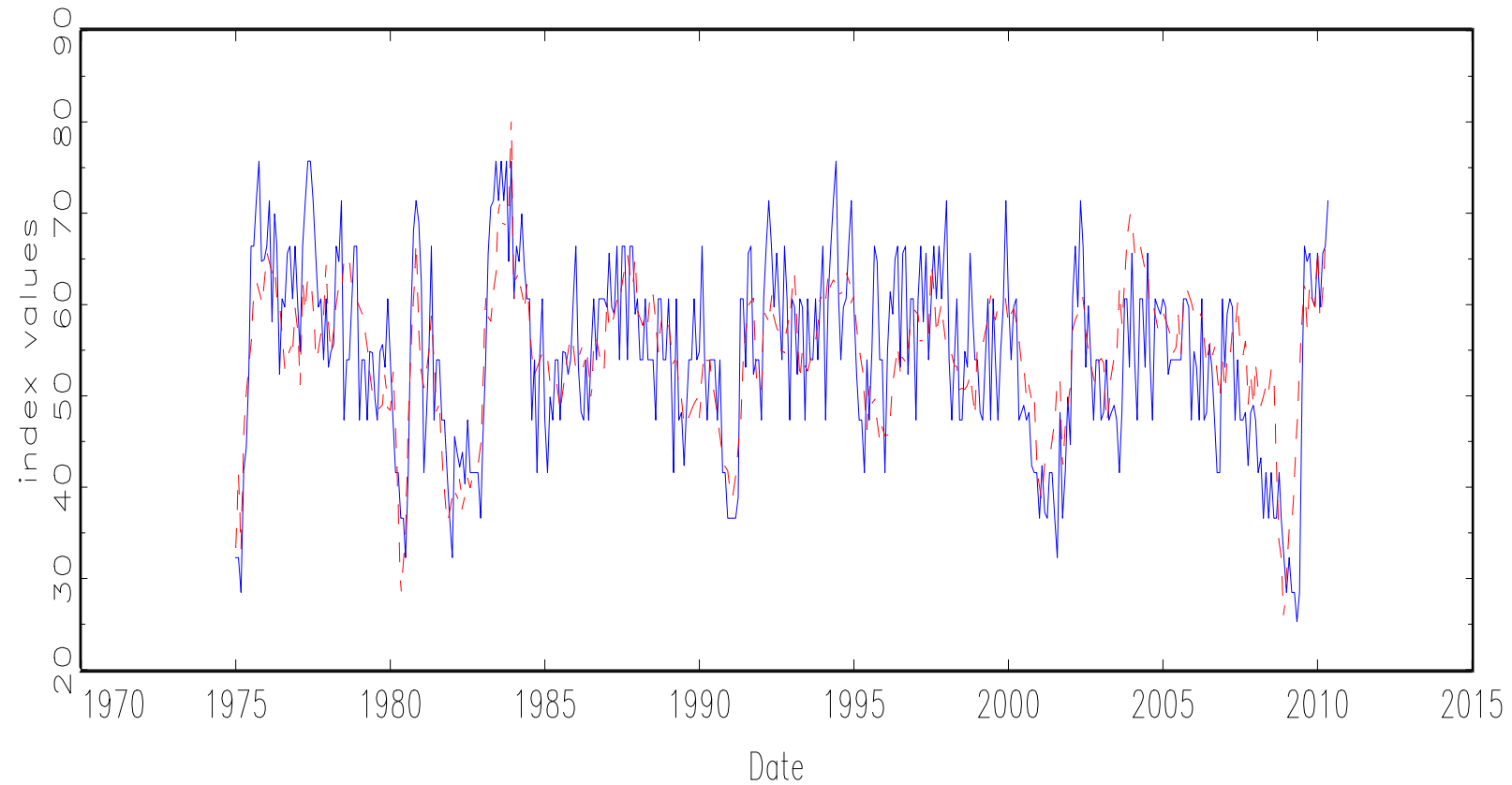


A. Synthetic Diffusion Index with Homogenous Sectors,  $\alpha = 0.13$ ,  $\tau = 3.06$  (solid) and ISM index (dashed)



B. Synthetic Diffusion Index with Homogenous Sectors,  $\alpha = 1.00$ ,  $\tau = 0.00$  (solid) and ISM index (dashed)

