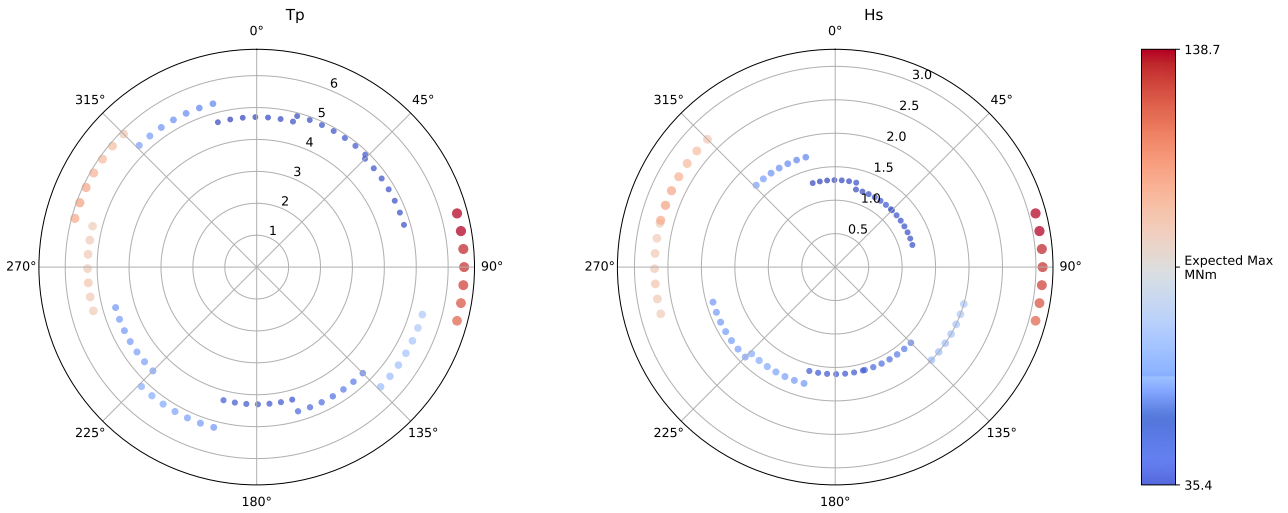
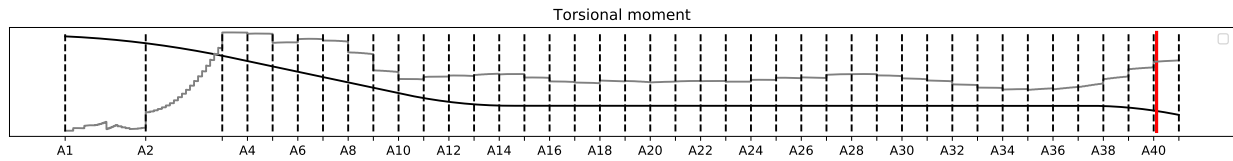












Concept development, floating bridge E39 Bjørnafjorden

Appendix G – Enclosure 9

Screening swell 1 year

K12_07_SC_s_1yr_rose_plots

July 6, 2019



Contents

1	Bridge girder Axial force	3
2	Bridge girder Bending moment about strong axis	43
3	Bridge girder Bending moment about weak axis	83
4	Bridge girder Torsional moment	123

1 Bridge girder Axial force

