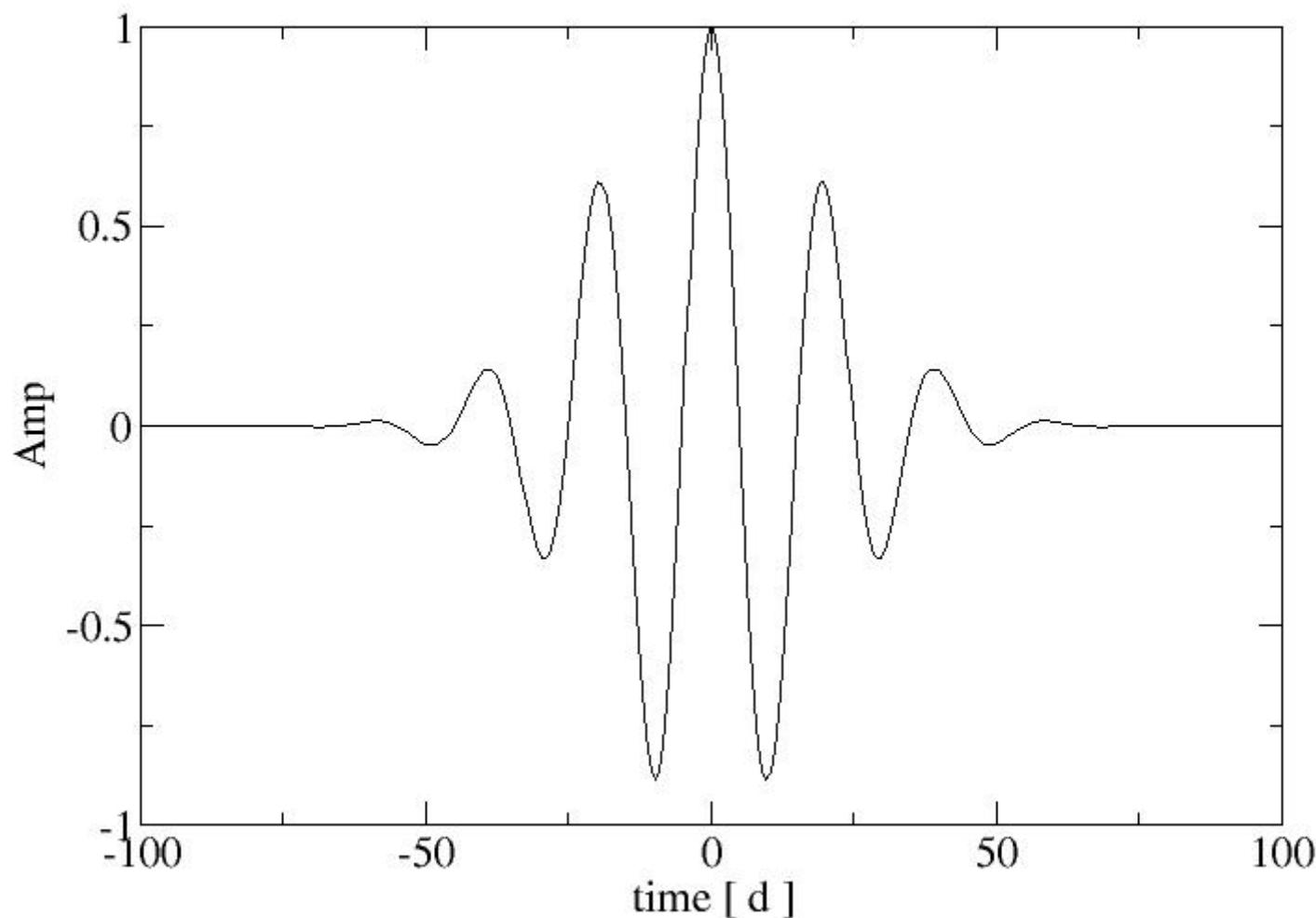
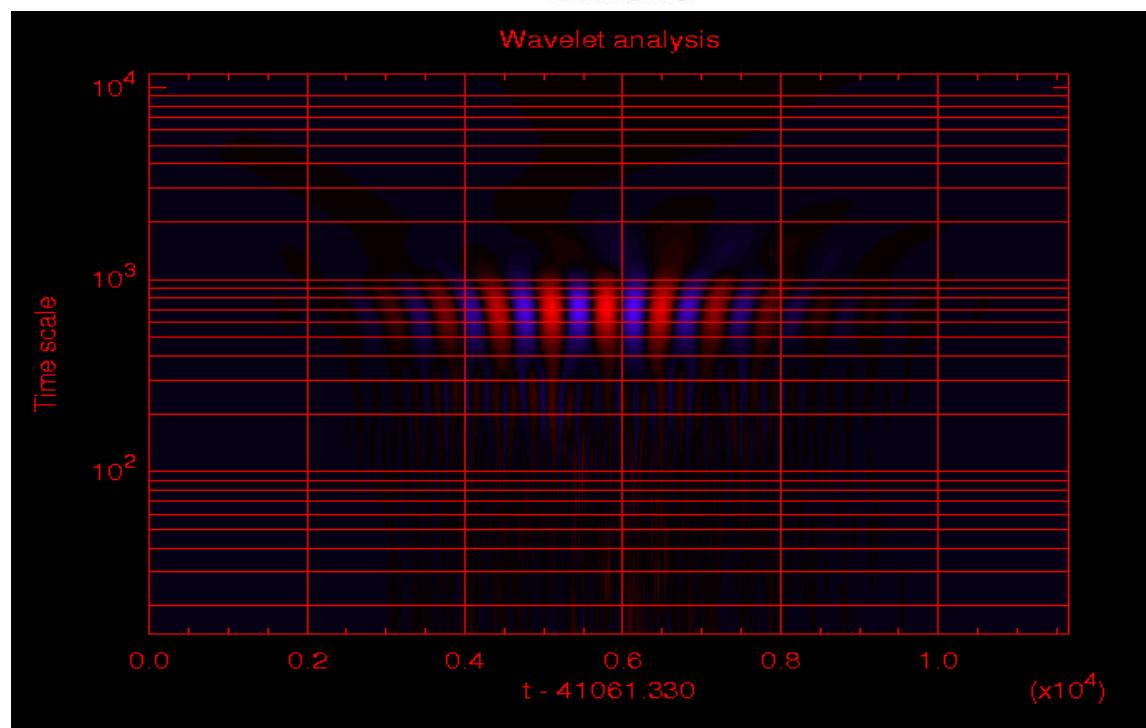
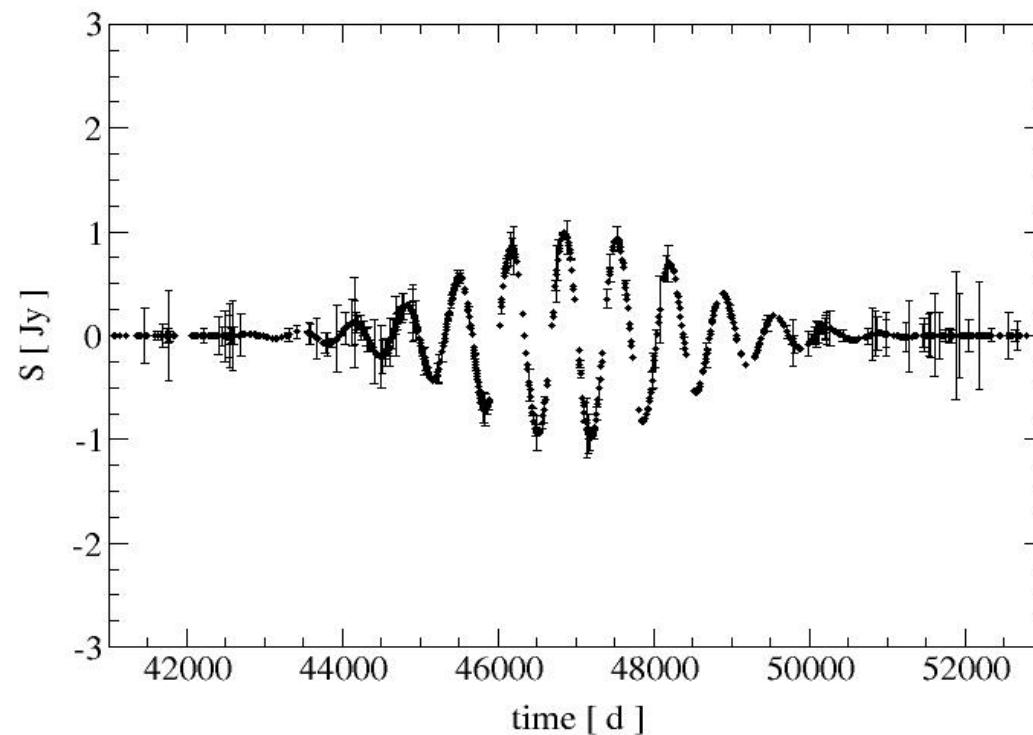


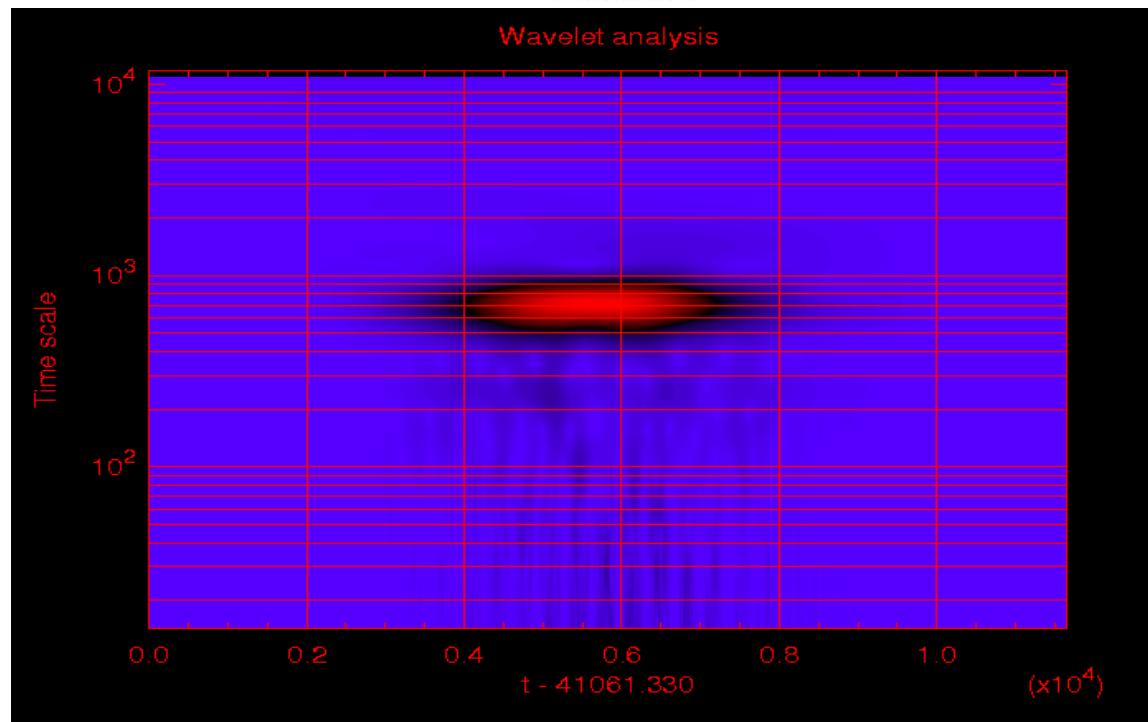
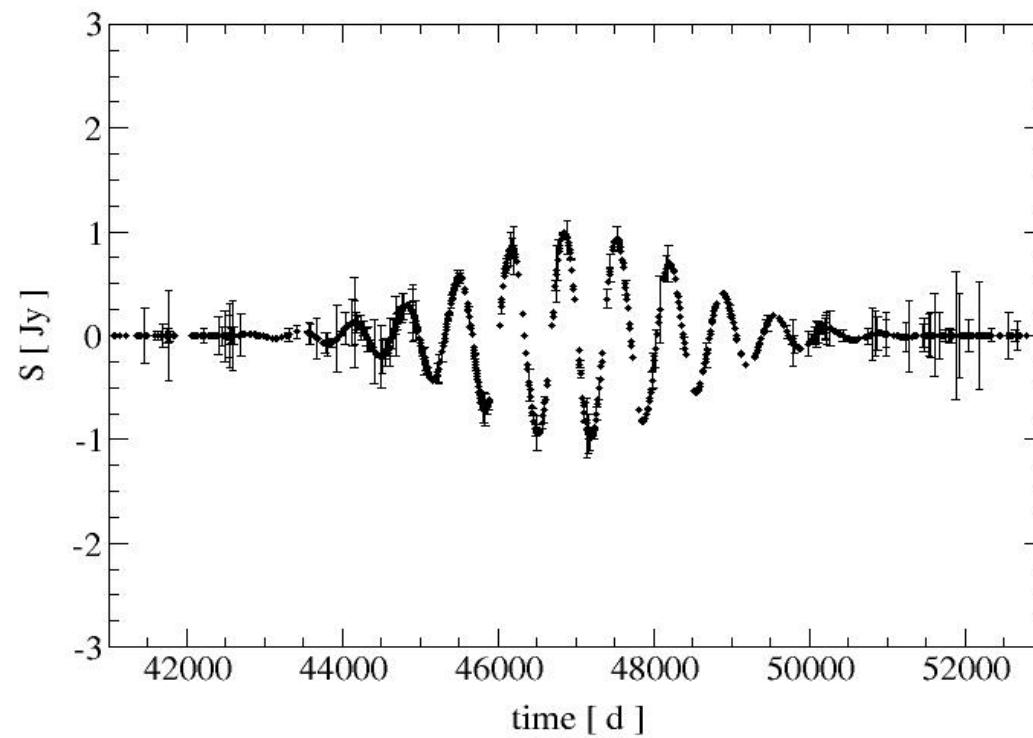
Morlet wavelet

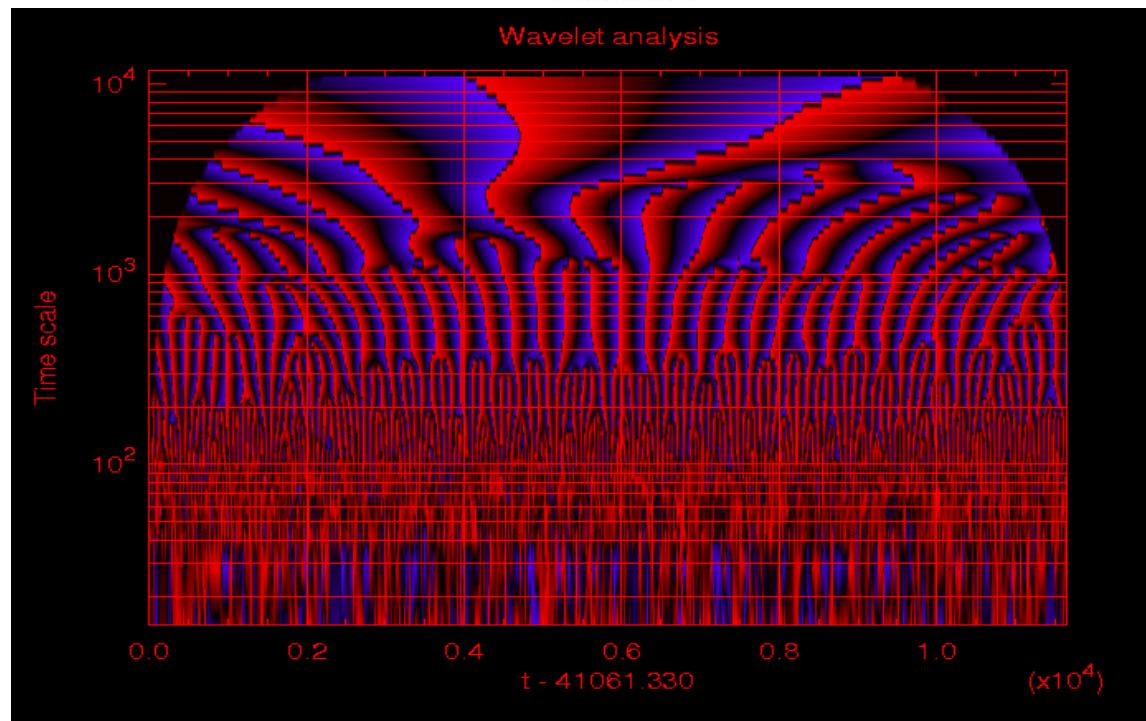
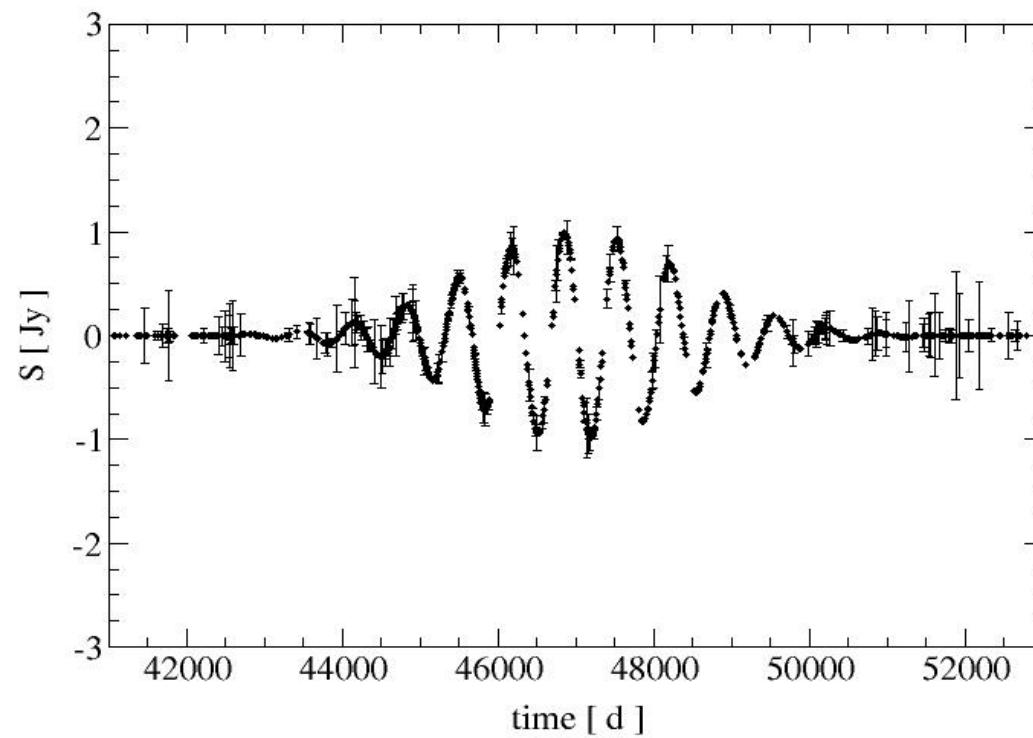
$$\psi_\sigma(t) = \left(1 + e^{-\sigma^2} - 2e^{-(3/4)\sigma^2}\right)^{-1/2} \pi^{-1/4} e^{-(1/2)t^2} \left(e^{i\sigma t} - e^{-(1/2)\sigma^2}\right)$$

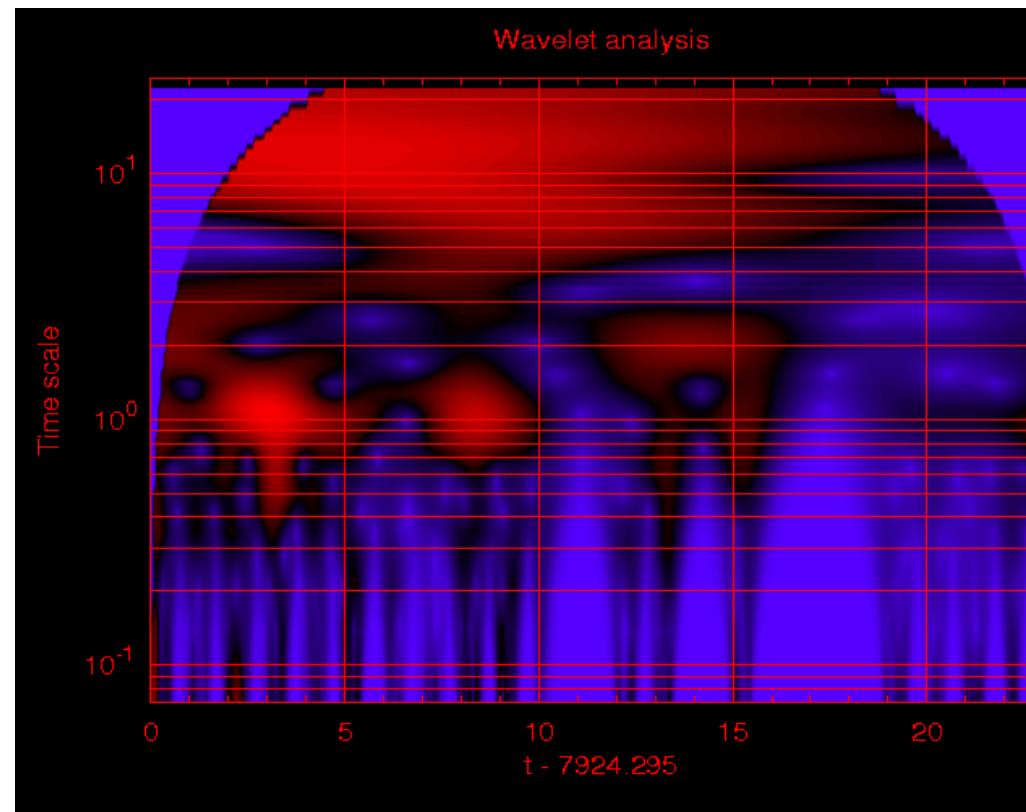
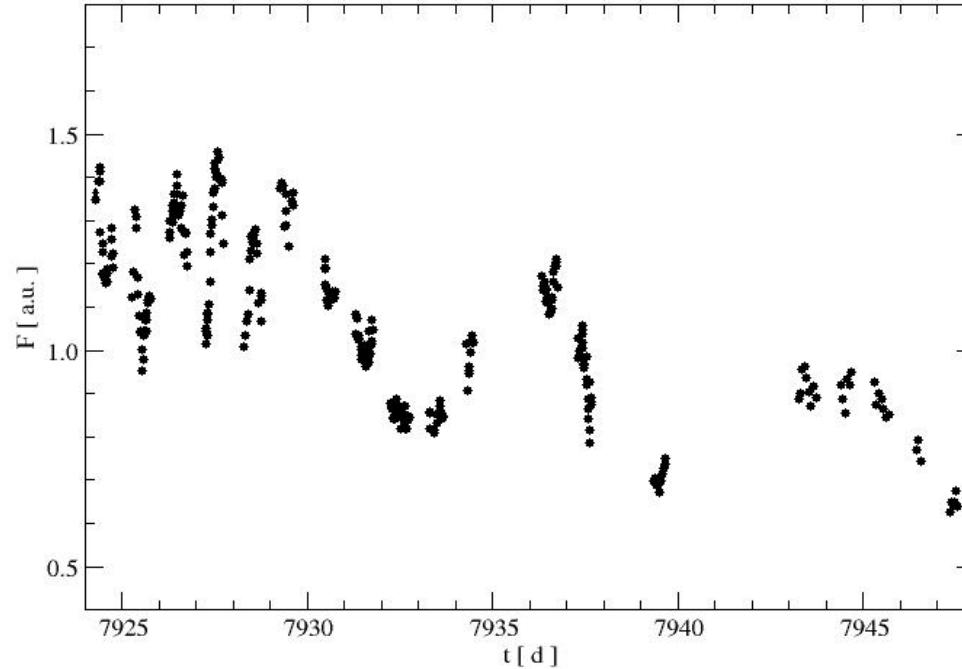
$$\sigma = \pi \left(\frac{2}{\ln(2)} \right)^{1/2}$$





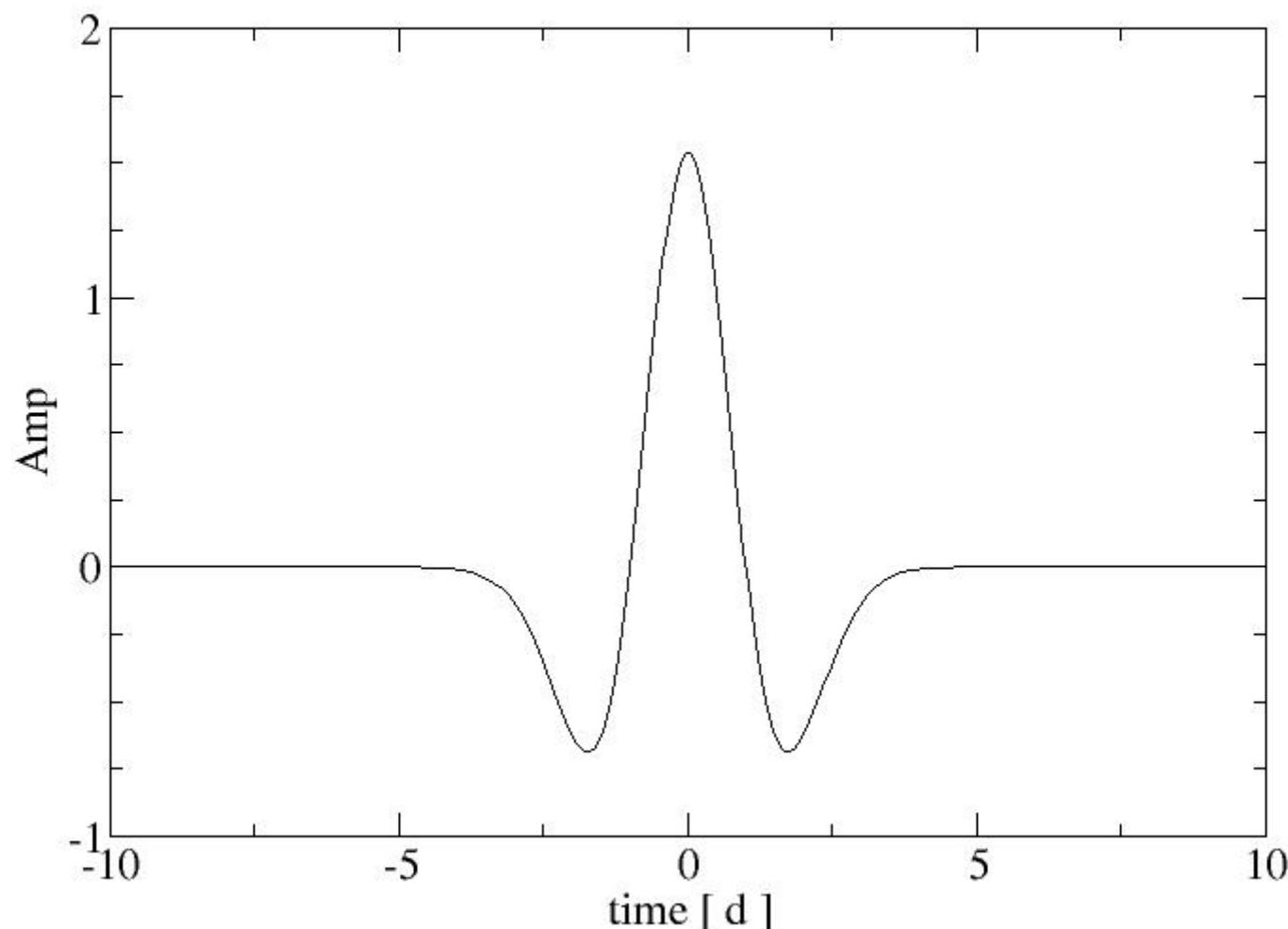


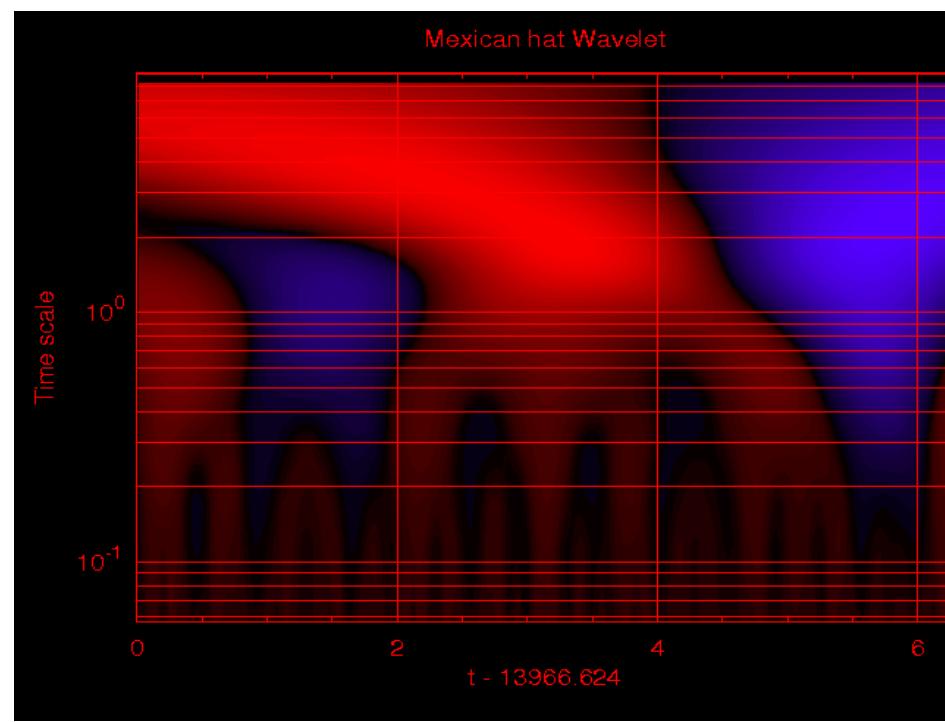
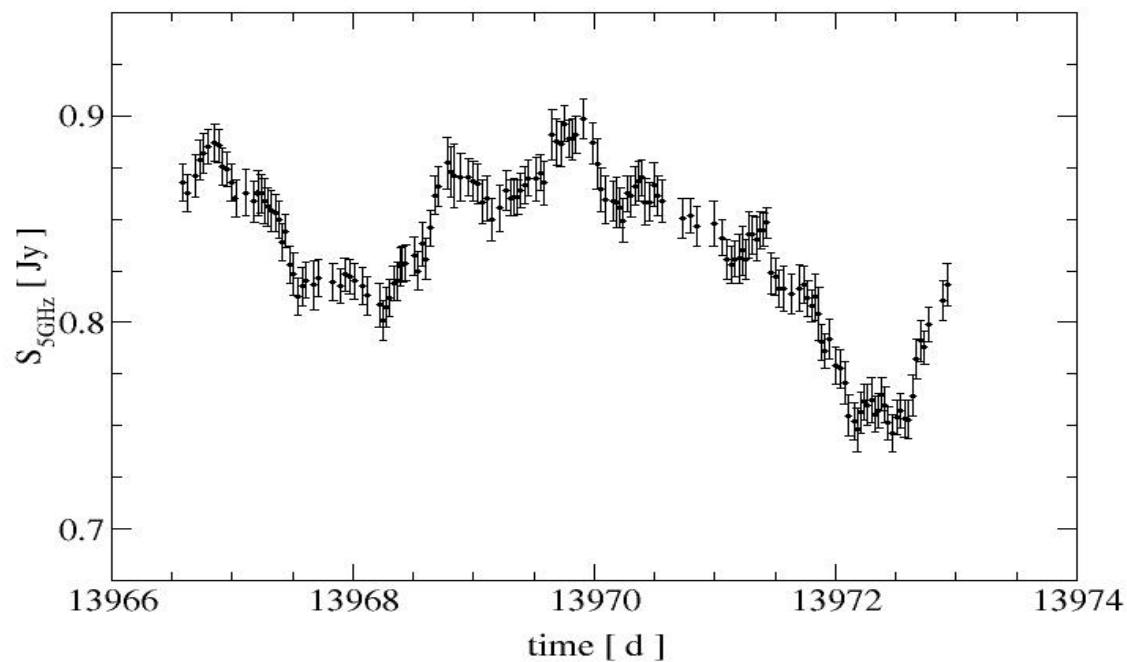




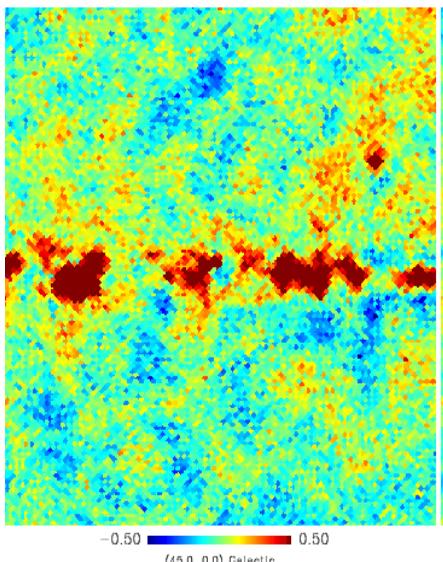
Ricker (“Mexican hat”) wavelet

$$\psi(t) = \frac{2}{\sqrt{3}}\pi^{-1/4}(1-t^2)e^{-\frac{t^2}{2}}$$

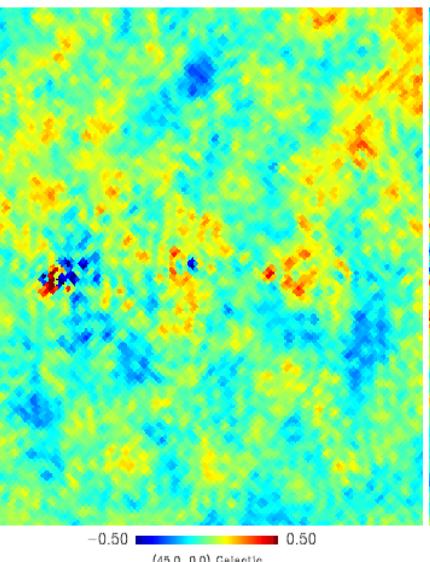




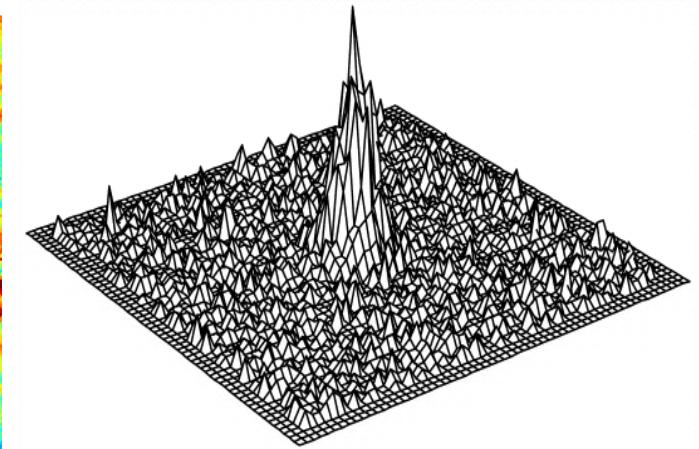
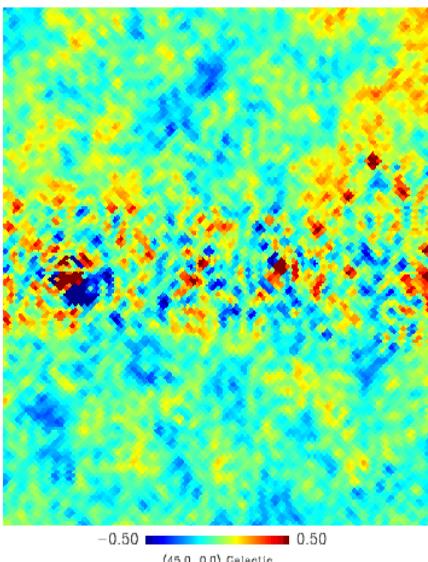
WMAP W channel (foreground reduced)



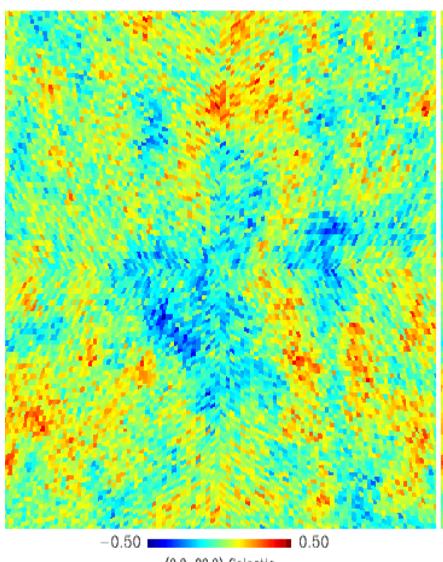
5 year Needlet ILC



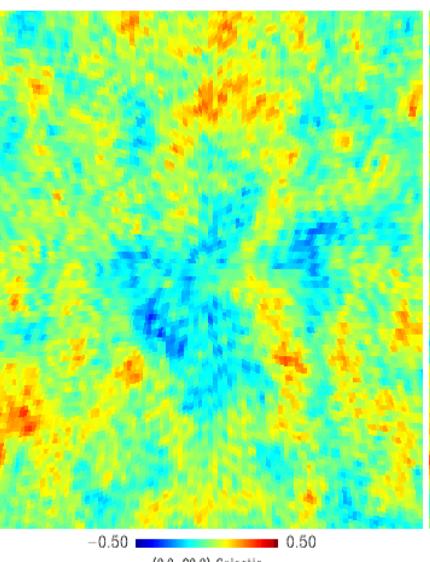
TILC3



WMAP W channel (foreground reduced)



5 year Needlet ILC



TILC3

