Mismatch vs SNR. High SNR. IMRPhenomTPHM vs IMRPhenomPv2. Only 2,2 mode 10^{-1} New SNR. Old SNR Fitting Factor. Overlap. 10^{-2} Mismatch 10-3 10^{-4} 10^{-5} 10^{1} 10^{3} 10^{2} **SNR**