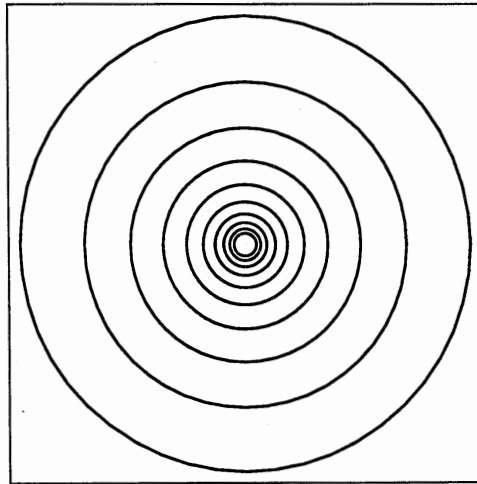


Gone With The Wind 2...

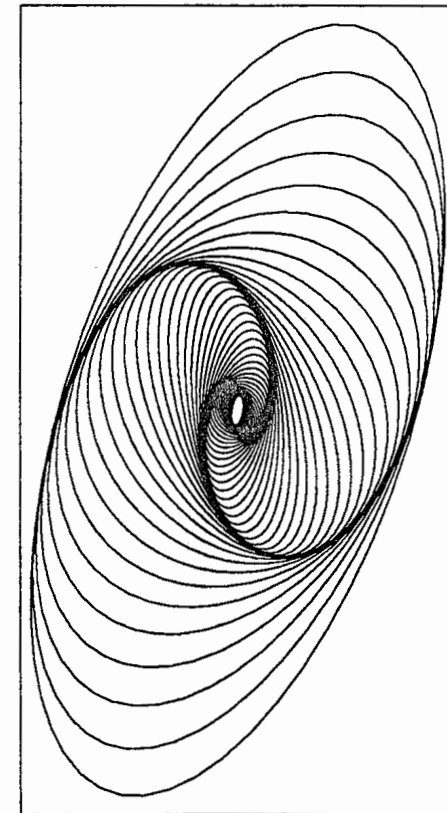
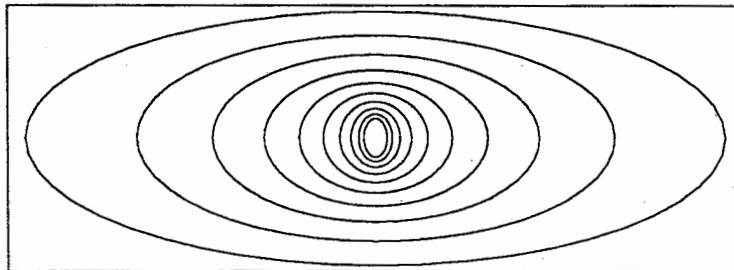


Generalised Scaling Invariance GSI

Isotropic, but not
homogeneous GSI

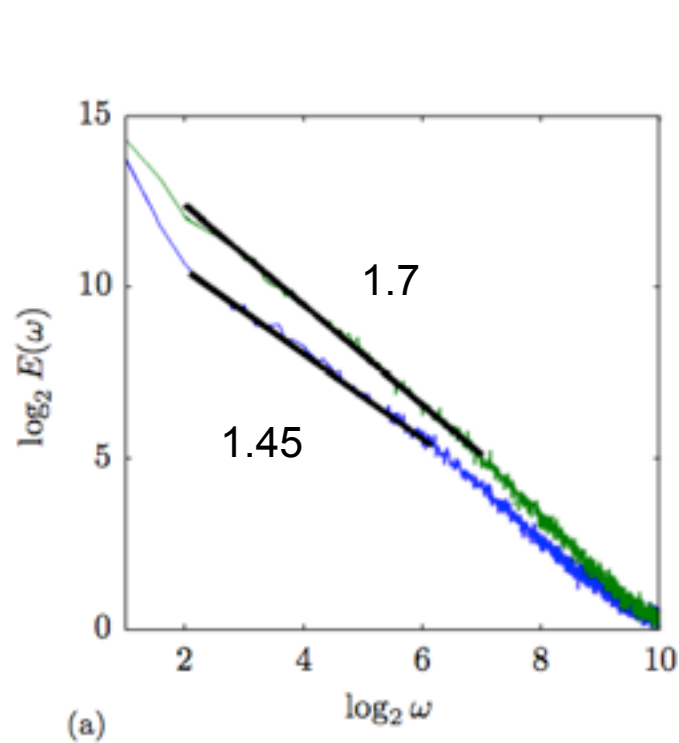


23/9 Dimensional model

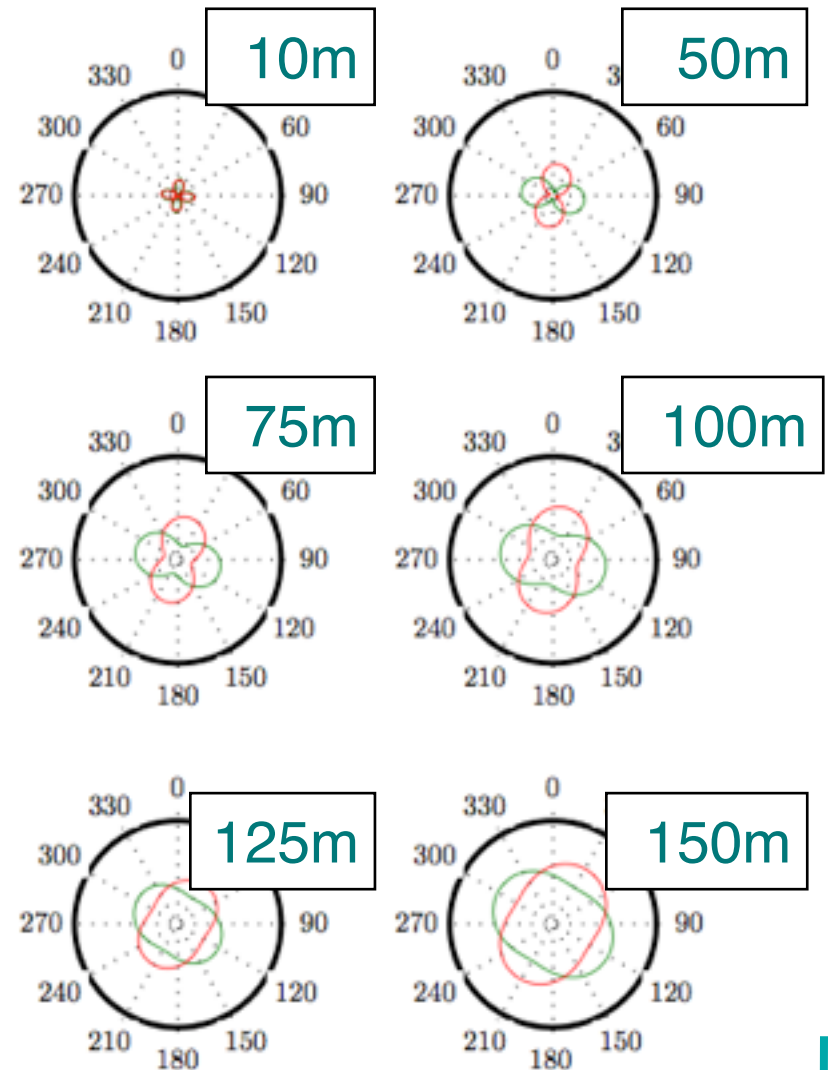


self-affine with
differential rotation
(stratification dominant)

Empirical Evidence Of Non-Linear GSI In The Surface-Layer

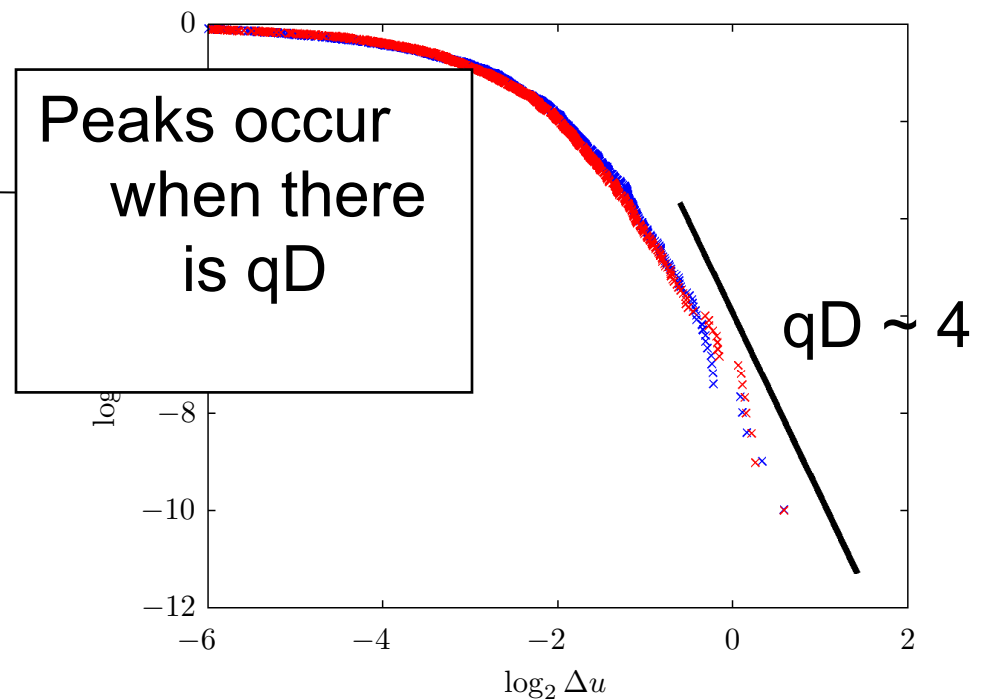
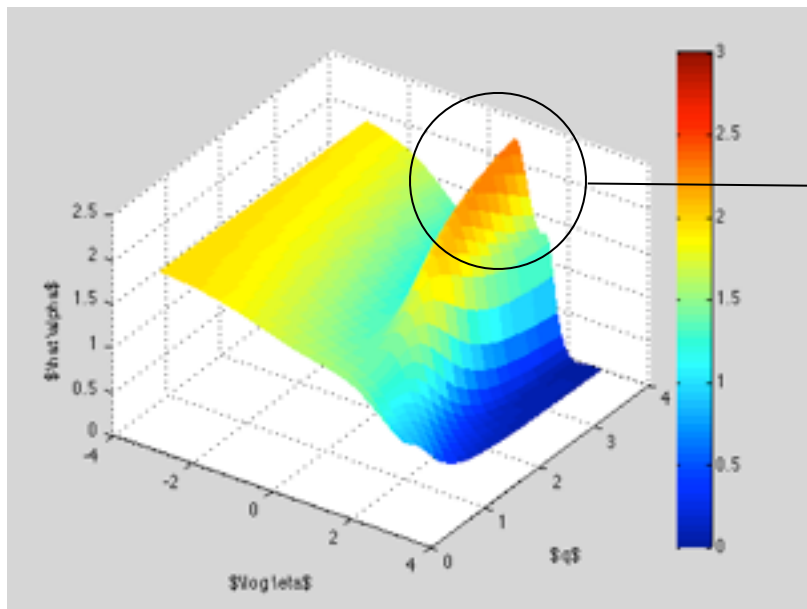


(a) Energy spectra of the velocity components **u** (blue) and **v** (green) ;



Extremes

Divergence of moments (qD) can be observed on individual samples of data (implies $D < 1$)



The moments of order $q > qD$ are infinite -
much more frequent extremes

