S/N = 100**FFT** reconstructed light curve original signal  $\omega=0.1$ 10<sup>7</sup> 200 1.0 -450000 0.02 0.04 0.1 175 10<sup>6</sup> -455000 0.8 150 105 0.002002 -460000 125 0.6 h[P(ω|D)] 월 104 100 ਜੂ 10³ -465000 0.4 75  $10^{2}$ -470000 50 0.2 10¹ phase binned from TOA -475000 25 actual signal 10° 0.0 -0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00  $10^{-3}$  $10^{-2}$  $10^{-1}$  $10^{-2}$  $10^{-1}$ phase/2π phase/2π frequency frequency  $\omega$  [Hz] S/N = 2reconstructed light curve -485000 160 original signal  $\omega = 0.1$ -485500 140 1.0 -486000 120 0.8 -486500 100 h[P(ω|D)] 0.6 -487000 80 -487500 60 0.4 -488000 40 0.2 -488500 20 phase binned from TOA actual signal -489000 0.00 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00 0.0 0.25 0.50 0.75 1.00 1.25 1.50 1.75 2.00  $10^{-1}$  $10^{-2}$ phase/2π phase/2π frequency  $\omega$  [Hz]