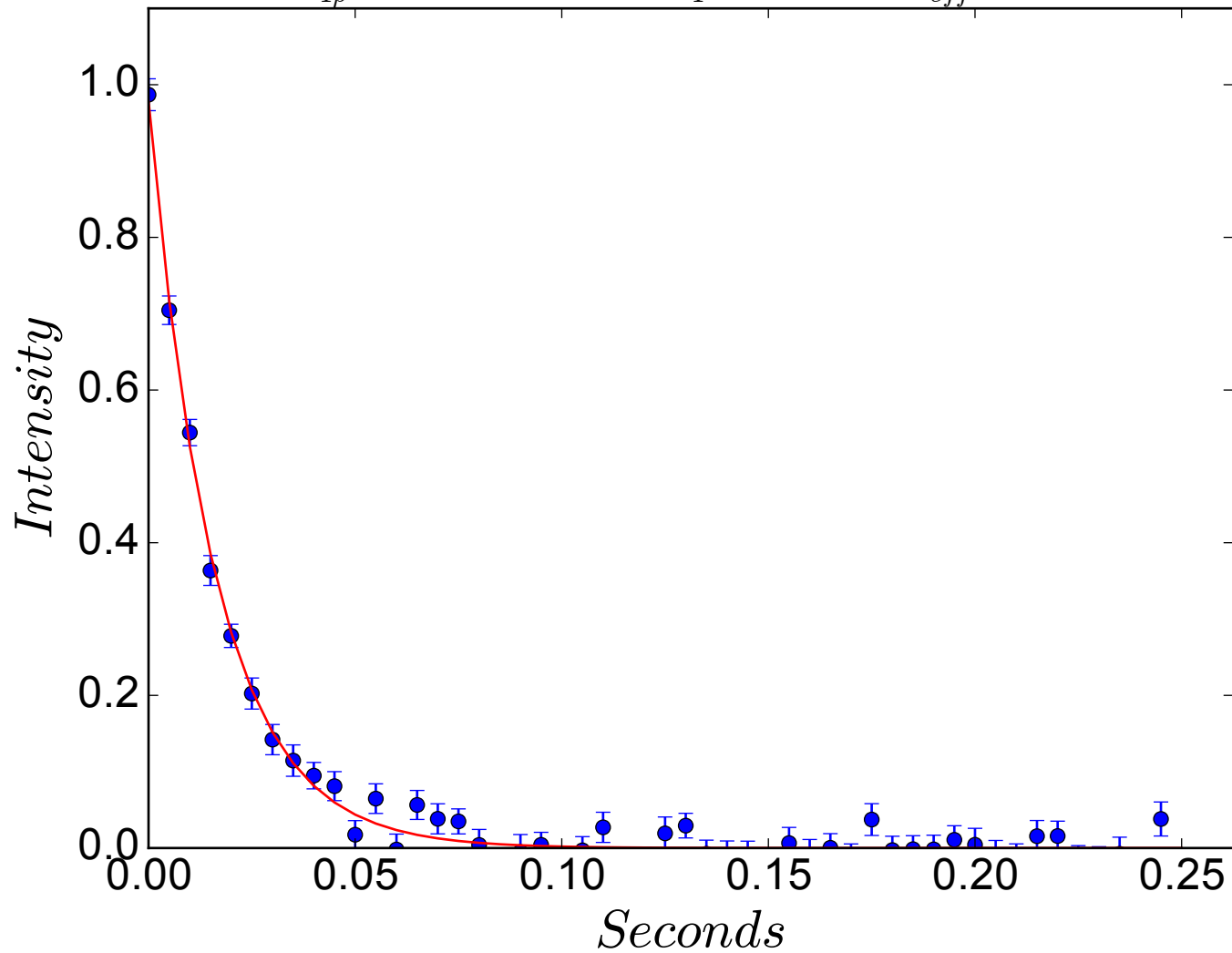
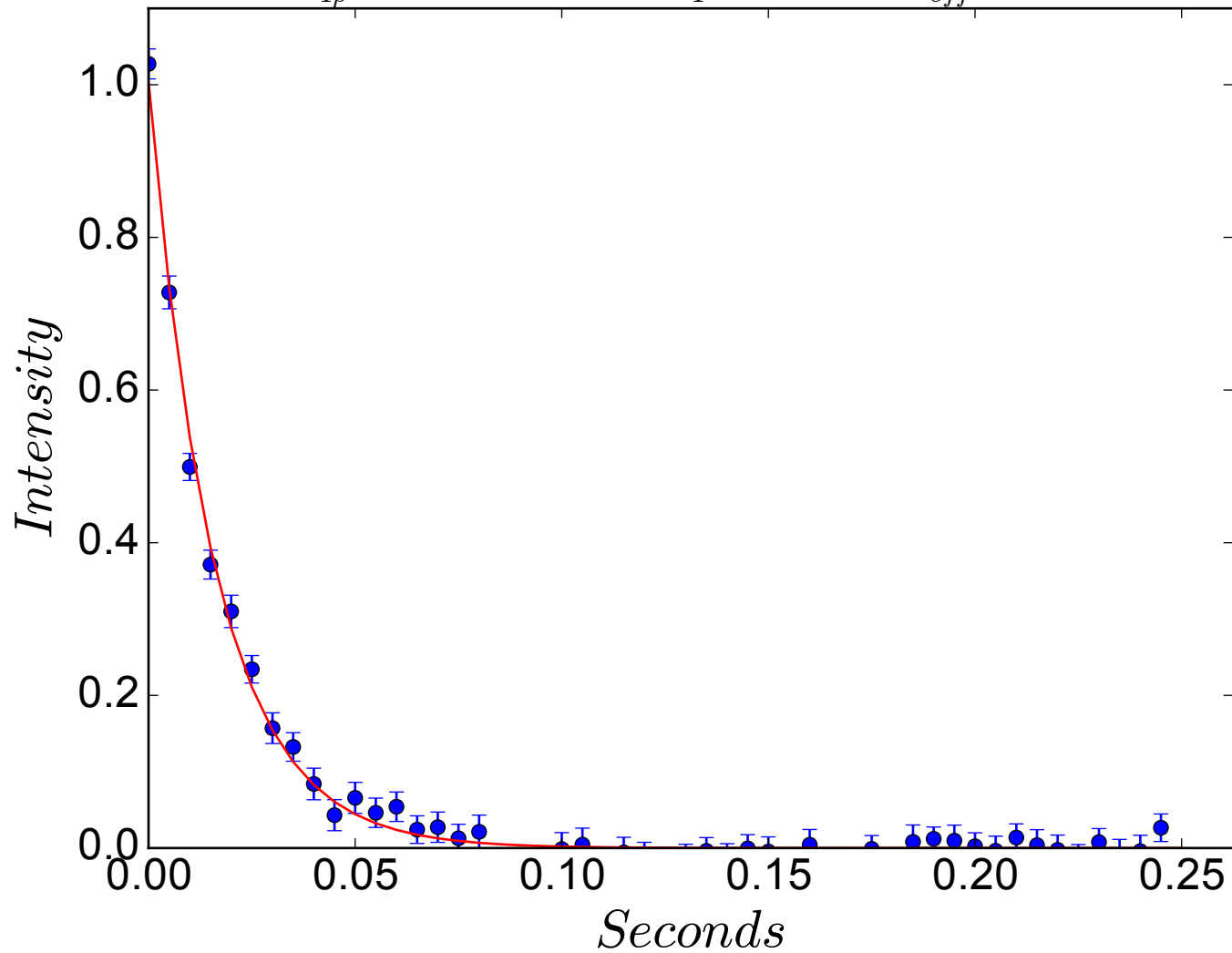


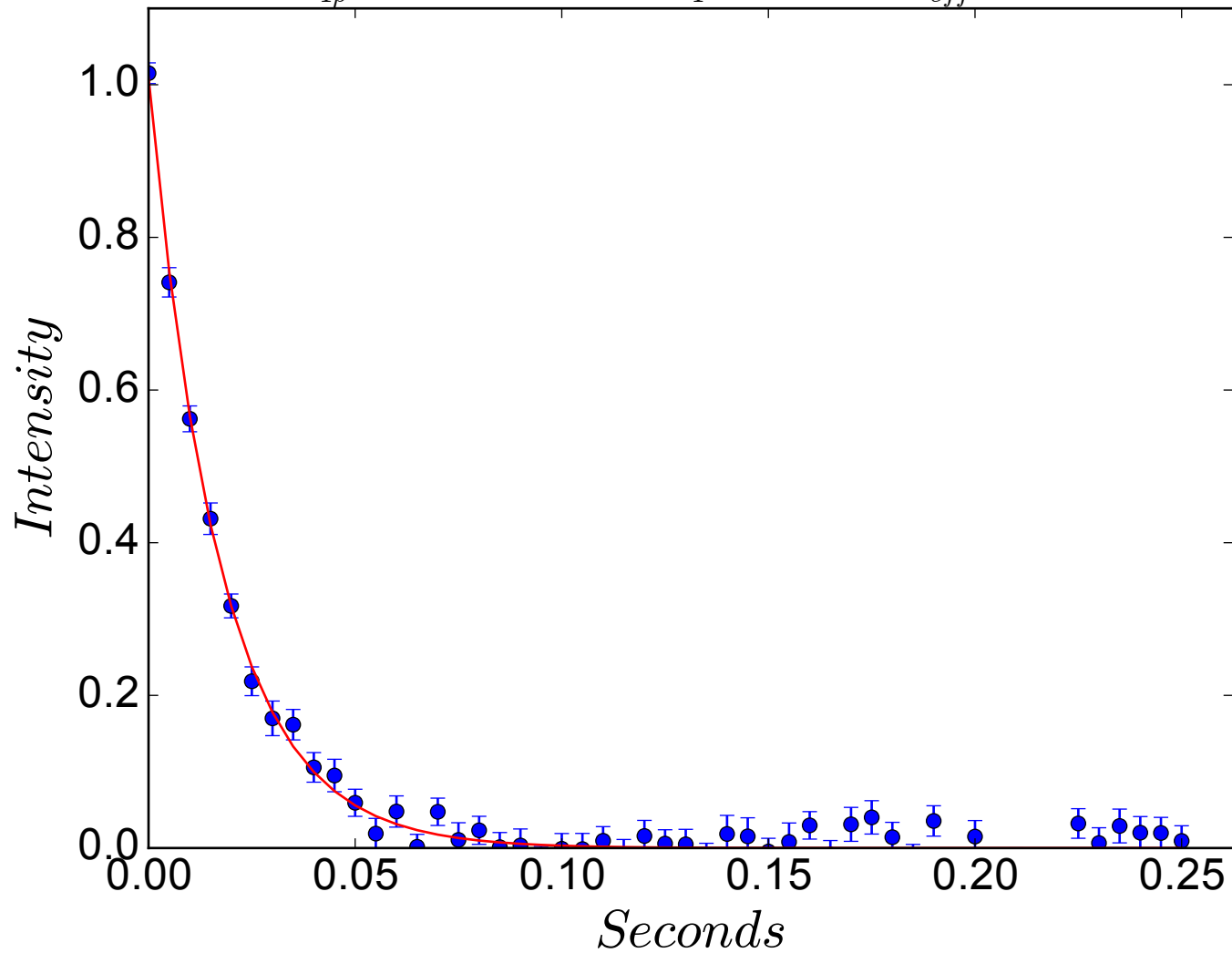
$$R_{1\rho} = 62.1 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



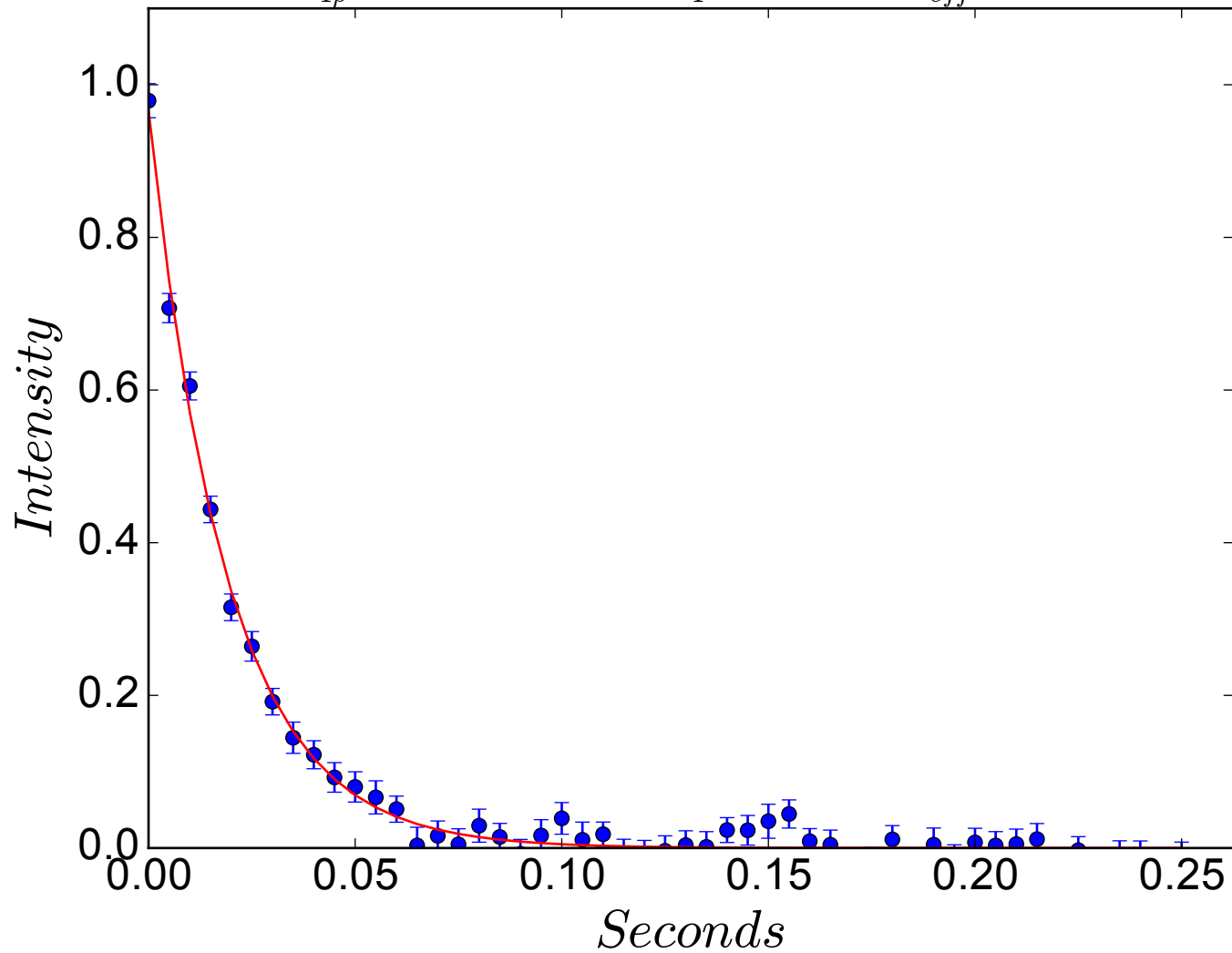
$$R_{1\rho} = 62.4 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 169 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



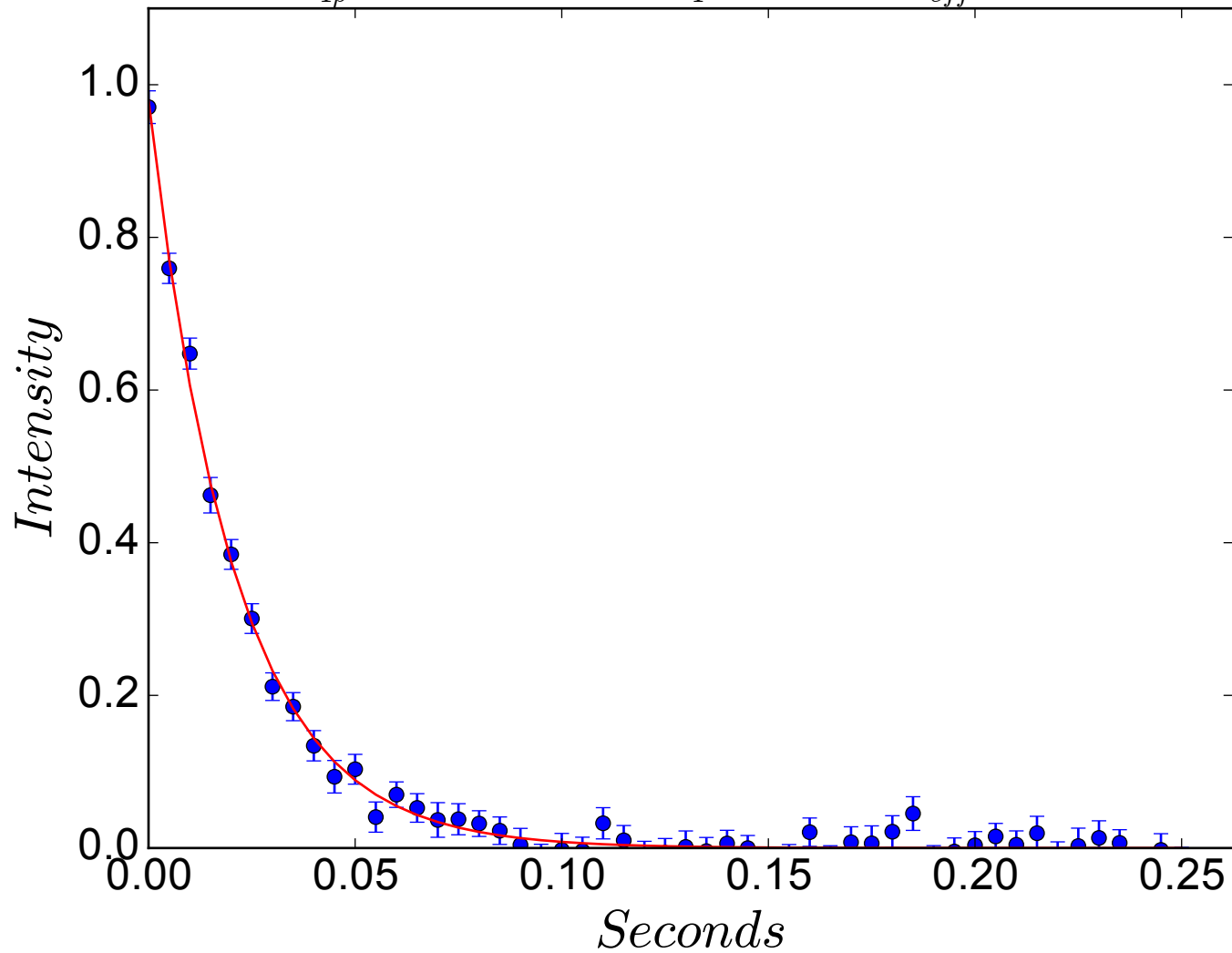
$$R_{1\rho} = 57.9 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 239 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



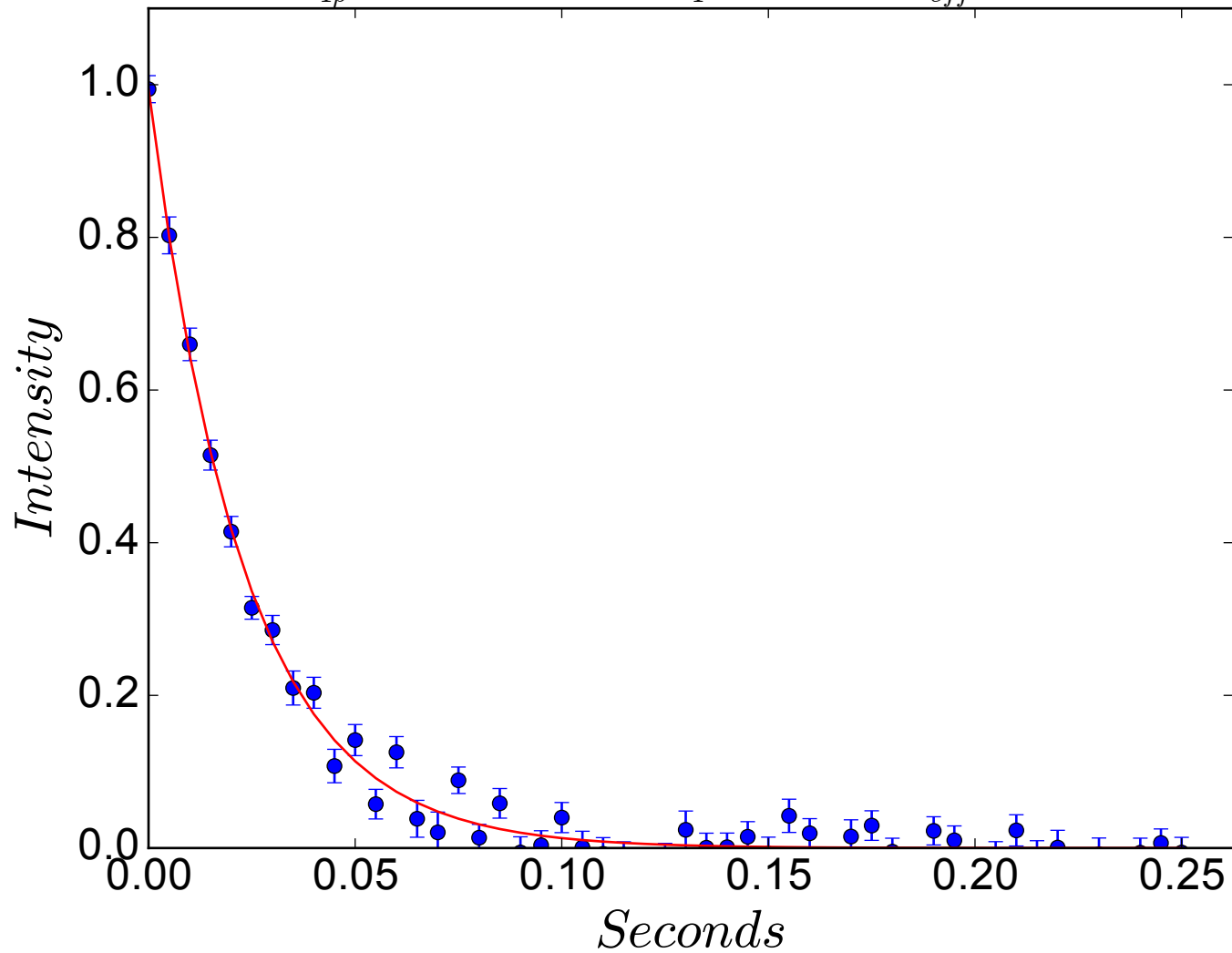
$$R_{1\rho} = 52.7 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 308 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



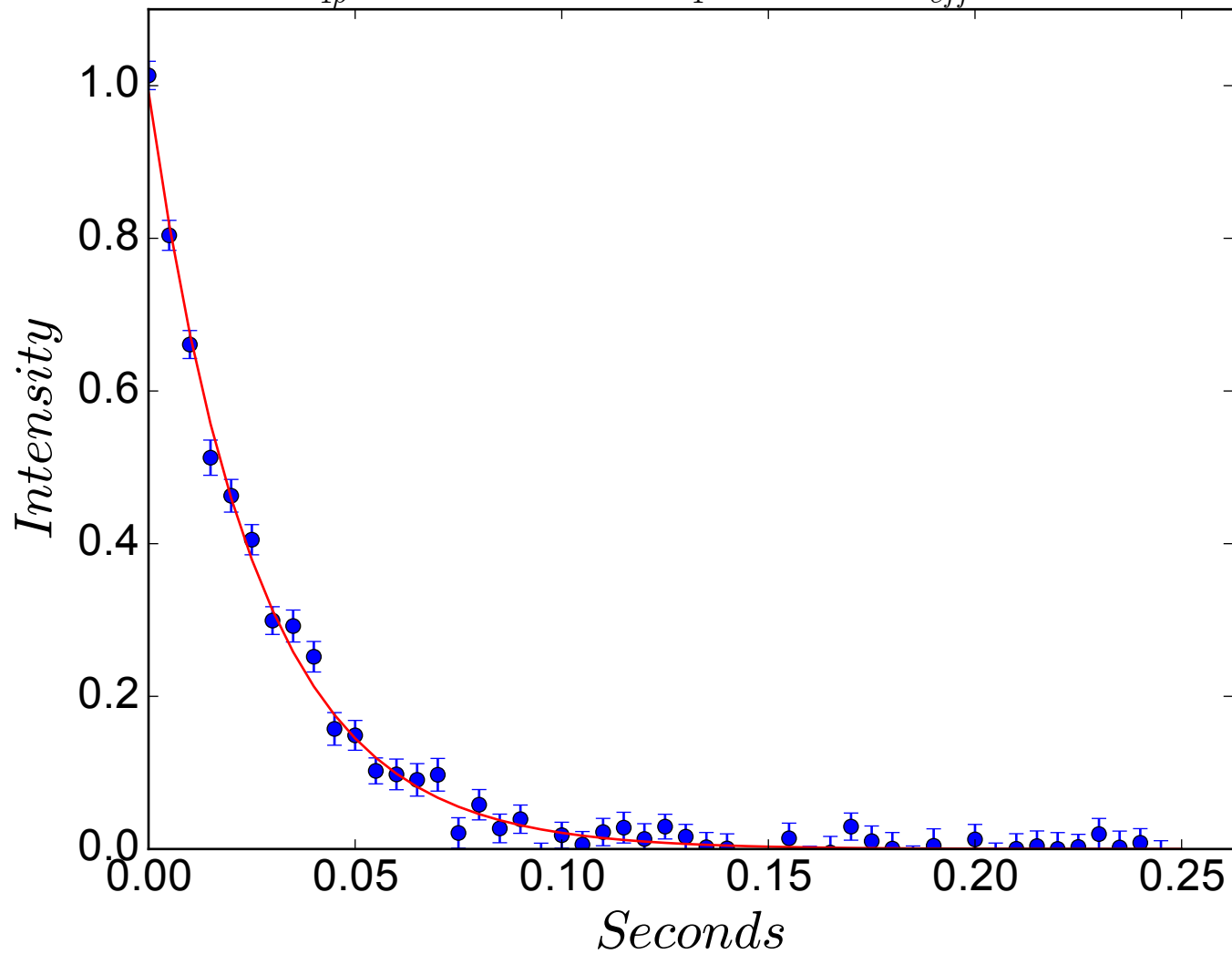
$$R_{1\rho} = 48.0 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 378 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



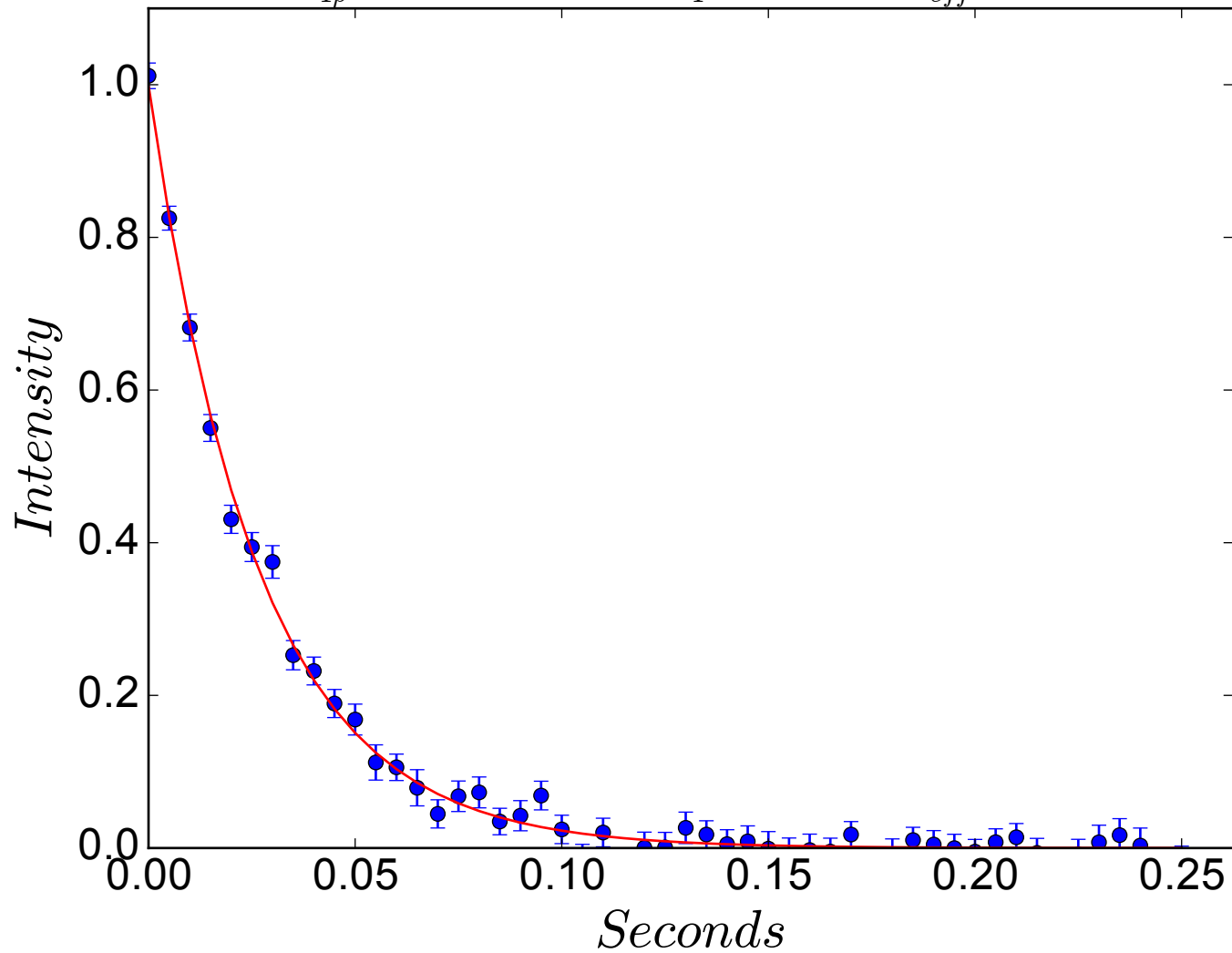
$$R_{1\rho} = 43.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 447 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 38.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 516 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

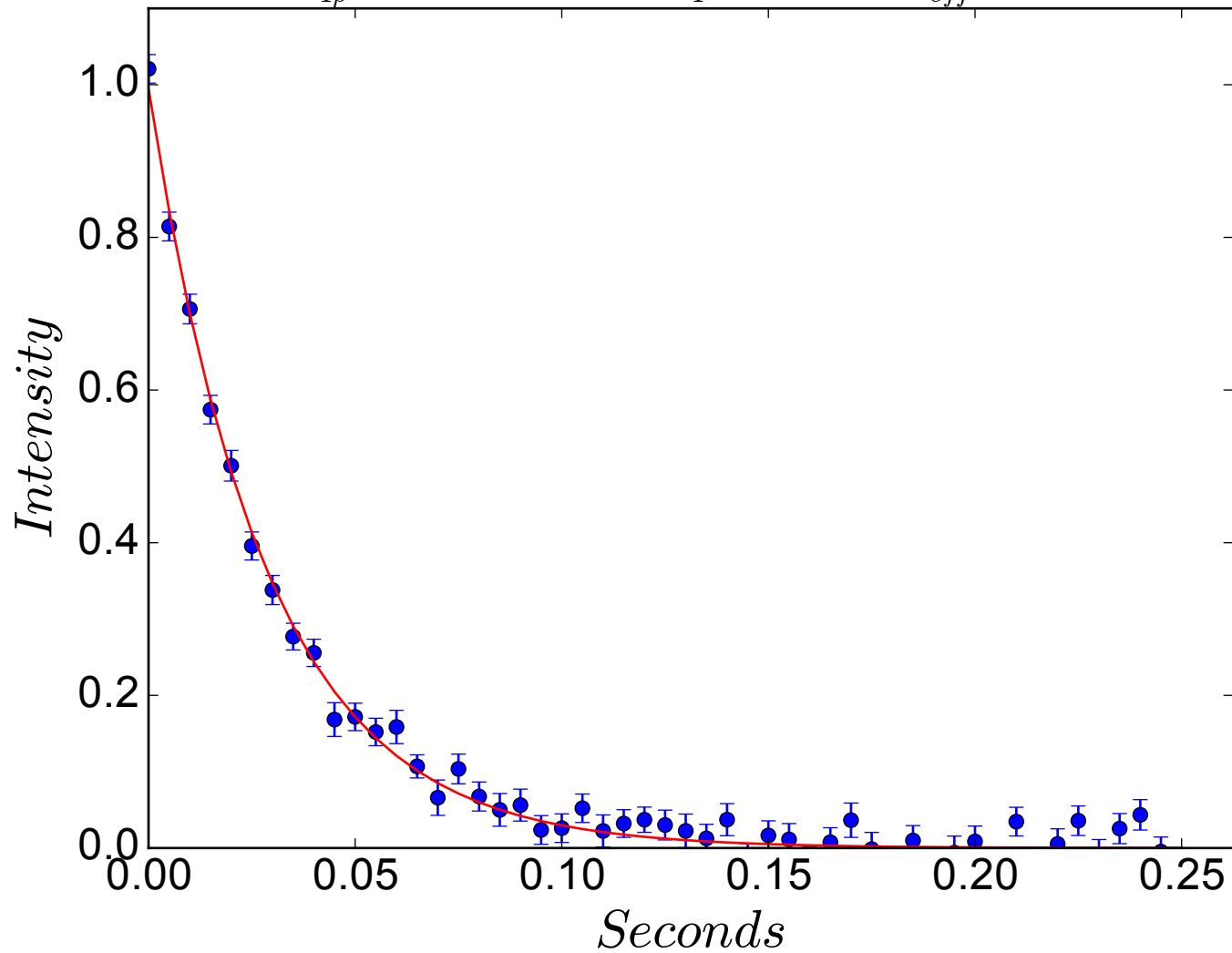


$$R_{1\rho} = 37.8 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 586 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

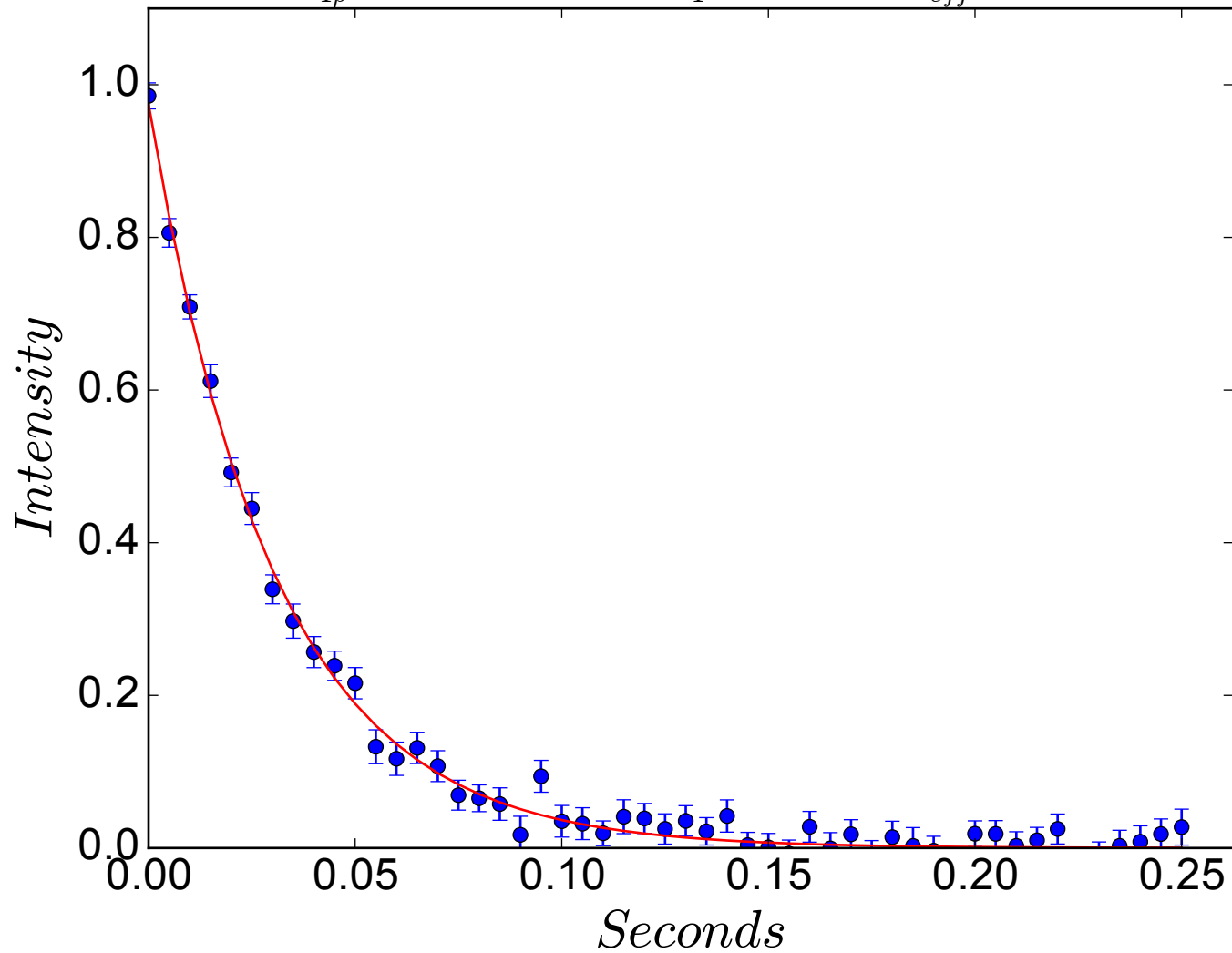




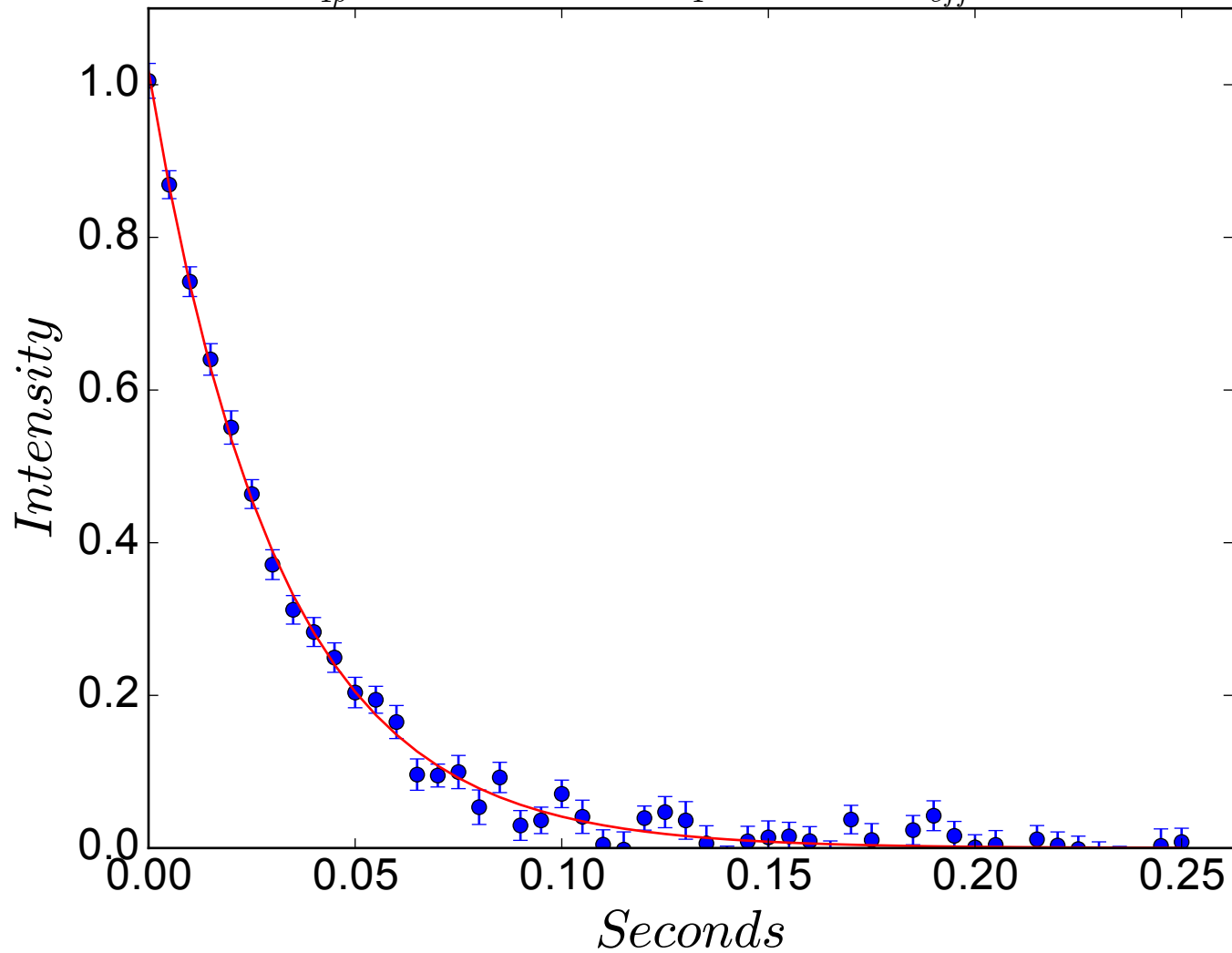
$$R_{1\rho} = 35.1 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 655 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



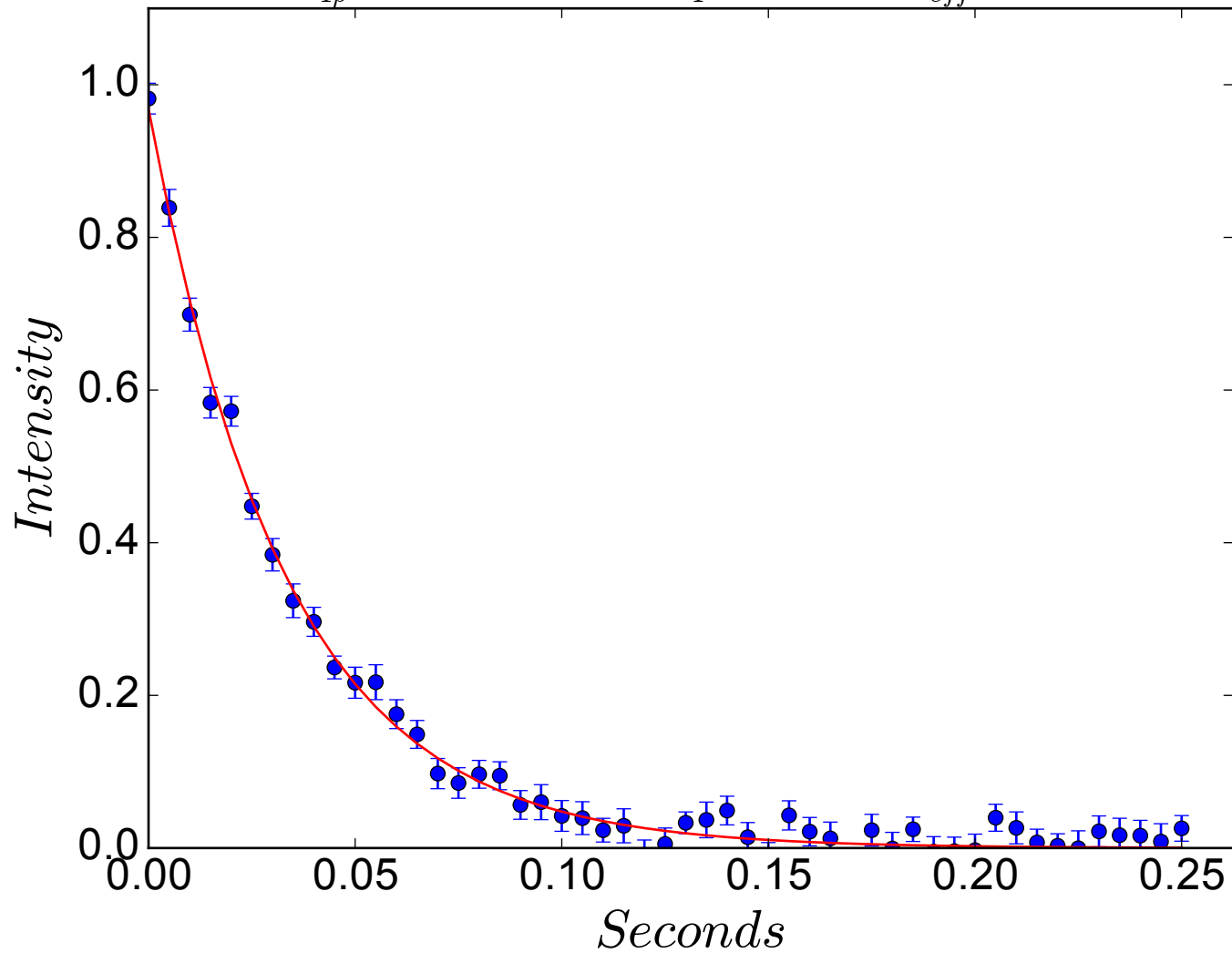
$$R_{1\rho} = 32.8 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 724 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



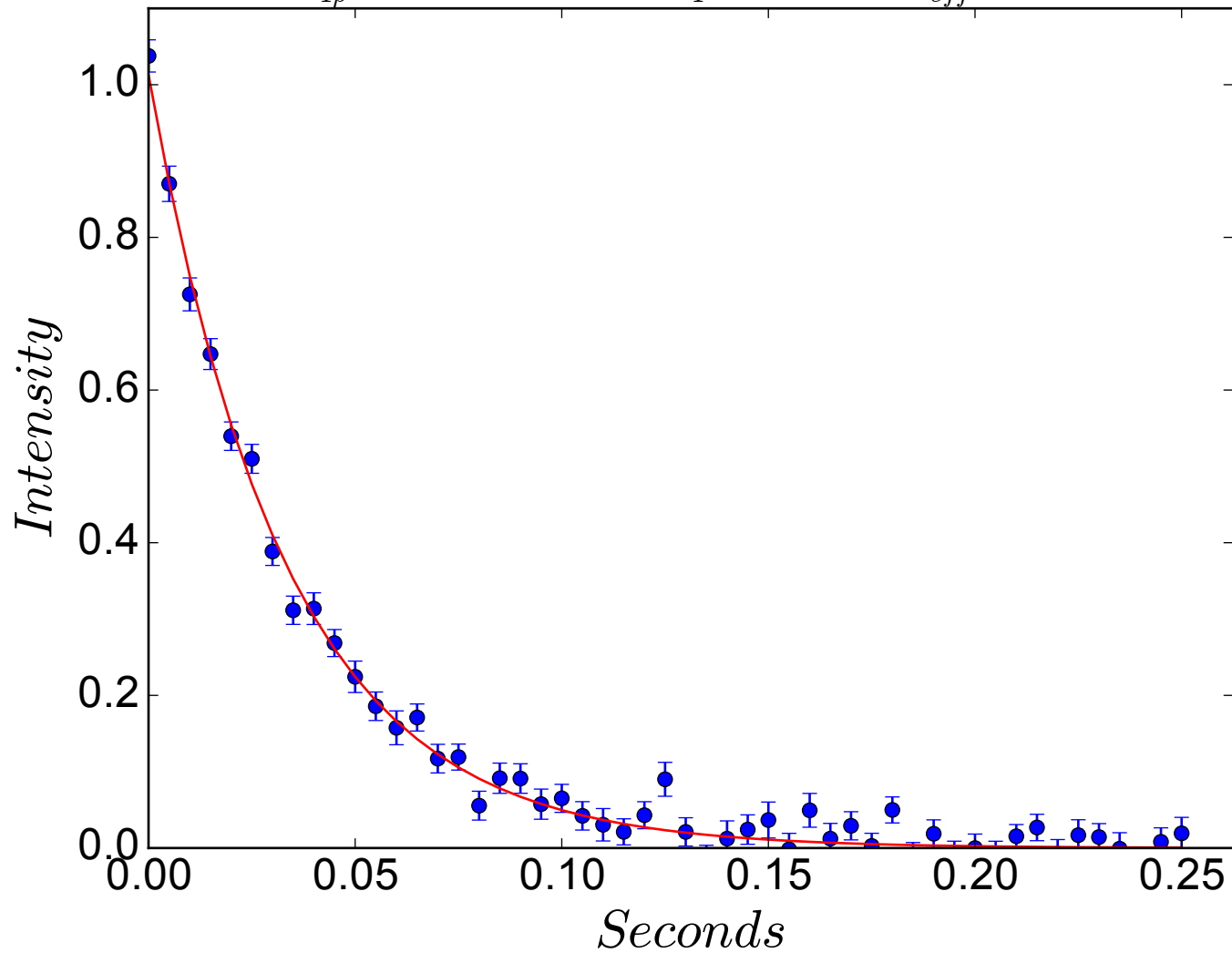
$$R_{1\rho} = 32.1 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 794 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



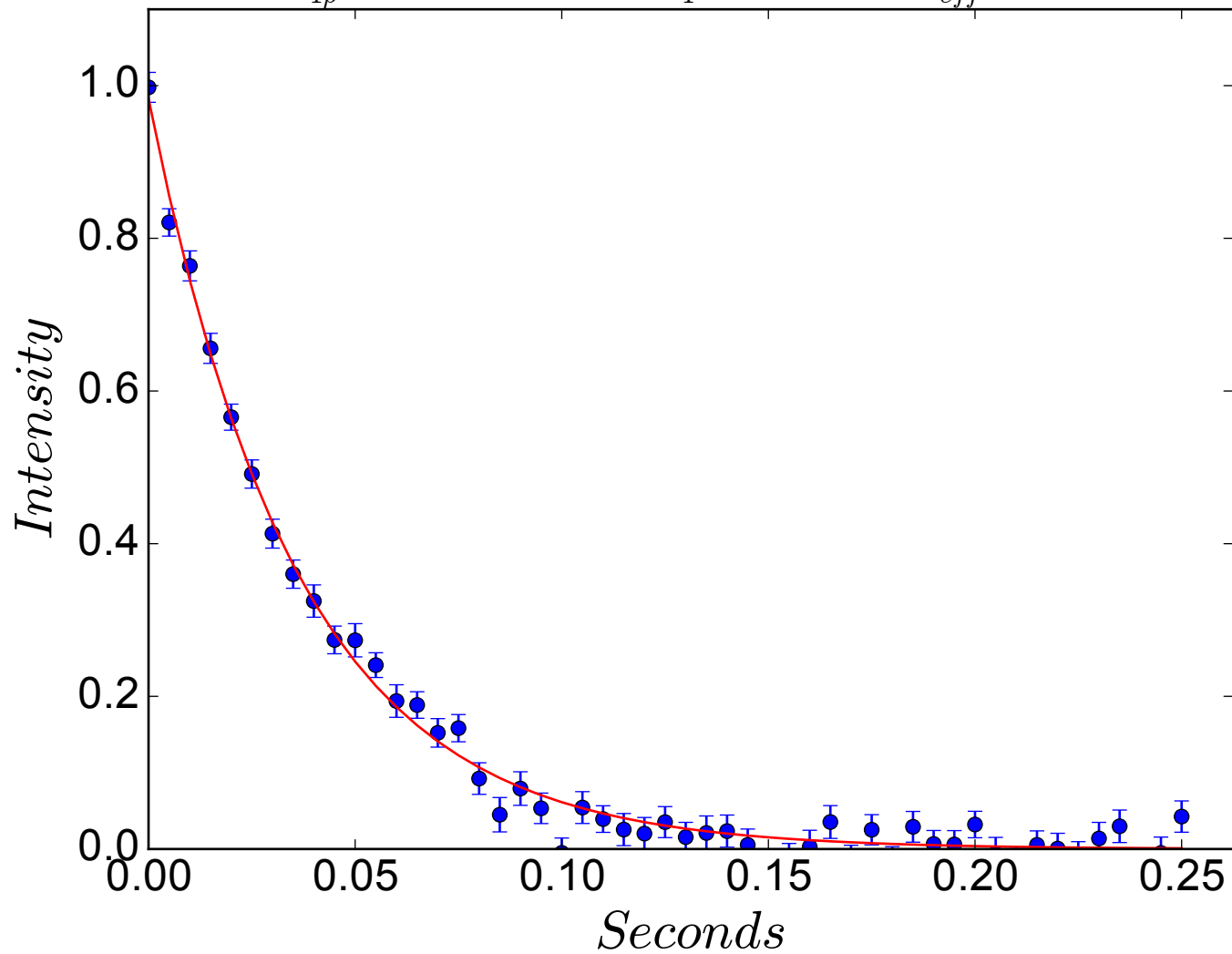
$$R_{1\rho} = 30.1 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 863 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



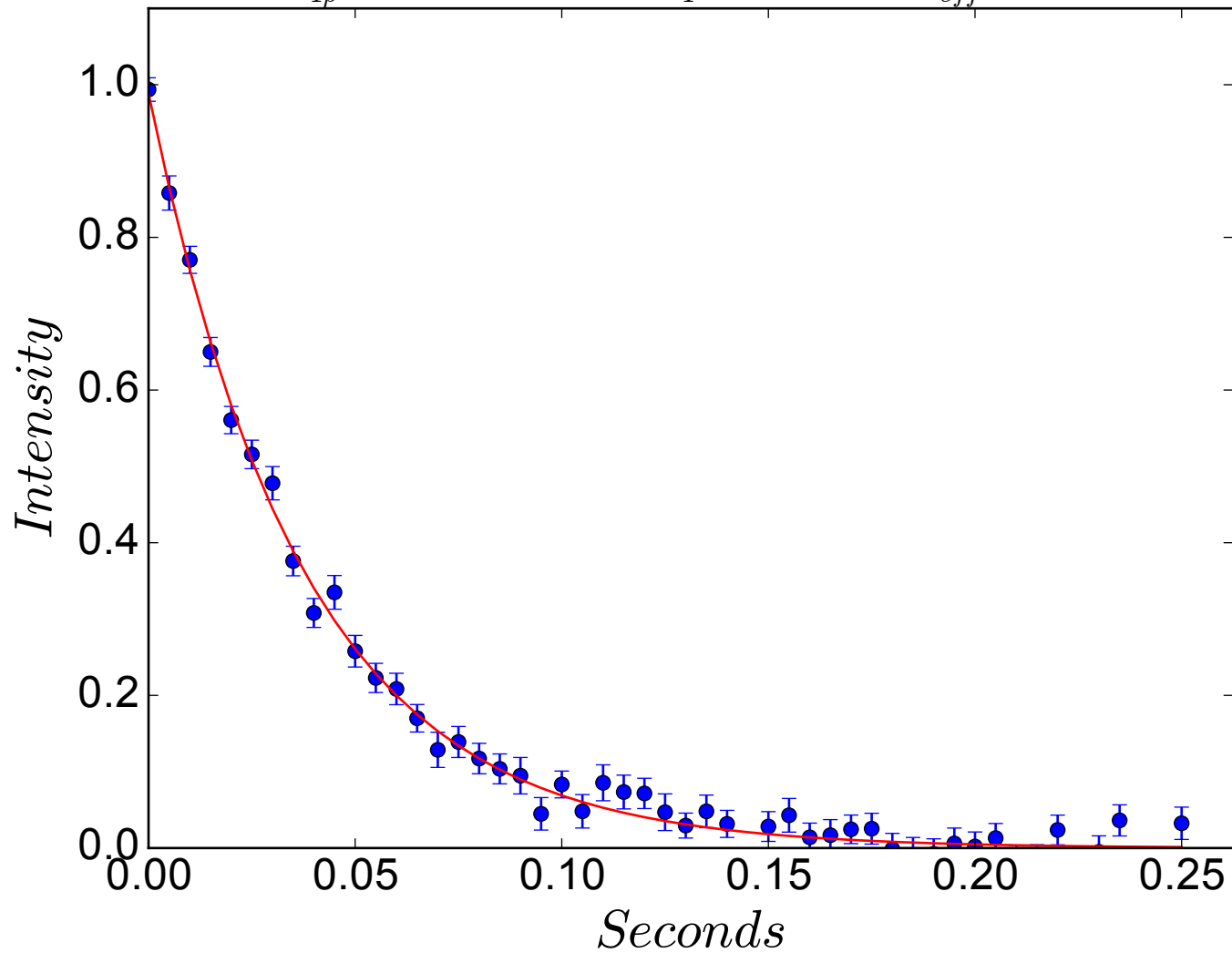
$$R_{1\rho} = 30.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 933 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



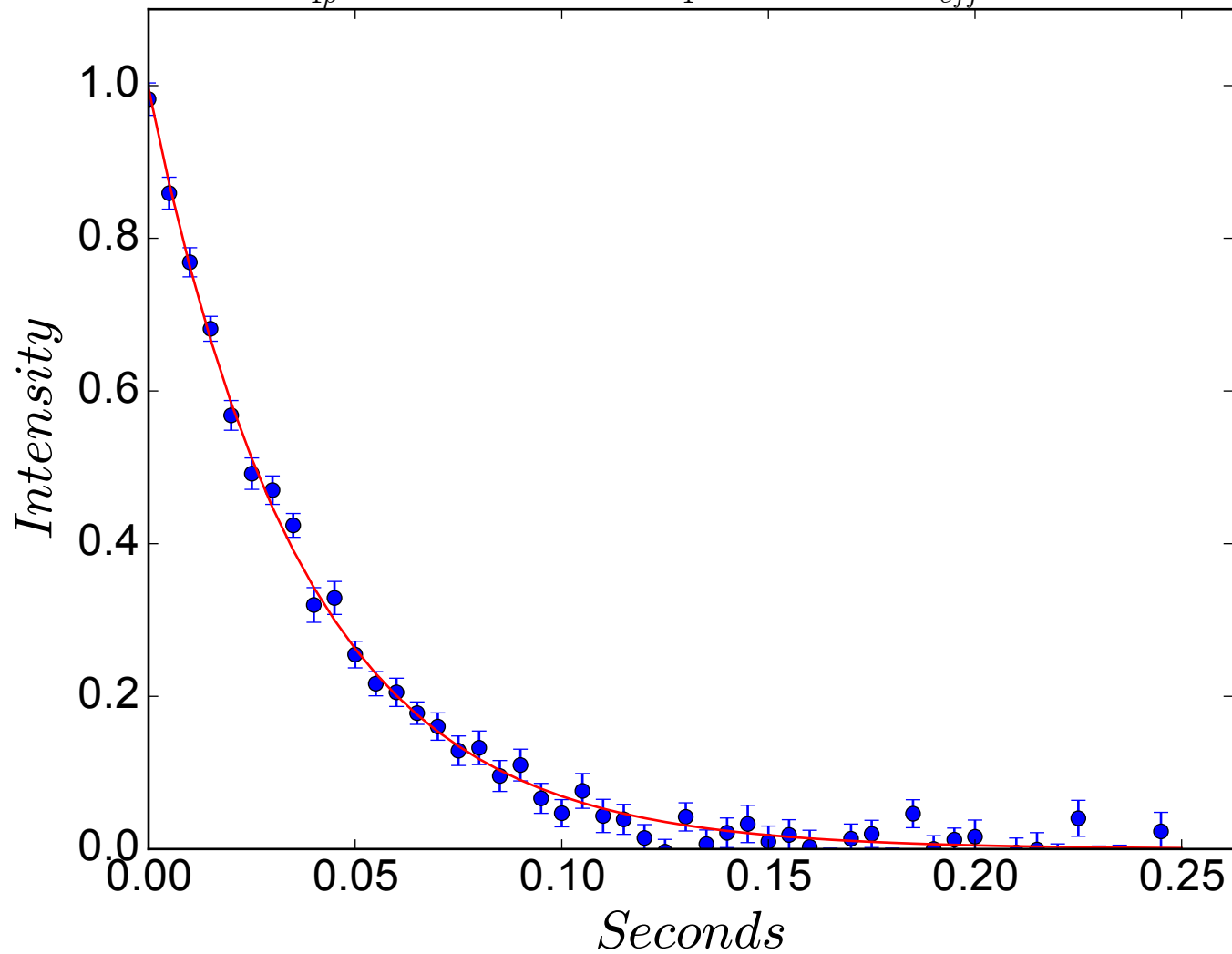
$$R_{1\rho} = 27.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1002 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 26.6 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 1071 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

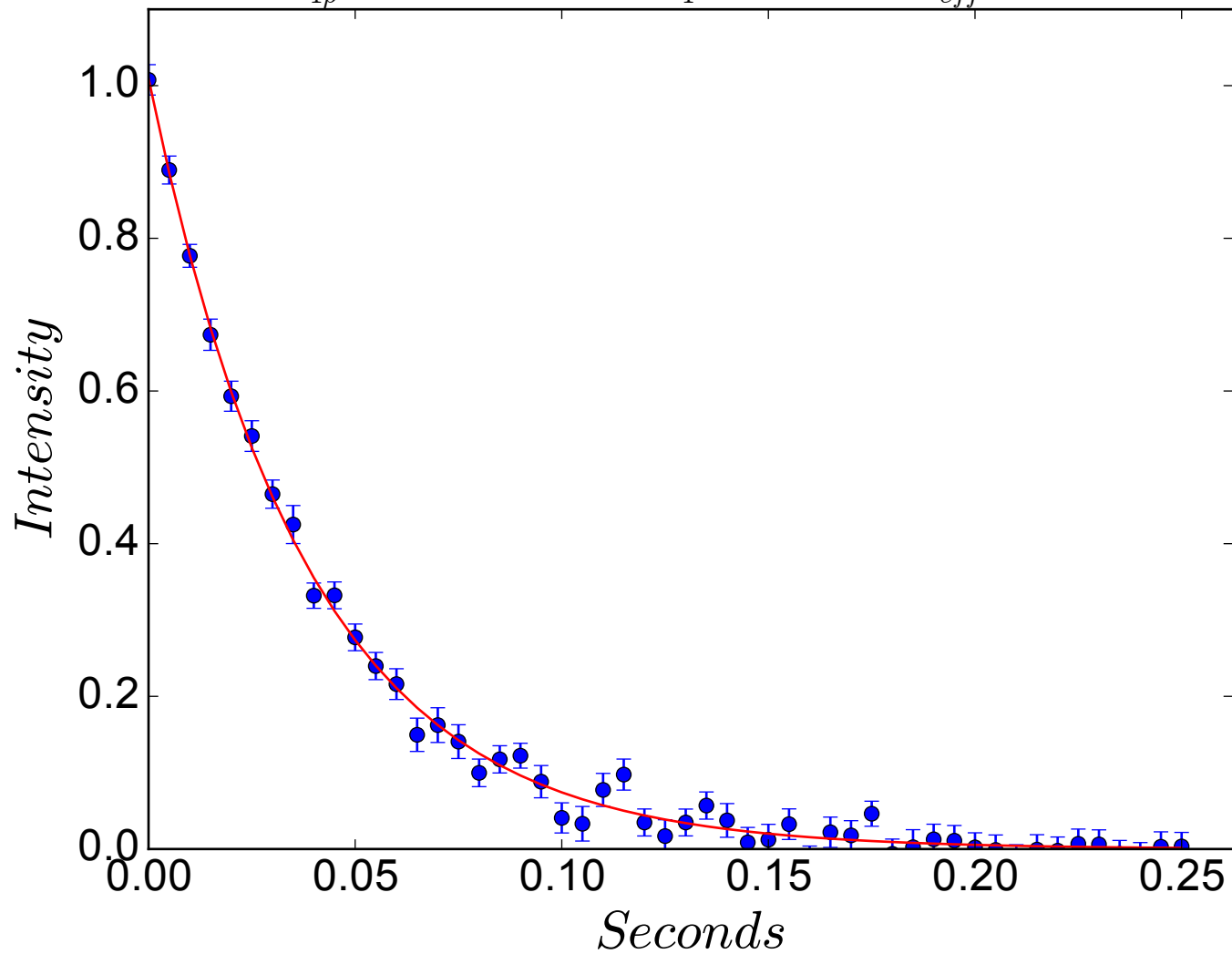


$$R_{1\rho} = 26.7 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 1141 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

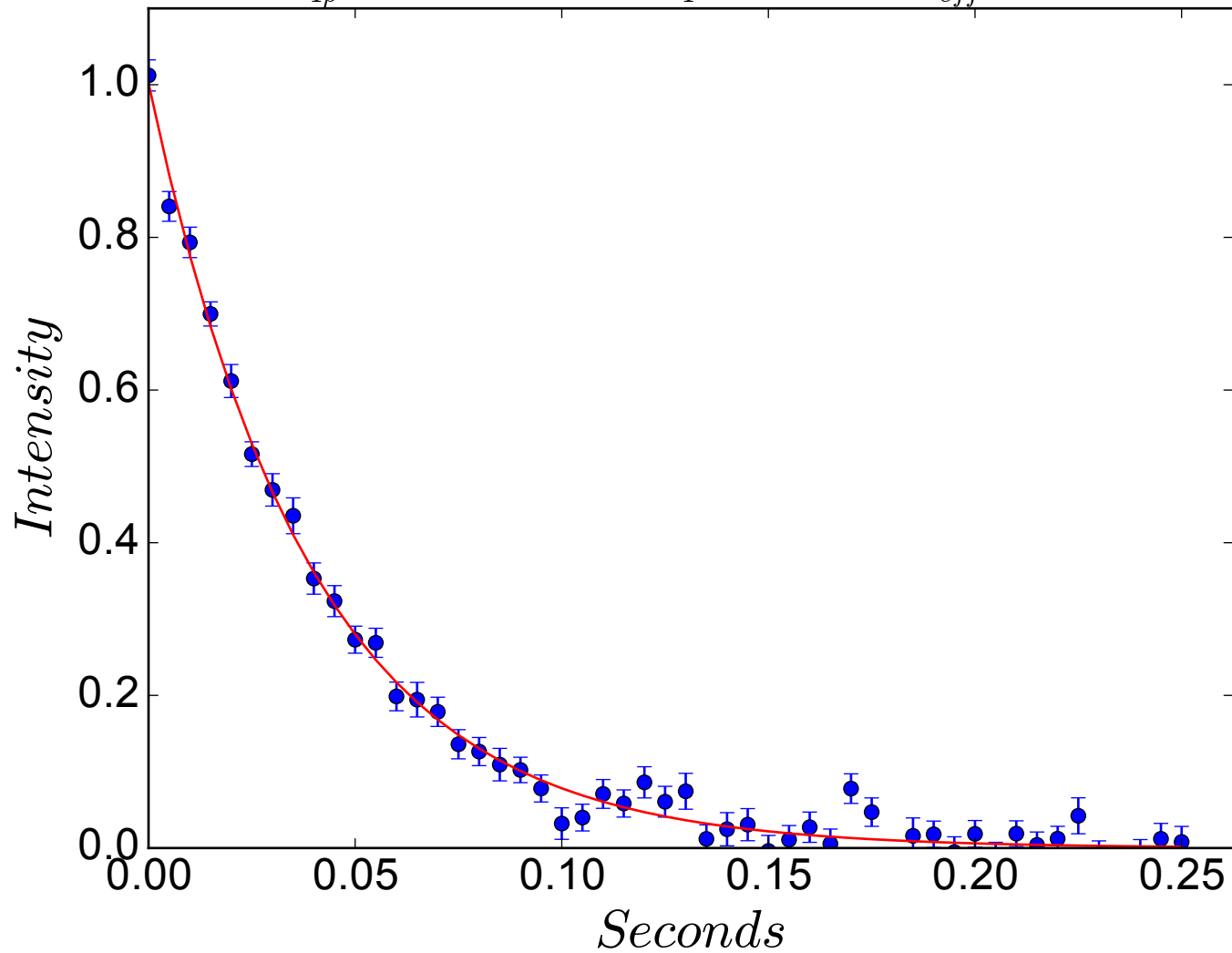




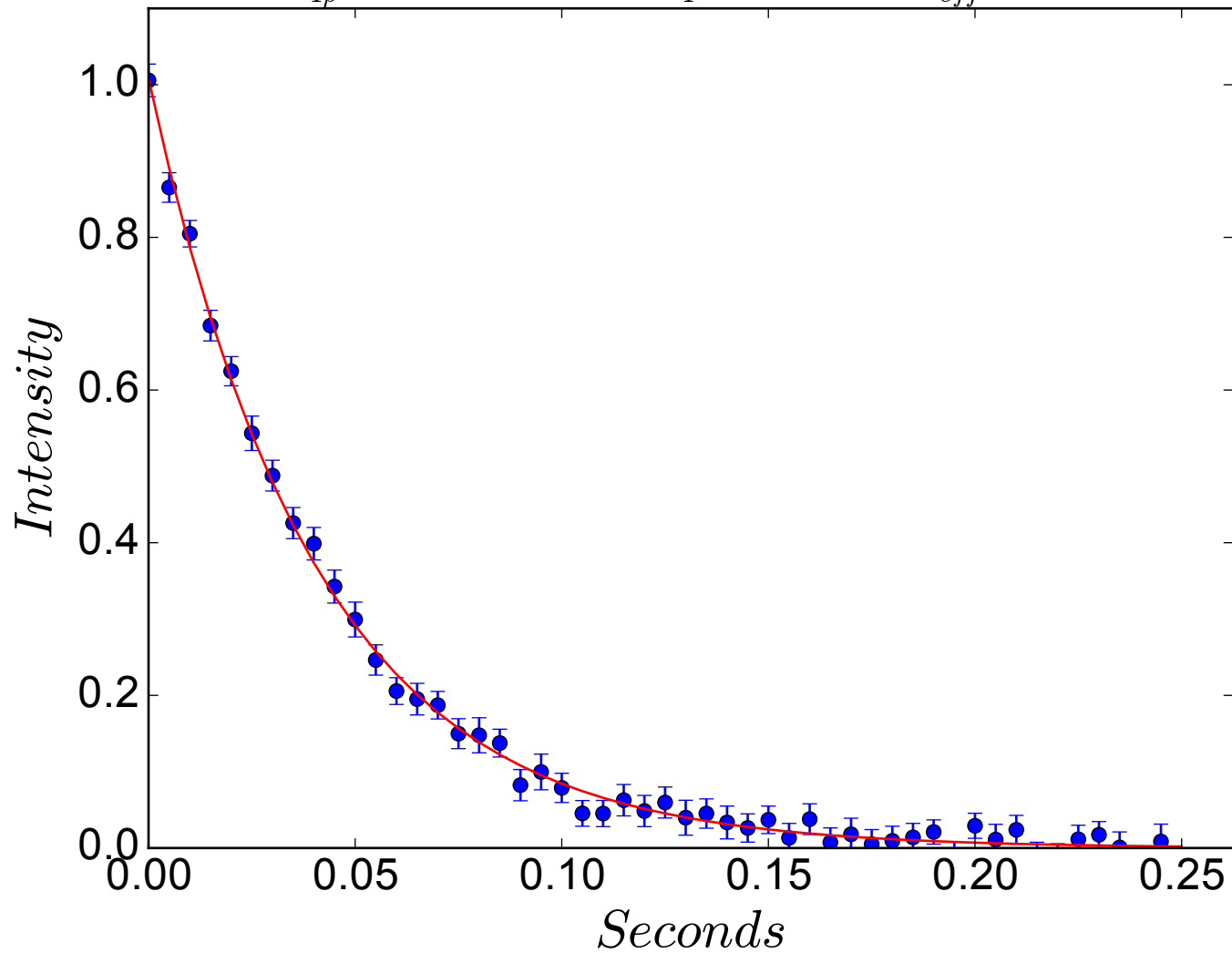
$$R_{1\rho} = 26.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1210 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



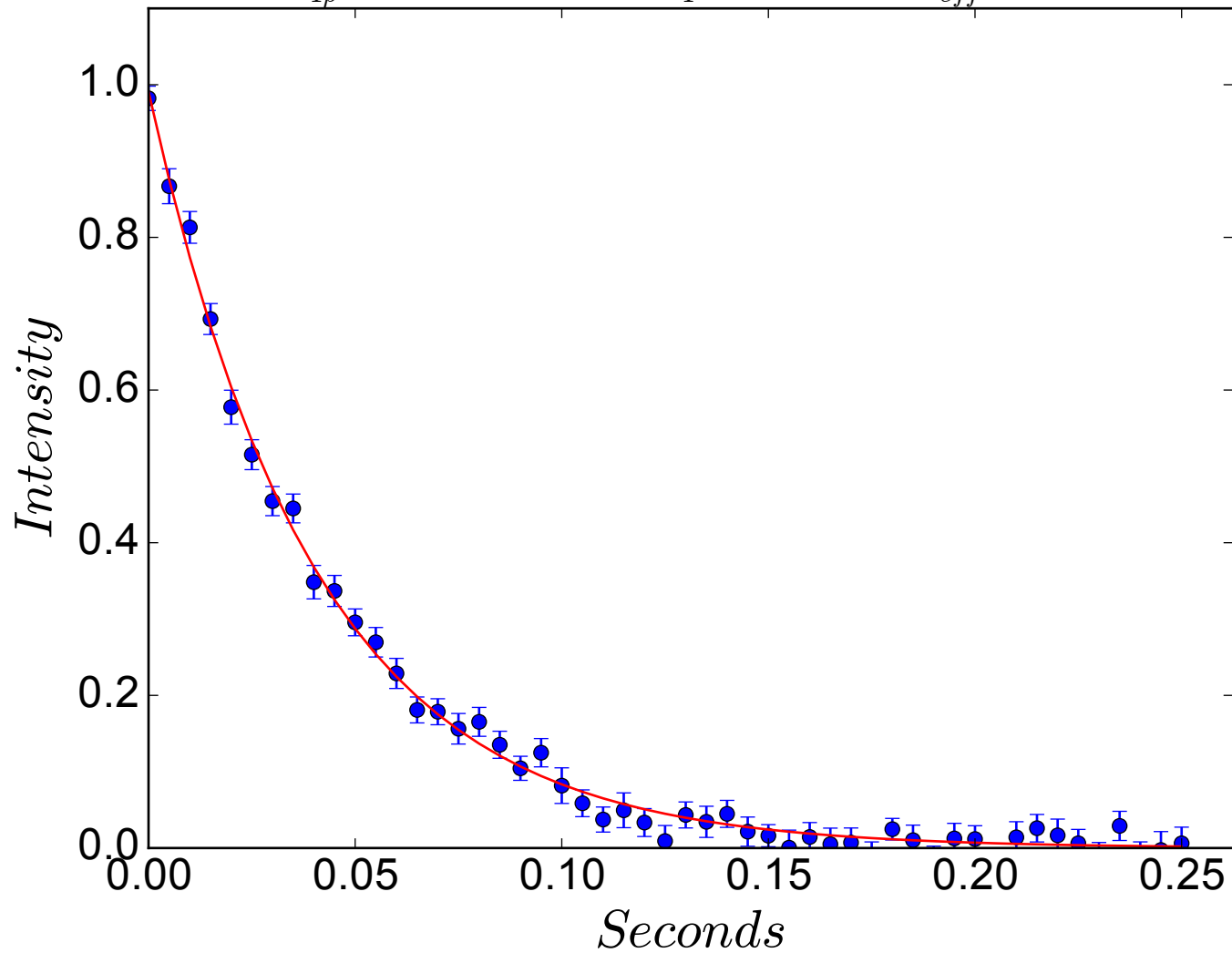
$$R_{1\rho} = 25.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1280 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



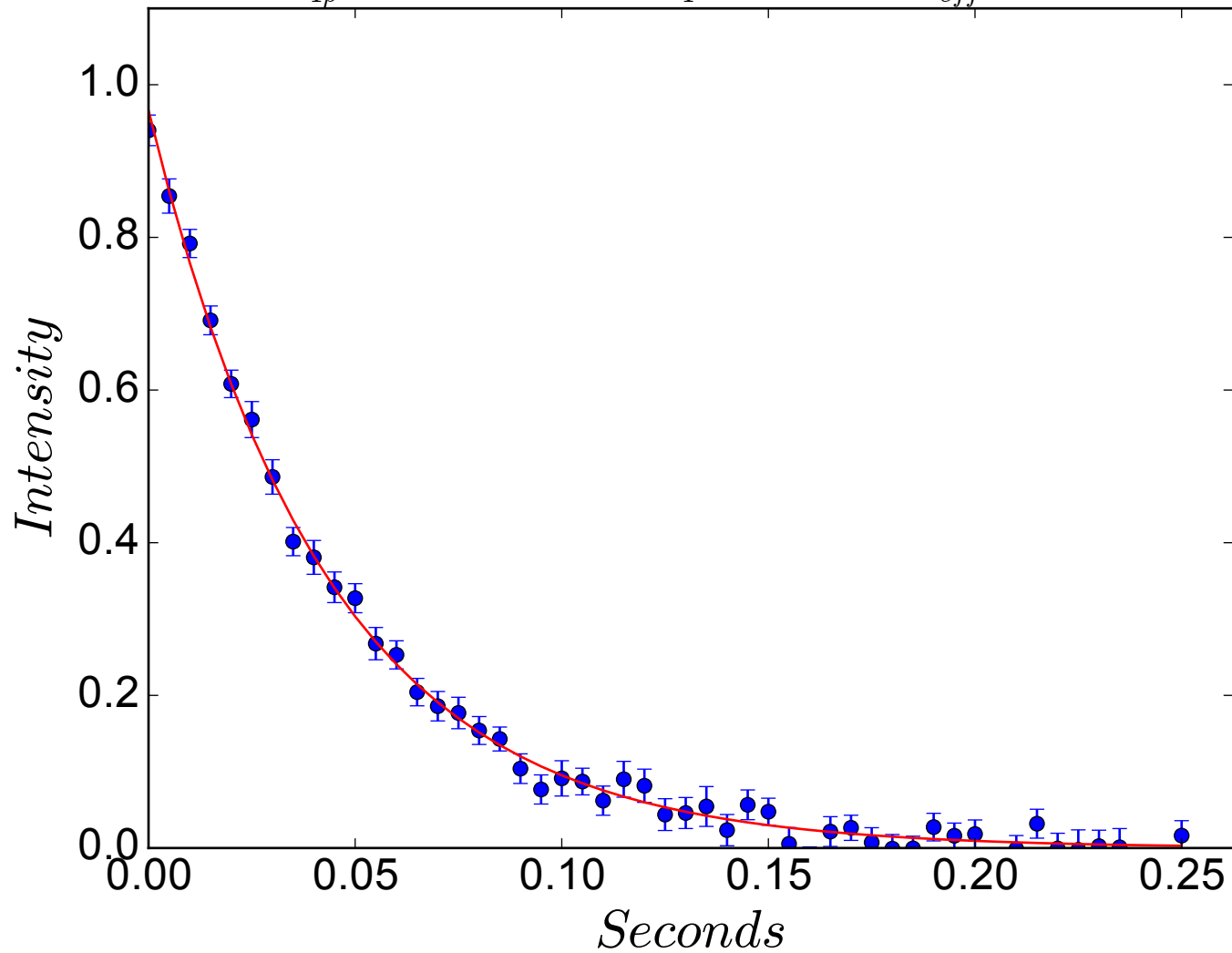
$$R_{1\rho} = 24.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1349 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



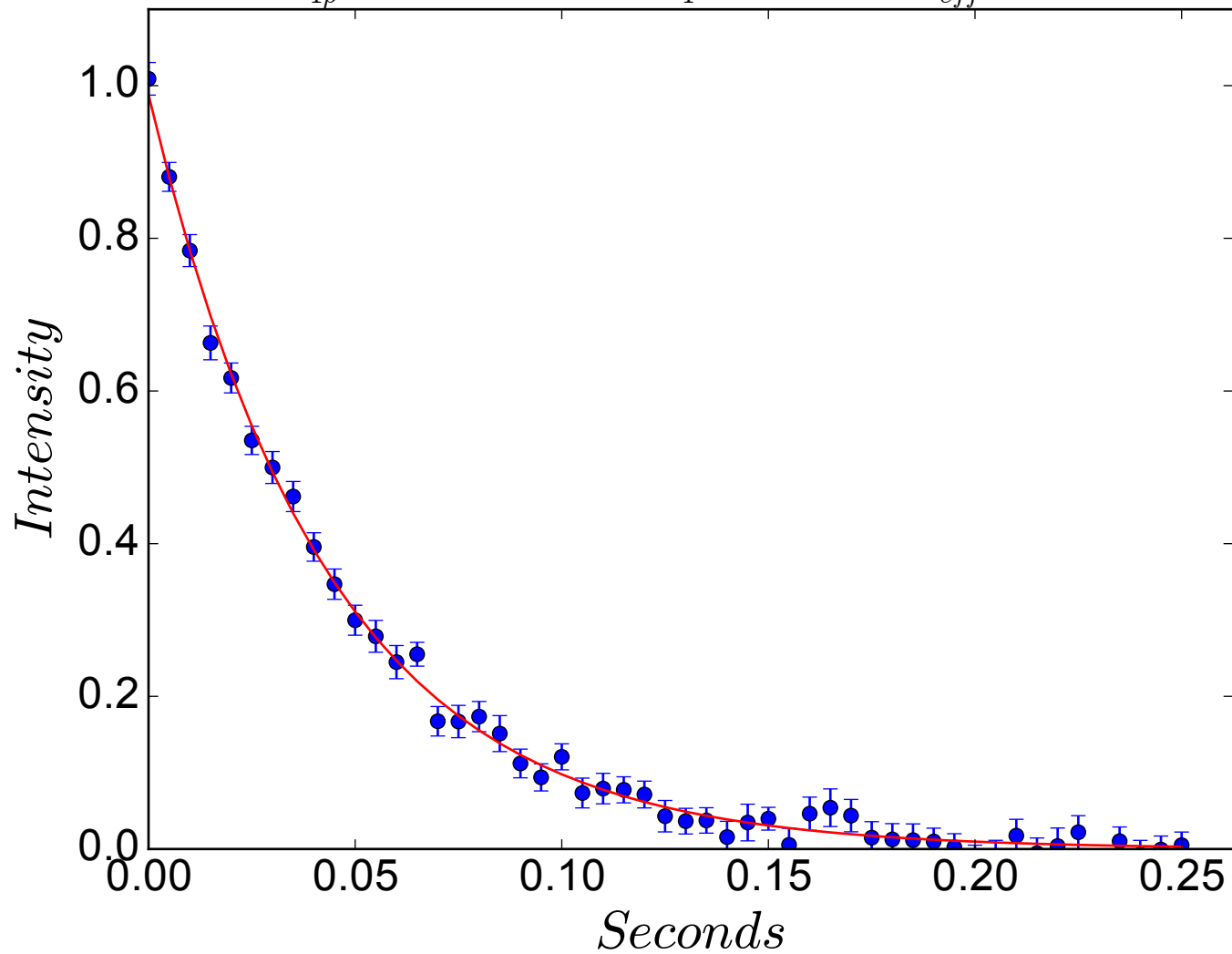
$$R_{1\rho} = 24.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1418 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



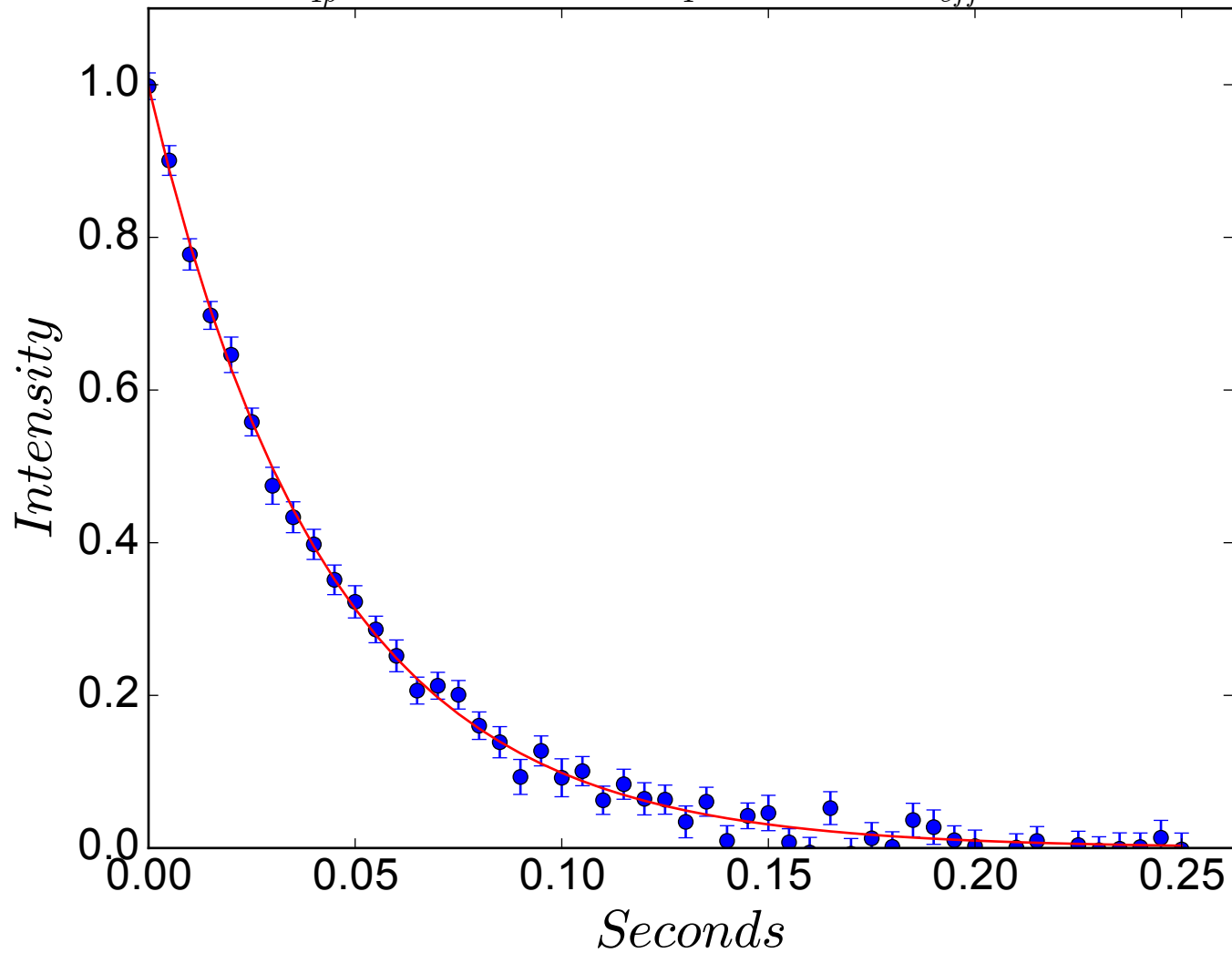
$$R_{1\rho} = 23.2 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1488 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



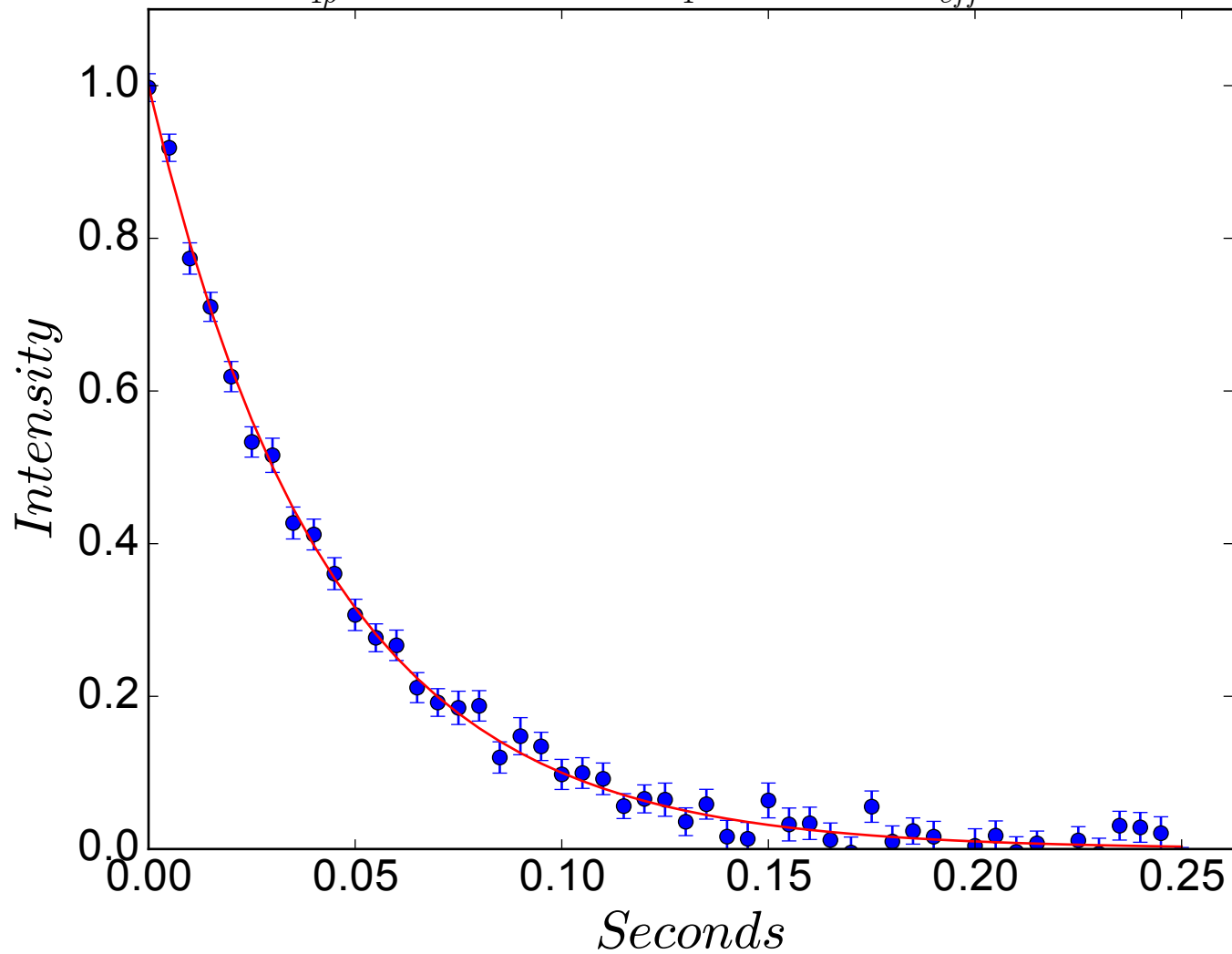
$$R_{1\rho} = 23.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1557 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 23.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1627 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

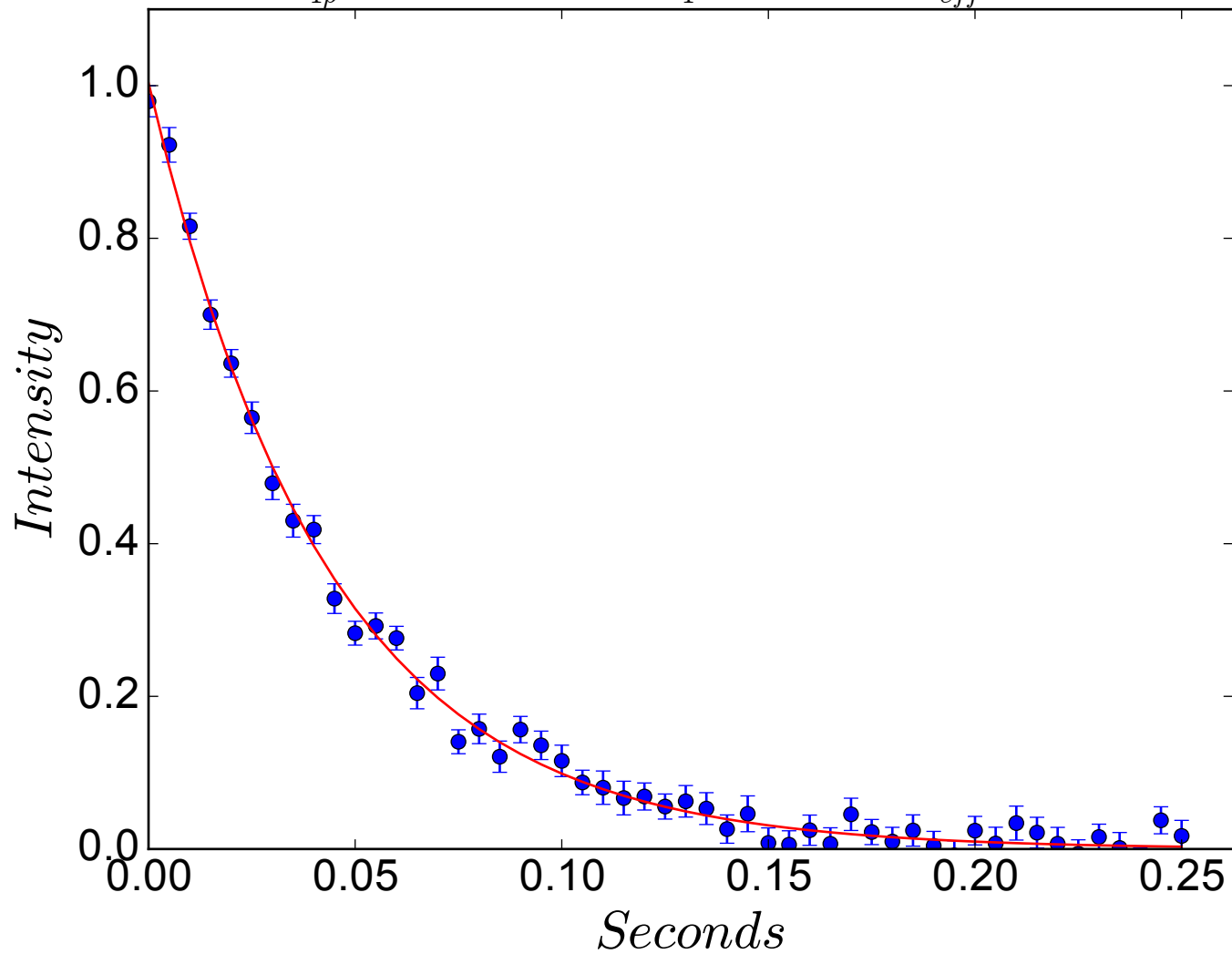


$$R_{1\rho} = 23.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1696 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

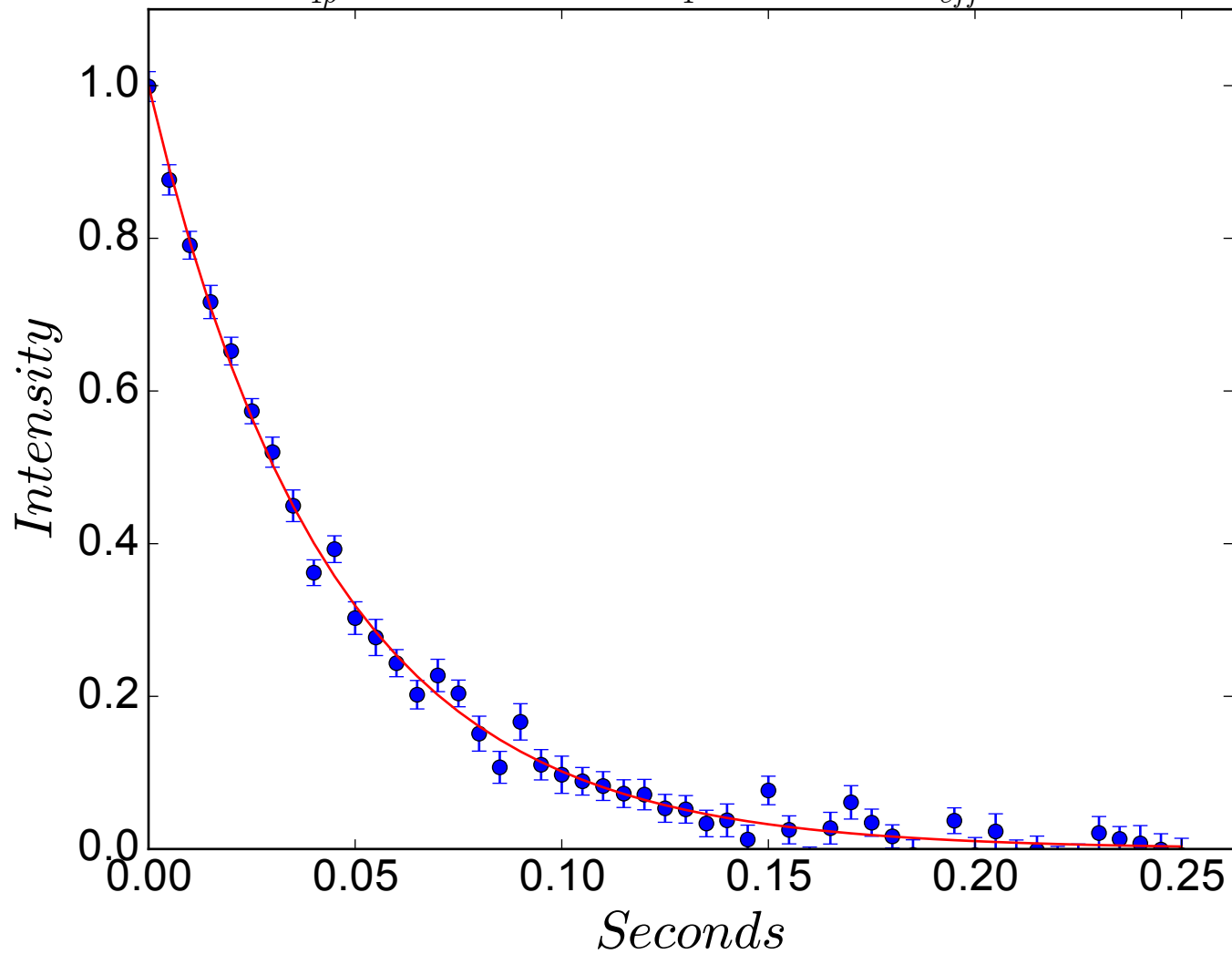




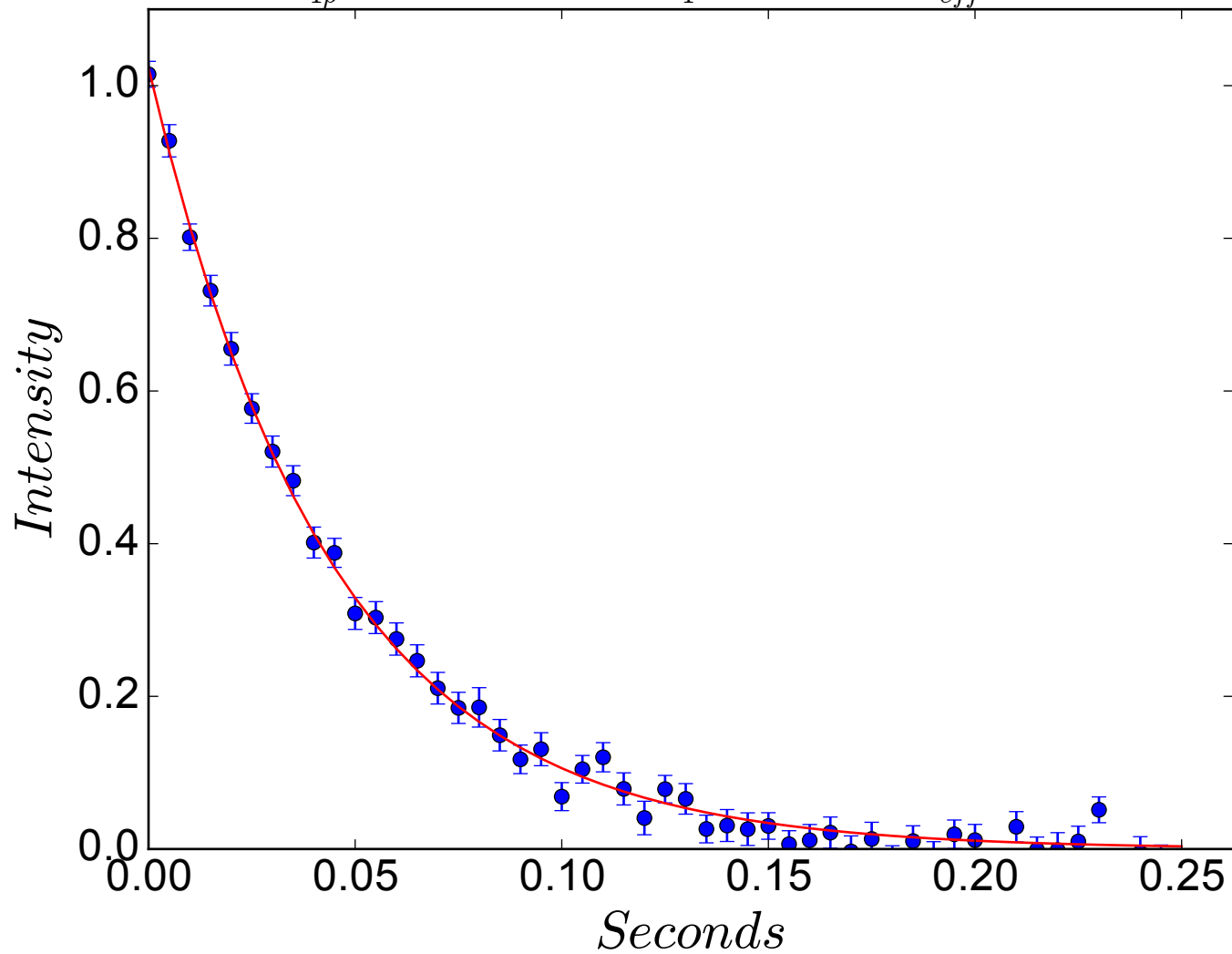
$$R_{1\rho} = 23.2 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1765 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



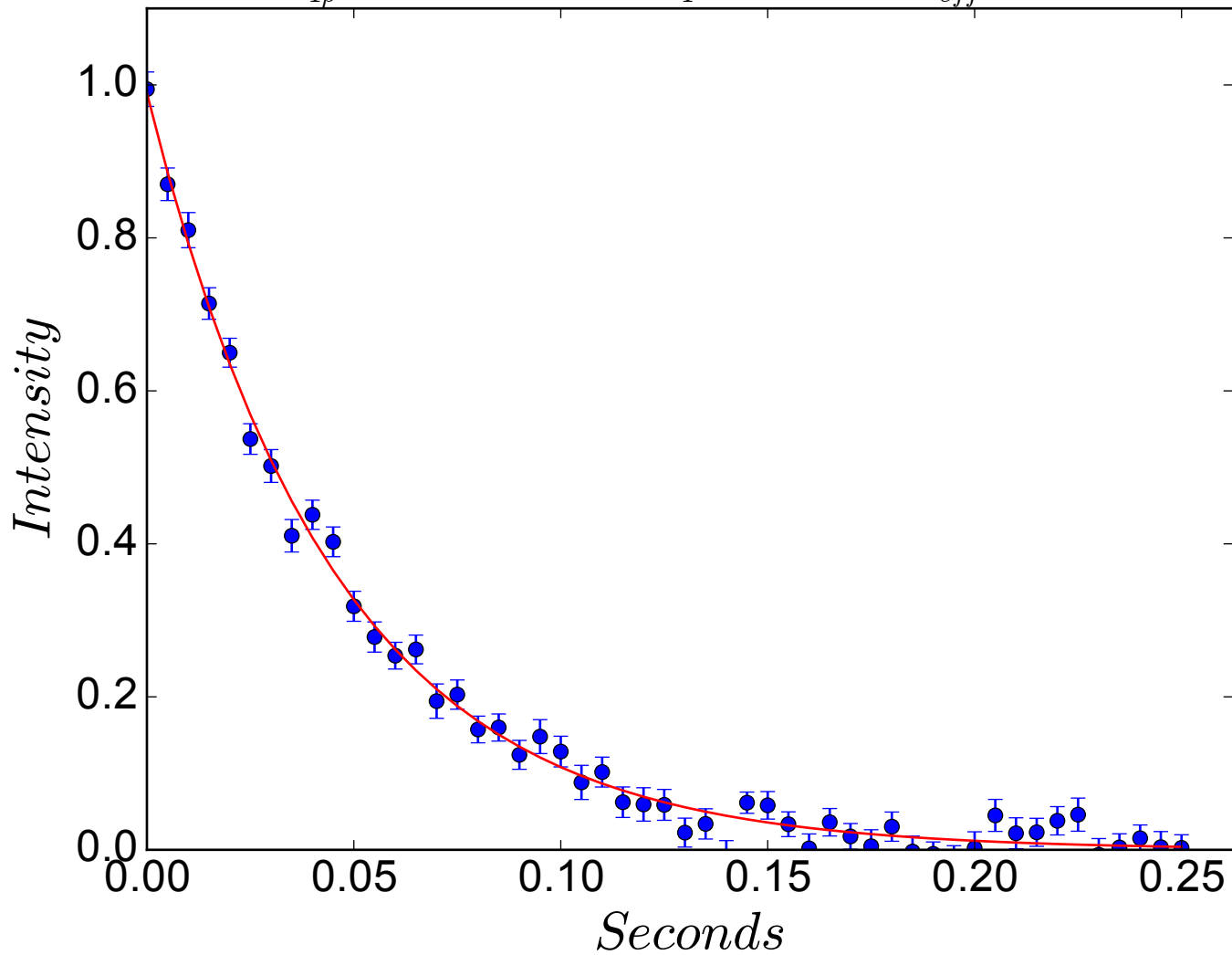
$$R_{1\rho} = 22.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1835 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



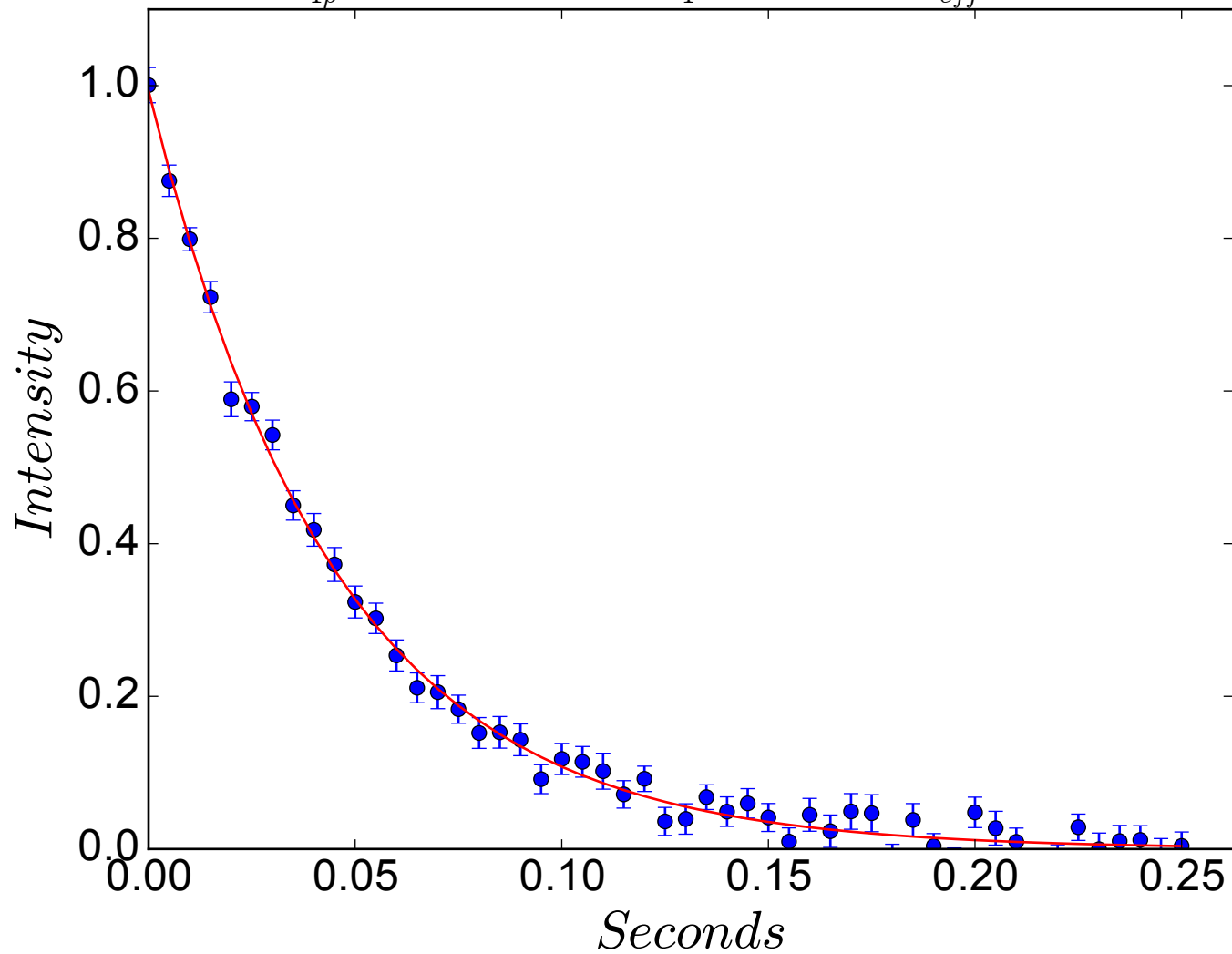
$$R_{1\rho} = 22.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1904 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



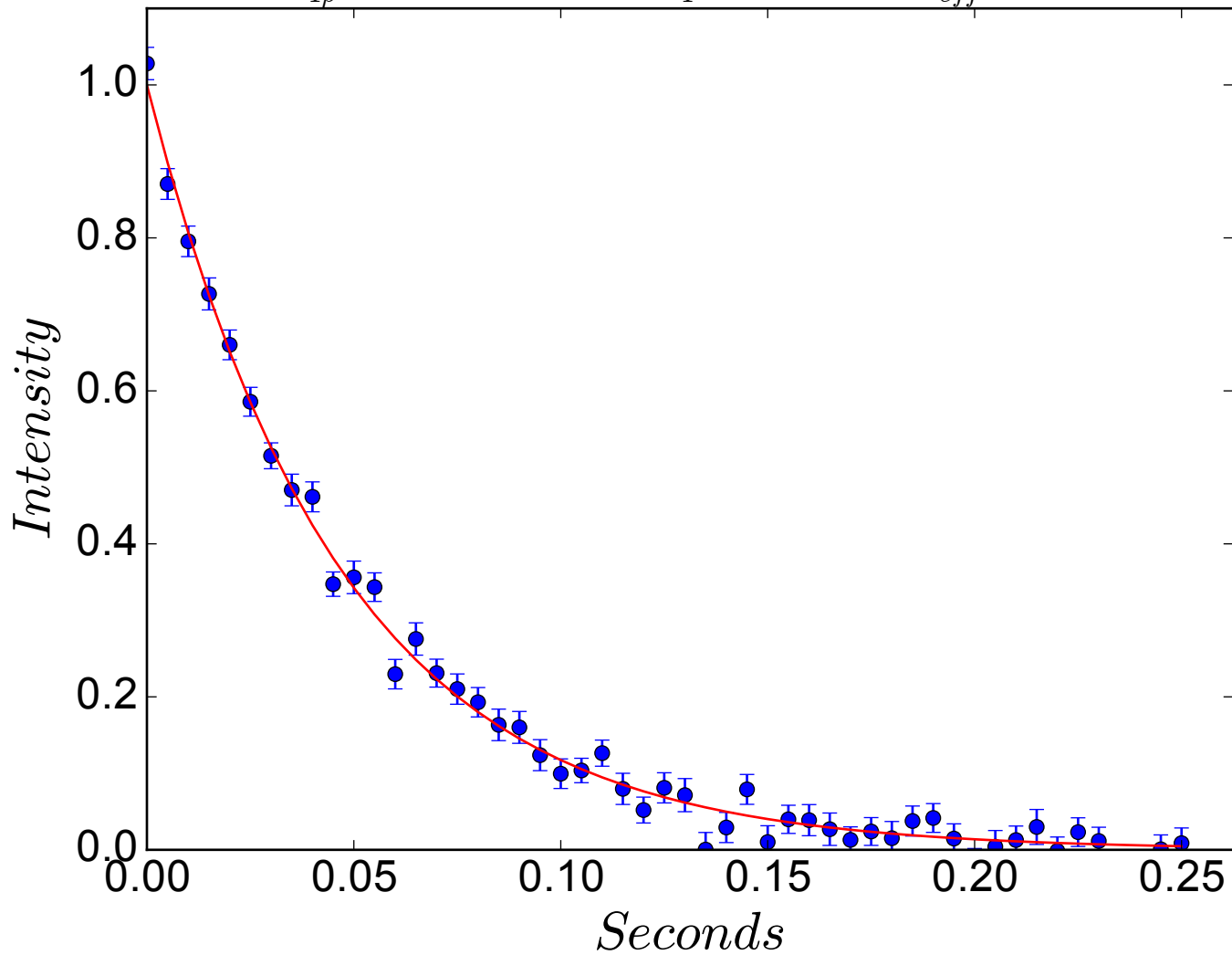
$$R_{1\rho} = 22.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1973 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



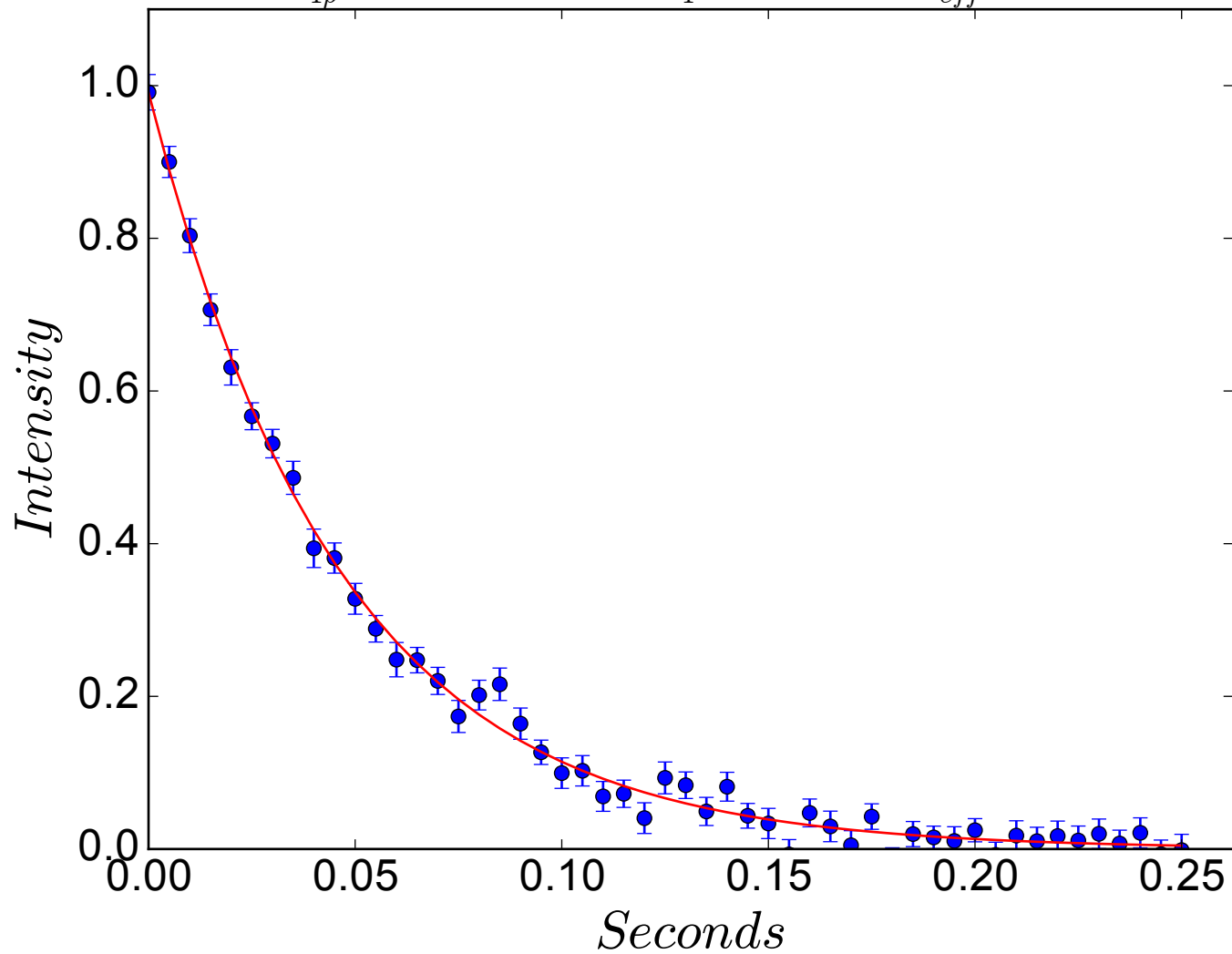
$$R_{1\rho} = 22.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2043 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



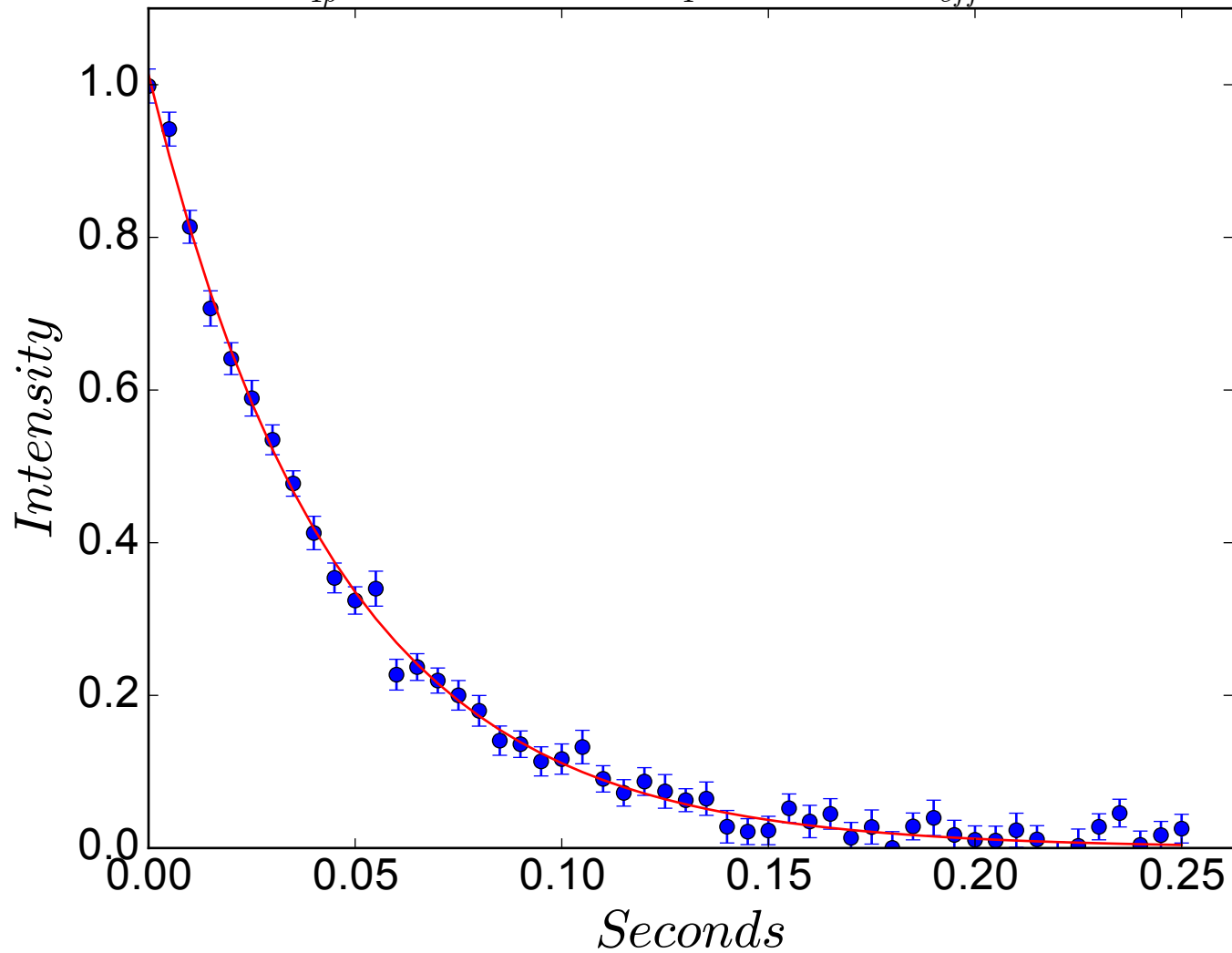
$$R_{1\rho} = 21.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2112 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 21.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2182 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

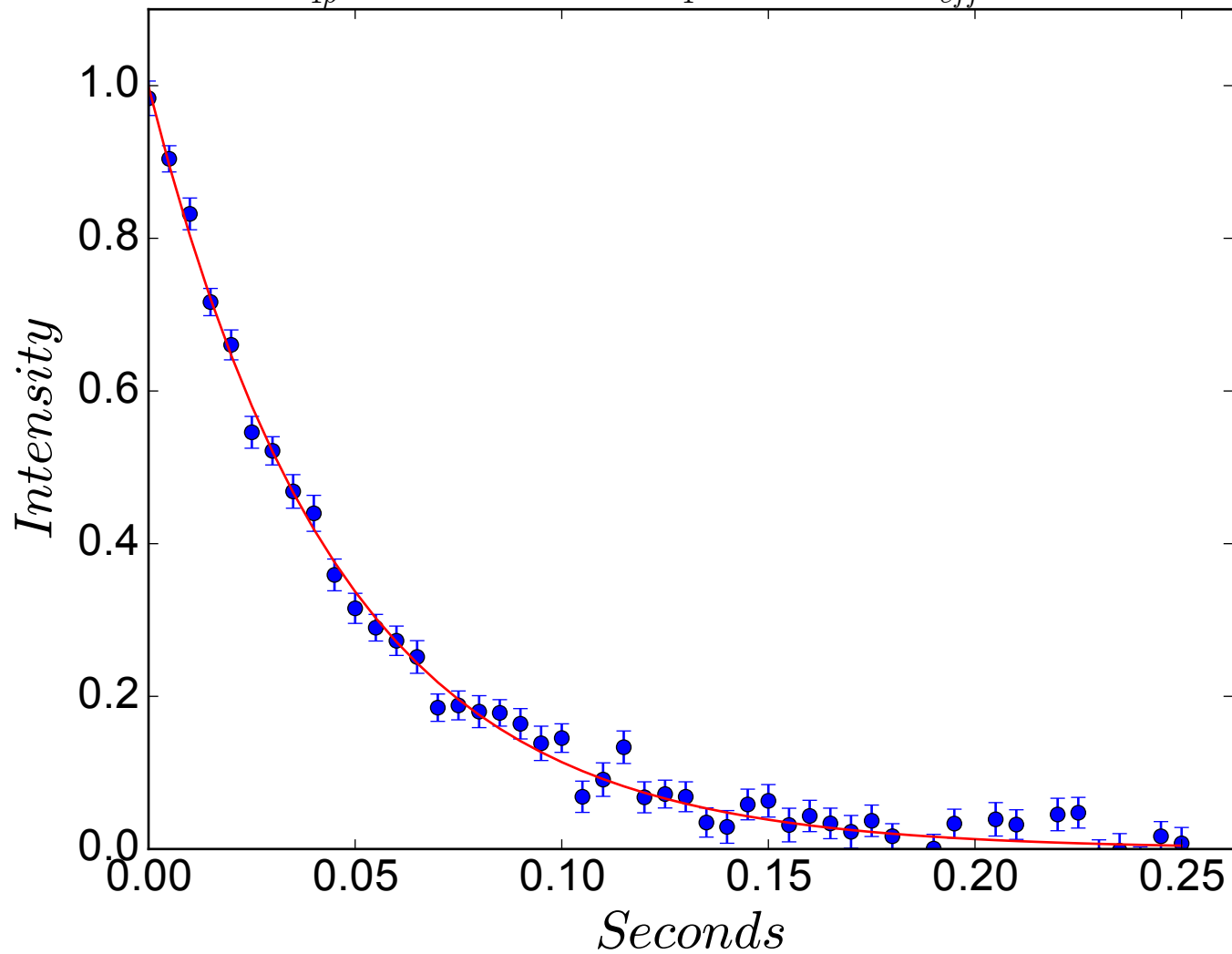


$$R_{1\rho} = 22.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2251 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

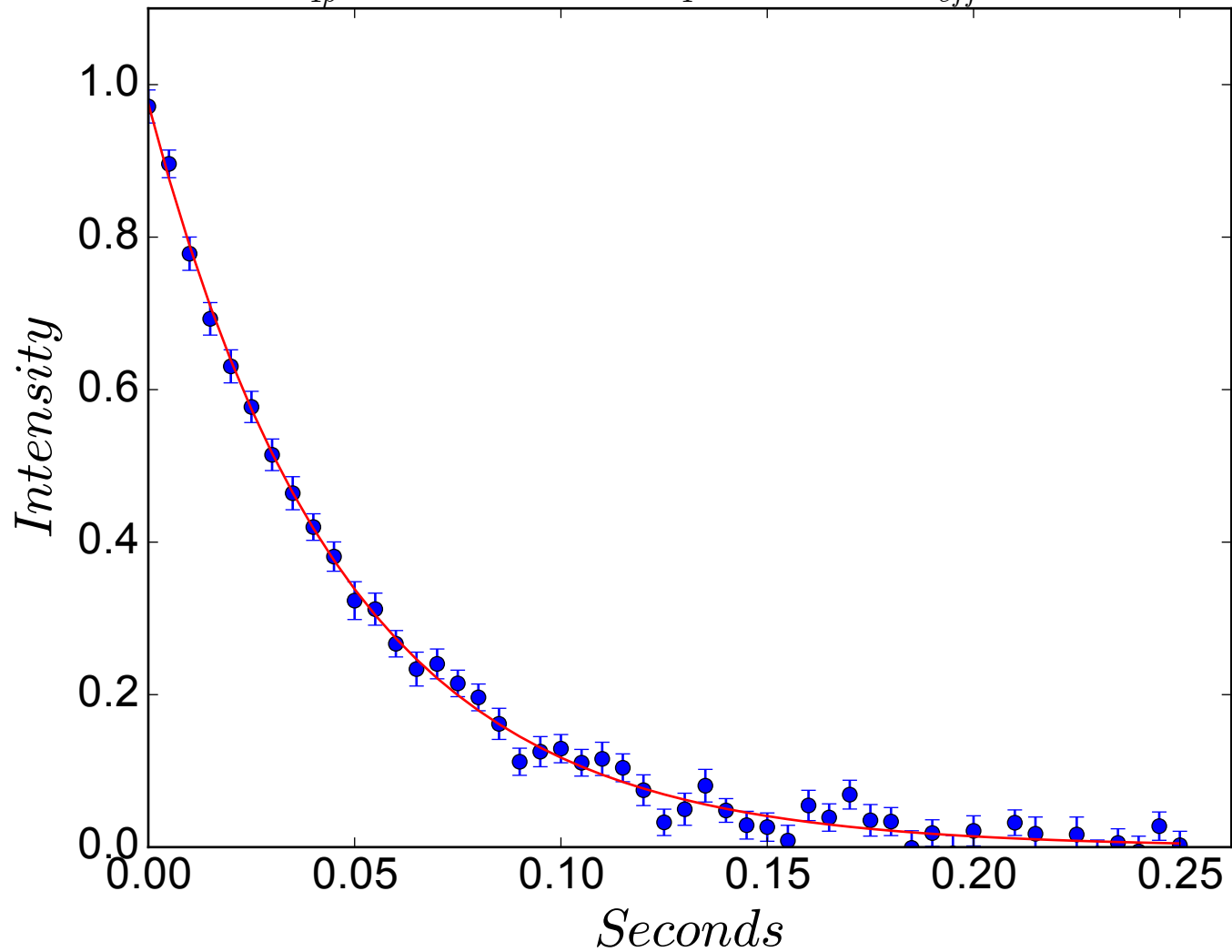




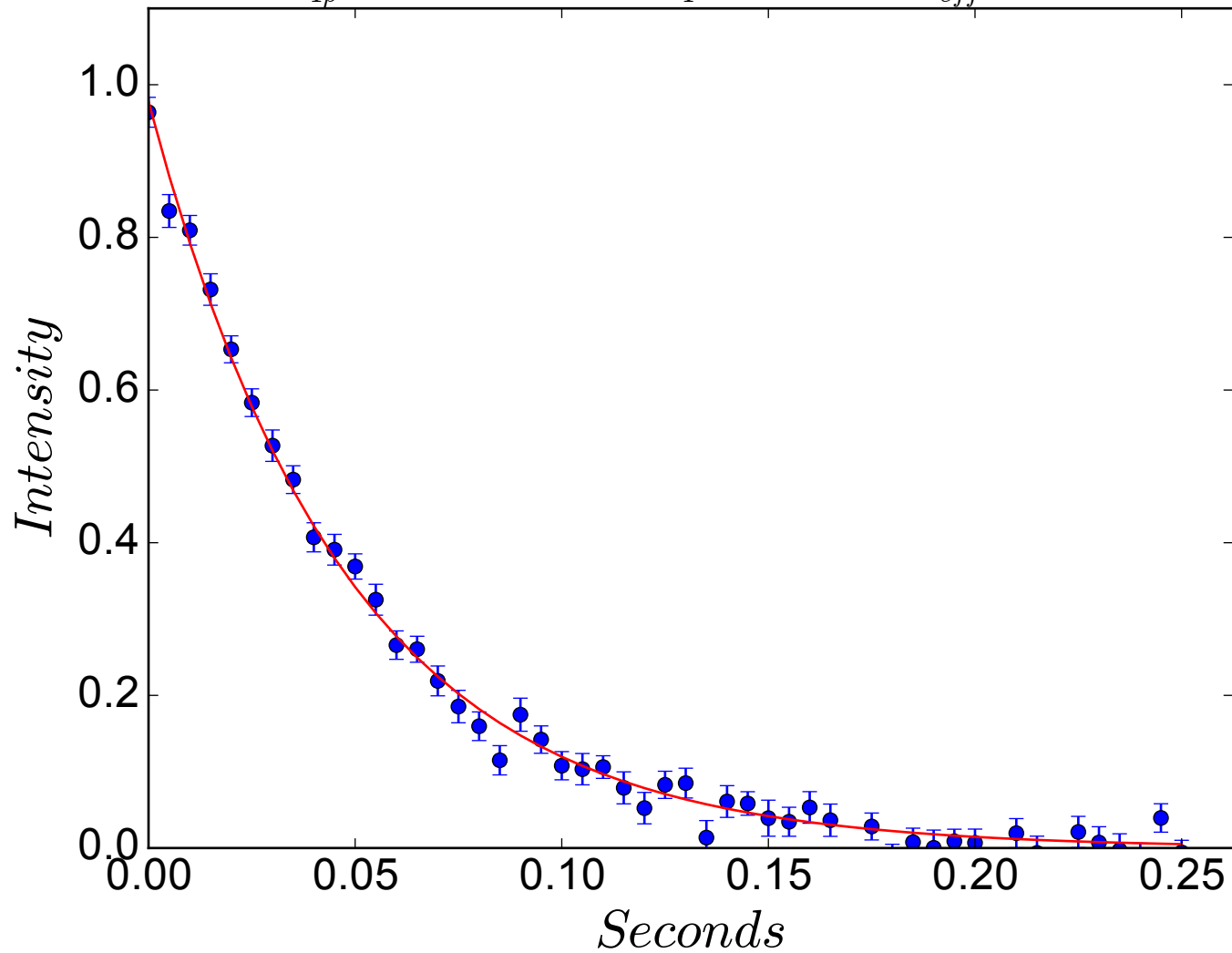
$$R_{1\rho} = 21.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2320 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



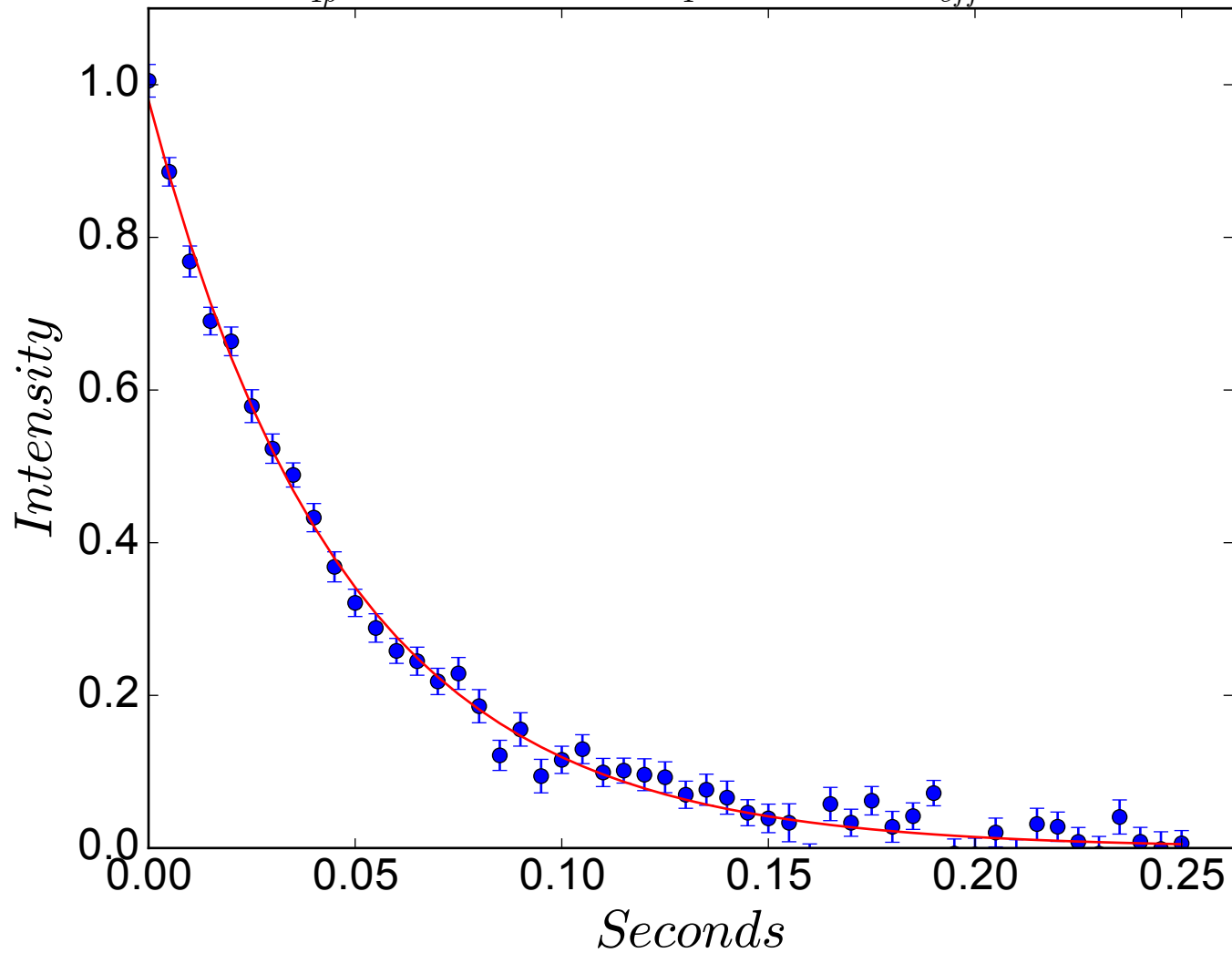
$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2390 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



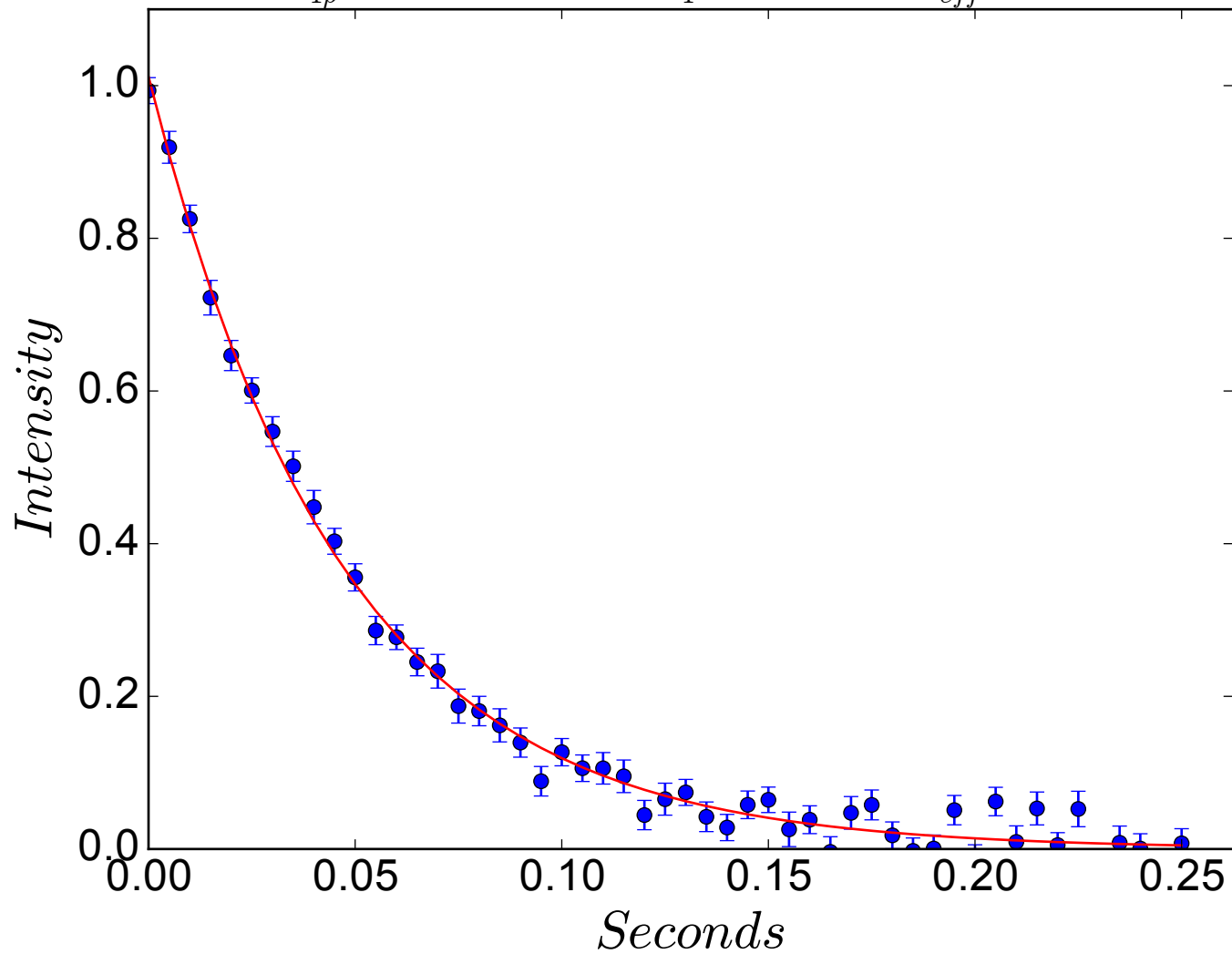
$$R_{1\rho} = 21.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2459 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



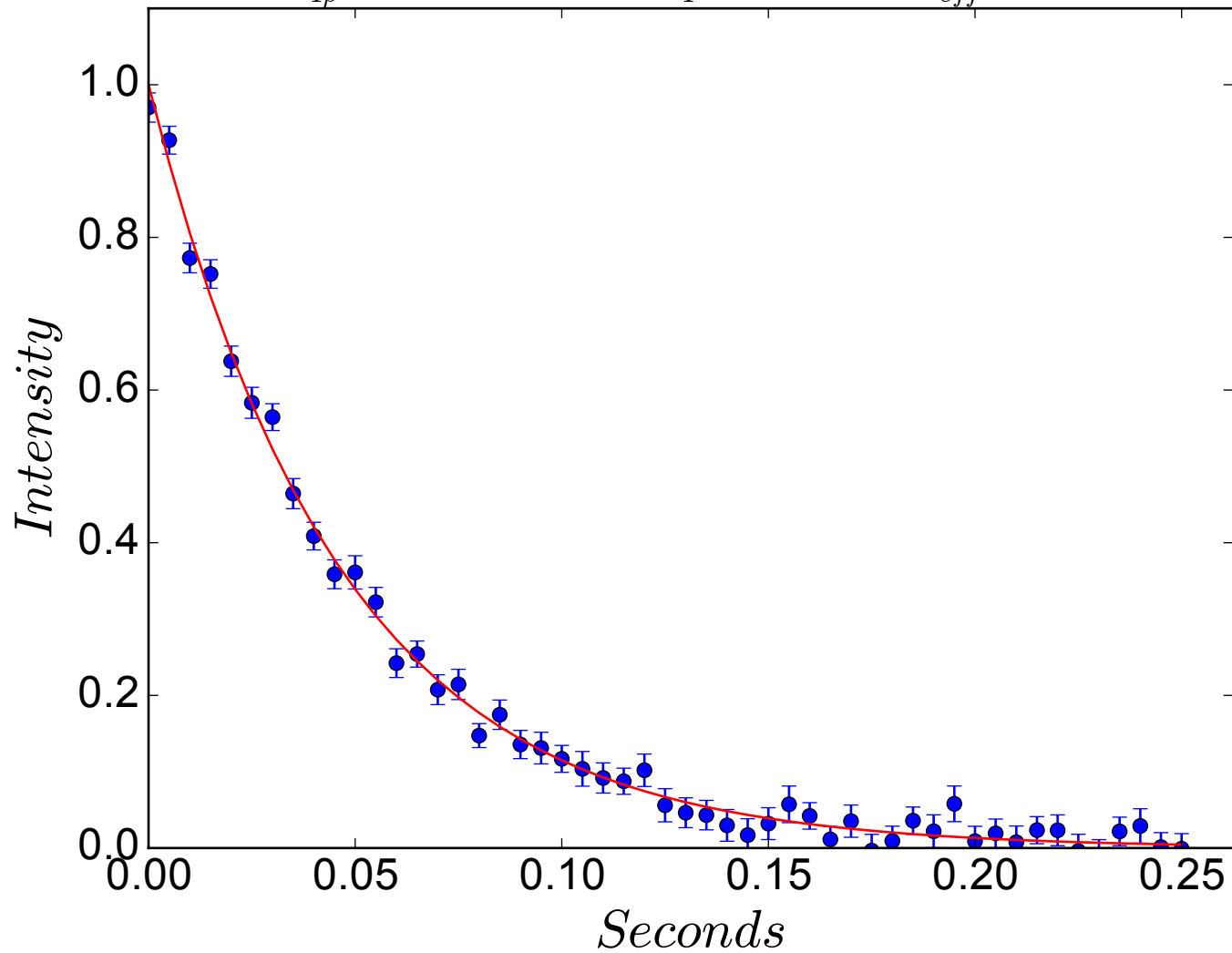
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2529 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



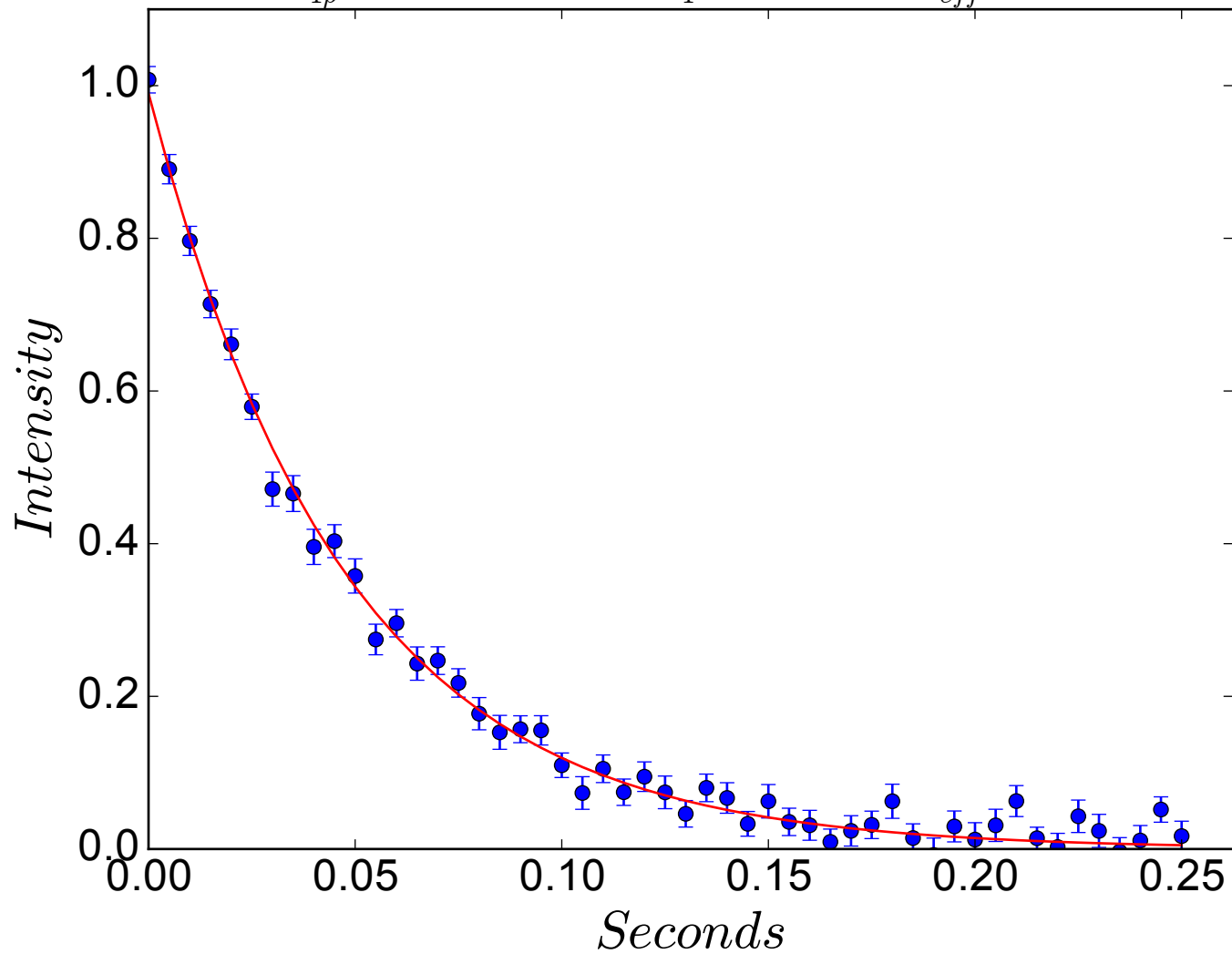
$$R_{1\rho} = 21.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 2598 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



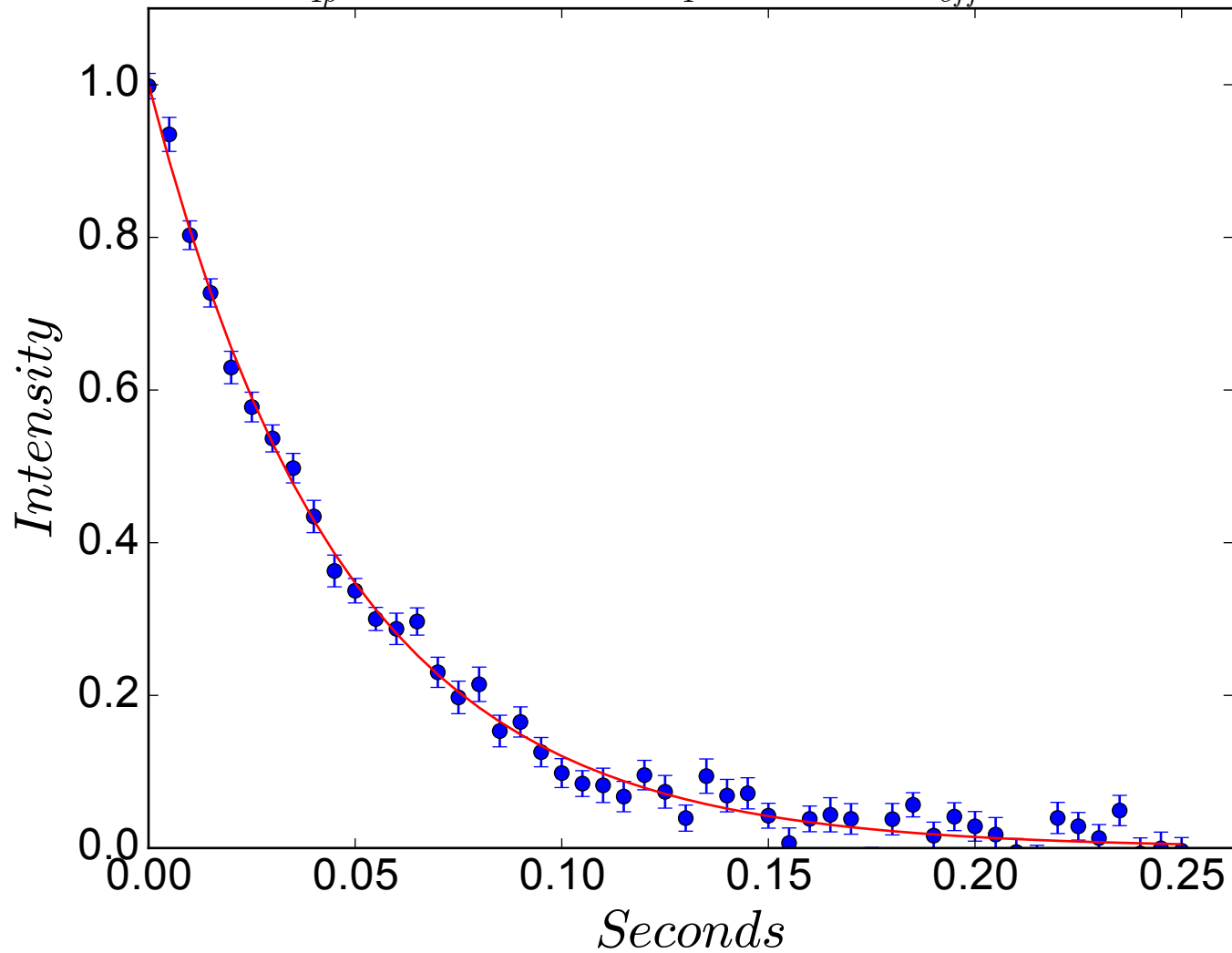
$$R_{1\rho} = 21.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2667 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2737 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

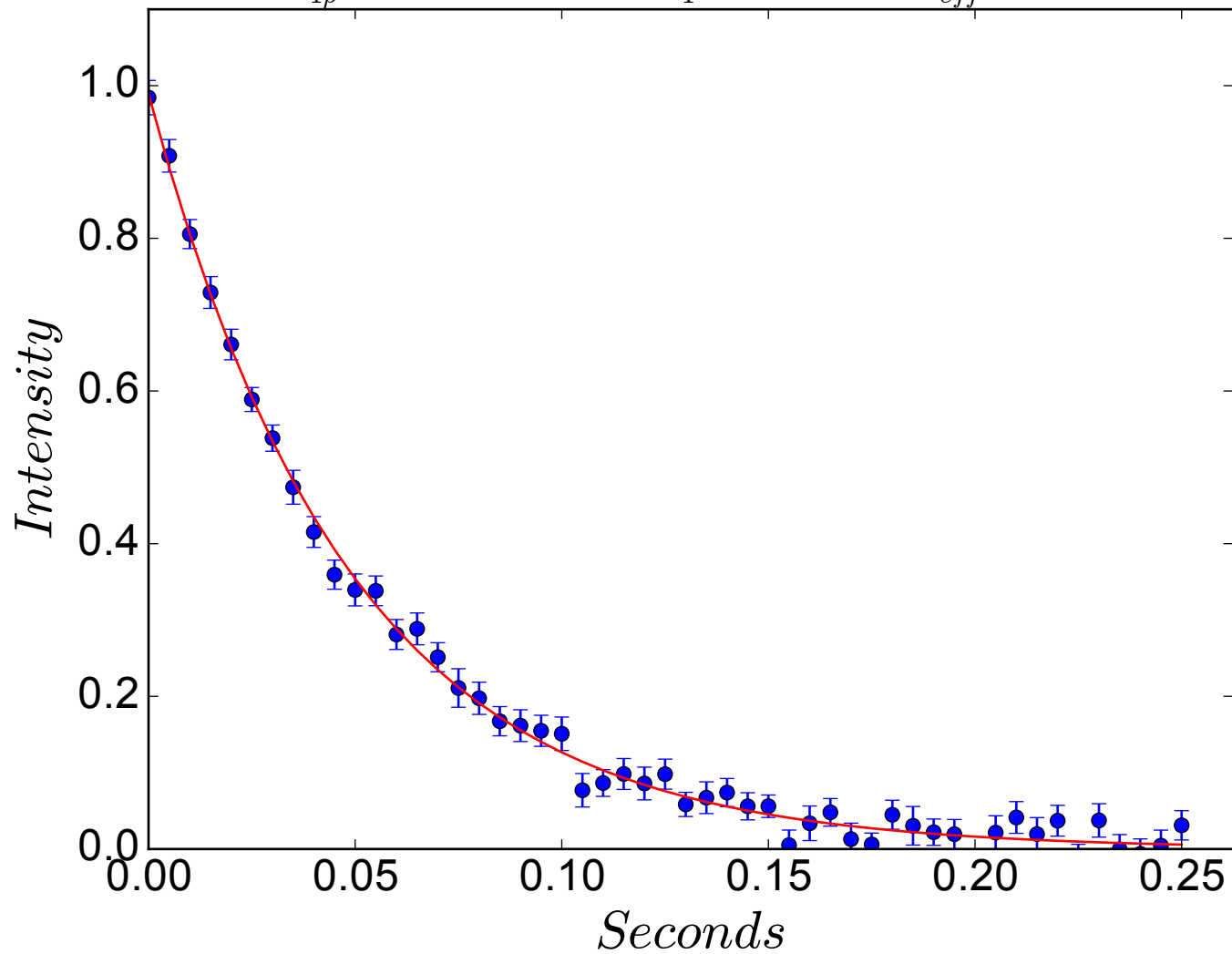


$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2806 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

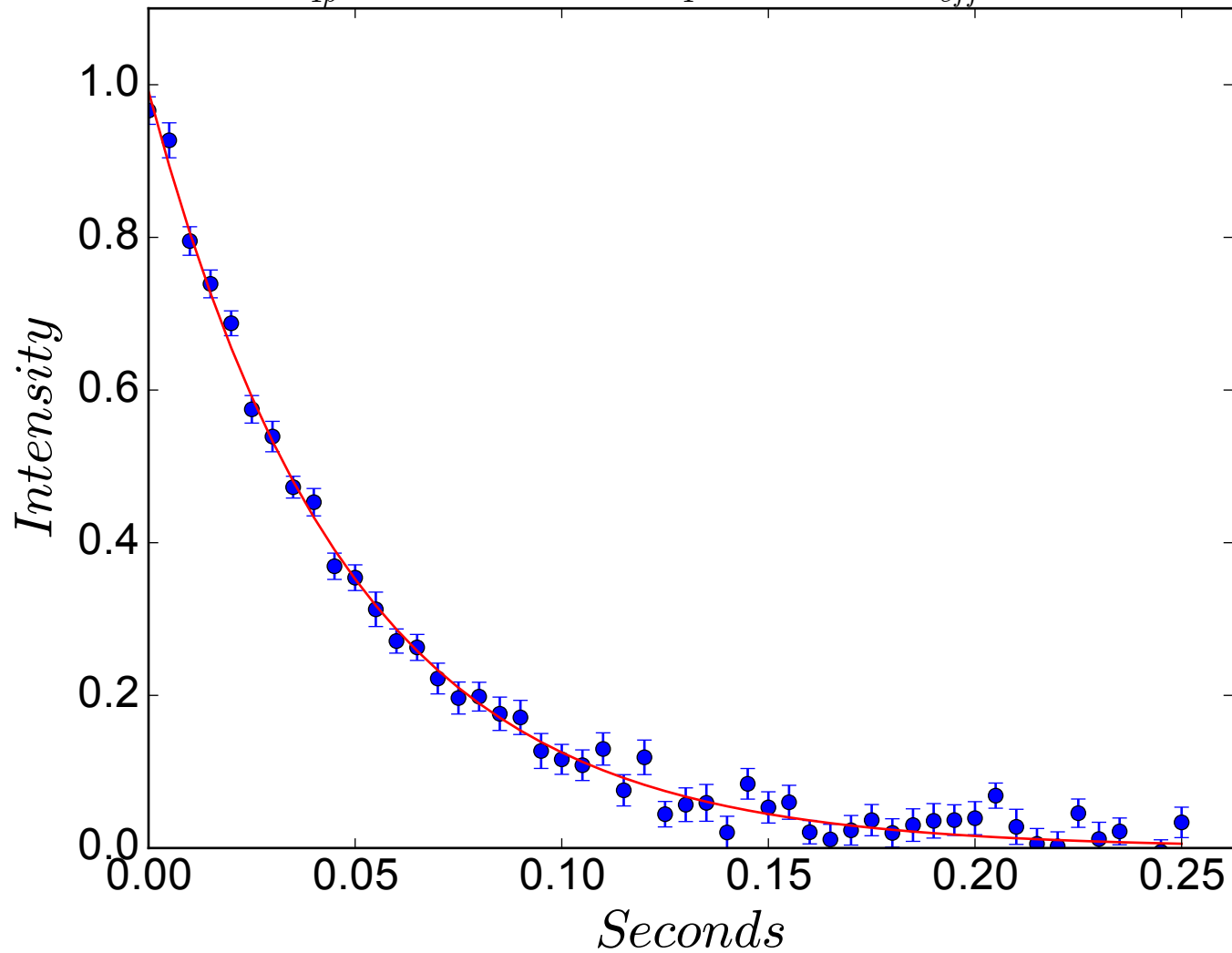




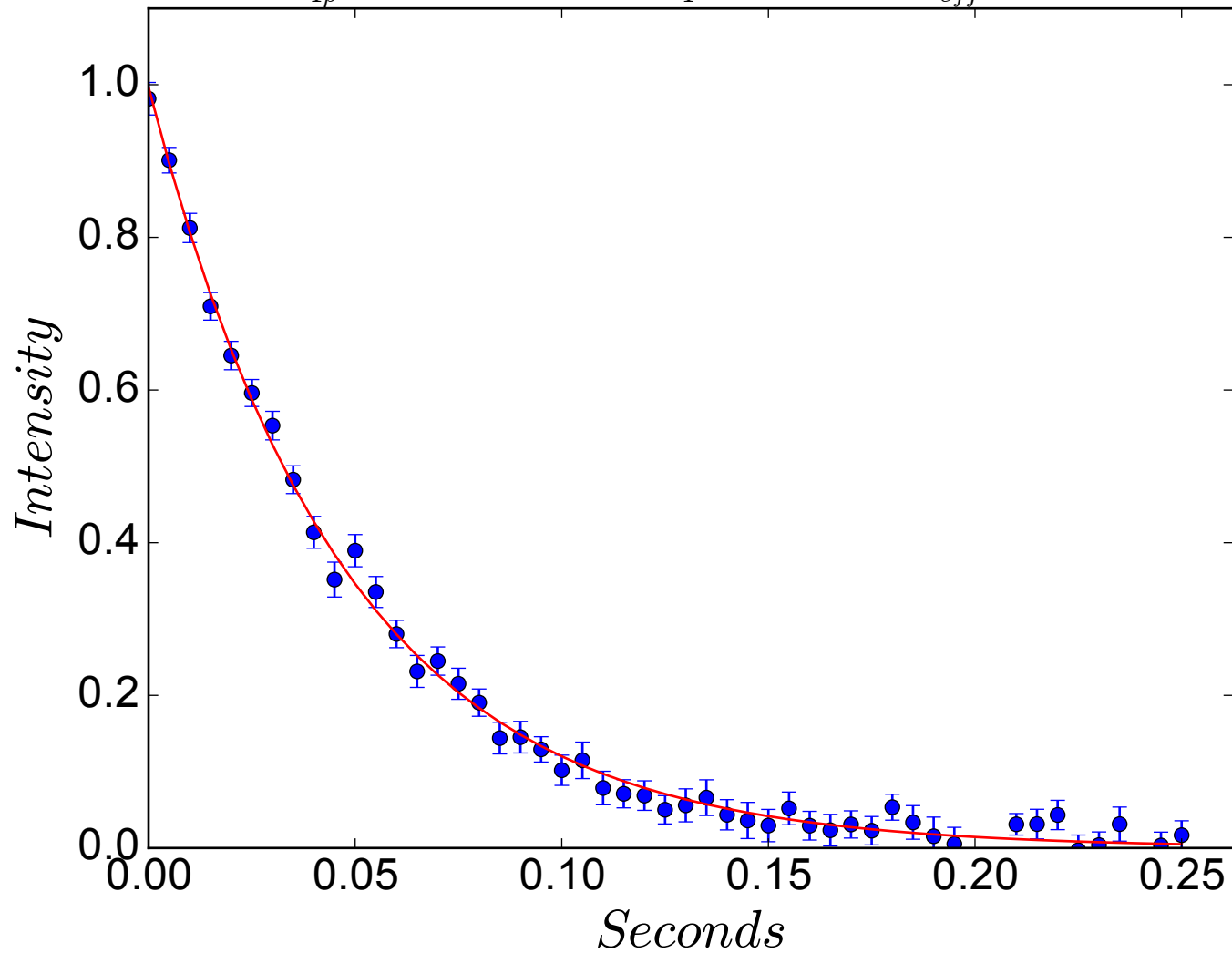
$$R_{1\rho} = 20.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2876 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



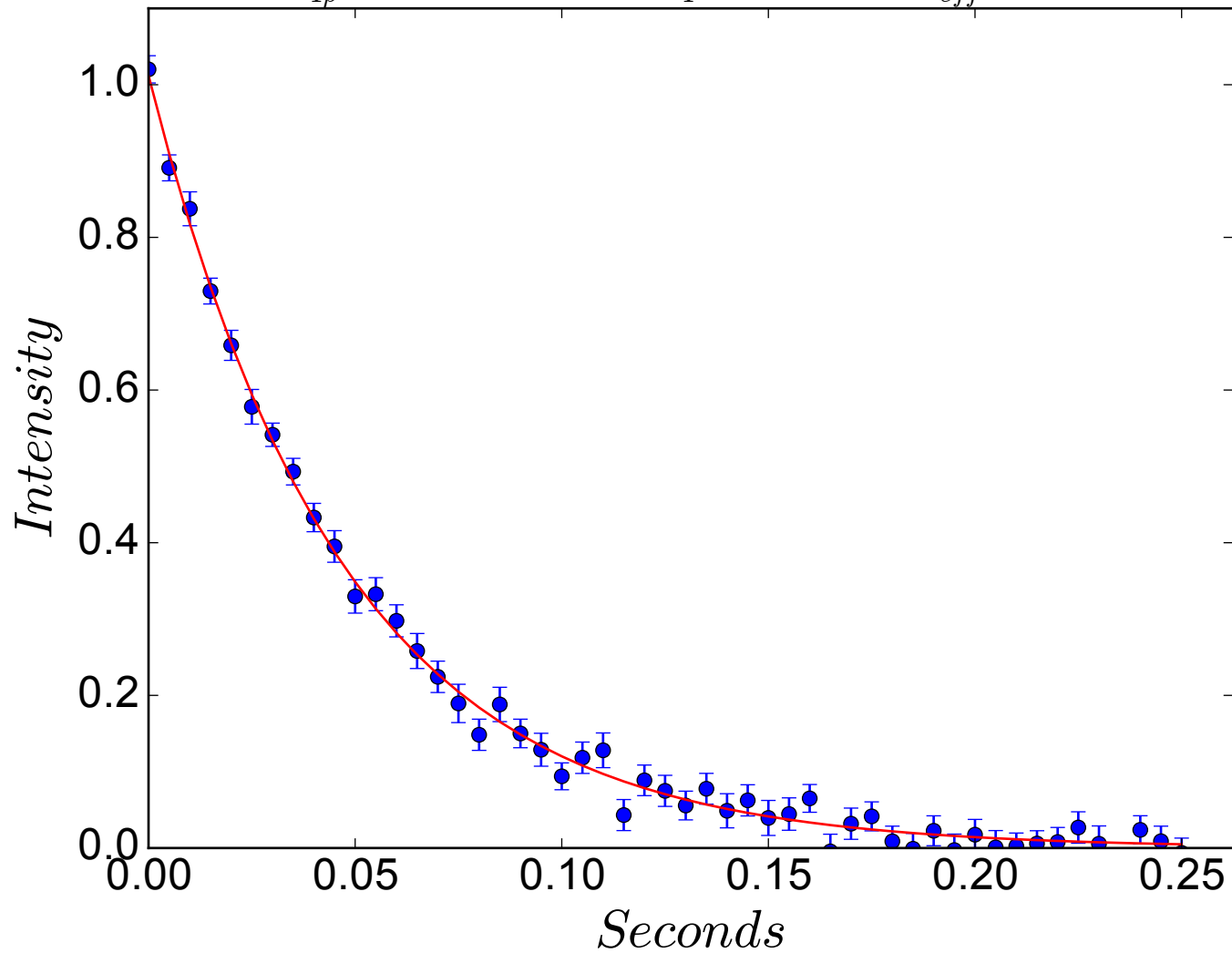
$$R_{1\rho} = 20.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2945 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



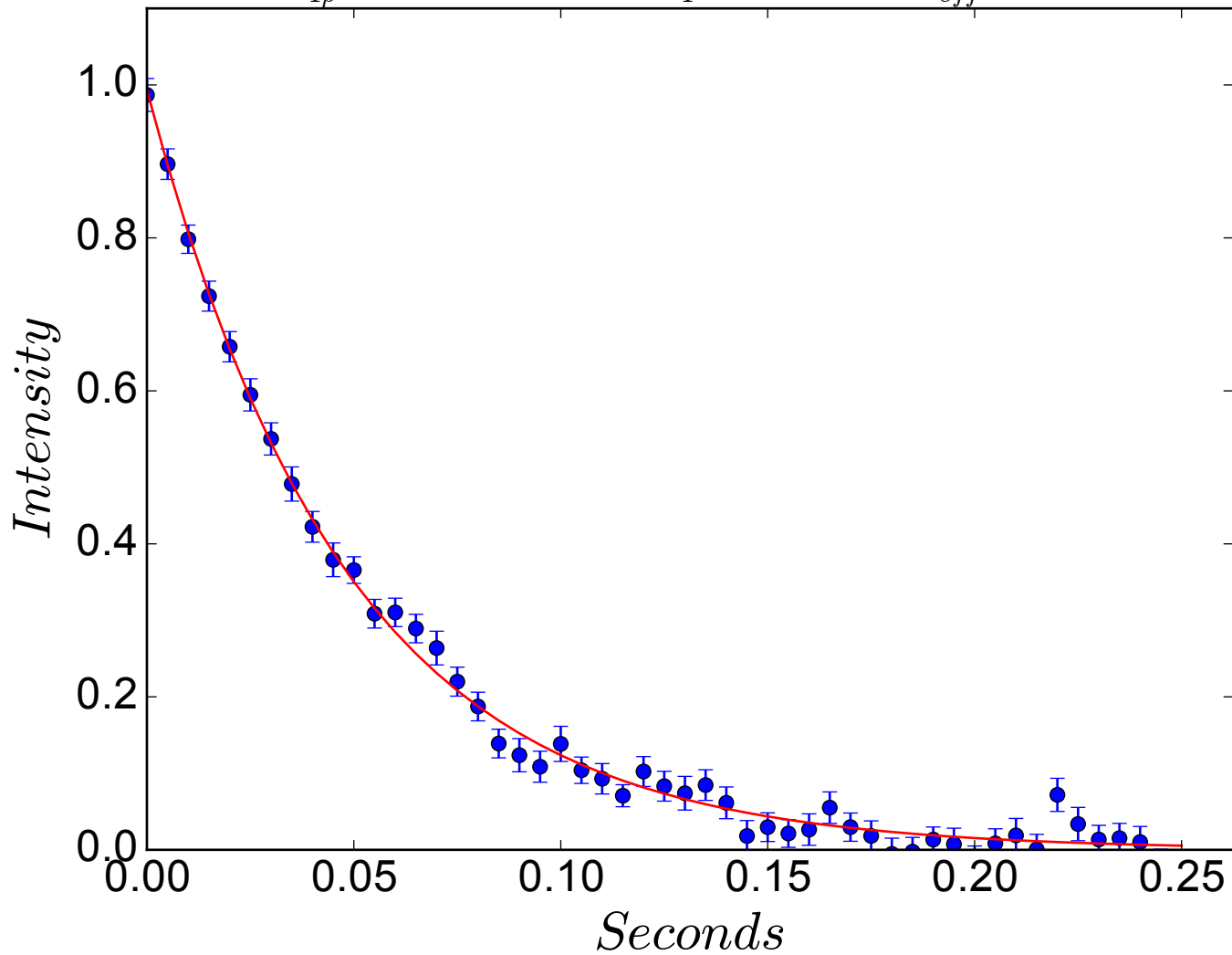
$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3014 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



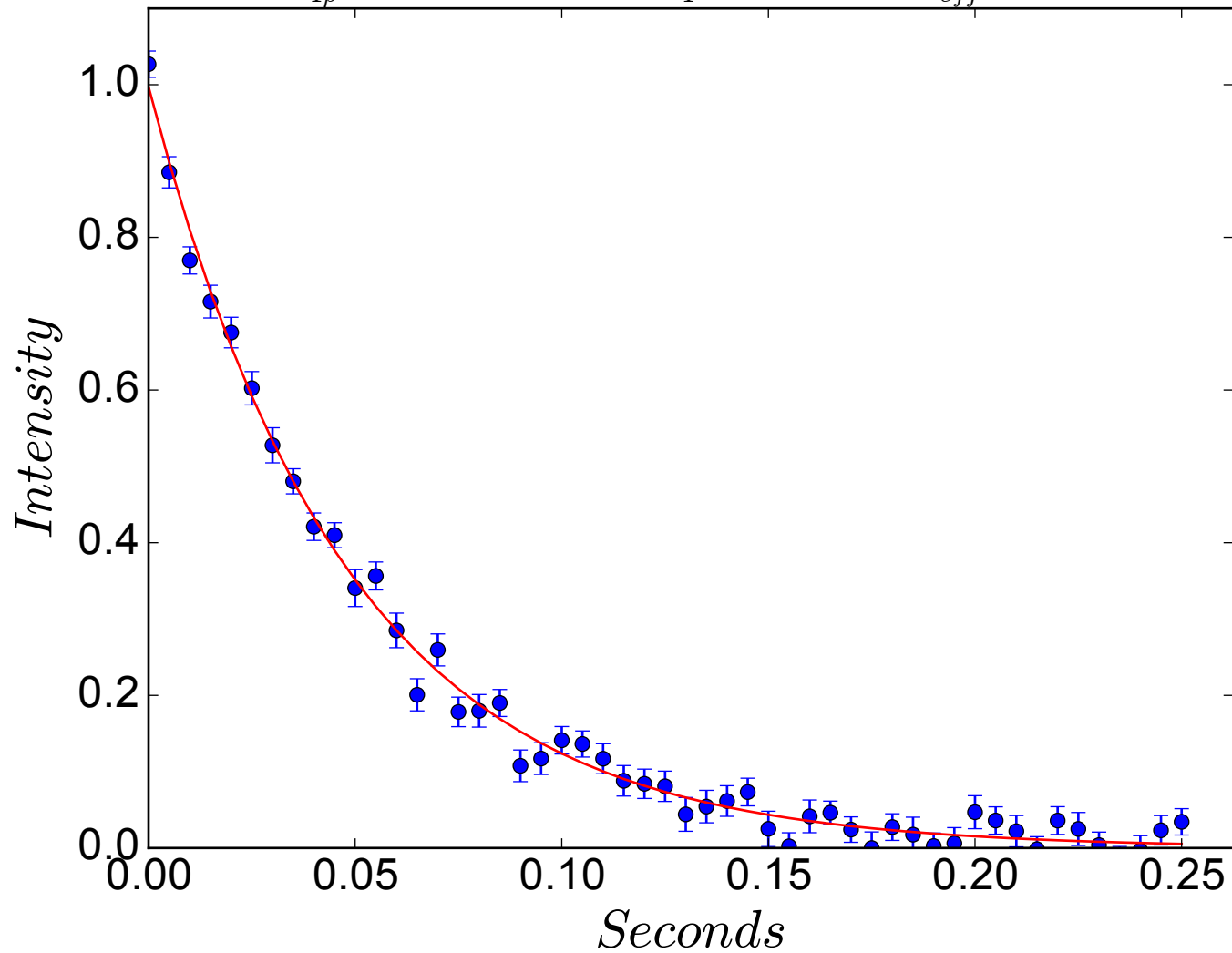
$$R_{1\rho} = 21.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3084 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



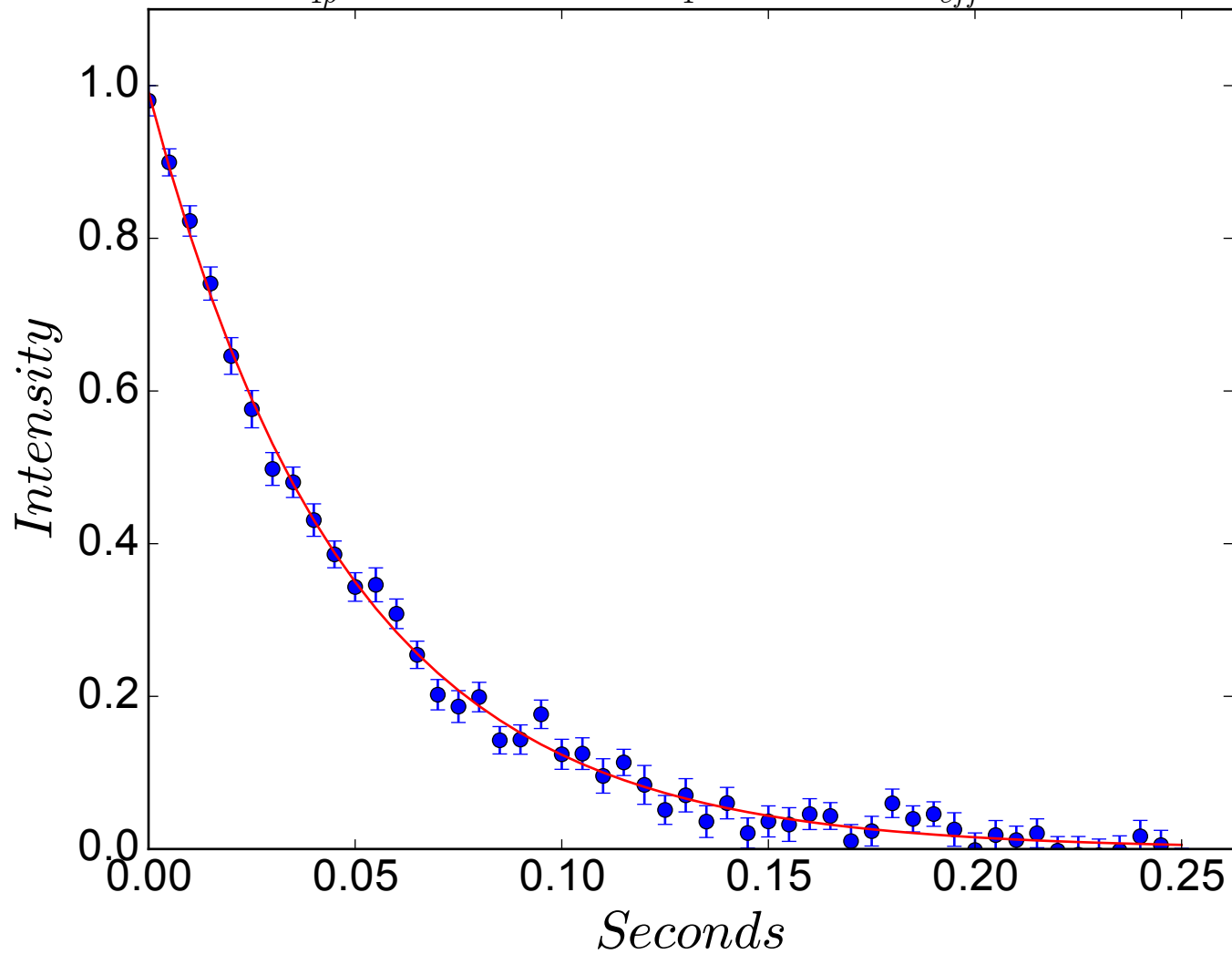
$$R_{1\rho} = 20.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3153 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



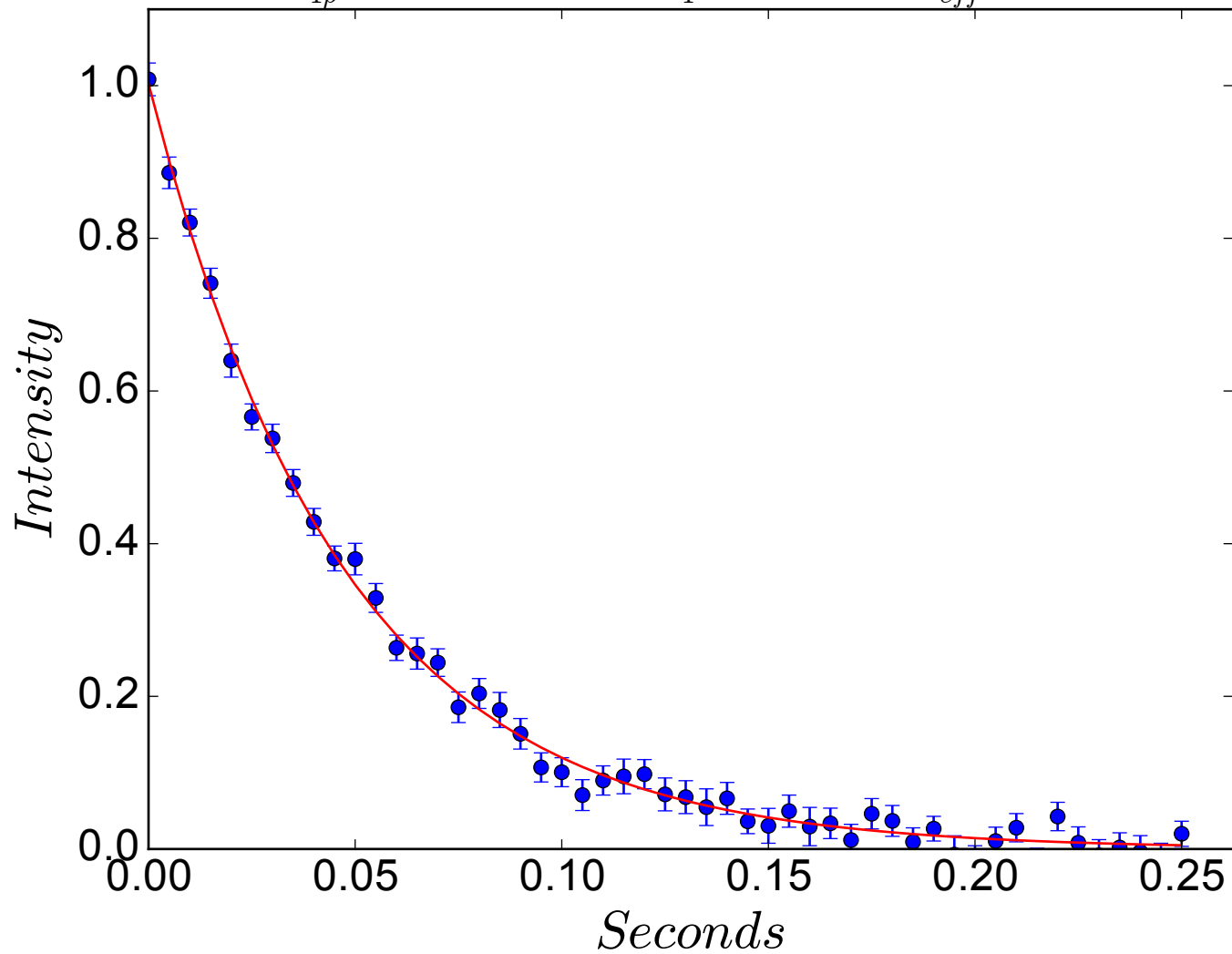
$$R_{1\rho} = 20.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3222 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



$$R_{1\rho} = 20.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 3292 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

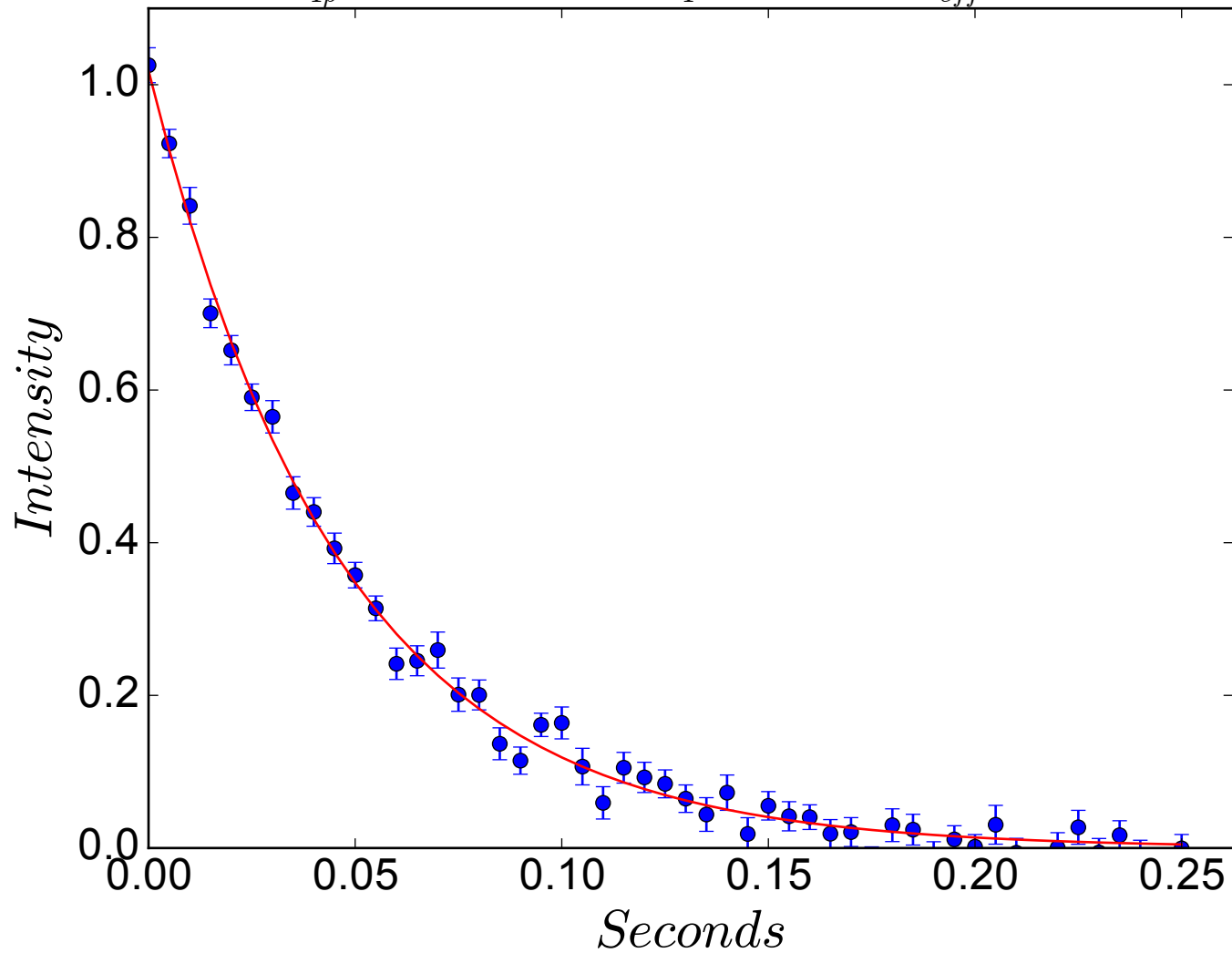


$$R_{1\rho} = 21.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 3361 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$

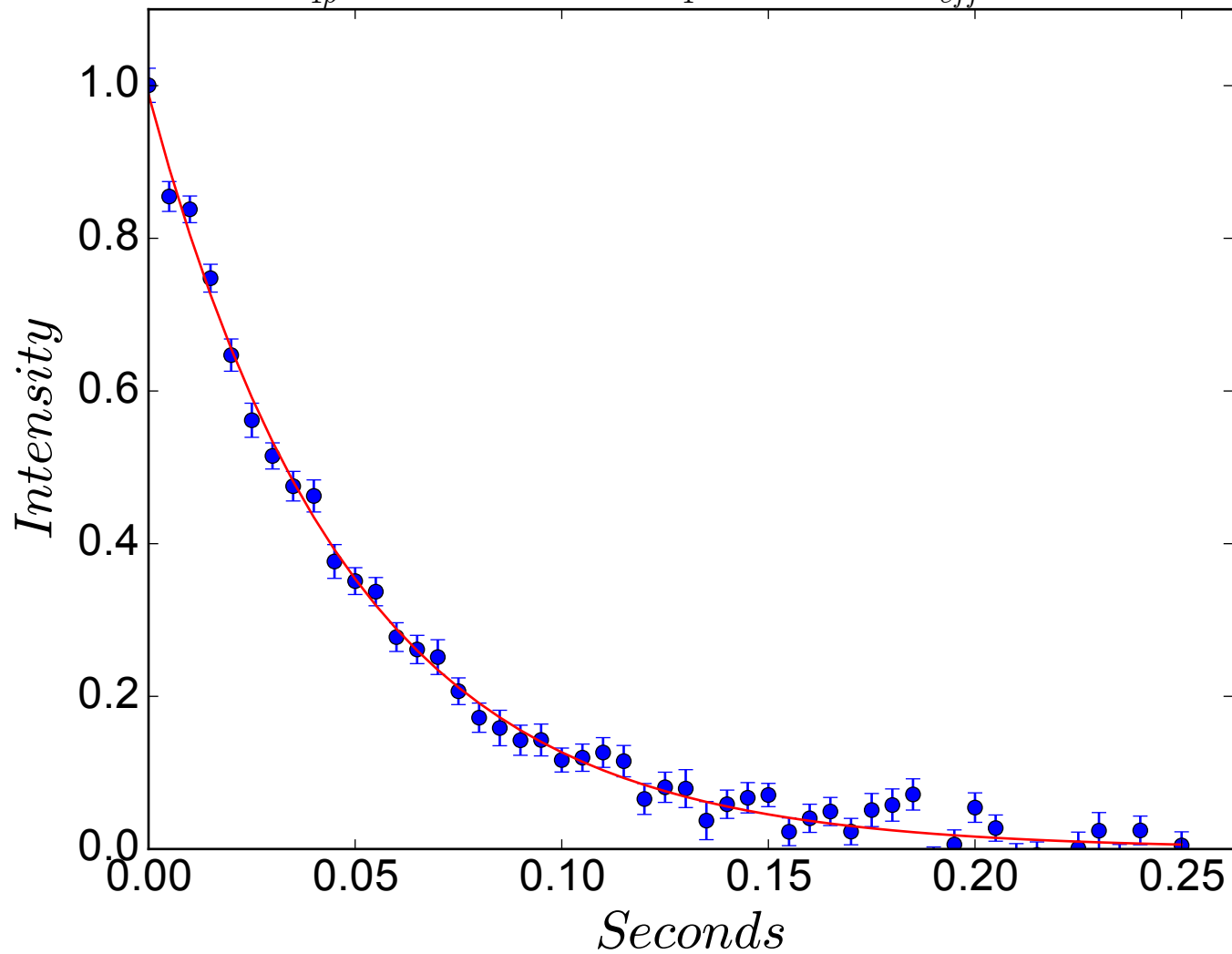




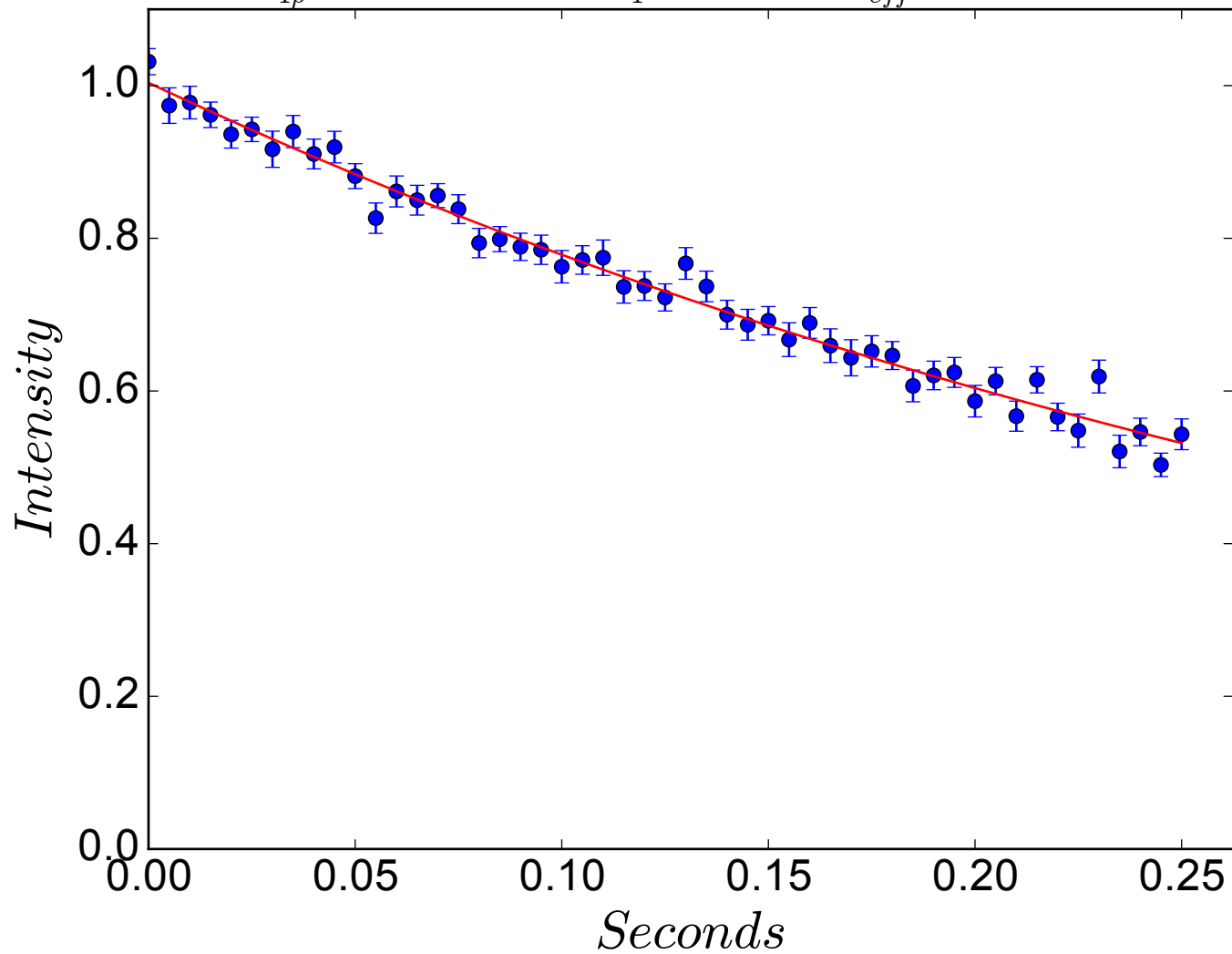
$$R_{1\rho} = 21.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3431 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



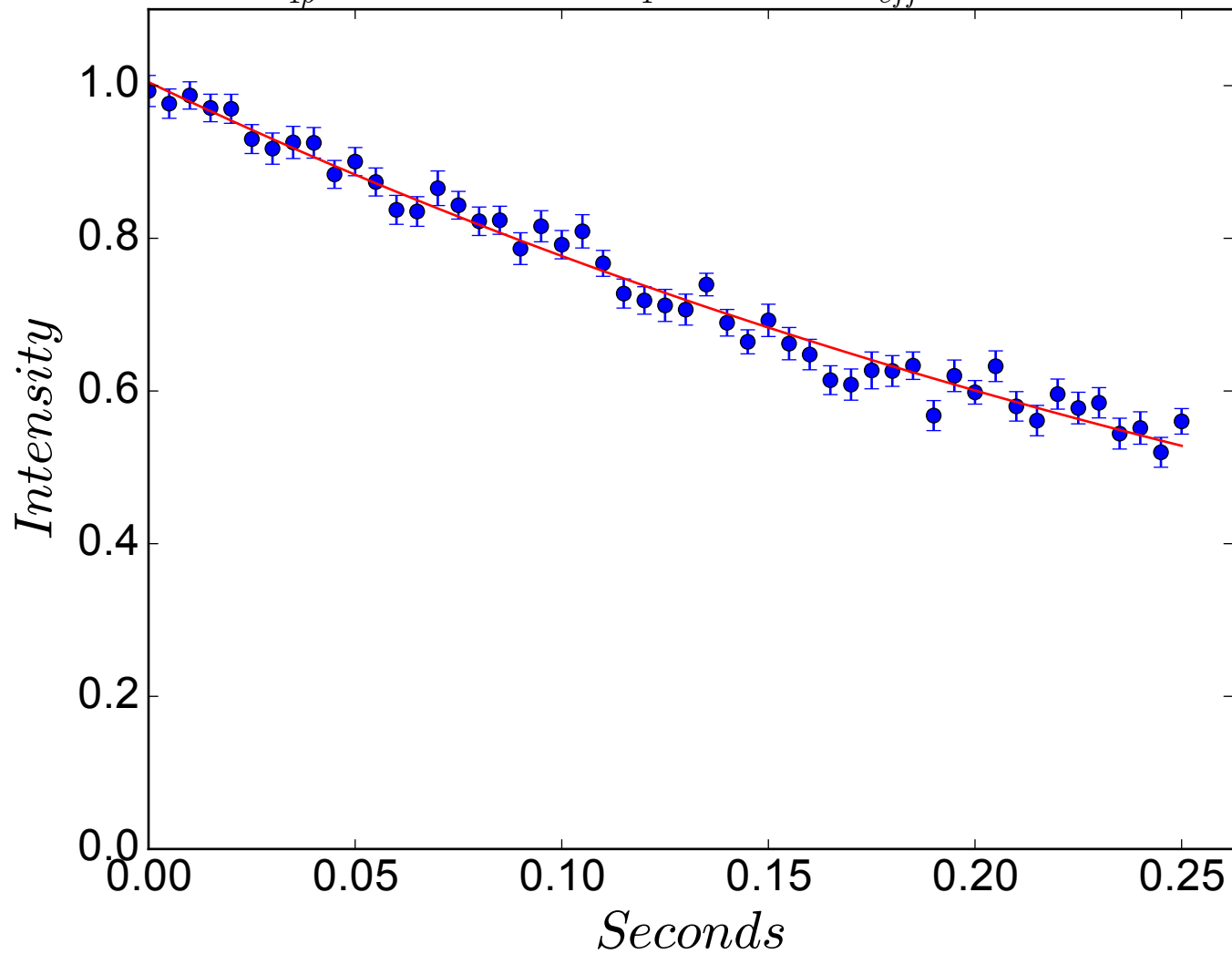
$$R_{1\rho} = 20.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3500 \text{ Hz} \quad \Omega_{eff} = 0 \text{ Hz}$$



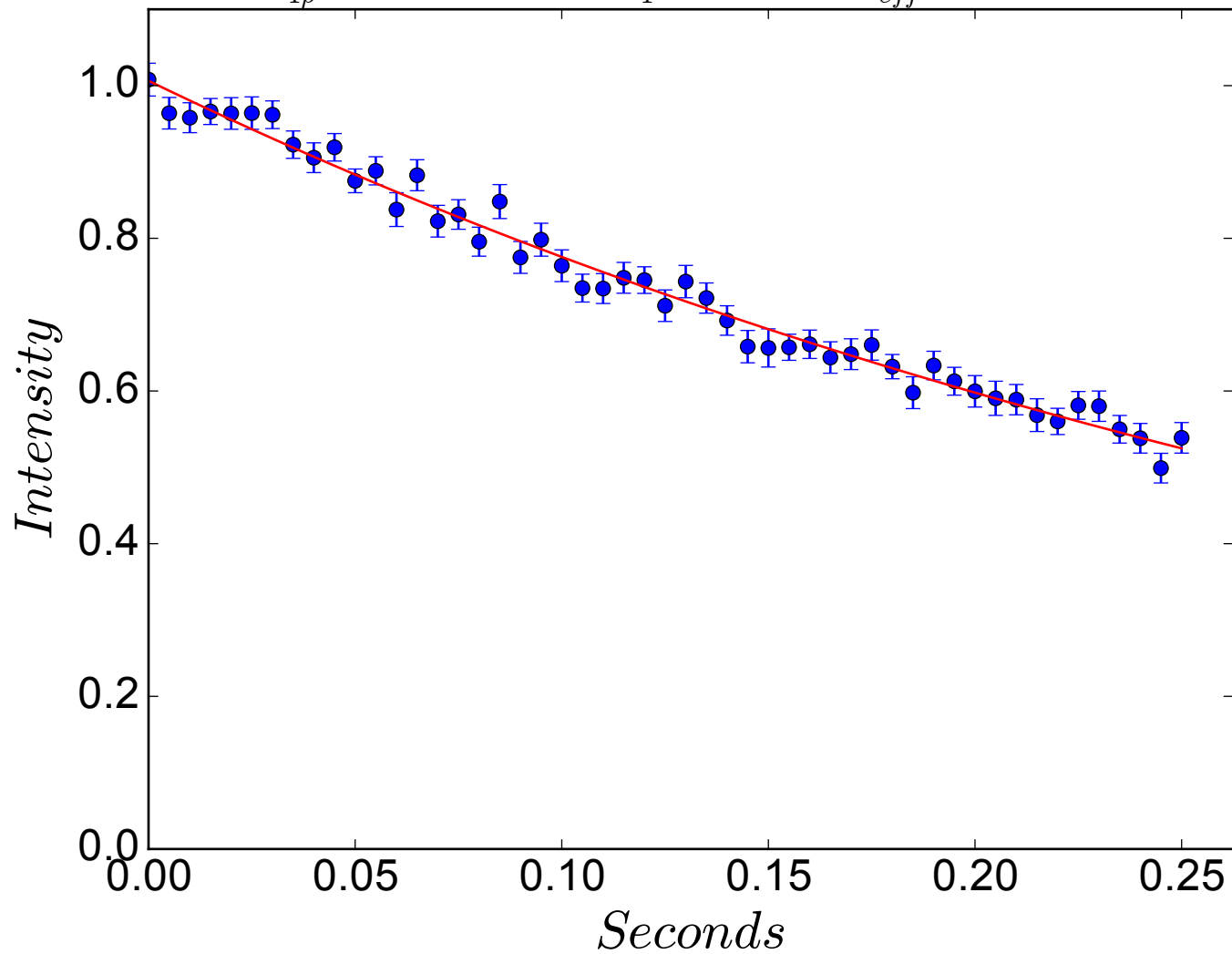
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -1000 \text{ Hz}$$



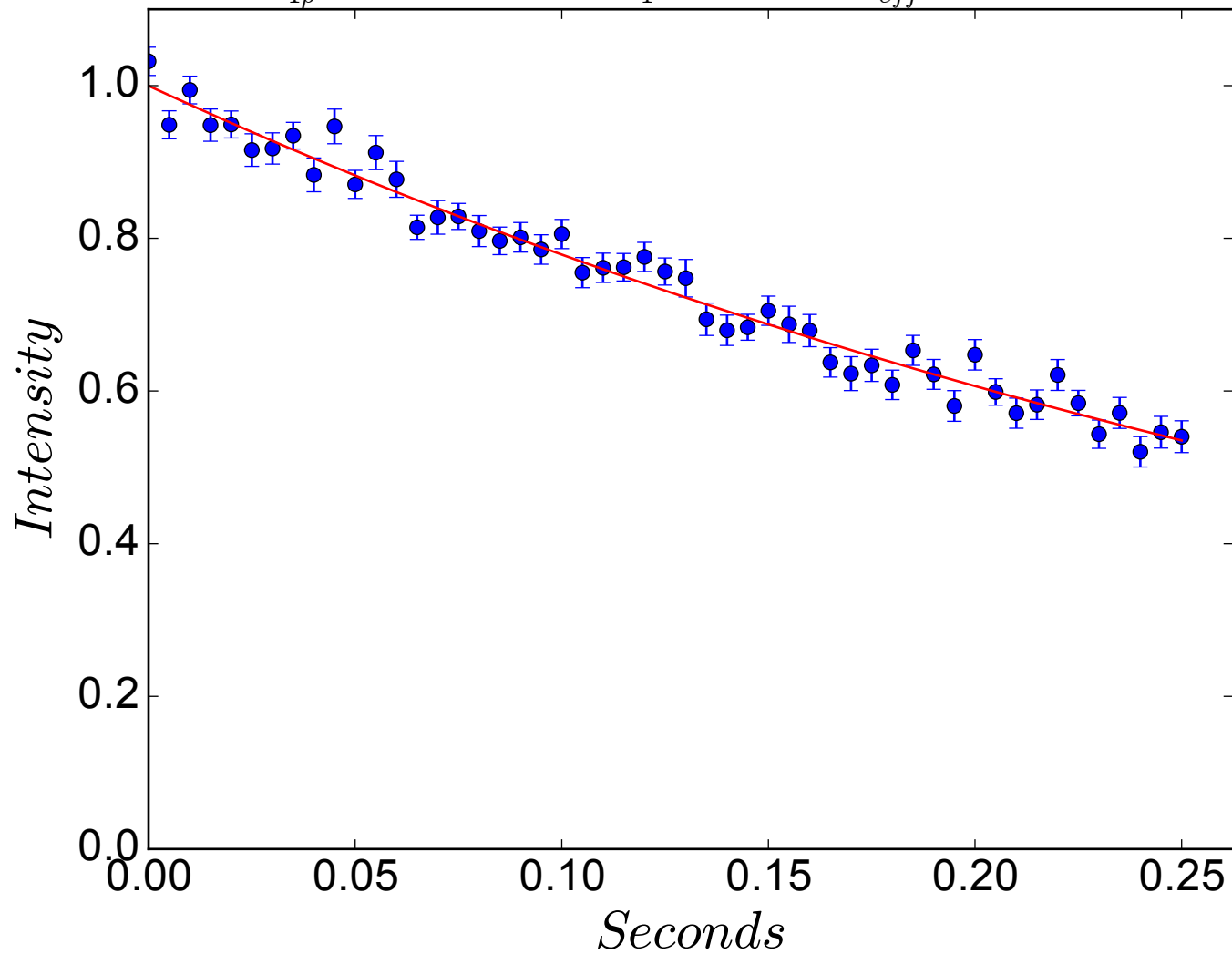
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -990 \text{ Hz}$$



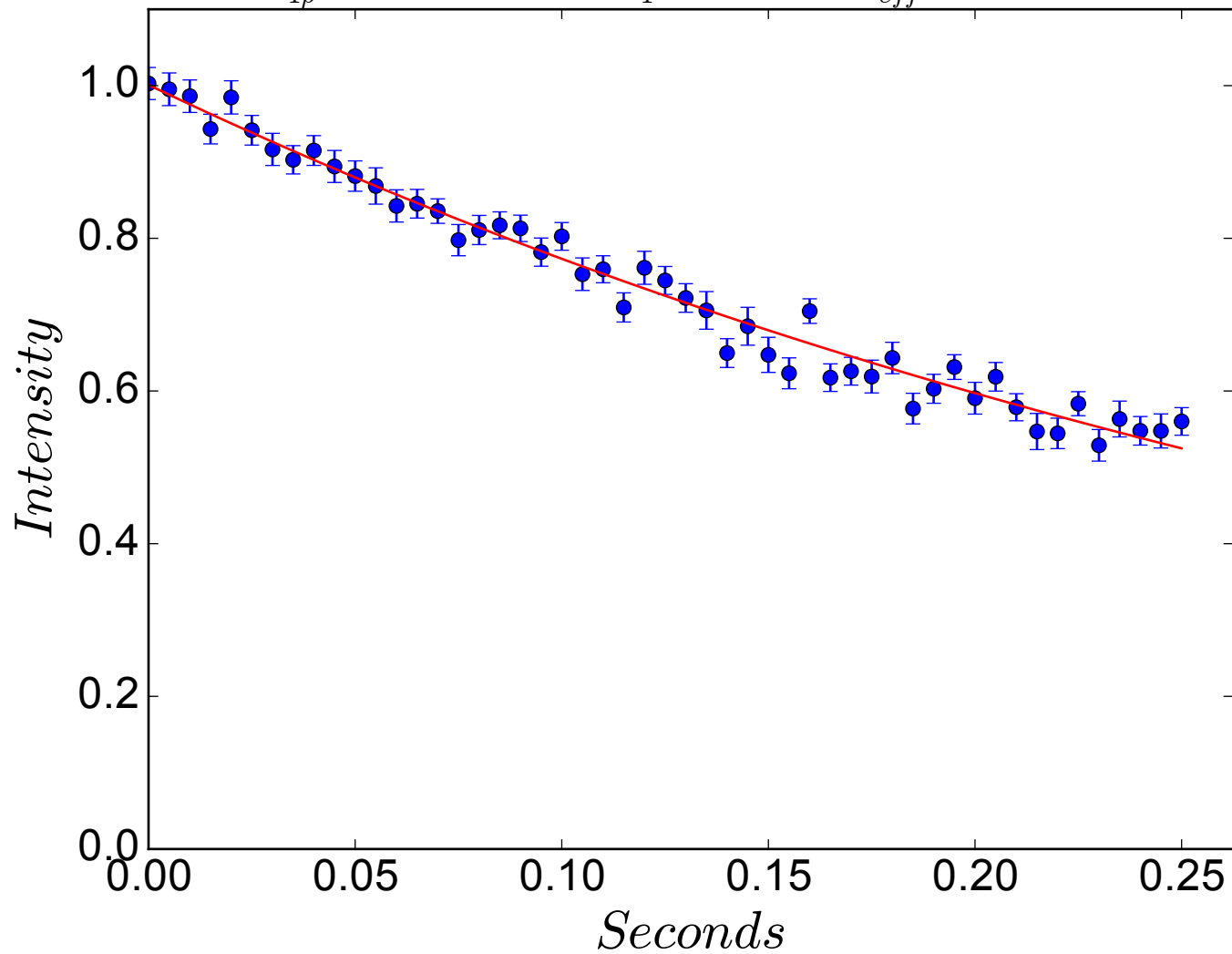
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -980 \text{ Hz}$$



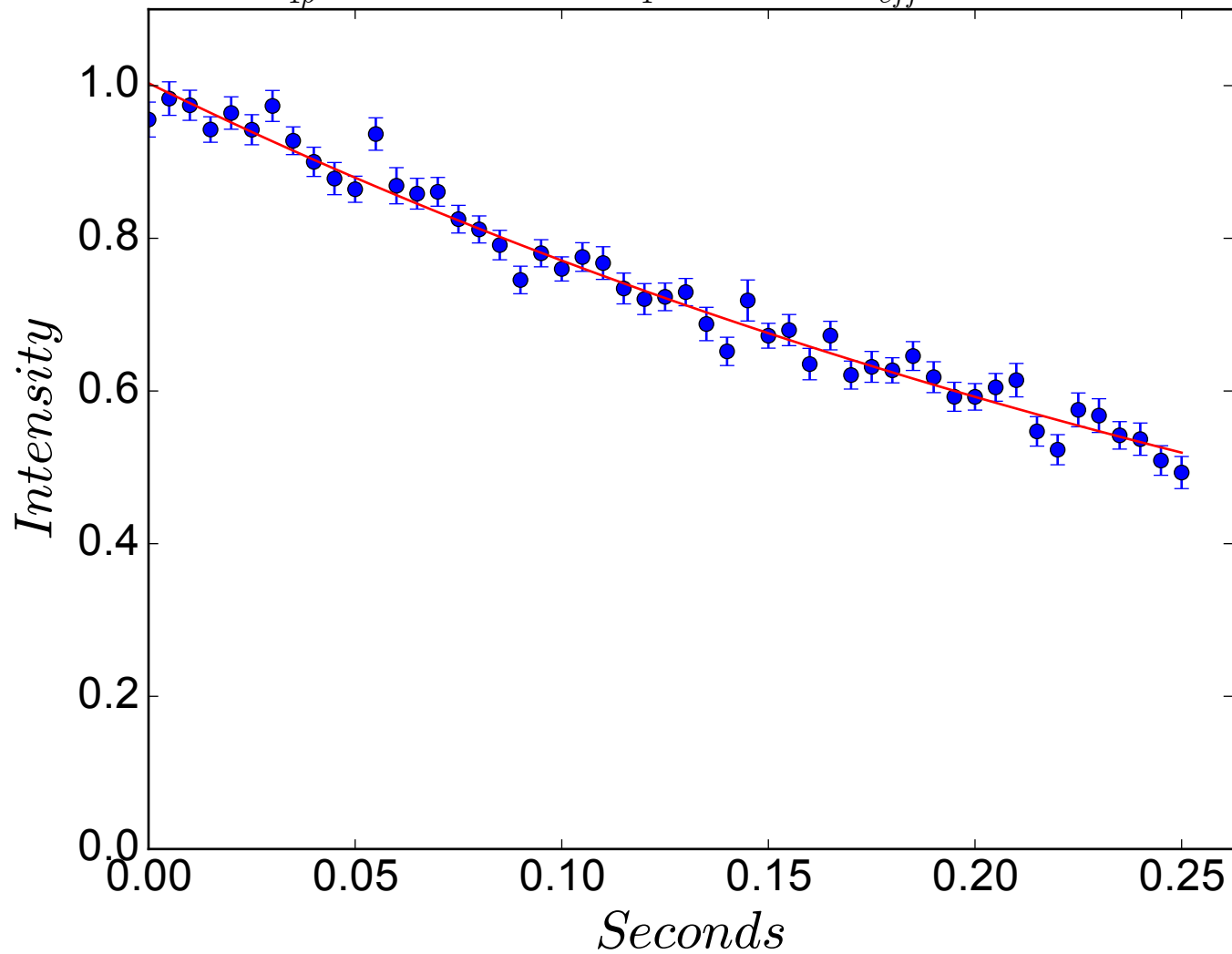
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -970 \text{ Hz}$$



$$R_{1\rho} = 2.6 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -960 \text{ Hz}$$

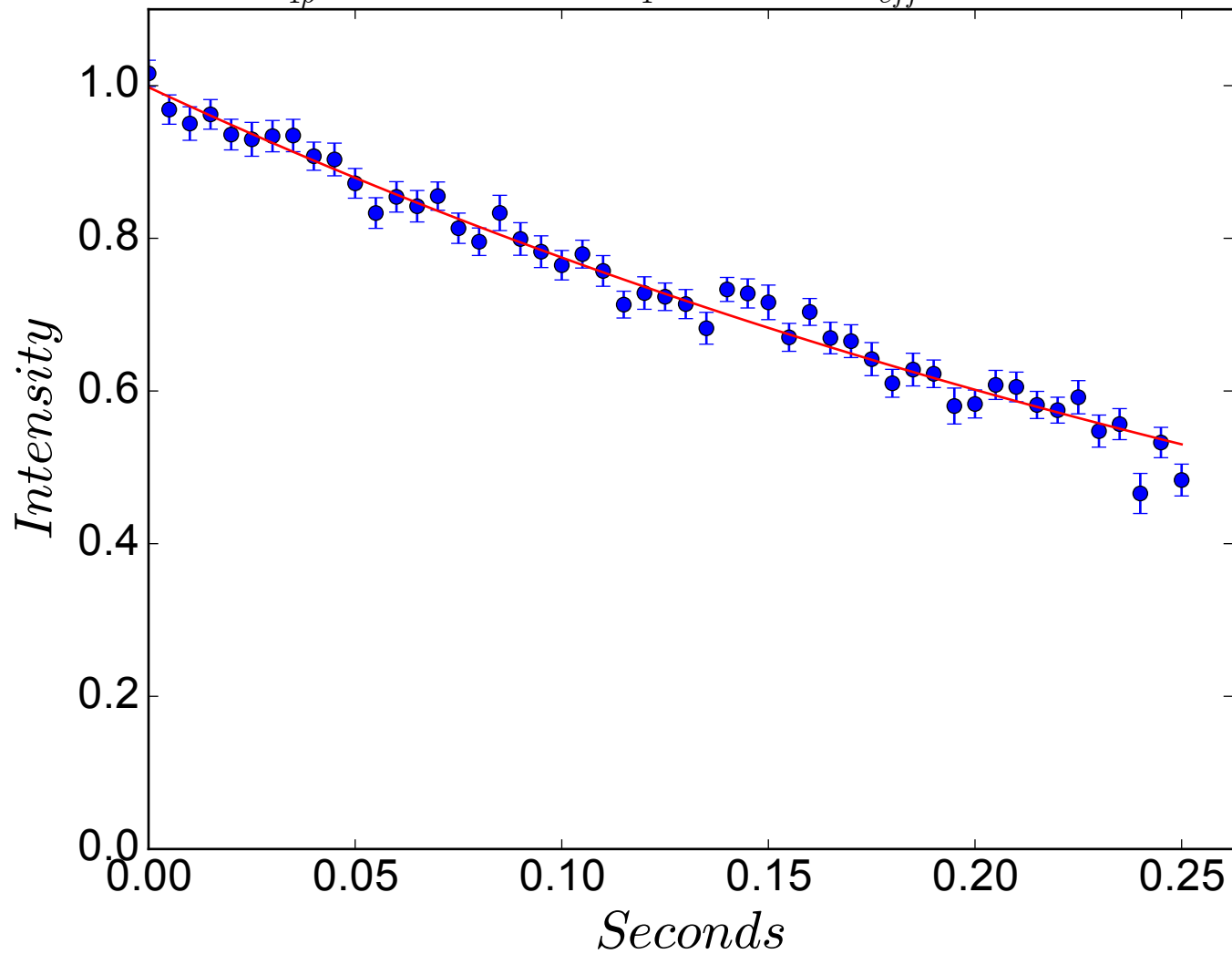


$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -950 \text{ Hz}$$

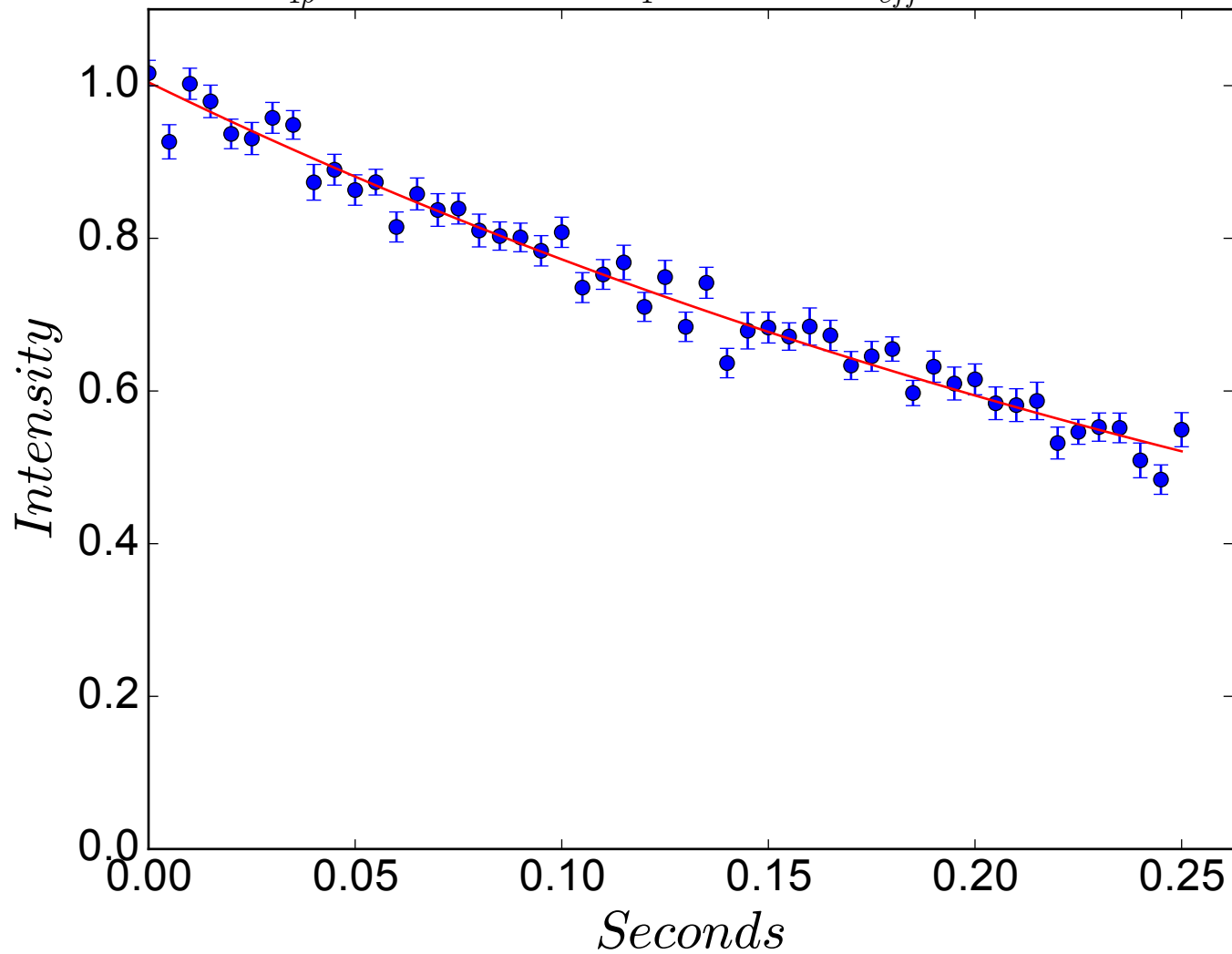




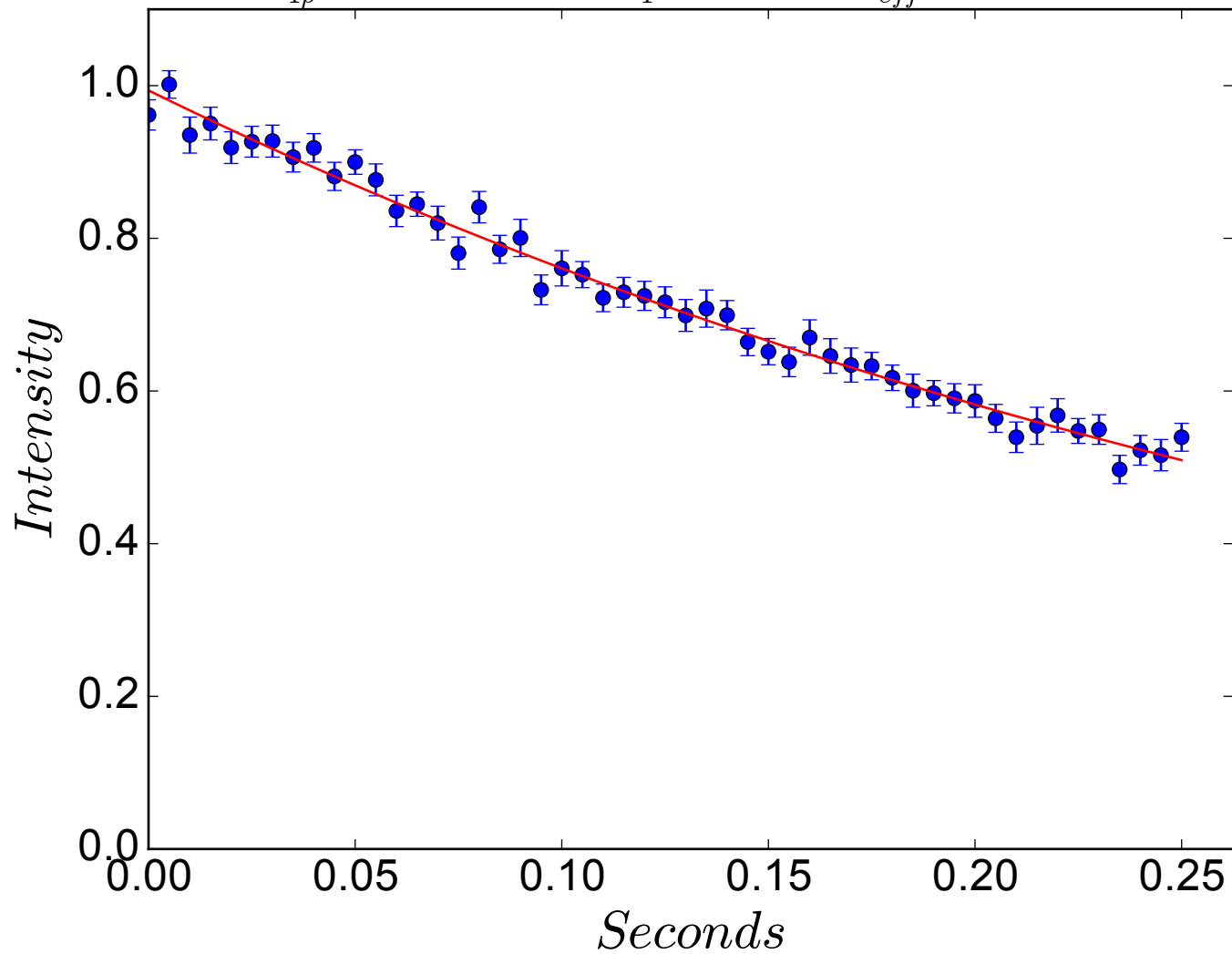
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -940 \text{ Hz}$$



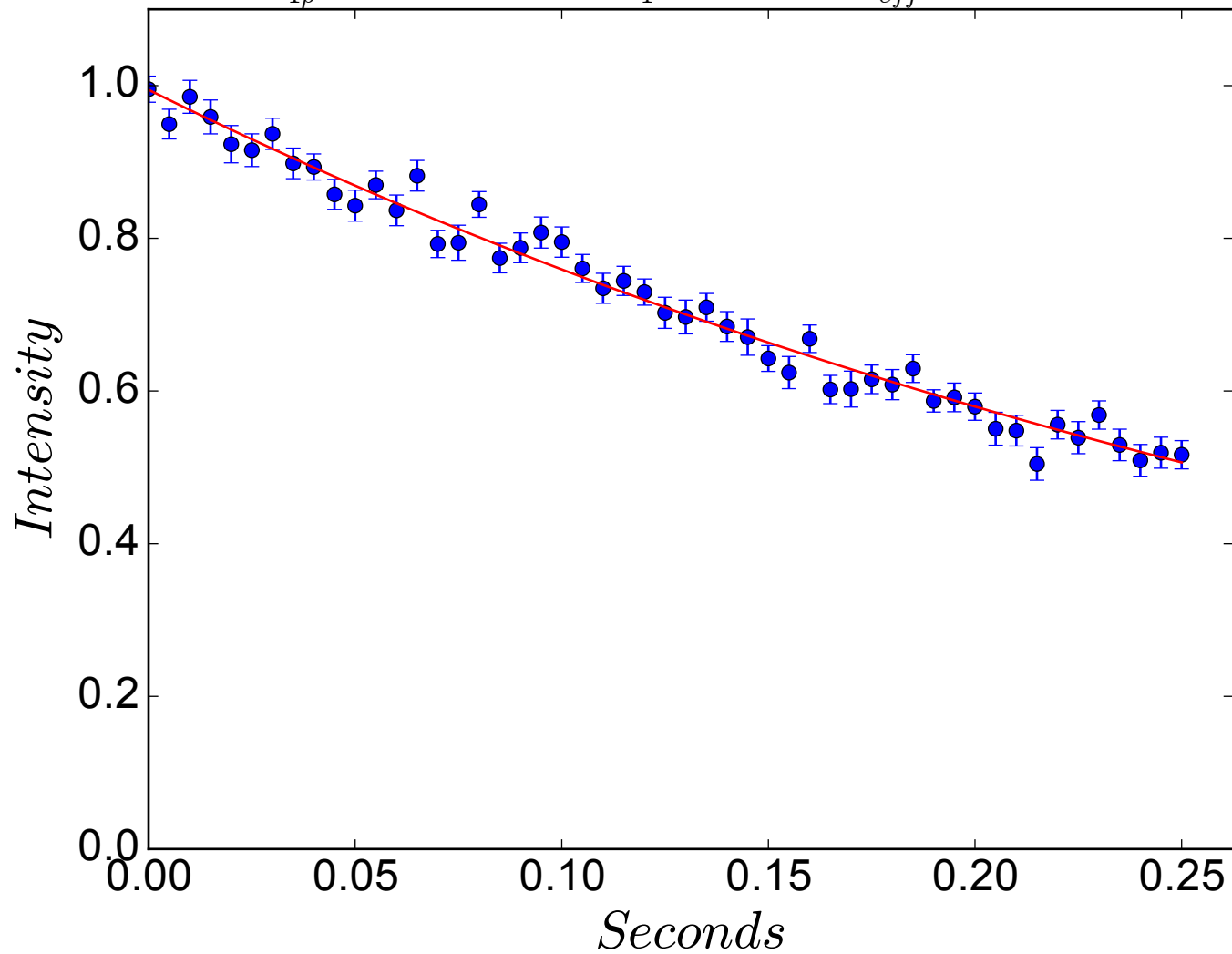
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -930 \text{ Hz}$$



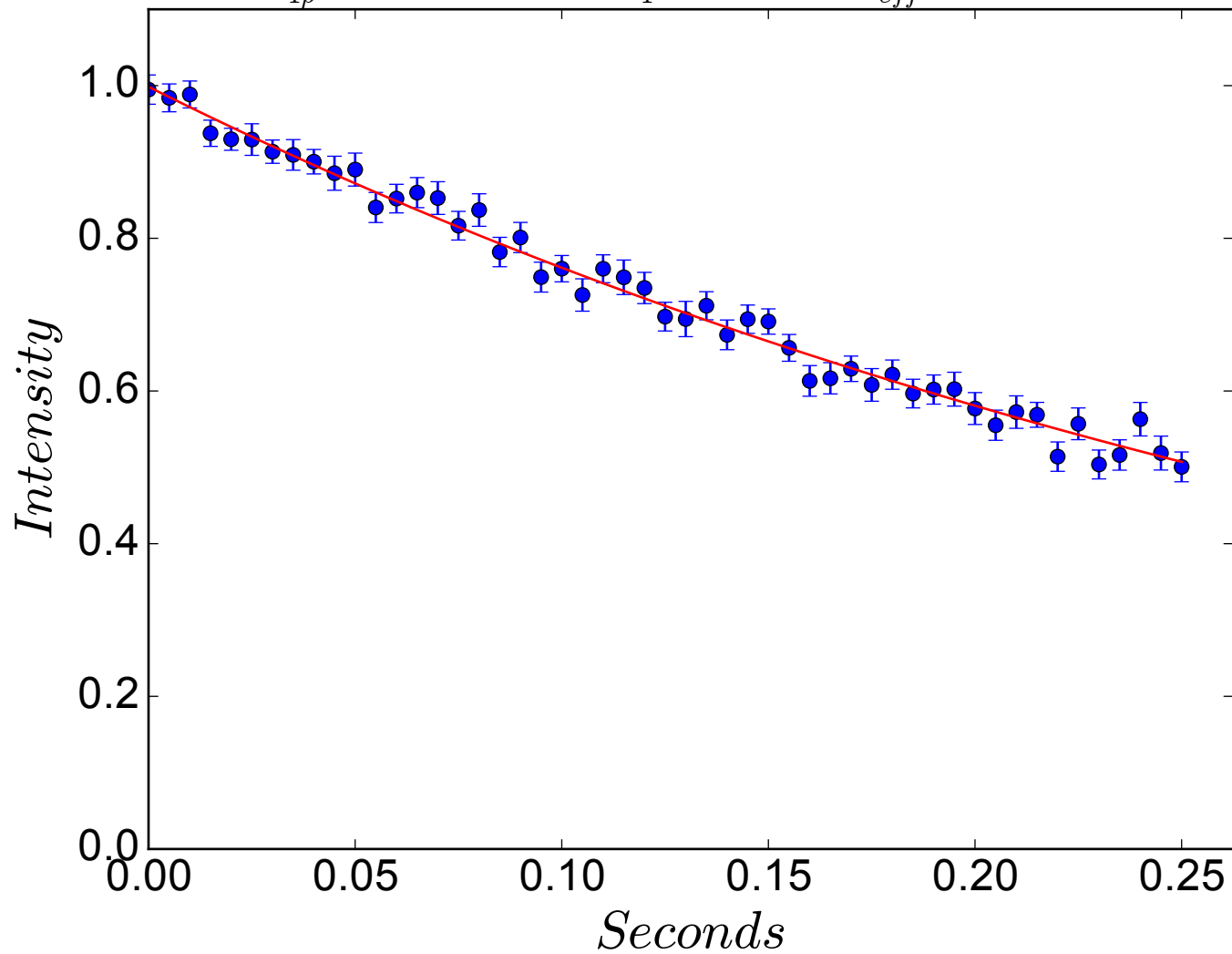
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -920 \text{ Hz}$$



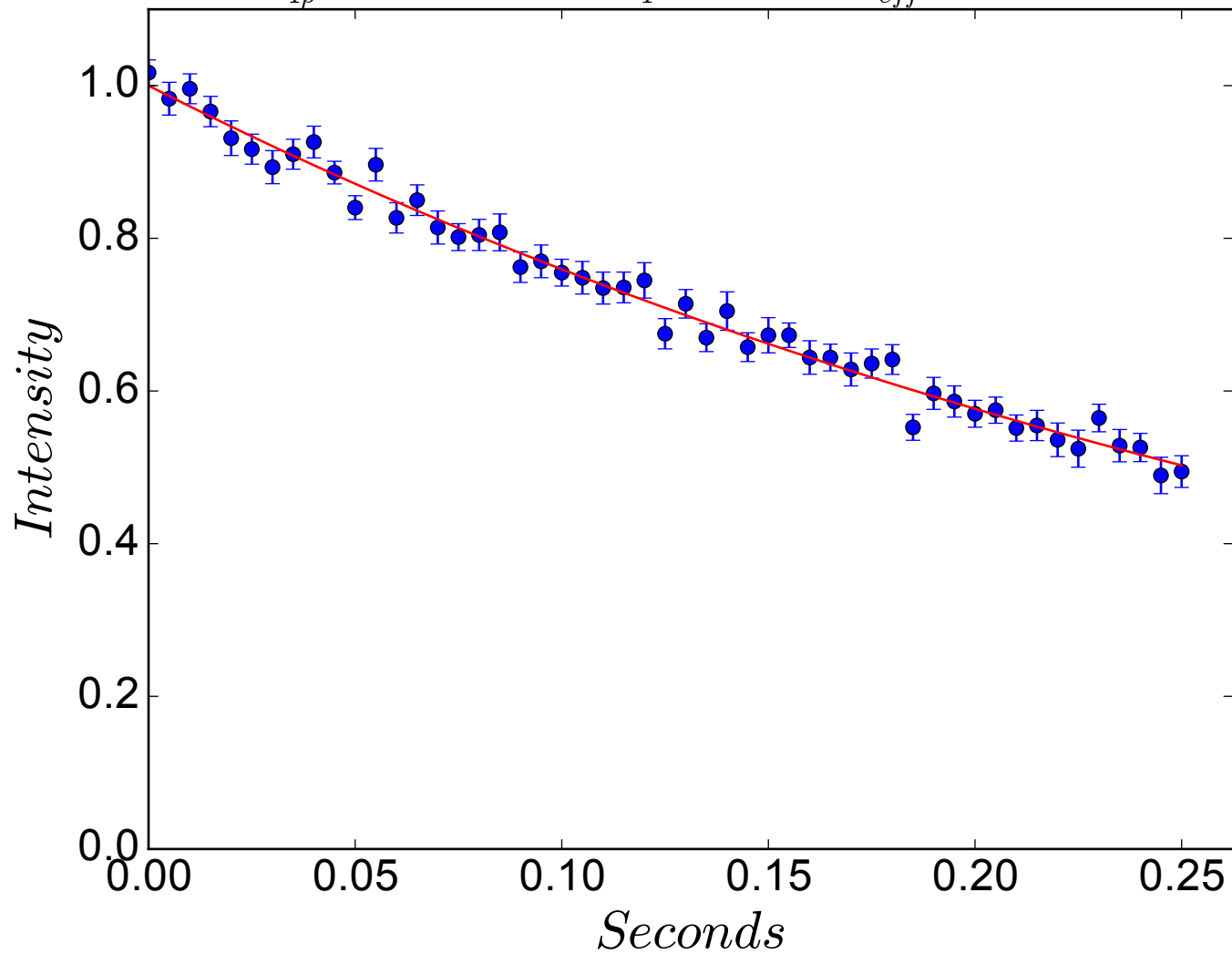
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -910 \text{ Hz}$$



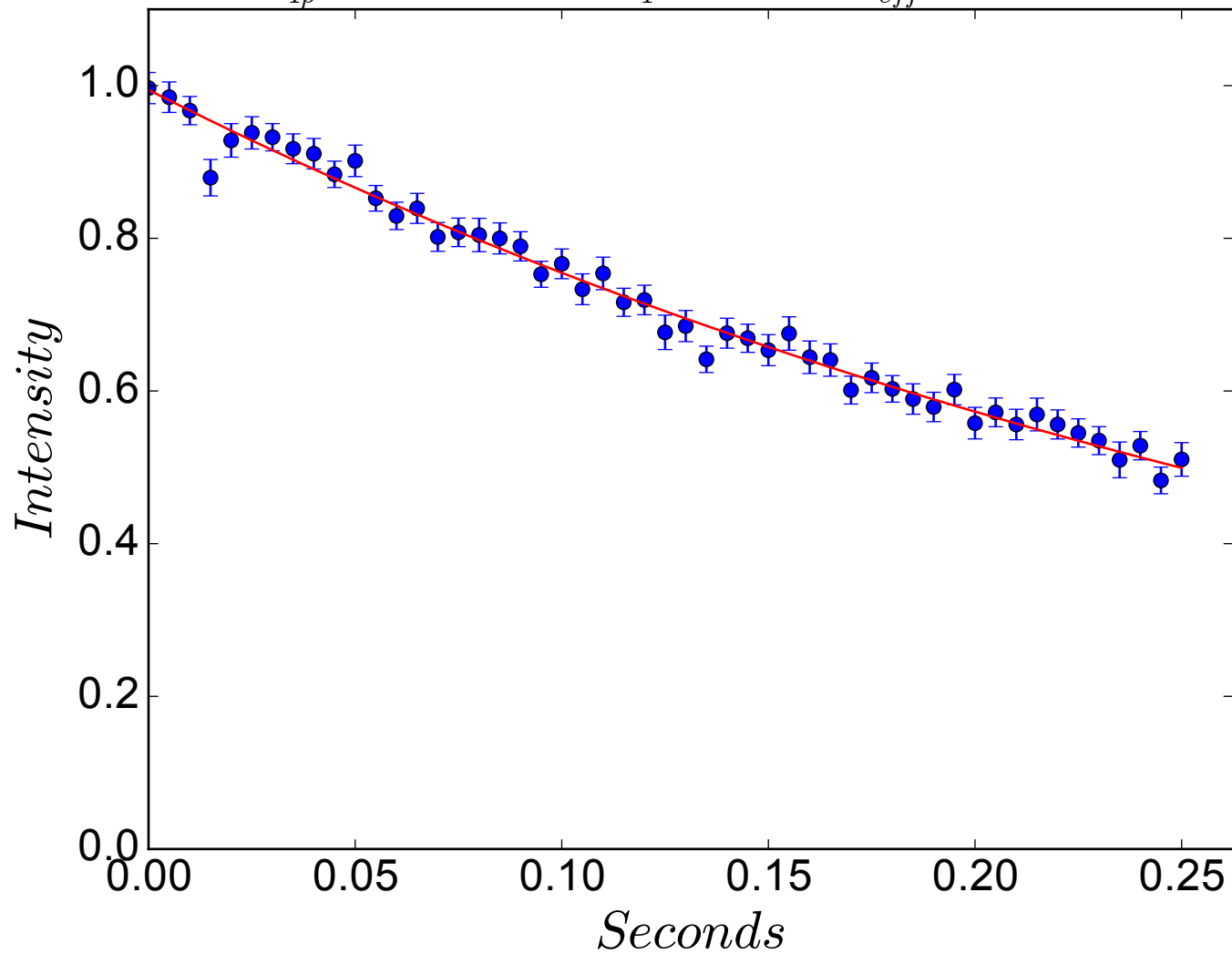
$$R_{1\rho} = 2.7 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -899 \text{ Hz}$$



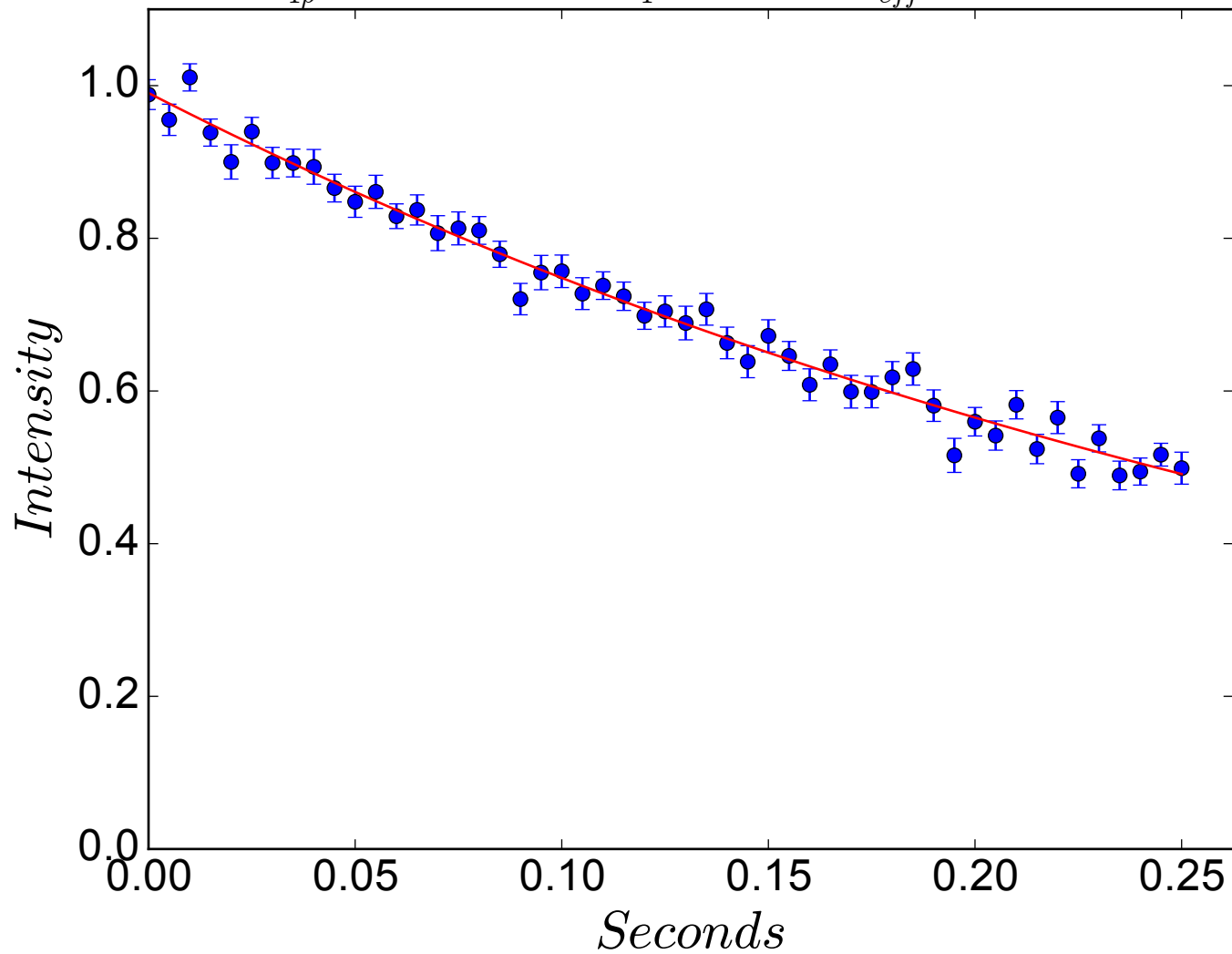
$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -889 \text{ Hz}$$



$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -879 \text{ Hz}$$

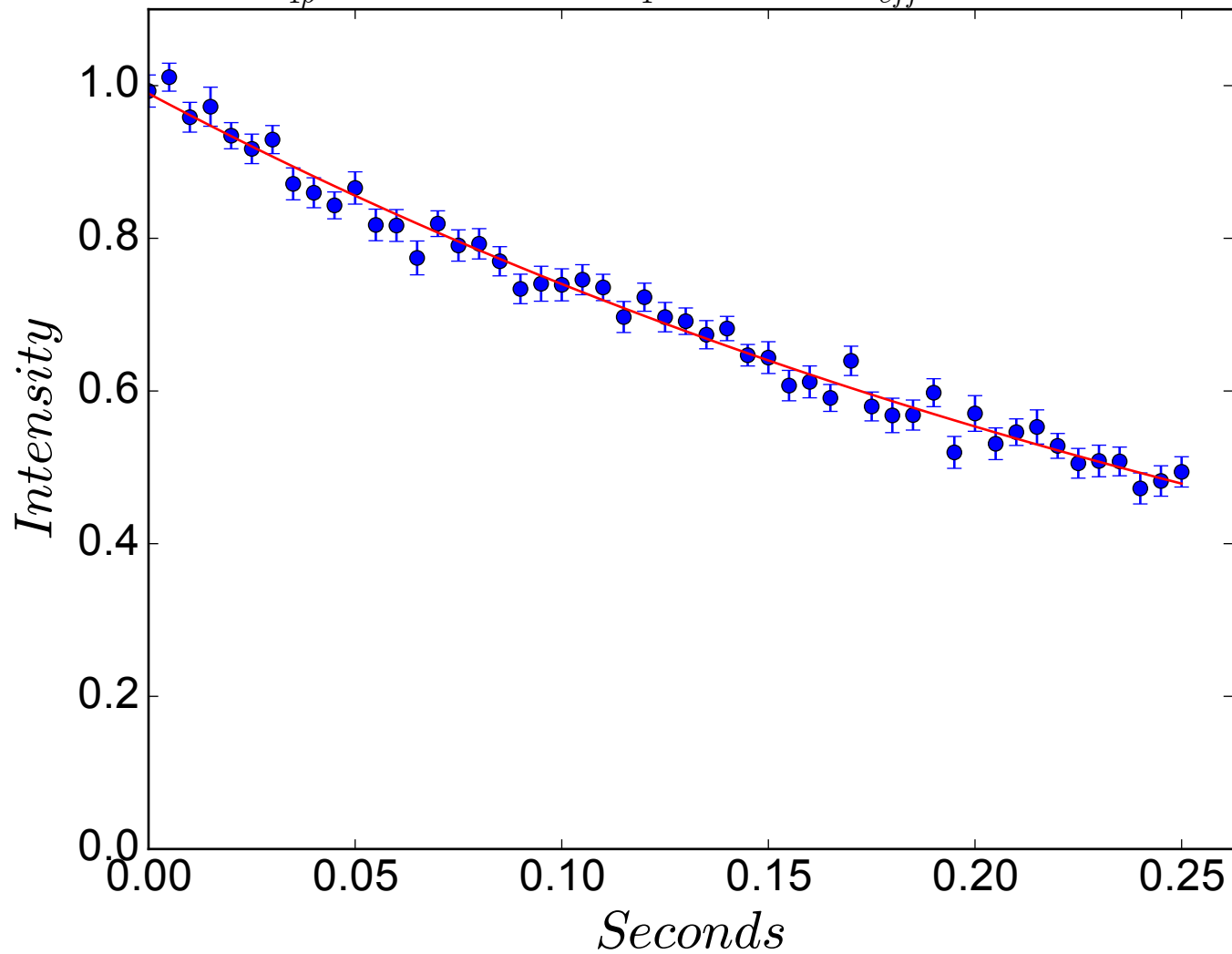


$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -869 \text{ Hz}$$

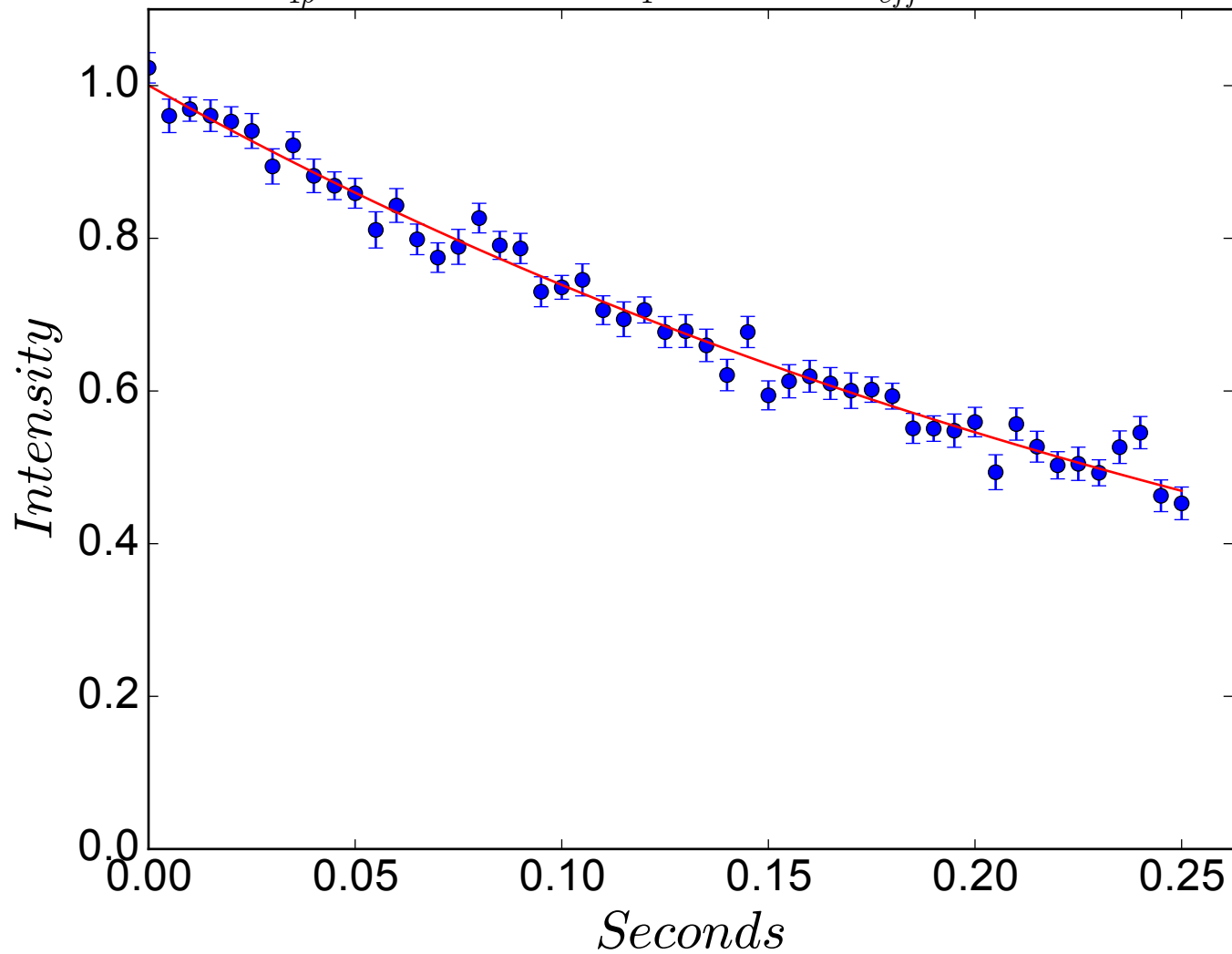




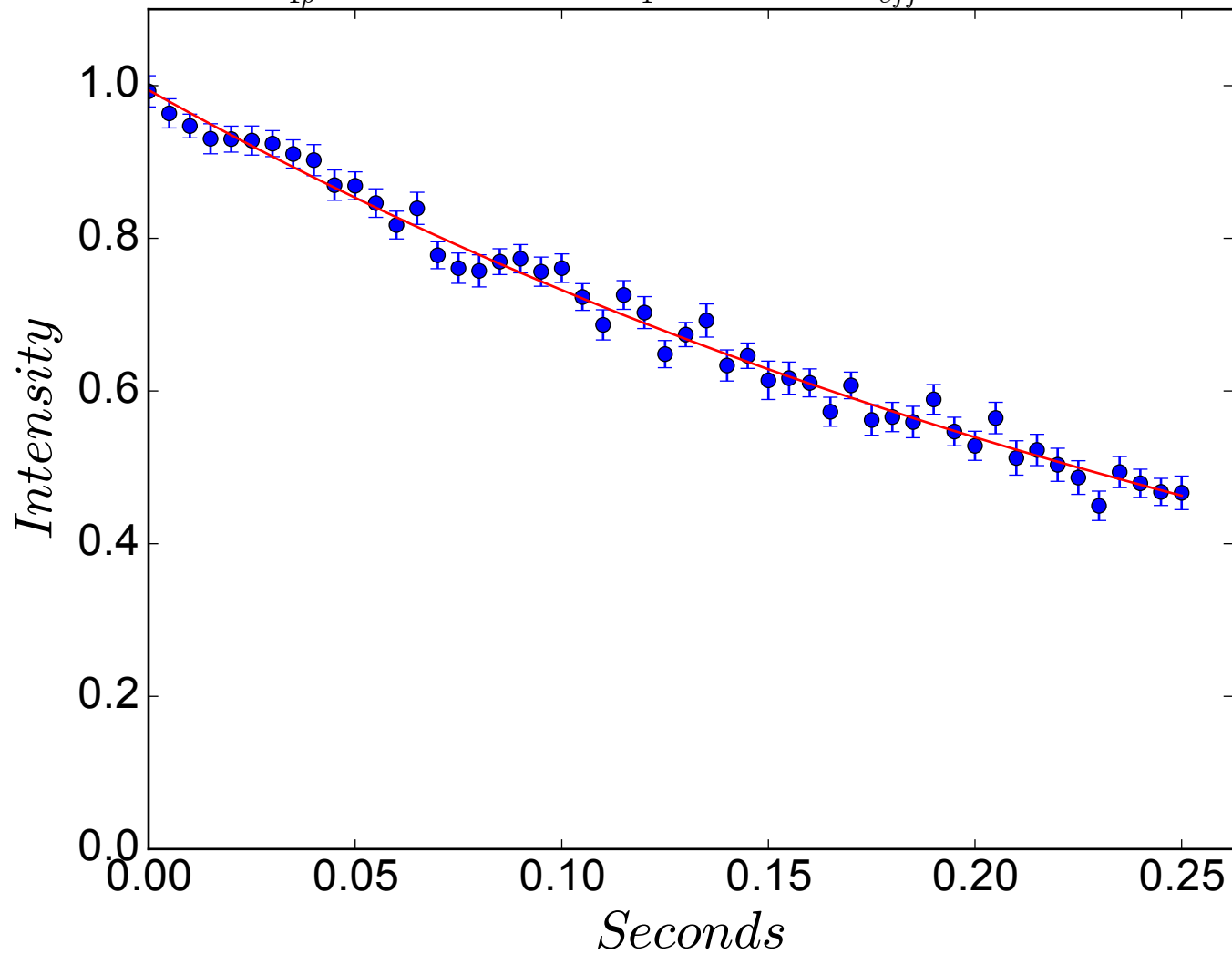
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -859 \text{ Hz}$$



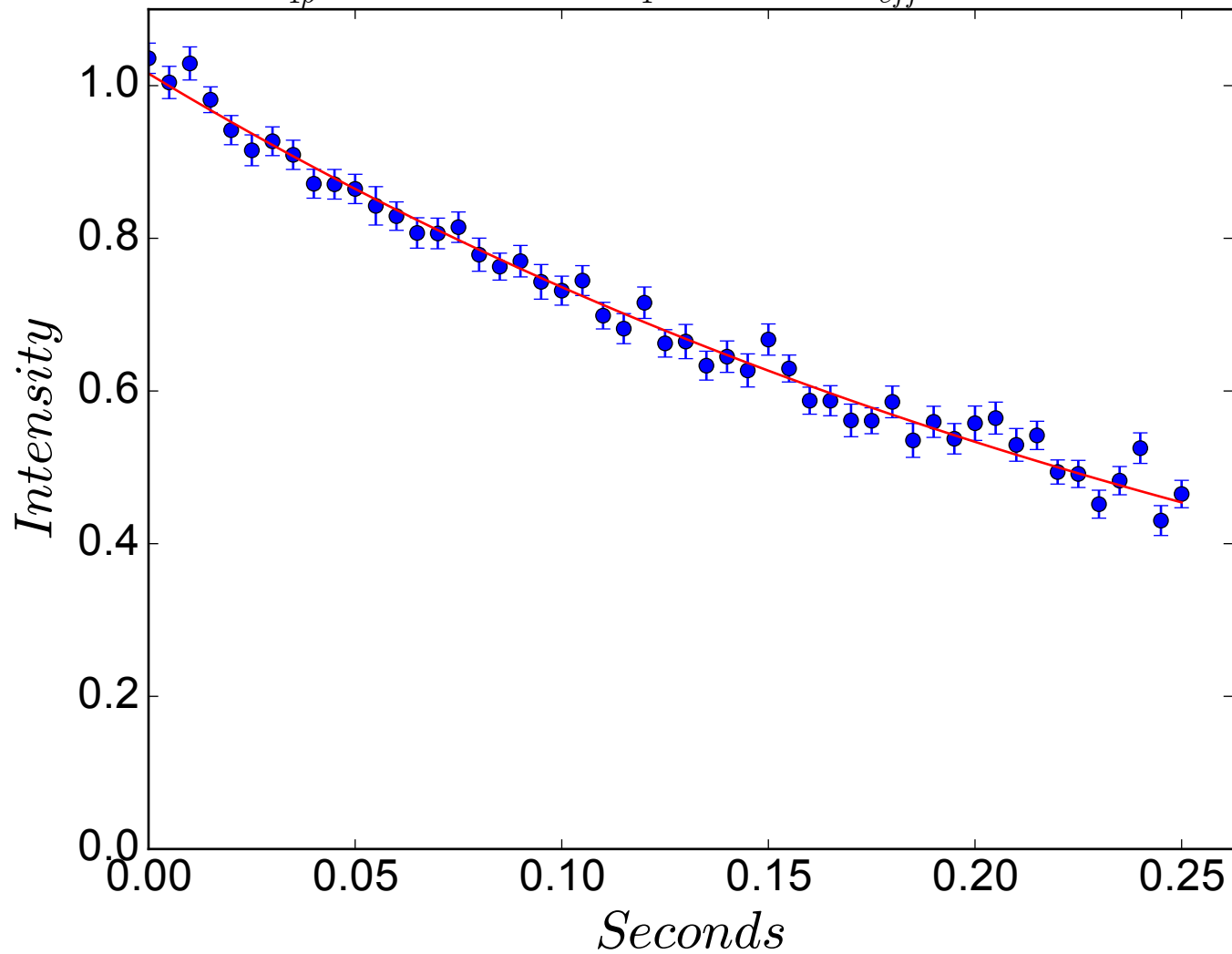
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -849 \text{ Hz}$$



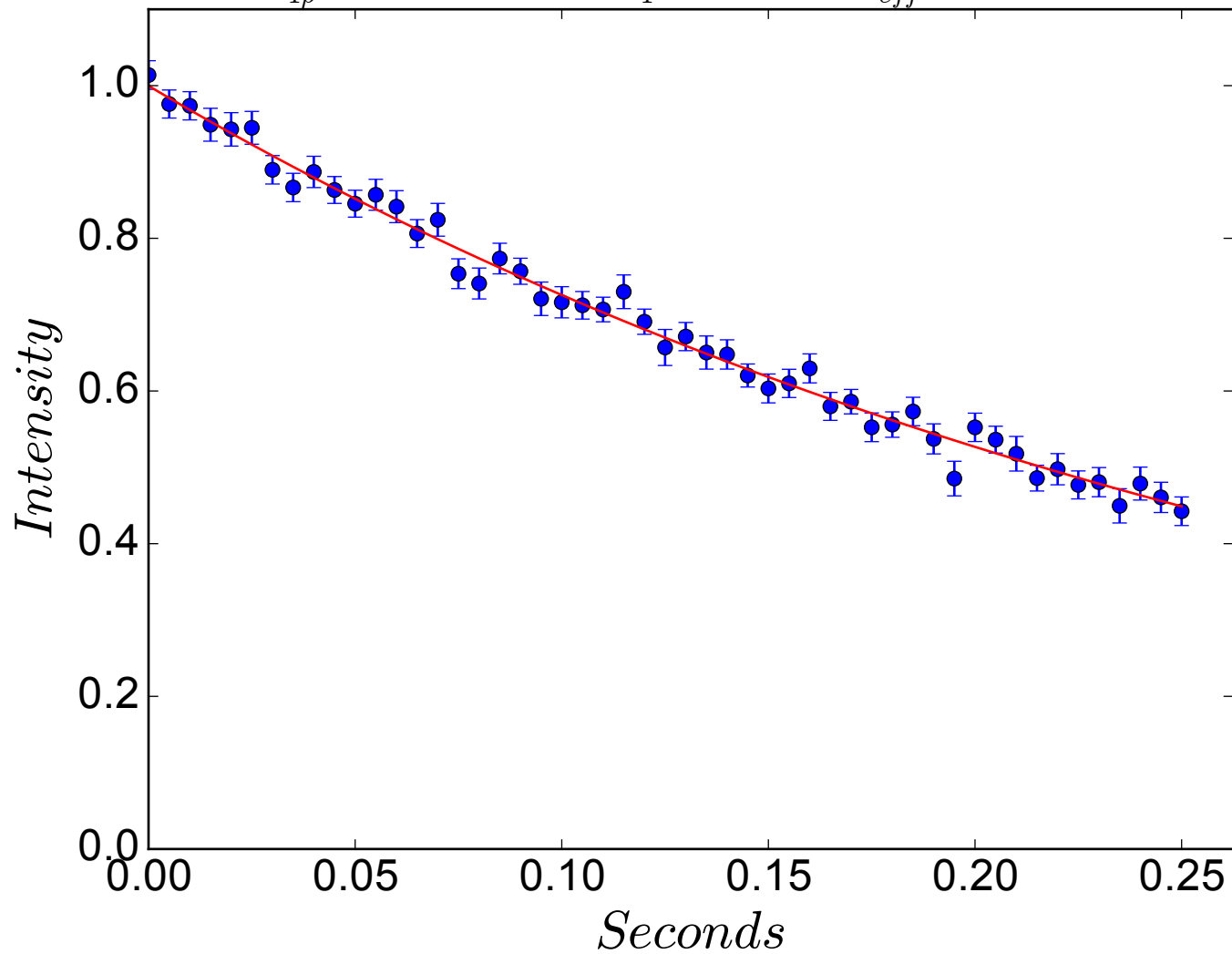
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -839 \text{ Hz}$$



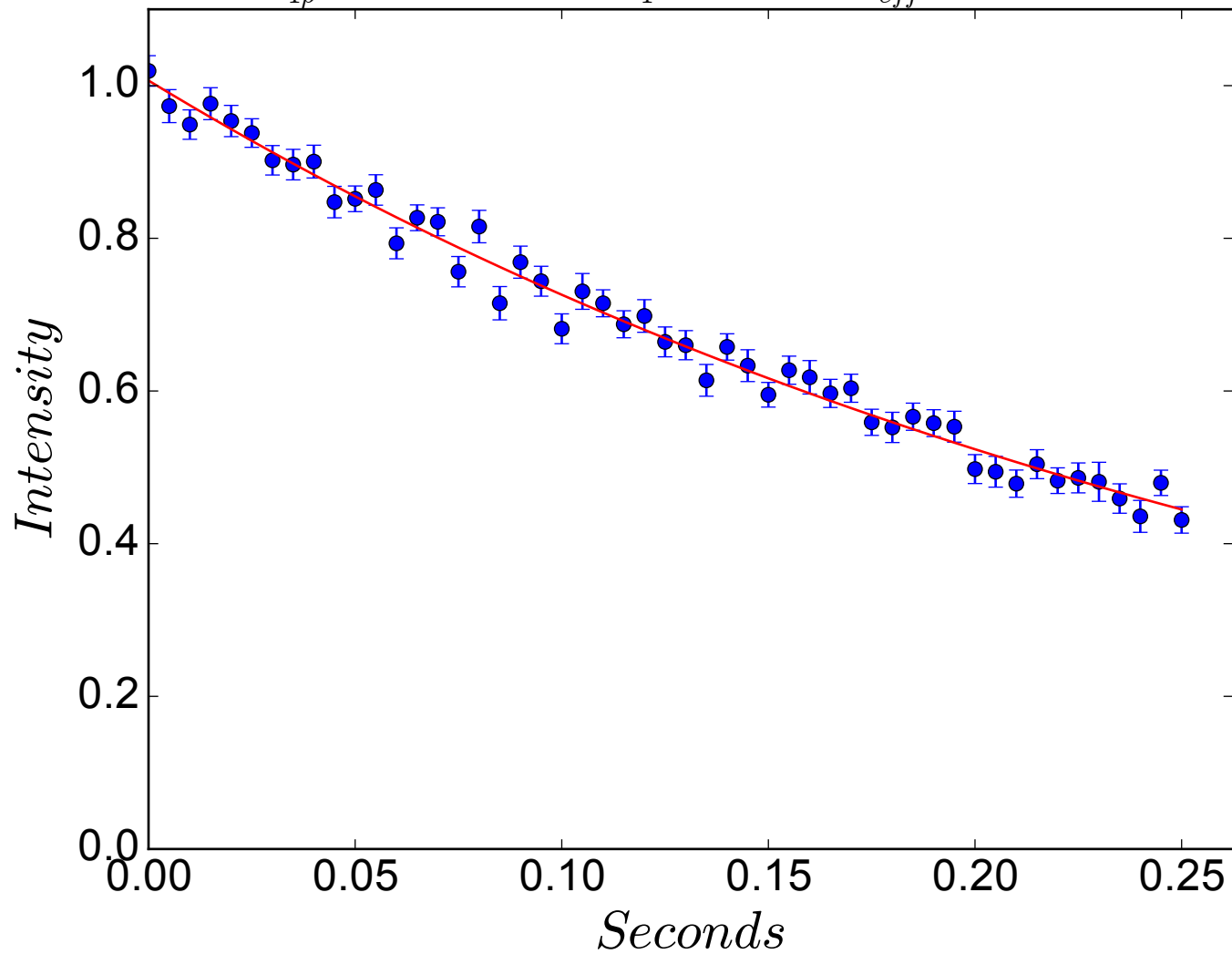
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -829 \text{ Hz}$$



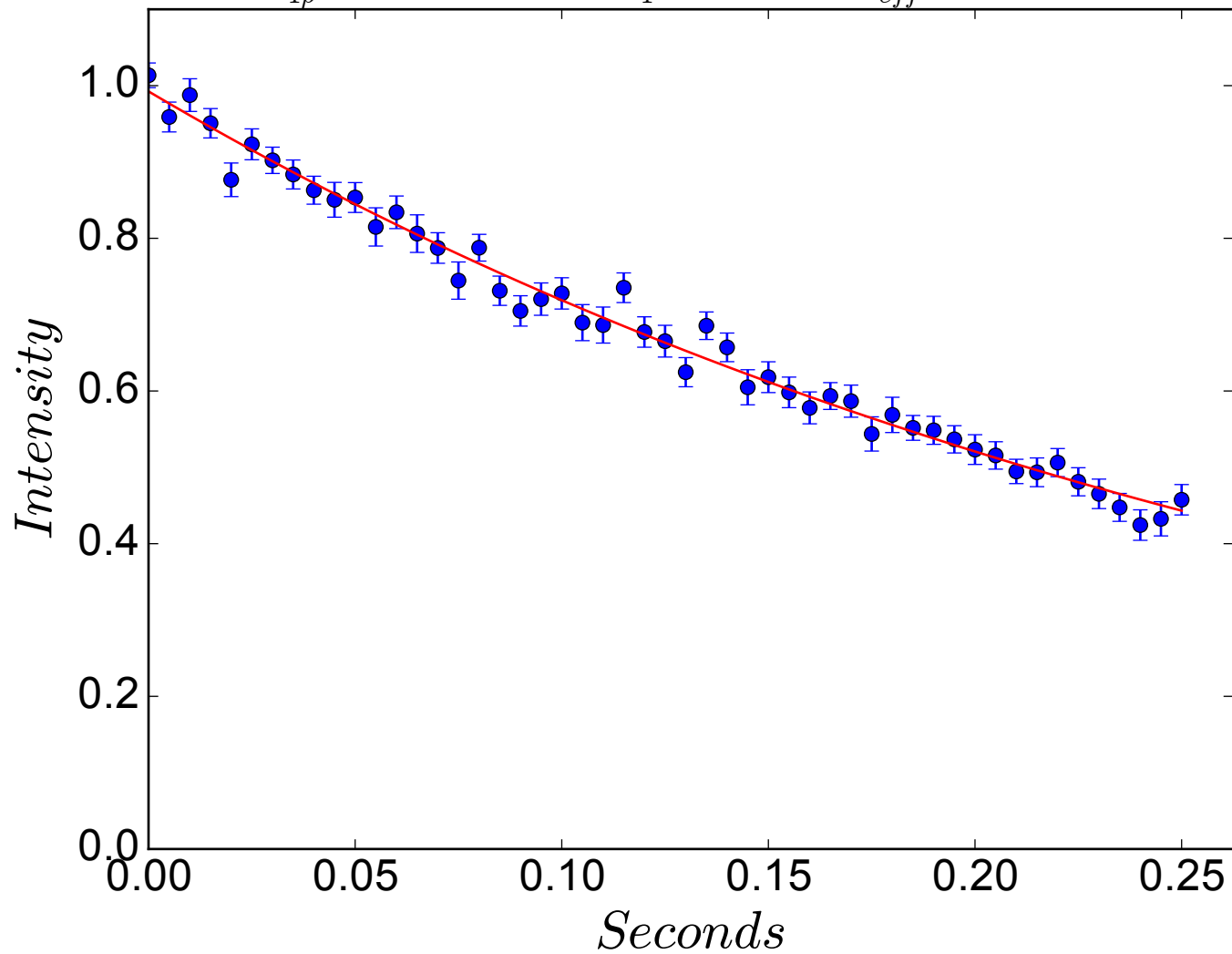
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -819 \text{ Hz}$$



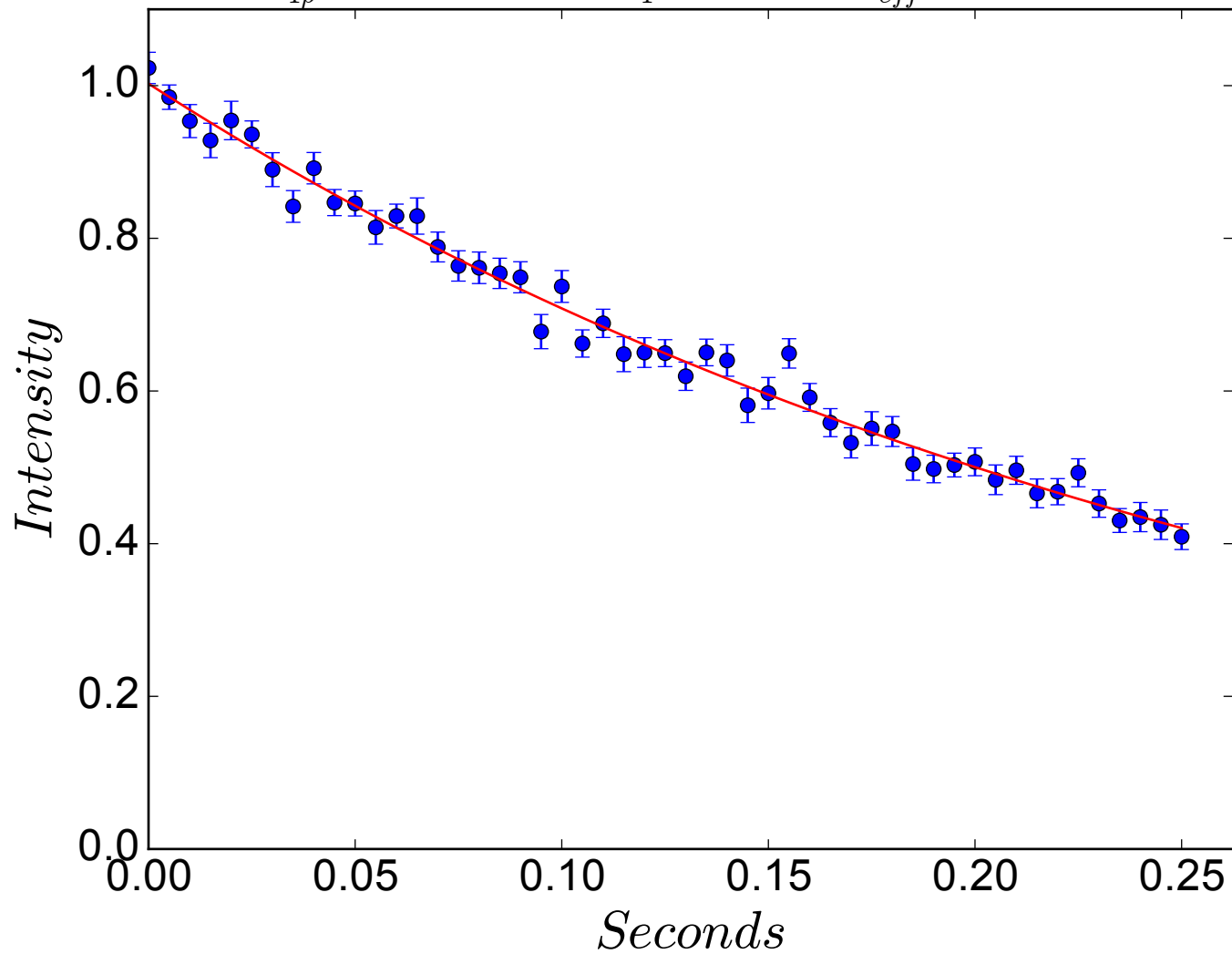
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -809 \text{ Hz}$$



$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -799 \text{ Hz}$$

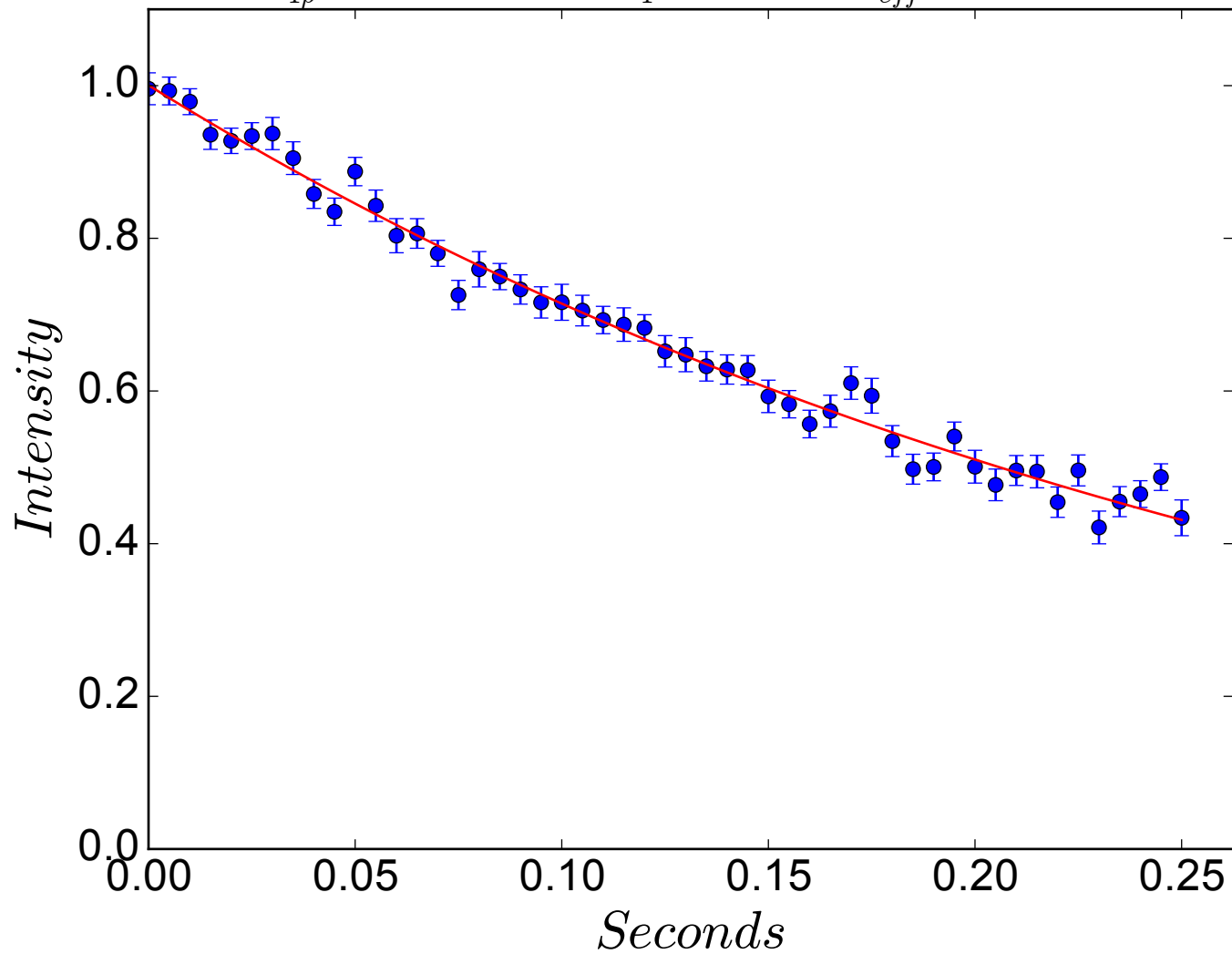


$$R_{1\rho} = 3.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -789 \text{ Hz}$$

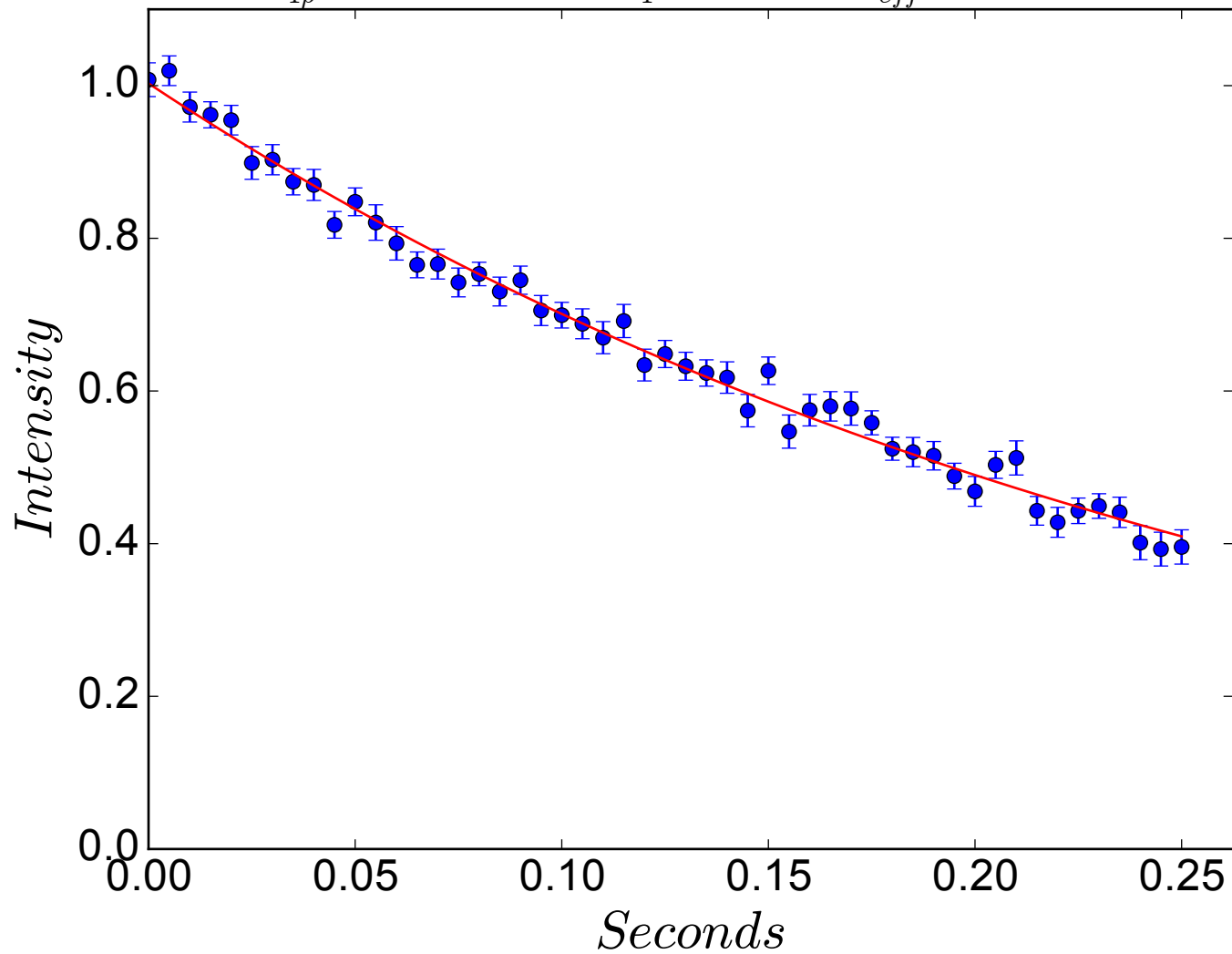




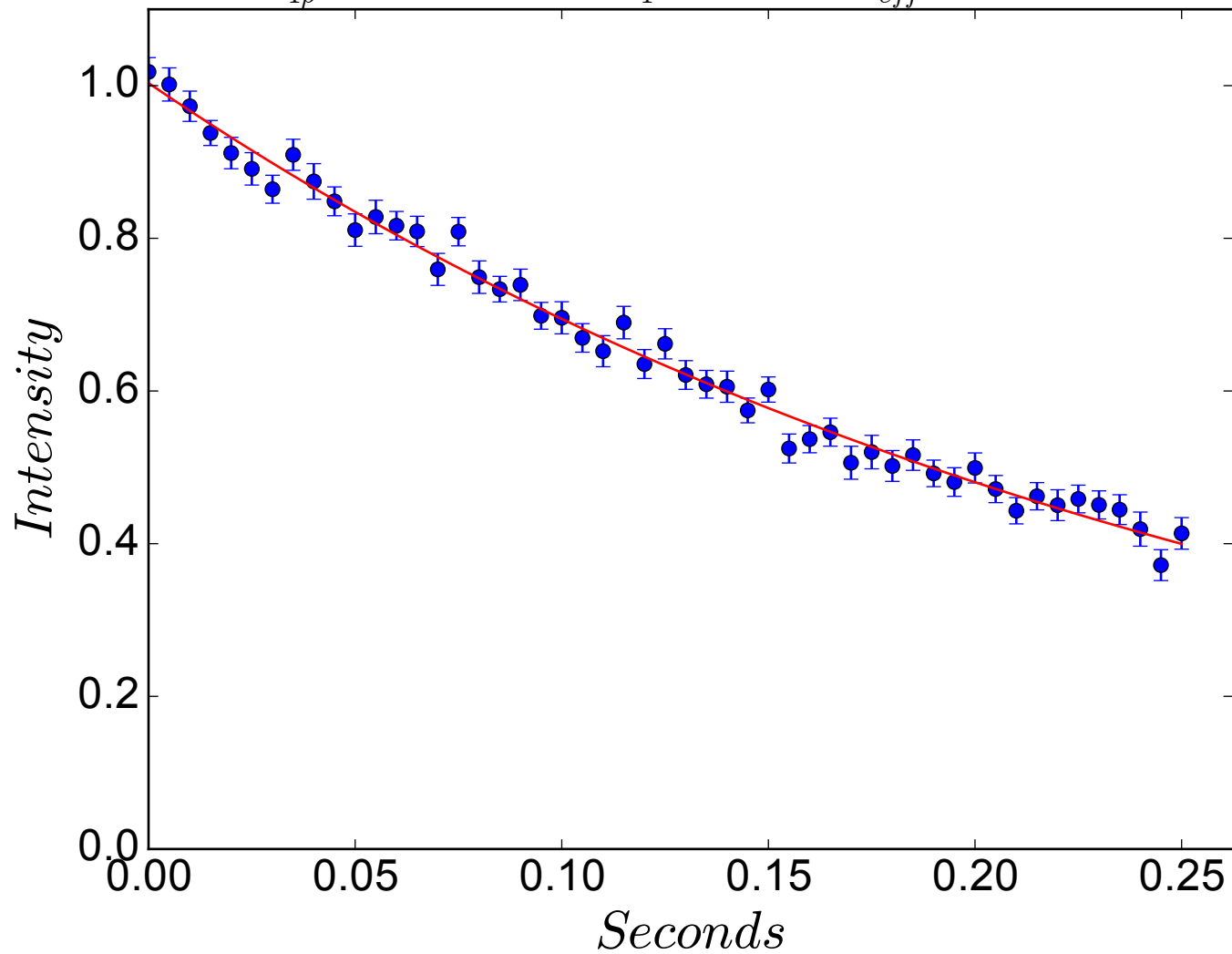
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -779 \text{ Hz}$$



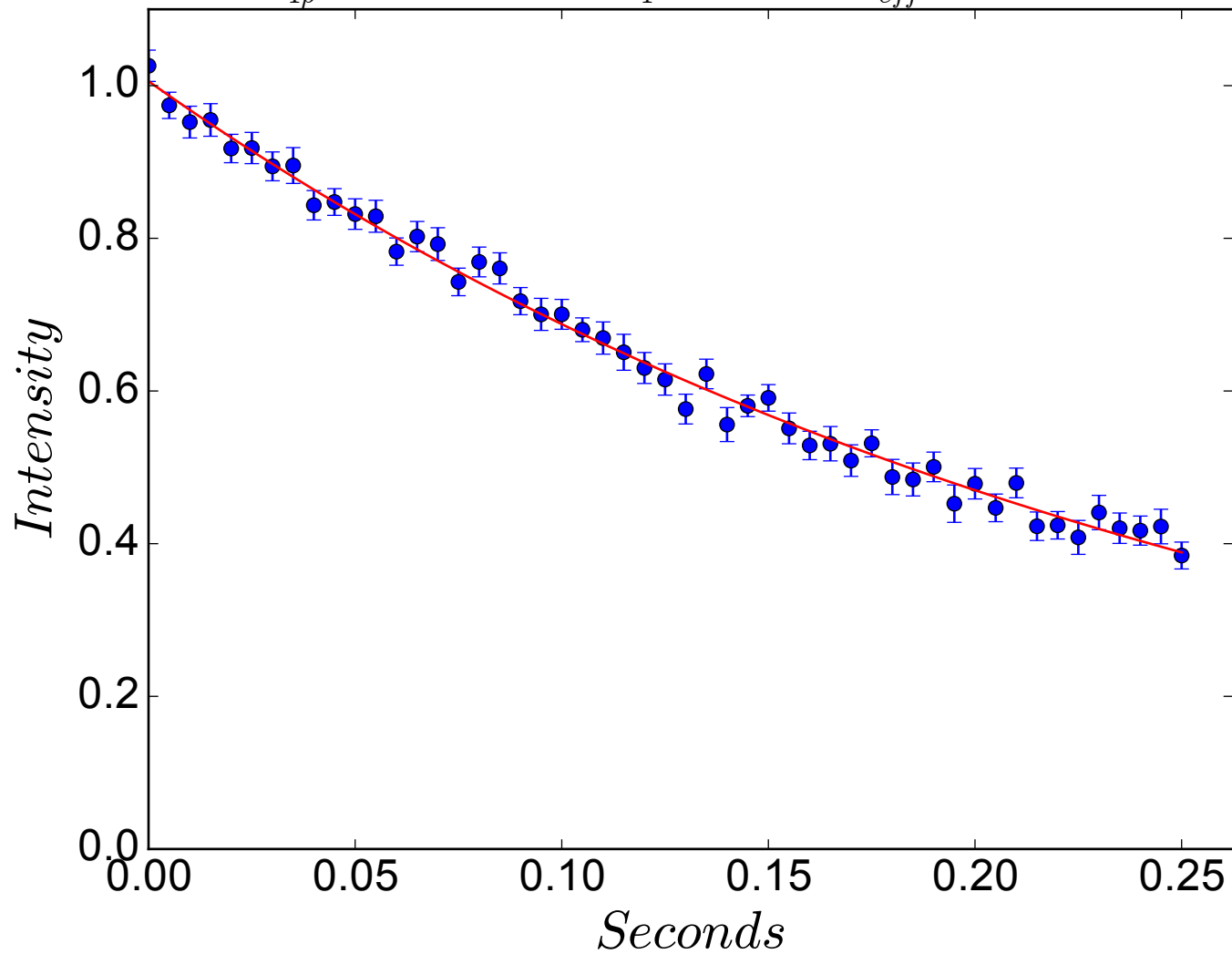
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -769 \text{ Hz}$$



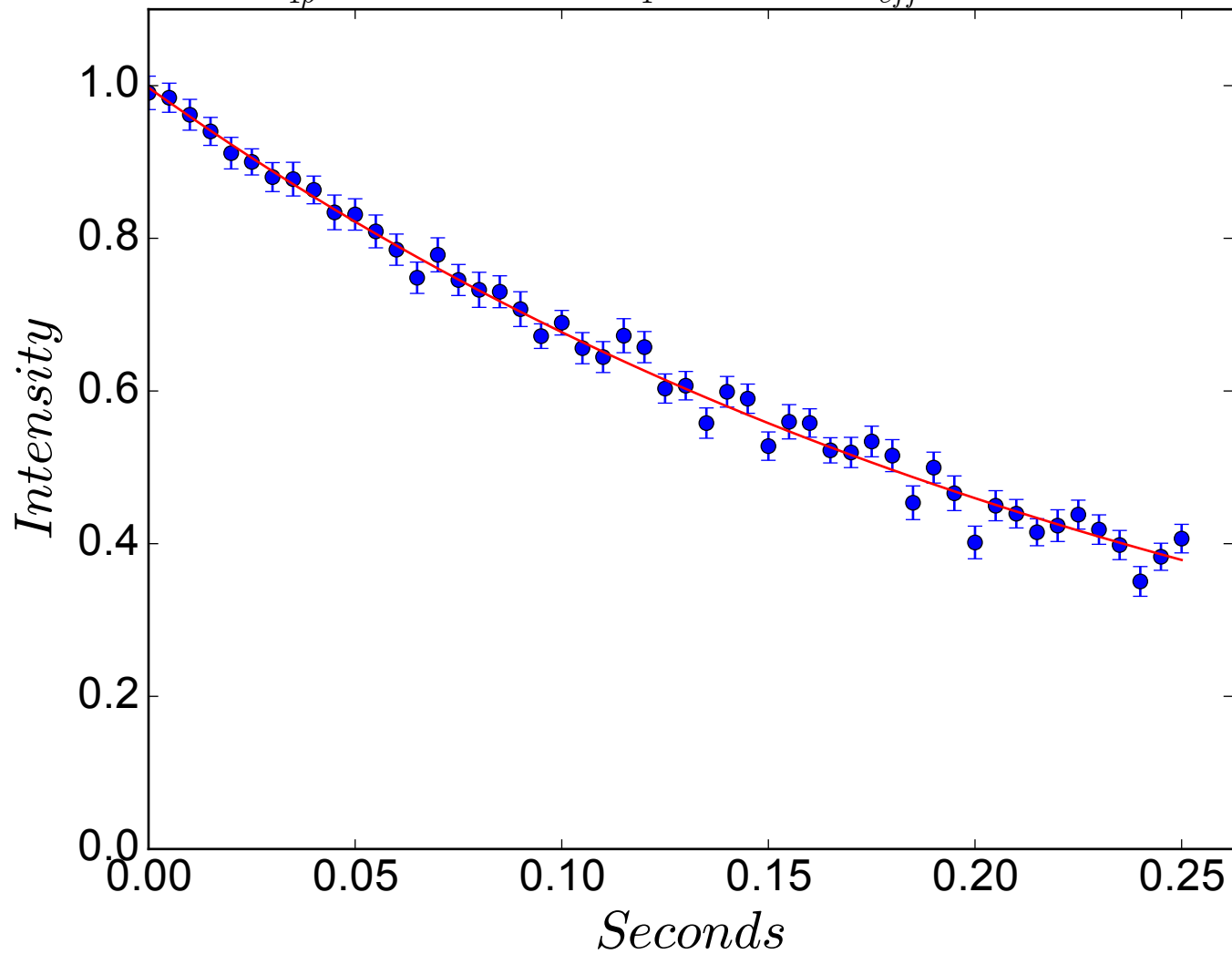
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -759 \text{ Hz}$$



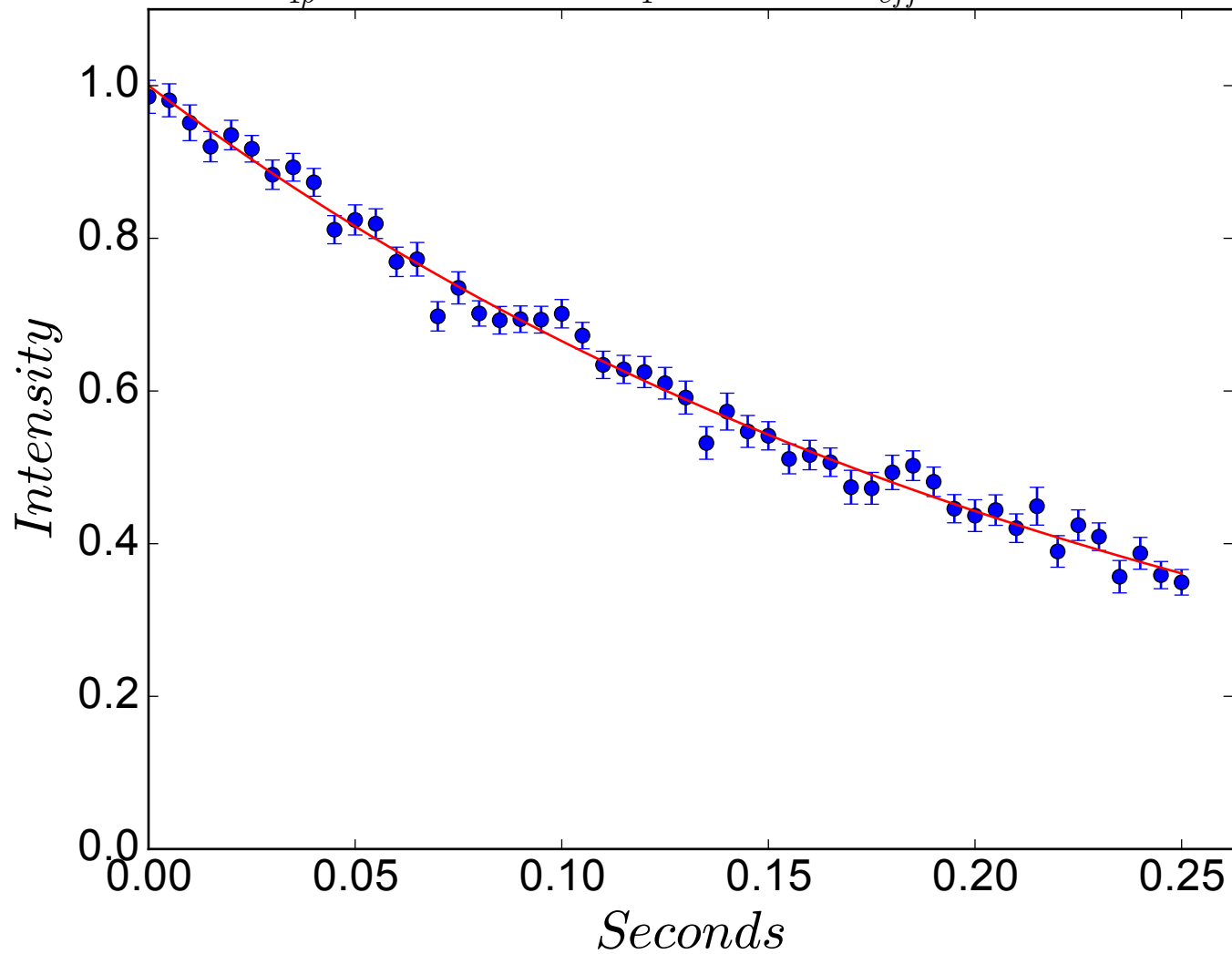
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -749 \text{ Hz}$$



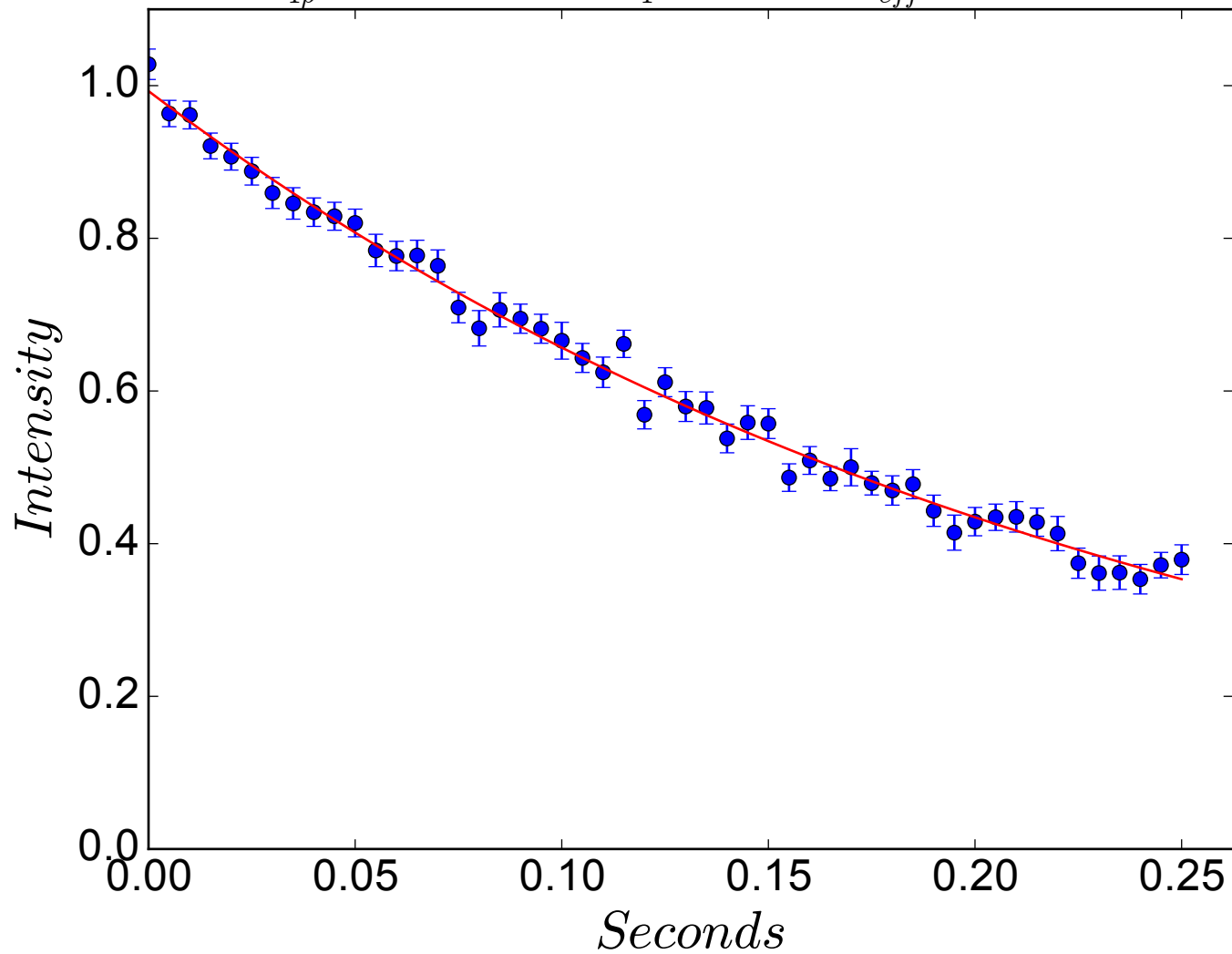
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -739 \text{ Hz}$$



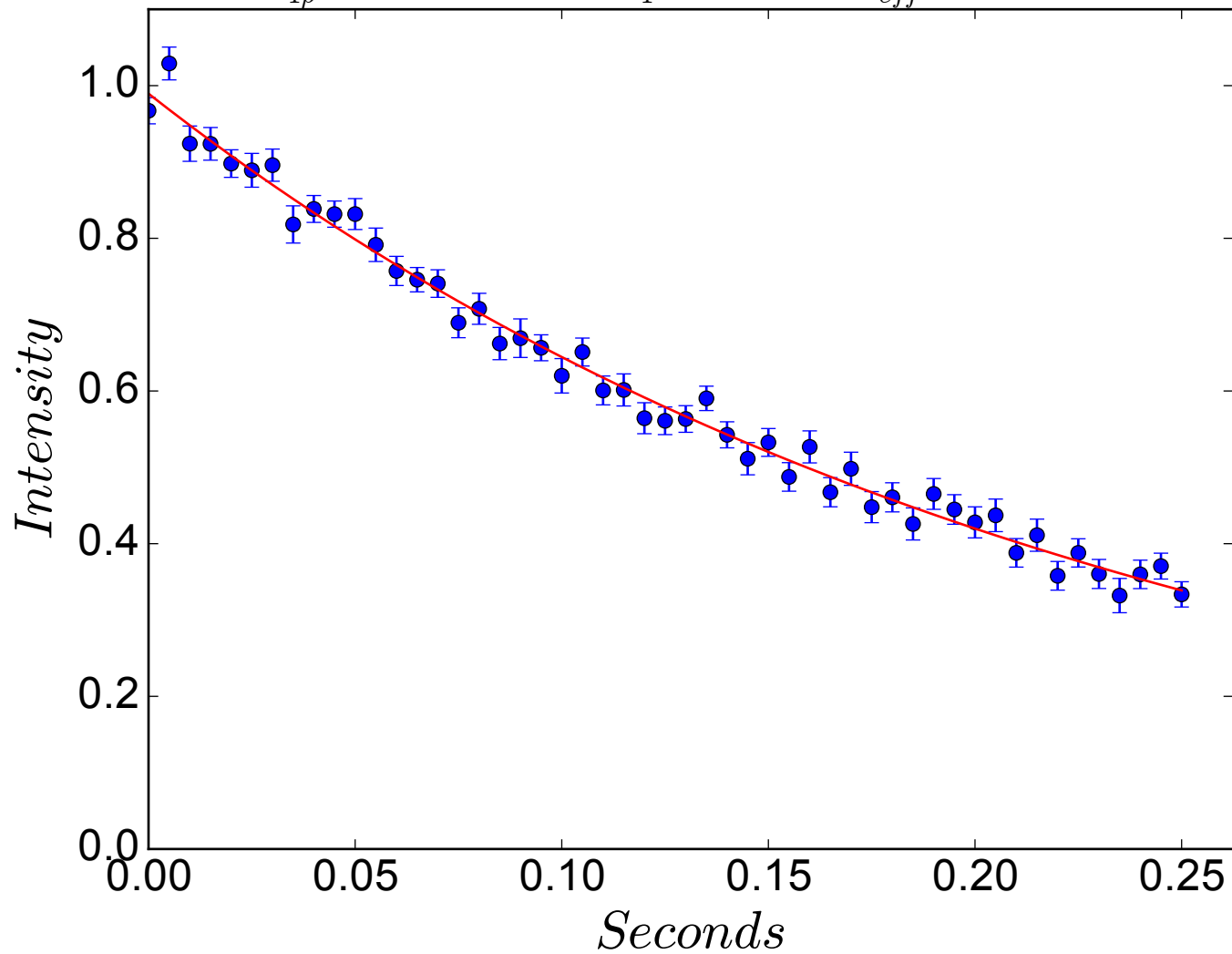
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -729 \text{ Hz}$$



$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -719 \text{ Hz}$$

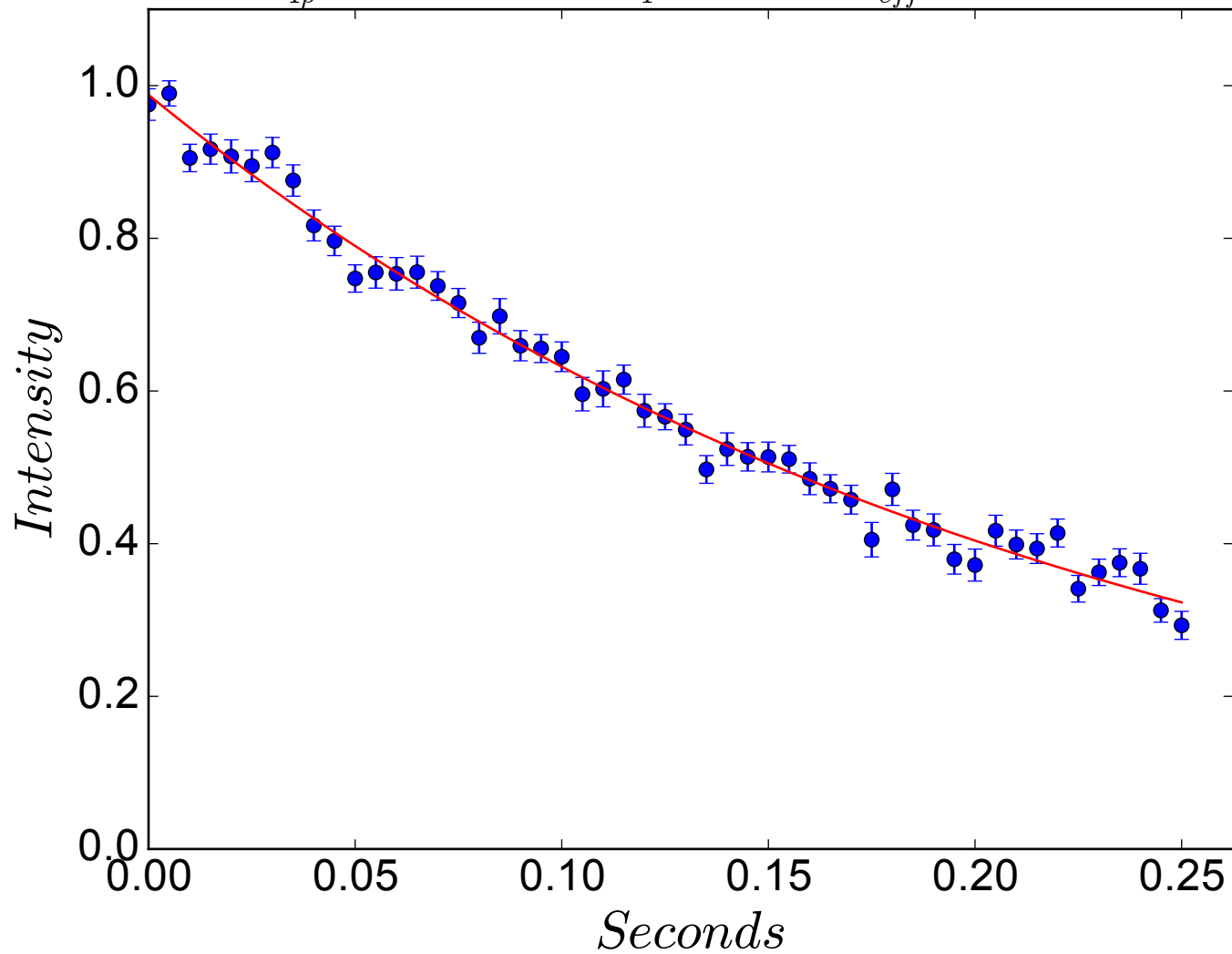


$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -709 \text{ Hz}$$

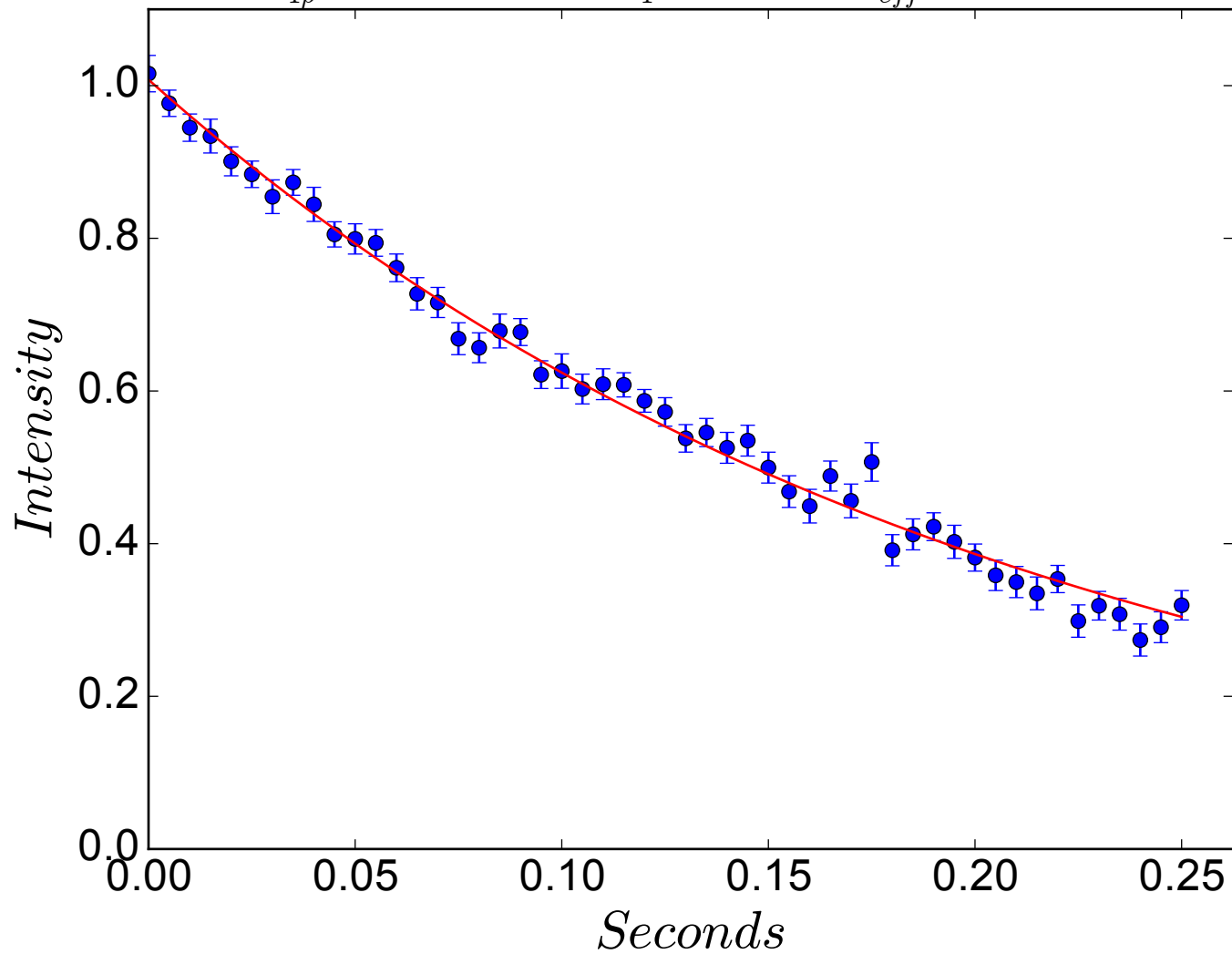




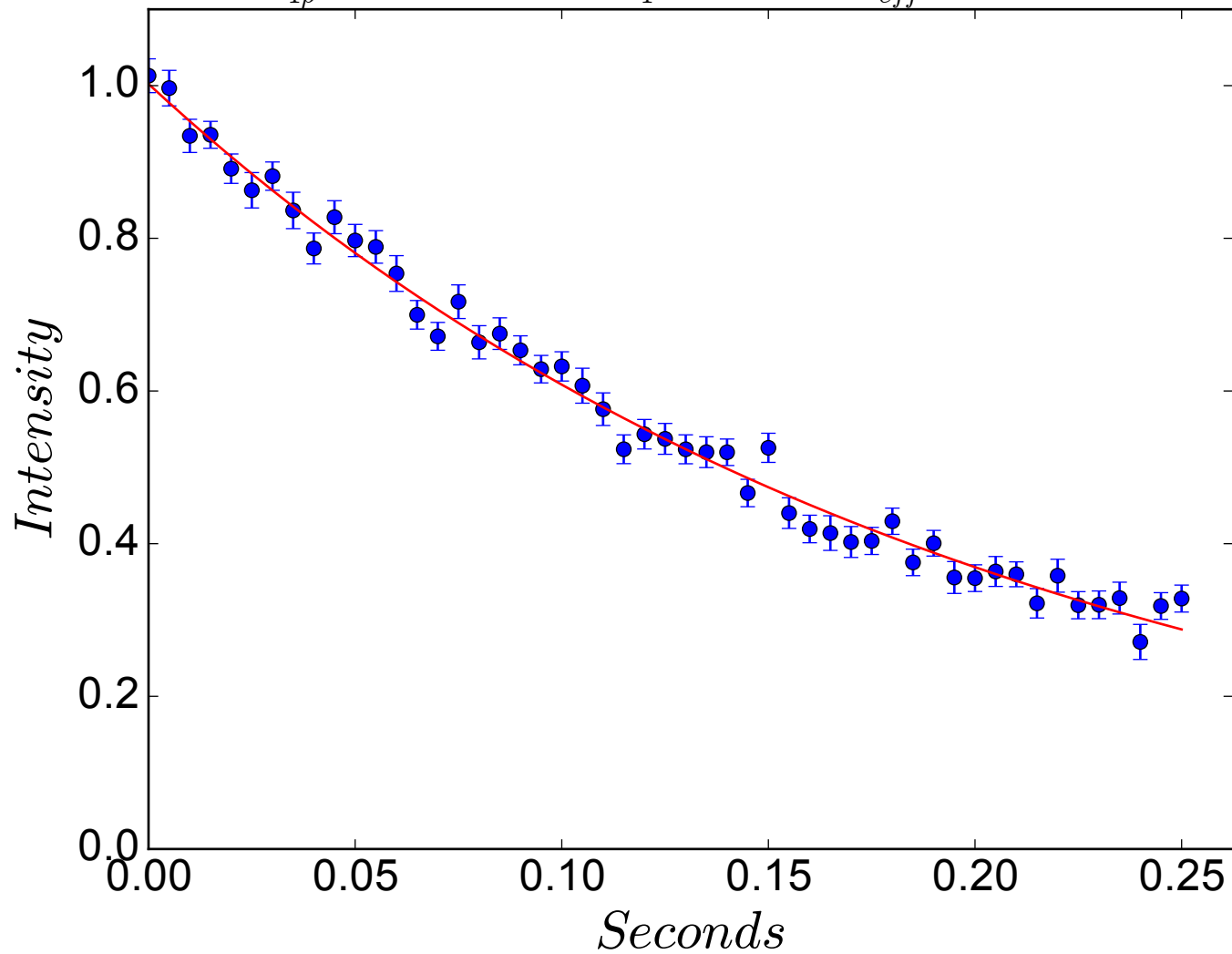
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -698 \text{ Hz}$$



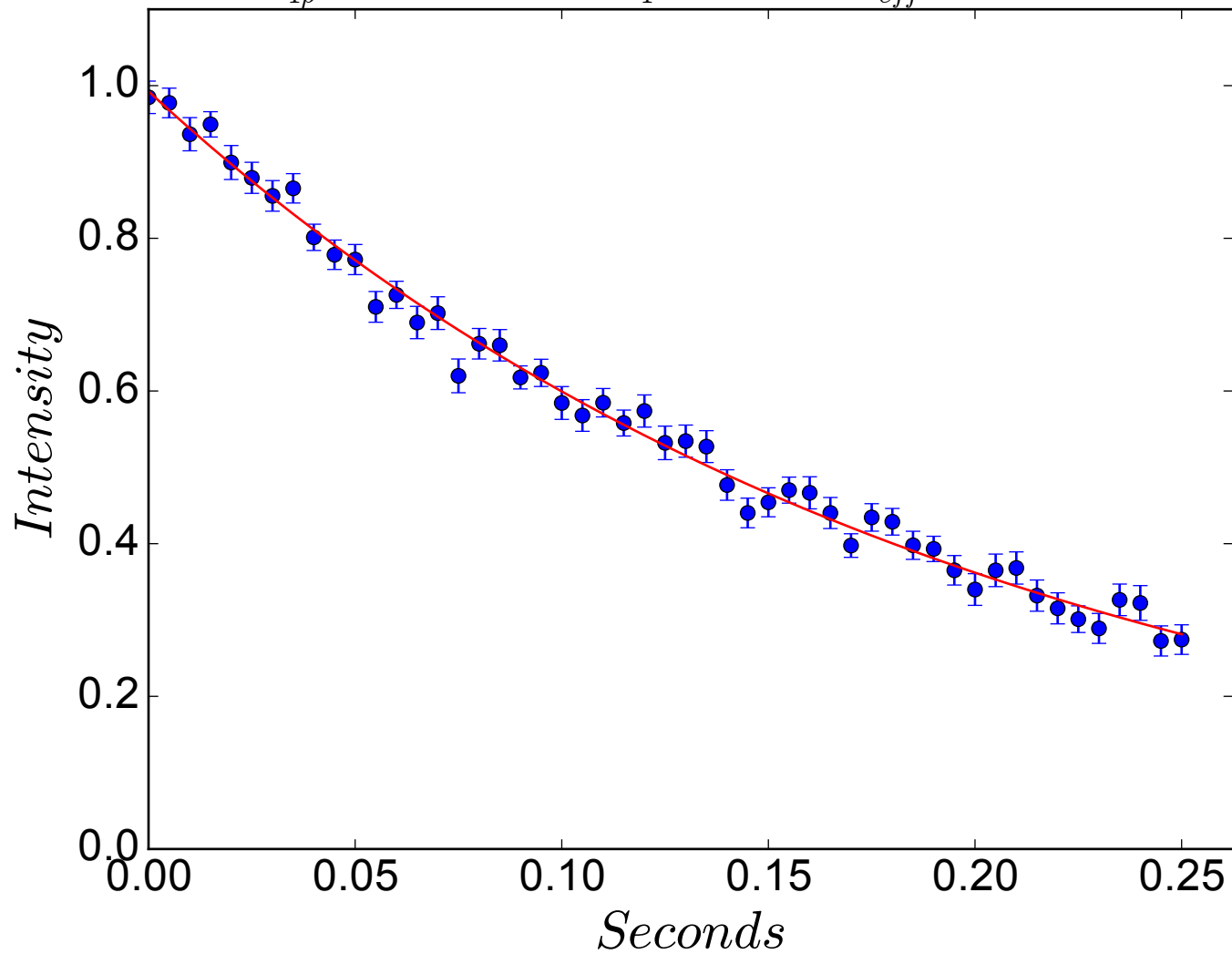
$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -688 \text{ Hz}$$



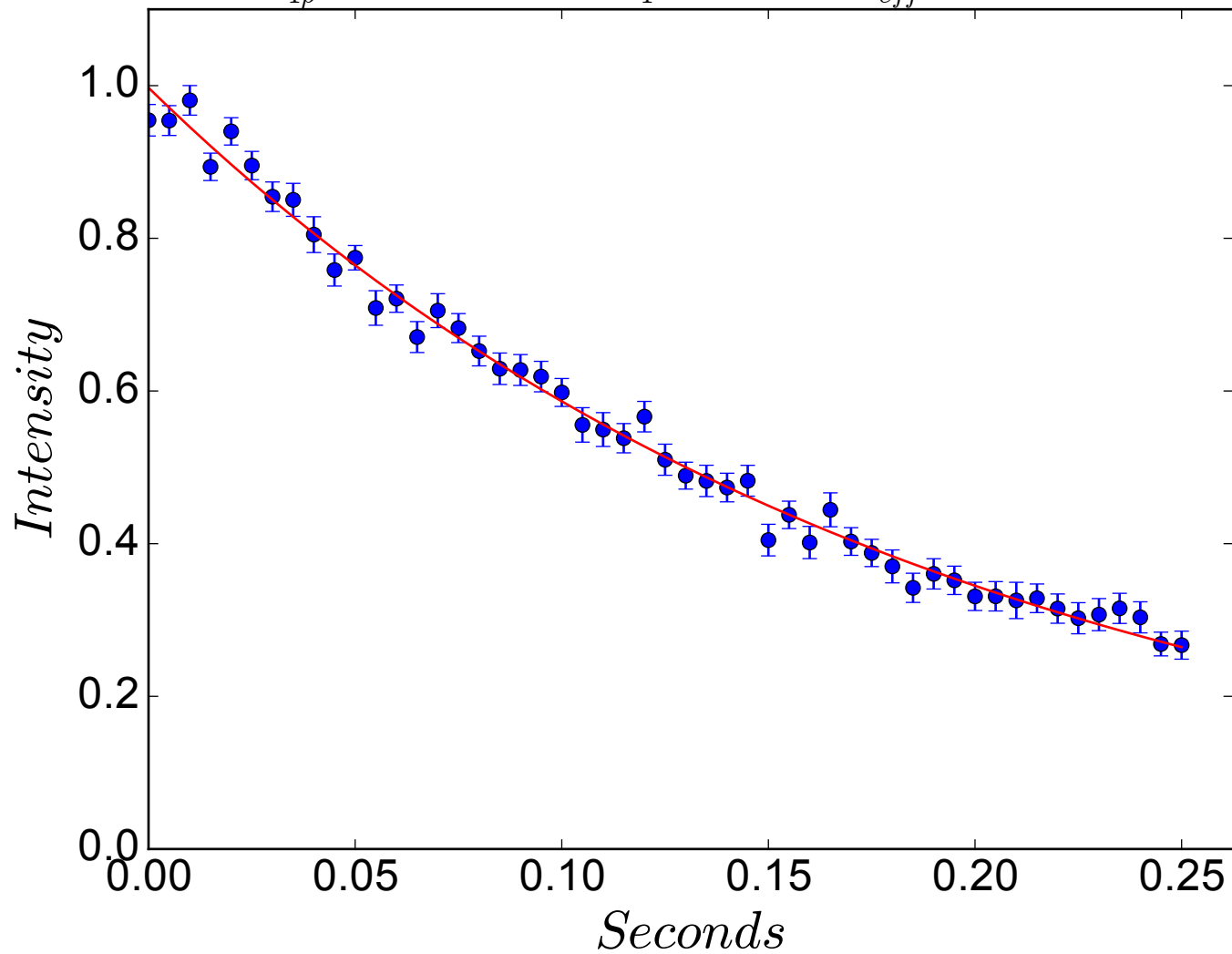
$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -678 \text{ Hz}$$



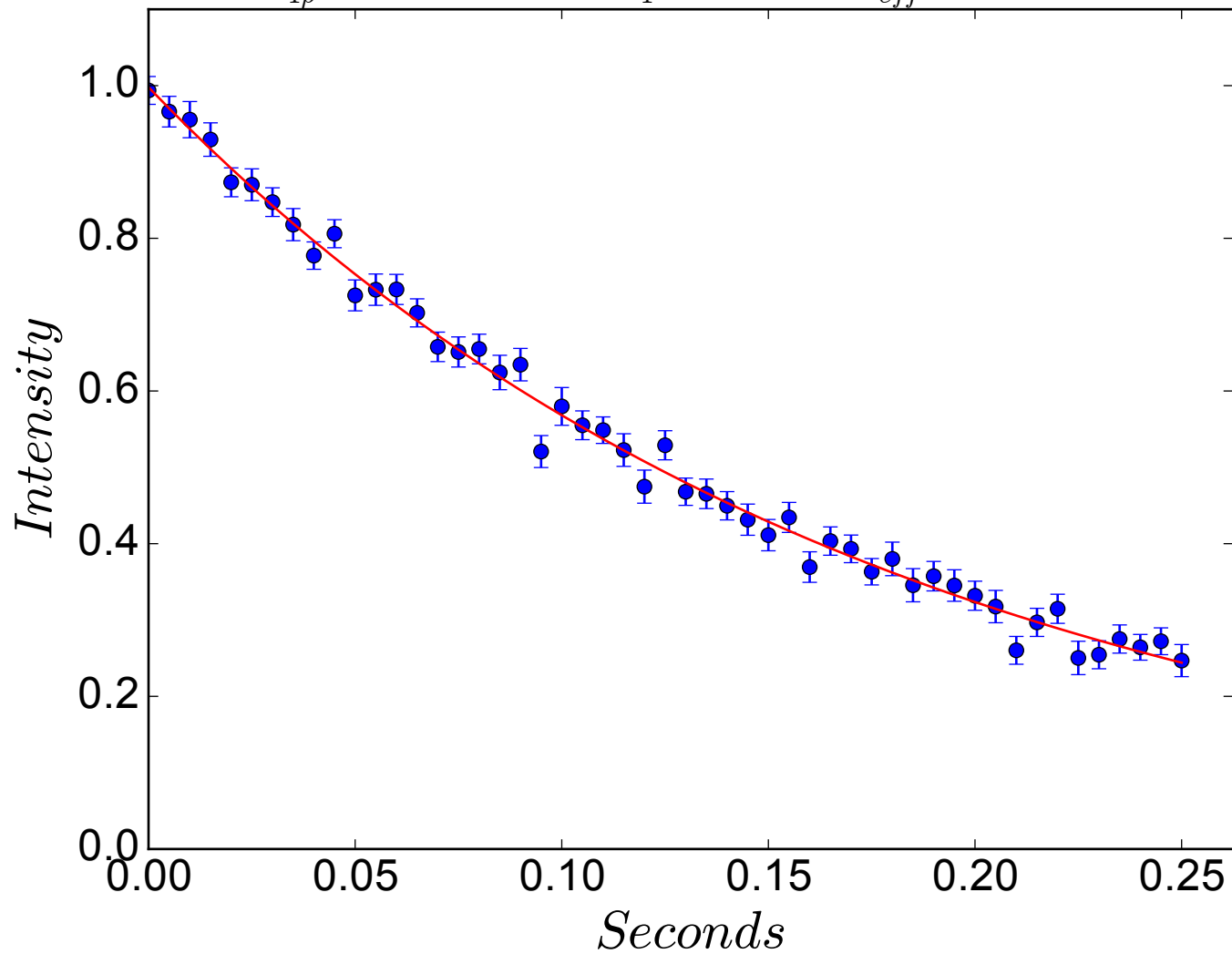
$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -668 \text{ Hz}$$



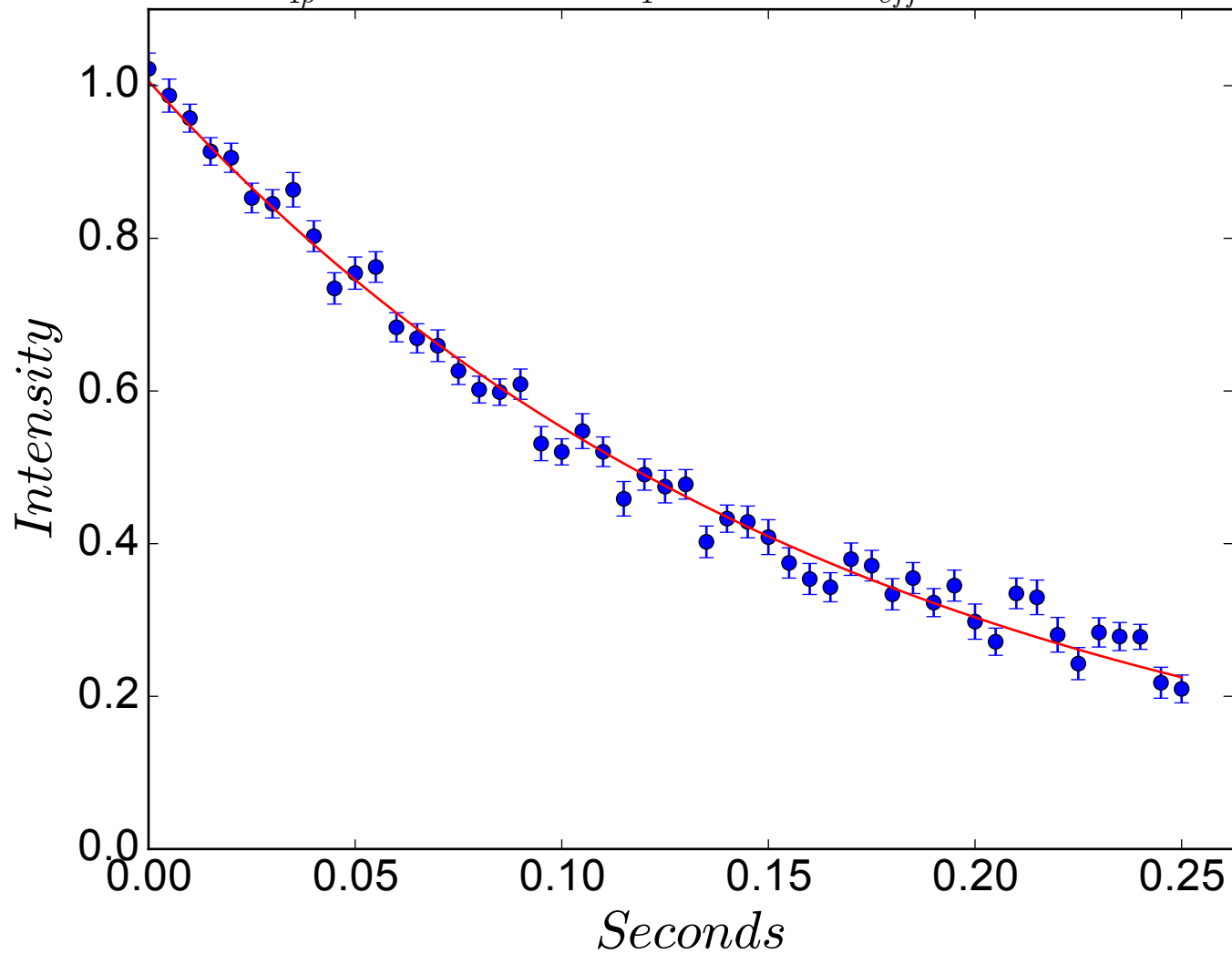
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -658 \text{ Hz}$$



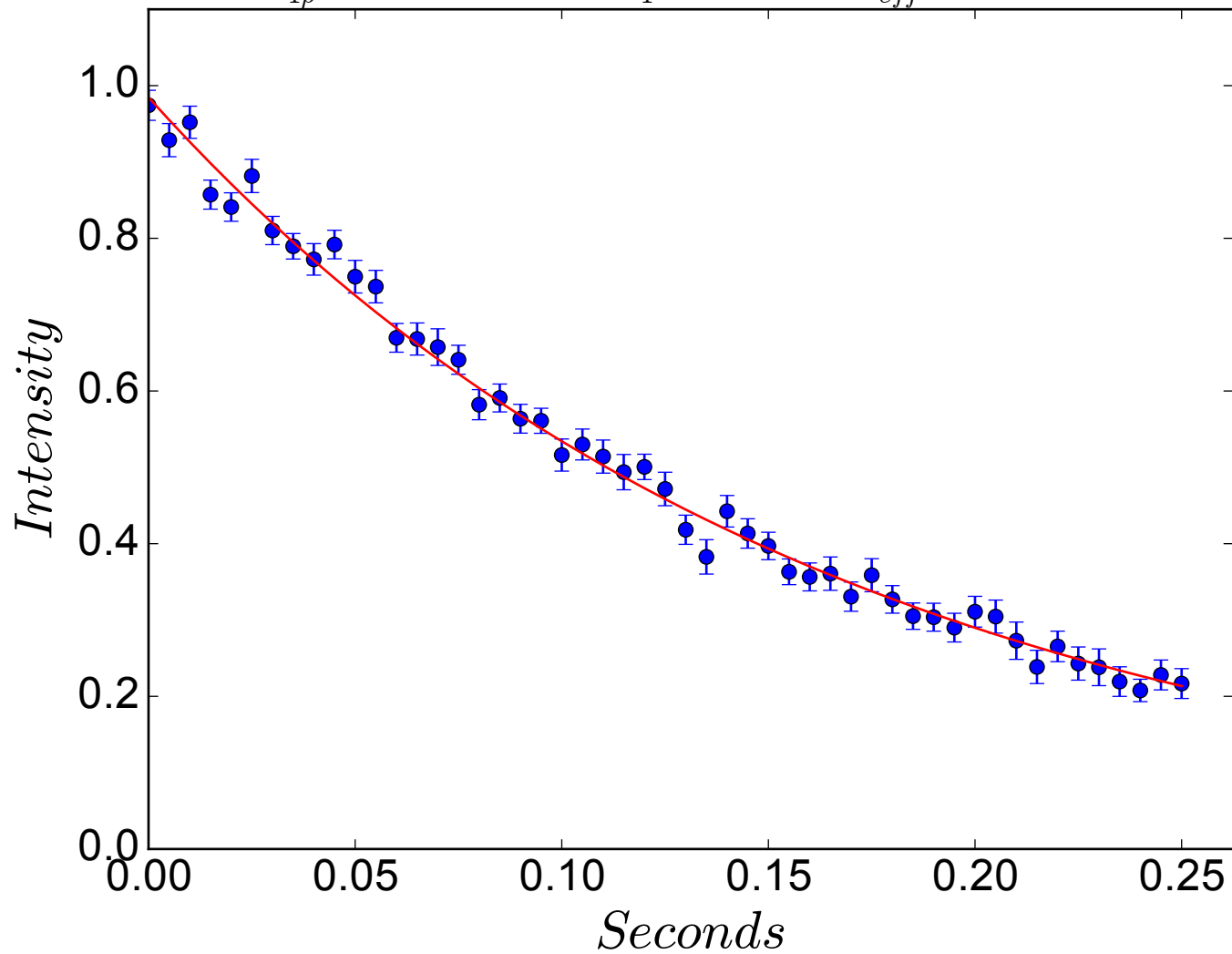
$$R_{1\rho} = 5.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -648 \text{ Hz}$$



$$R_{1\rho} = 6.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -638 \text{ Hz}$$

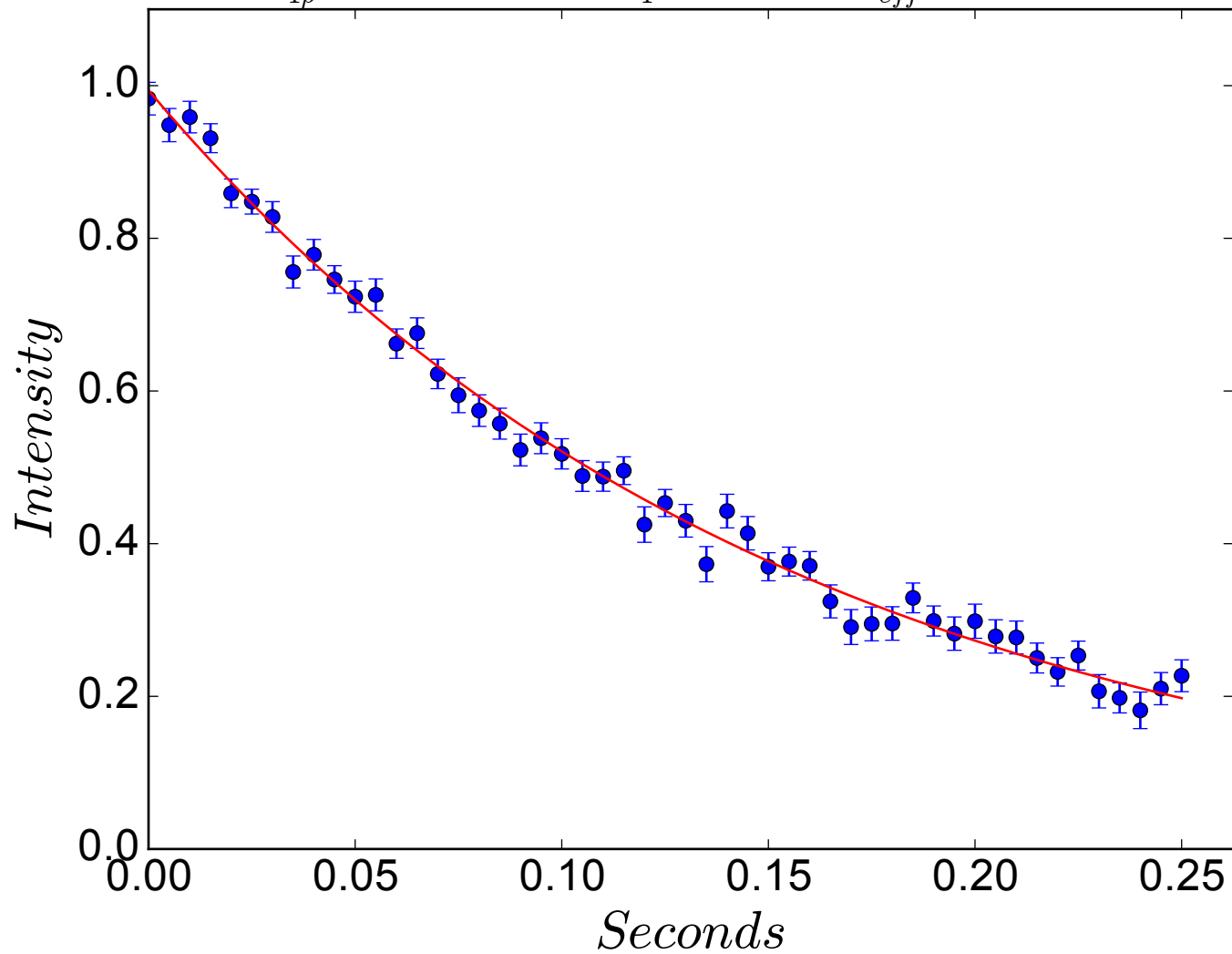


$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -628 \text{ Hz}$$

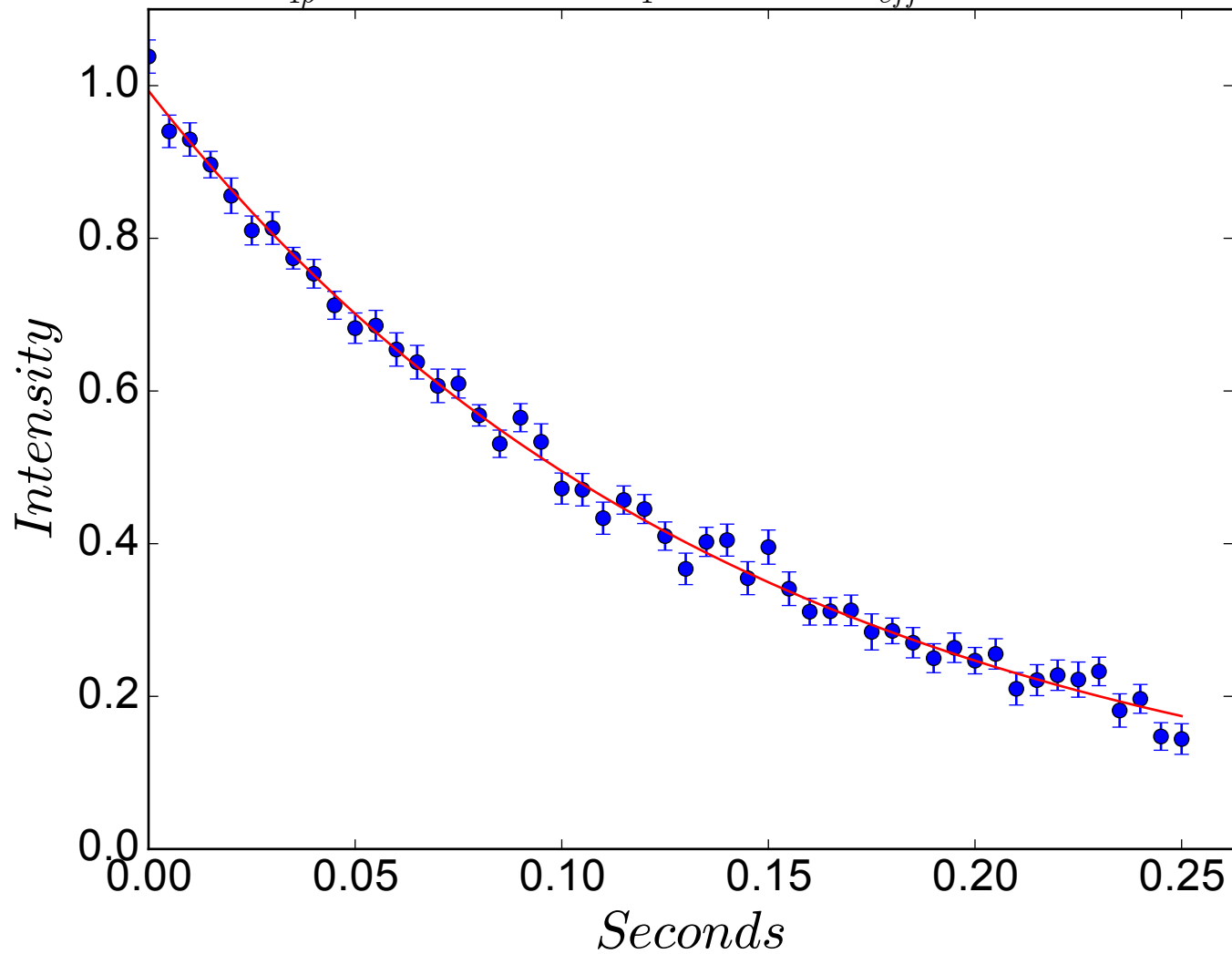




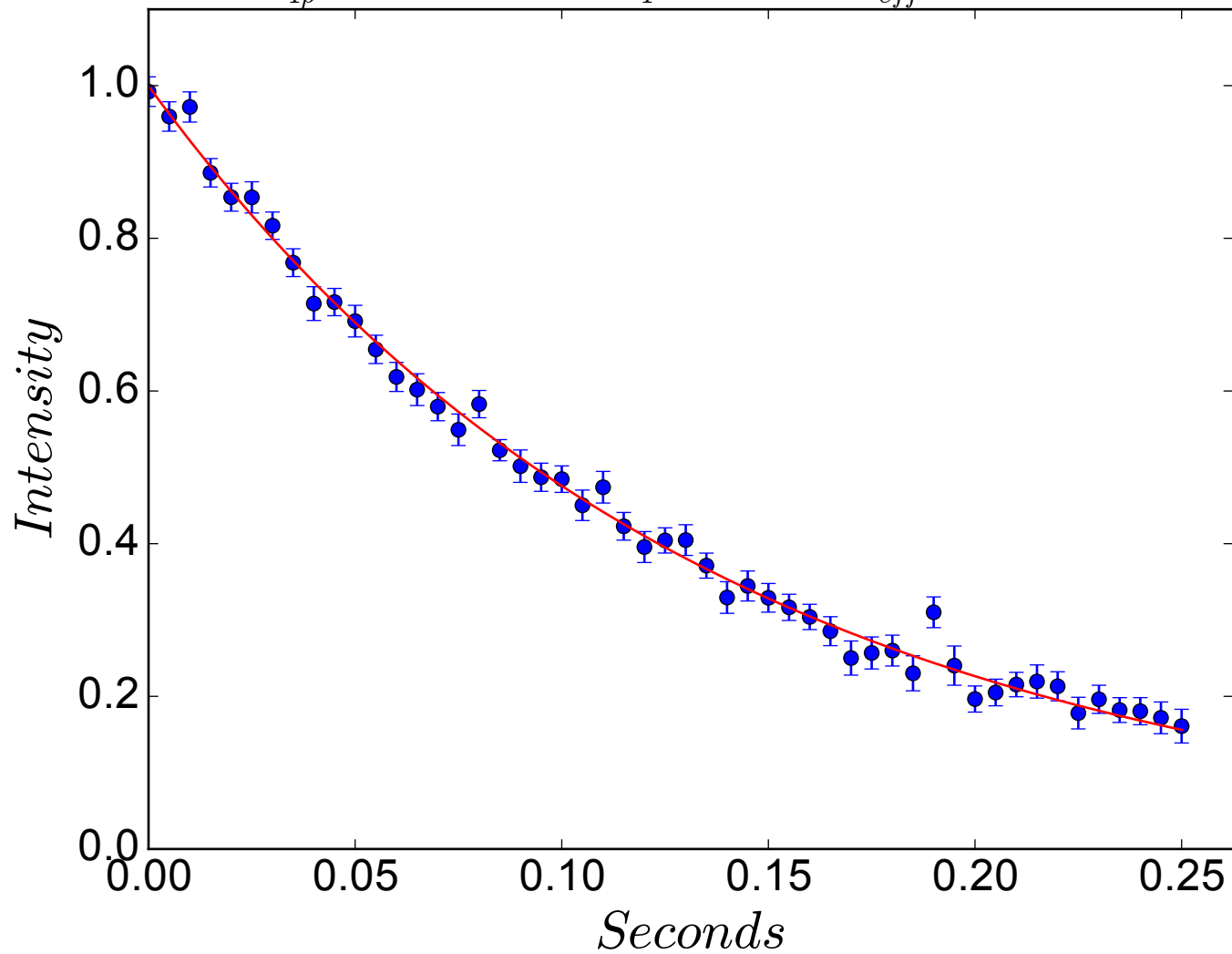
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -618 \text{ Hz}$$



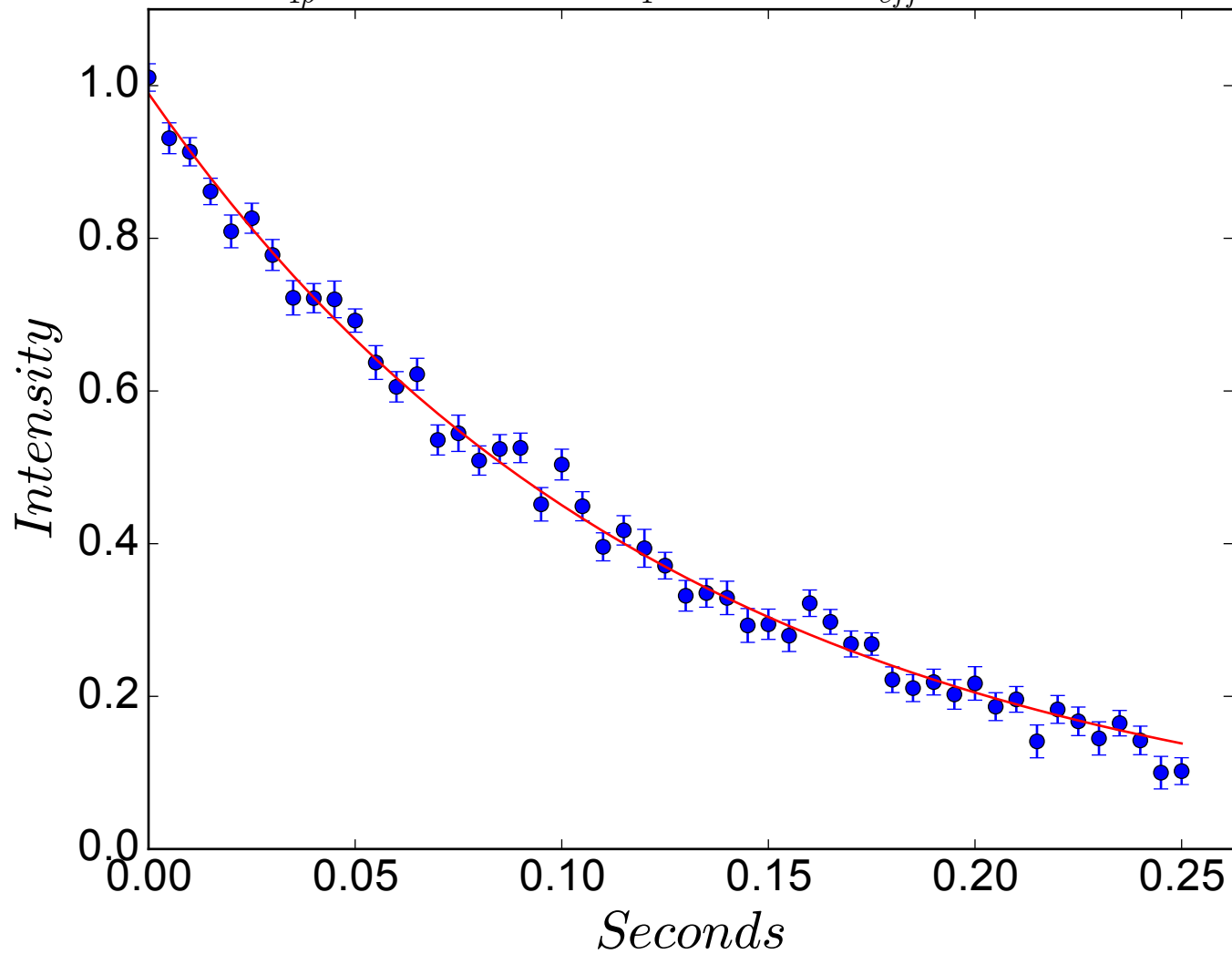
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -608 \text{ Hz}$$



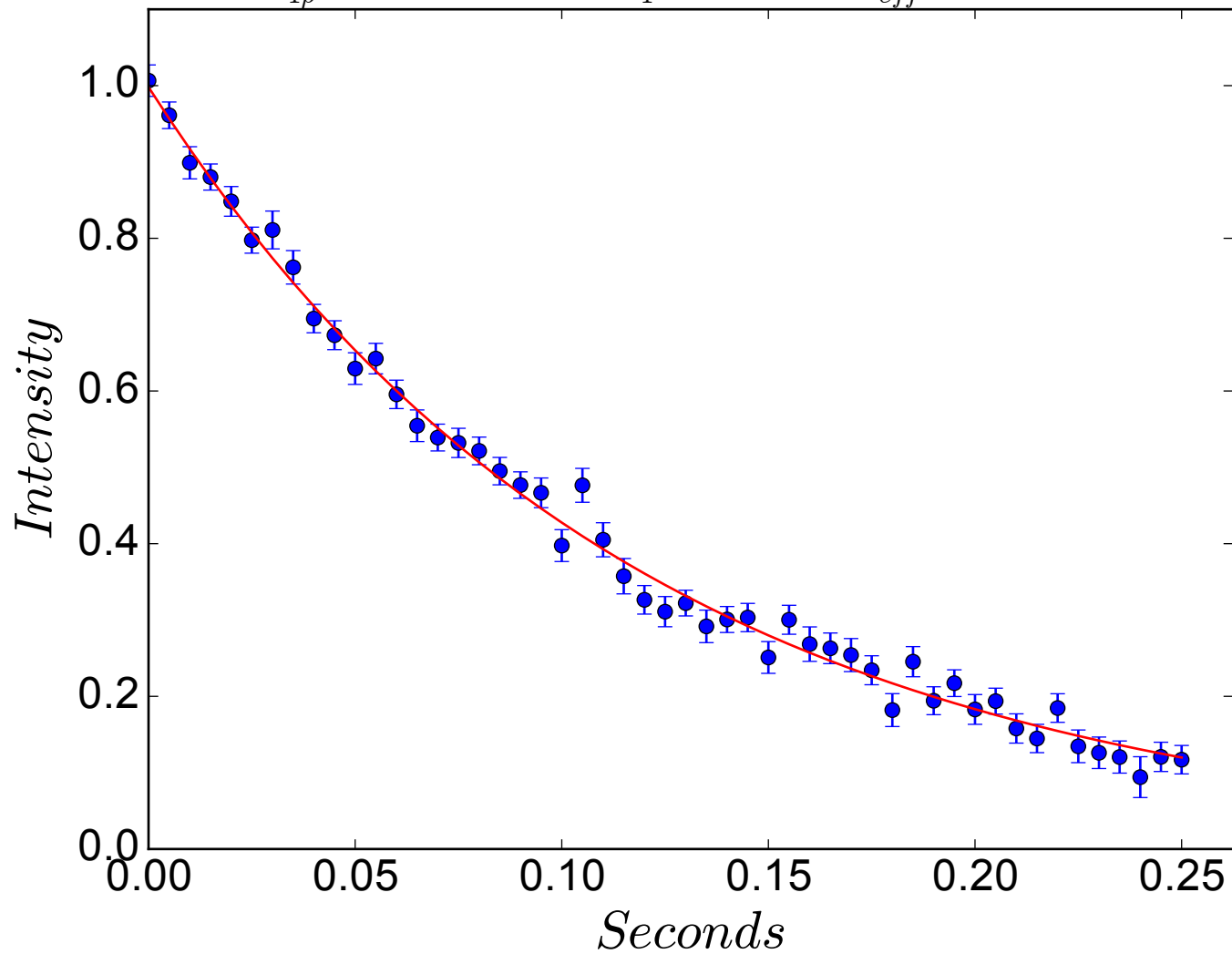
$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -598 \text{ Hz}$$



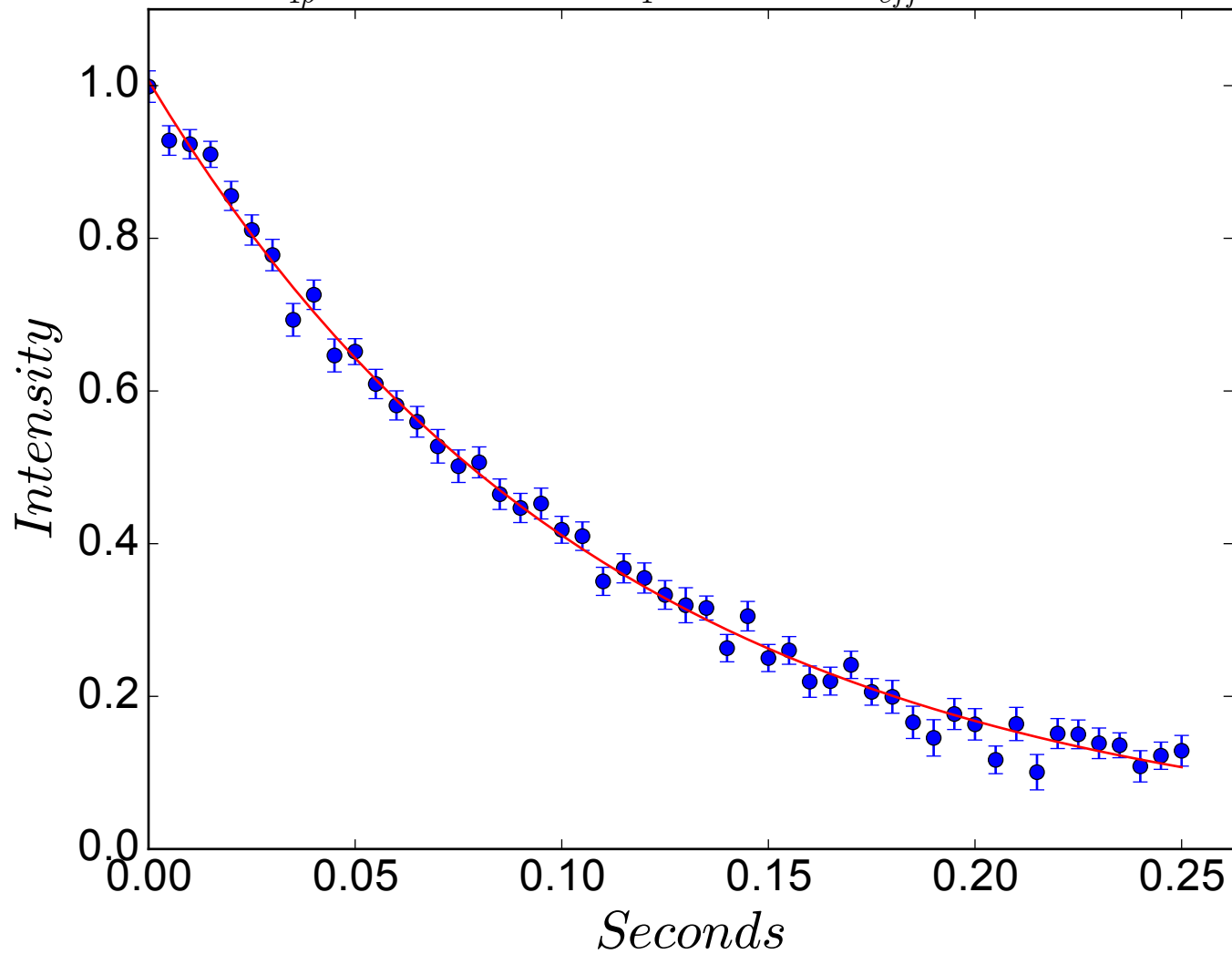
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -588 \text{ Hz}$$



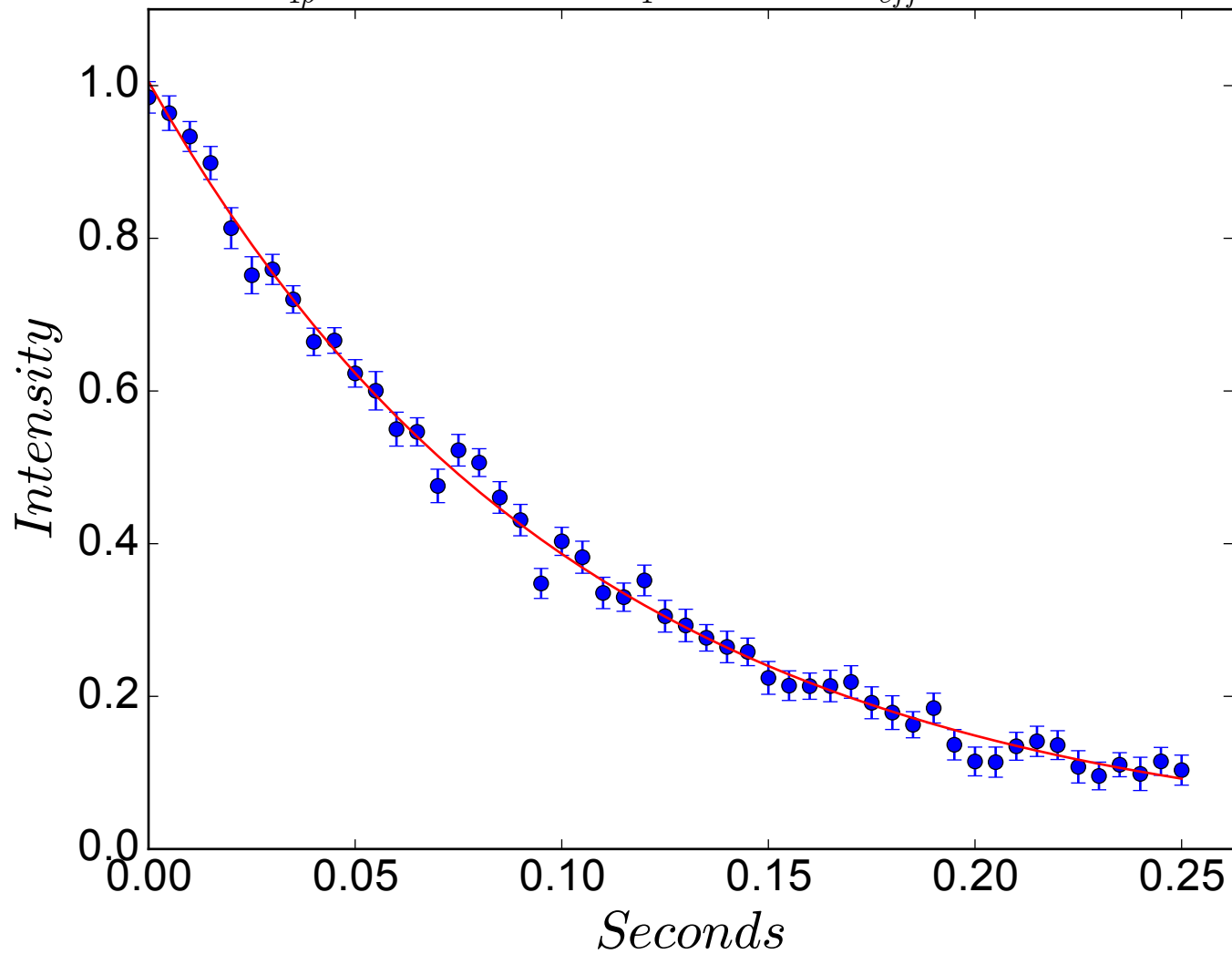
$$R_{1\rho} = 8.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -578 \text{ Hz}$$



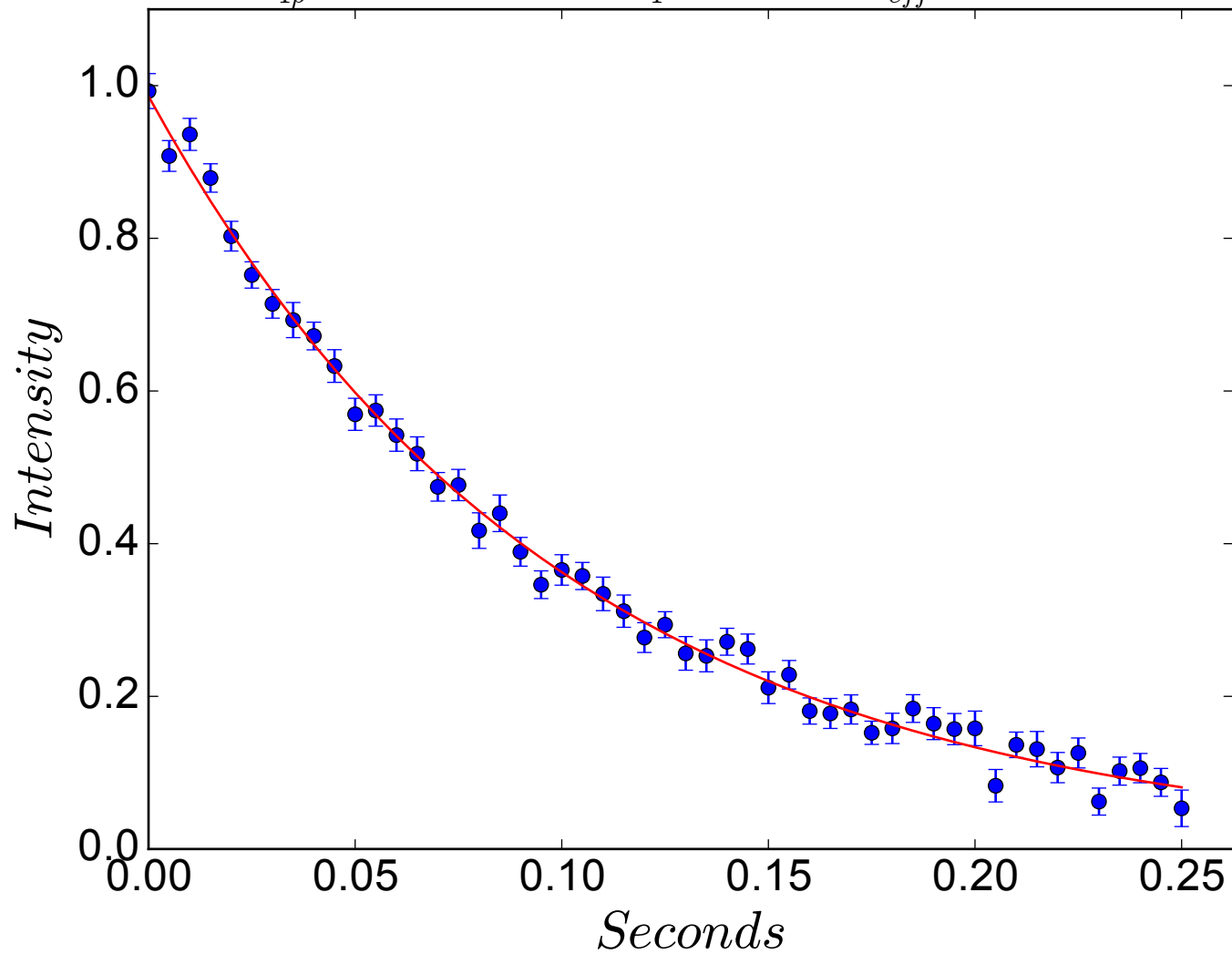
$$R_{1\rho} = 9.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -568 \text{ Hz}$$



$$R_{1\rho} = 9.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -558 \text{ Hz}$$

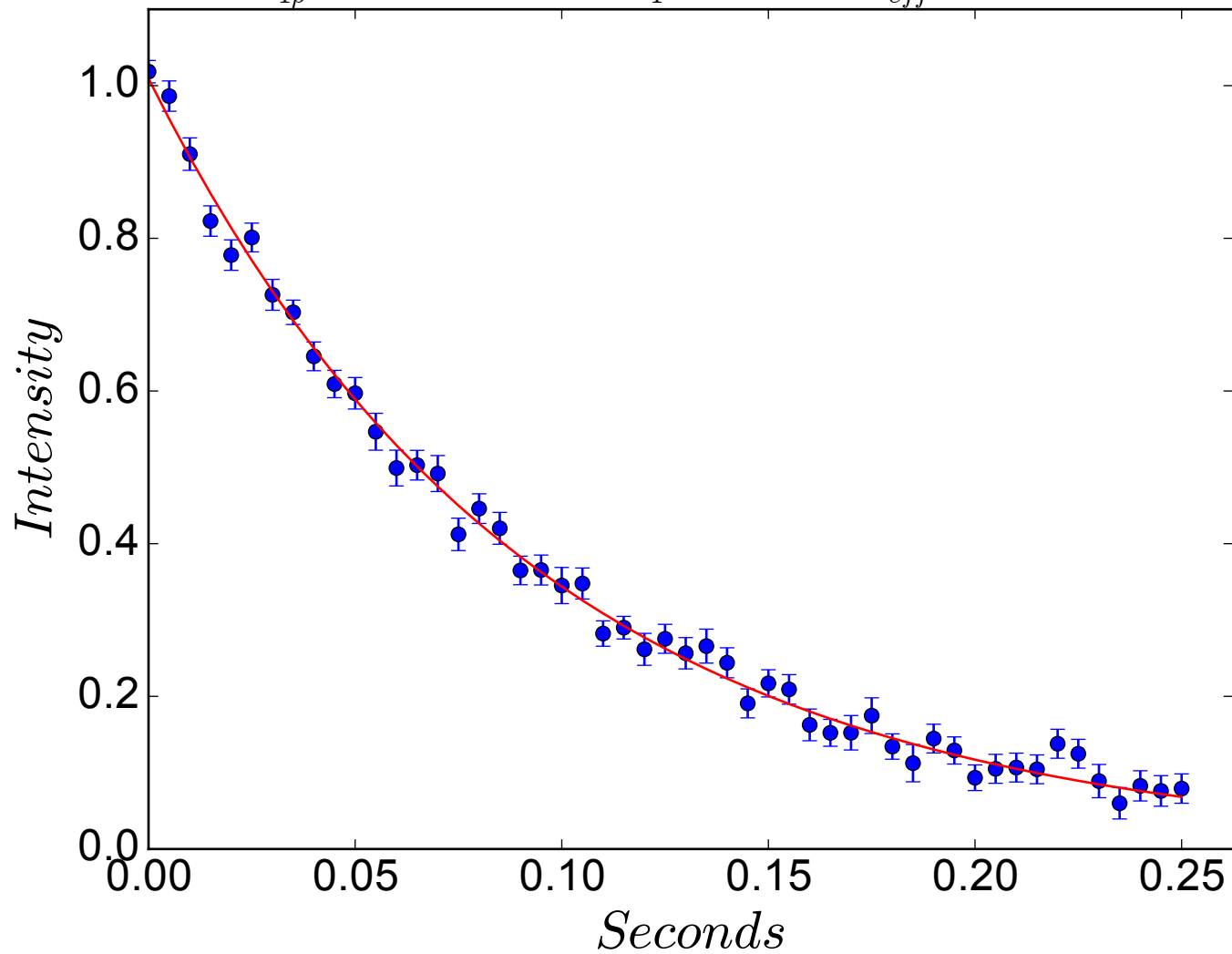


$$R_{1\rho} = 10.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -548 \text{ Hz}$$

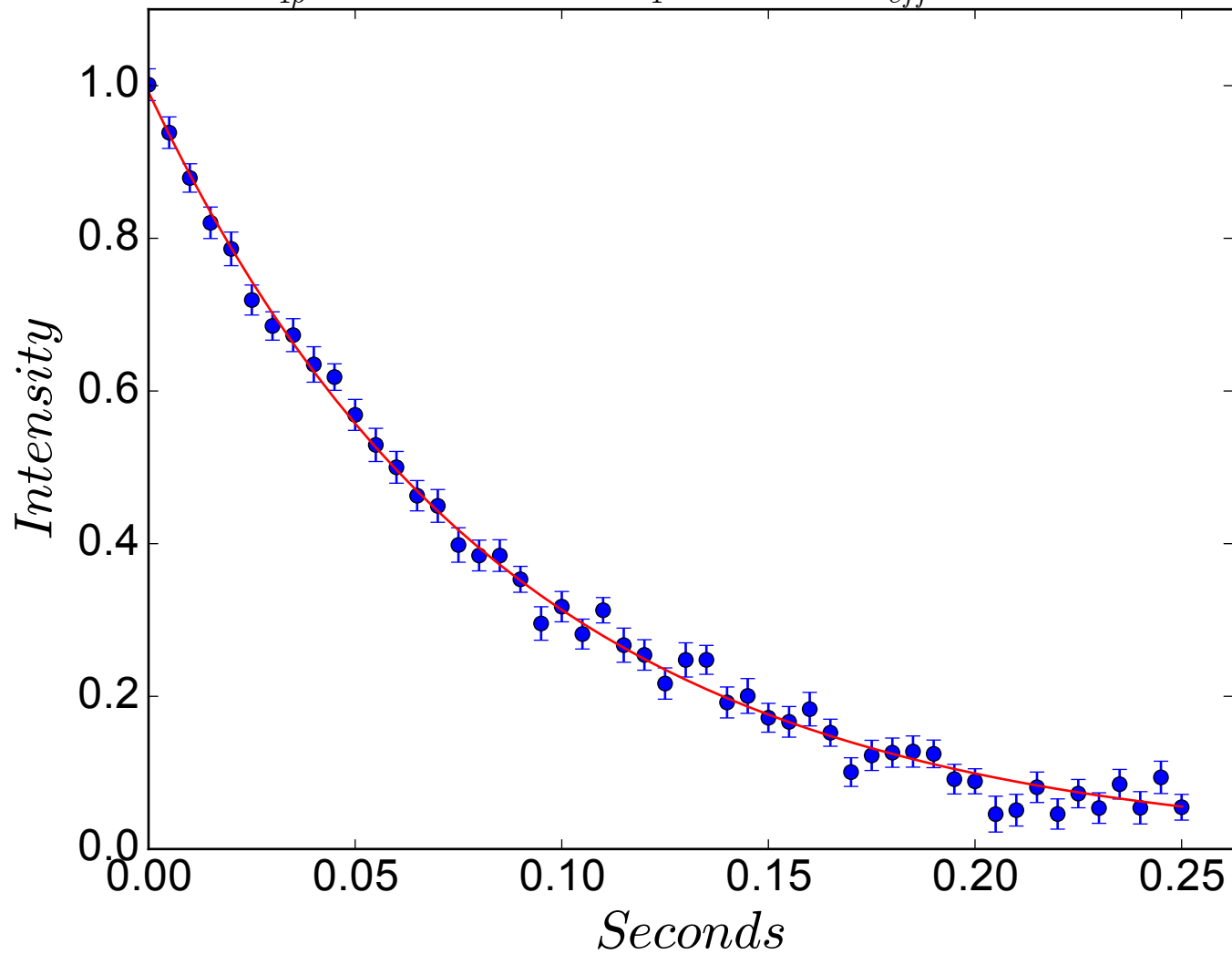




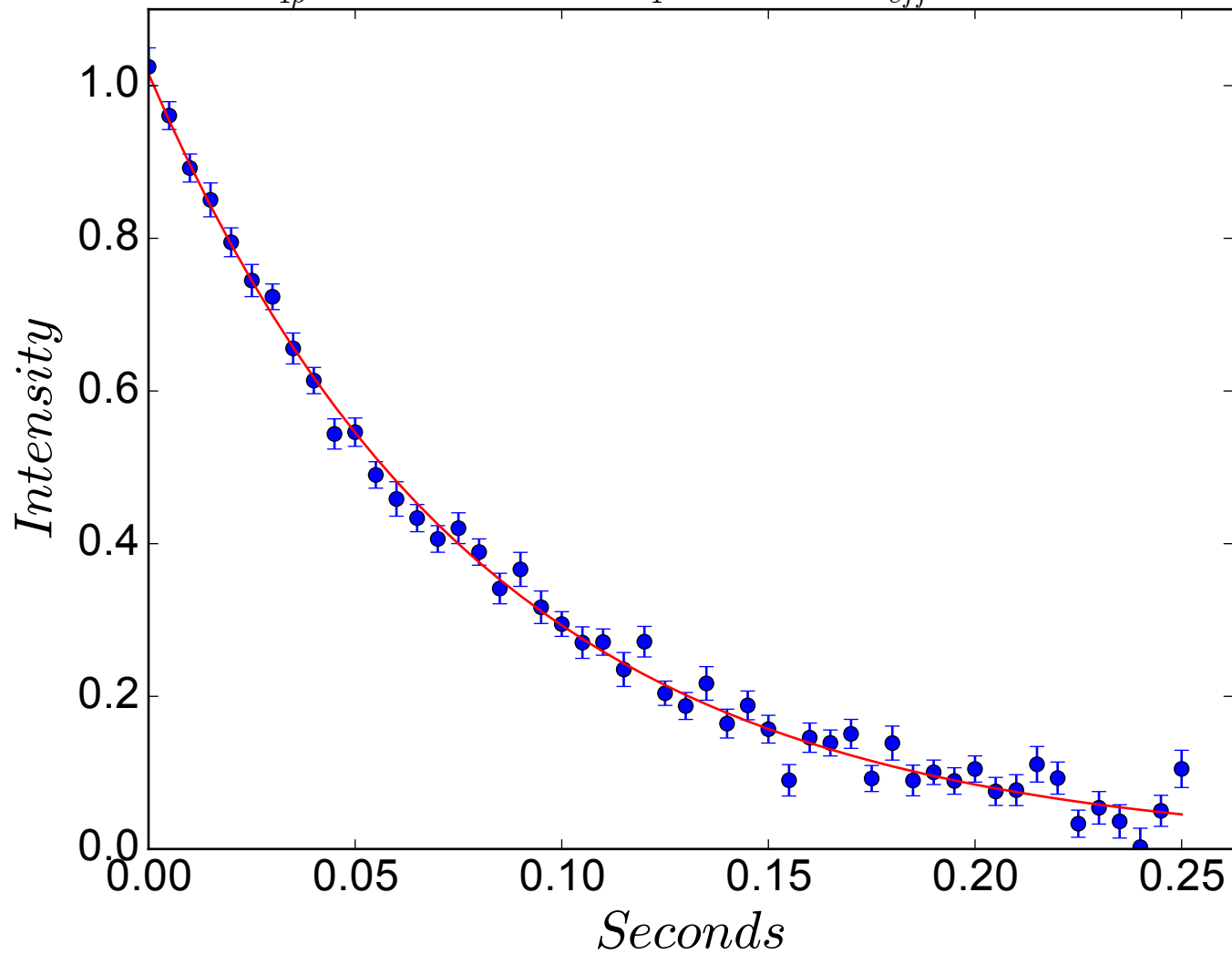
$$R_{1\rho} = 10.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -538 \text{ Hz}$$



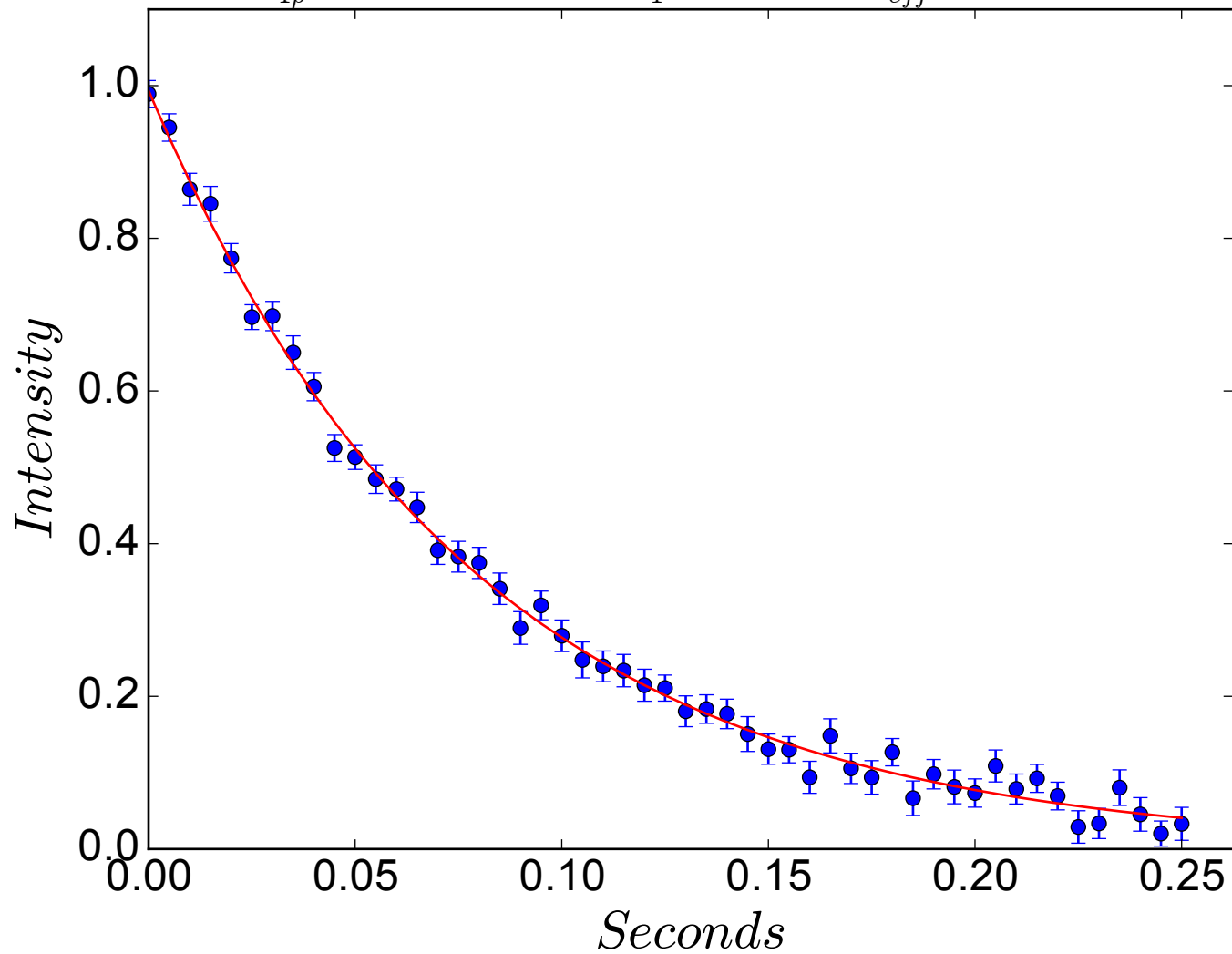
$$R_{1\rho} = 11.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -528 \text{ Hz}$$



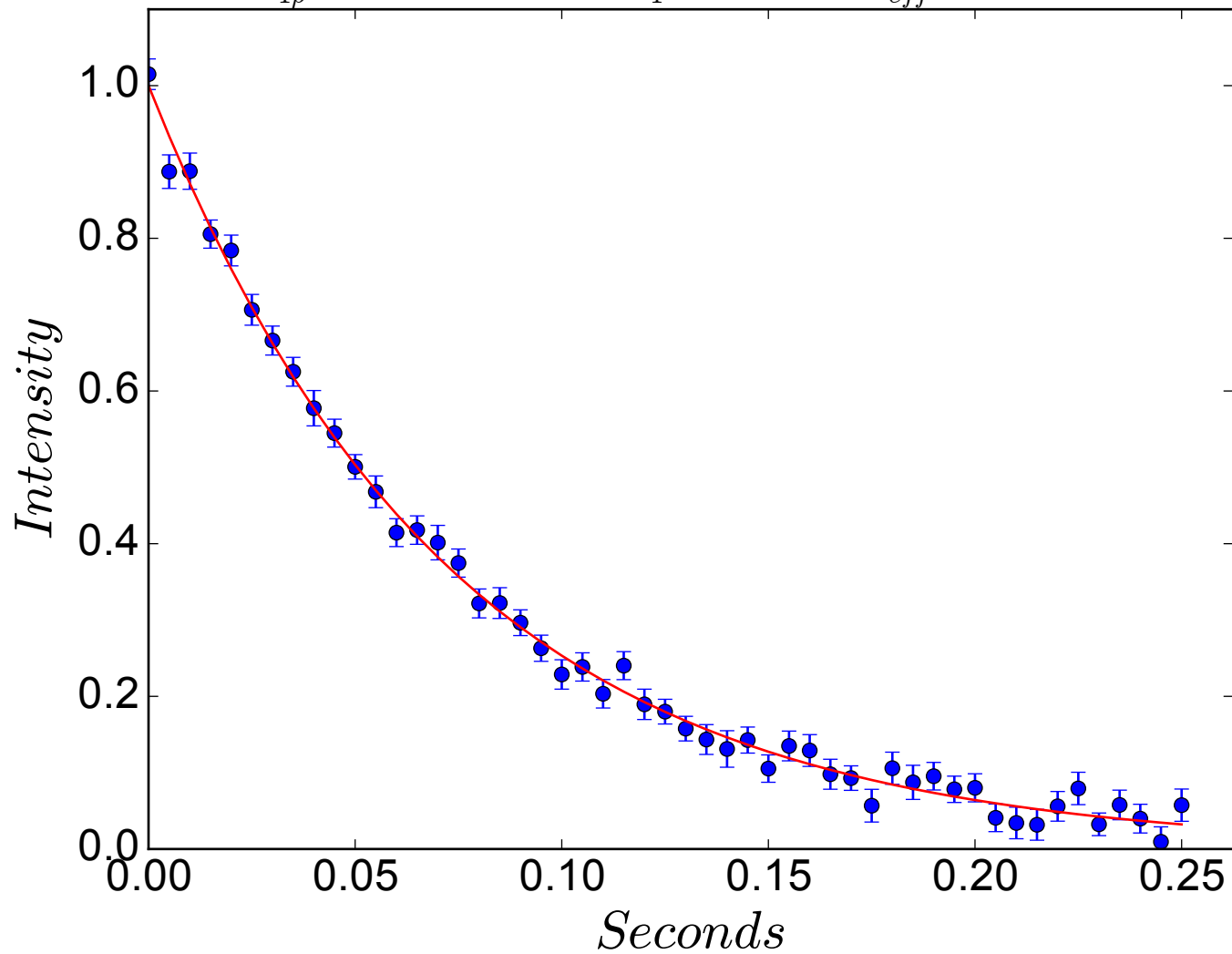
$$R_{1\rho} = 12.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -518 \text{ Hz}$$



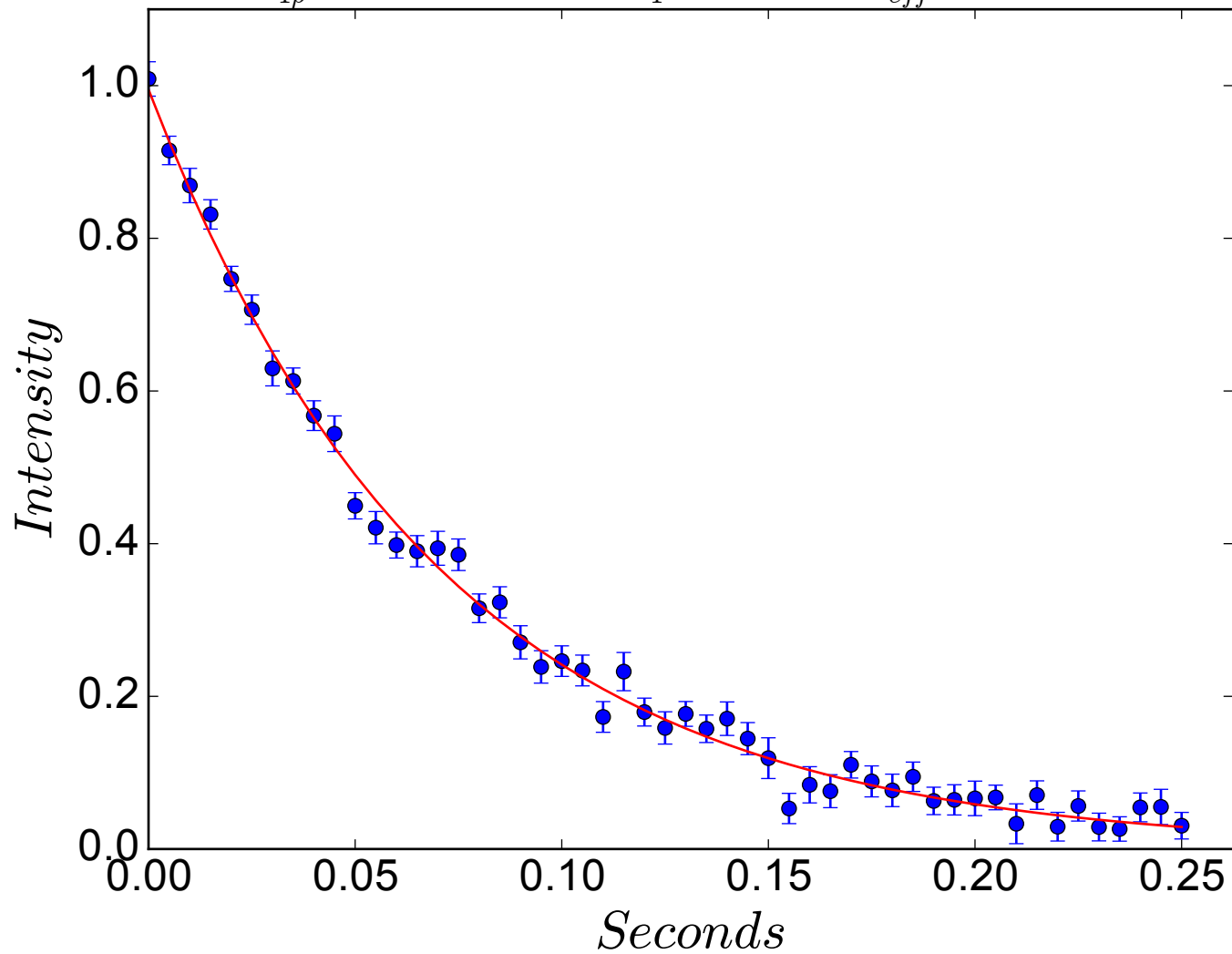
$$R_{1\rho} = 12.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -508 \text{ Hz}$$



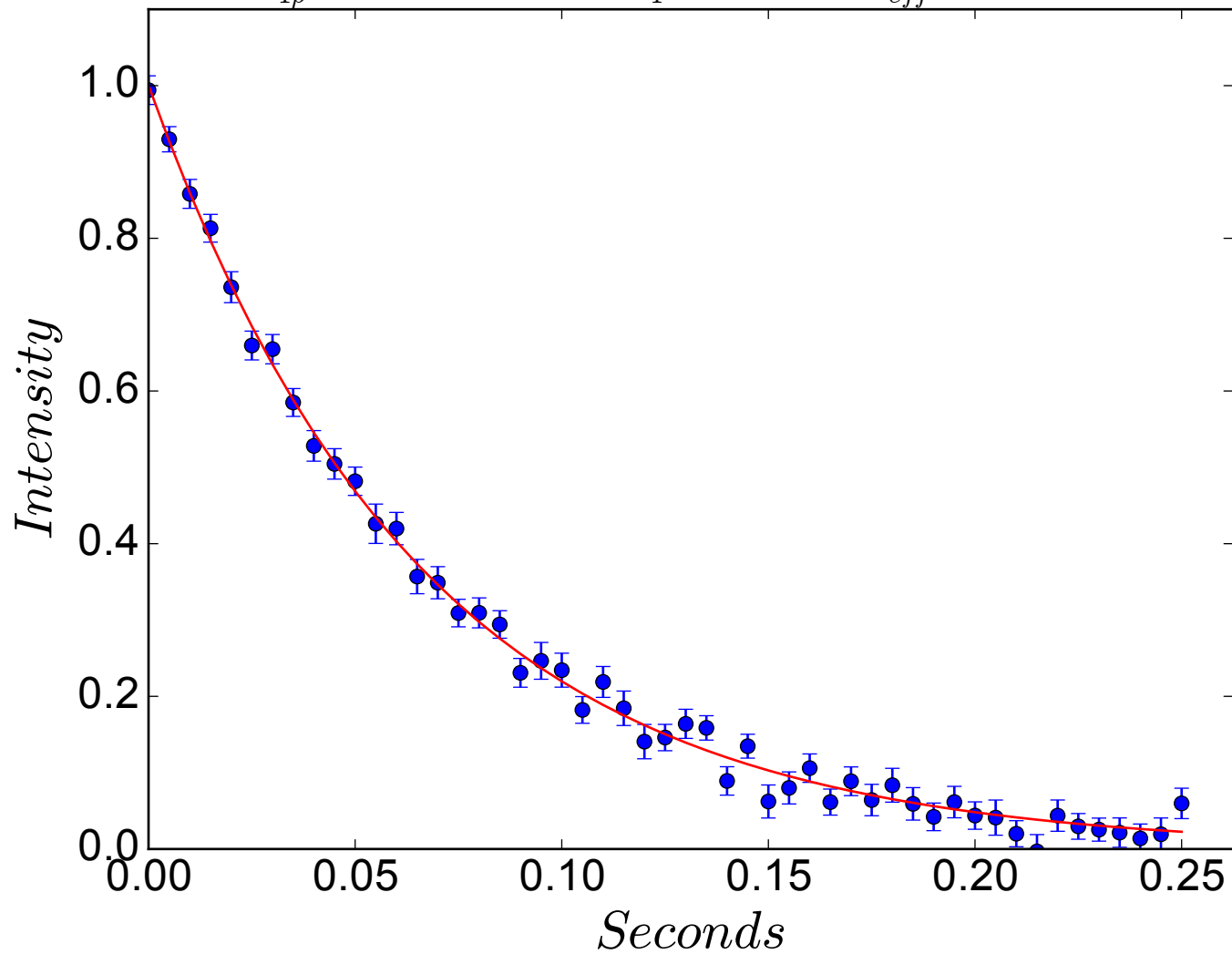
$$R_{1\rho} = 13.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -497 \text{ Hz}$$



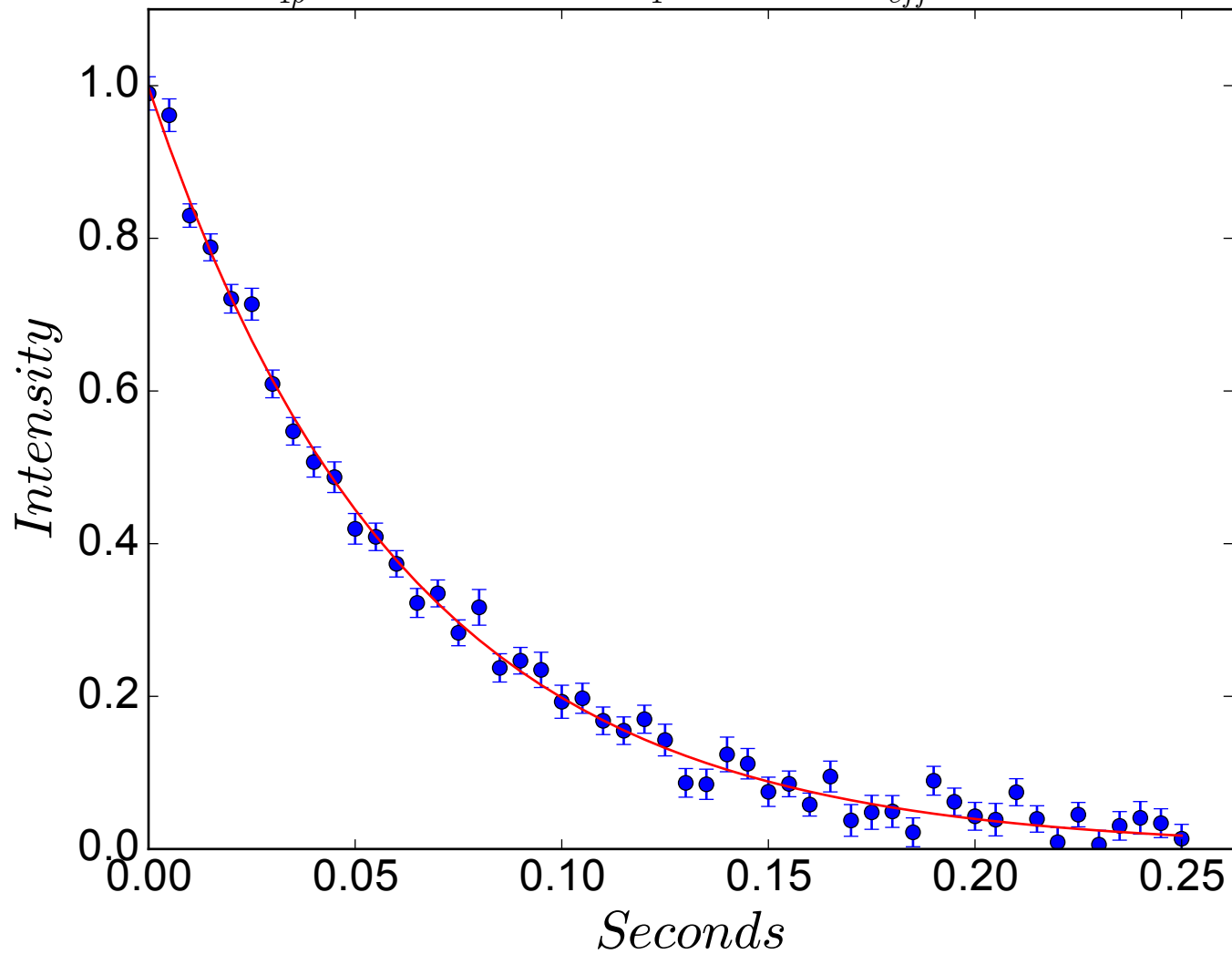
$$R_{1\rho} = 14.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -487 \text{ Hz}$$



$$R_{1\rho} = 15.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -477 \text{ Hz}$$

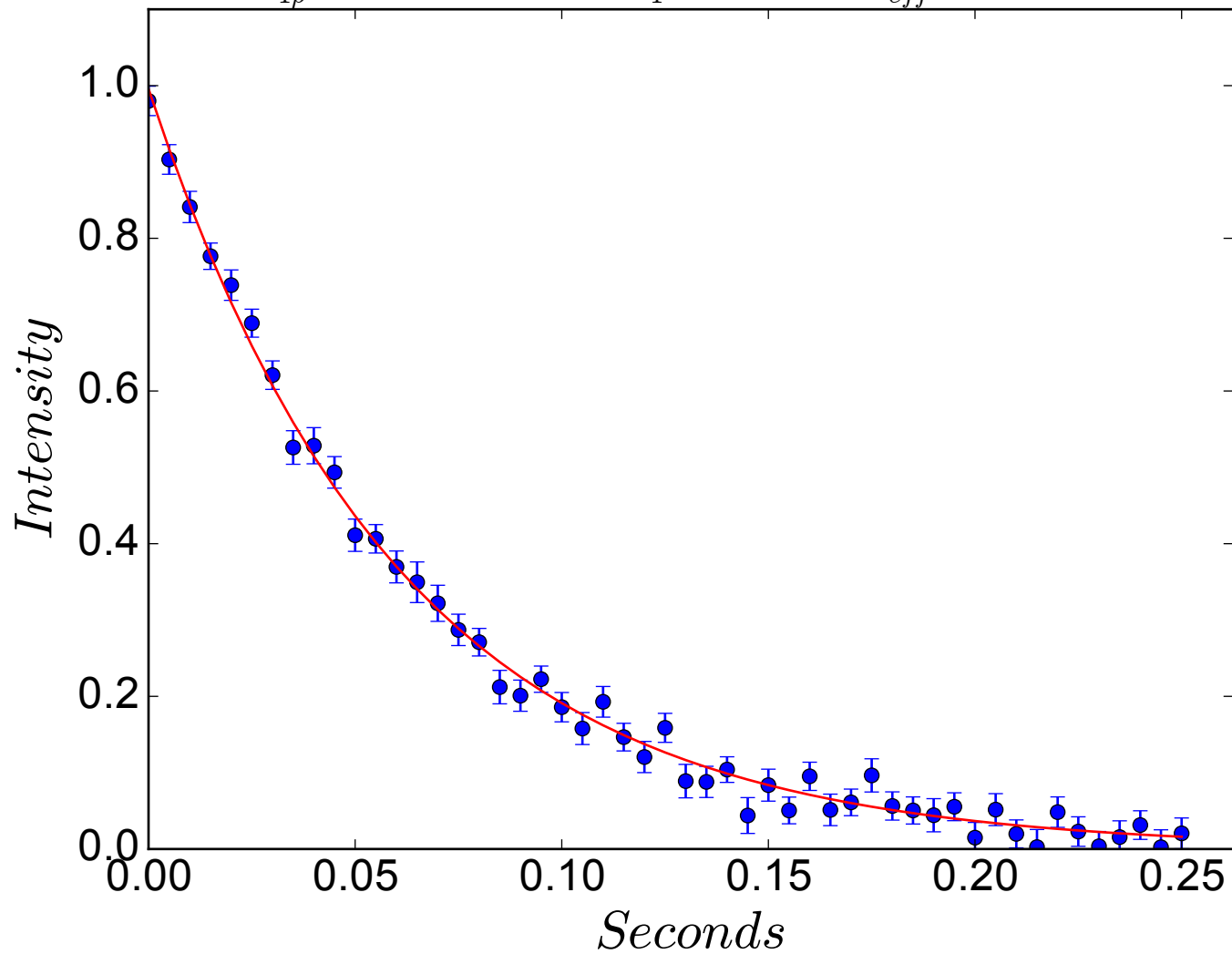


$$R_{1\rho} = 16.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -467 \text{ Hz}$$

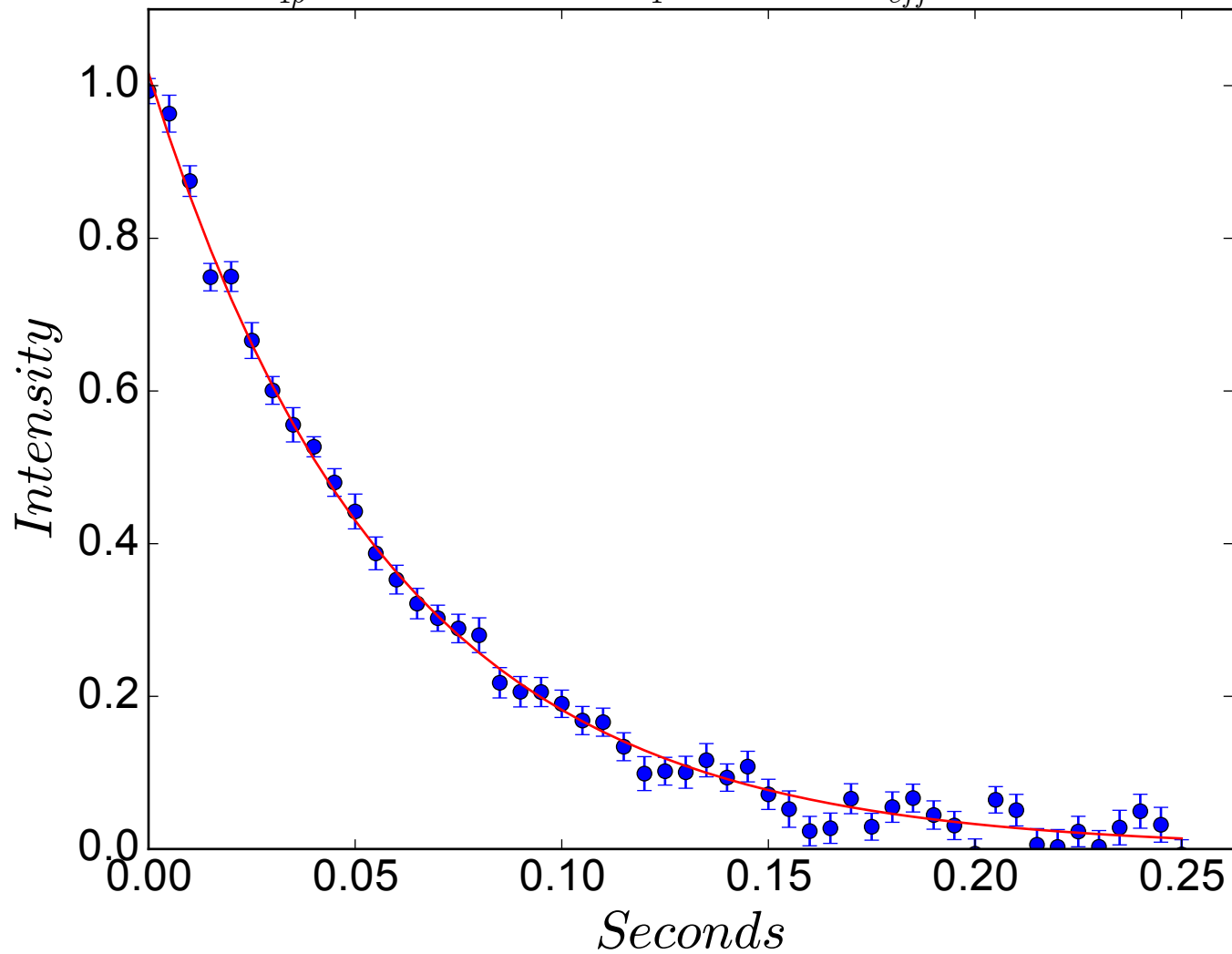




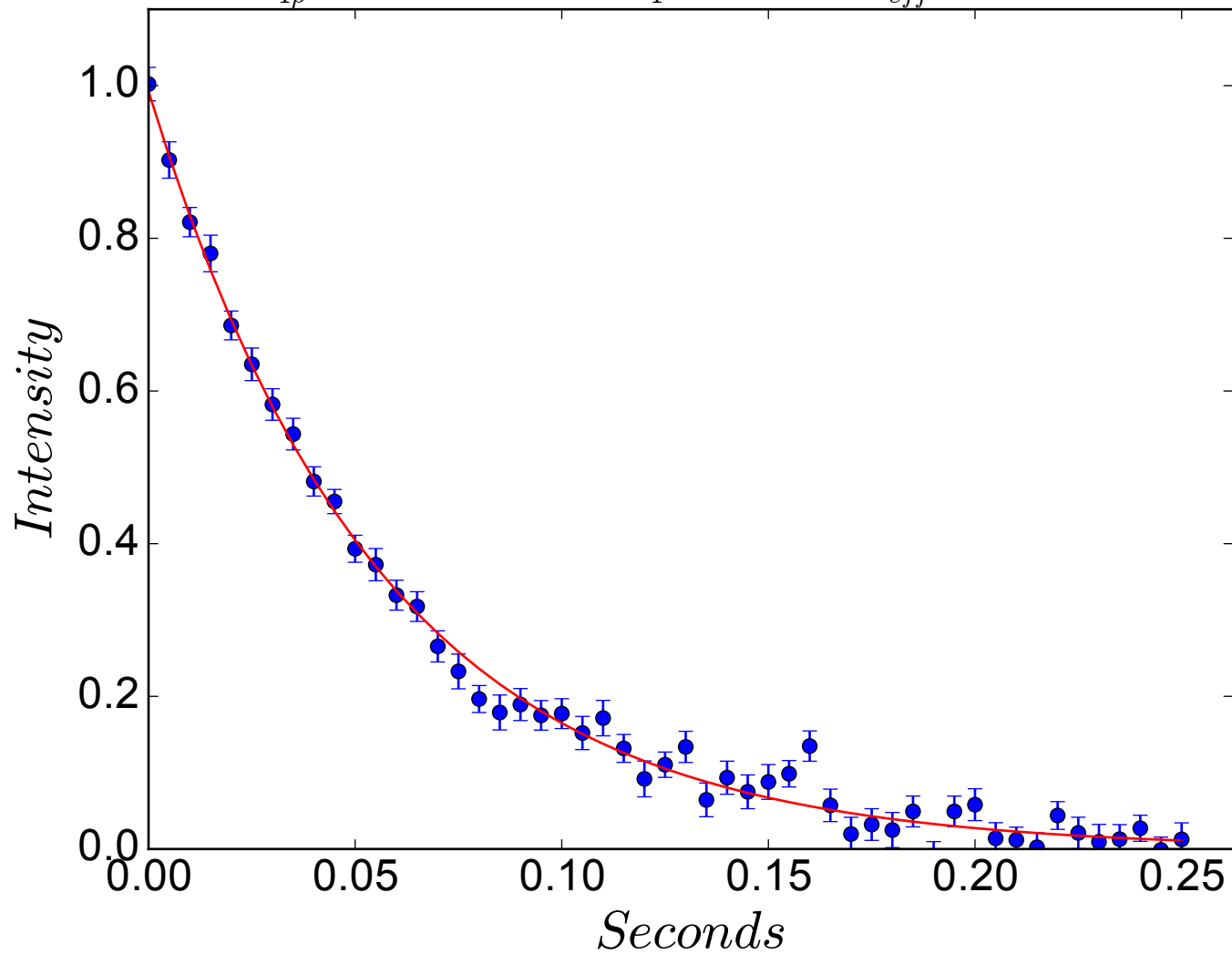
$$R_{1\rho} = 16.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -457 \text{ Hz}$$



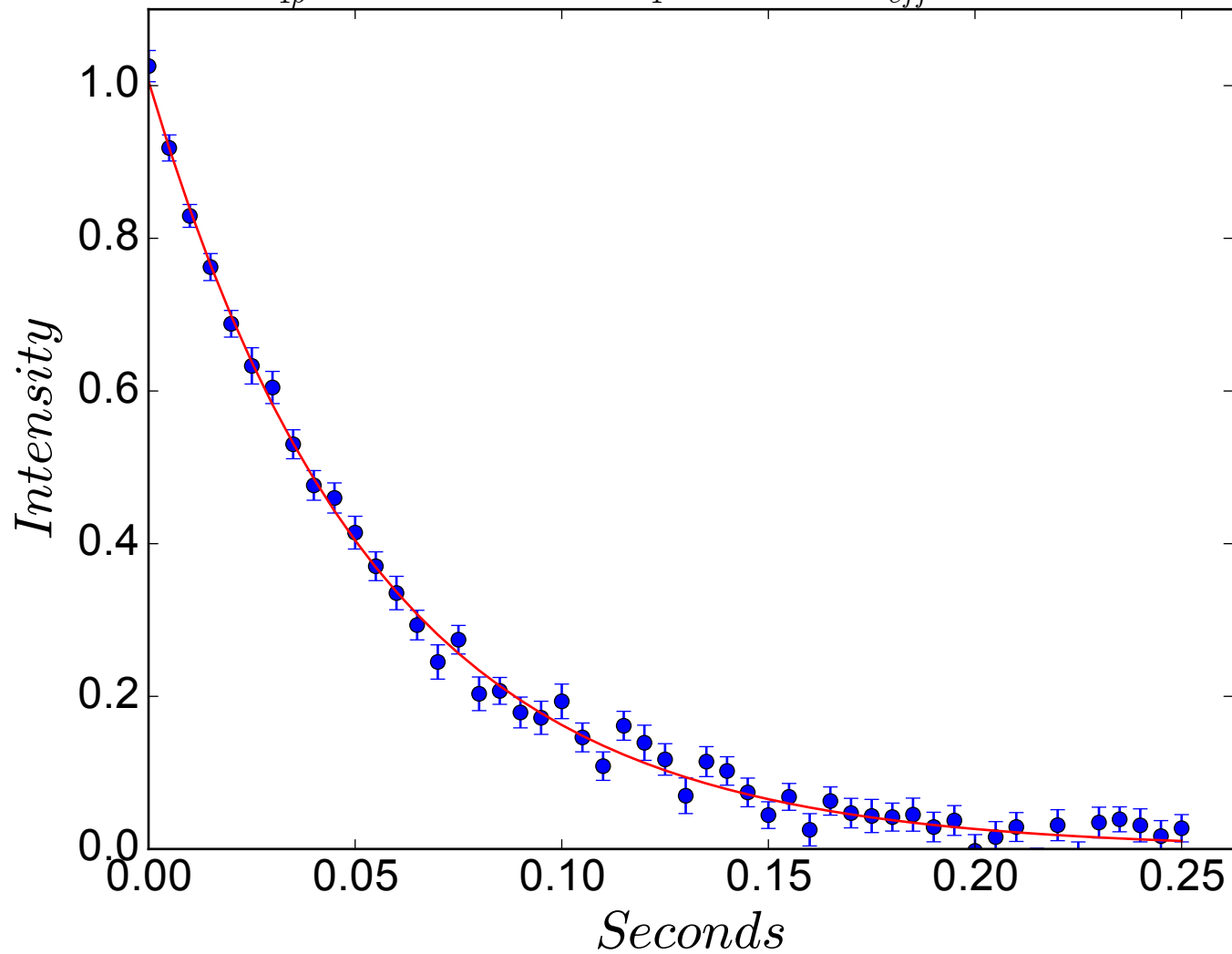
$$R_{1\rho} = 17.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -447 \text{ Hz}$$



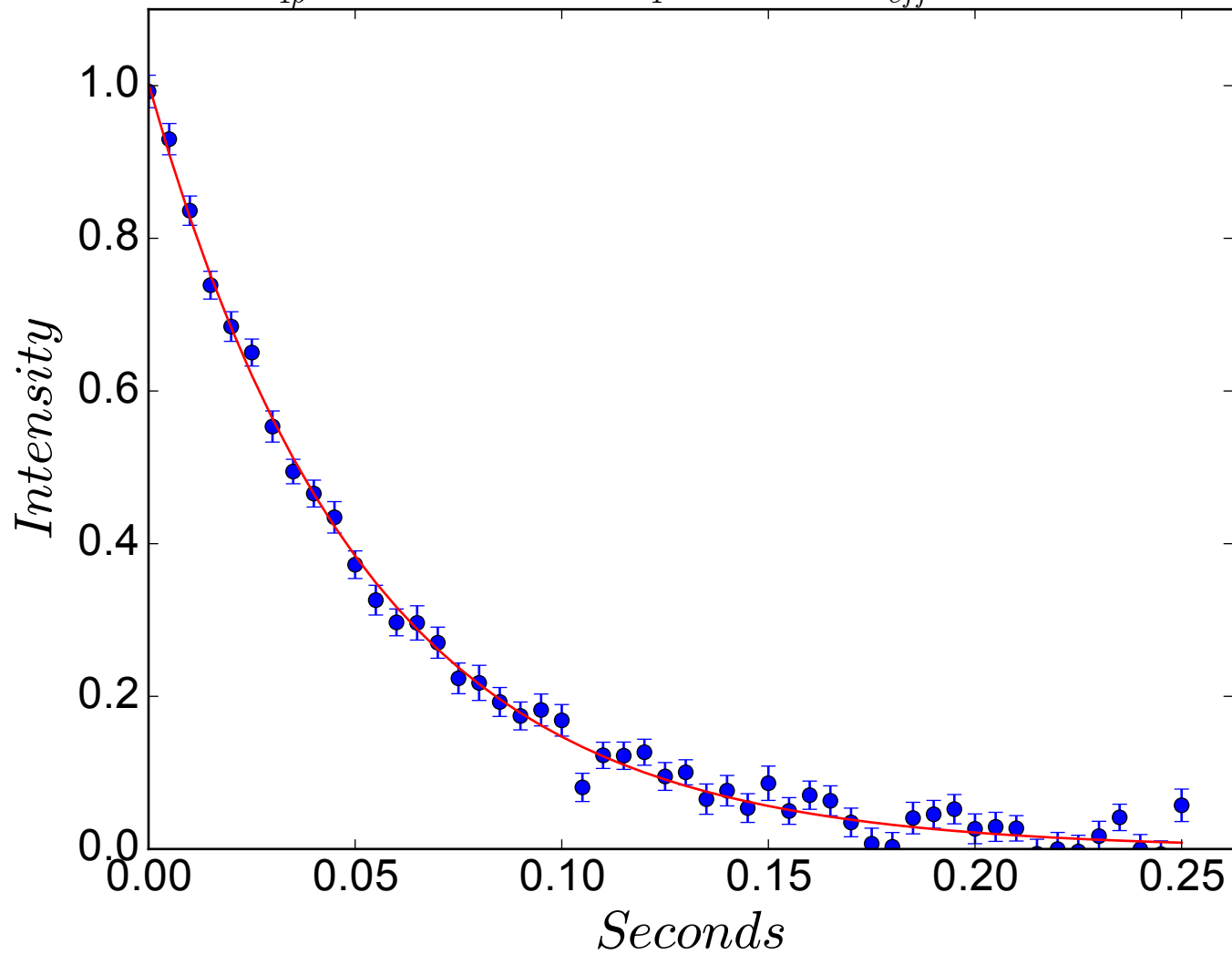
$$R_{1\rho} = 17.9 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -437 \text{ Hz}$$



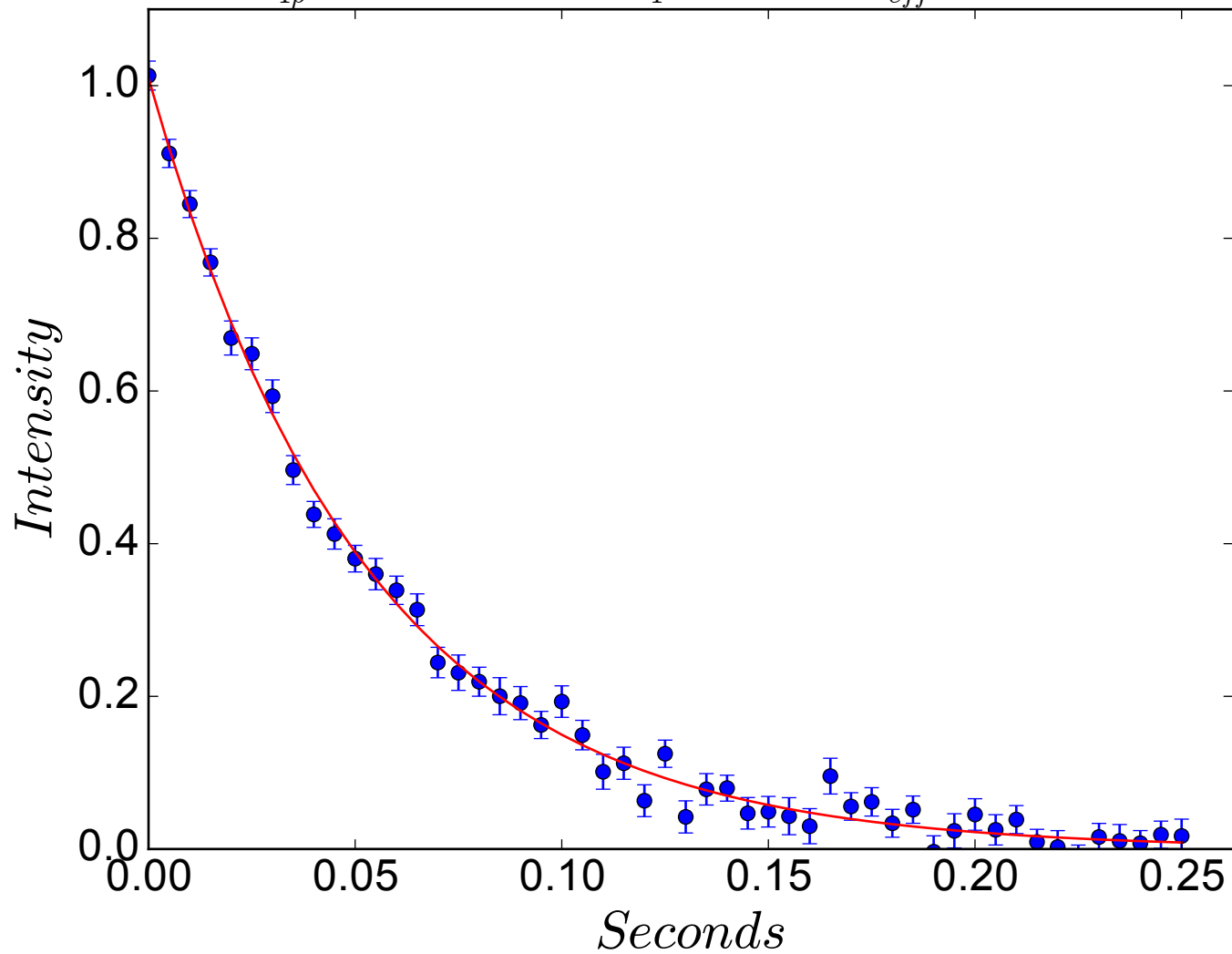
$$R_{1\rho} = 18.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -427 \text{ Hz}$$



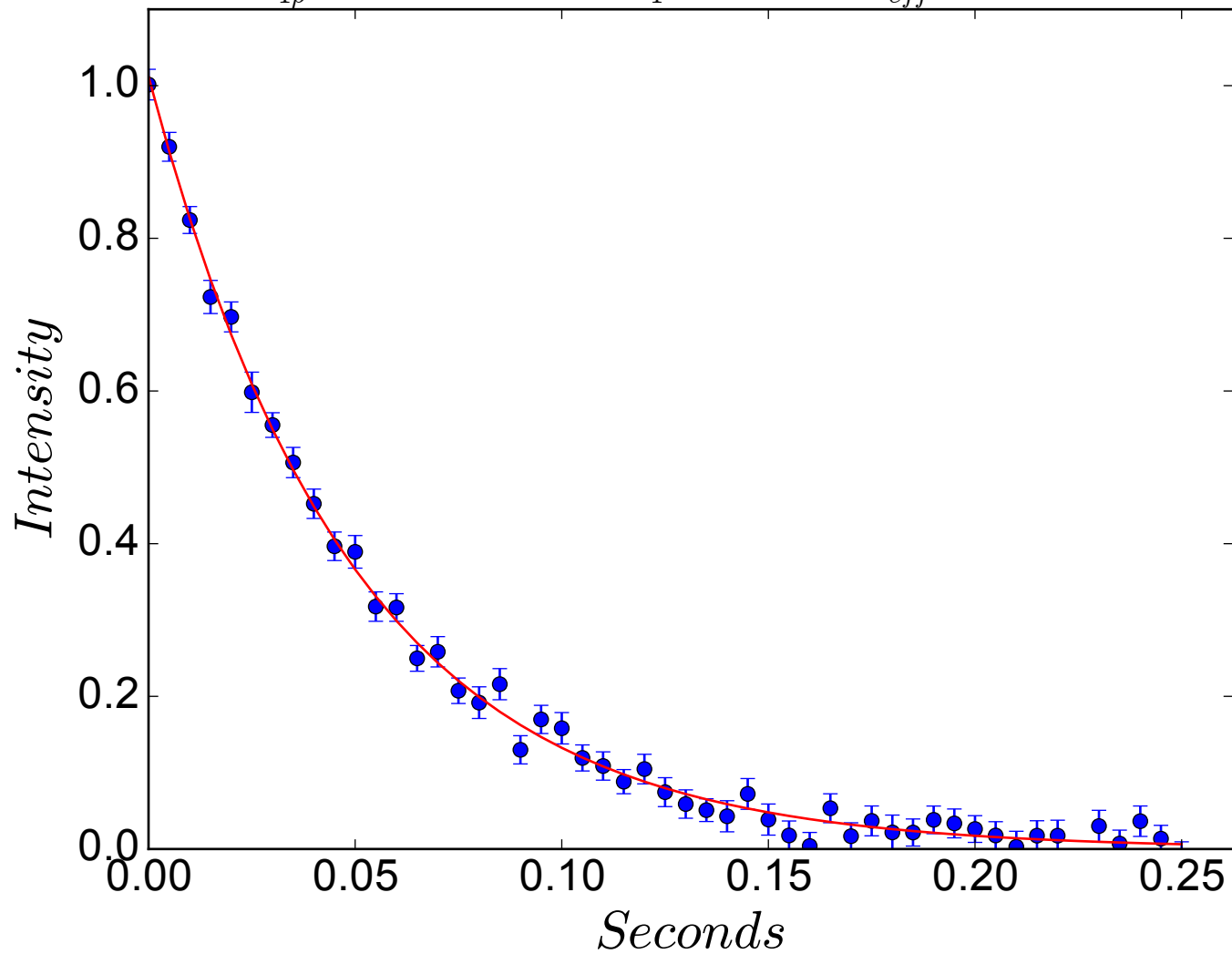
$$R_{1\rho} = 19.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -417 \text{ Hz}$$



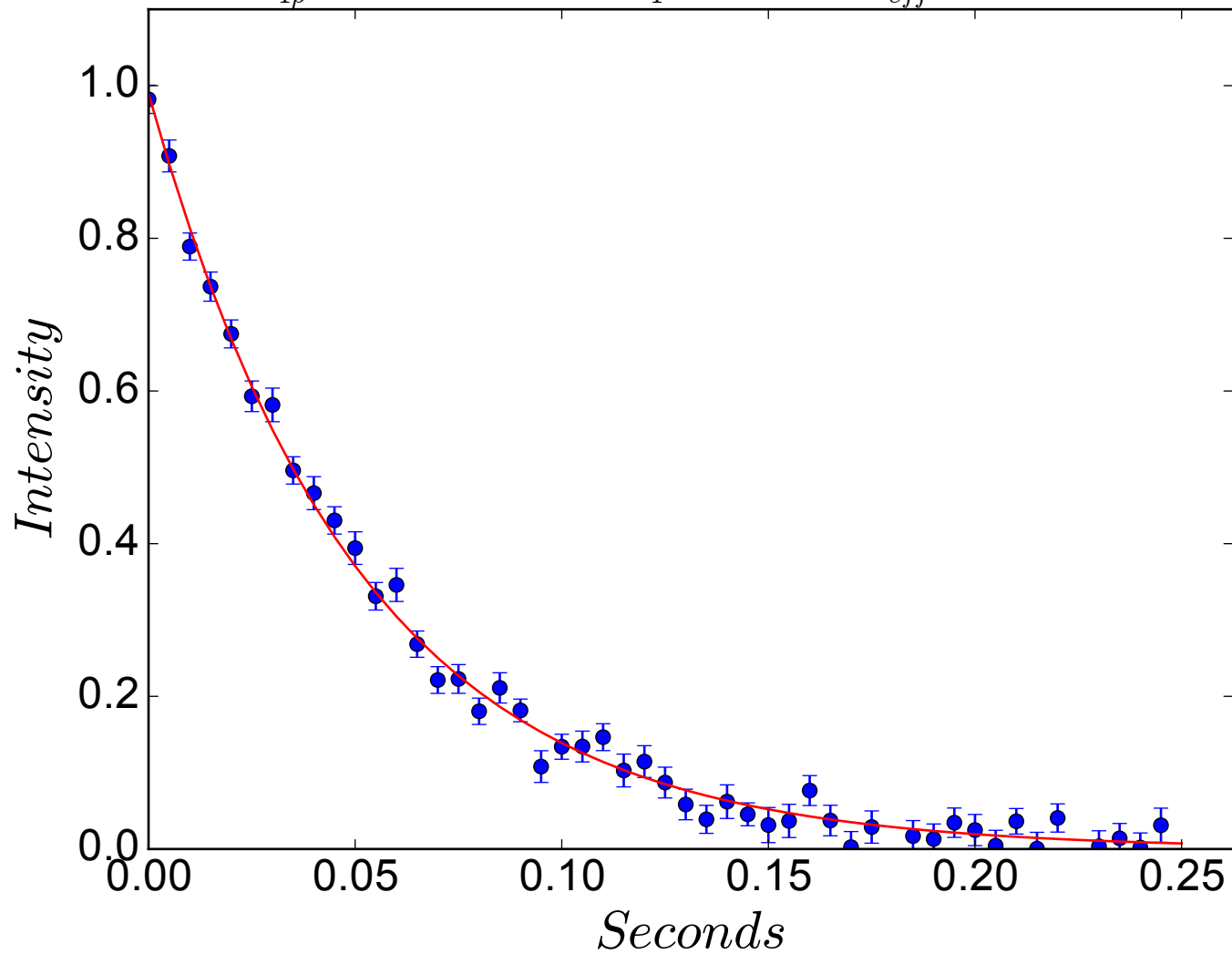
$$R_{1\rho} = 19.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -407 \text{ Hz}$$



$$R_{1\rho} = 20.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -397 \text{ Hz}$$

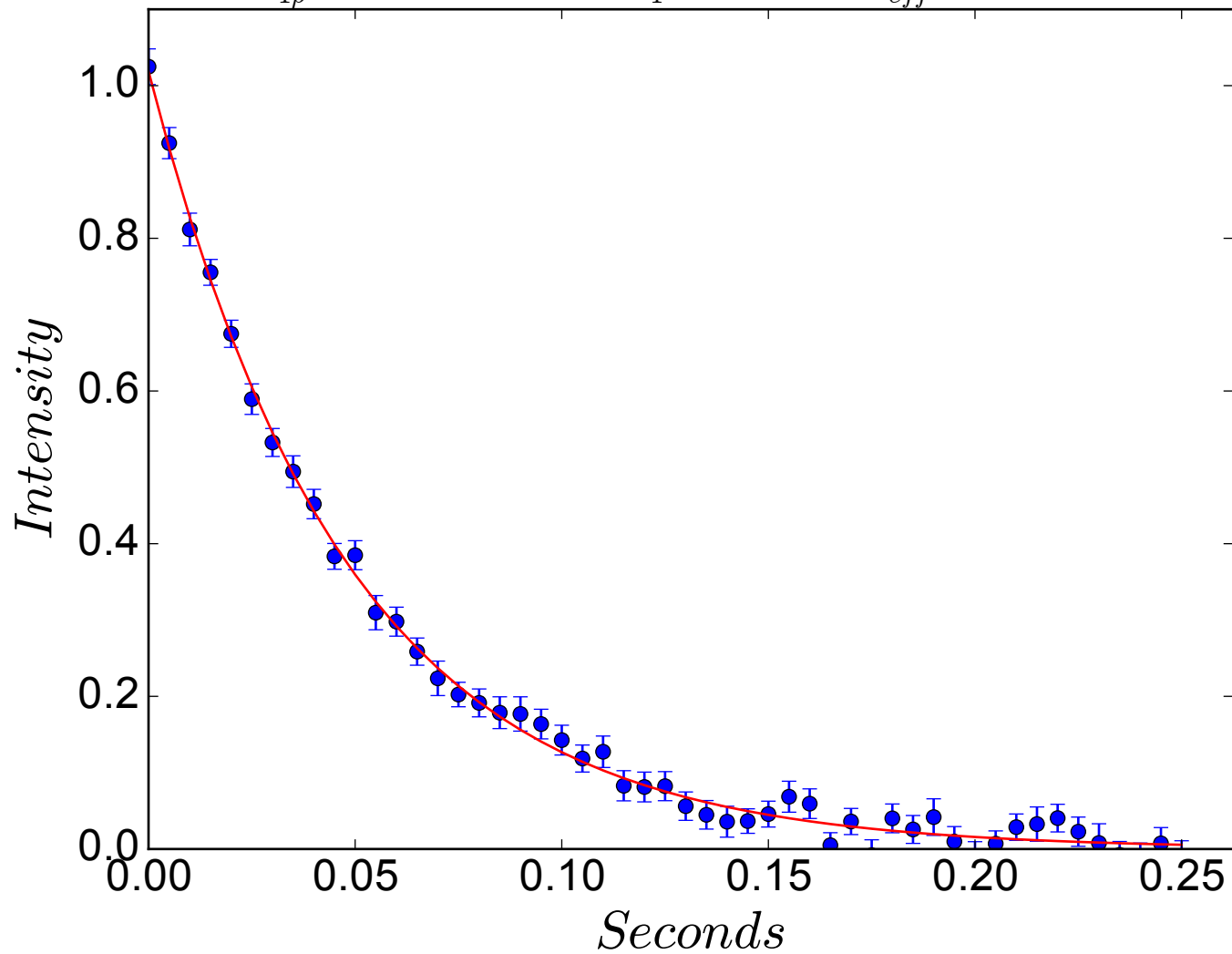


$$R_{1\rho} = 19.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -387 \text{ Hz}$$

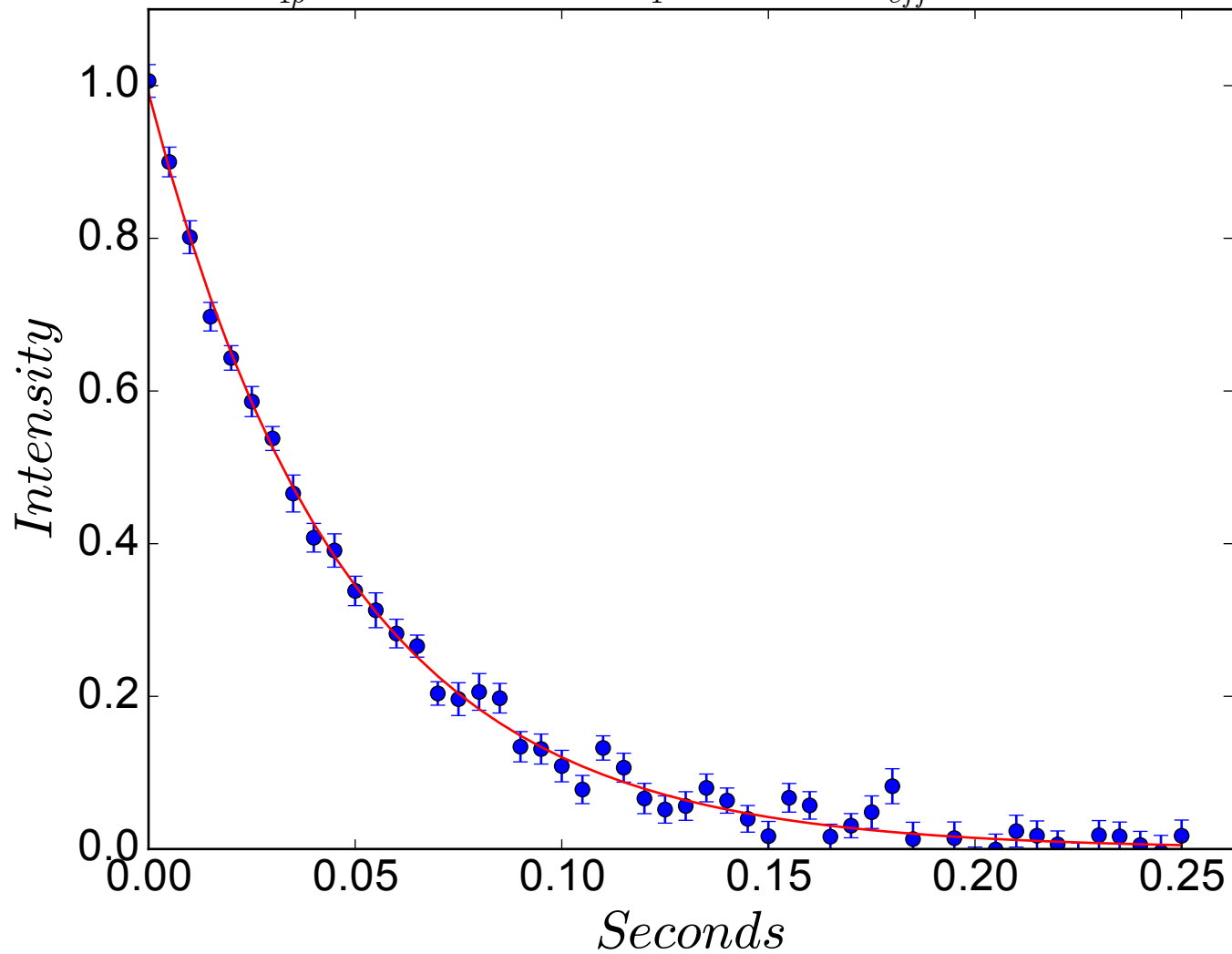




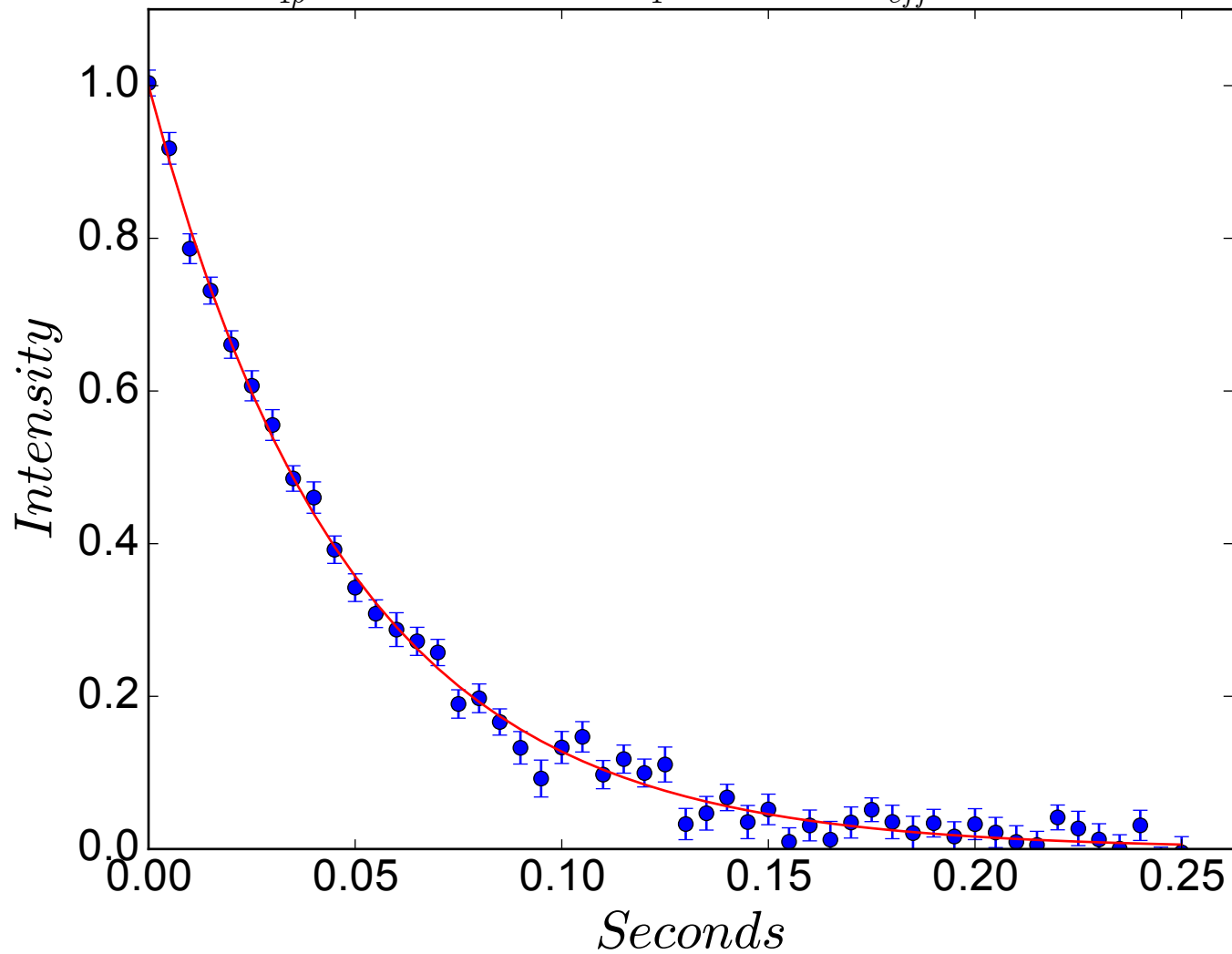
$$R_{1\rho} = 20.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -377 \text{ Hz}$$



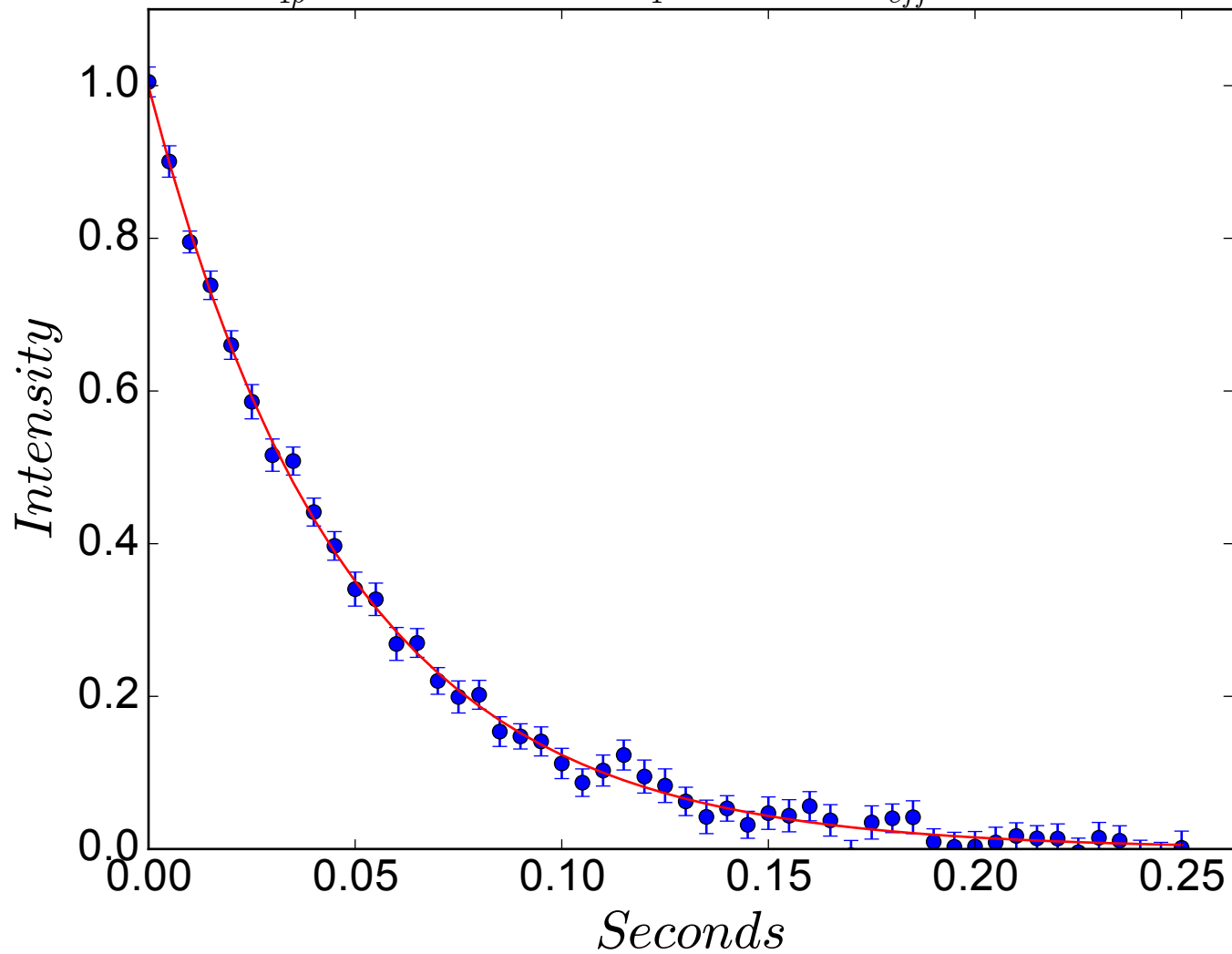
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -367 \text{ Hz}$$



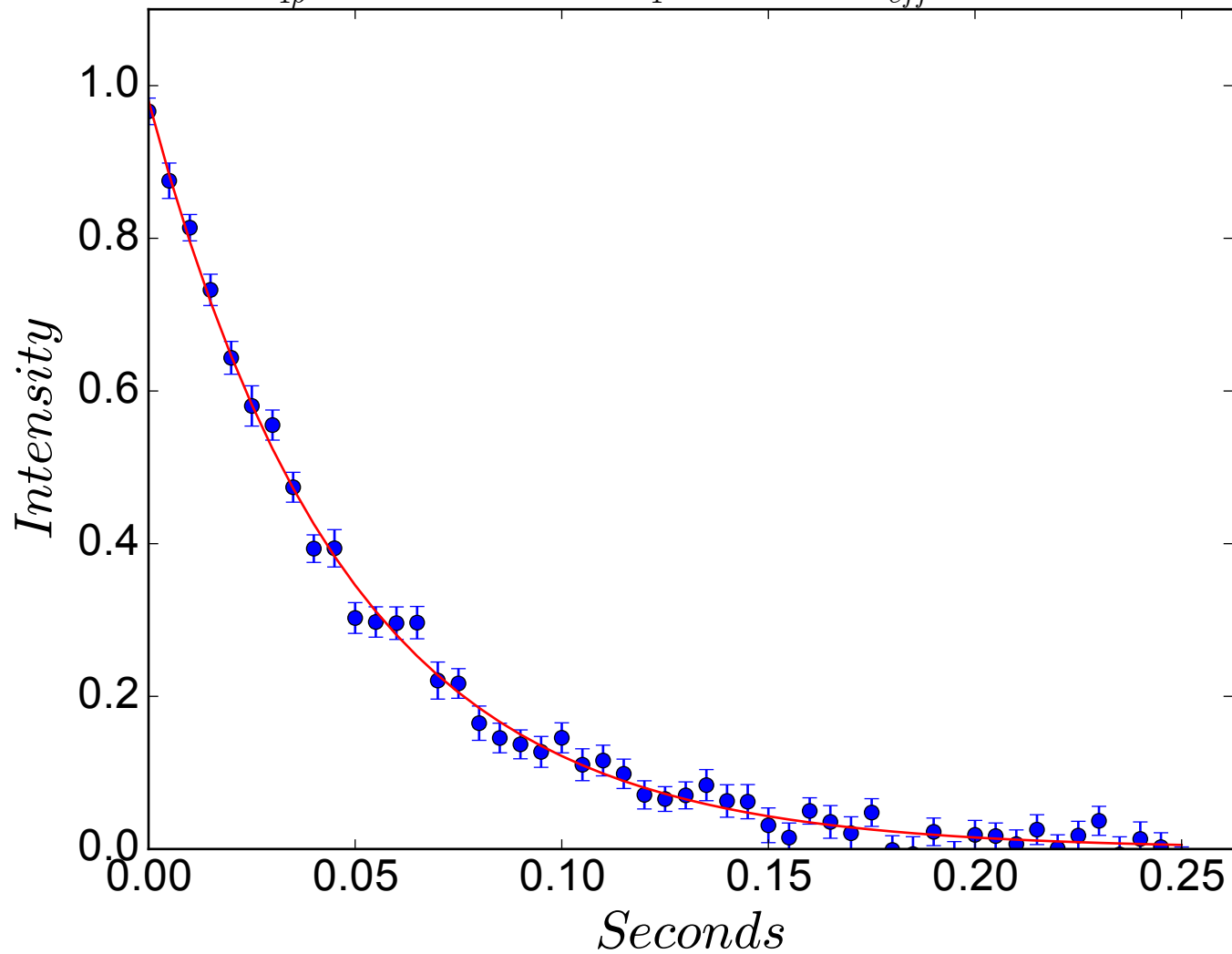
$$R_{1\rho} = 20.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -357 \text{ Hz}$$



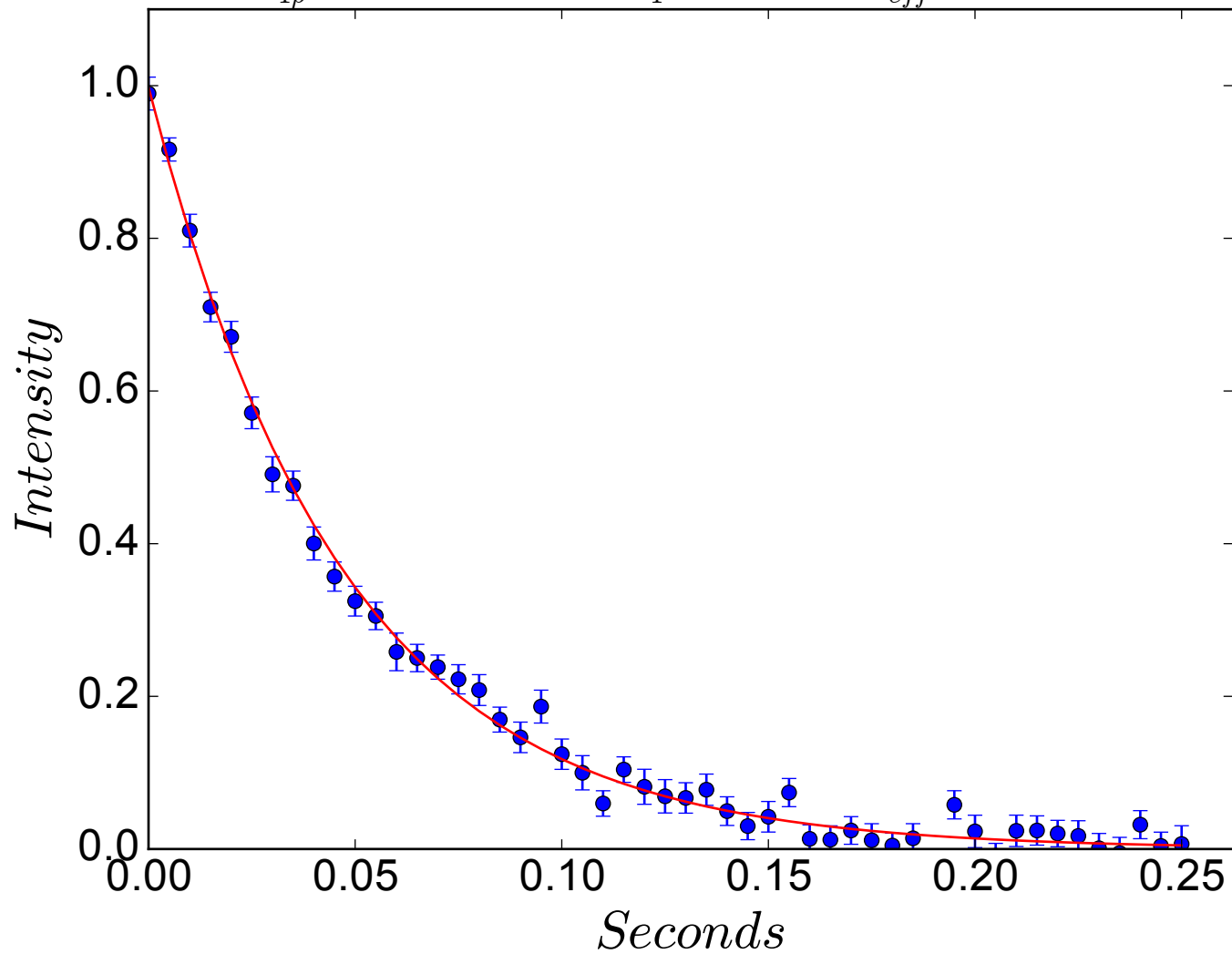
$$R_{1\rho} = 20.9 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -347 \text{ Hz}$$



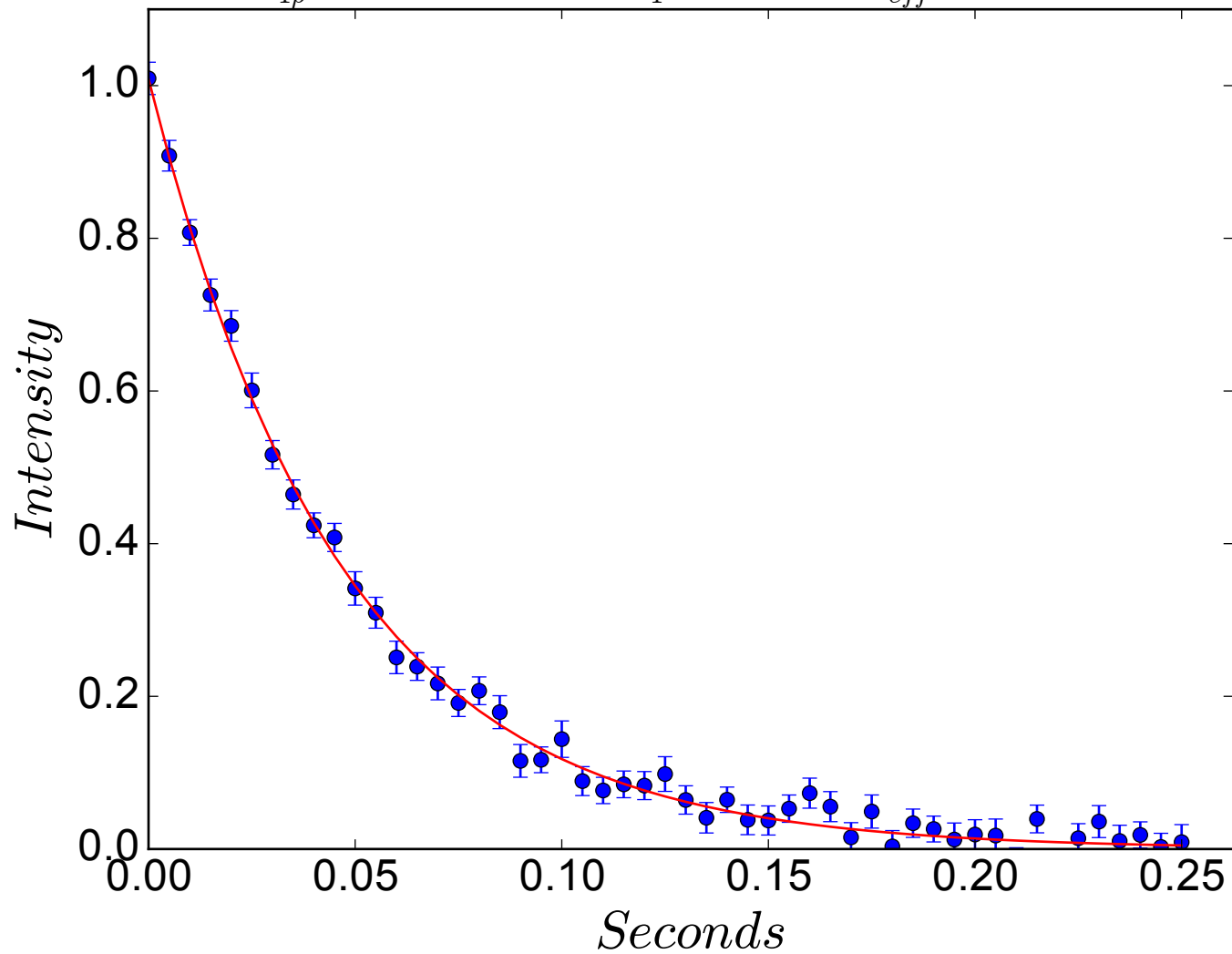
$$R_{1\rho} = 20.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -337 \text{ Hz}$$



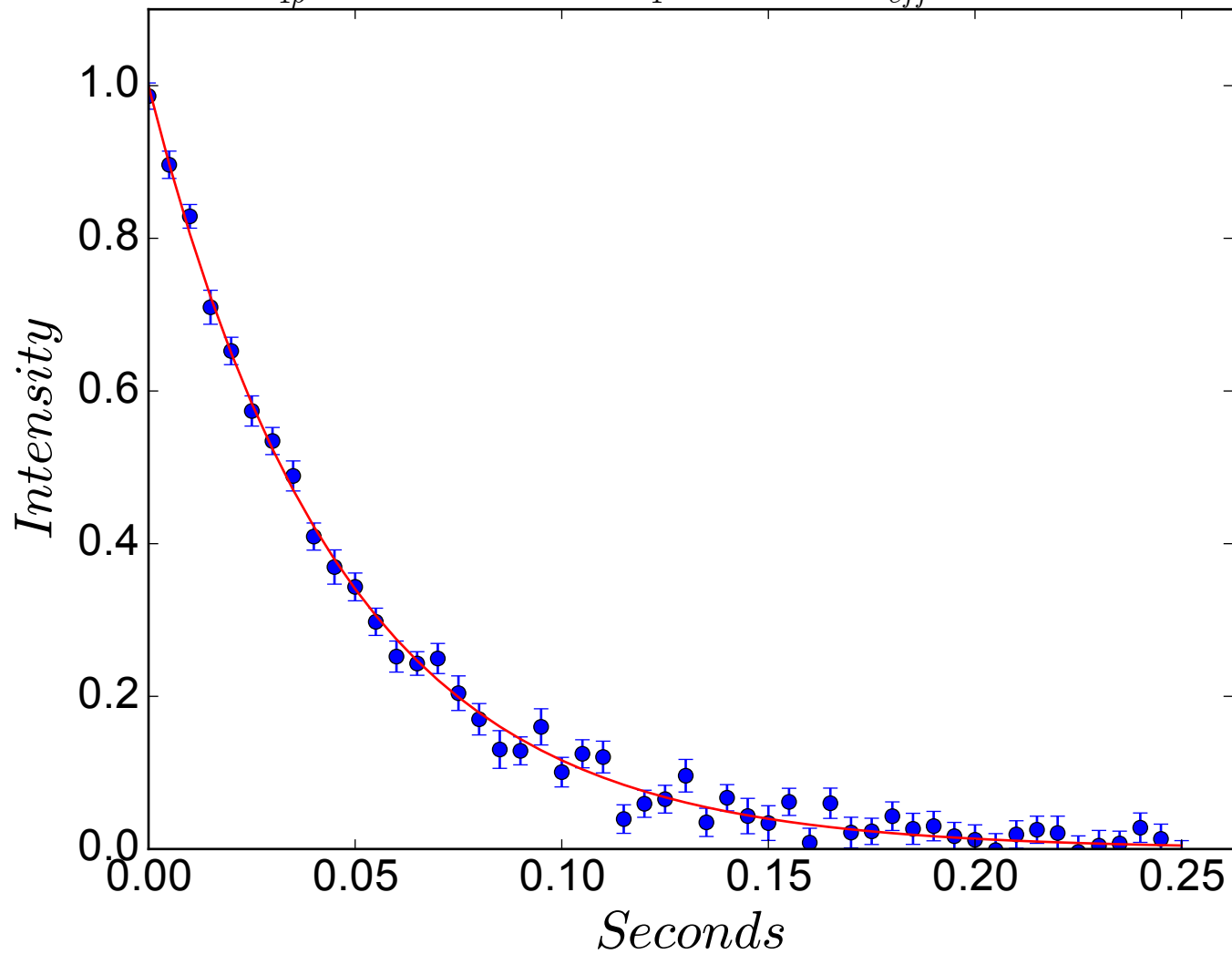
$$R_{1\rho} = 21.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -327 \text{ Hz}$$



$$R_{1\rho} = 21.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -317 \text{ Hz}$$

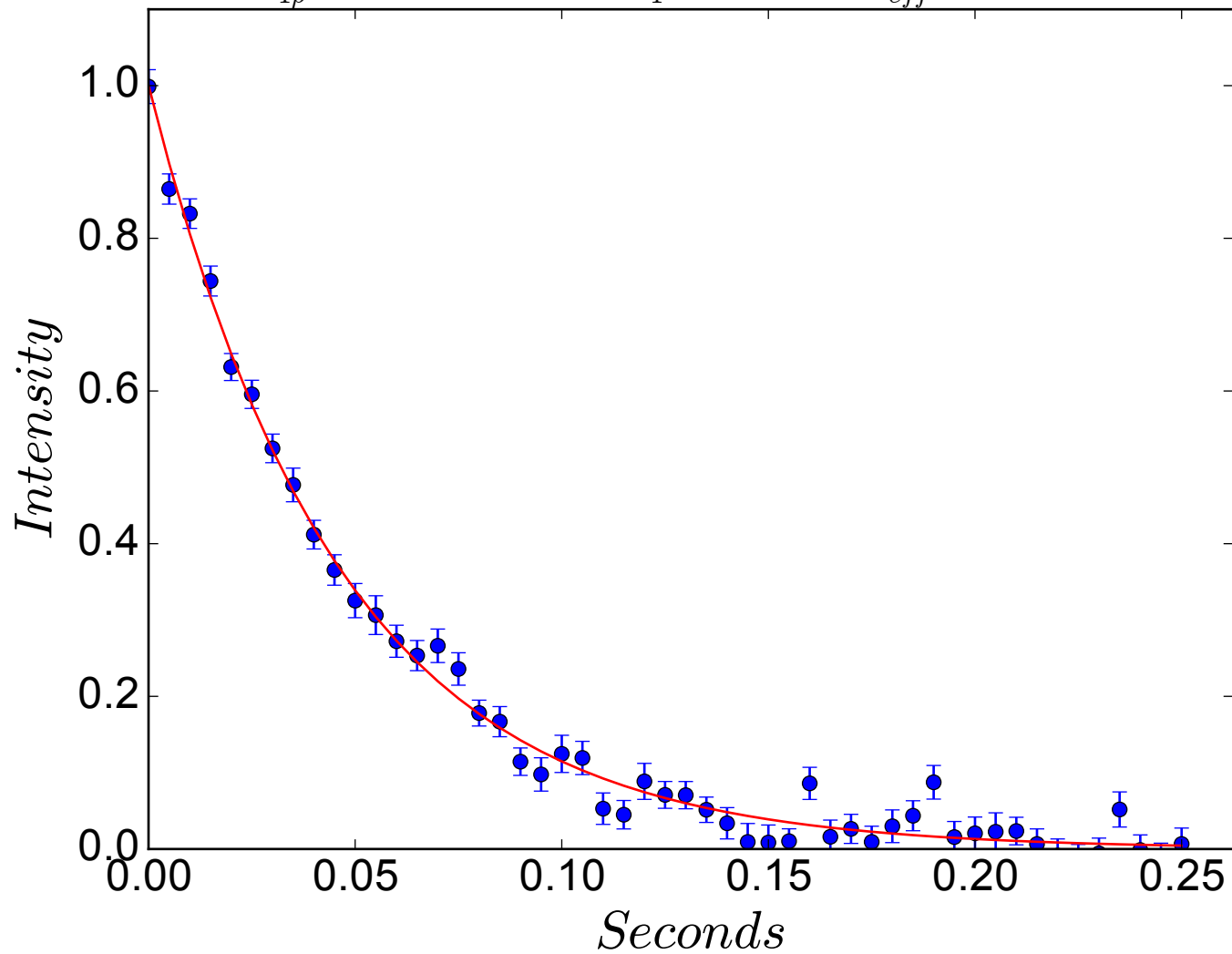


$$R_{1\rho} = 21.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -307 \text{ Hz}$$

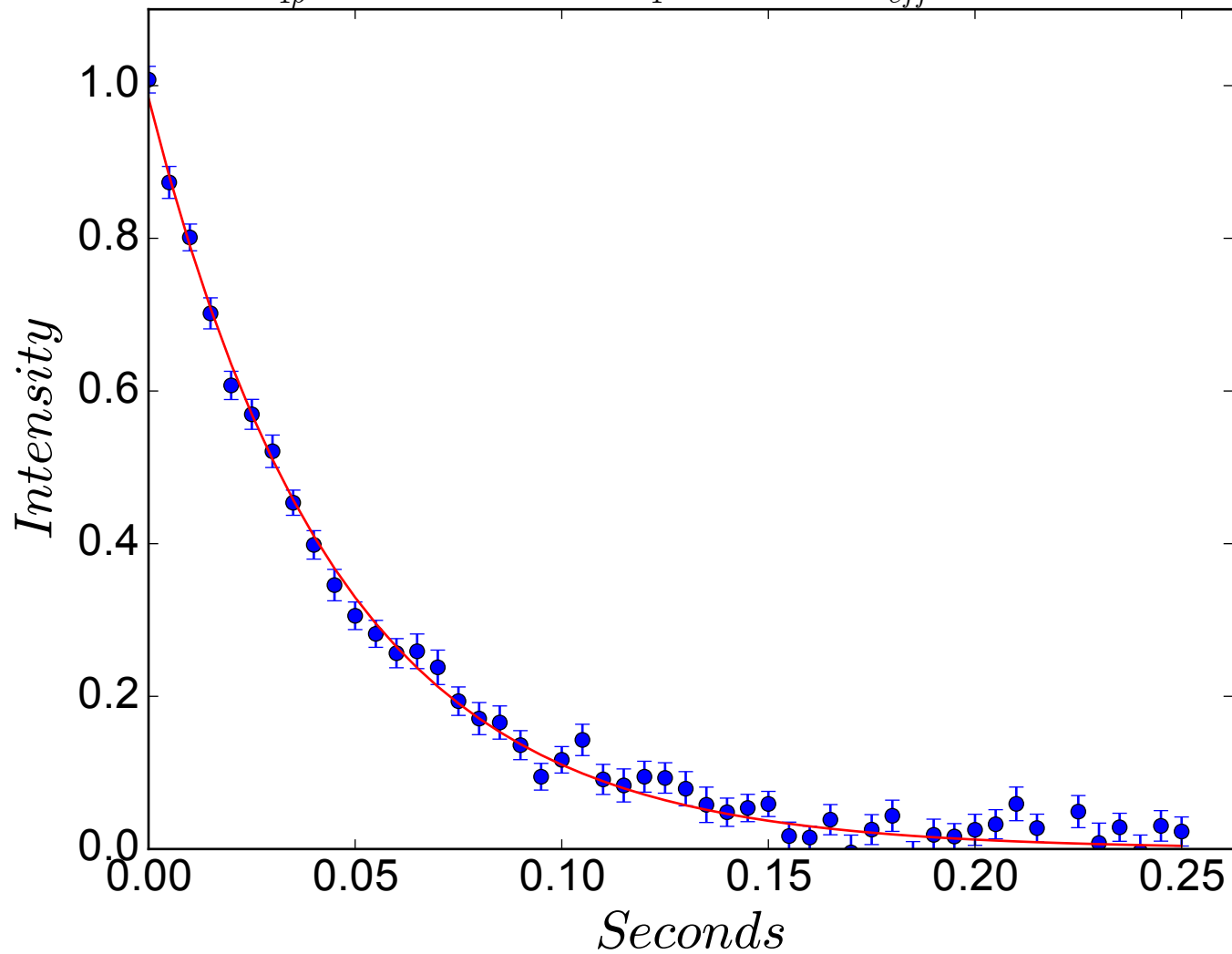




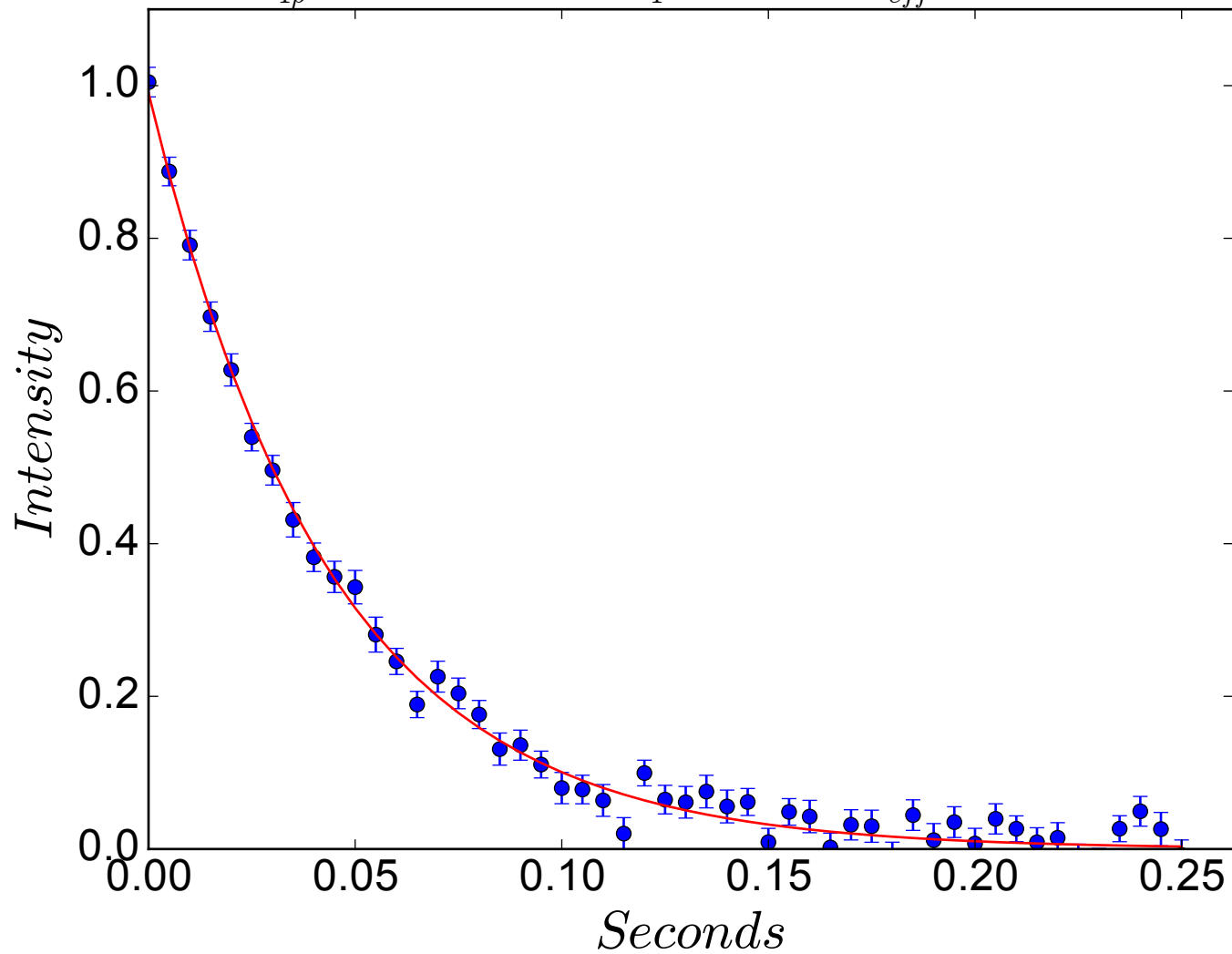
$$R_{1\rho} = 21.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -296 \text{ Hz}$$



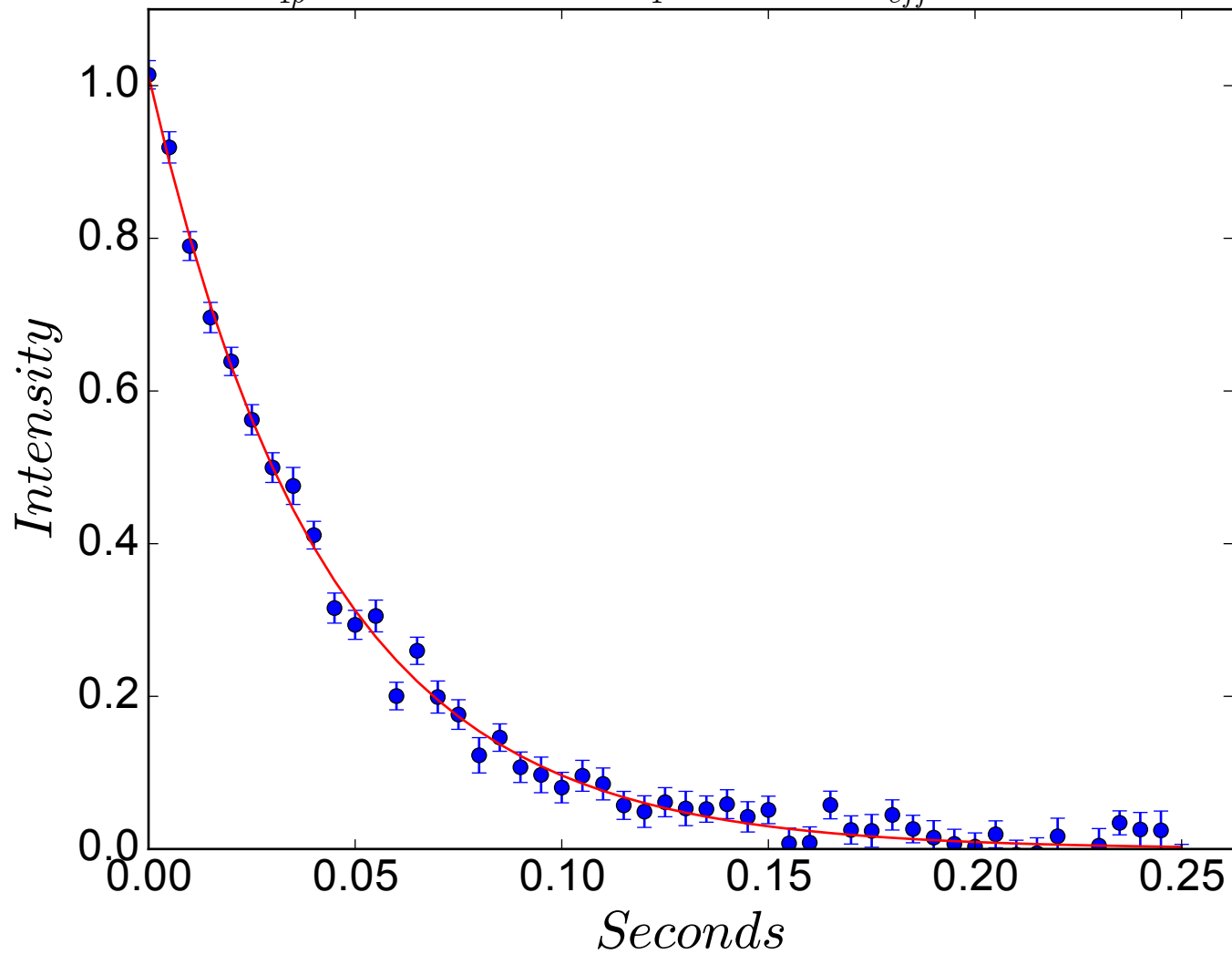
$$R_{1\rho} = 21.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -286 \text{ Hz}$$



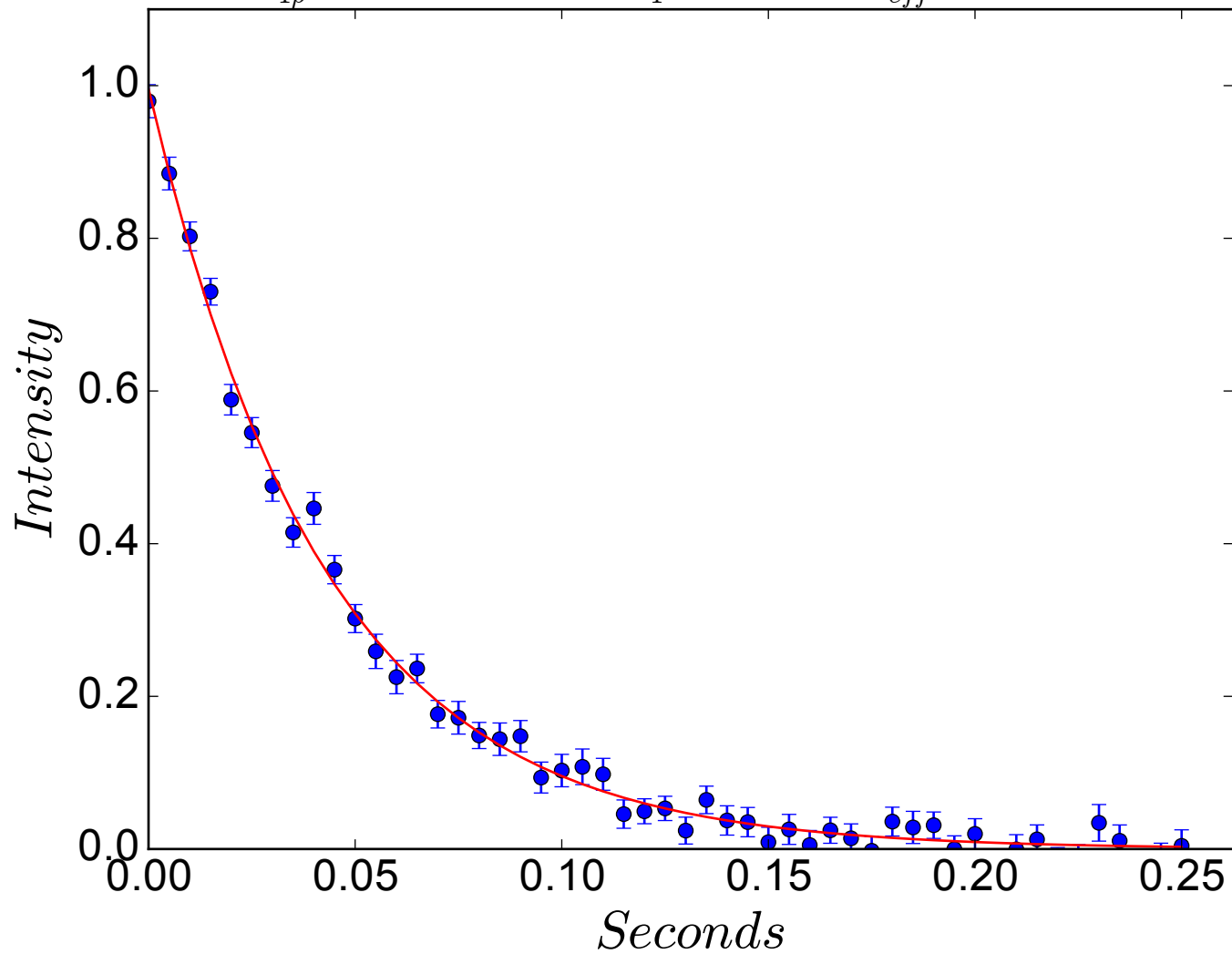
$$R_{1\rho} = 22.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -276 \text{ Hz}$$



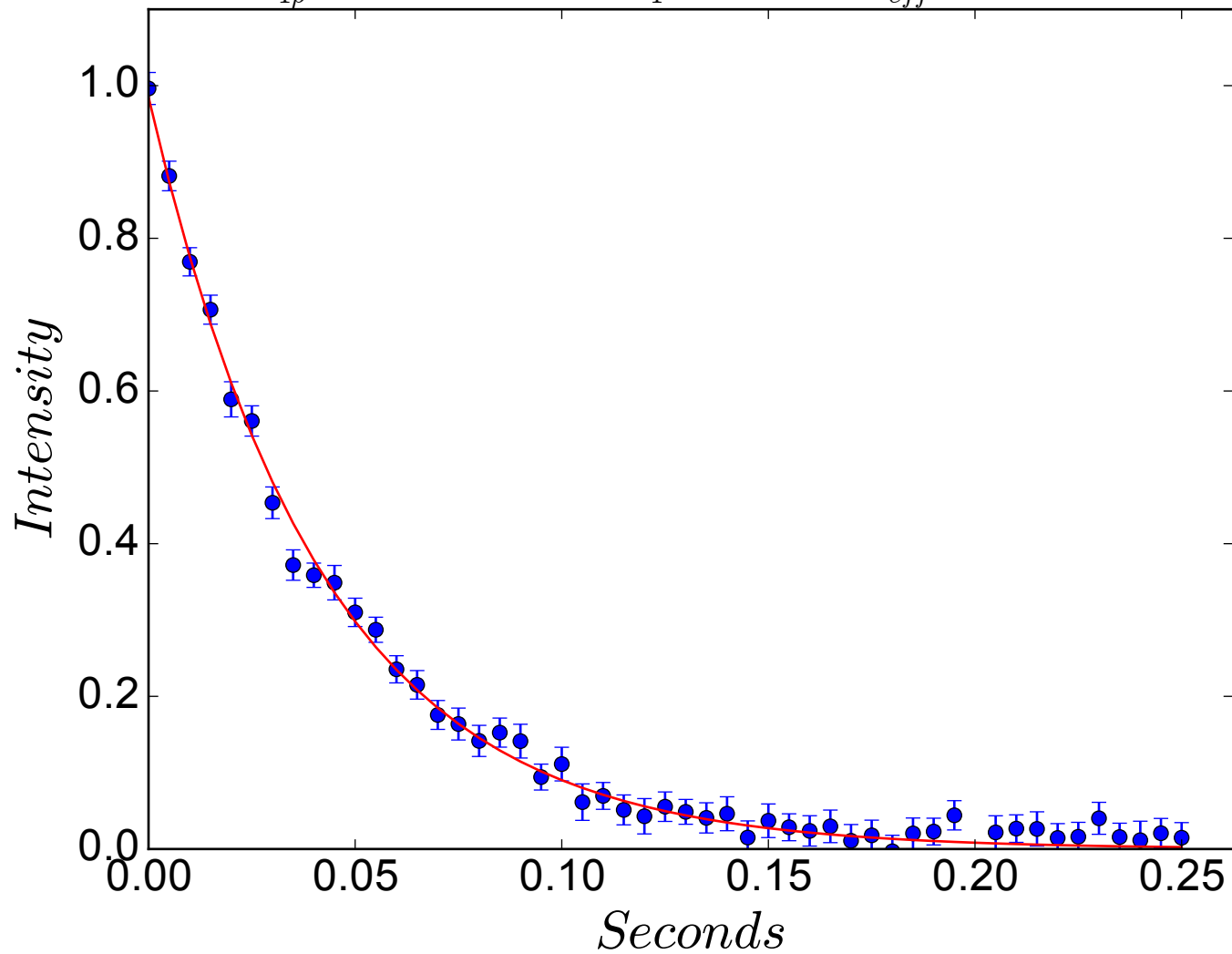
$$R_{1\rho} = 23.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -266 \text{ Hz}$$



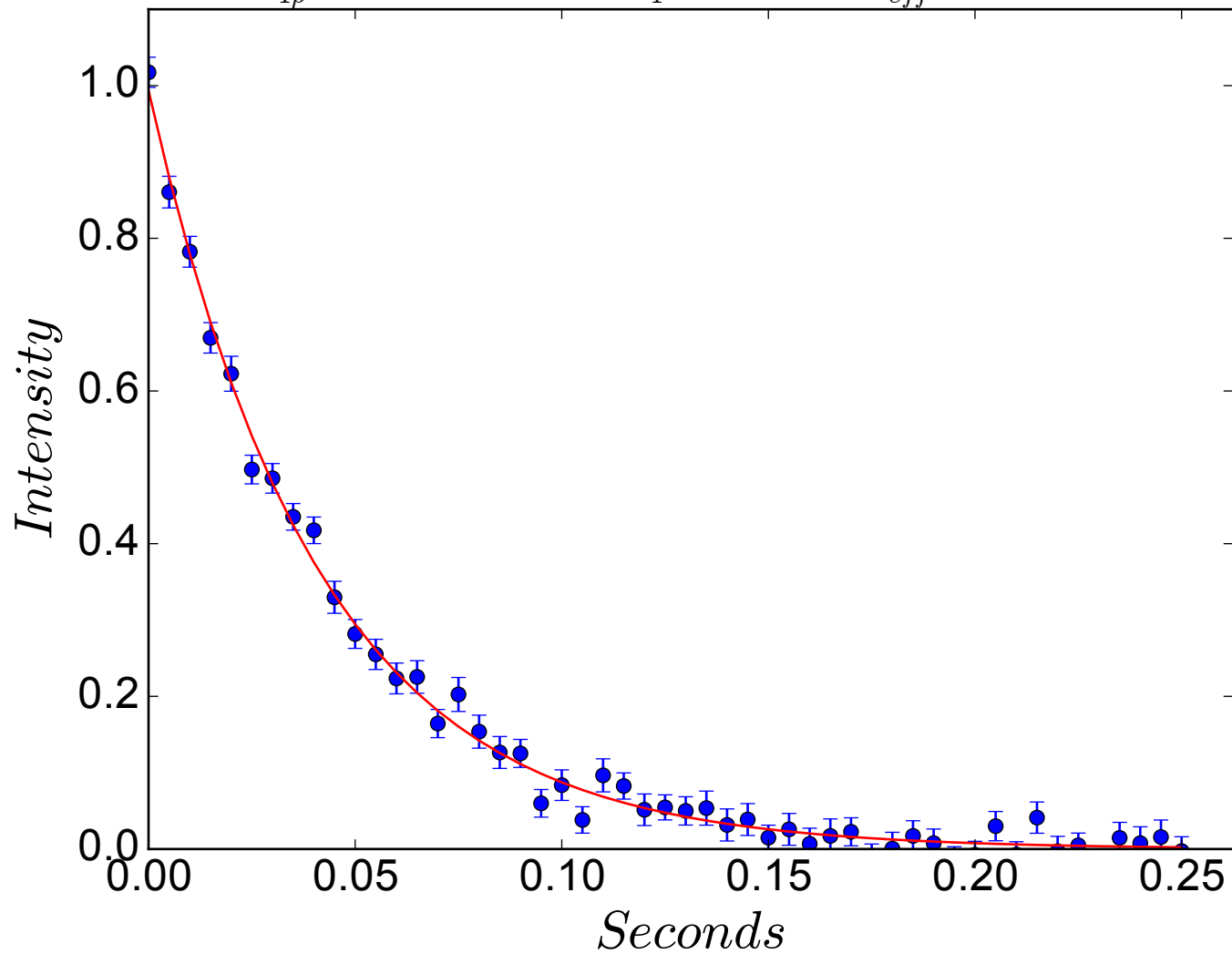
$$R_{1\rho} = 23.4 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -256 \text{ Hz}$$



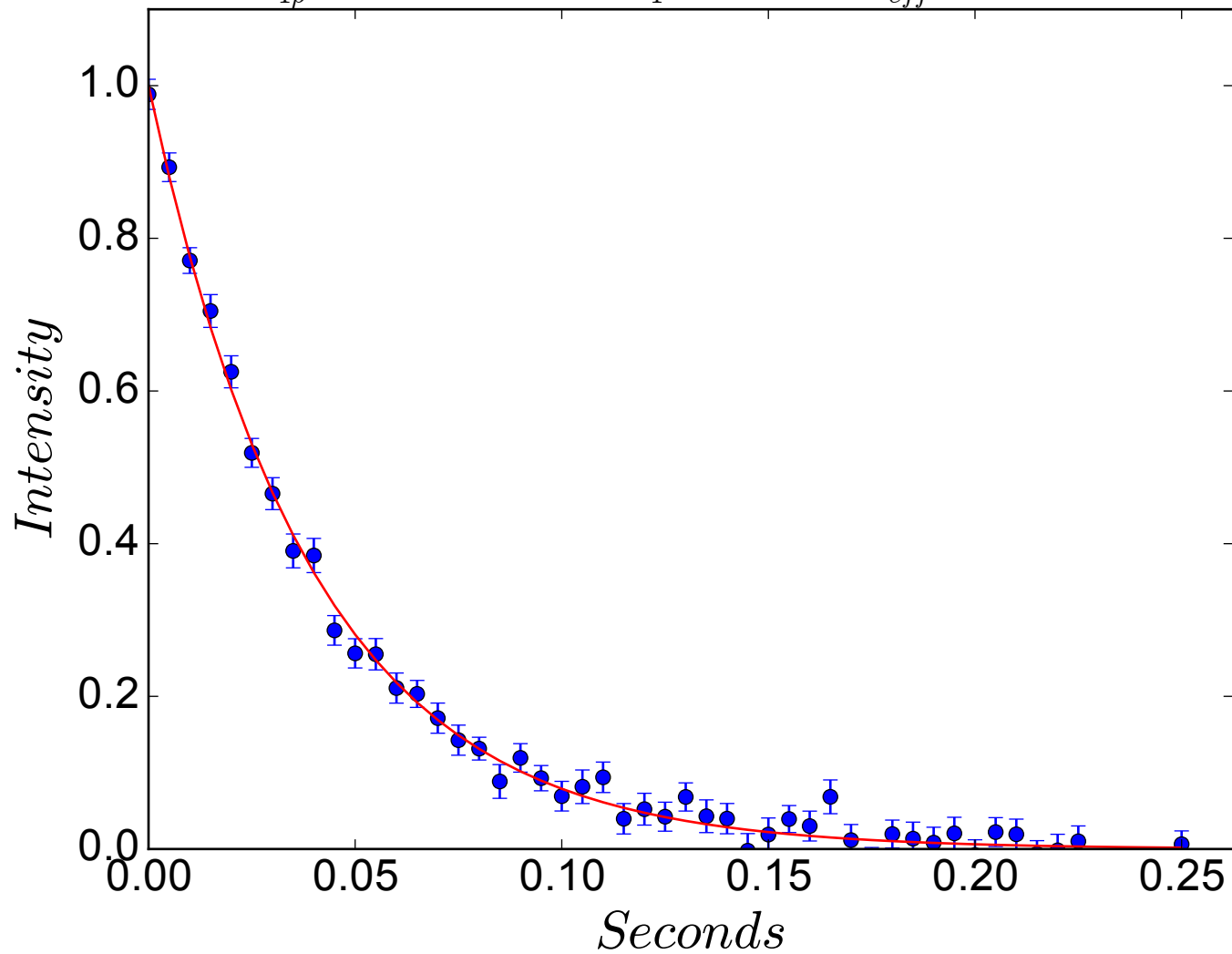
$$R_{1\rho} = 23.9 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -246 \text{ Hz}$$



$$R_{1\rho} = 24.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -236 \text{ Hz}$$

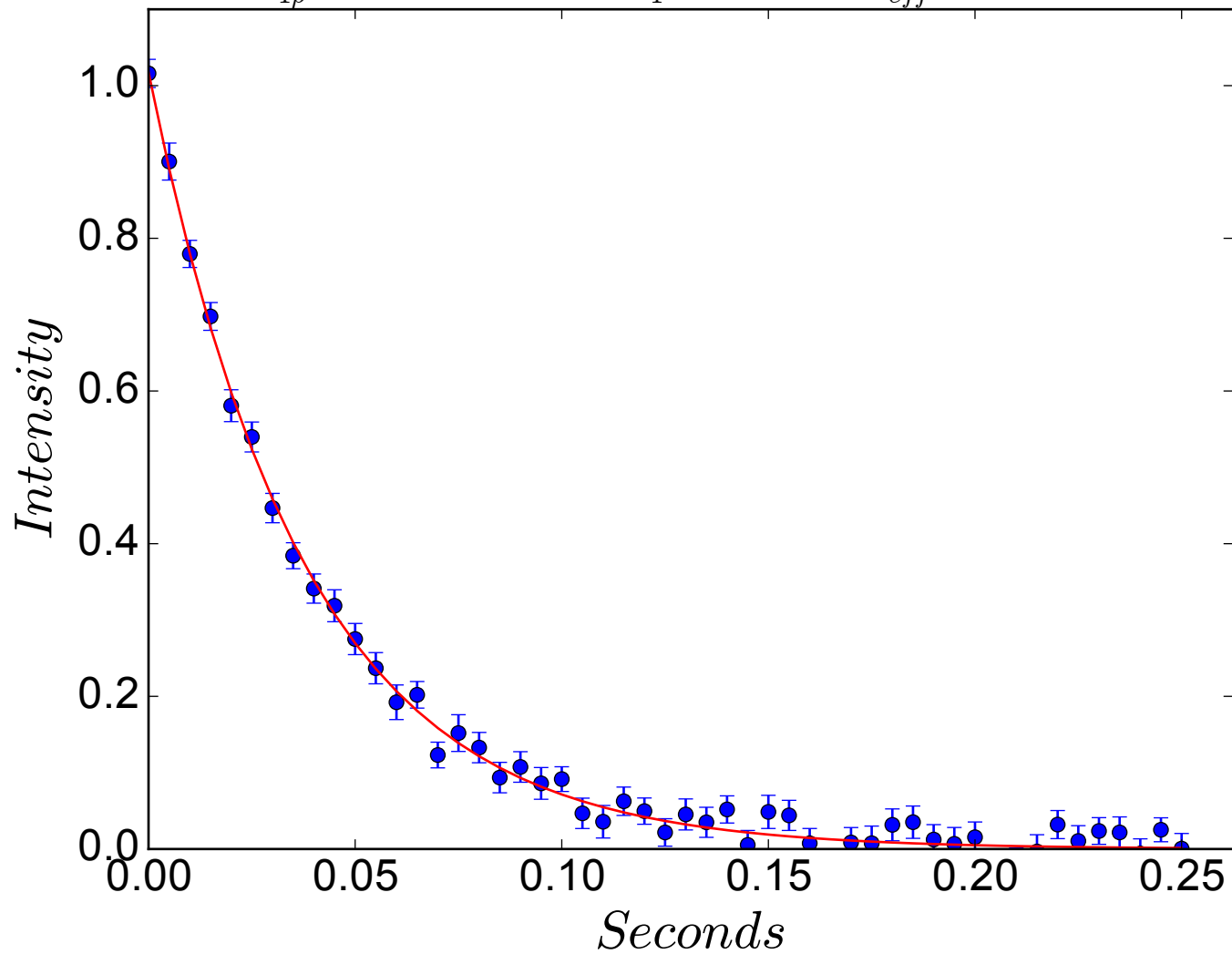


$$R_{1\rho} = 25.4 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -226 \text{ Hz}$$

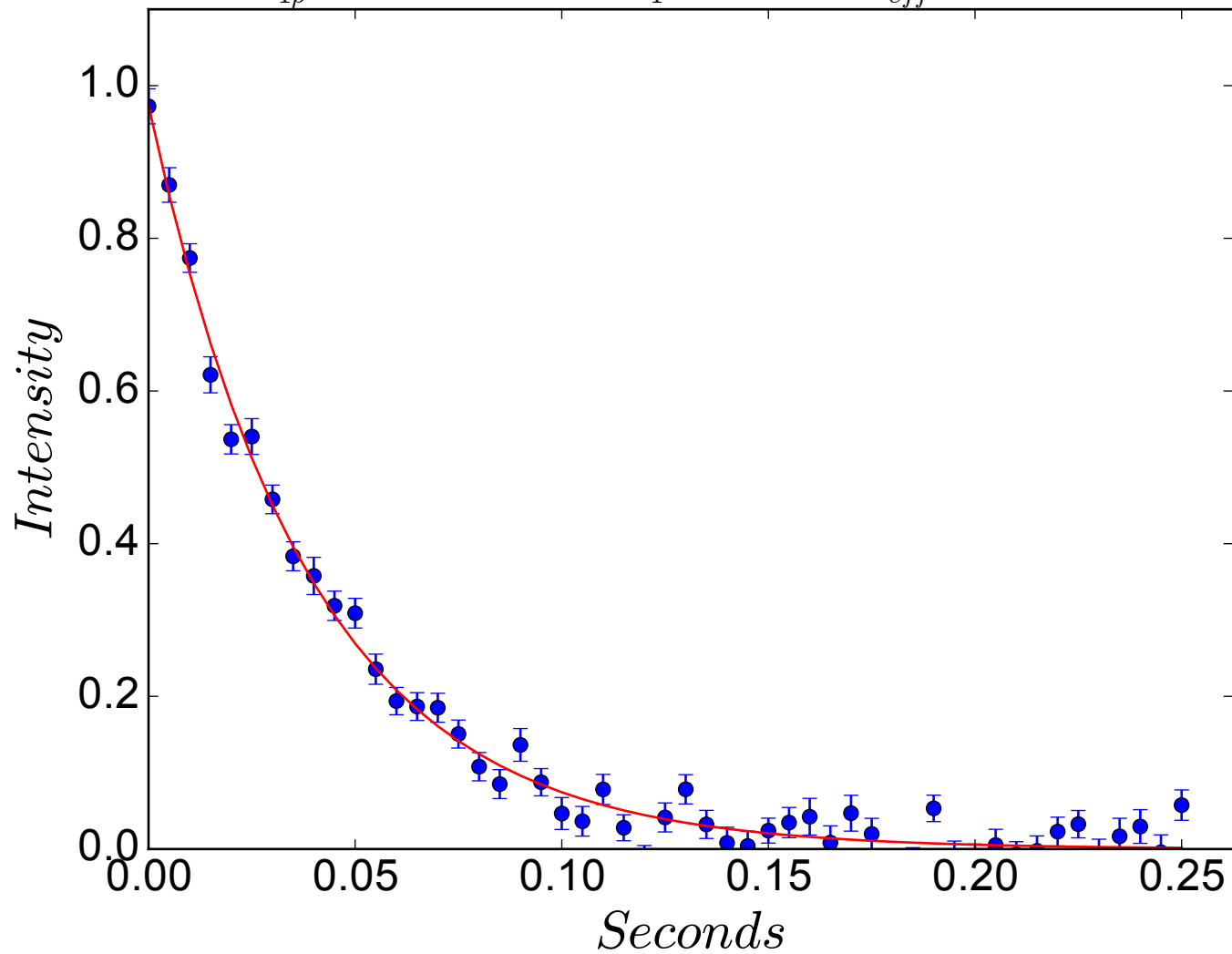




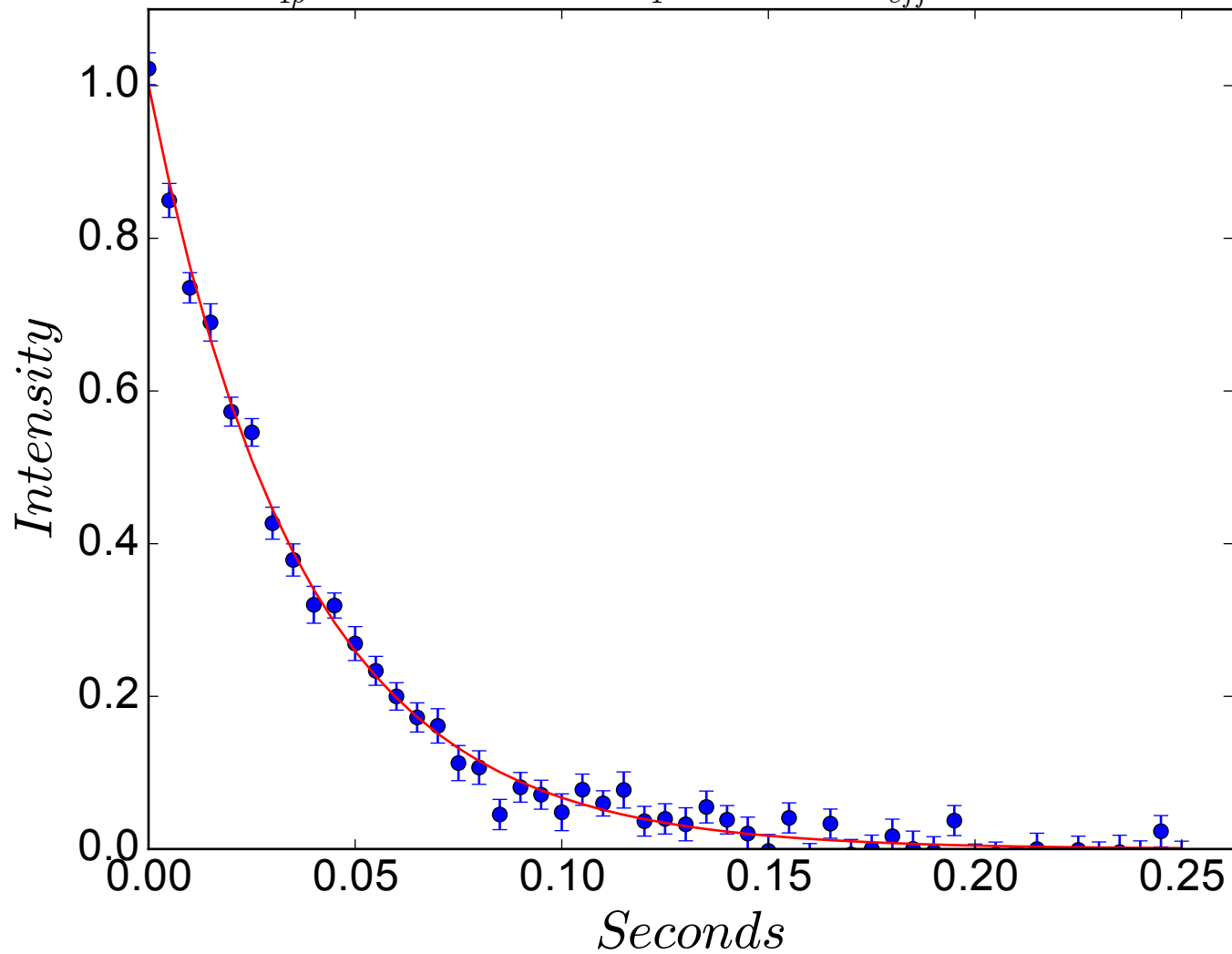
$$R_{1\rho} = 26.6 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -216 \text{ Hz}$$



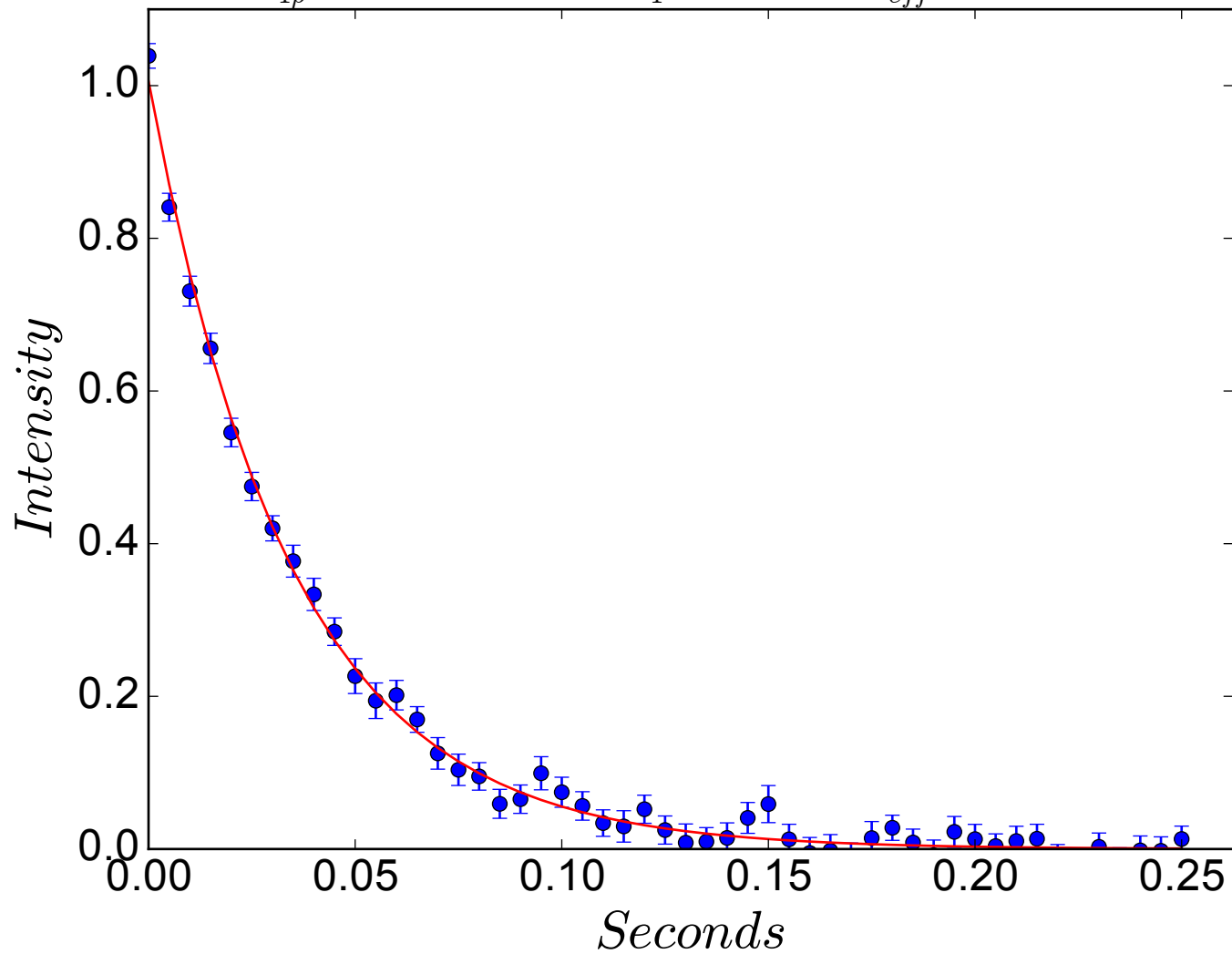
$$R_{1\rho} = 25.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -206 \text{ Hz}$$



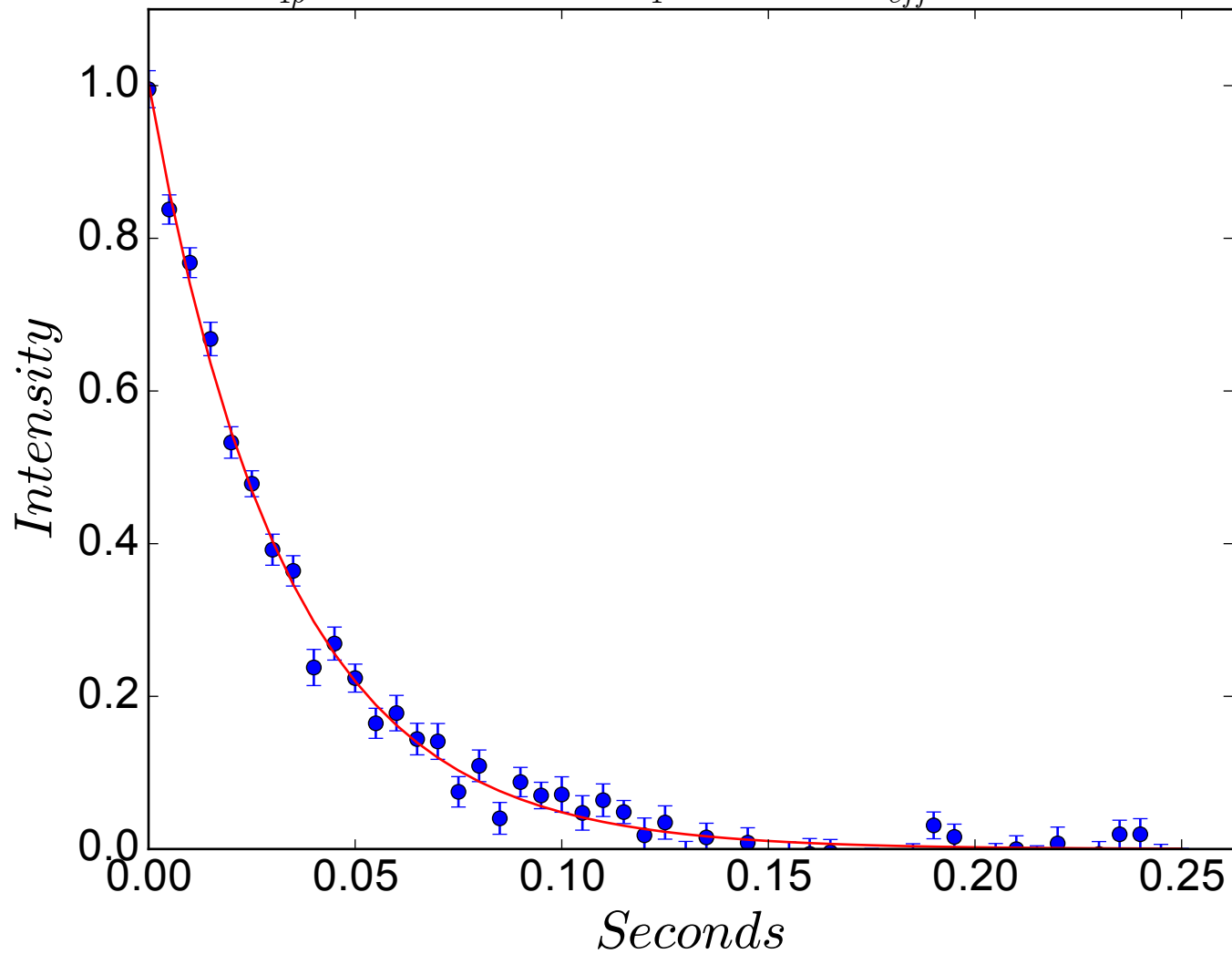
$$R_{1\rho} = 27.0 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -196 \text{ Hz}$$



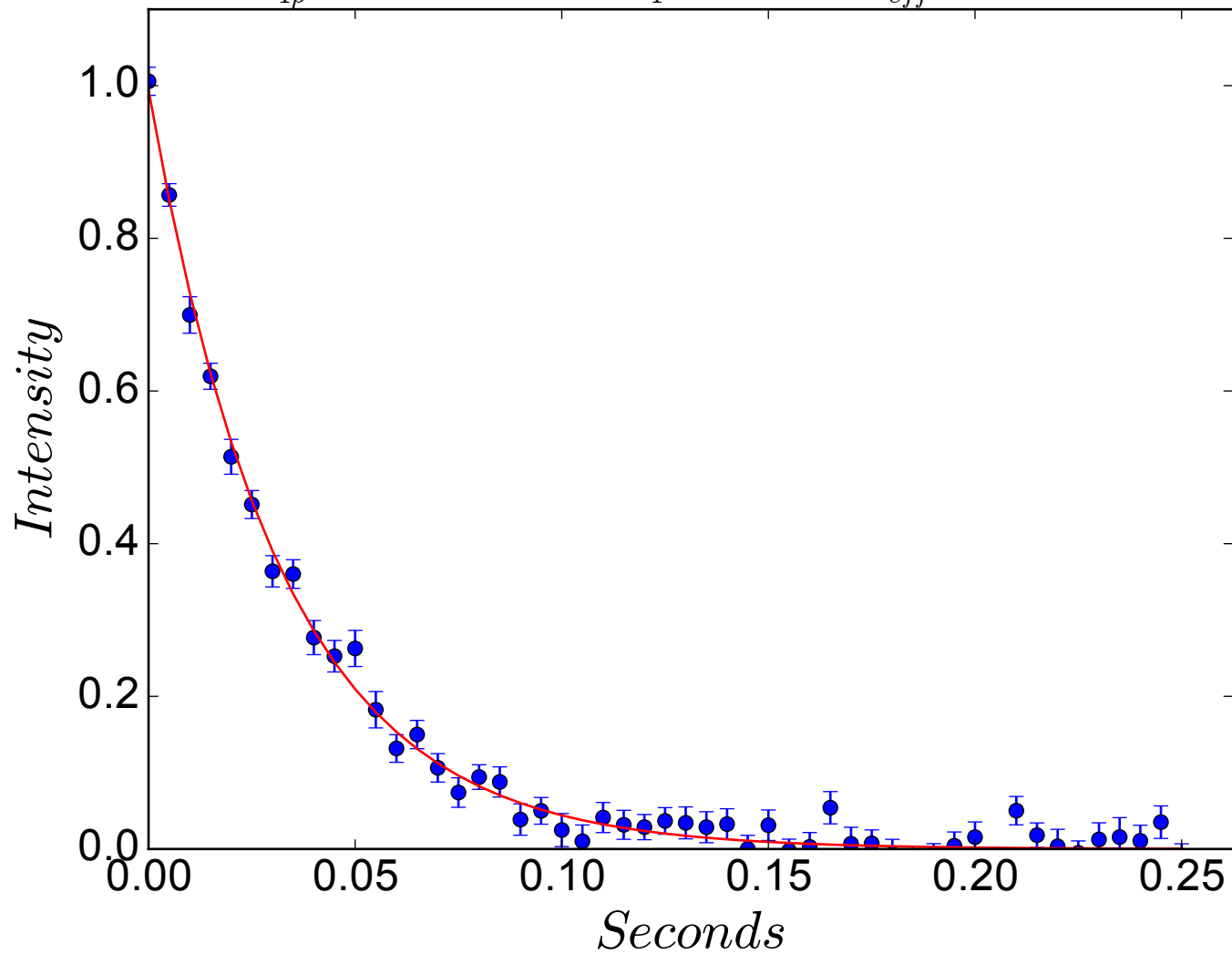
$$R_{1\rho} = 28.9 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -186 \text{ Hz}$$



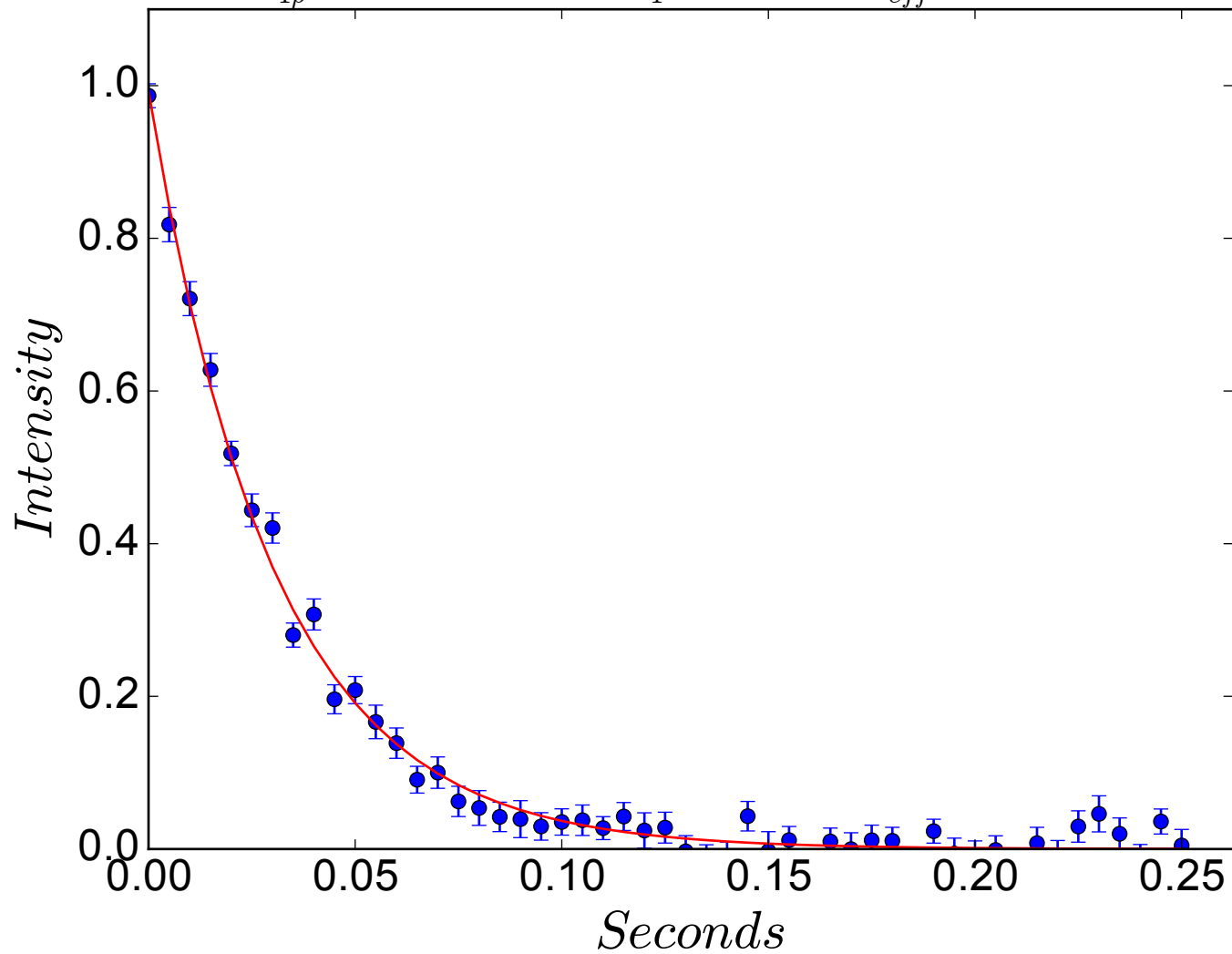
$$R_{1\rho} = 30.4 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -176 \text{ Hz}$$



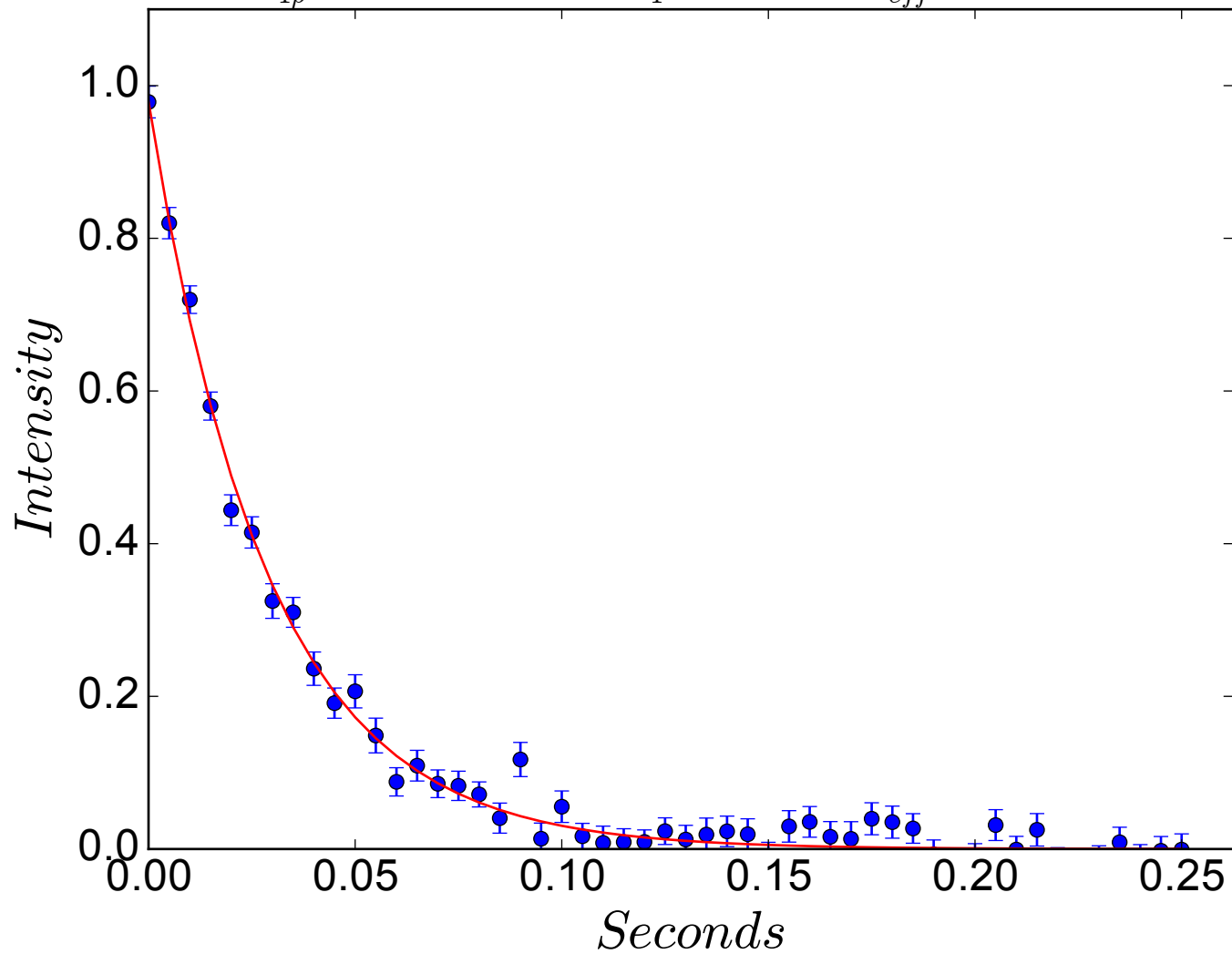
$$R_{1\rho} = 31.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -166 \text{ Hz}$$



$$R_{1\rho} = 32.9 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -156 \text{ Hz}$$

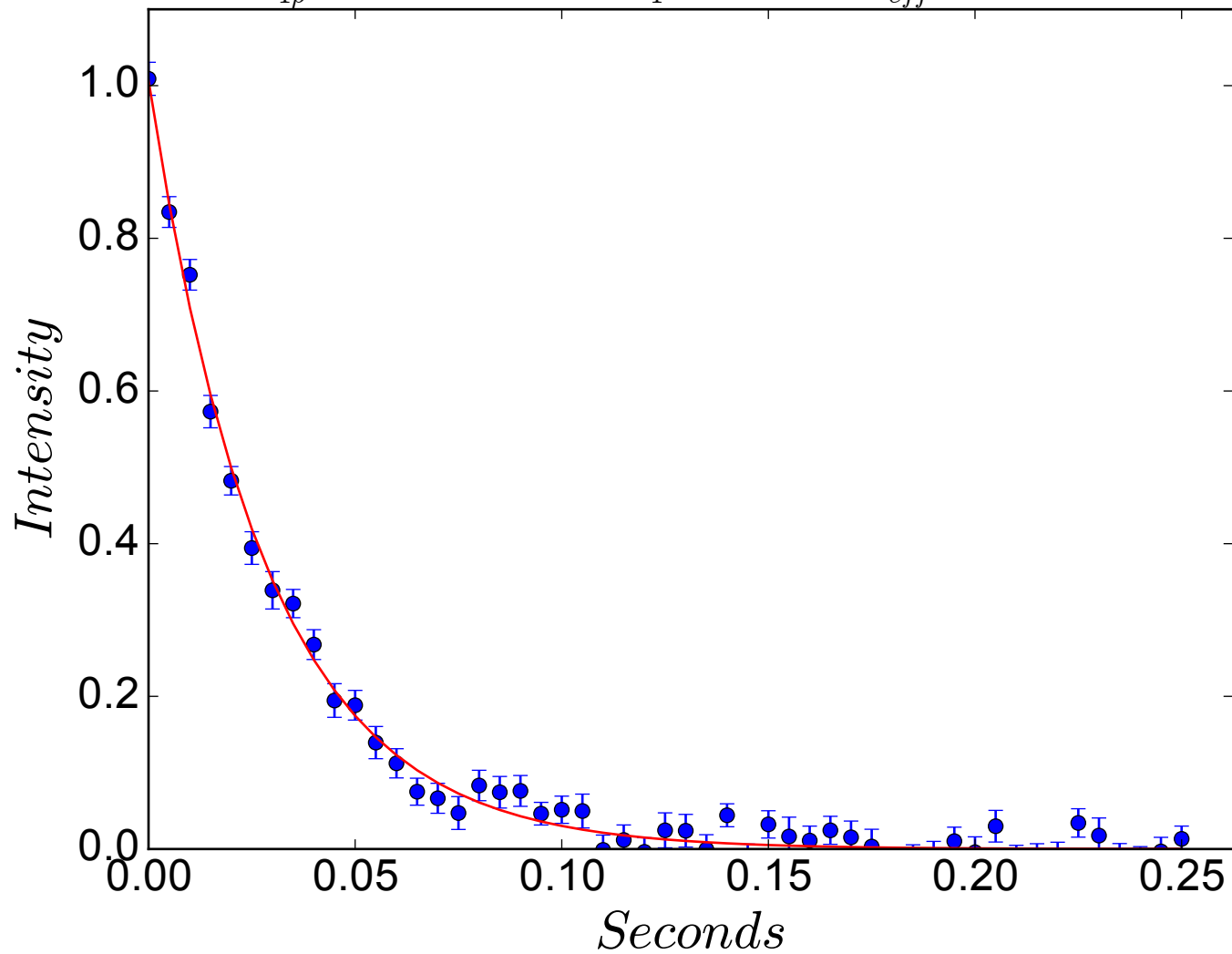


$$R_{1\rho} = 34.7 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -146 \text{ Hz}$$

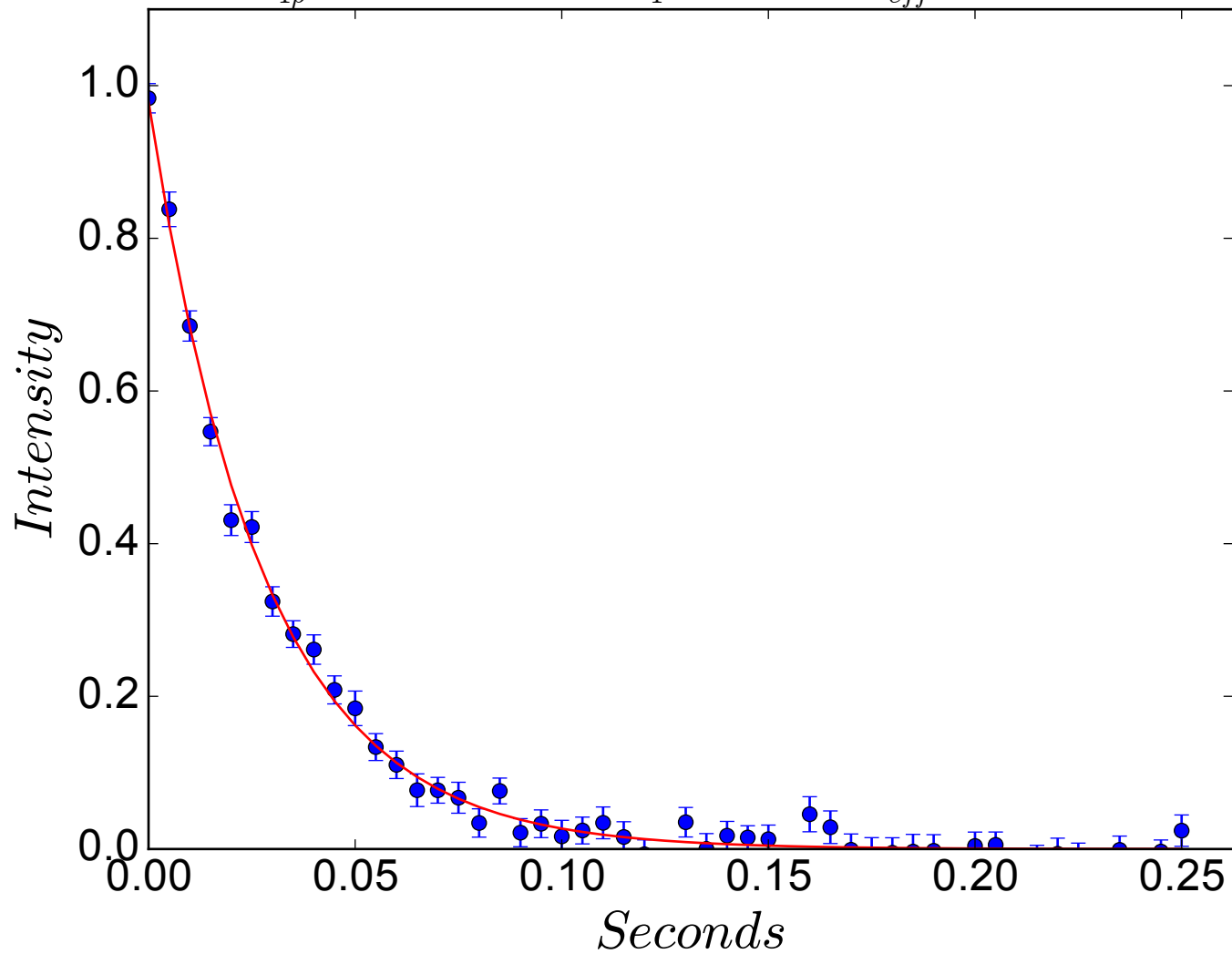




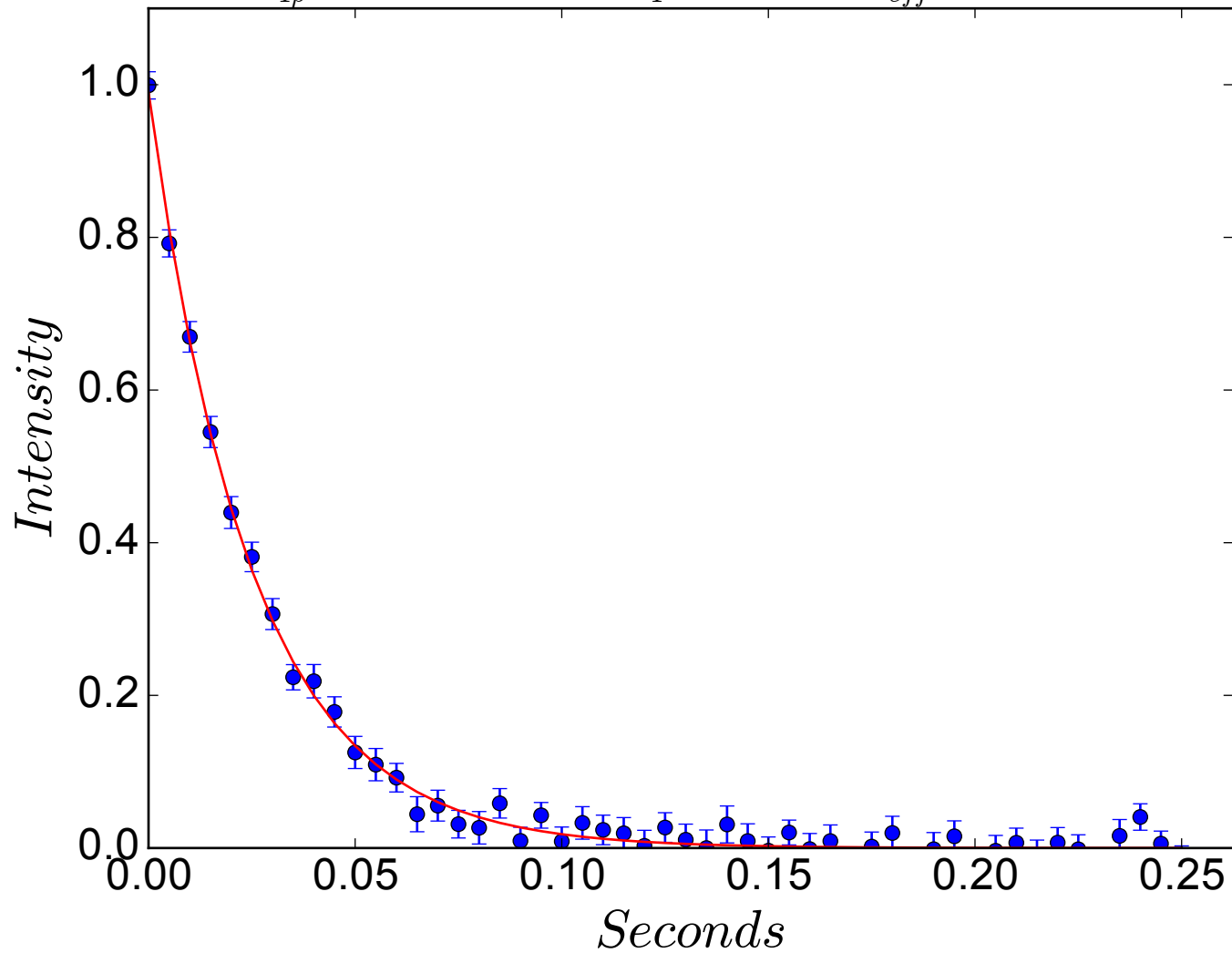
$$R_{1\rho} = 35.0 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -136 \text{ Hz}$$



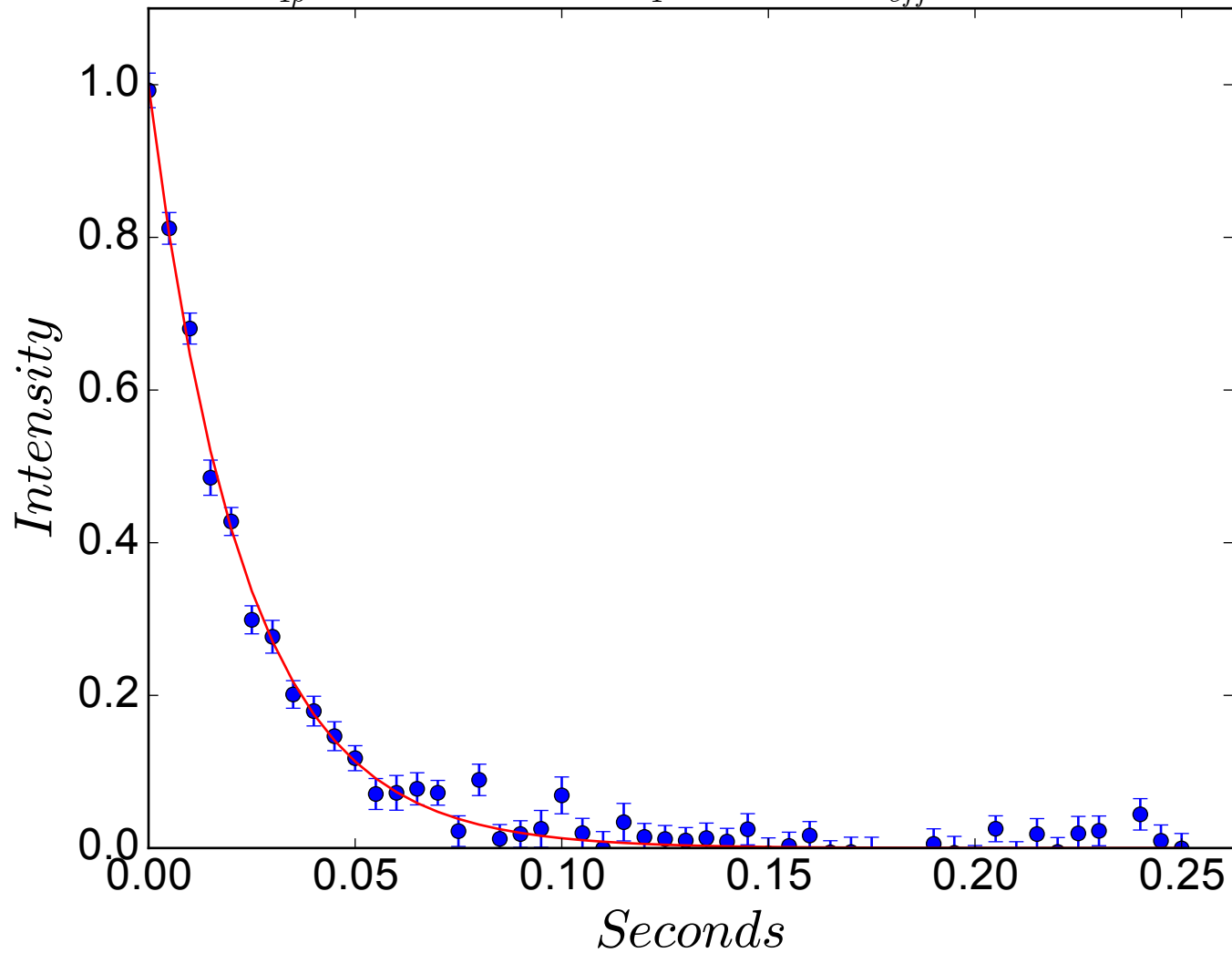
$$R_{1\rho} = 36.0 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -126 \text{ Hz}$$



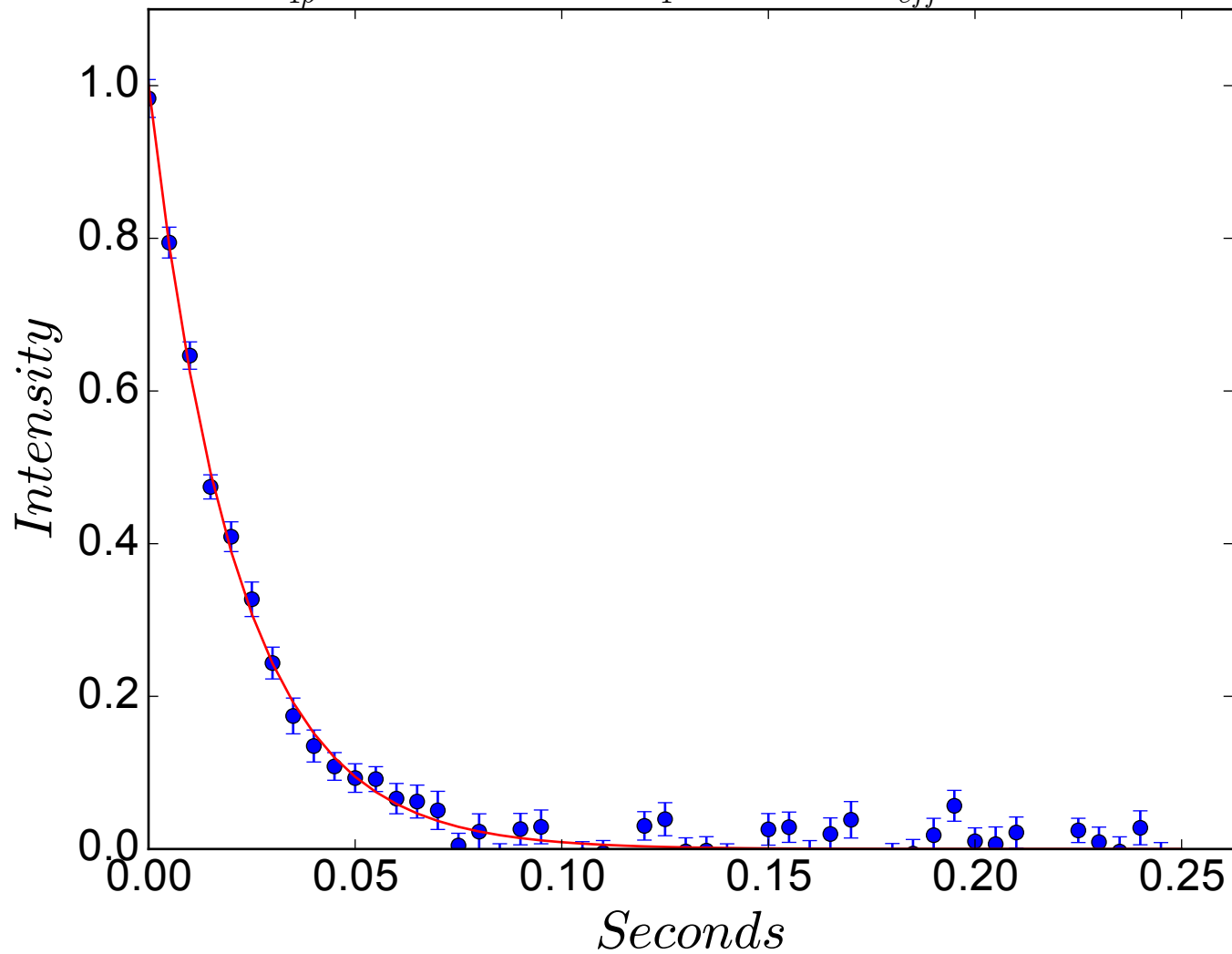
$$R_{1\rho} = 40.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -116 \text{ Hz}$$



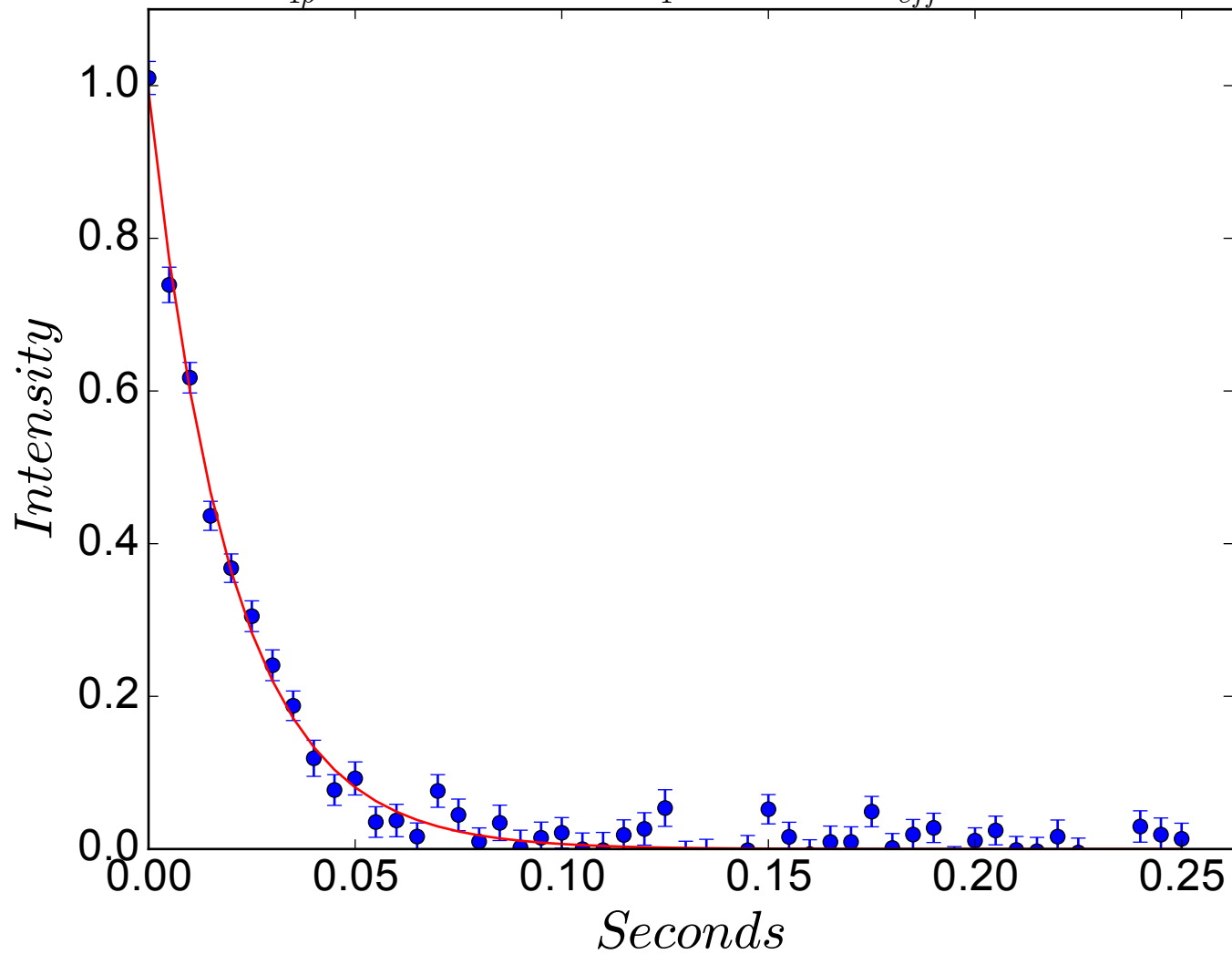
$$R_{1\rho} = 43.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -106 \text{ Hz}$$



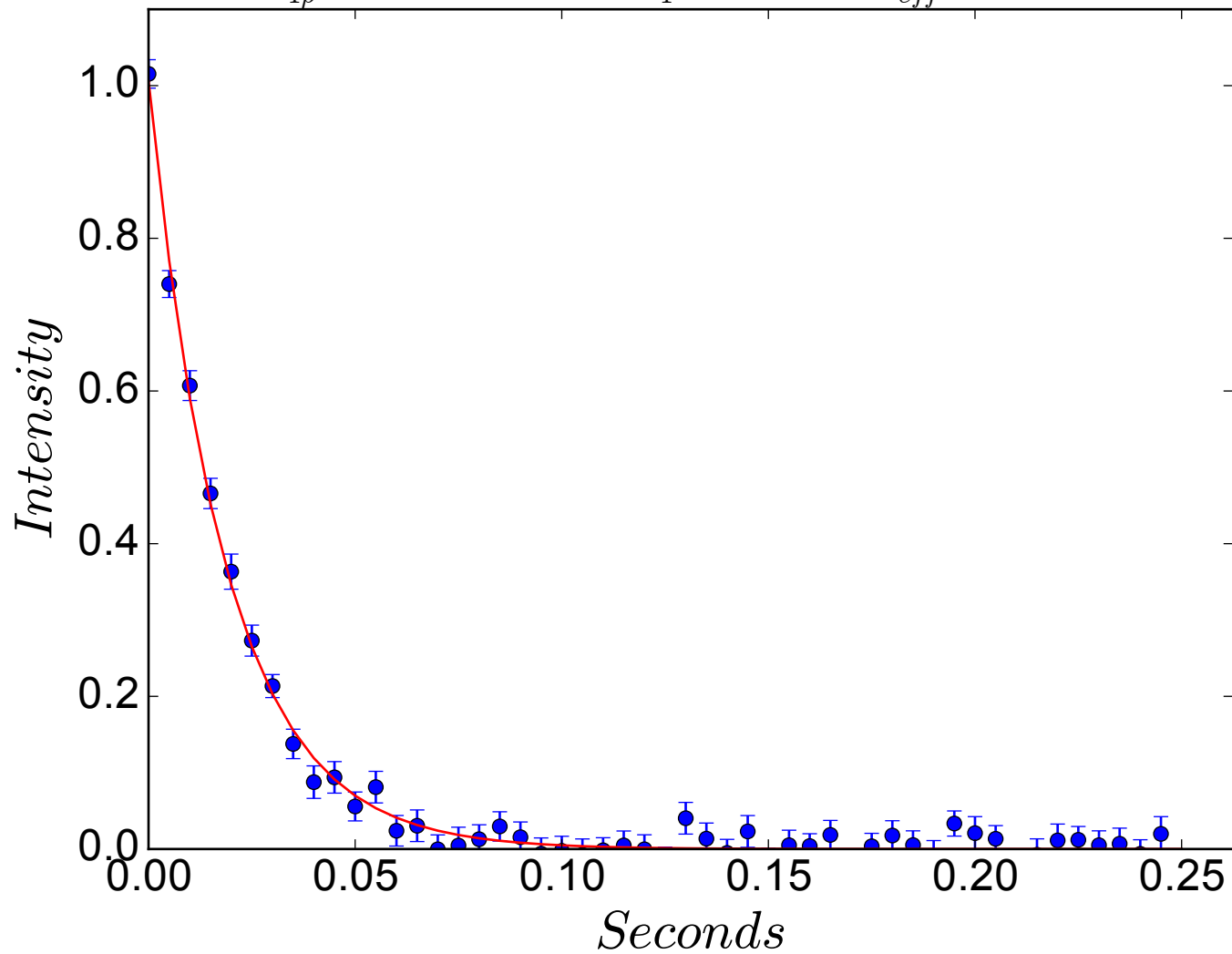
$$R_{1\rho} = 47.2 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -95 \text{ Hz}$$



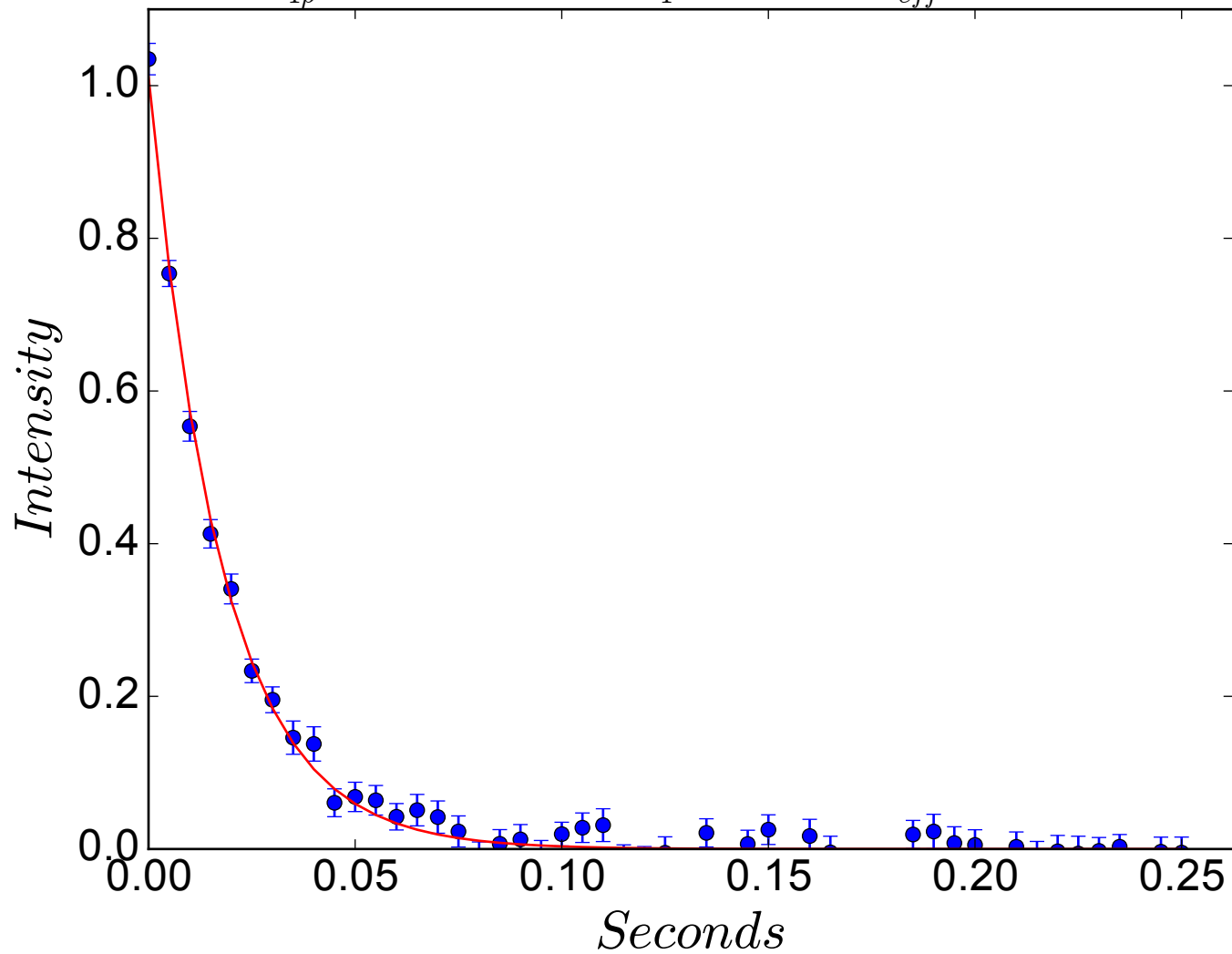
$$R_{1\rho} = 50.2 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -85 \text{ Hz}$$



$$R_{1\rho} = 53.3 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -75 \text{ Hz}$$

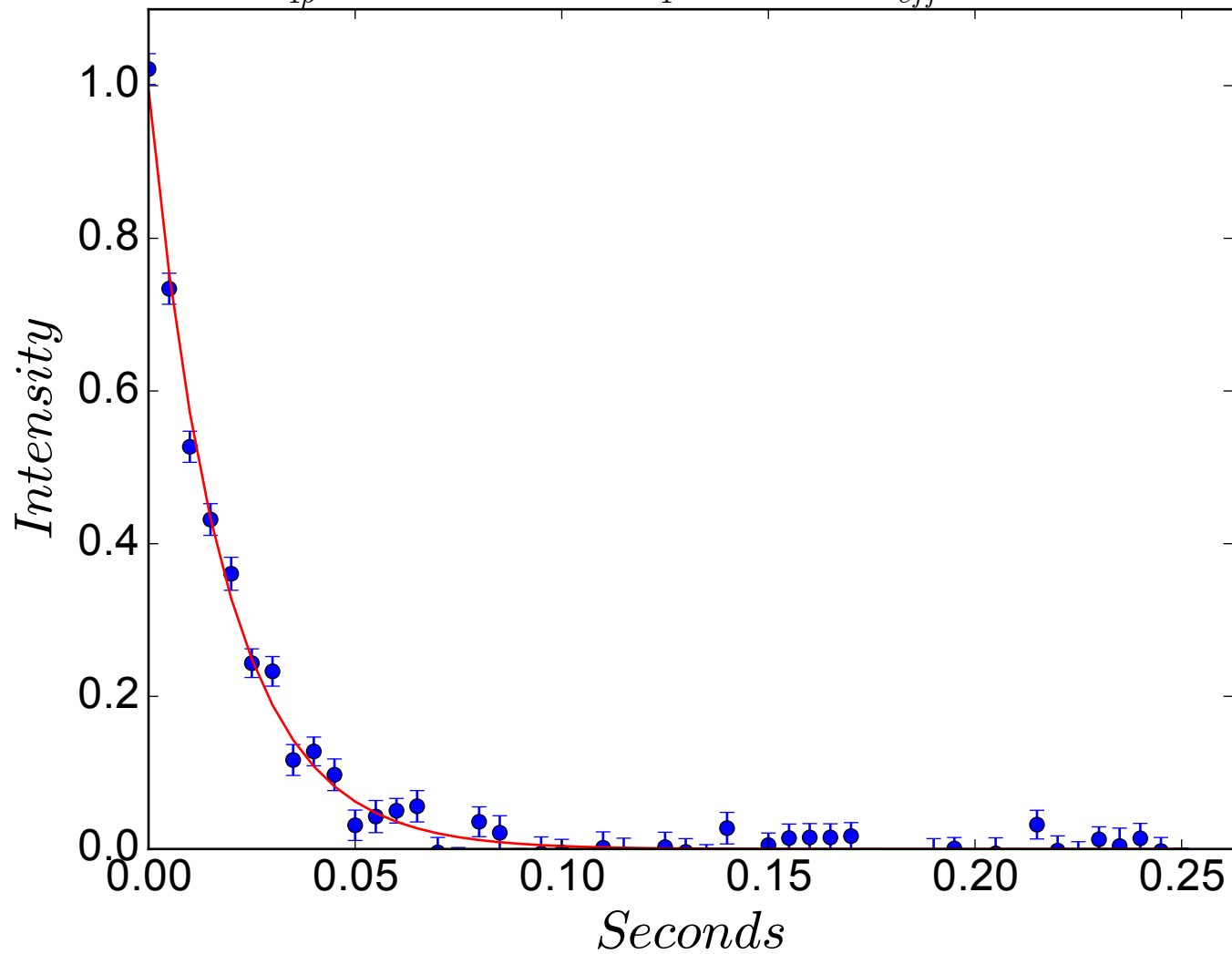


$$R_{1\rho} = 56.8 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -65 \text{ Hz}$$

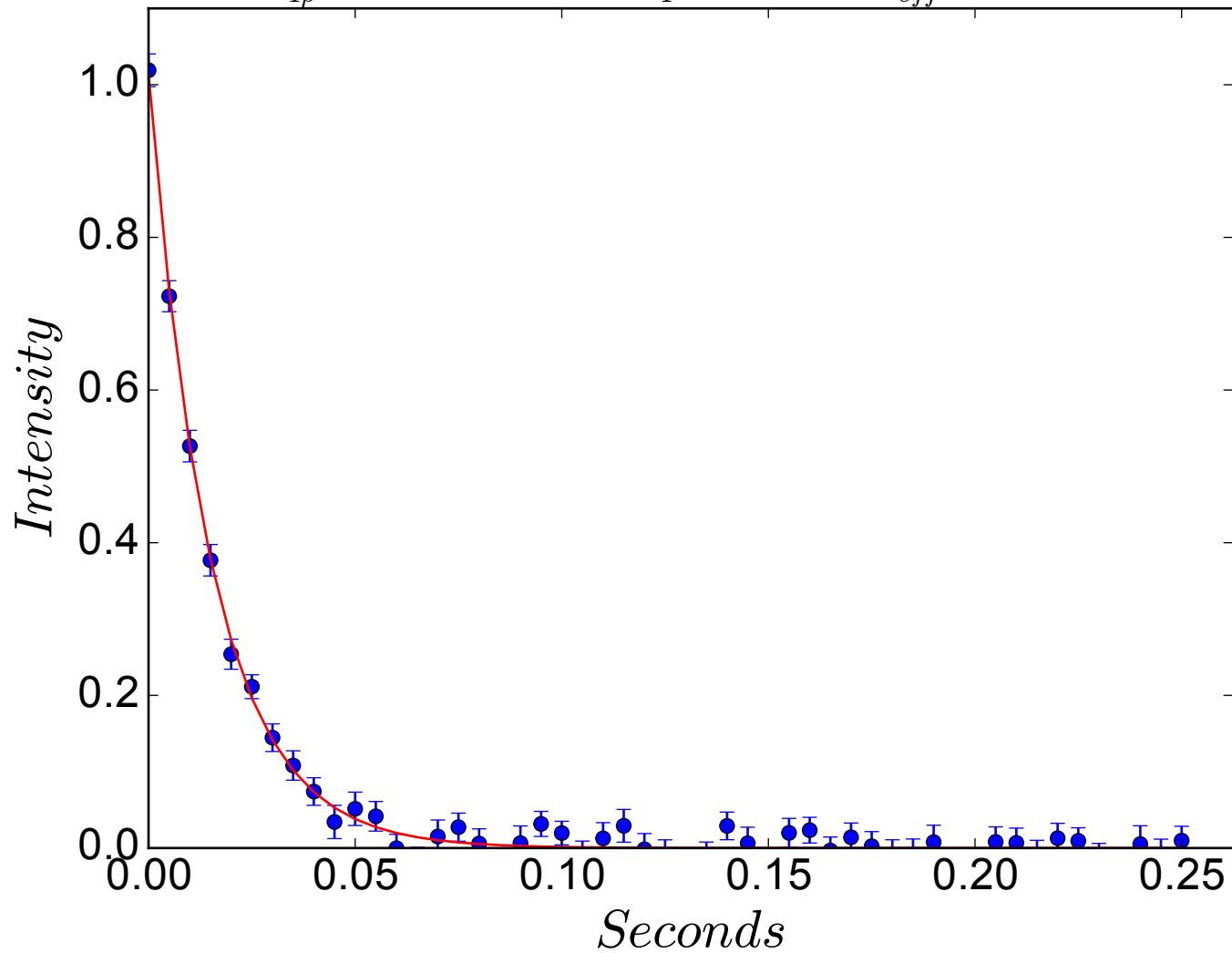




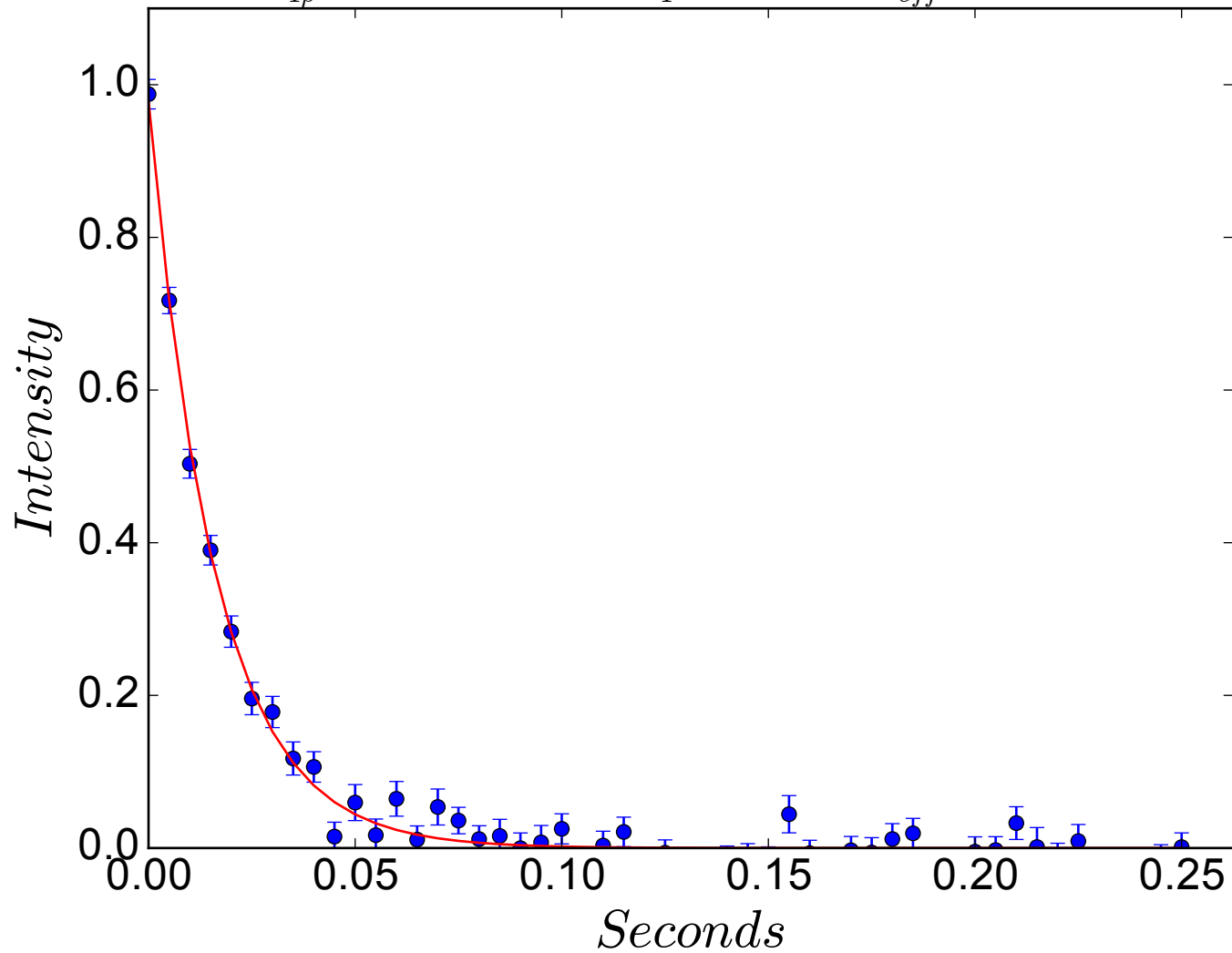
$$R_{1\rho} = 55.5 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -55 \text{ Hz}$$



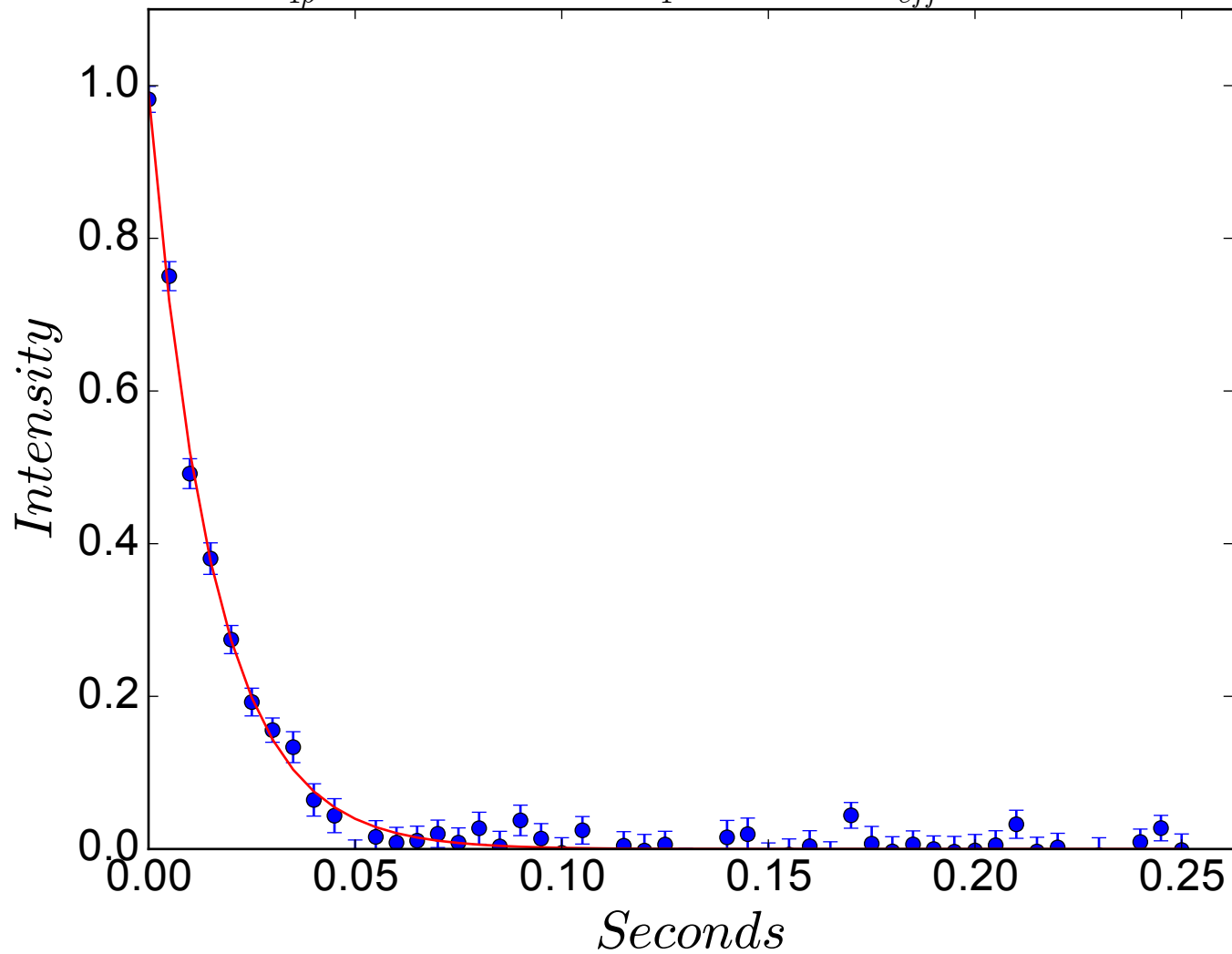
$$R_{1\rho} = 65.6 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -45 \text{ Hz}$$



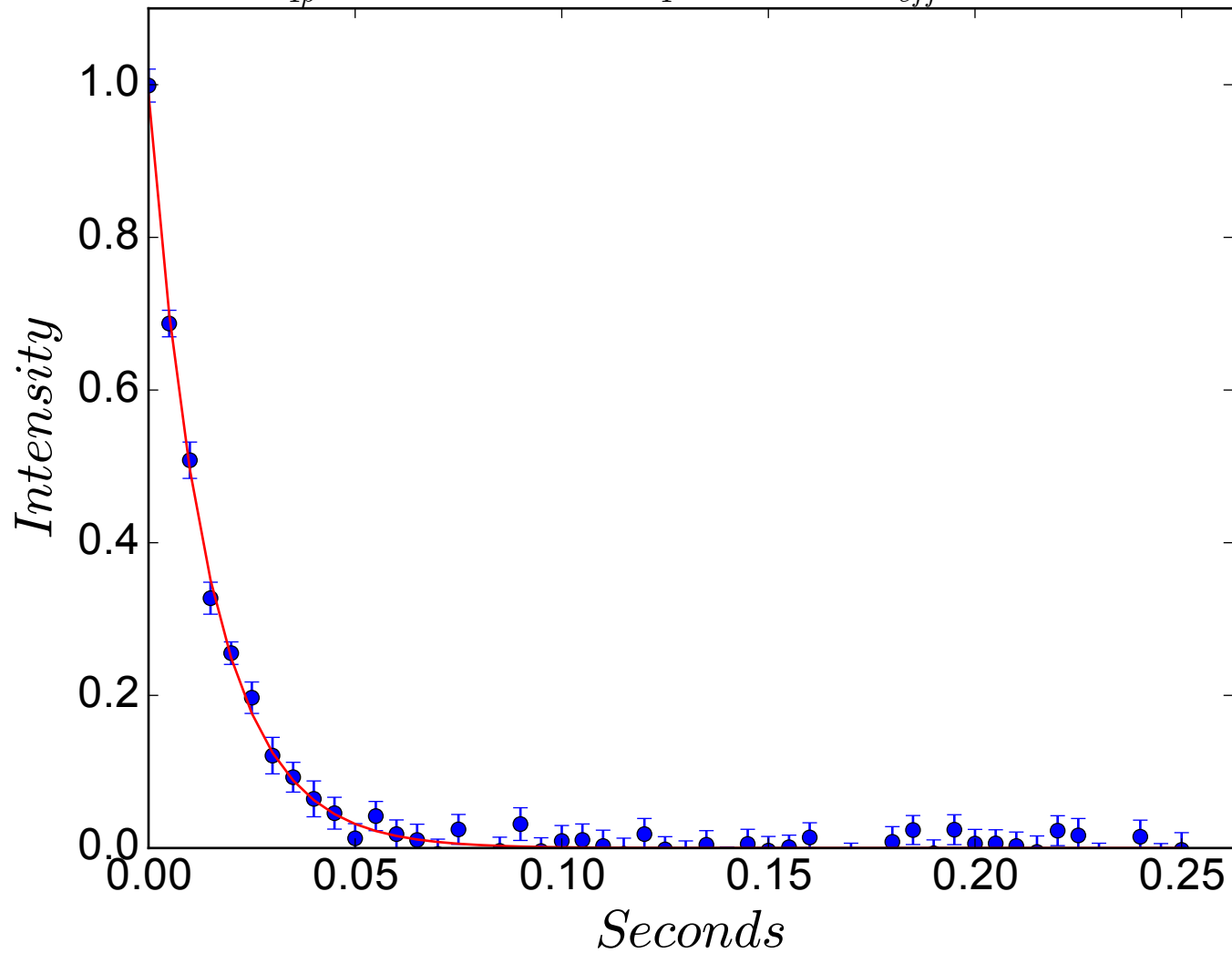
$$R_{1\rho} = 62.0 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -35 \text{ Hz}$$



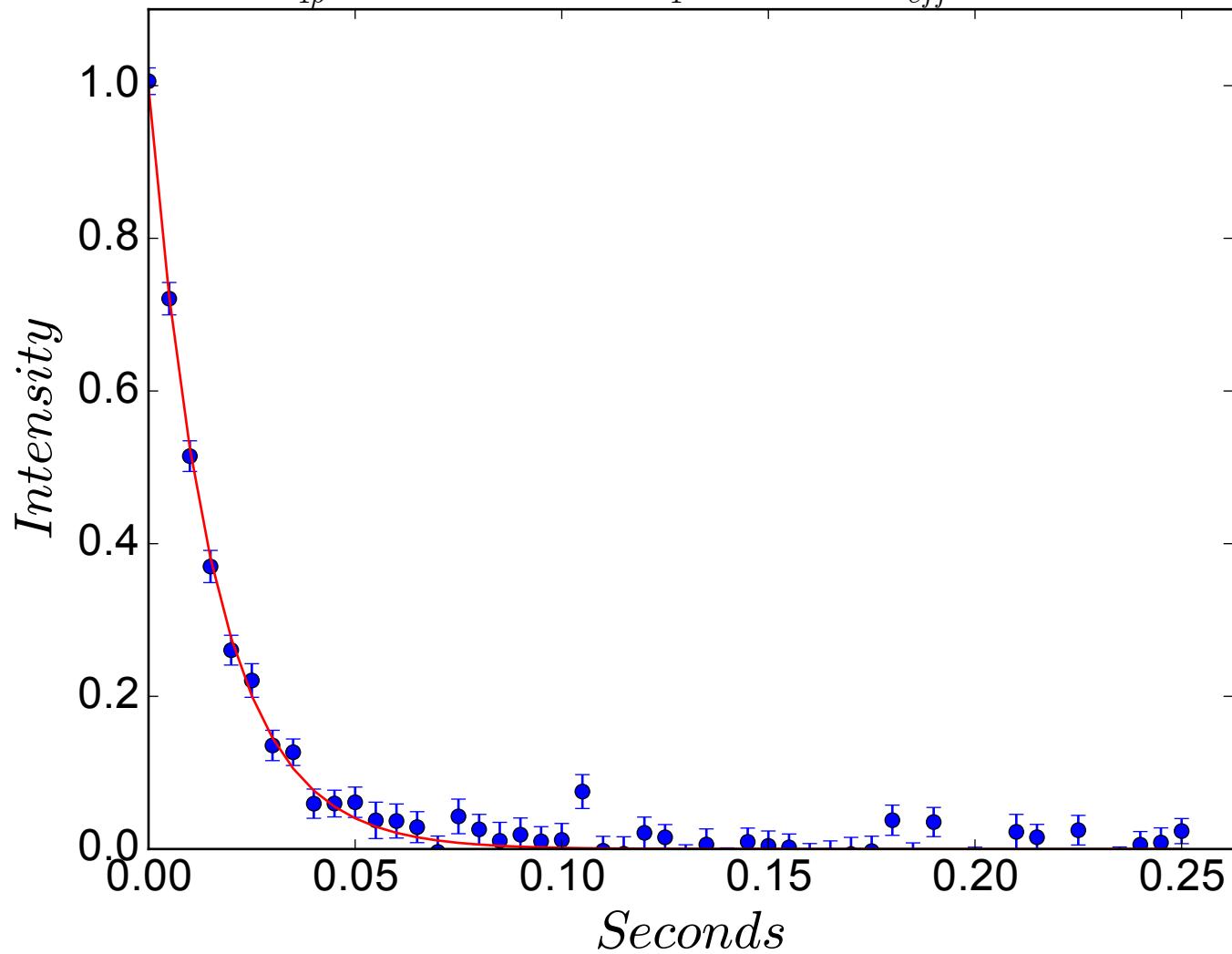
$$R_{1\rho} = 64.4 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -25 \text{ Hz}$$



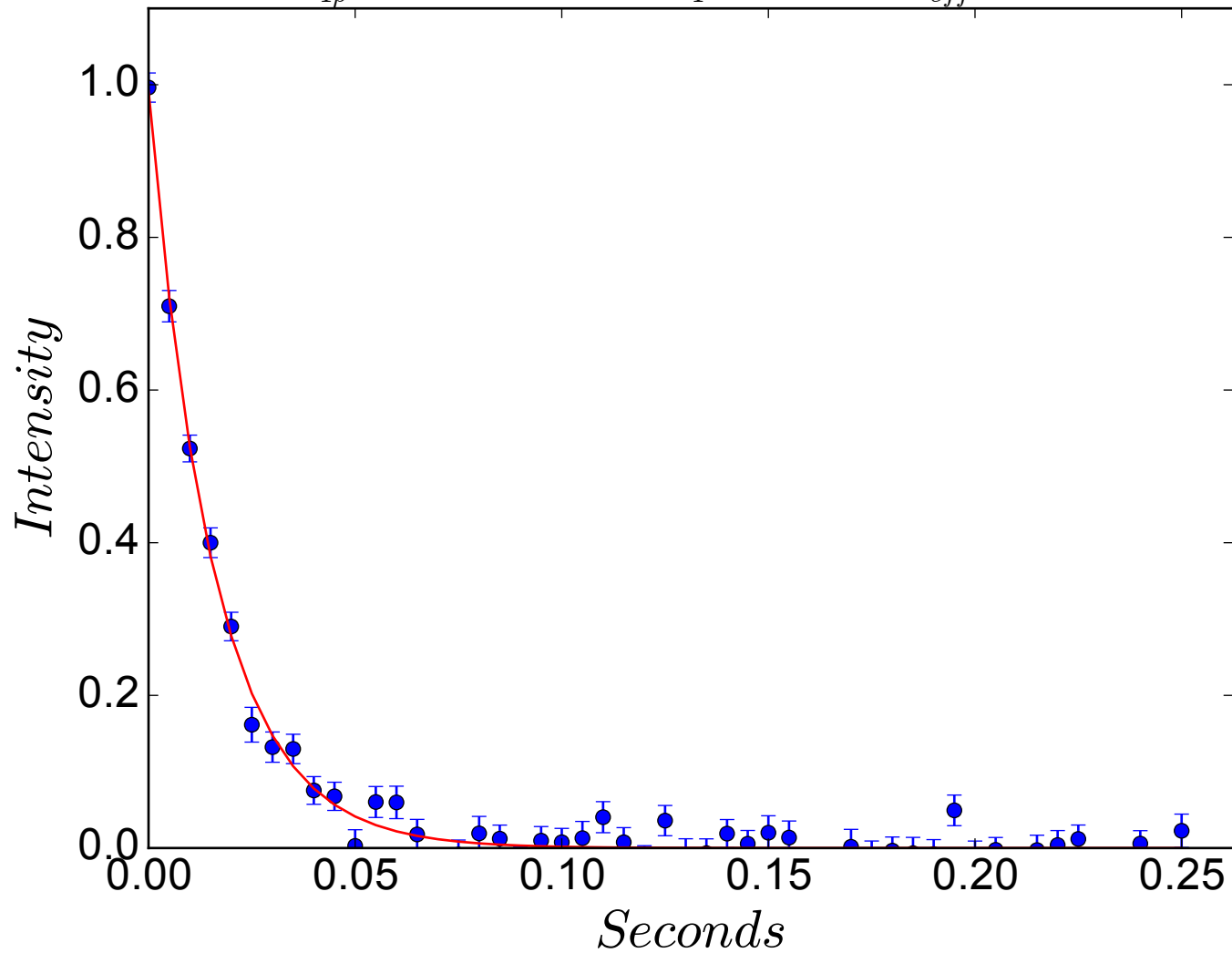
$$R_{1\rho} = 68.9 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -15 \text{ Hz}$$



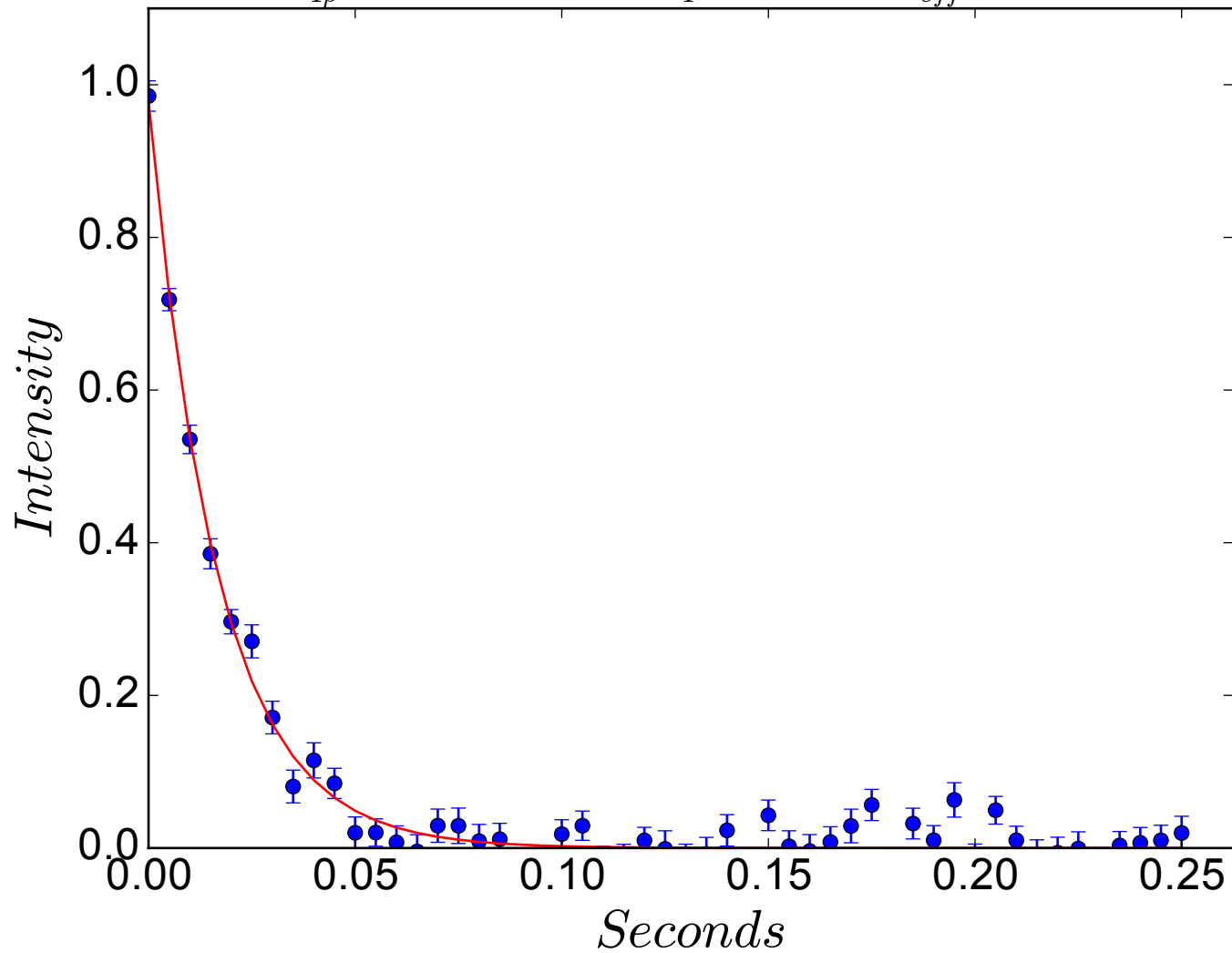
$$R_{1\rho} = 64.2 \pm 2.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = -5 \text{ Hz}$$



$$R_{1\rho} = 63.6 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 5 \text{ Hz}$$

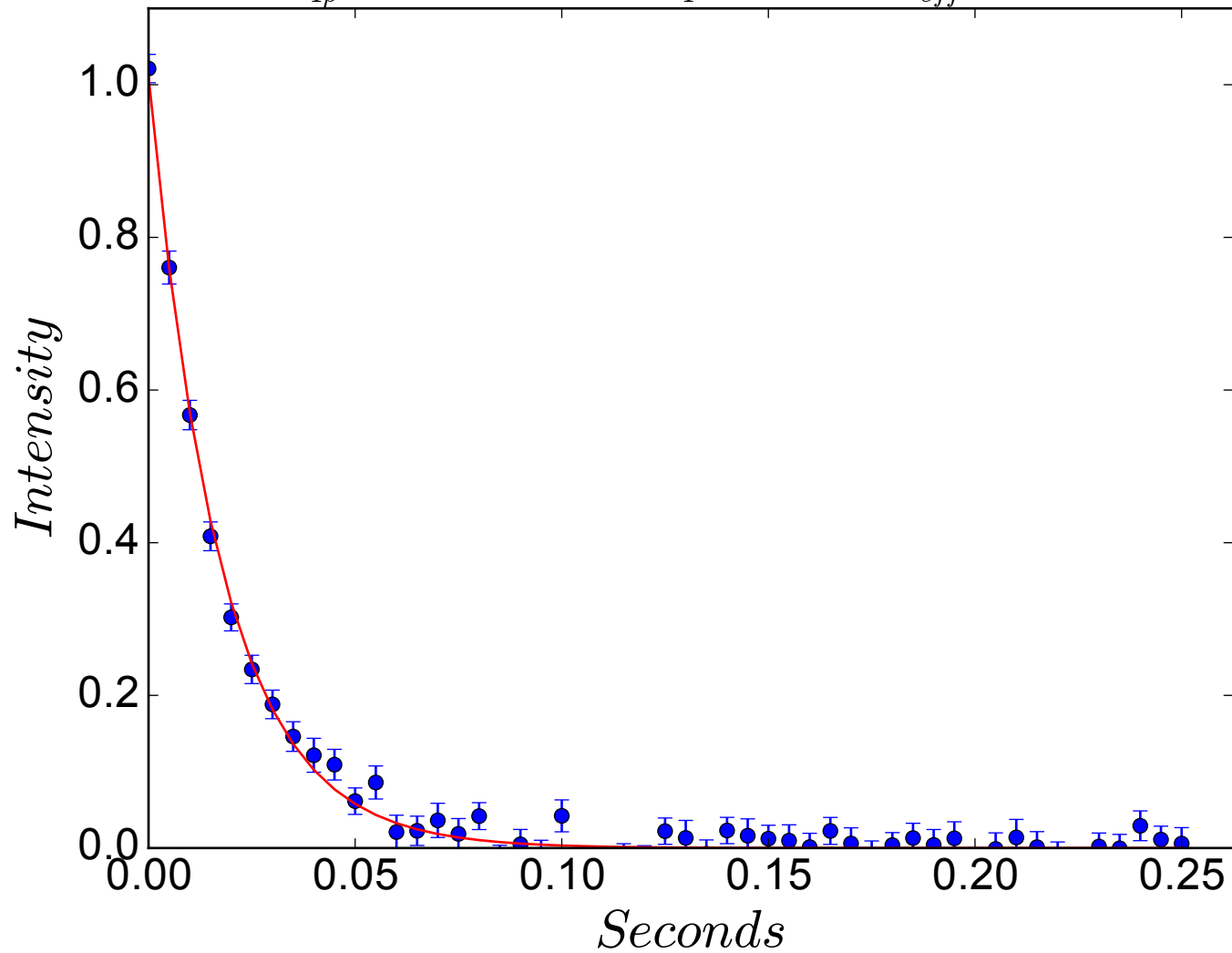


$$R_{1\rho} = 59.9 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 15 \text{ Hz}$$

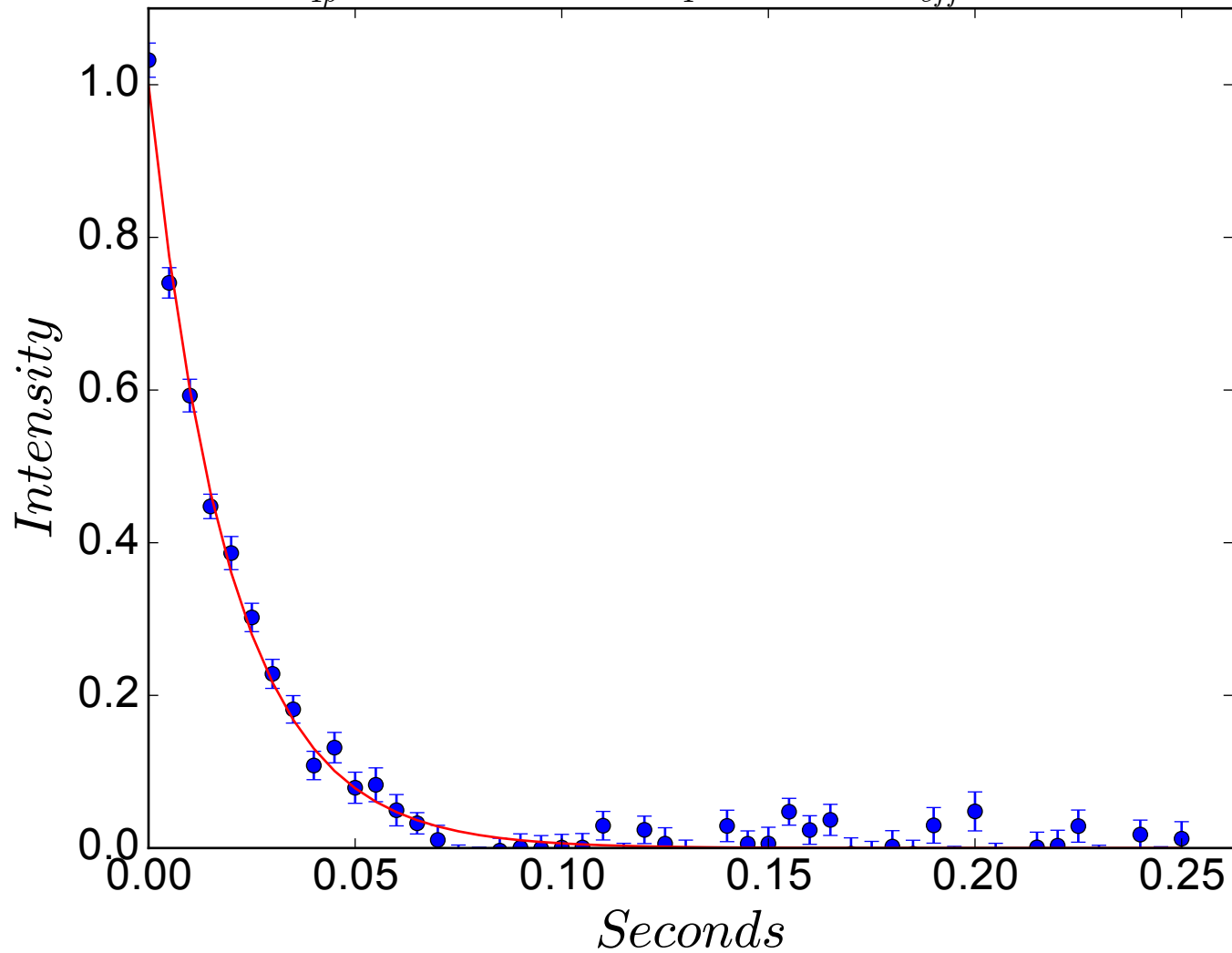




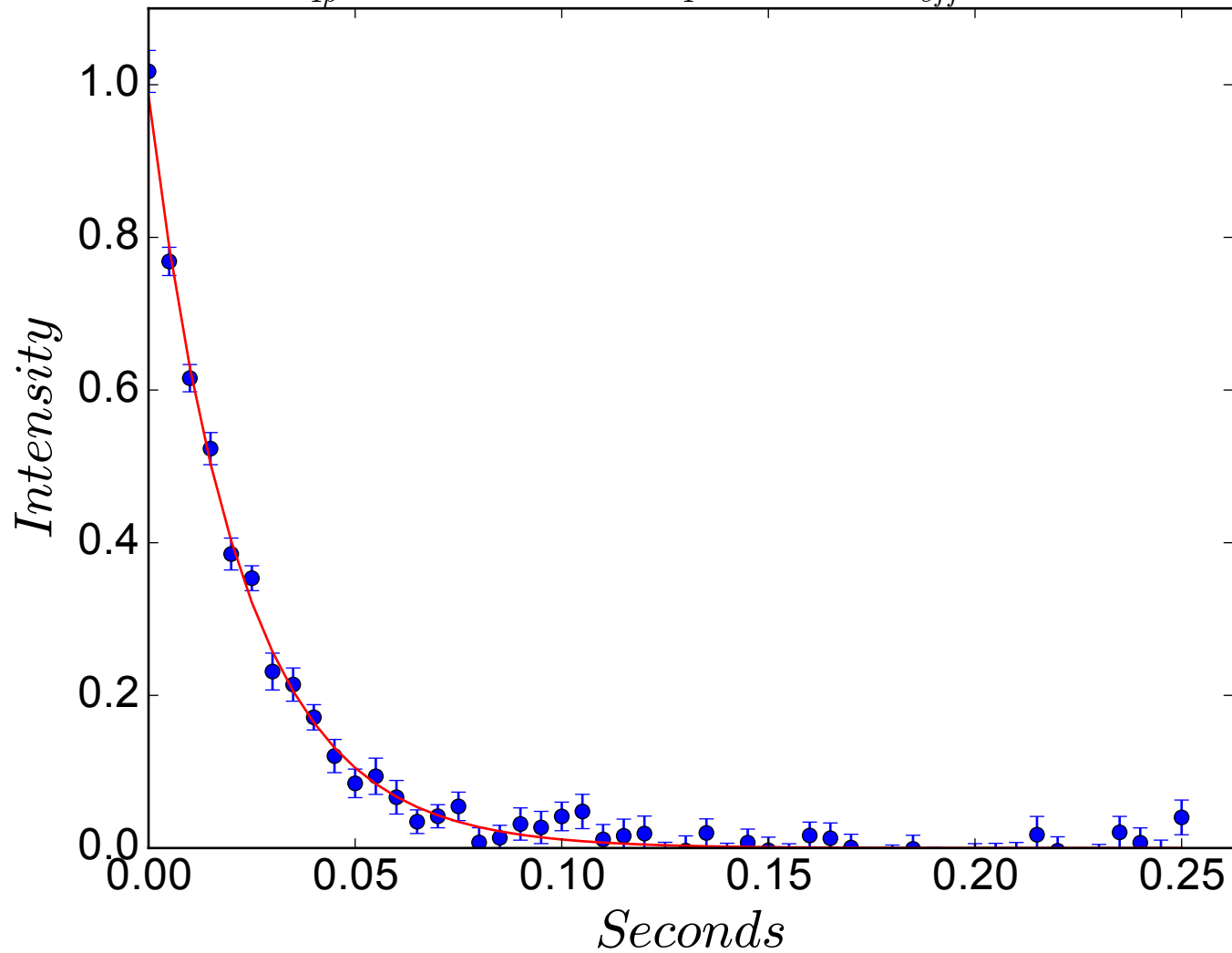
$$R_{1\rho} = 57.2 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 25 \text{ Hz}$$



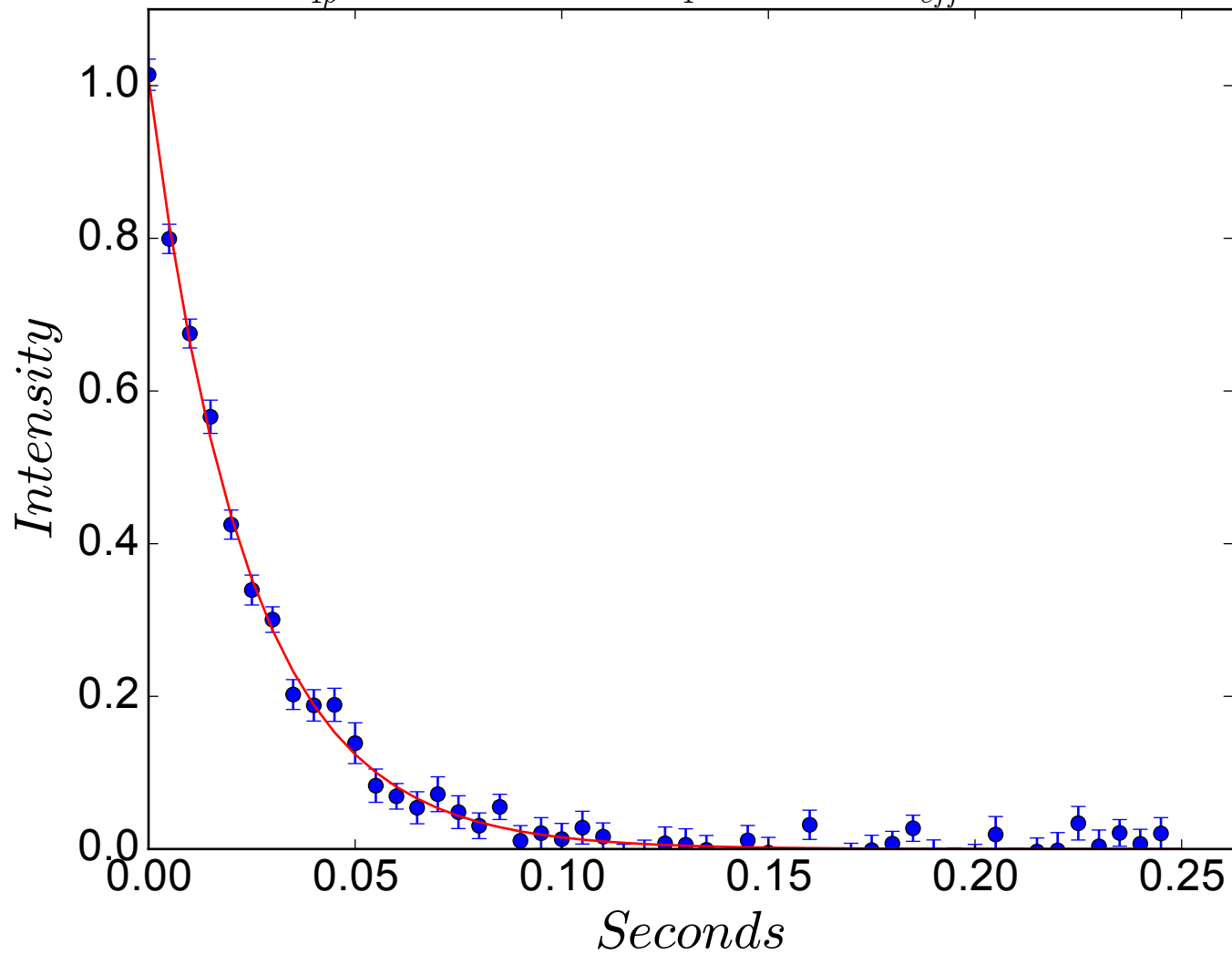
$$R_{1\rho} = 50.9 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 35 \text{ Hz}$$



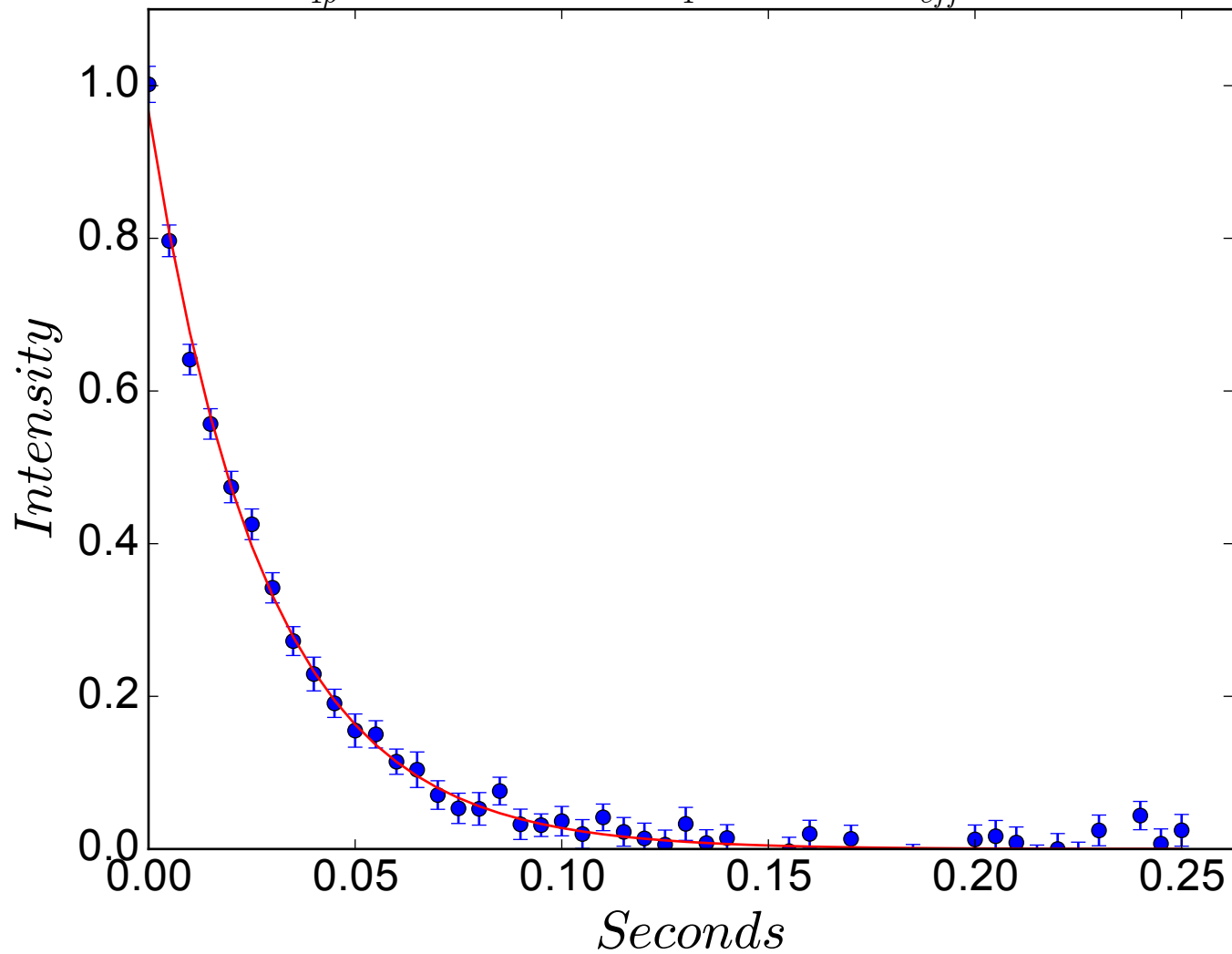
$$R_{1\rho} = 44.8 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 45 \text{ Hz}$$



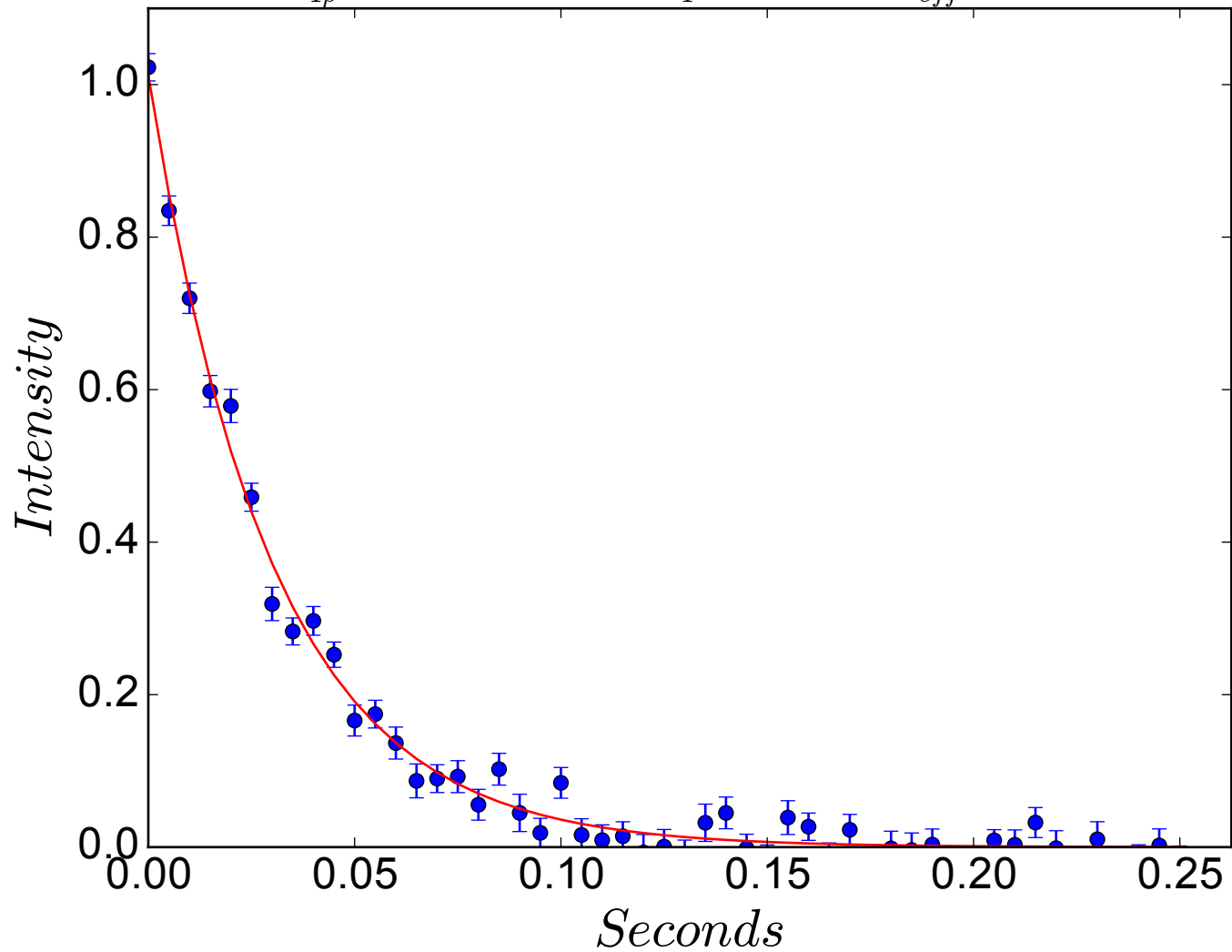
$$R_{1\rho} = 41.9 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 55 \text{ Hz}$$



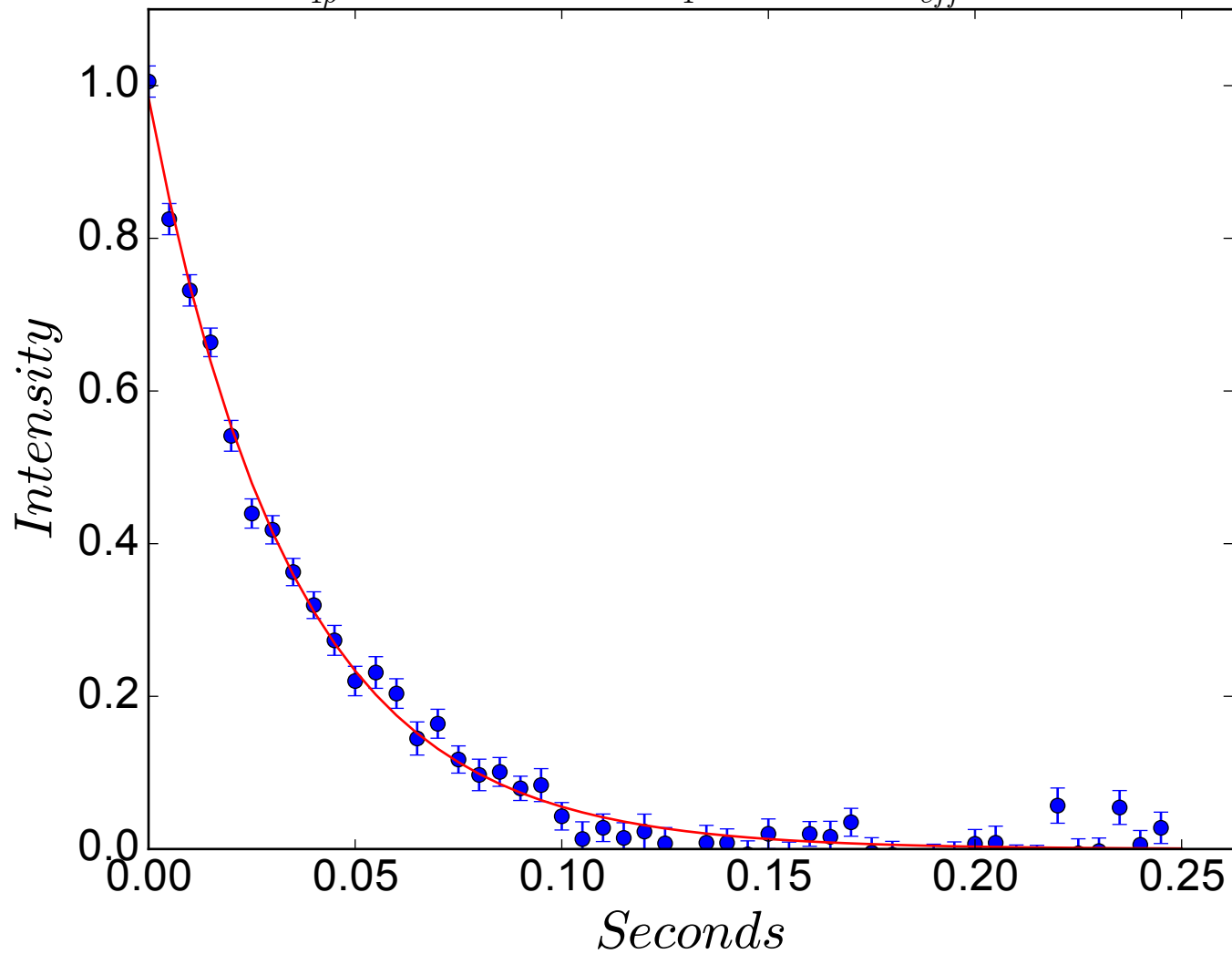
$$R_{1\rho} = 35.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 65 \text{ Hz}$$



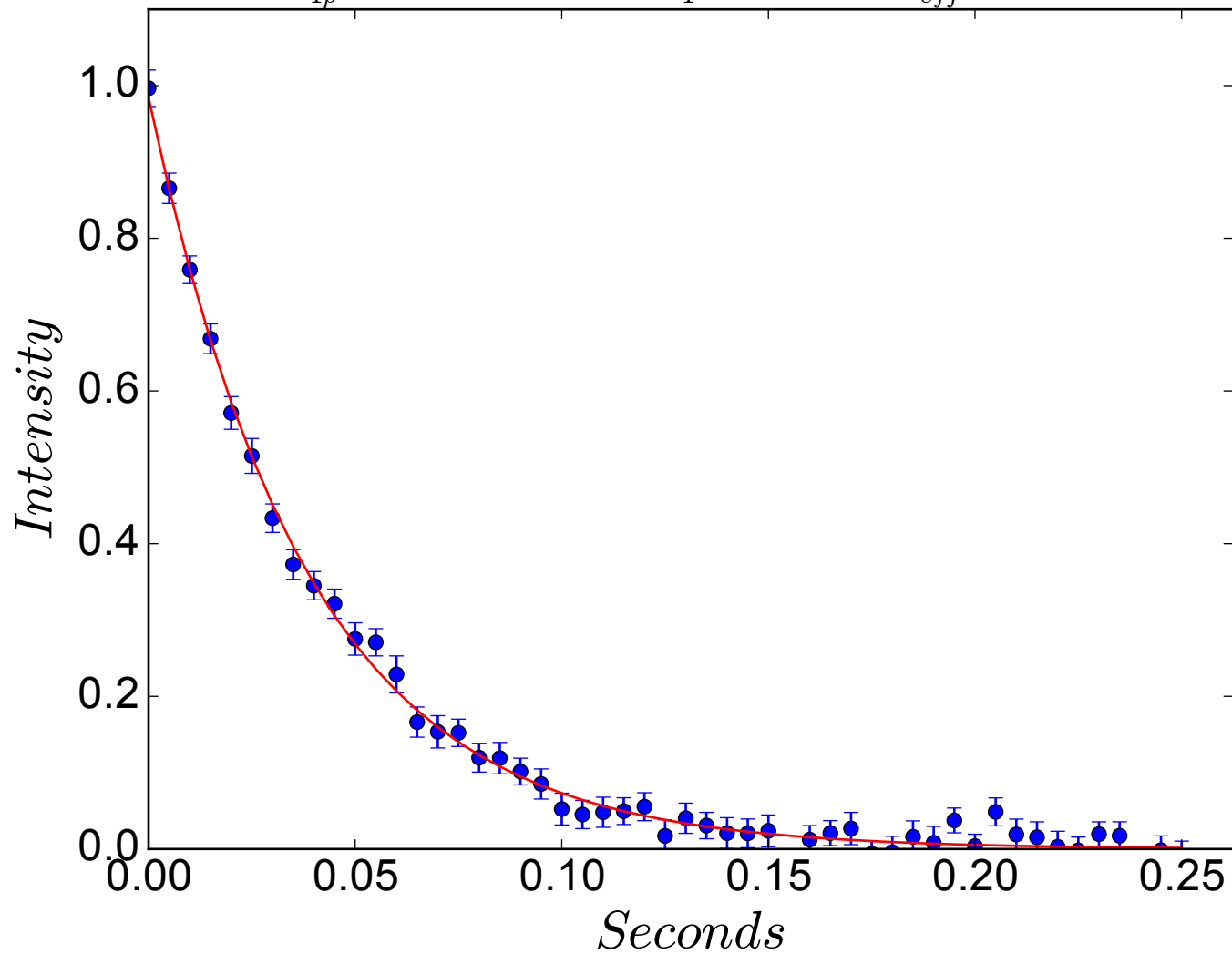
$$R_{1\rho} = 33.3 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 75 \text{ Hz}$$



$$R_{1\rho} = 28.8 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 85 \text{ Hz}$$

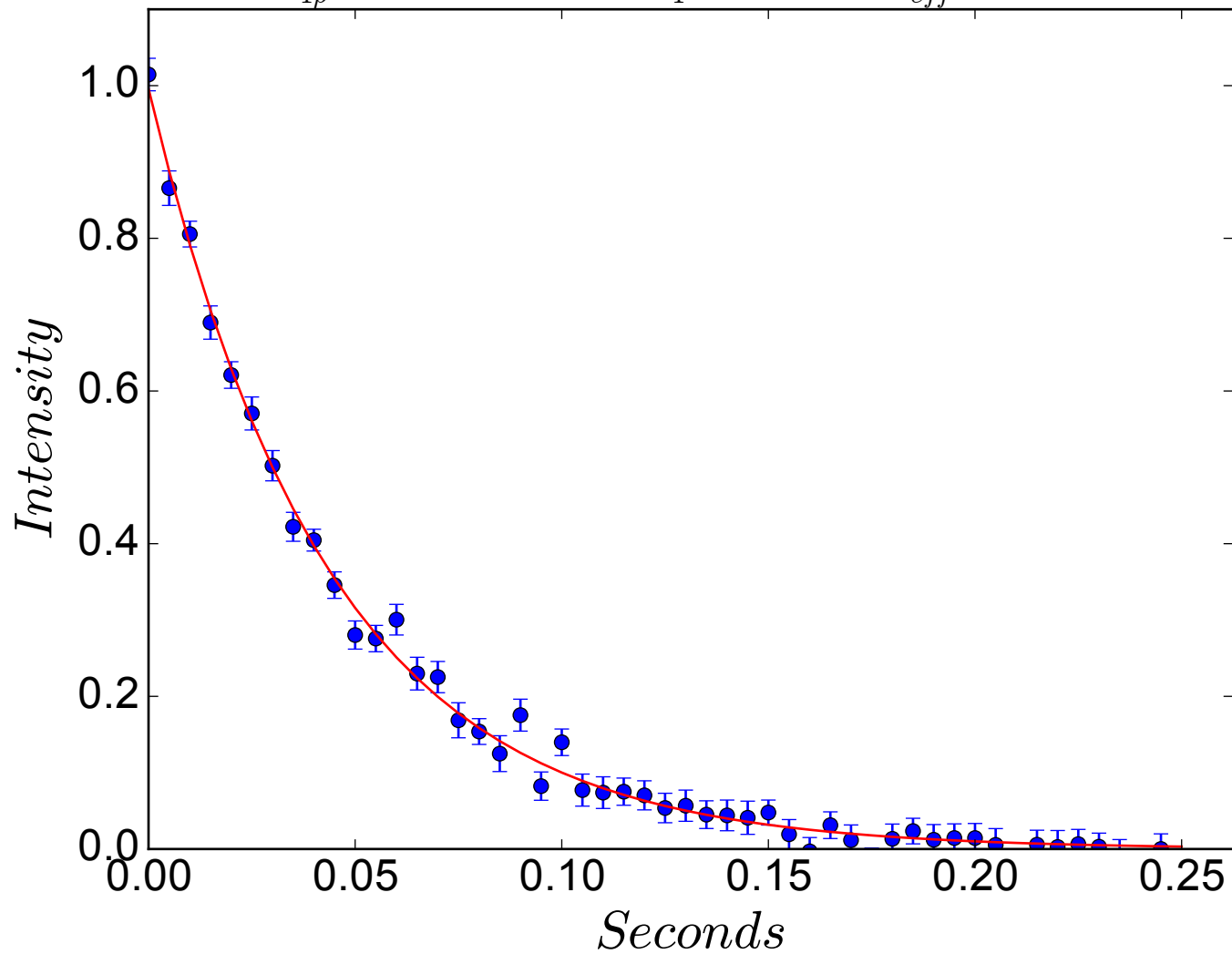


$$R_{1\rho} = 26.0 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 95 \text{ Hz}$$

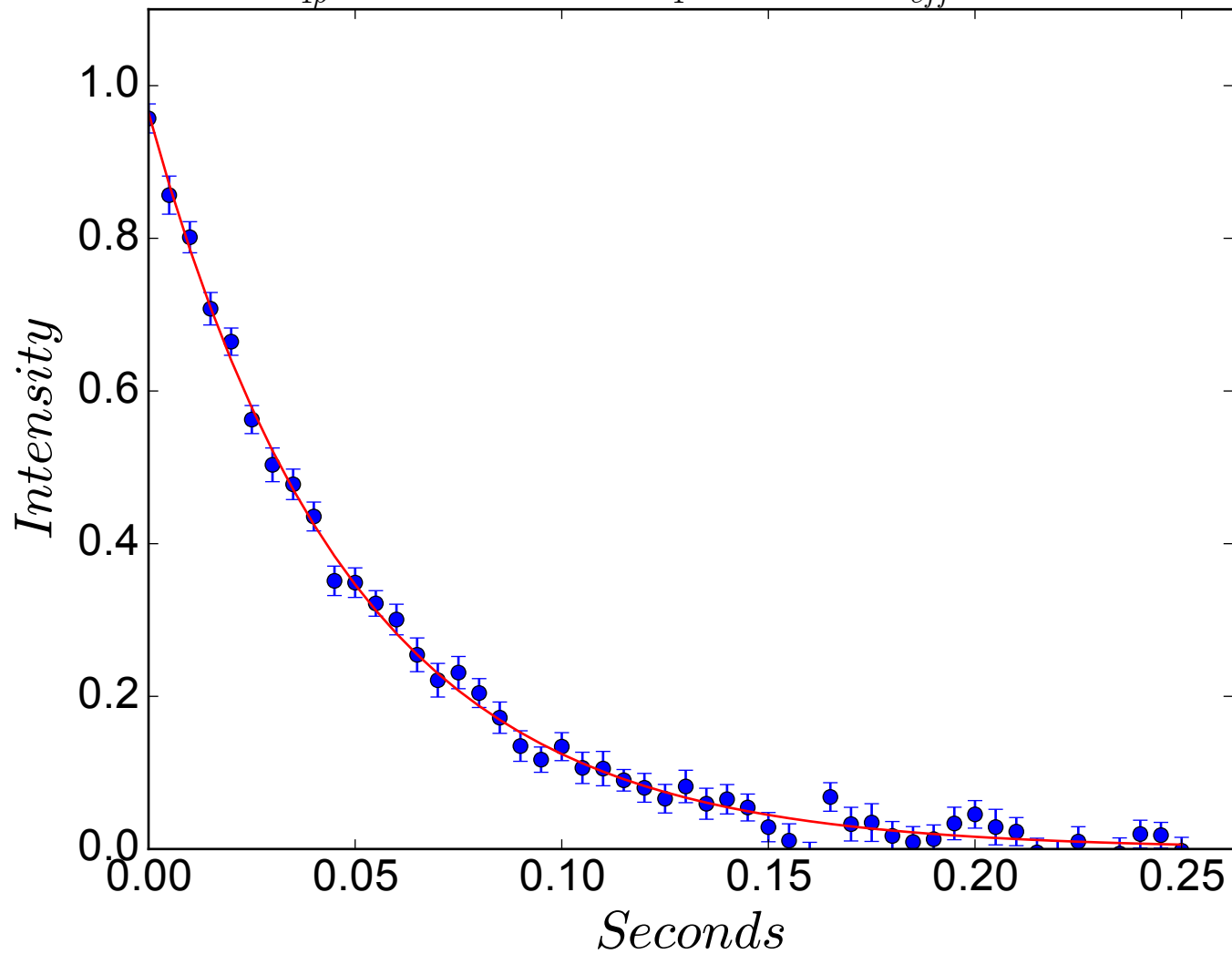




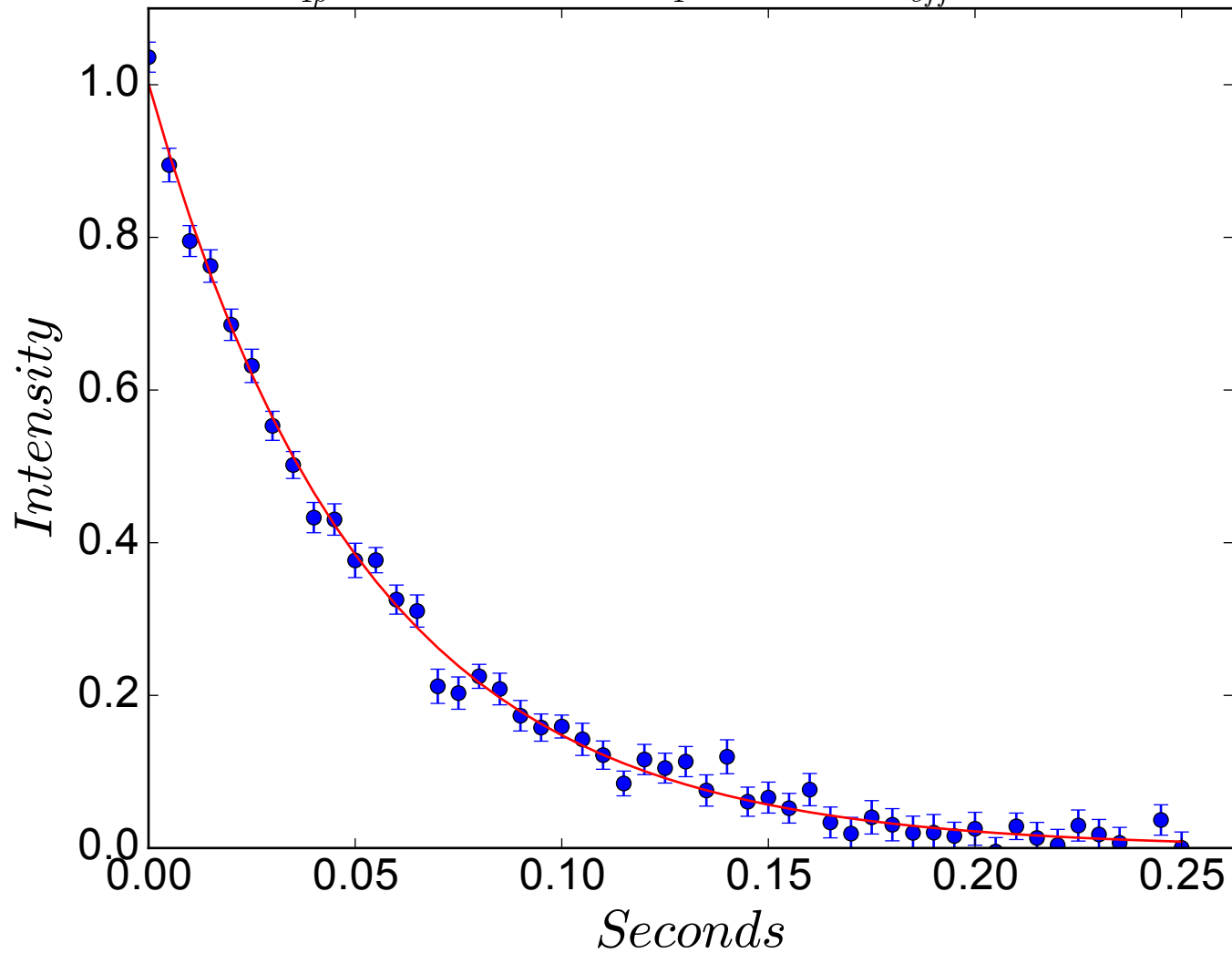
$$R_{1\rho} = 23.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 106 \text{ Hz}$$



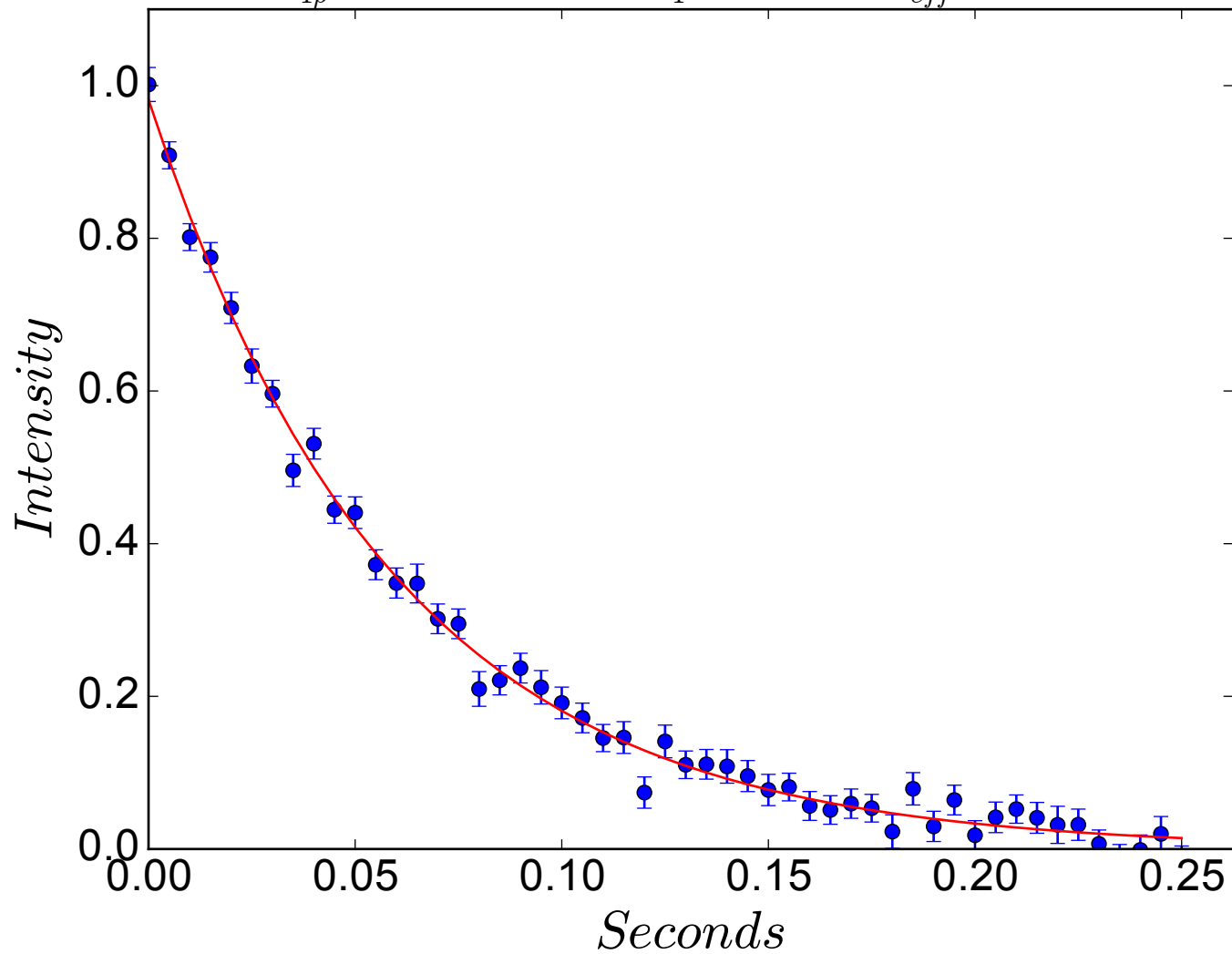
$$R_{1\rho} = 20.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 116 \text{ Hz}$$



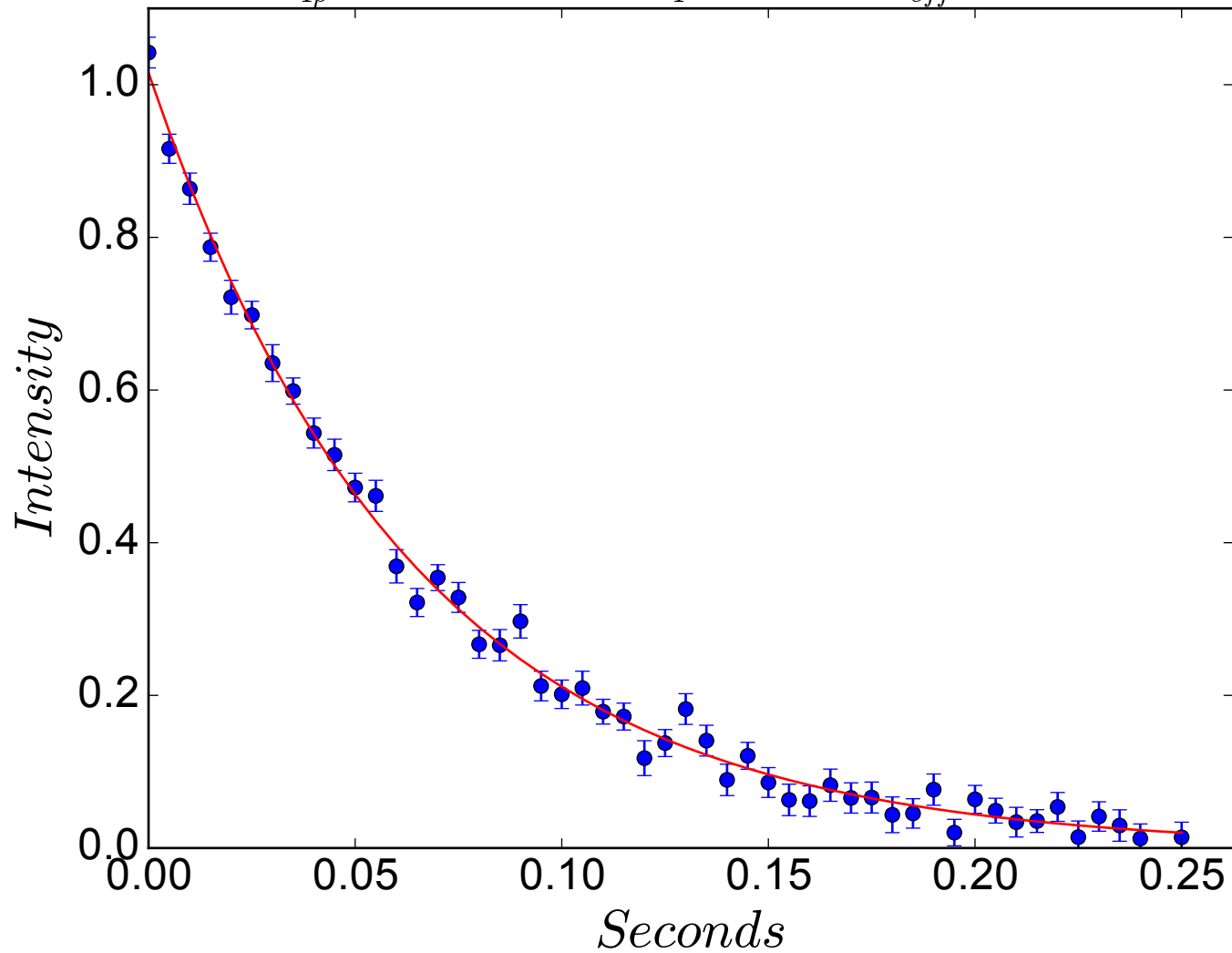
$$R_{1\rho} = 19.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 126 \text{ Hz}$$



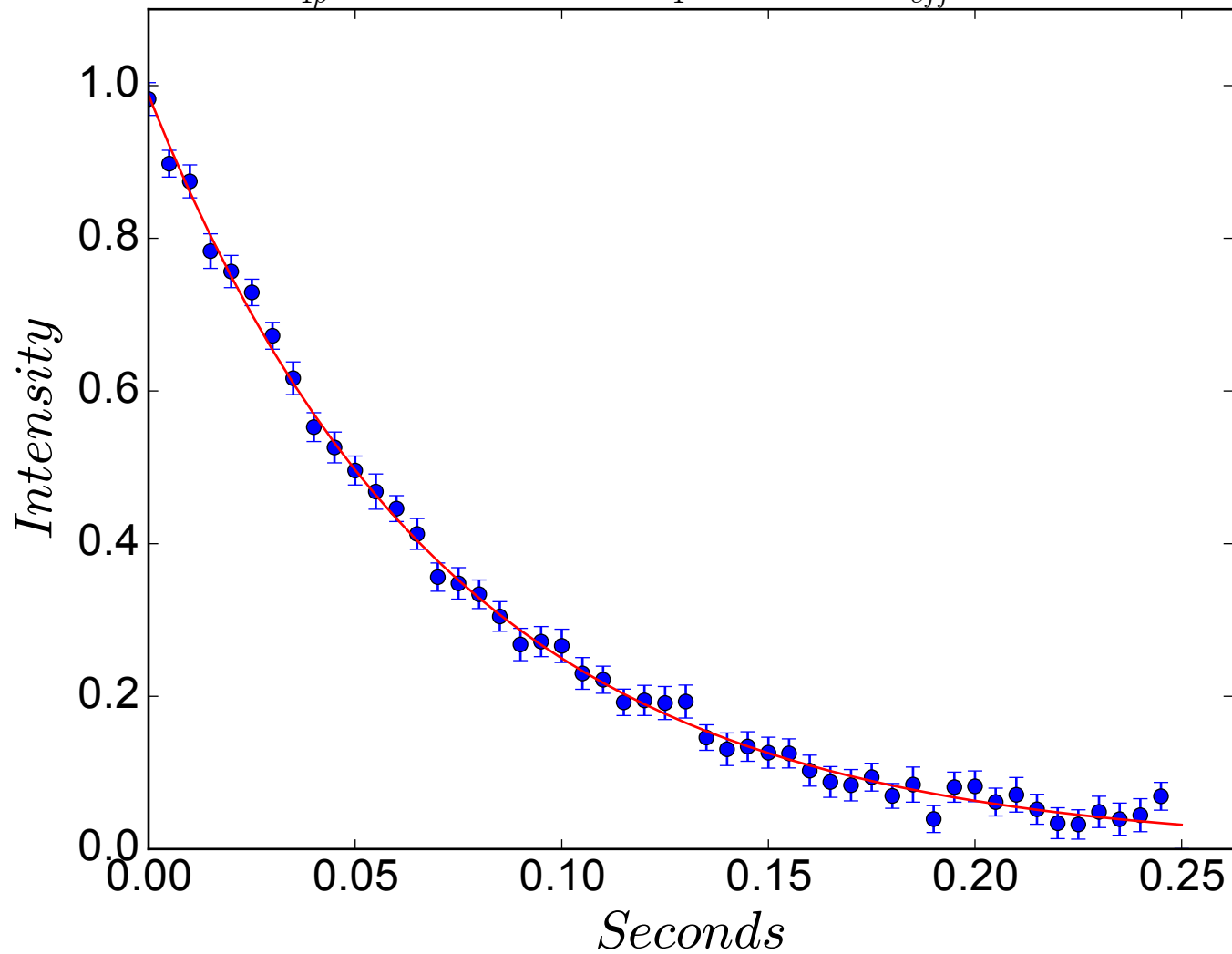
$$R_{1\rho} = 16.9 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 136 \text{ Hz}$$



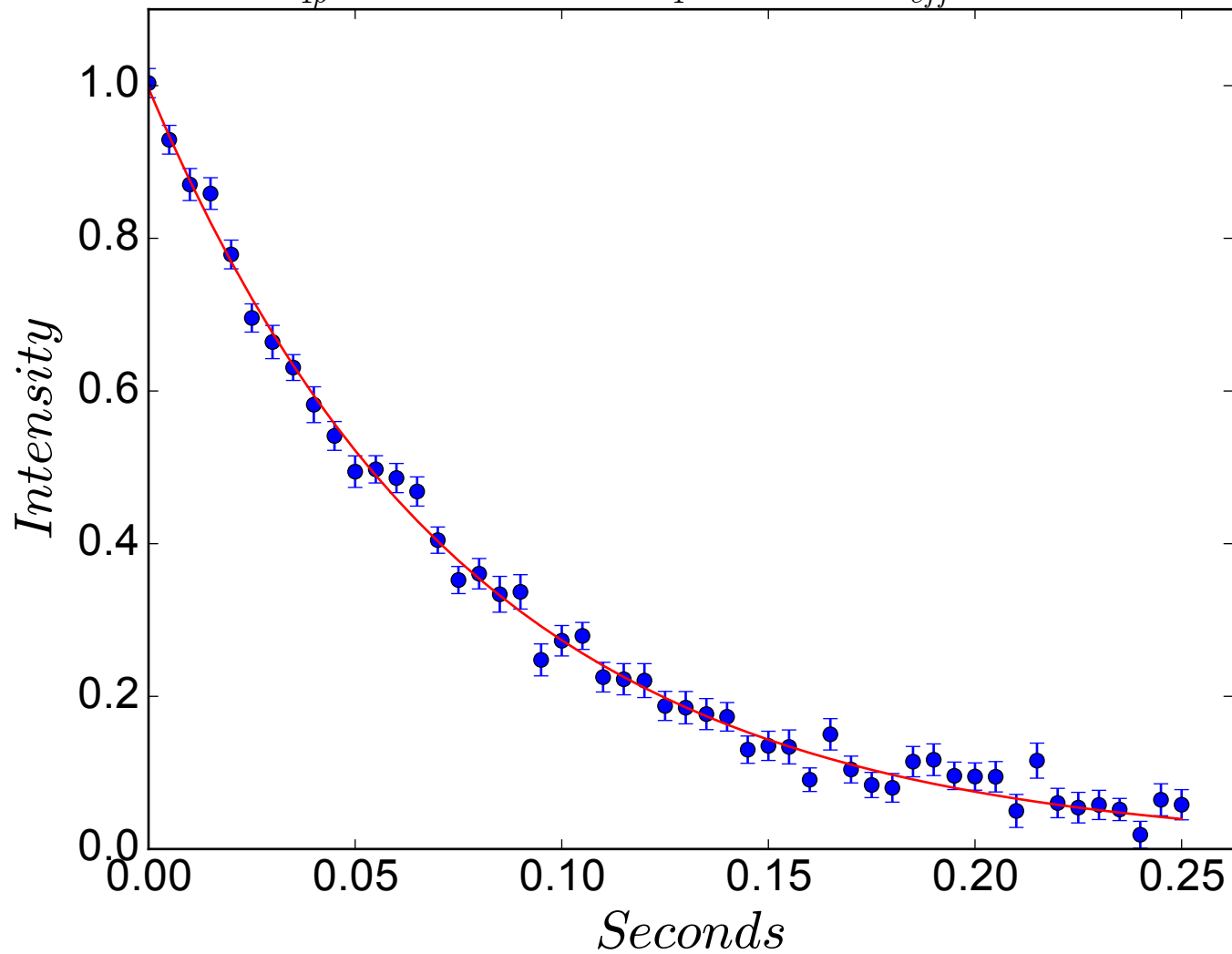
$$R_{1\rho} = 15.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 146 \text{ Hz}$$



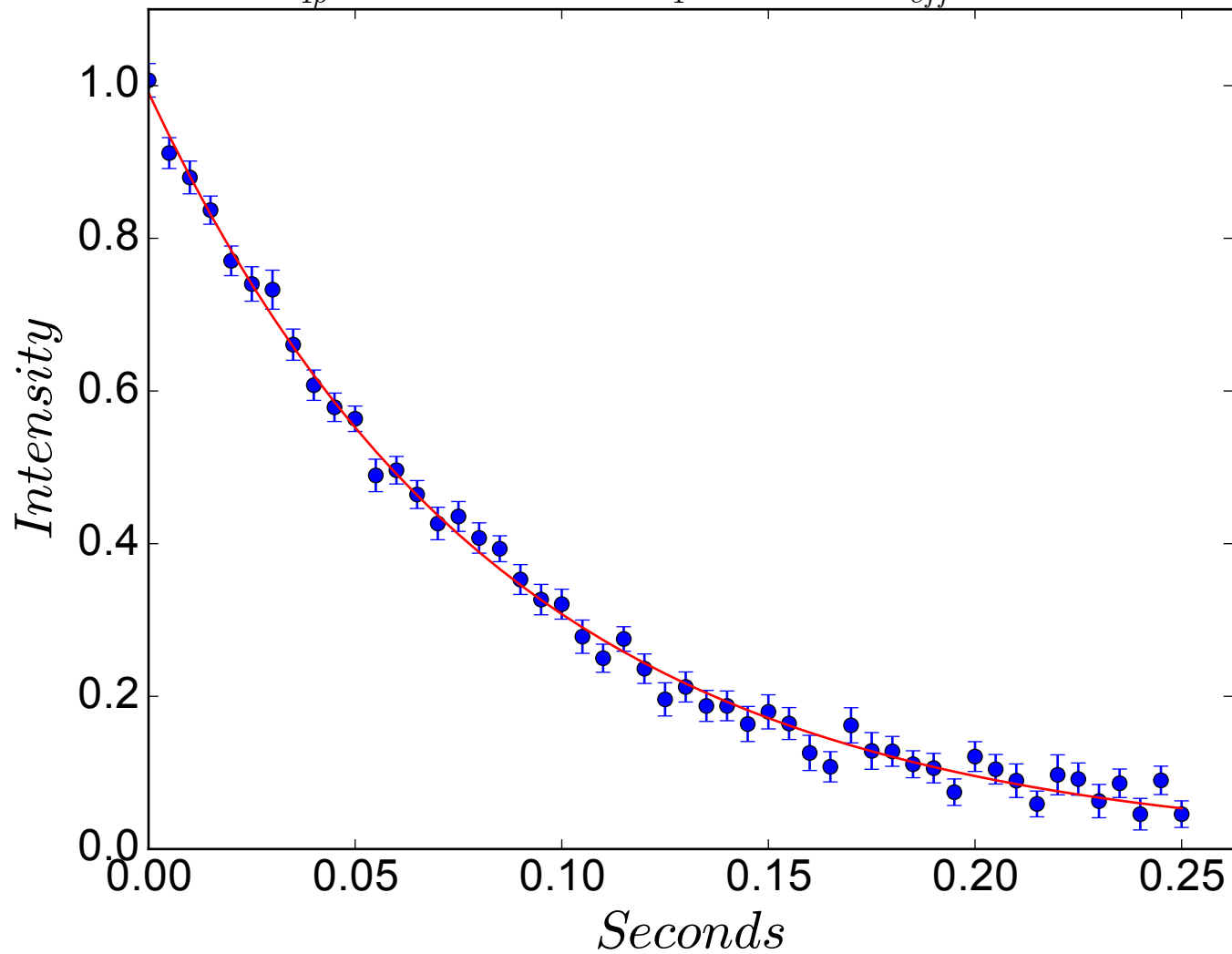
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 156 \text{ Hz}$$



$$R_{1\rho} = 12.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 166 \text{ Hz}$$

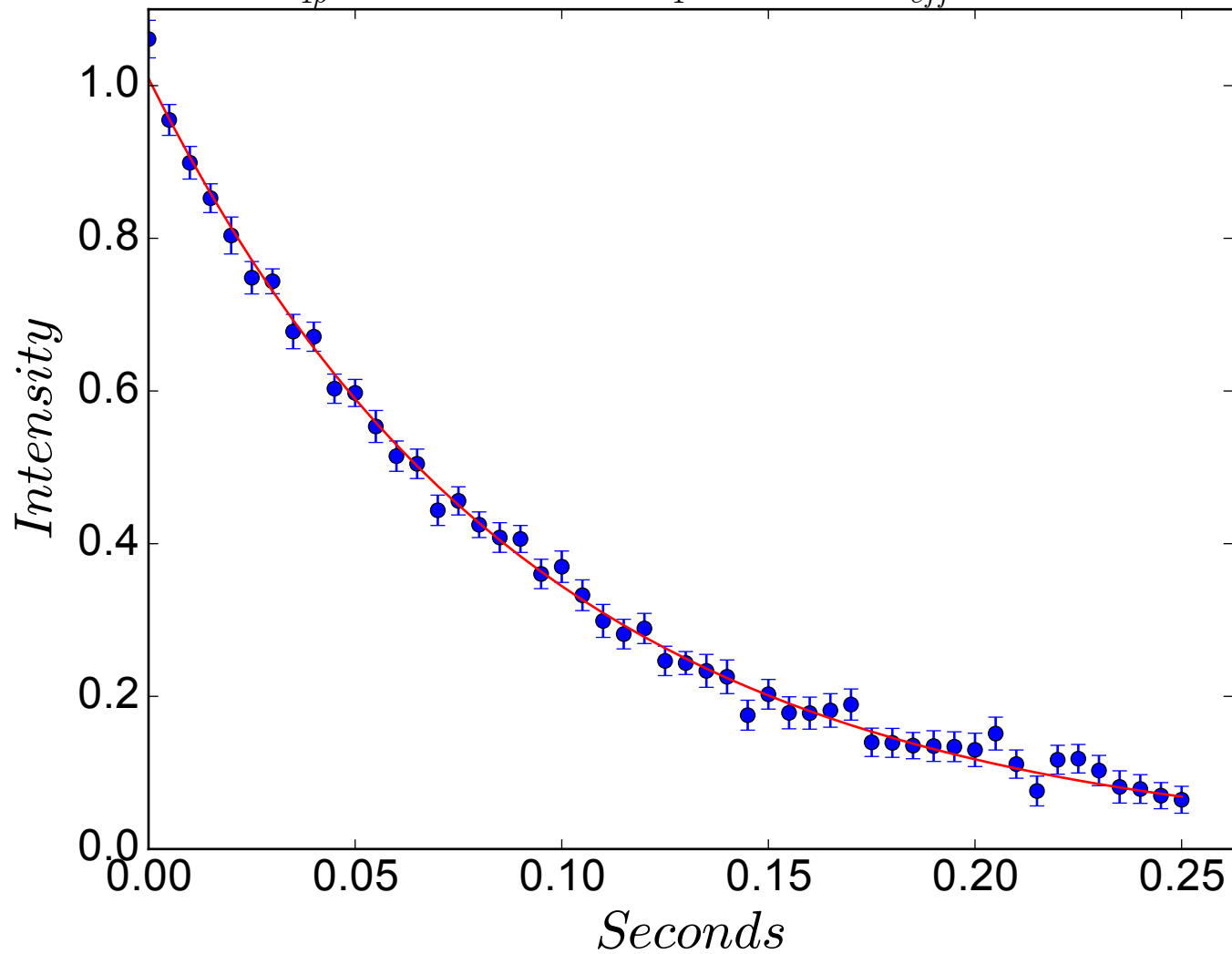


$$R_{1\rho} = 11.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 176 \text{ Hz}$$

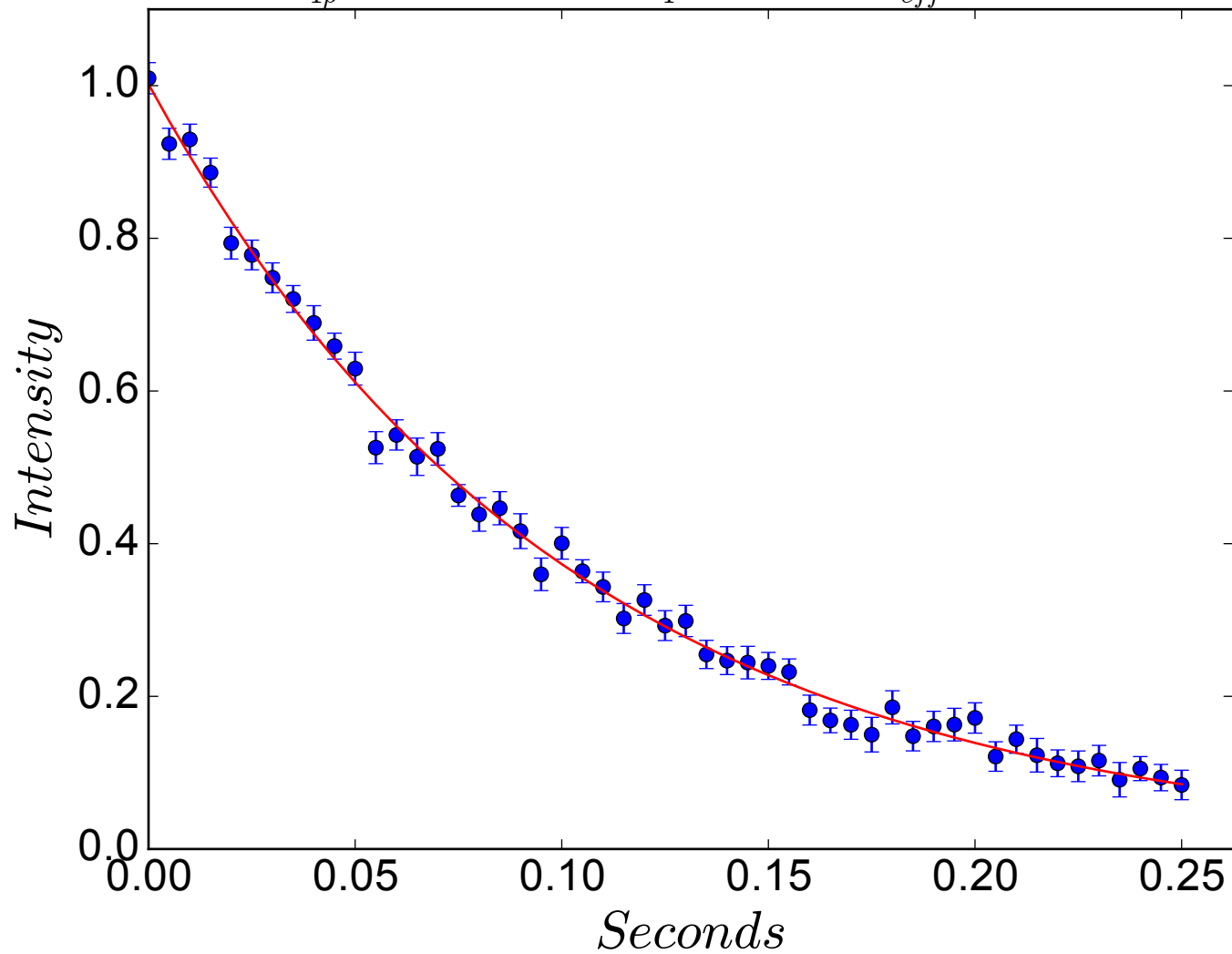




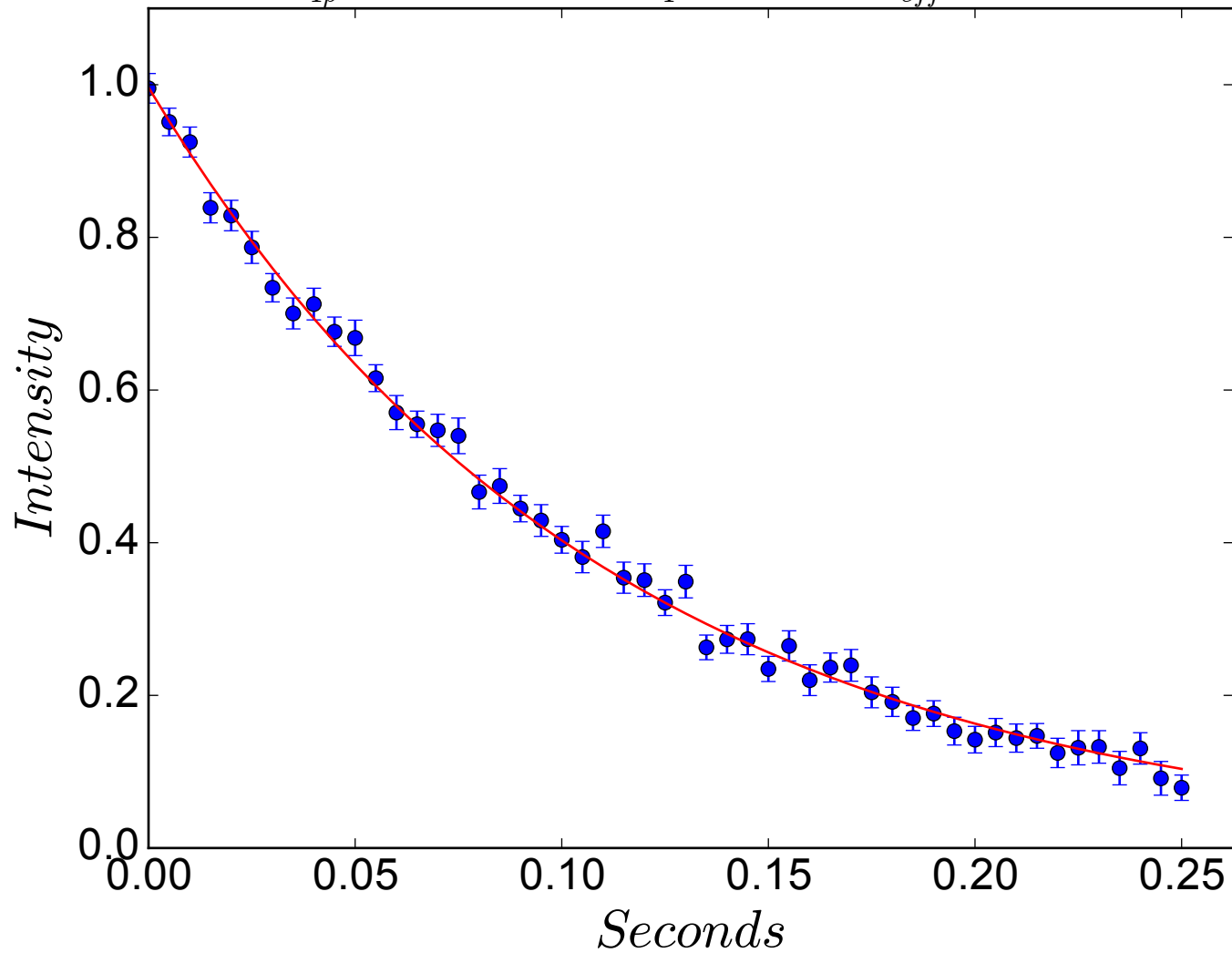
$$R_{1\rho} = 10.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 186 \text{ Hz}$$



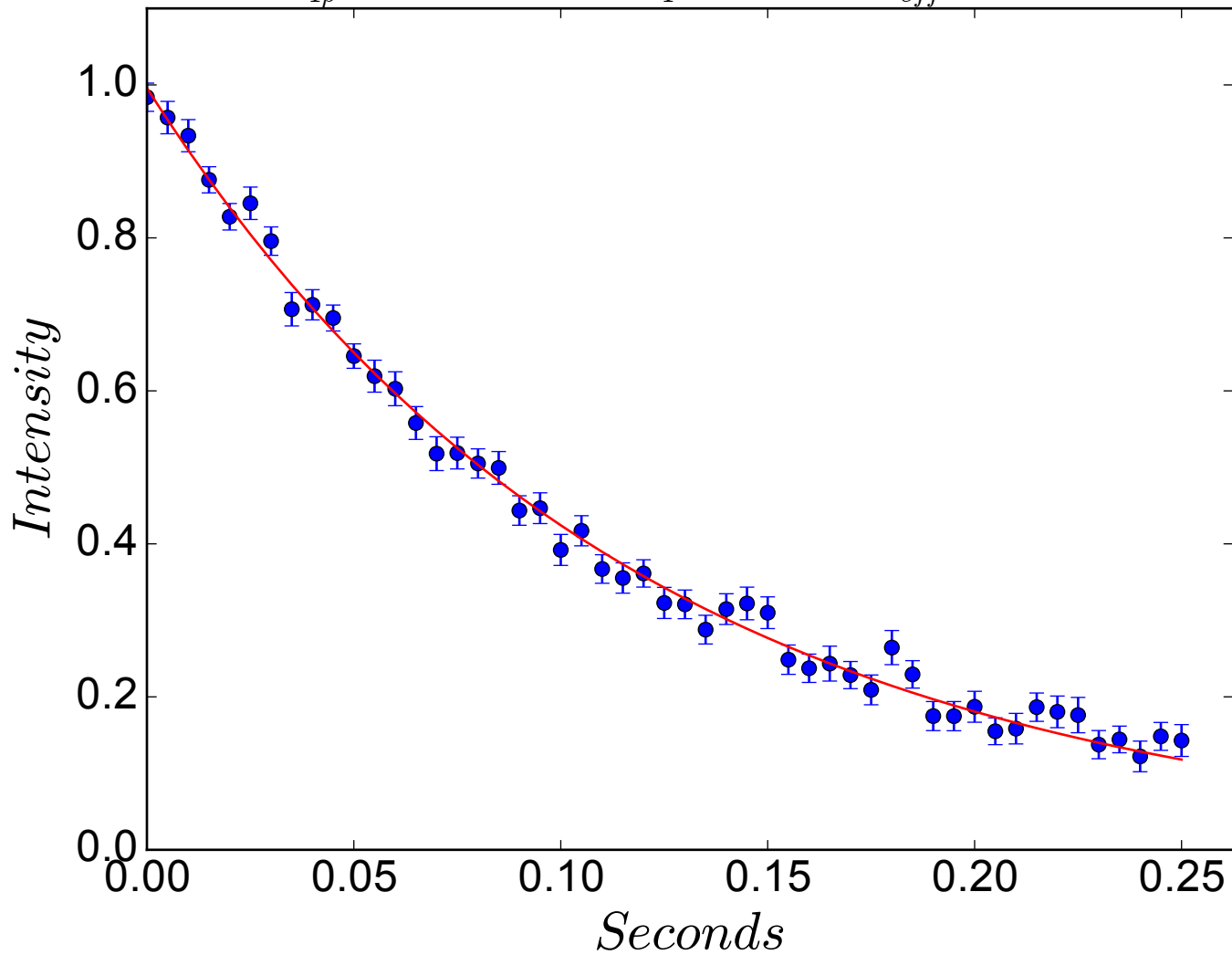
$$R_{1\rho} = 9.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 196 \text{ Hz}$$



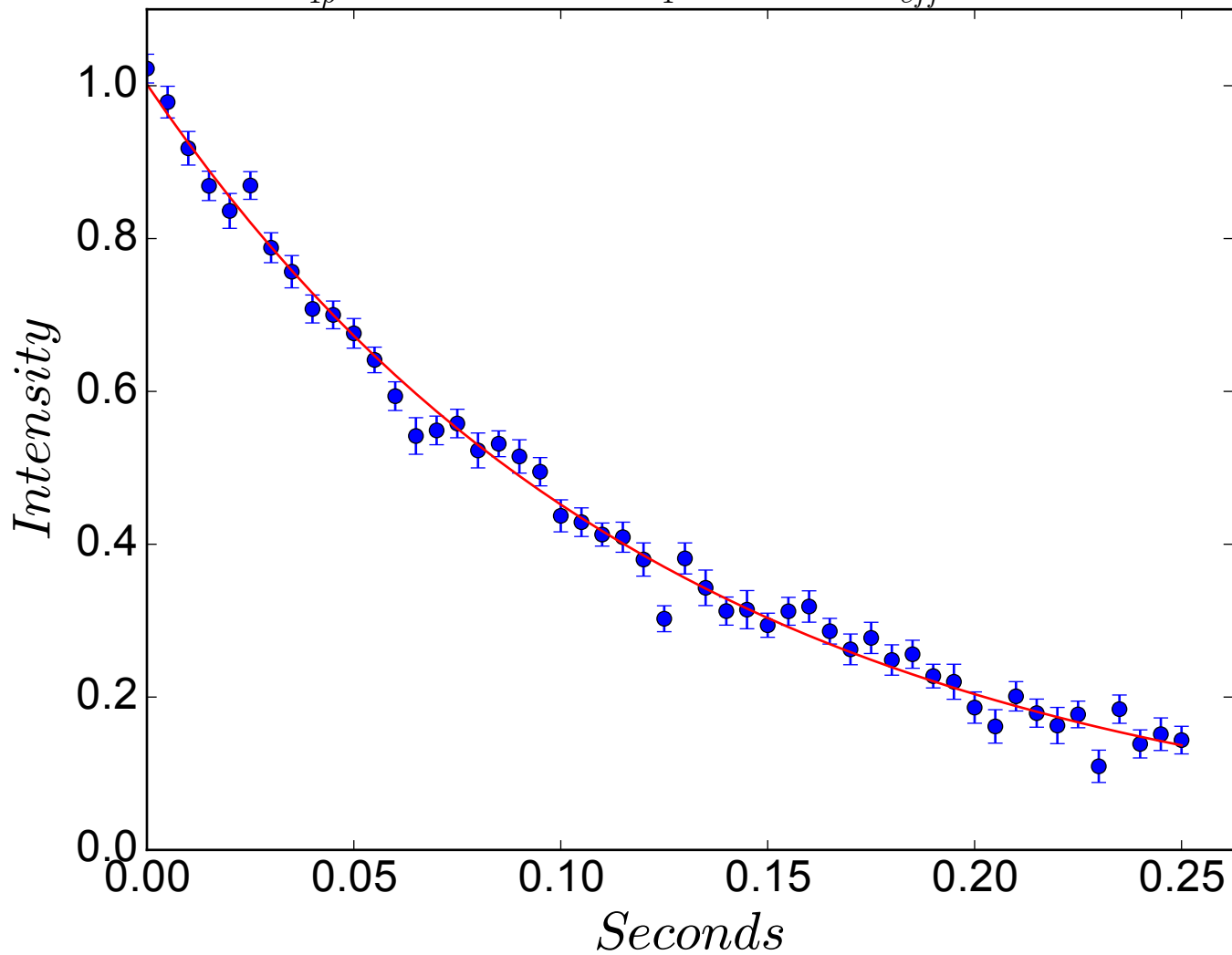
$$R_{1\rho} = 9.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 206 \text{ Hz}$$



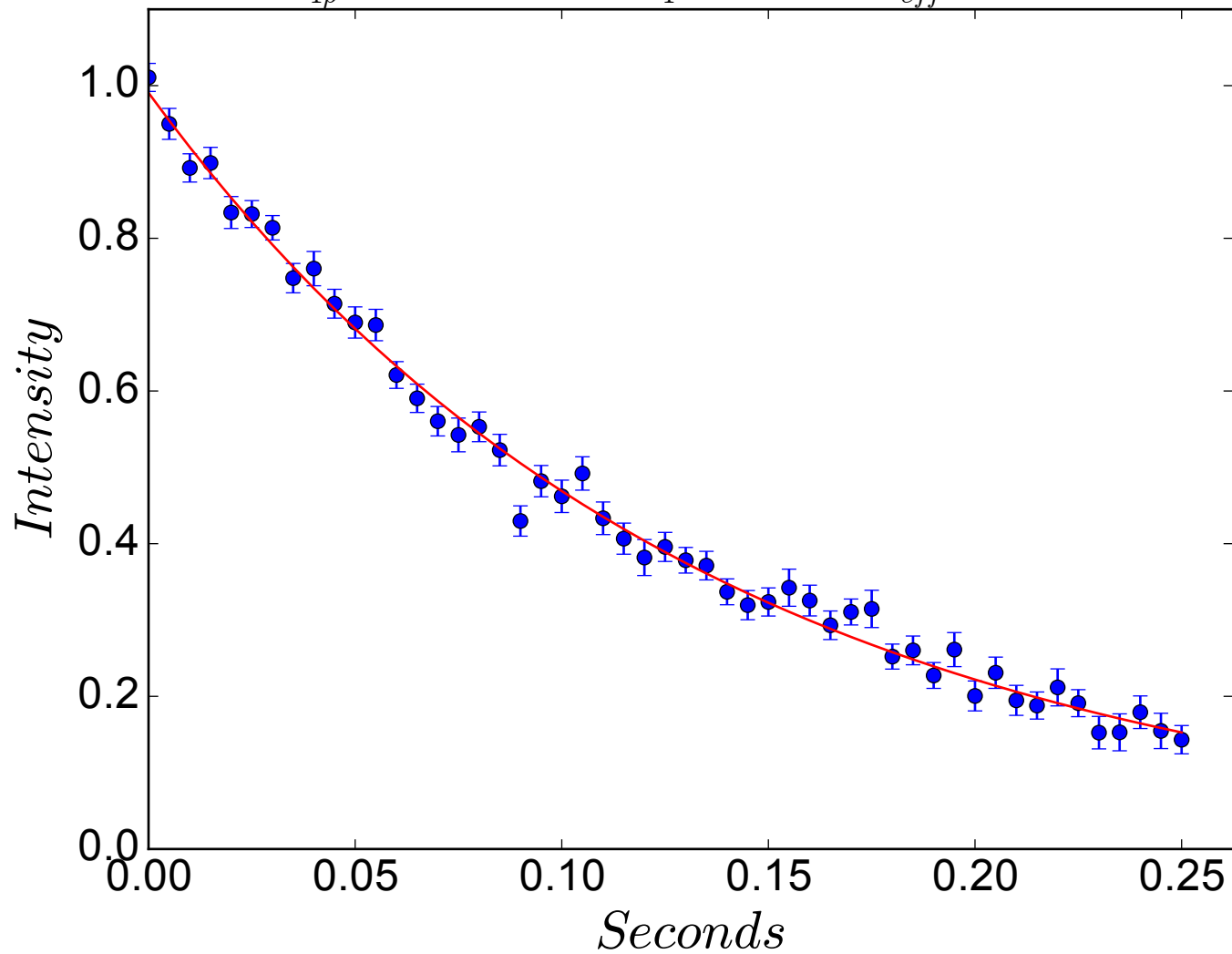
$$R_{1\rho} = 8.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 216 \text{ Hz}$$



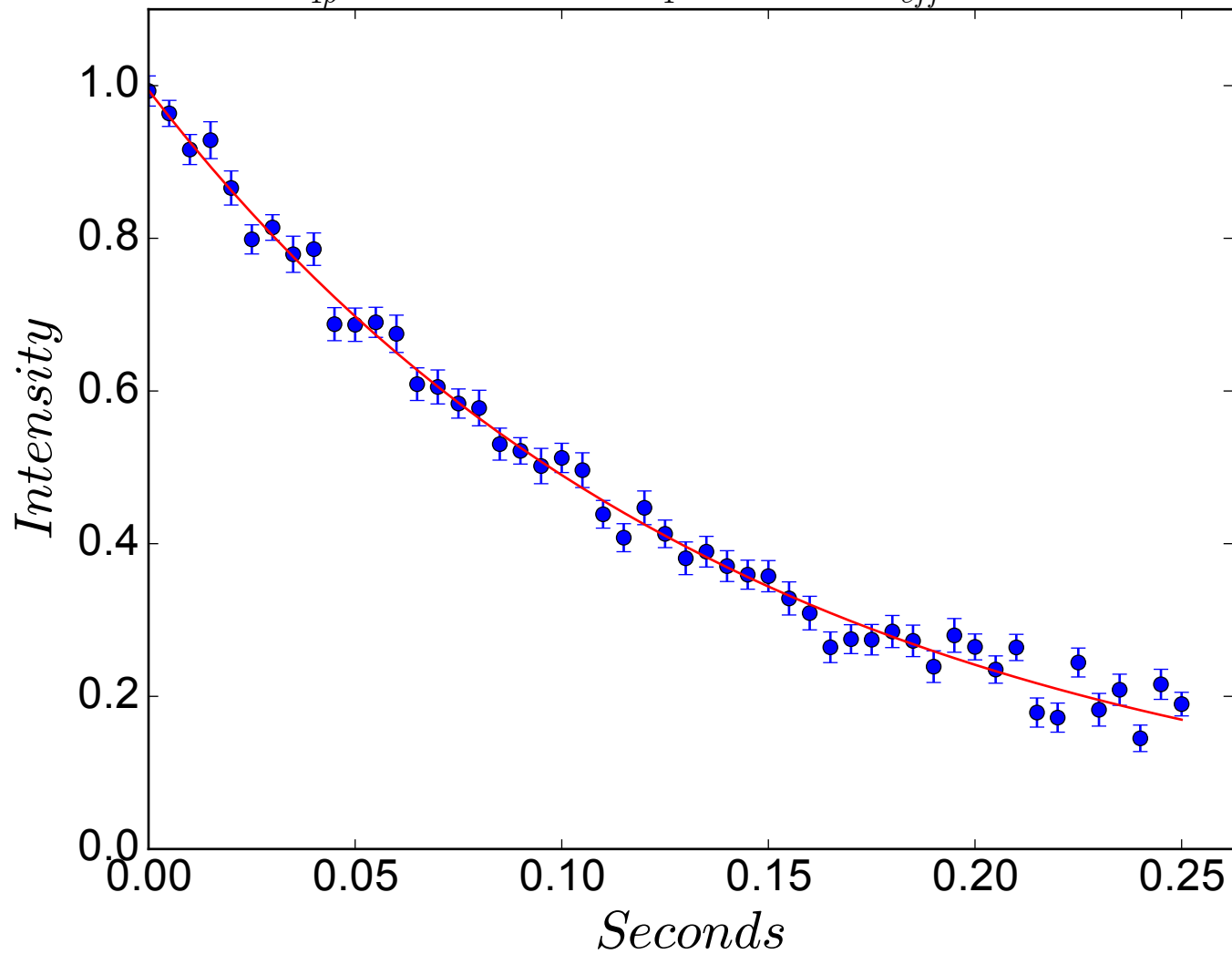
$$R_{1\rho} = 8.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 226 \text{ Hz}$$



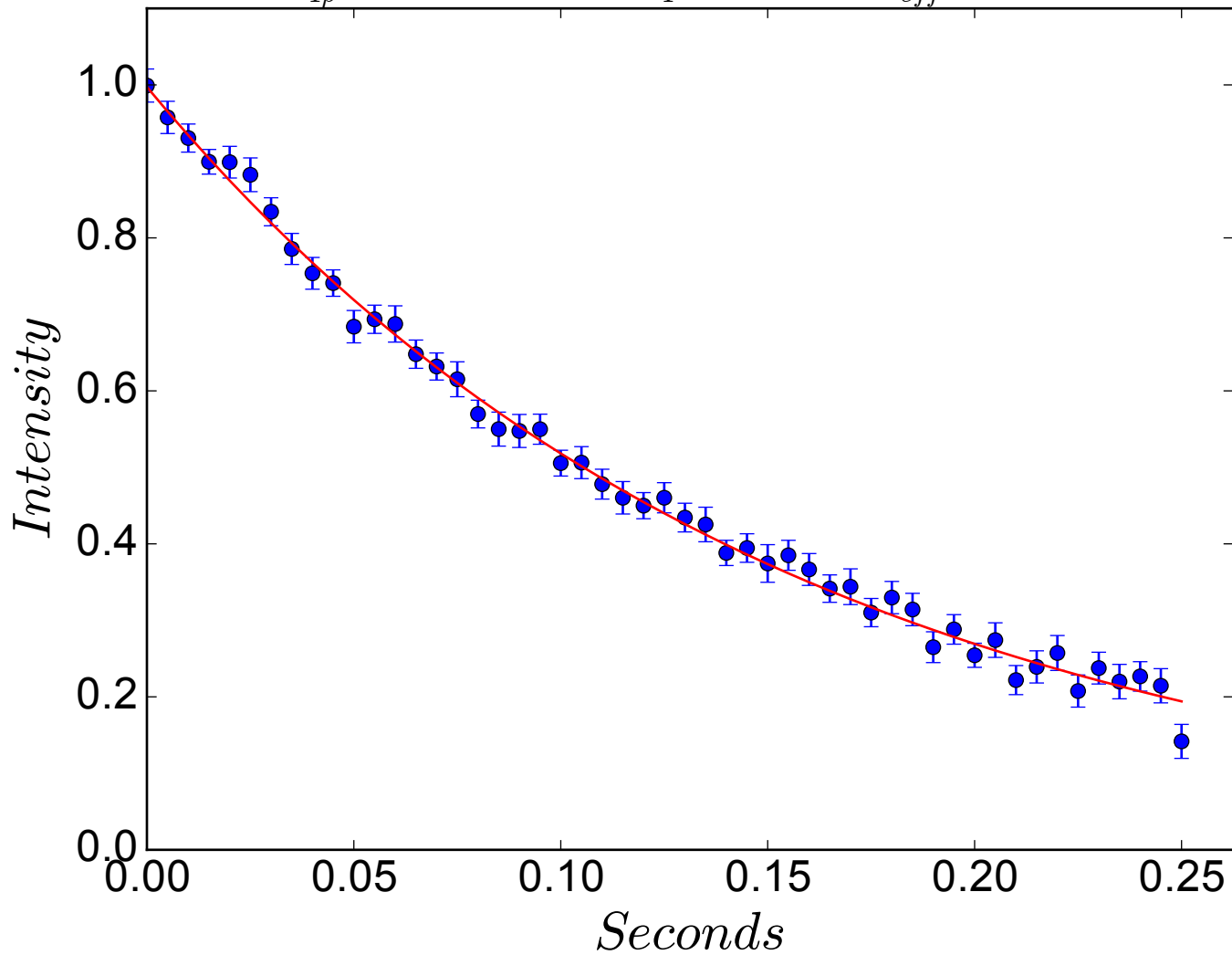
$$R_{1\rho} = 7.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 236 \text{ Hz}$$



$$R_{1\rho} = 7.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 246 \text{ Hz}$$

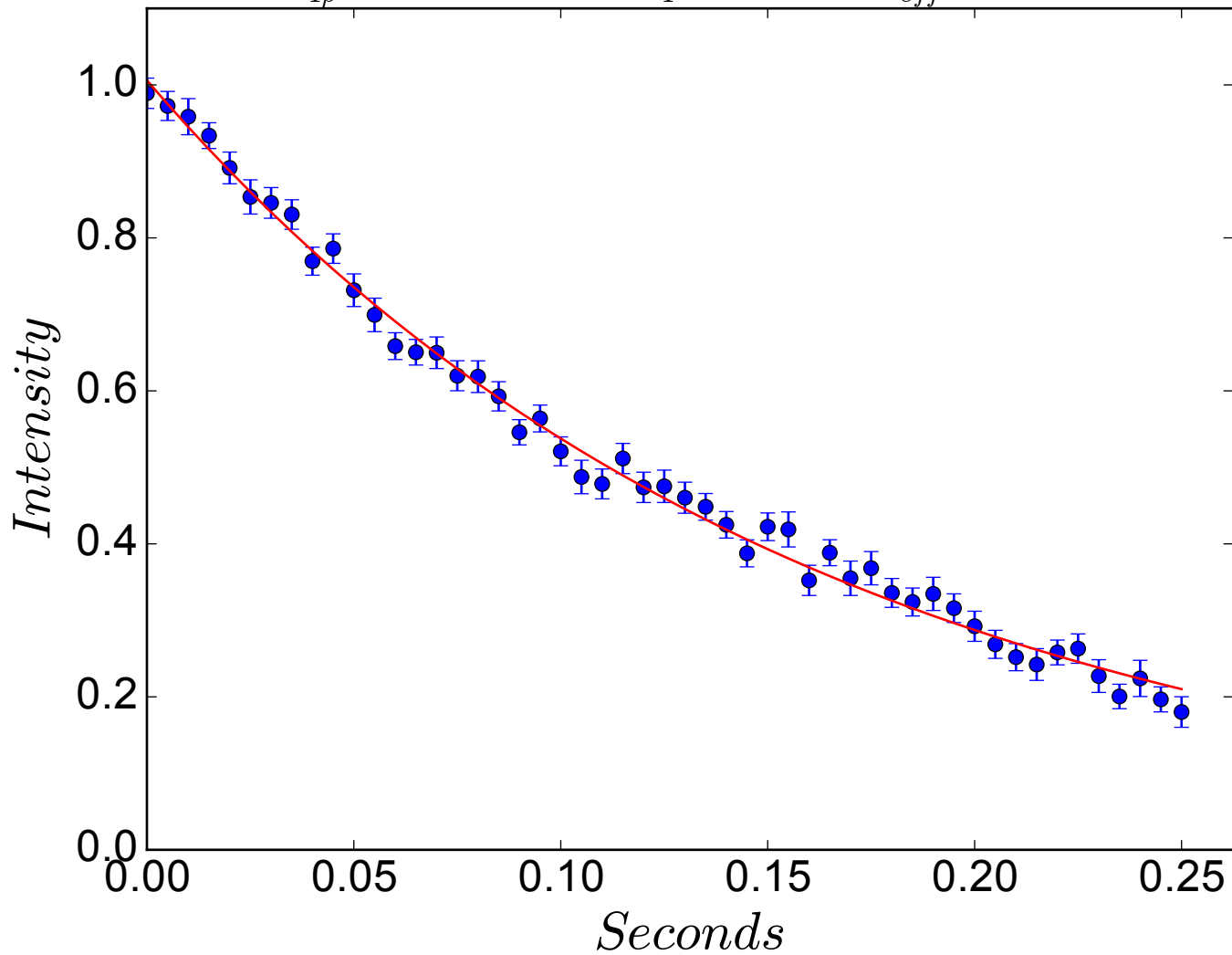


$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 256 \text{ Hz}$$

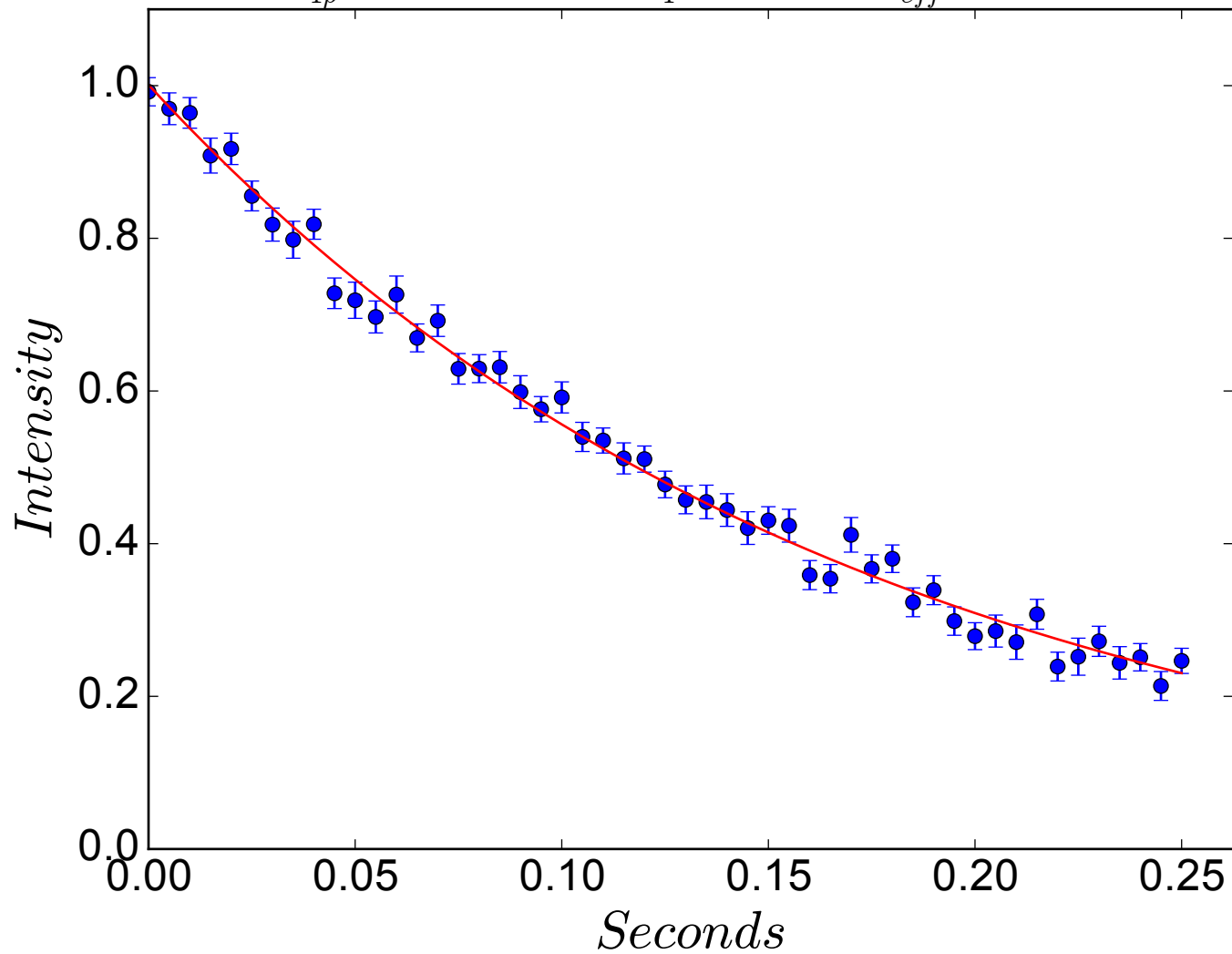




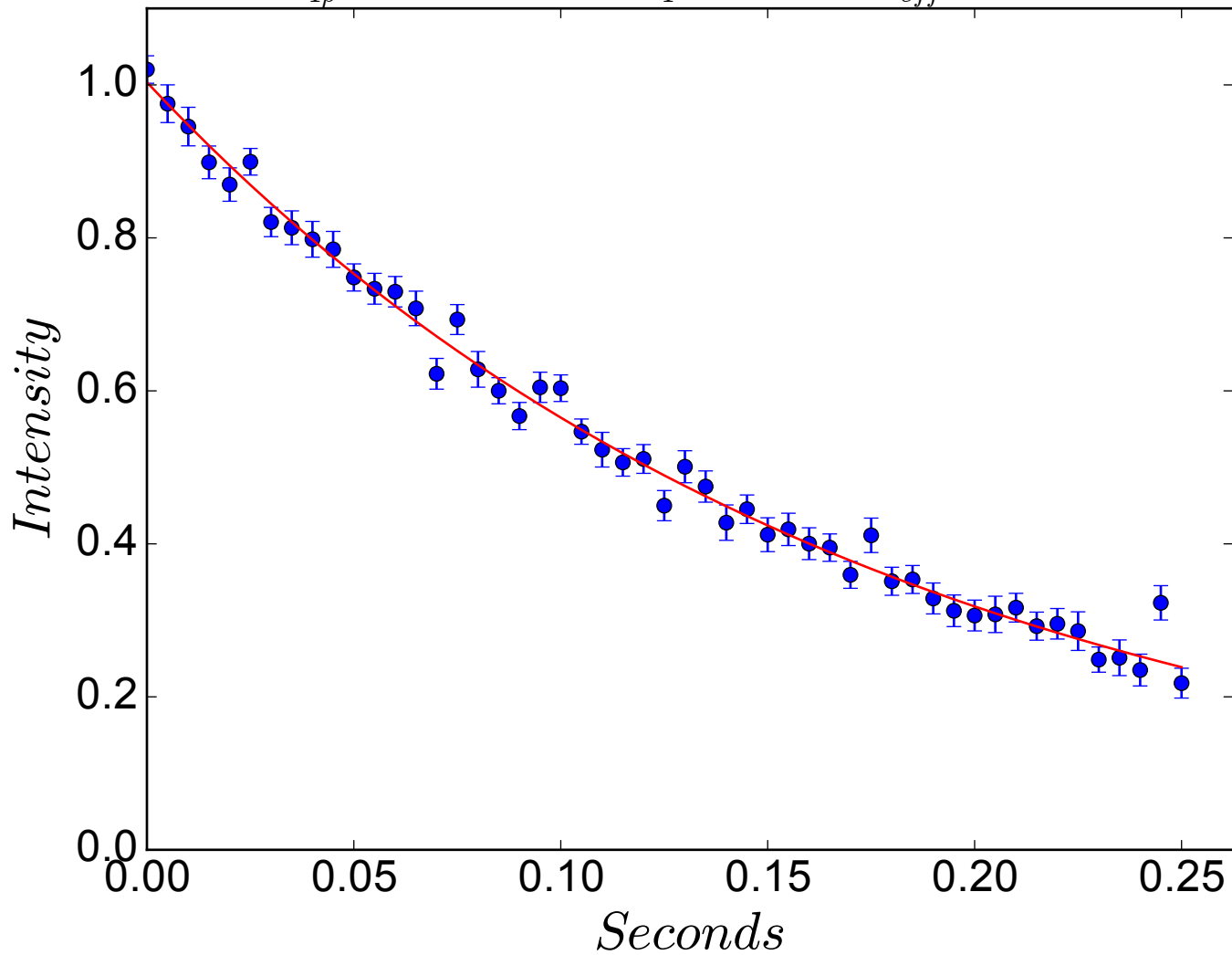
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 266 \text{ Hz}$$



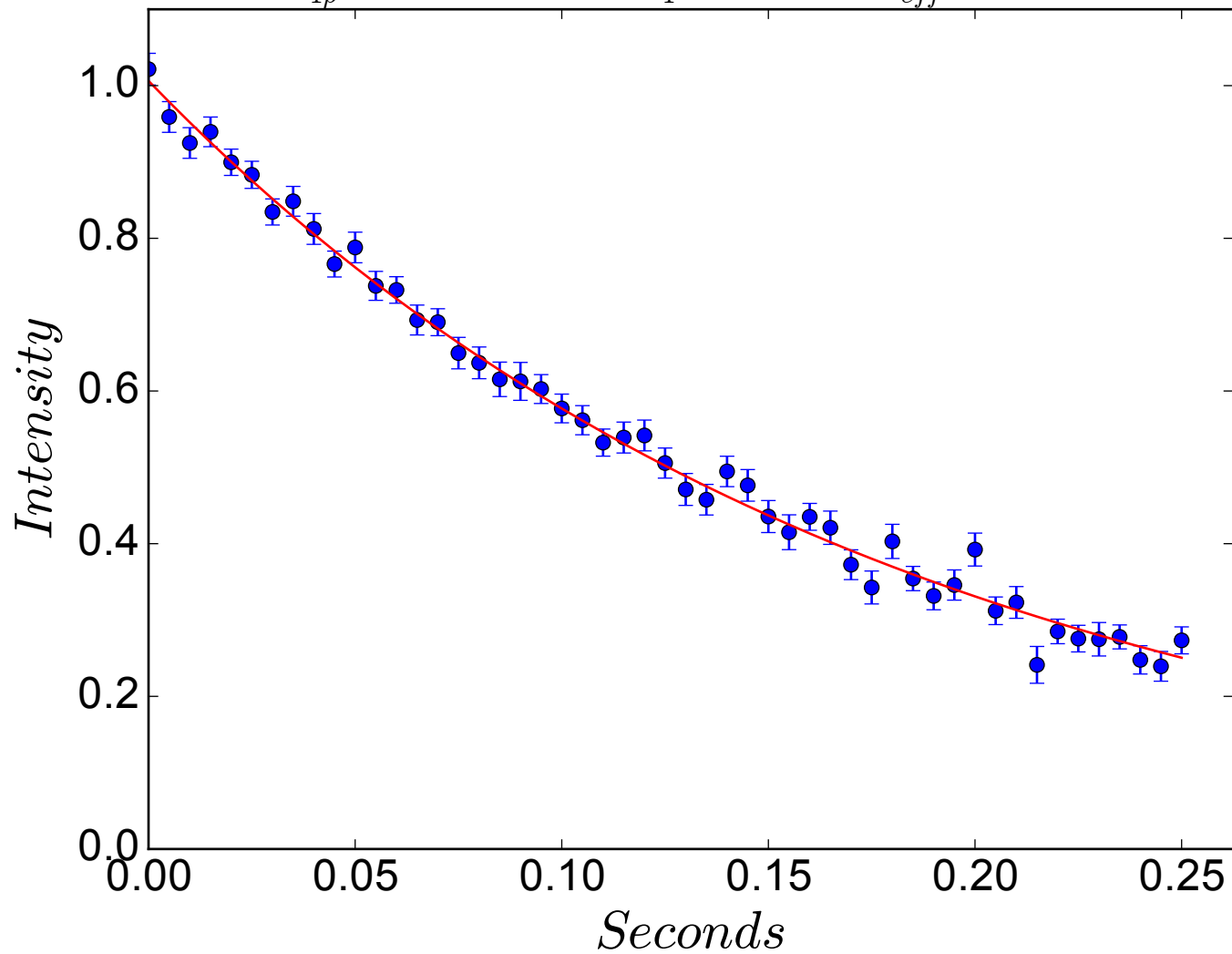
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 276 \text{ Hz}$$



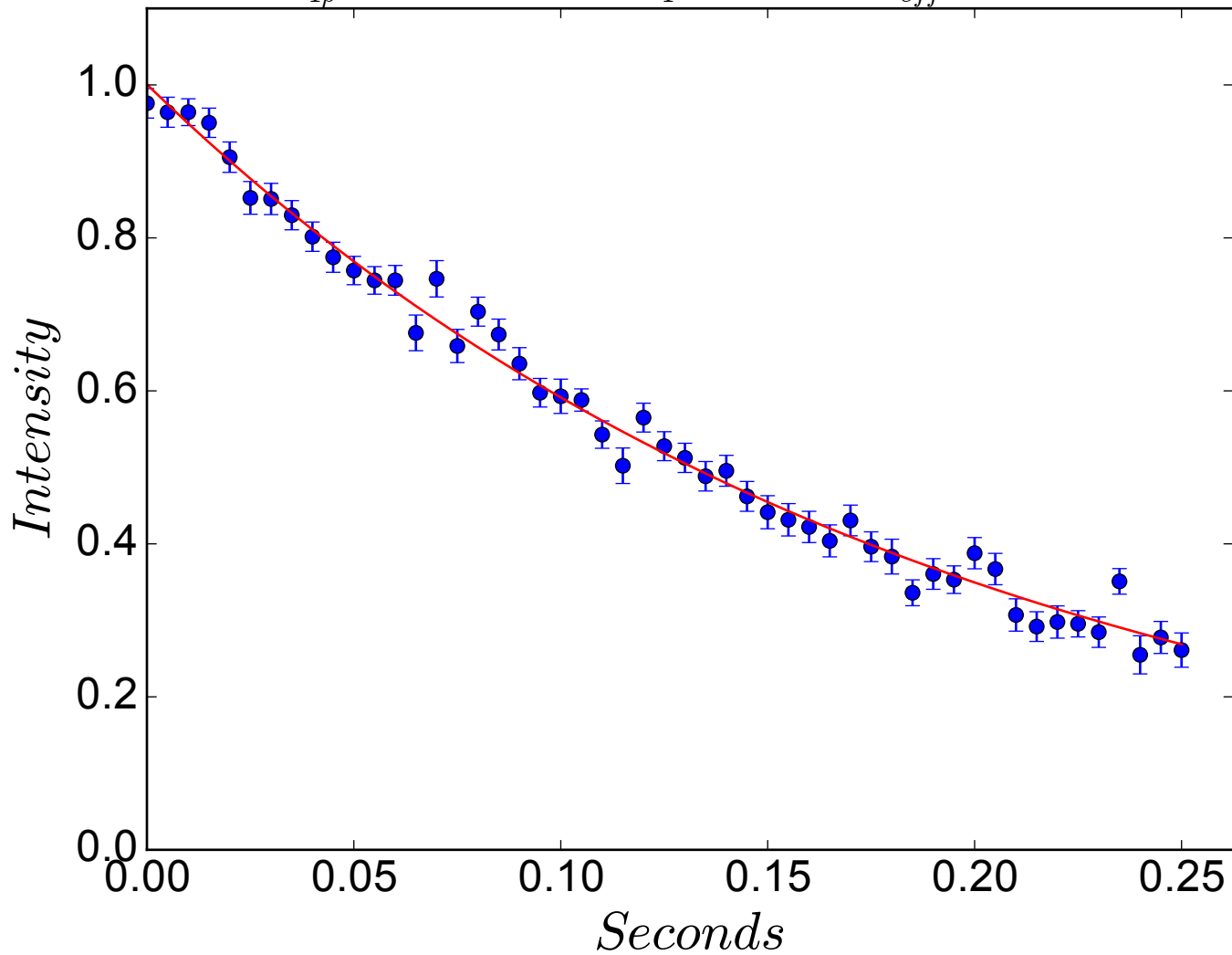
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 286 \text{ Hz}$$



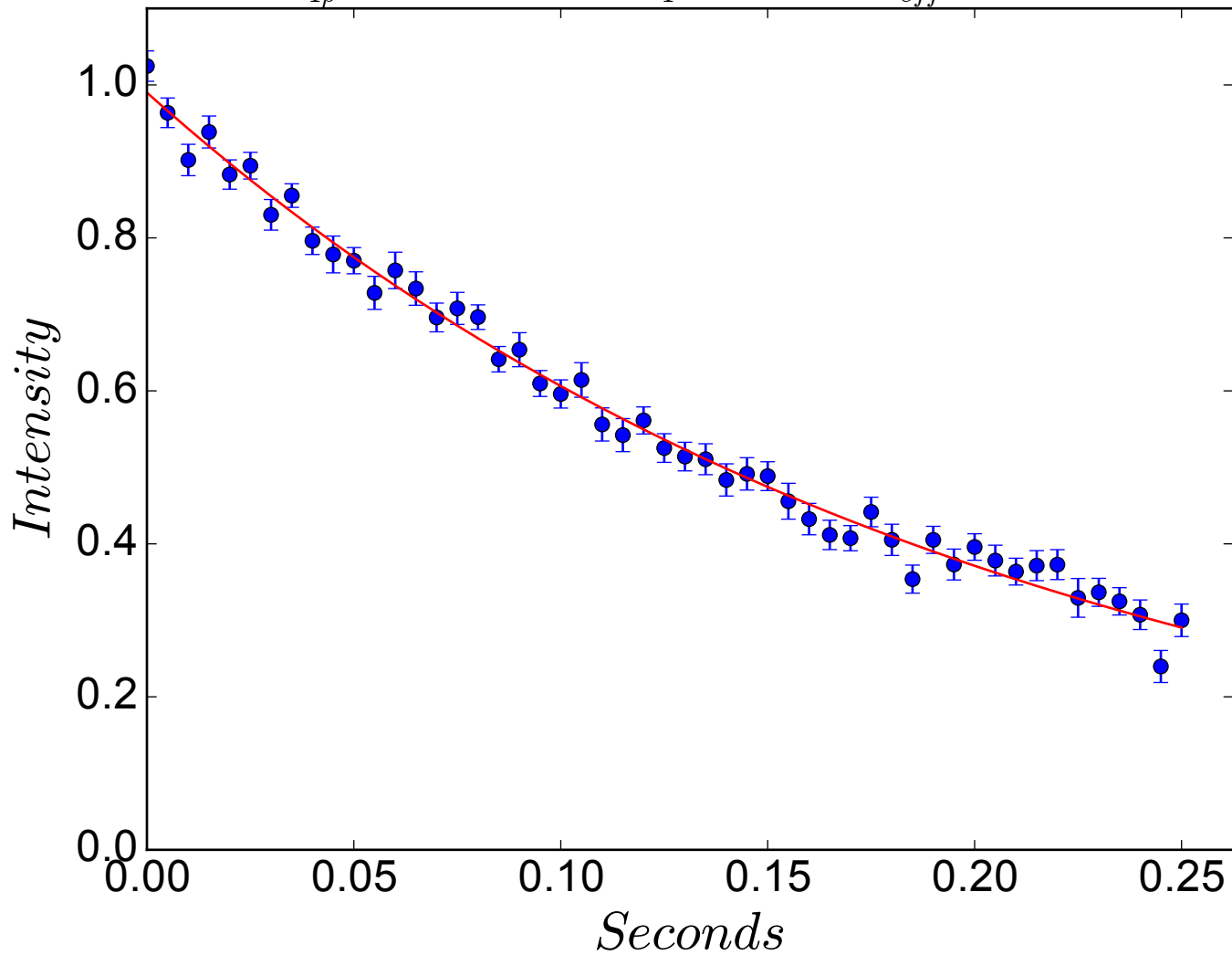
$$R_{1\rho} = 5.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 296 \text{ Hz}$$



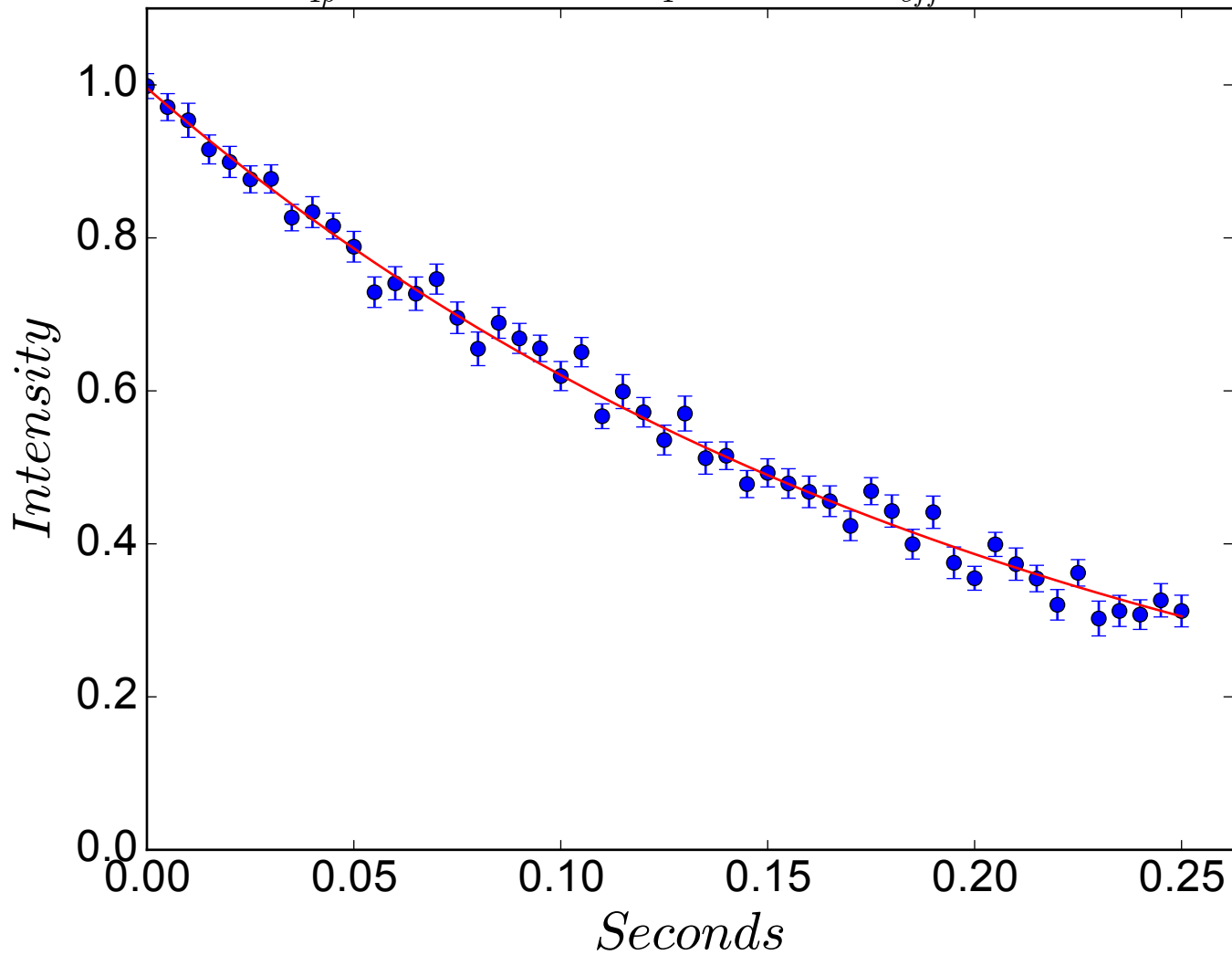
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 307 \text{ Hz}$$



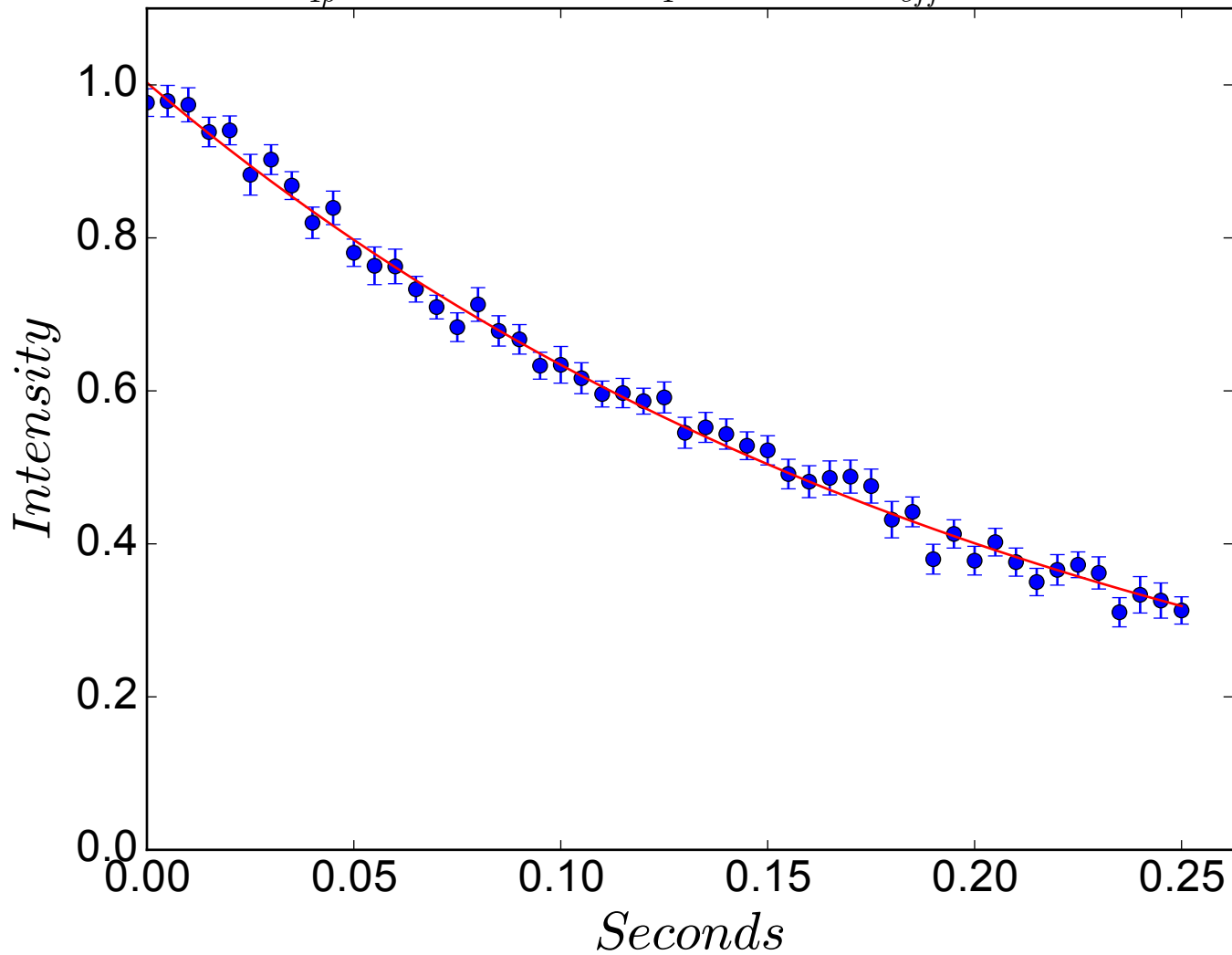
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 317 \text{ Hz}$$



$$R_{1\rho} = 4.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 327 \text{ Hz}$$

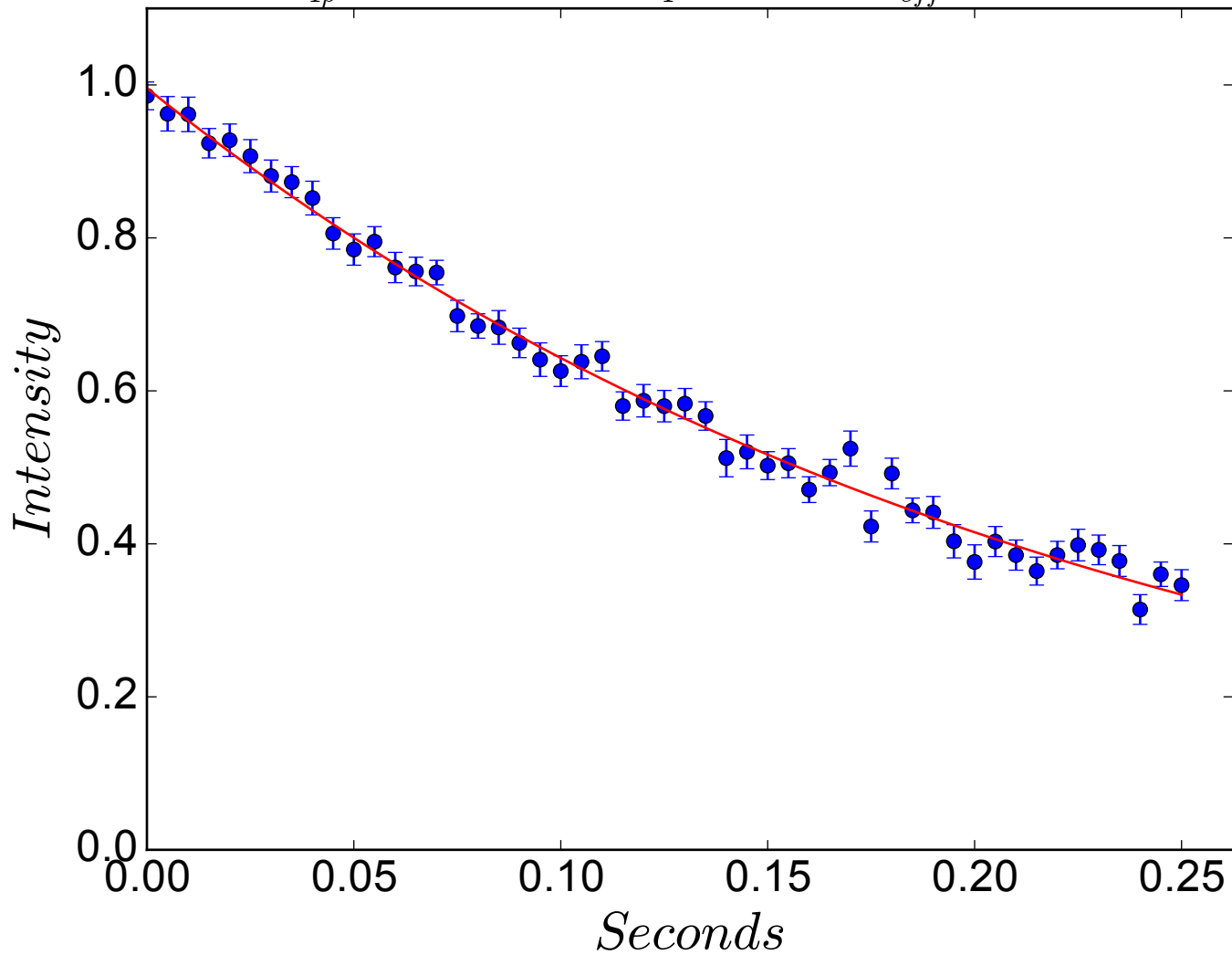


$$R_{1\rho} = 4.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 337 \text{ Hz}$$

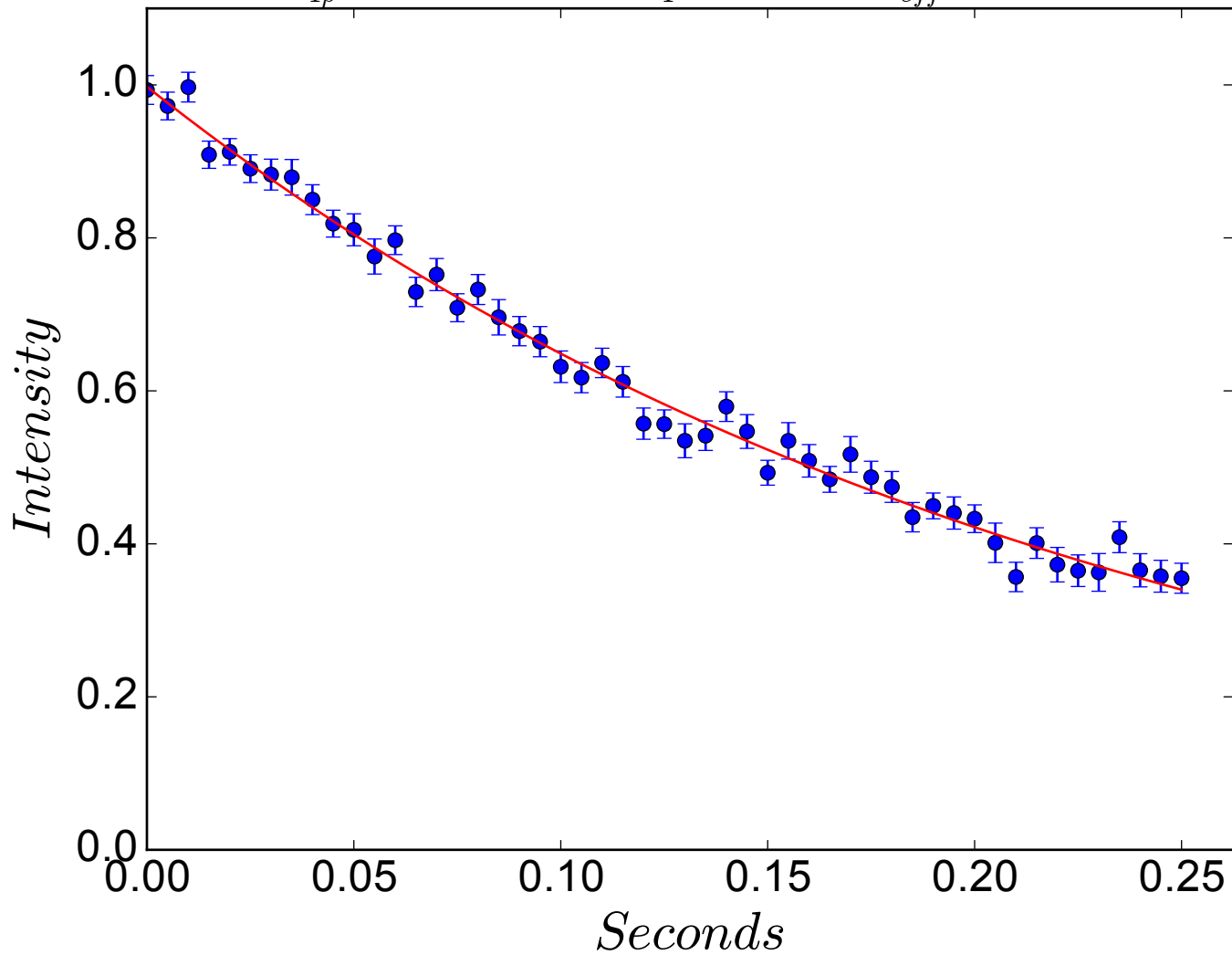




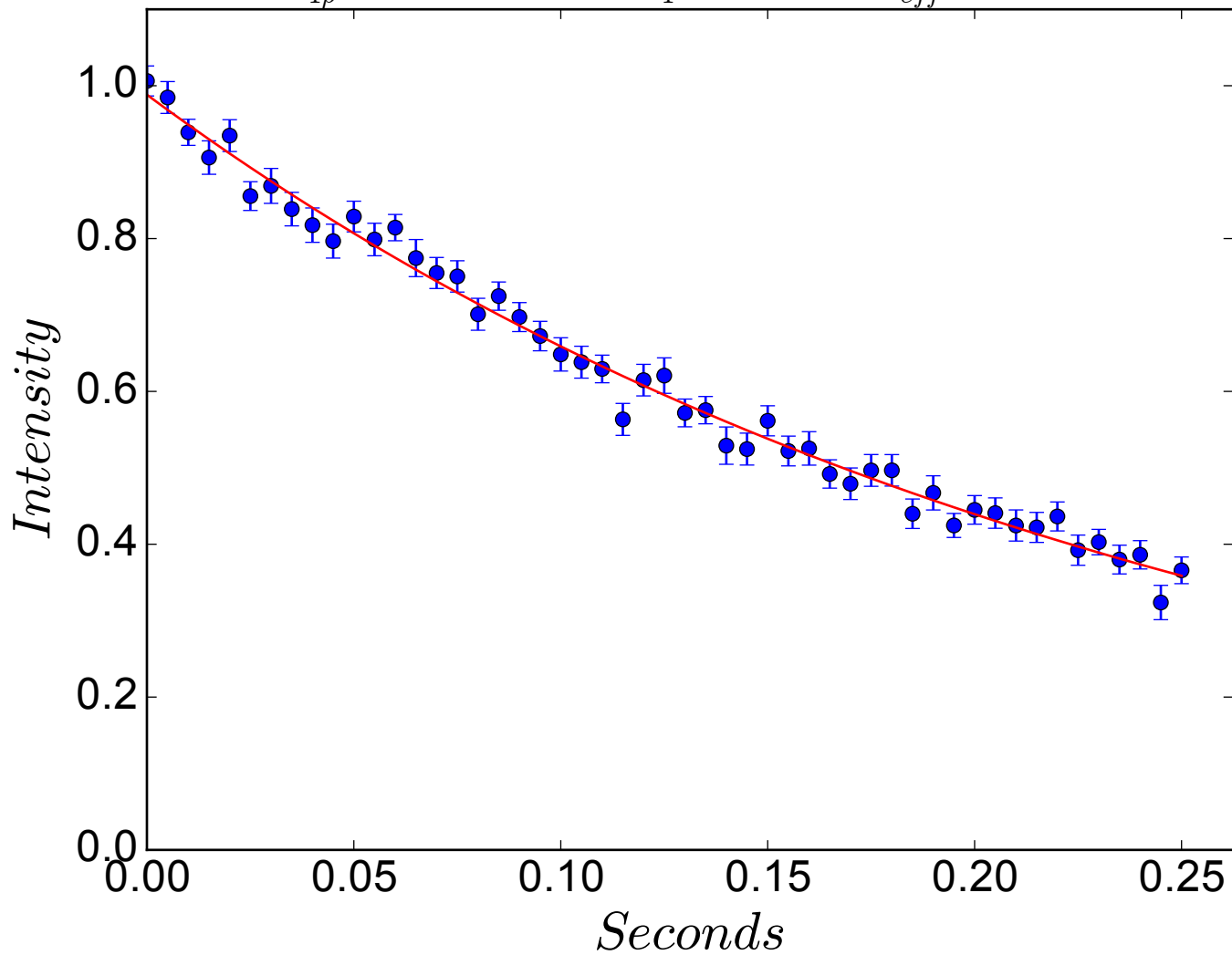
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 347 \text{ Hz}$$



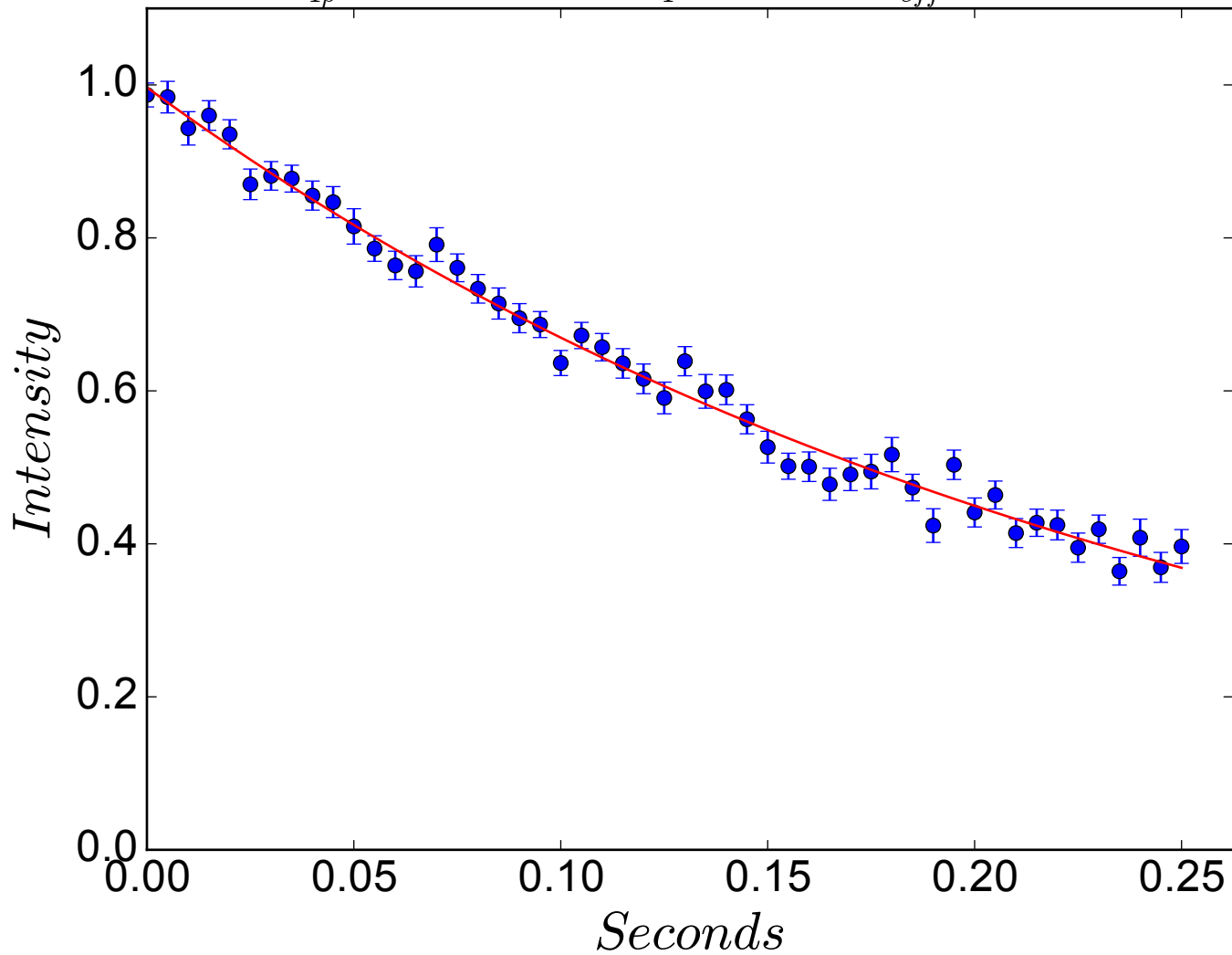
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 357 \text{ Hz}$$



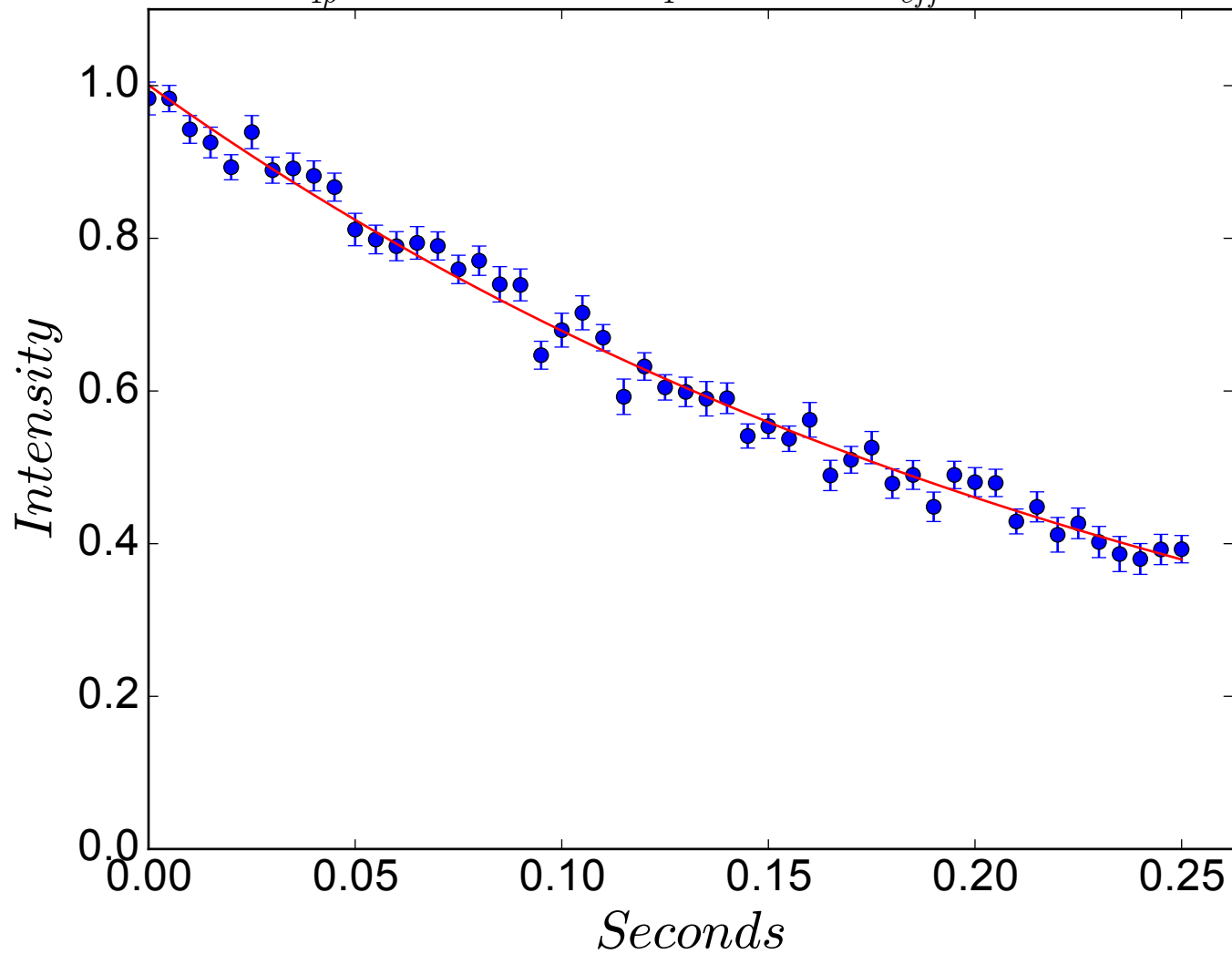
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 367 \text{ Hz}$$



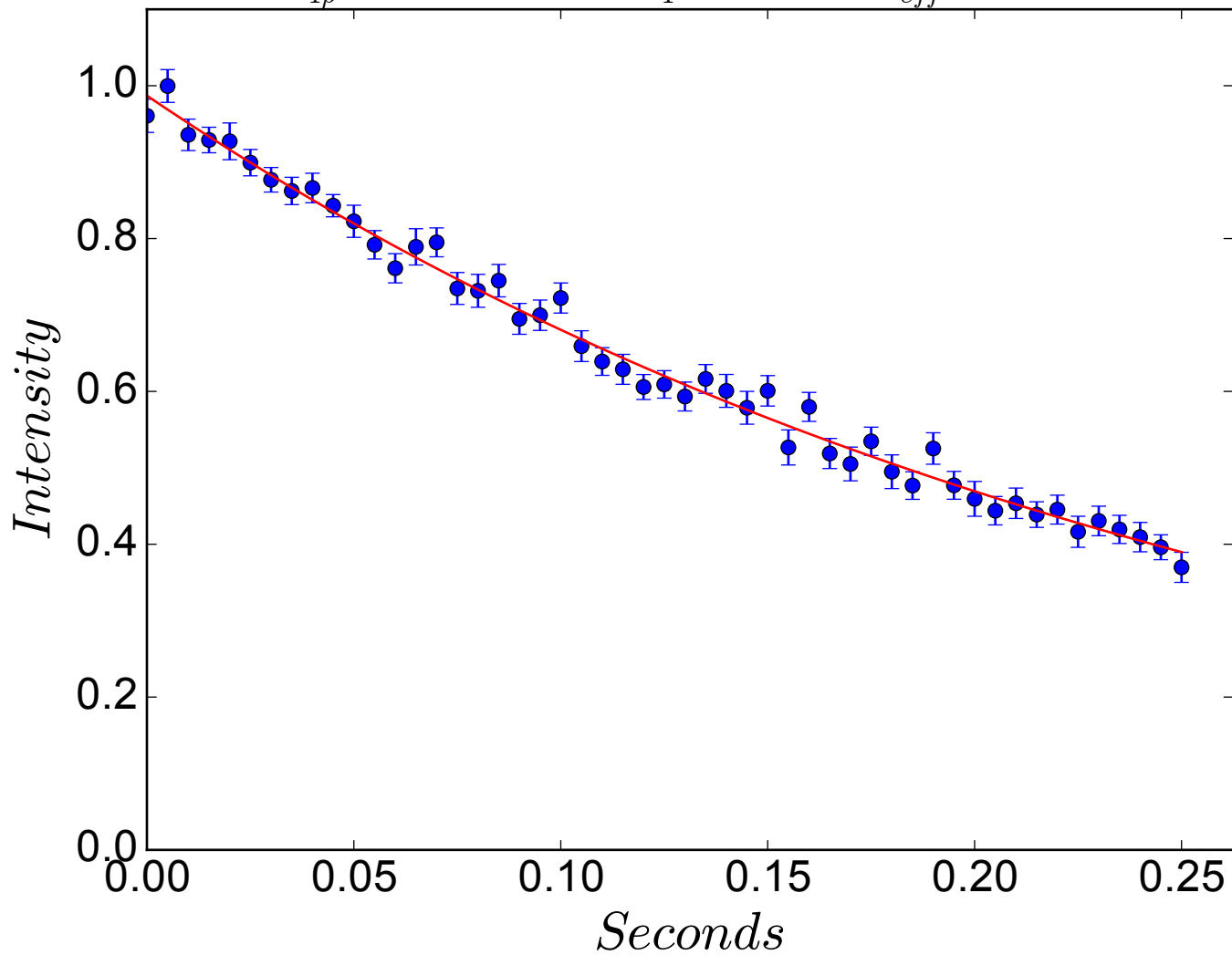
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 377 \text{ Hz}$$



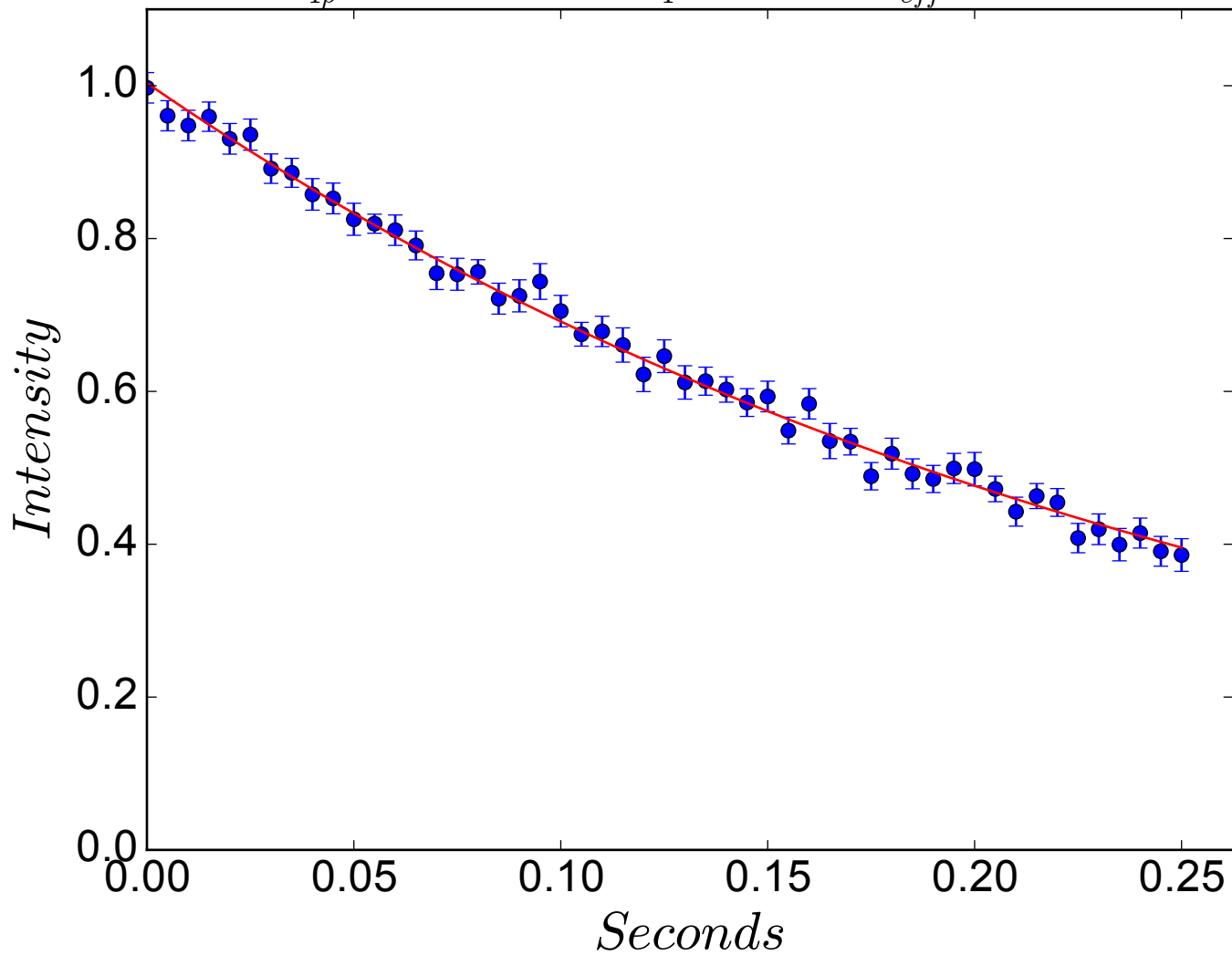
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 387 \text{ Hz}$$



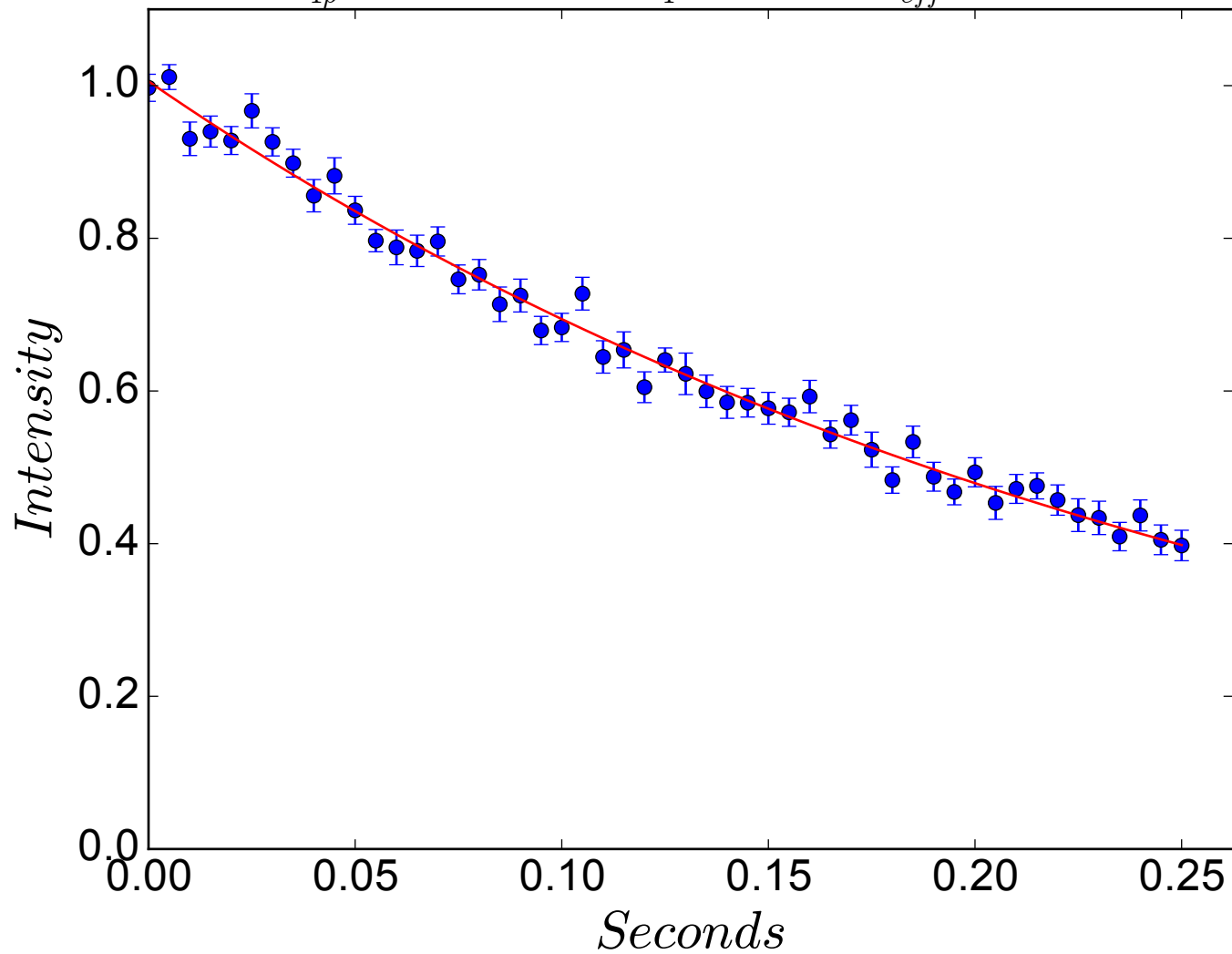
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 397 \text{ Hz}$$



$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 407 \text{ Hz}$$

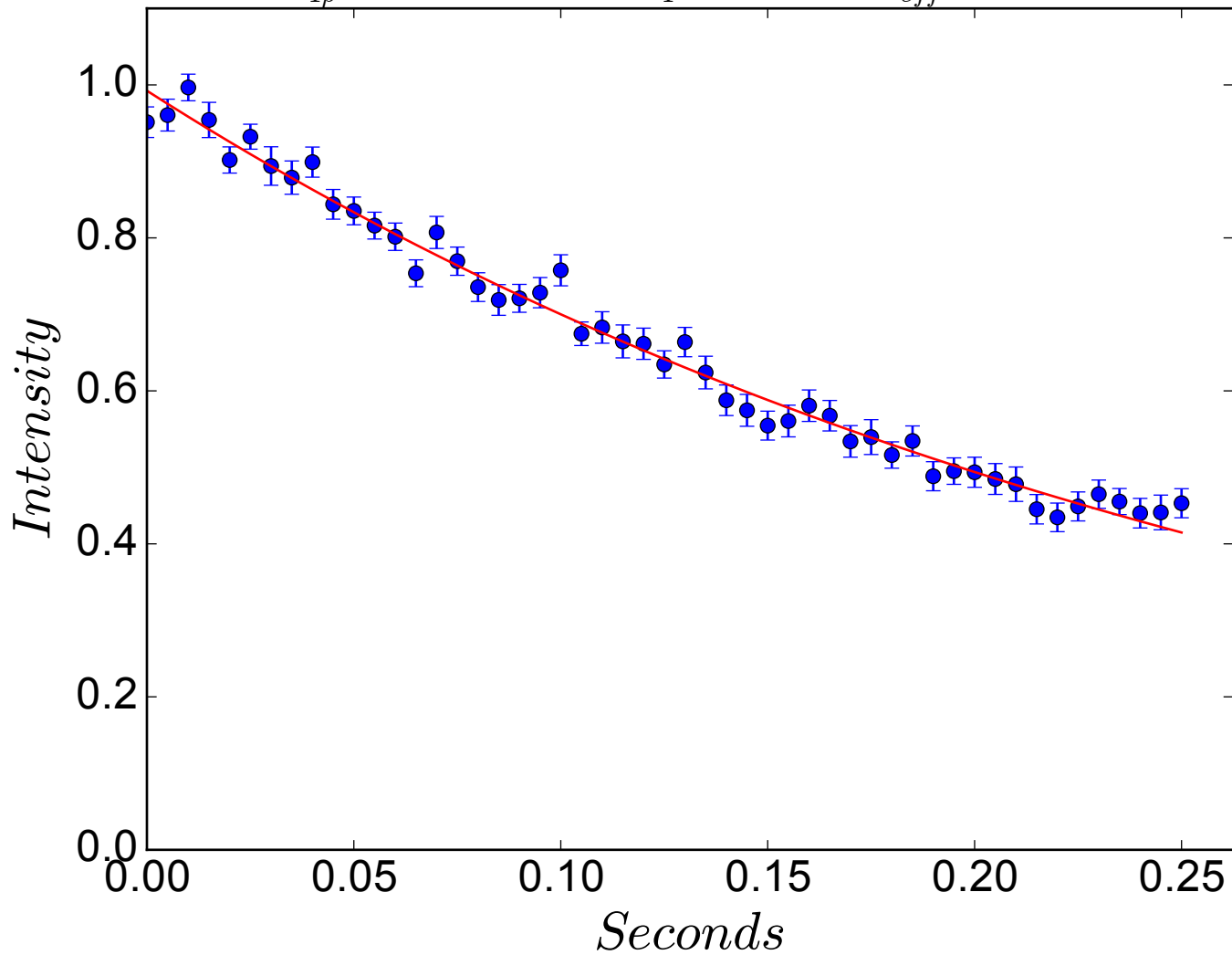


$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 417 \text{ Hz}$$

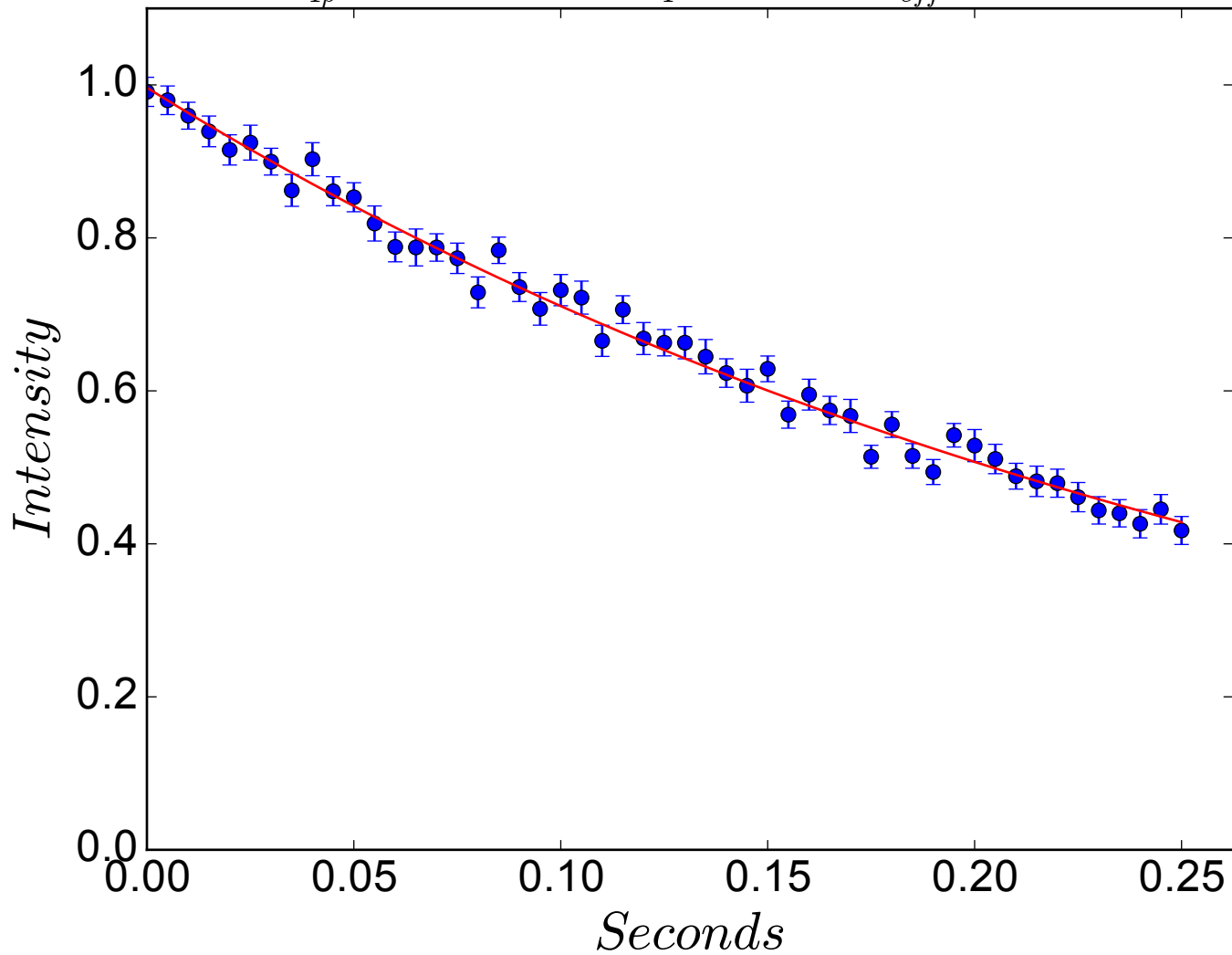




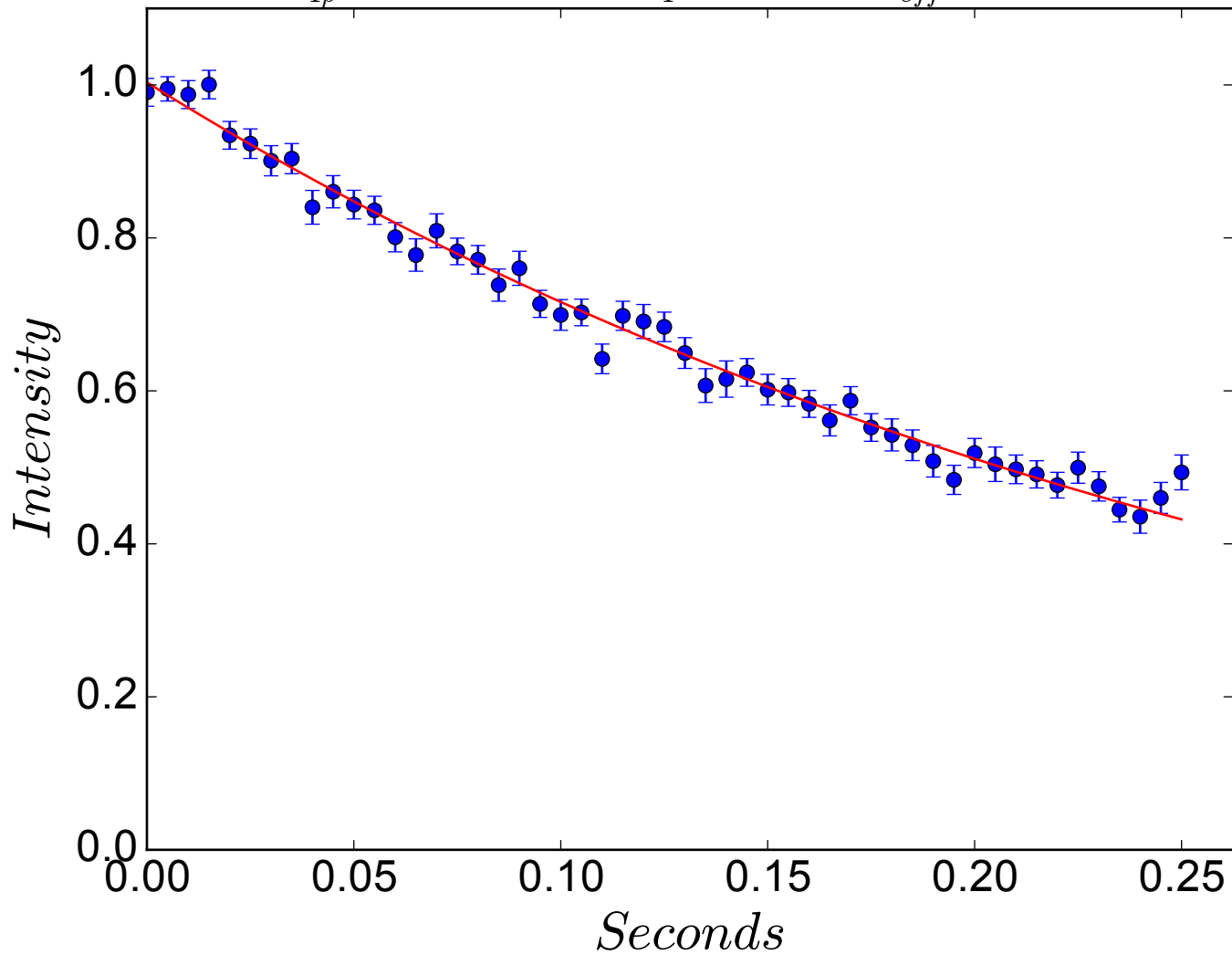
$$R_{1\rho} = 3.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 427 \text{ Hz}$$



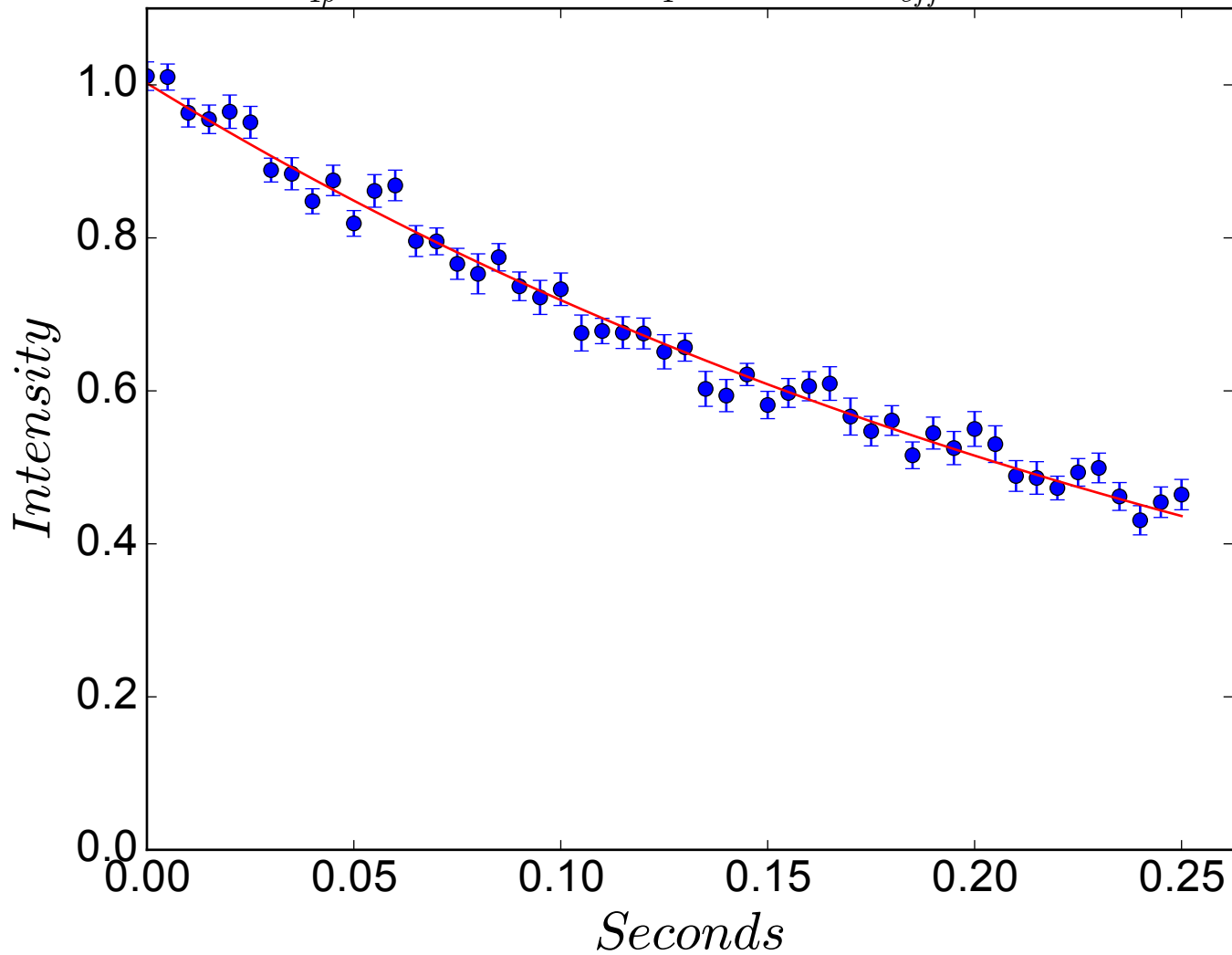
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 437 \text{ Hz}$$



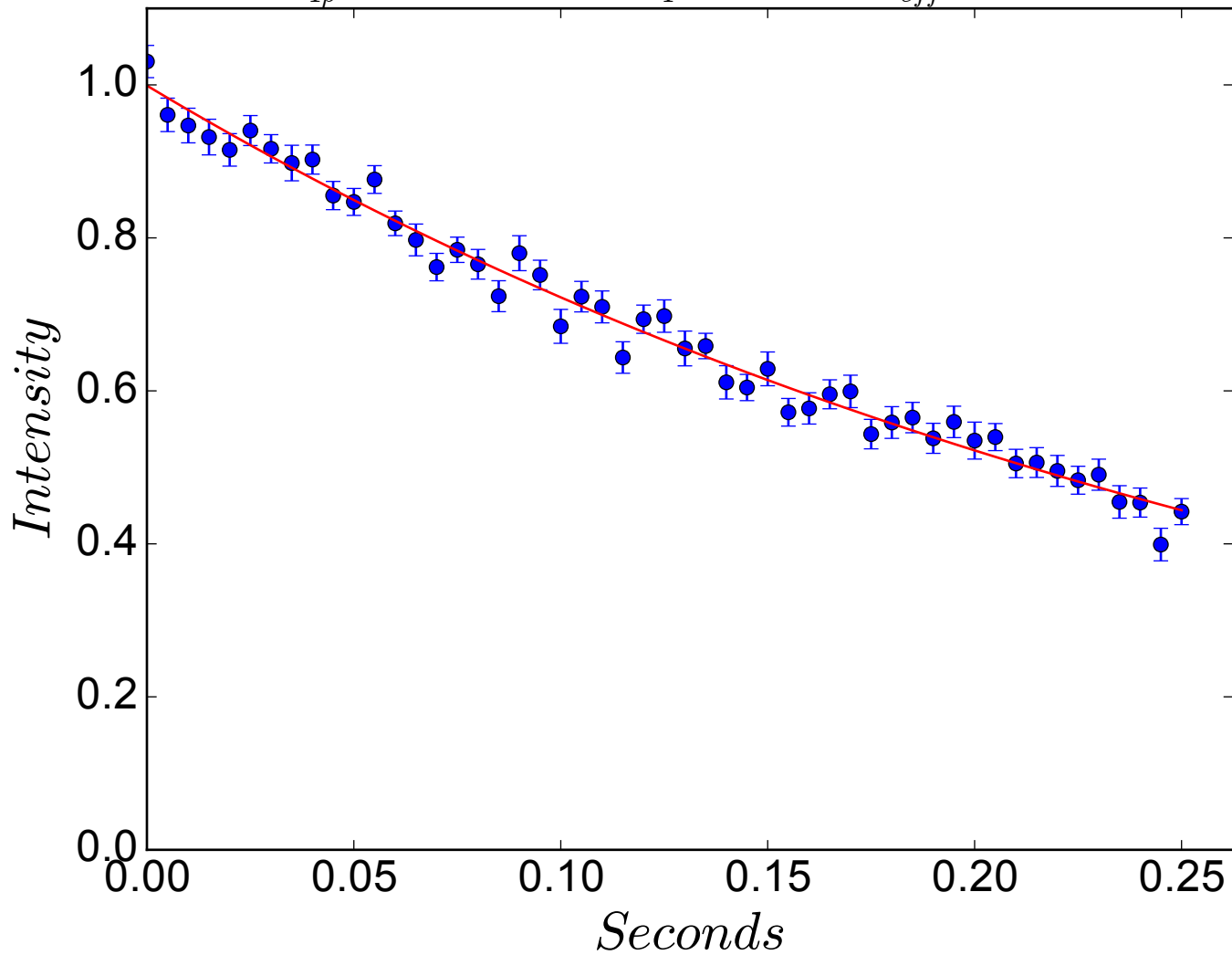
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 447 \text{ Hz}$$



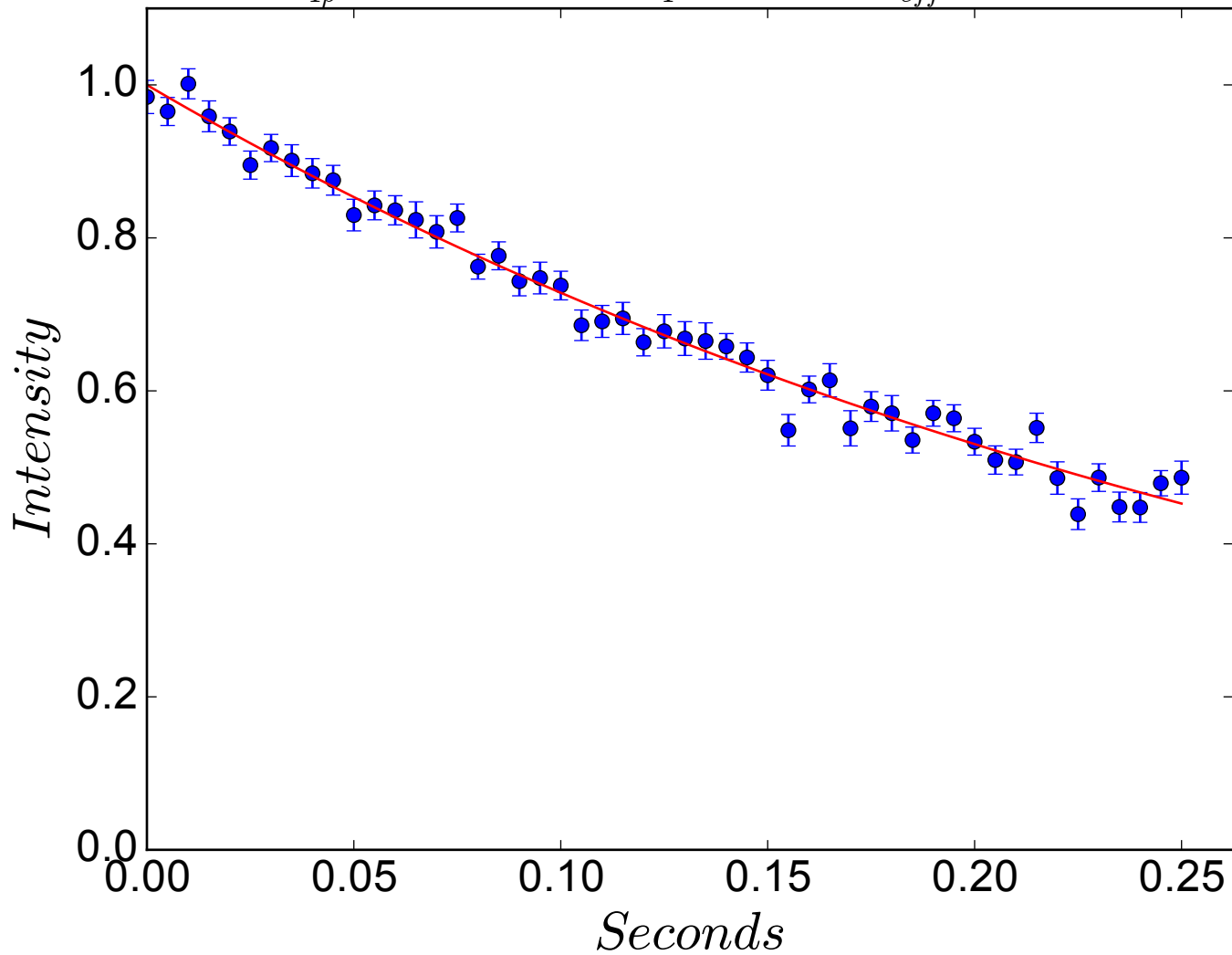
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 457 \text{ Hz}$$



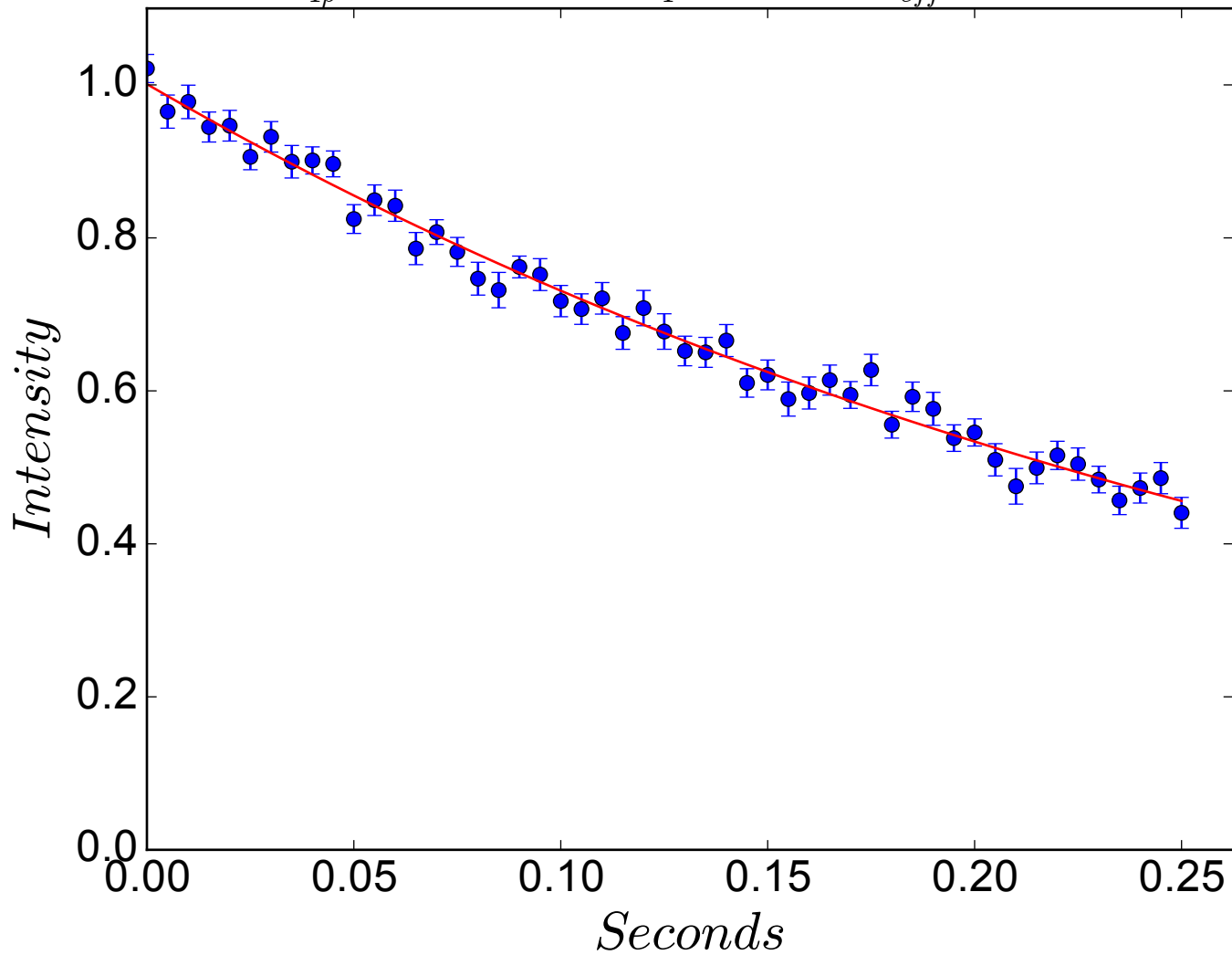
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 467 \text{ Hz}$$



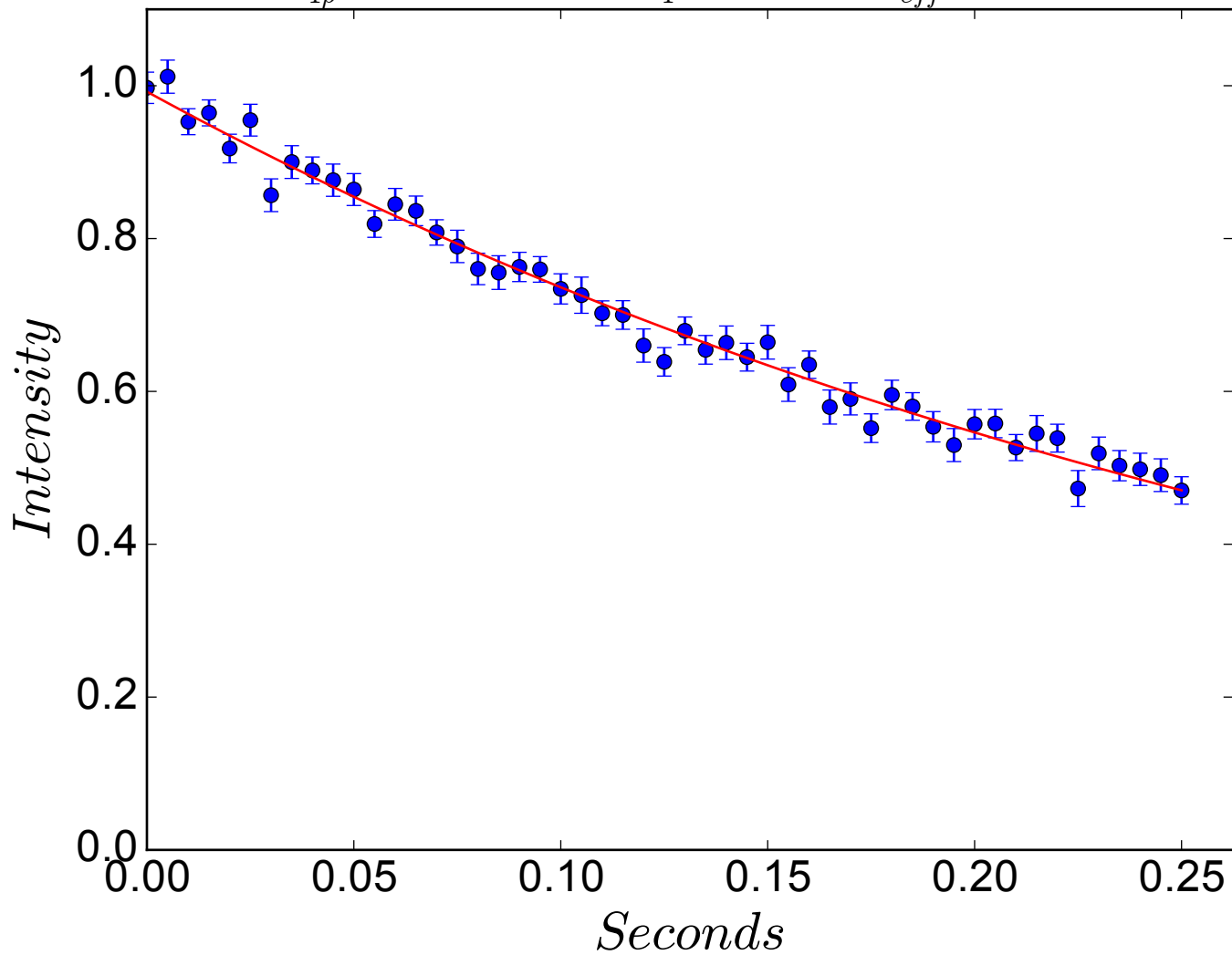
$$R_{1\rho} = 3.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 477 \text{ Hz}$$



$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 487 \text{ Hz}$$

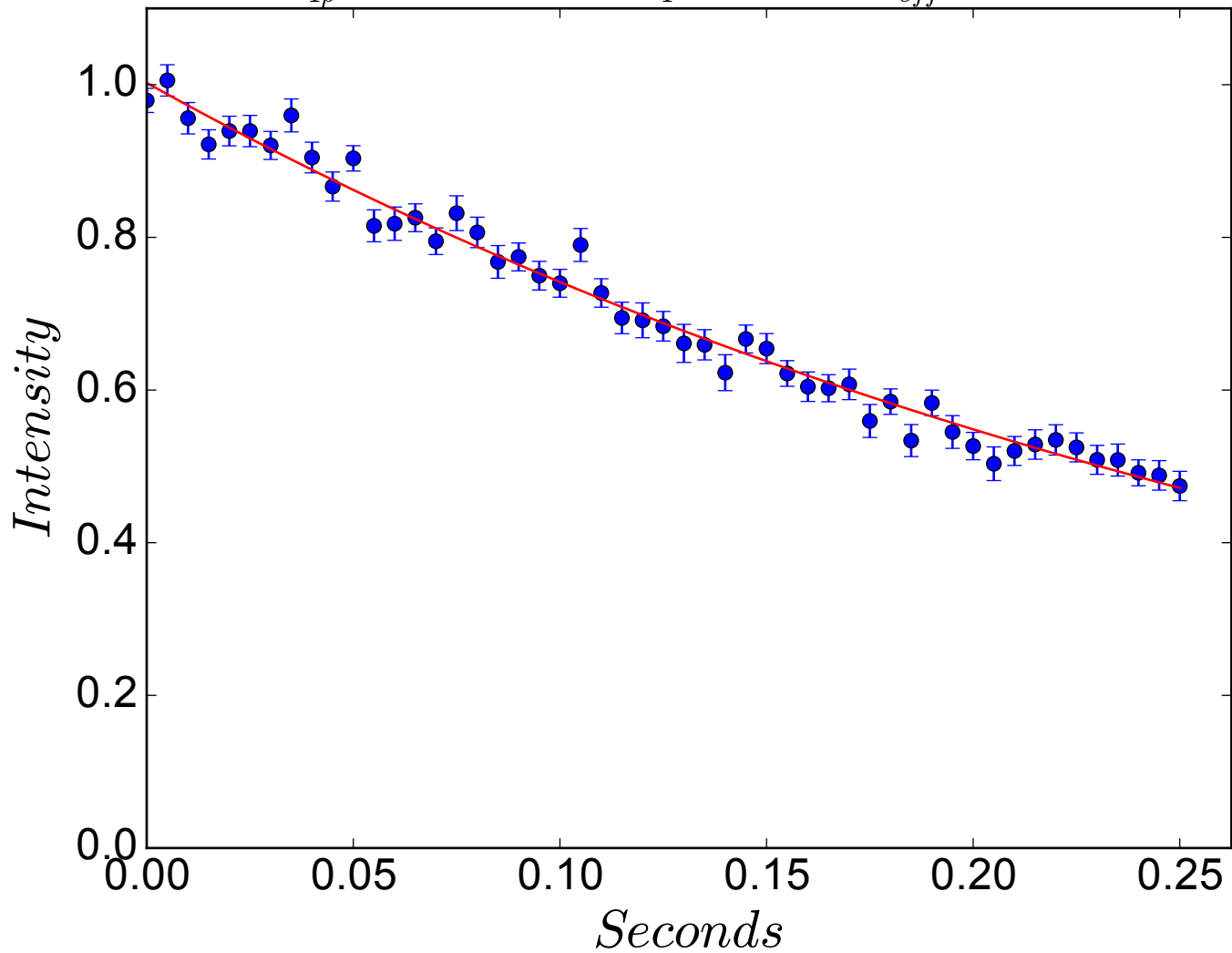


$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 497 \text{ Hz}$$

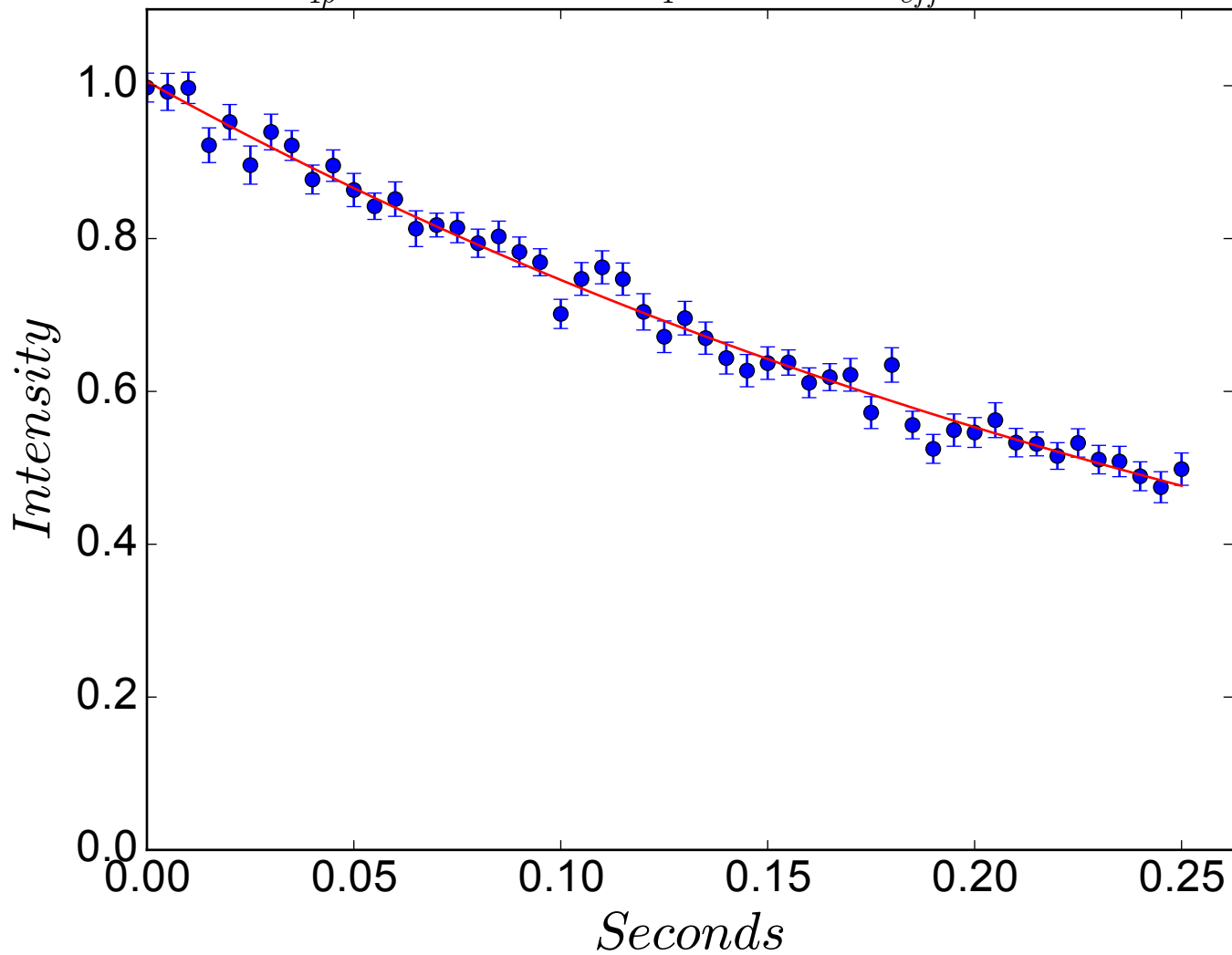




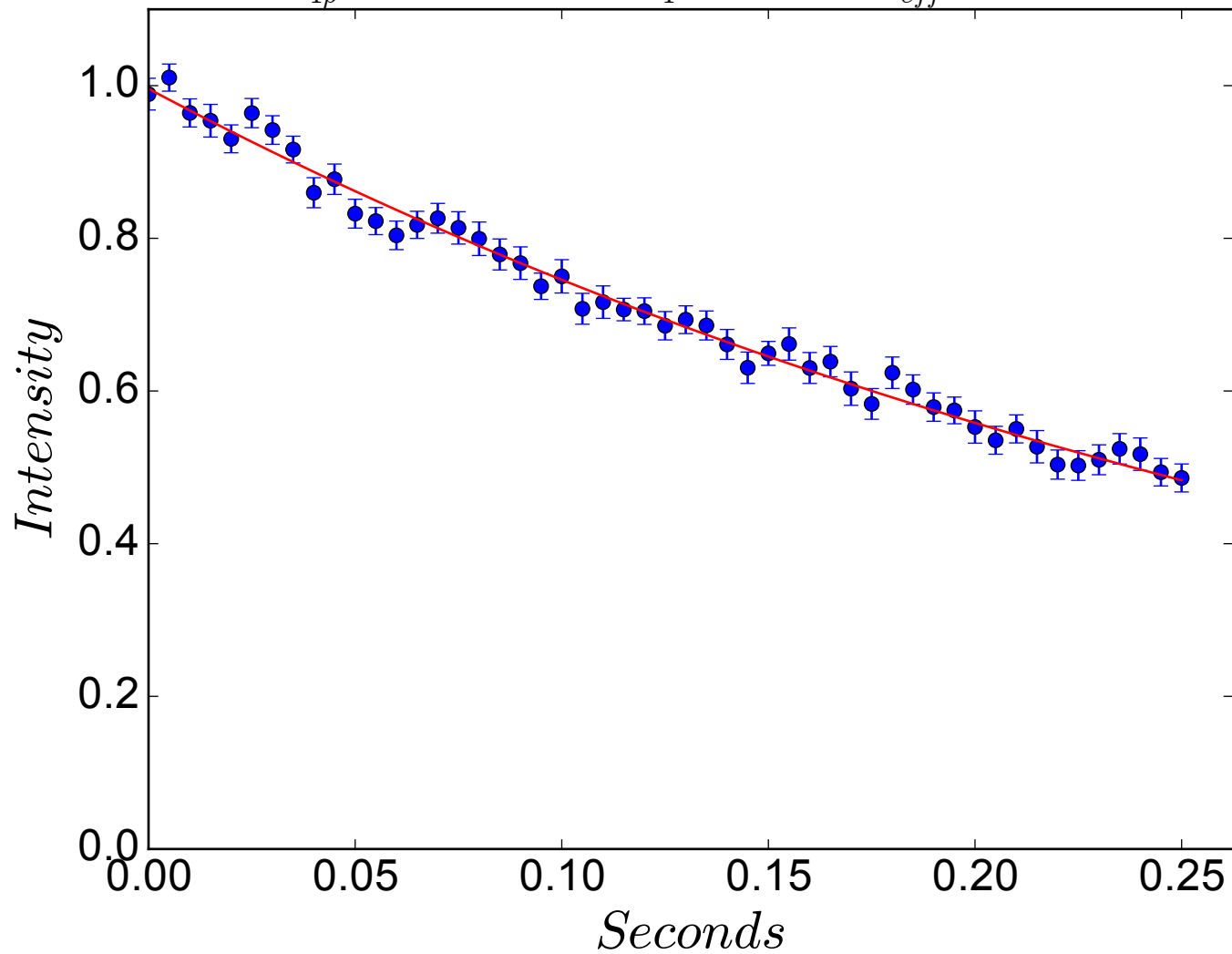
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 508 \text{ Hz}$$



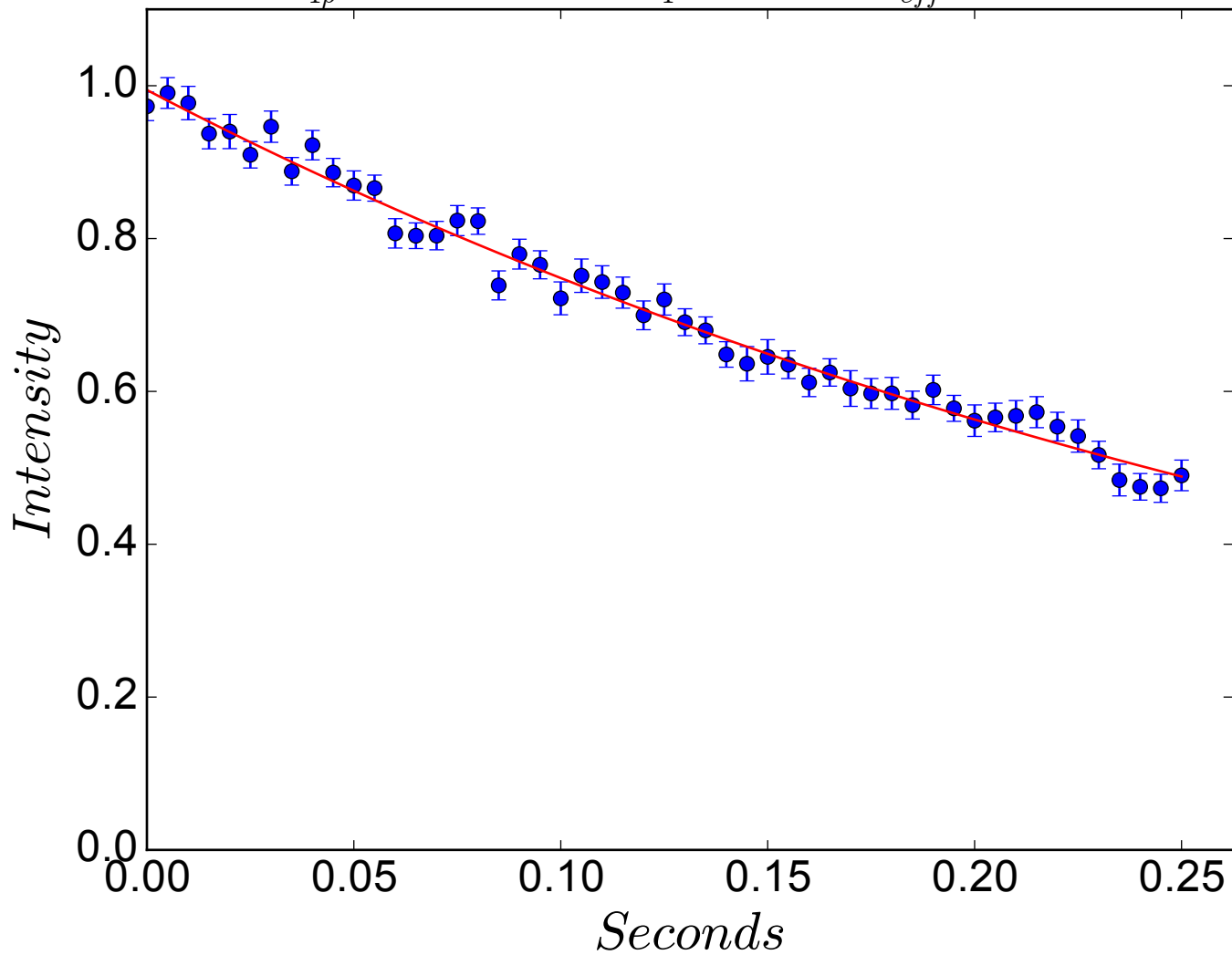
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 518 \text{ Hz}$$



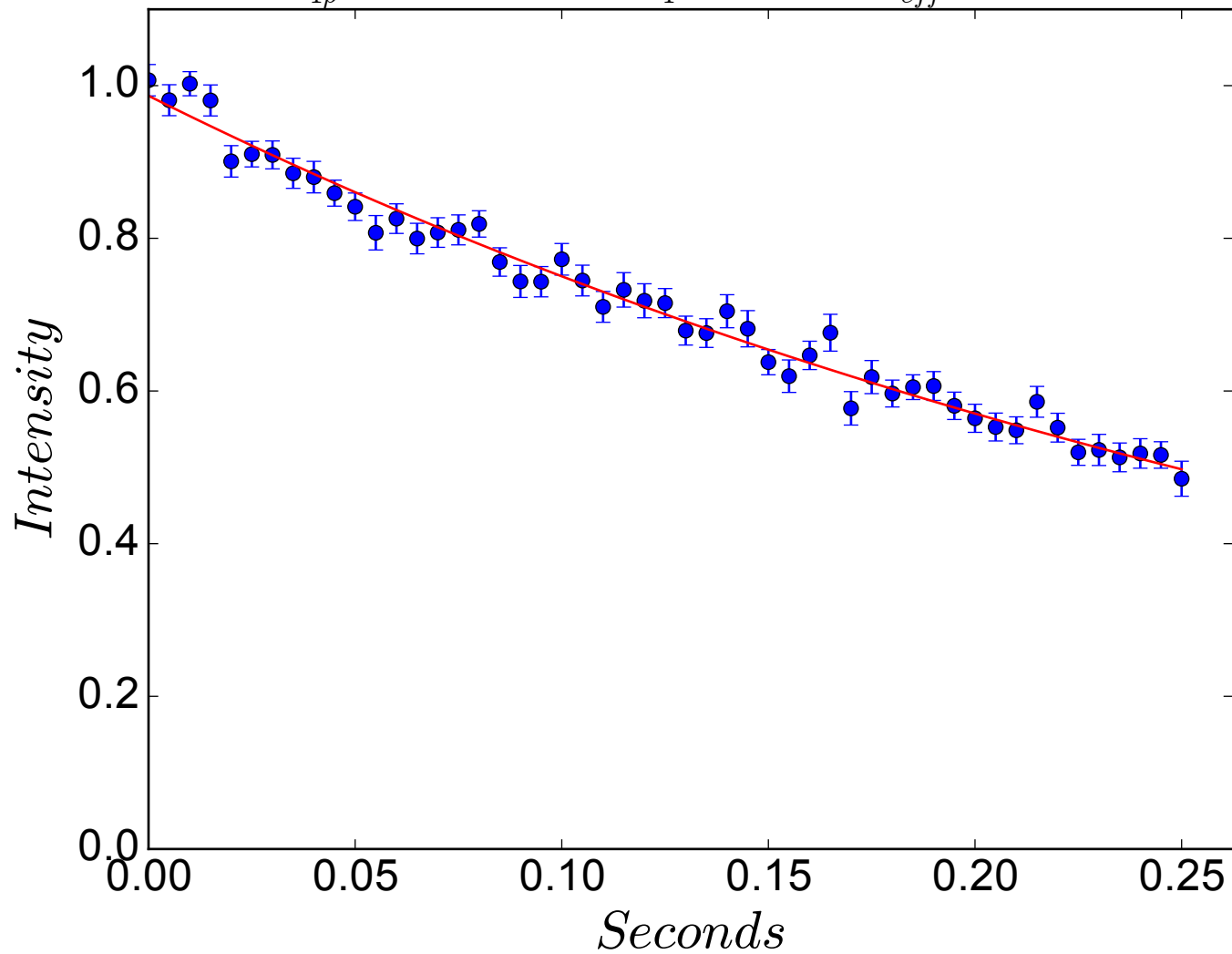
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 528 \text{ Hz}$$



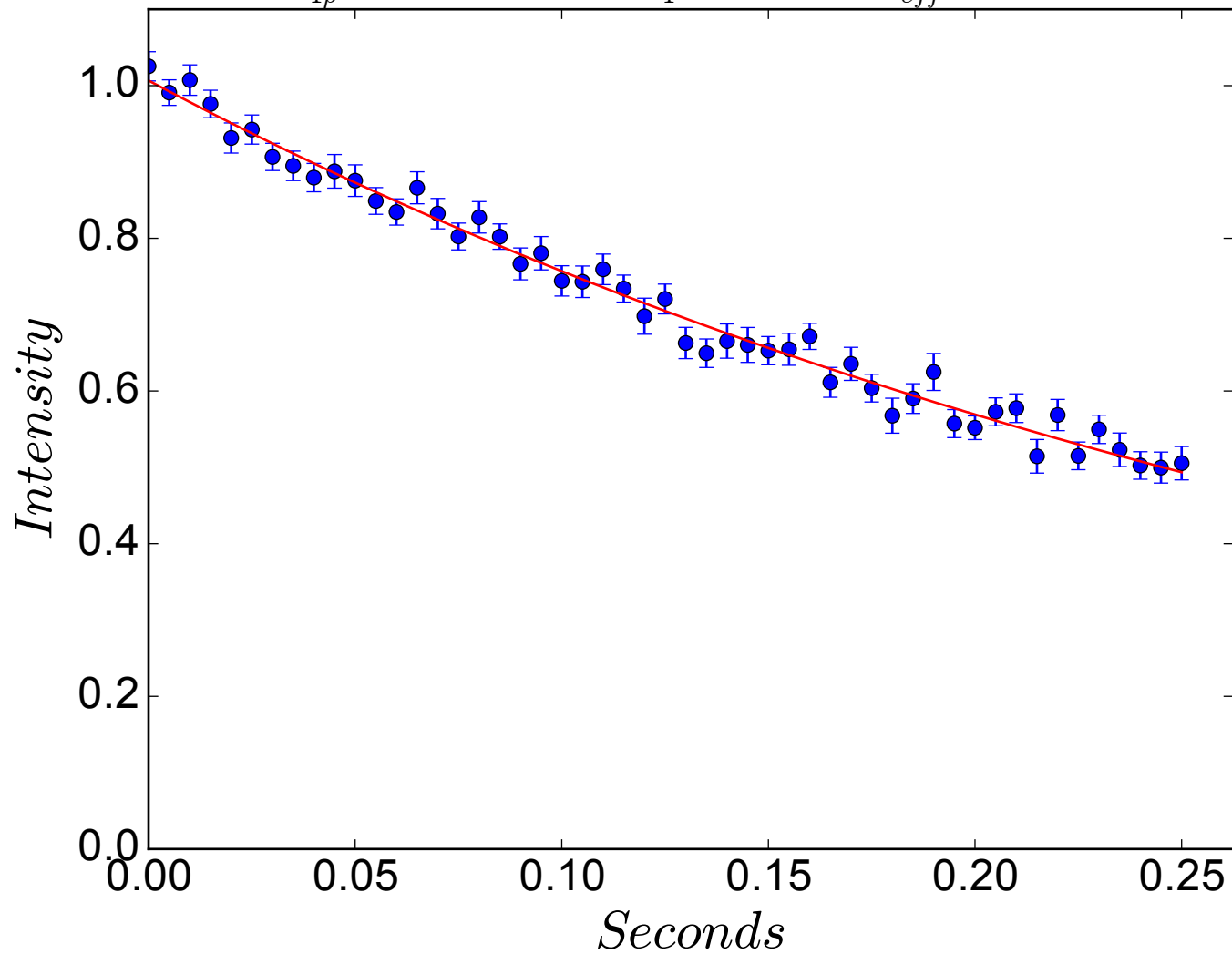
$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 538 \text{ Hz}$$



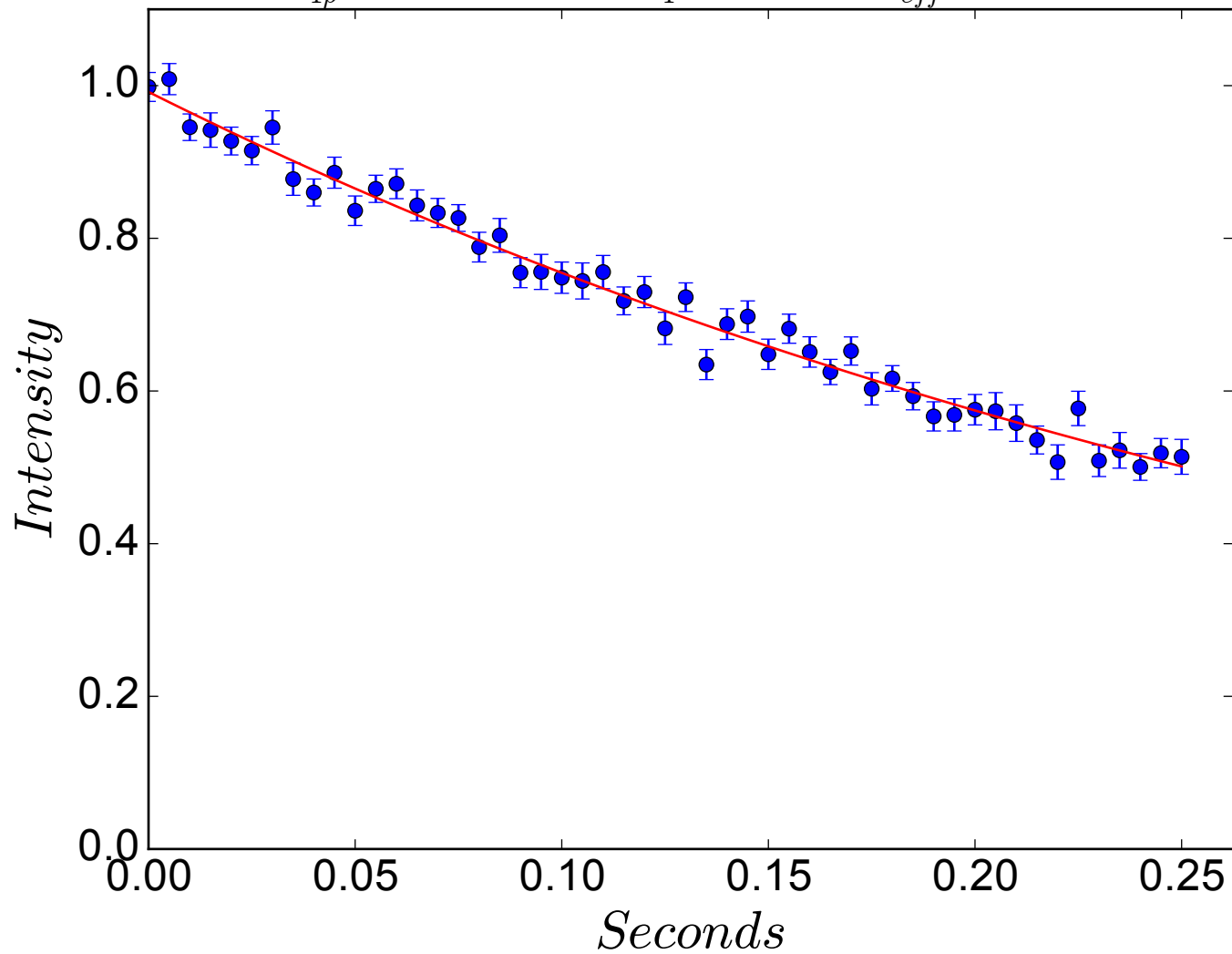
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 548 \text{ Hz}$$



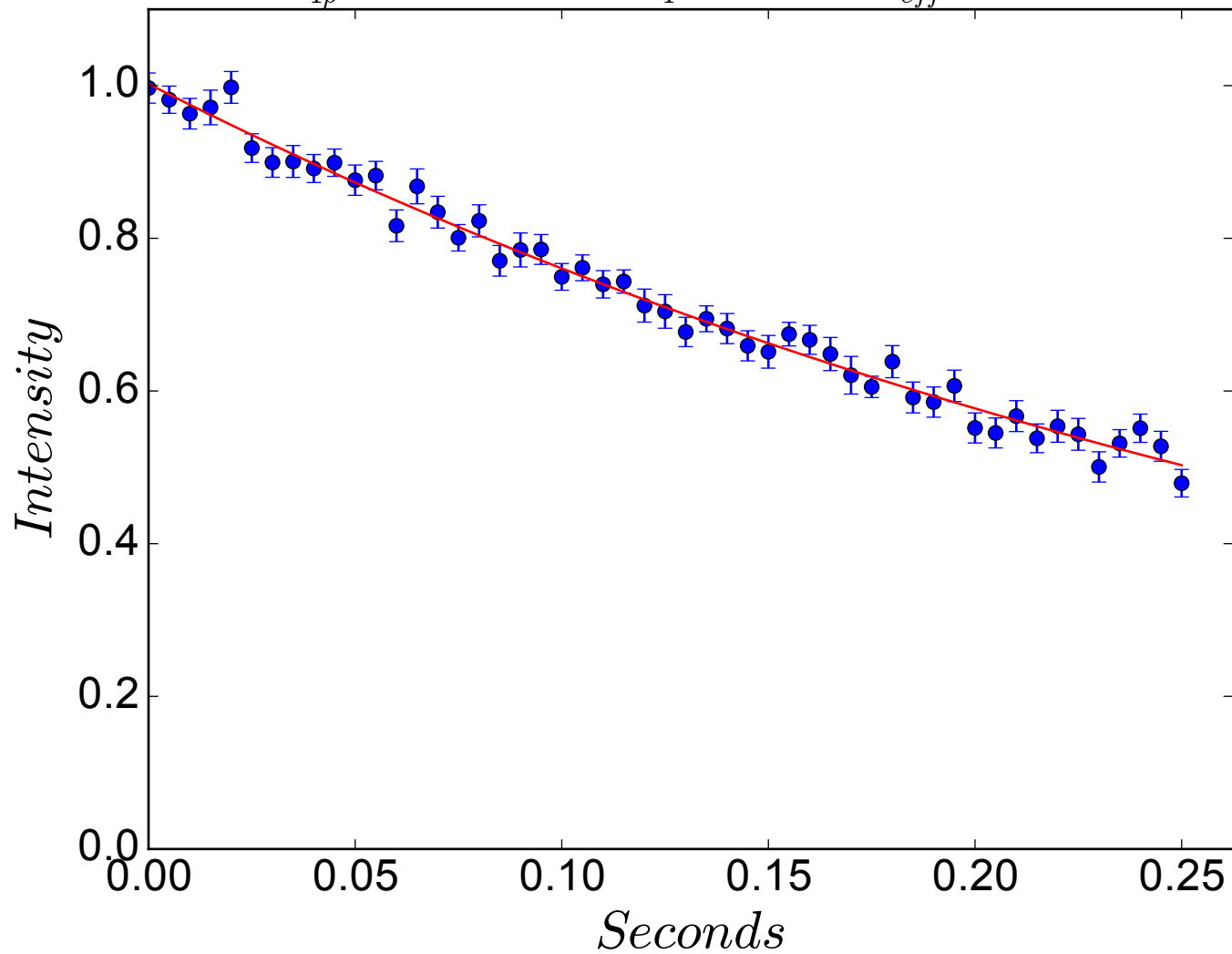
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 558 \text{ Hz}$$



$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 568 \text{ Hz}$$

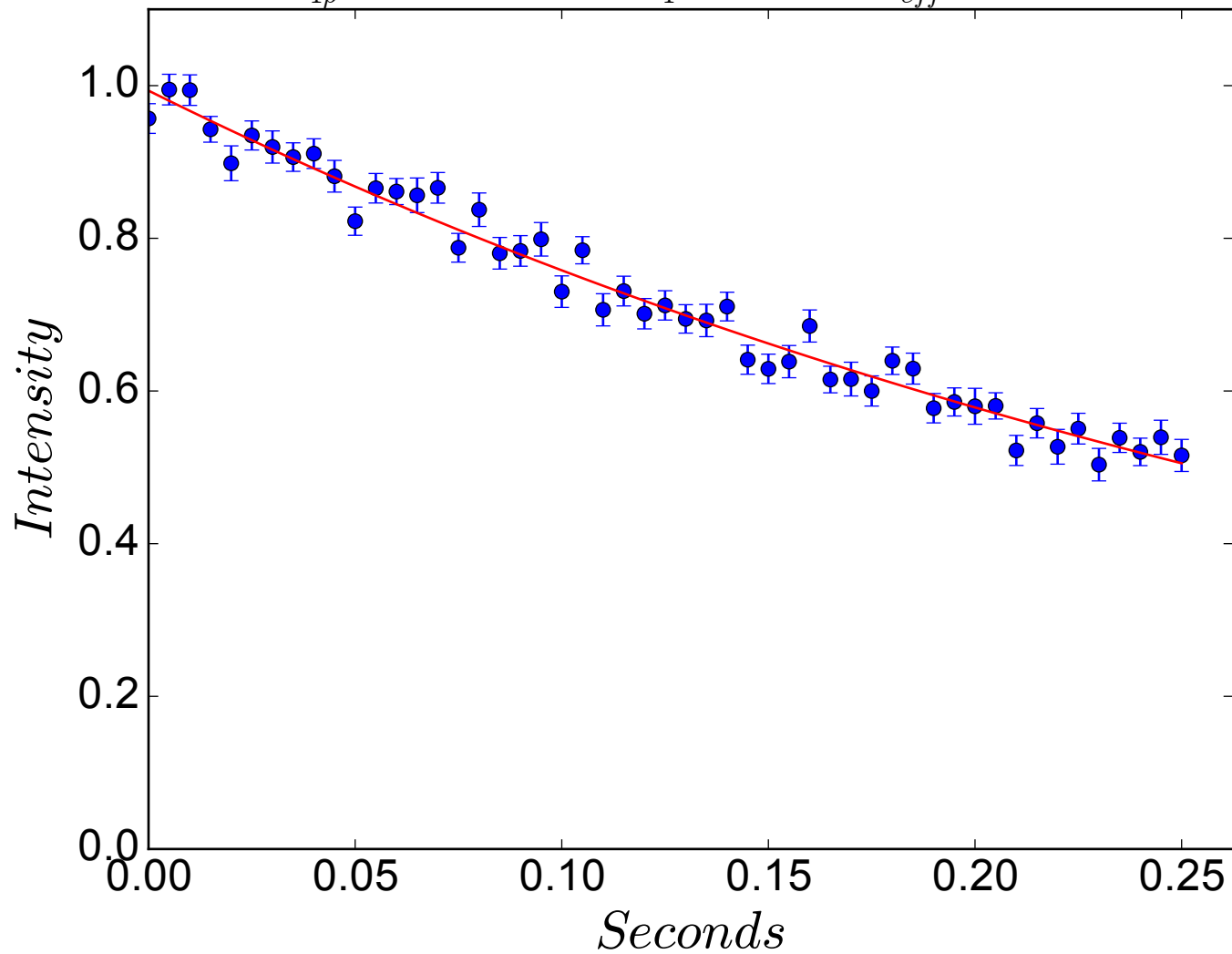


$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 578 \text{ Hz}$$

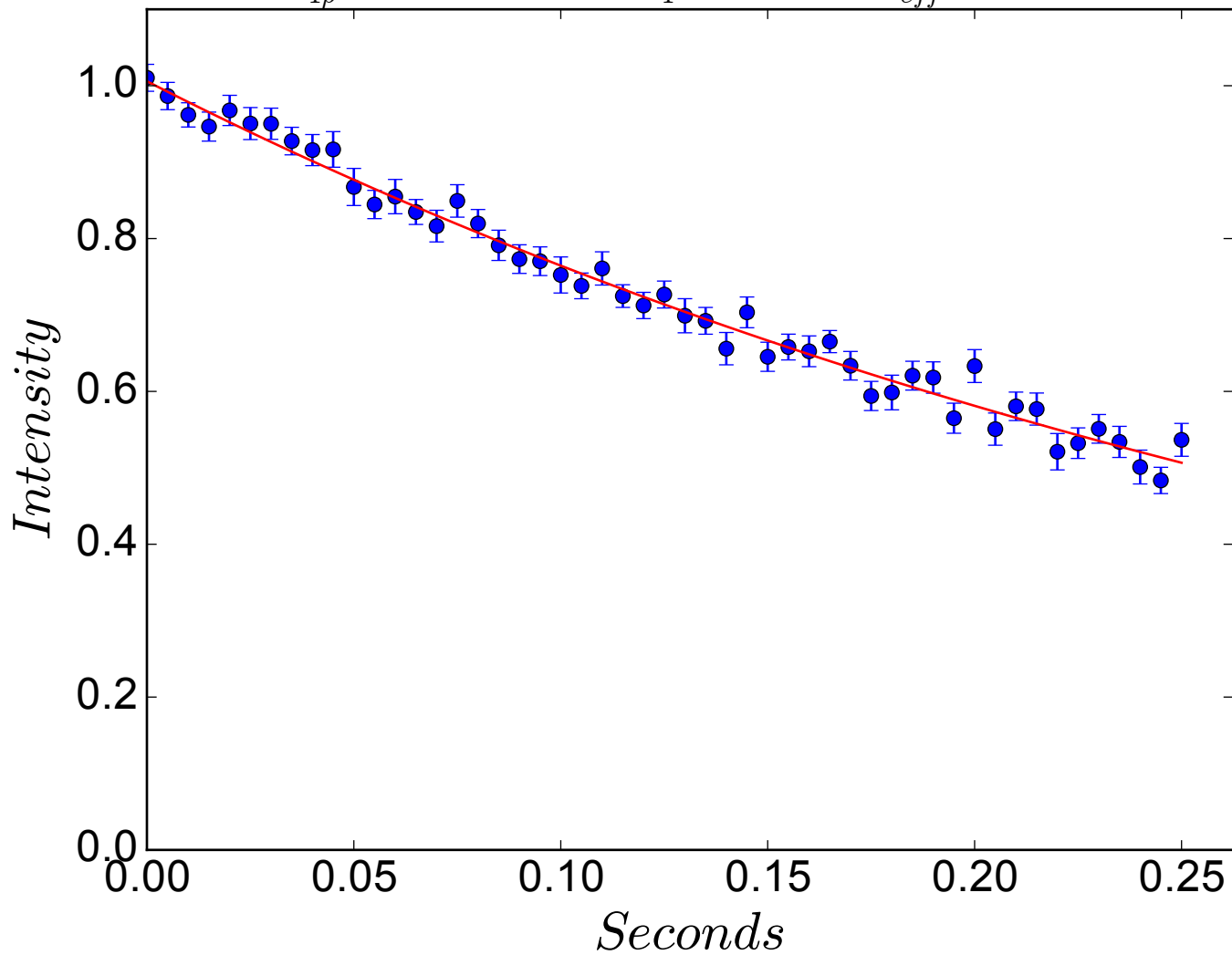




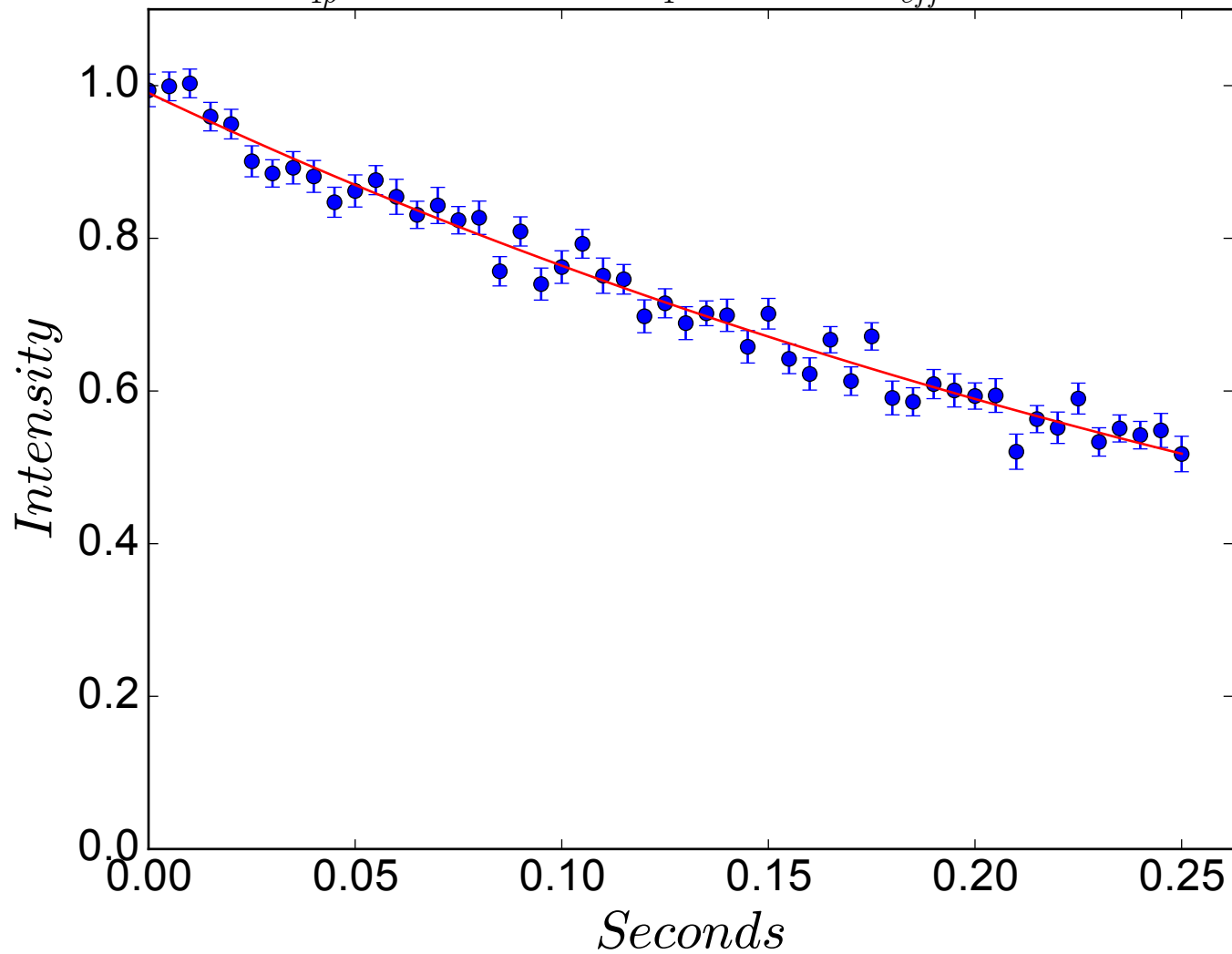
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 588 \text{ Hz}$$



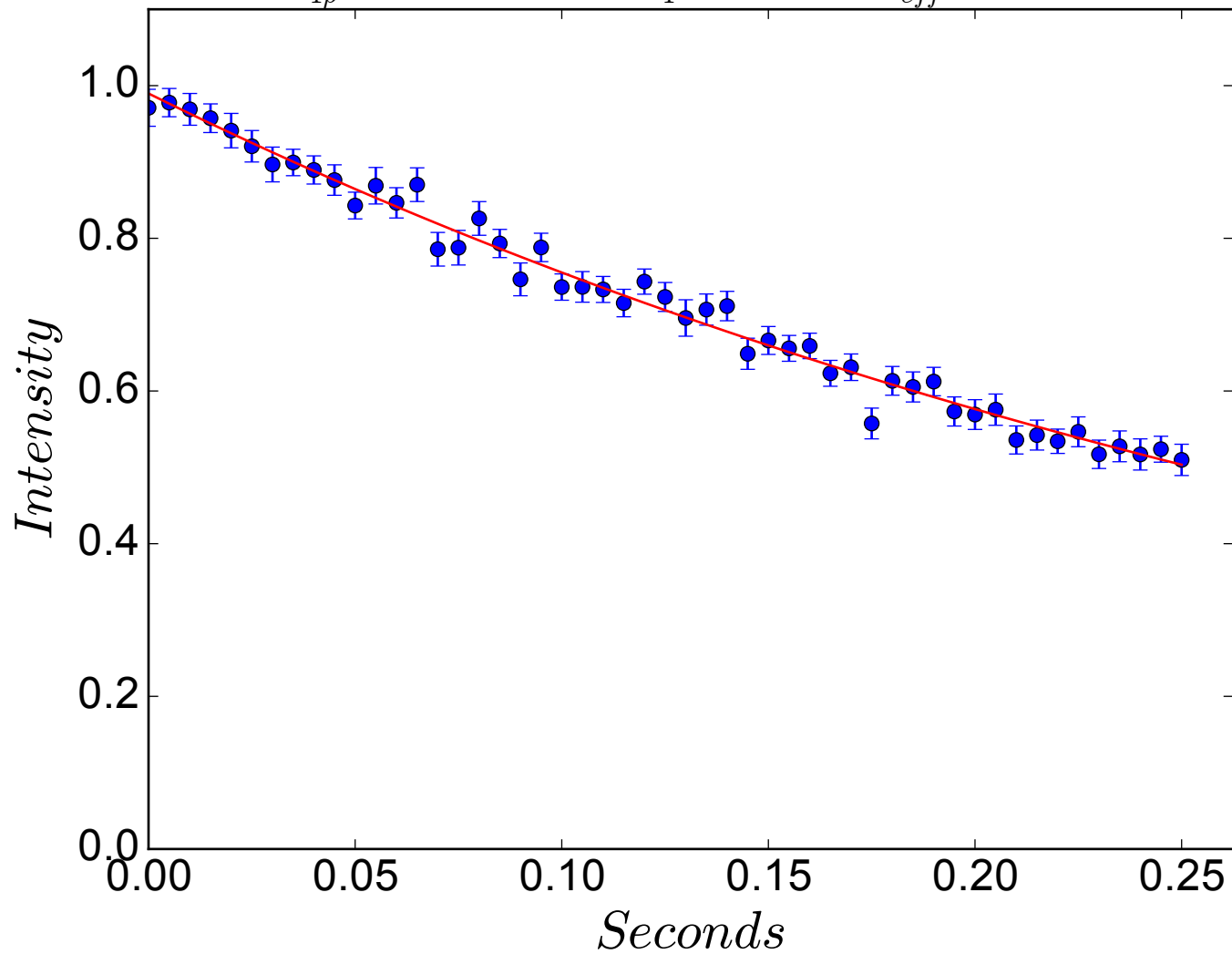
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 598 \text{ Hz}$$



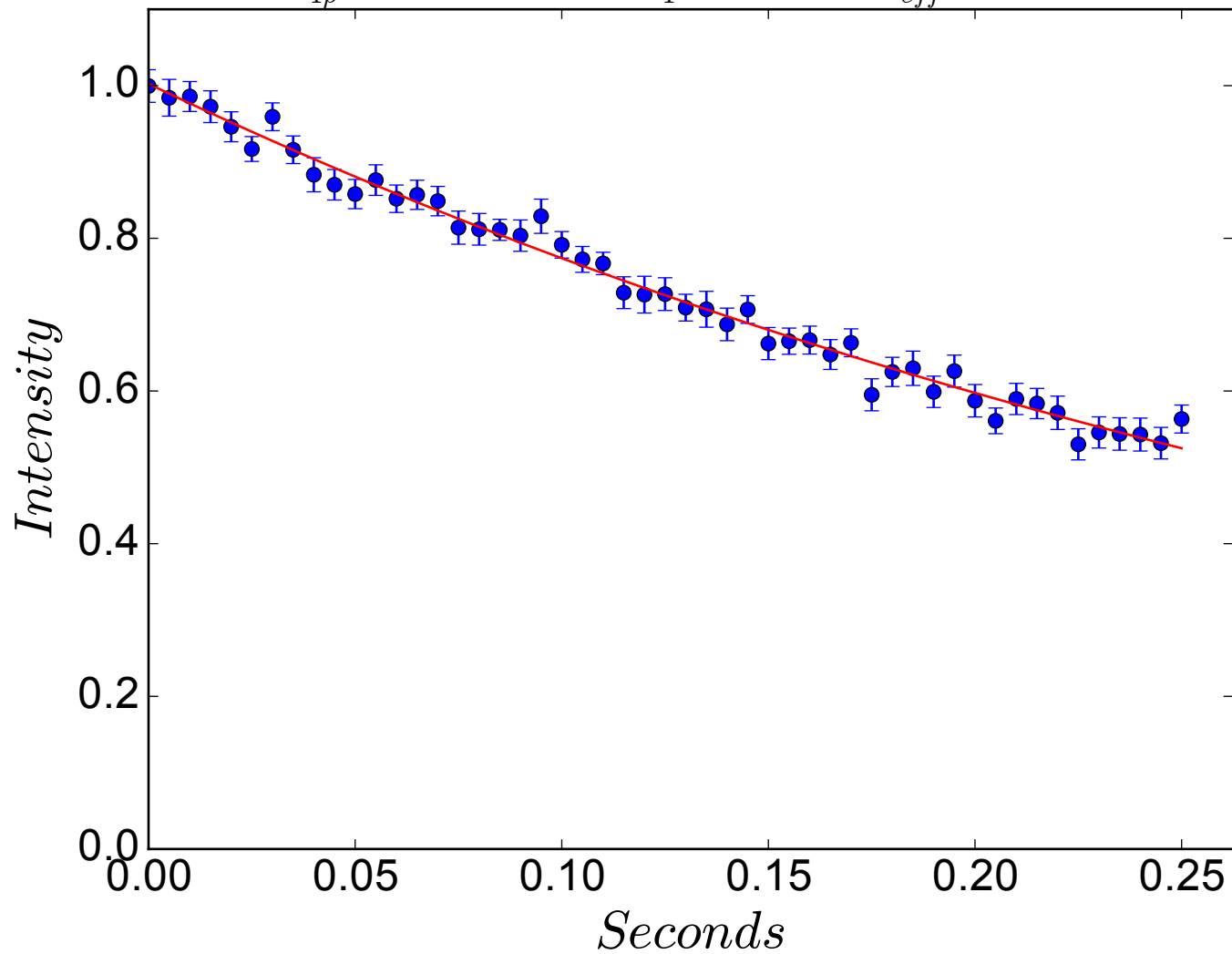
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 608 \text{ Hz}$$



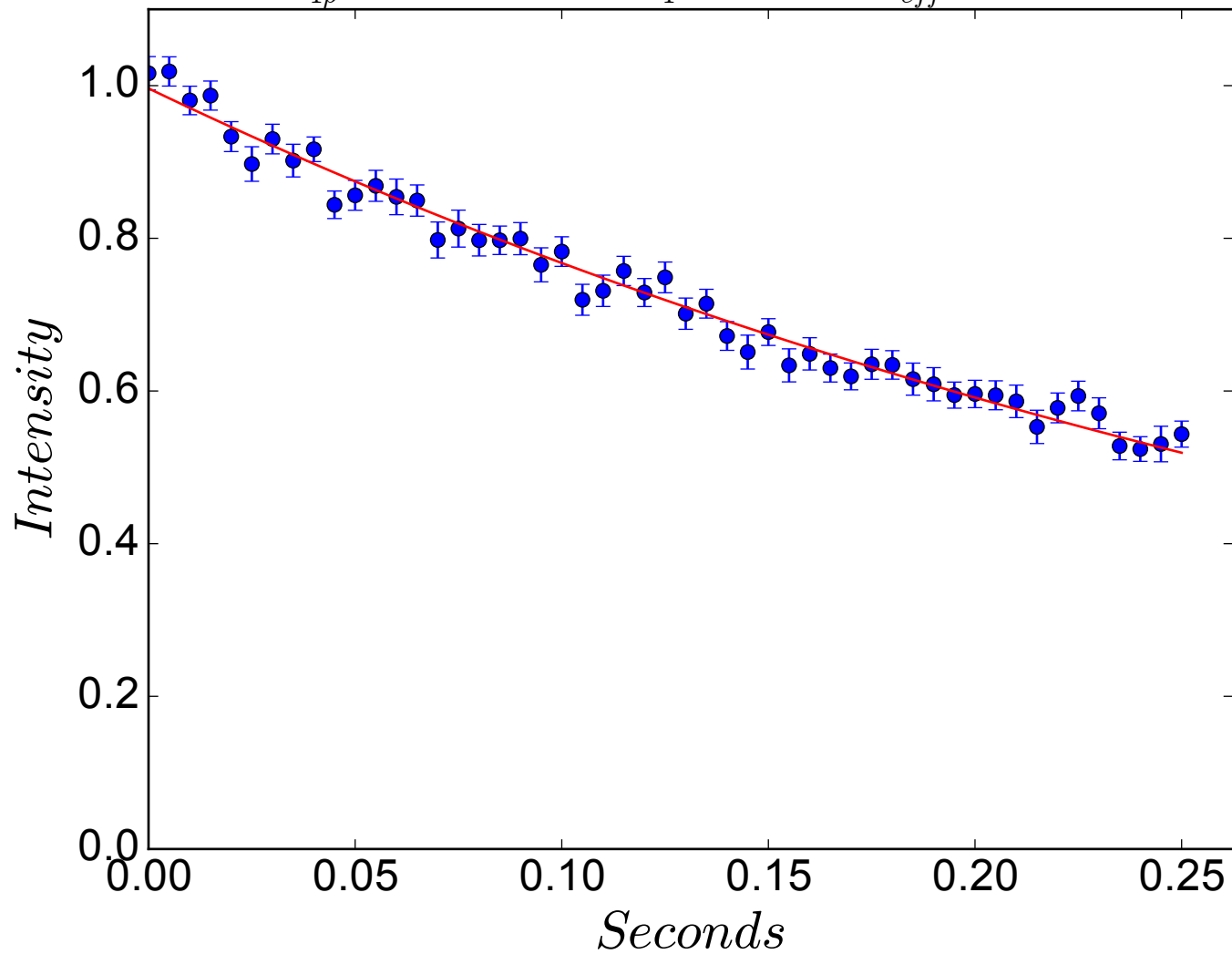
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 618 \text{ Hz}$$



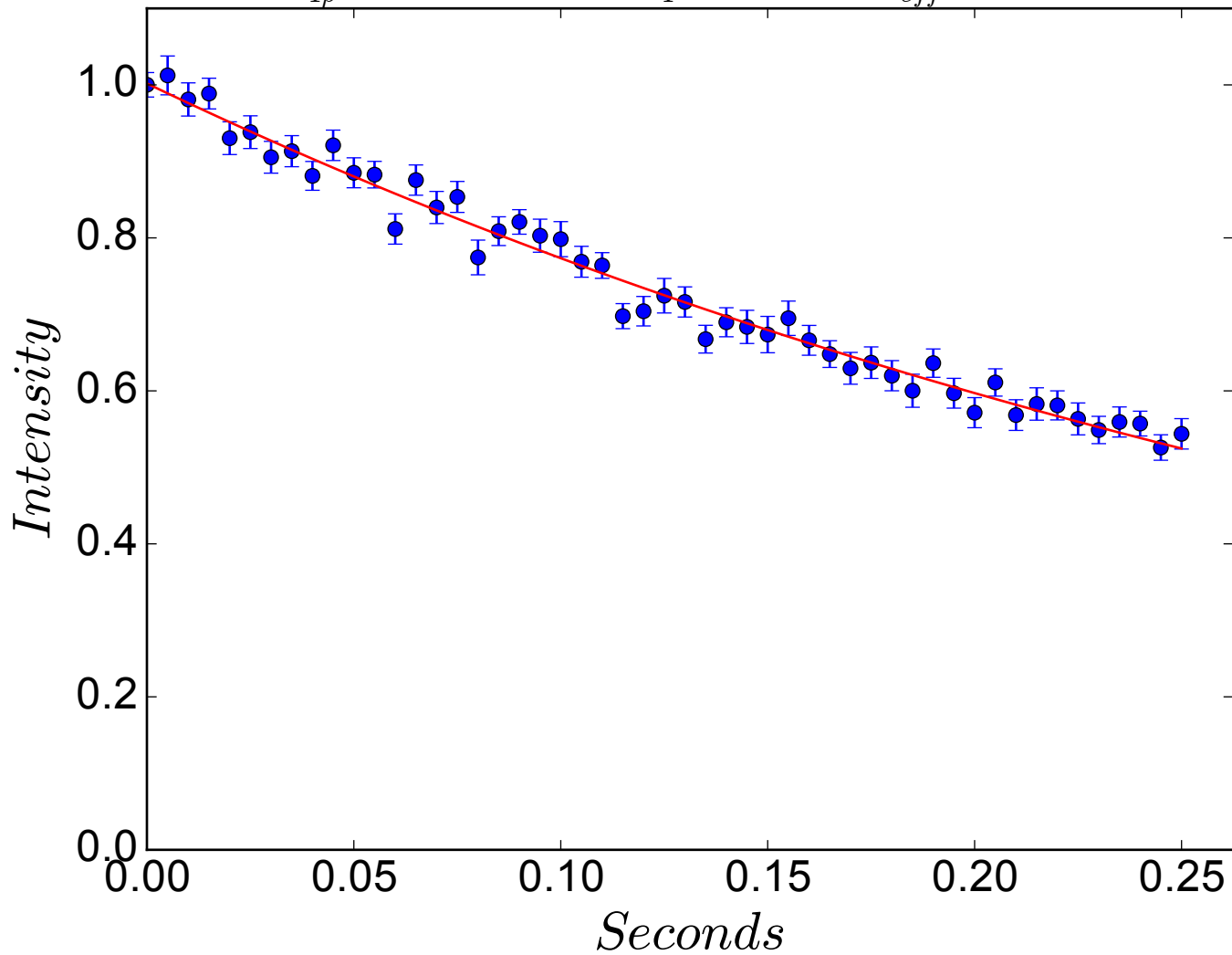
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 628 \text{ Hz}$$



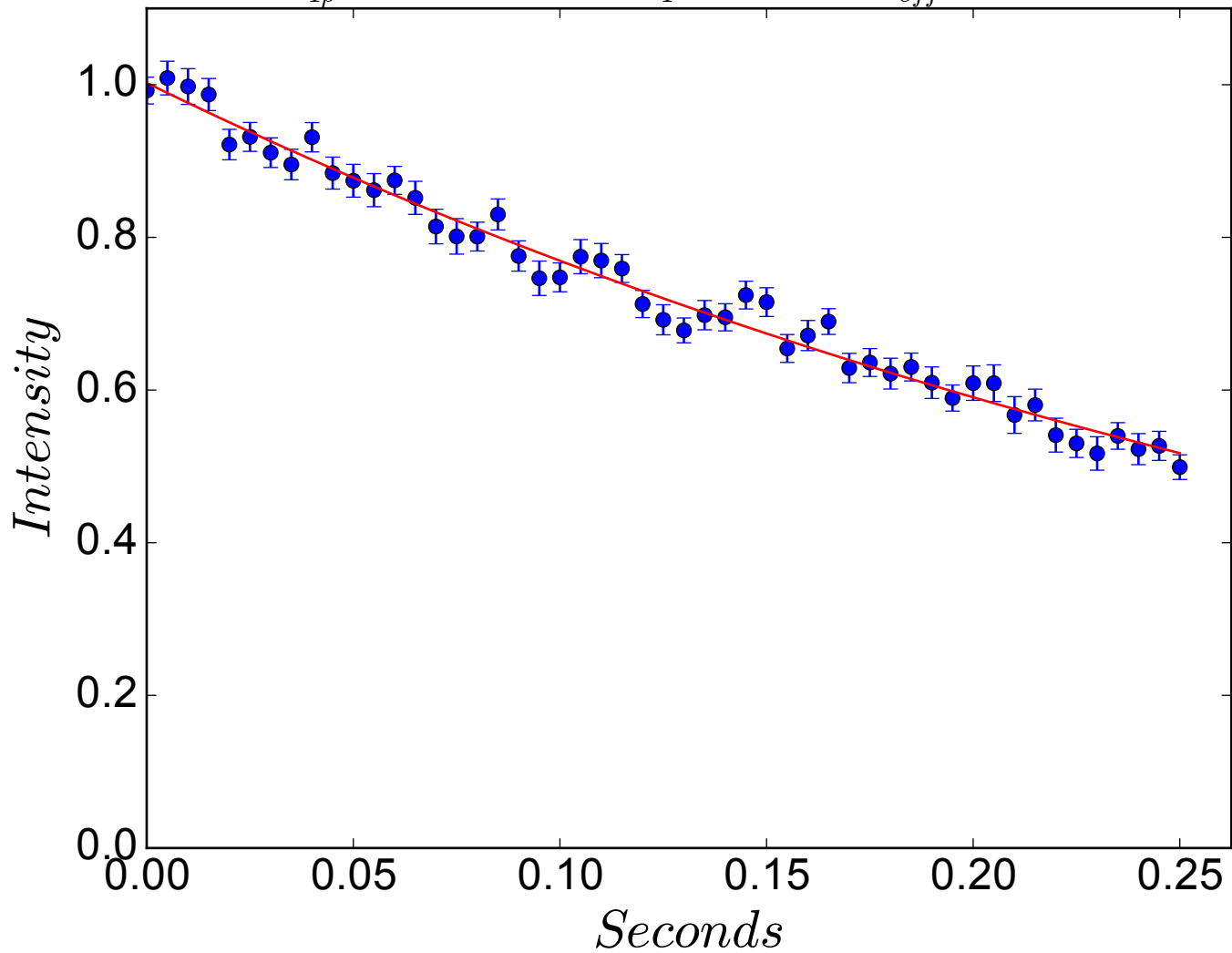
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 638 \text{ Hz}$$



$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 648 \text{ Hz}$$

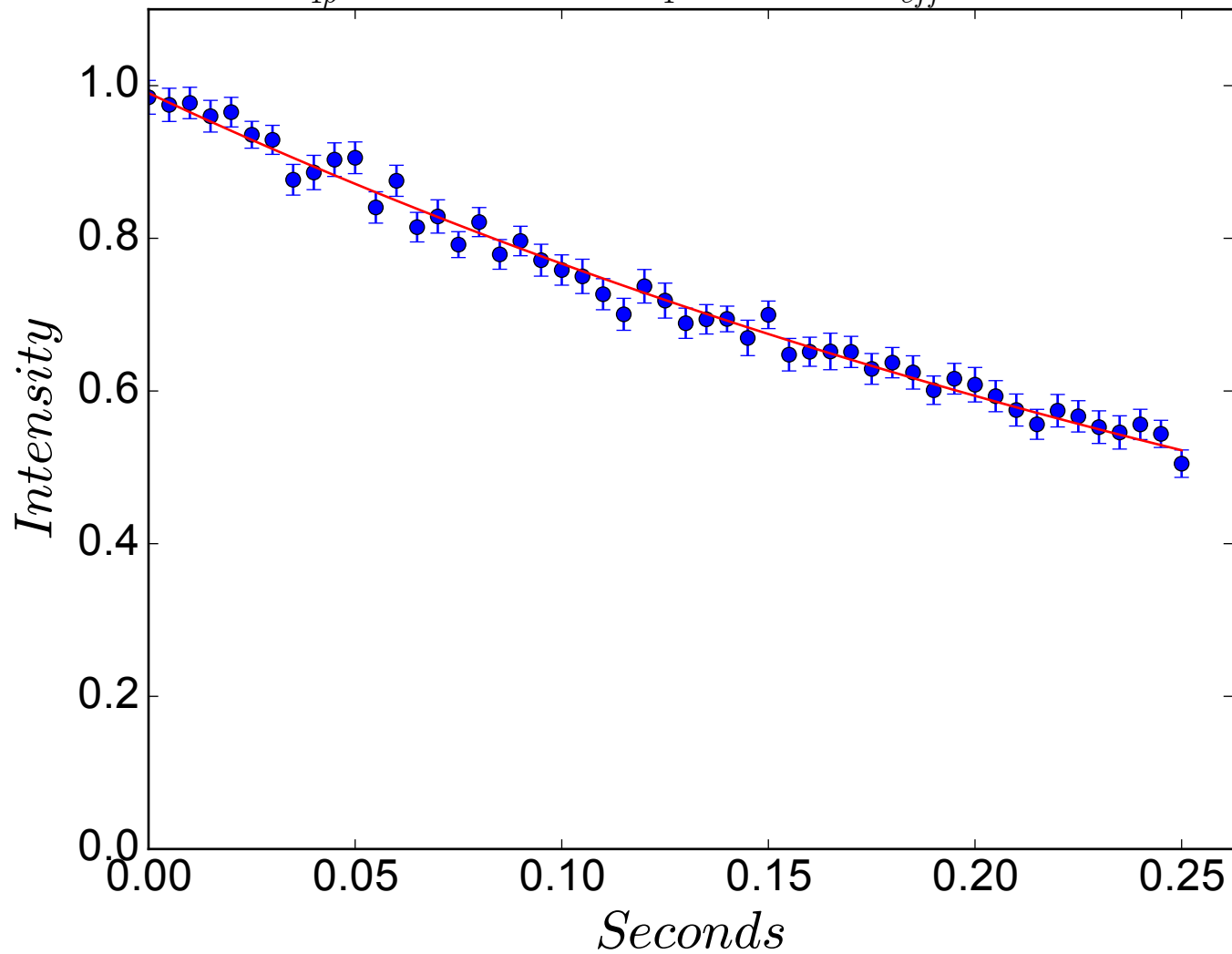


$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 658 \text{ Hz}$$

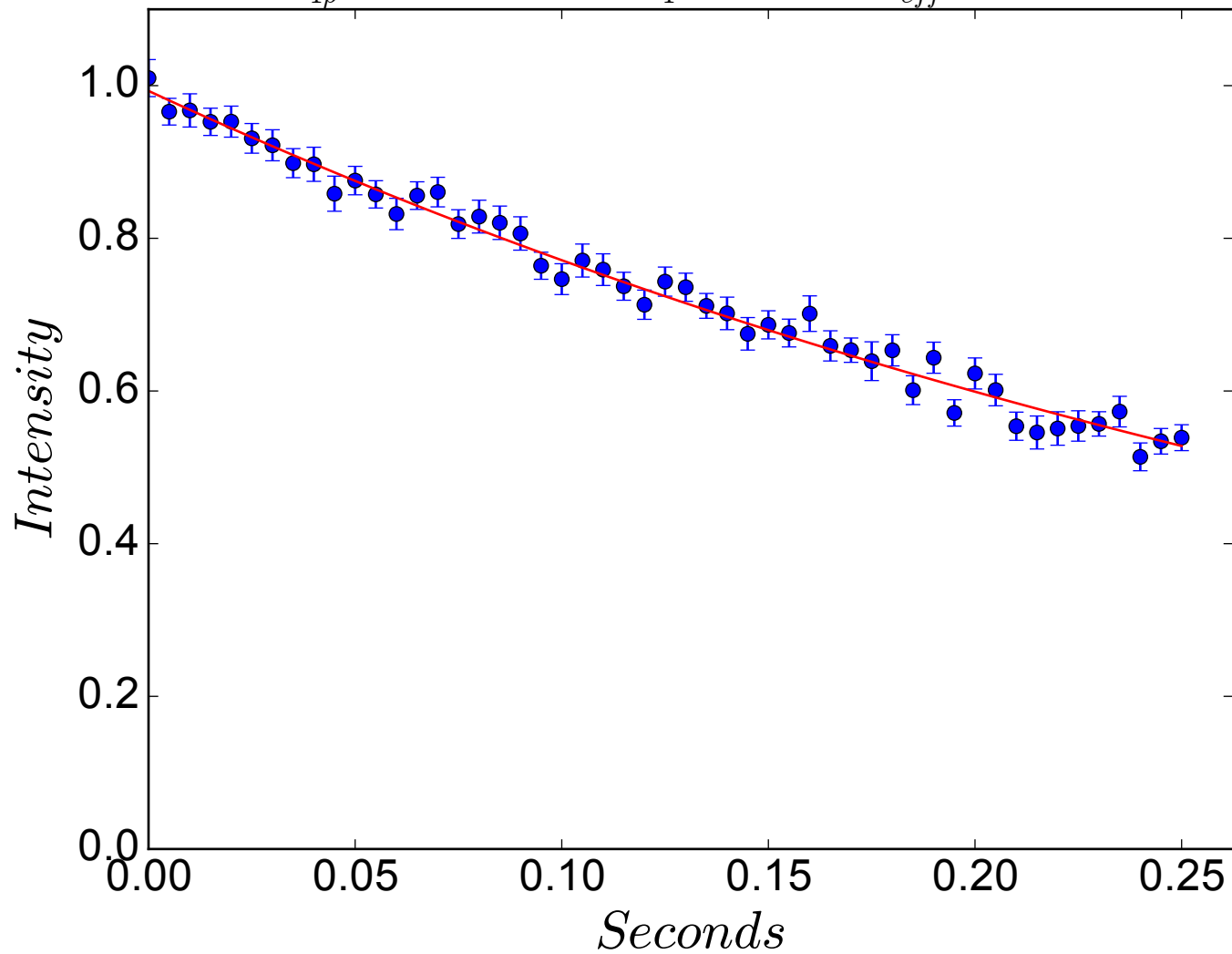




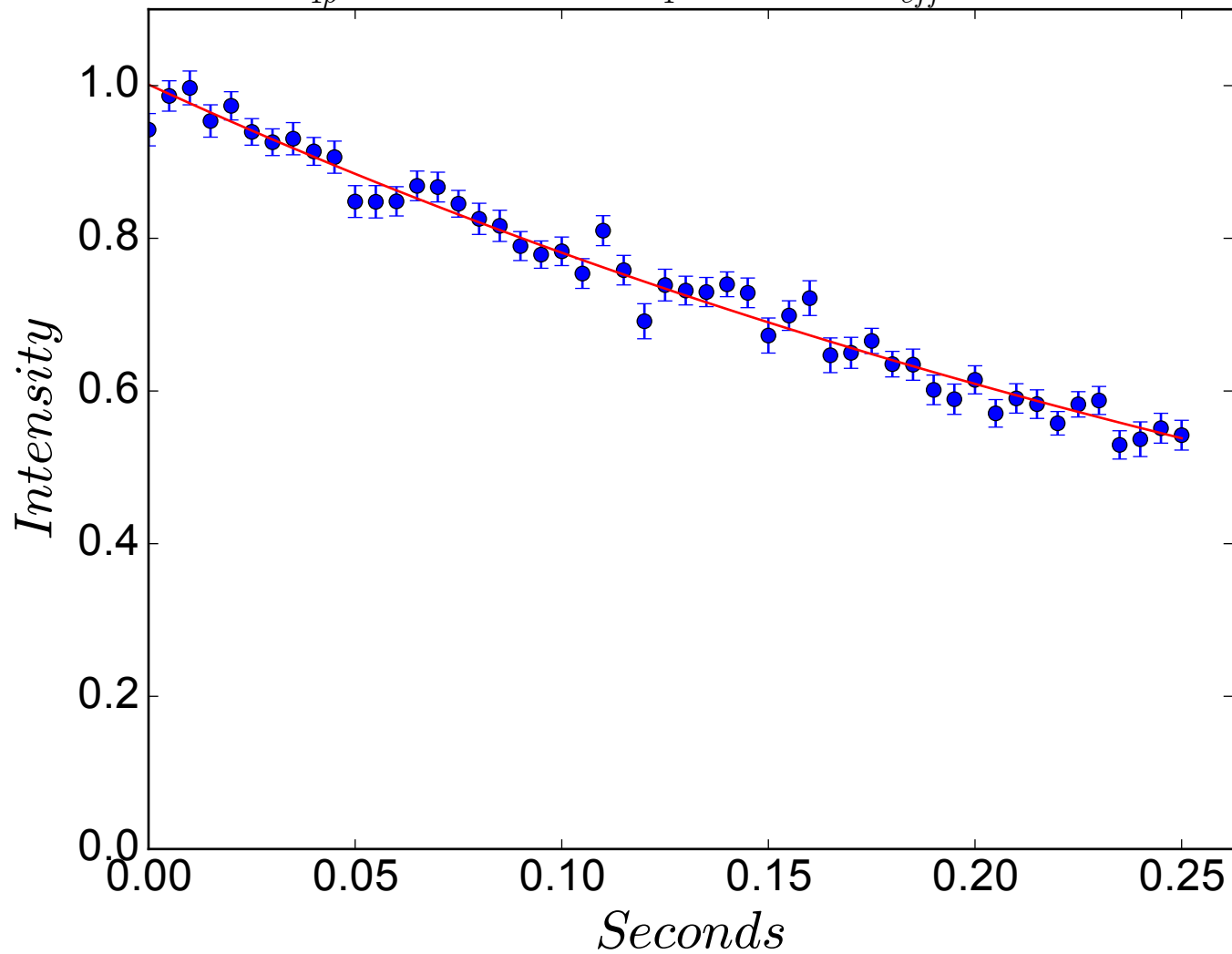
$$R_{1\rho} = 2.6 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 668 \text{ Hz}$$



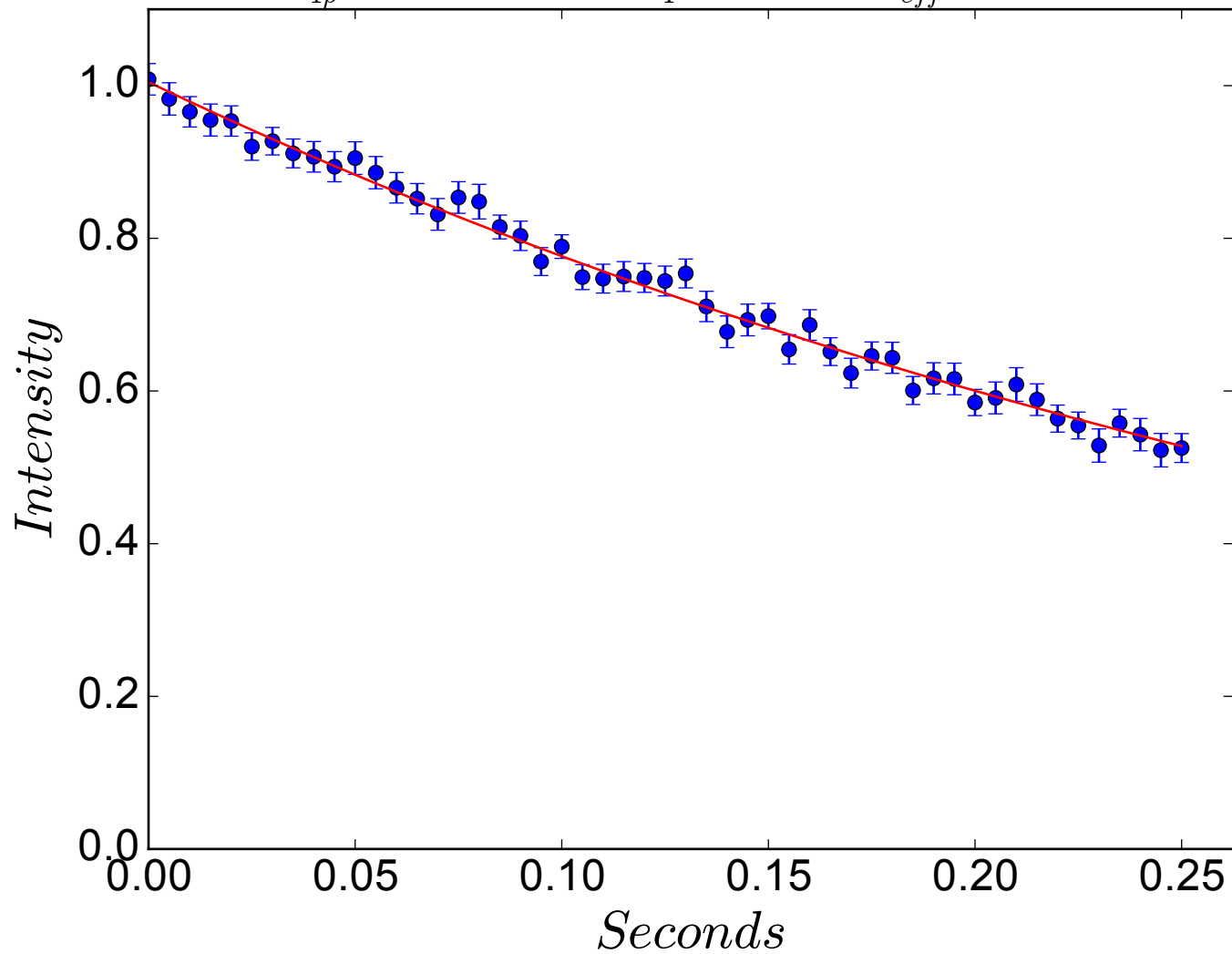
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 678 \text{ Hz}$$



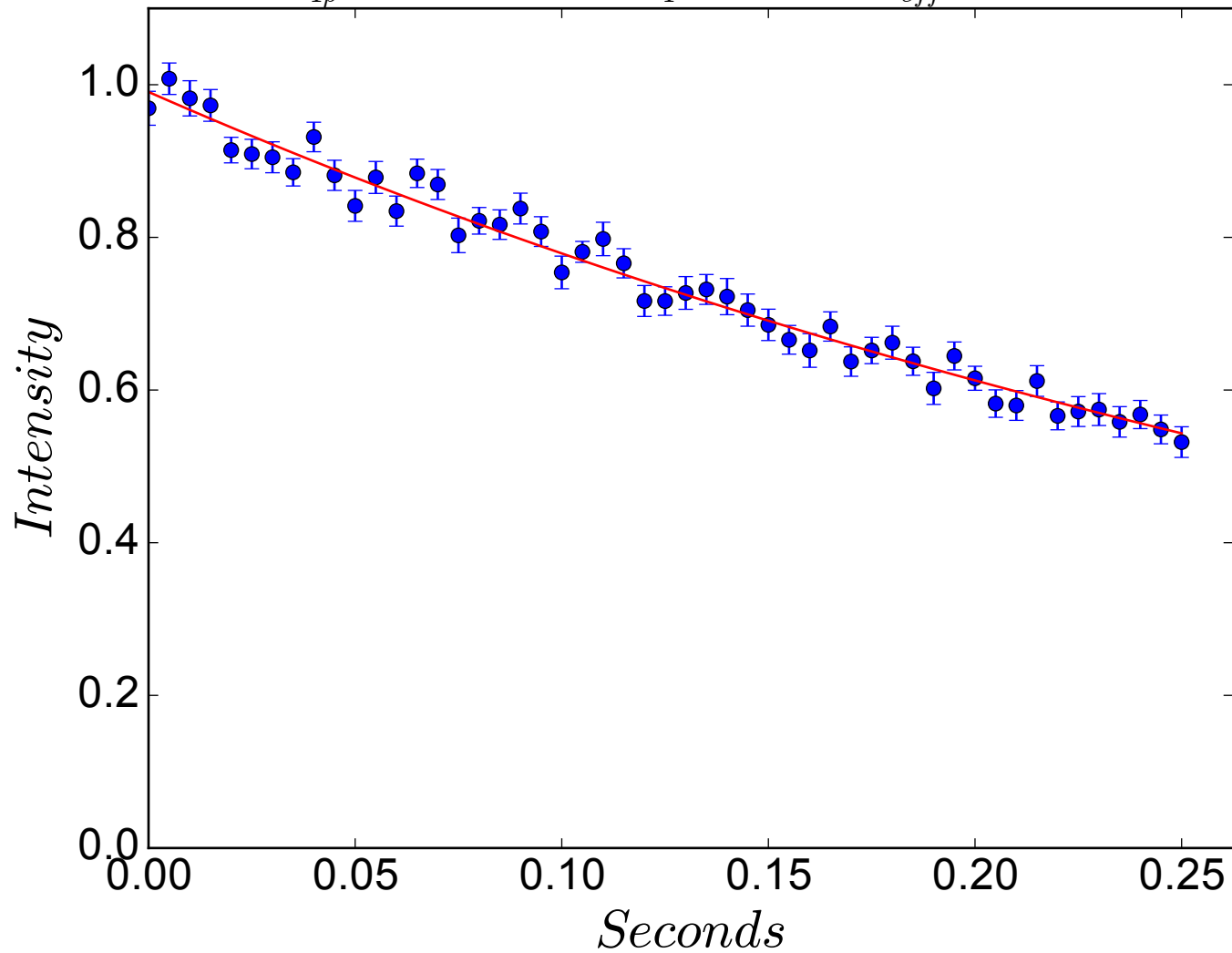
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 688 \text{ Hz}$$



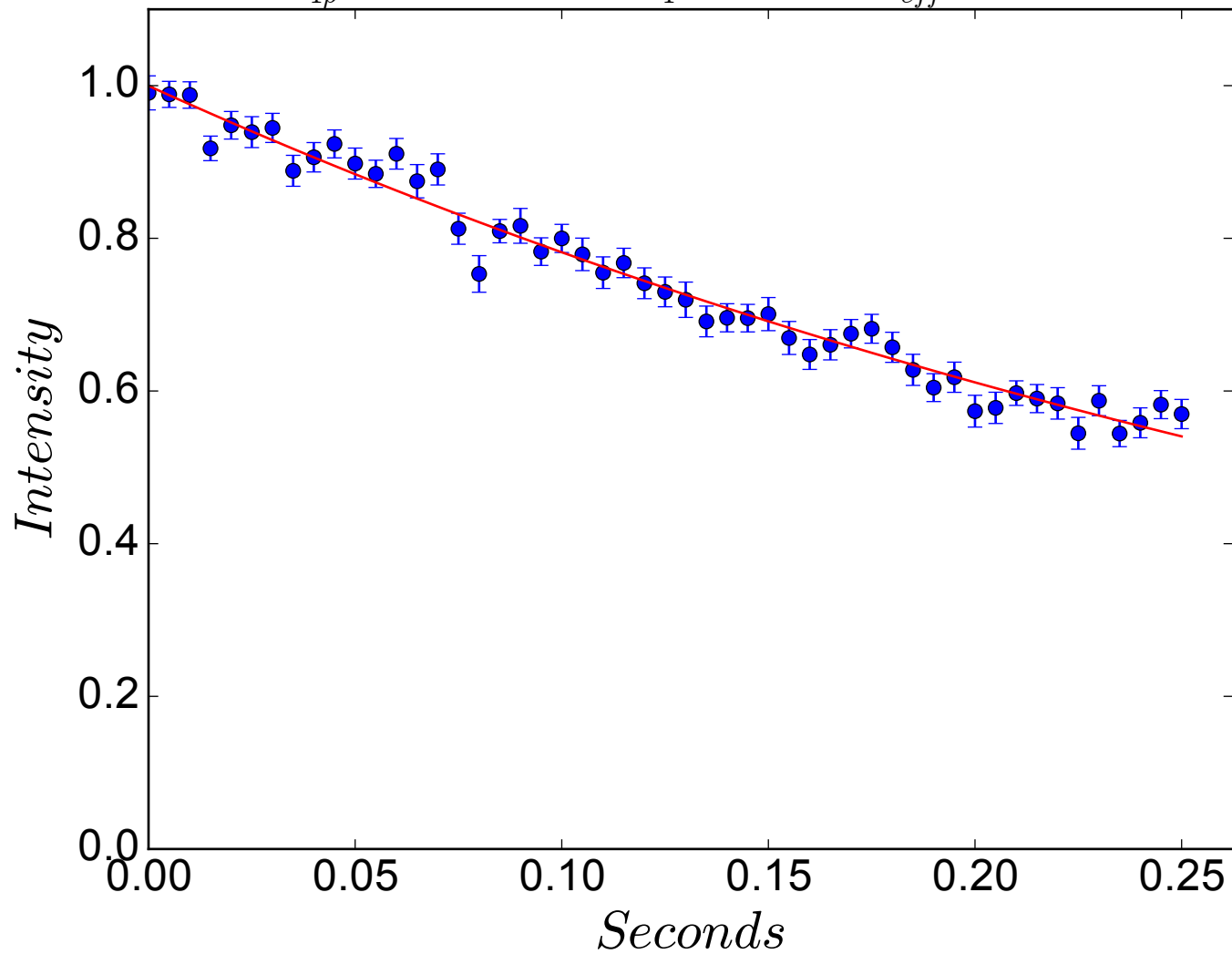
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 698 \text{ Hz}$$



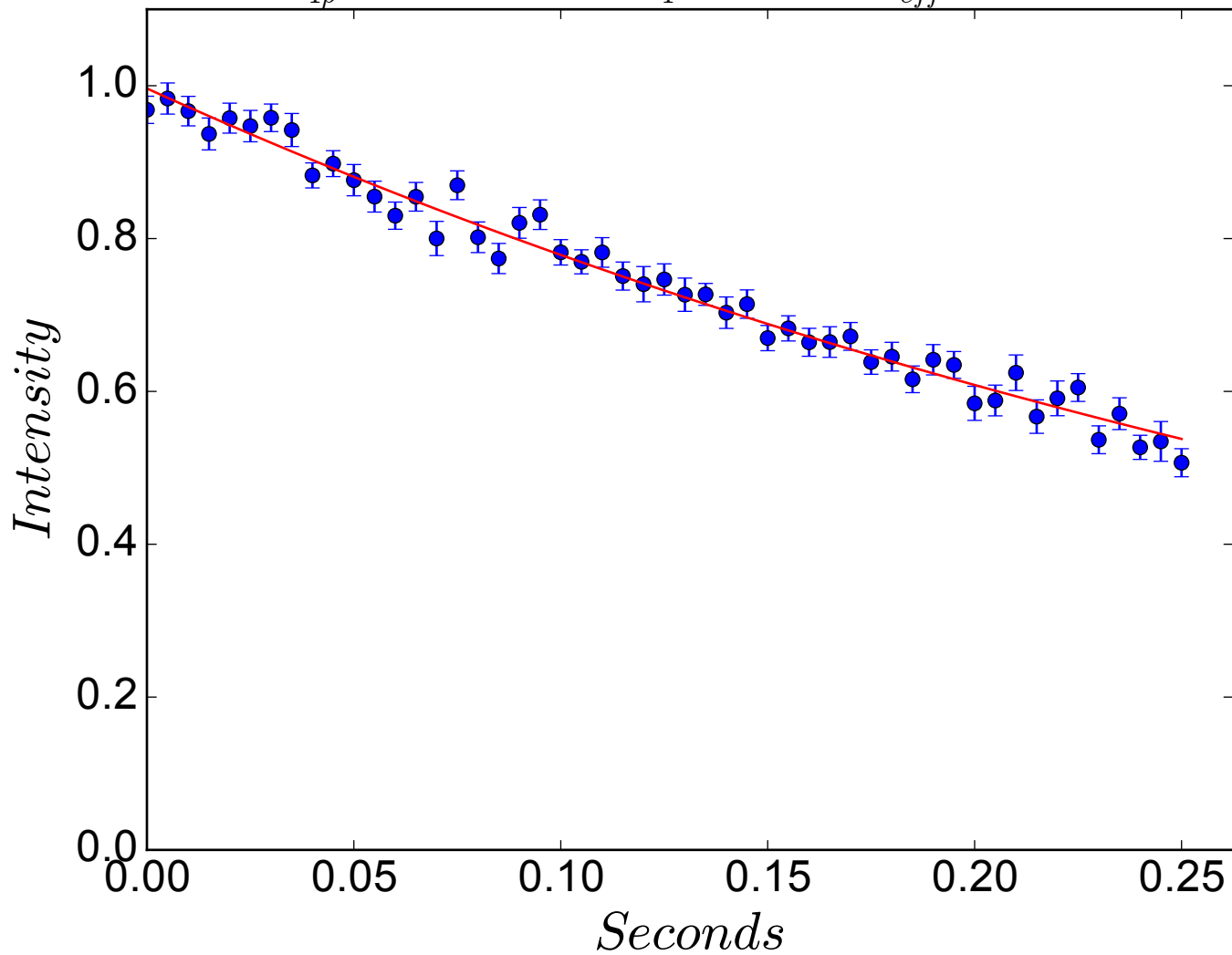
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 709 \text{ Hz}$$



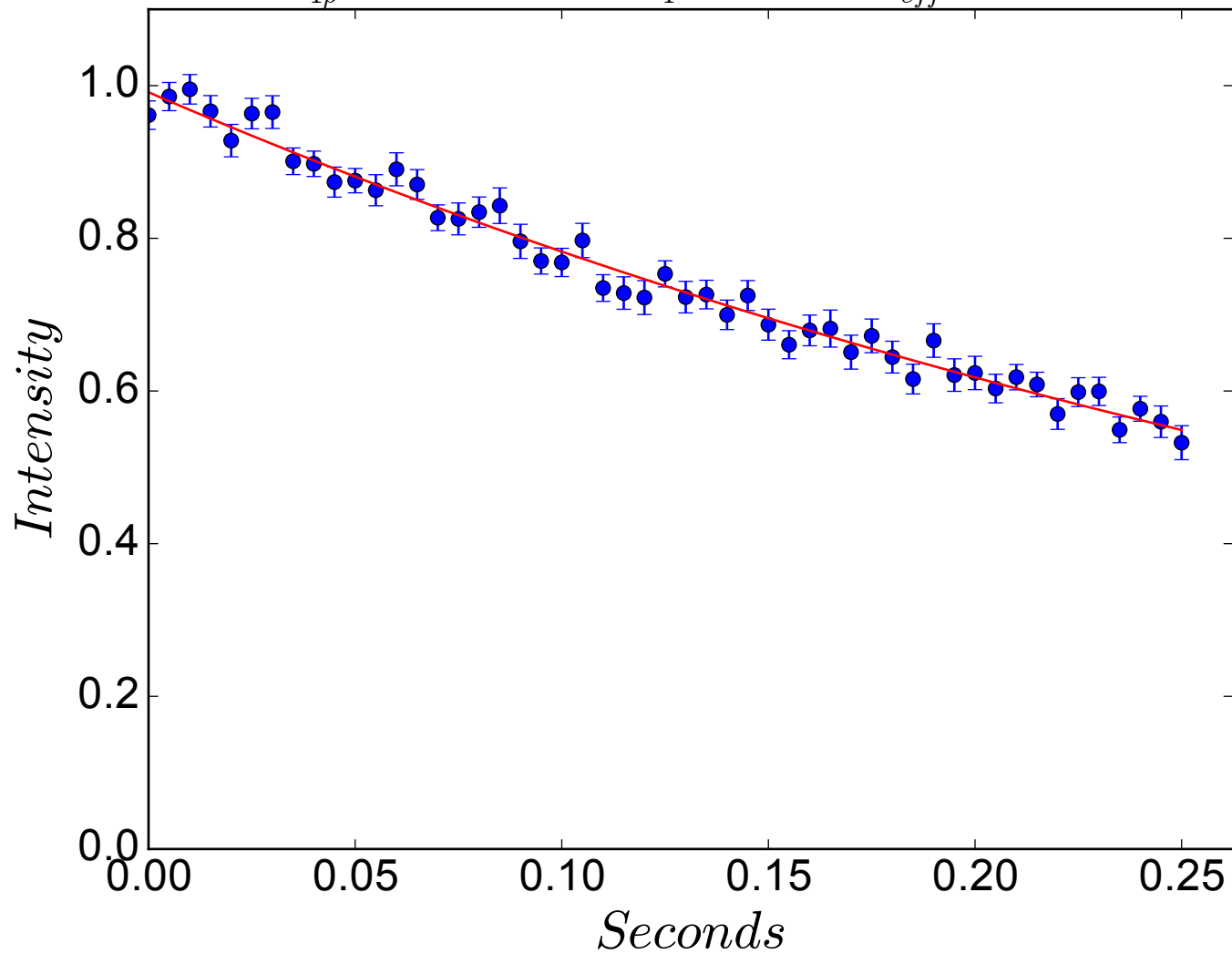
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 719 \text{ Hz}$$



$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 729 \text{ Hz}$$

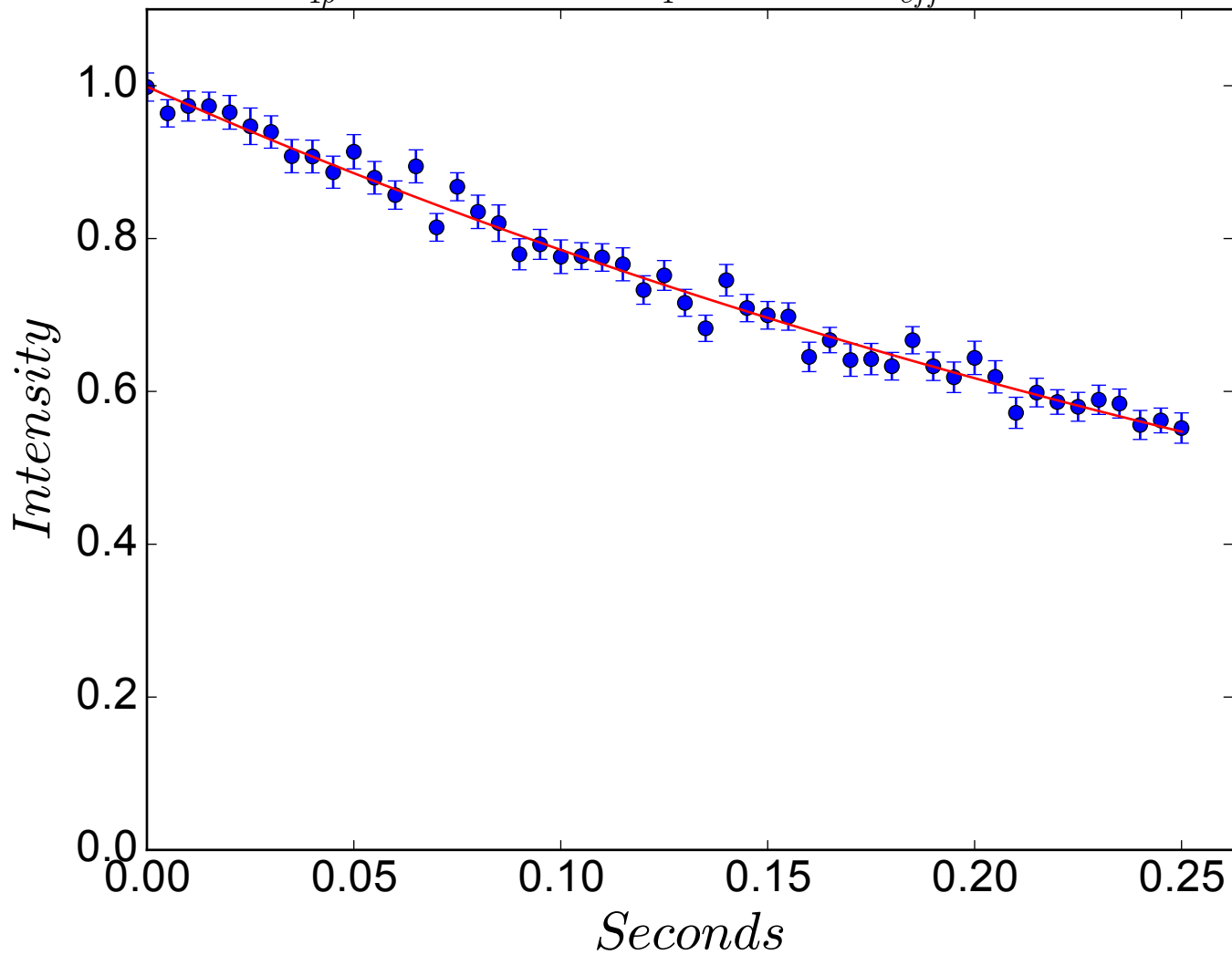


$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 739 \text{ Hz}$$

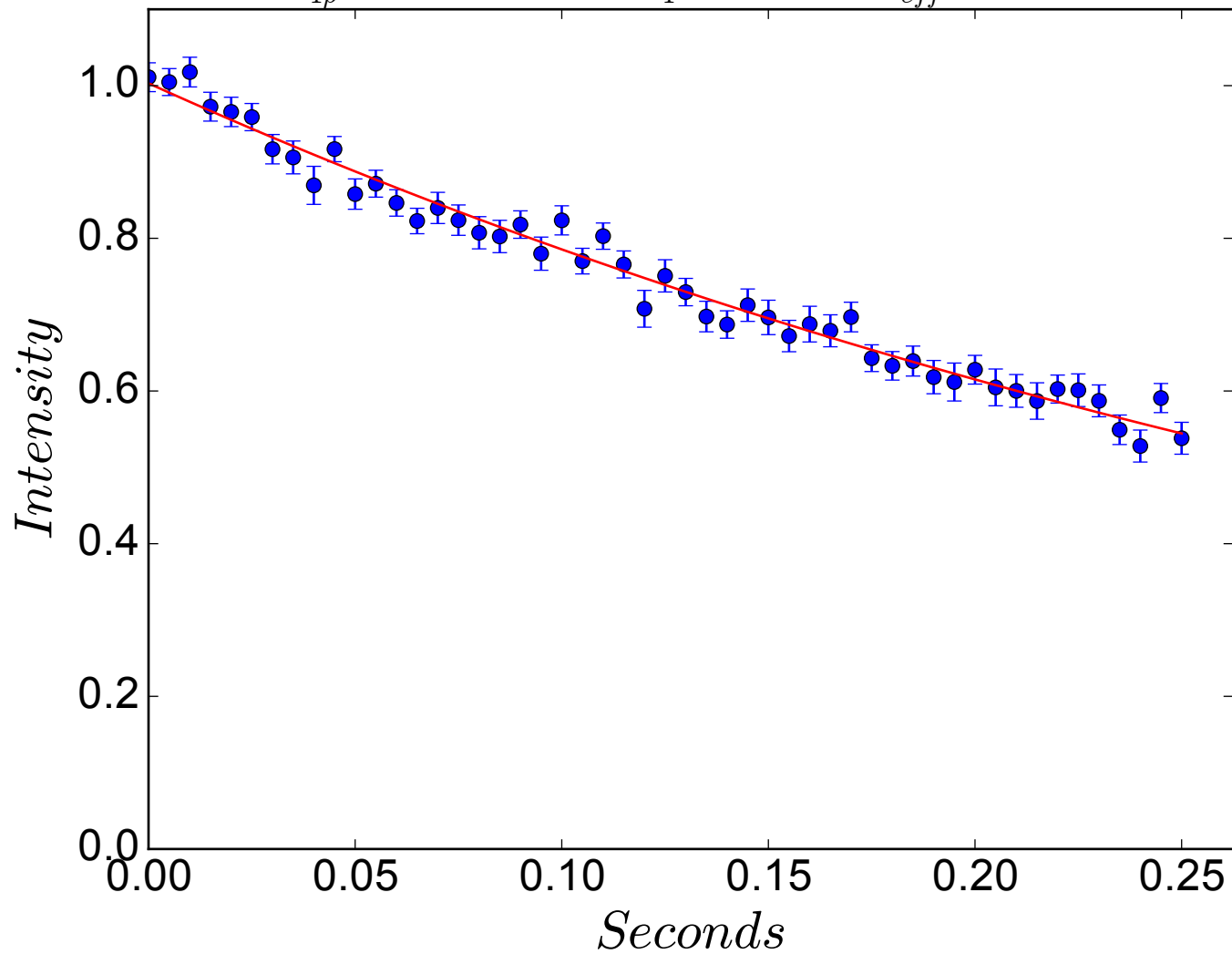




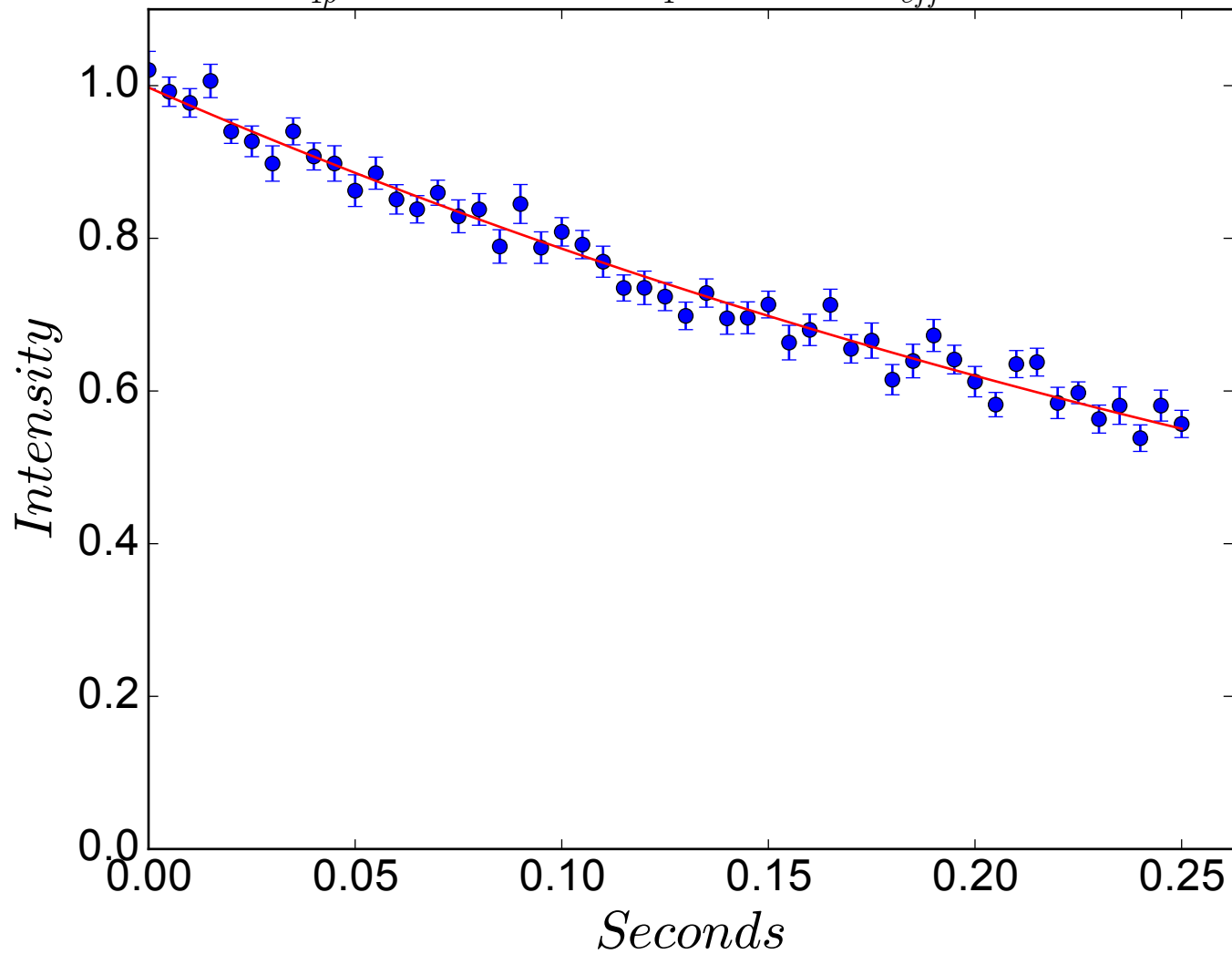
$$R_{1\rho} = 2.4 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 749 \text{ Hz}$$



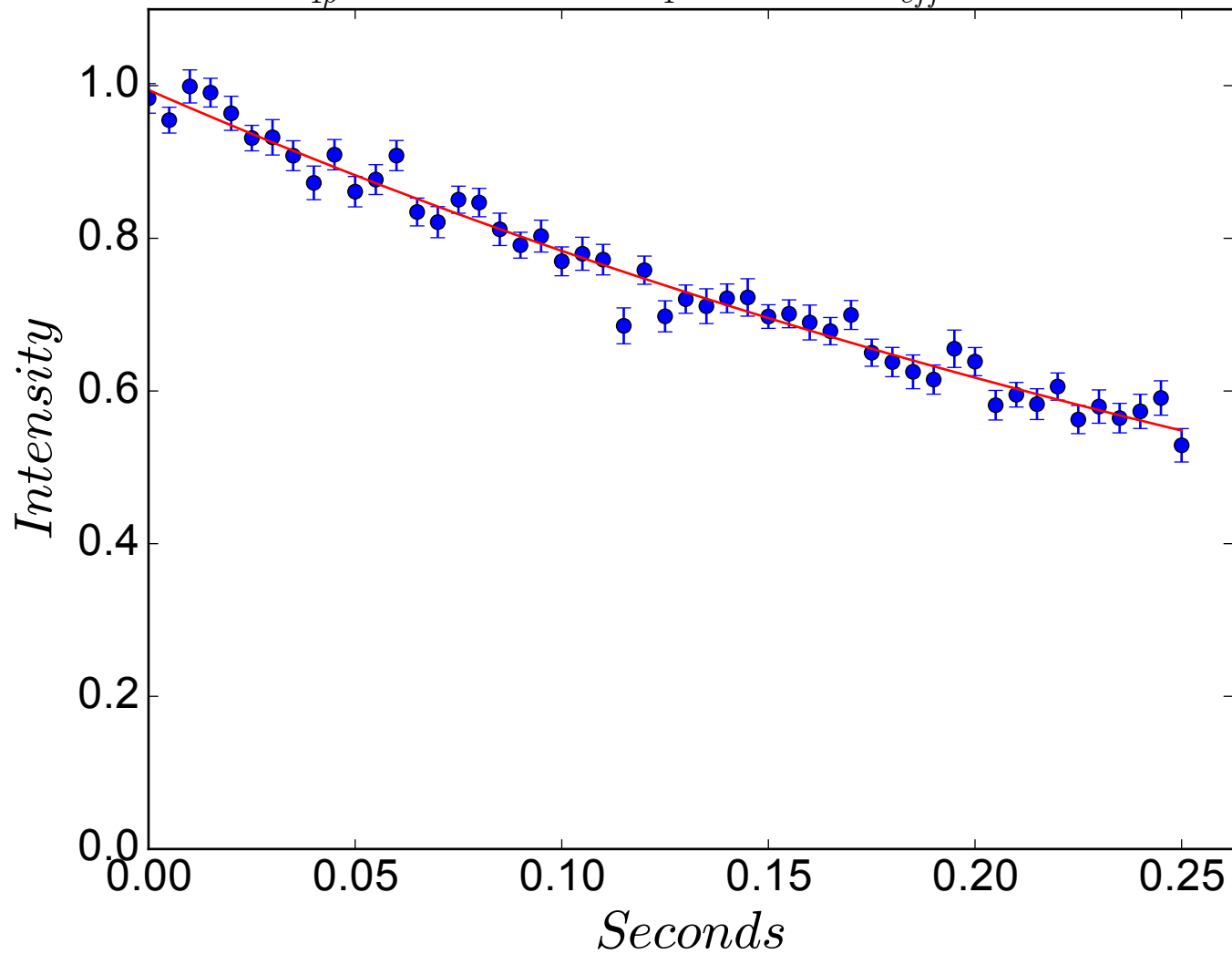
$$R_{1\rho} = 2.4 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 759 \text{ Hz}$$



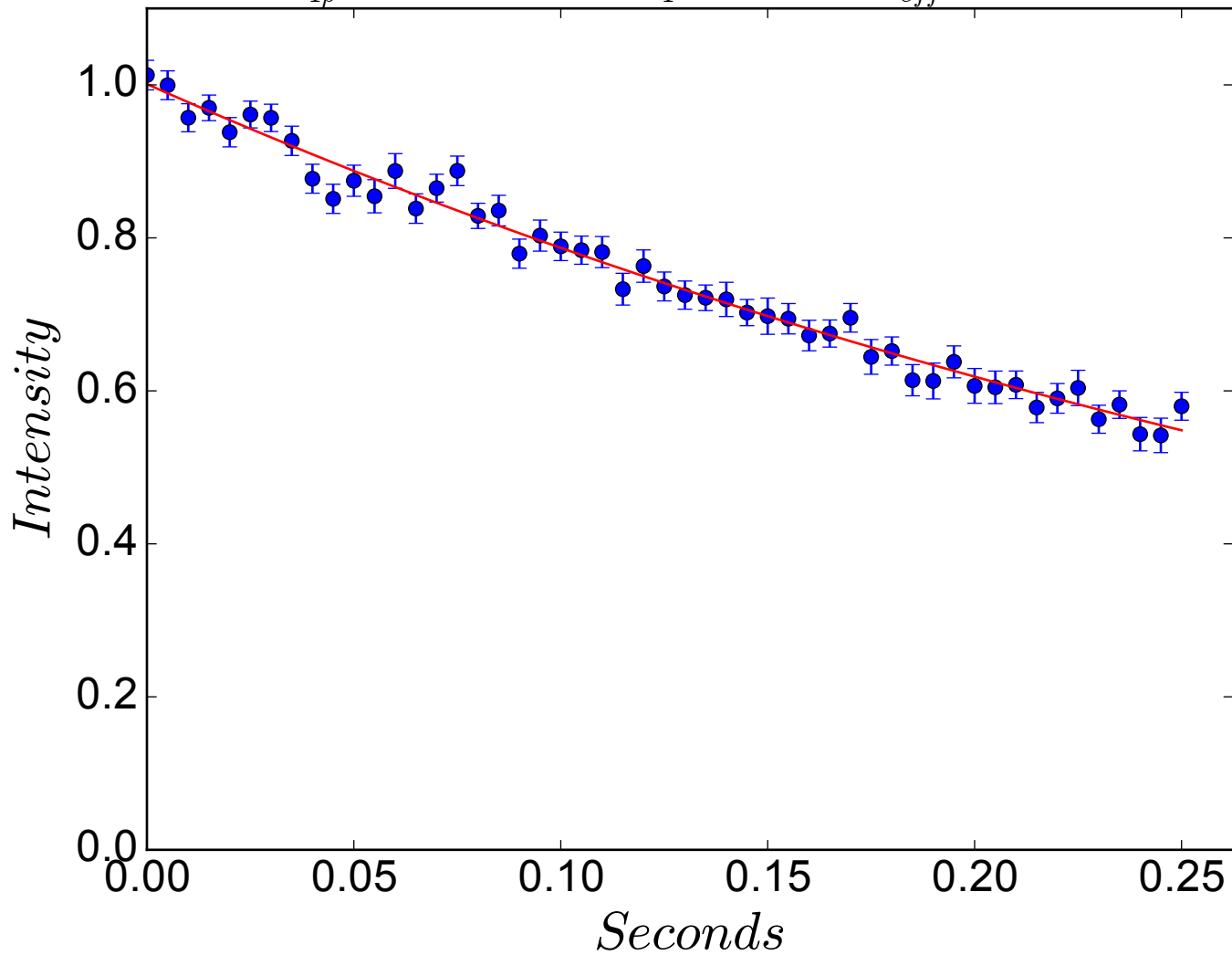
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 769 \text{ Hz}$$



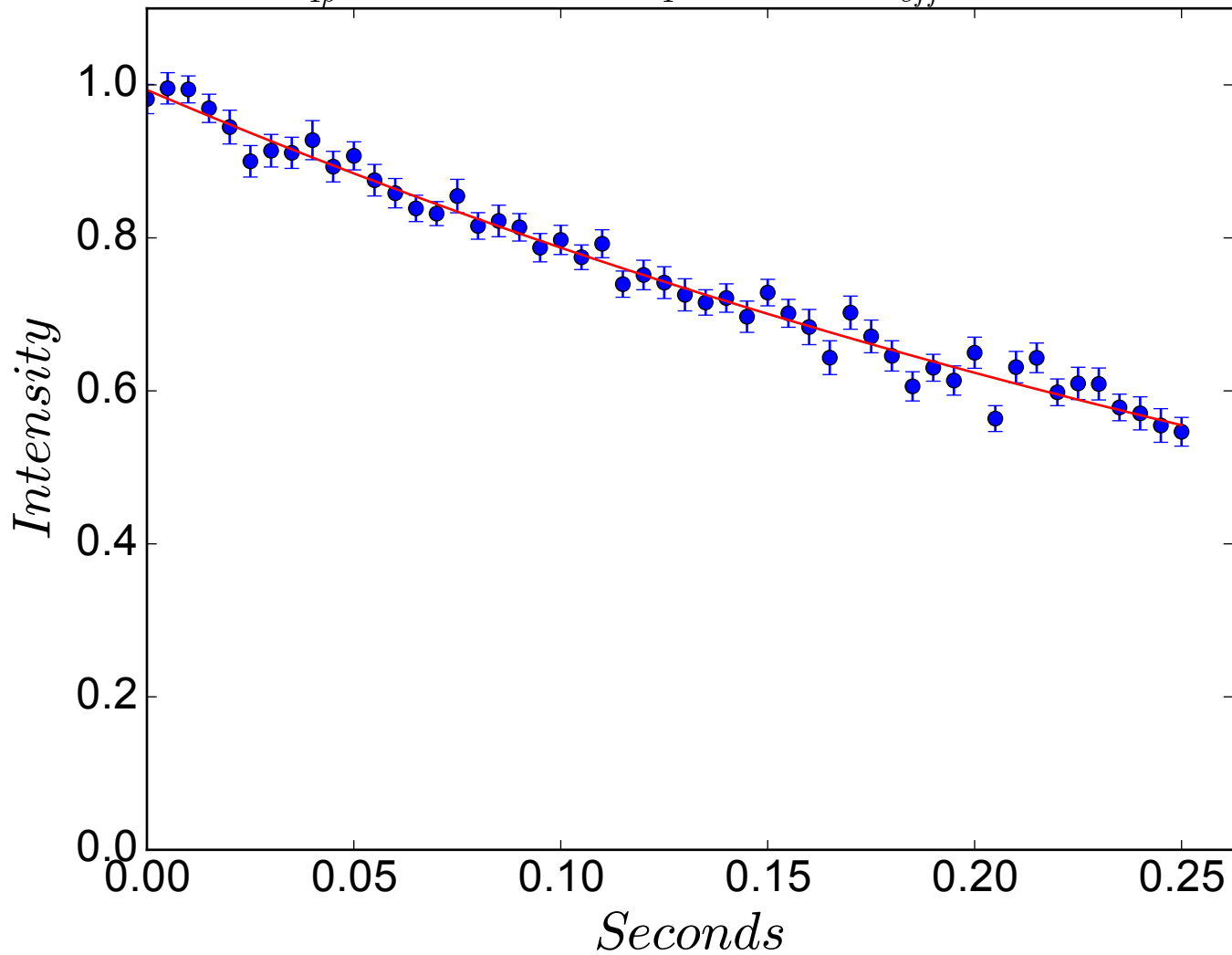
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 779 \text{ Hz}$$



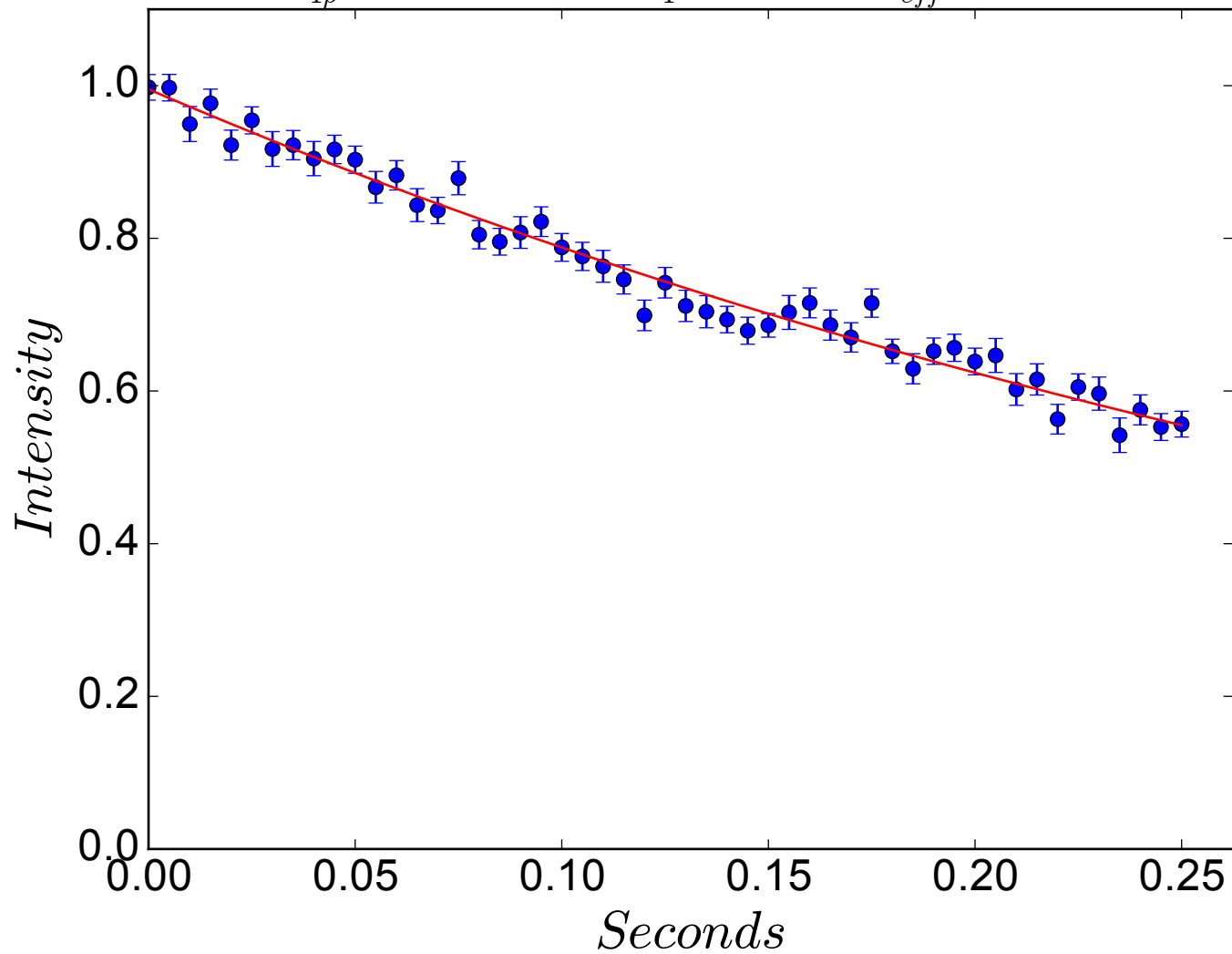
$$R_{1\rho} = 2.4 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 789 \text{ Hz}$$



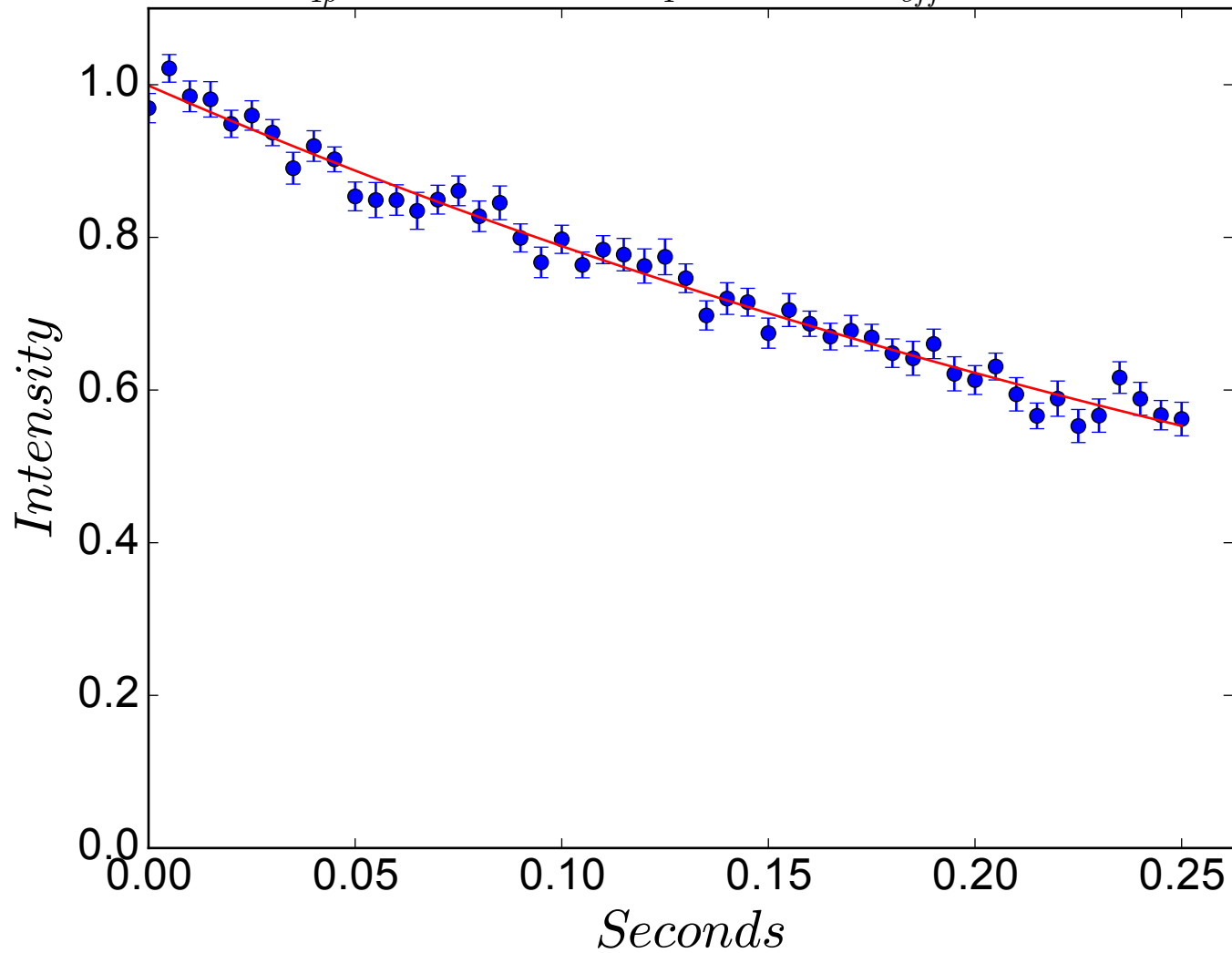
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 799 \text{ Hz}$$



$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 809 \text{ Hz}$$

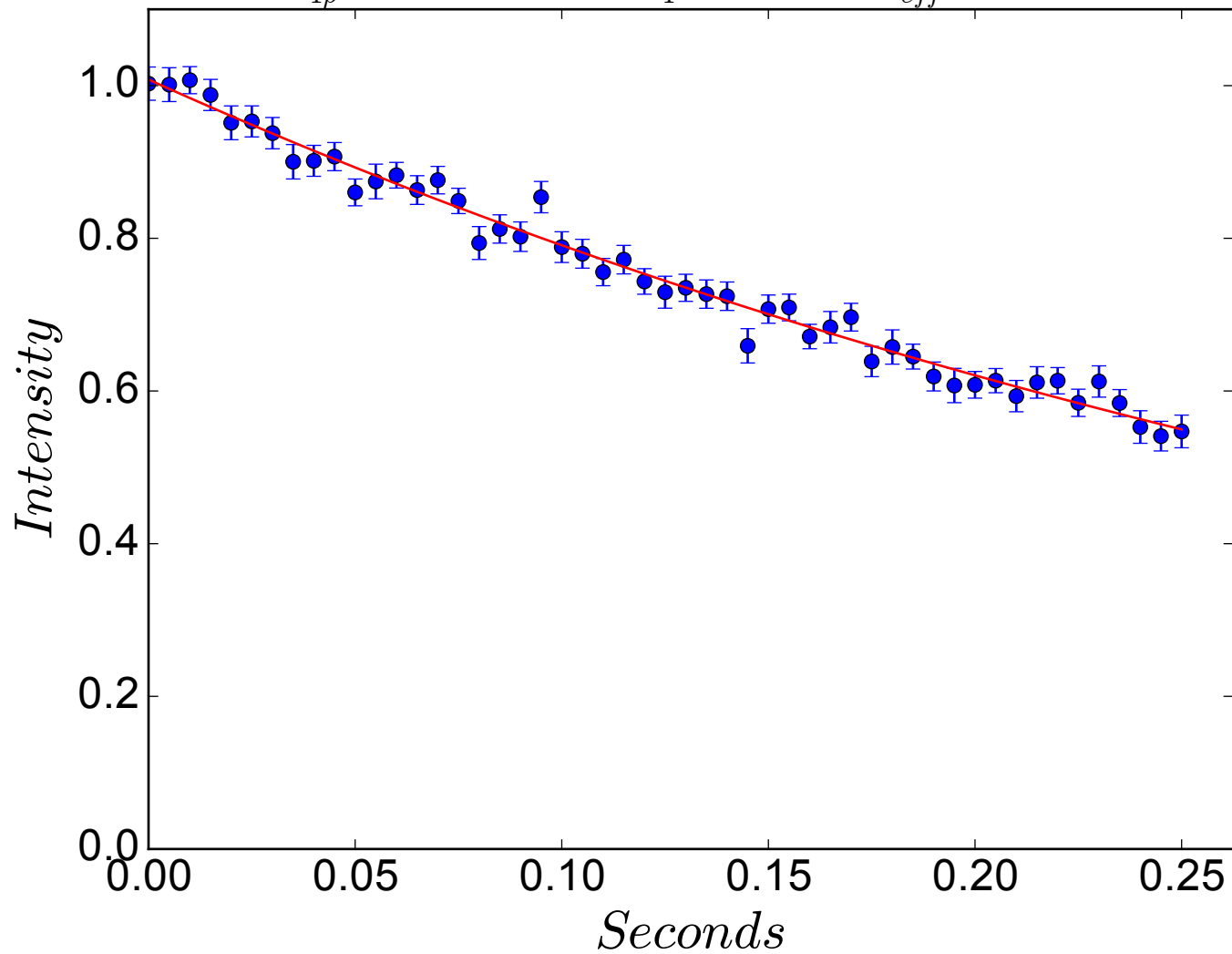


$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 819 \text{ Hz}$$

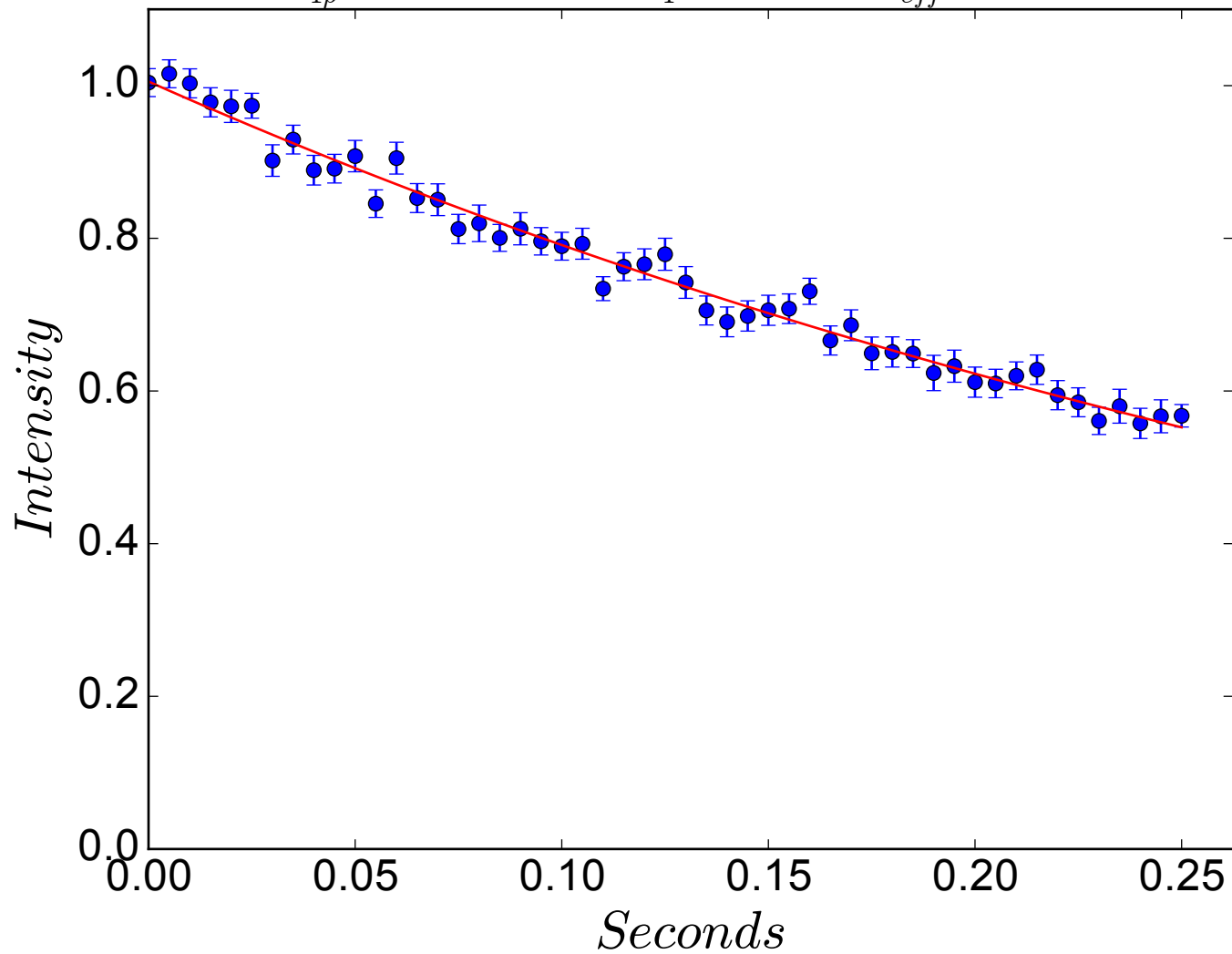




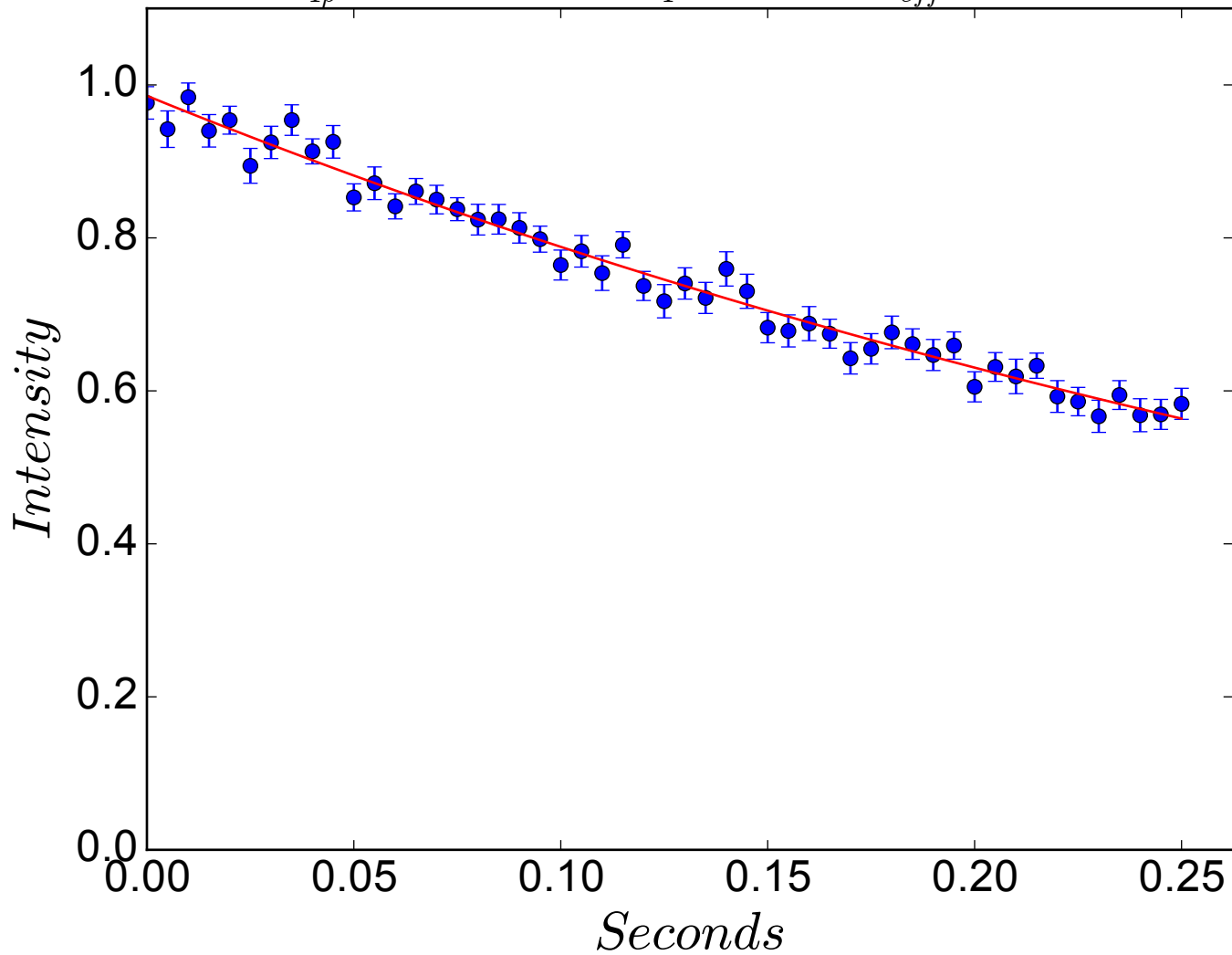
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 829 \text{ Hz}$$



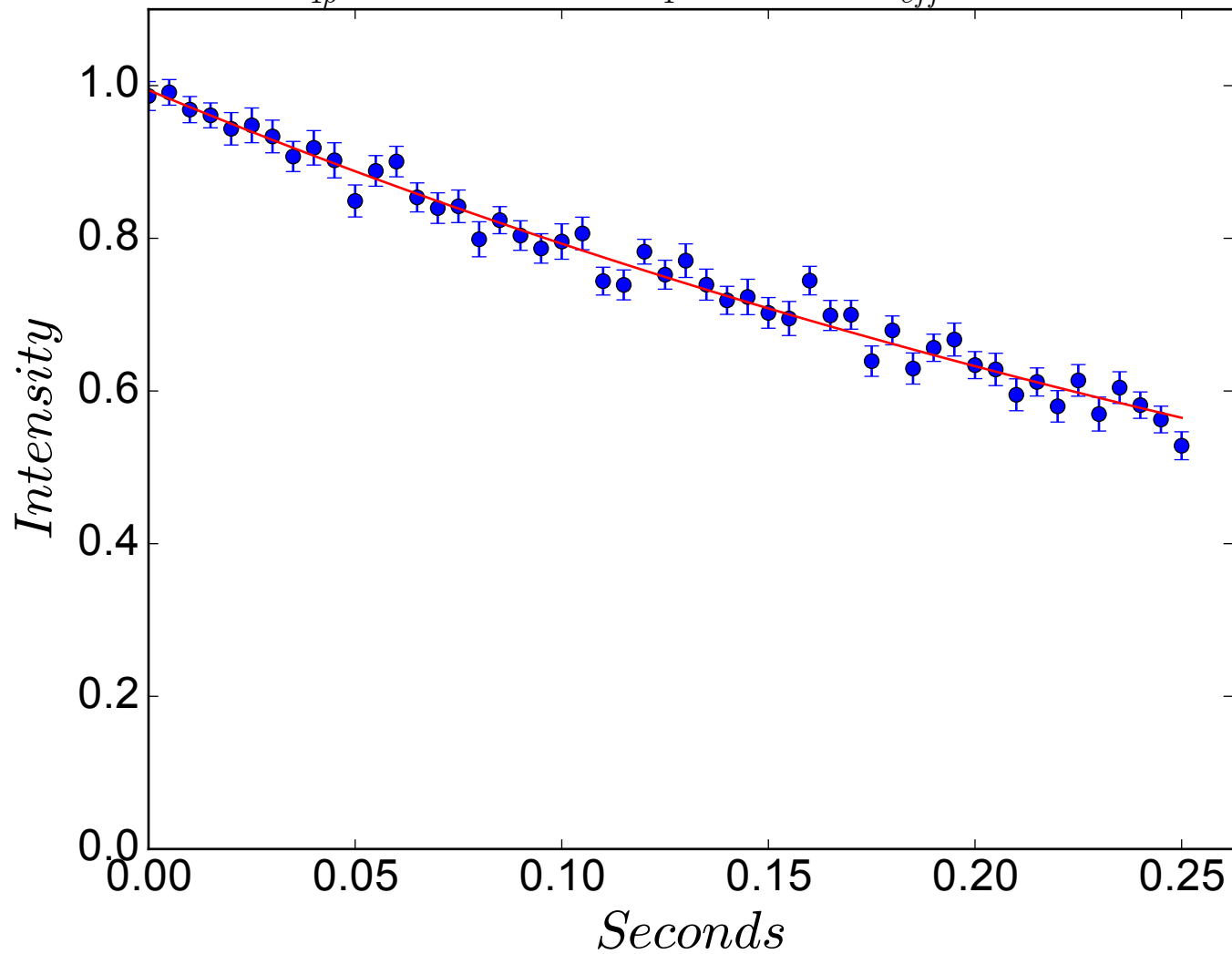
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 839 \text{ Hz}$$



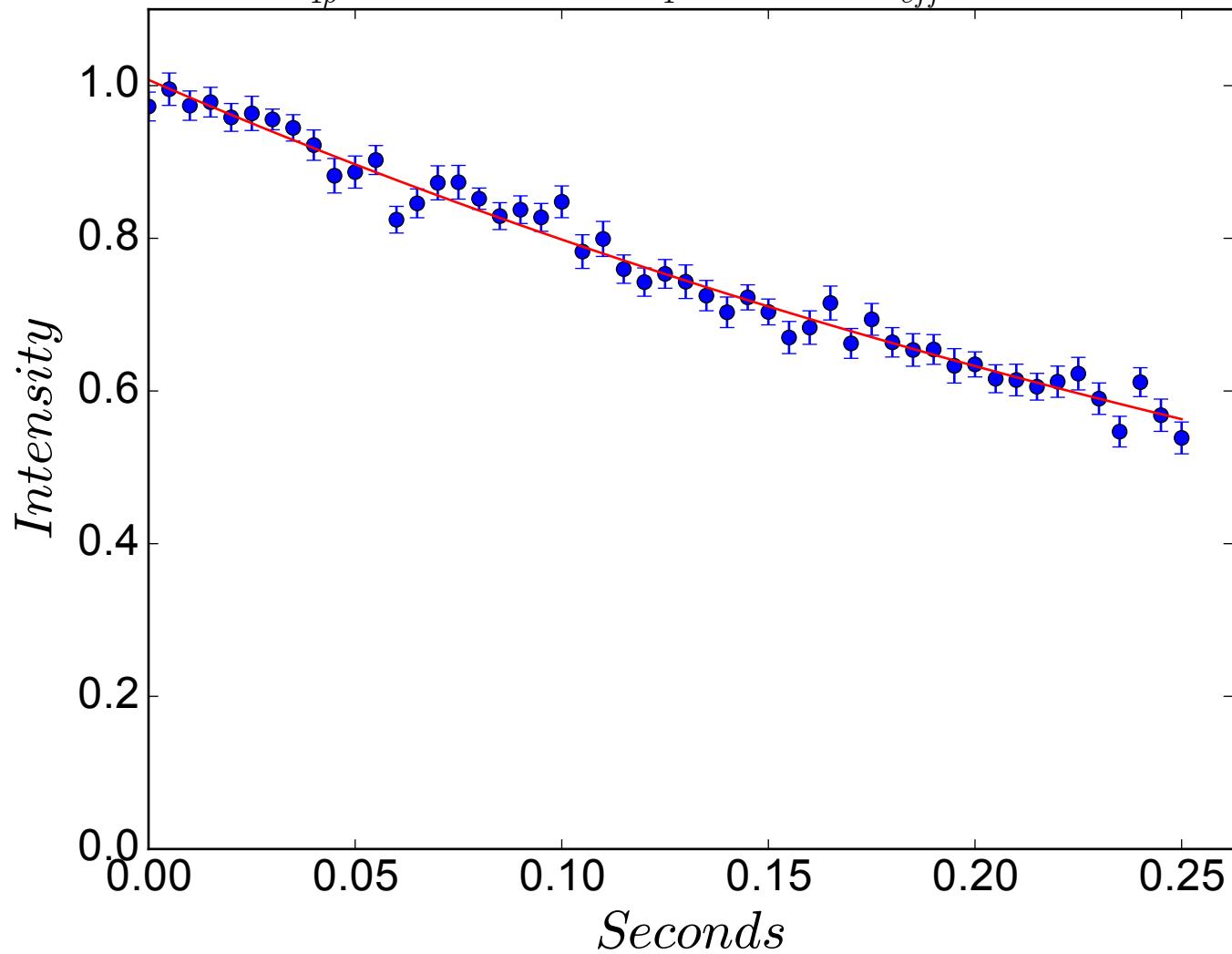
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 849 \text{ Hz}$$



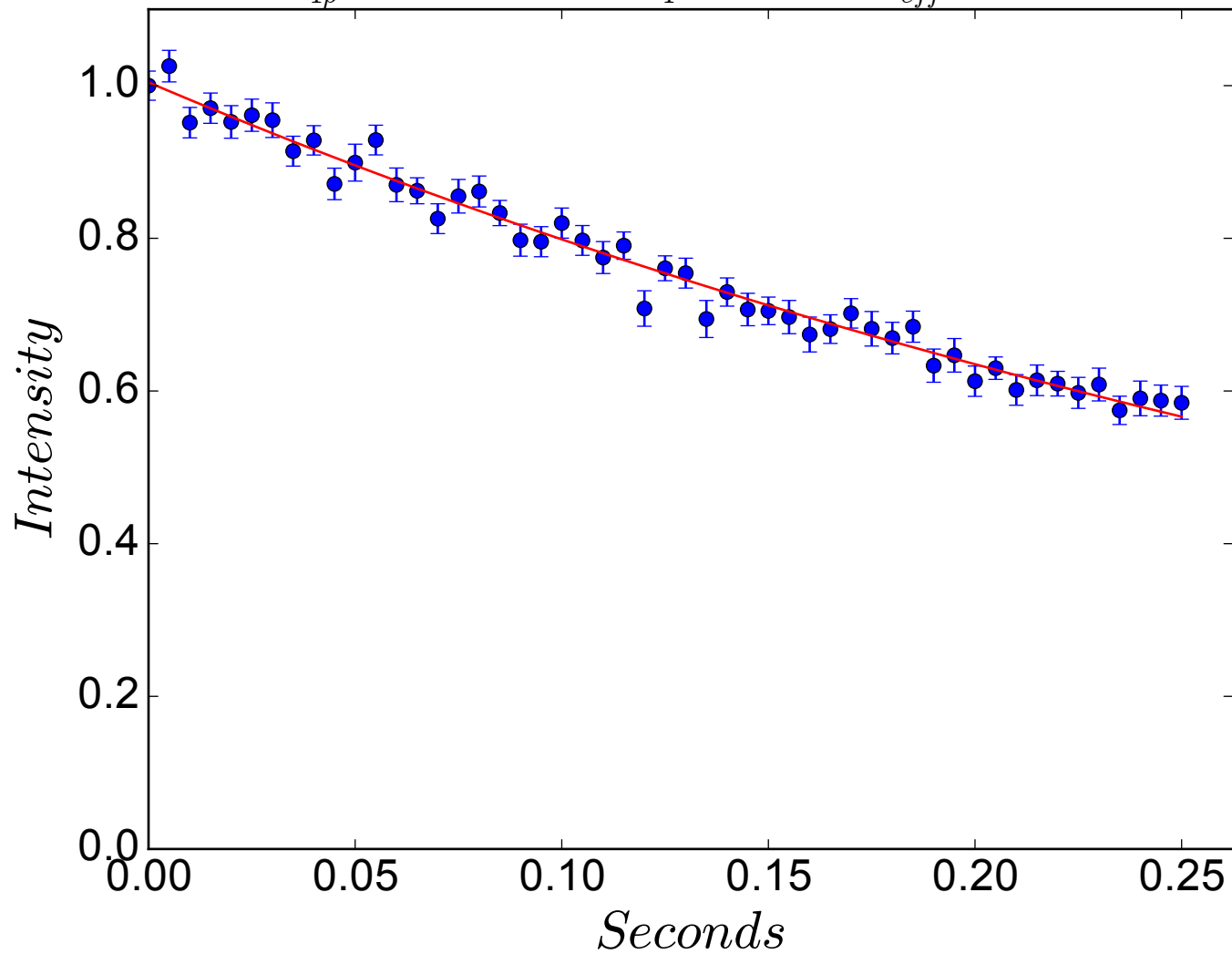
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 859 \text{ Hz}$$



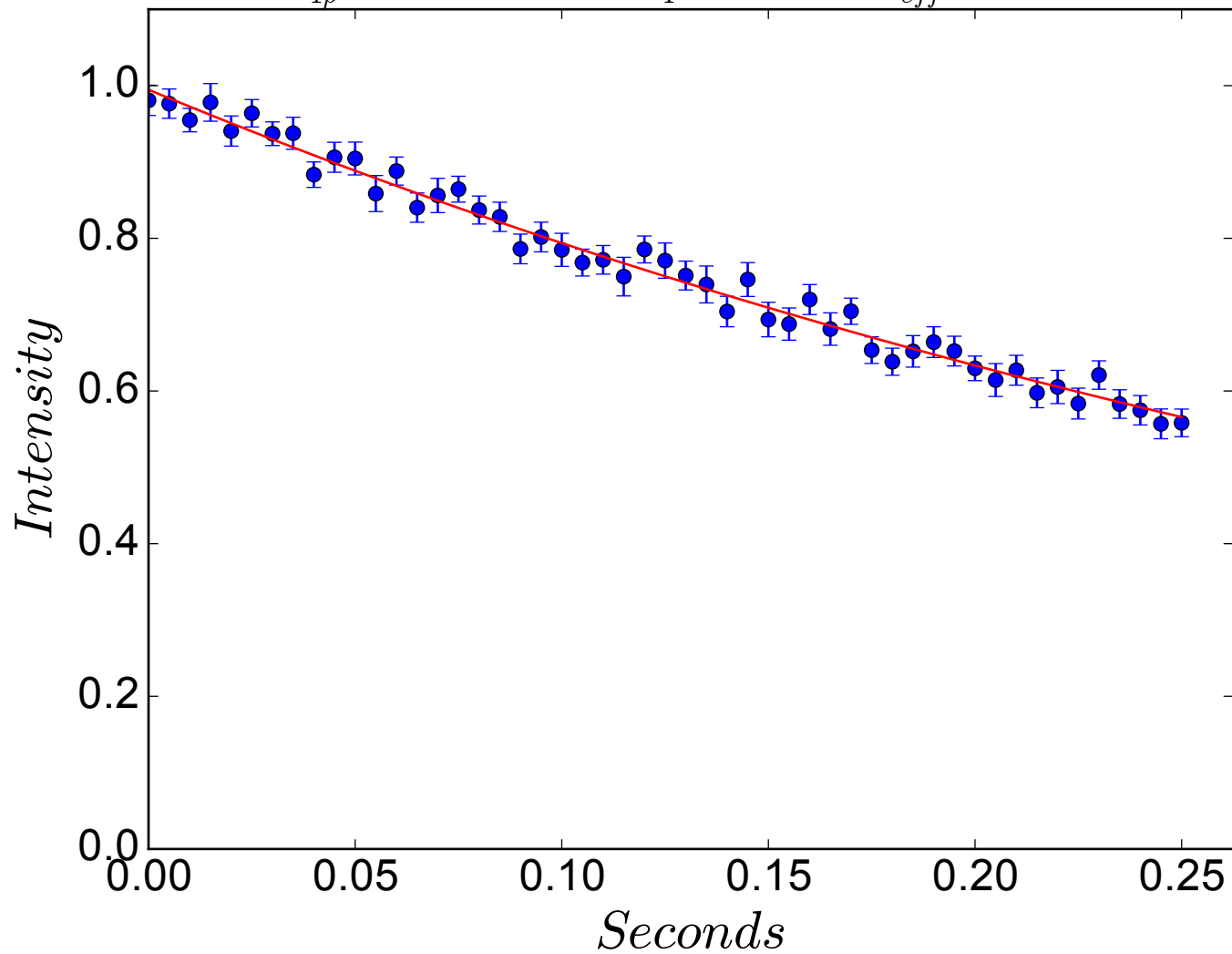
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 869 \text{ Hz}$$



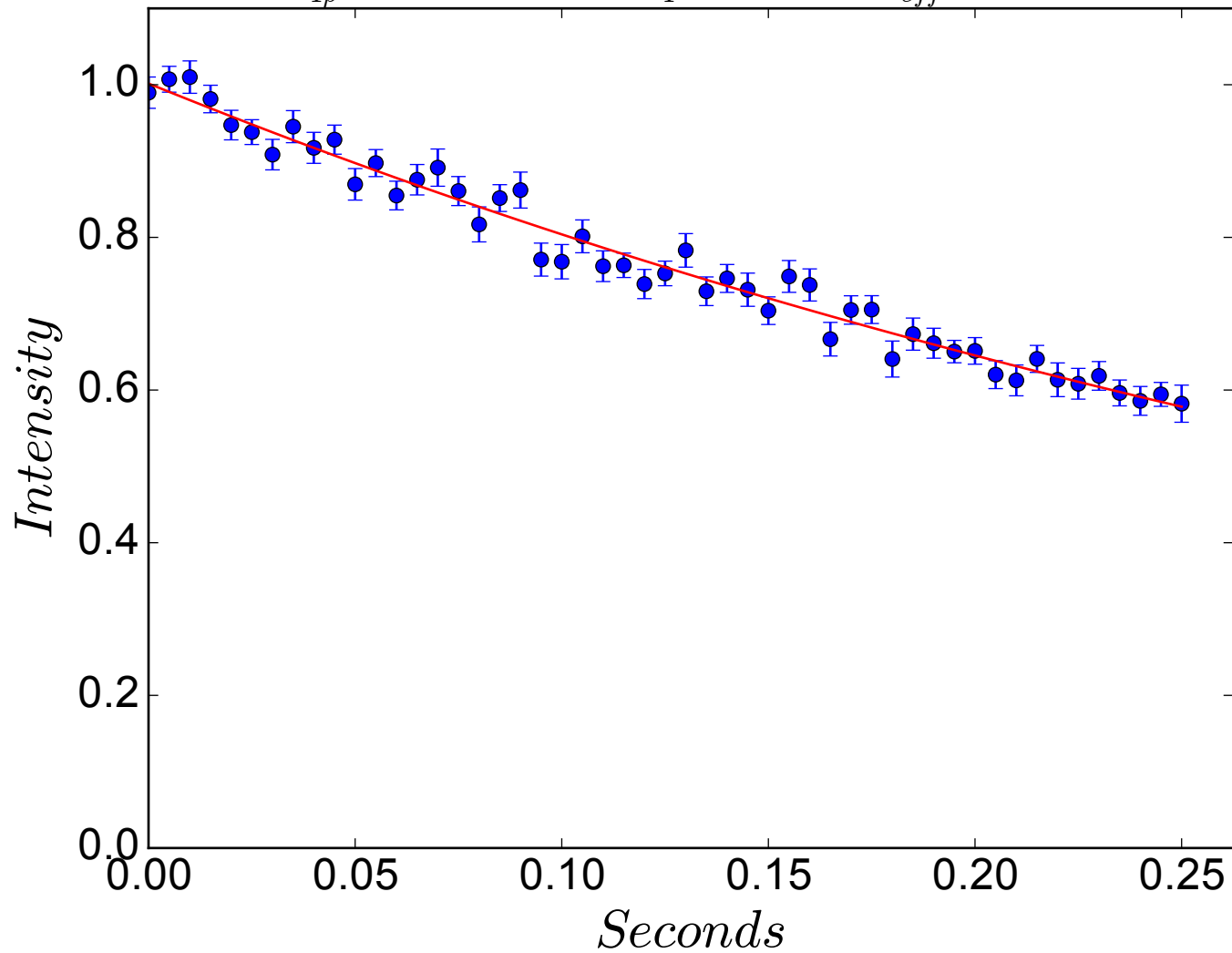
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 879 \text{ Hz}$$



$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 889 \text{ Hz}$$

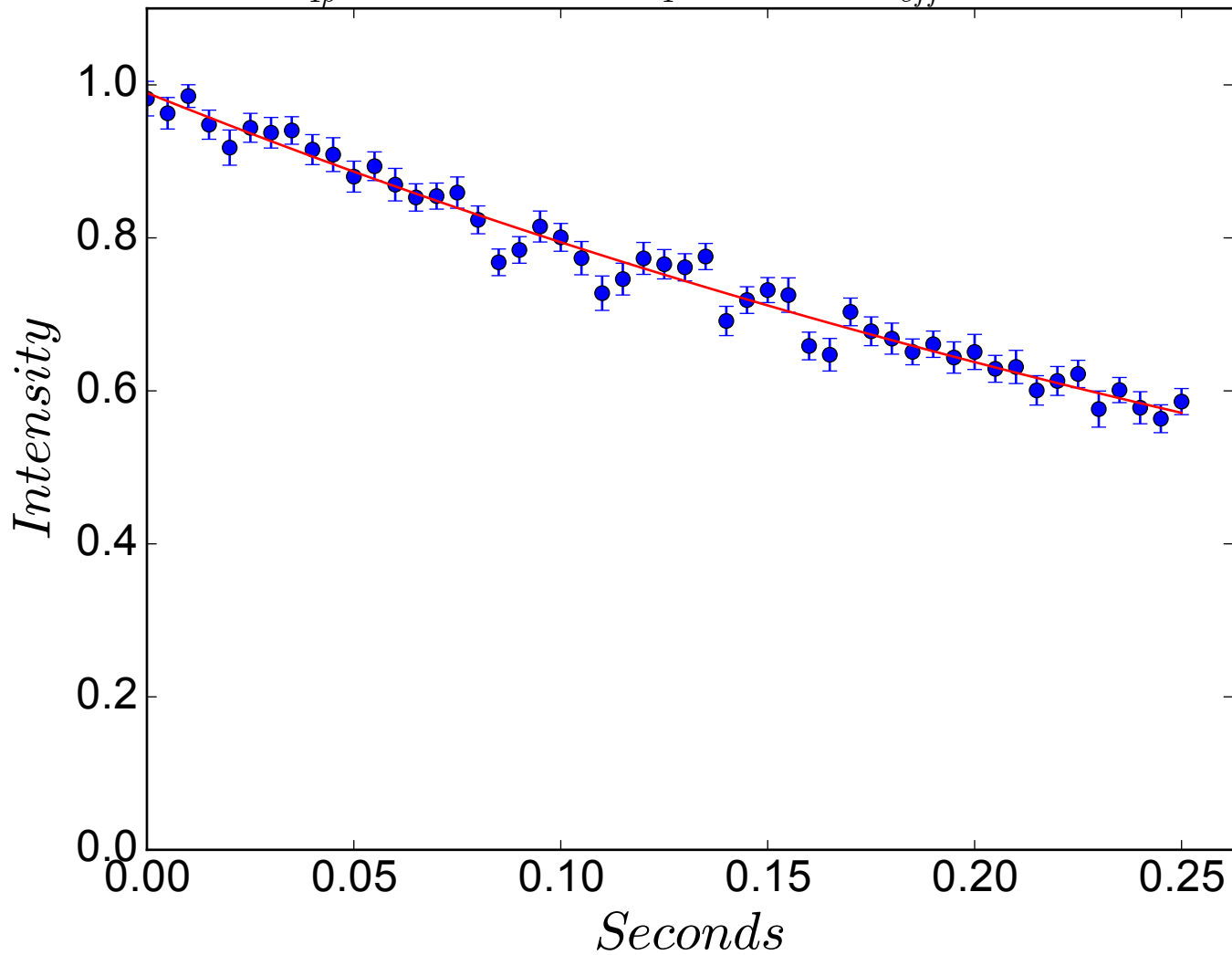


$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 899 \text{ Hz}$$

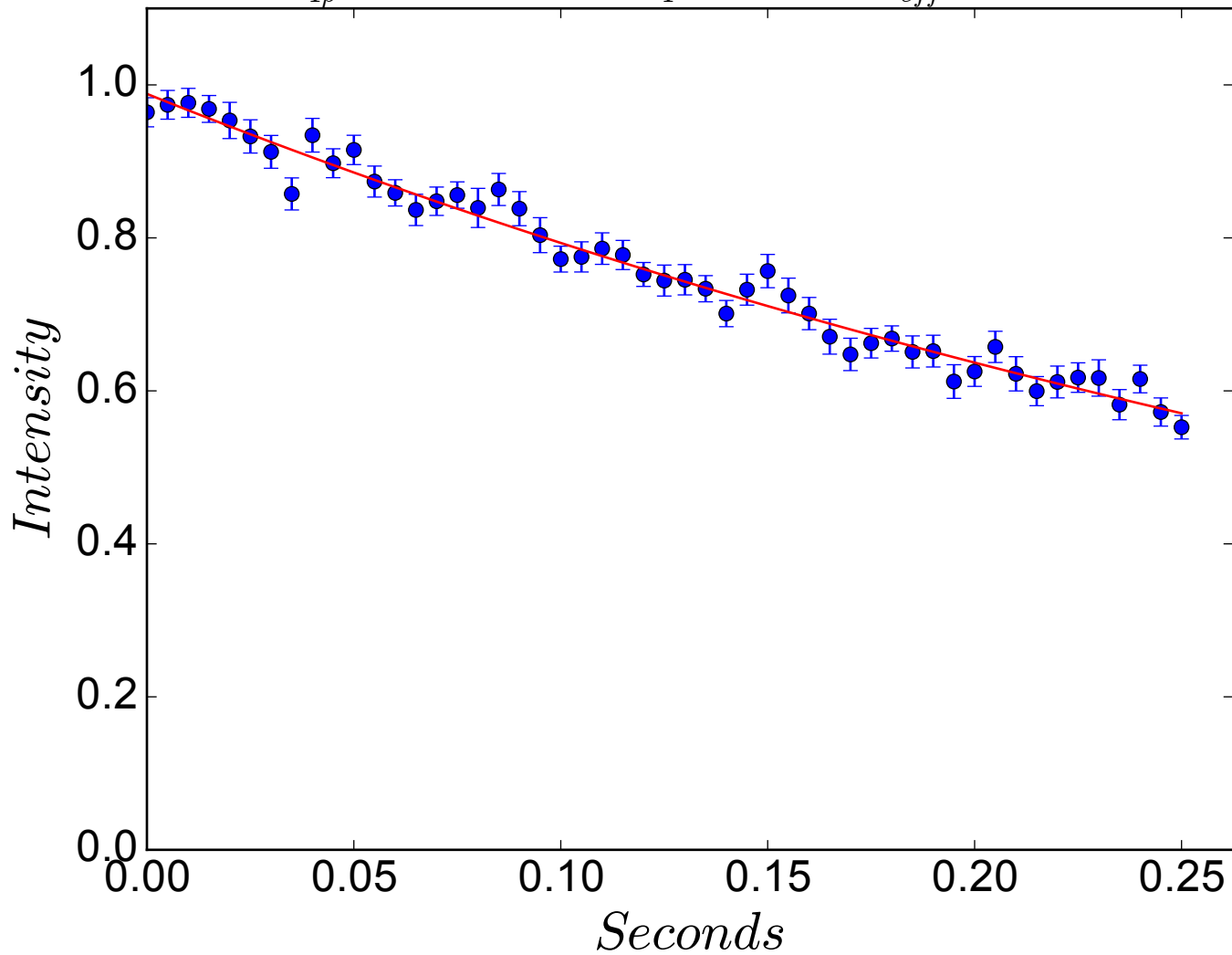




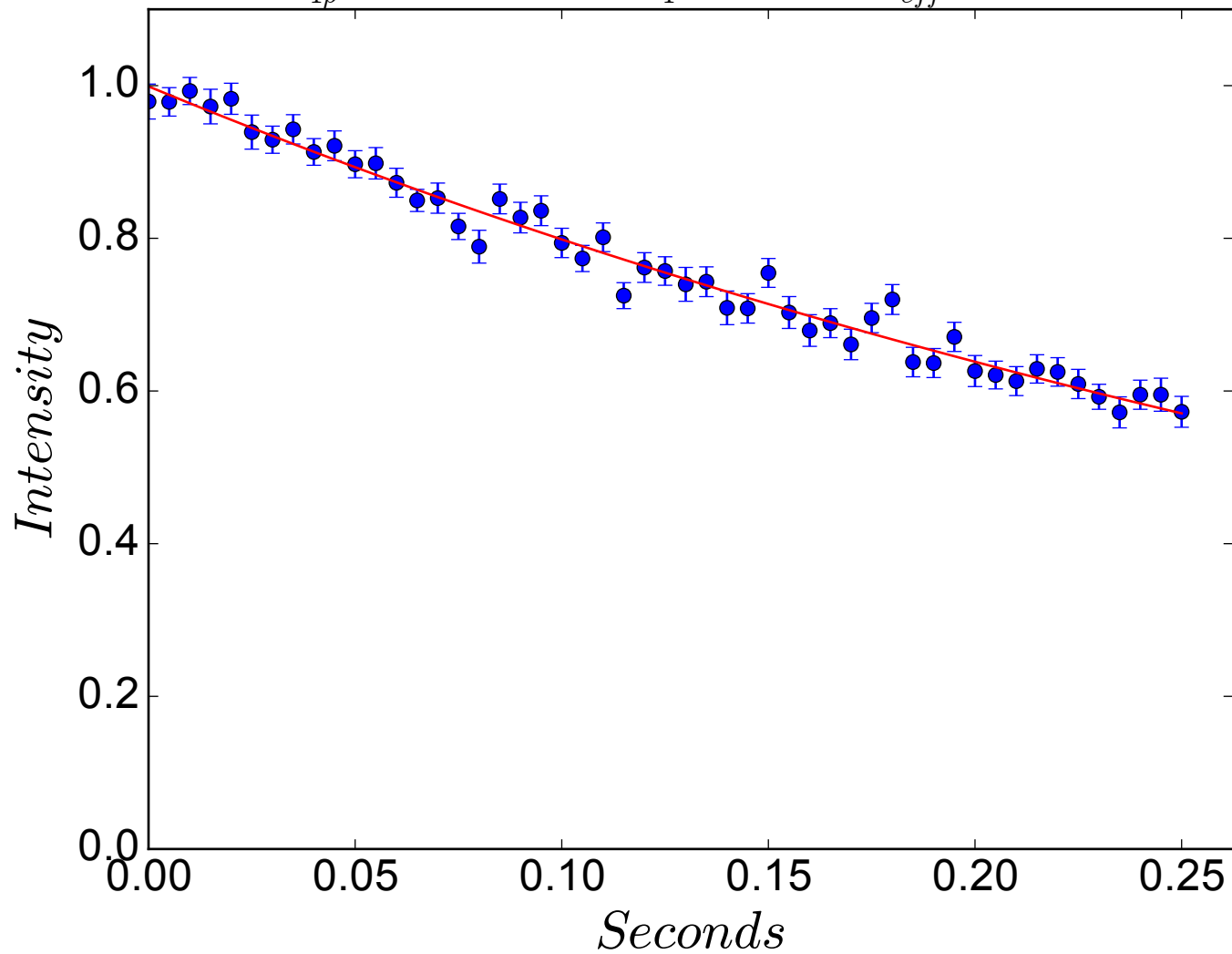
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 910 \text{ Hz}$$



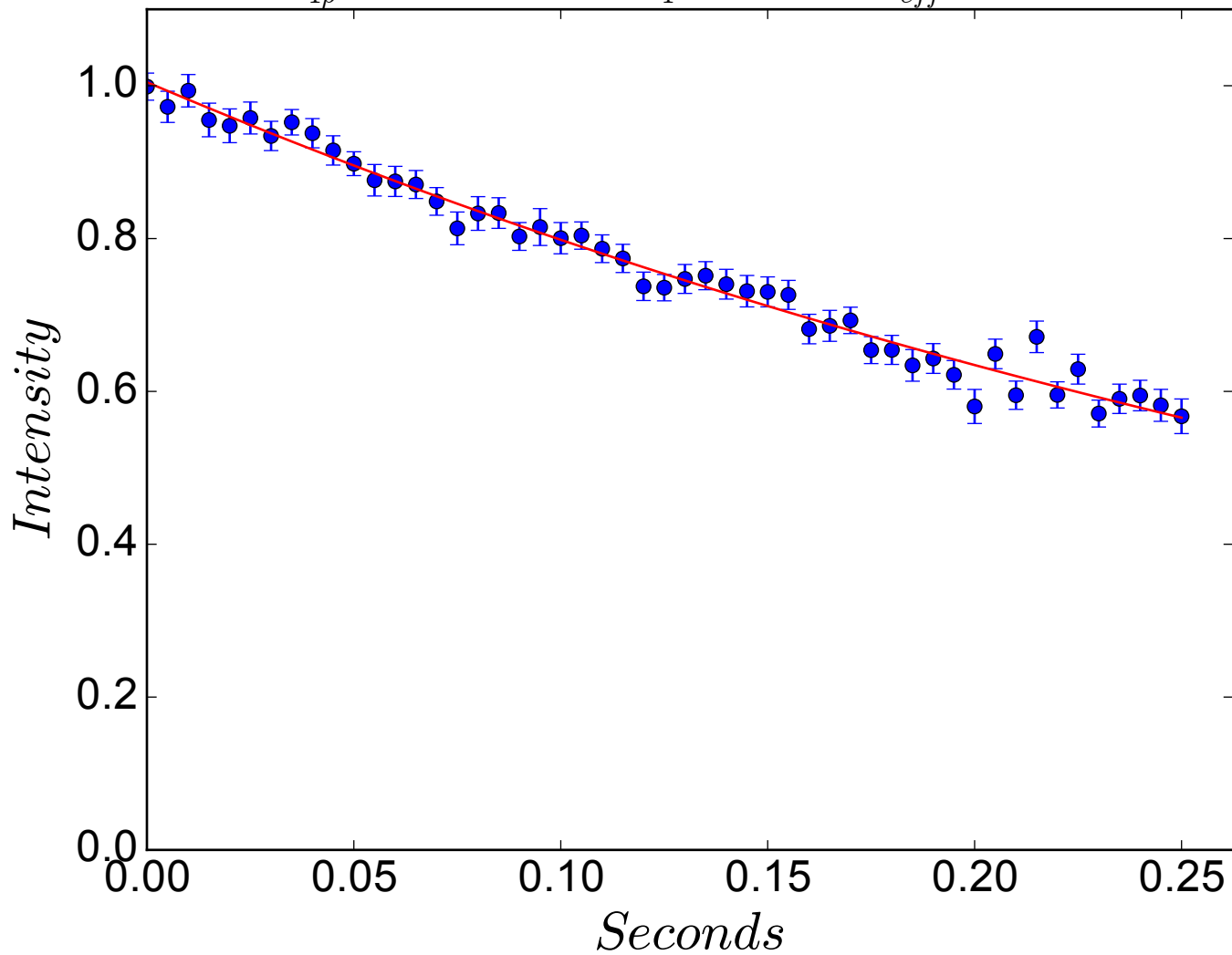
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 920 \text{ Hz}$$



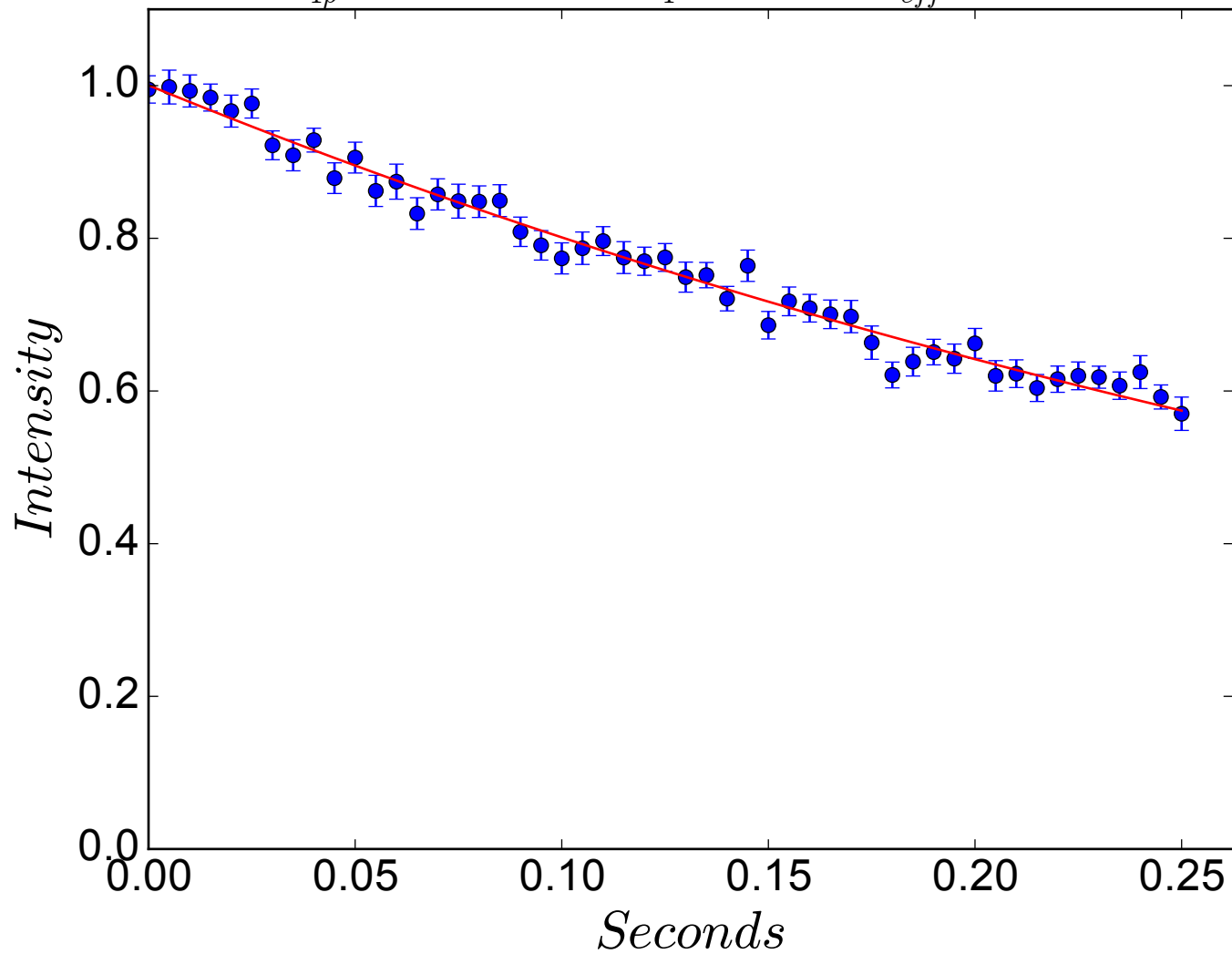
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 930 \text{ Hz}$$



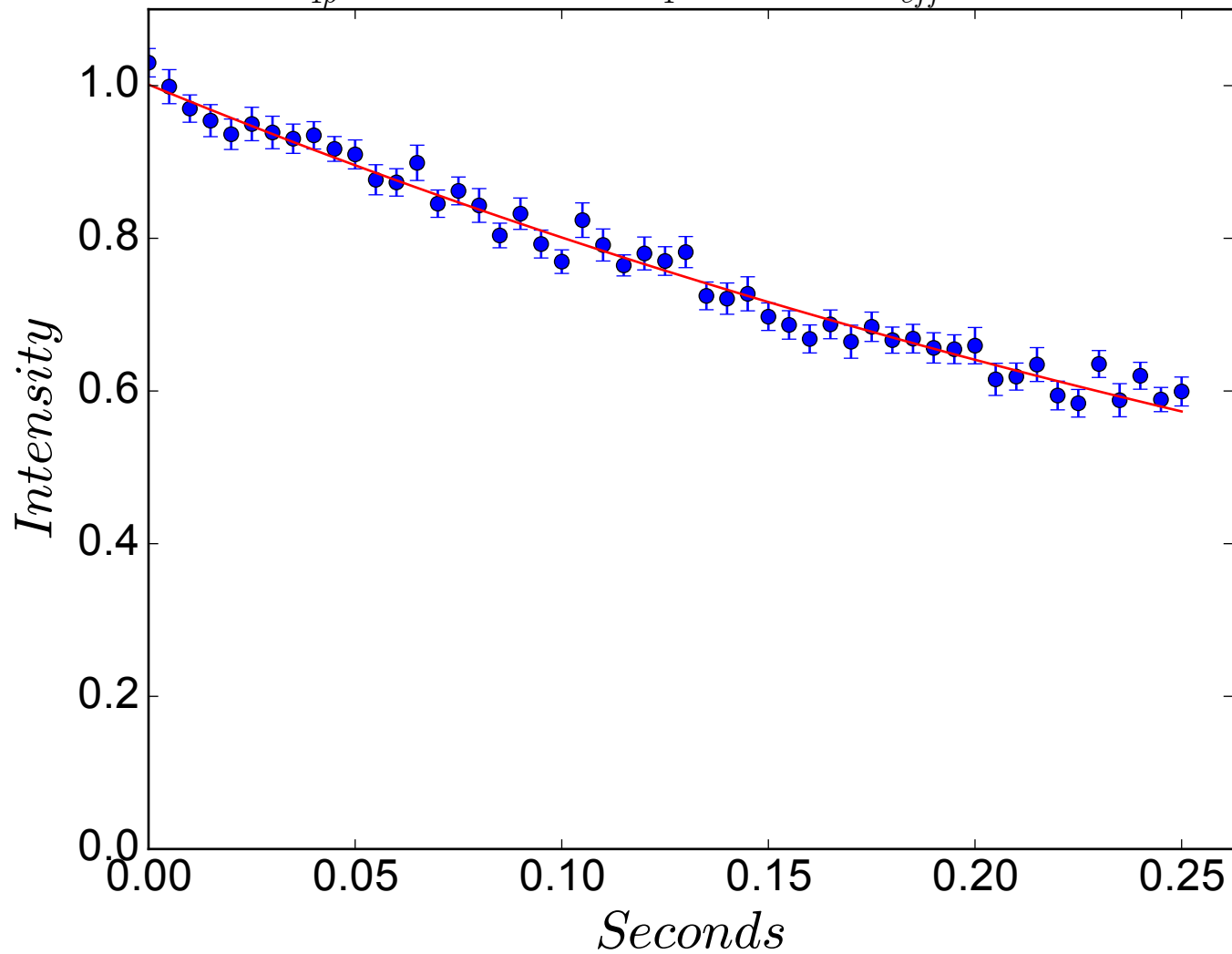
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 940 \text{ Hz}$$



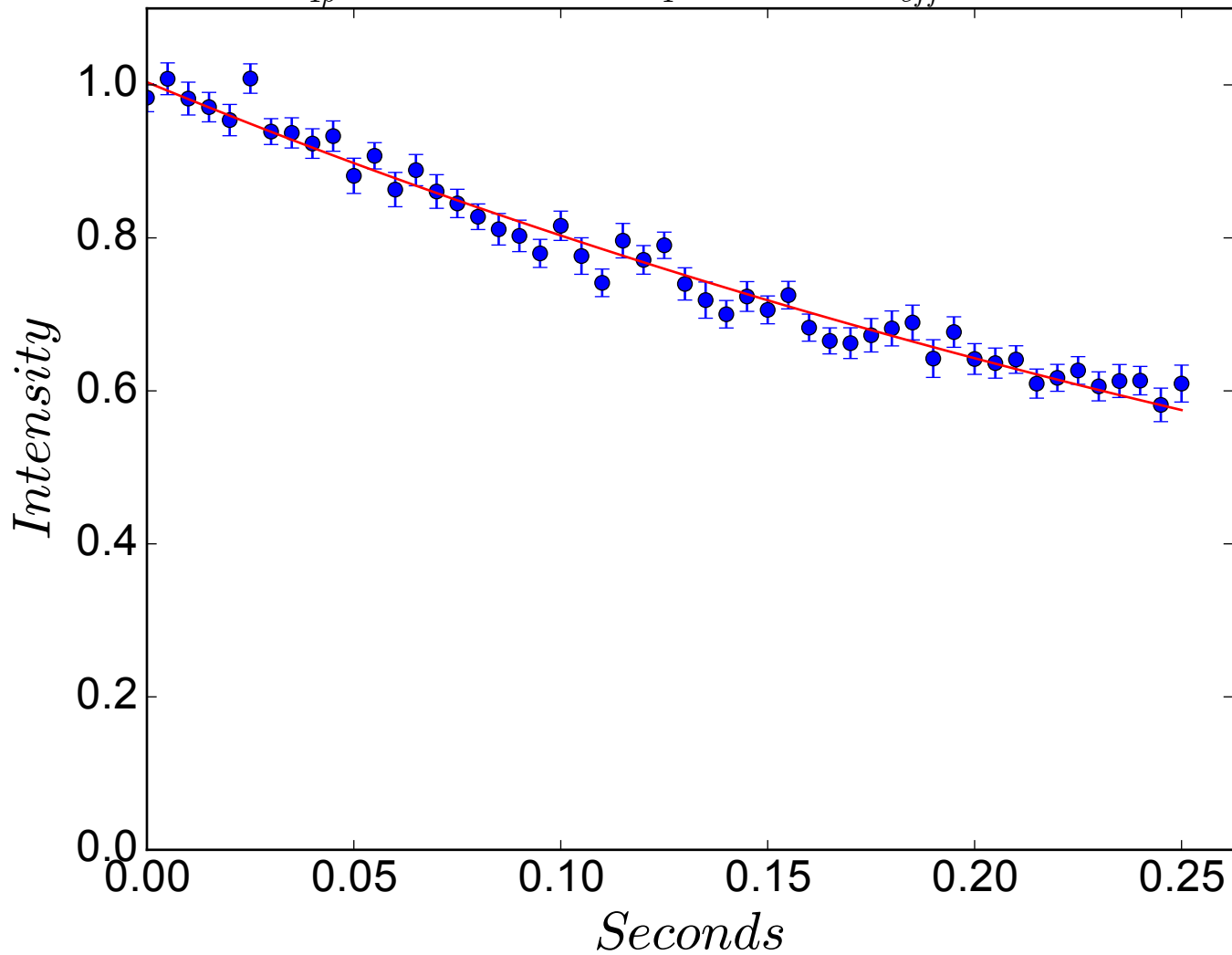
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 950 \text{ Hz}$$



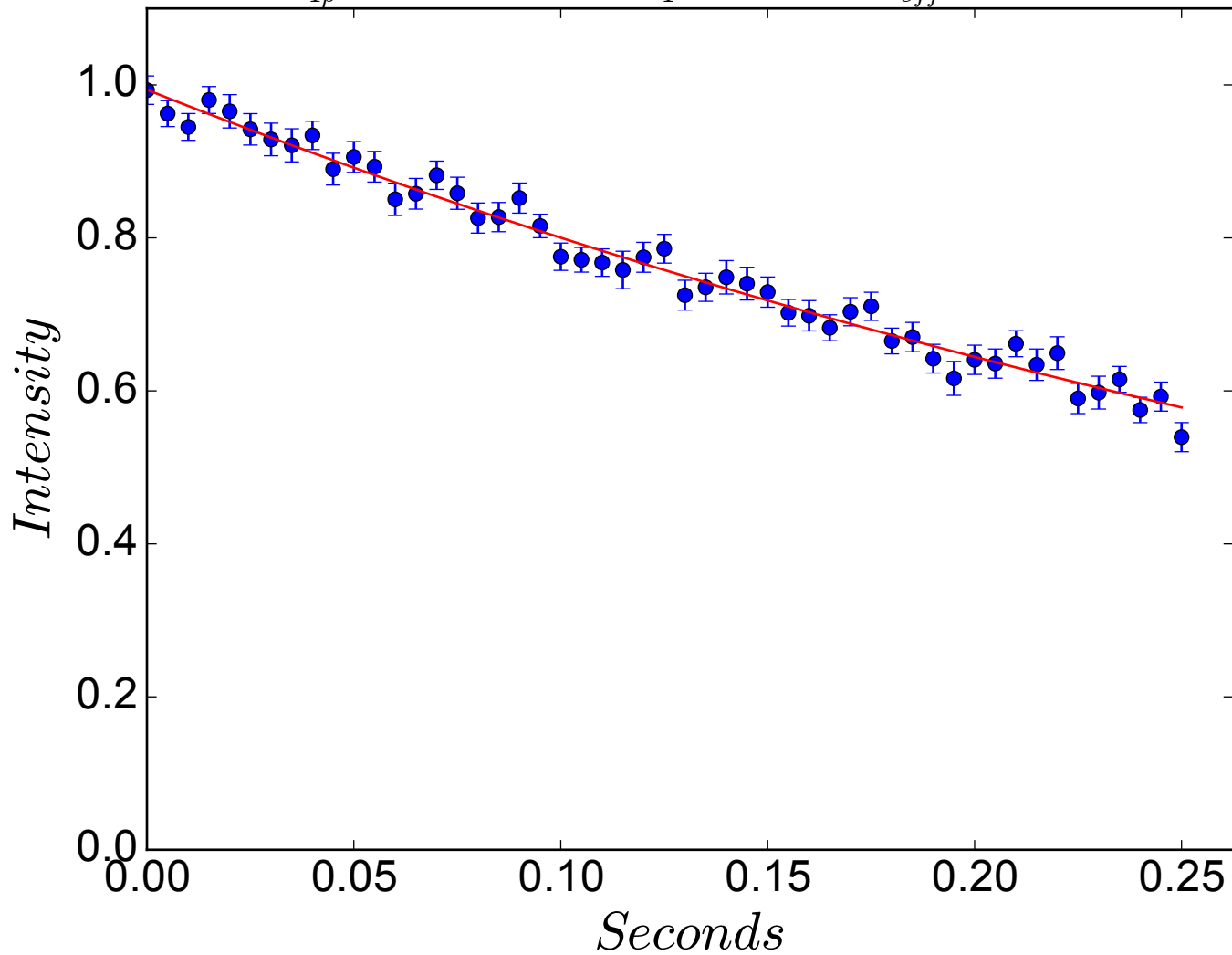
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 960 \text{ Hz}$$



$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 970 \text{ Hz}$$

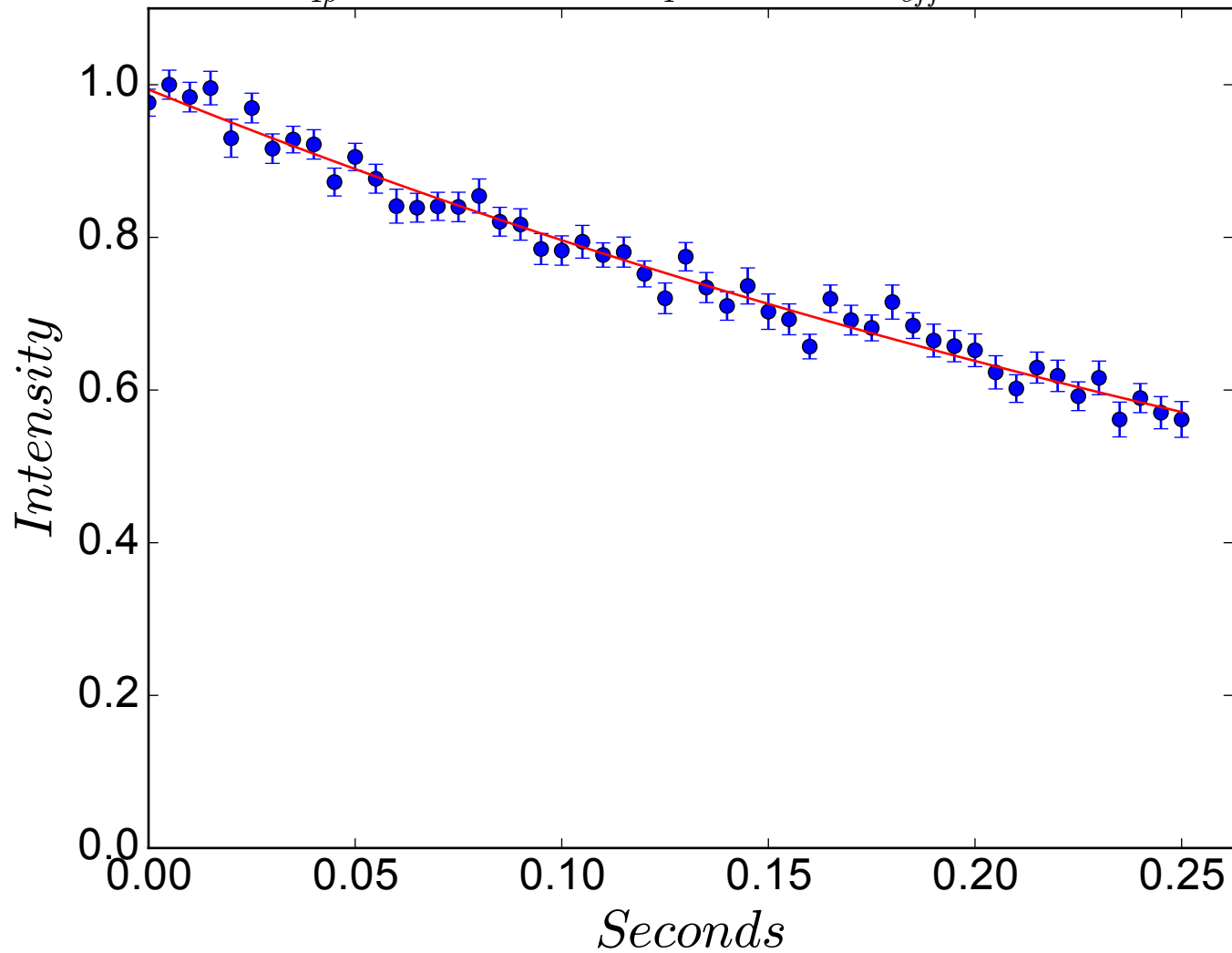


$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 980 \text{ Hz}$$

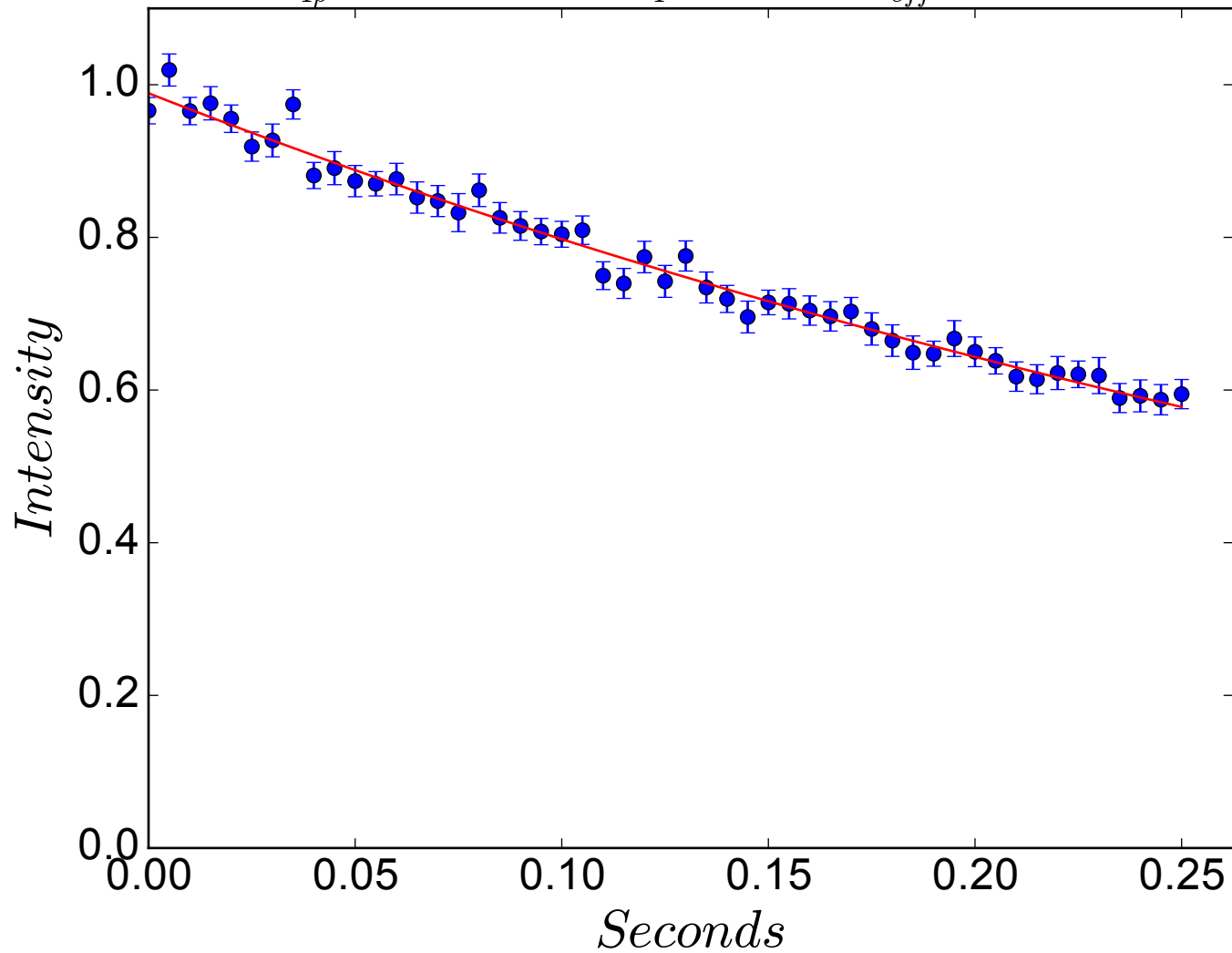




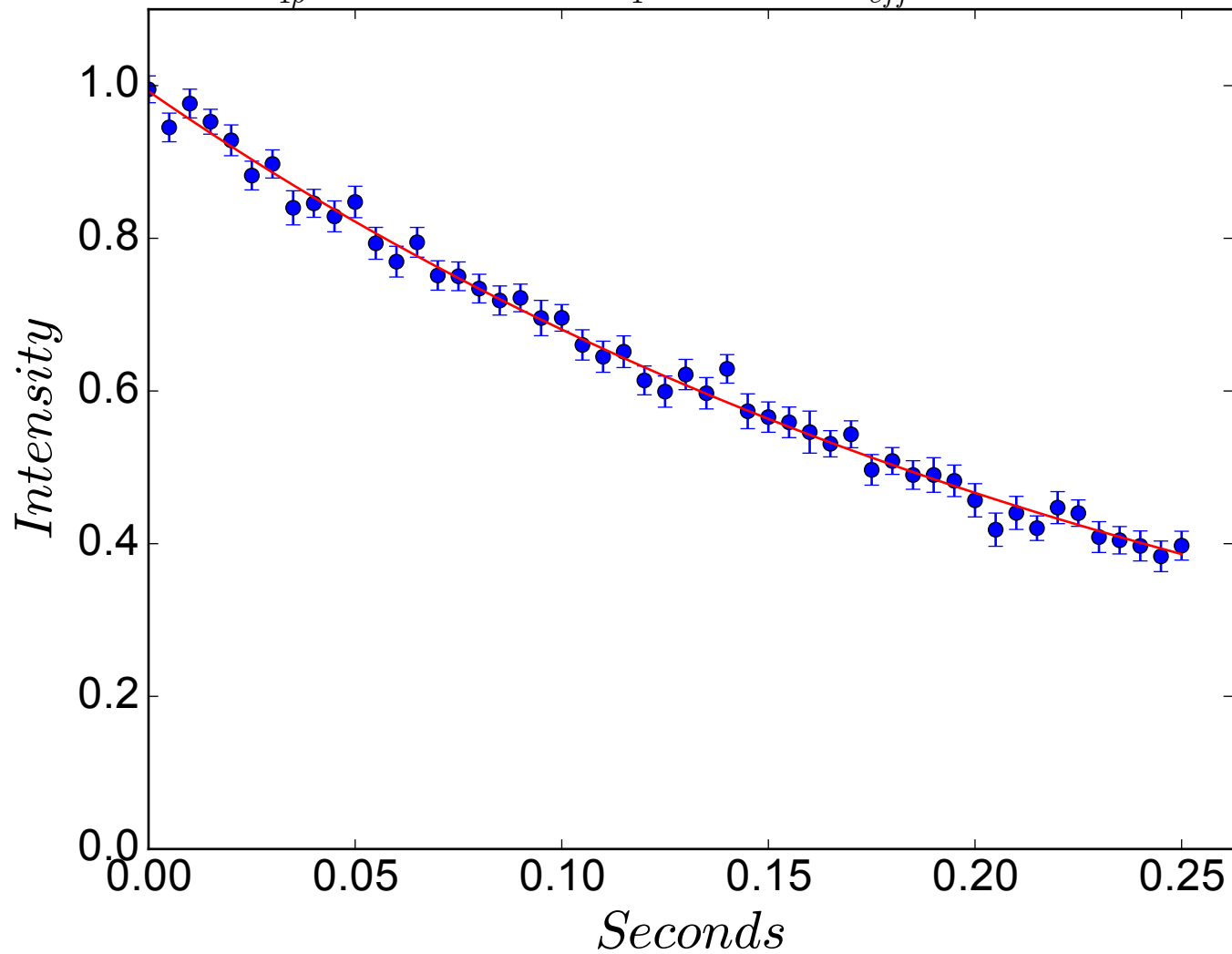
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 990 \text{ Hz}$$



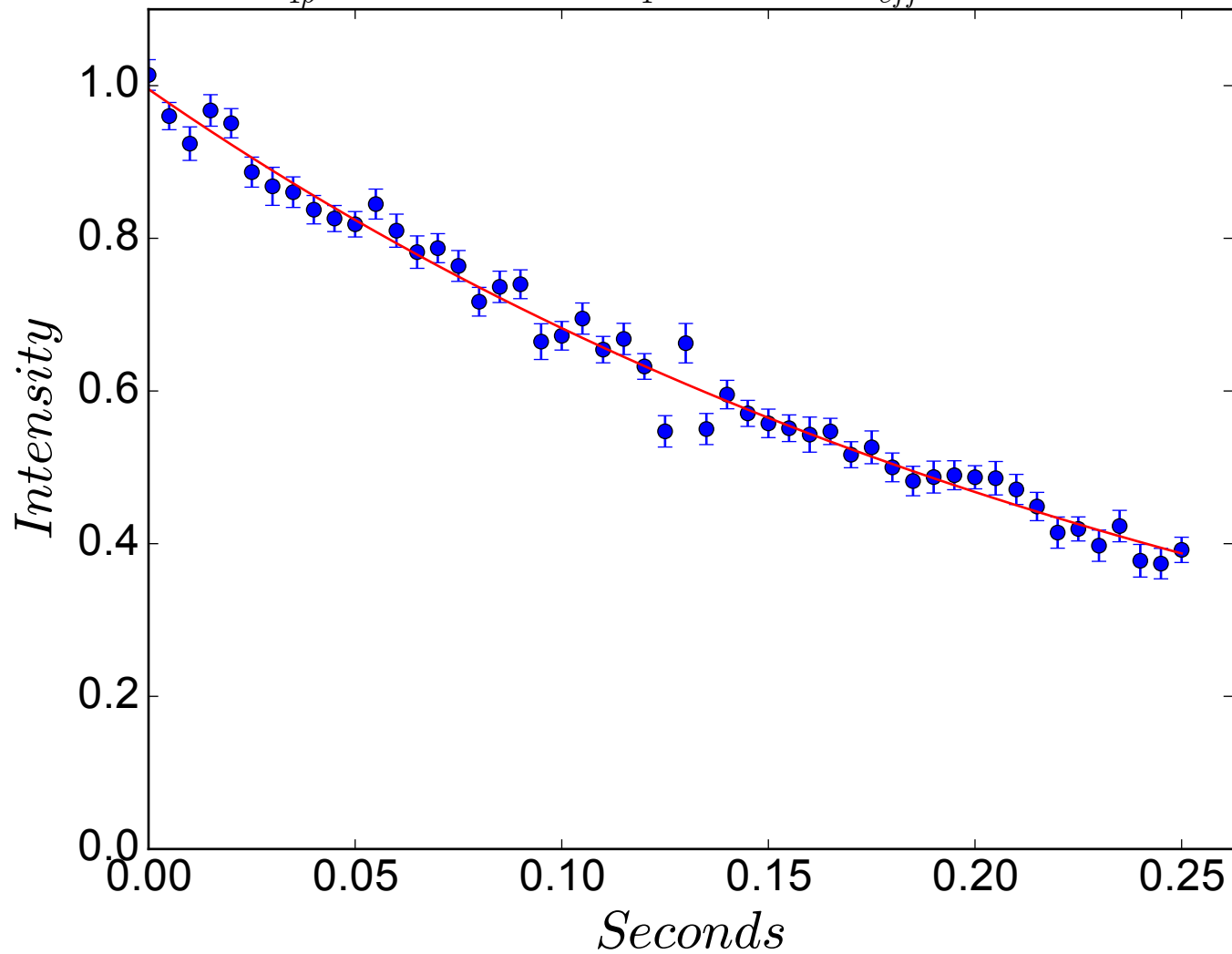
$$R_{1\rho} = 2.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{eff} = 1000 \text{ Hz}$$



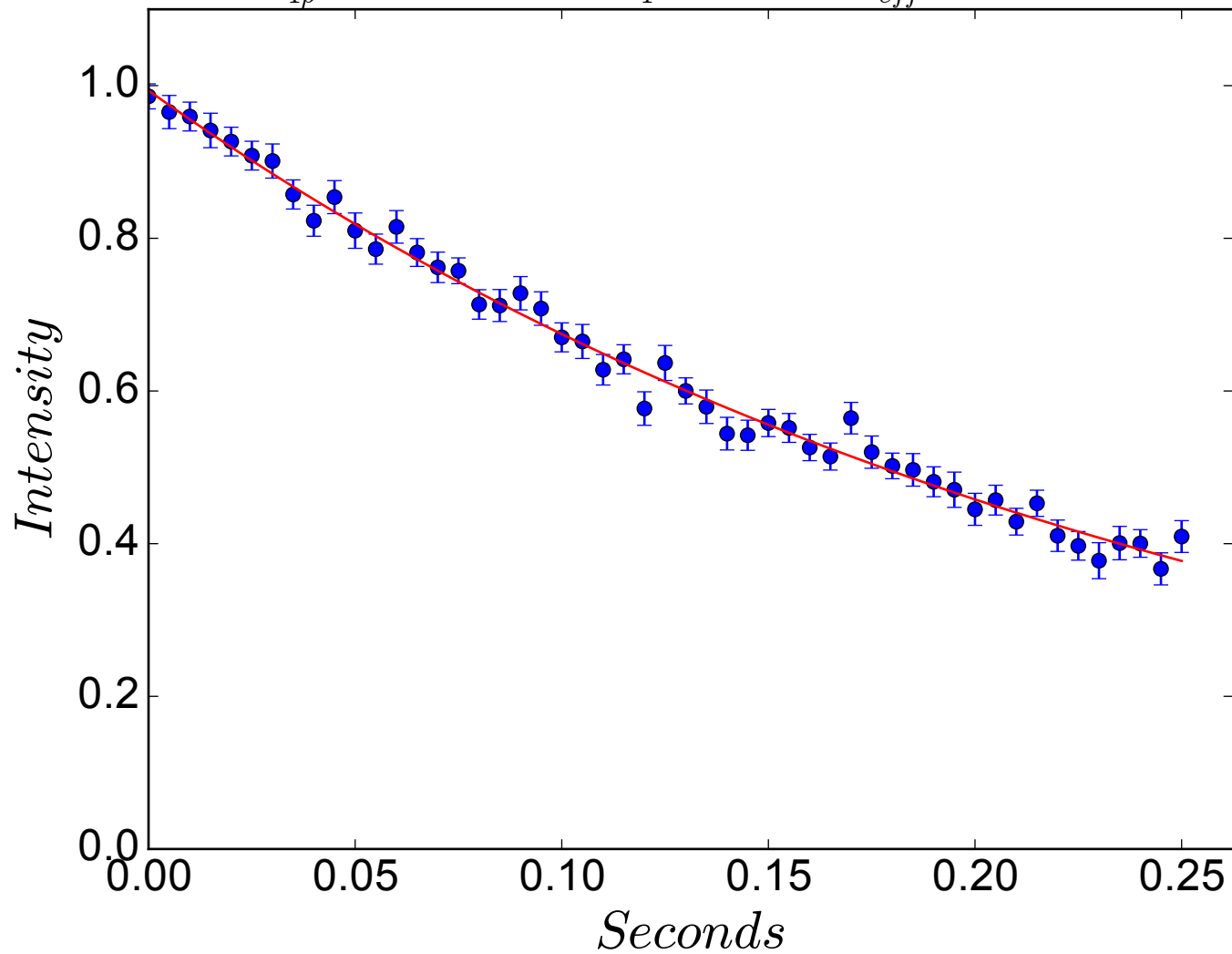
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -1000 \text{ Hz}$$



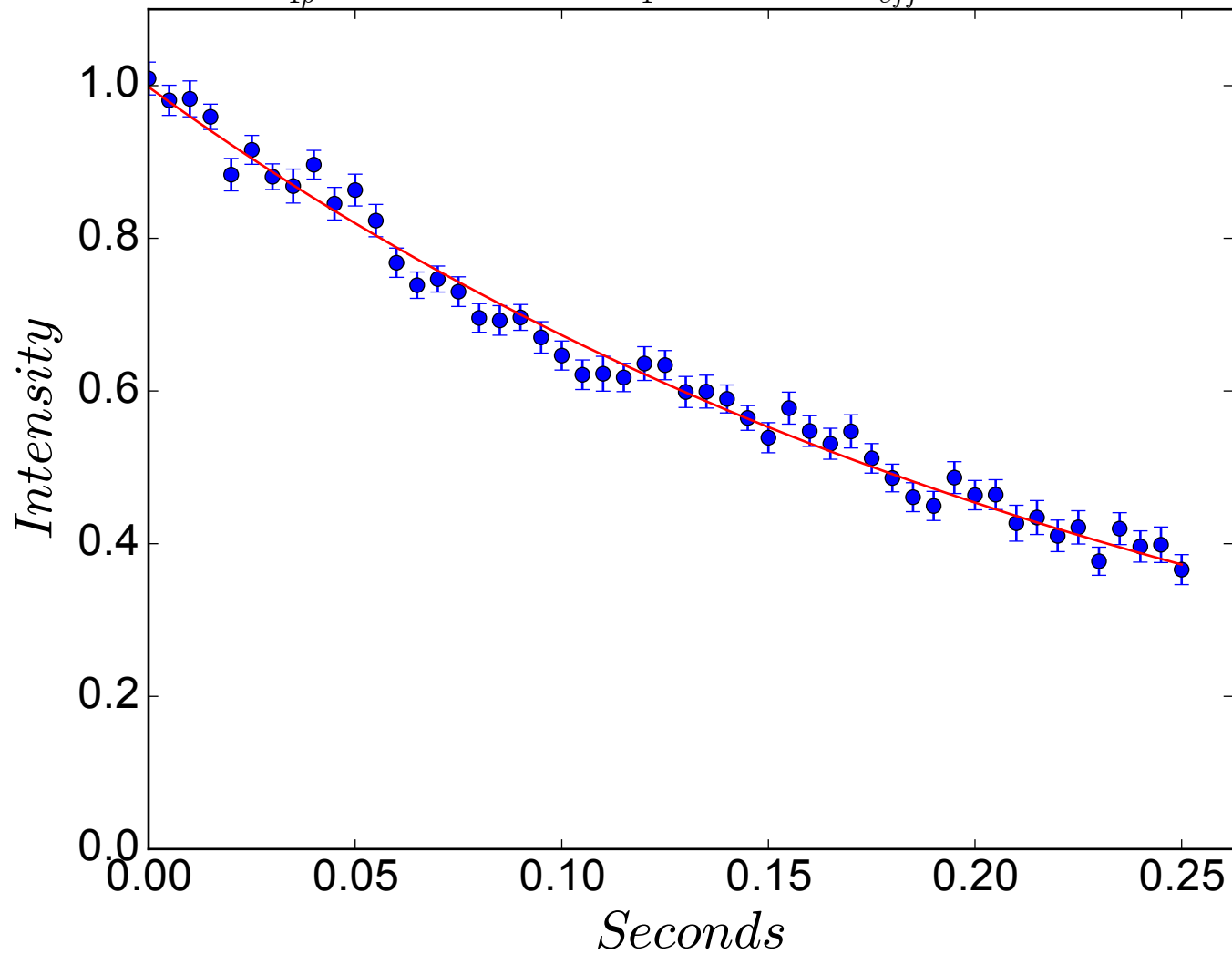
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -990 \text{ Hz}$$



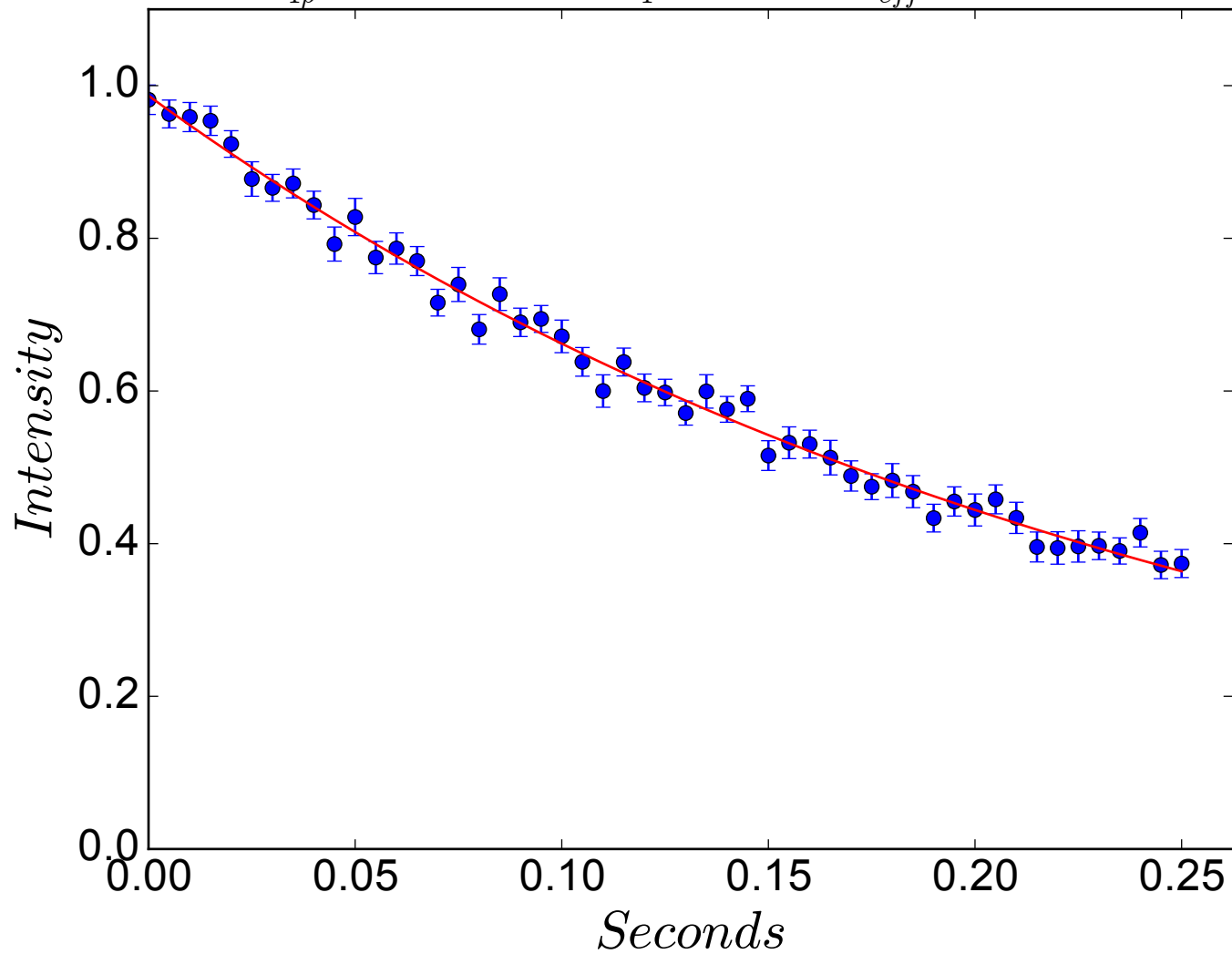
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -980 \text{ Hz}$$



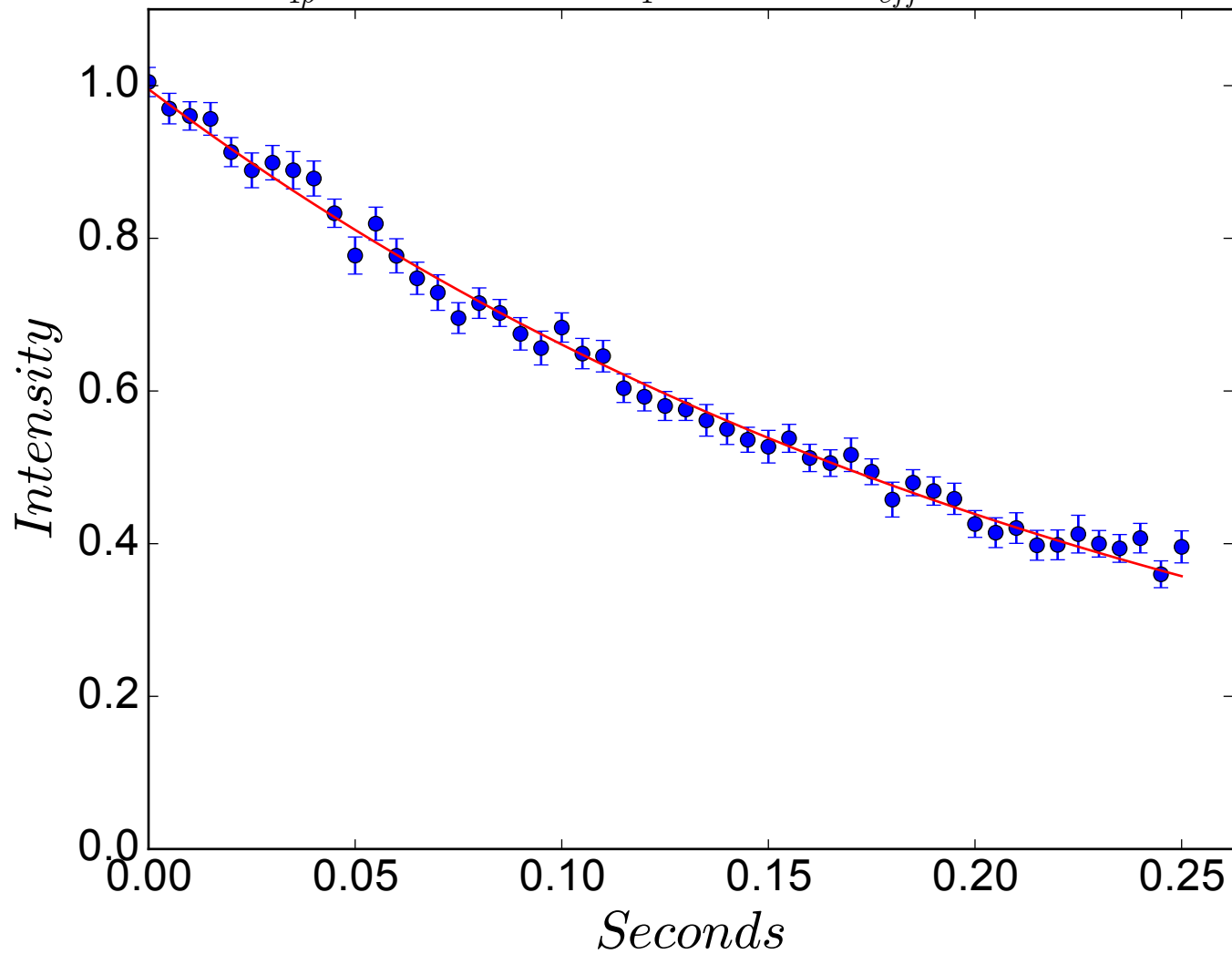
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -970 \text{ Hz}$$



$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -960 \text{ Hz}$$

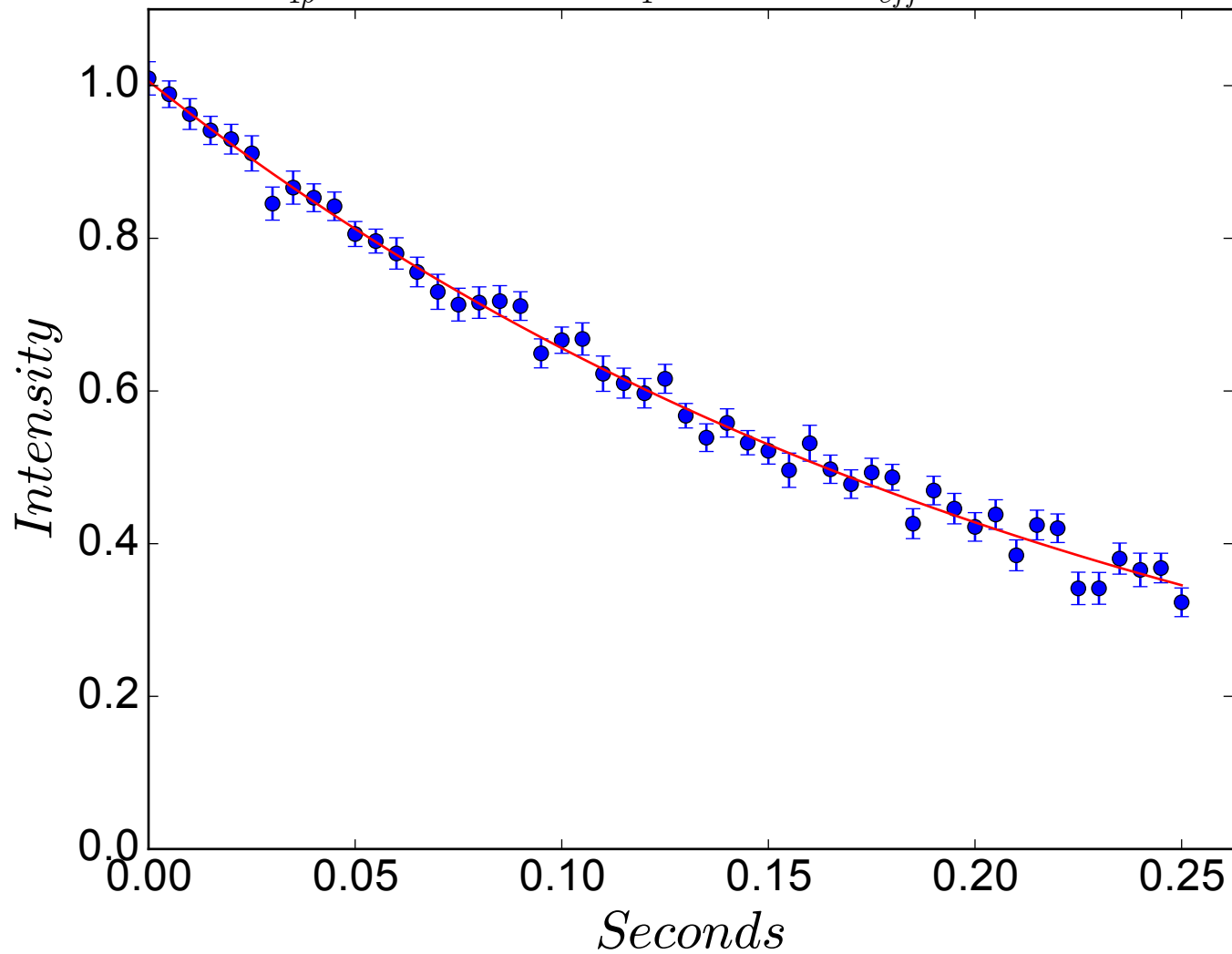


$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -950 \text{ Hz}$$

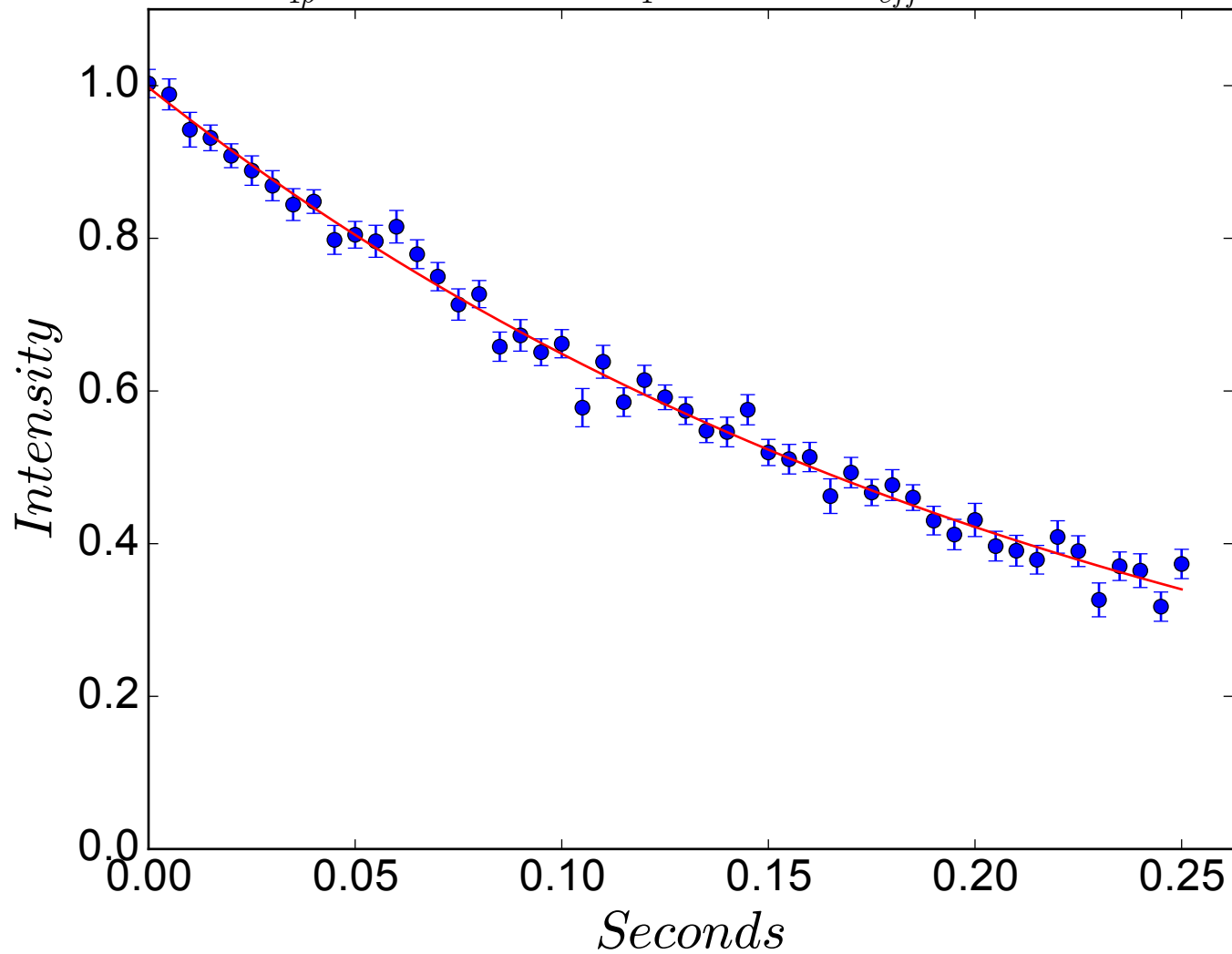




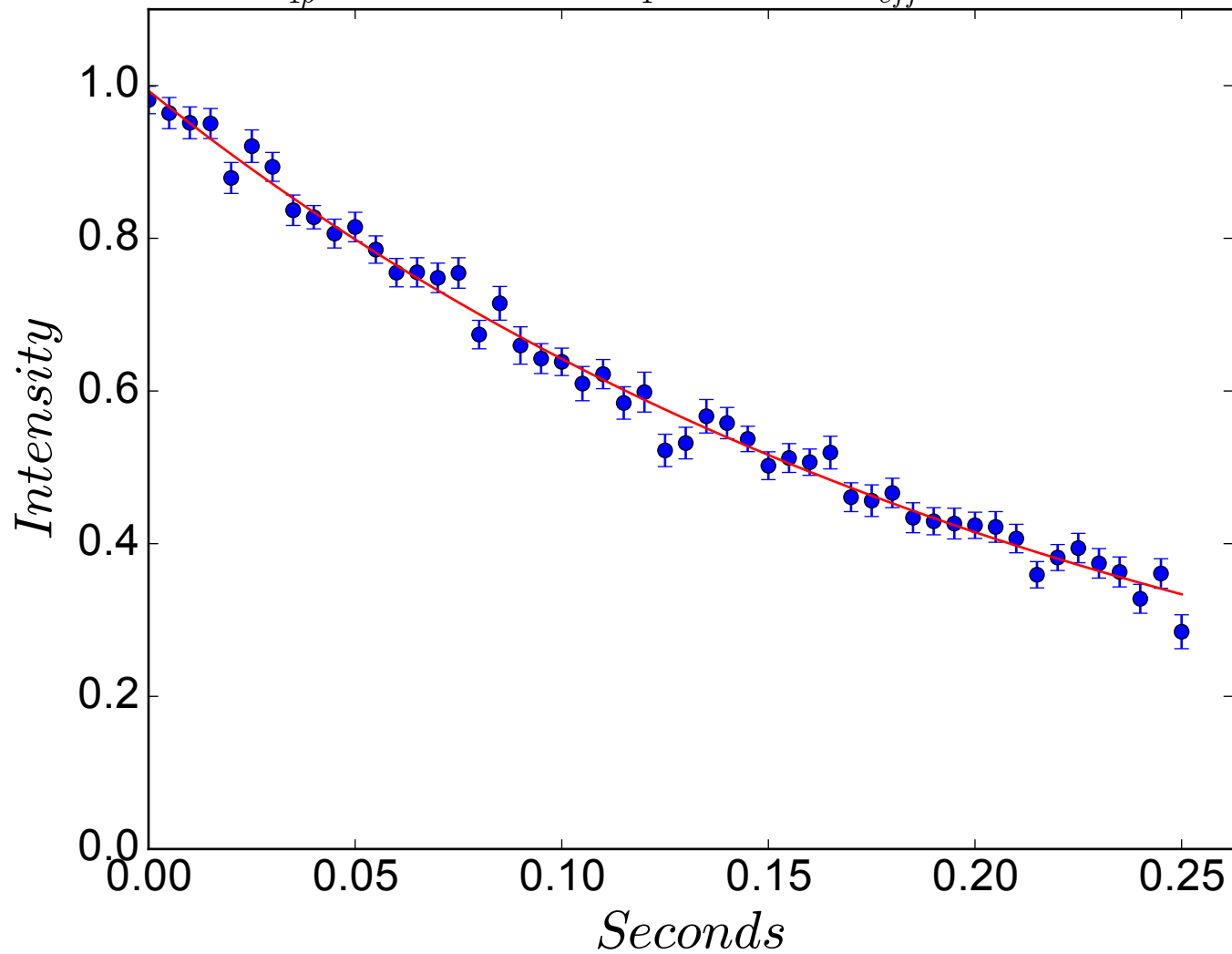
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -940 \text{ Hz}$$



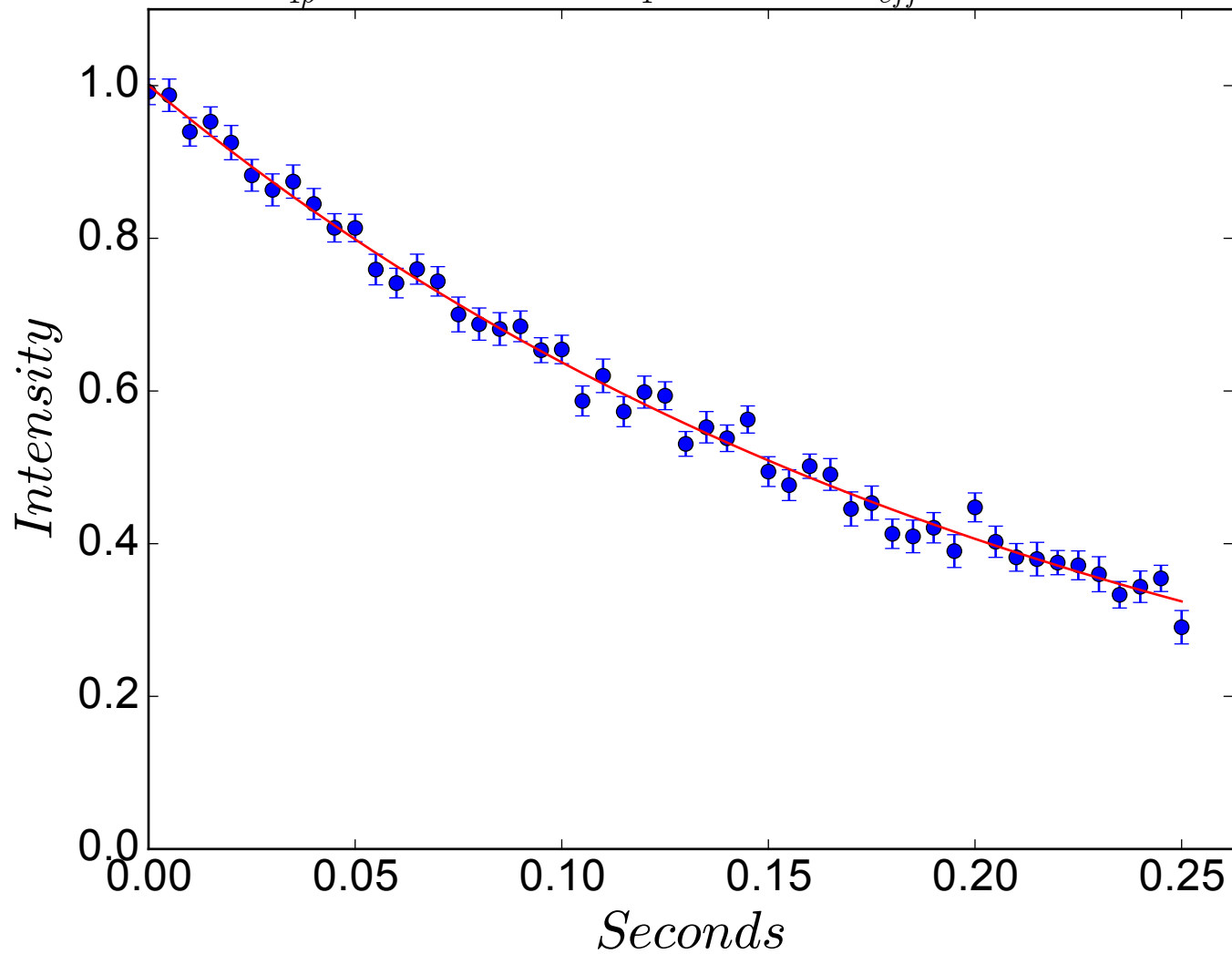
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -930 \text{ Hz}$$



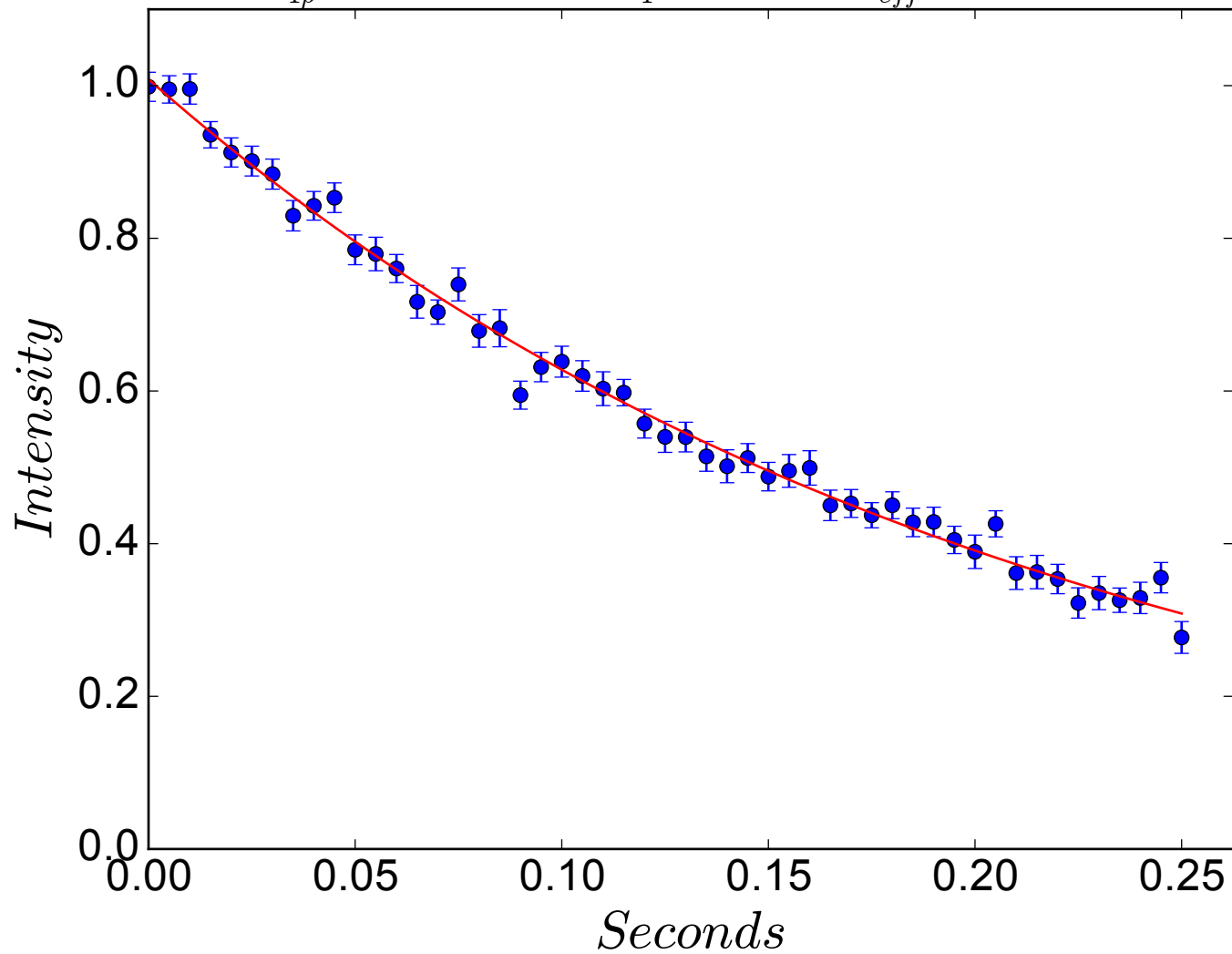
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -920 \text{ Hz}$$



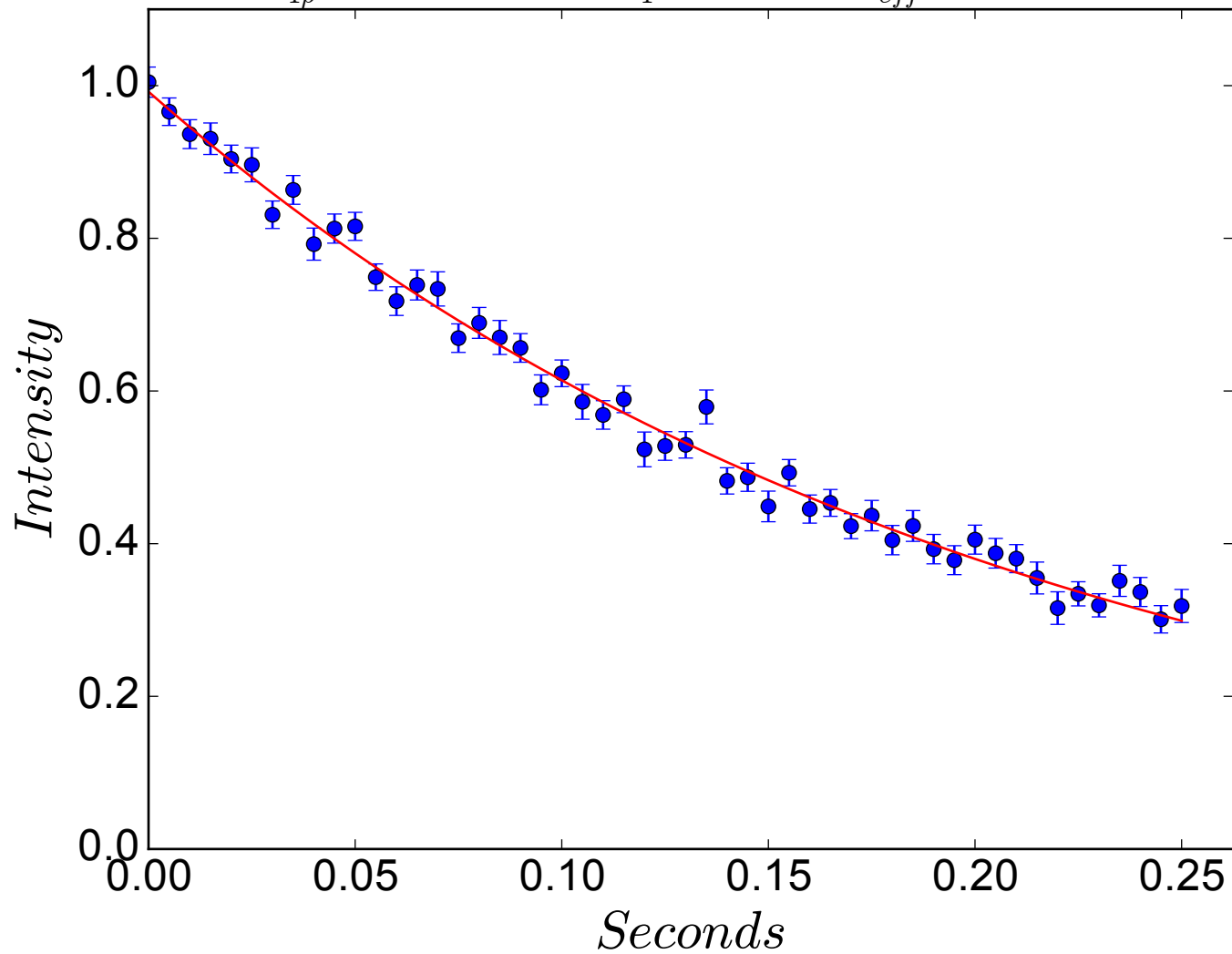
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -910 \text{ Hz}$$



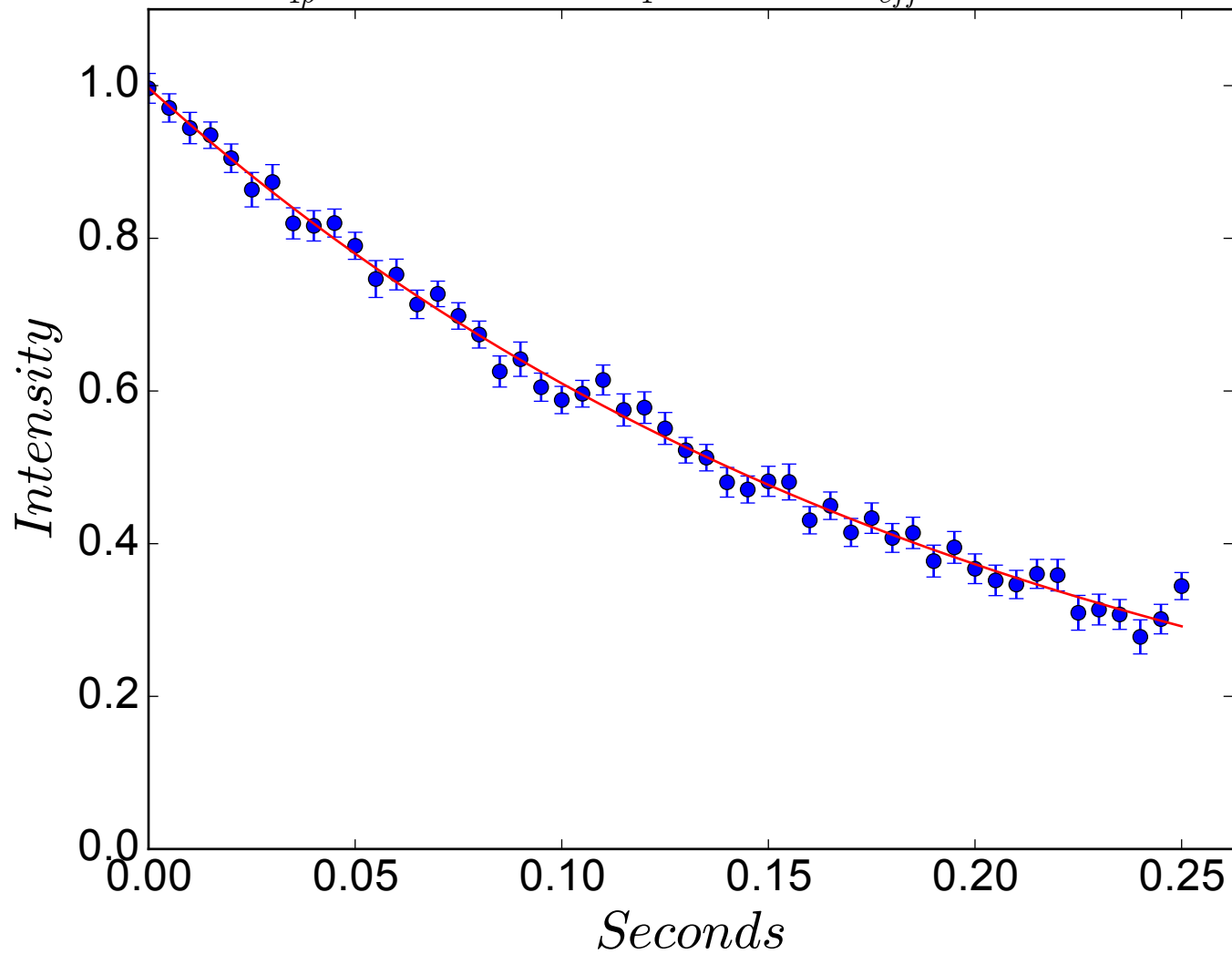
$$R_{1\rho} = 4.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -899 \text{ Hz}$$



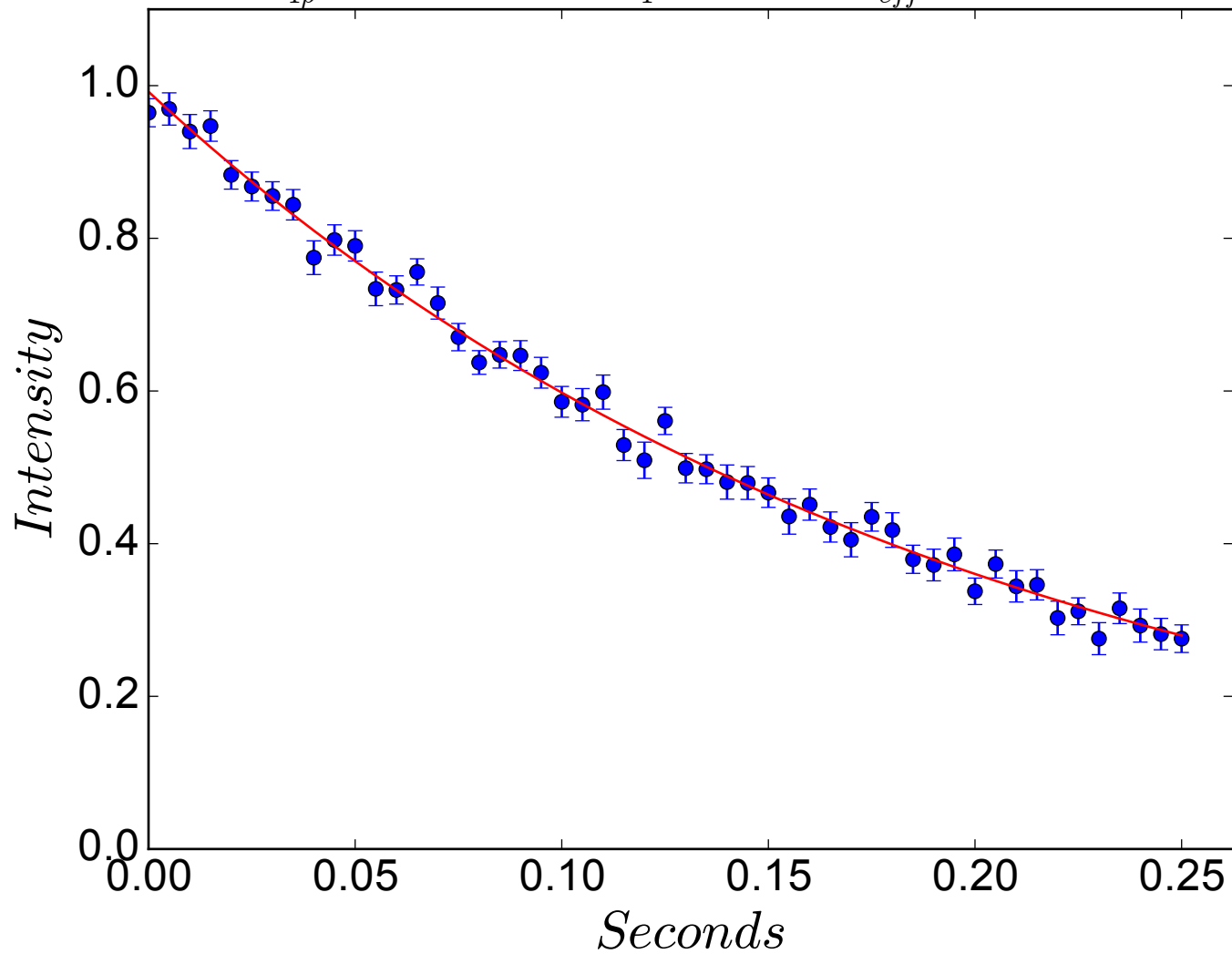
$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -889 \text{ Hz}$$



$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -879 \text{ Hz}$$

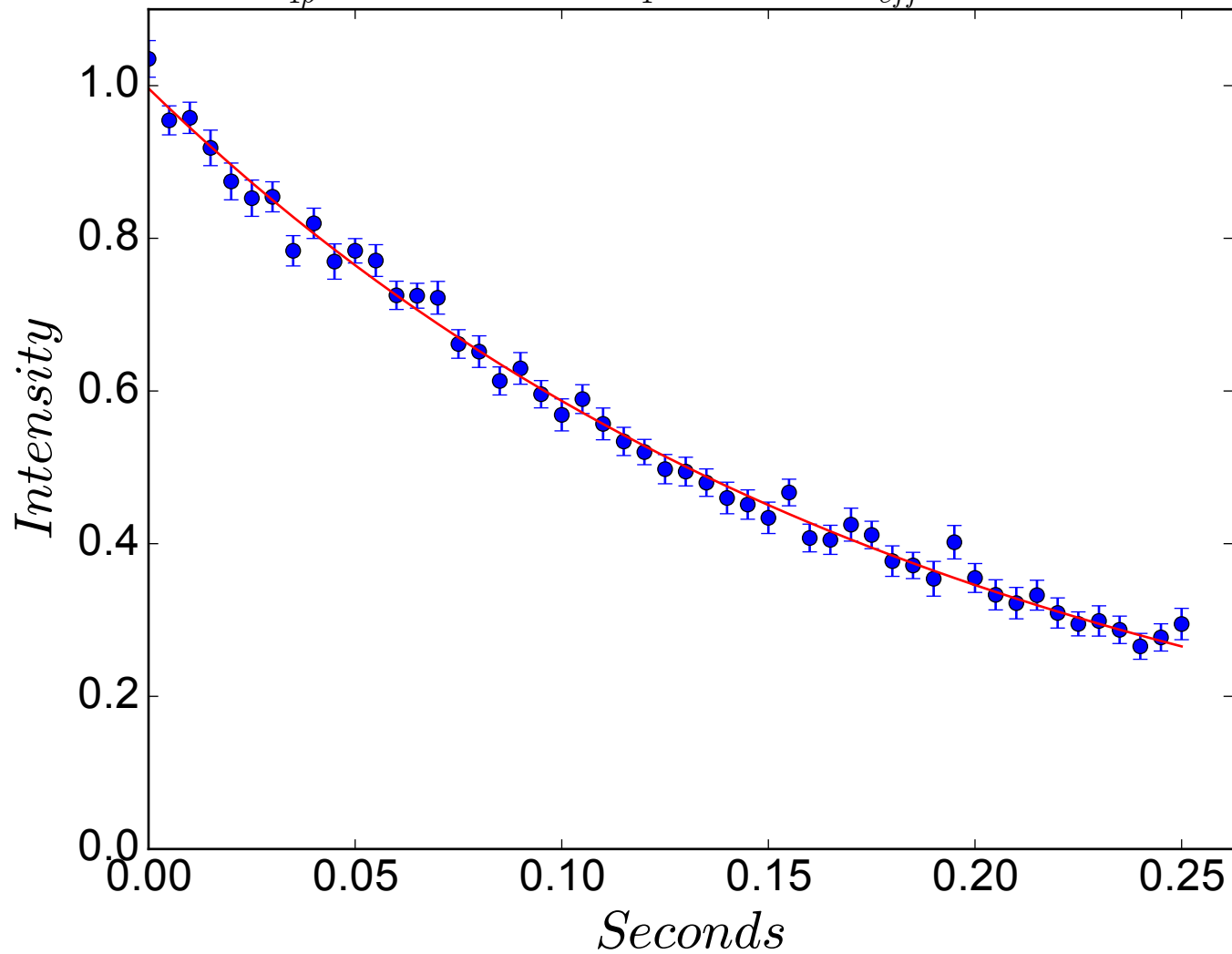


$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -869 \text{ Hz}$$

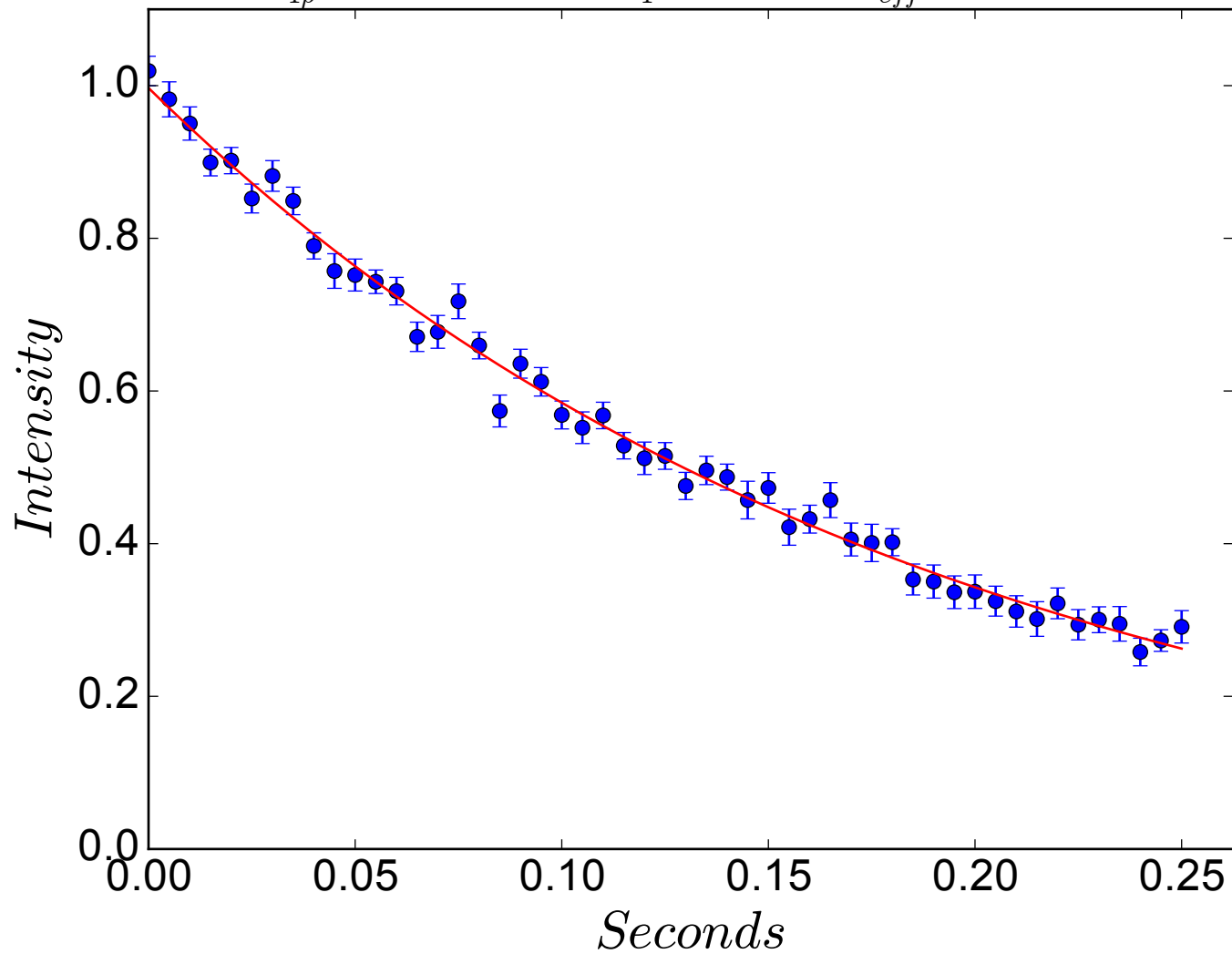




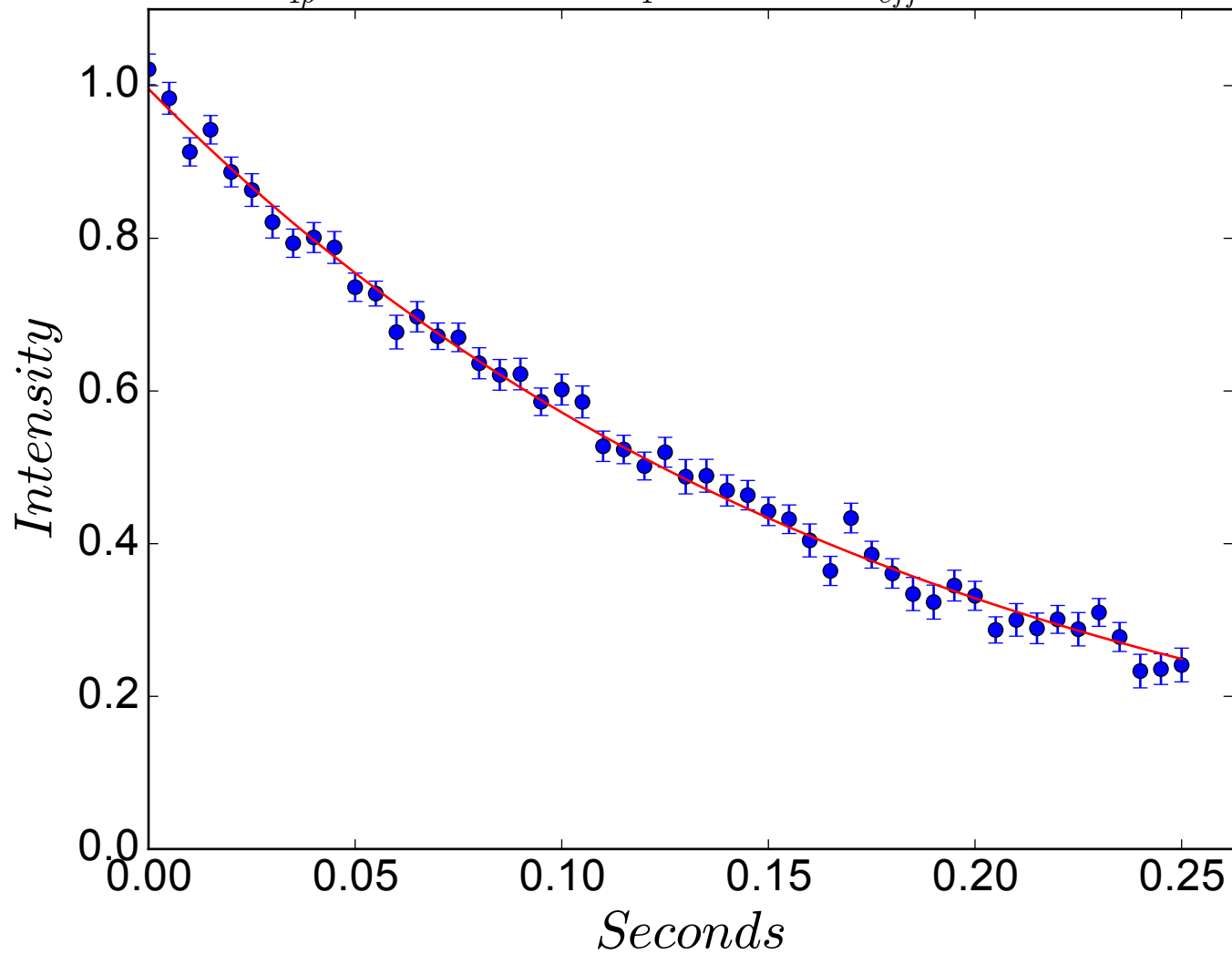
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -859 \text{ Hz}$$



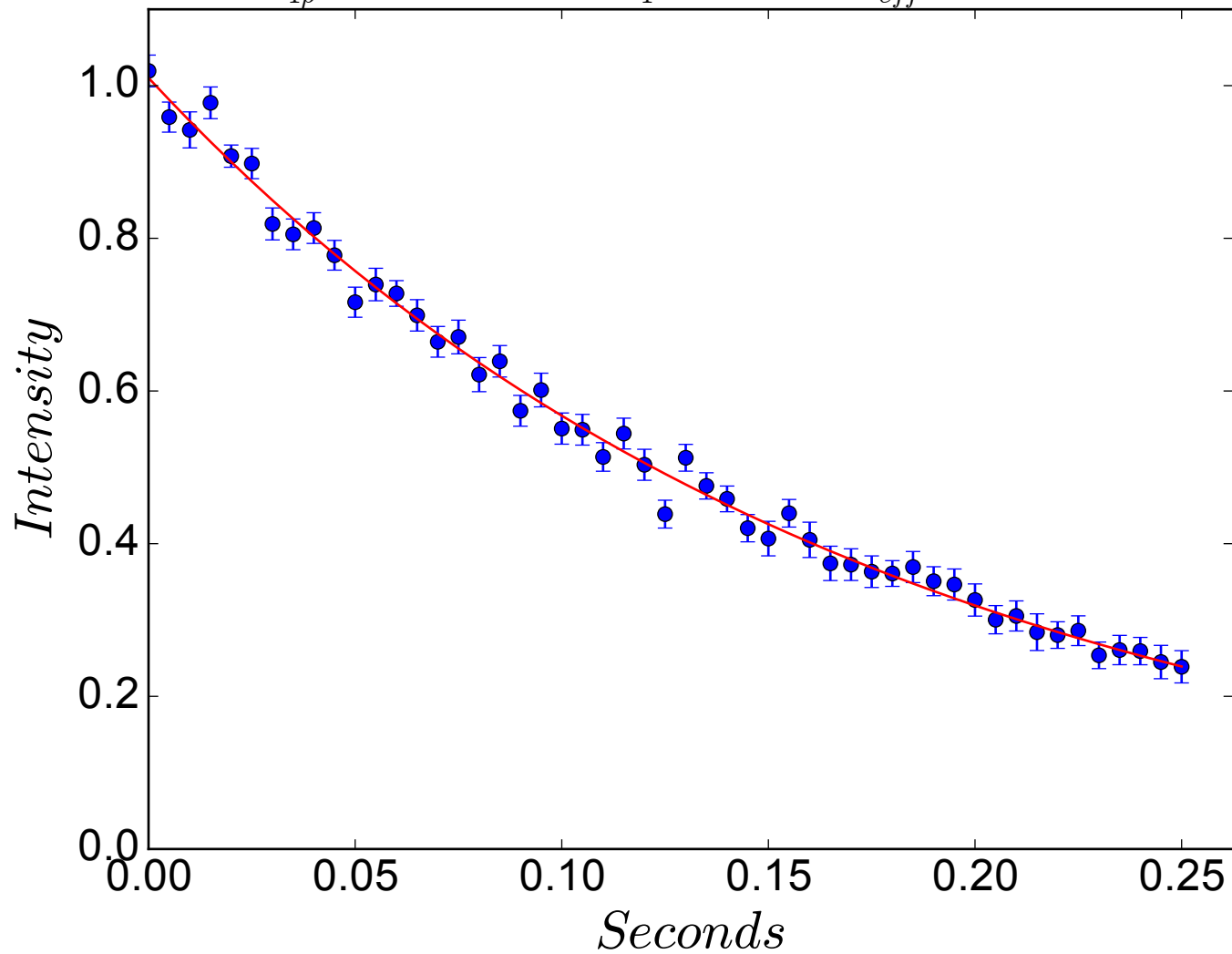
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -849 \text{ Hz}$$



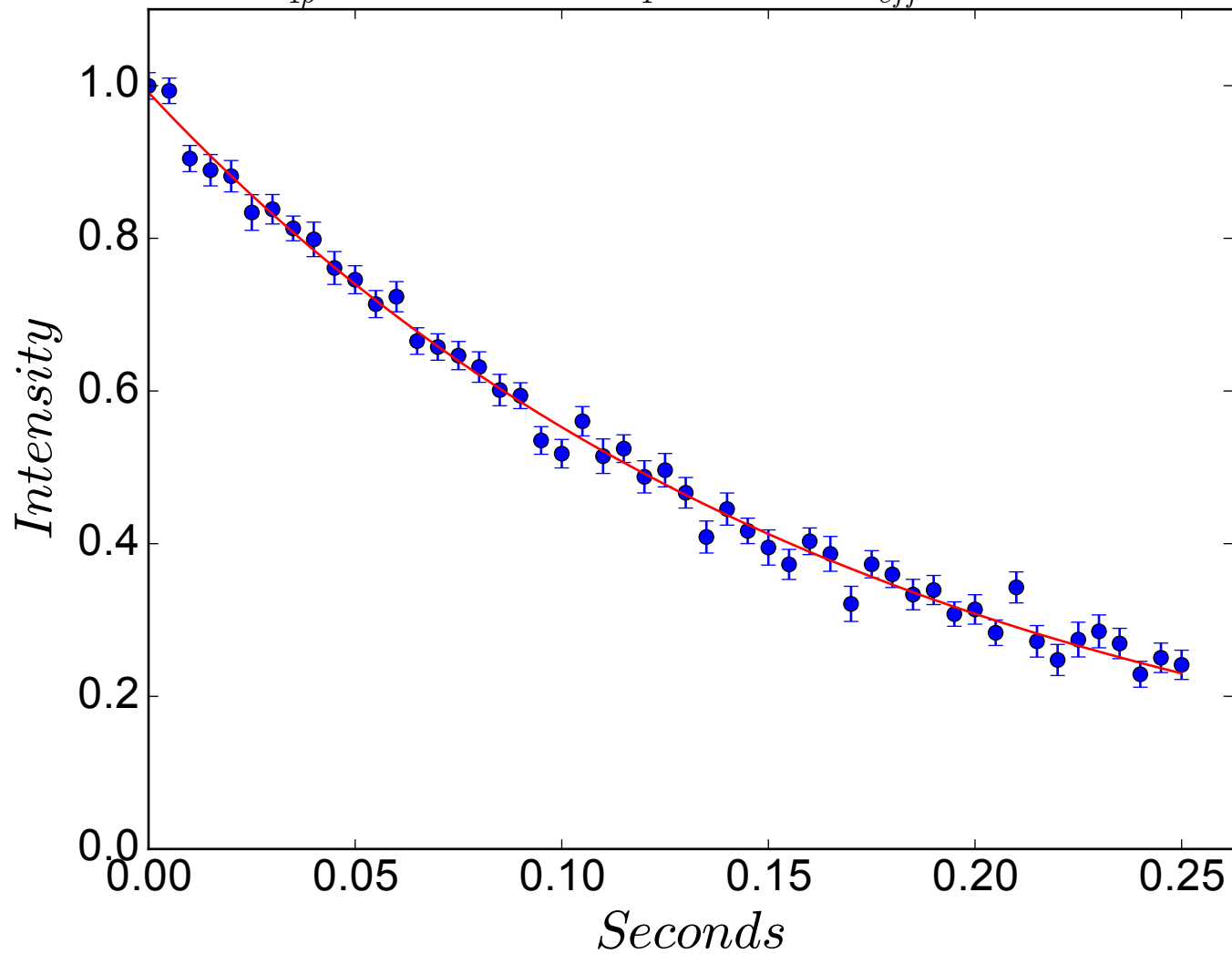
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -839 \text{ Hz}$$



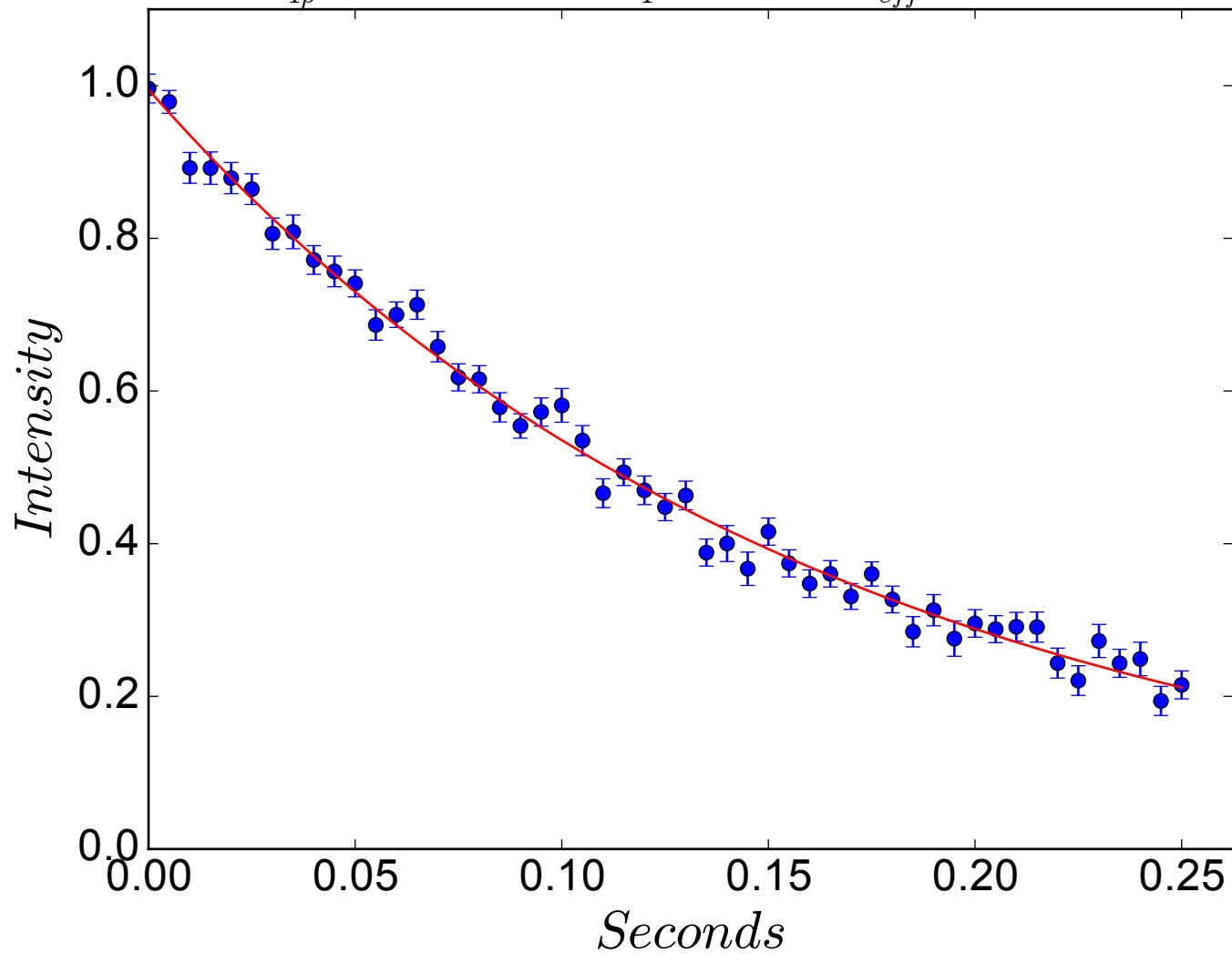
$$R_{1\rho} = 5.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -829 \text{ Hz}$$



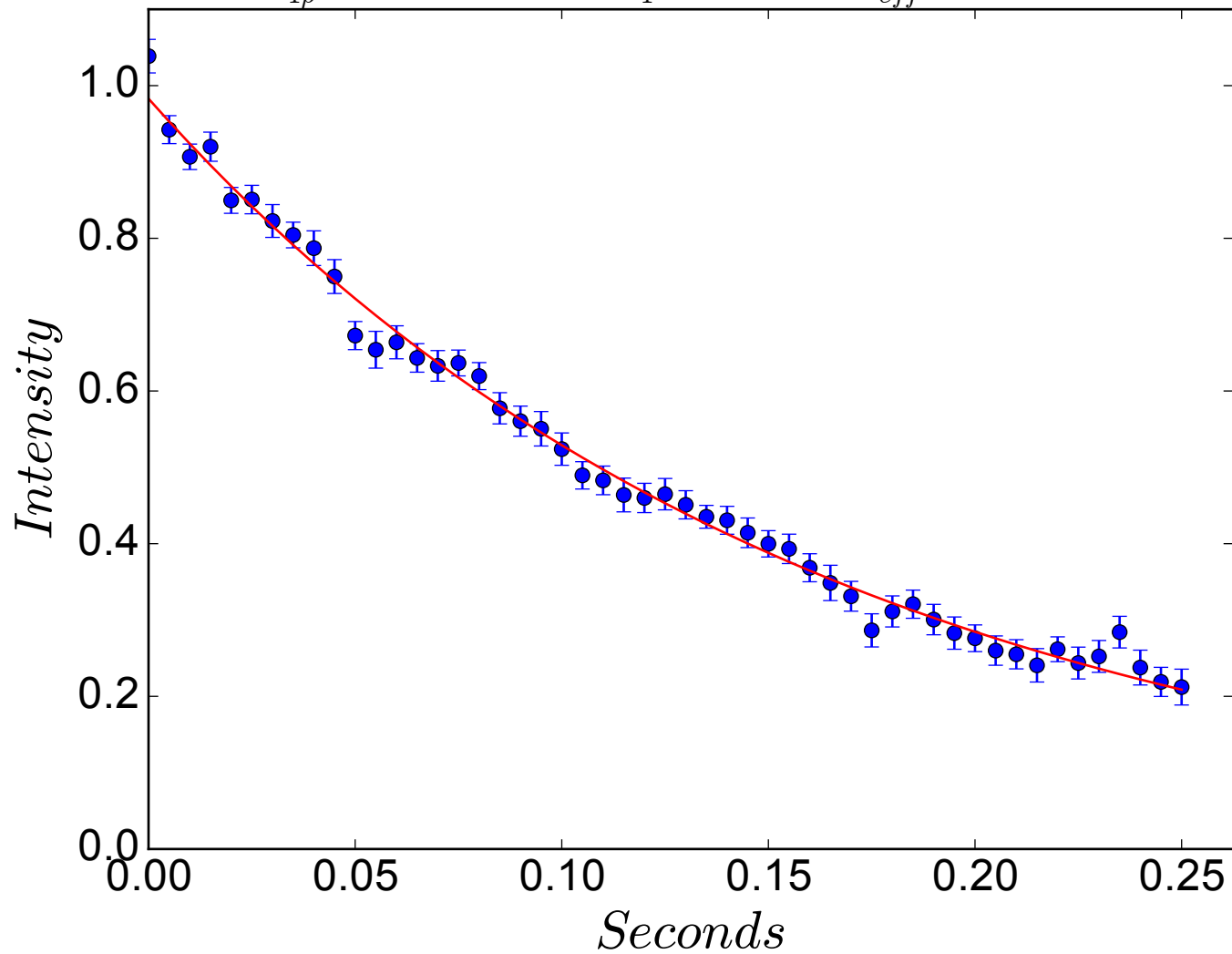
$$R_{1\rho} = 5.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -819 \text{ Hz}$$



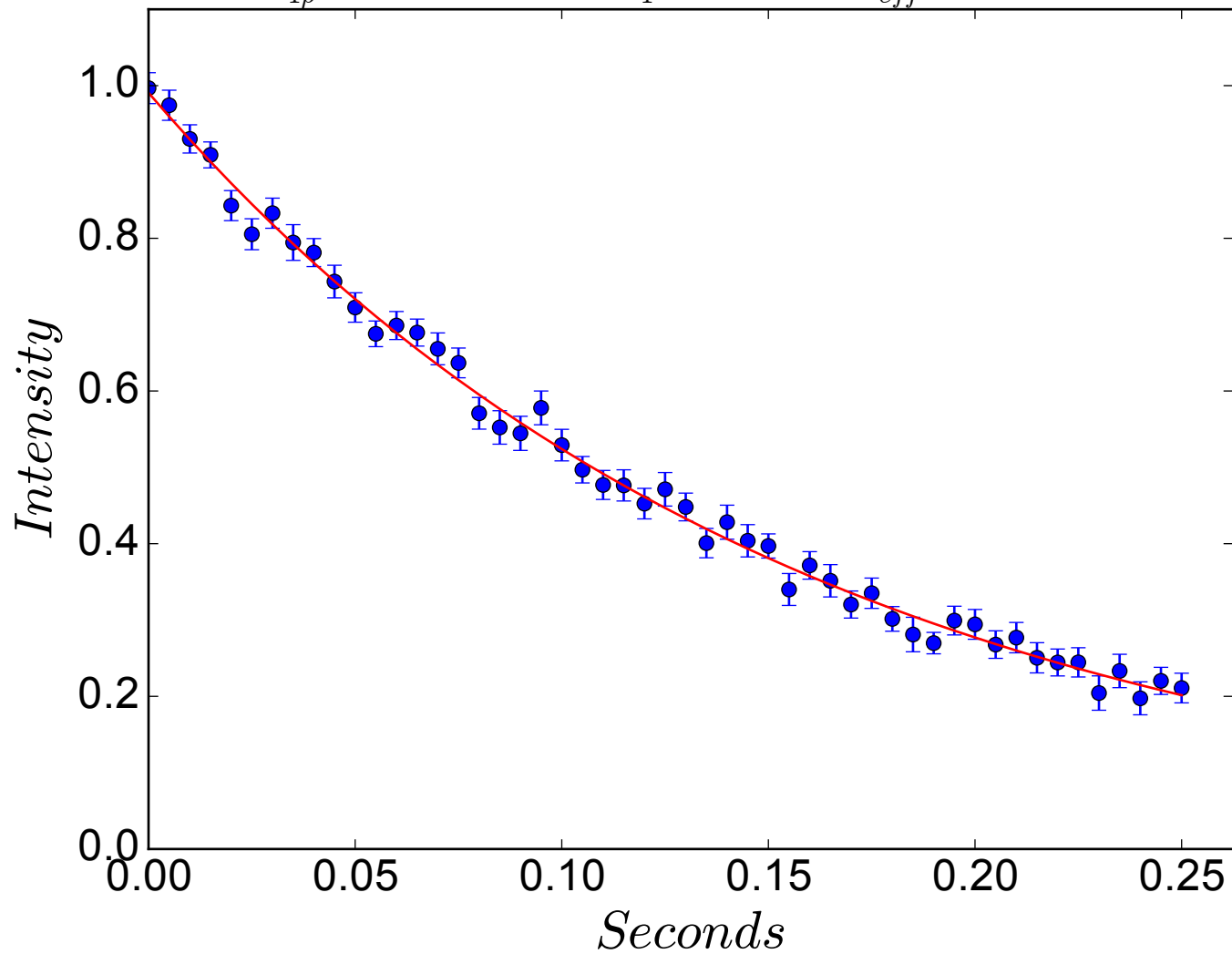
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -809 \text{ Hz}$$



$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -799 \text{ Hz}$$

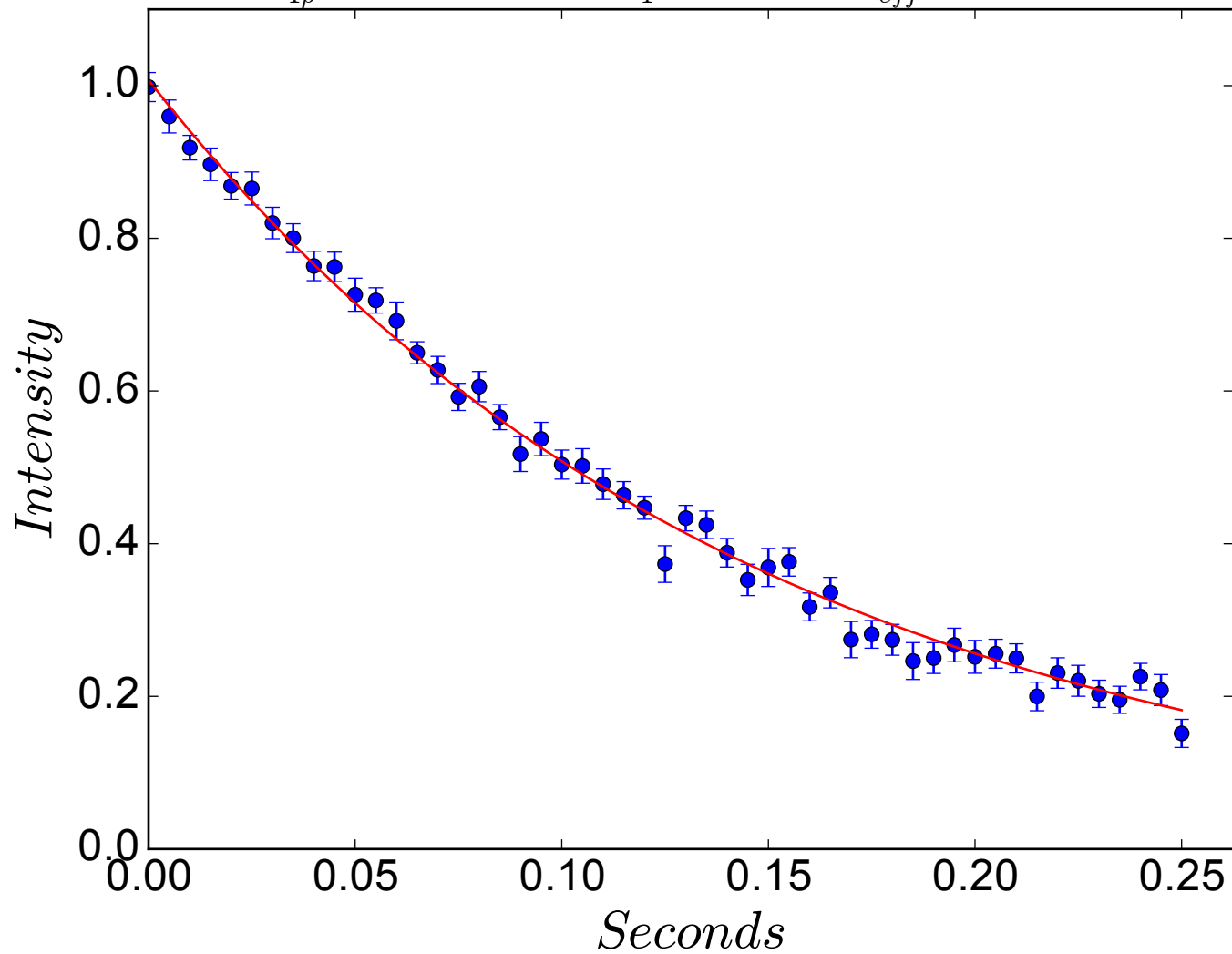


$$R_{1\rho} = 6.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -789 \text{ Hz}$$

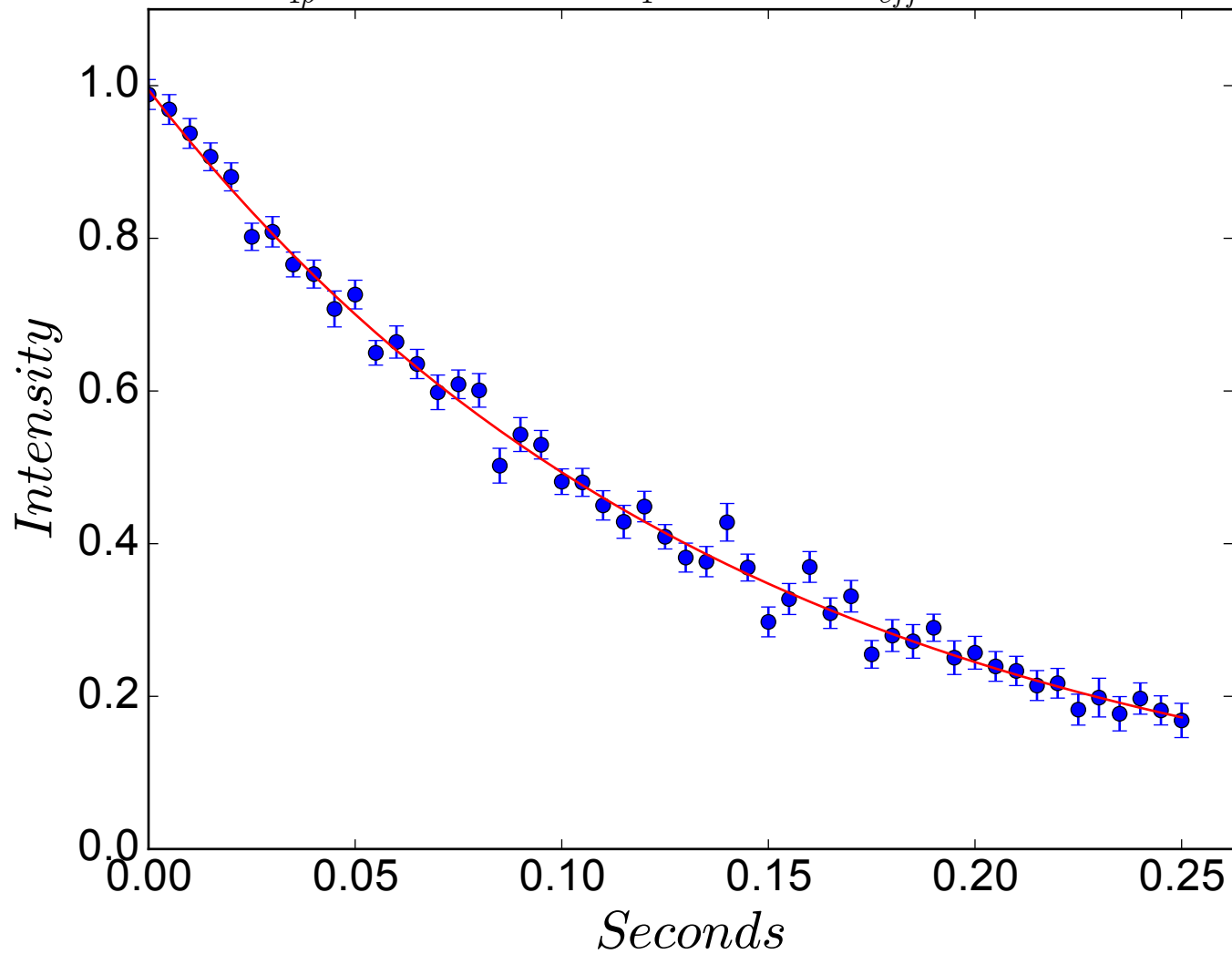




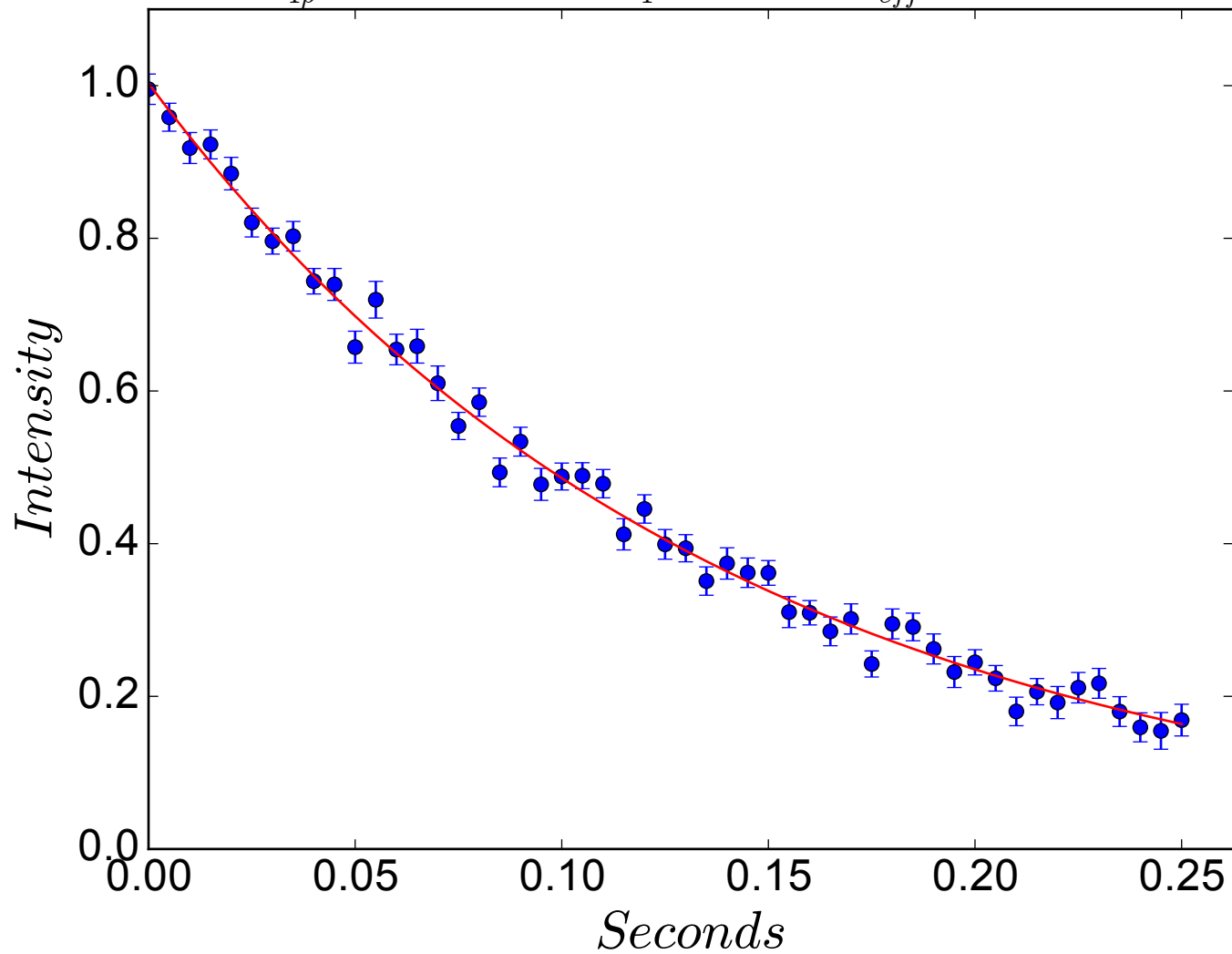
$$R_{1\rho} = 6.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -779 \text{ Hz}$$



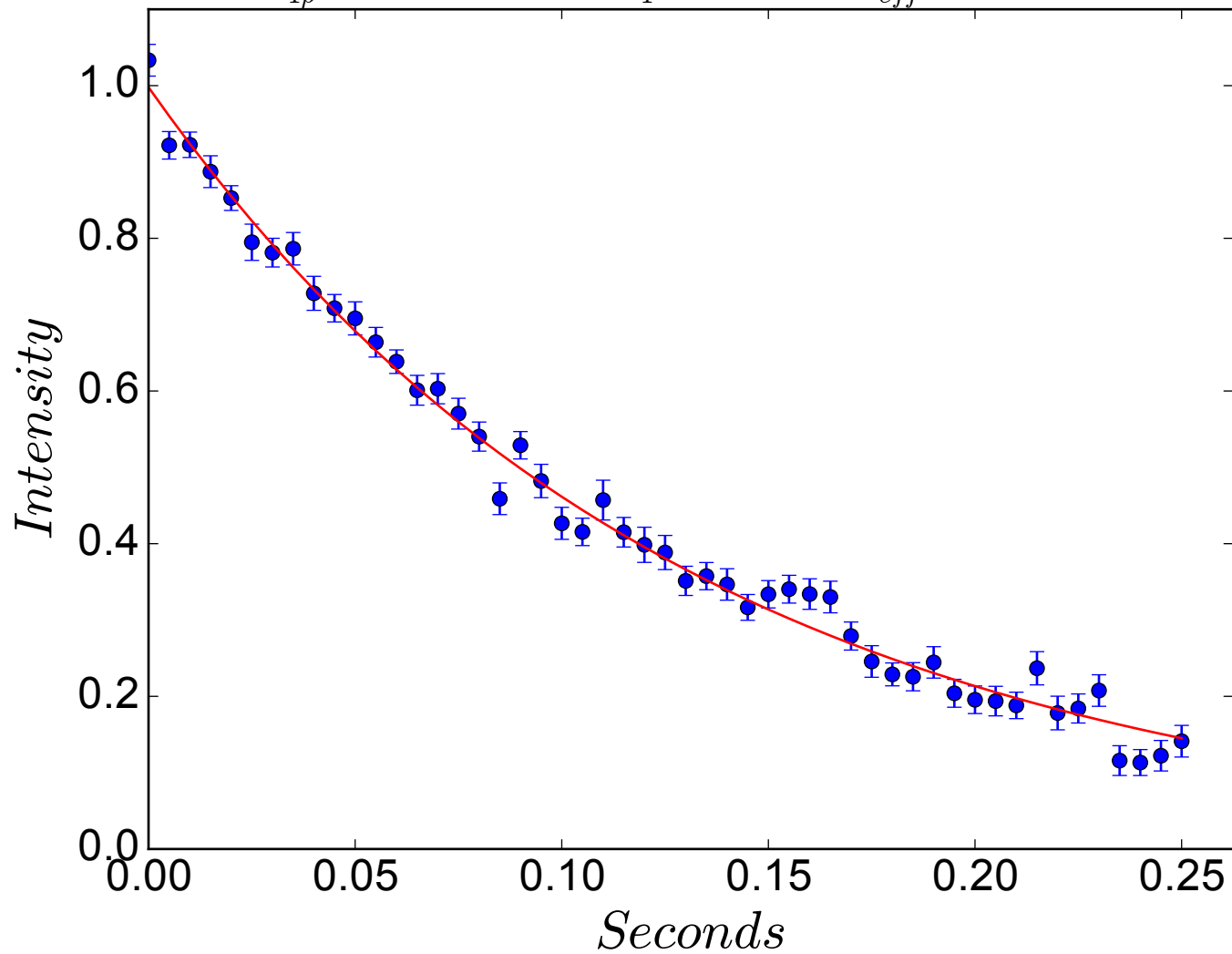
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -769 \text{ Hz}$$



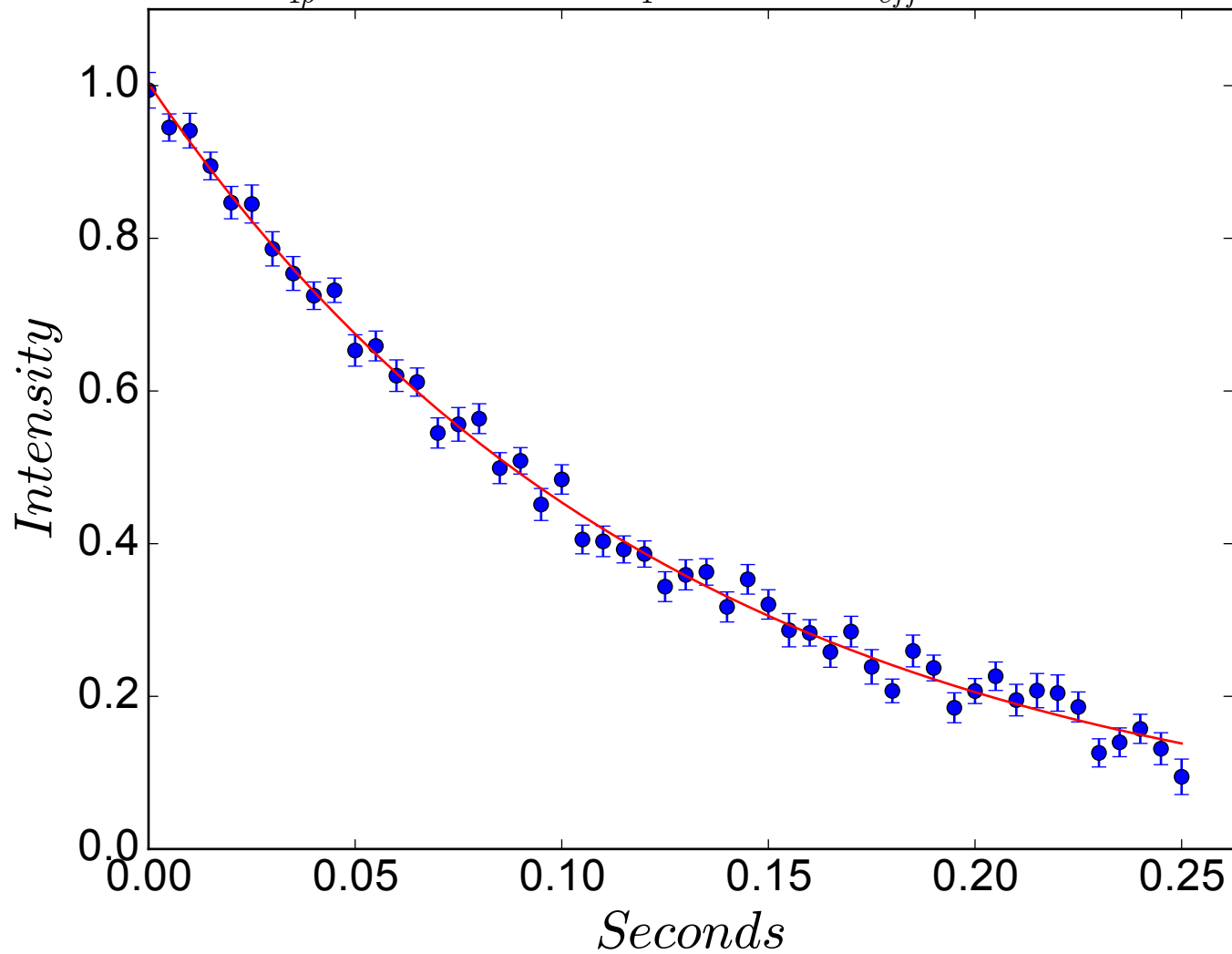
$$R_{1\rho} = 7.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -759 \text{ Hz}$$



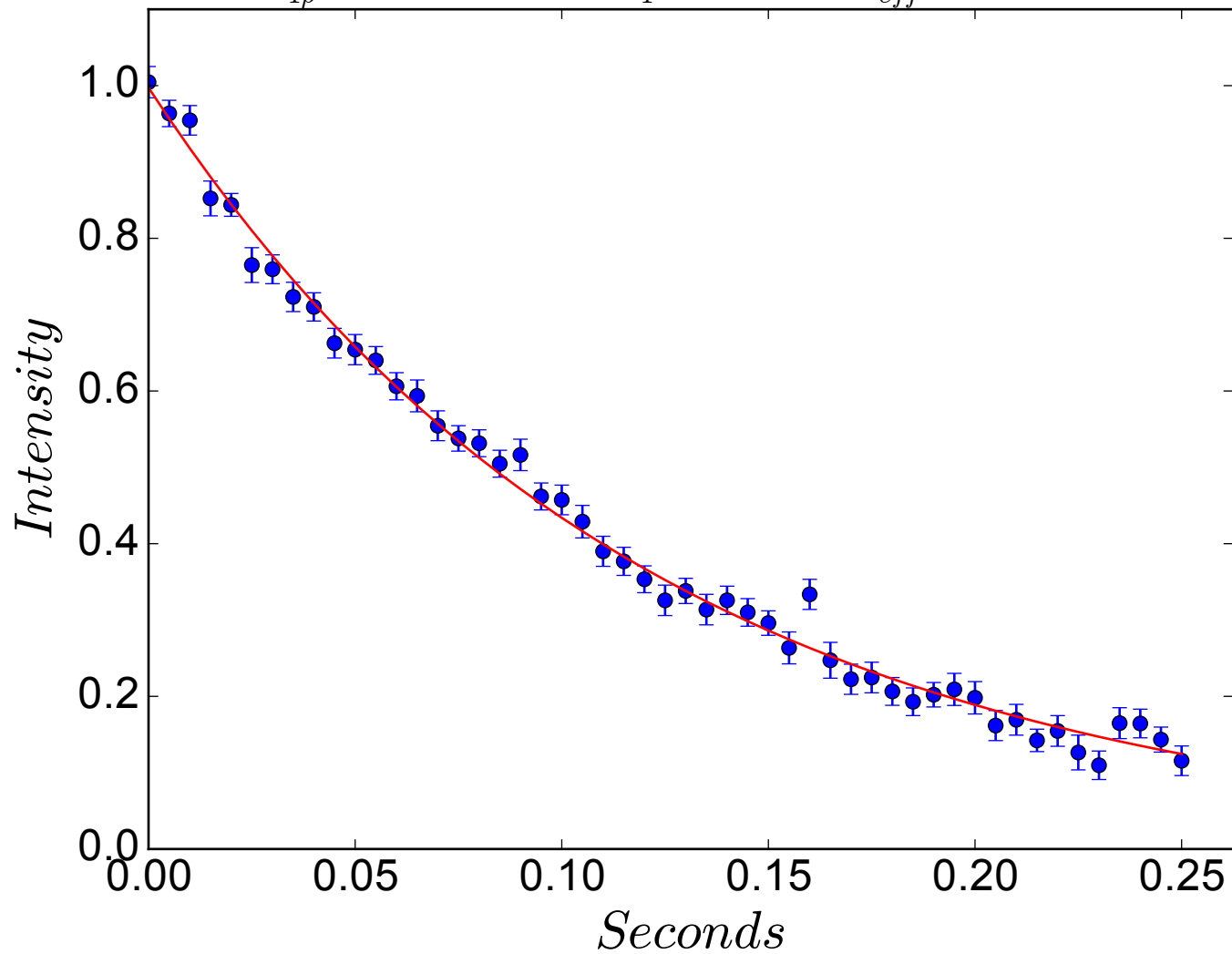
$$R_{1\rho} = 7.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -749 \text{ Hz}$$



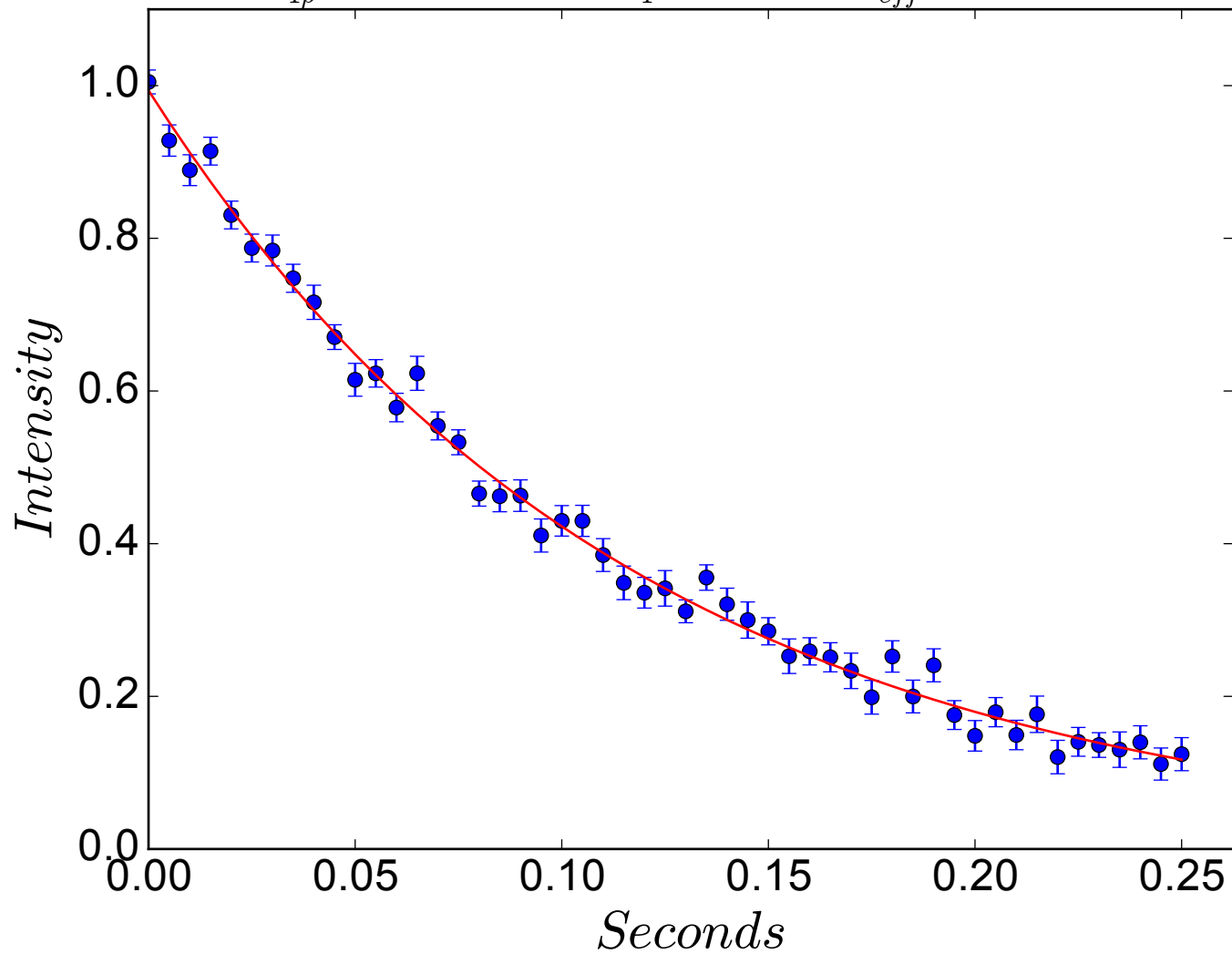
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -739 \text{ Hz}$$



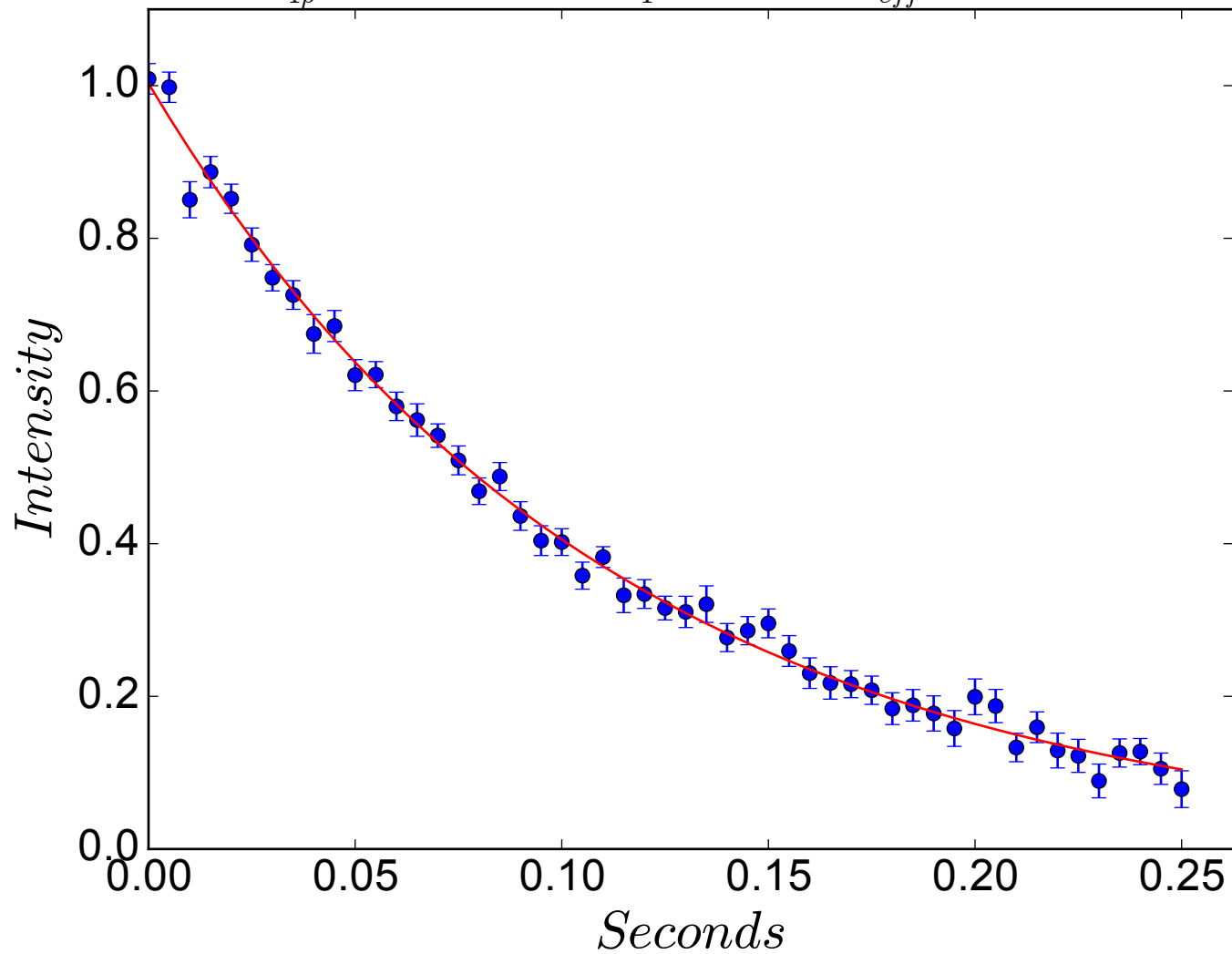
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -729 \text{ Hz}$$



$$R_{1\rho} = 8.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -719 \text{ Hz}$$

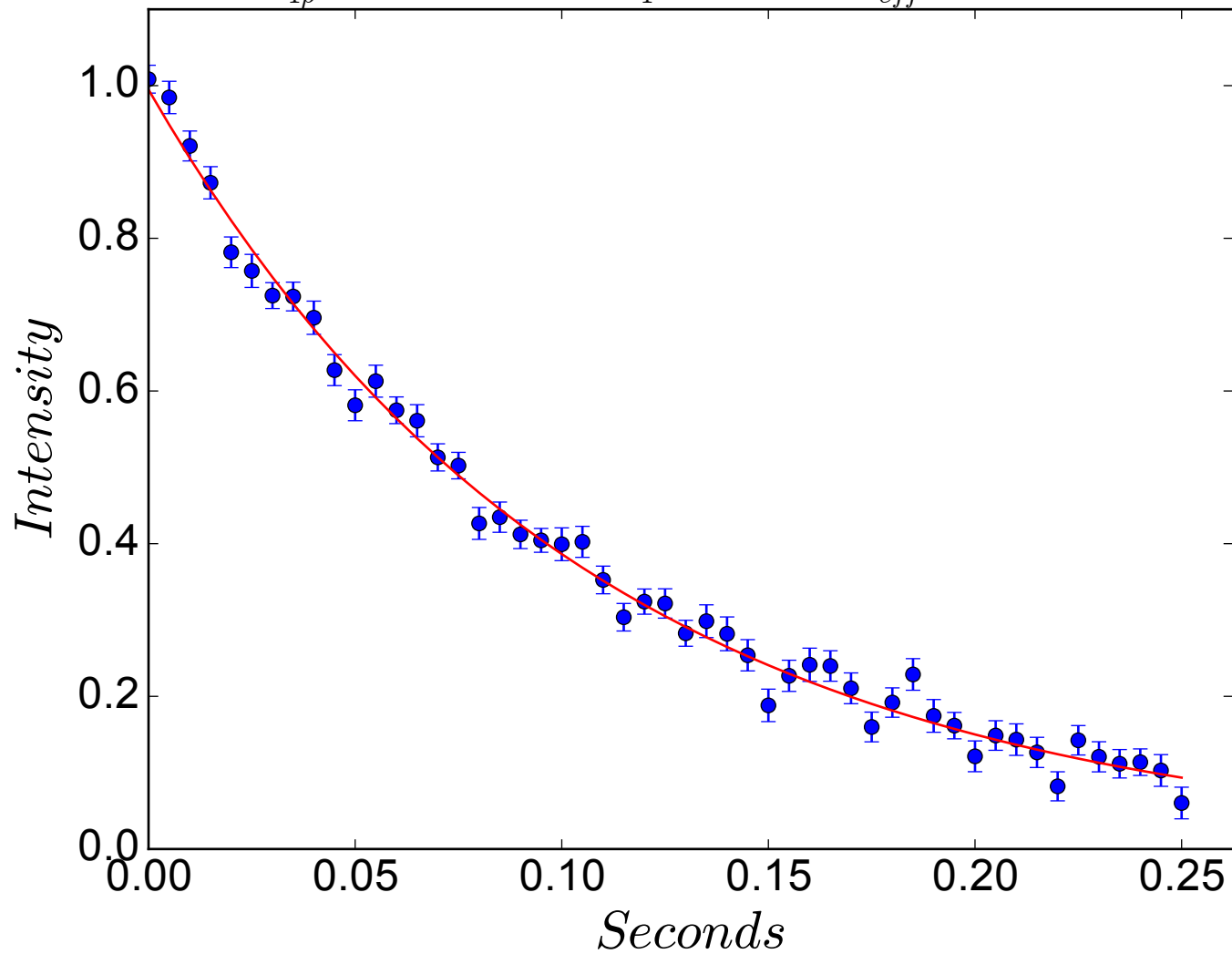


$$R_{1\rho} = 9.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -709 \text{ Hz}$$

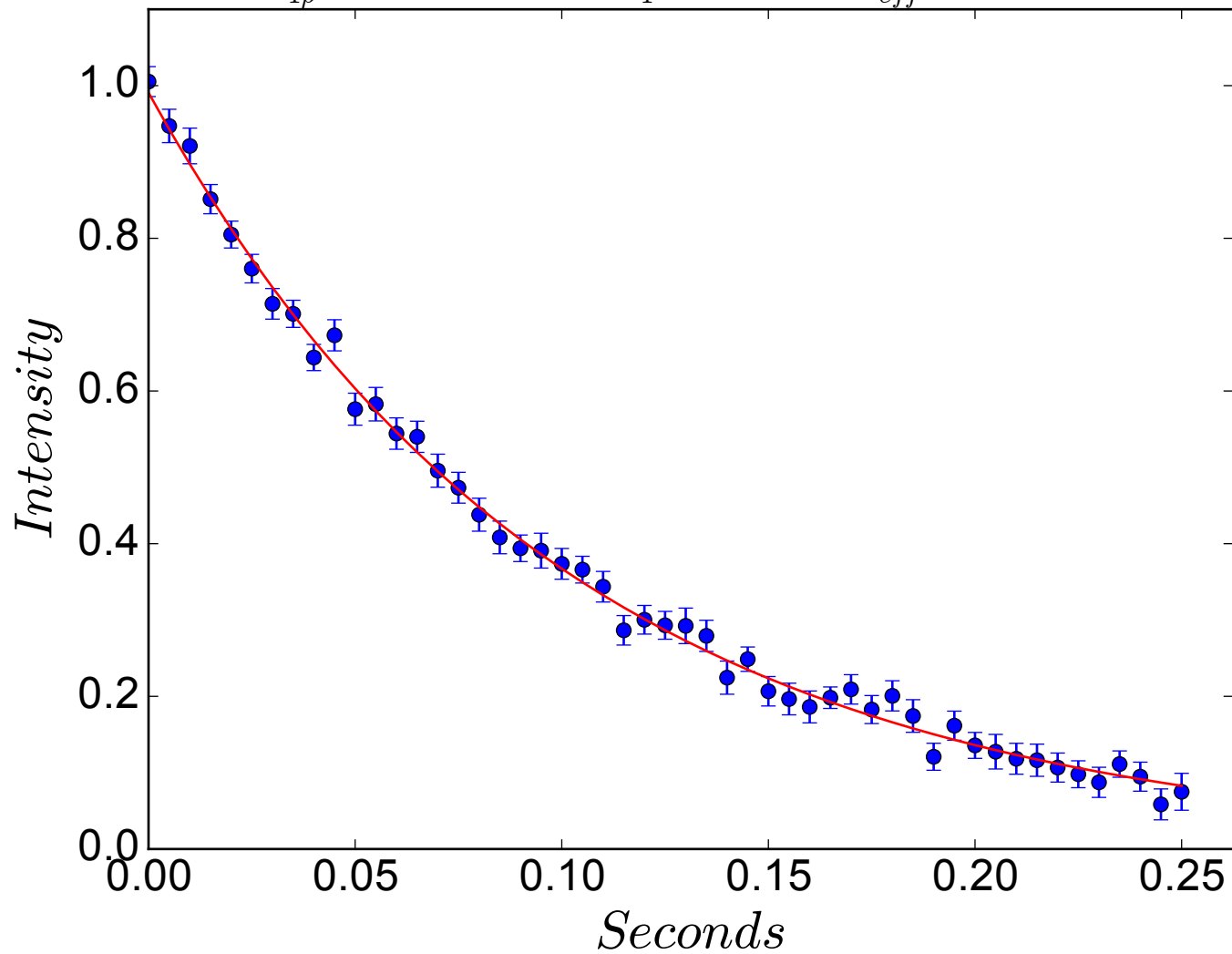




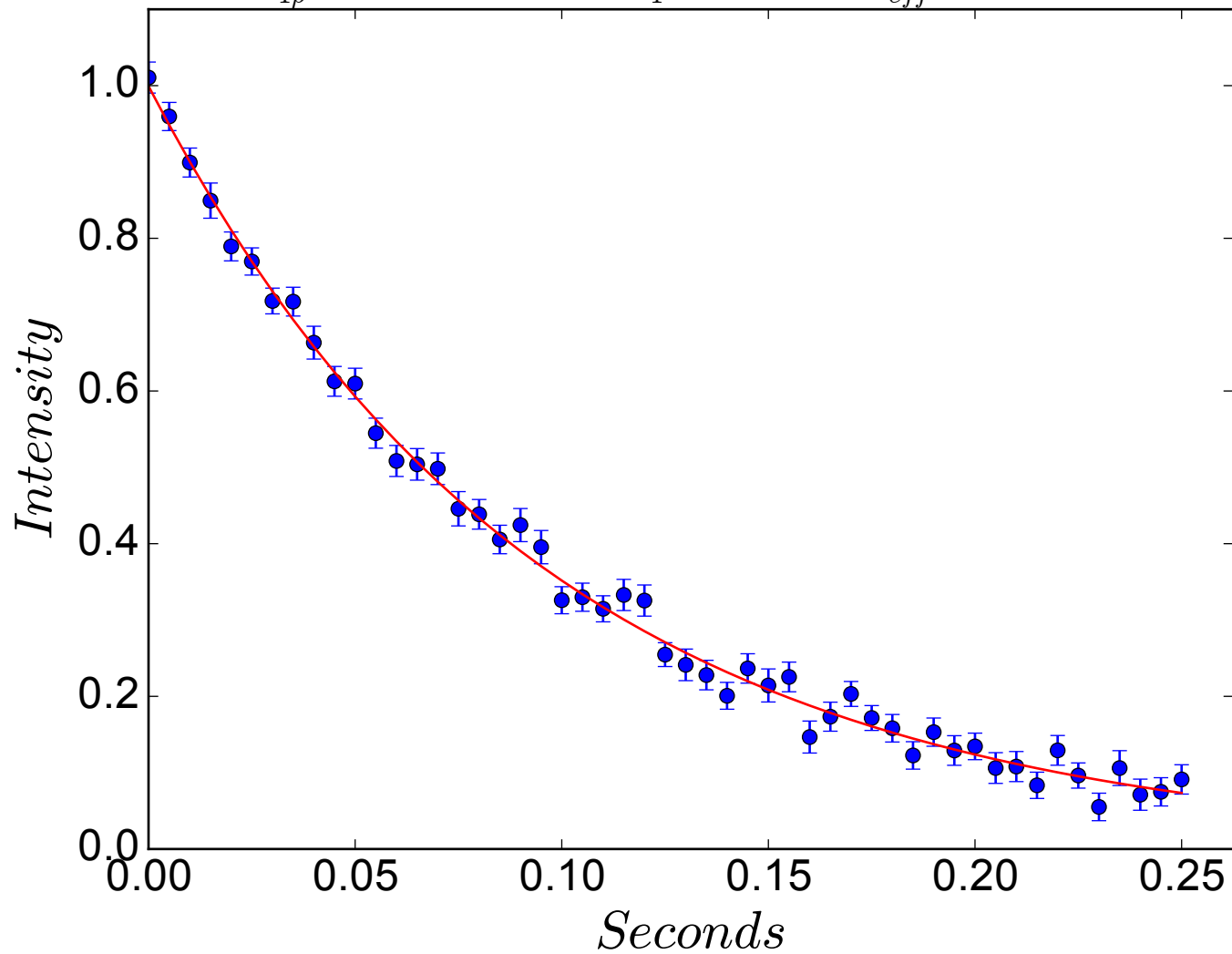
$$R_{1\rho} = 9.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -698 \text{ Hz}$$



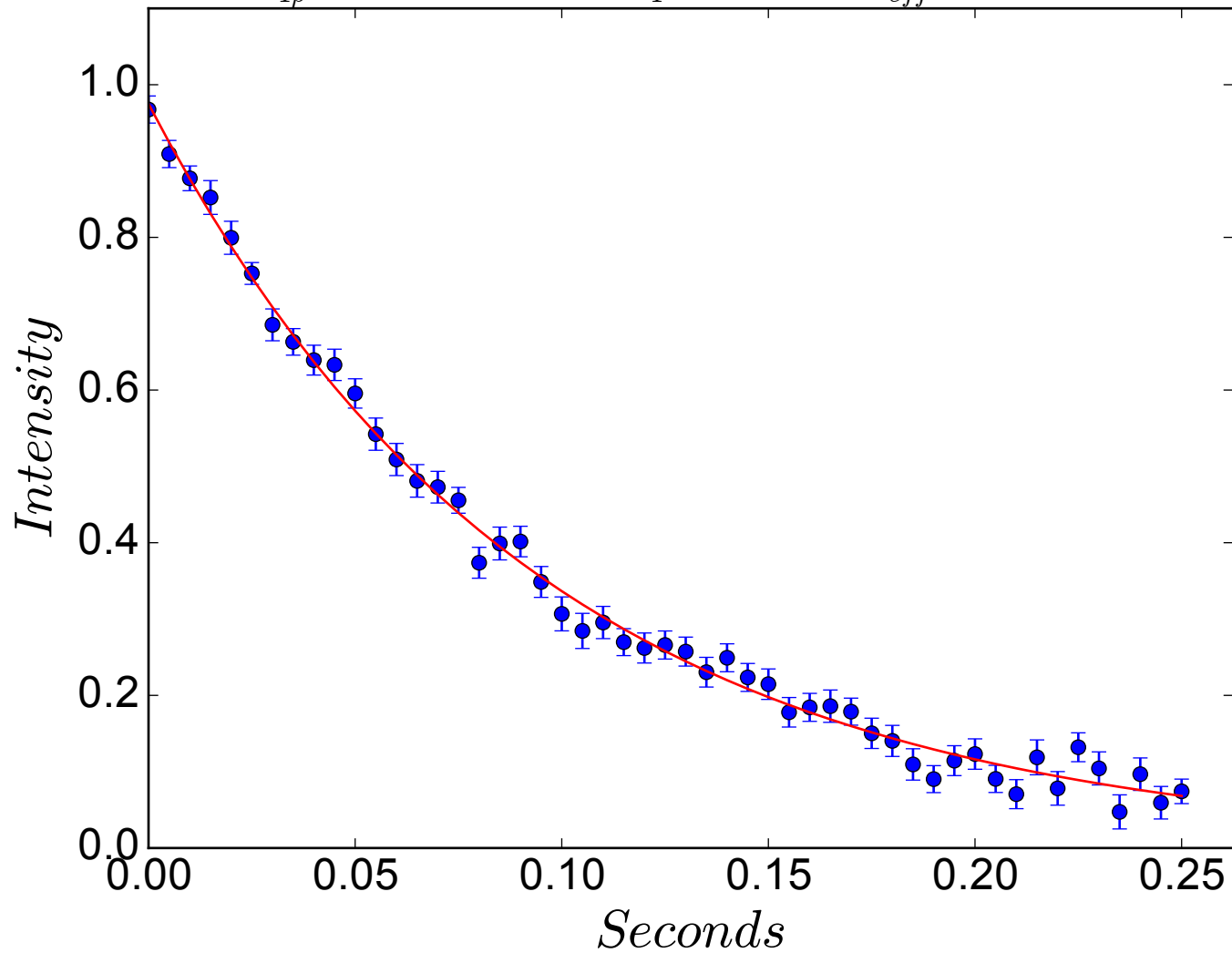
$$R_{1\rho} = 9.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -688 \text{ Hz}$$



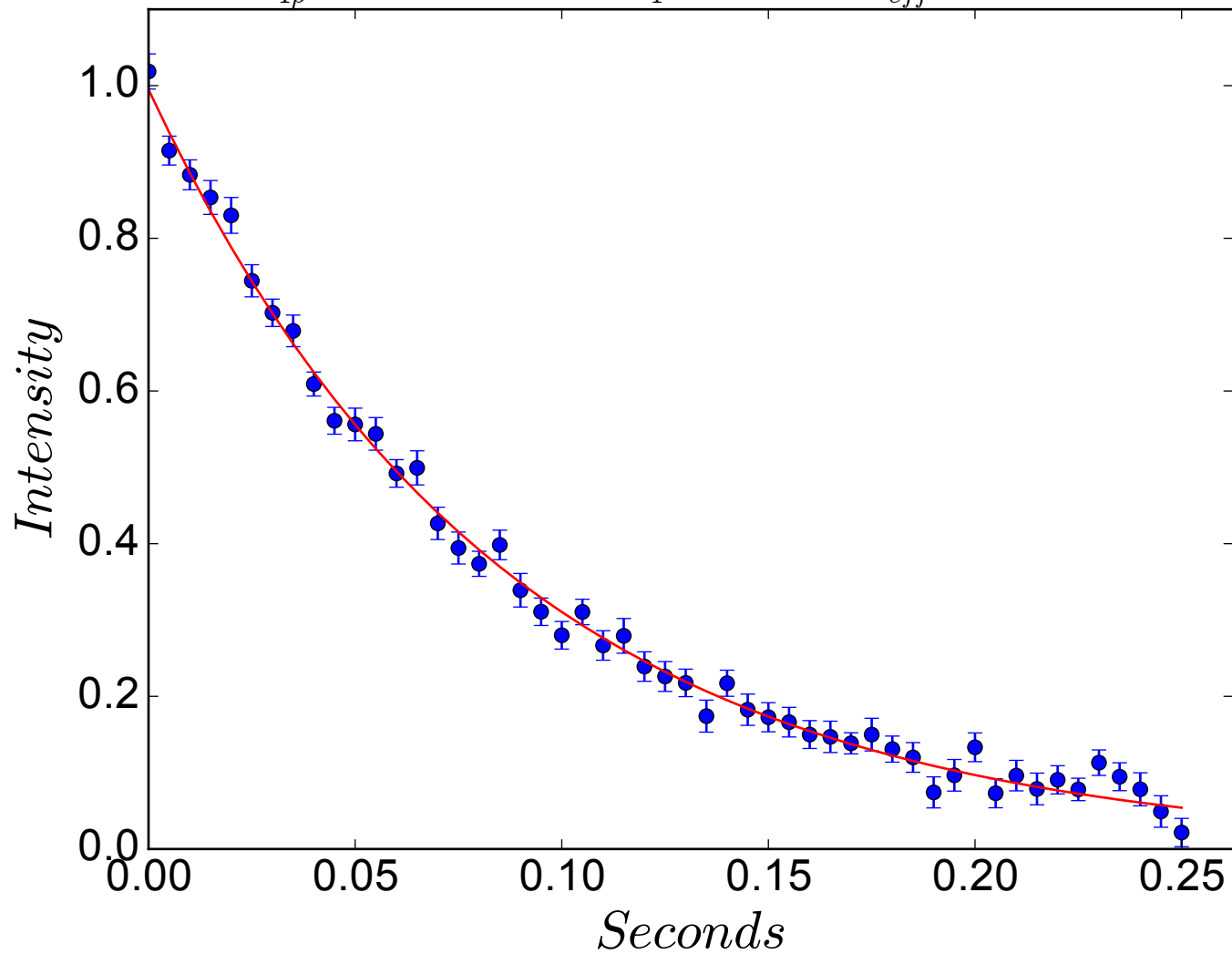
$$R_{1\rho} = 10.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -678 \text{ Hz}$$



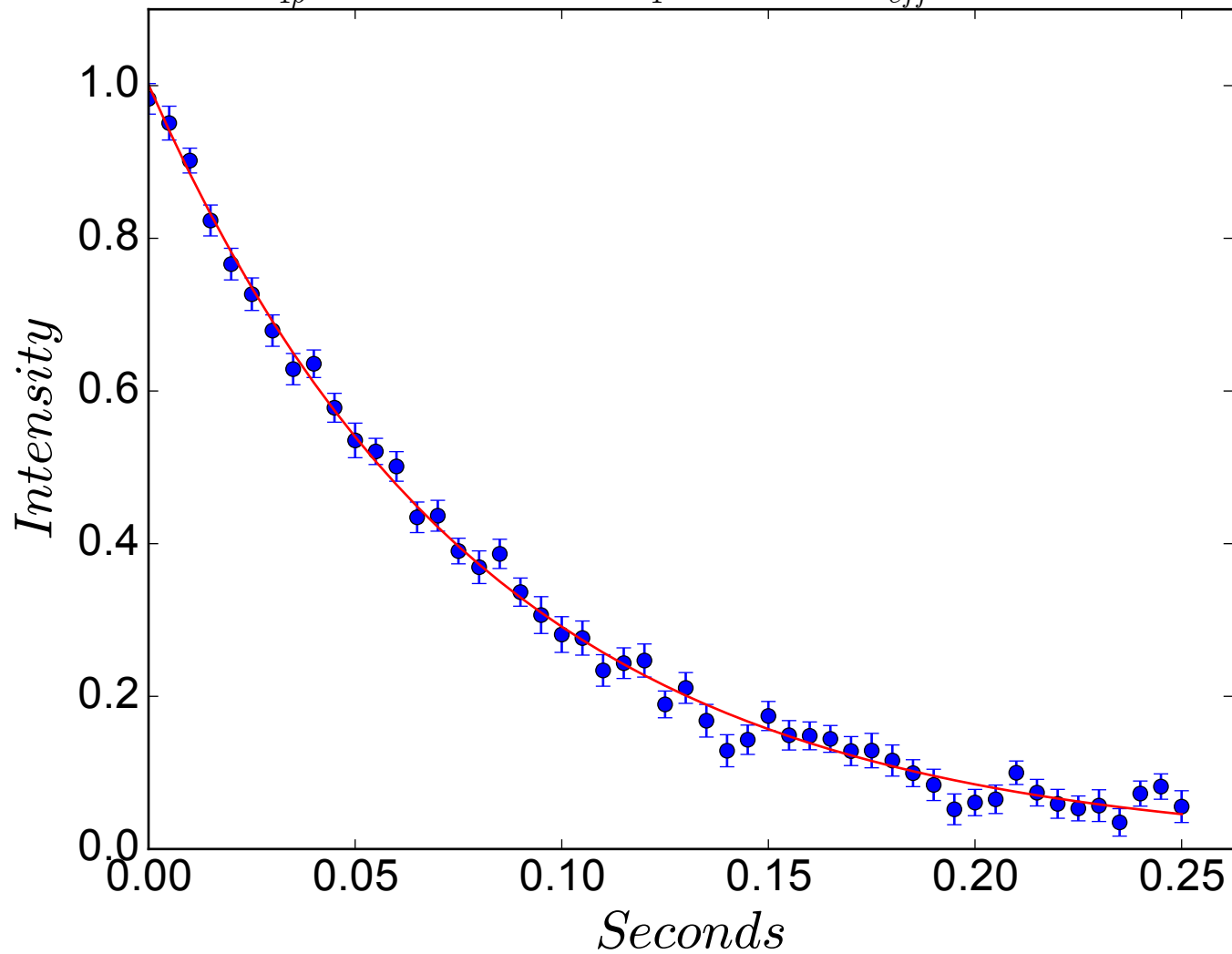
$$R_{1\rho} = 10.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -668 \text{ Hz}$$



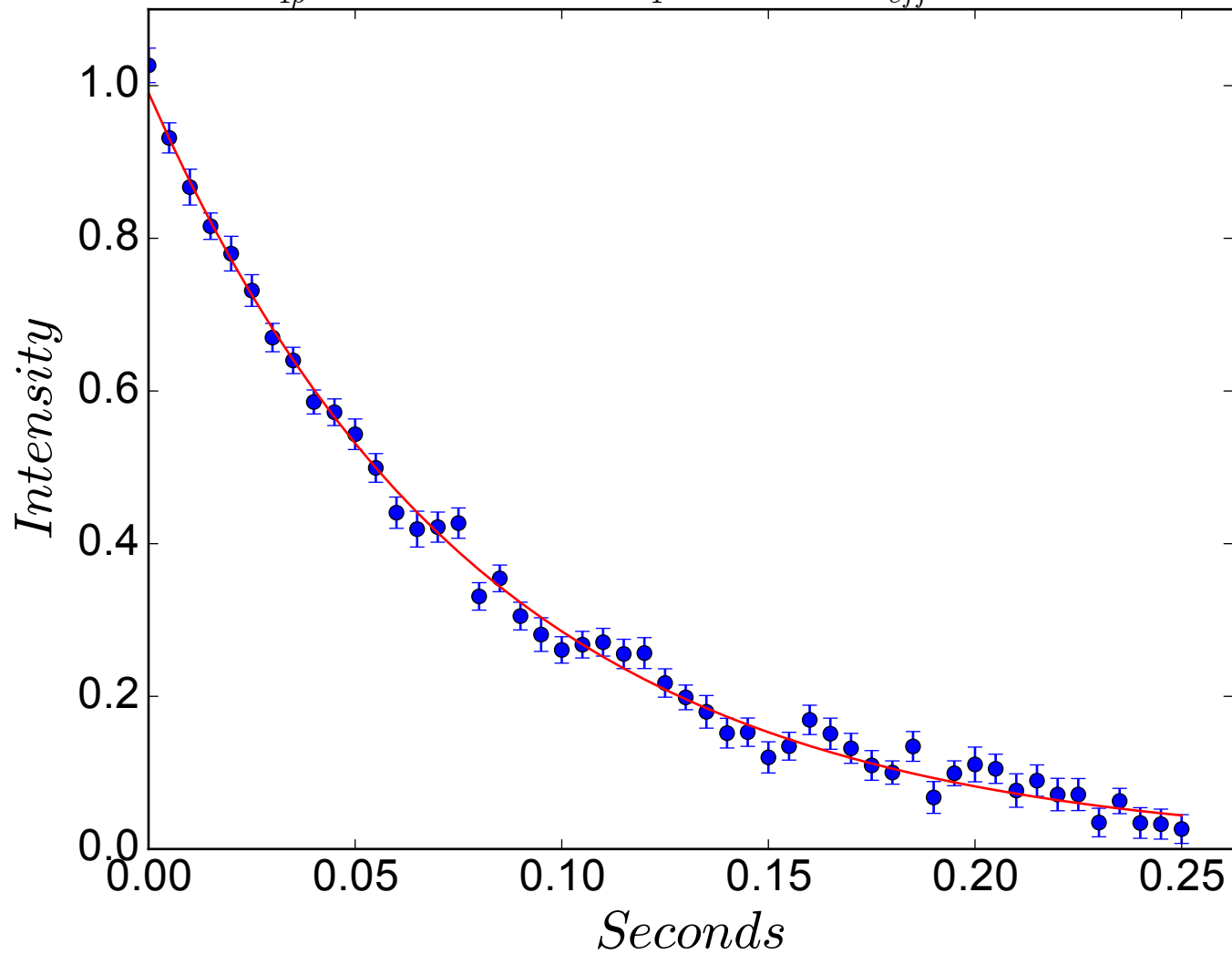
$$R_{1\rho} = 11.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -658 \text{ Hz}$$



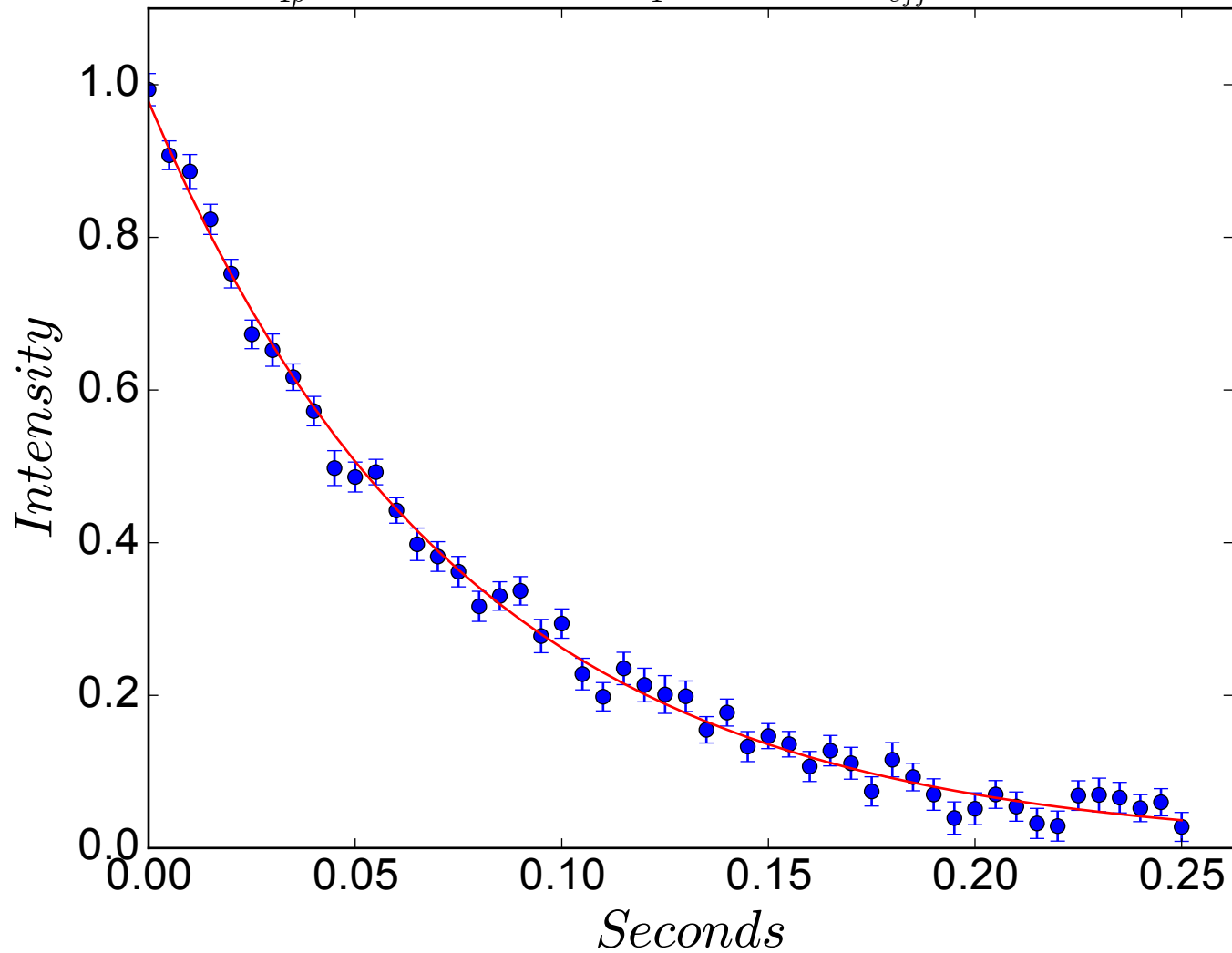
$$R_{1\rho} = 12.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -648 \text{ Hz}$$



$$R_{1\rho} = 12.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -638 \text{ Hz}$$

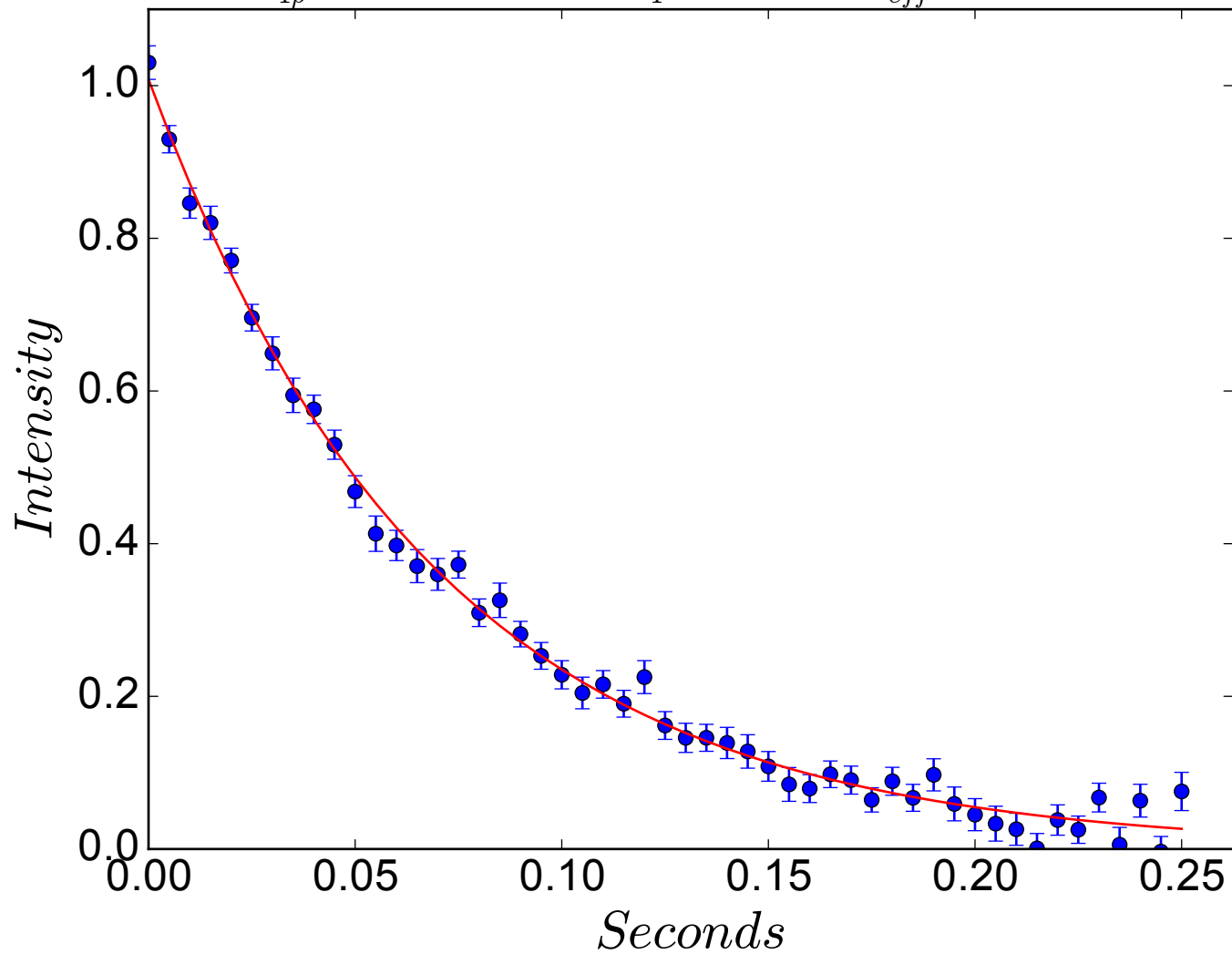


$$R_{1\rho} = 13.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -628 \text{ Hz}$$

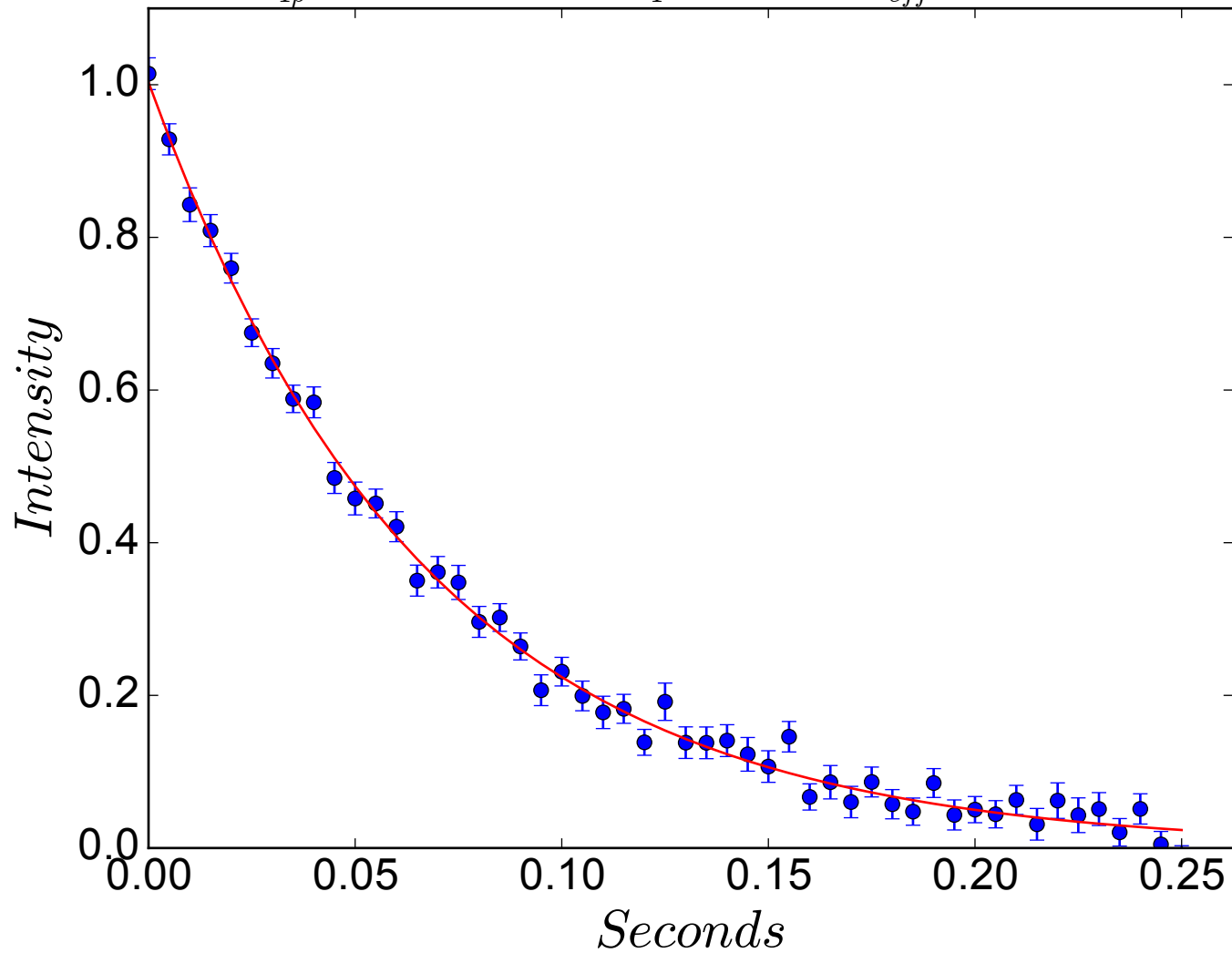




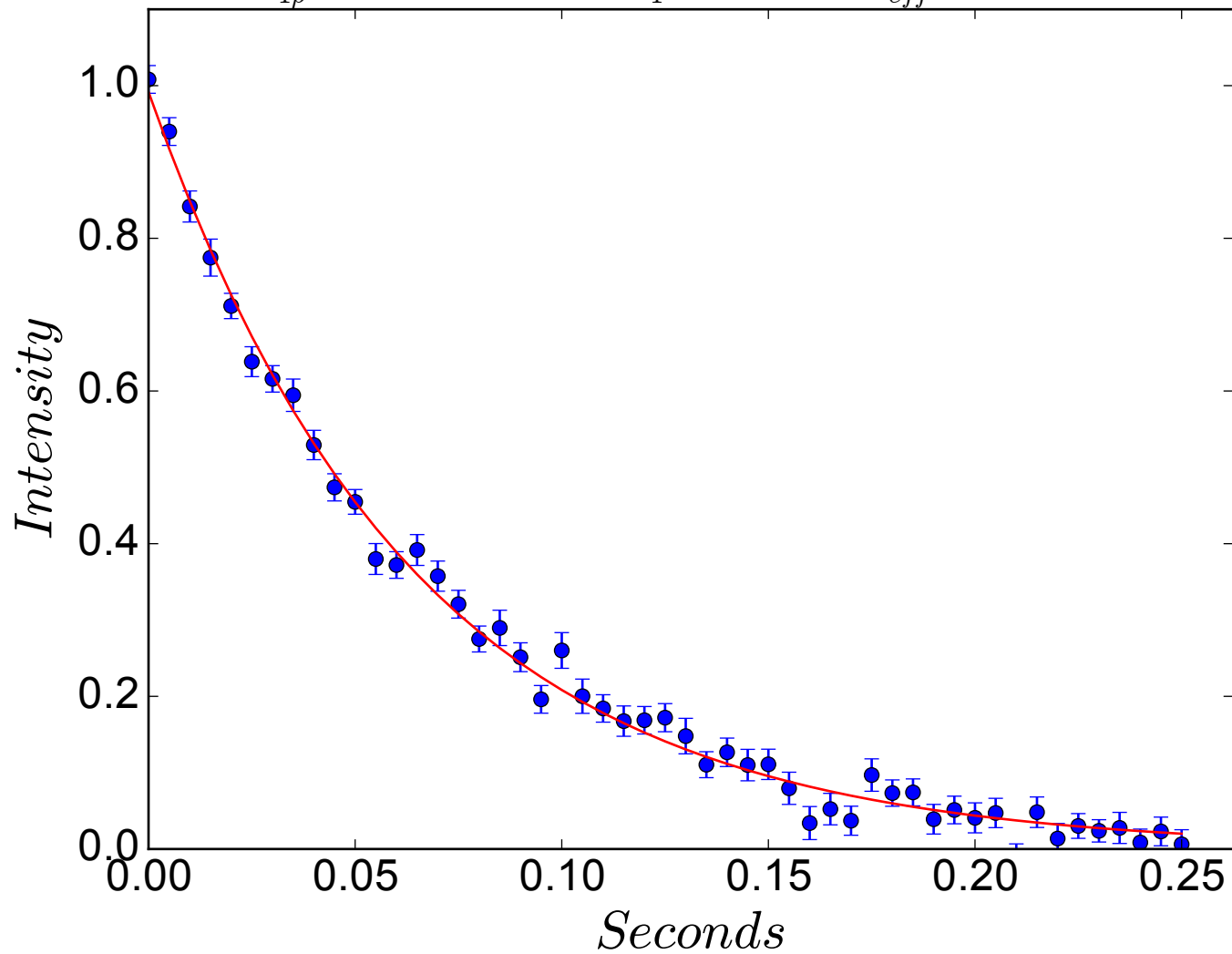
$$R_{1\rho} = 14.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -618 \text{ Hz}$$



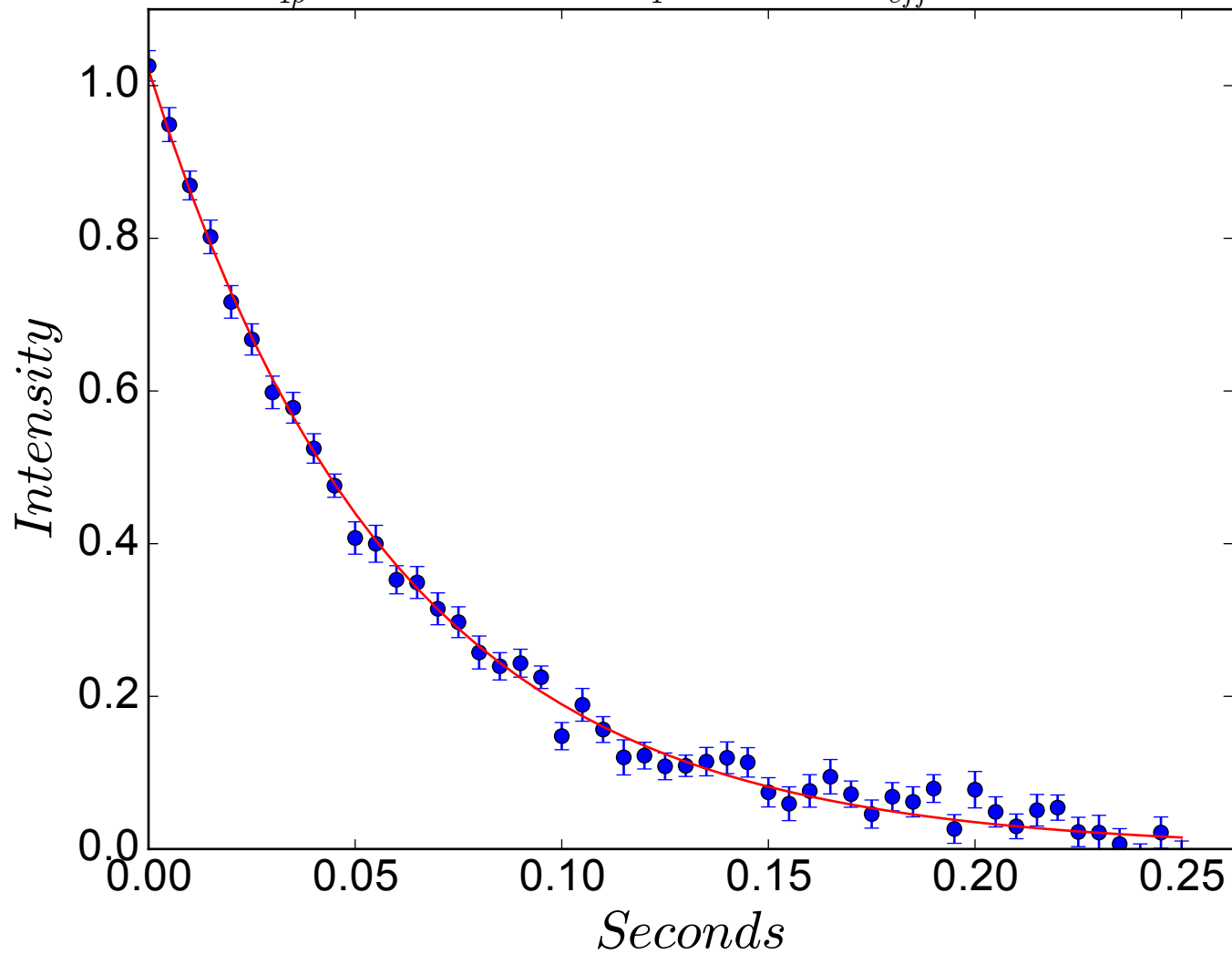
$$R_{1\rho} = 15.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -608 \text{ Hz}$$



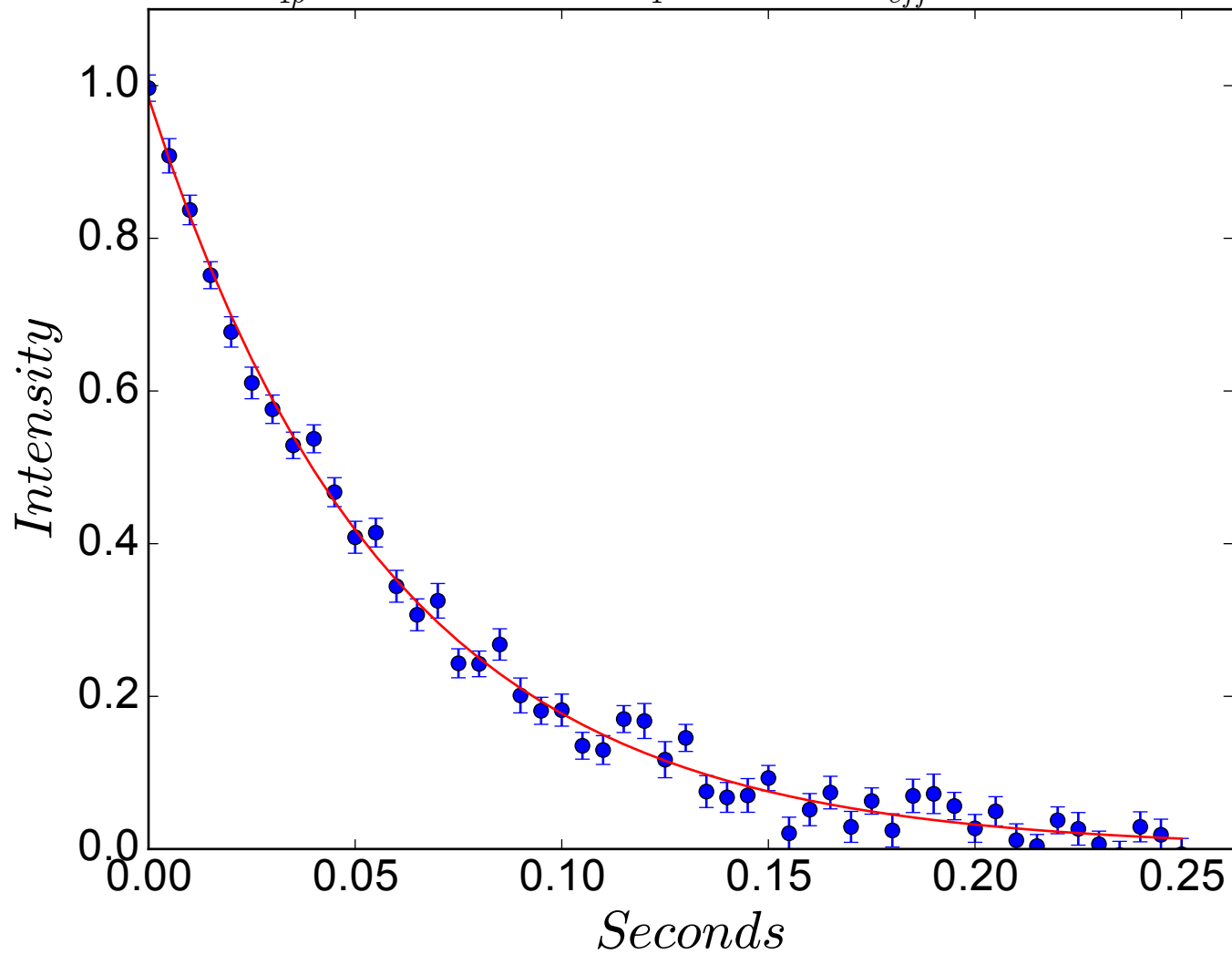
$$R_{1\rho} = 15.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -598 \text{ Hz}$$



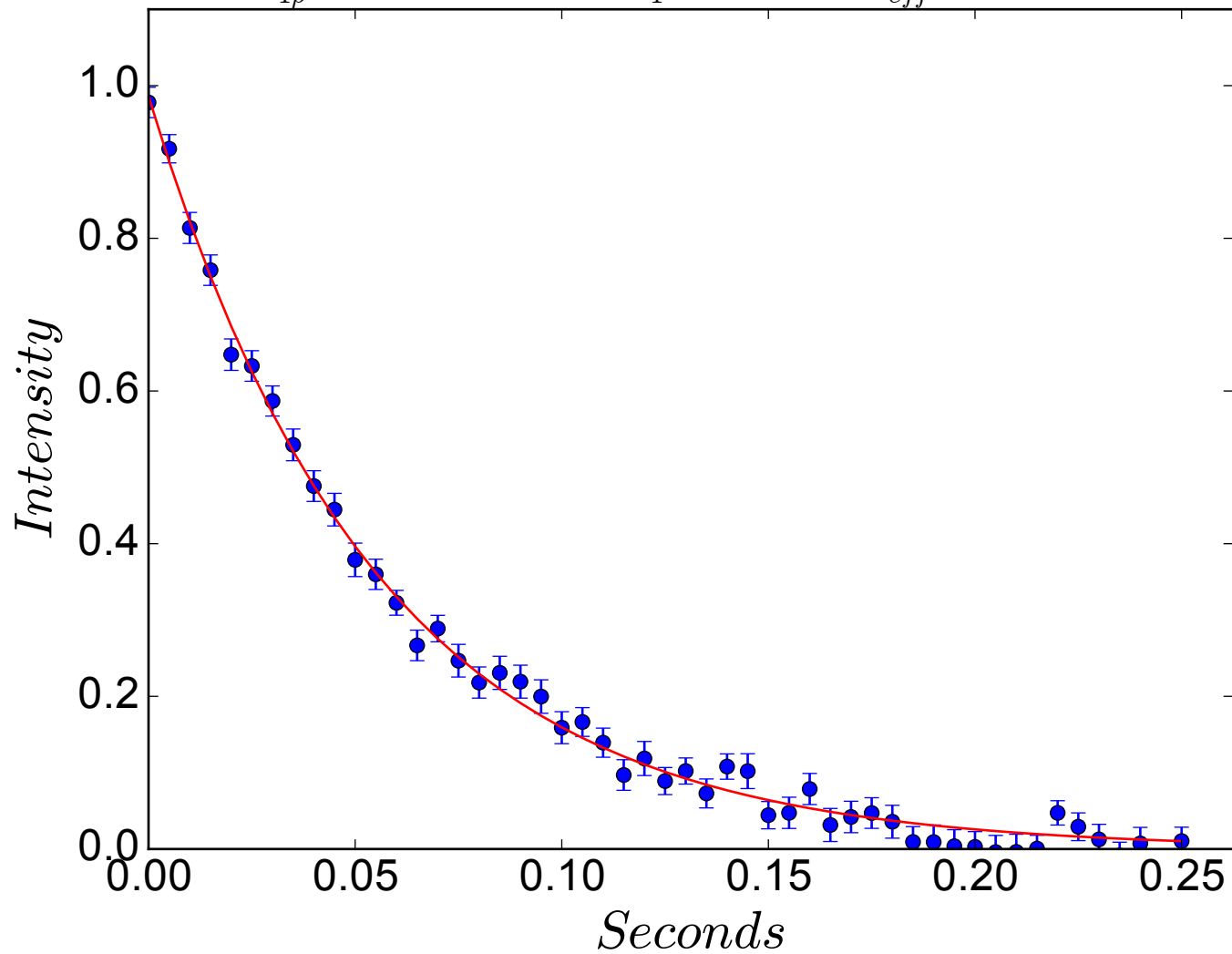
$$R_{1\rho} = 16.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -588 \text{ Hz}$$



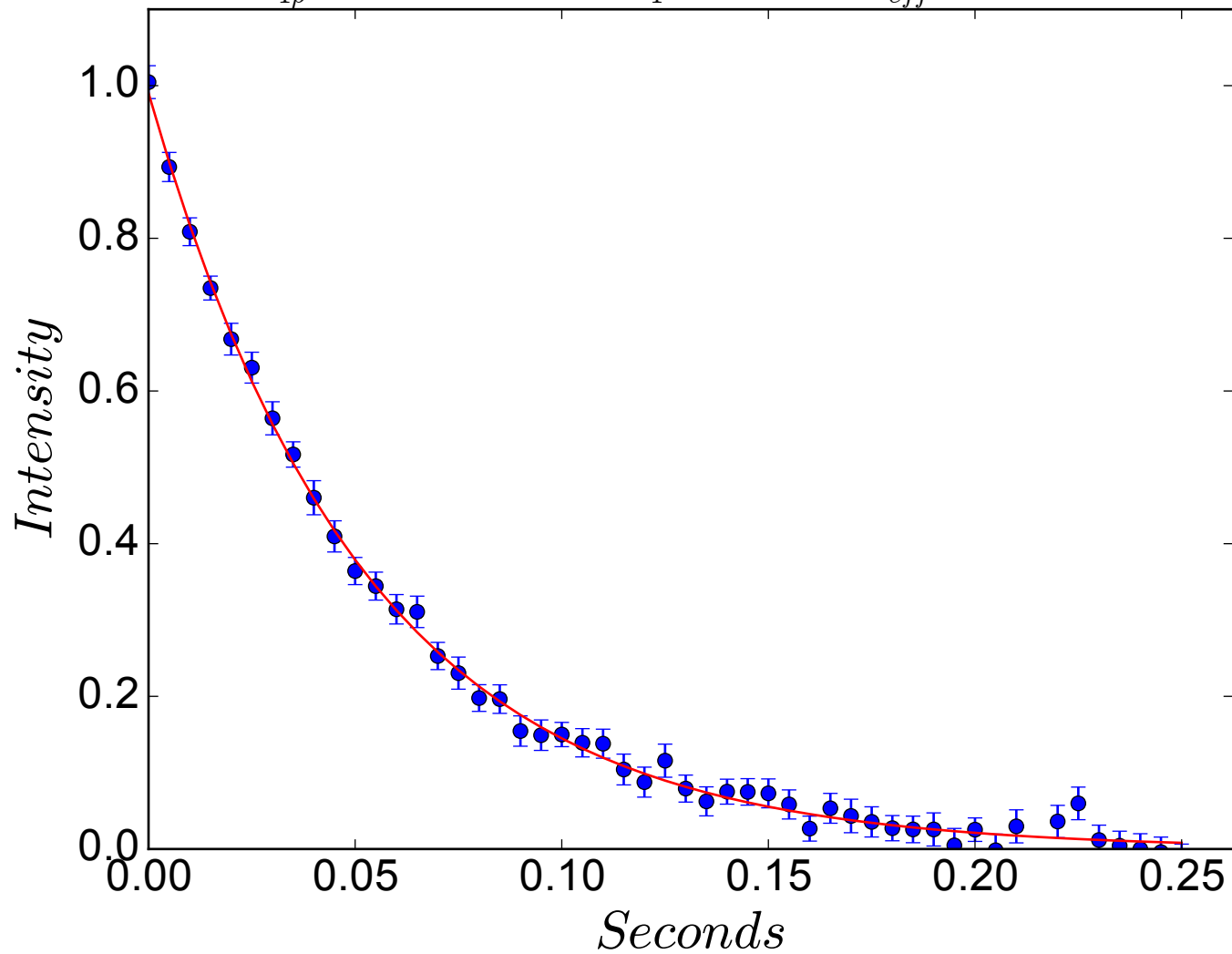
$$R_{1\rho} = 17.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -578 \text{ Hz}$$



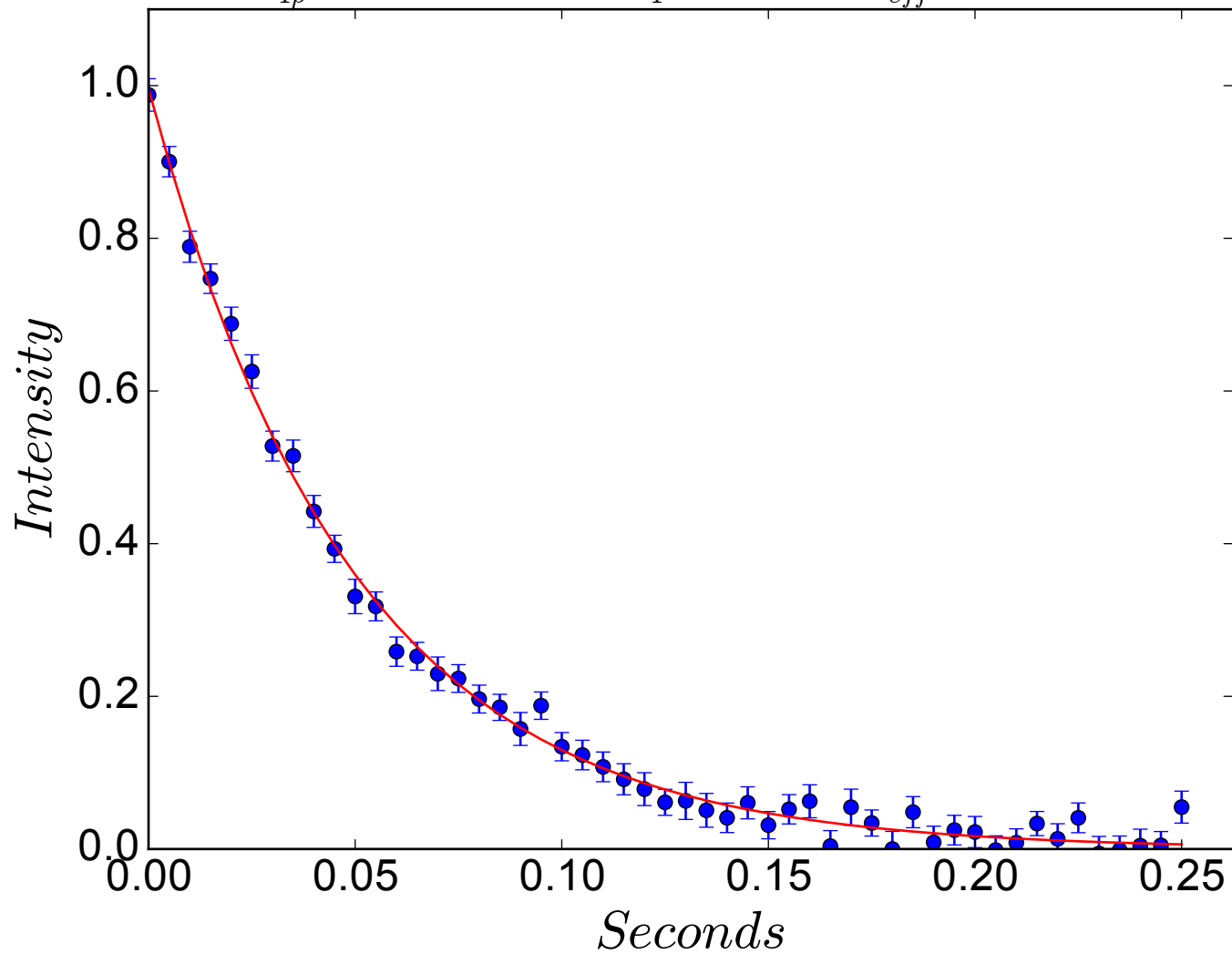
$$R_{1\rho} = 18.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -568 \text{ Hz}$$



$$R_{1\rho} = 19.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -558 \text{ Hz}$$

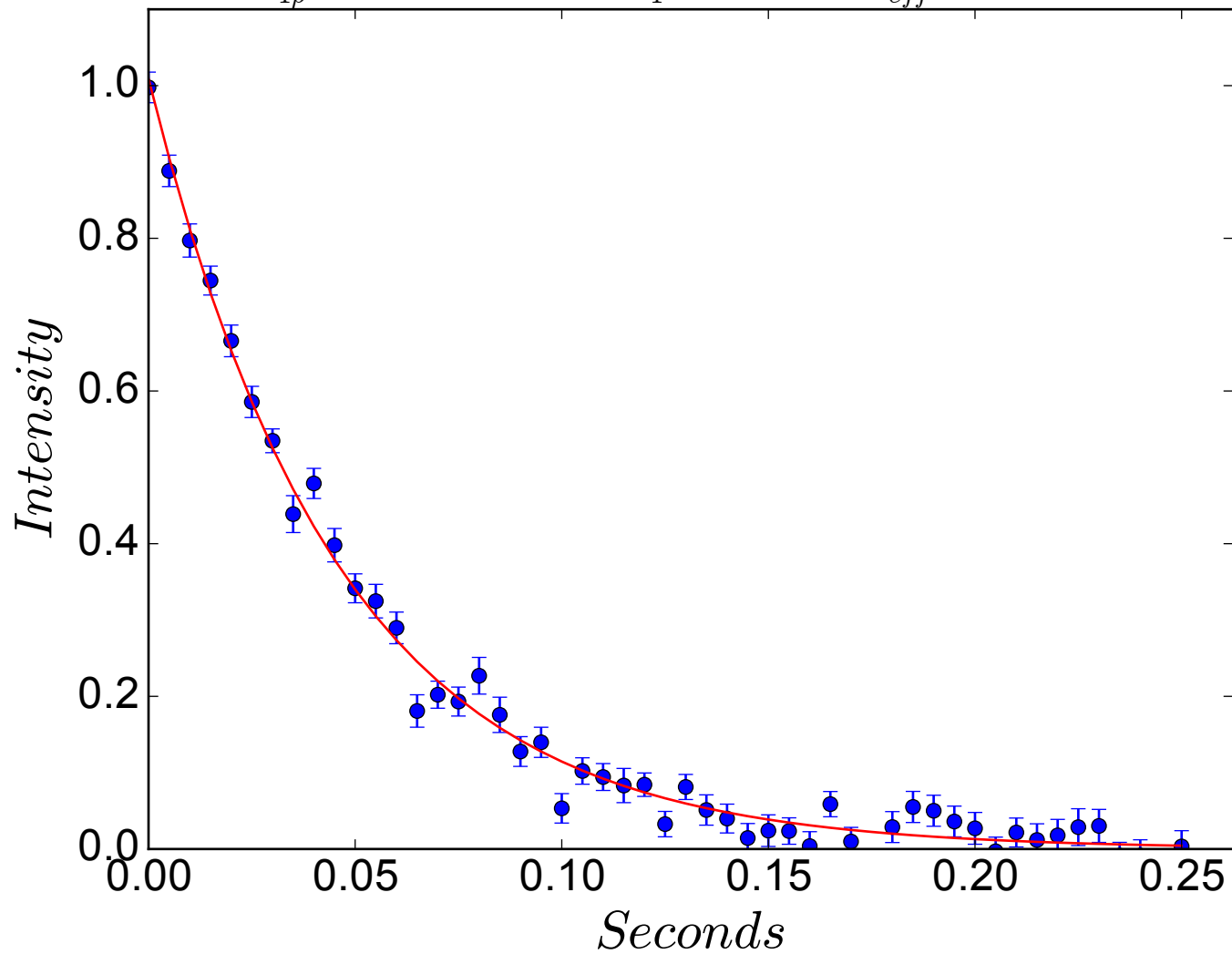


$$R_{1\rho} = 20.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -548 \text{ Hz}$$

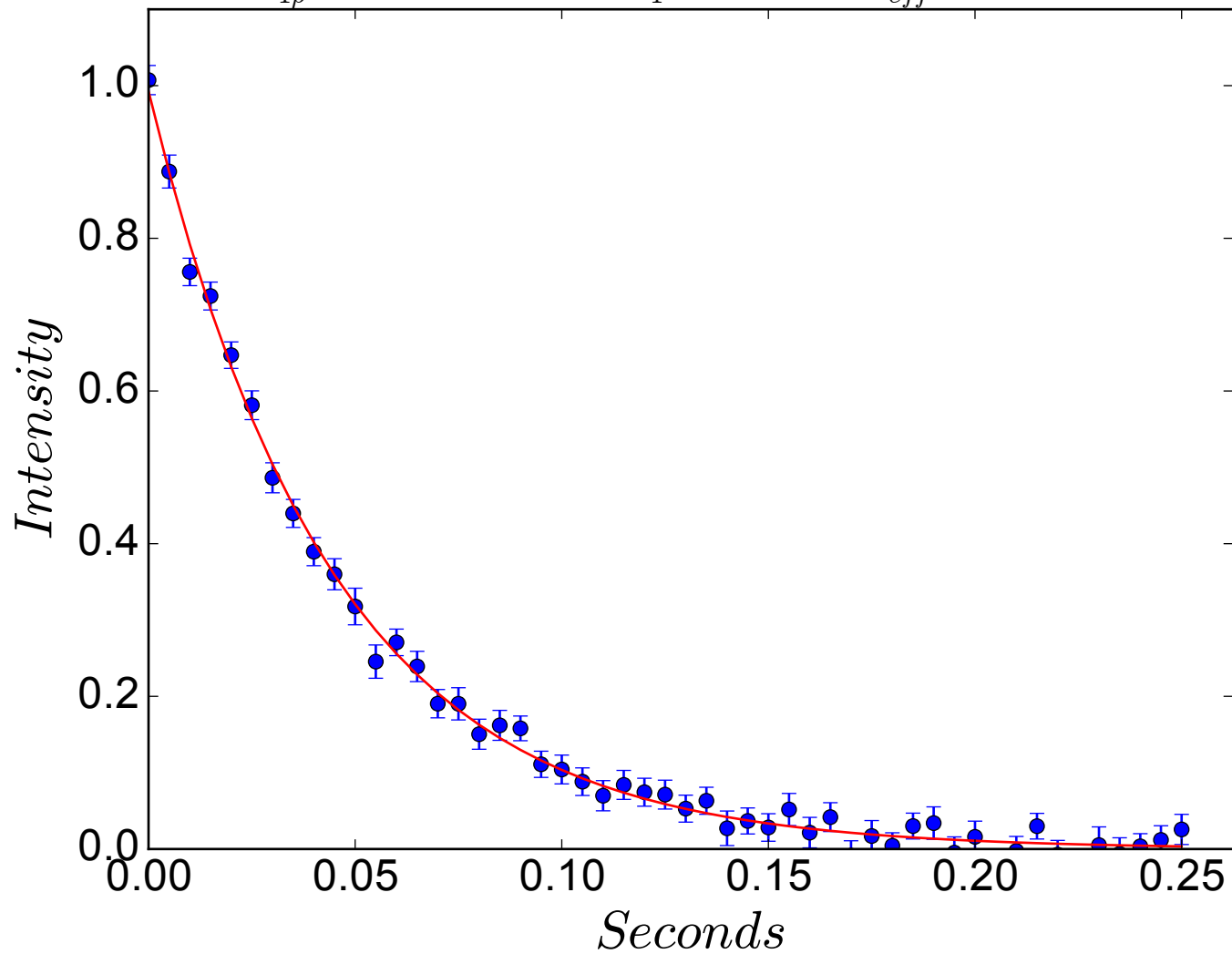




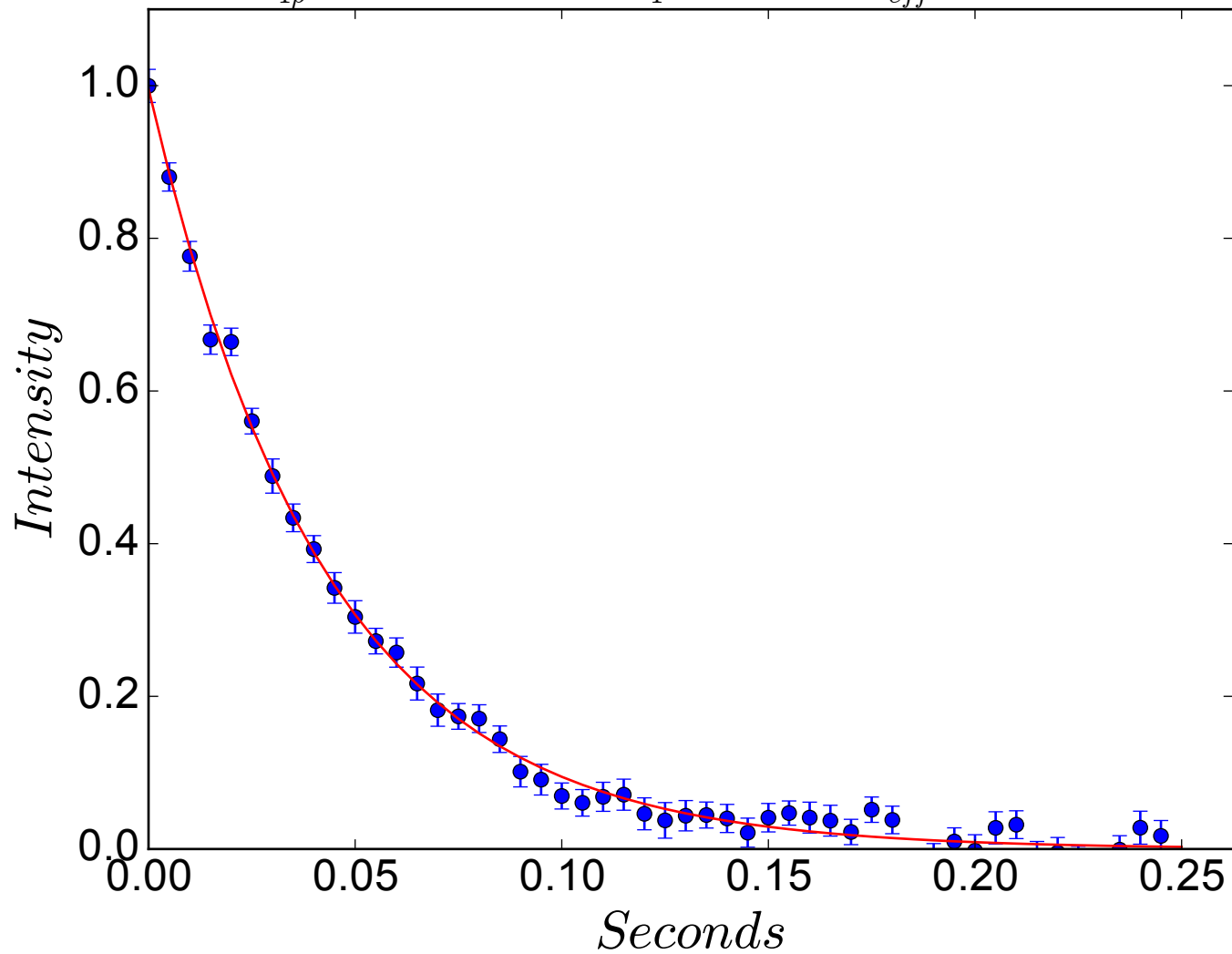
$$R_{1\rho} = 21.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -538 \text{ Hz}$$



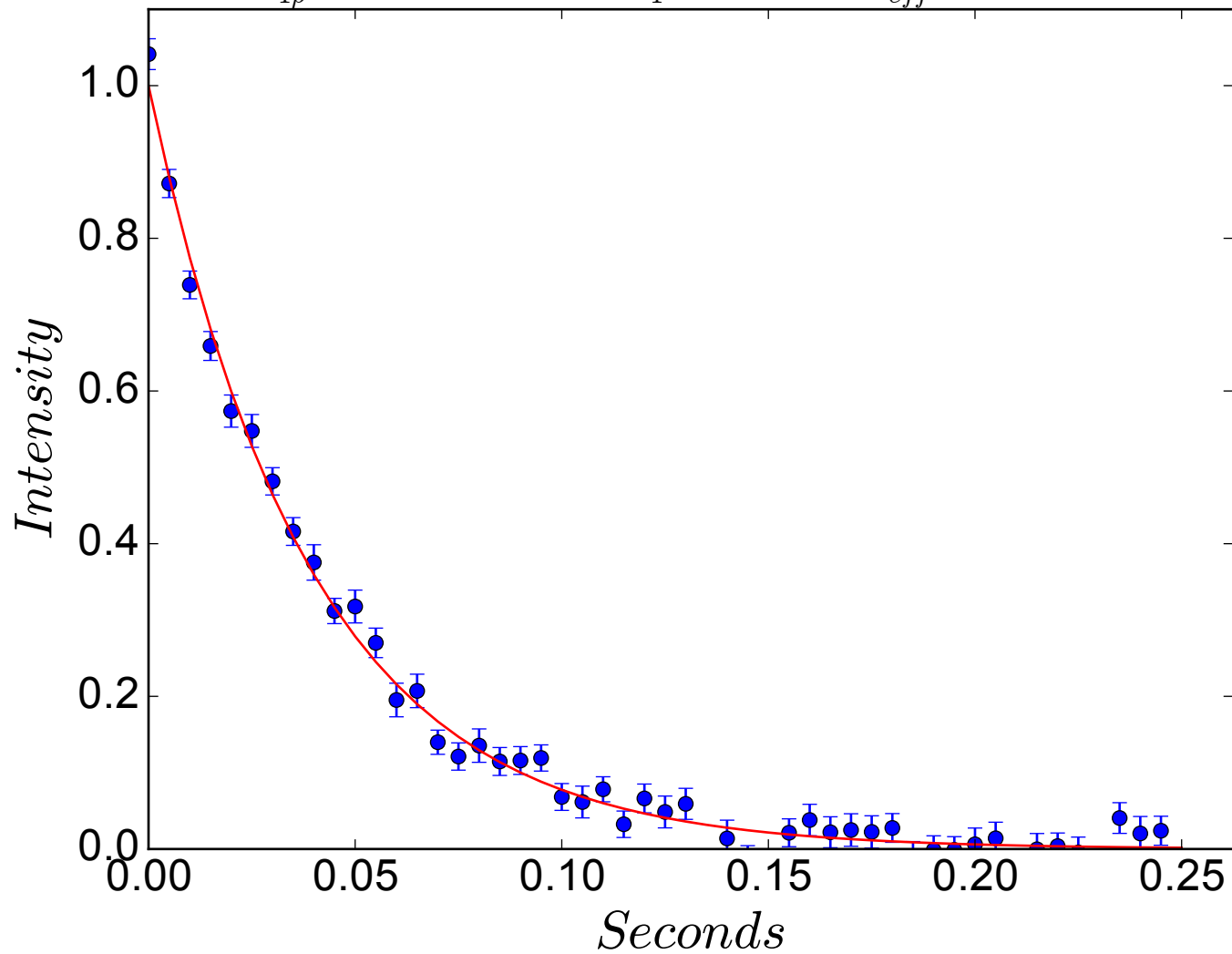
$$R_{1\rho} = 22.6 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -528 \text{ Hz}$$



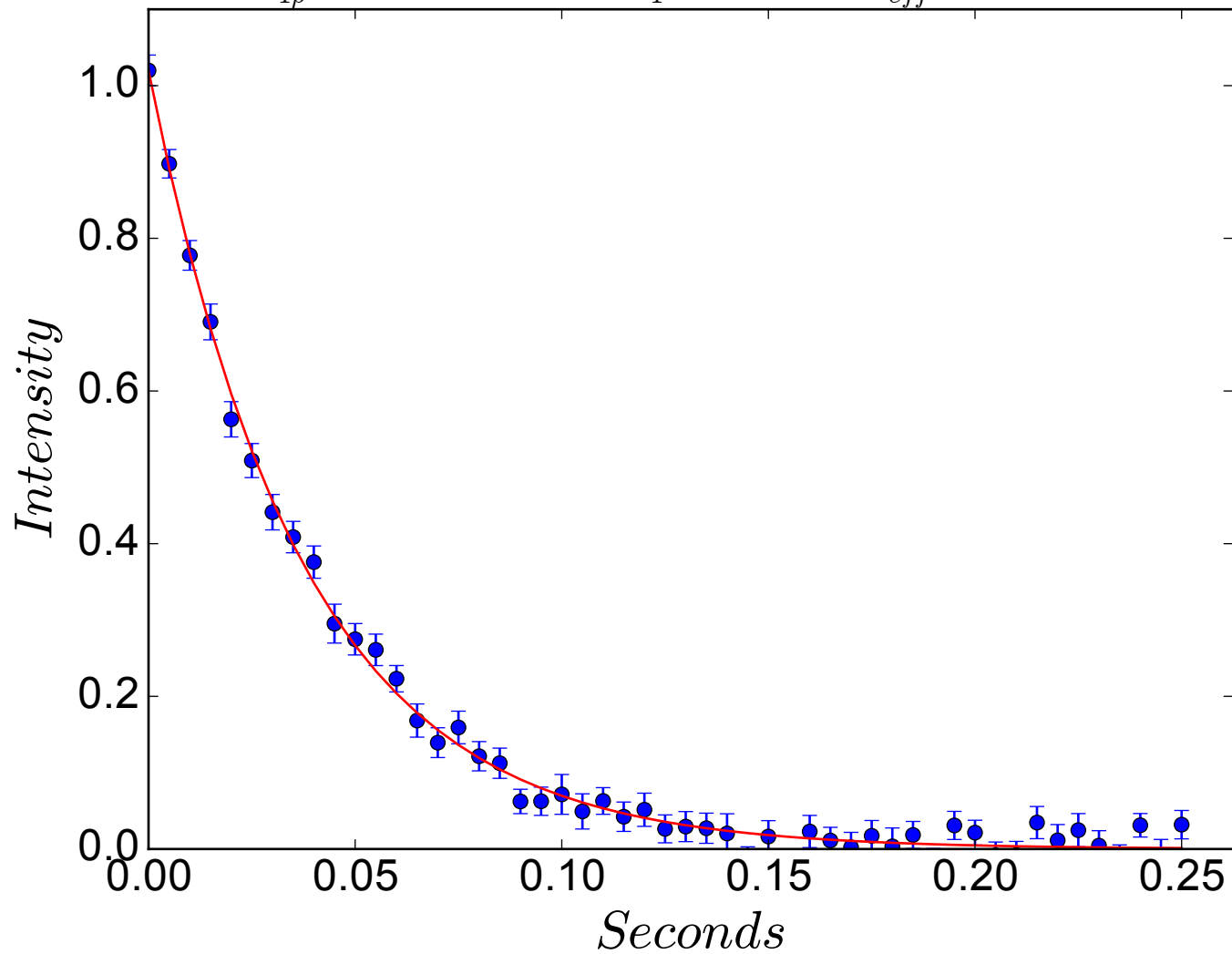
$$R_{1\rho} = 23.5 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -518 \text{ Hz}$$



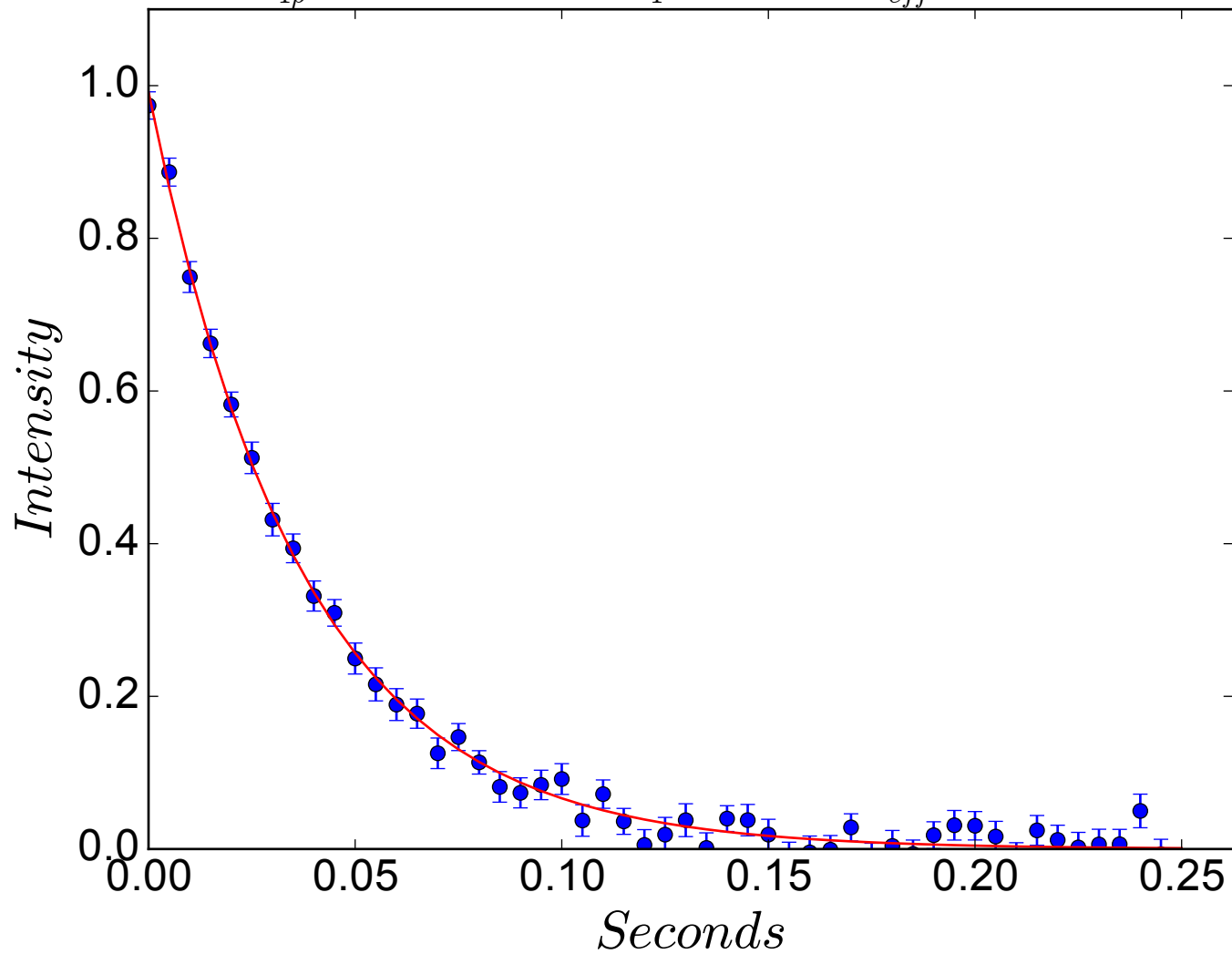
$$R_{1\rho} = 25.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -508 \text{ Hz}$$



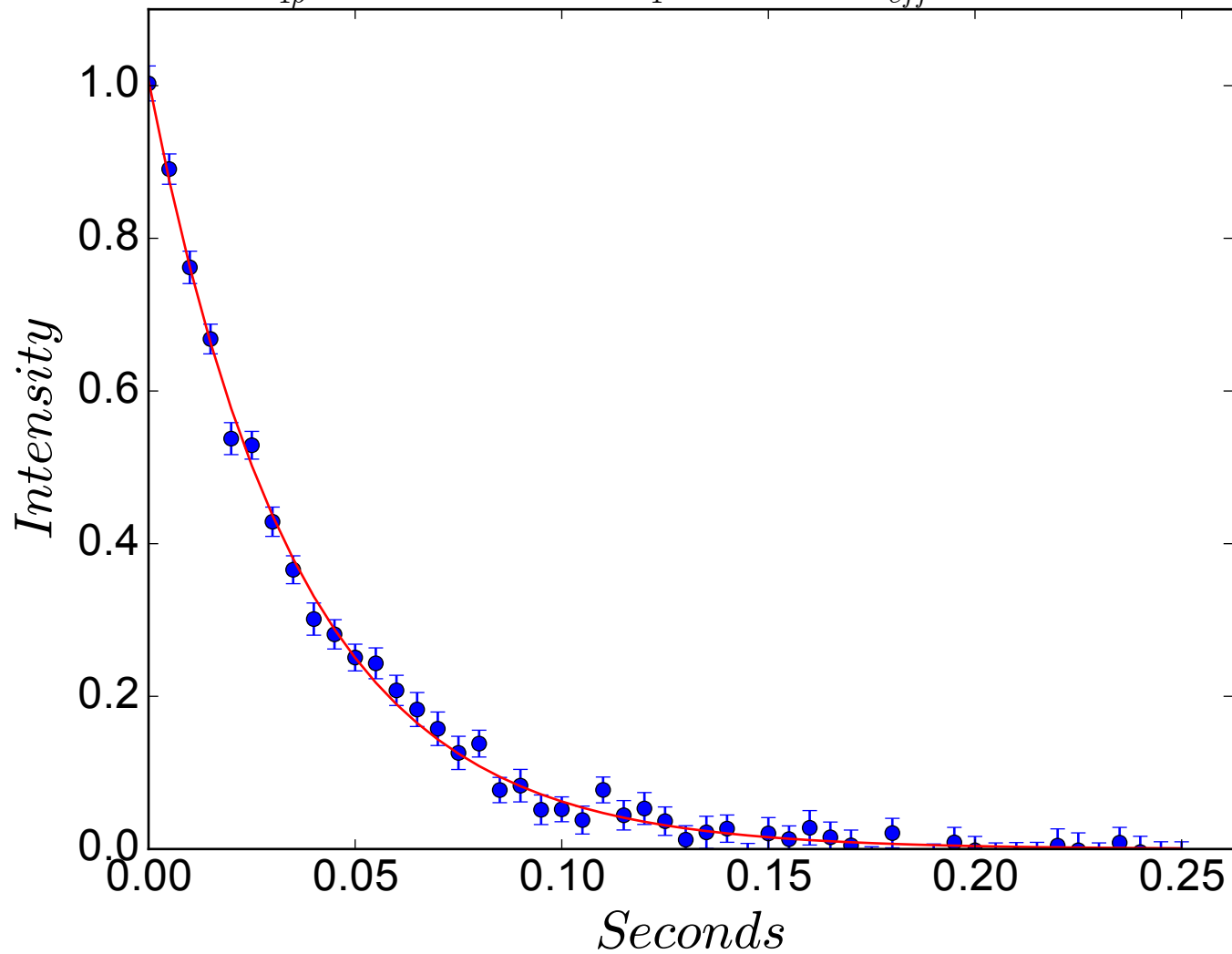
$$R_{1\rho} = 26.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -497 \text{ Hz}$$



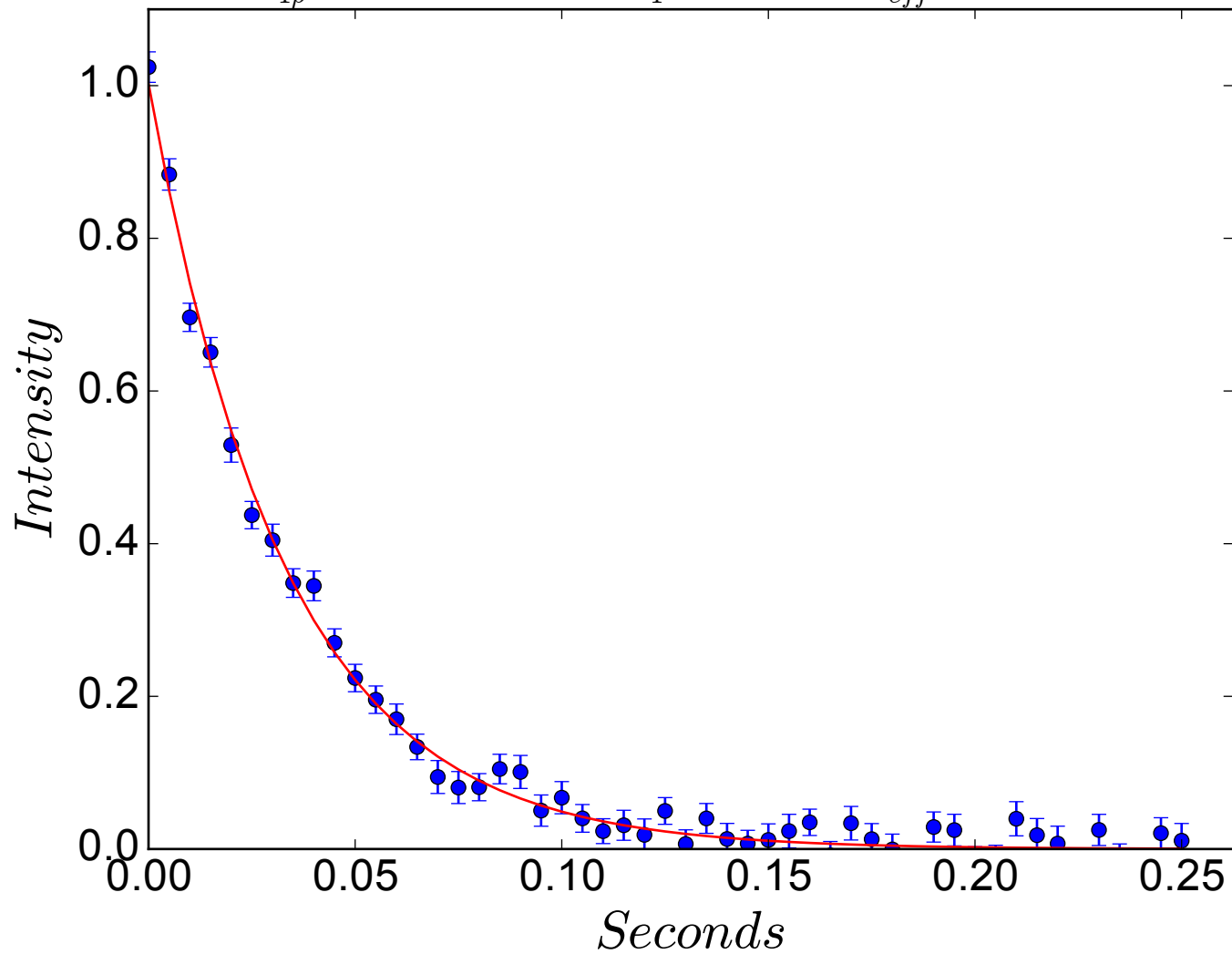
$$R_{1\rho} = 27.0 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -487 \text{ Hz}$$



$$R_{1\rho} = 27.8 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -477 \text{ Hz}$$

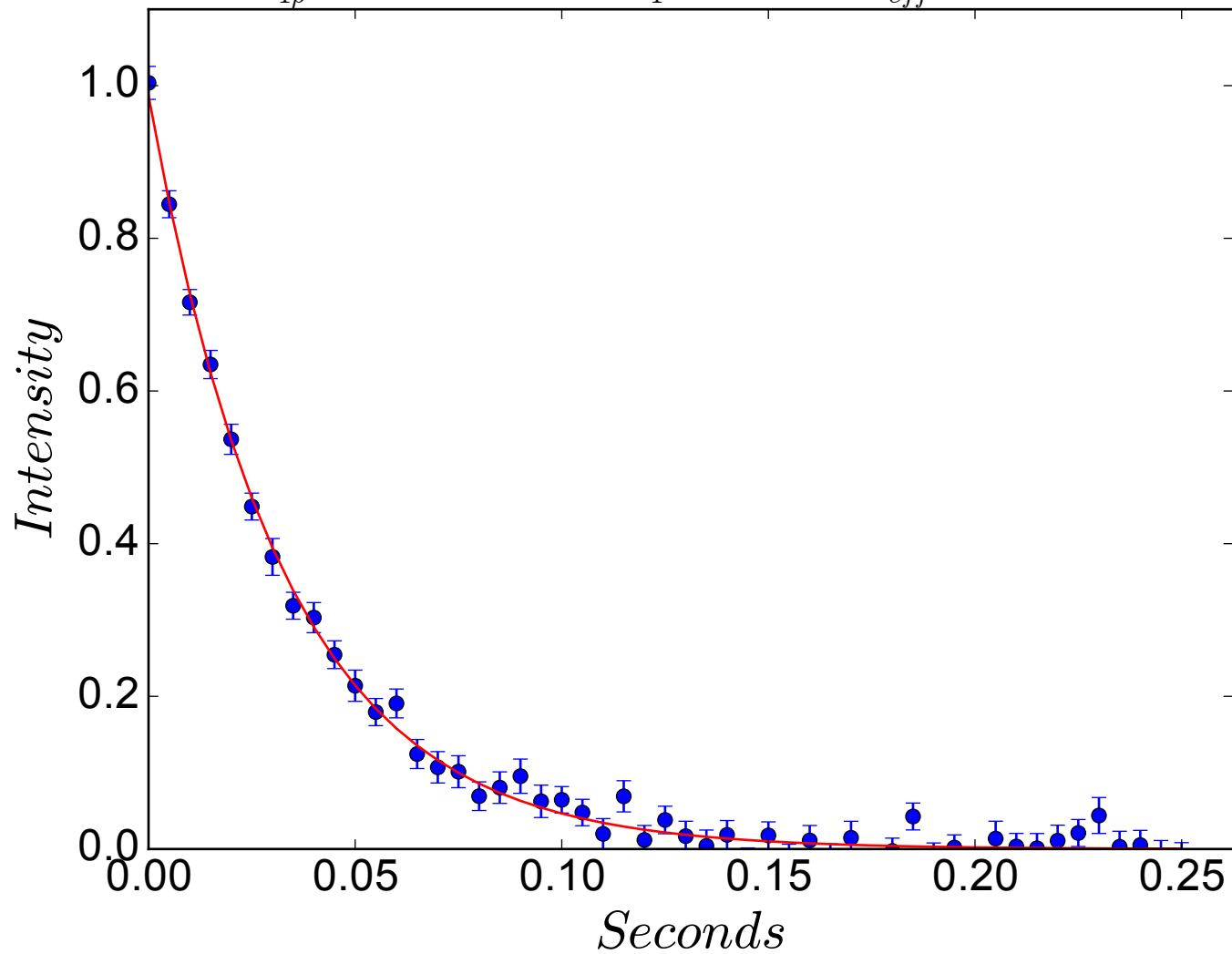


$$R_{1\rho} = 30.2 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -467 \text{ Hz}$$

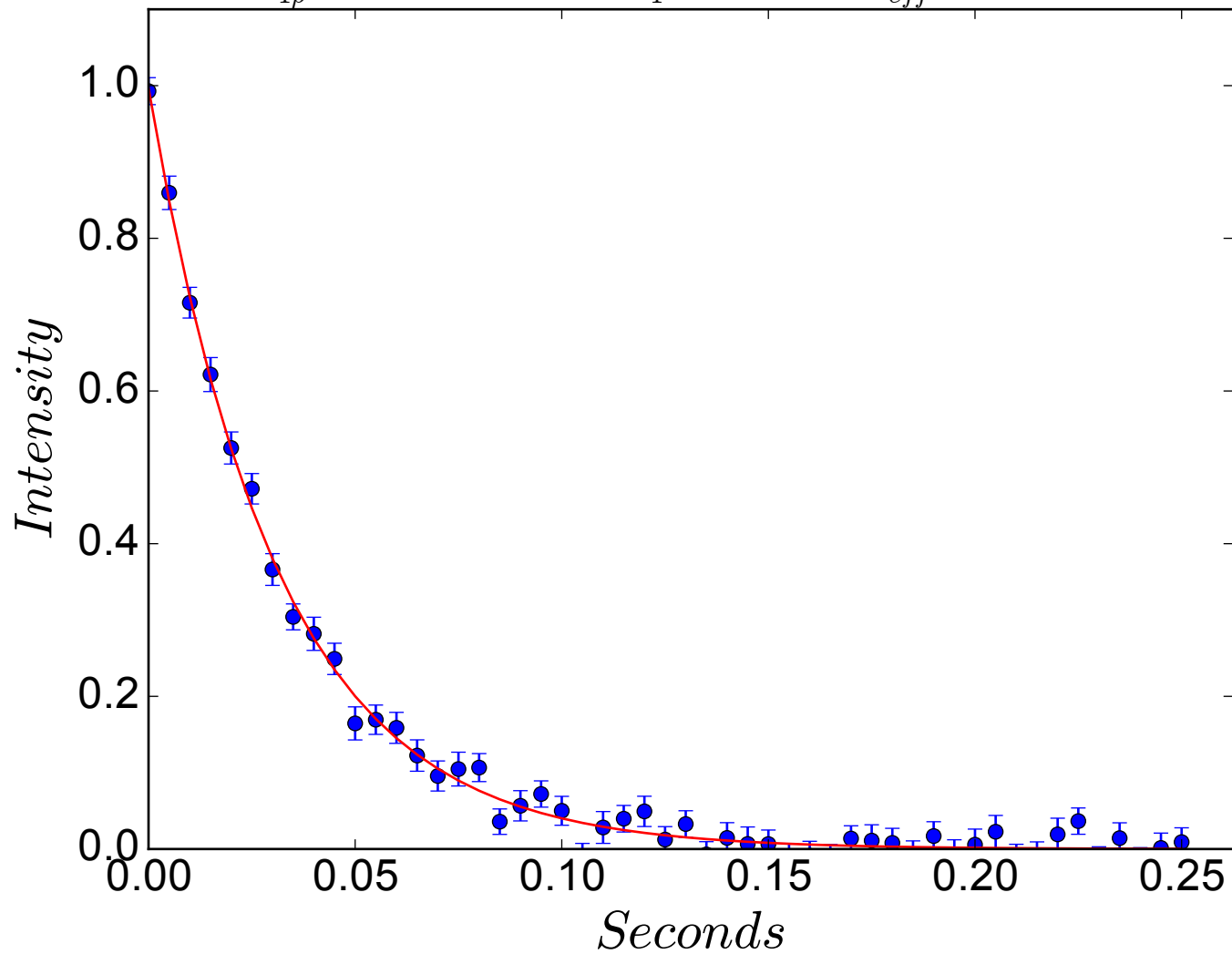




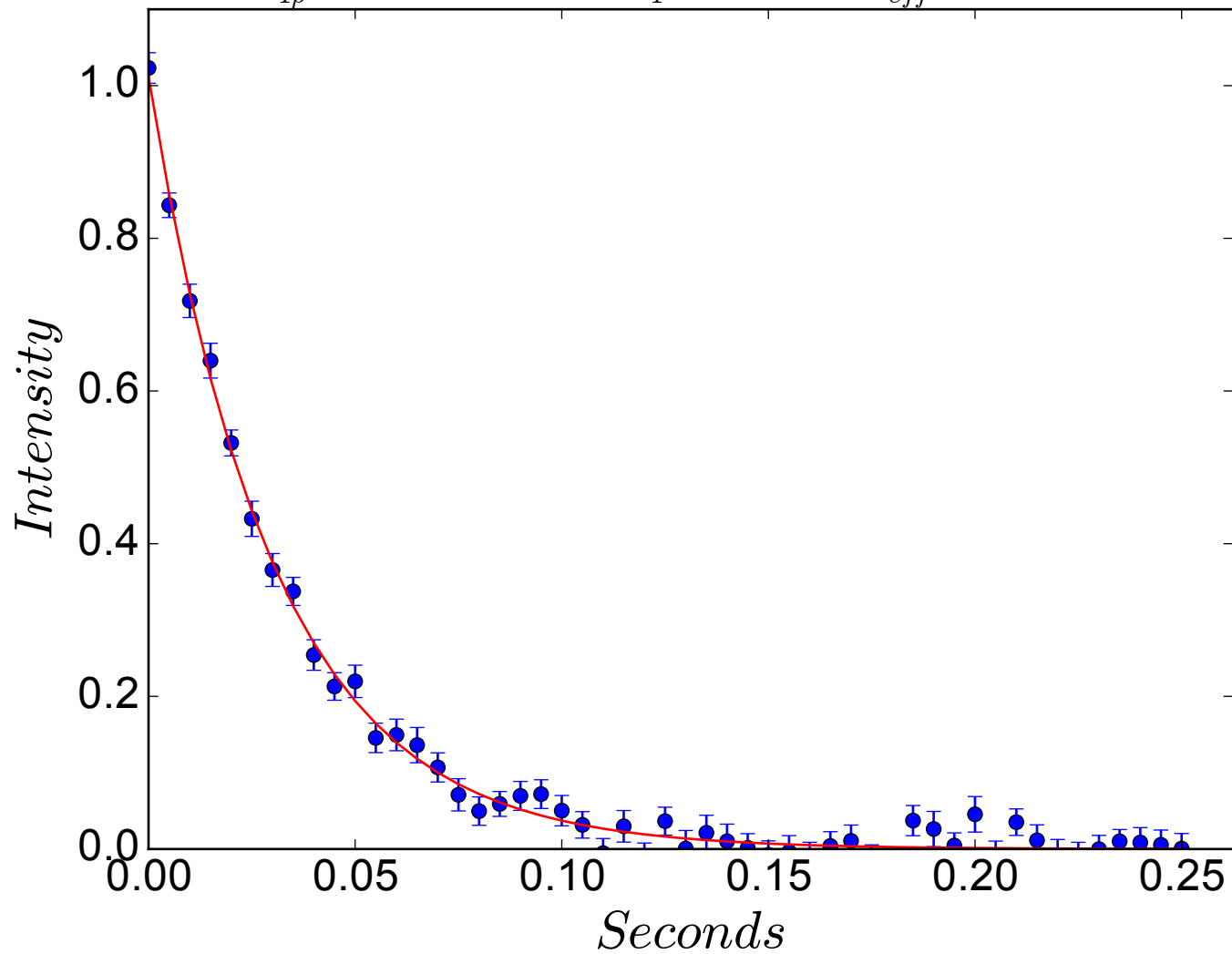
$$R_{1\rho} = 30.5 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -457 \text{ Hz}$$



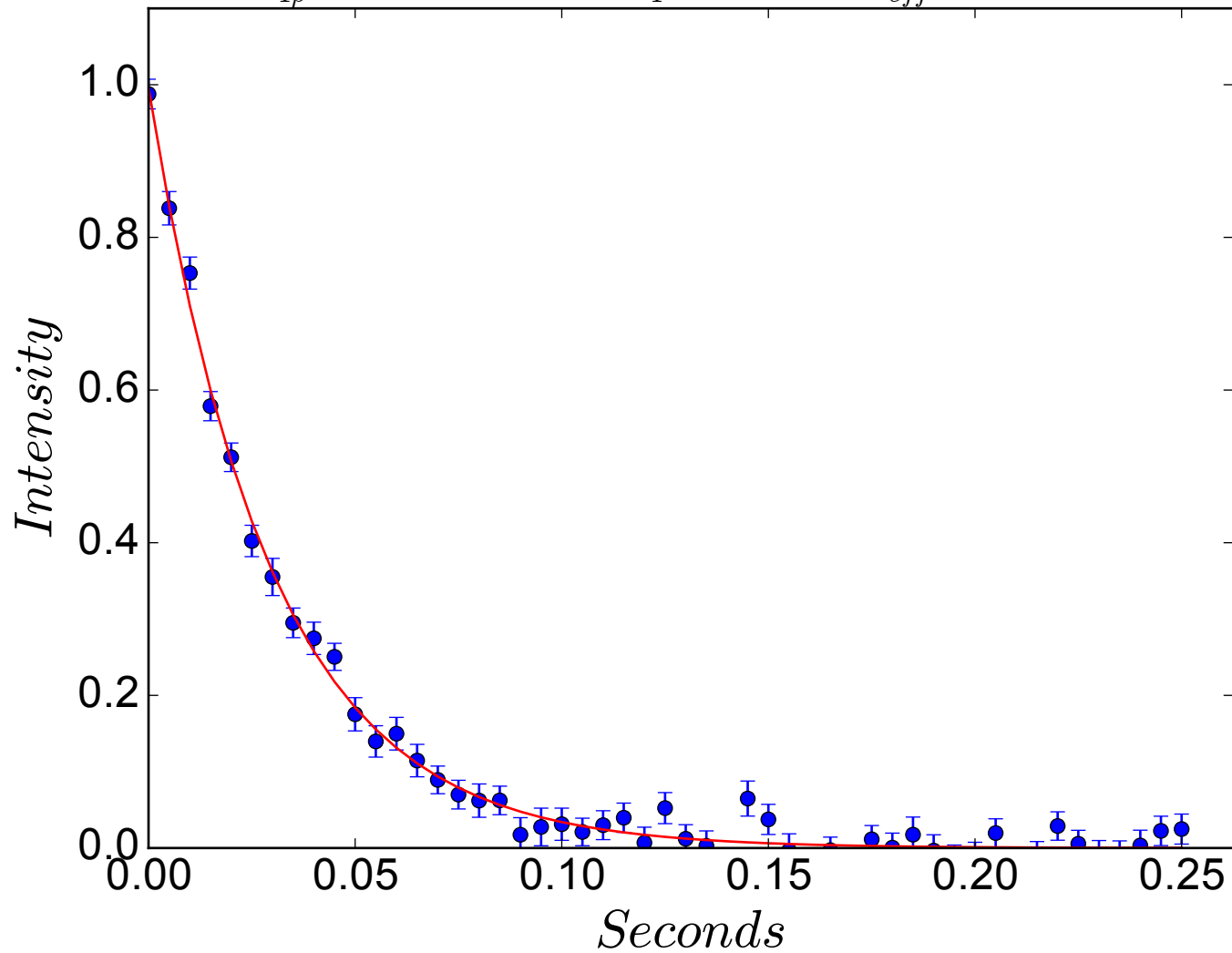
$$R_{1\rho} = 32.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -447 \text{ Hz}$$



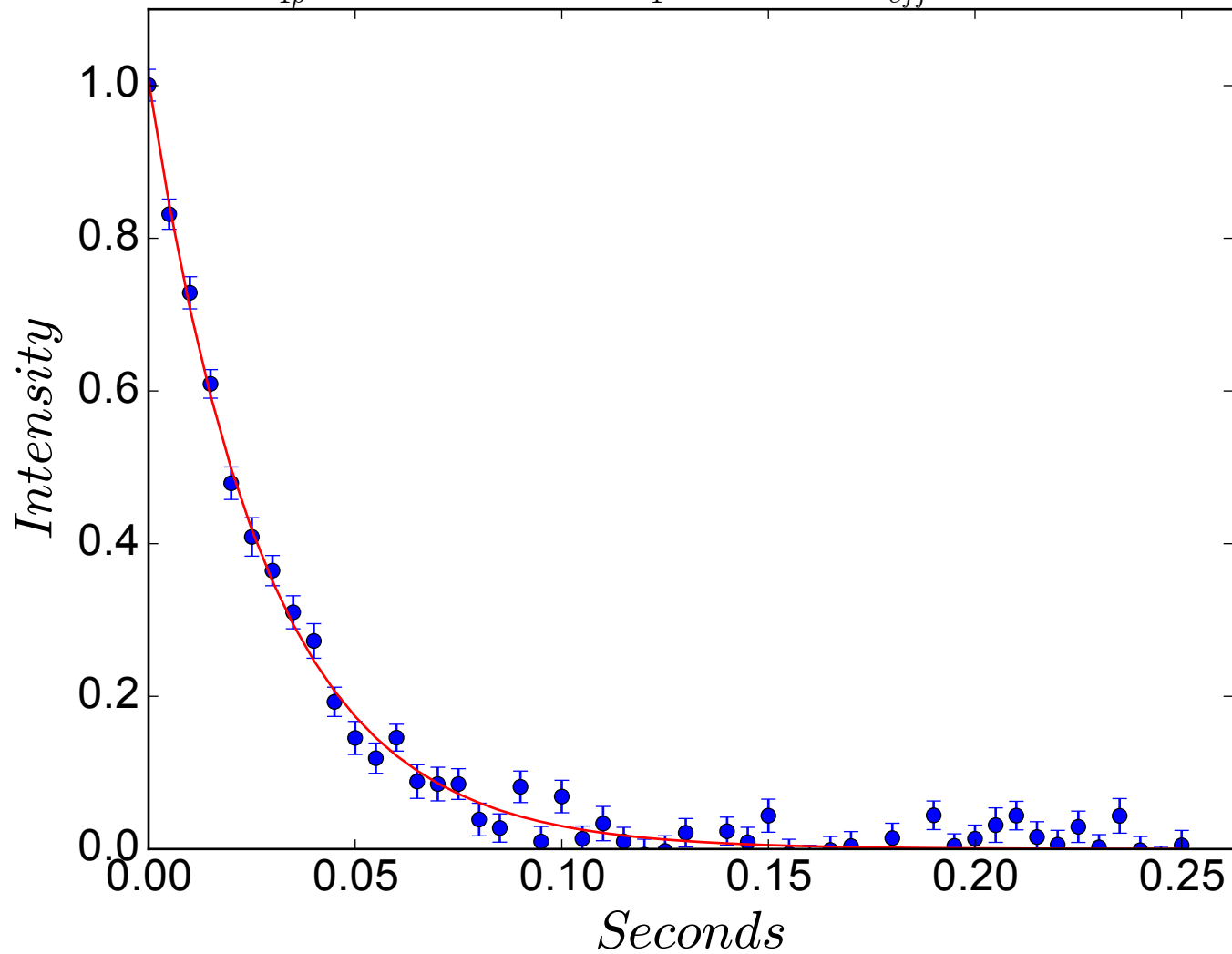
$$R_{1\rho} = 33.0 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -437 \text{ Hz}$$



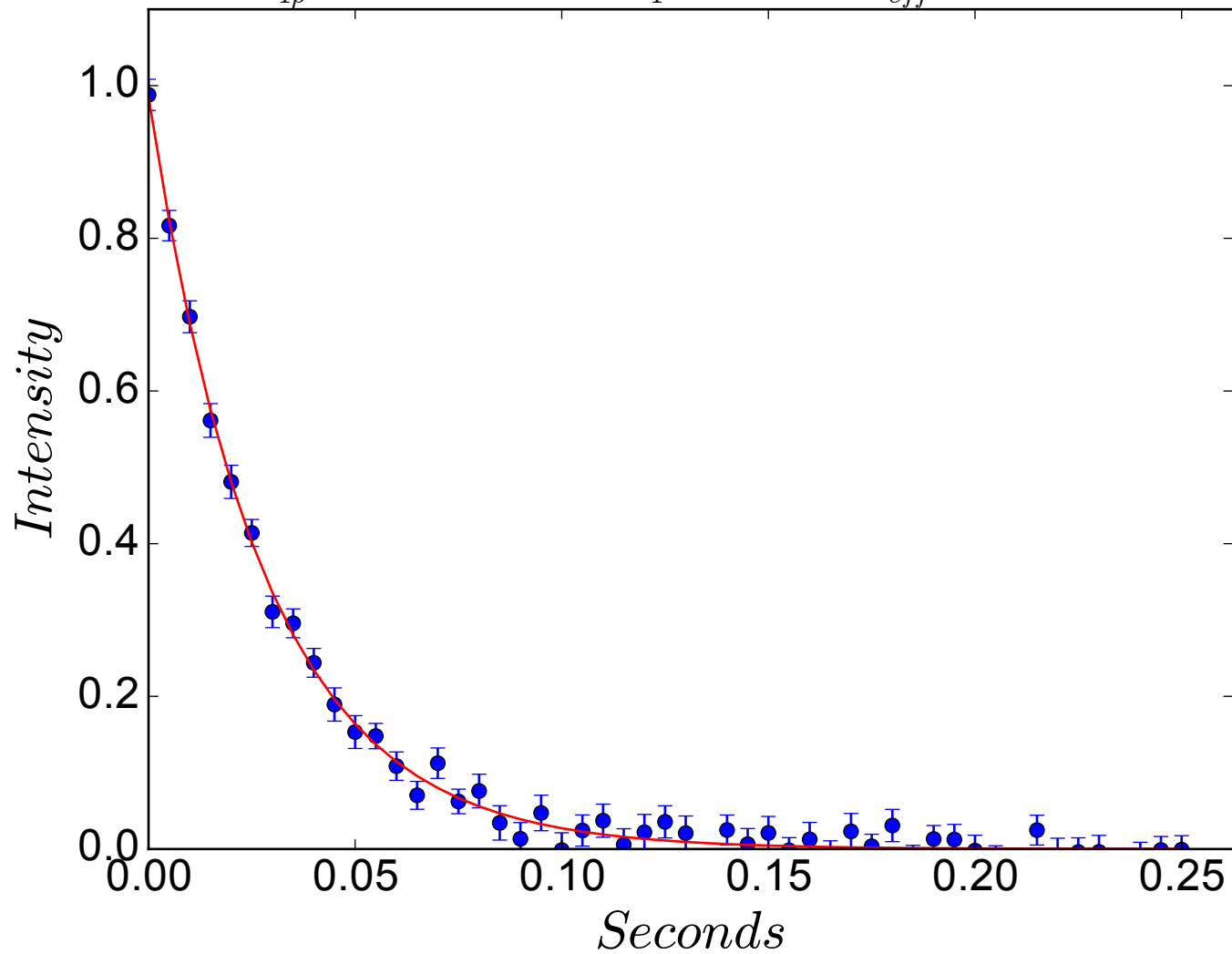
$$R_{1\rho} = 33.8 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -427 \text{ Hz}$$



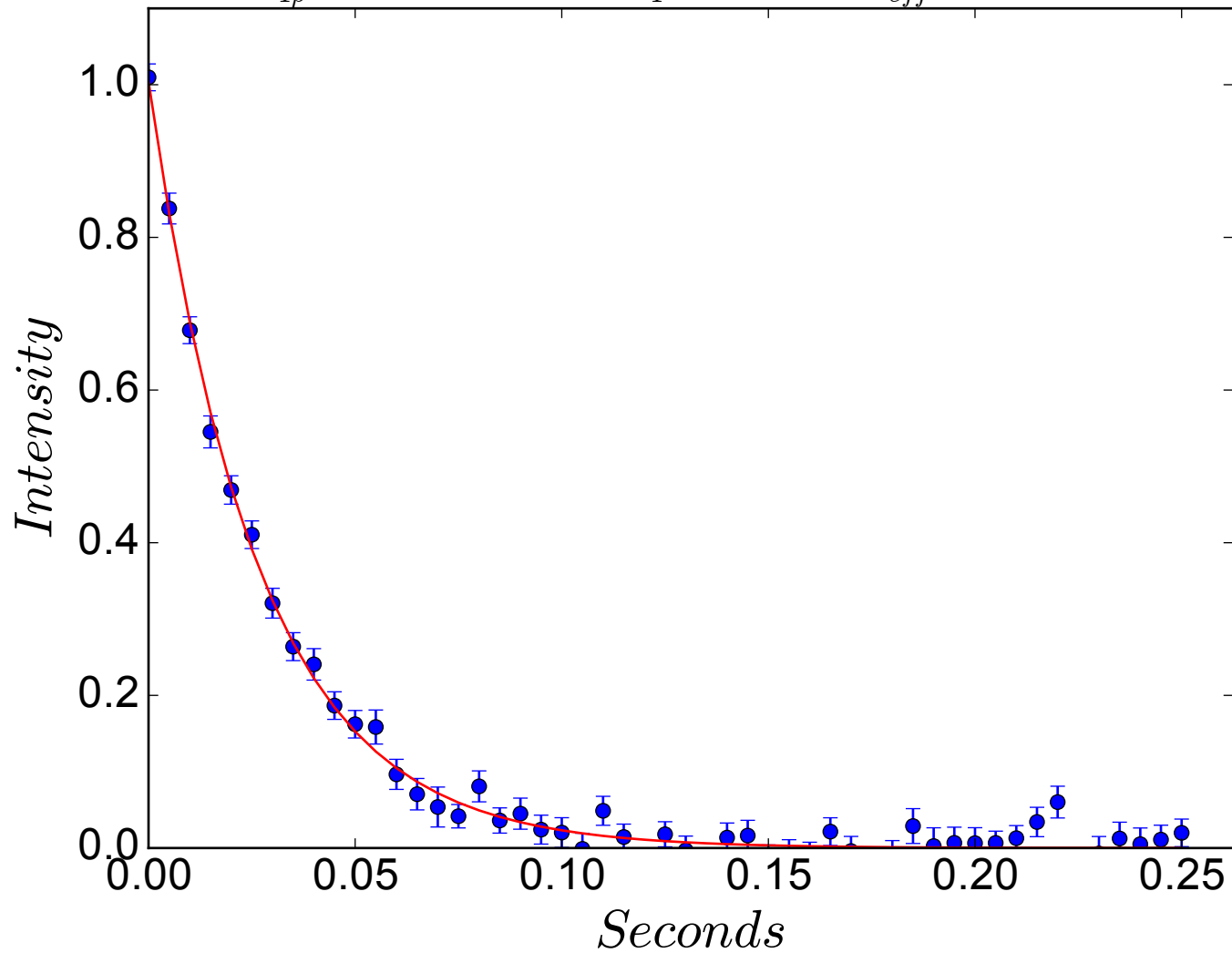
$$R_{1\rho} = 35.1 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -417 \text{ Hz}$$



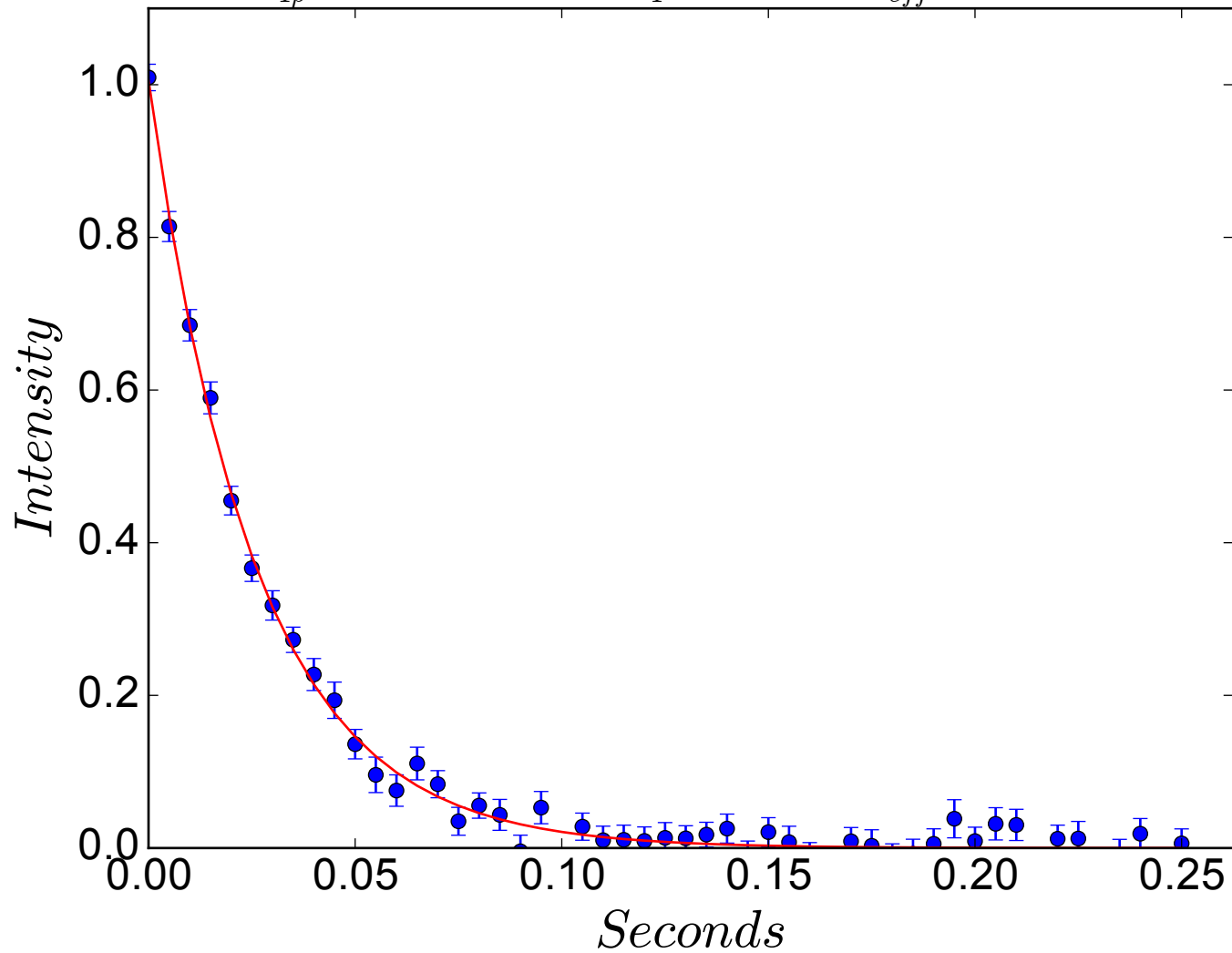
$$R_{1\rho} = 35.9 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -407 \text{ Hz}$$



$$R_{1\rho} = 37.7 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -397 \text{ Hz}$$

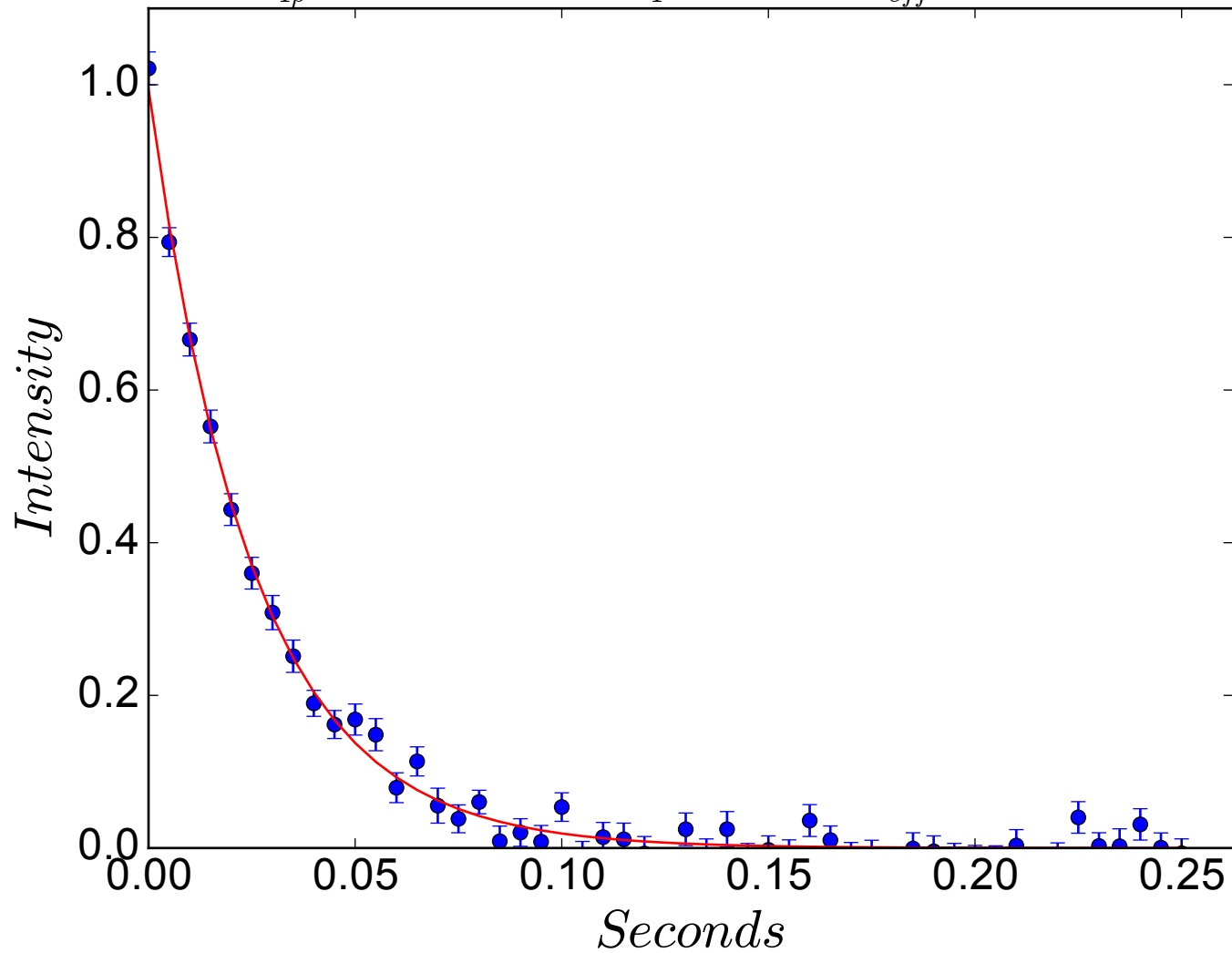


$$R_{1\rho} = 38.6 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -387 \text{ Hz}$$

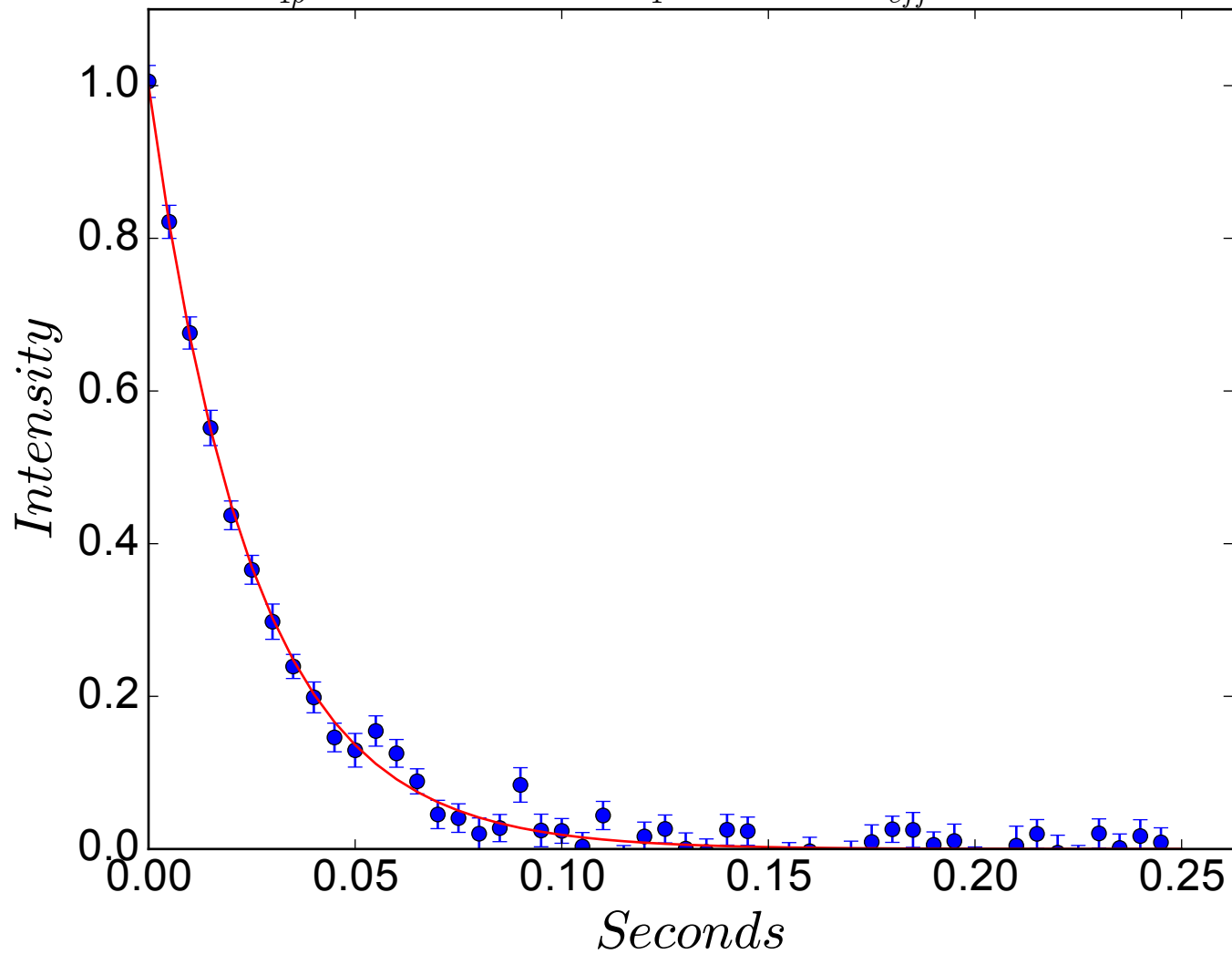




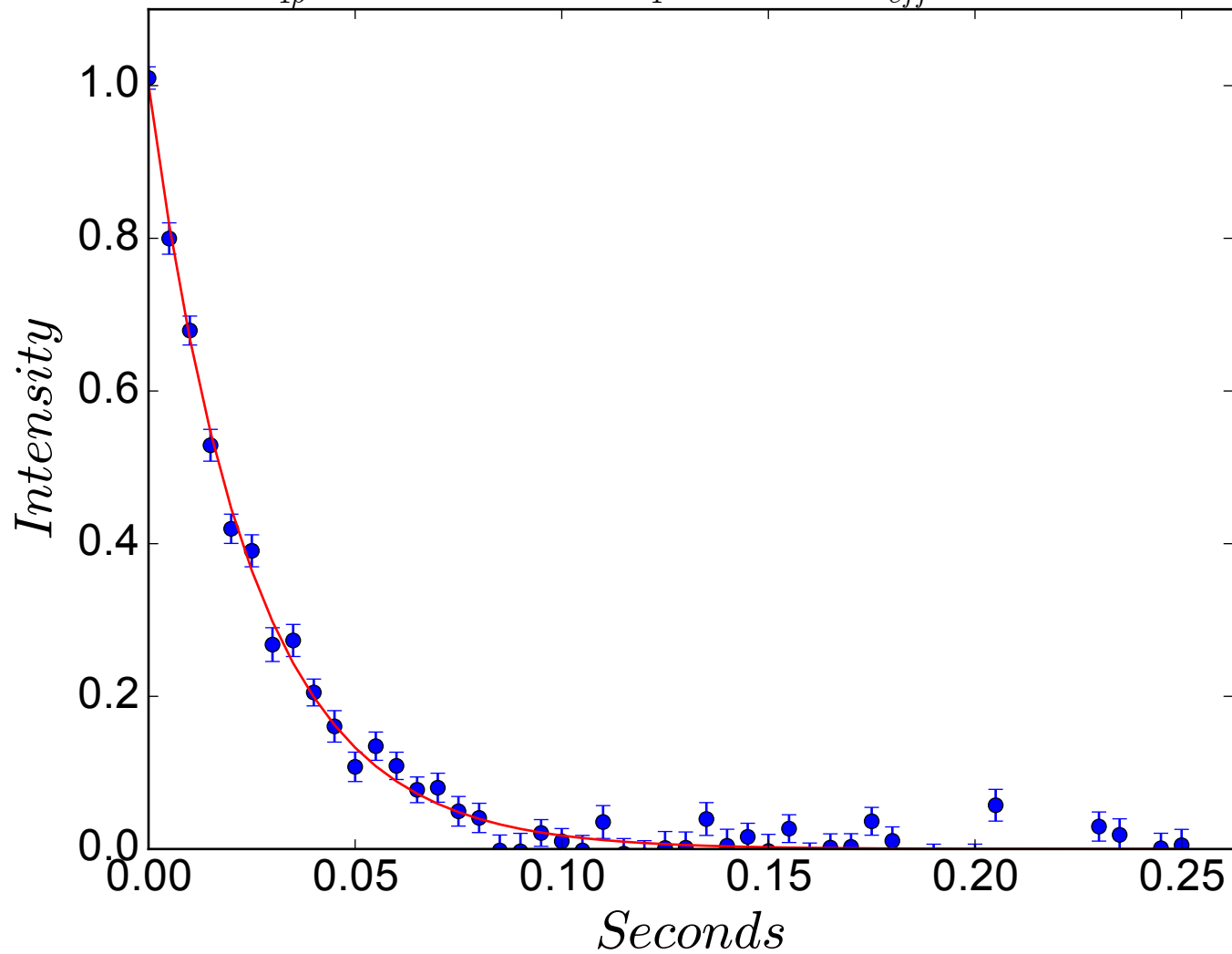
$$R_{1\rho} = 39.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -377 \text{ Hz}$$



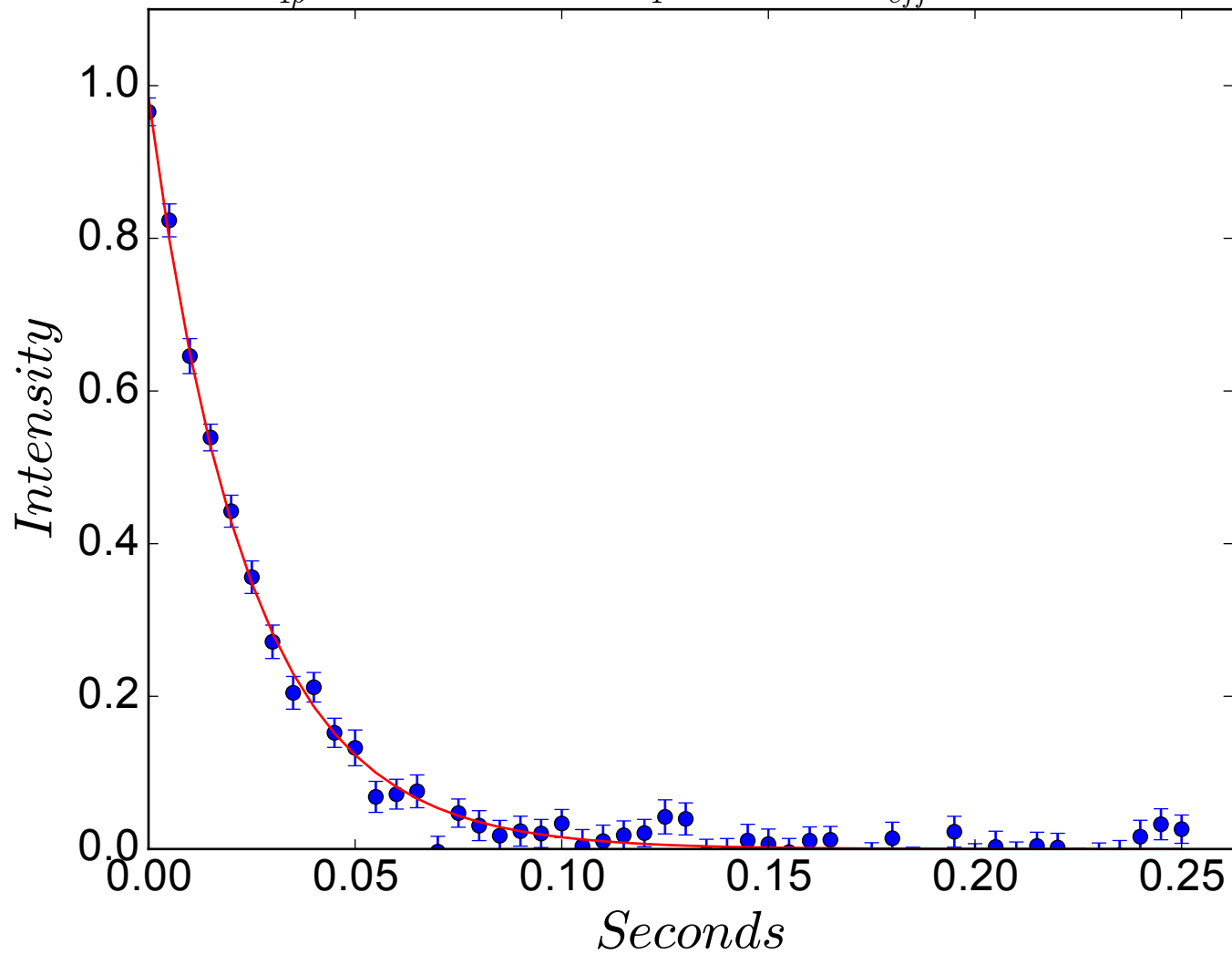
$$R_{1\rho} = 39.9 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -367 \text{ Hz}$$



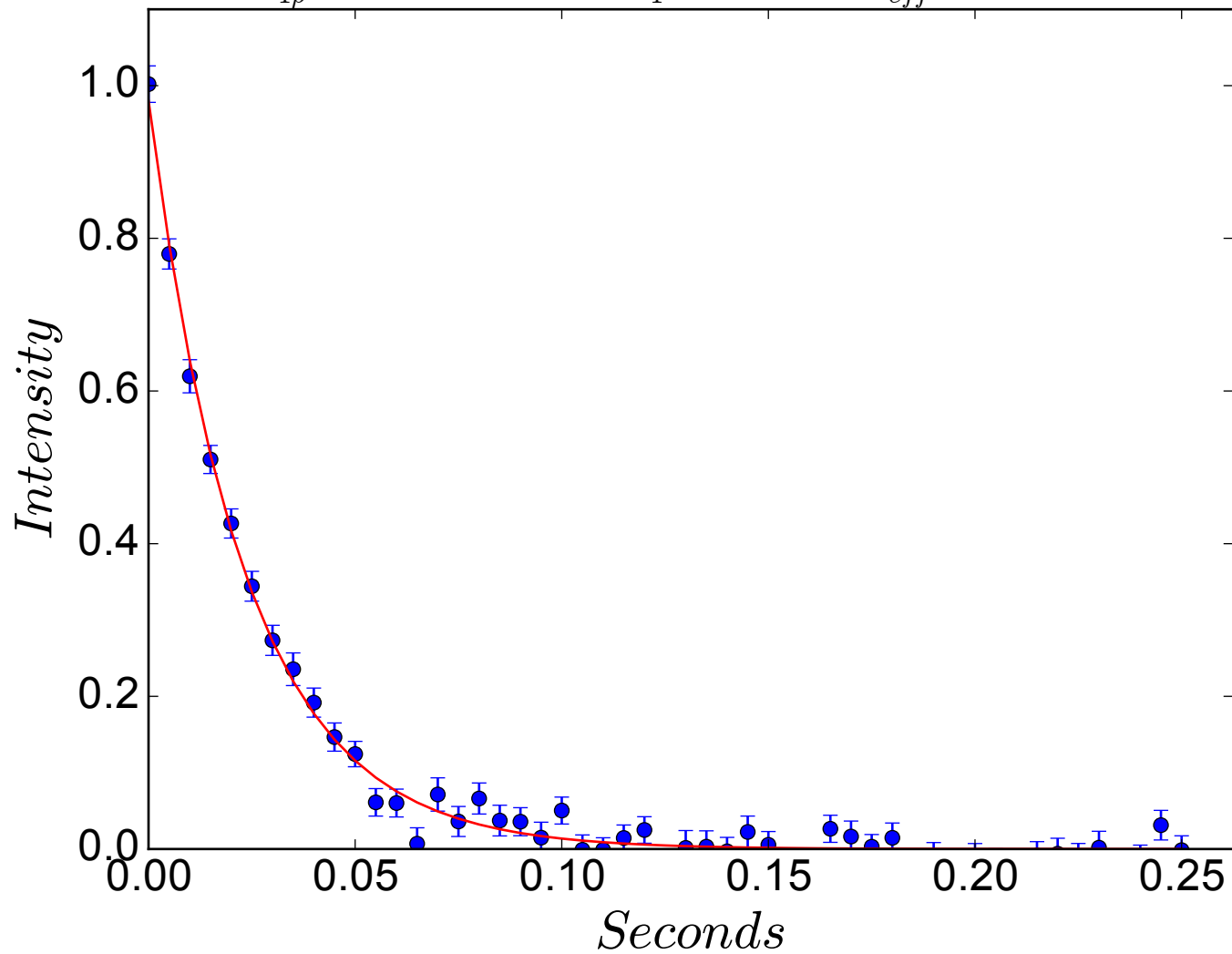
$$R_{1\rho} = 40.4 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -357 \text{ Hz}$$



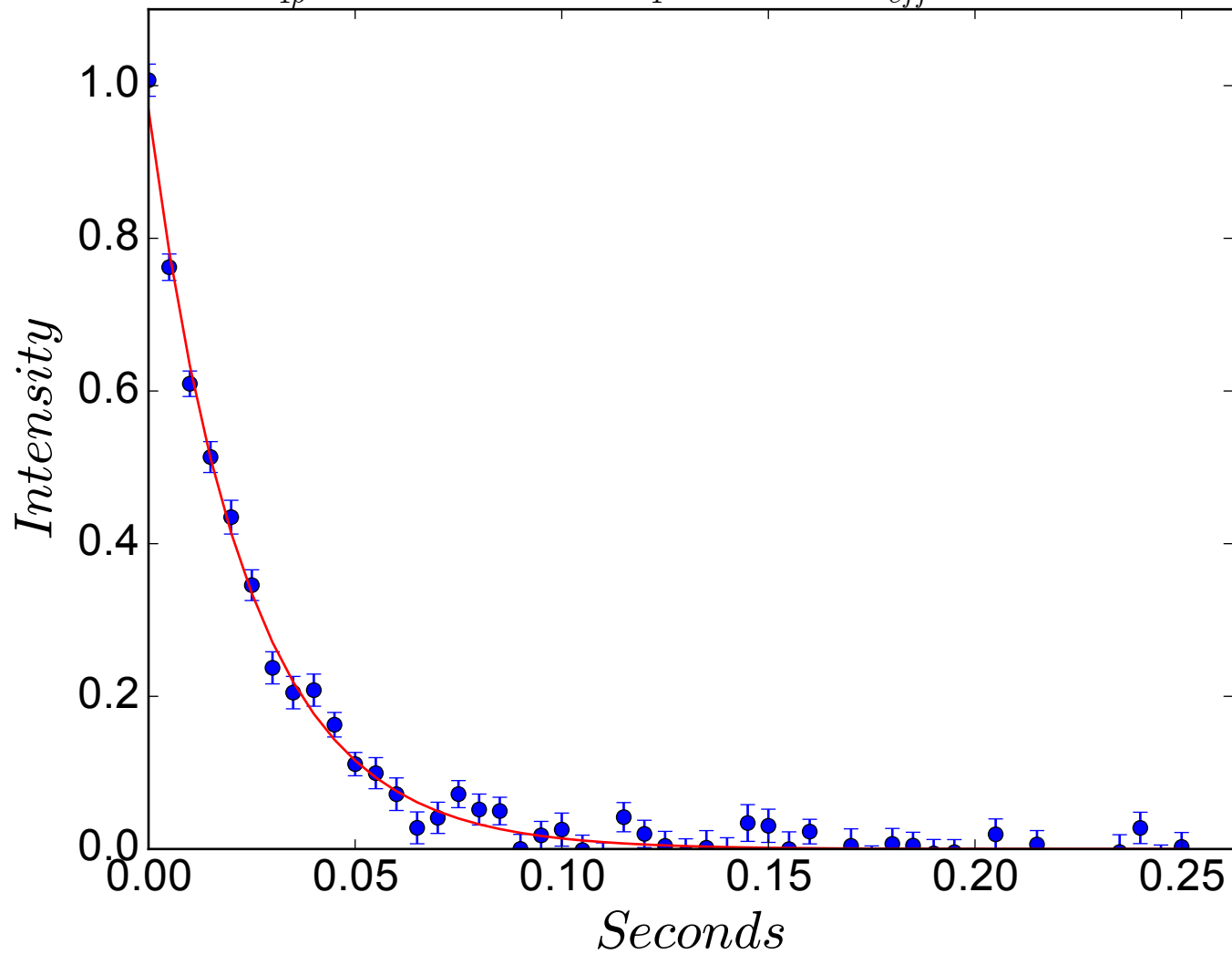
$$R_{1\rho} = 41.6 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -347 \text{ Hz}$$



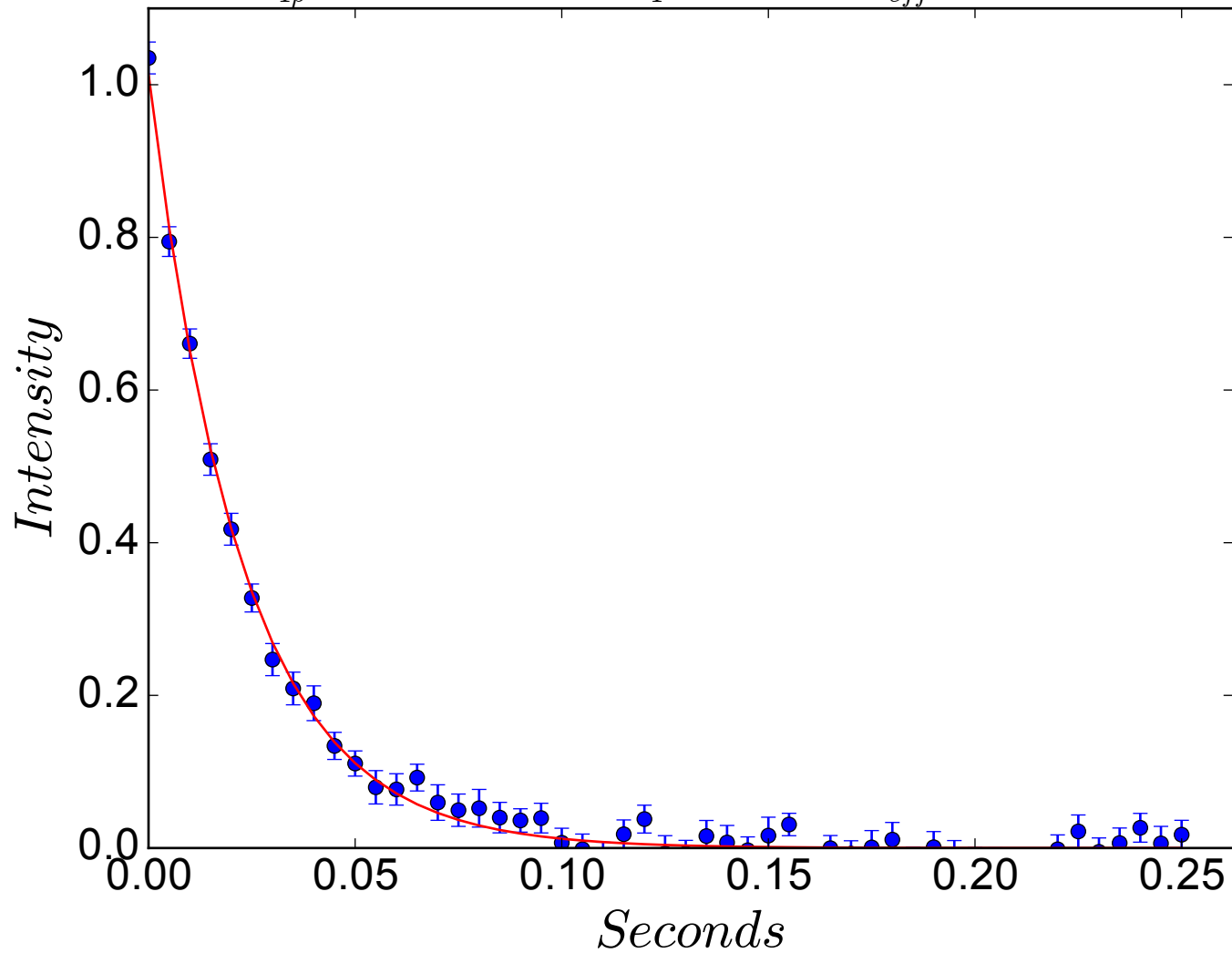
$$R_{1\rho} = 42.7 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -337 \text{ Hz}$$



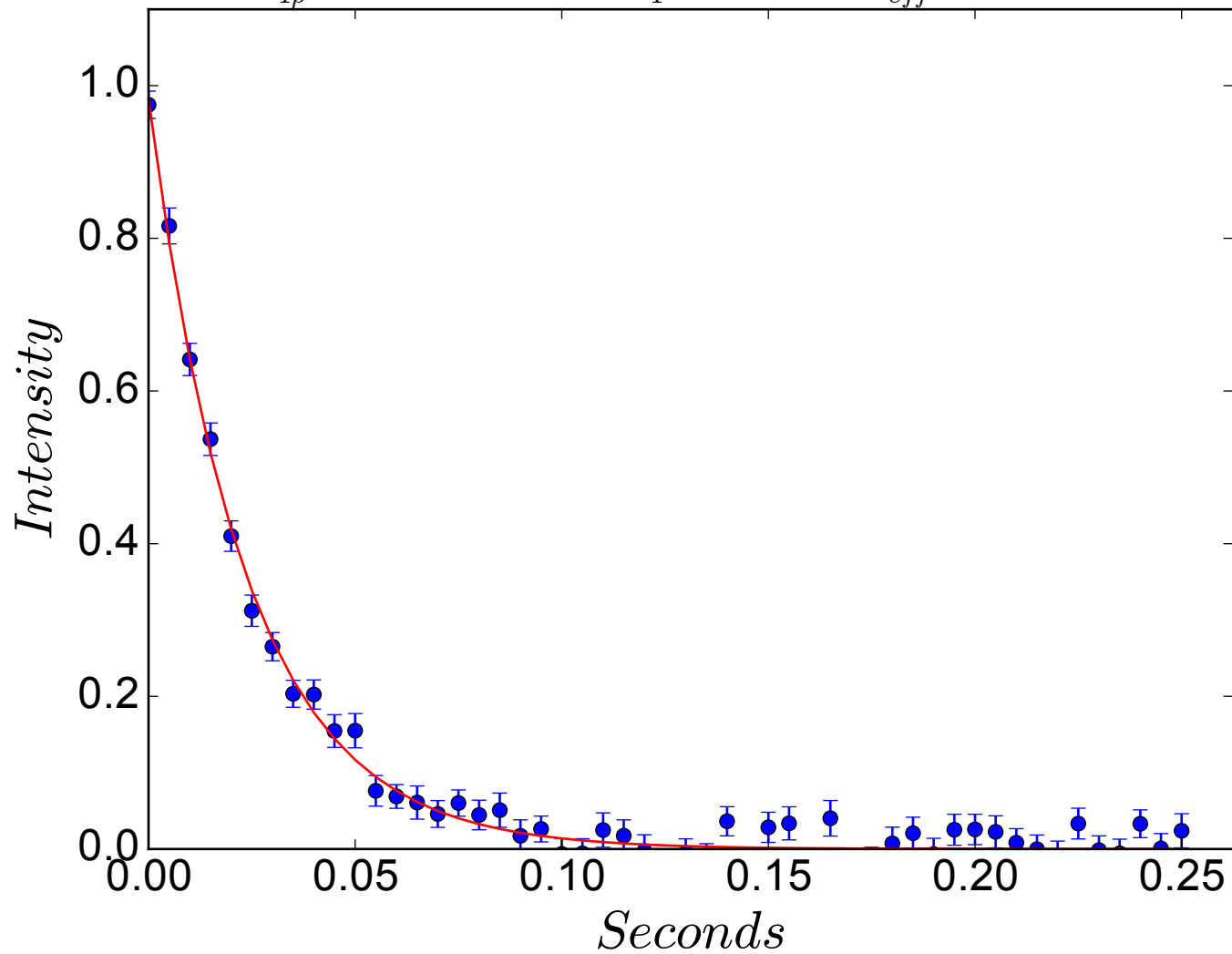
$$R_{1\rho} = 42.5 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -327 \text{ Hz}$$



$$R_{1\rho} = 44.2 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -317 \text{ Hz}$$

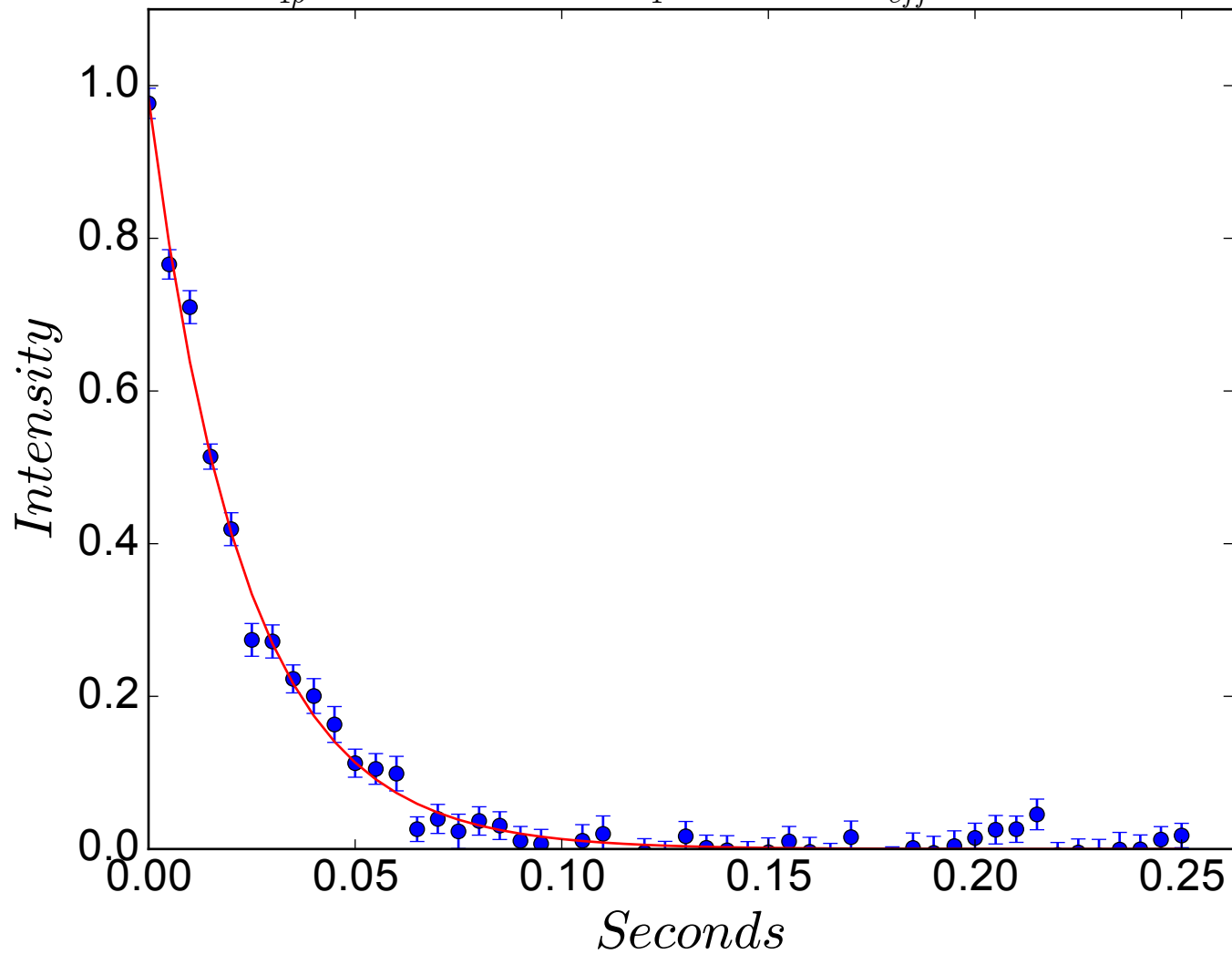


$$R_{1\rho} = 42.6 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -307 \text{ Hz}$$

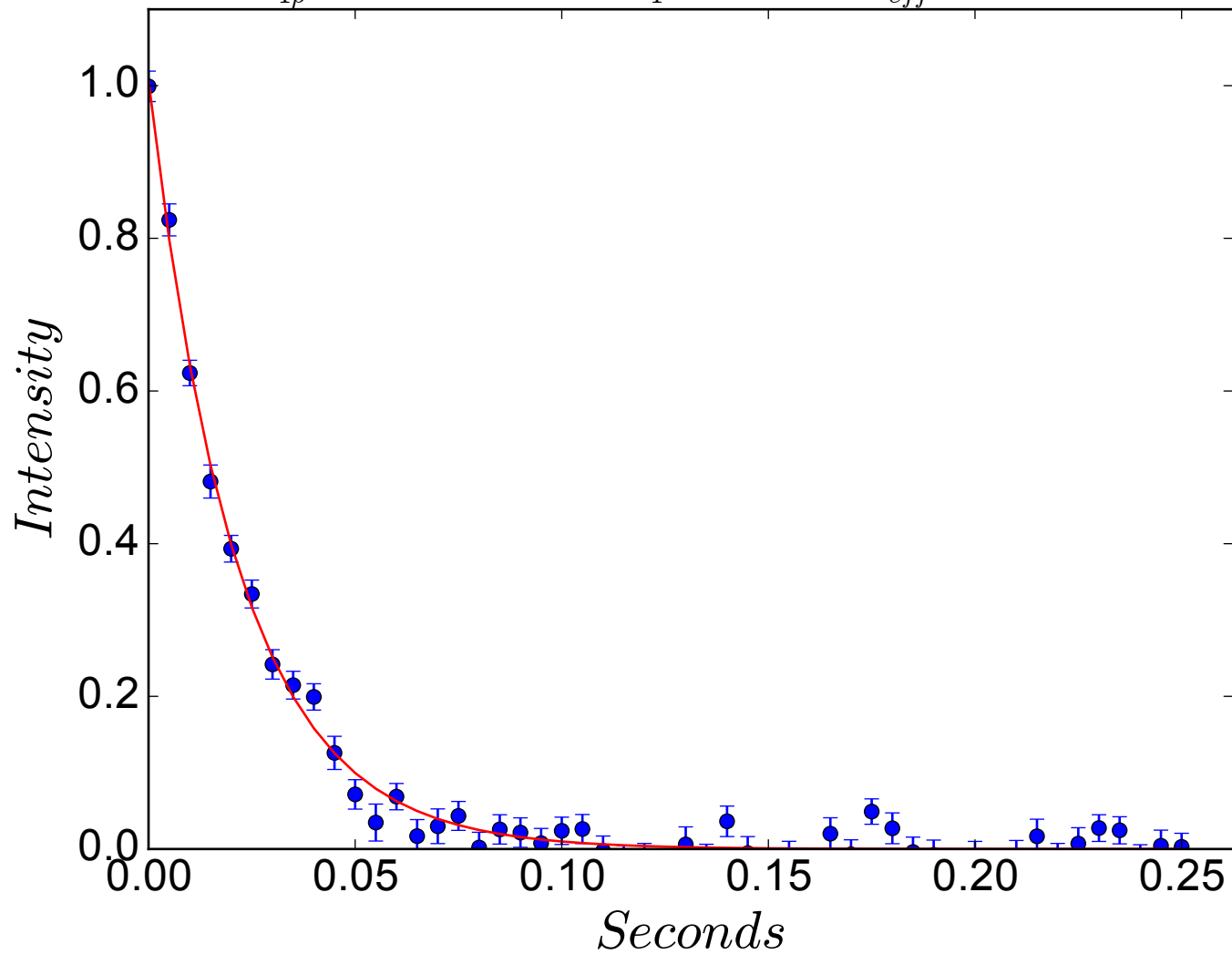




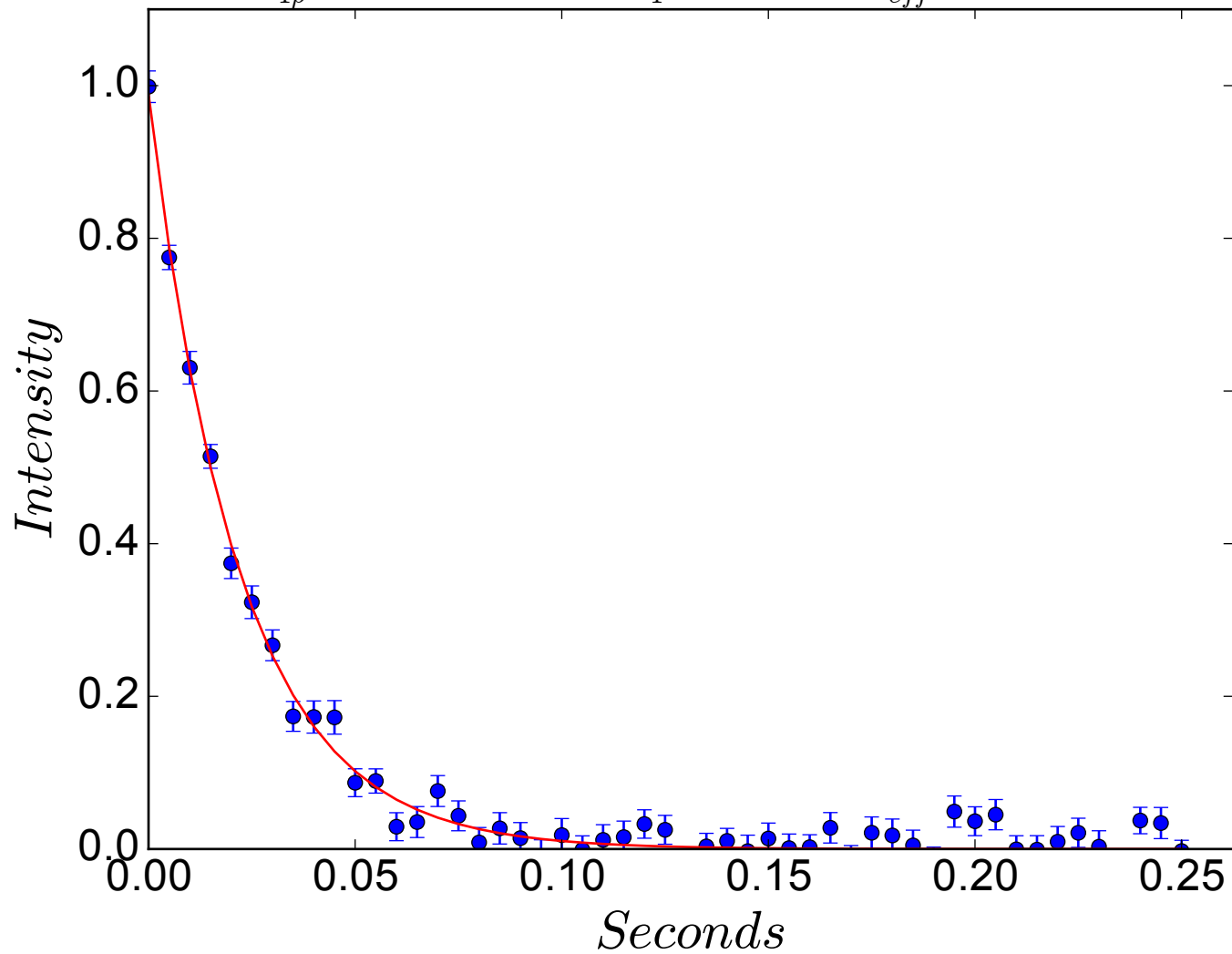
$$R_{1\rho} = 43.2 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -296 \text{ Hz}$$



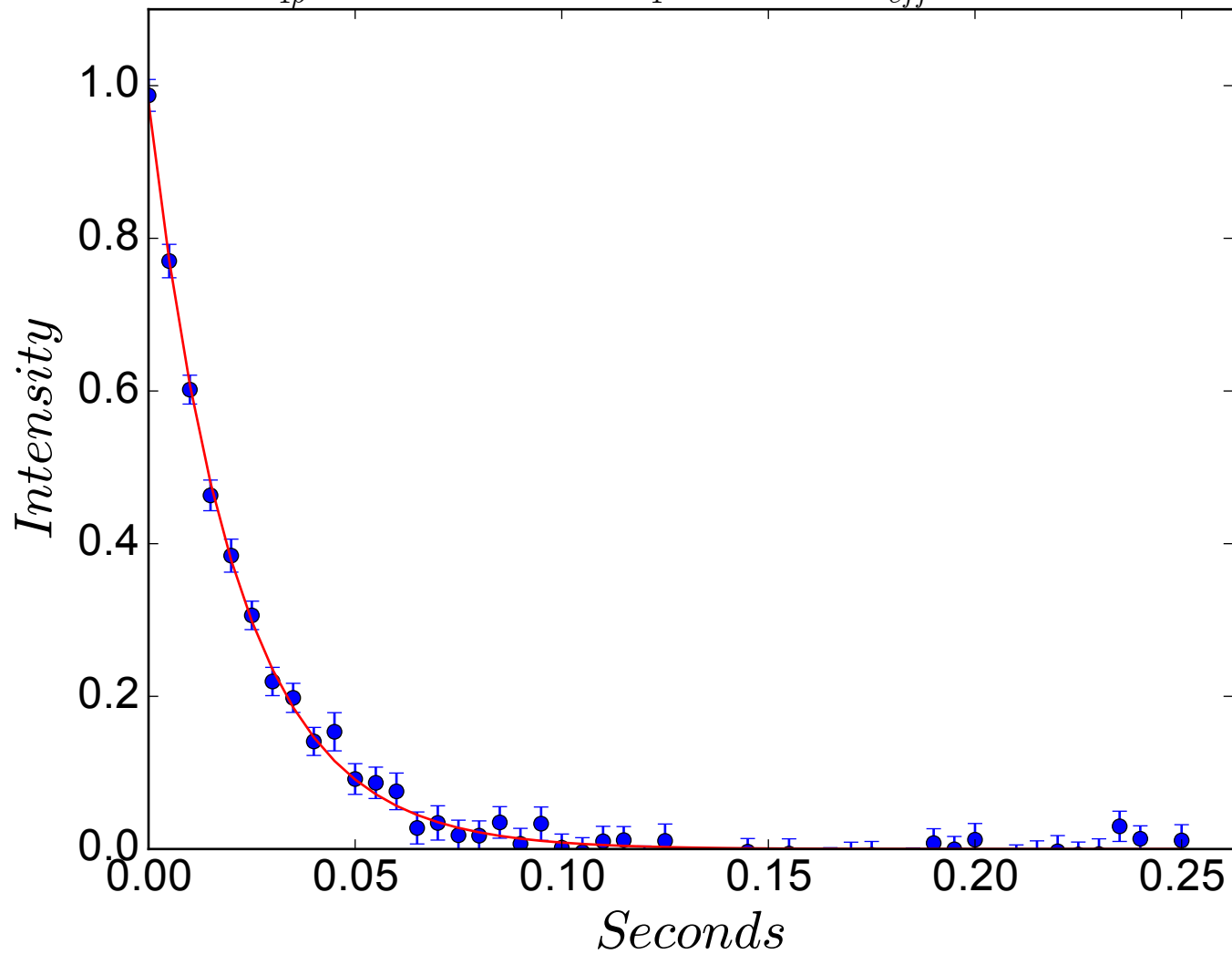
$$R_{1\rho} = 46.2 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -286 \text{ Hz}$$



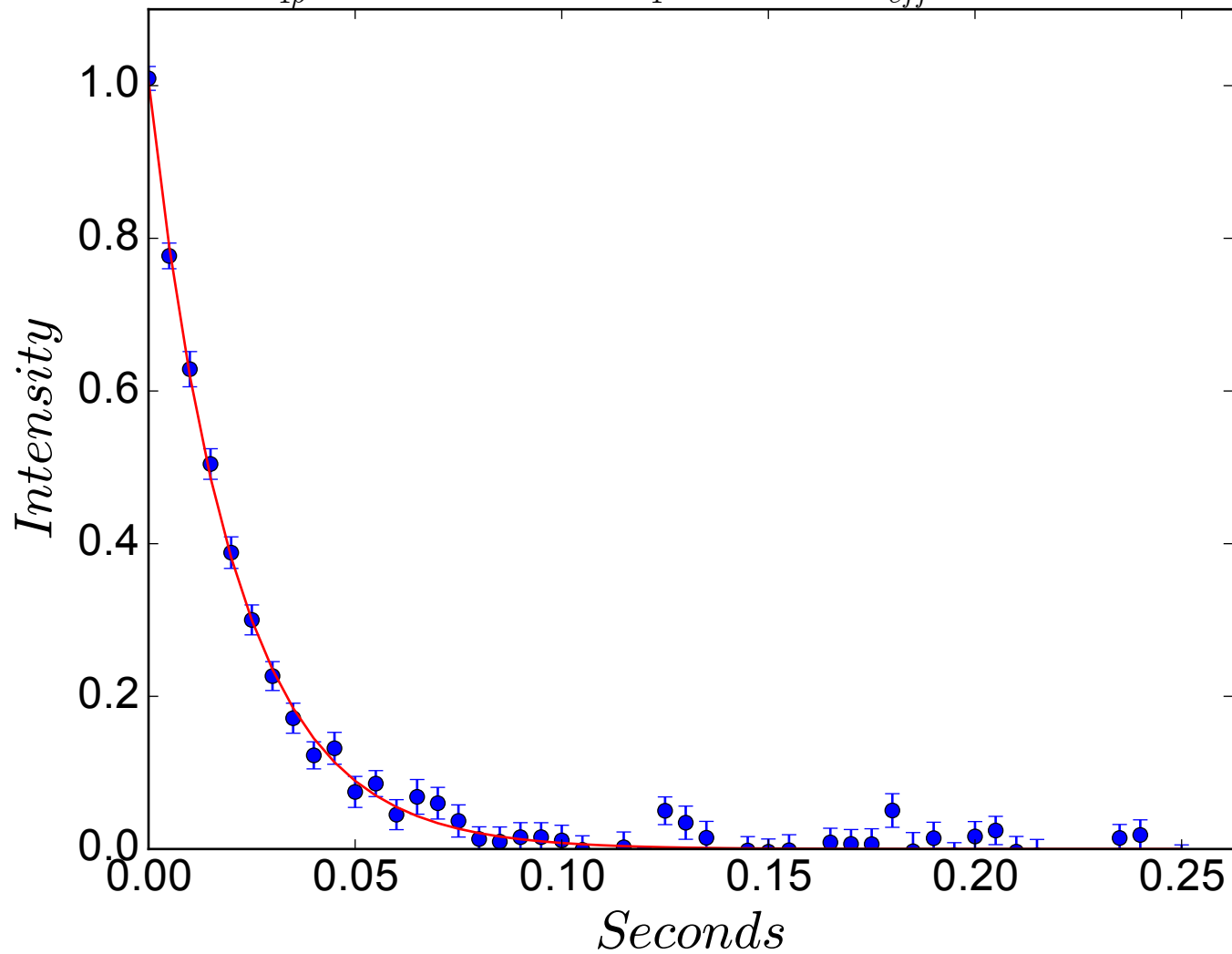
$$R_{1\rho} = 45.4 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -276 \text{ Hz}$$



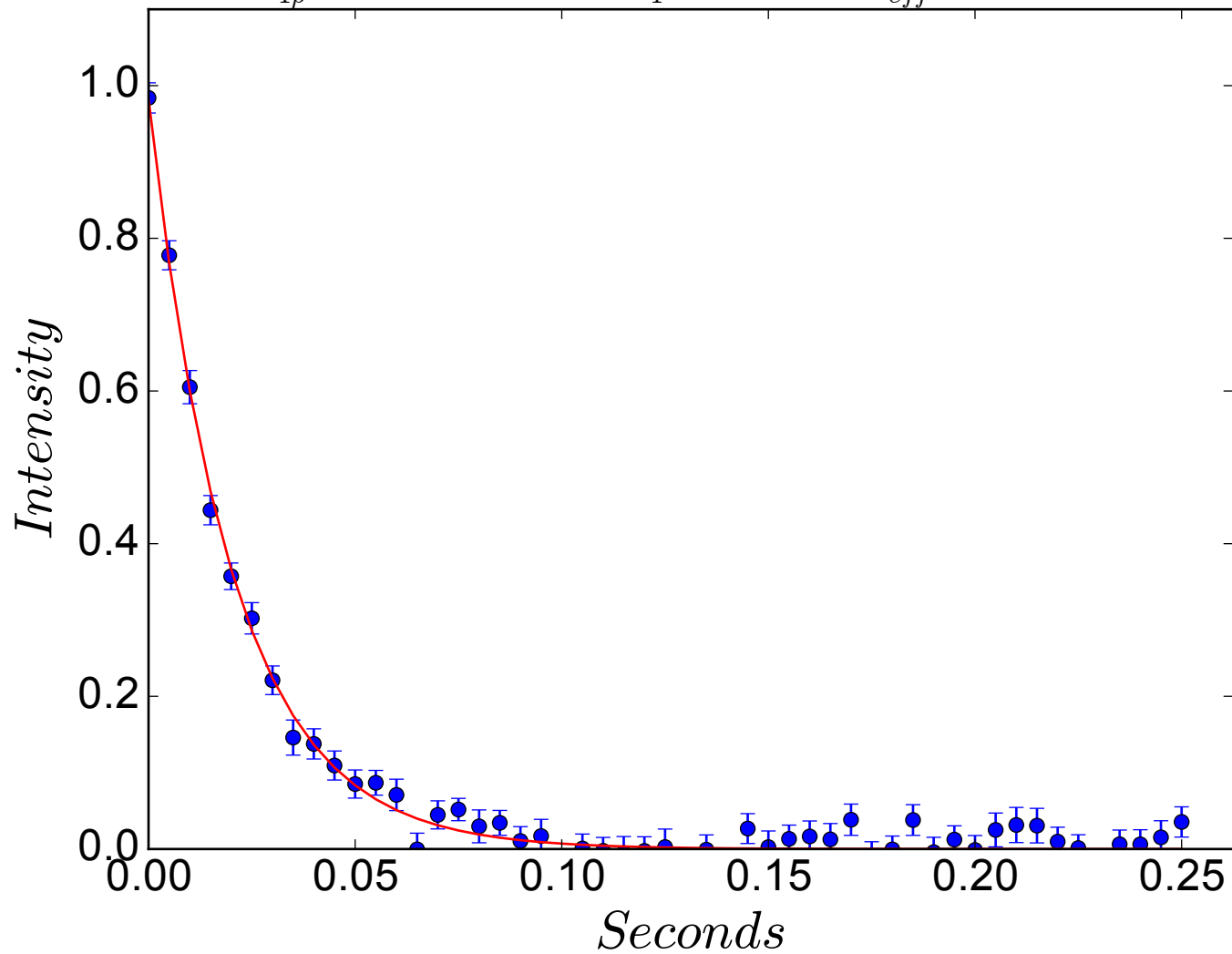
$$R_{1\rho} = 47.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -266 \text{ Hz}$$



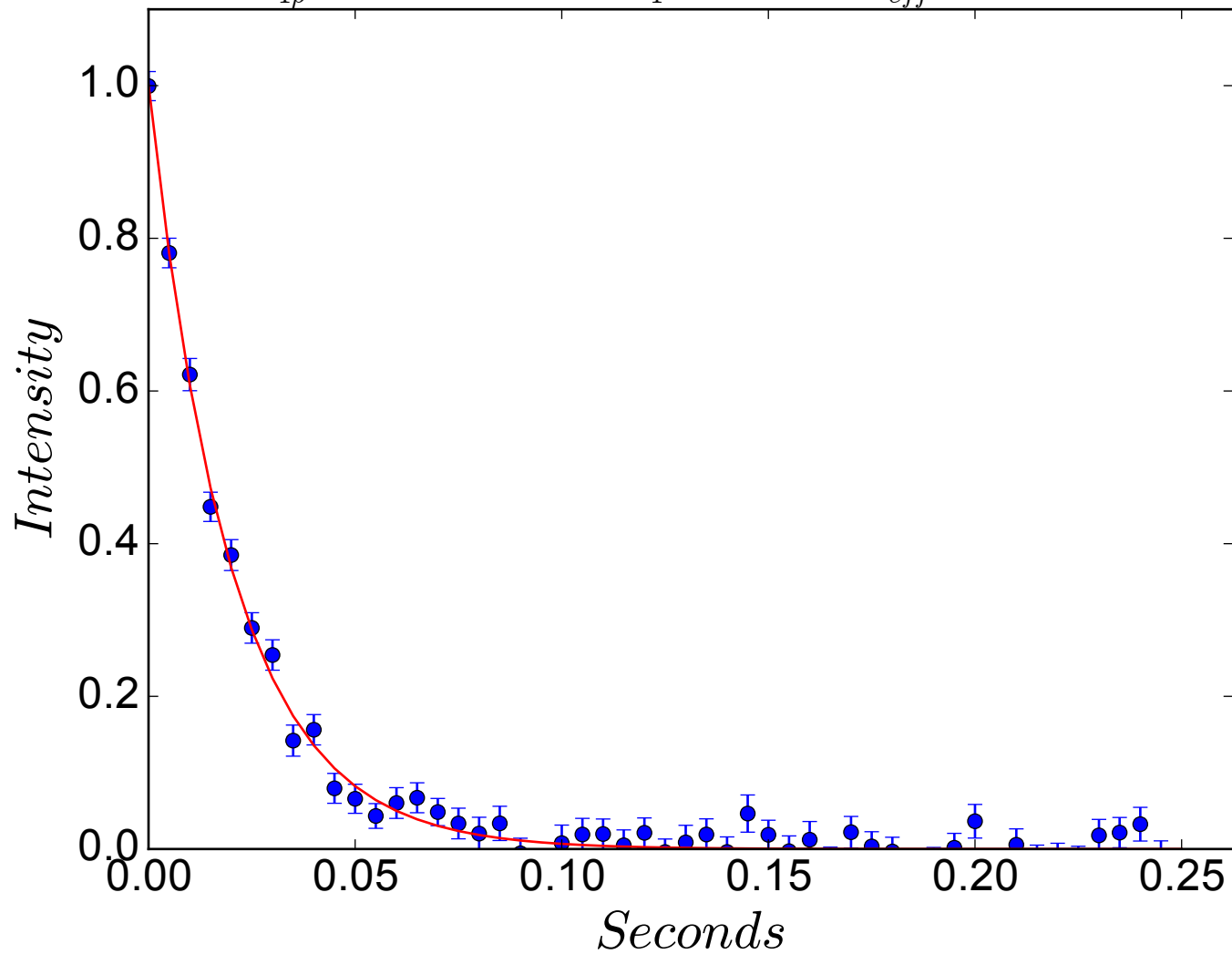
$$R_{1\rho} = 48.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -256 \text{ Hz}$$



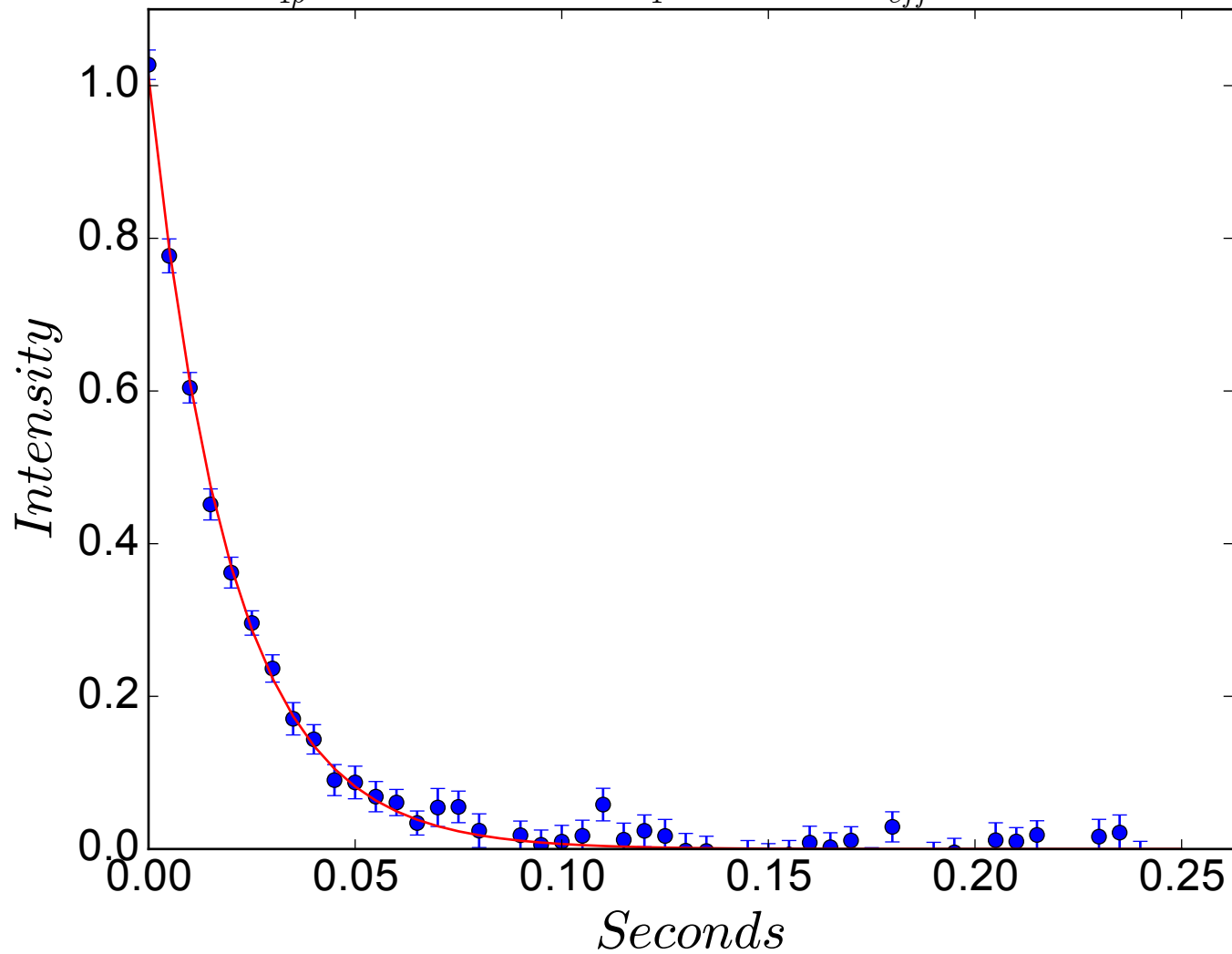
$$R_{1\rho} = 49.3 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -246 \text{ Hz}$$



$$R_{1\rho} = 50.0 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -236 \text{ Hz}$$

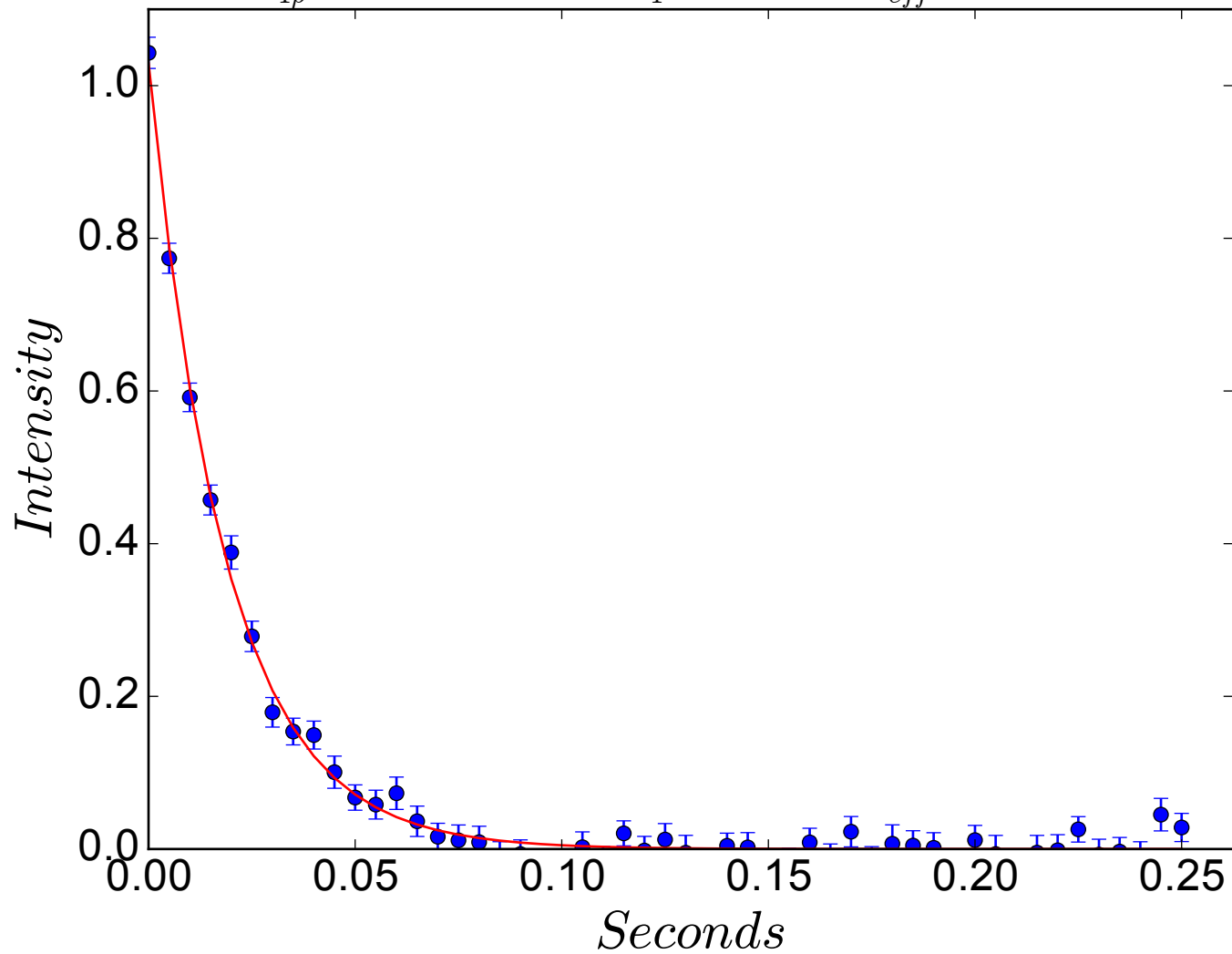


$$R_{1\rho} = 50.3 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -226 \text{ Hz}$$

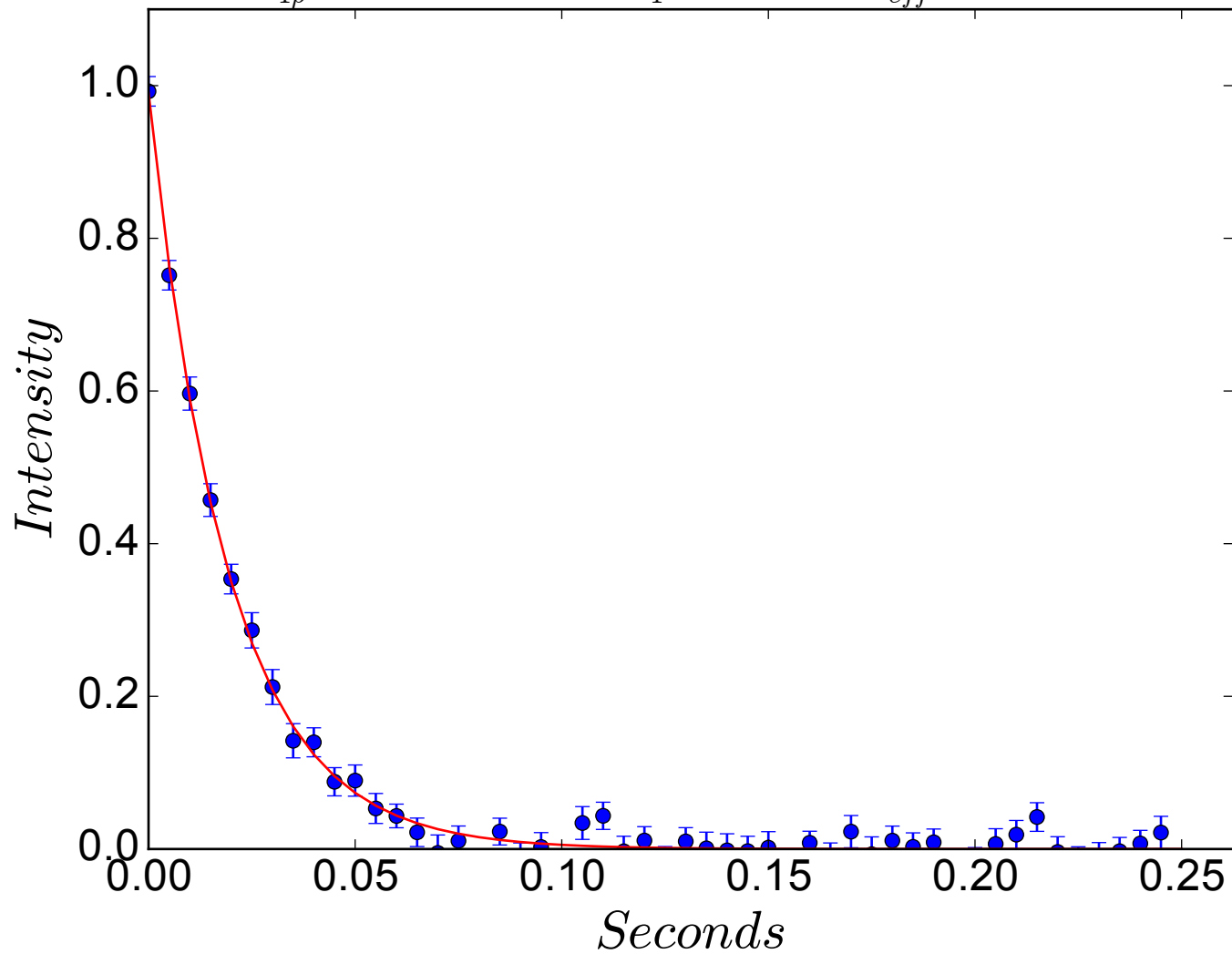




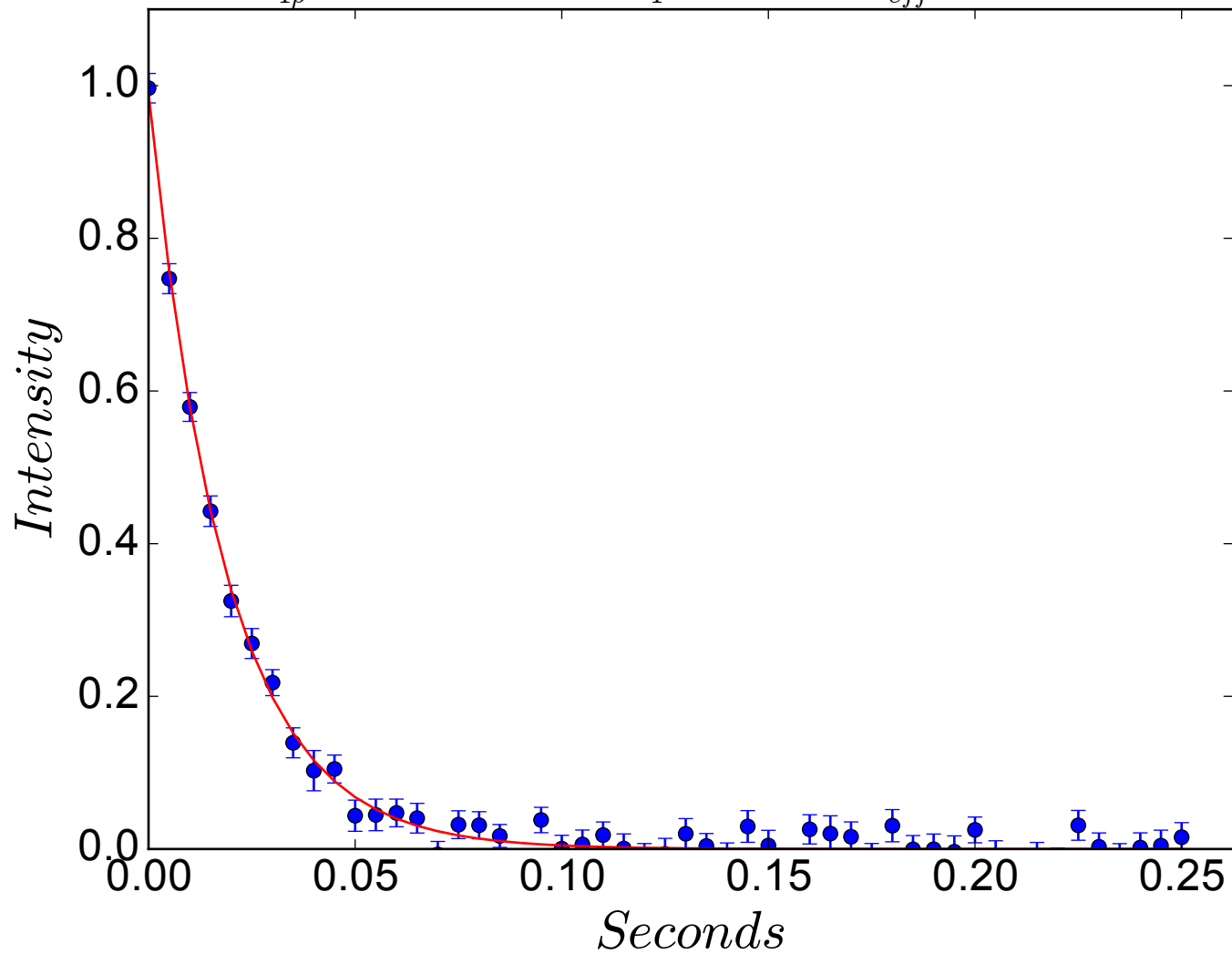
$$R_{1\rho} = 53.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -216 \text{ Hz}$$



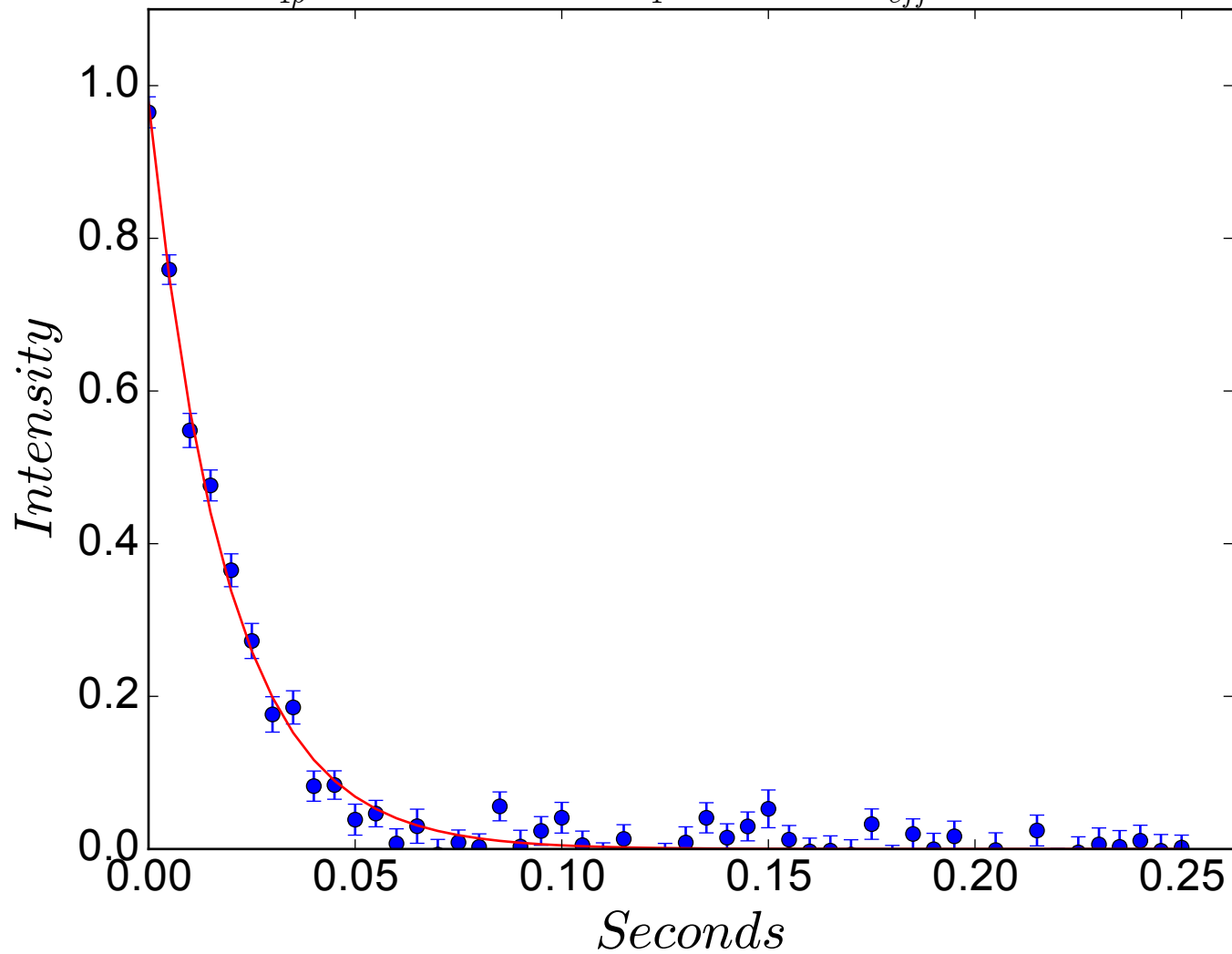
$$R_{1\rho} = 52.0 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -206 \text{ Hz}$$



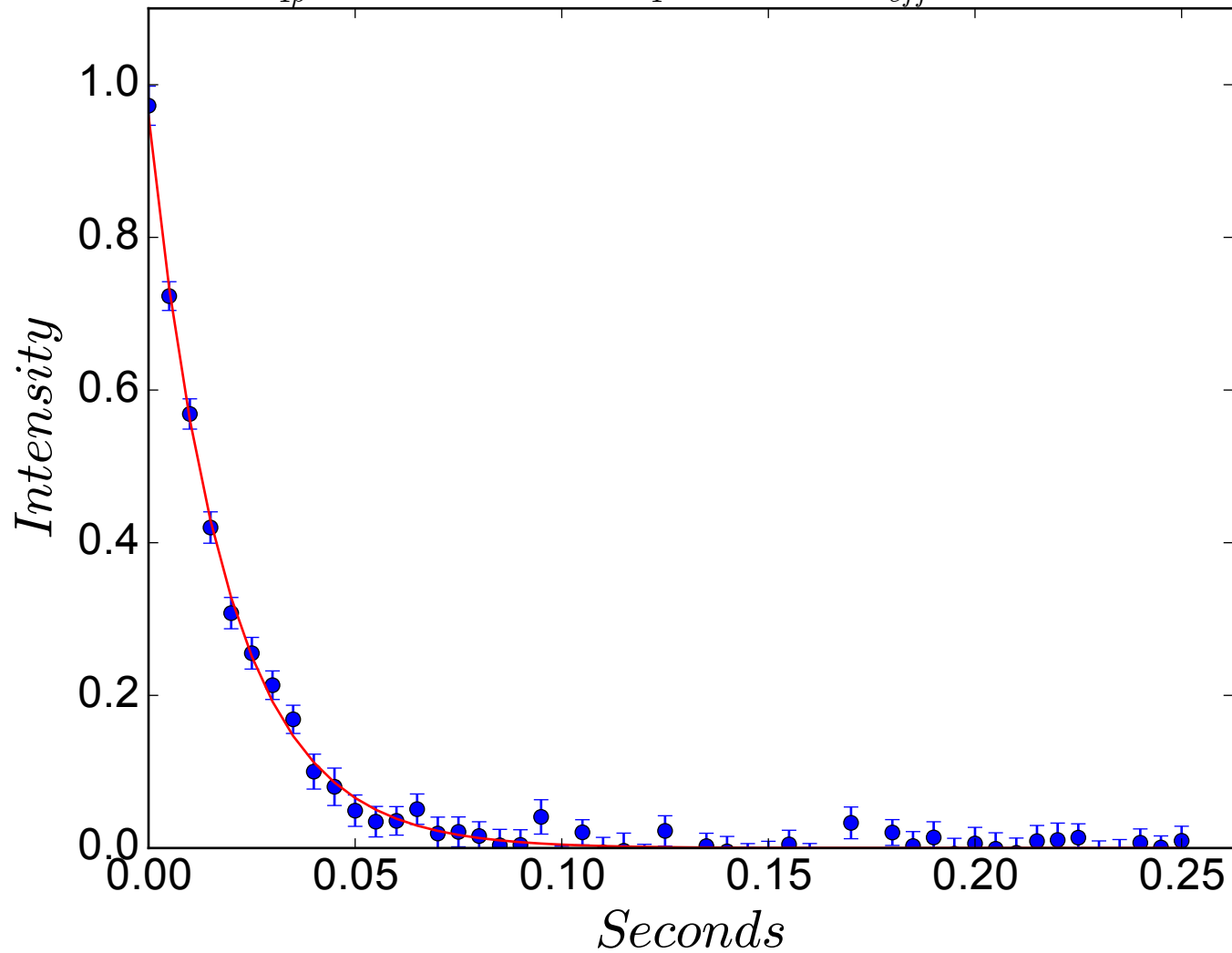
$$R_{1\rho} = 53.6 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -196 \text{ Hz}$$



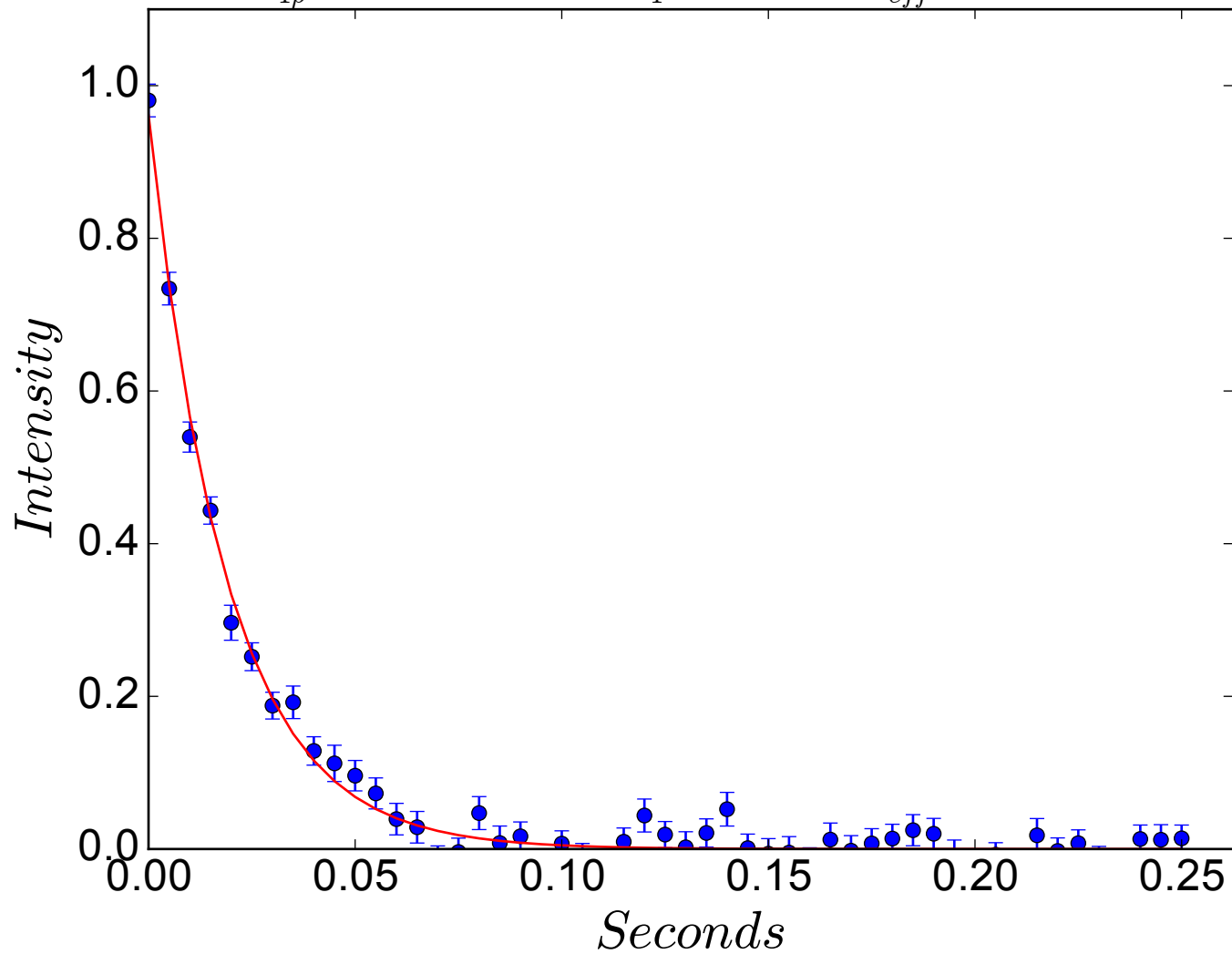
$$R_{1\rho} = 53.2 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -186 \text{ Hz}$$



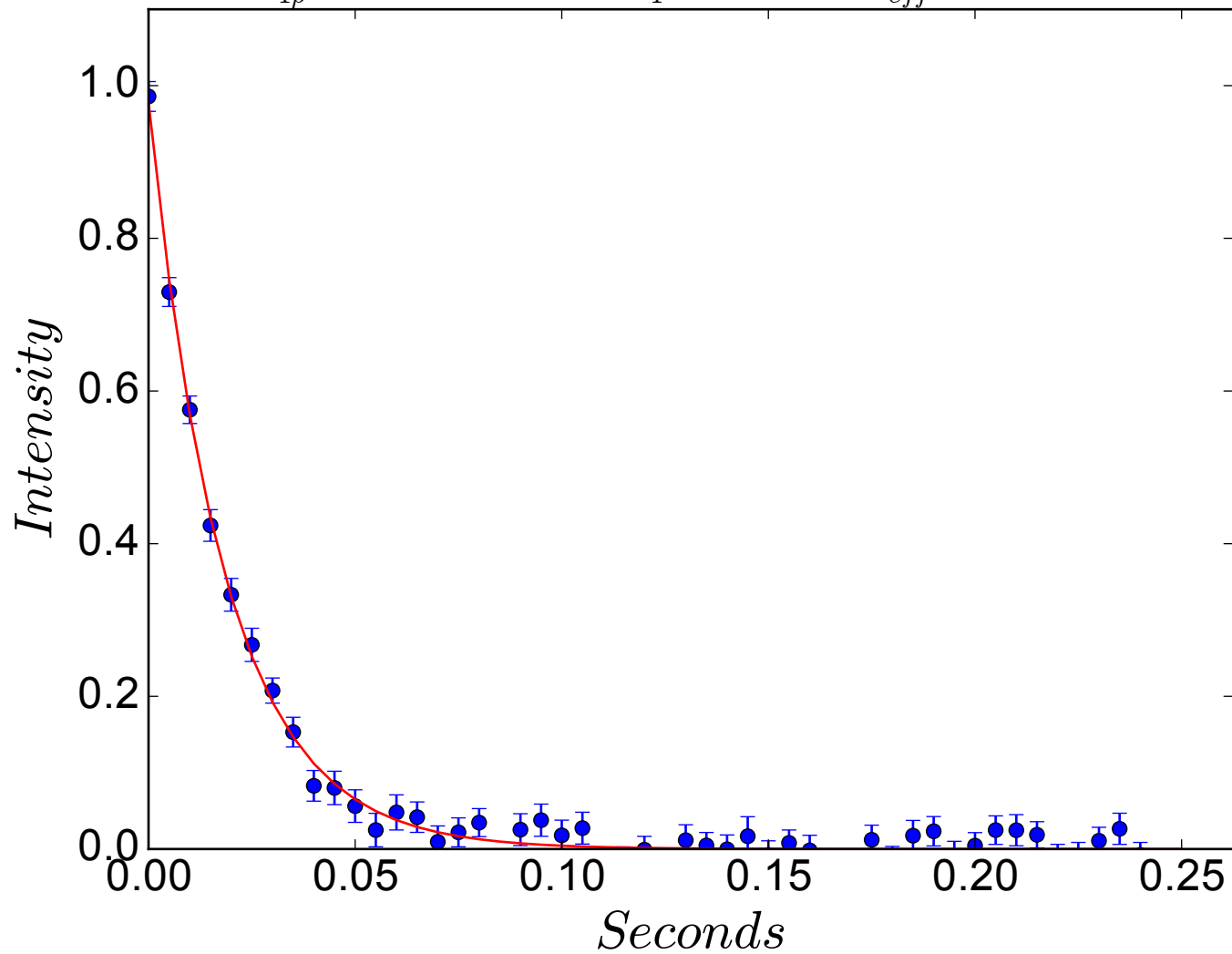
$$R_{1\rho} = 53.6 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -176 \text{ Hz}$$



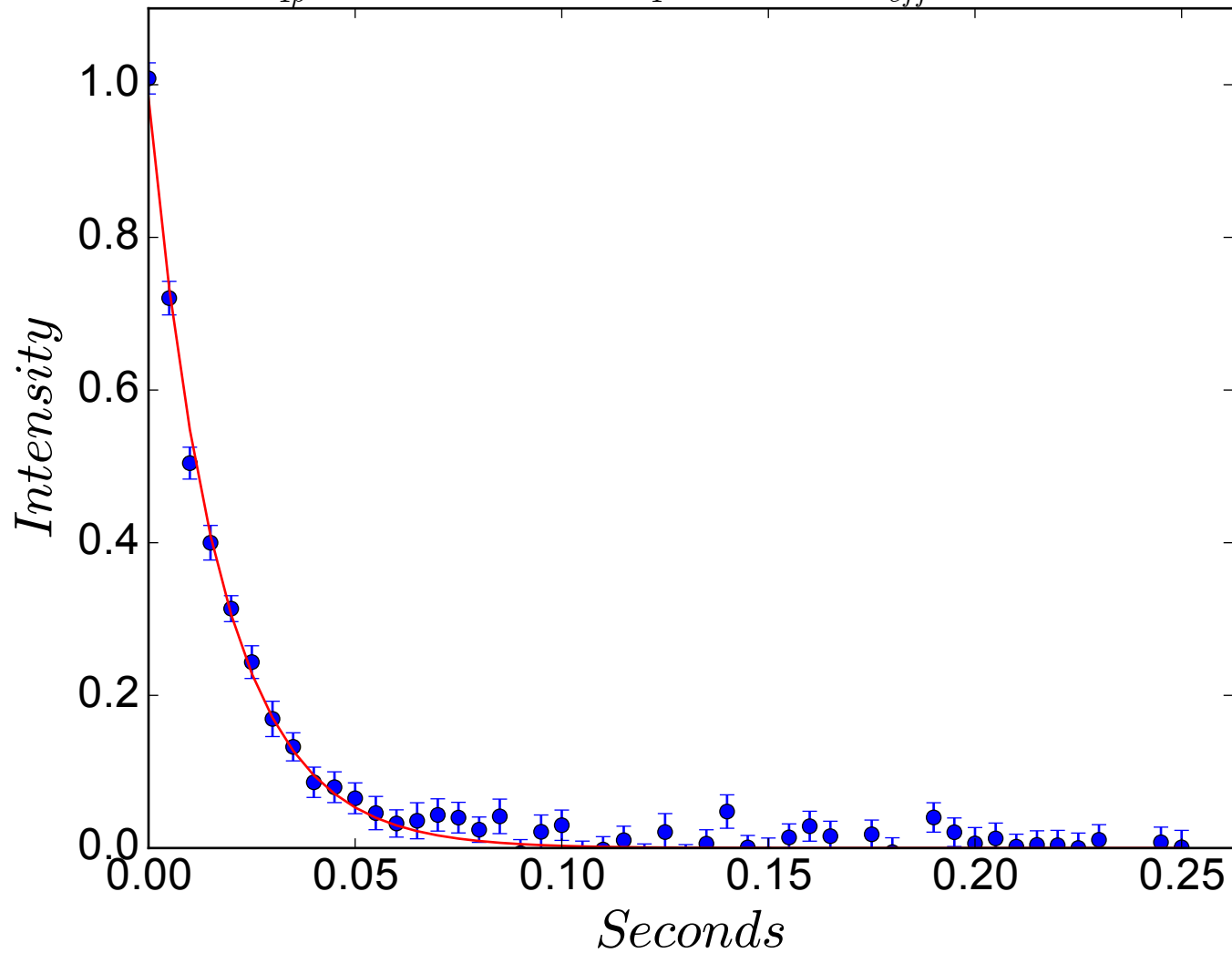
$$R_{1\rho} = 52.9 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -166 \text{ Hz}$$



$$R_{1\rho} = 54.2 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -156 \text{ Hz}$$

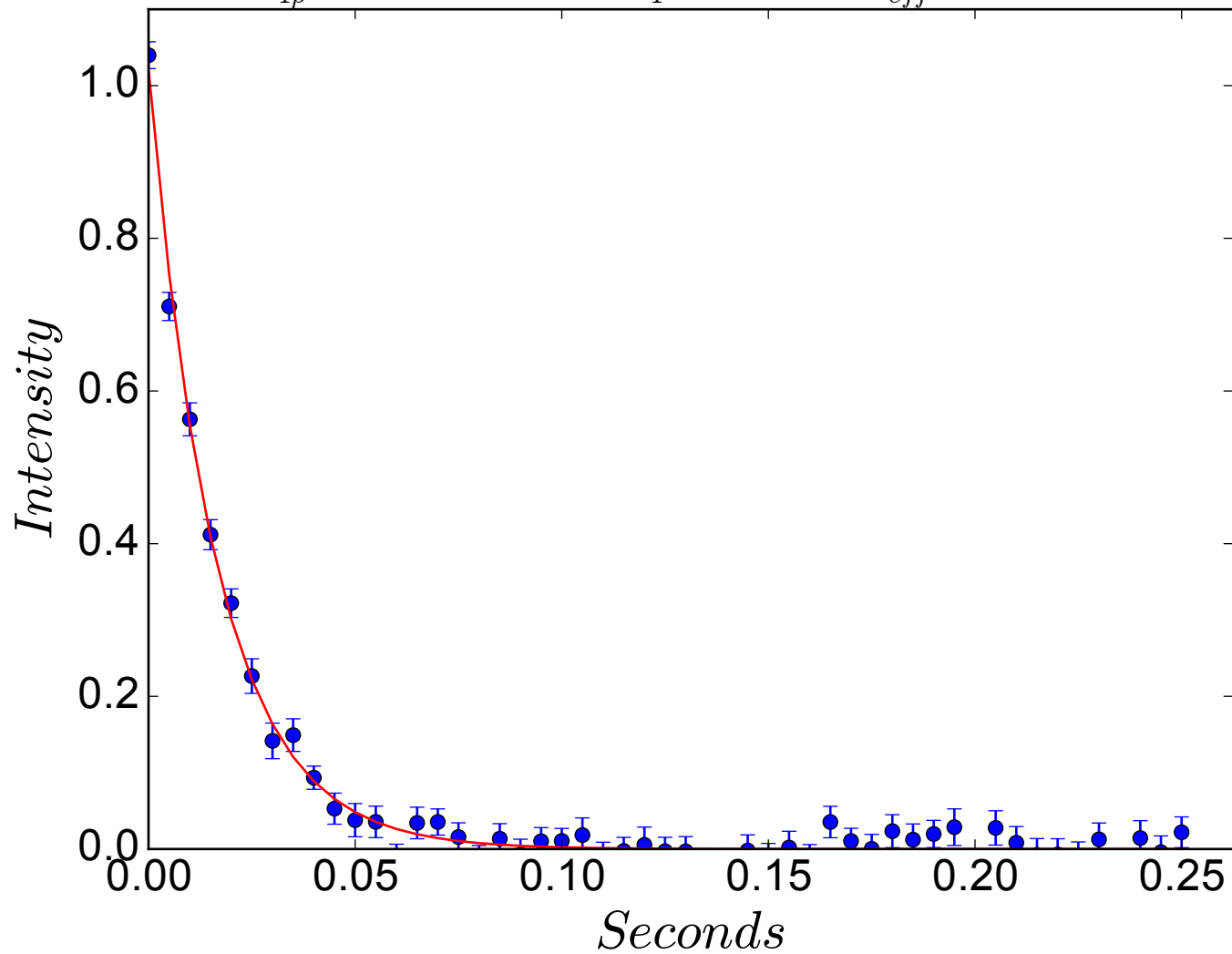


$$R_{1\rho} = 58.4 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -146 \text{ Hz}$$

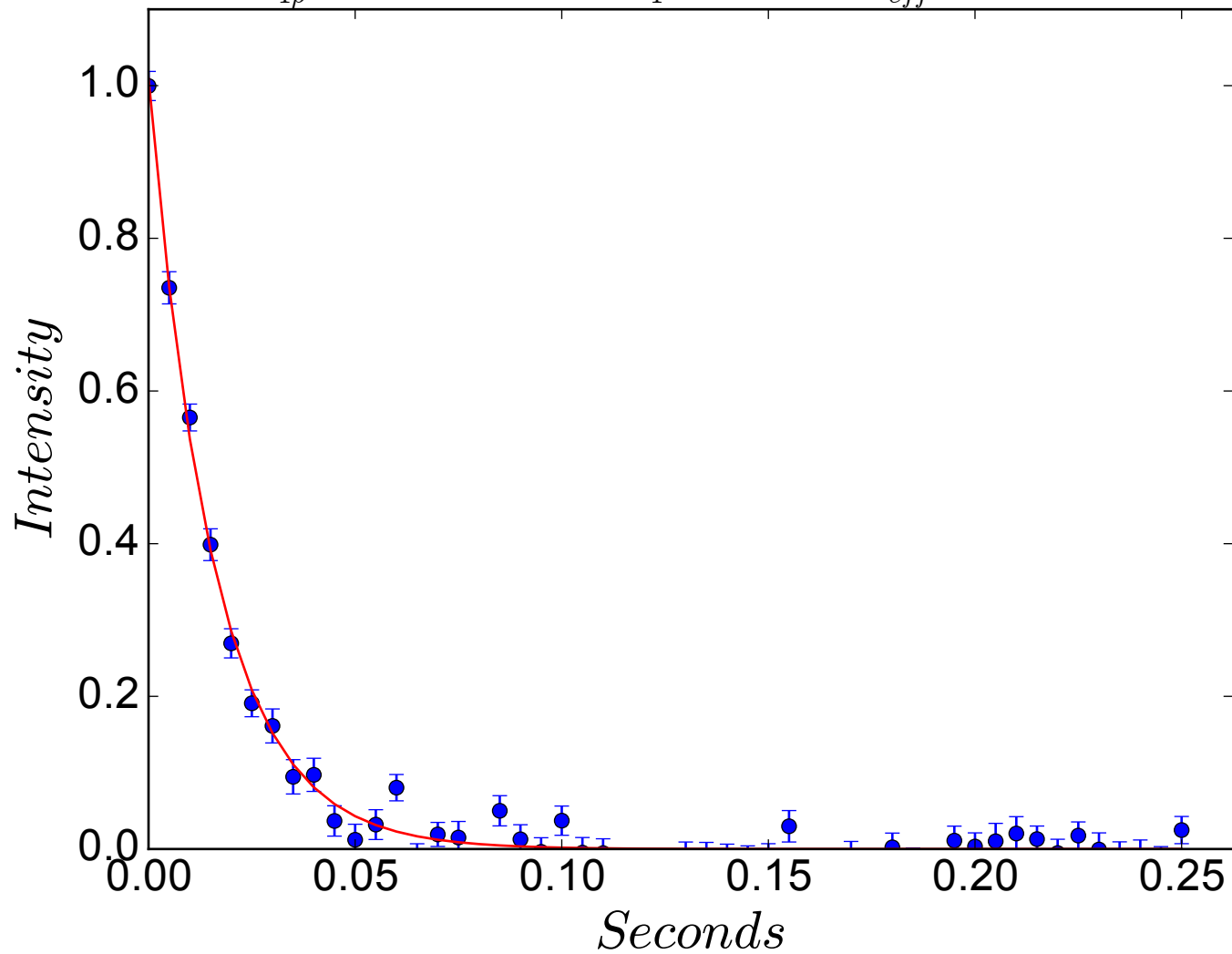




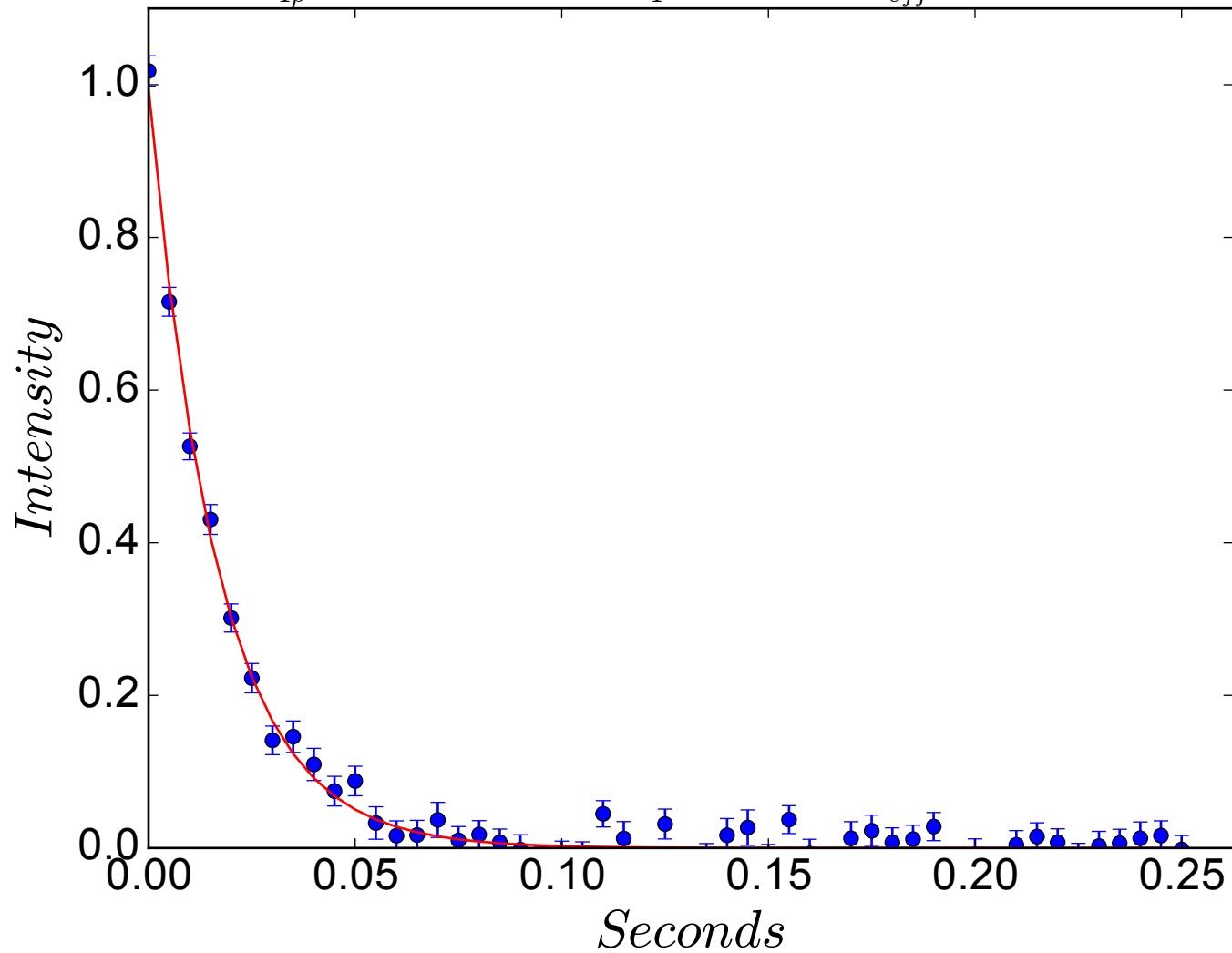
$$R_{1\rho} = 61.0 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -136 \text{ Hz}$$



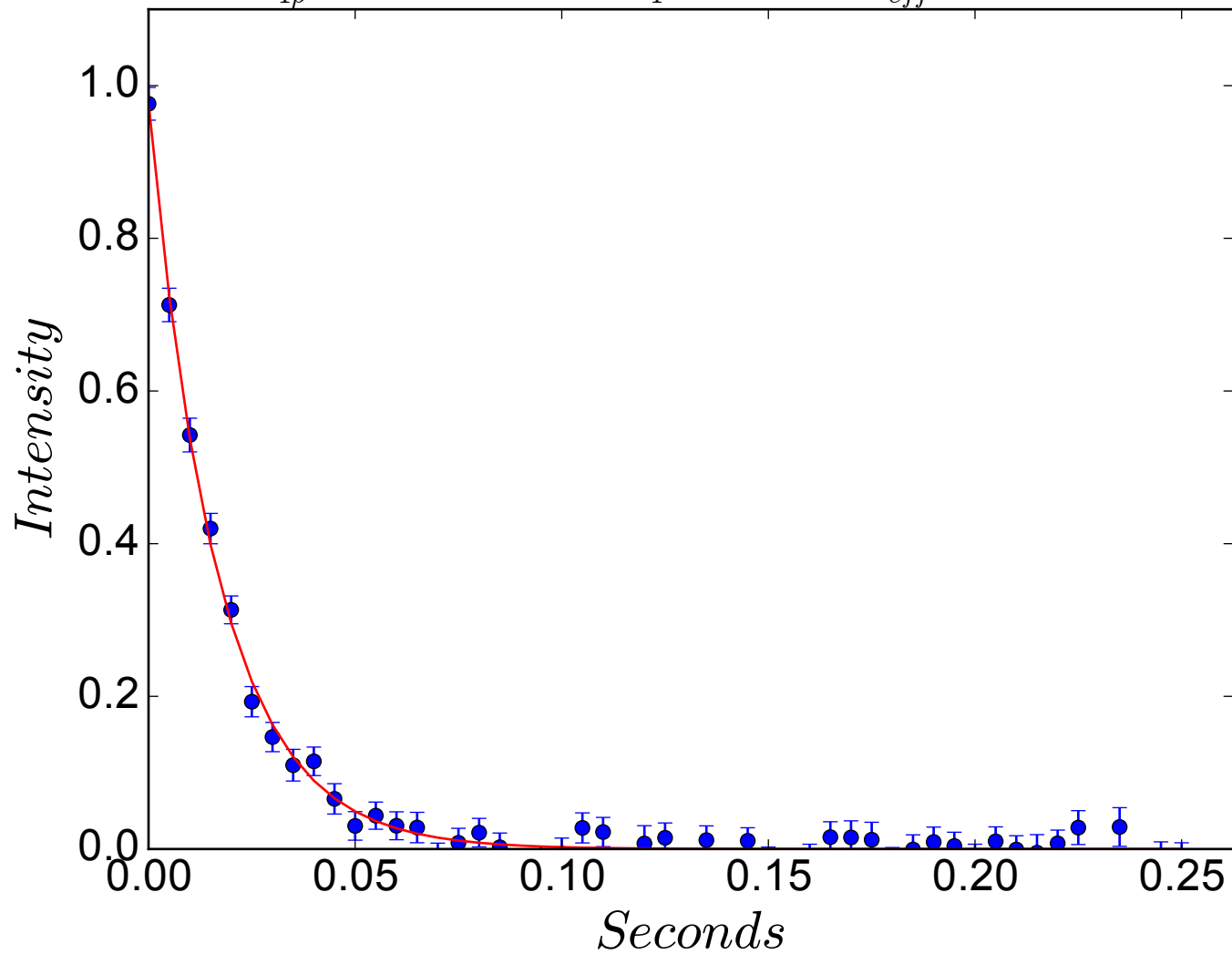
$$R_{1\rho} = 63.1 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -126 \text{ Hz}$$



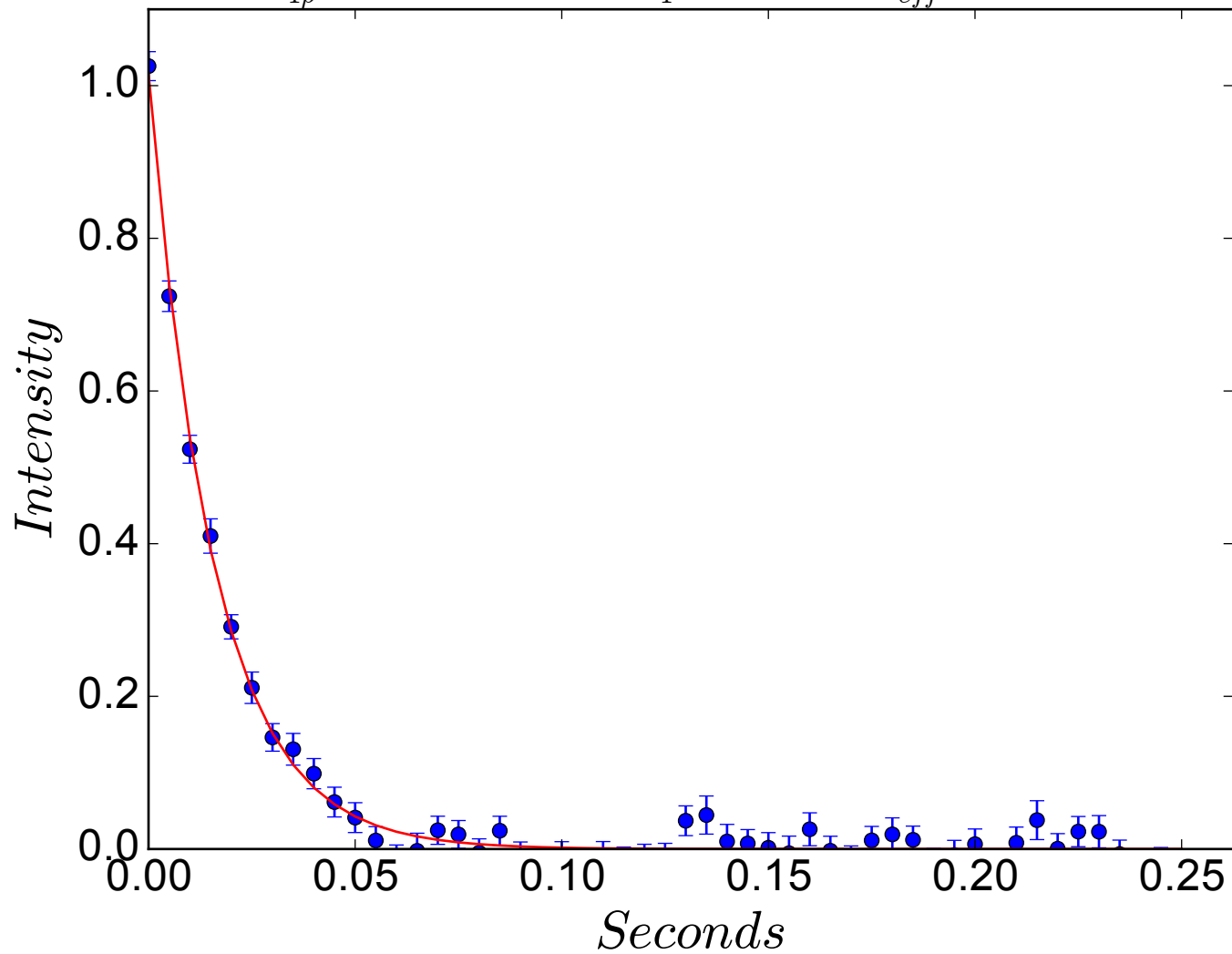
$$R_{1\rho} = 59.6 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -116 \text{ Hz}$$



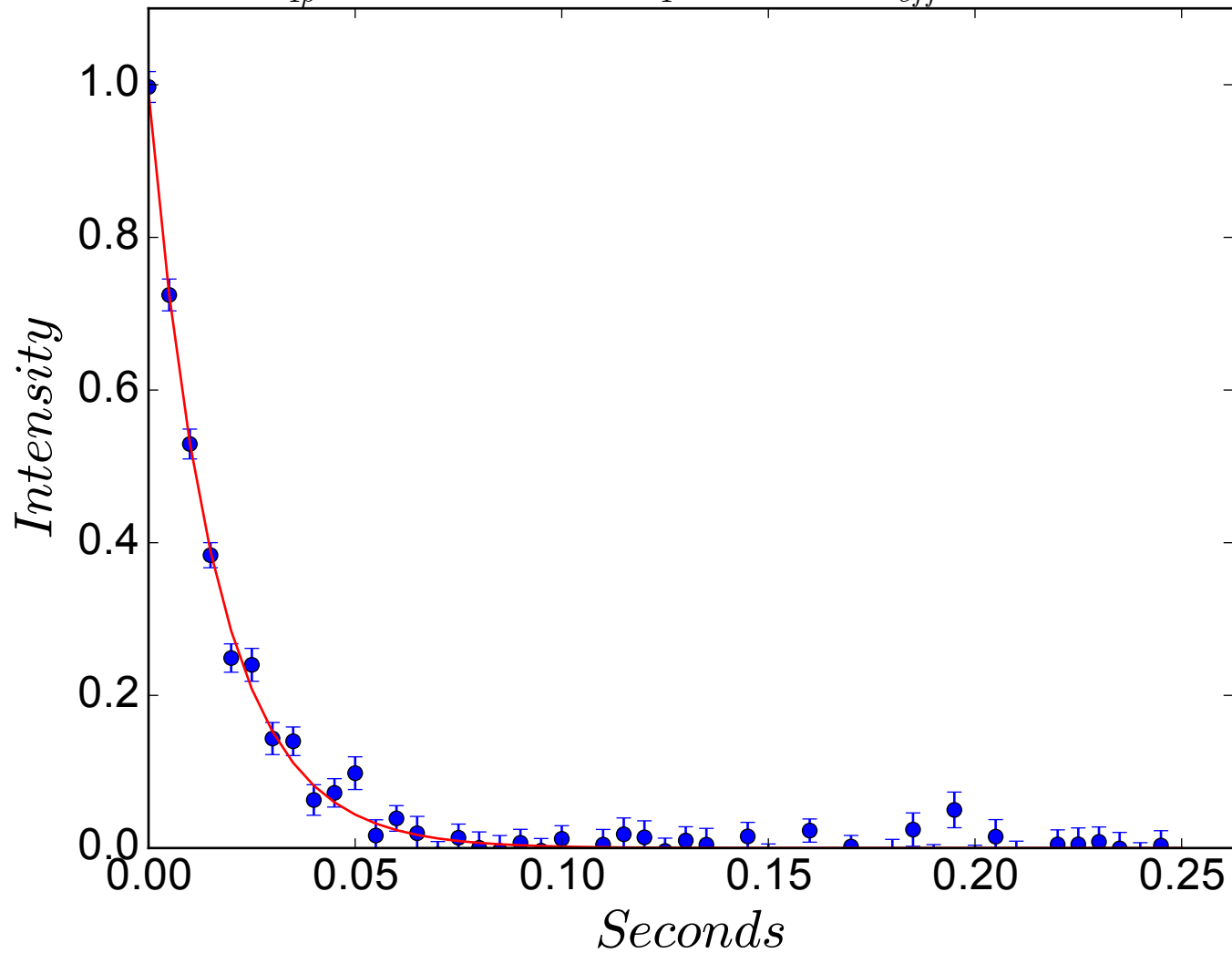
$$R_{1\rho} = 59.7 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -106 \text{ Hz}$$



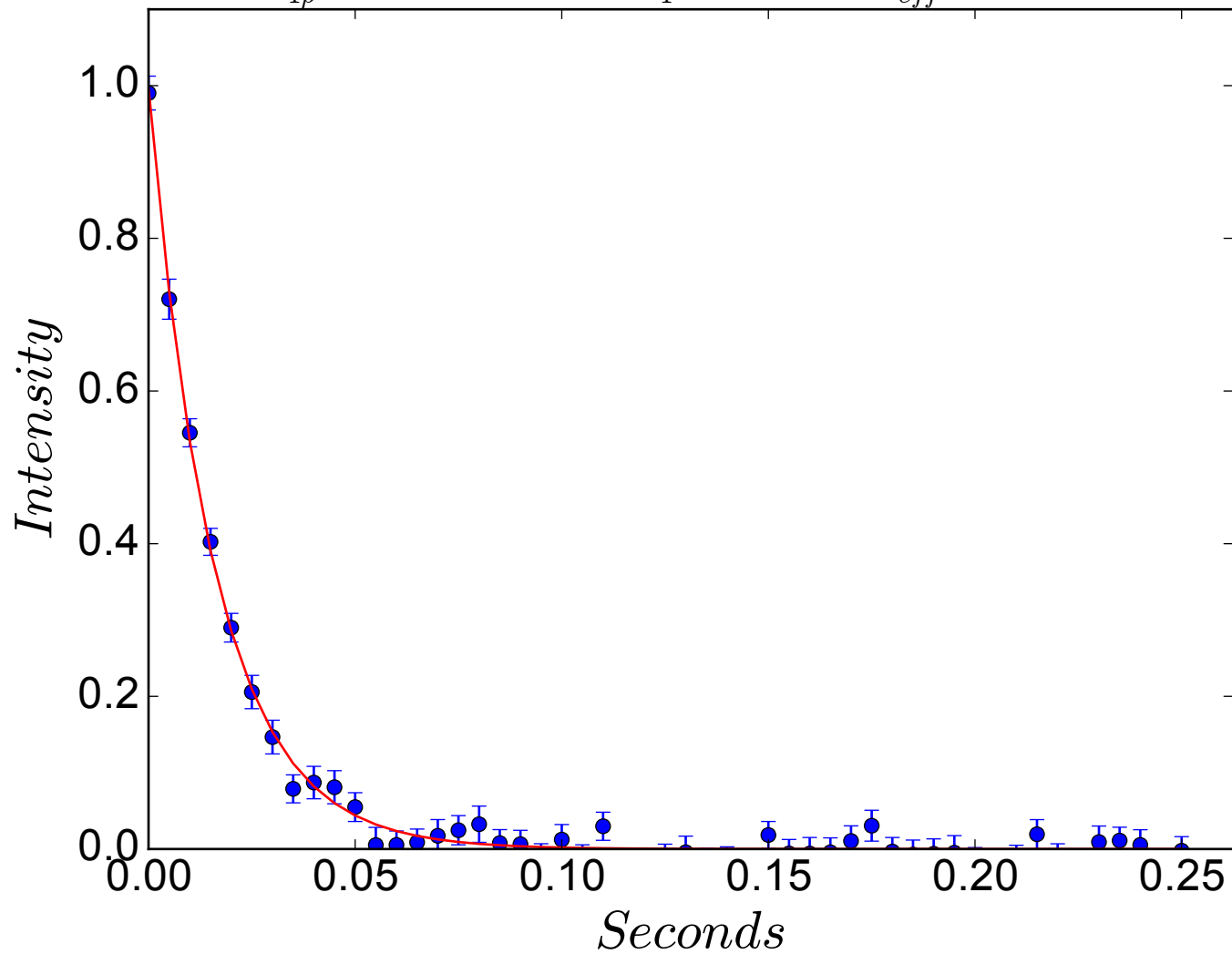
$$R_{1\rho} = 63.4 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -95 \text{ Hz}$$



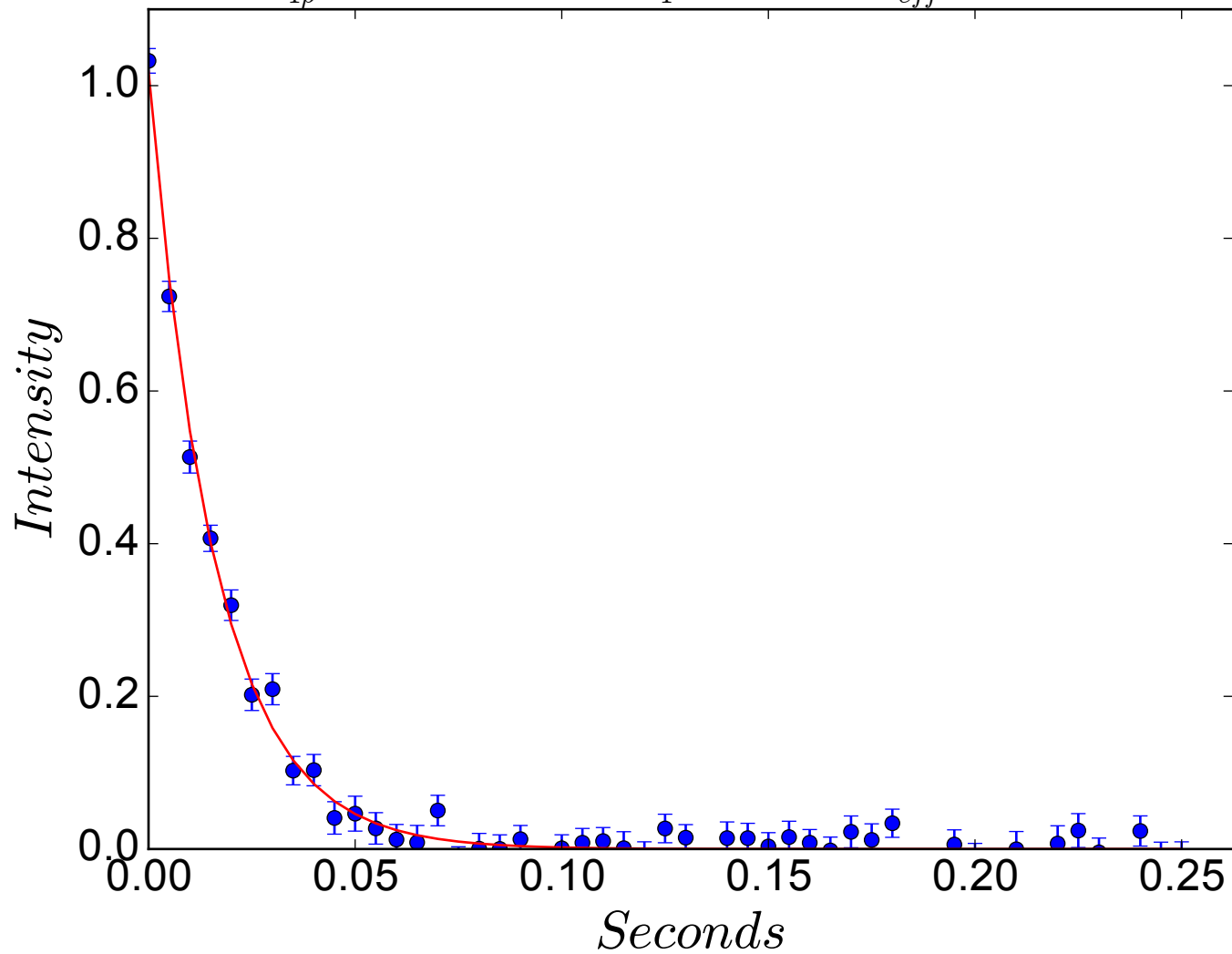
$$R_{1\rho} = 62.4 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -85 \text{ Hz}$$



$$R_{1\rho} = 62.4 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -75 \text{ Hz}$$

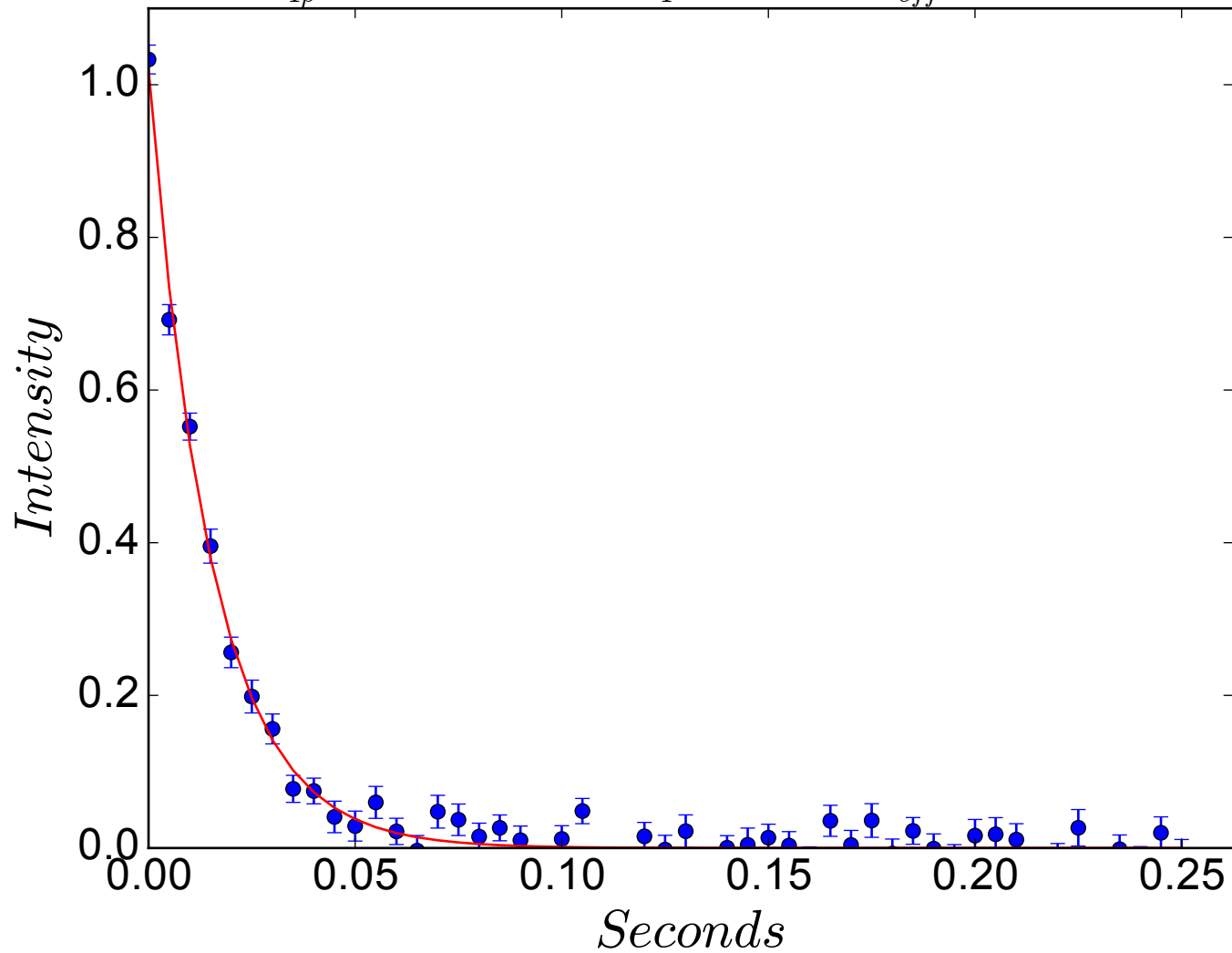


$$R_{1\rho} = 62.0 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -65 \text{ Hz}$$

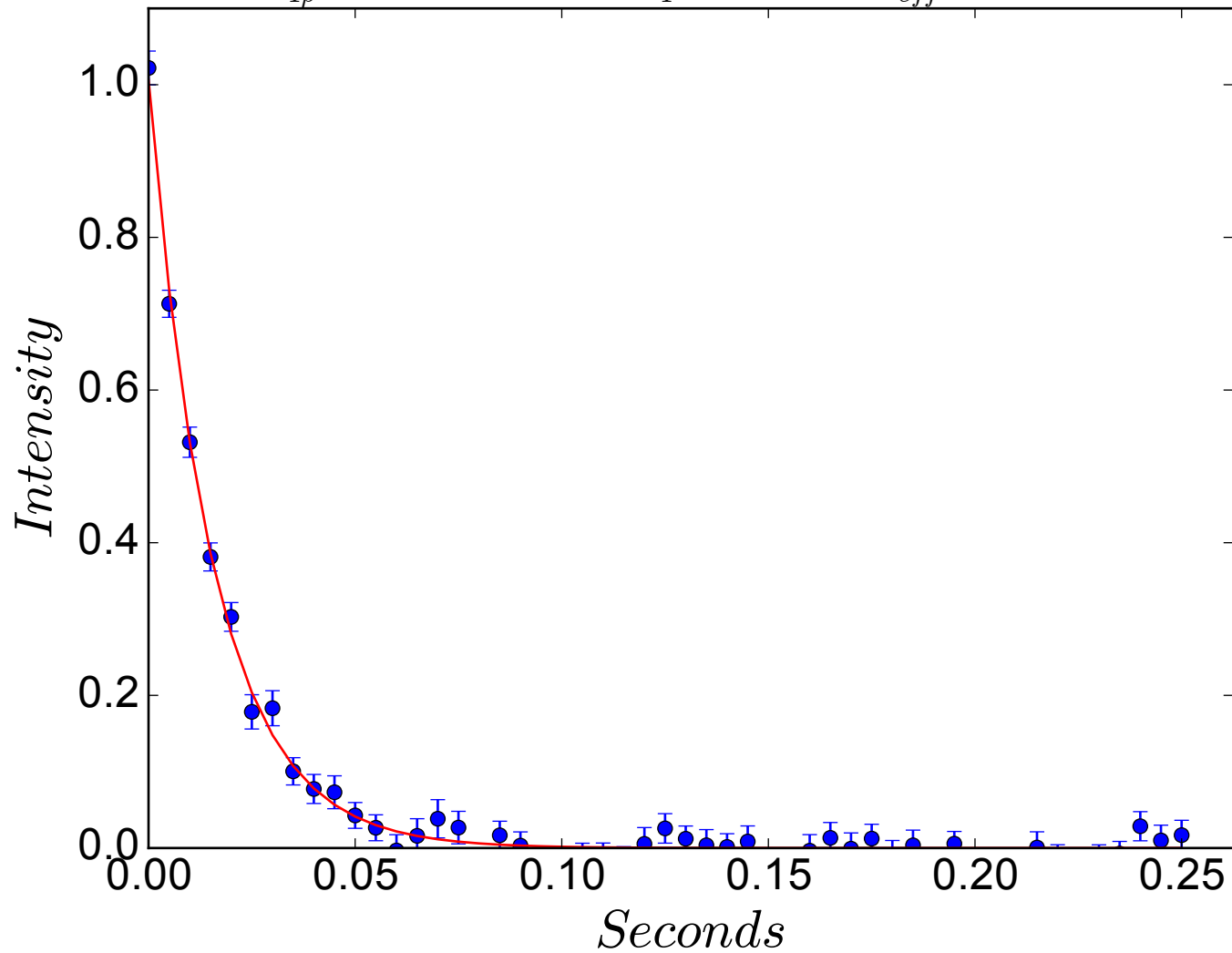




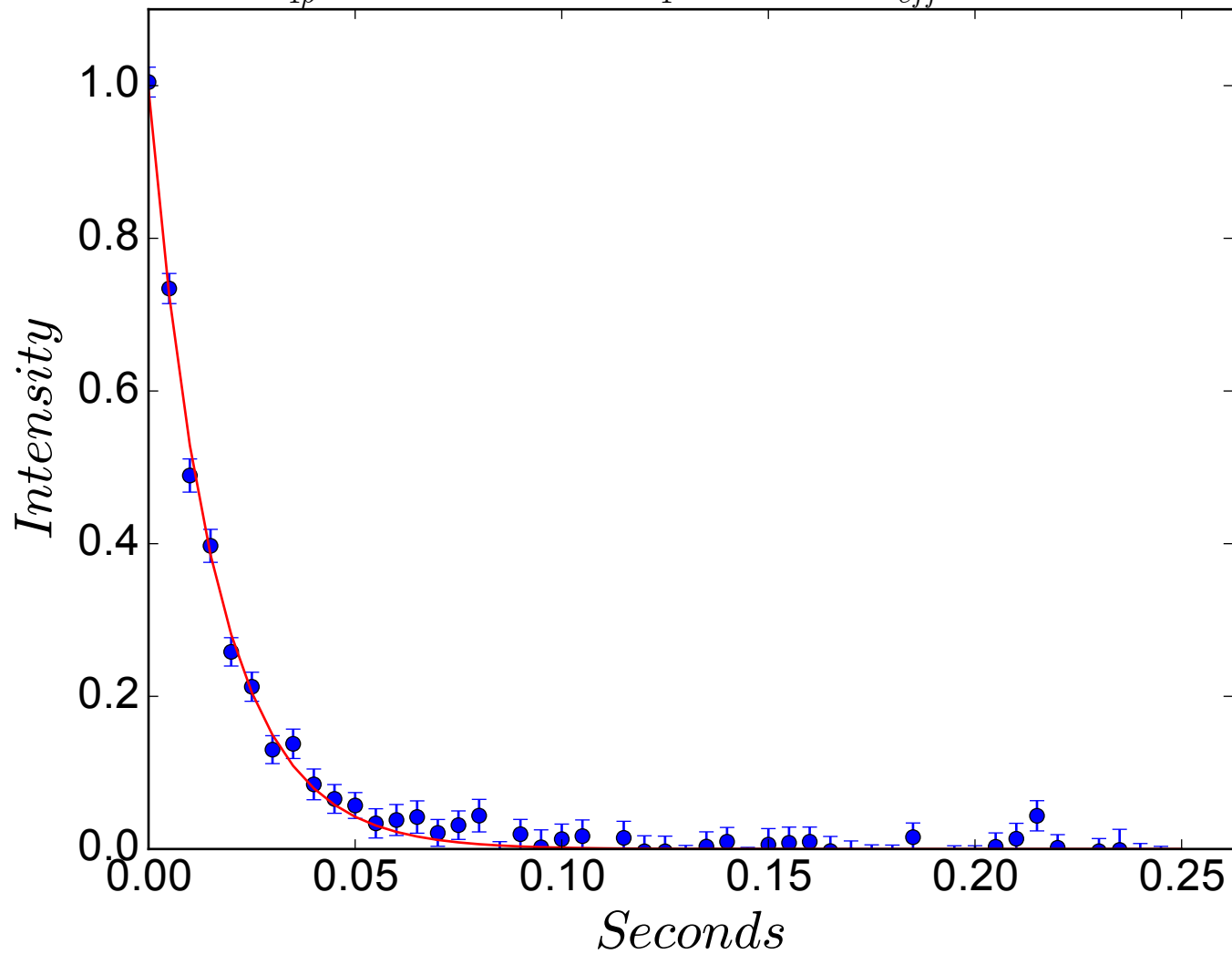
$$R_{1\rho} = 65.9 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -55 \text{ Hz}$$



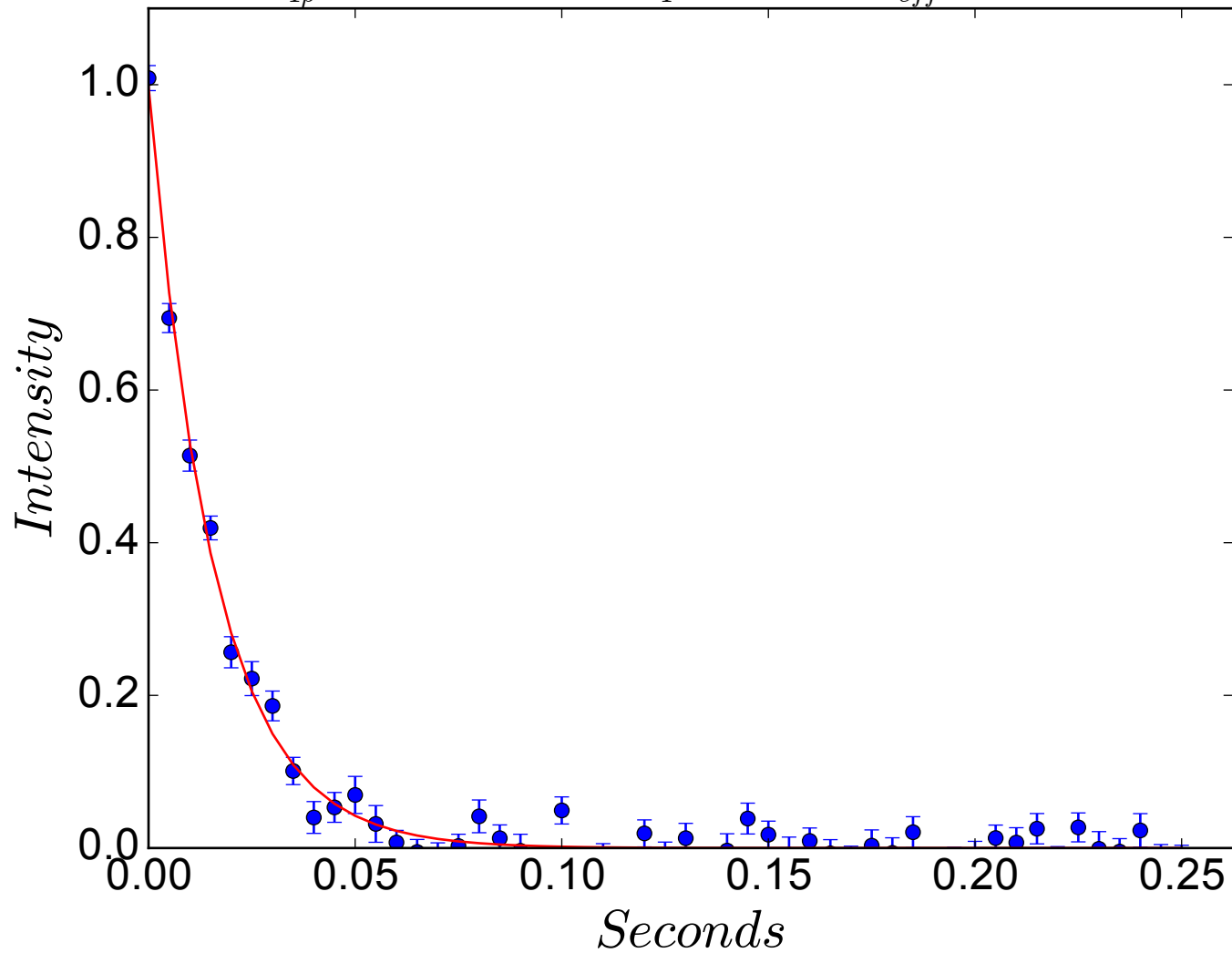
$$R_{1\rho} = 63.9 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -45 \text{ Hz}$$



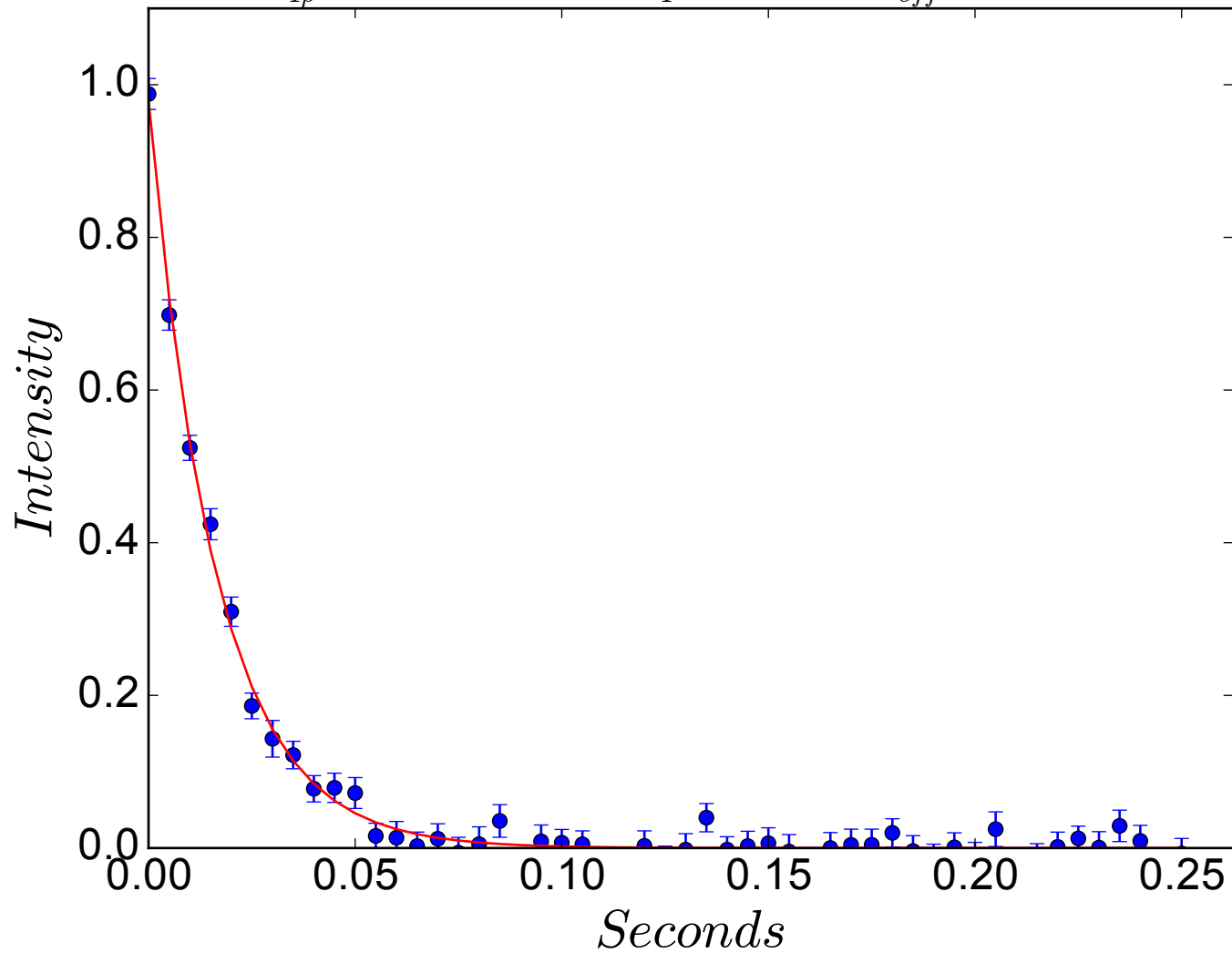
$$R_{1\rho} = 63.2 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -35 \text{ Hz}$$



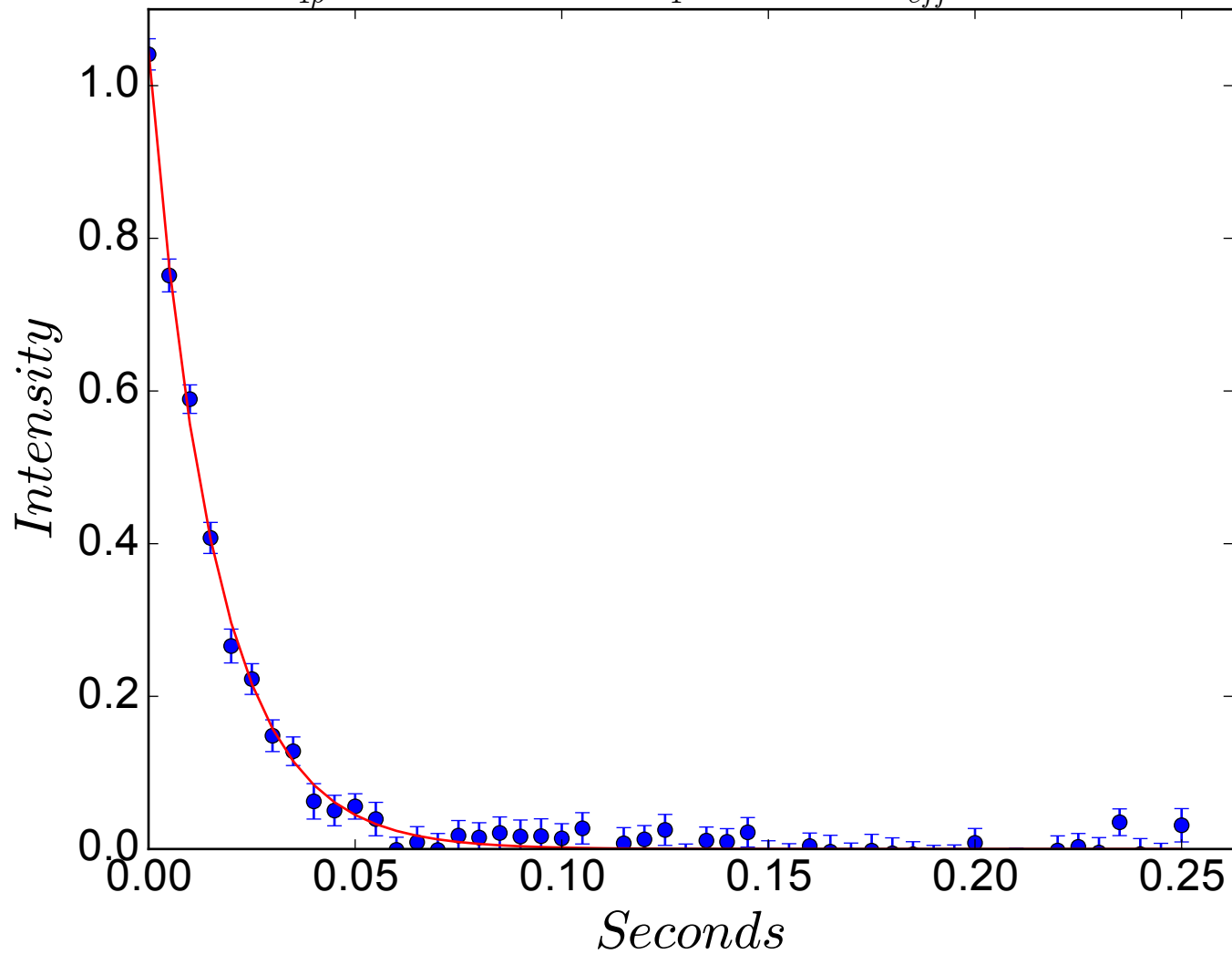
$$R_{1\rho} = 63.2 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -25 \text{ Hz}$$



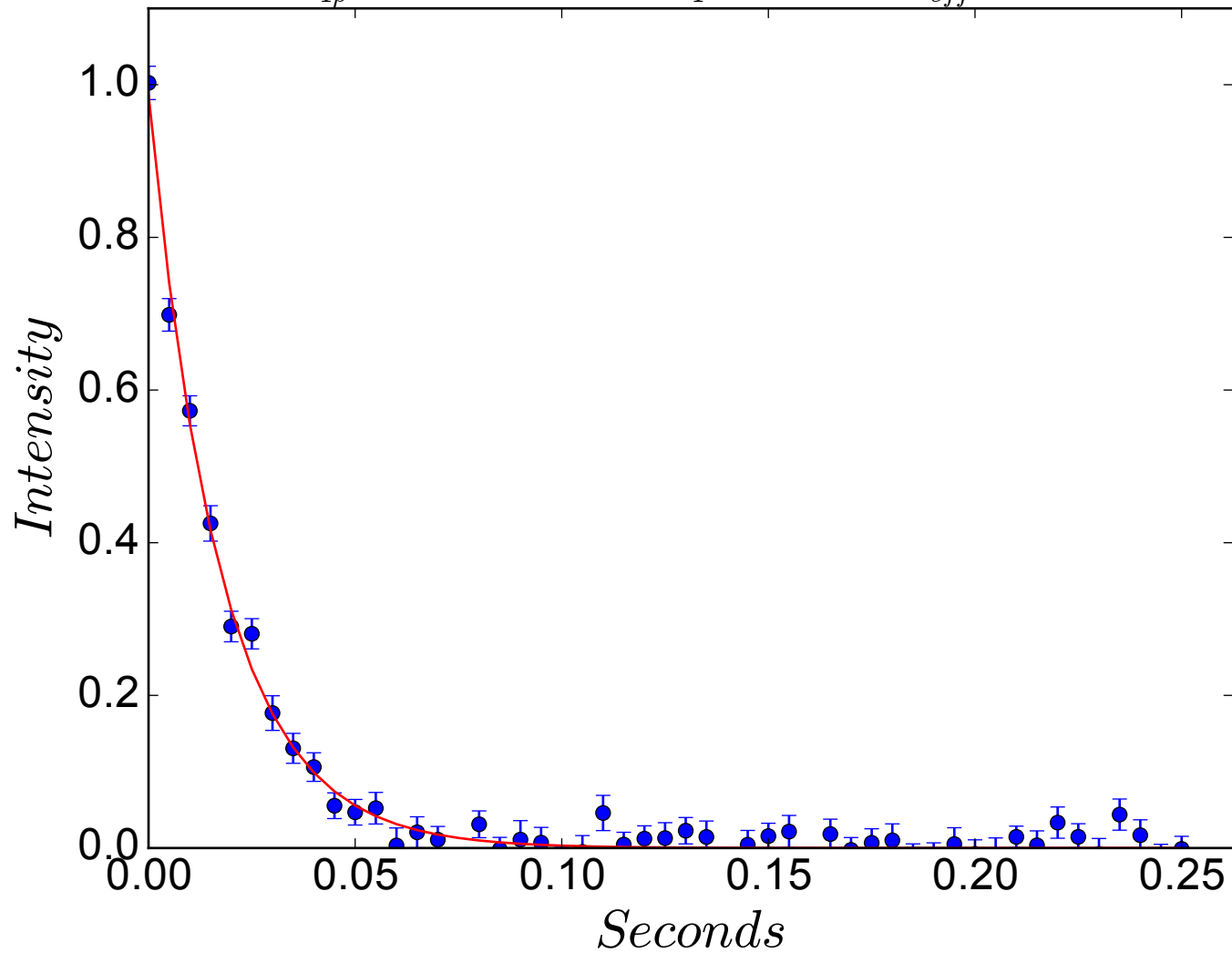
$$R_{1\rho} = 61.3 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -15 \text{ Hz}$$



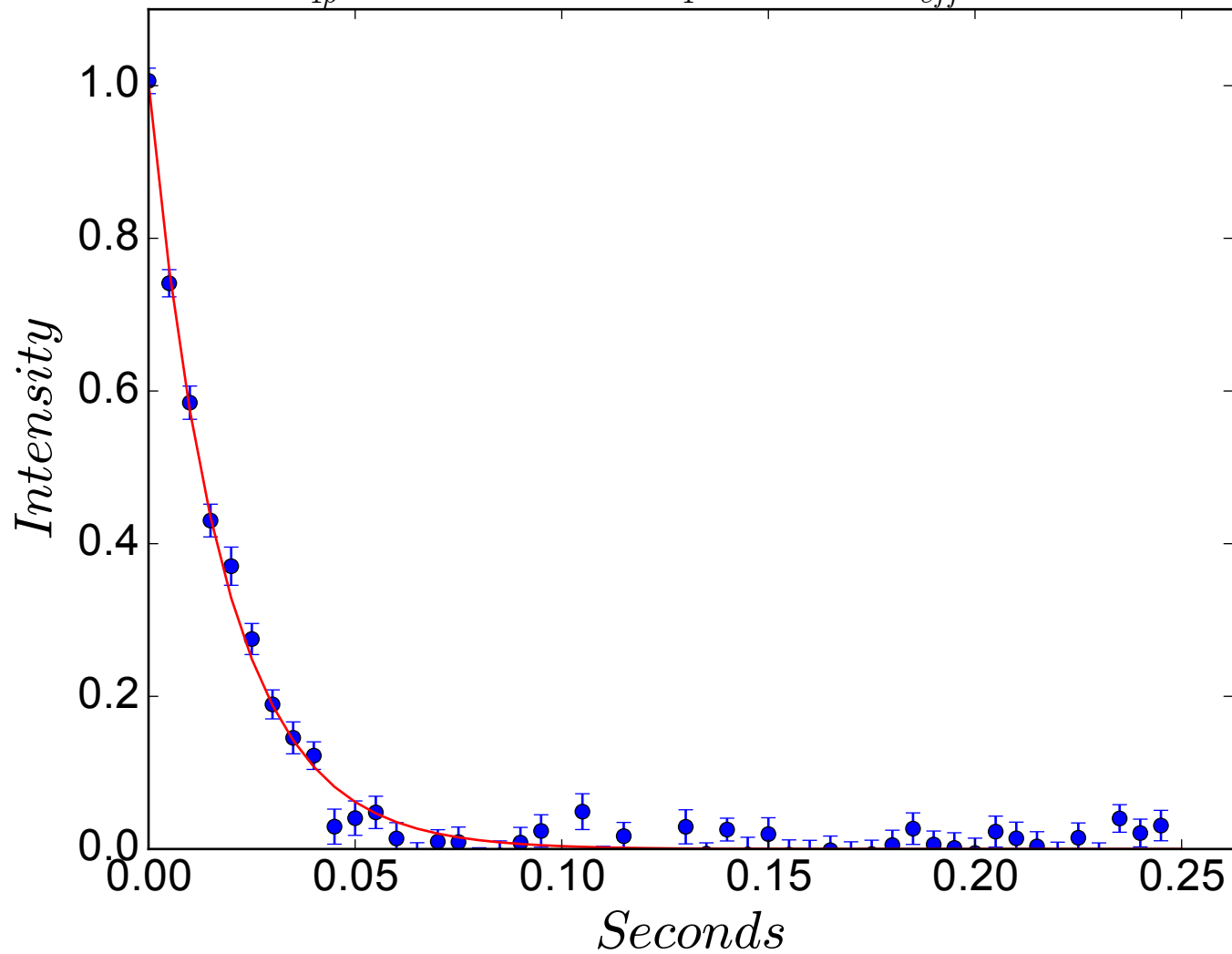
$$R_{1\rho} = 63.1 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = -5 \text{ Hz}$$



$$R_{1\rho} = 57.5 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 5 \text{ Hz}$$

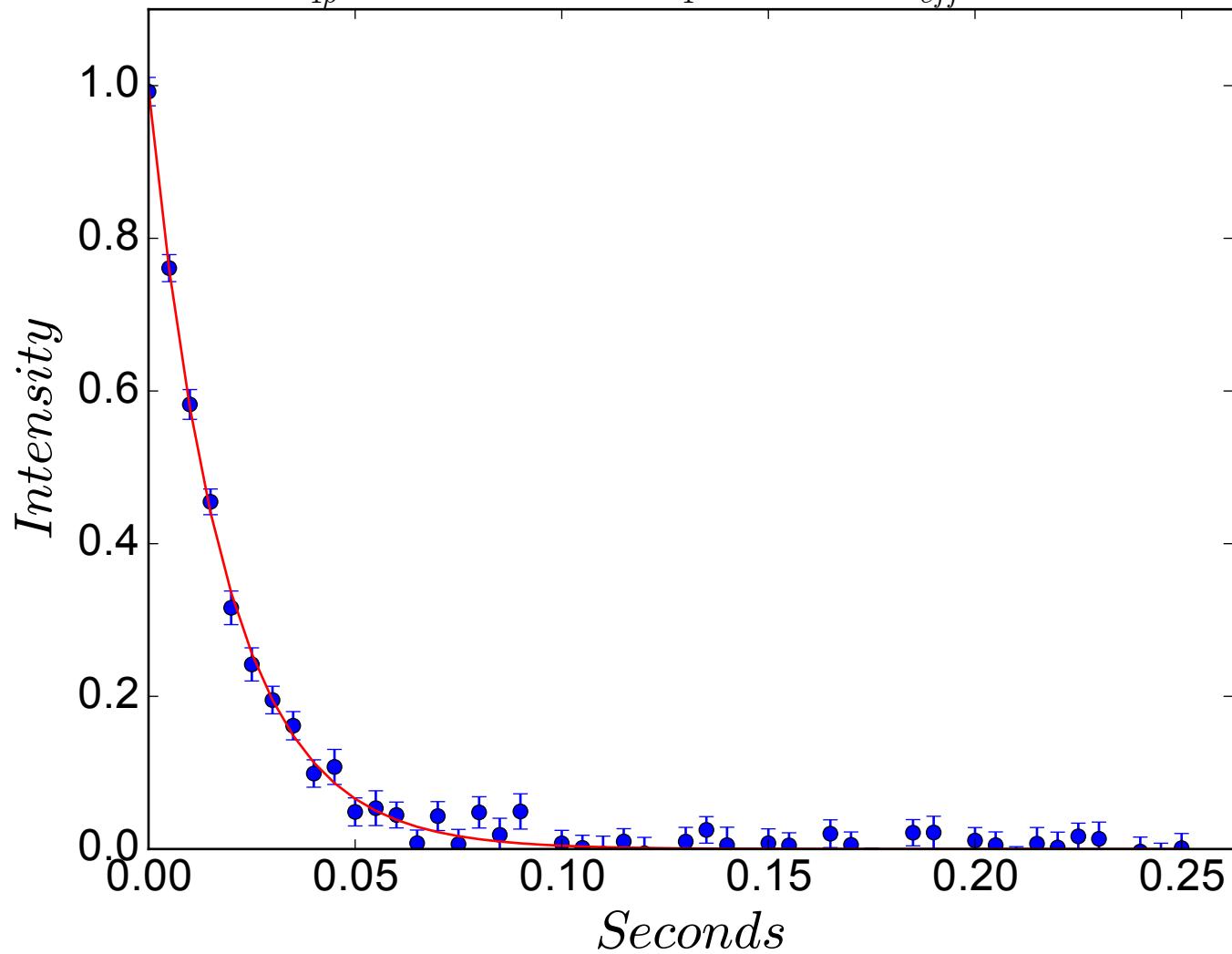


$$R_{1\rho} = 55.8 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 15 \text{ Hz}$$

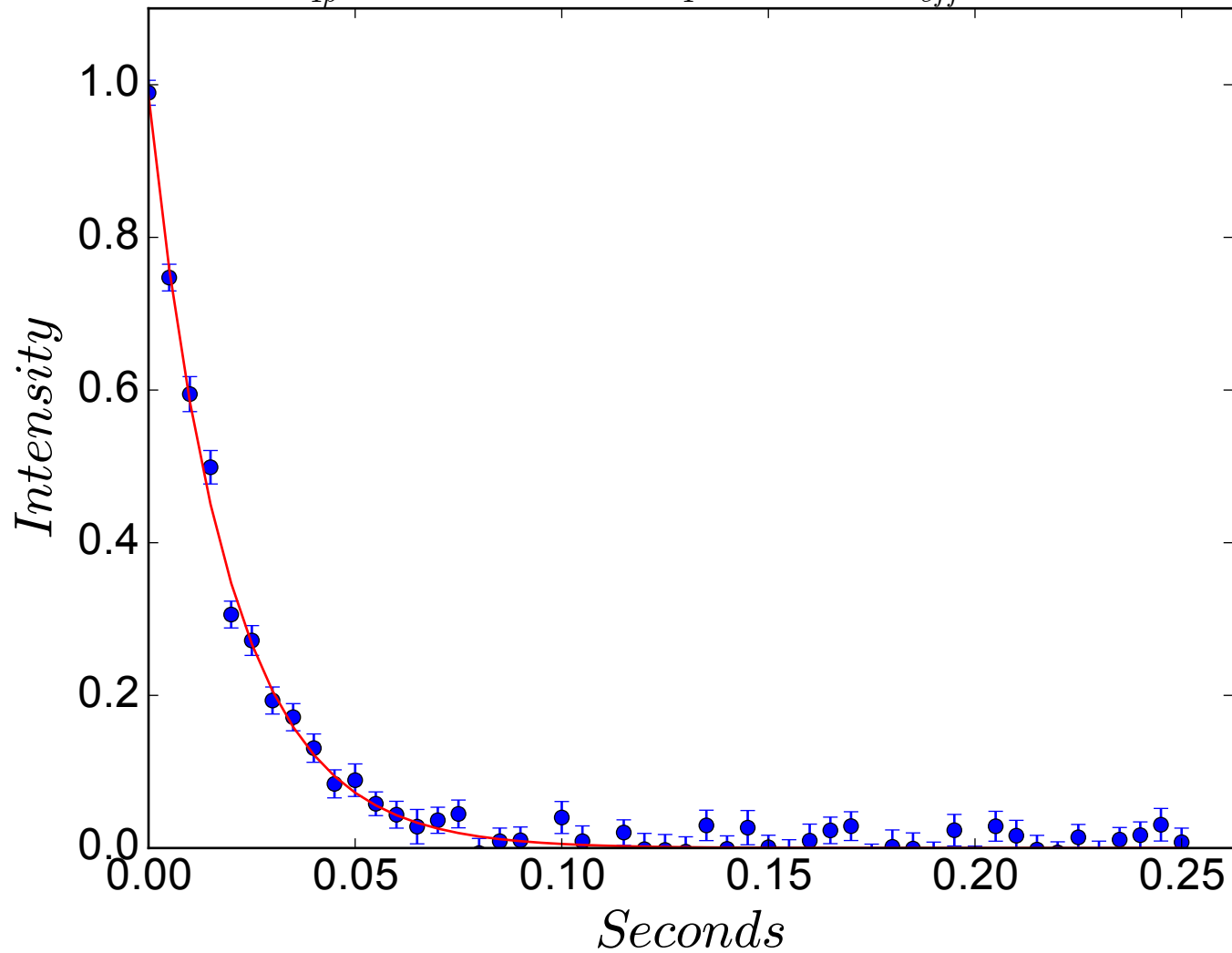




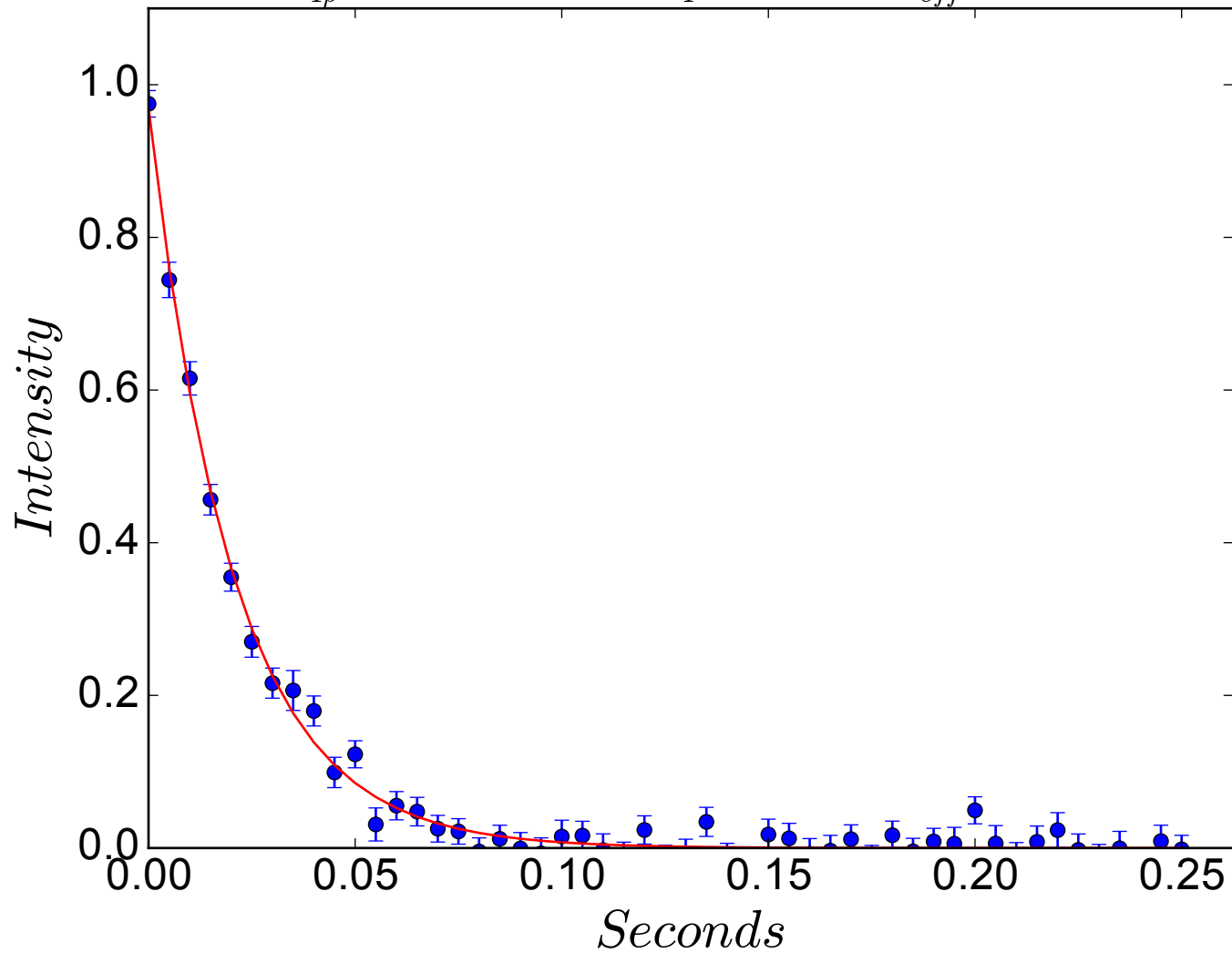
$$R_{1\rho} = 54.4 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 25 \text{ Hz}$$



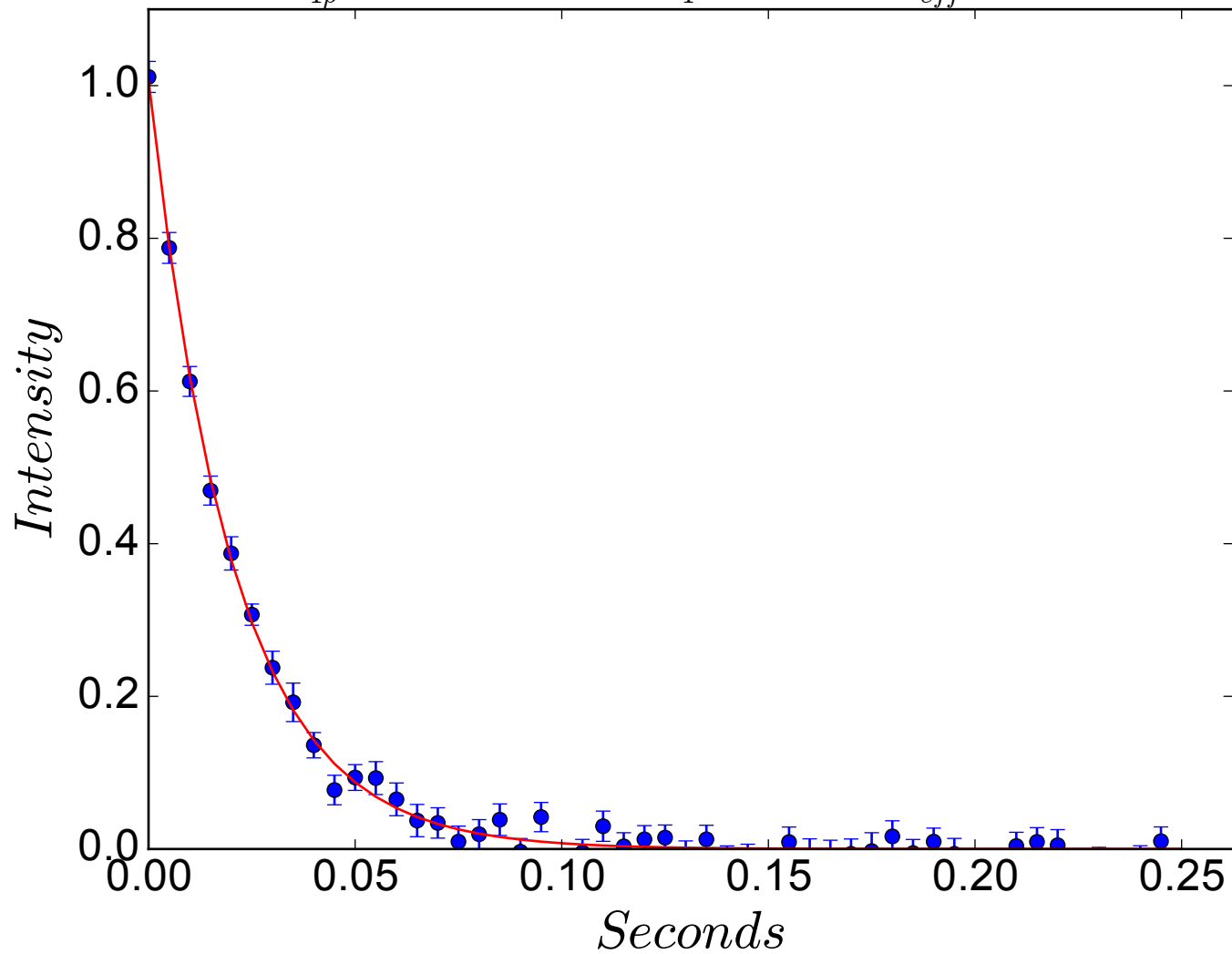
$$R_{1\rho} = 52.2 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 35 \text{ Hz}$$



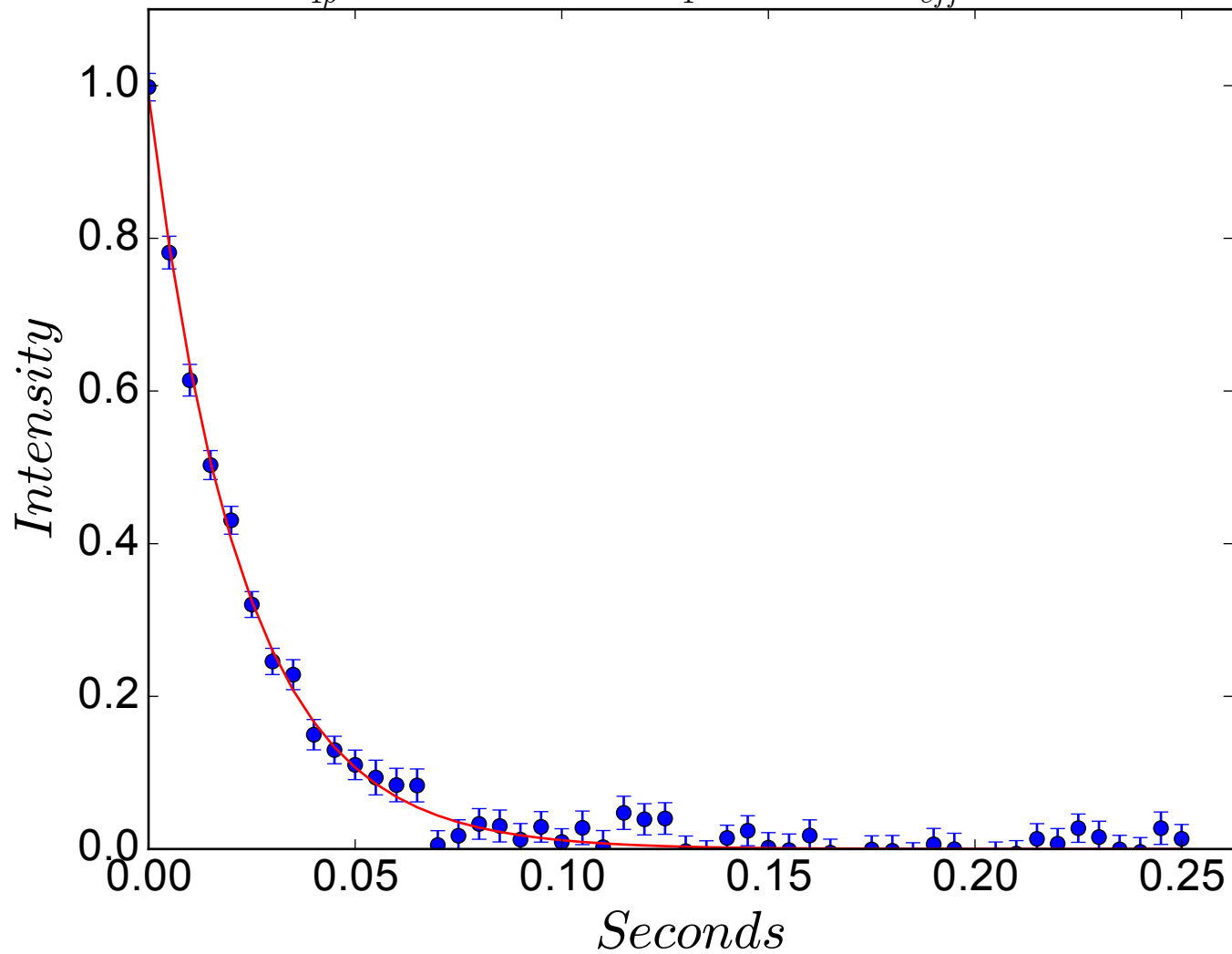
$$R_{1\rho} = 48.6 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 45 \text{ Hz}$$



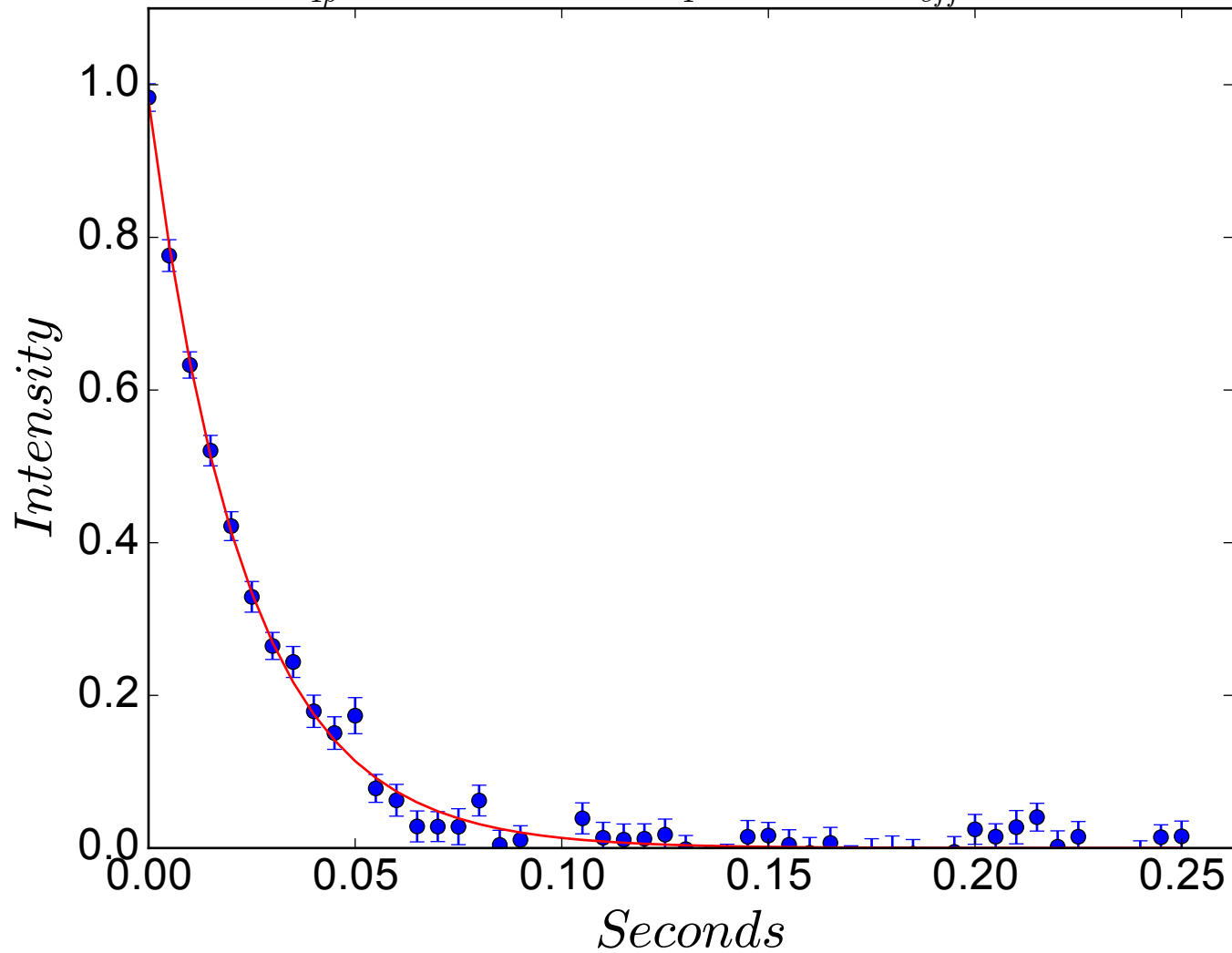
$$R_{1\rho} = 48.9 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 55 \text{ Hz}$$



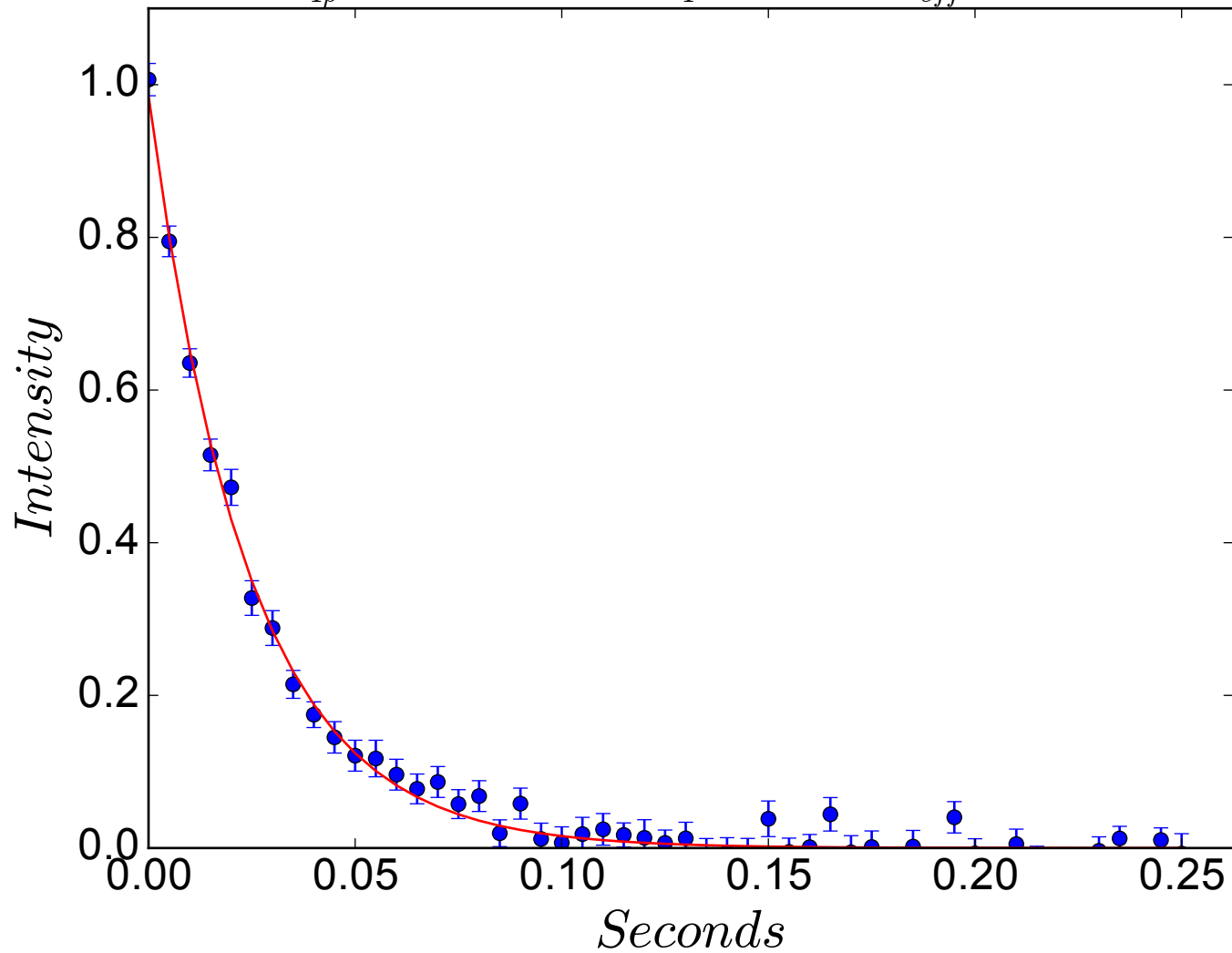
$$R_{1\rho} = 44.5 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 65 \text{ Hz}$$



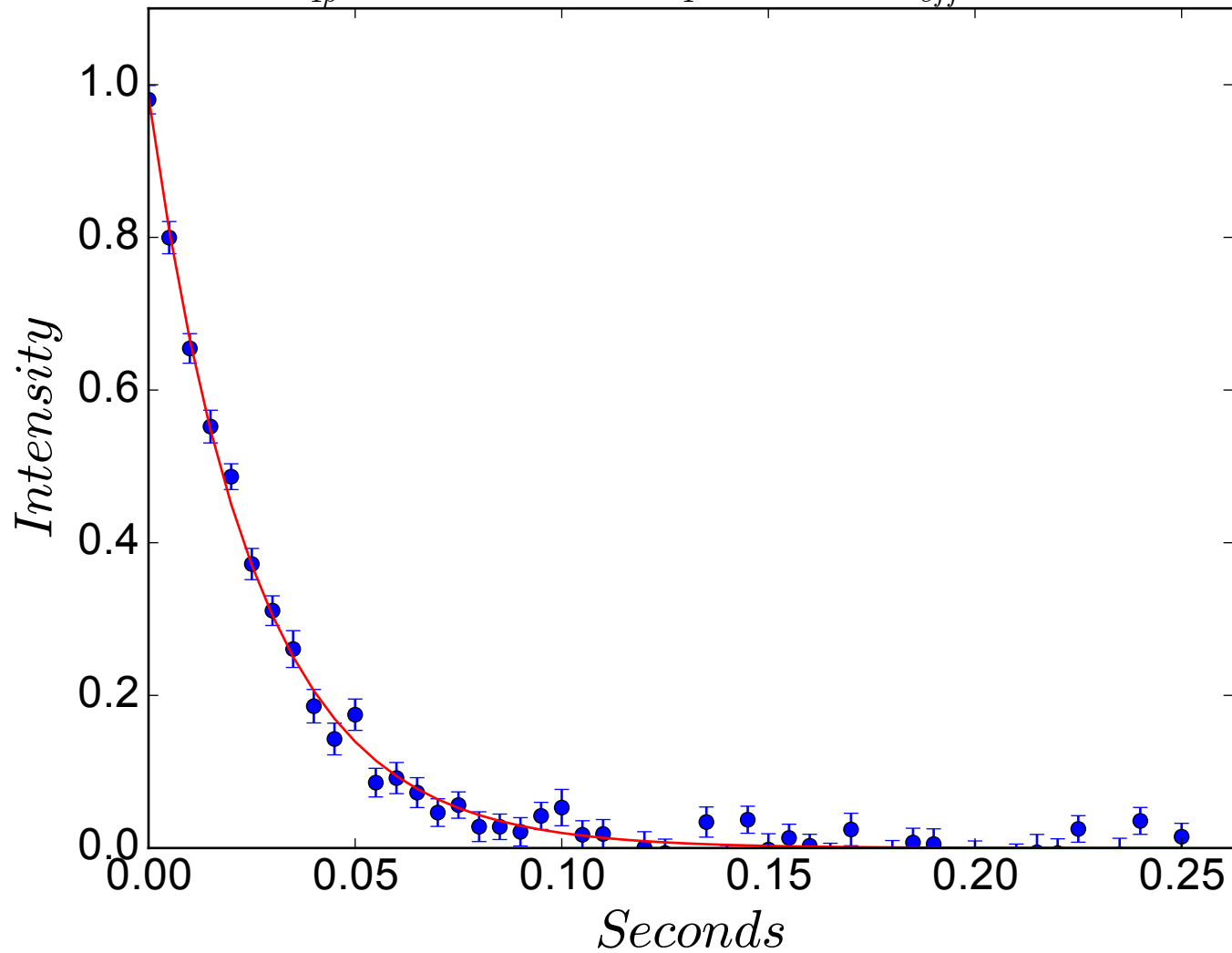
$$R_{1\rho} = 43.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 75 \text{ Hz}$$



$$R_{1\rho} = 41.4 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 85 \text{ Hz}$$

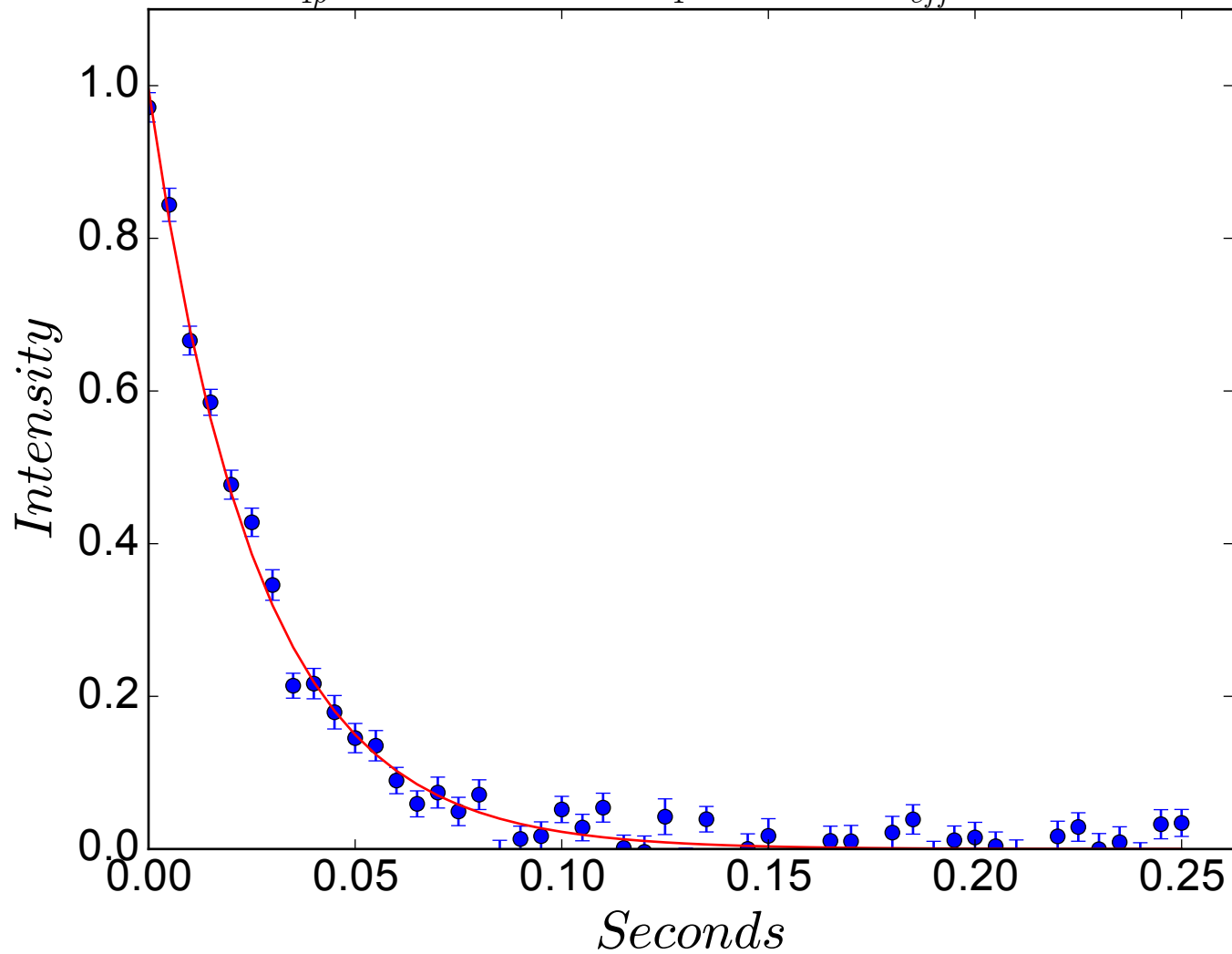


$$R_{1\rho} = 39.1 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 95 \text{ Hz}$$

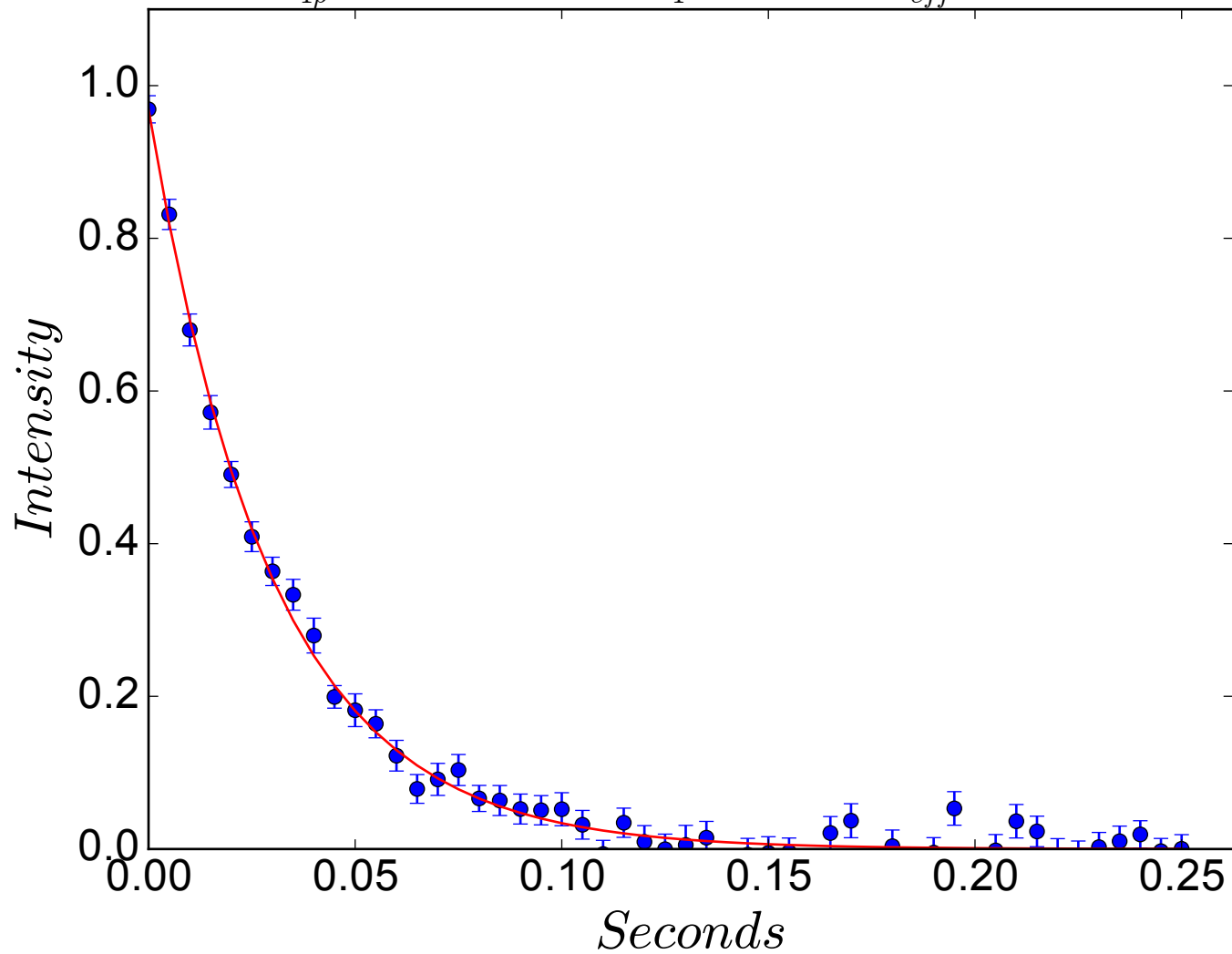




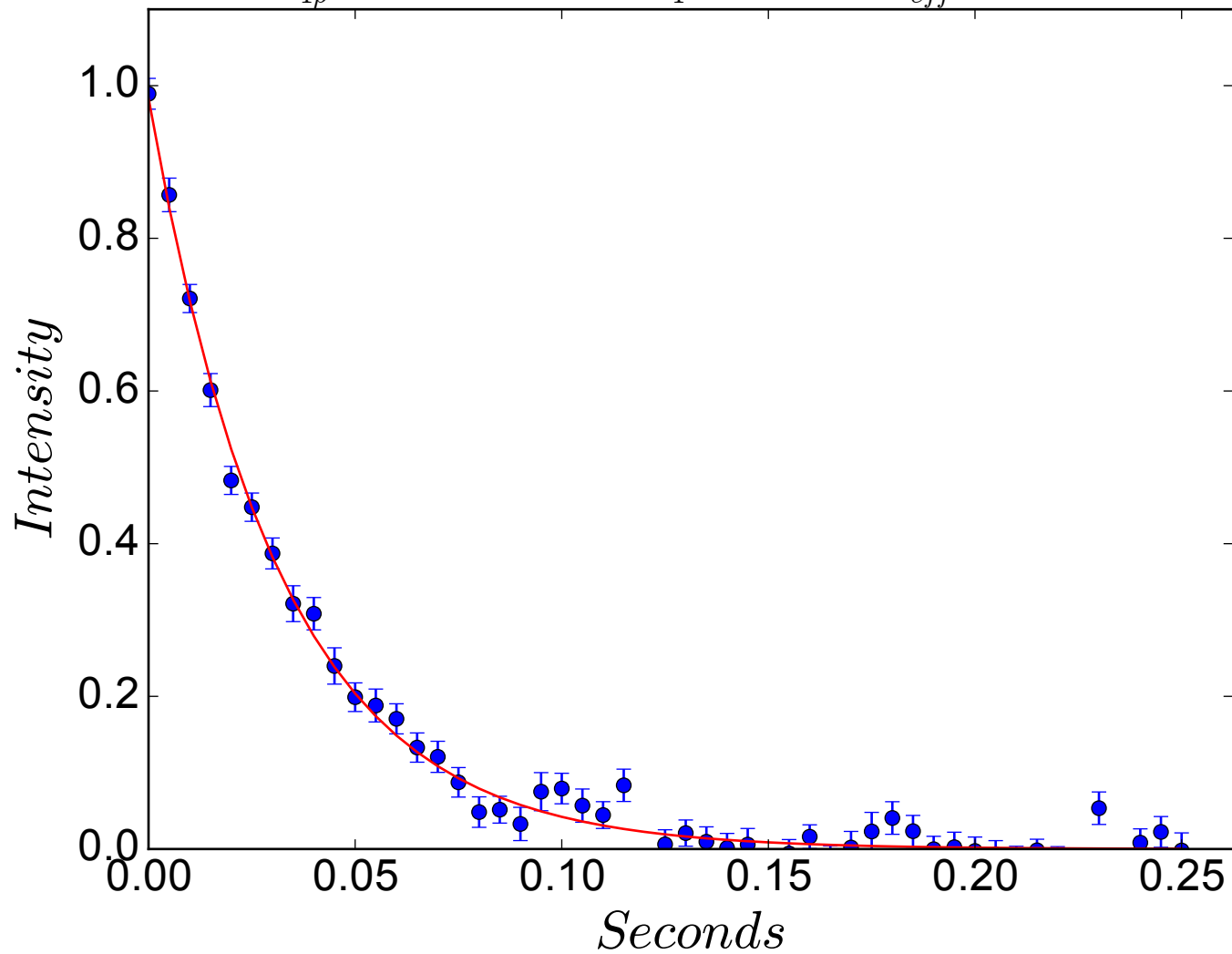
$$R_{1\rho} = 37.9 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 106 \text{ Hz}$$



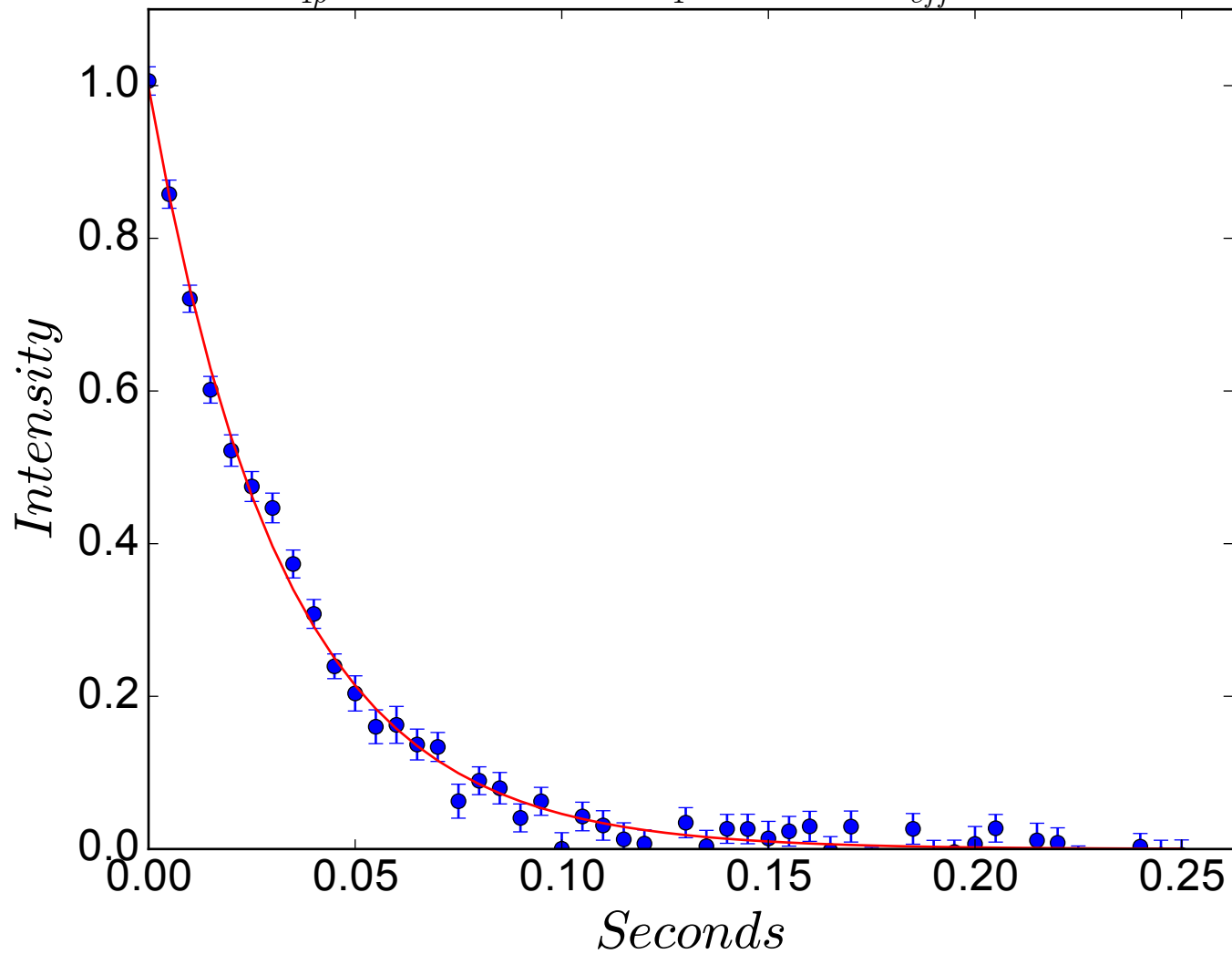
$$R_{1\rho} = 33.5 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 116 \text{ Hz}$$



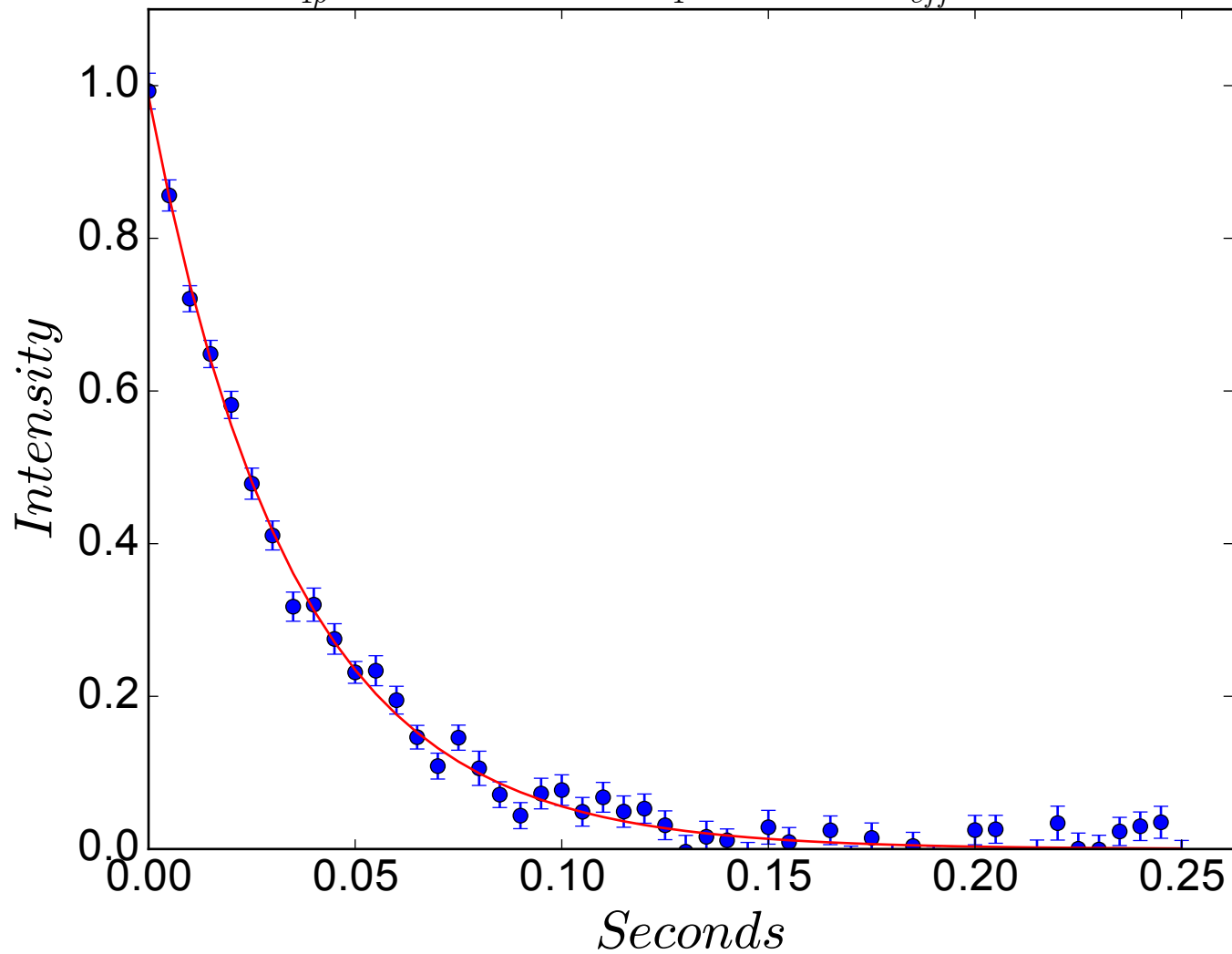
$$R_{1\rho} = 31.5 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 126 \text{ Hz}$$



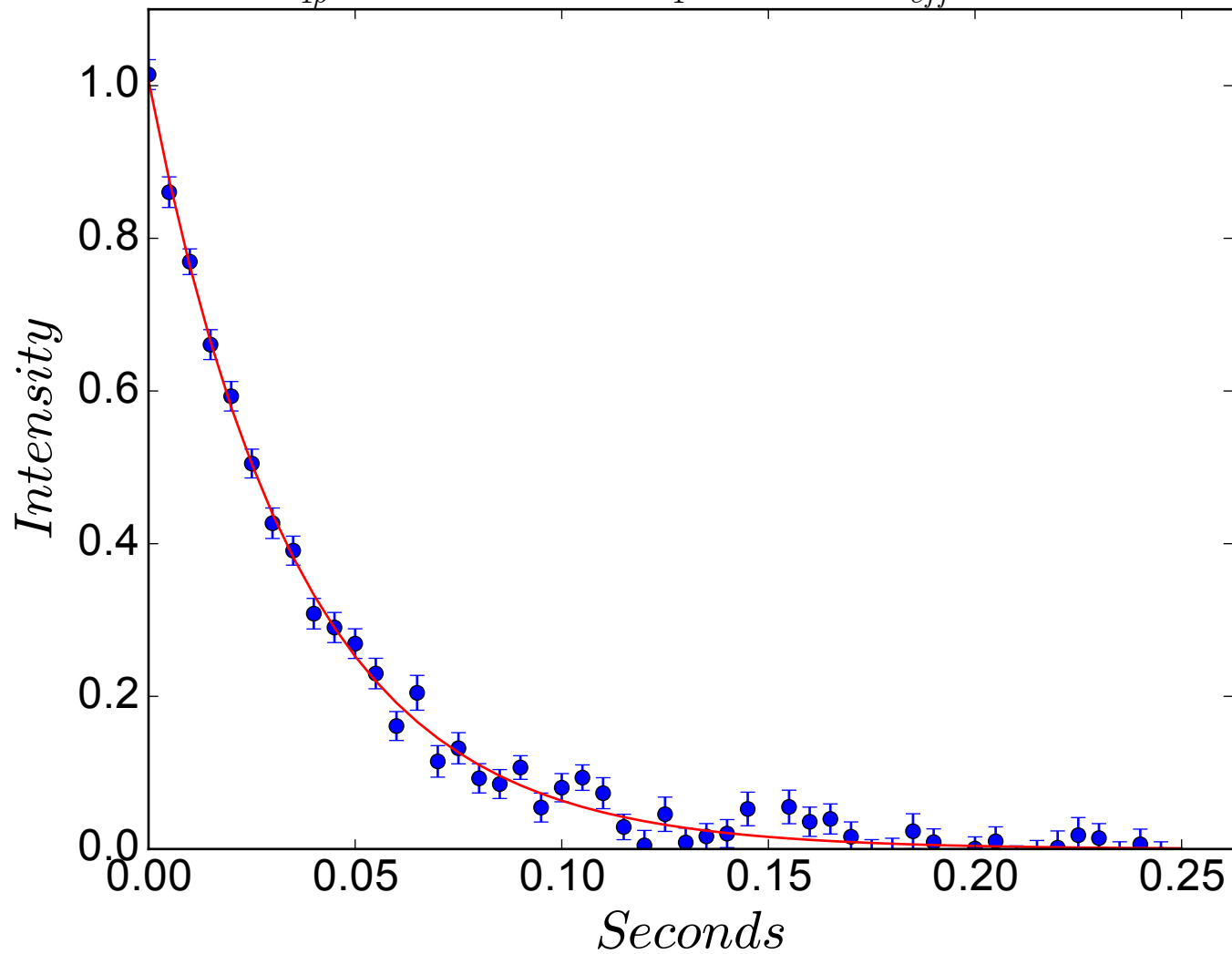
$$R_{1\rho} = 30.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 136 \text{ Hz}$$



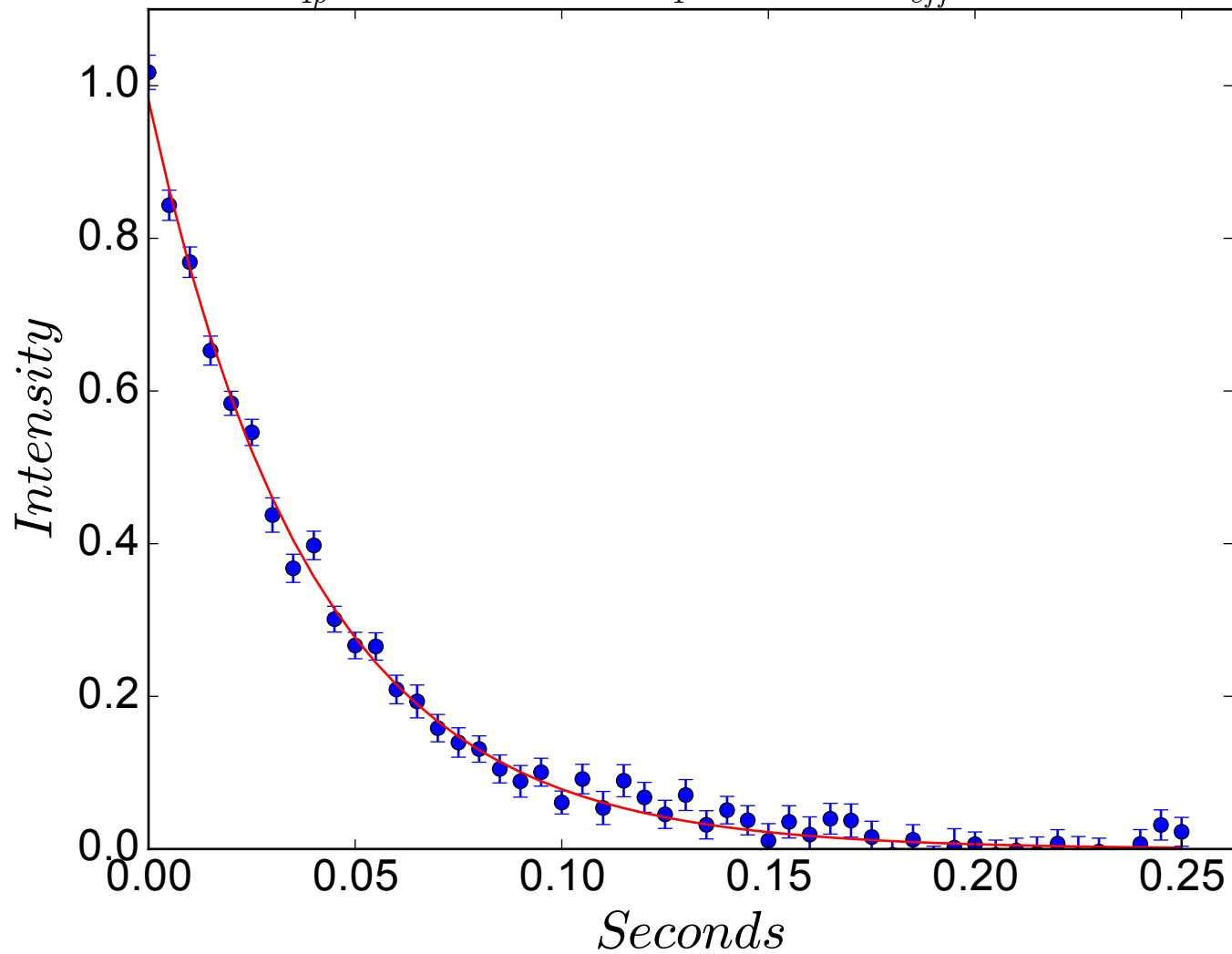
$$R_{1\rho} = 28.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 146 \text{ Hz}$$



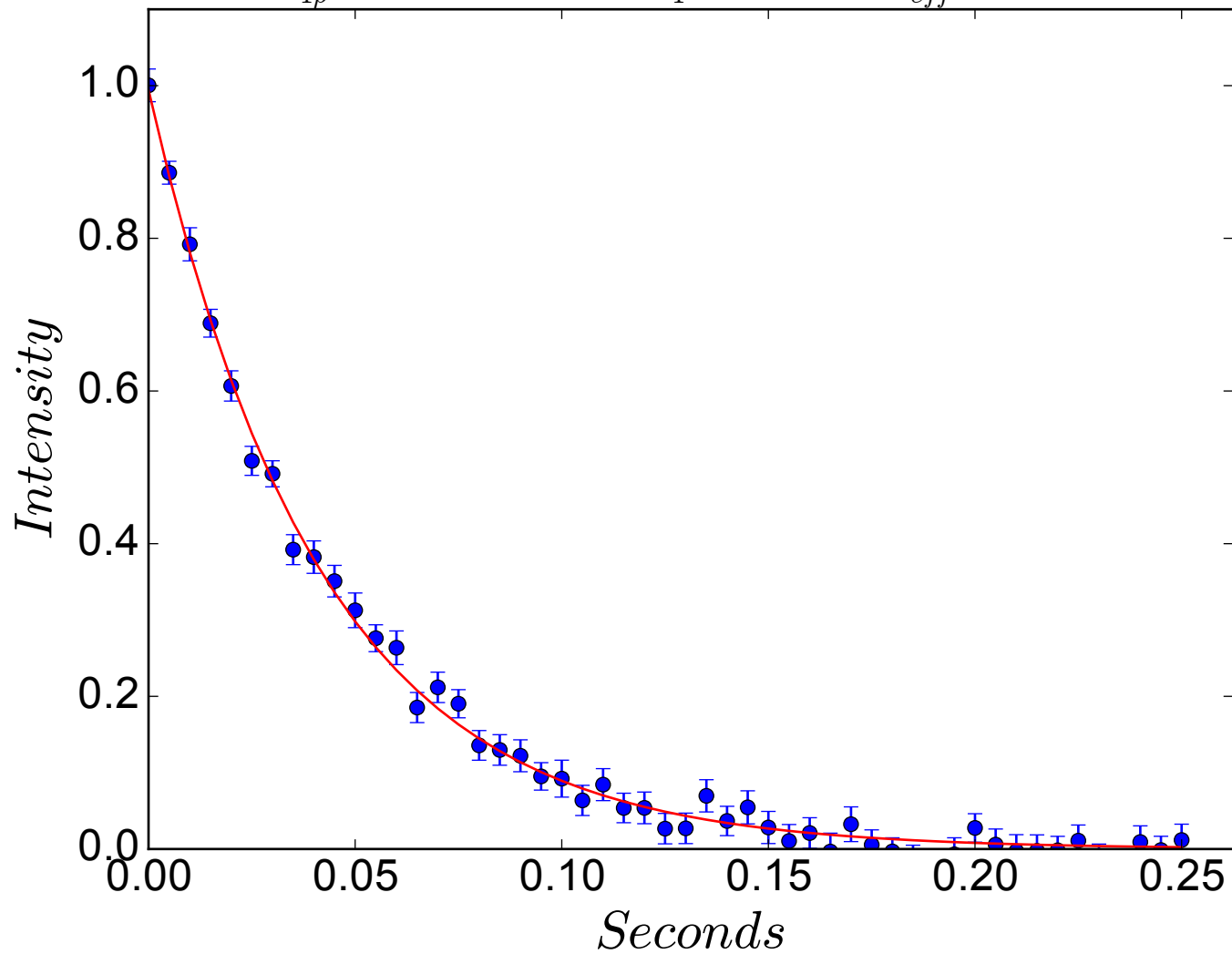
$$R_{1\rho} = 27.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 156 \text{ Hz}$$



$$R_{1\rho} = 25.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 166 \text{ Hz}$$

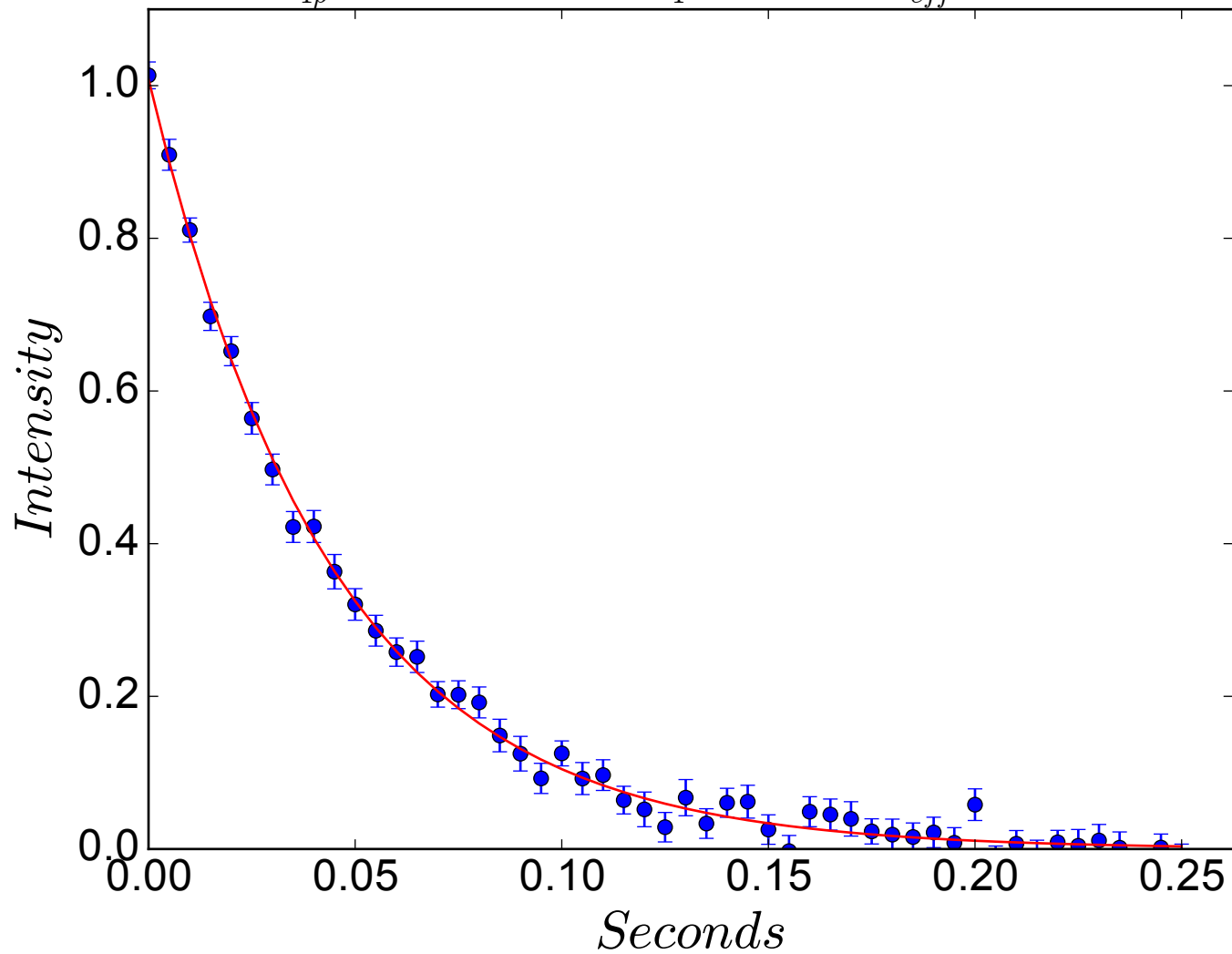


$$R_{1\rho} = 24.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 176 \text{ Hz}$$

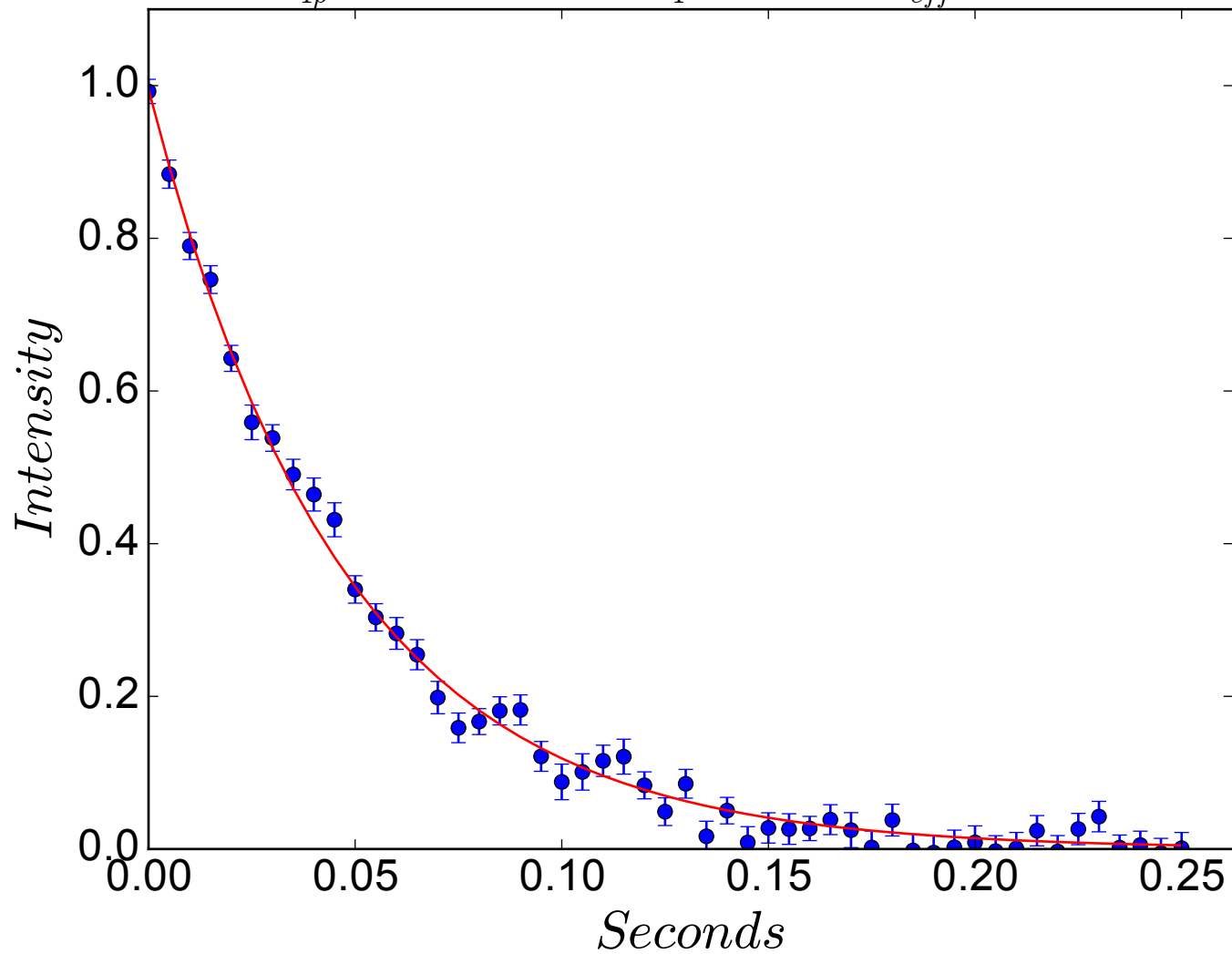




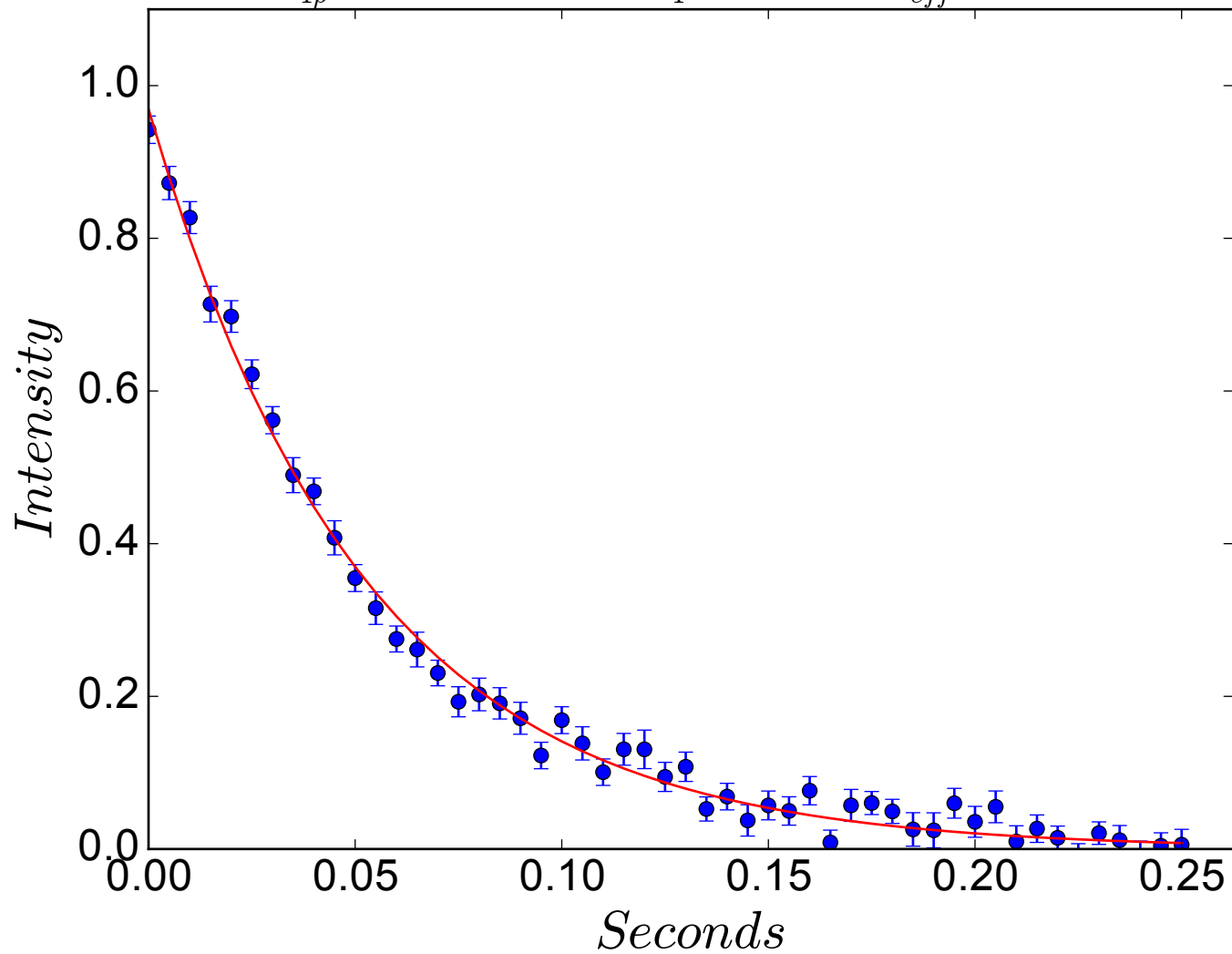
$$R_{1\rho} = 22.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 186 \text{ Hz}$$



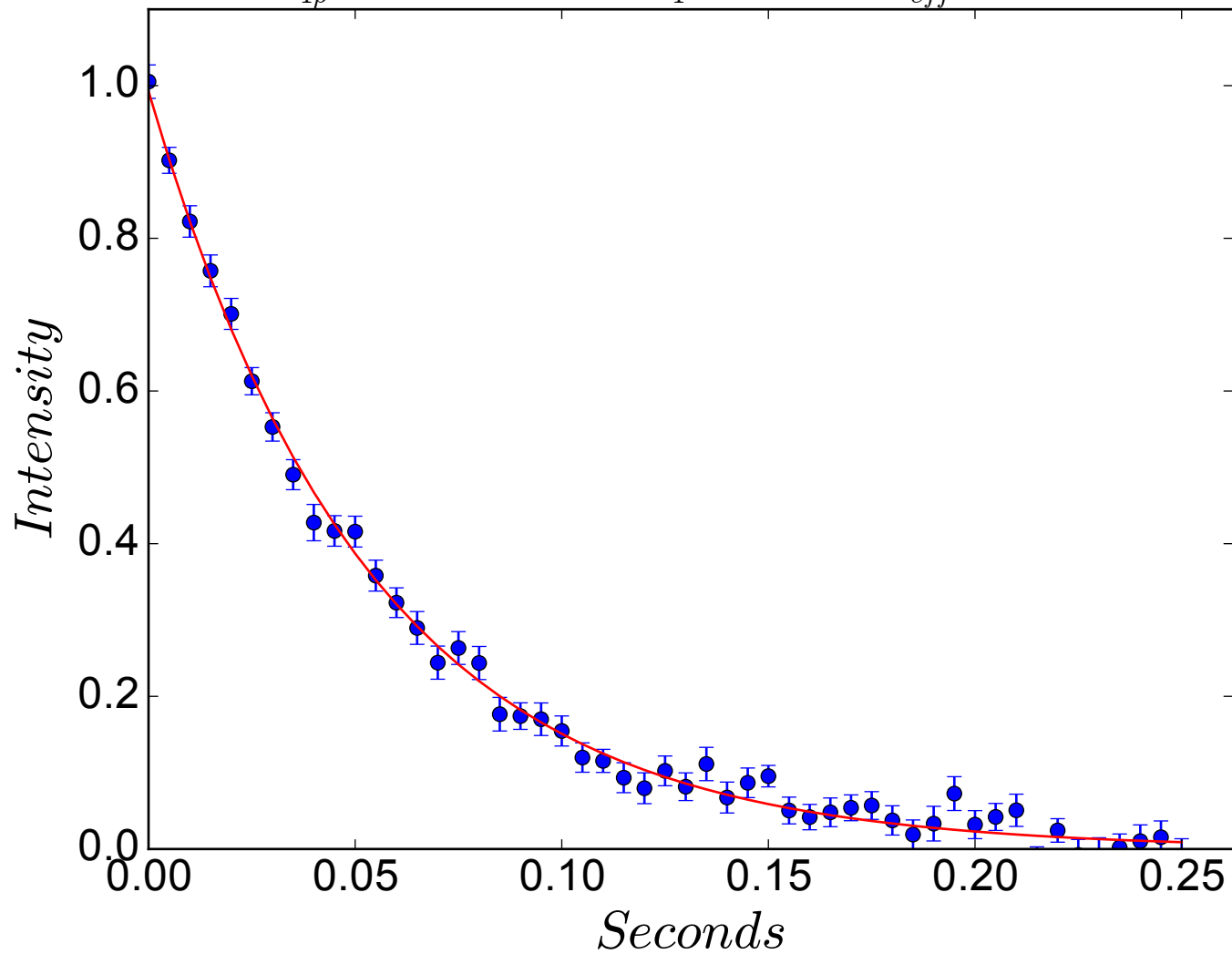
$$R_{1\rho} = 21.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 196 \text{ Hz}$$



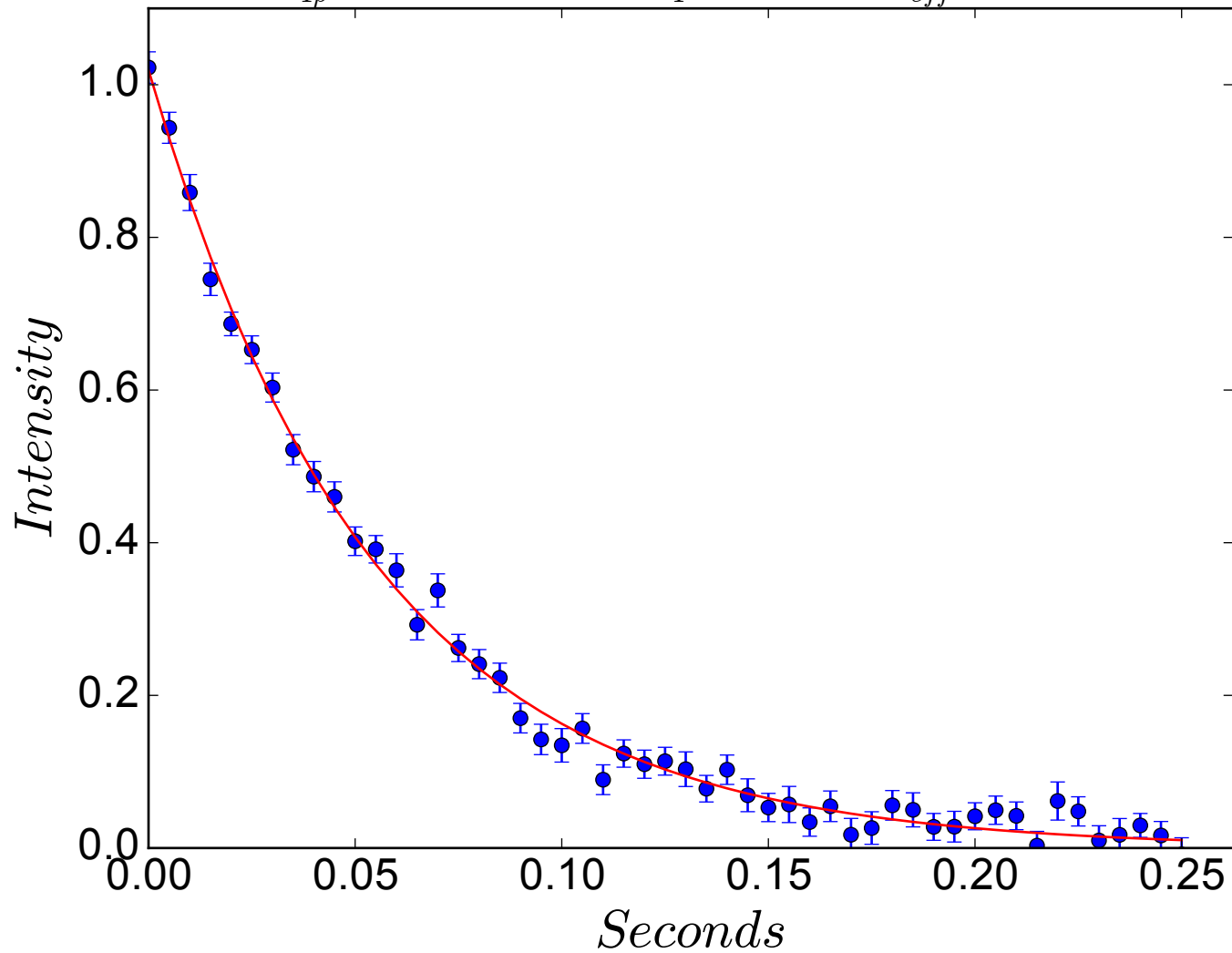
$$R_{1\rho} = 19.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 206 \text{ Hz}$$



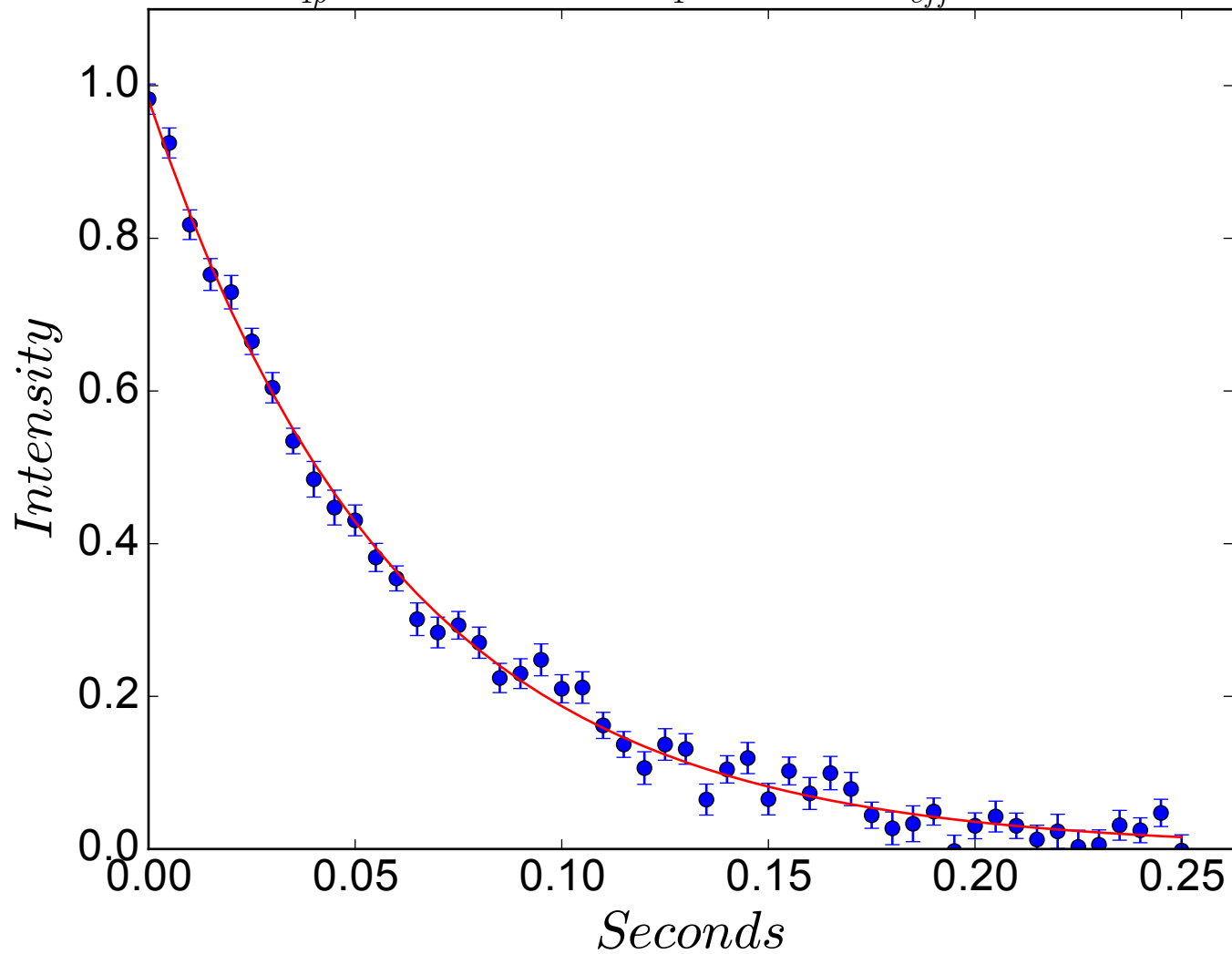
$$R_{1\rho} = 18.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 216 \text{ Hz}$$



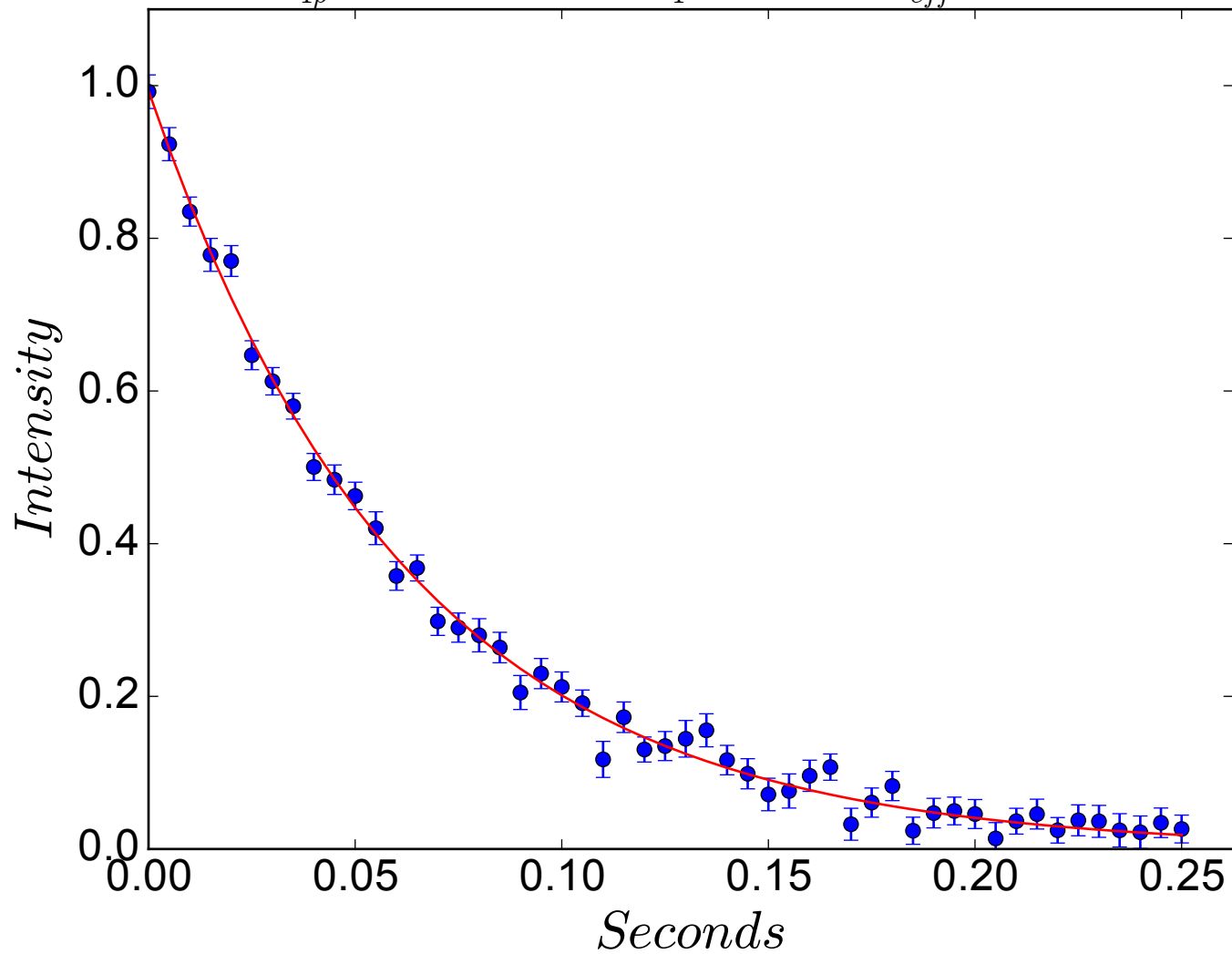
$$R_{1\rho} = 18.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 226 \text{ Hz}$$



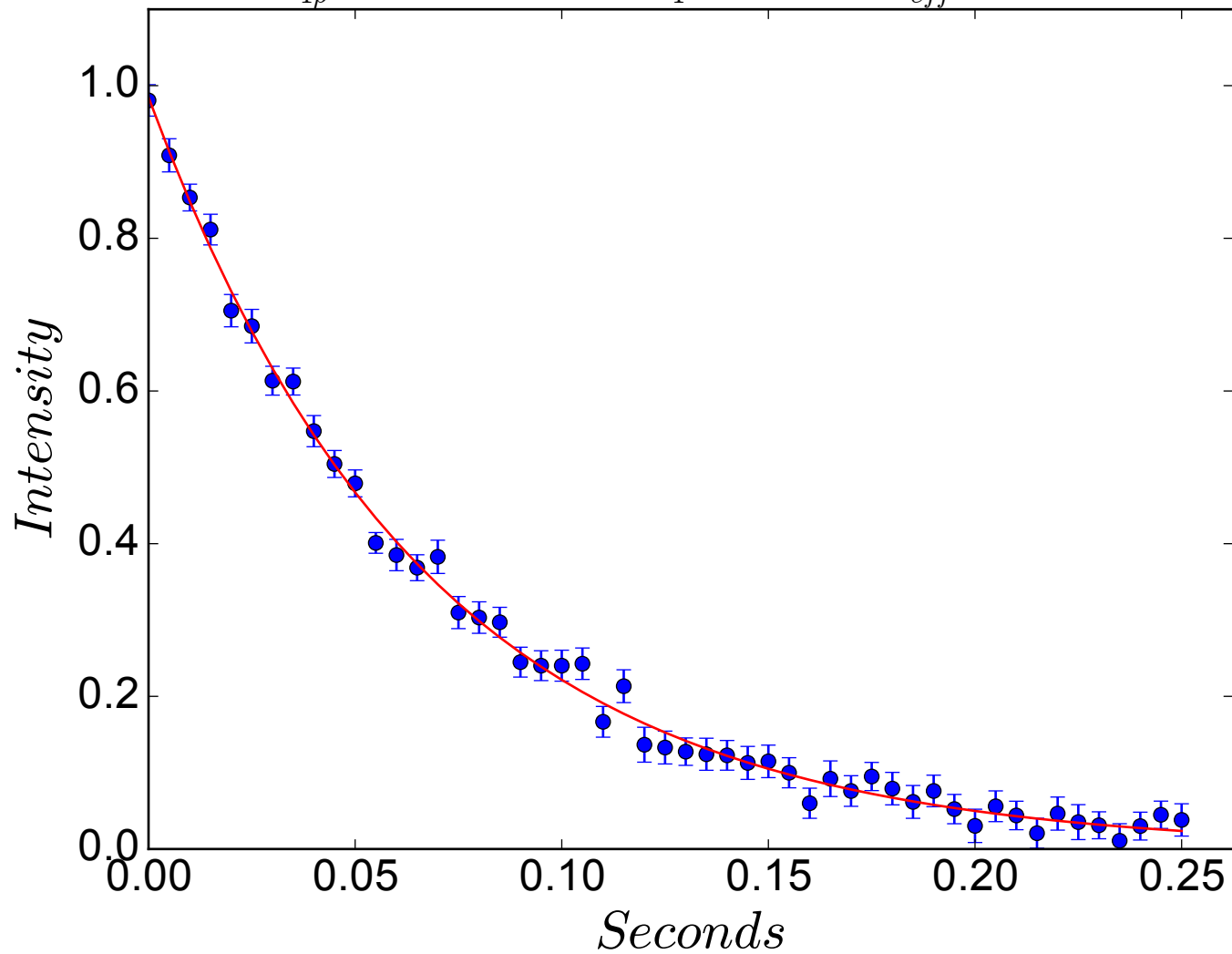
$$R_{1\rho} = 16.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 236 \text{ Hz}$$



$$R_{1\rho} = 16.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 246 \text{ Hz}$$

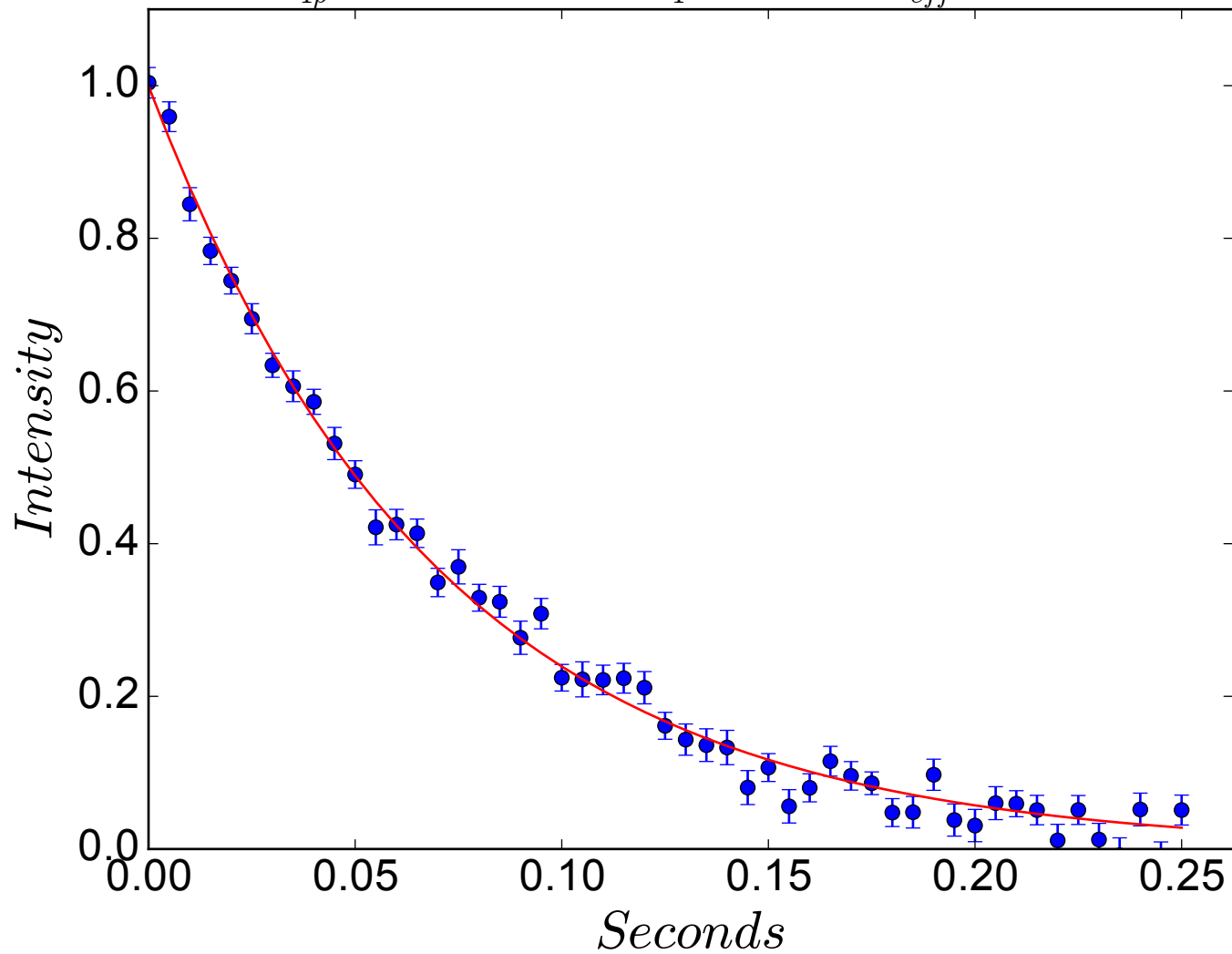


$$R_{1\rho} = 14.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 256 \text{ Hz}$$

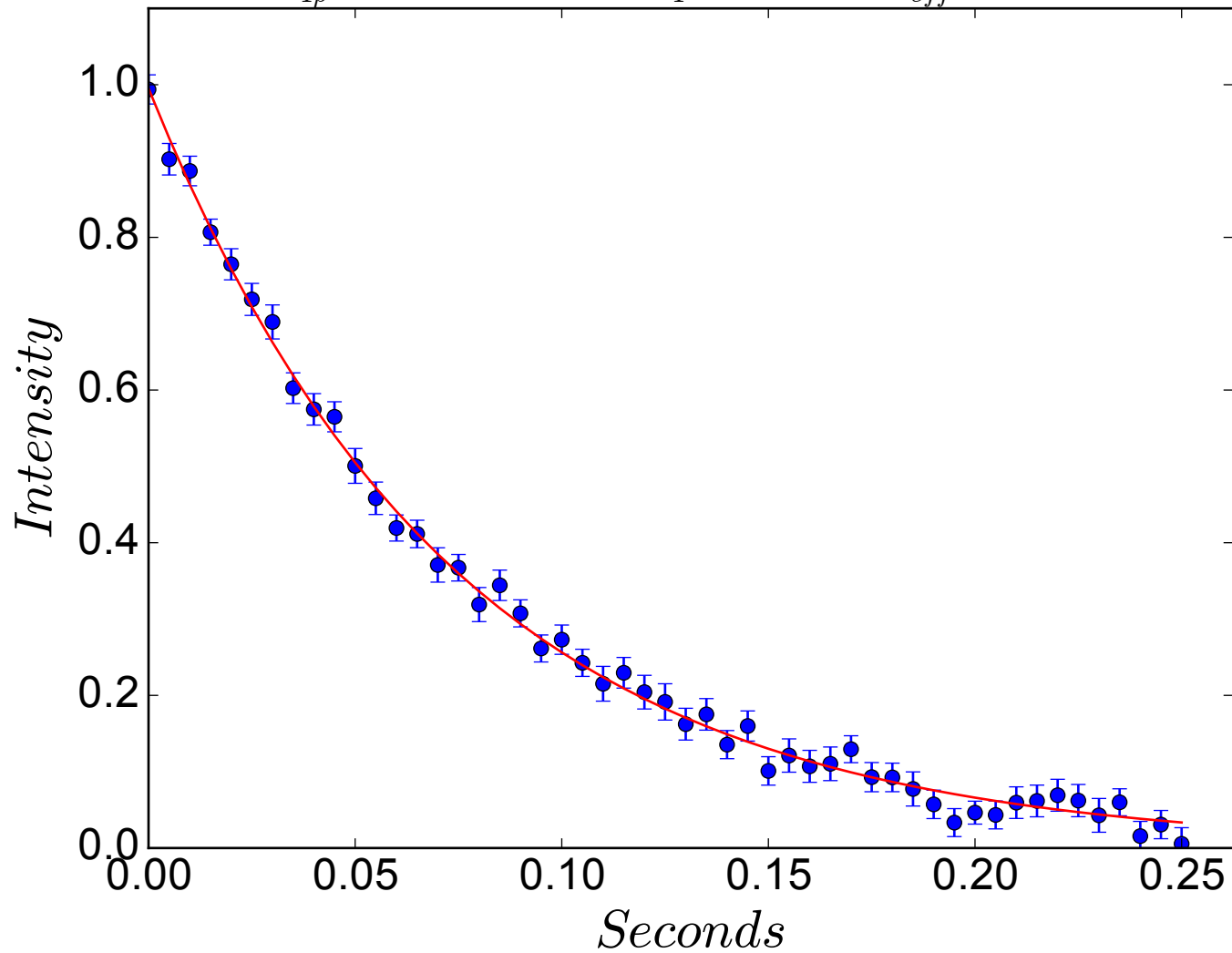




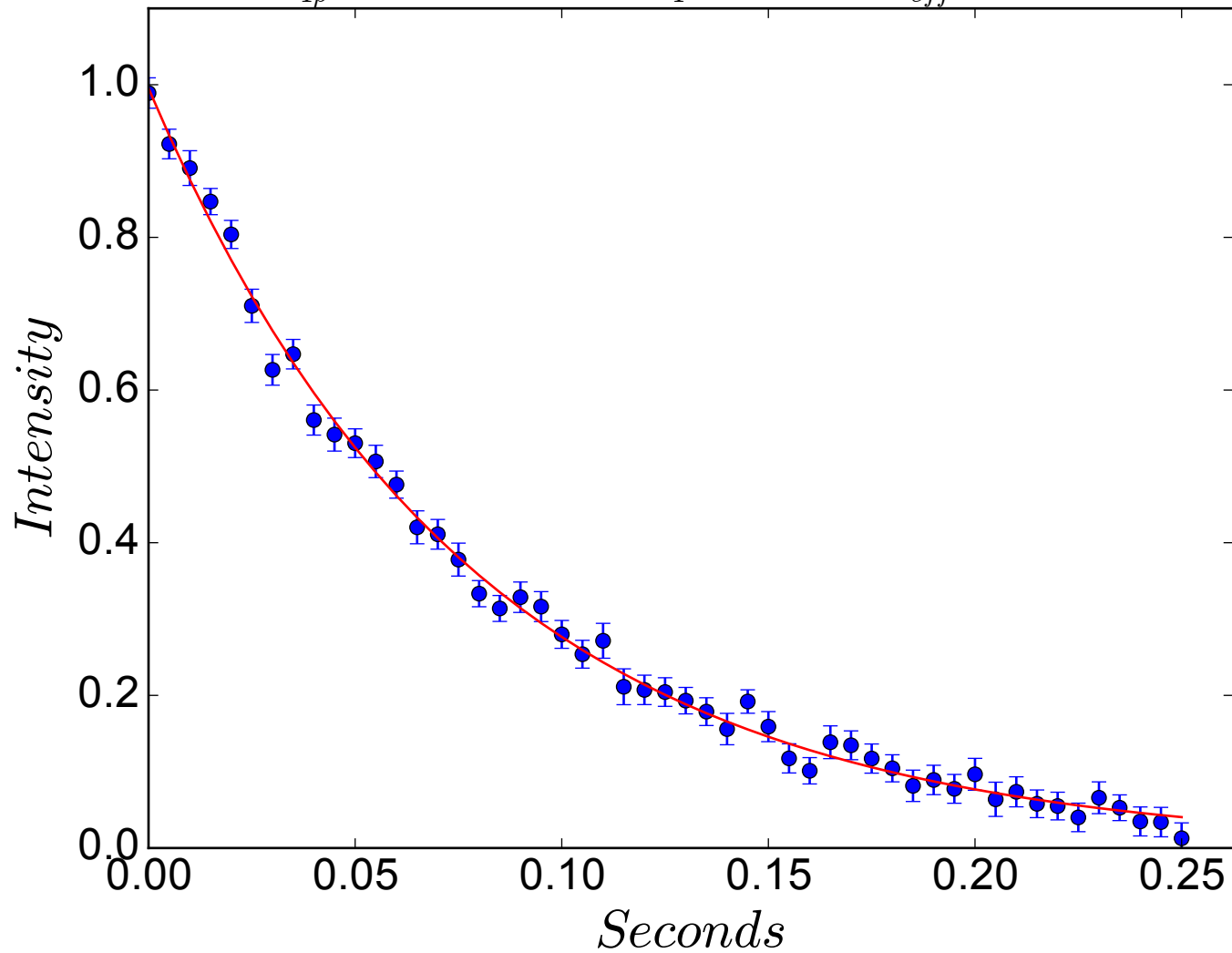
$$R_{1\rho} = 14.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 266 \text{ Hz}$$



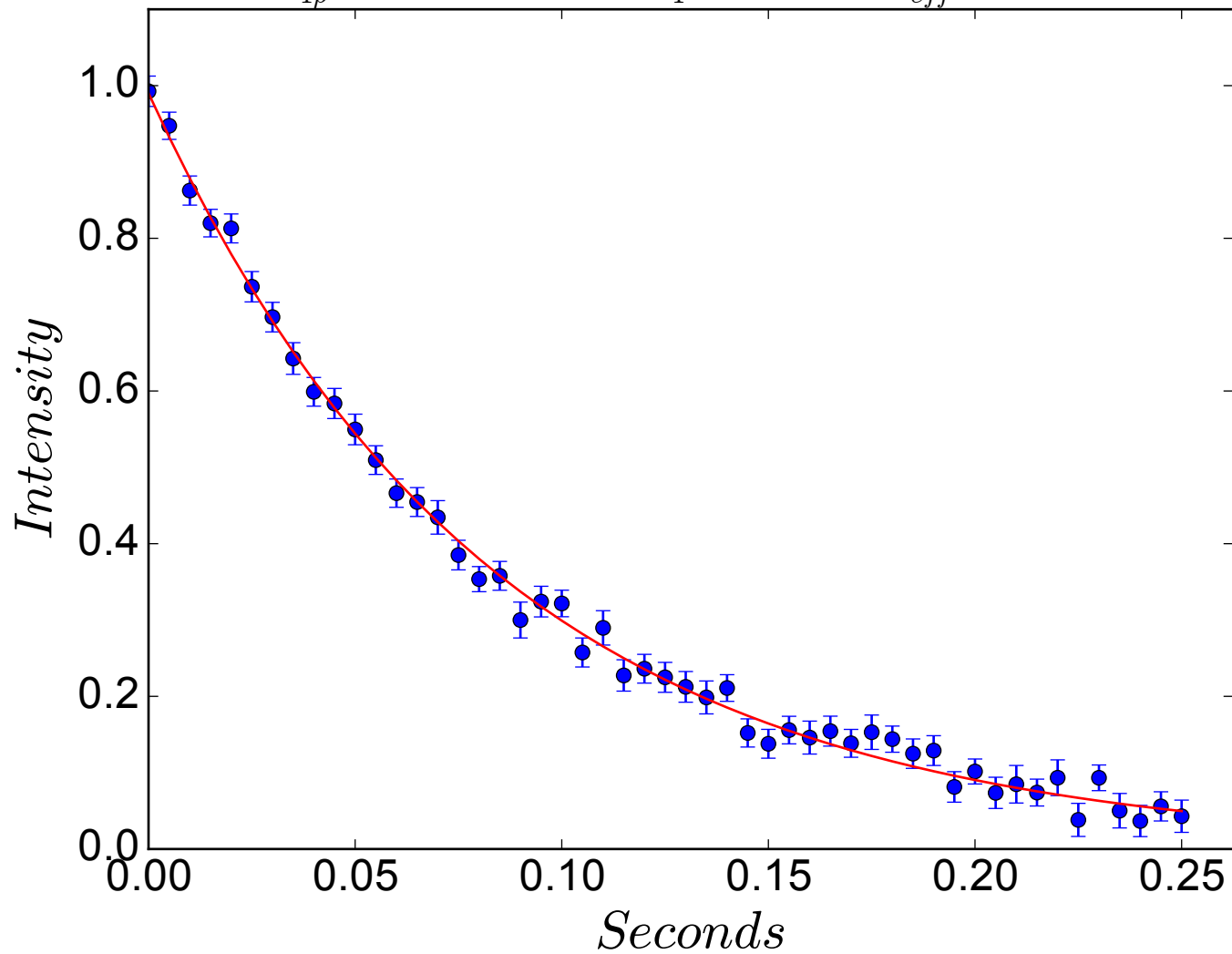
$$R_{1\rho} = 13.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 276 \text{ Hz}$$



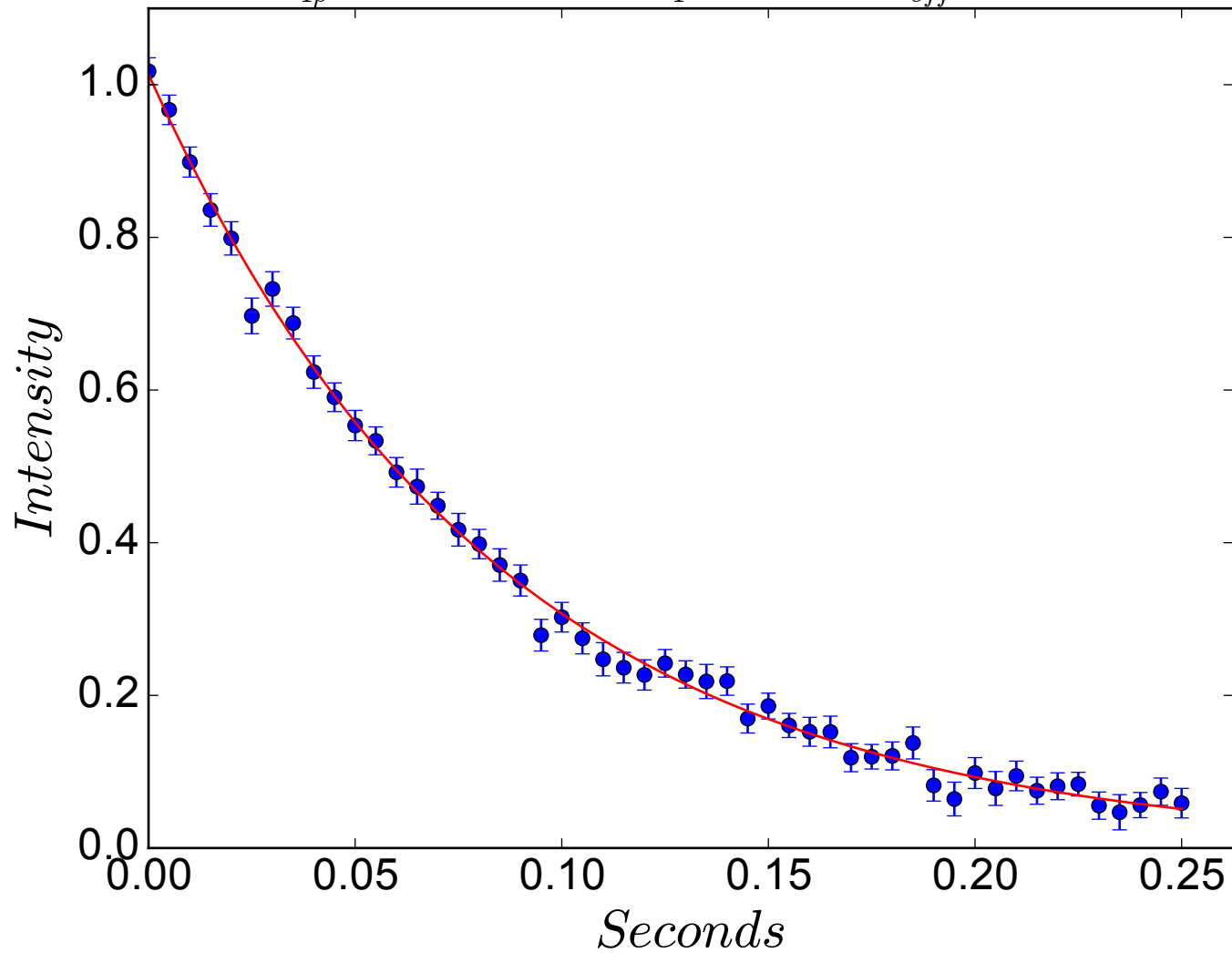
$$R_{1\rho} = 12.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 286 \text{ Hz}$$



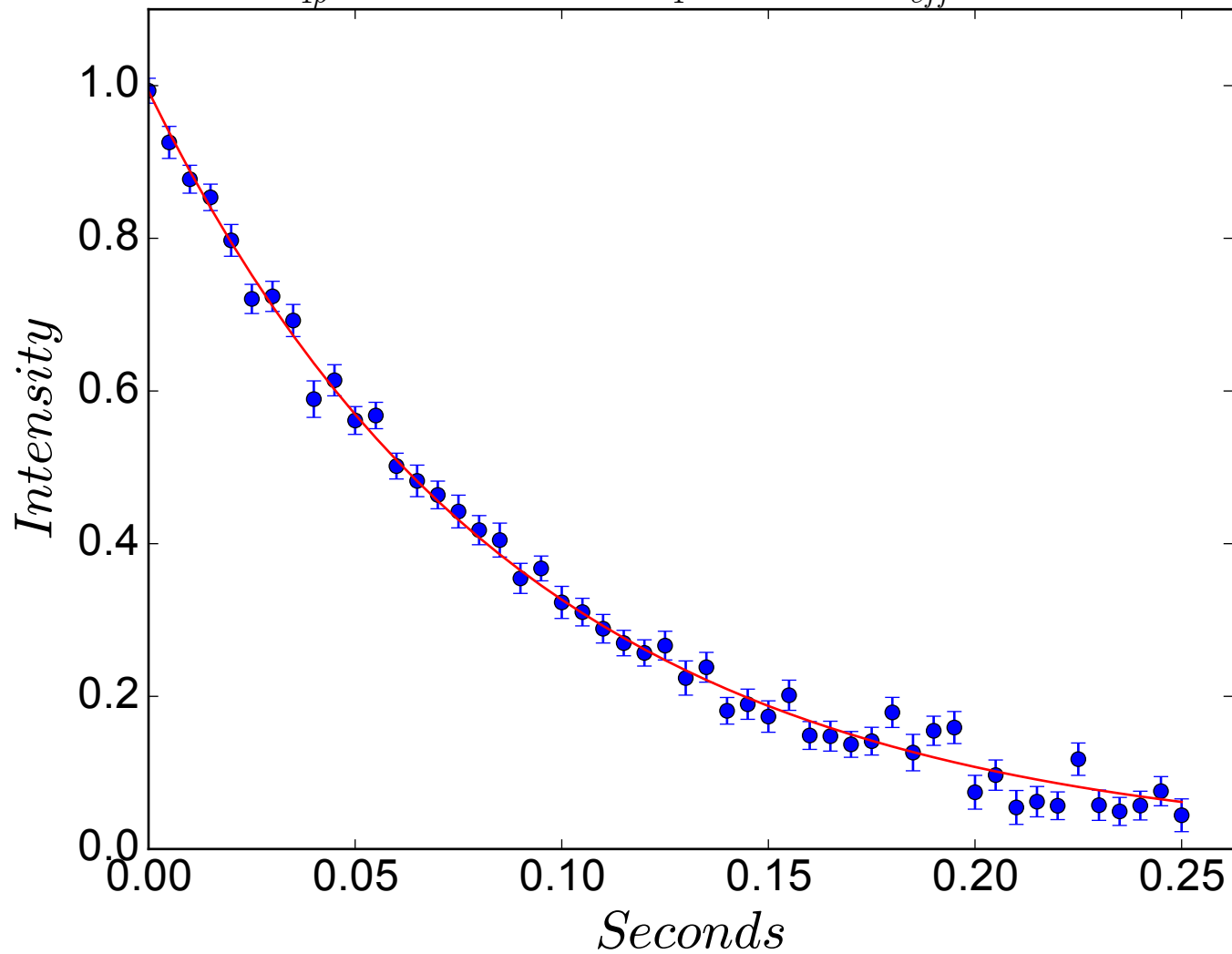
$$R_{1\rho} = 12.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 296 \text{ Hz}$$



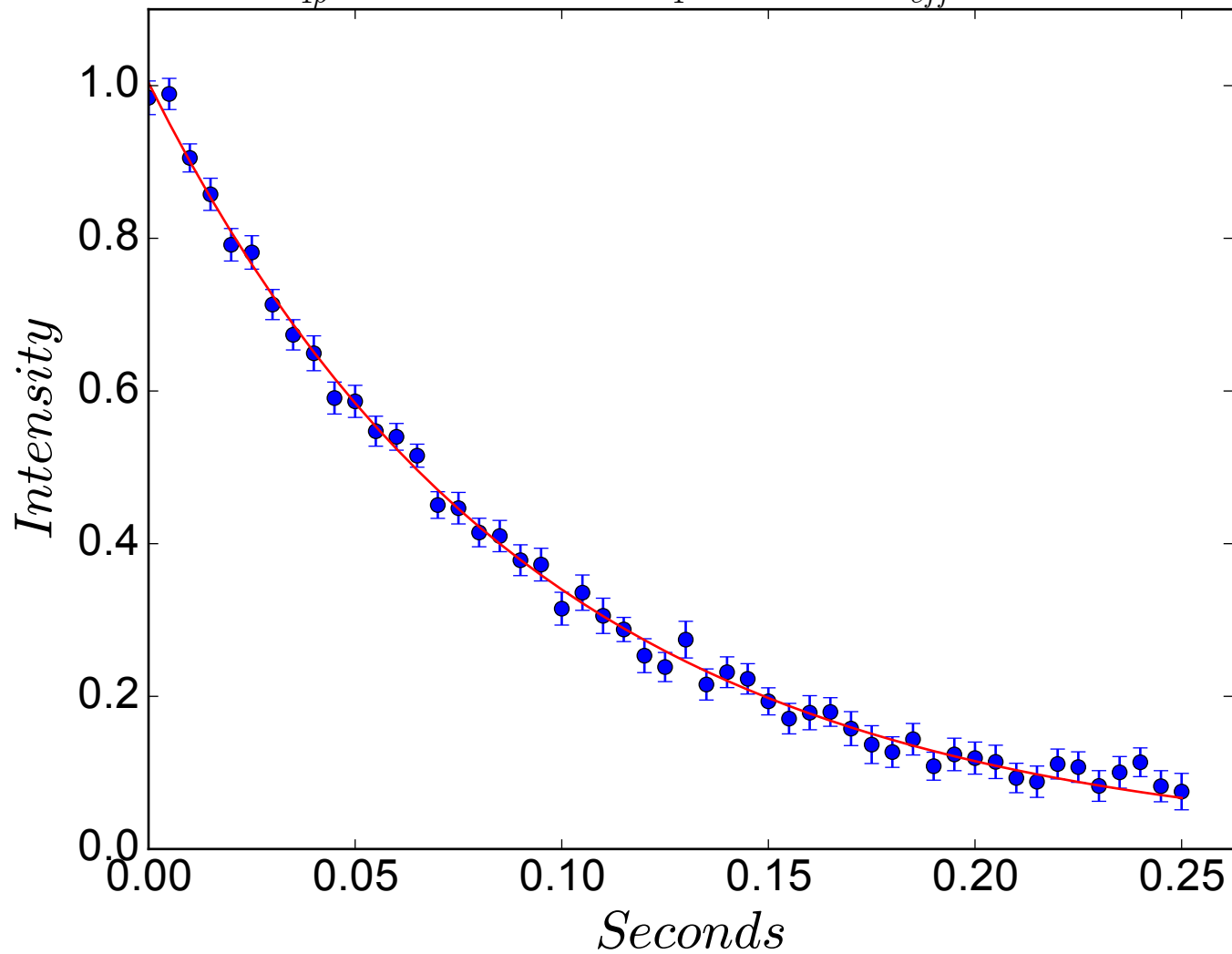
$$R_{1\rho} = 11.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 307 \text{ Hz}$$



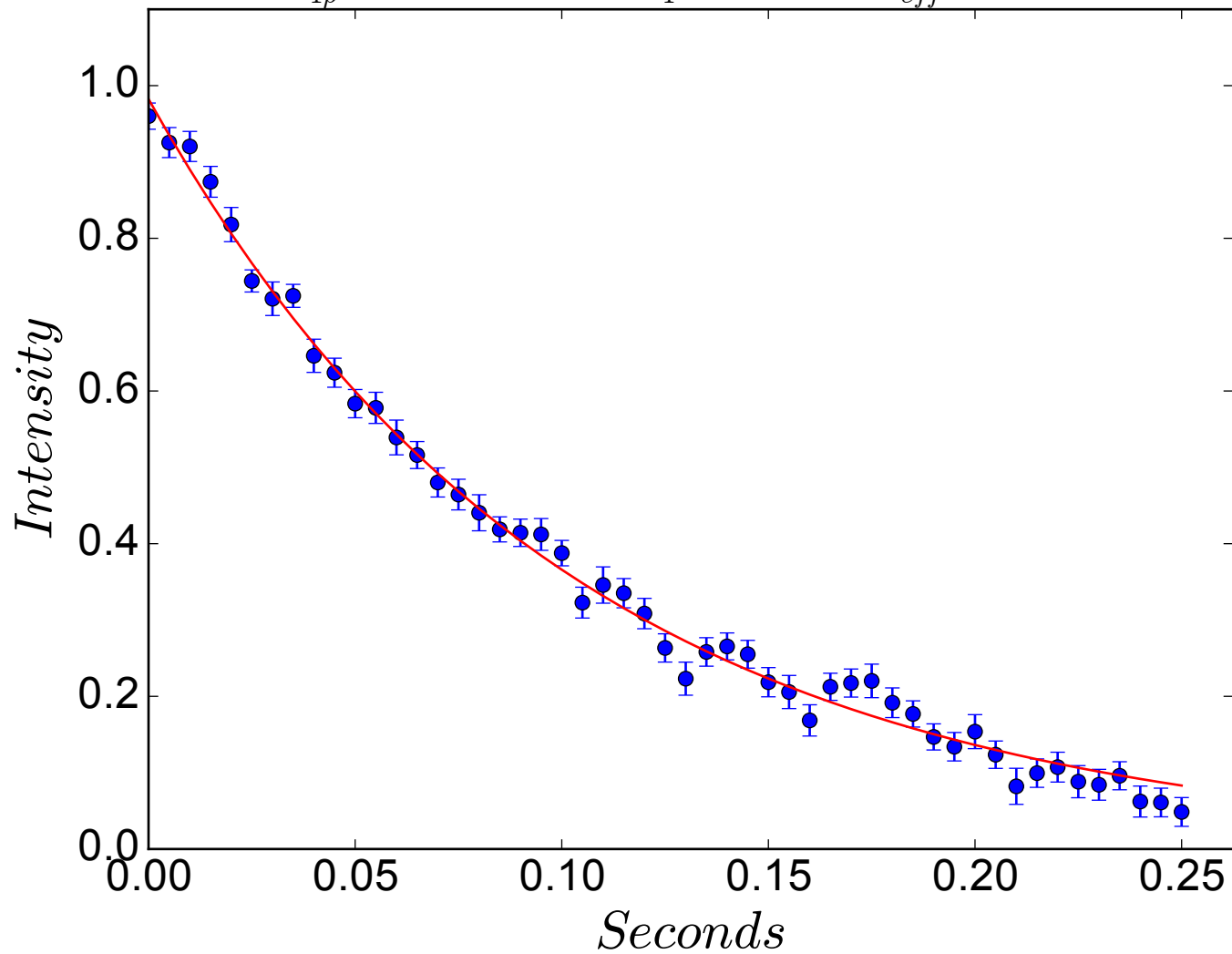
$$R_{1\rho} = 11.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 317 \text{ Hz}$$



$$R_{1\rho} = 10.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 327 \text{ Hz}$$

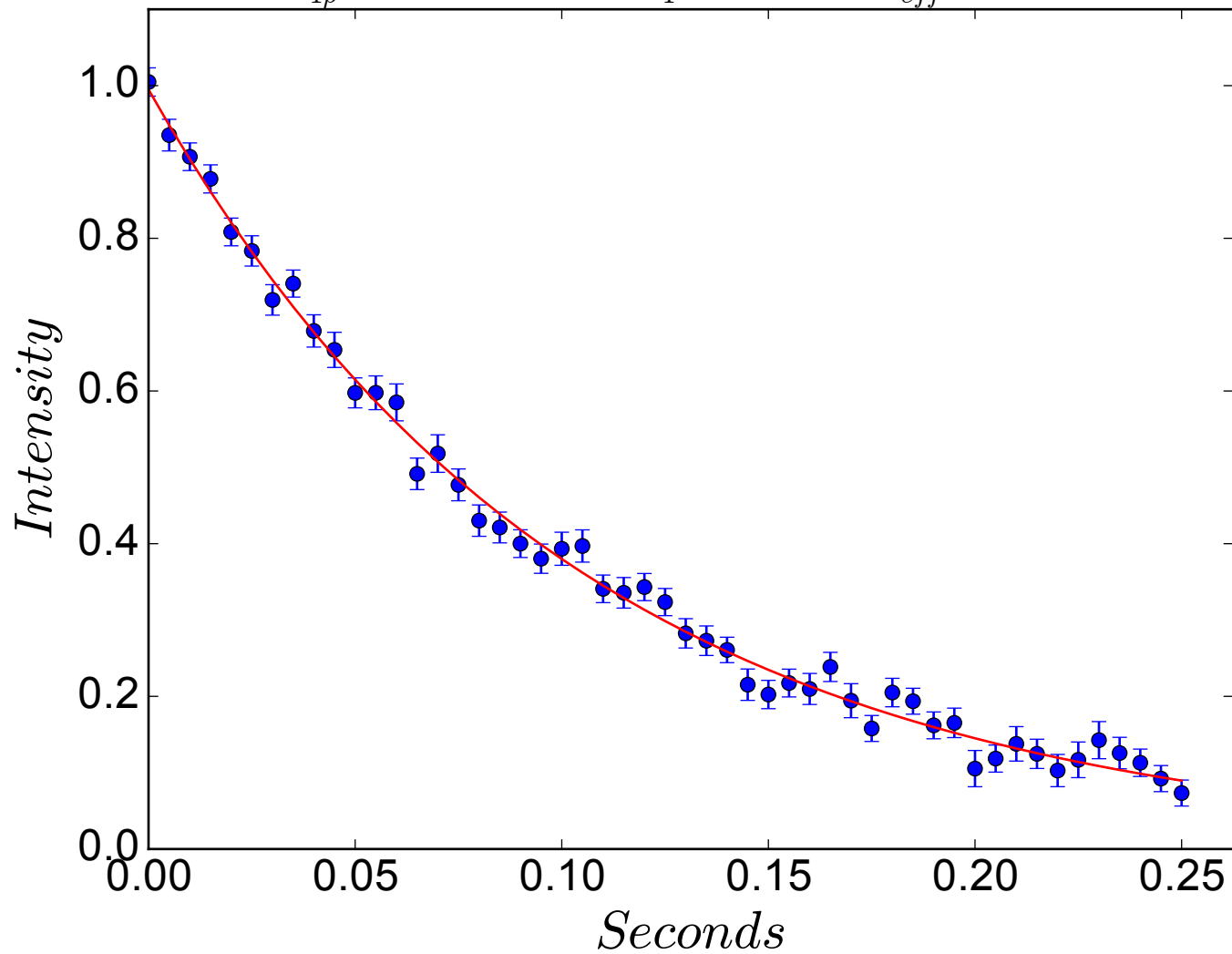


$$R_{1\rho} = 9.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 337 \text{ Hz}$$

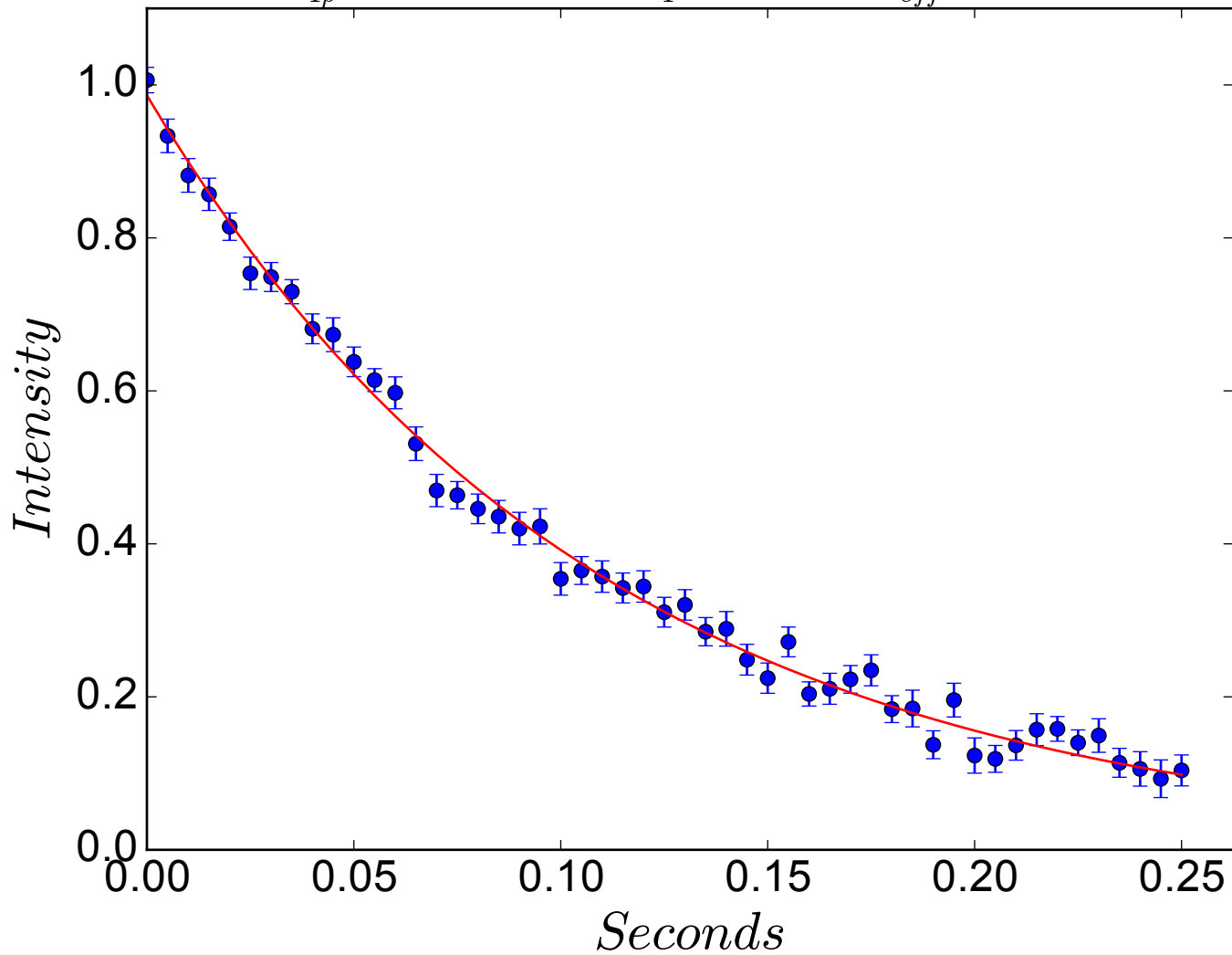




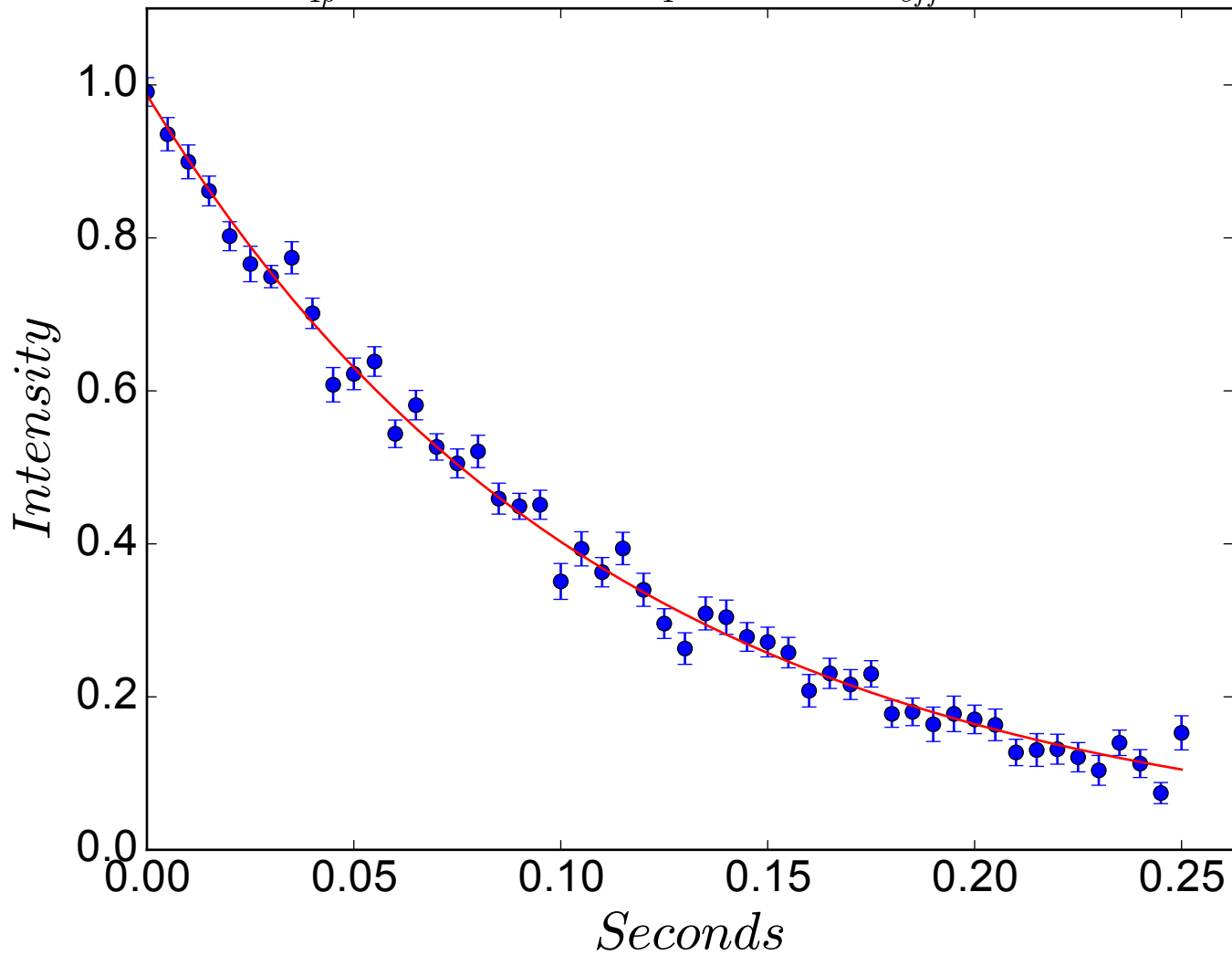
$$R_{1\rho} = 9.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 347 \text{ Hz}$$



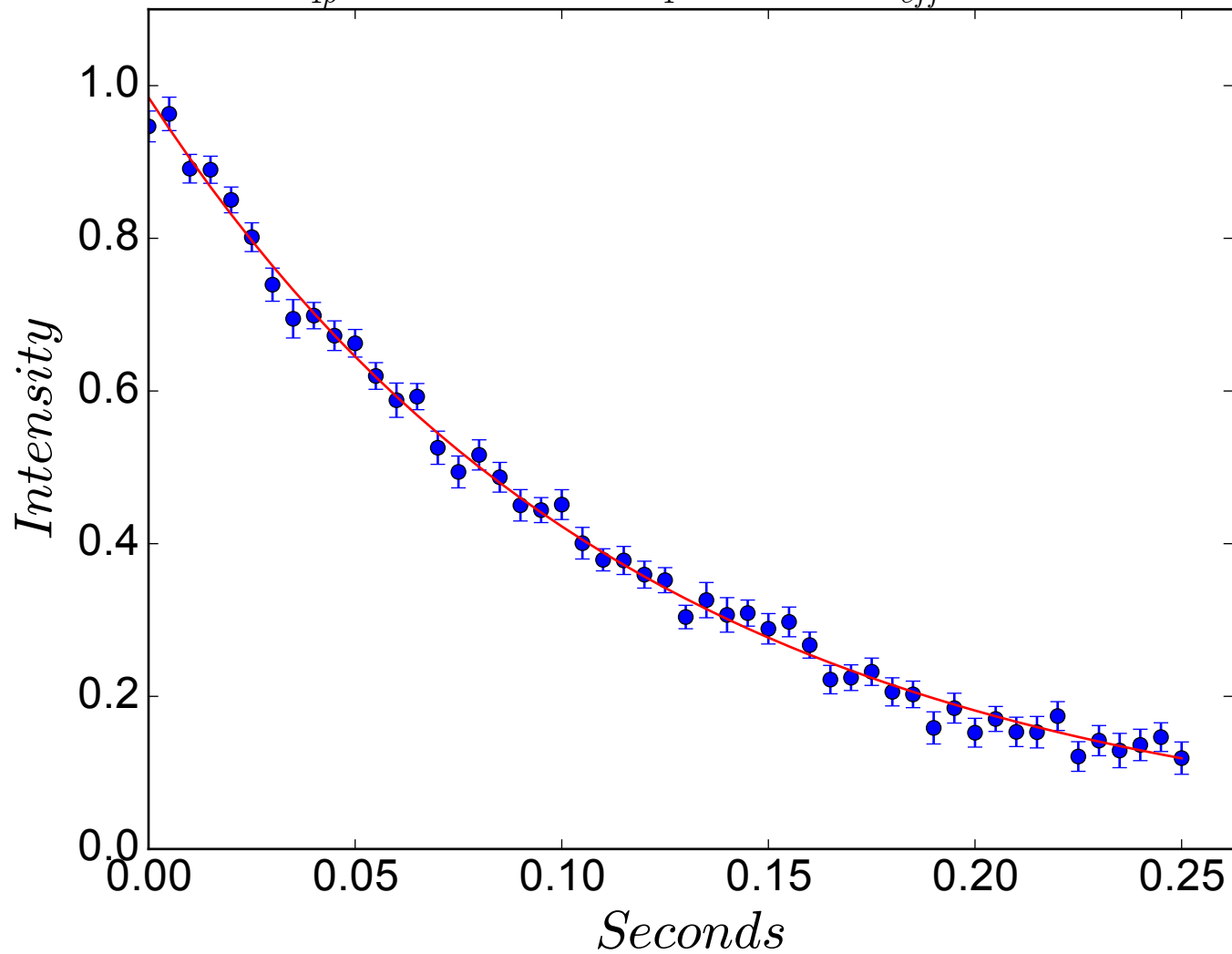
$$R_{1\rho} = 9.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 357 \text{ Hz}$$



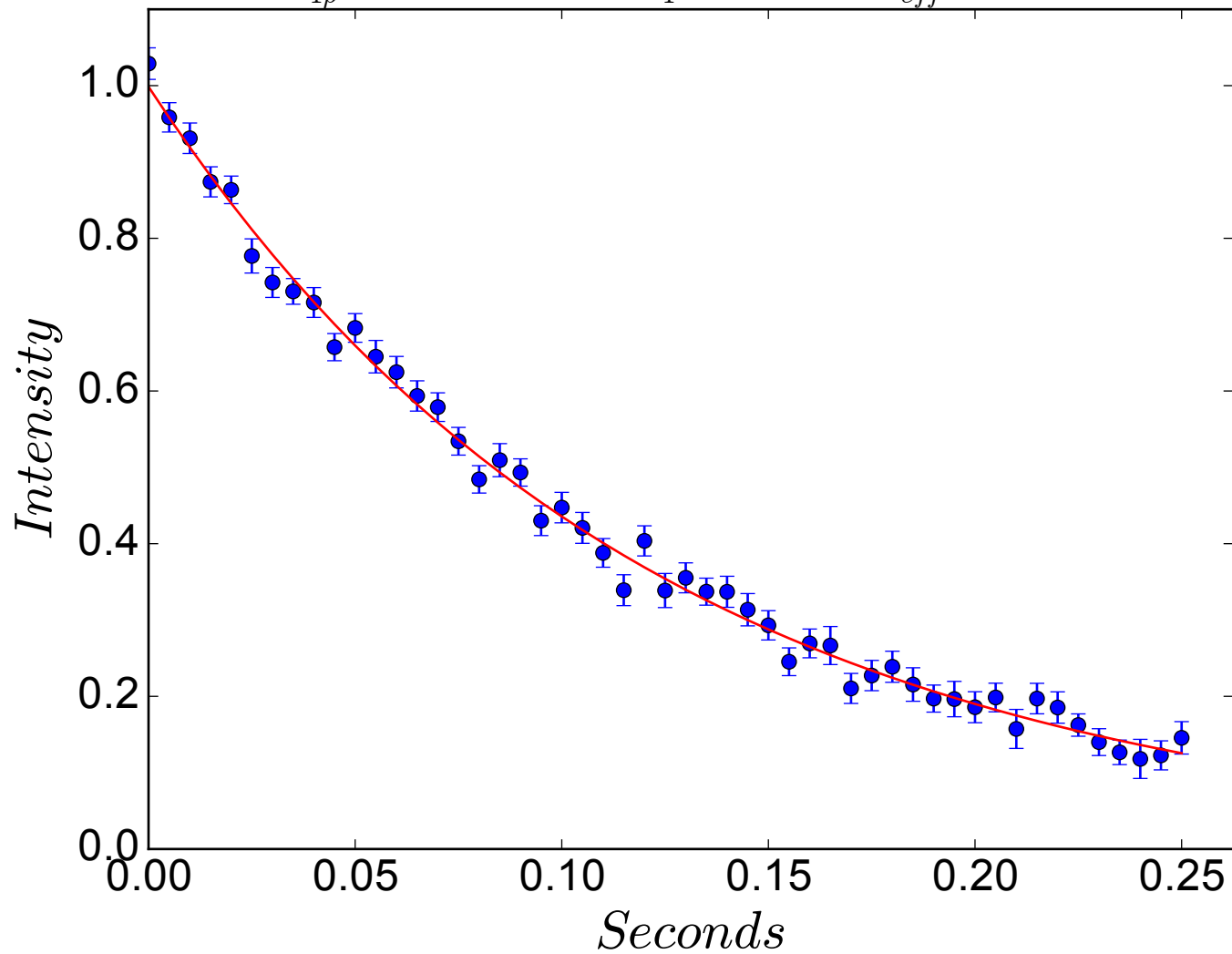
$$R_{1\rho} = 9.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 367 \text{ Hz}$$



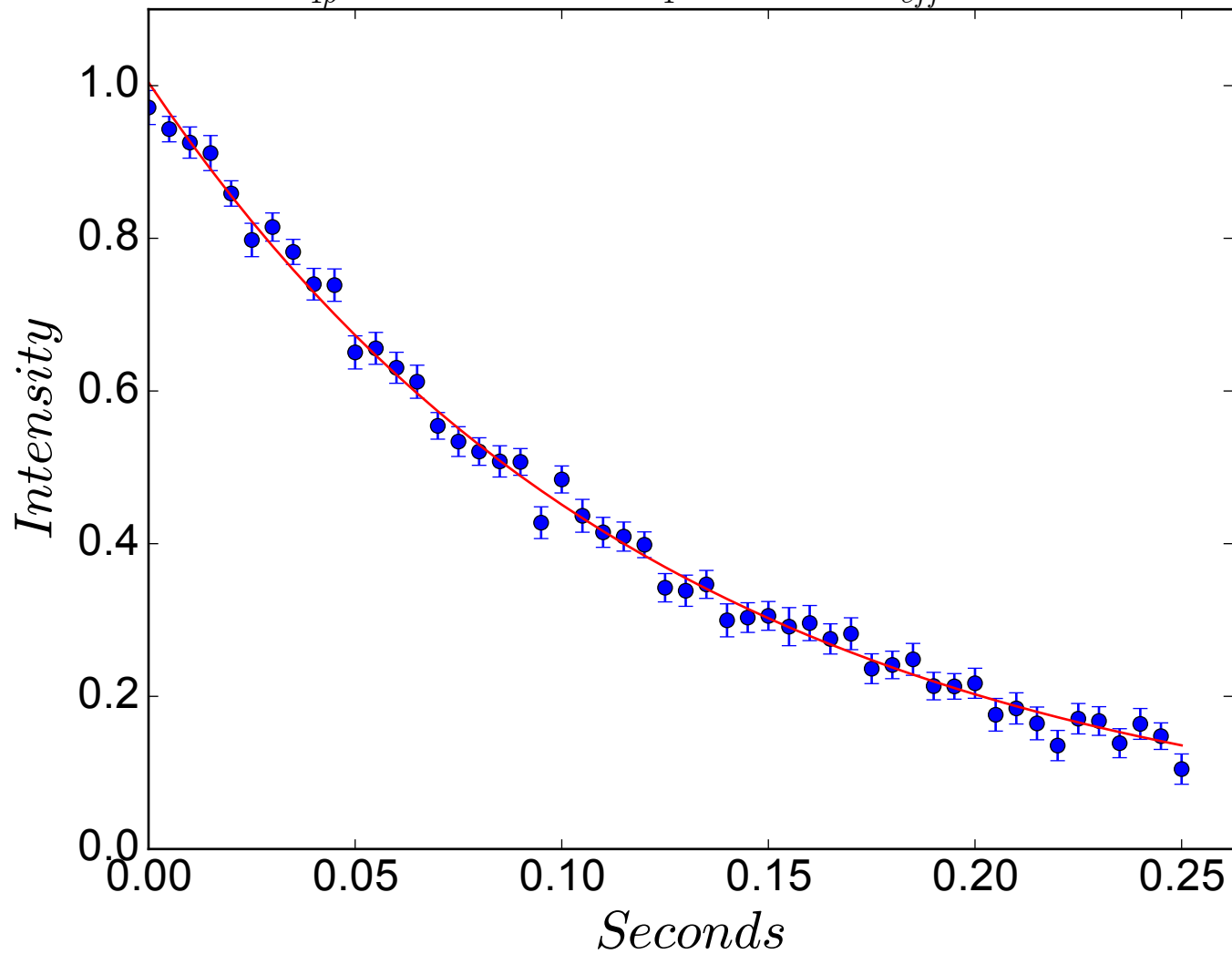
$$R_{1\rho} = 8.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 377 \text{ Hz}$$



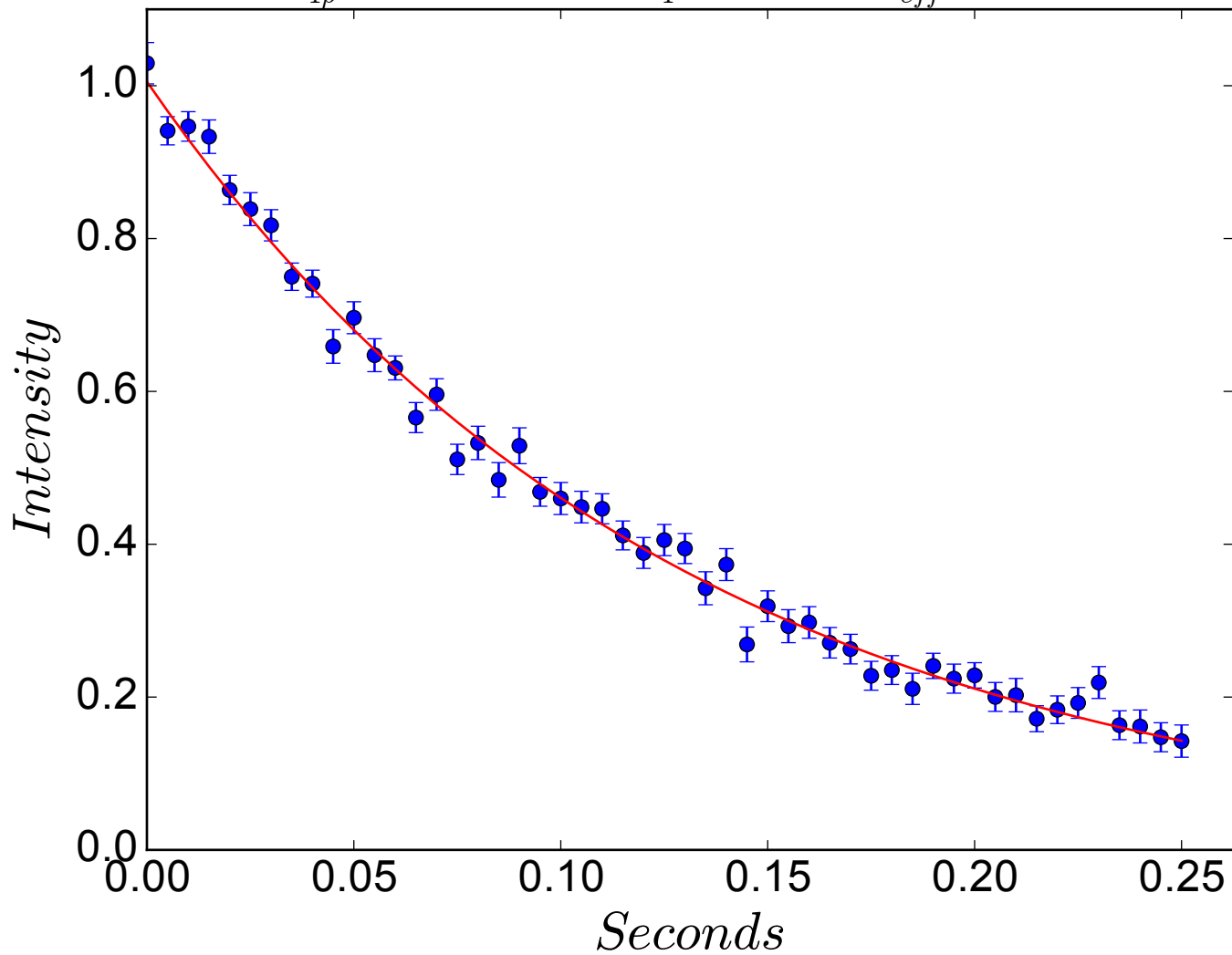
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 387 \text{ Hz}$$



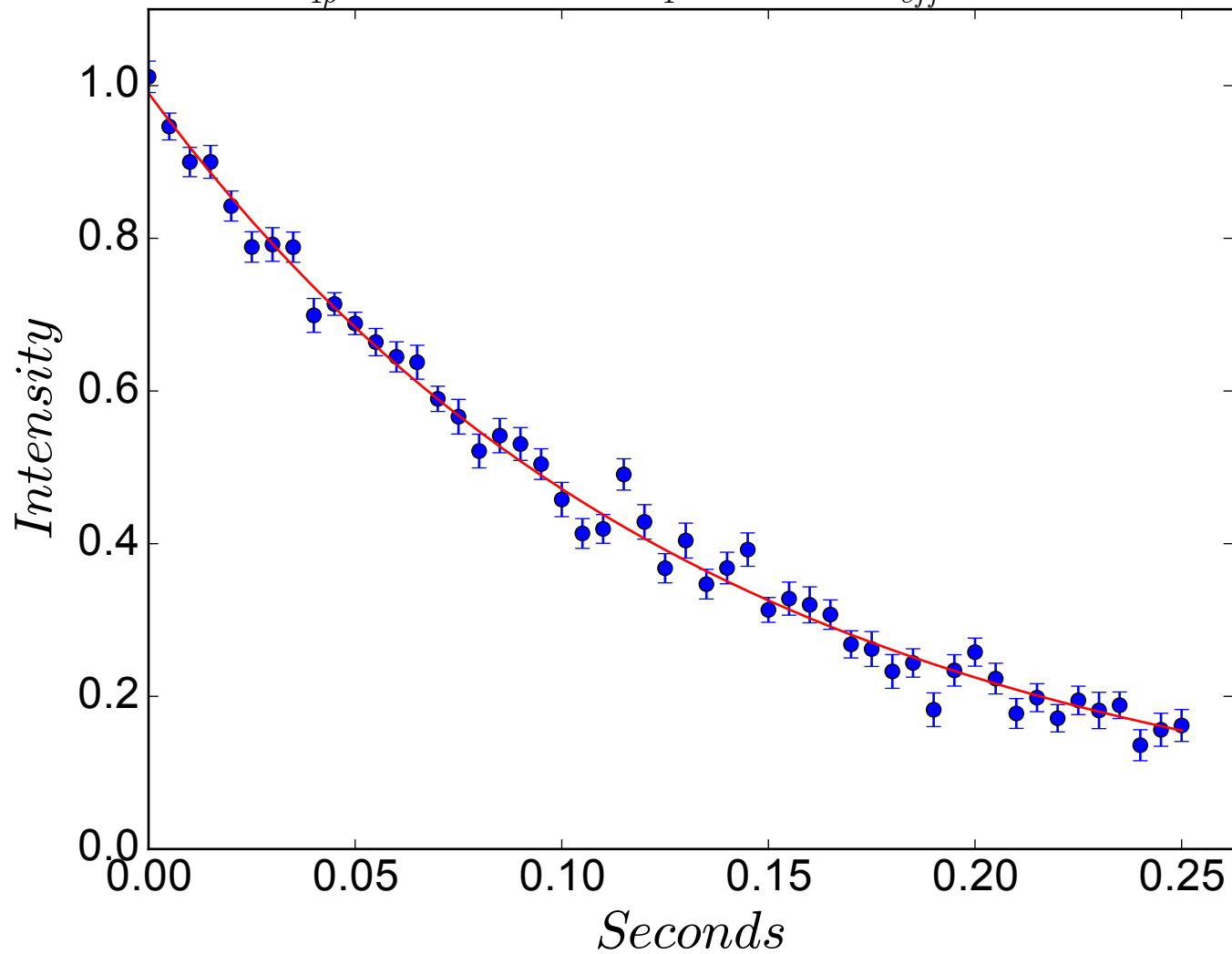
$$R_{1\rho} = 8.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 397 \text{ Hz}$$



$$R_{1\rho} = 7.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 407 \text{ Hz}$$

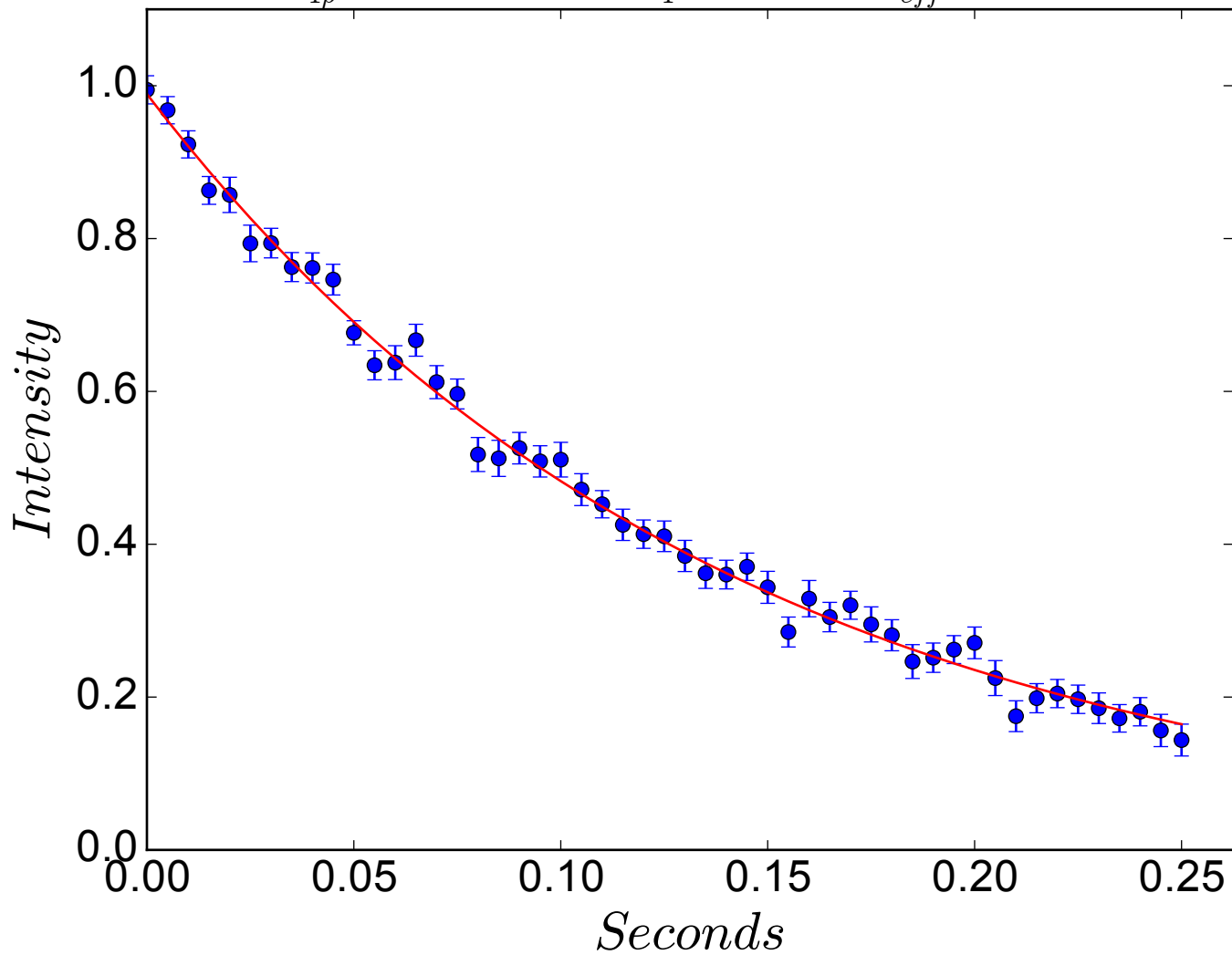


$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 417 \text{ Hz}$$

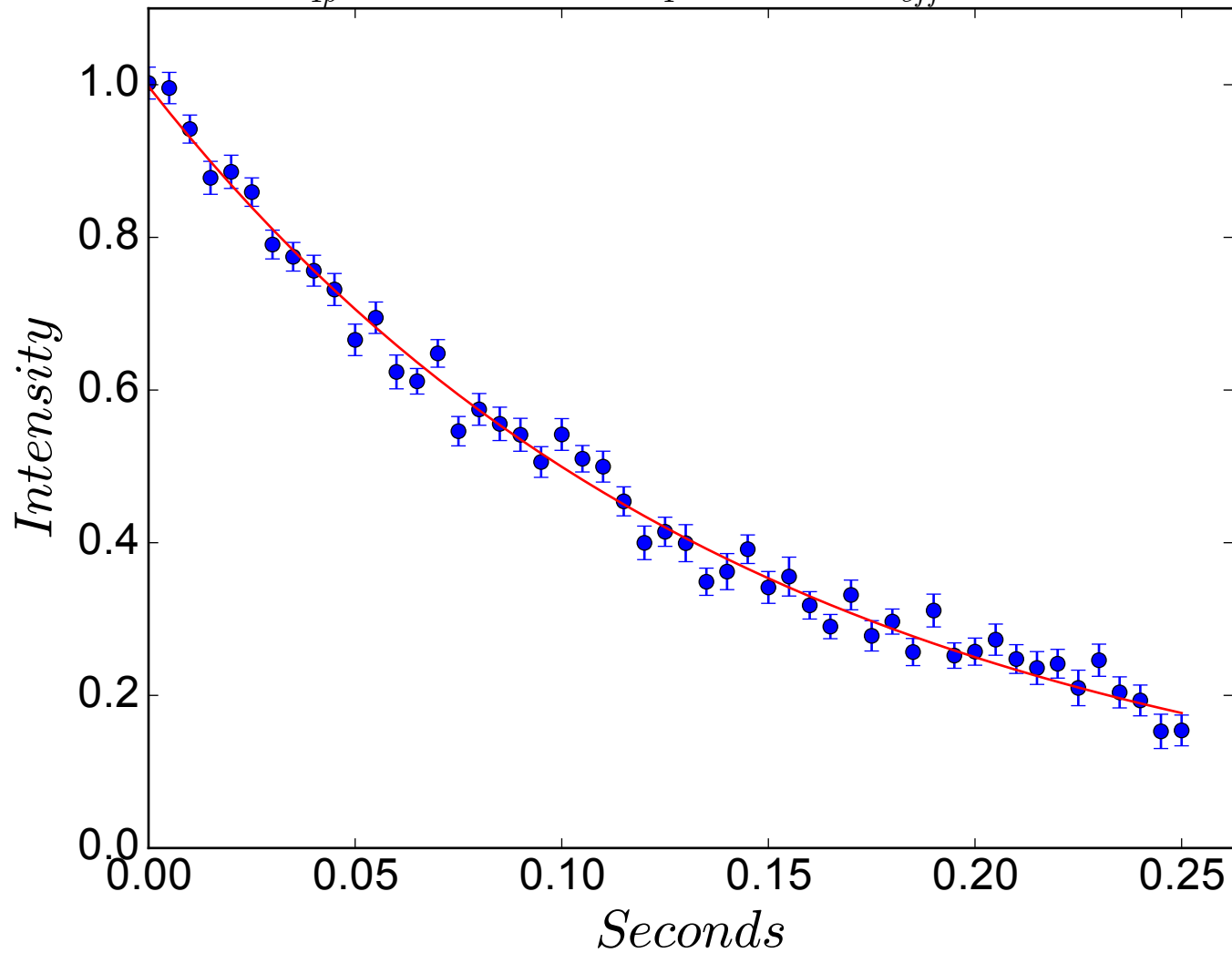




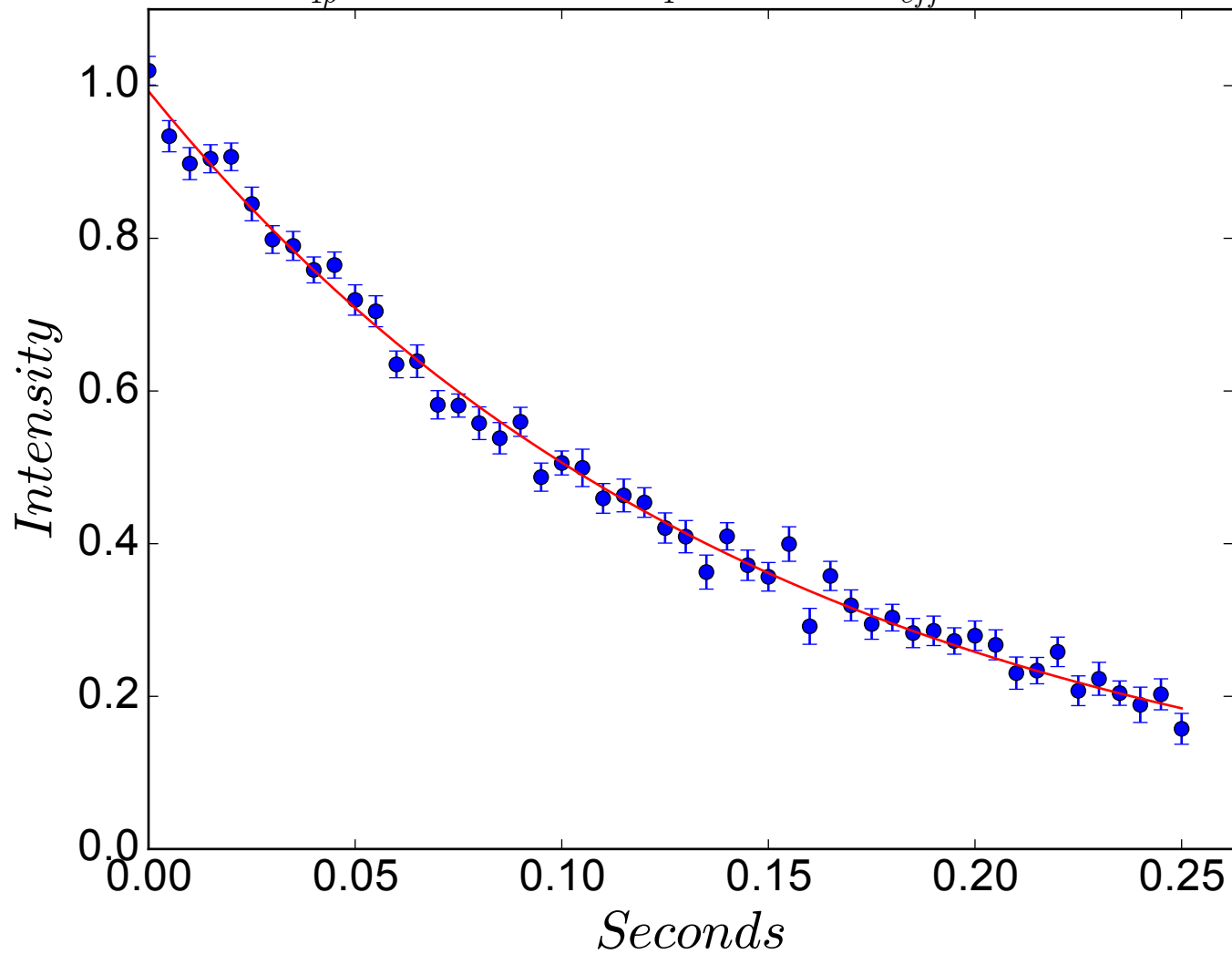
$$R_{1\rho} = 7.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 427 \text{ Hz}$$



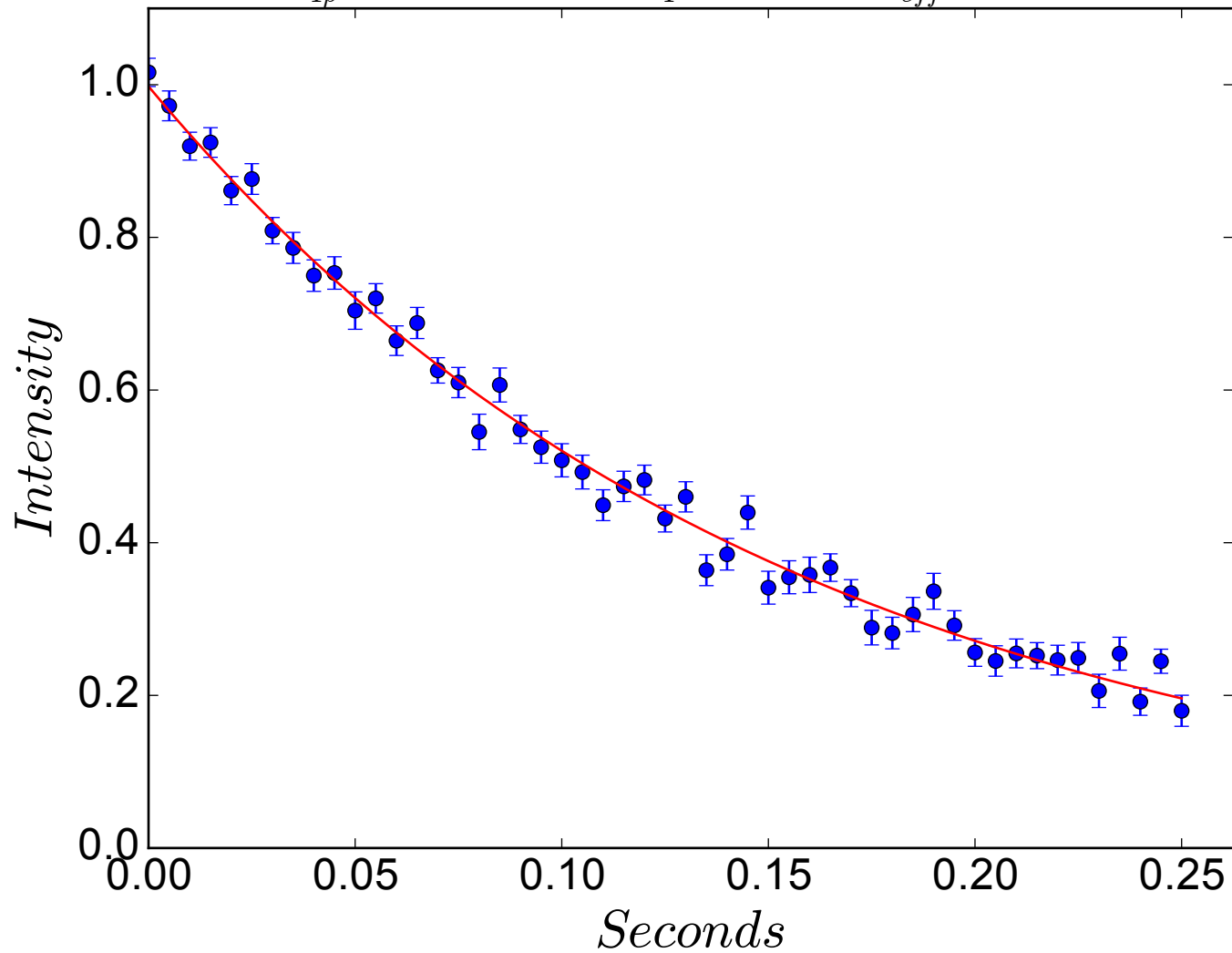
$$R_{1\rho} = 6.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 437 \text{ Hz}$$



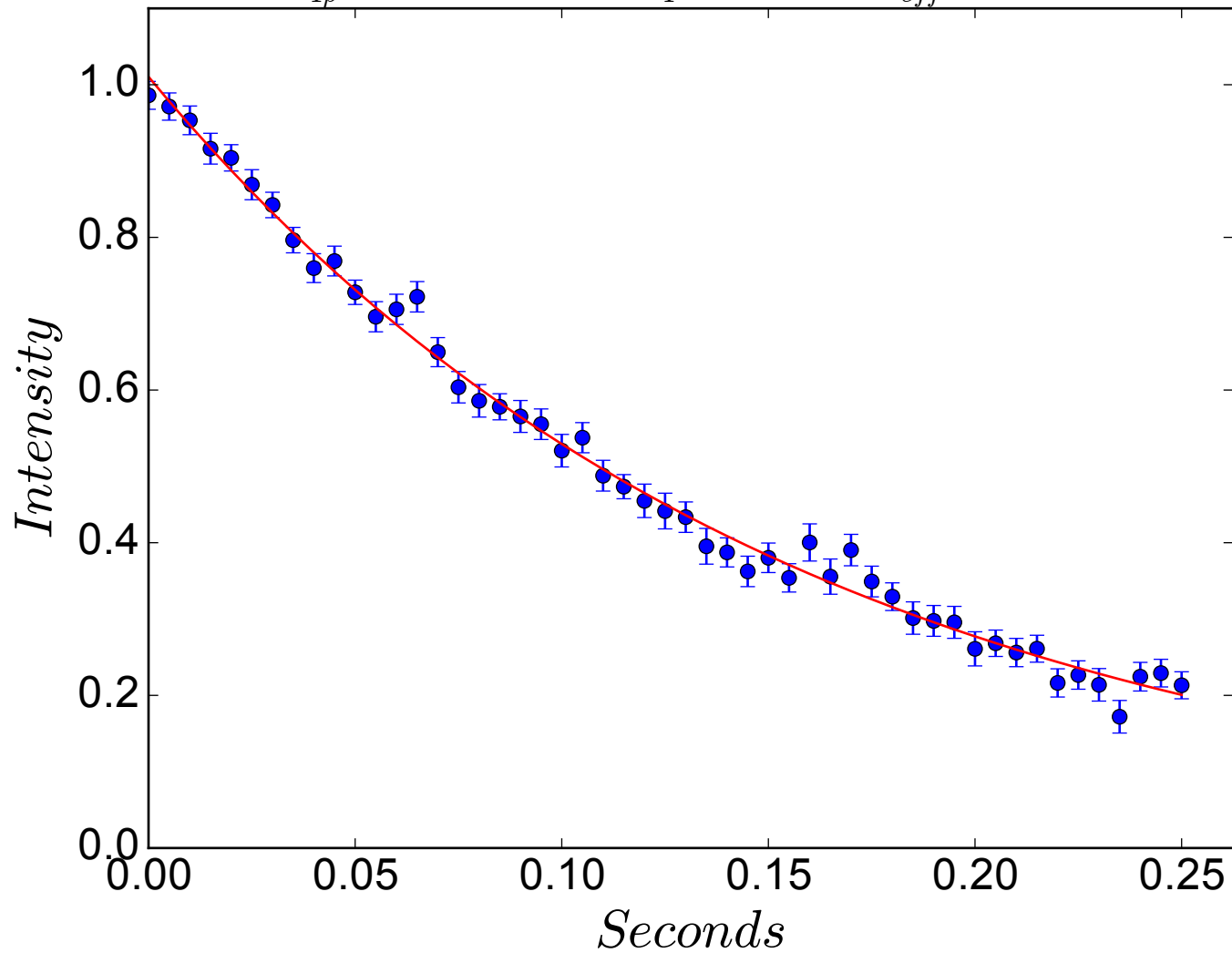
$$R_{1\rho} = 6.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 447 \text{ Hz}$$



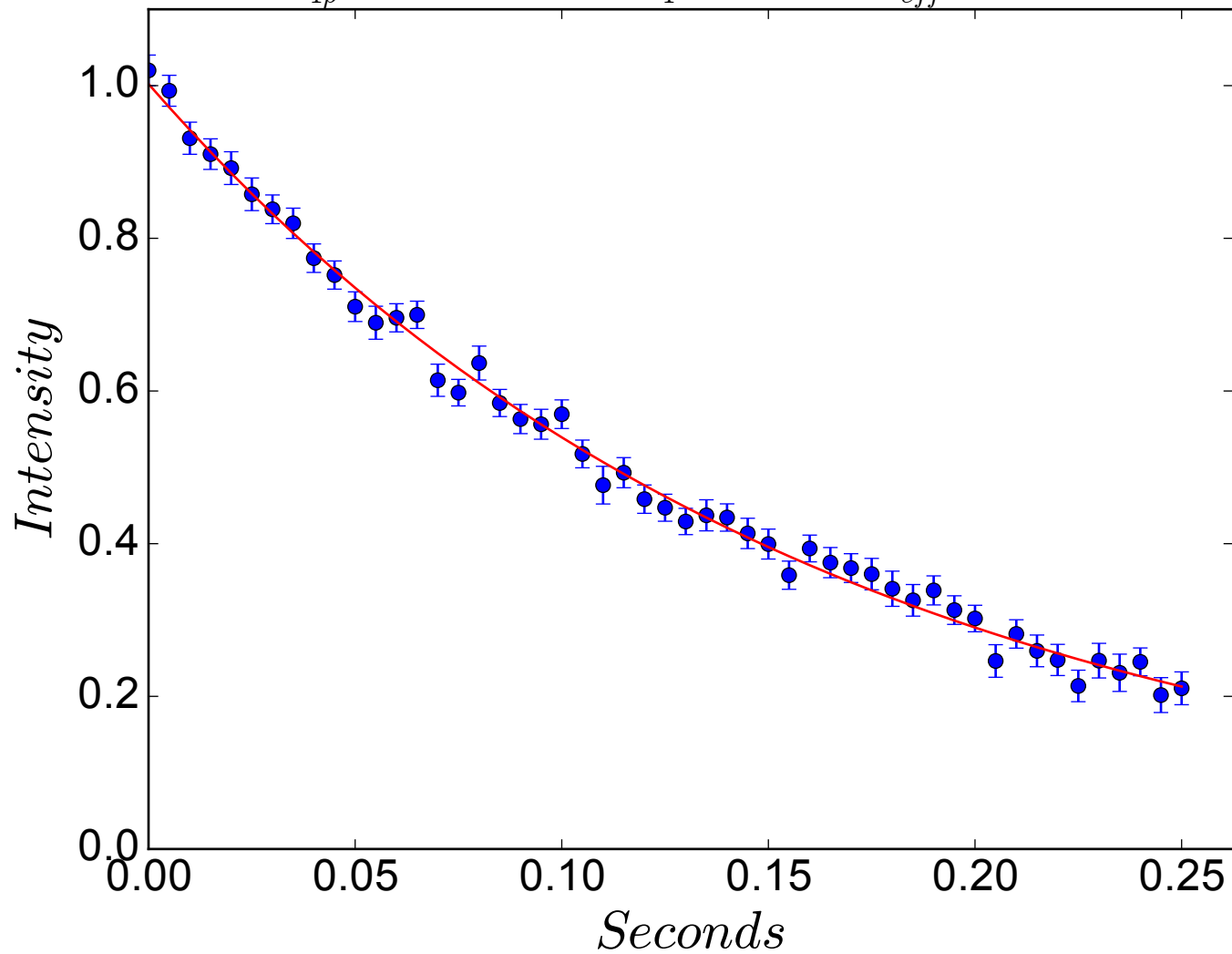
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 457 \text{ Hz}$$



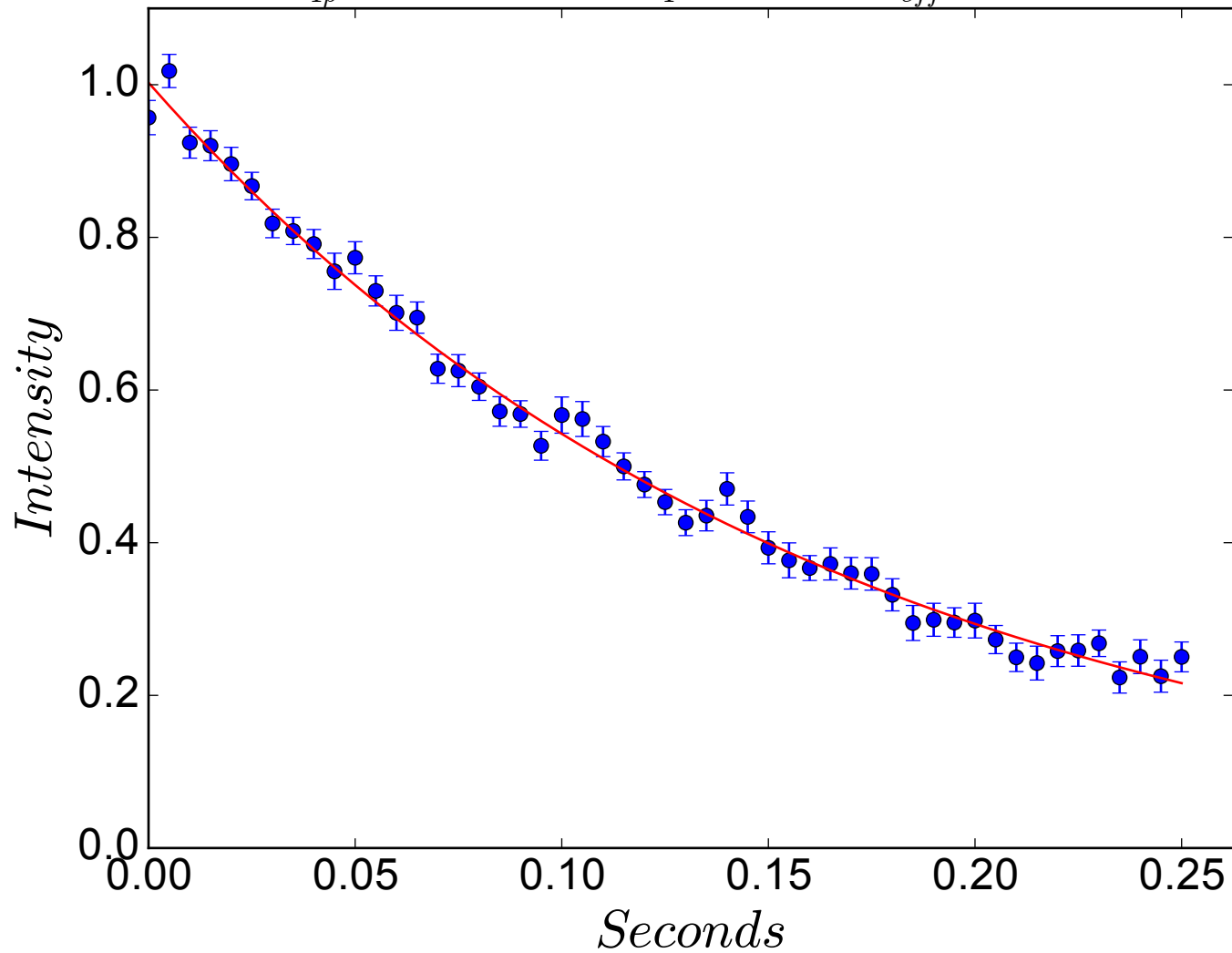
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 467 \text{ Hz}$$



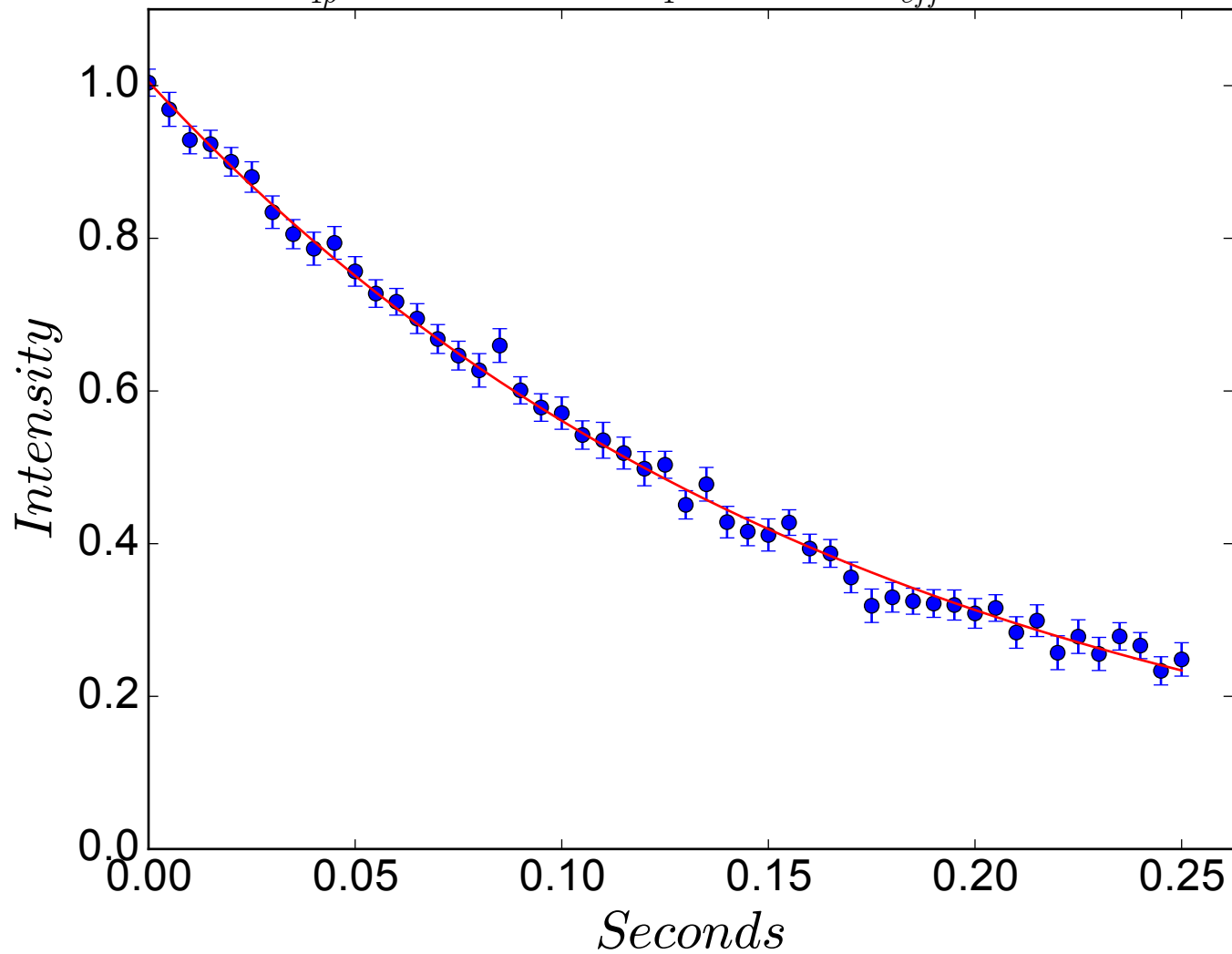
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 477 \text{ Hz}$$



$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 487 \text{ Hz}$$

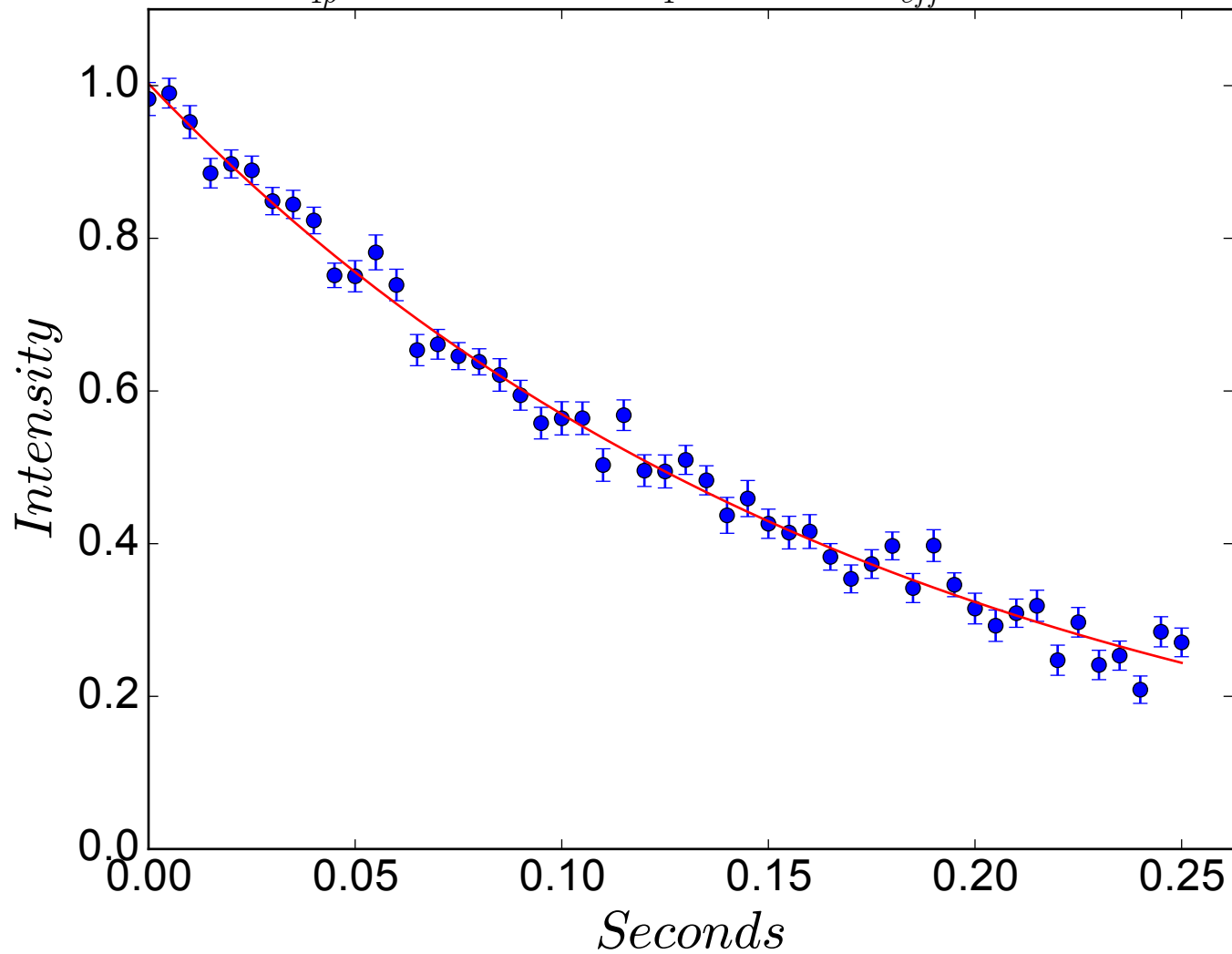


$$R_{1\rho} = 5.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 497 \text{ Hz}$$

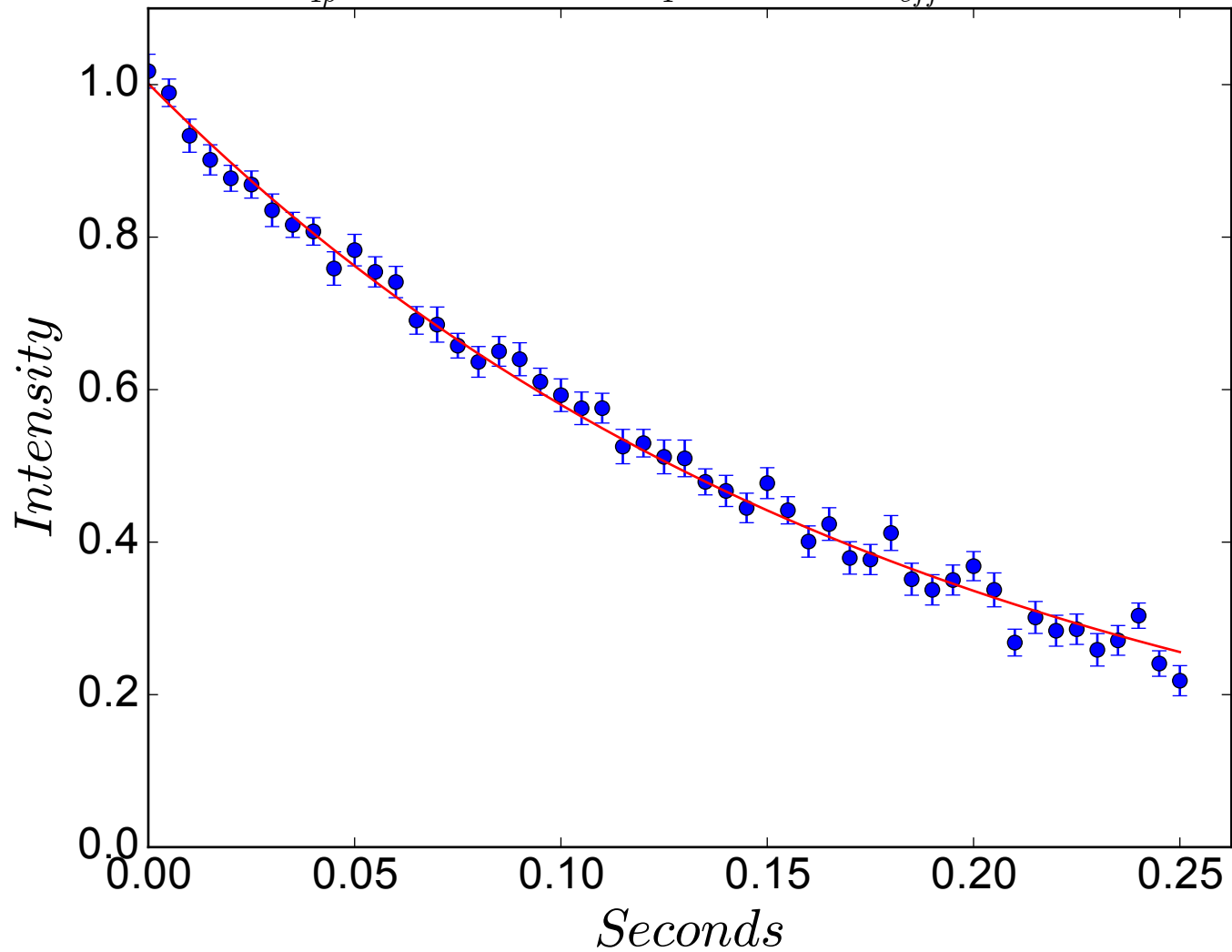




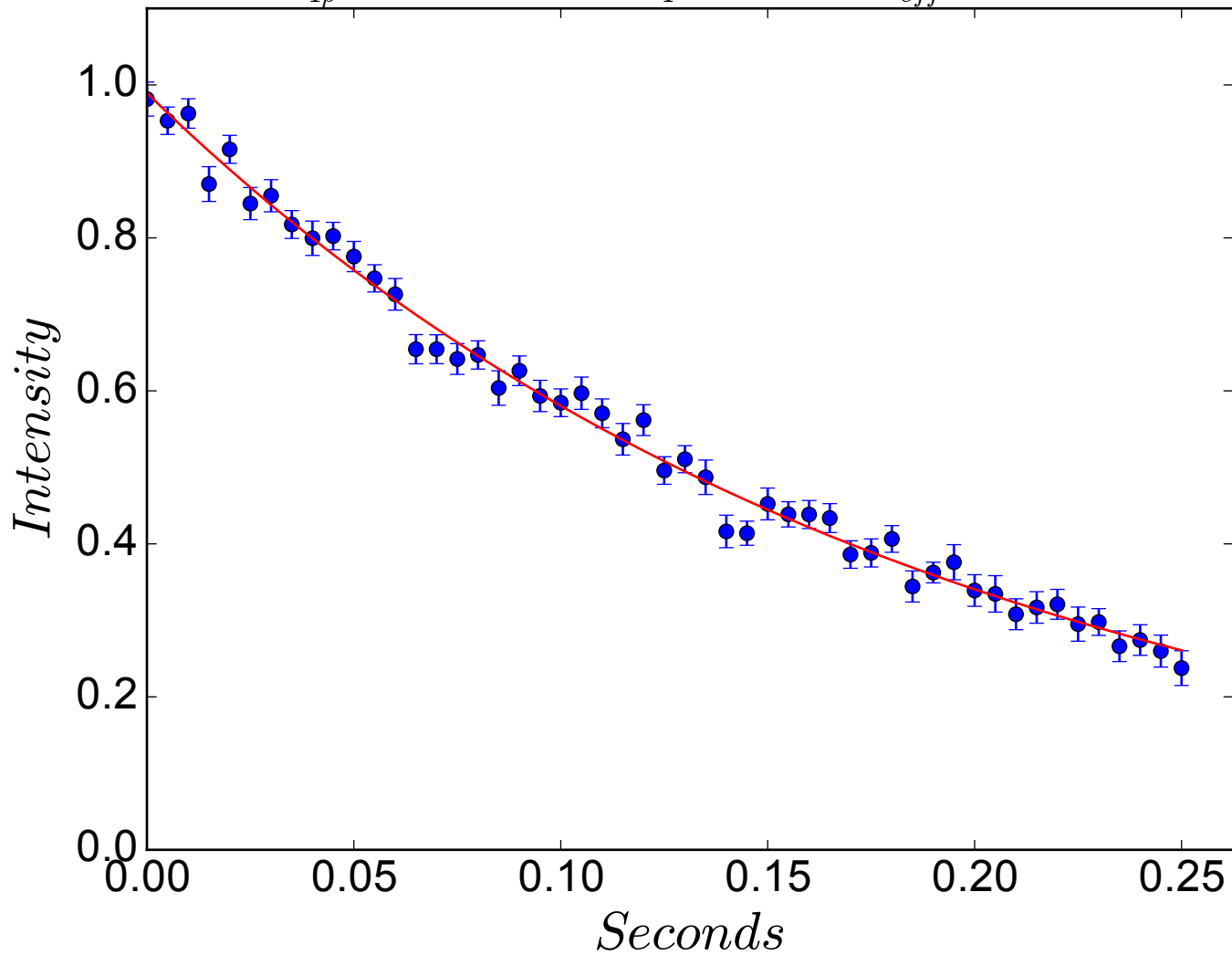
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 508 \text{ Hz}$$



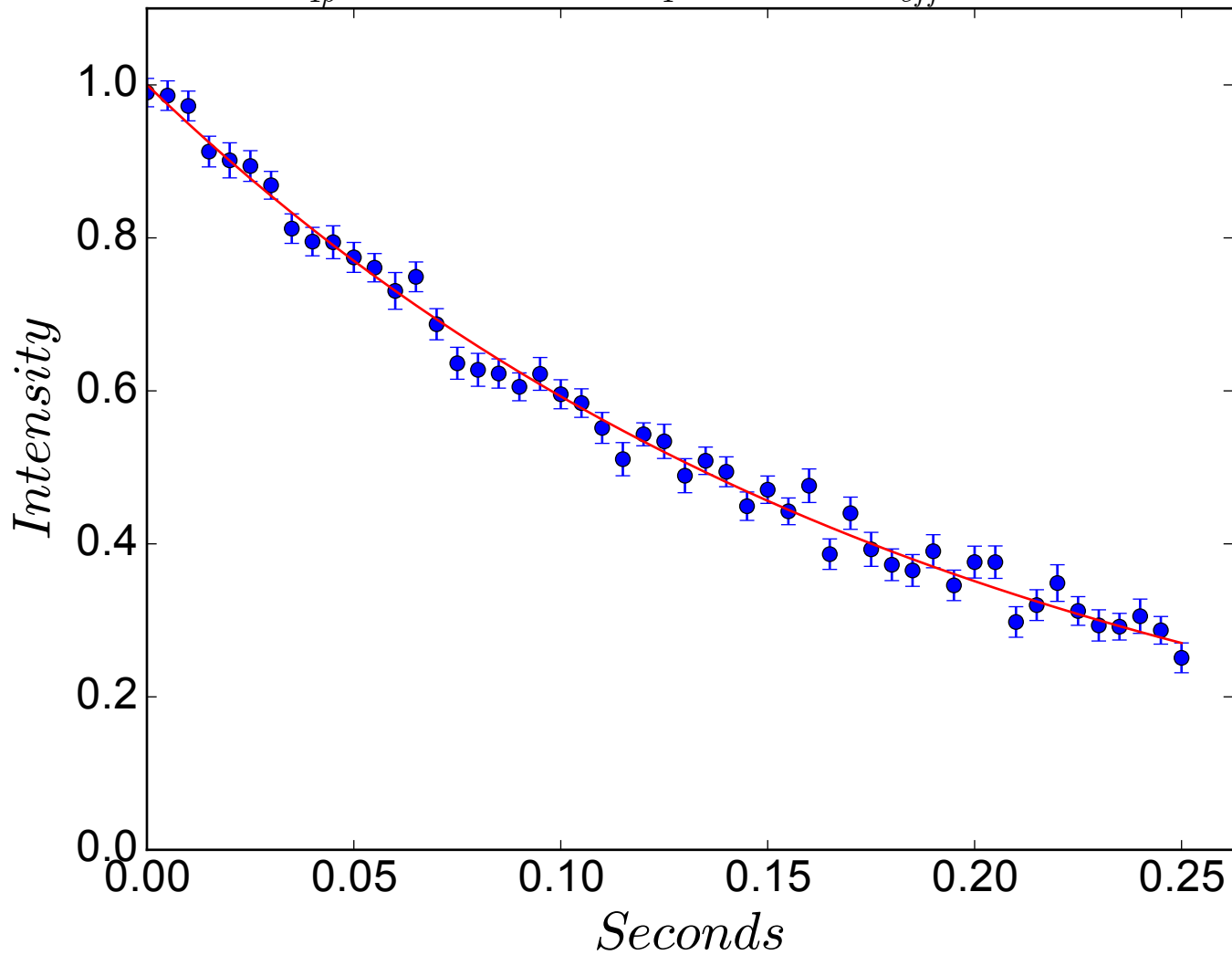
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 518 \text{ Hz}$$



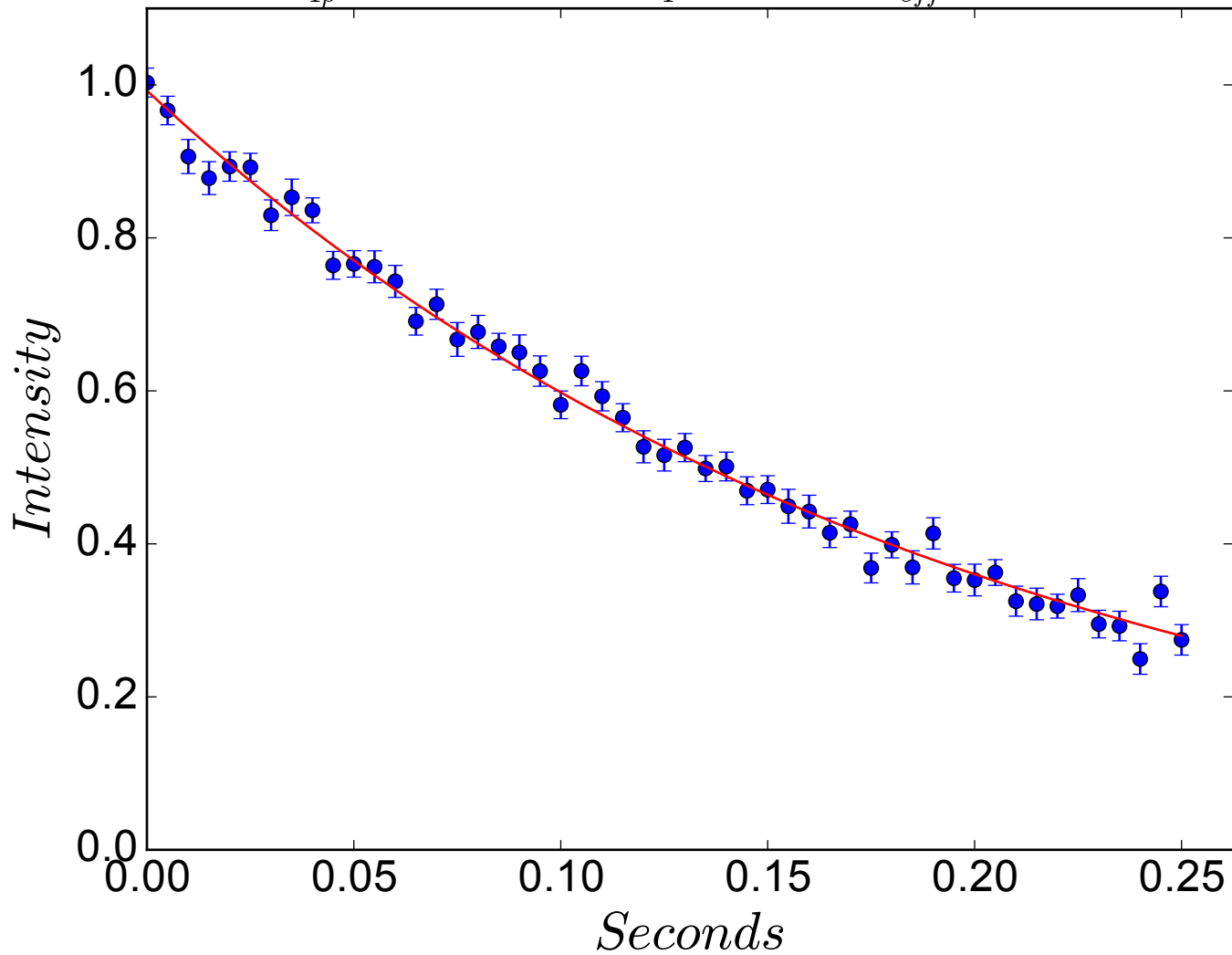
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 528 \text{ Hz}$$



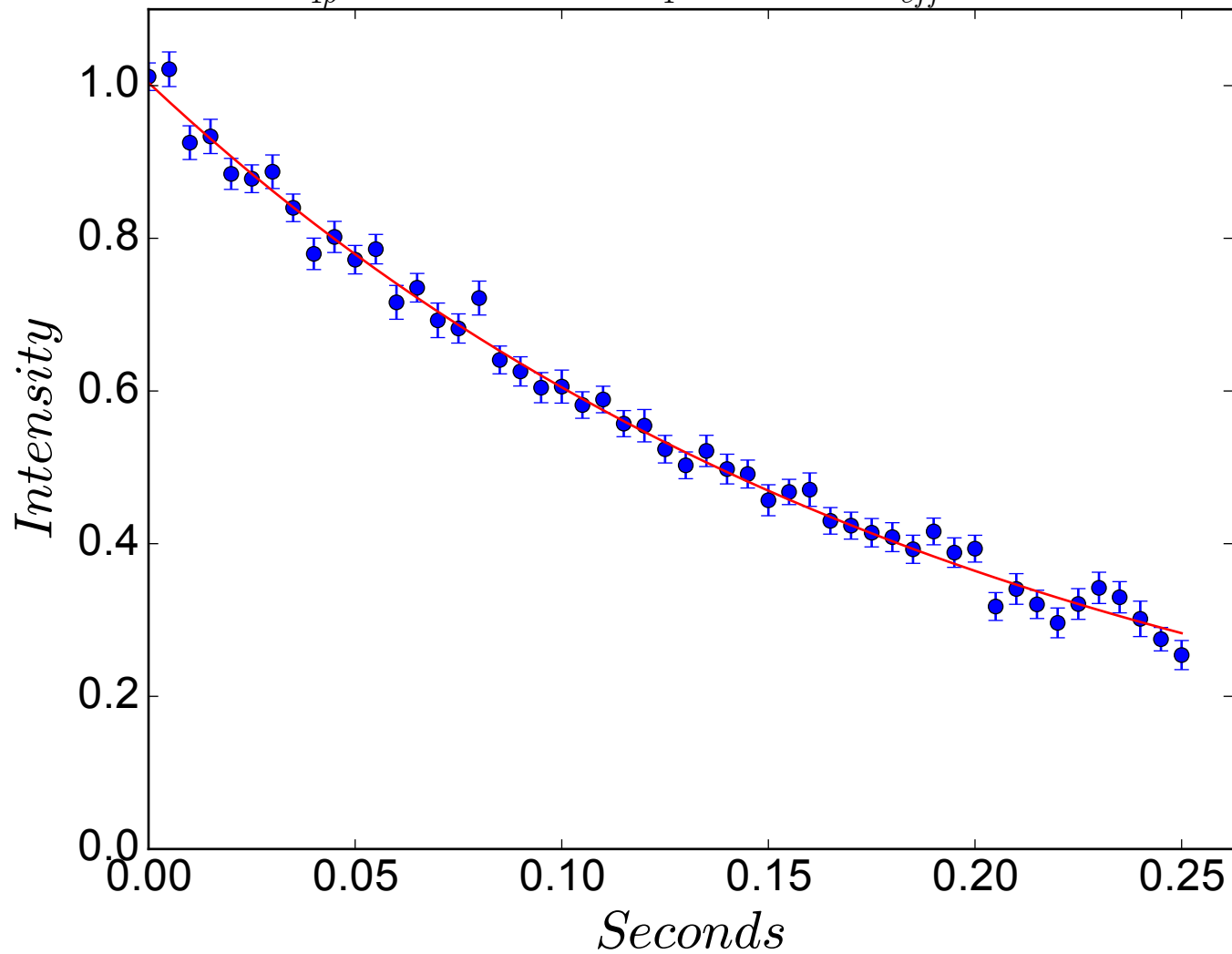
$$R_{1\rho} = 5.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 538 \text{ Hz}$$



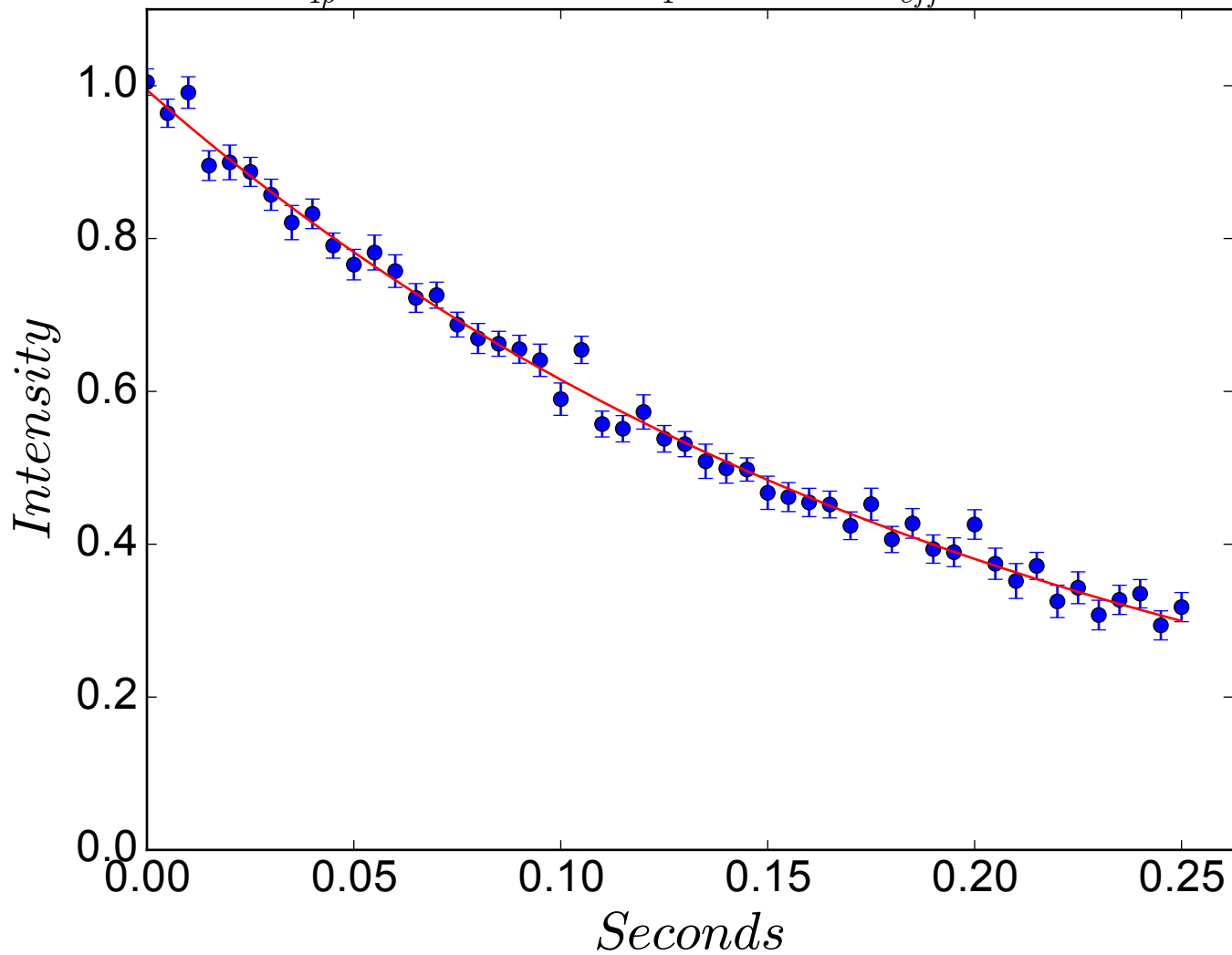
$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 548 \text{ Hz}$$



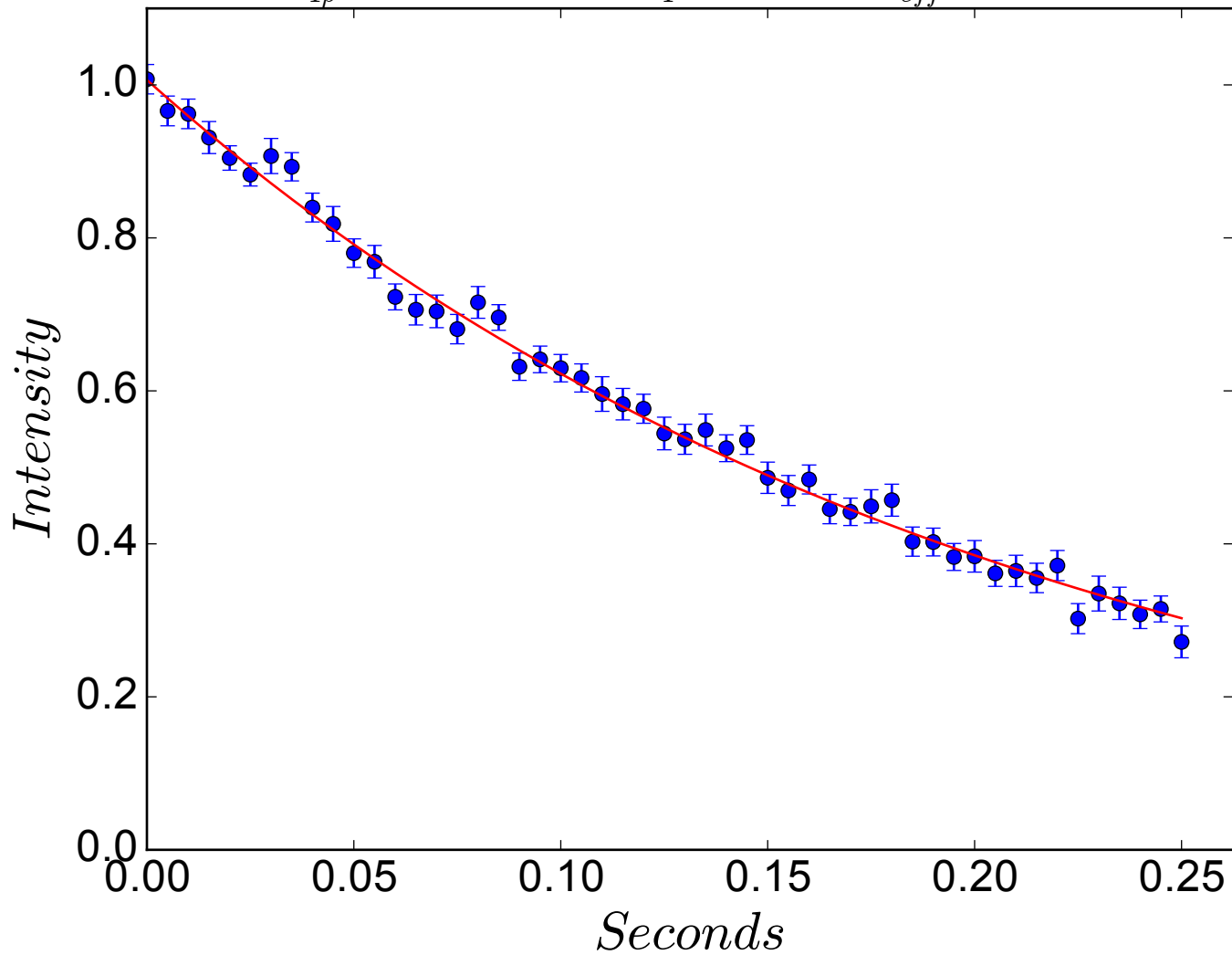
$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 558 \text{ Hz}$$



$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 568 \text{ Hz}$$

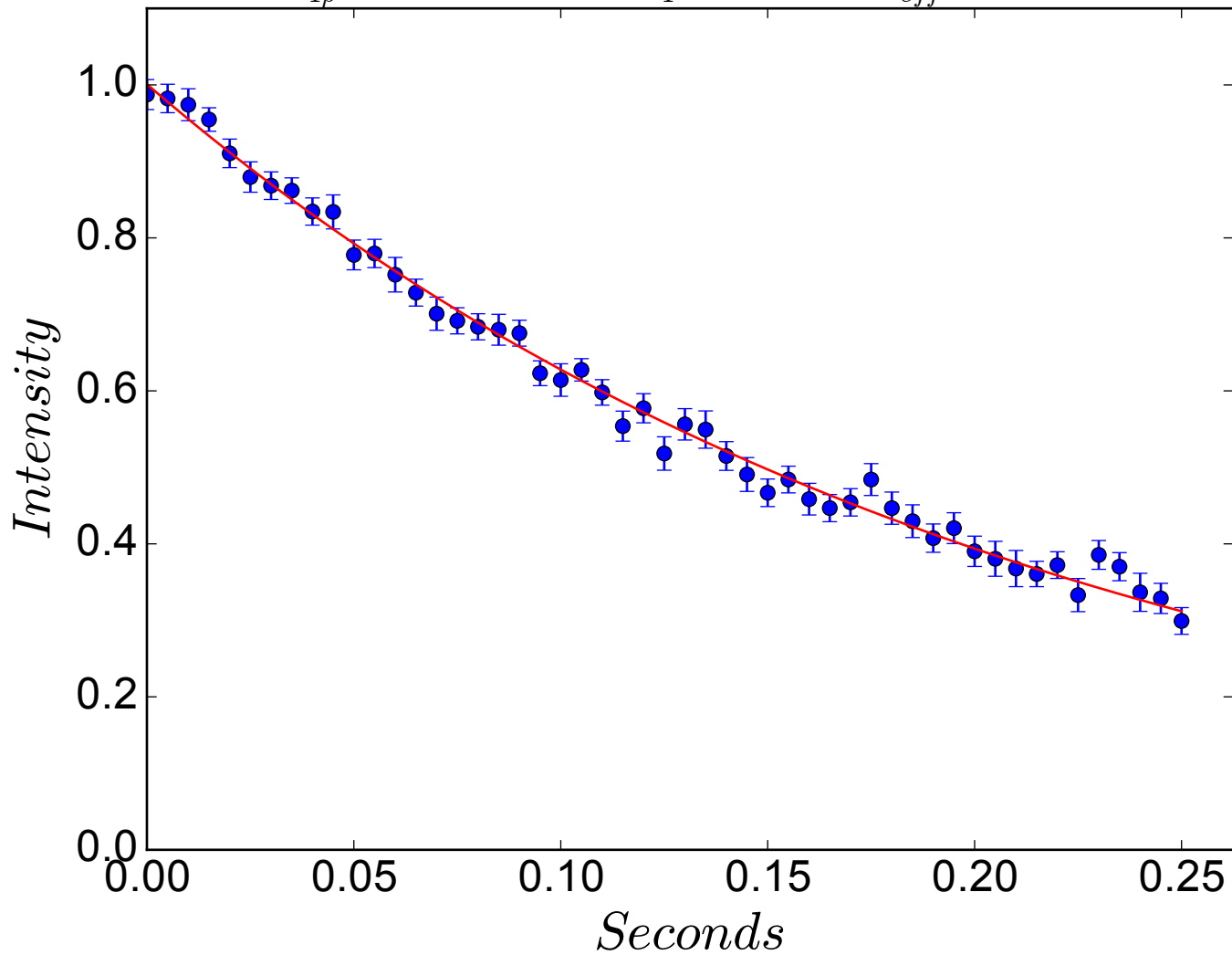


$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 578 \text{ Hz}$$

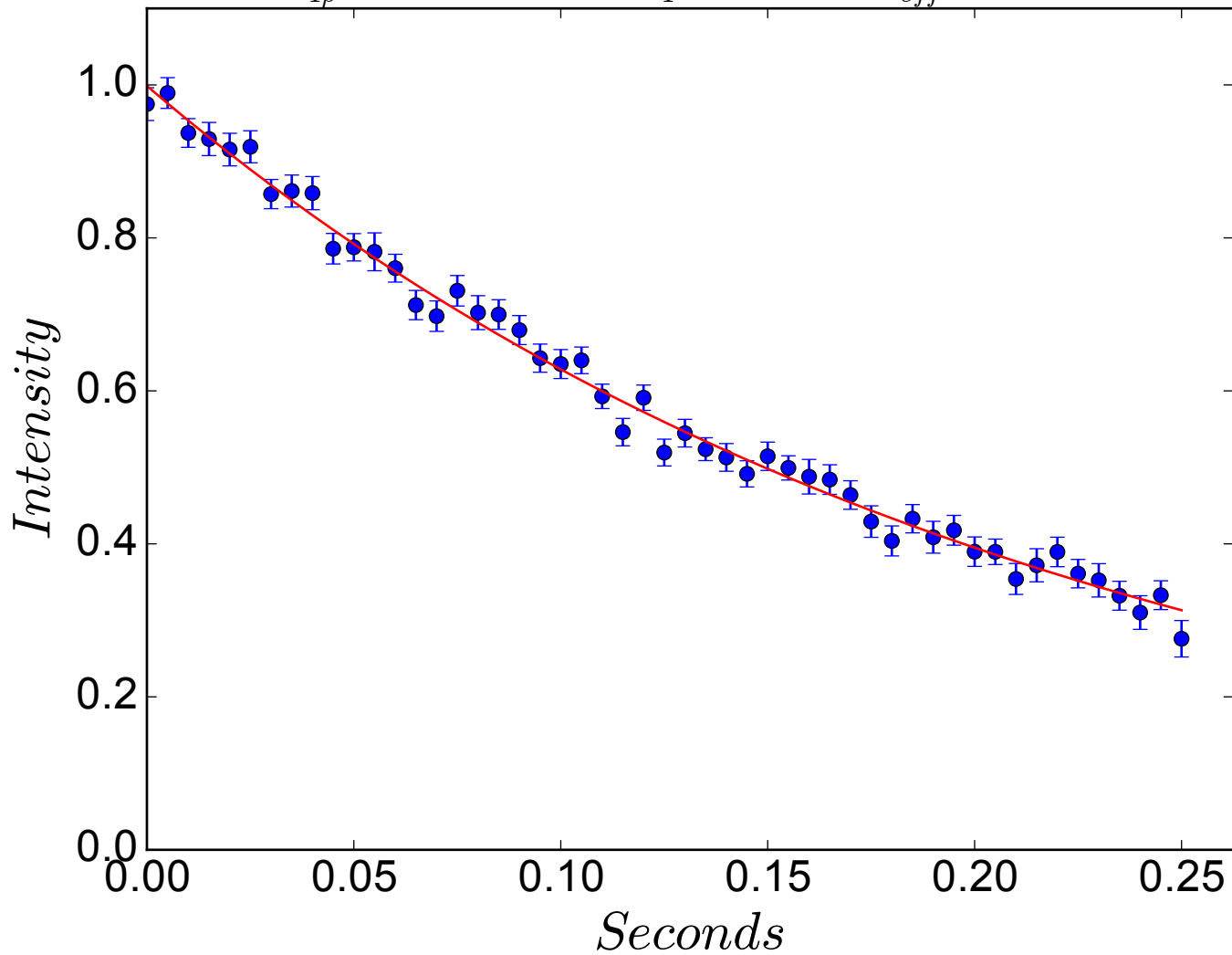




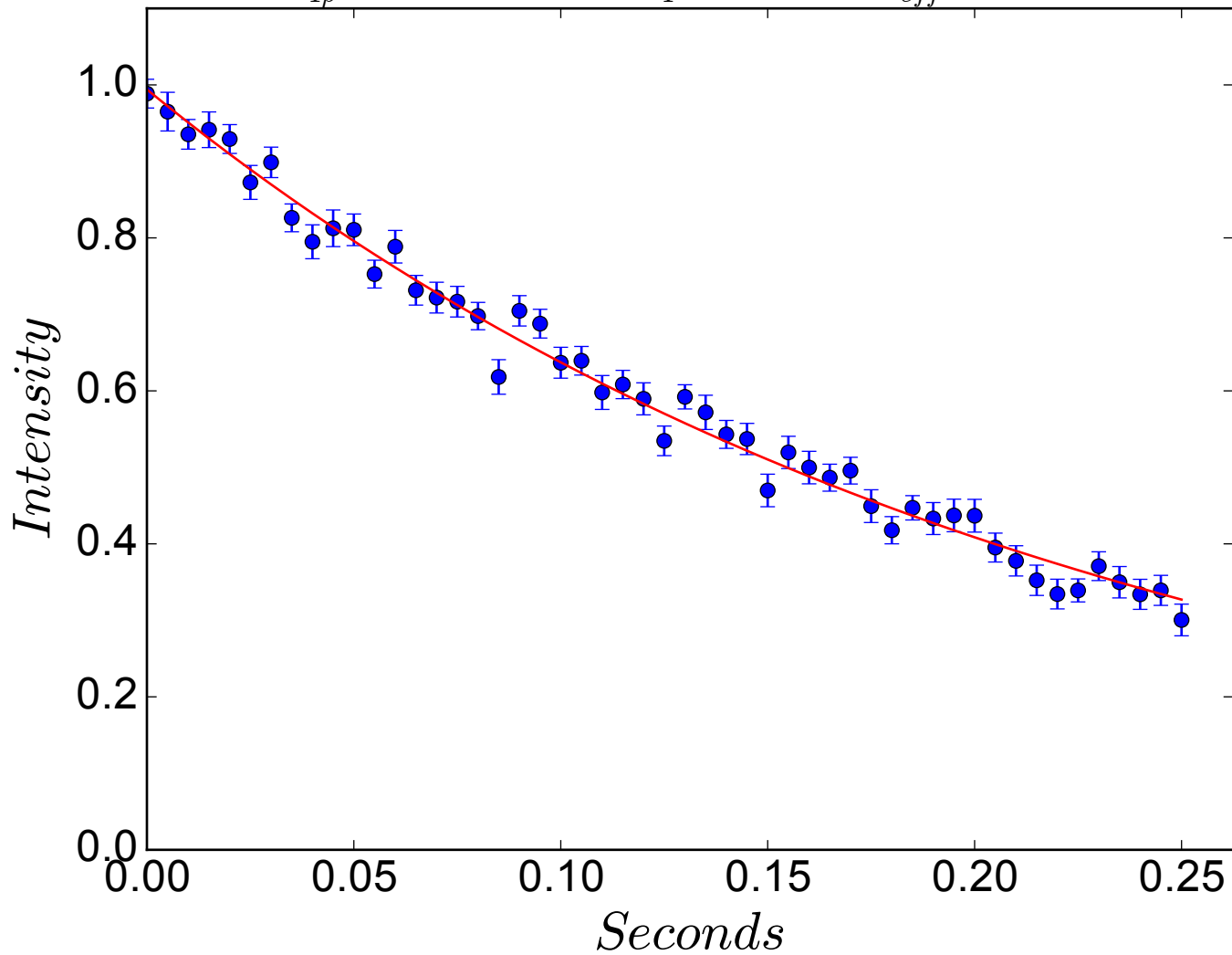
$$R_{1\rho} = 4.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 588 \text{ Hz}$$



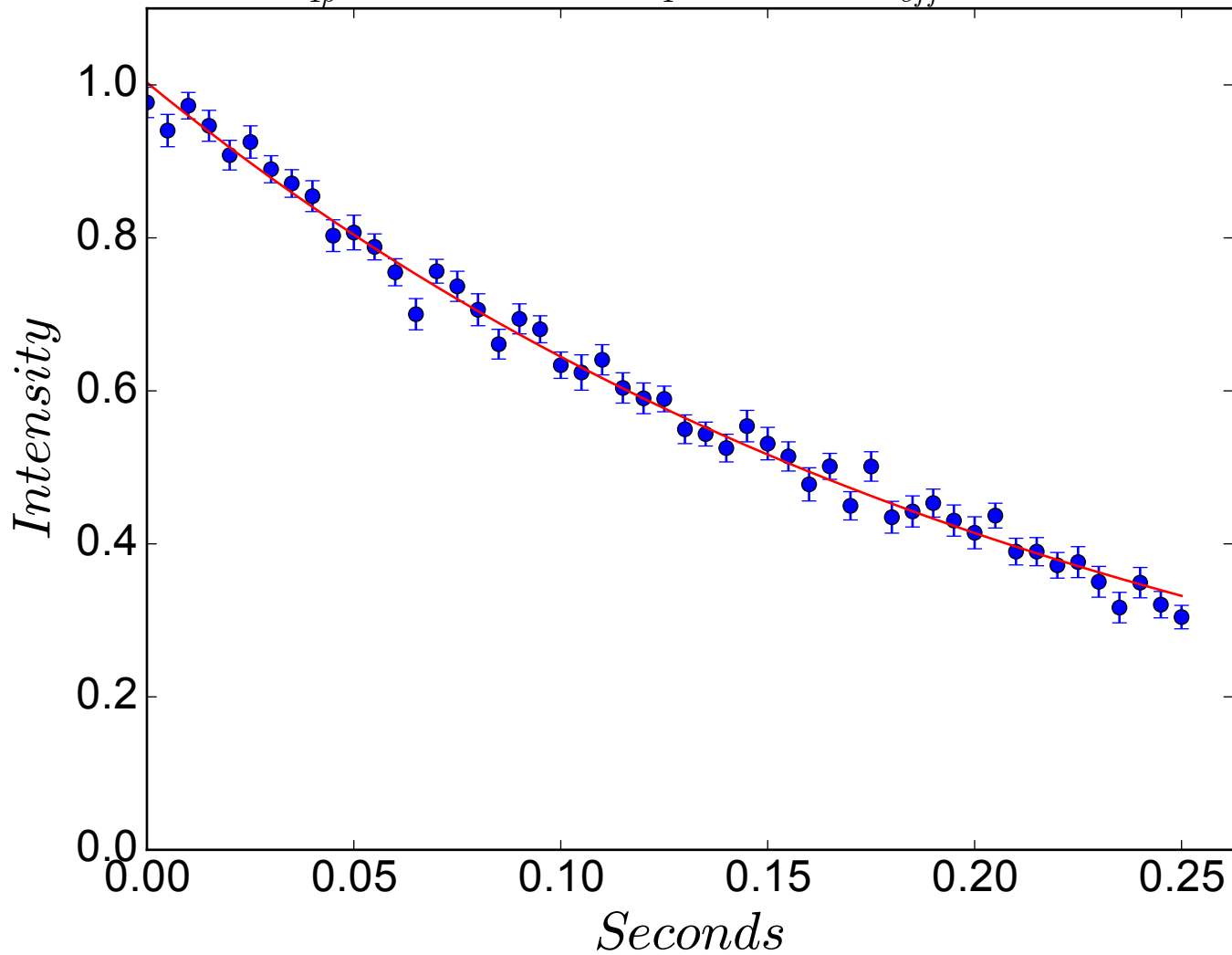
$$R_{1\rho} = 4.6 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 598 \text{ Hz}$$



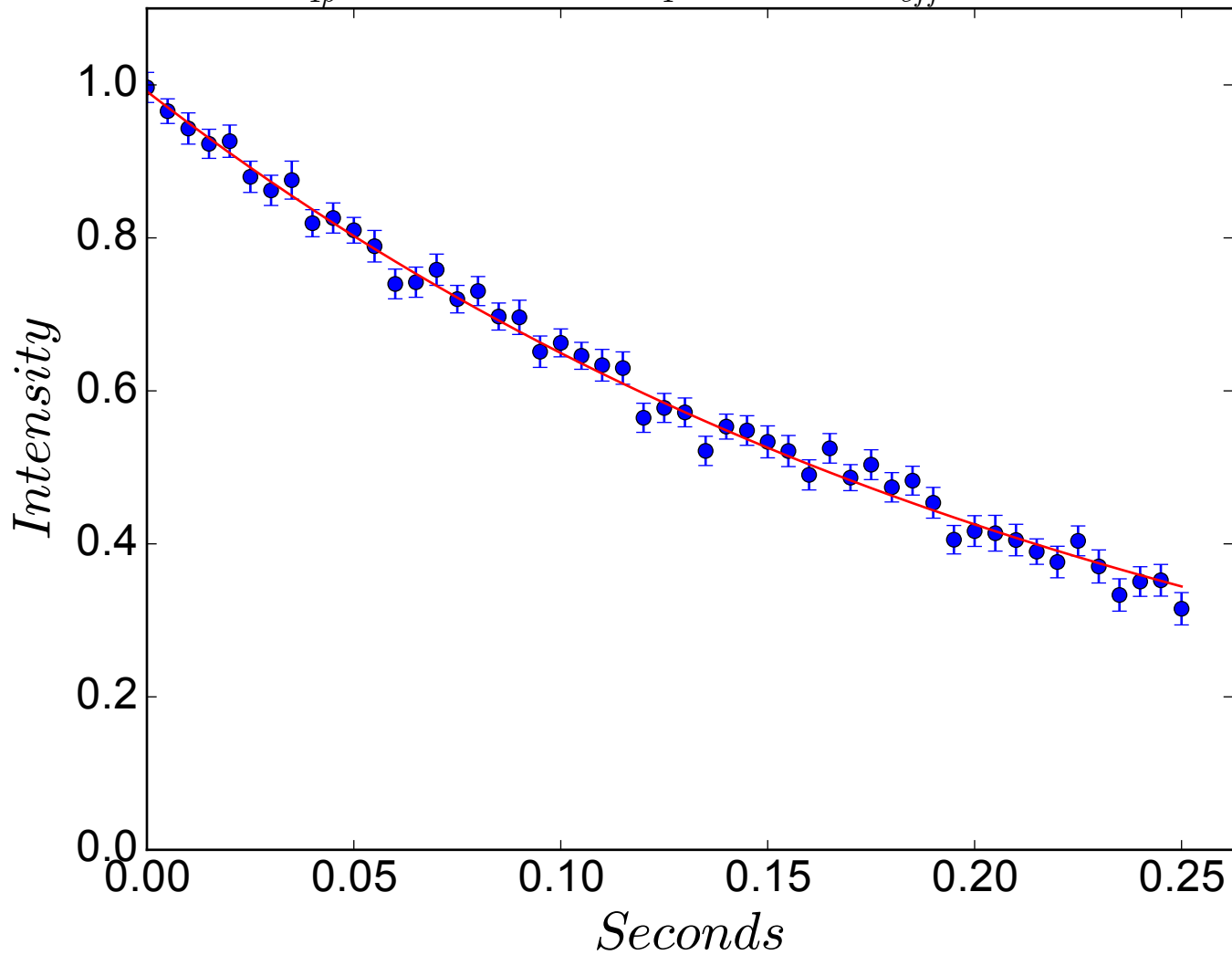
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 608 \text{ Hz}$$



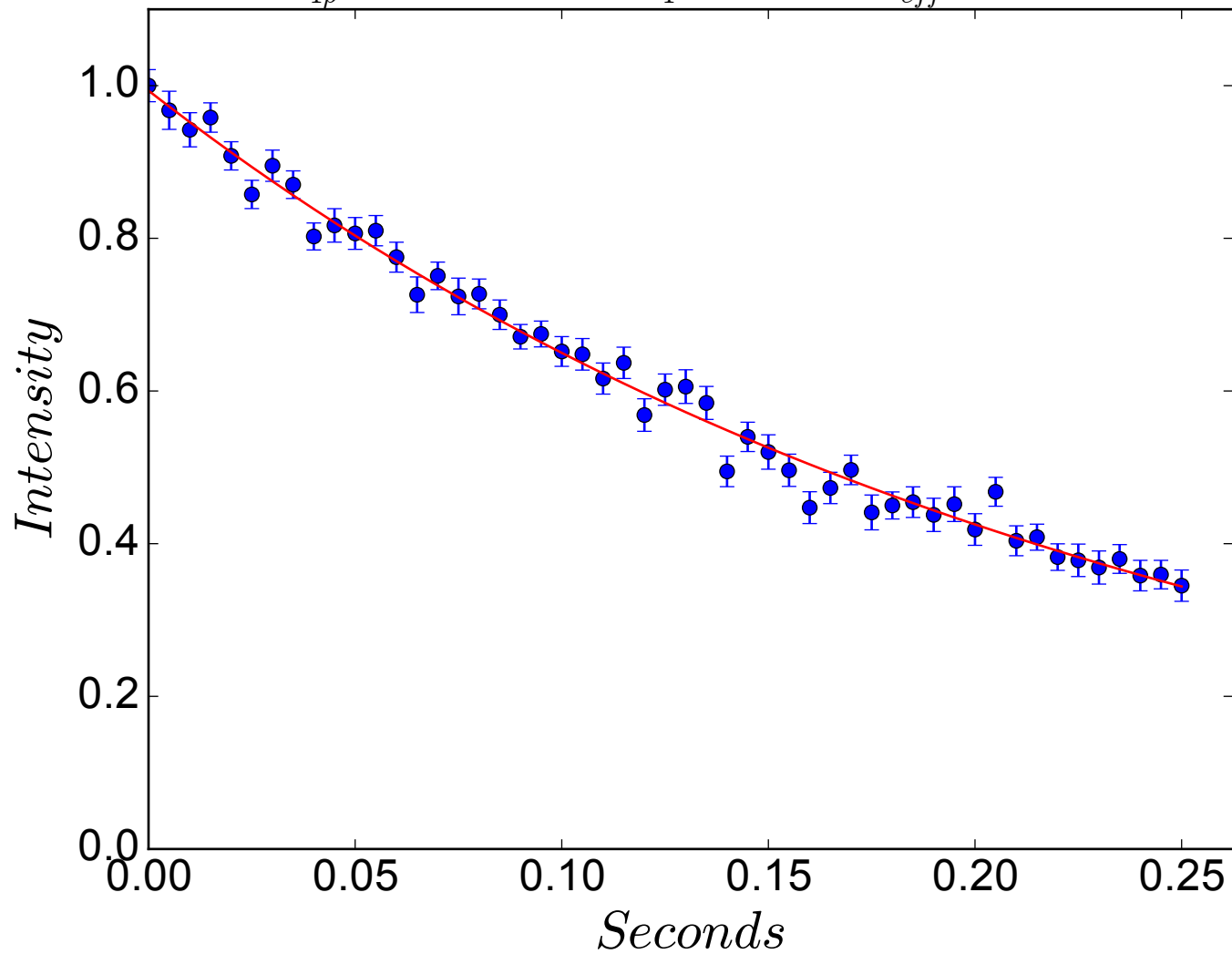
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 618 \text{ Hz}$$



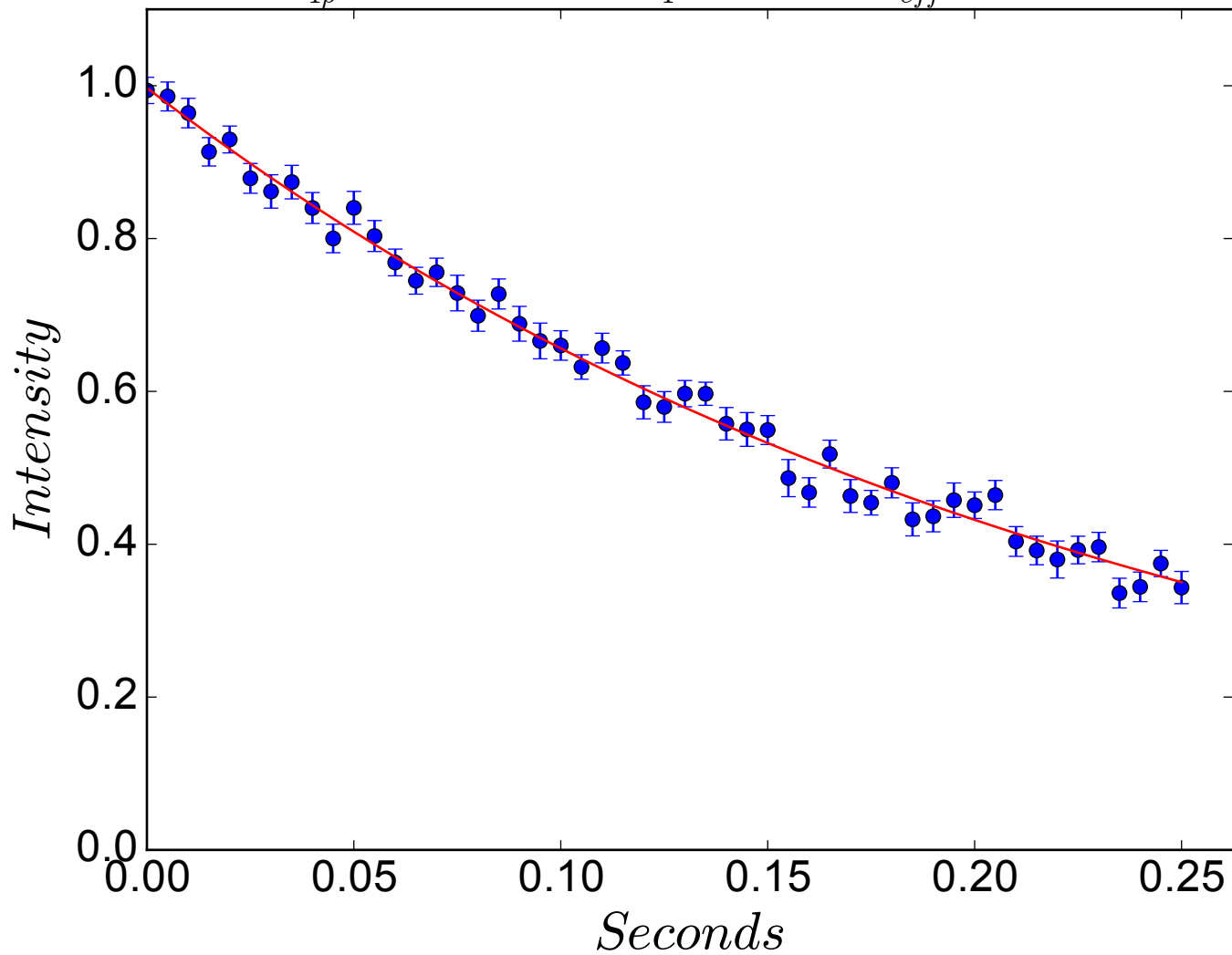
$$R_{1\rho} = 4.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 628 \text{ Hz}$$



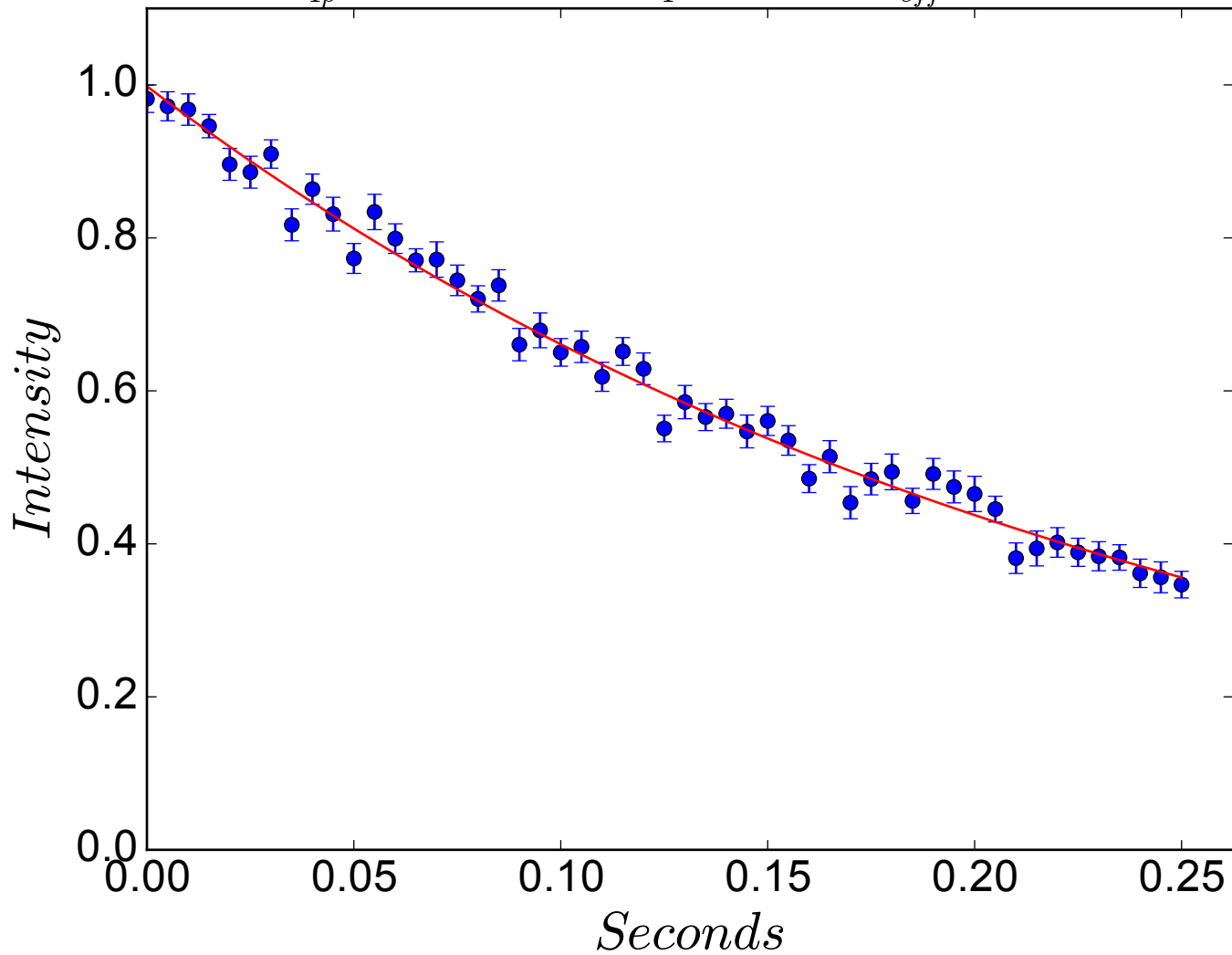
$$R_{1\rho} = 4.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 638 \text{ Hz}$$



$$R_{1\rho} = 4.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 648 \text{ Hz}$$

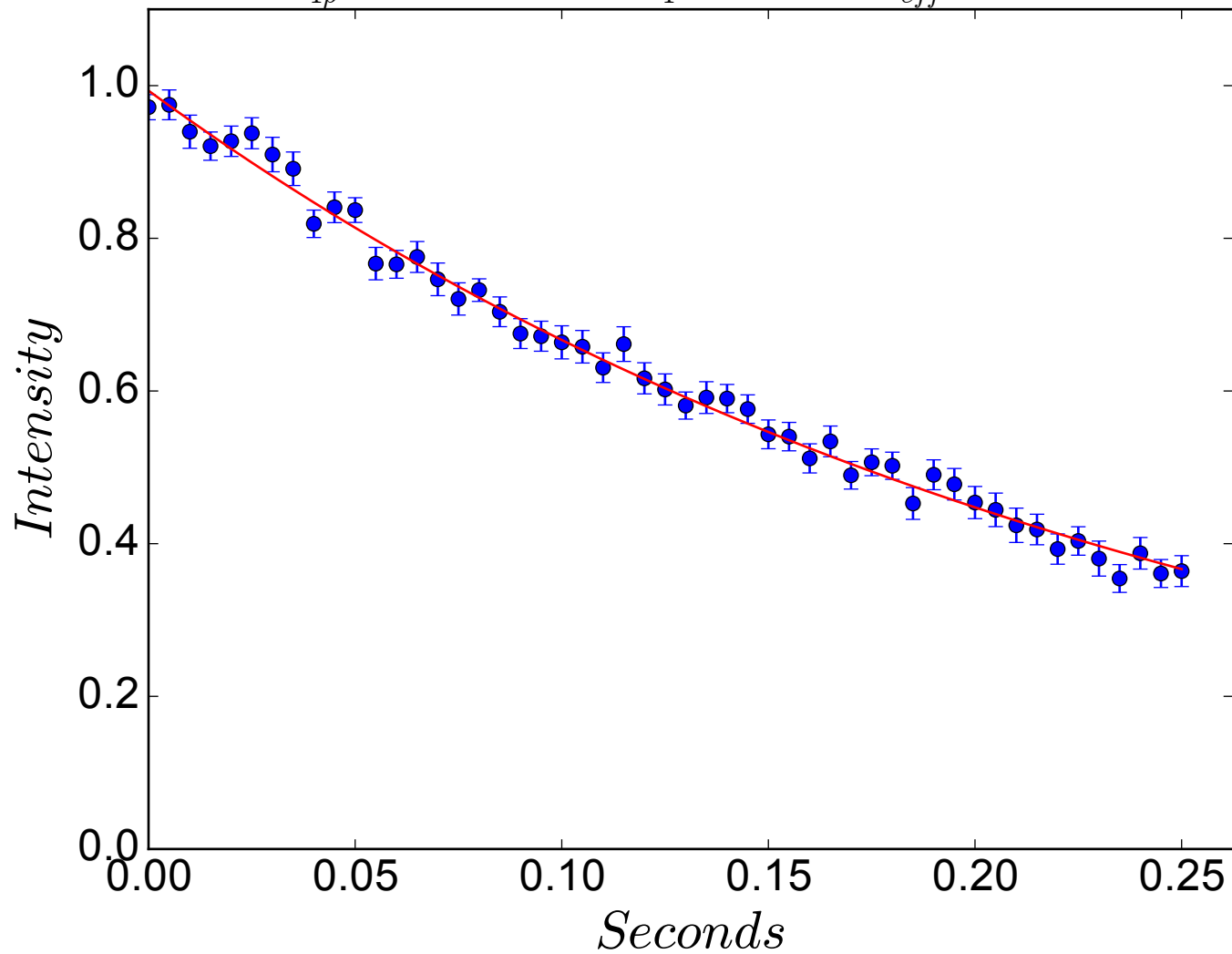


$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 658 \text{ Hz}$$

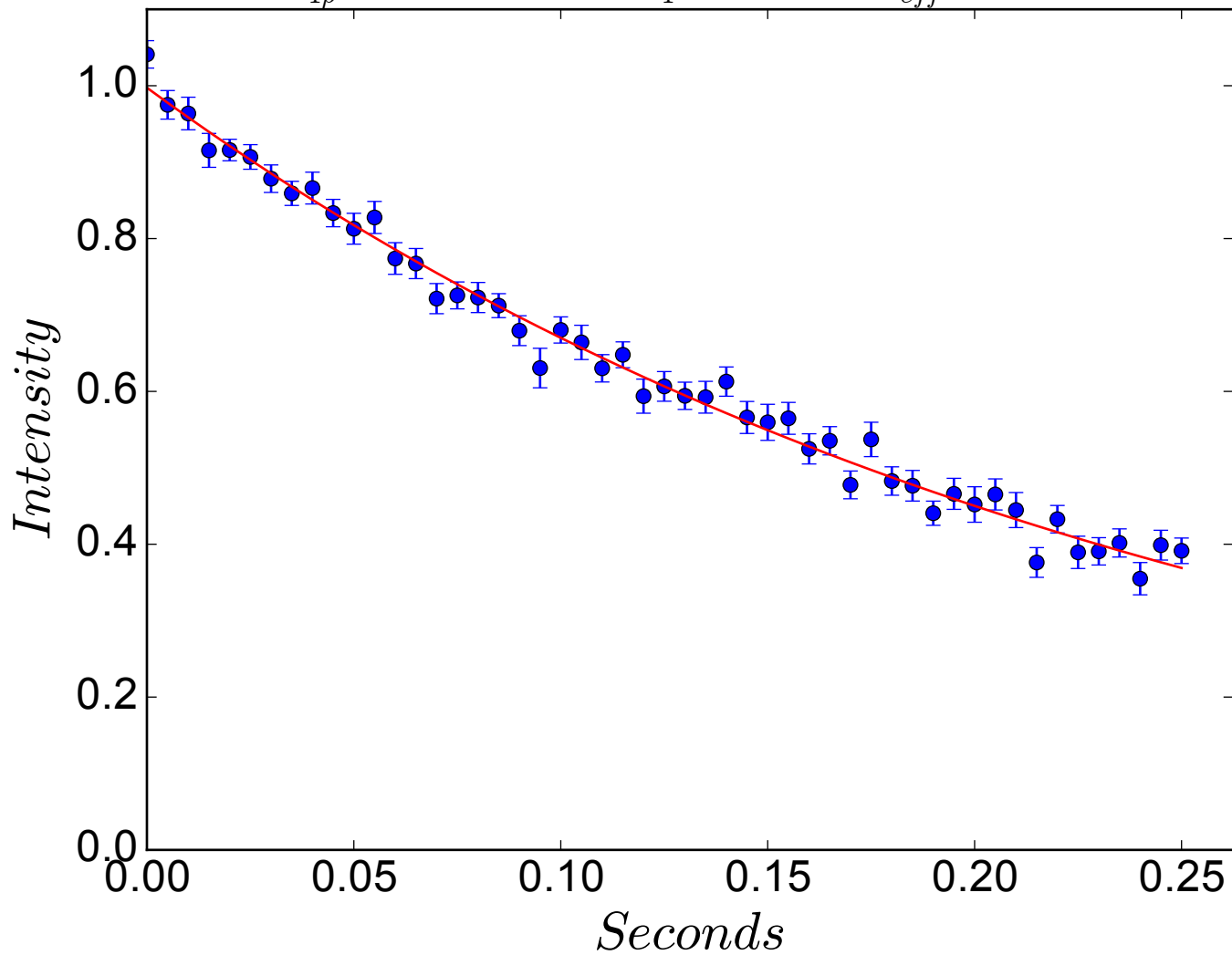




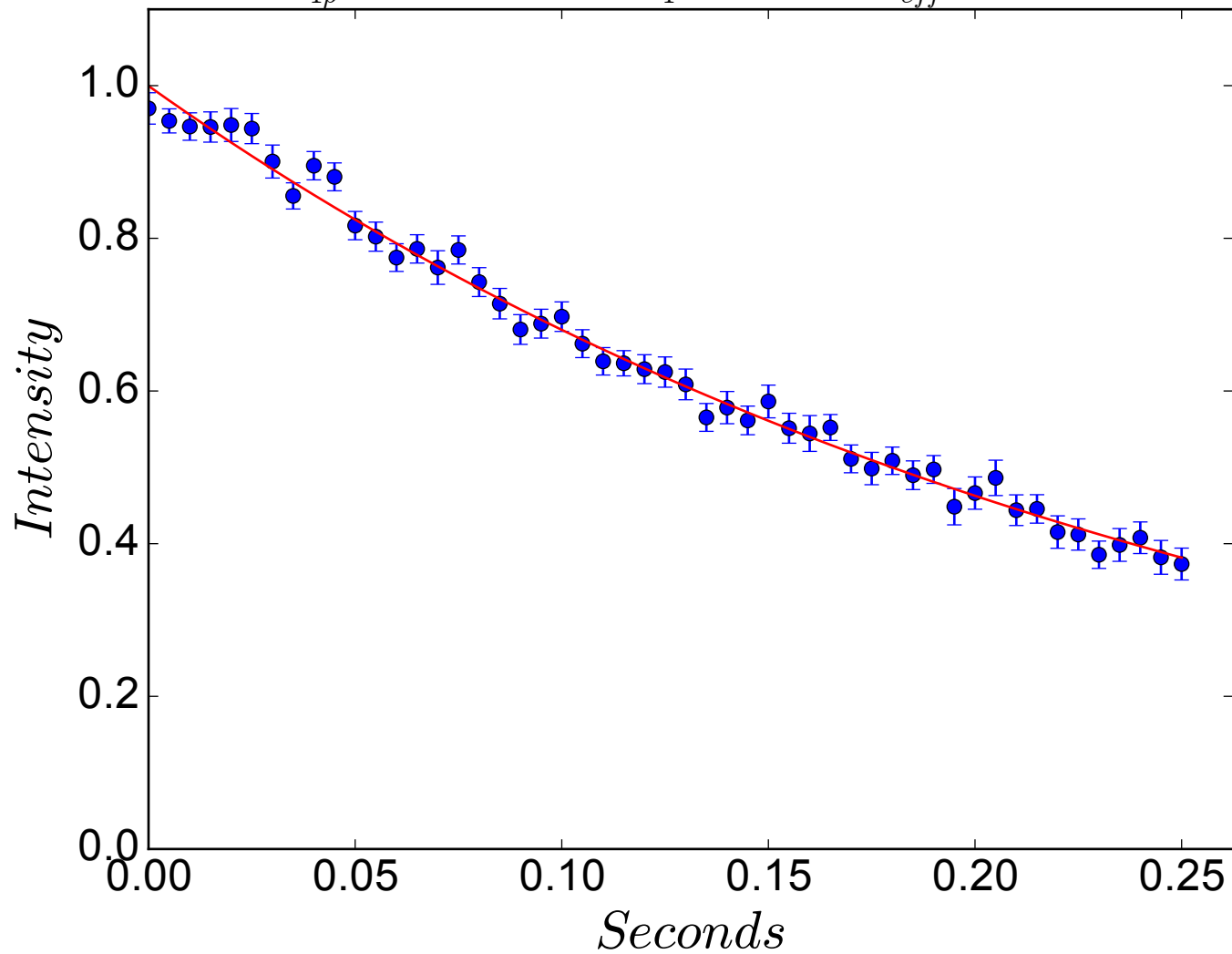
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 668 \text{ Hz}$$



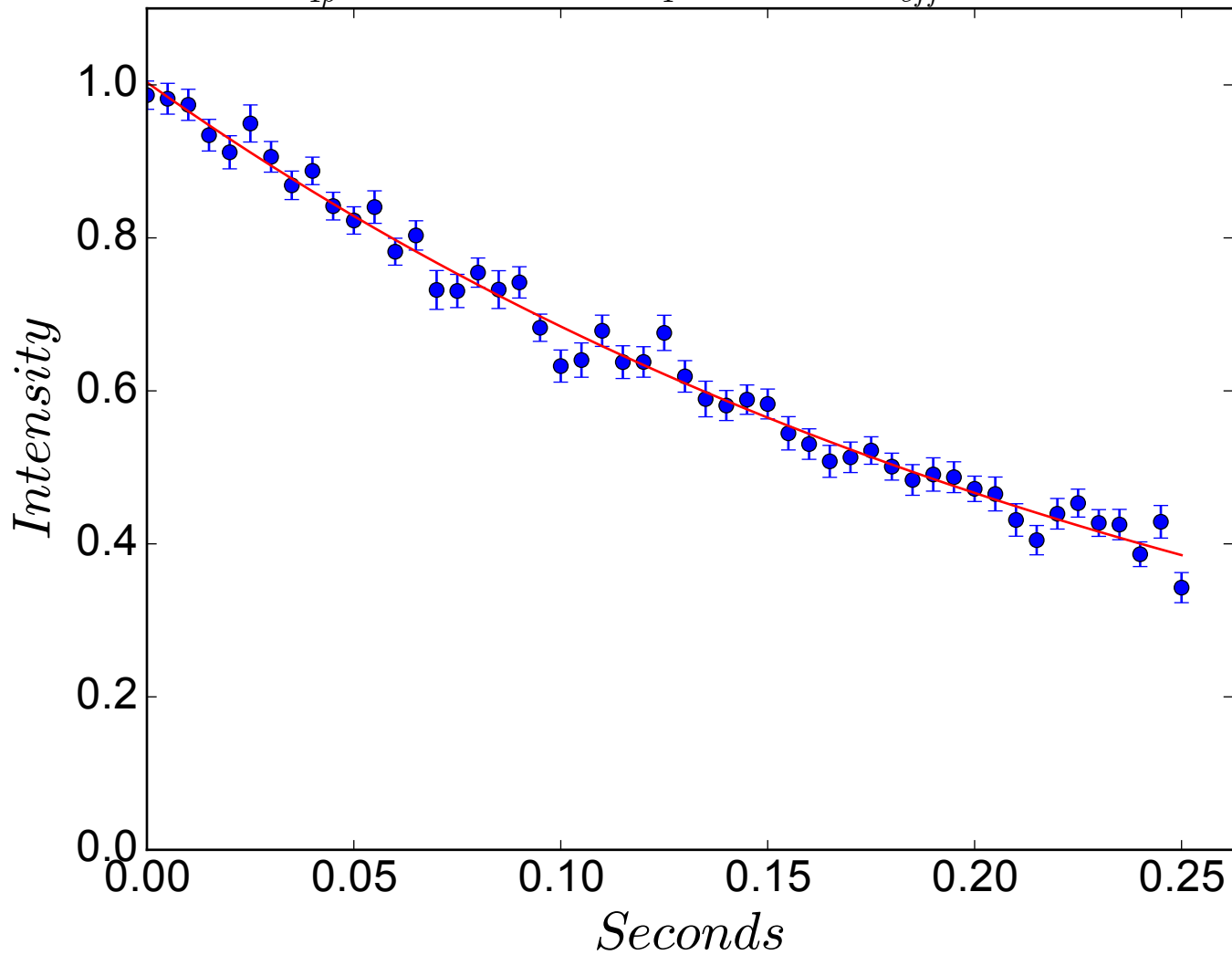
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 678 \text{ Hz}$$



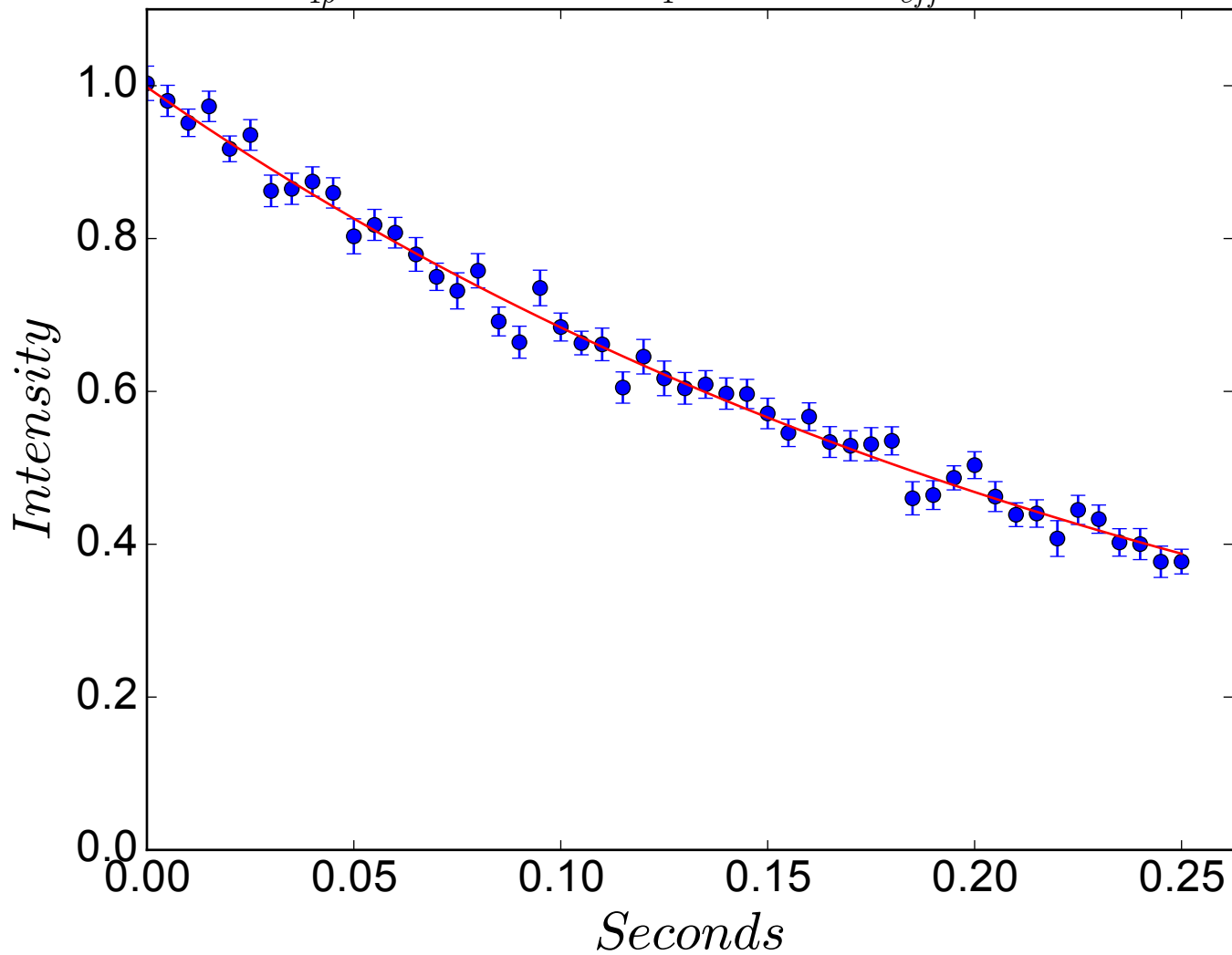
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 688 \text{ Hz}$$



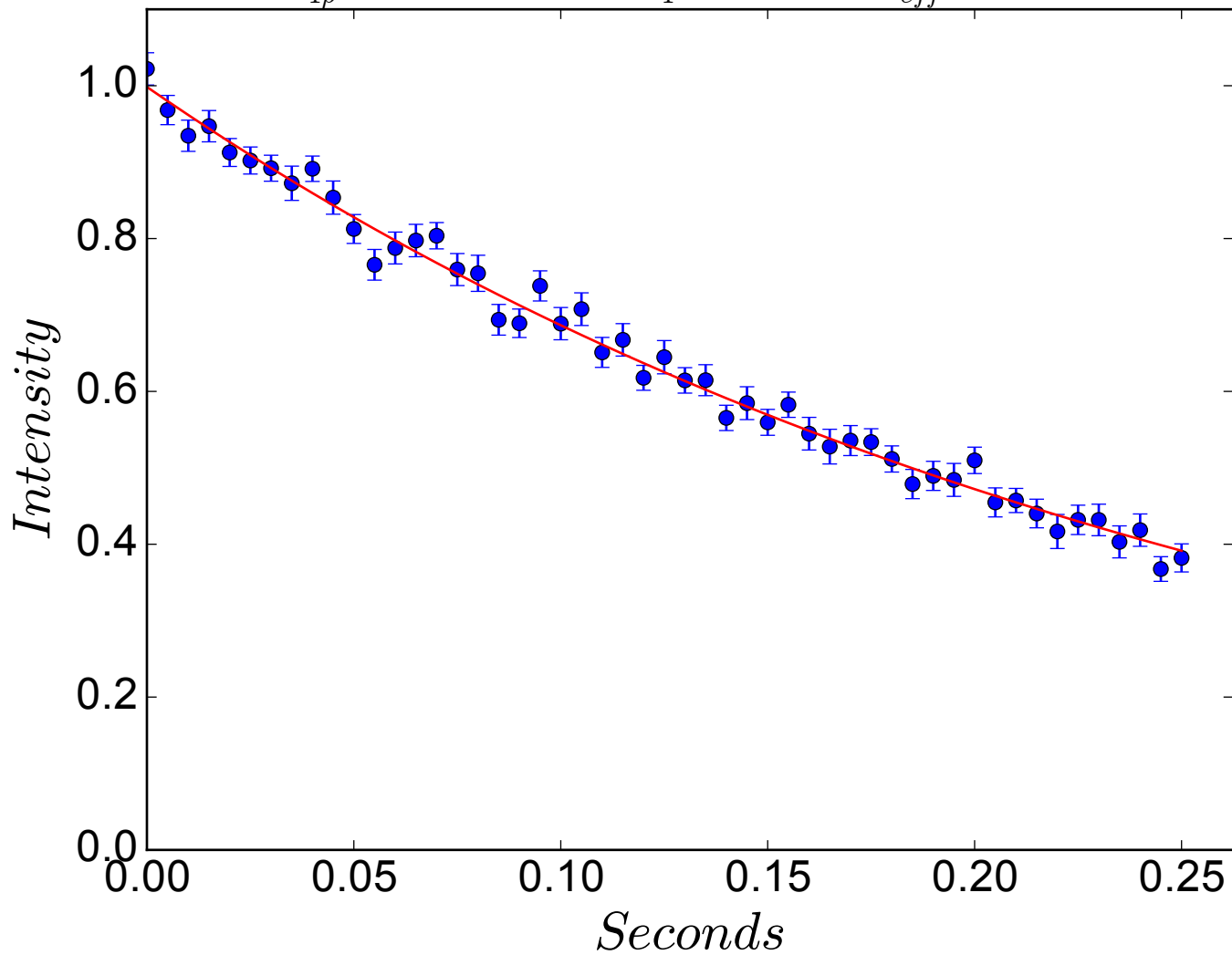
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 698 \text{ Hz}$$



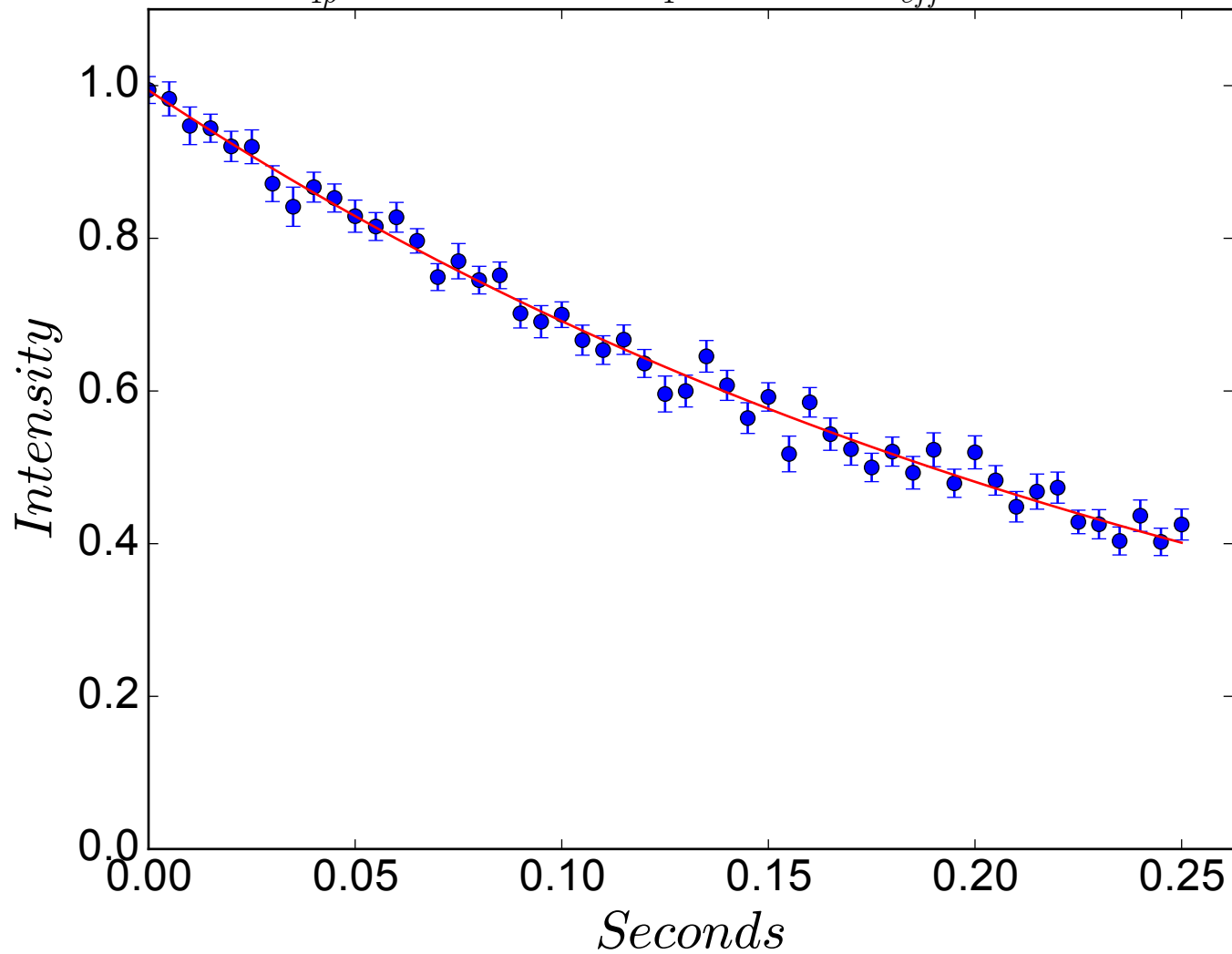
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 709 \text{ Hz}$$



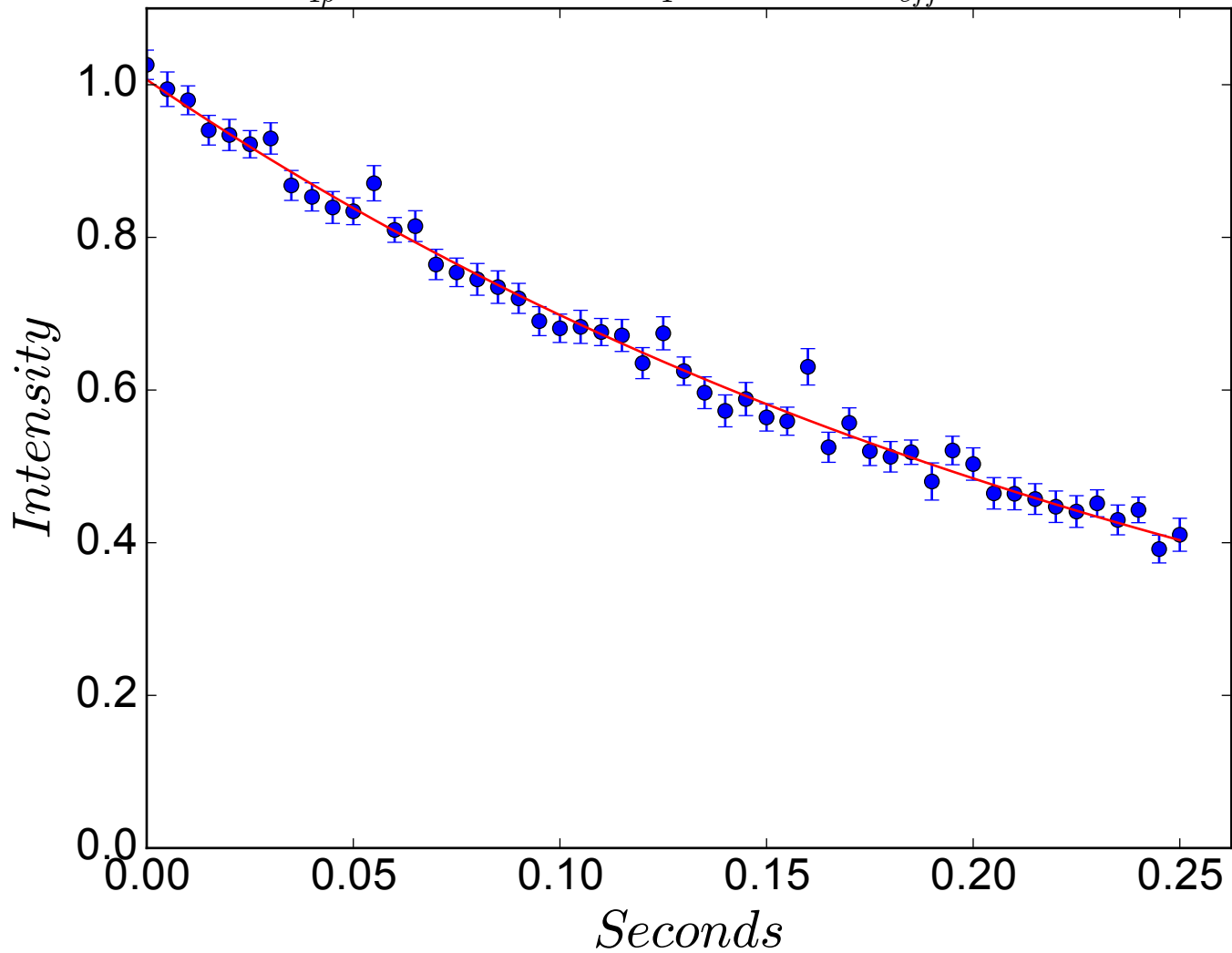
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 719 \text{ Hz}$$



$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 729 \text{ Hz}$$

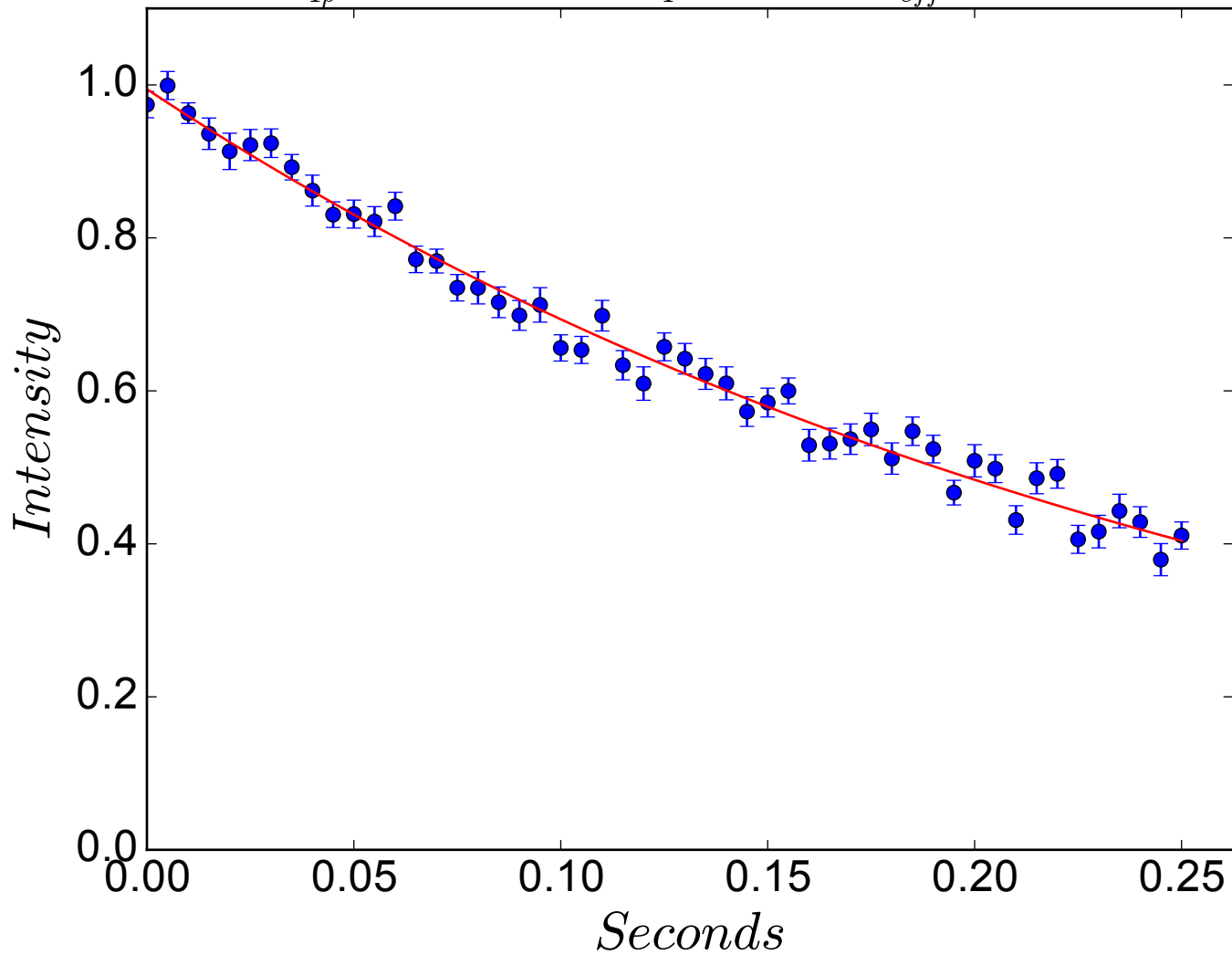


$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 739 \text{ Hz}$$

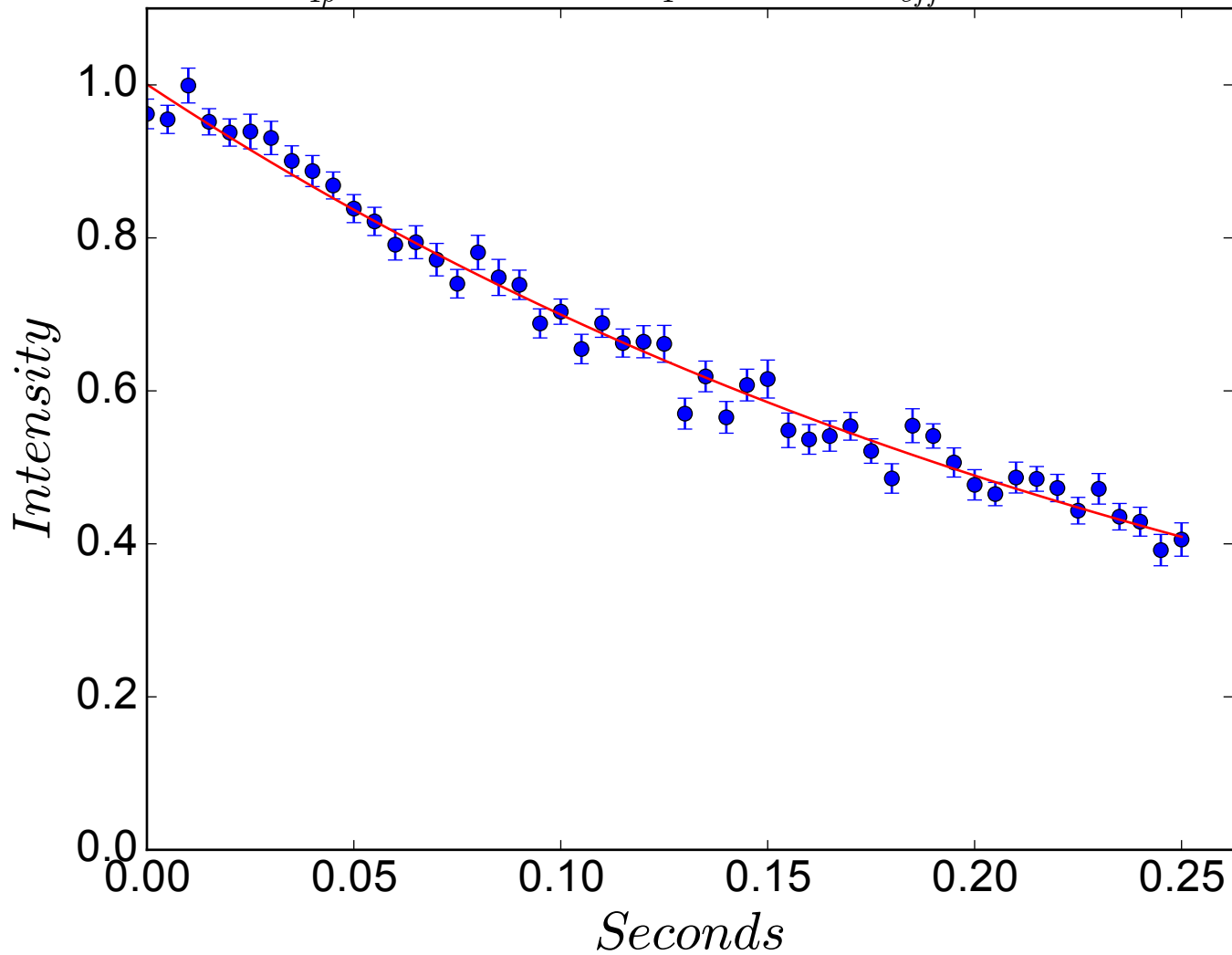




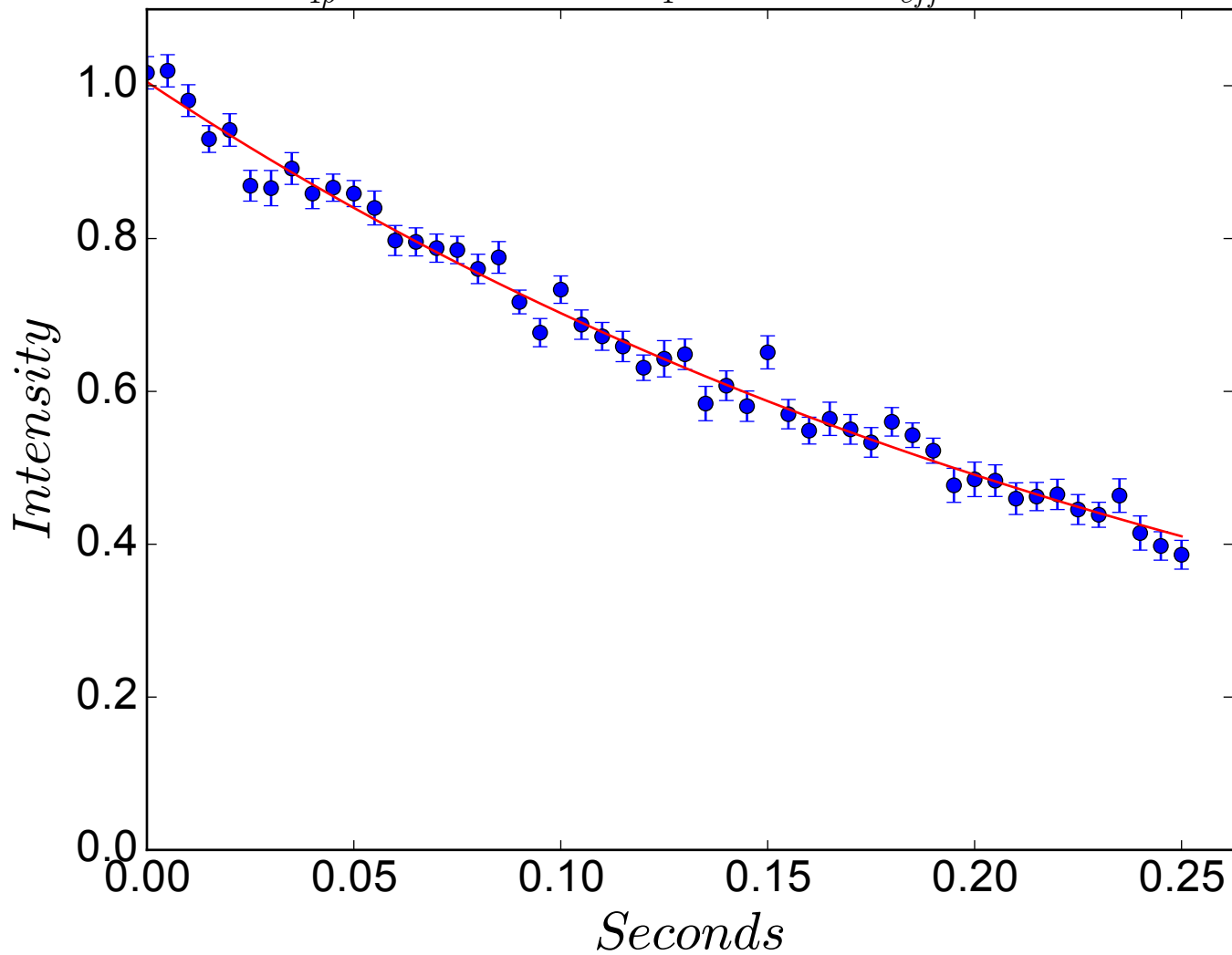
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 749 \text{ Hz}$$



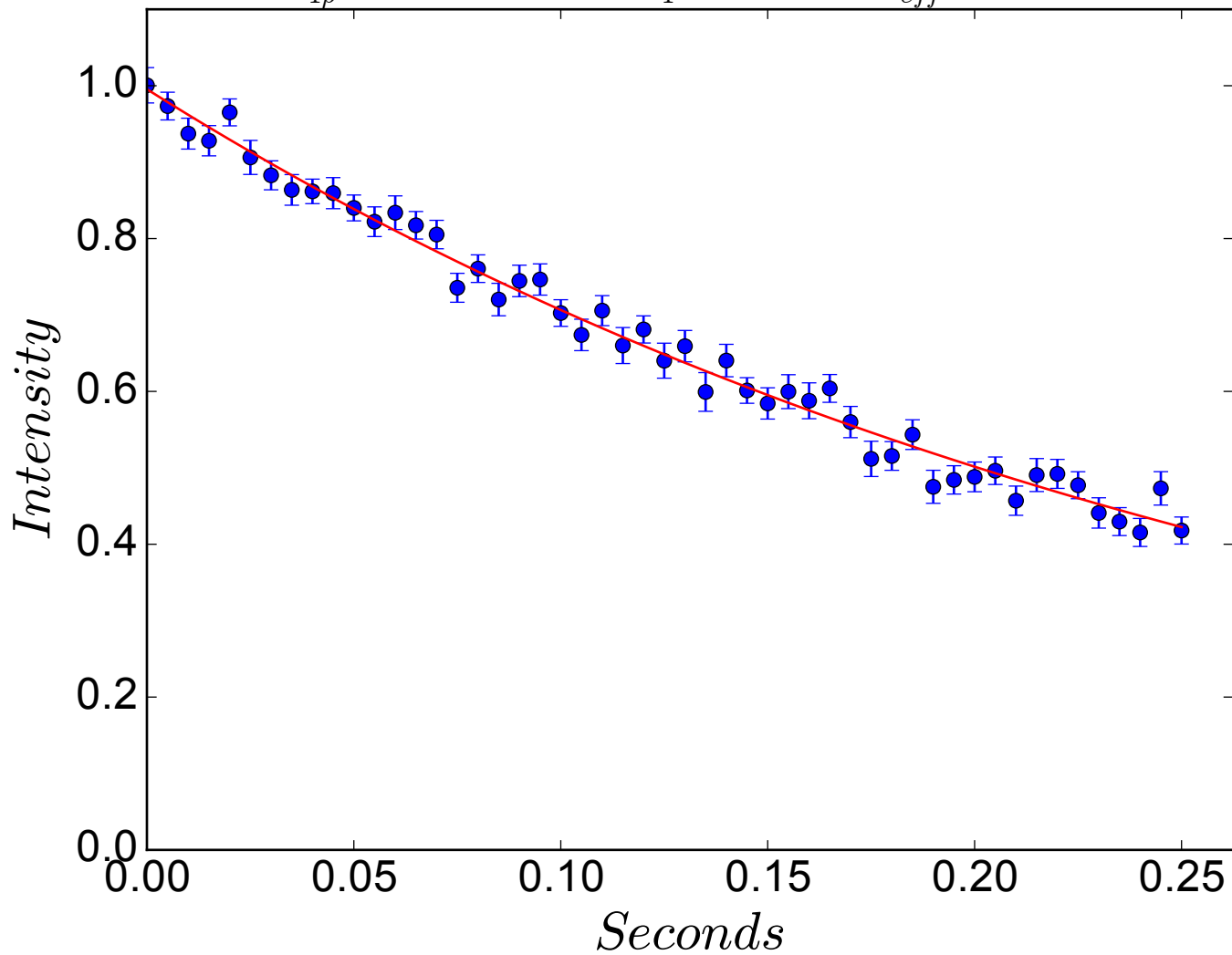
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 759 \text{ Hz}$$



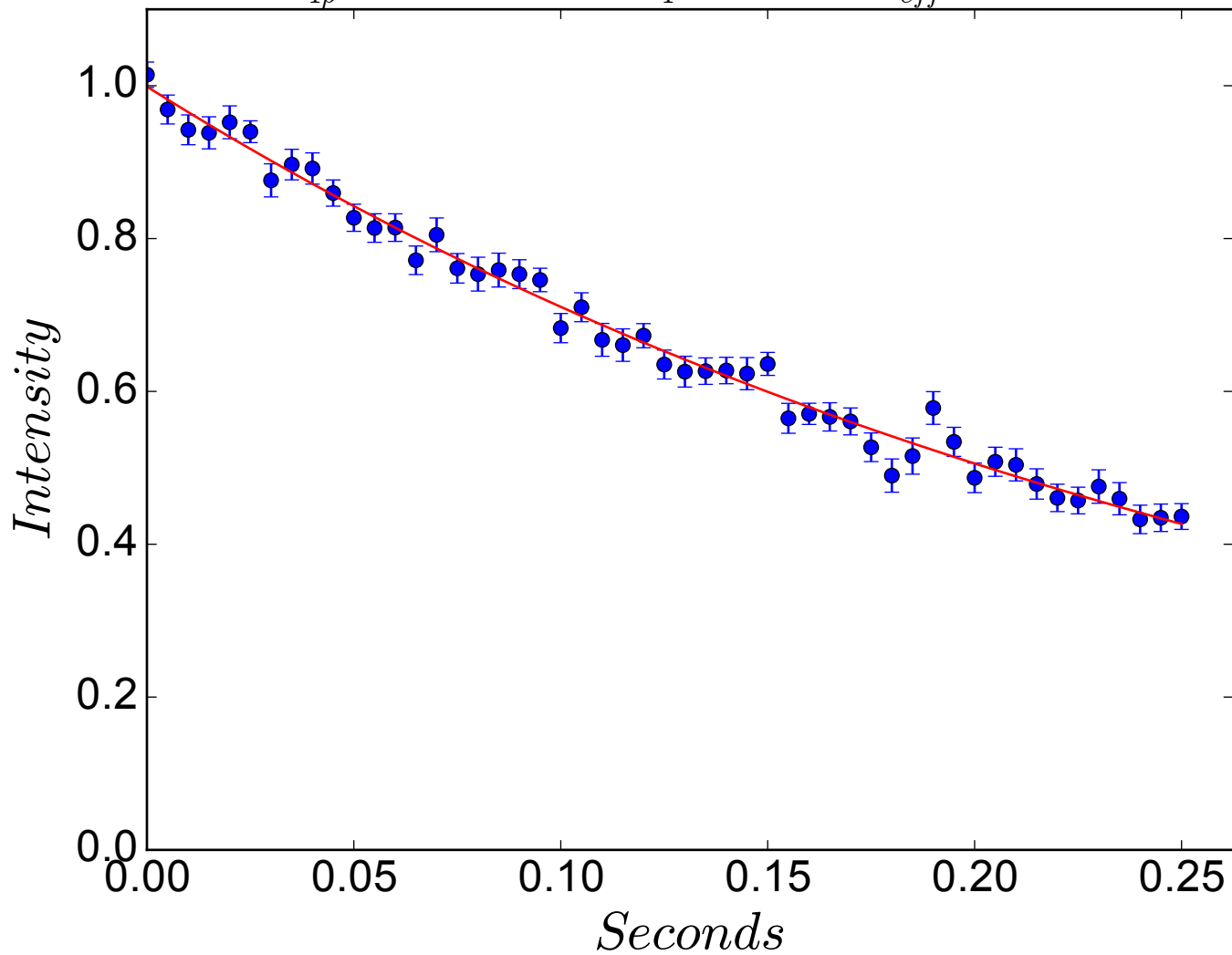
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 769 \text{ Hz}$$



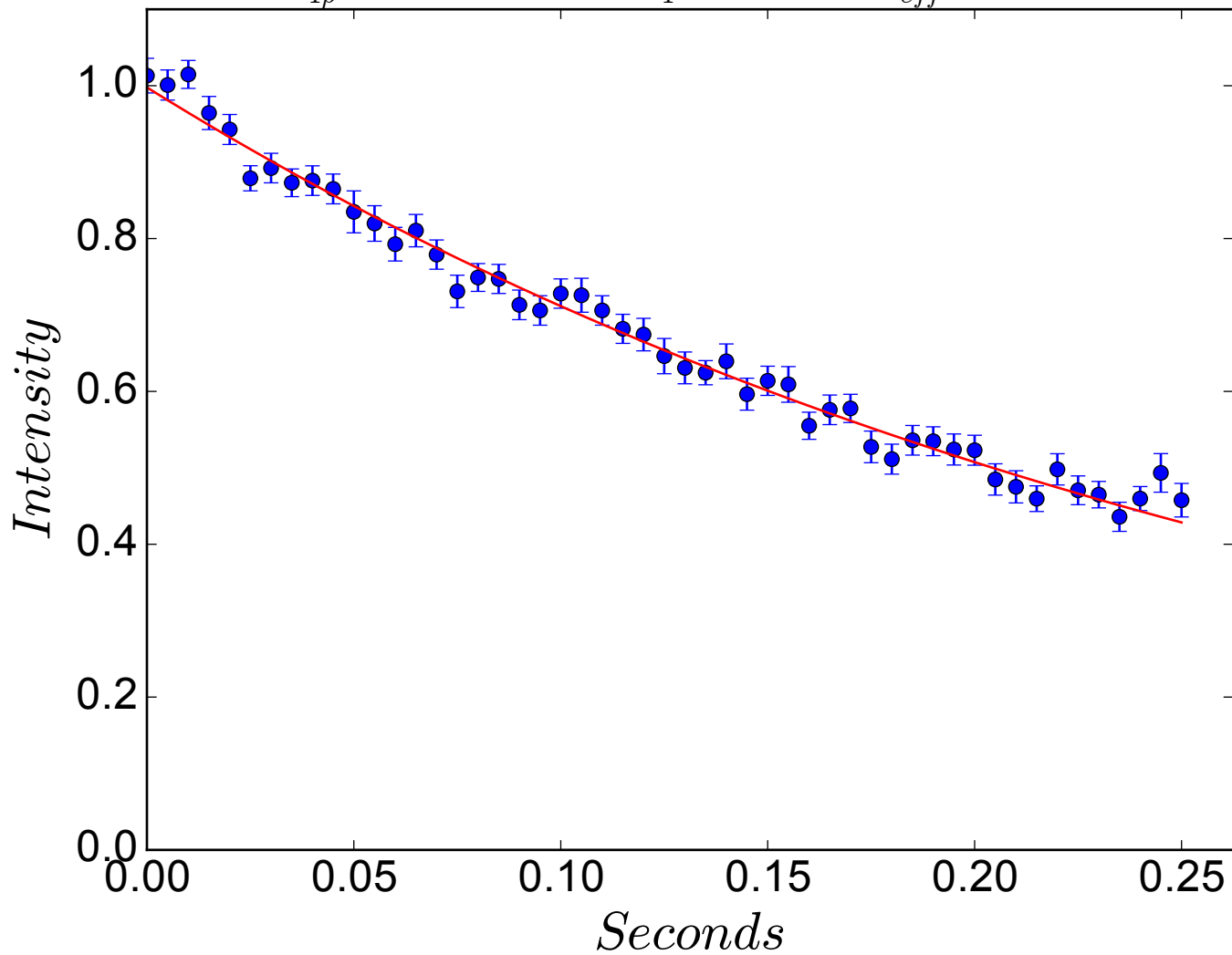
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 779 \text{ Hz}$$



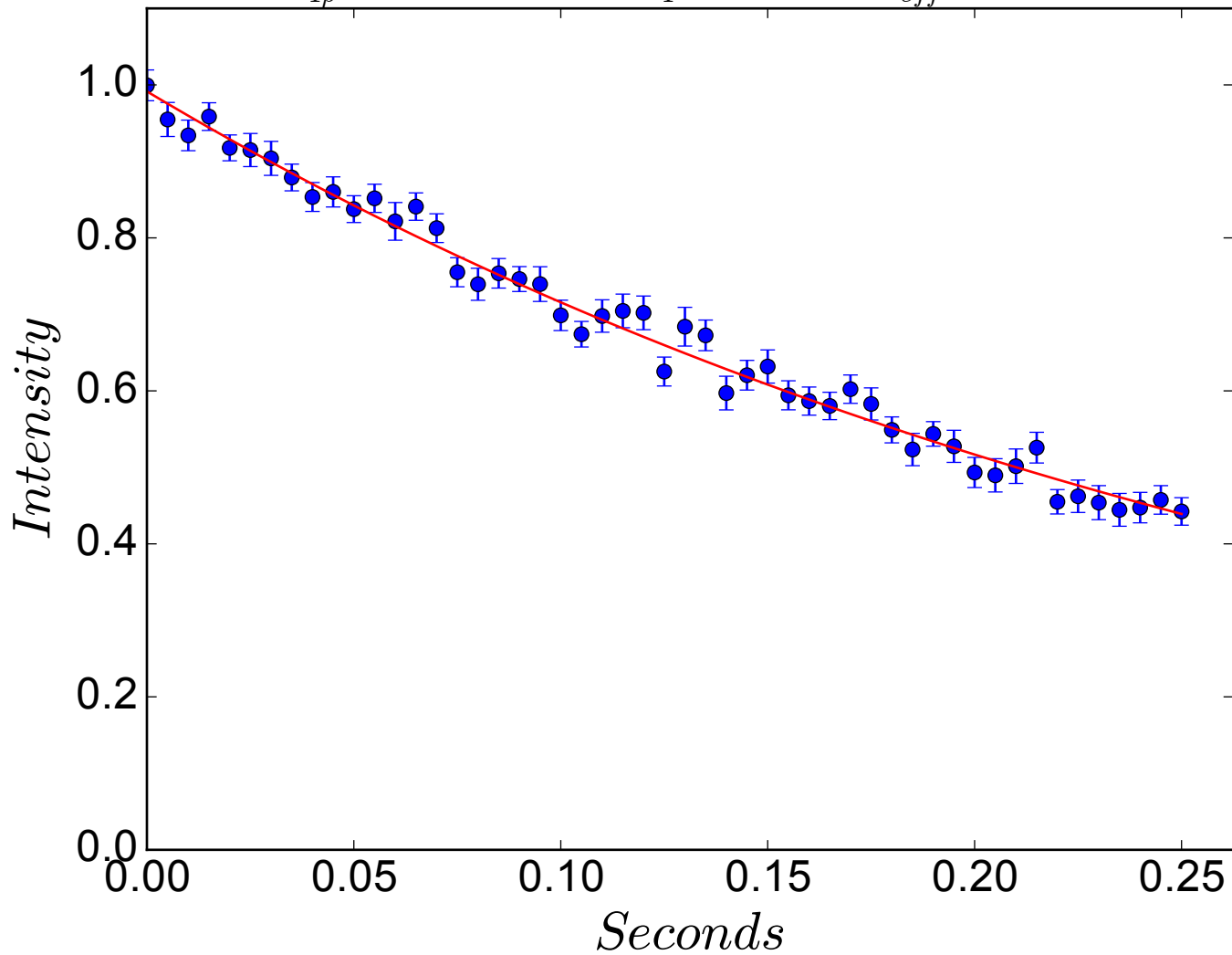
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 789 \text{ Hz}$$



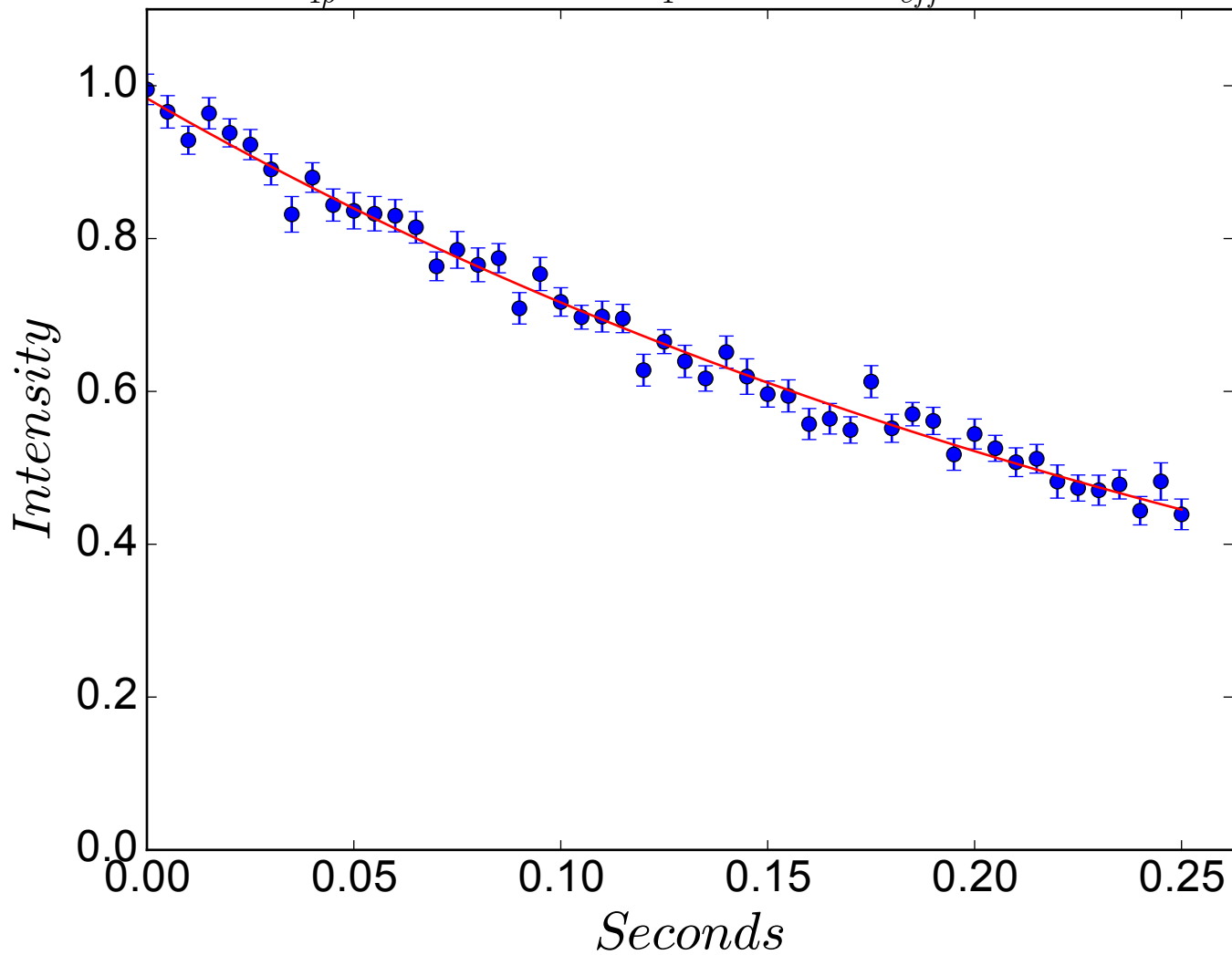
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 799 \text{ Hz}$$



$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 809 \text{ Hz}$$

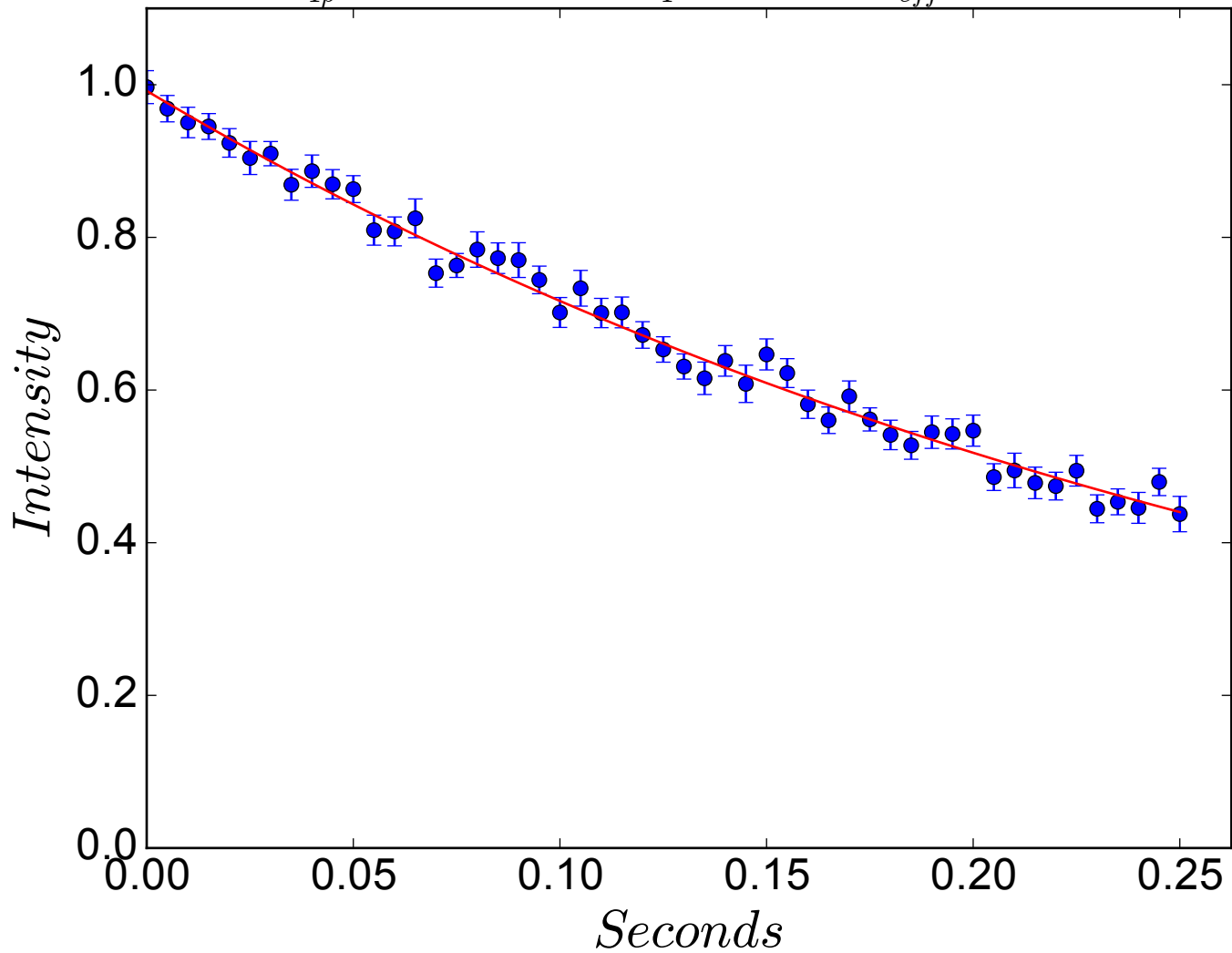


$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 819 \text{ Hz}$$

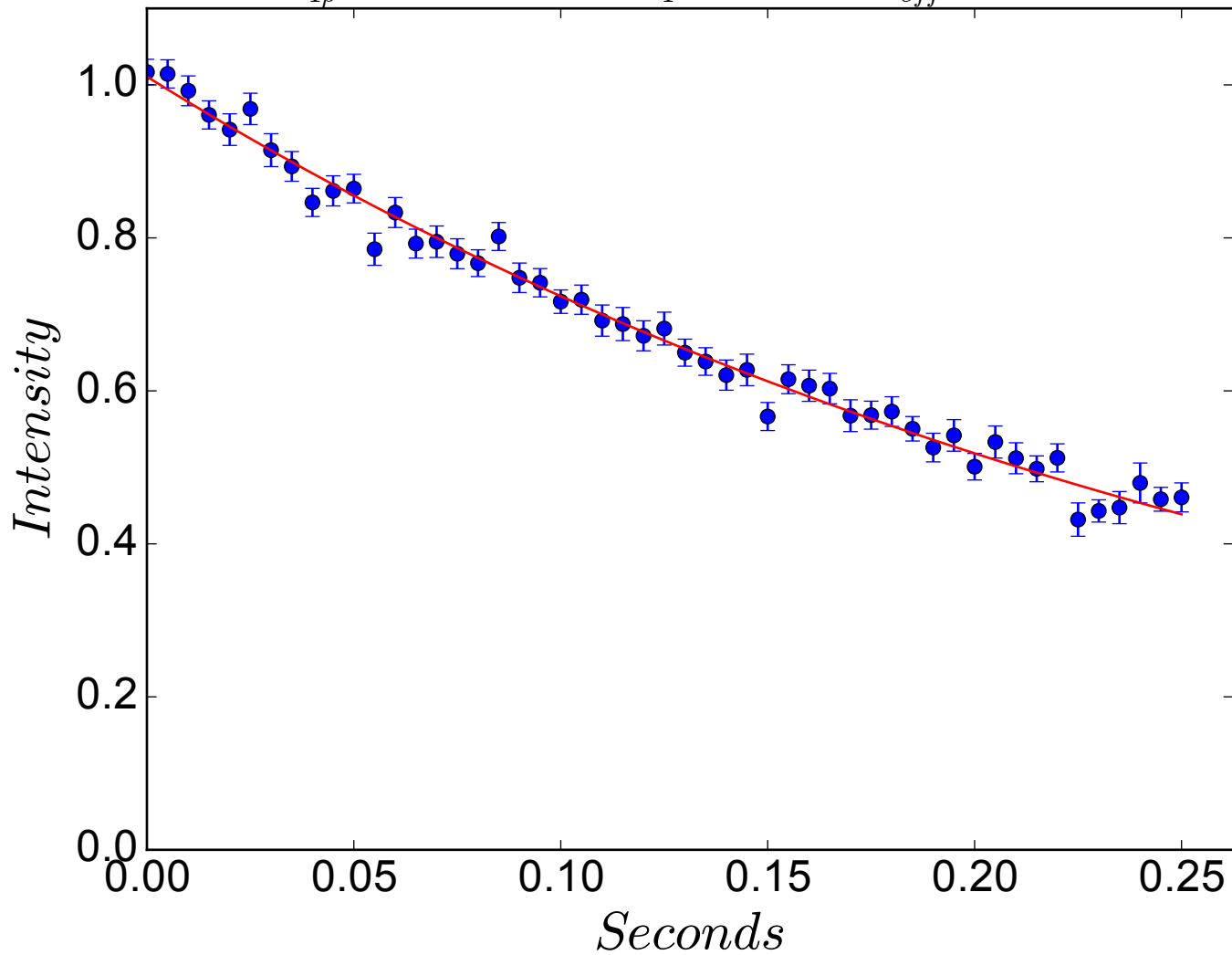




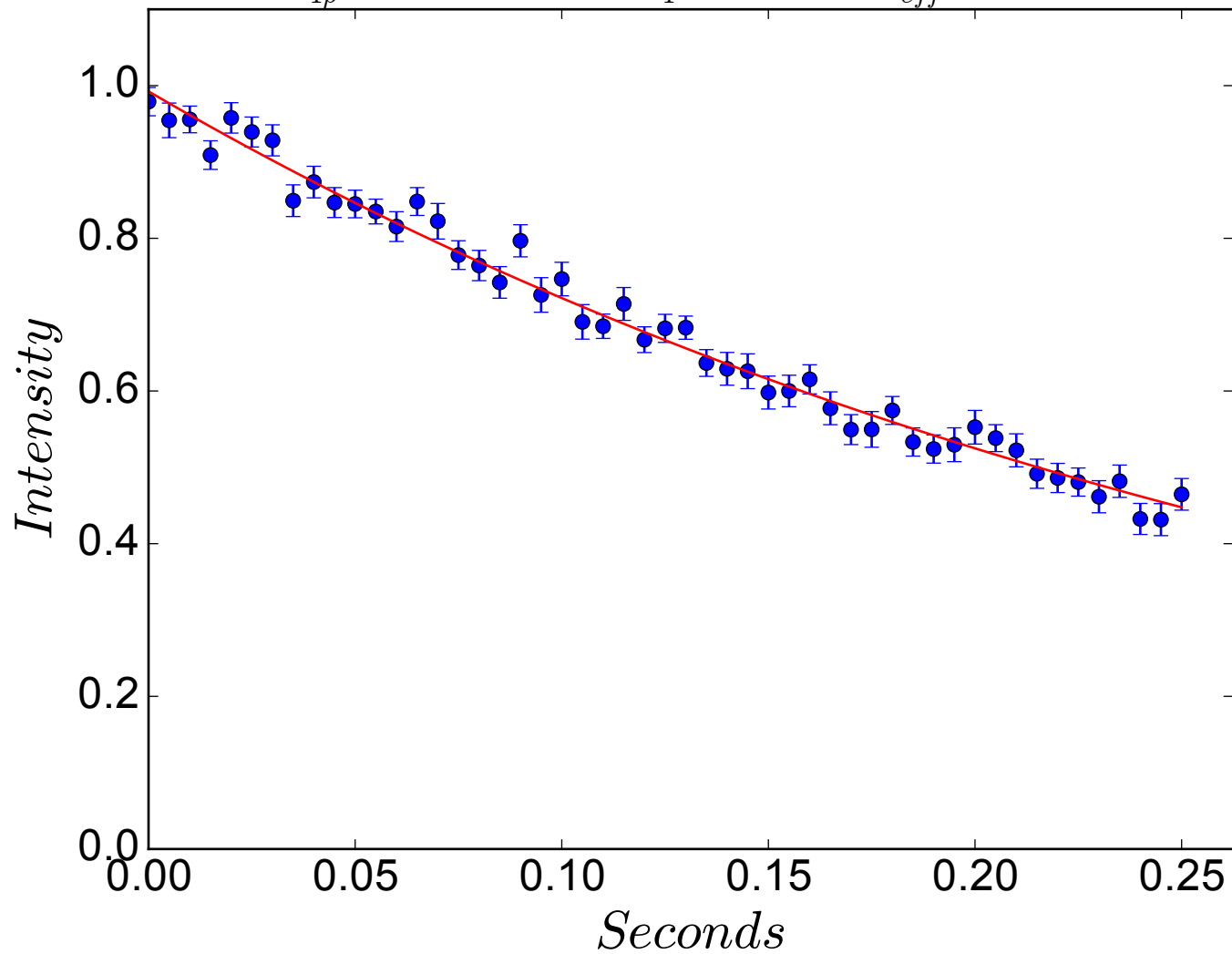
$$R_{1\rho} = 3.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 829 \text{ Hz}$$



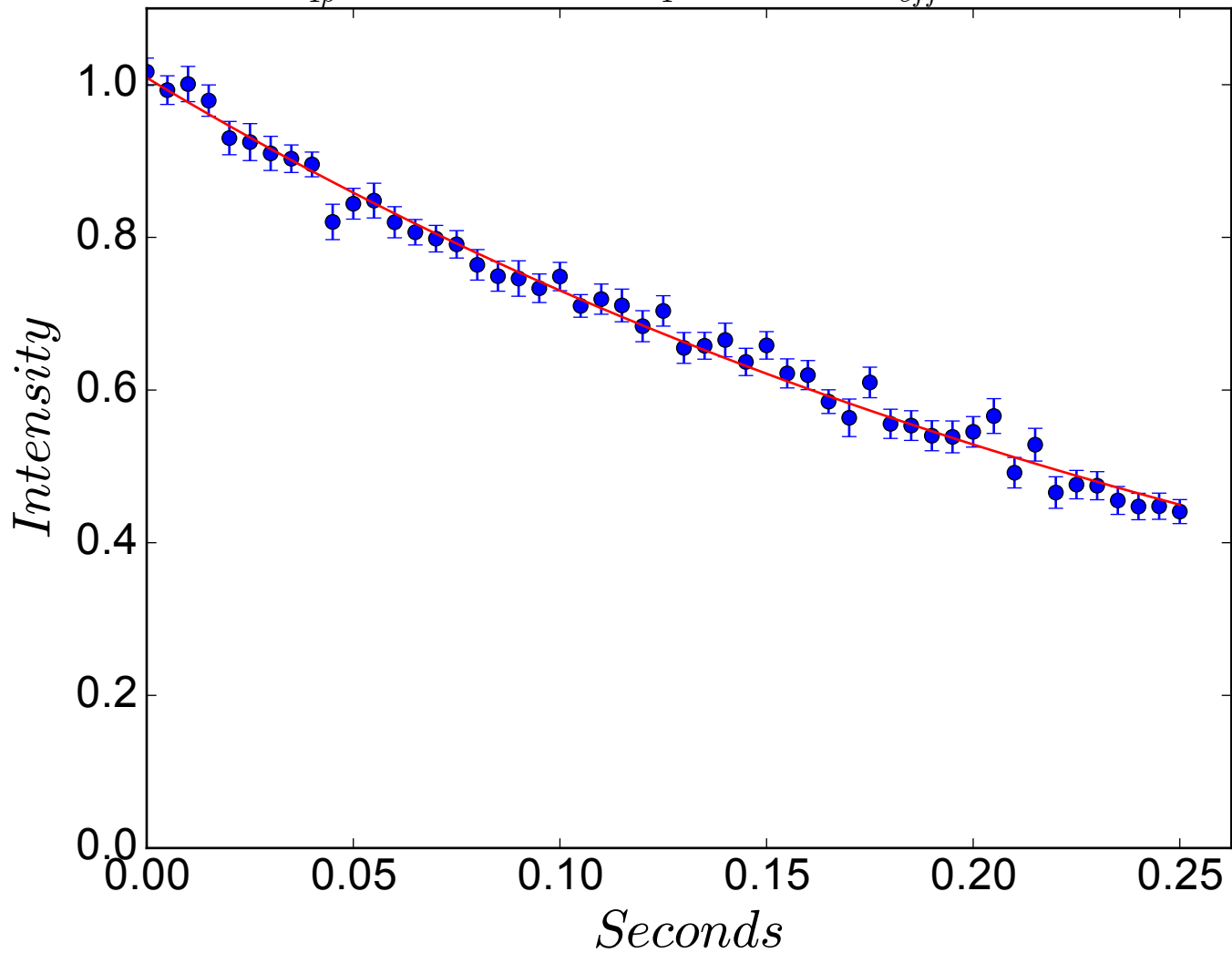
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 839 \text{ Hz}$$



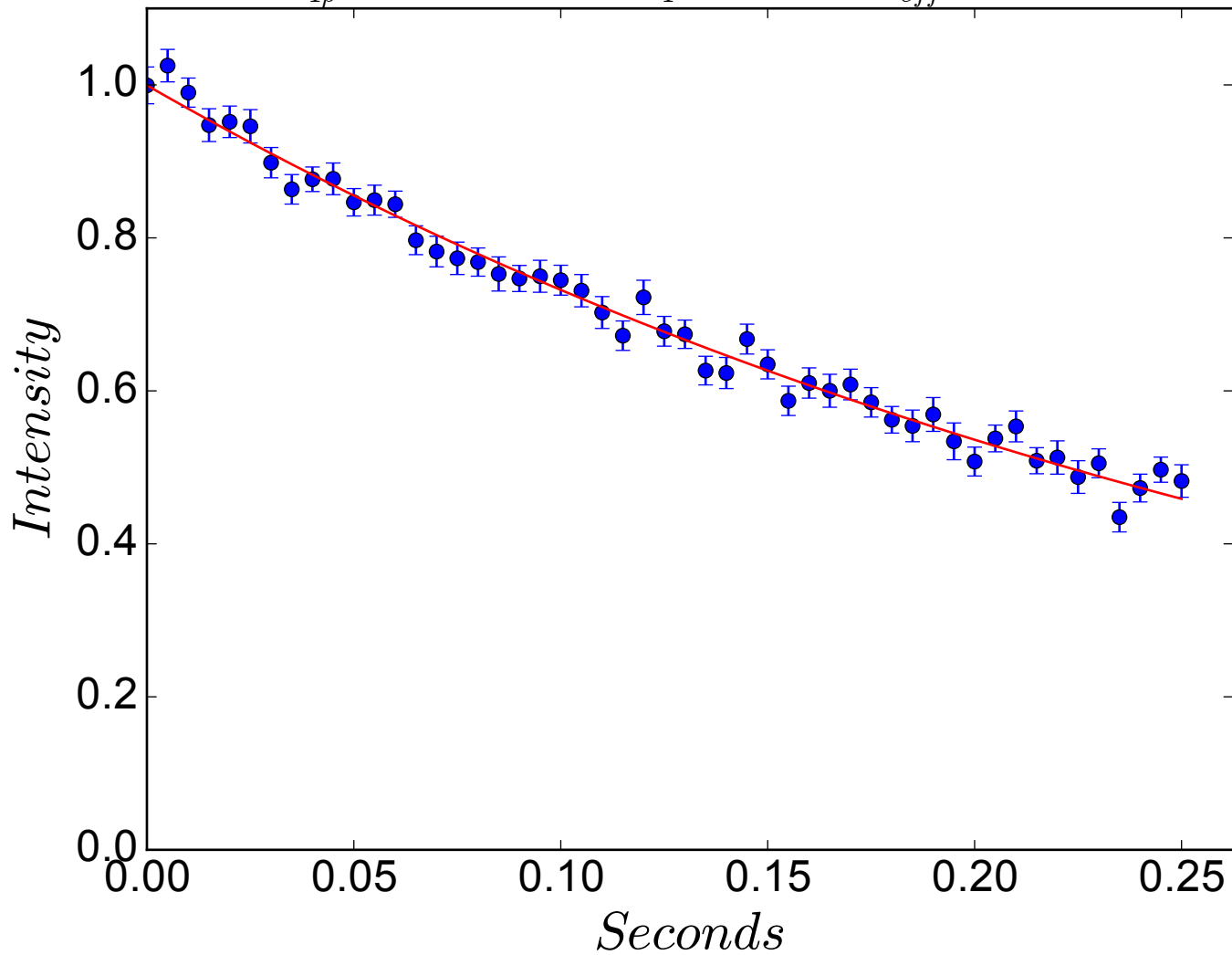
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 849 \text{ Hz}$$



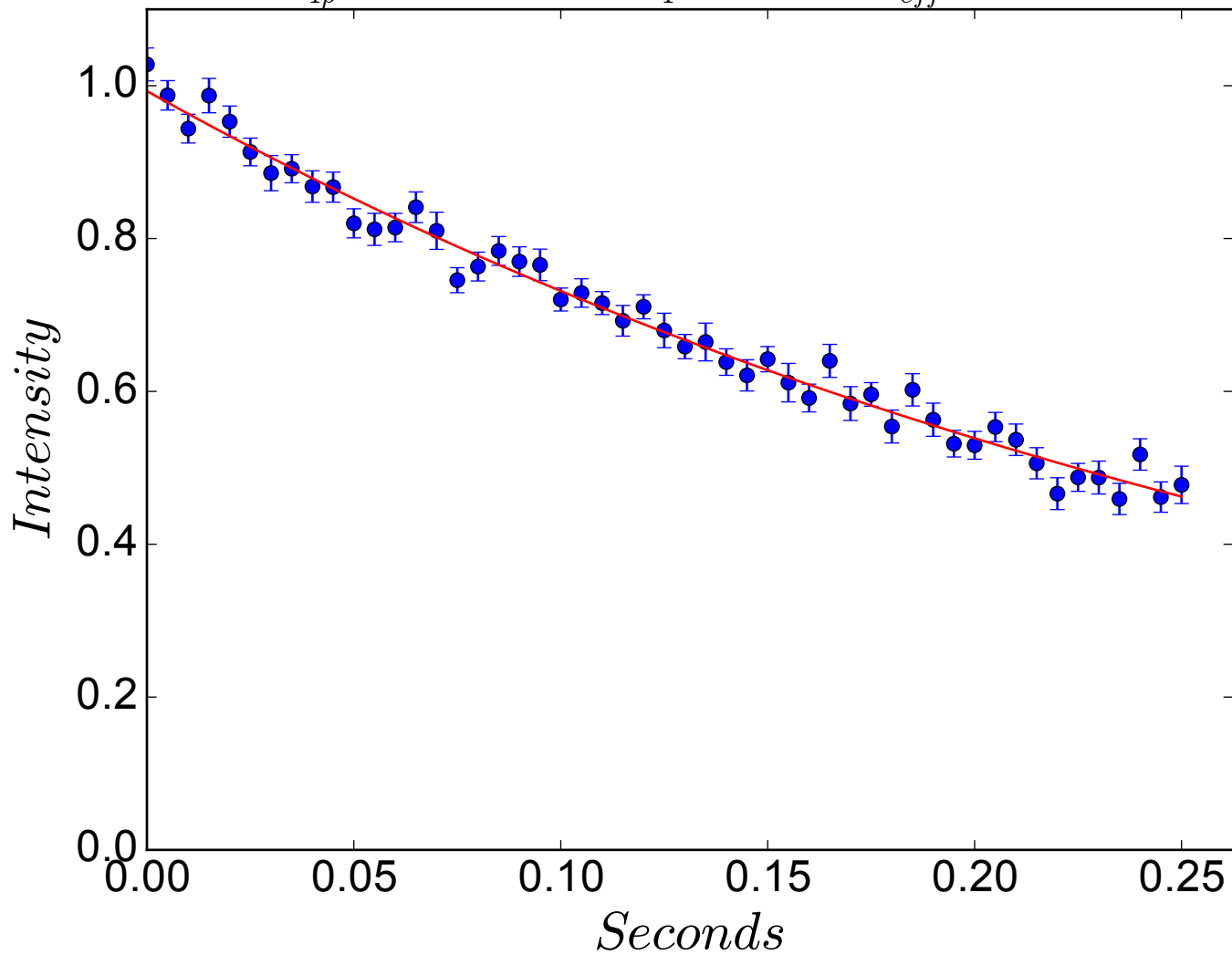
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 859 \text{ Hz}$$



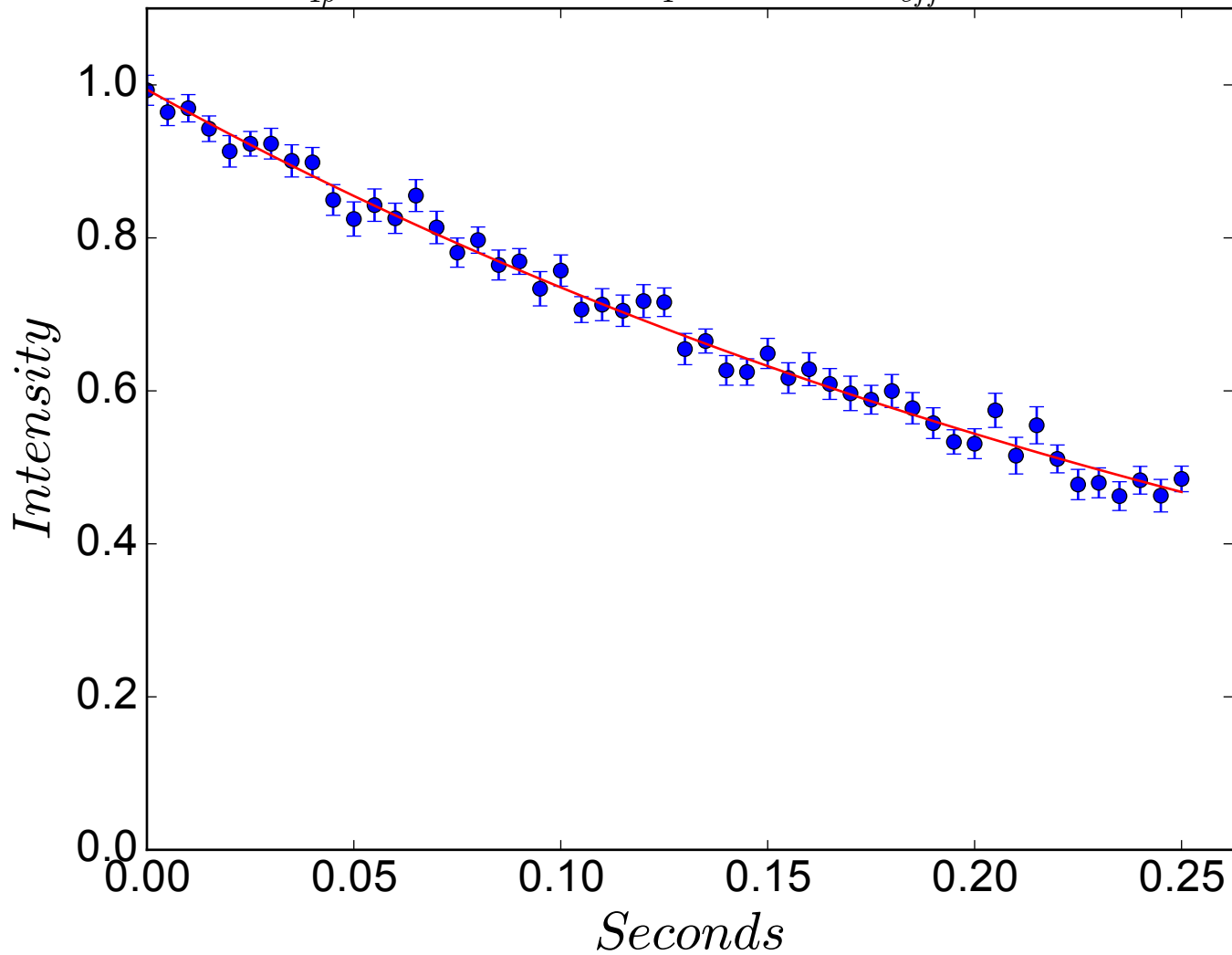
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 869 \text{ Hz}$$



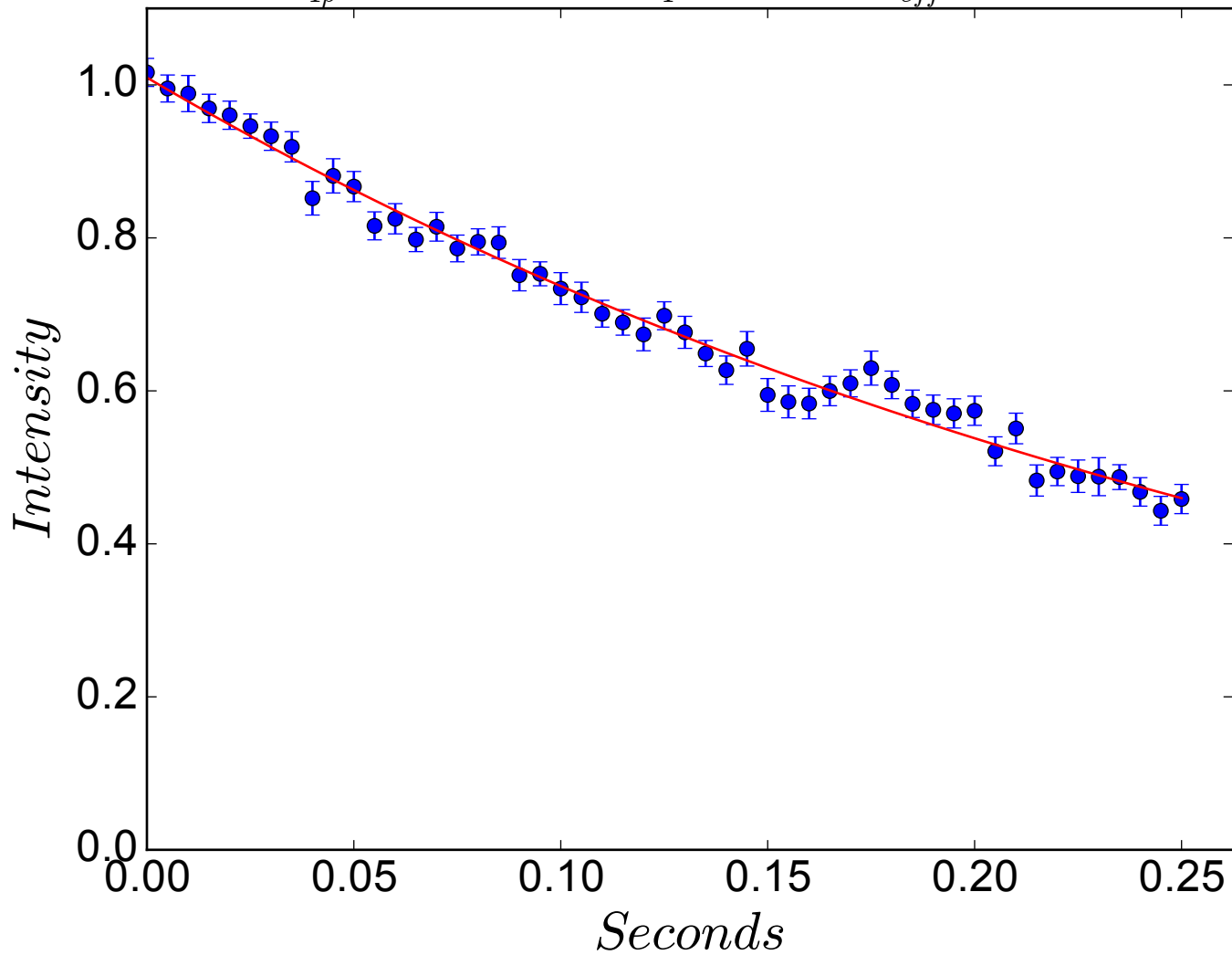
$$R_{1\rho} = 3.1 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 879 \text{ Hz}$$



$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 889 \text{ Hz}$$

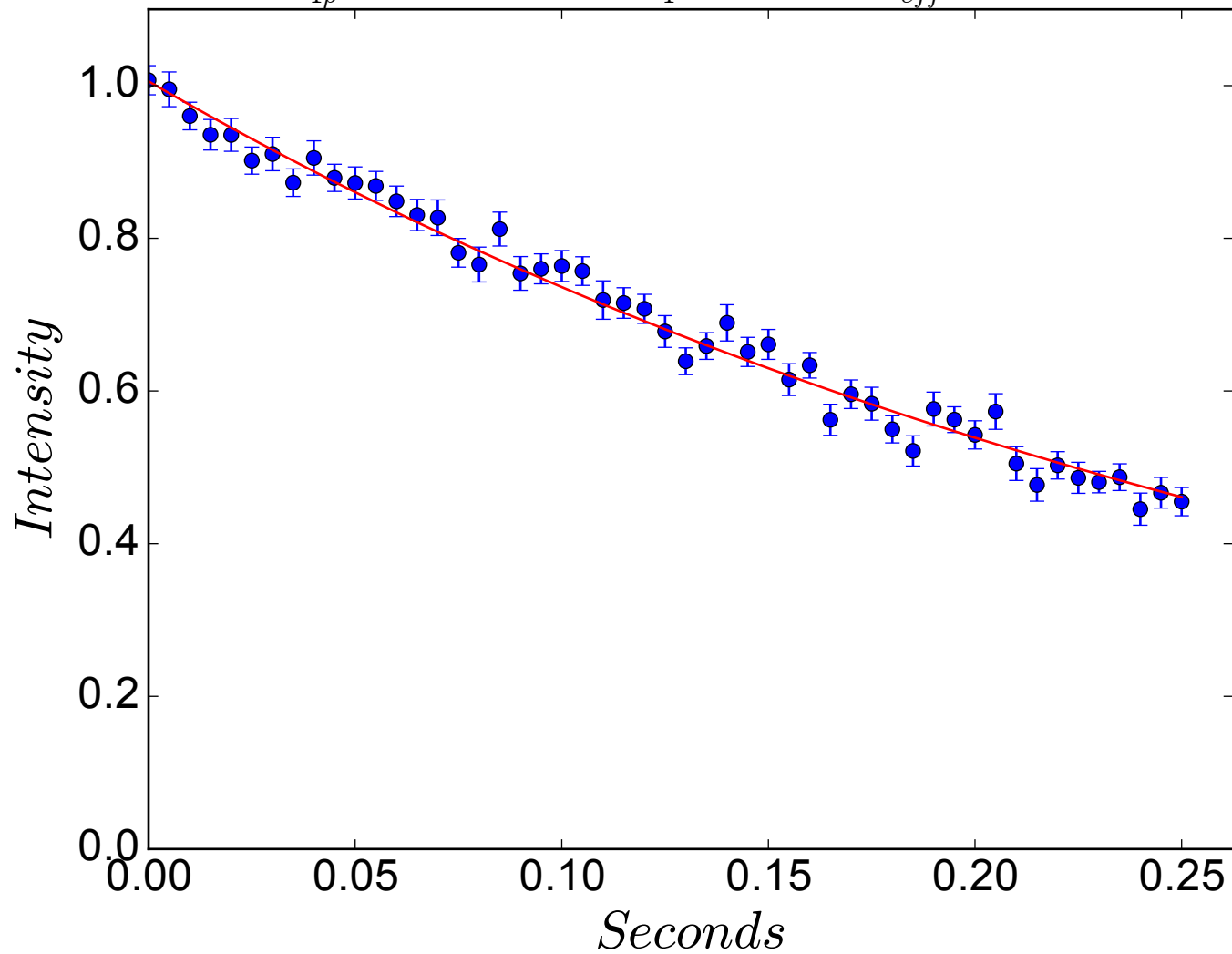


$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 899 \text{ Hz}$$

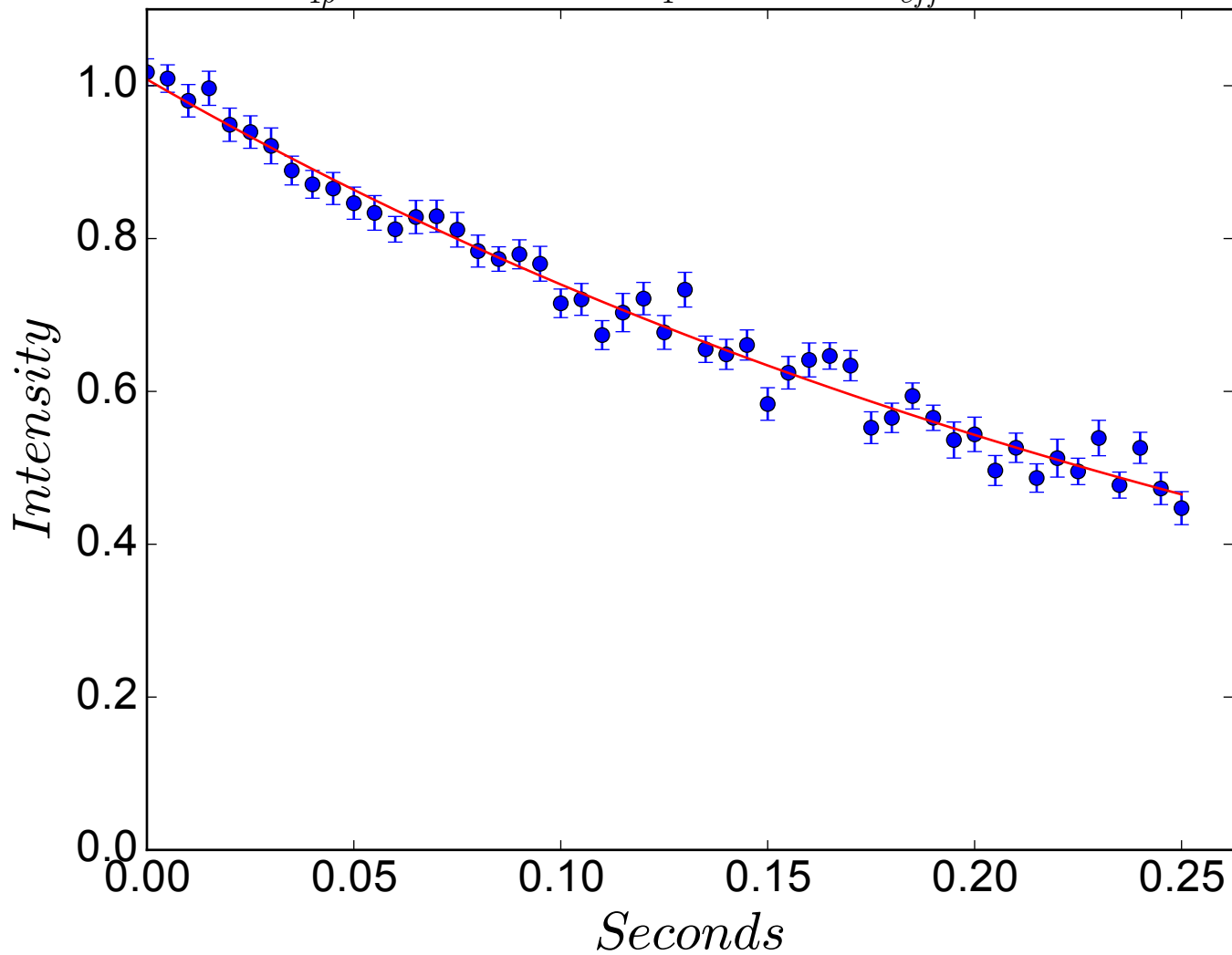




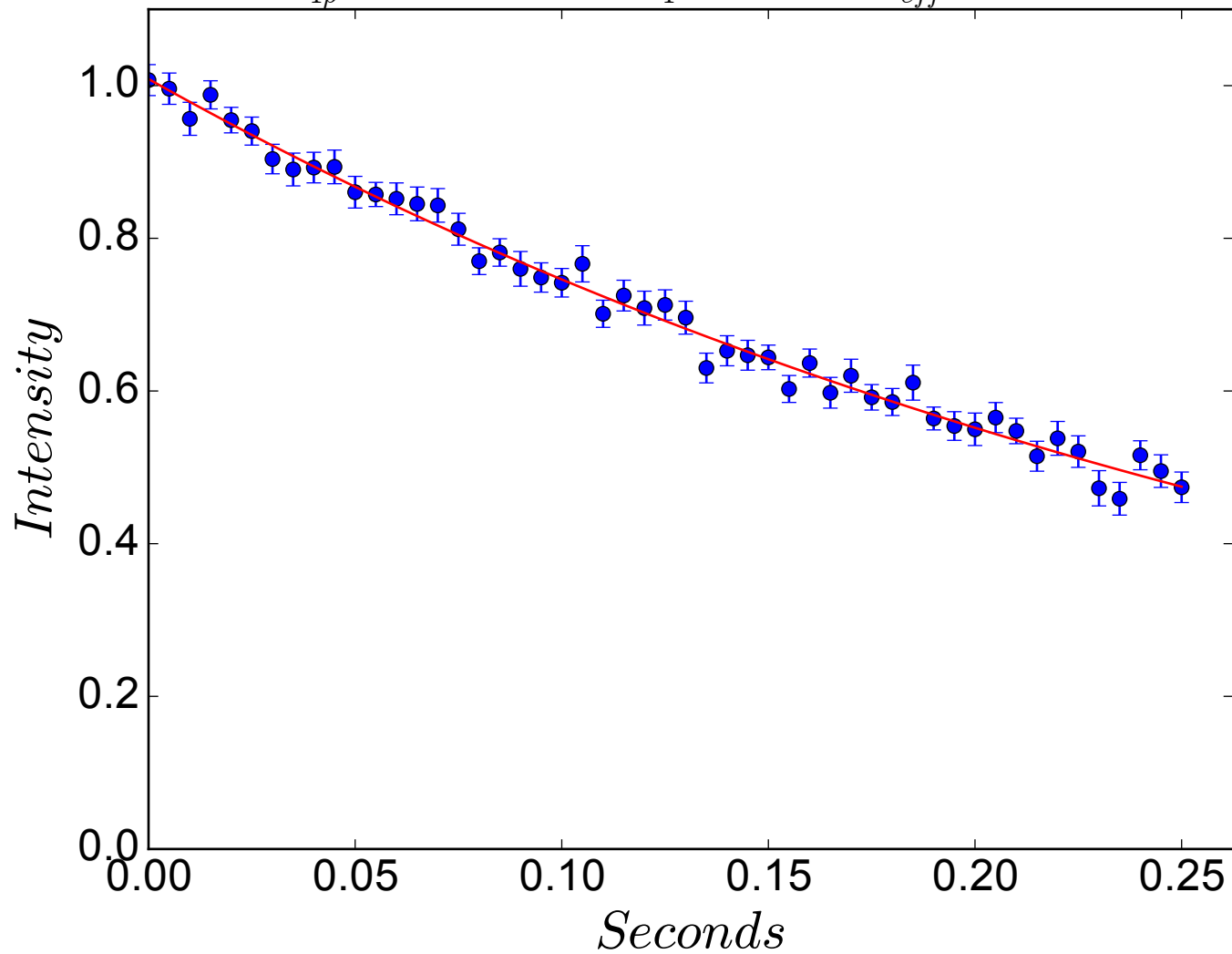
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 910 \text{ Hz}$$



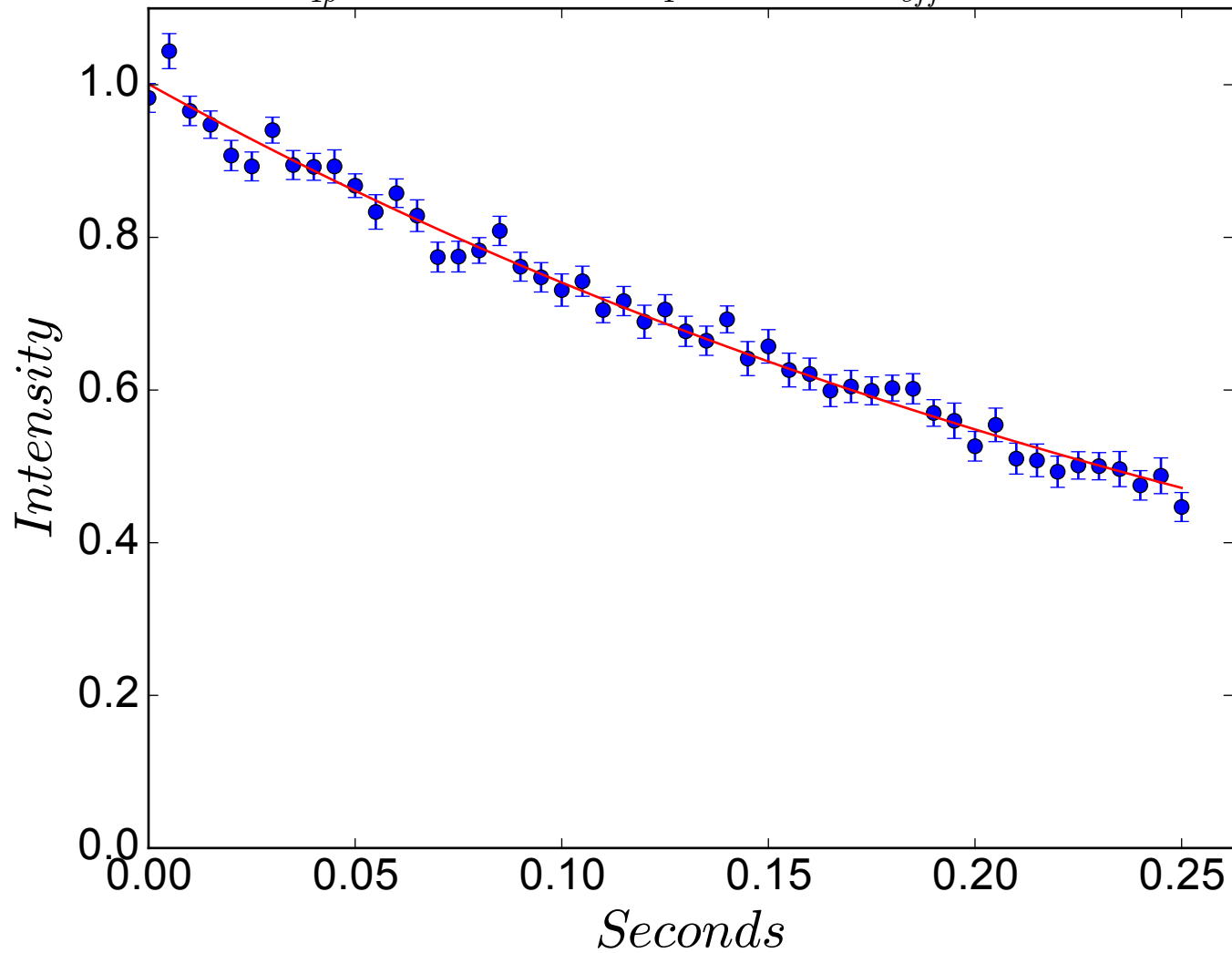
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 920 \text{ Hz}$$



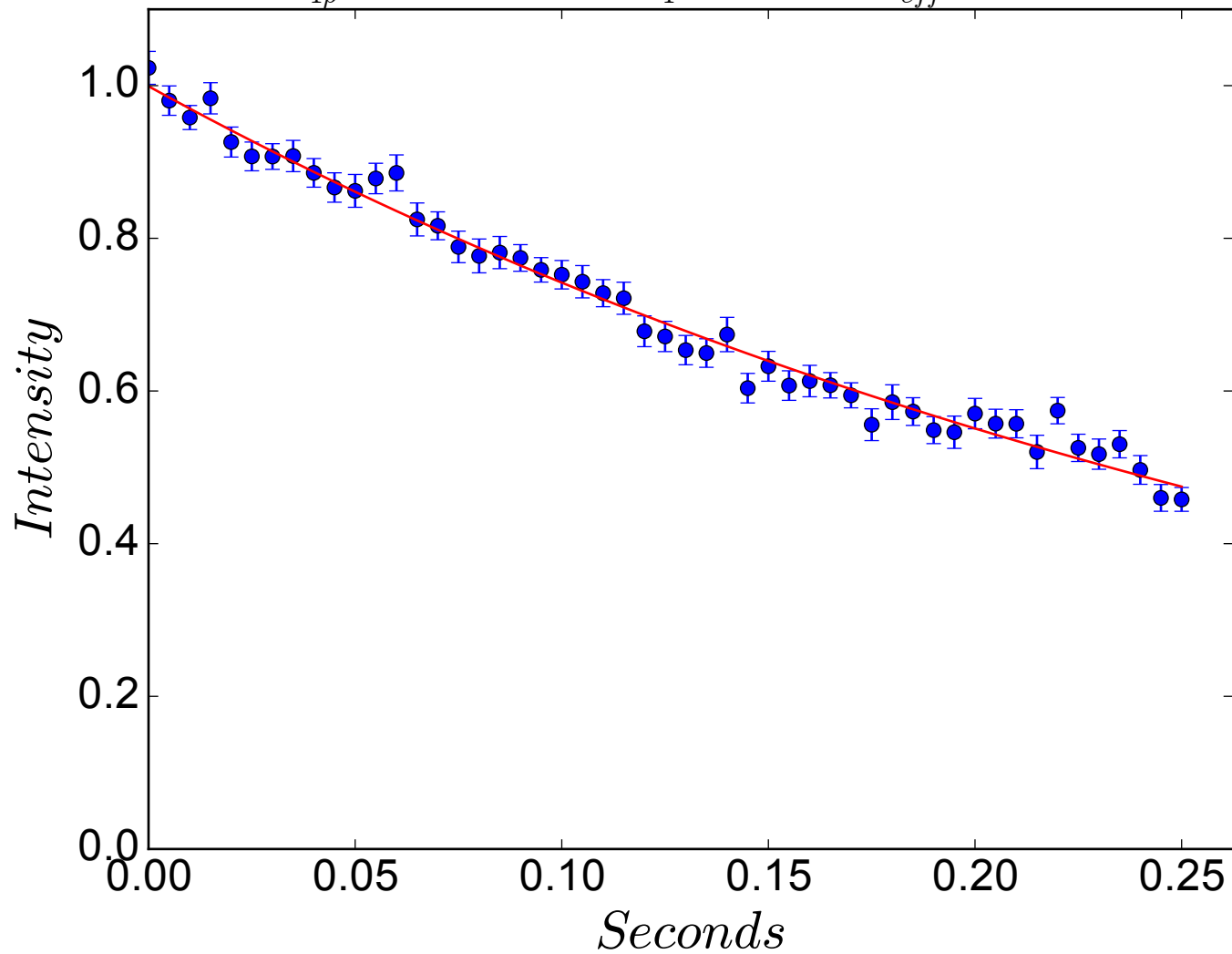
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 930 \text{ Hz}$$



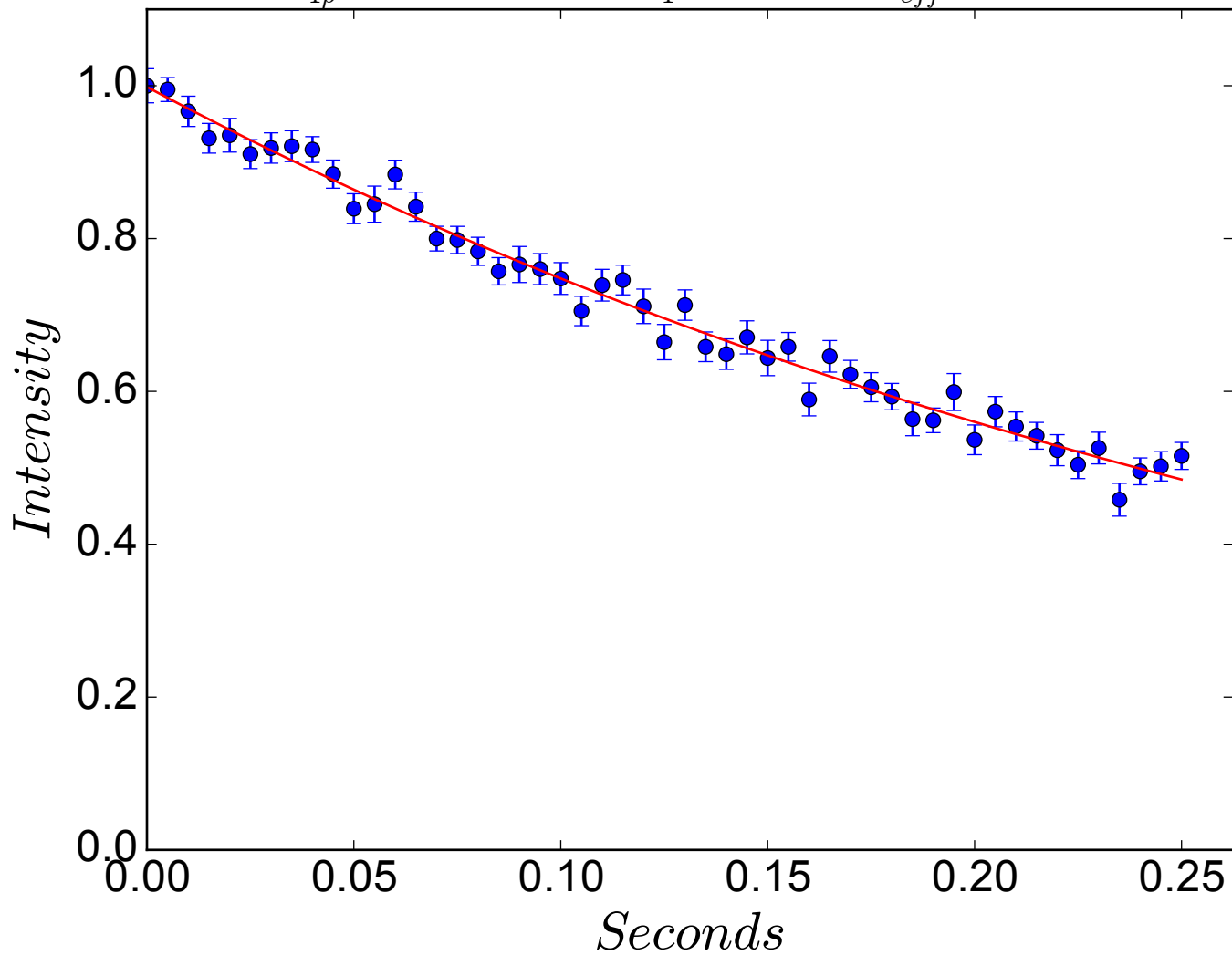
$$R_{1\rho} = 3.0 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 940 \text{ Hz}$$



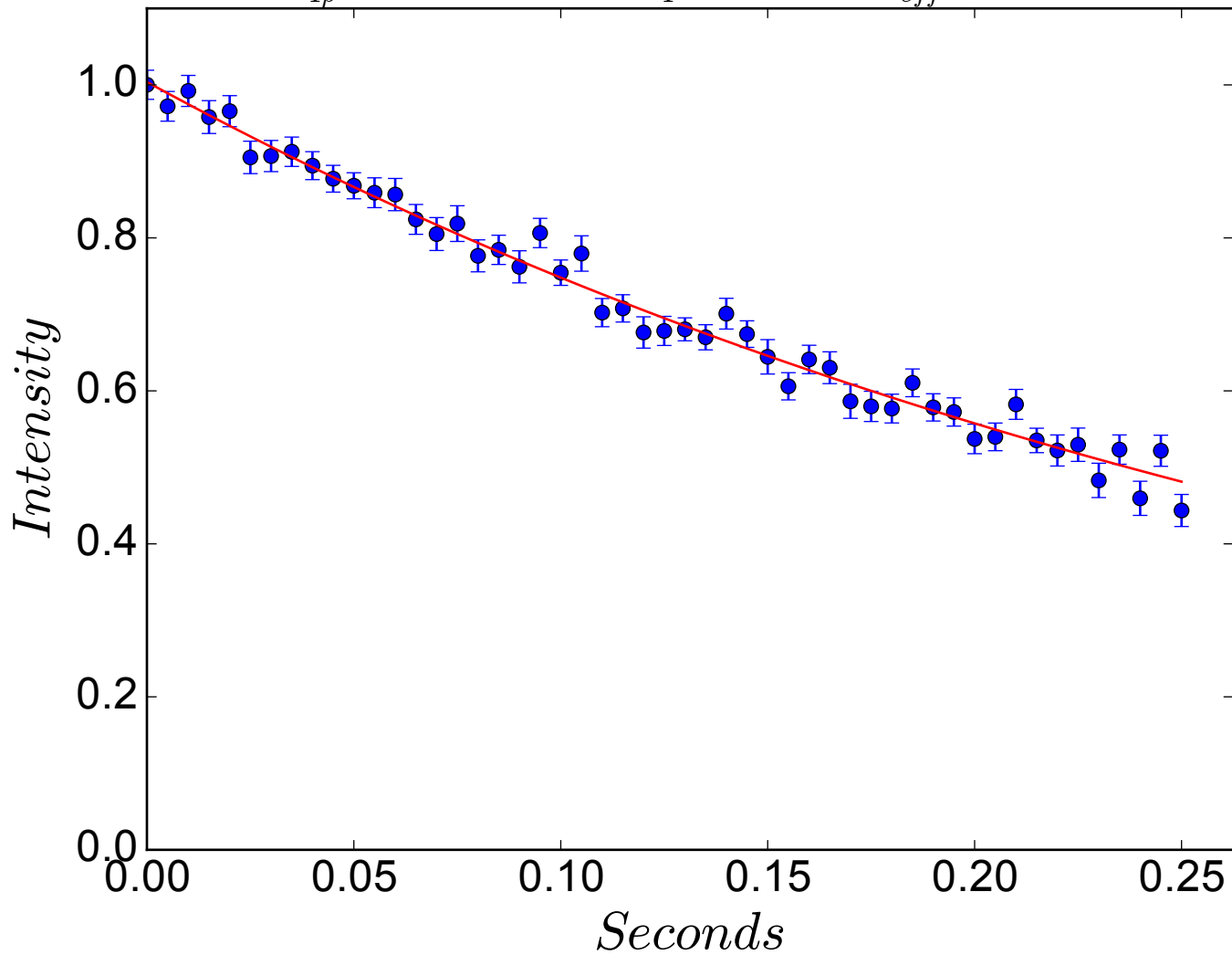
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 950 \text{ Hz}$$



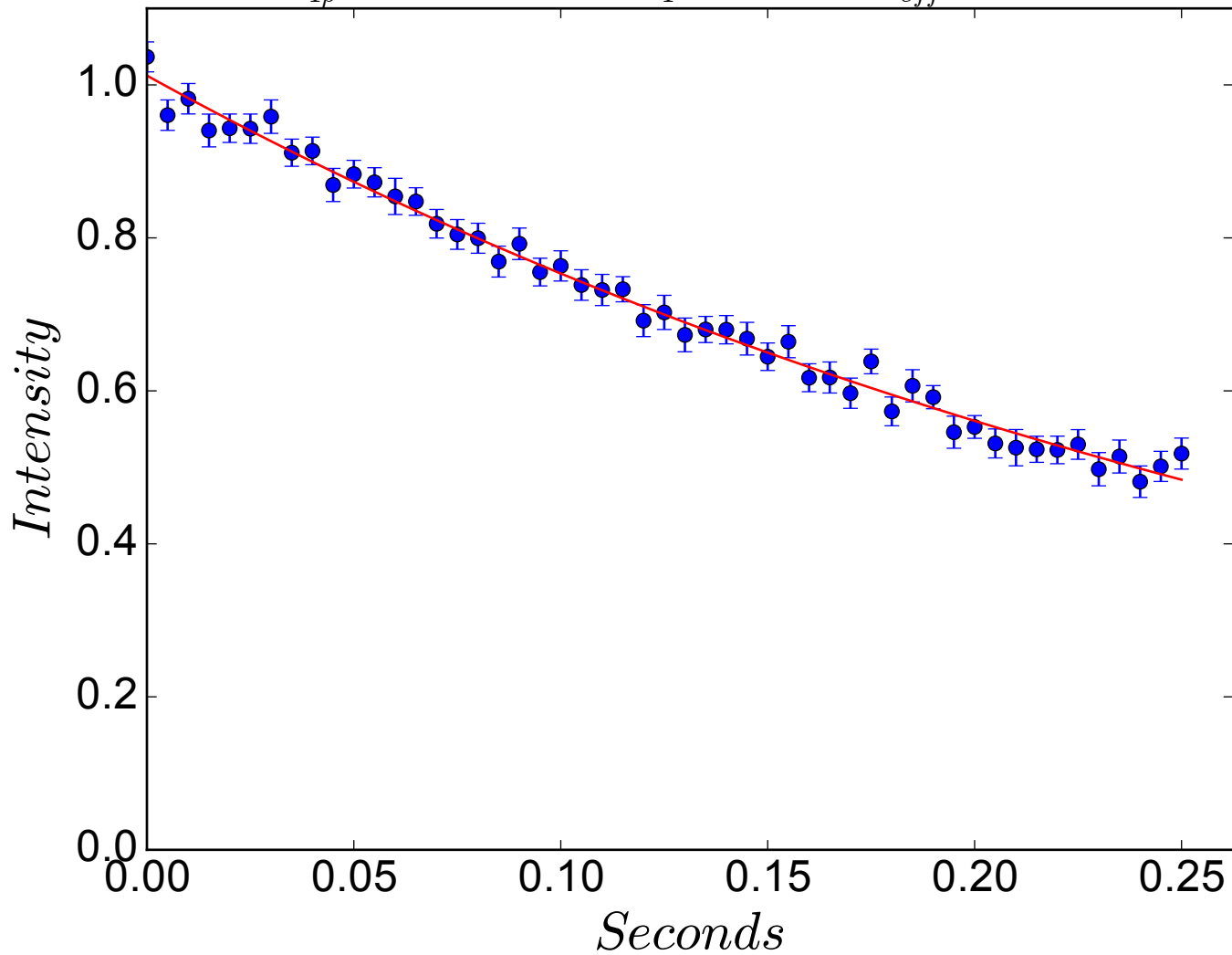
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 960 \text{ Hz}$$



$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 970 \text{ Hz}$$

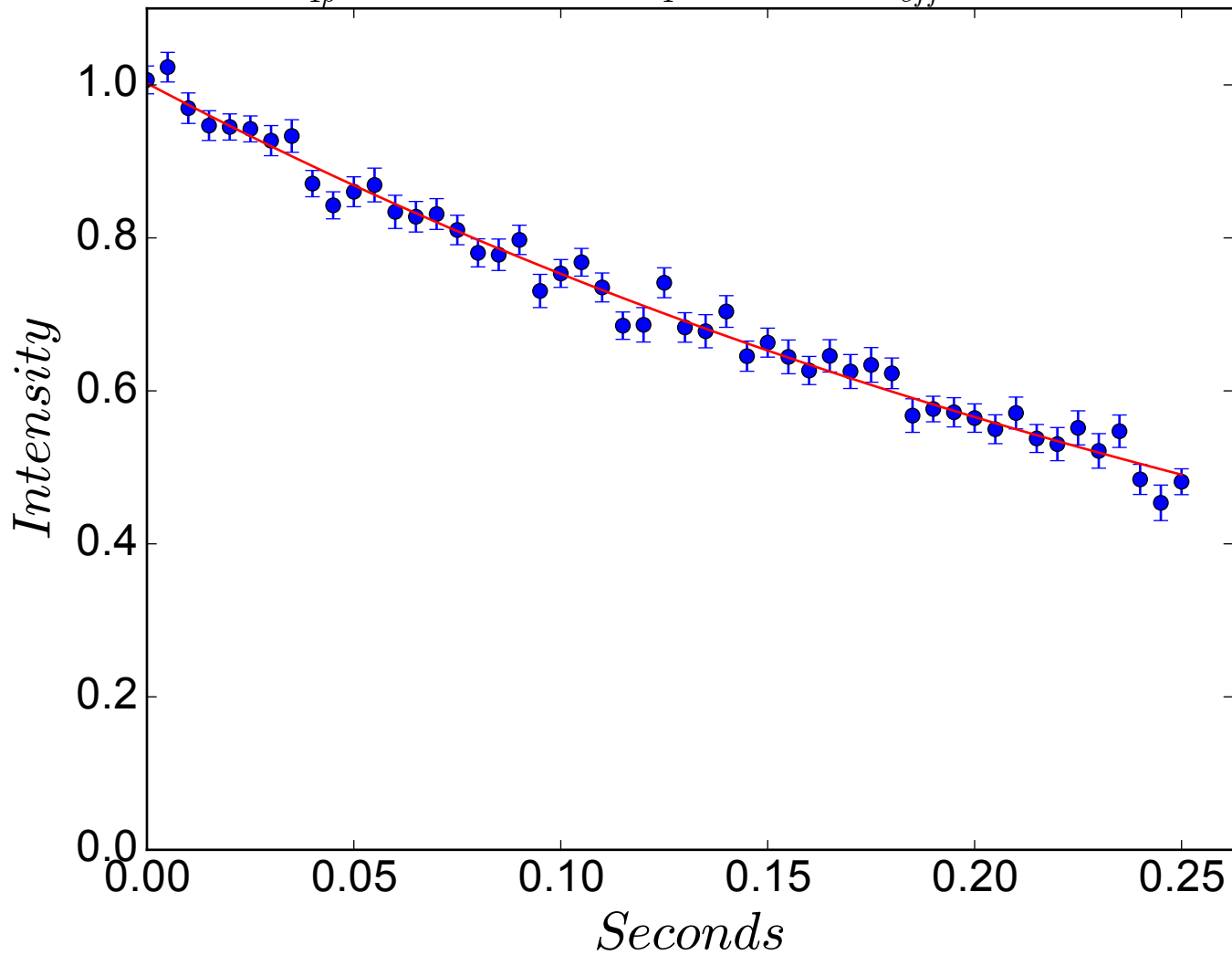


$$R_{1\rho} = 3.0 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 980 \text{ Hz}$$

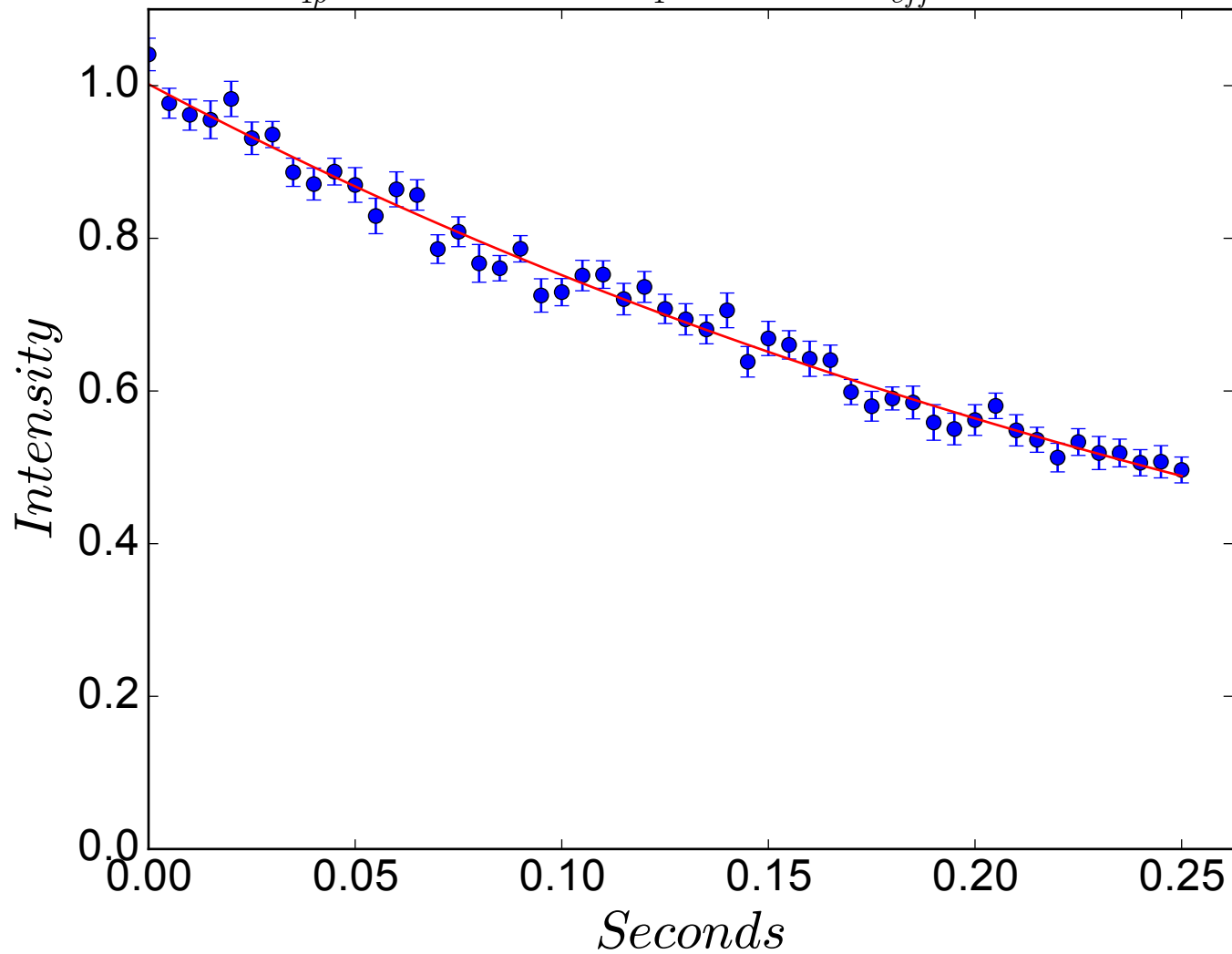




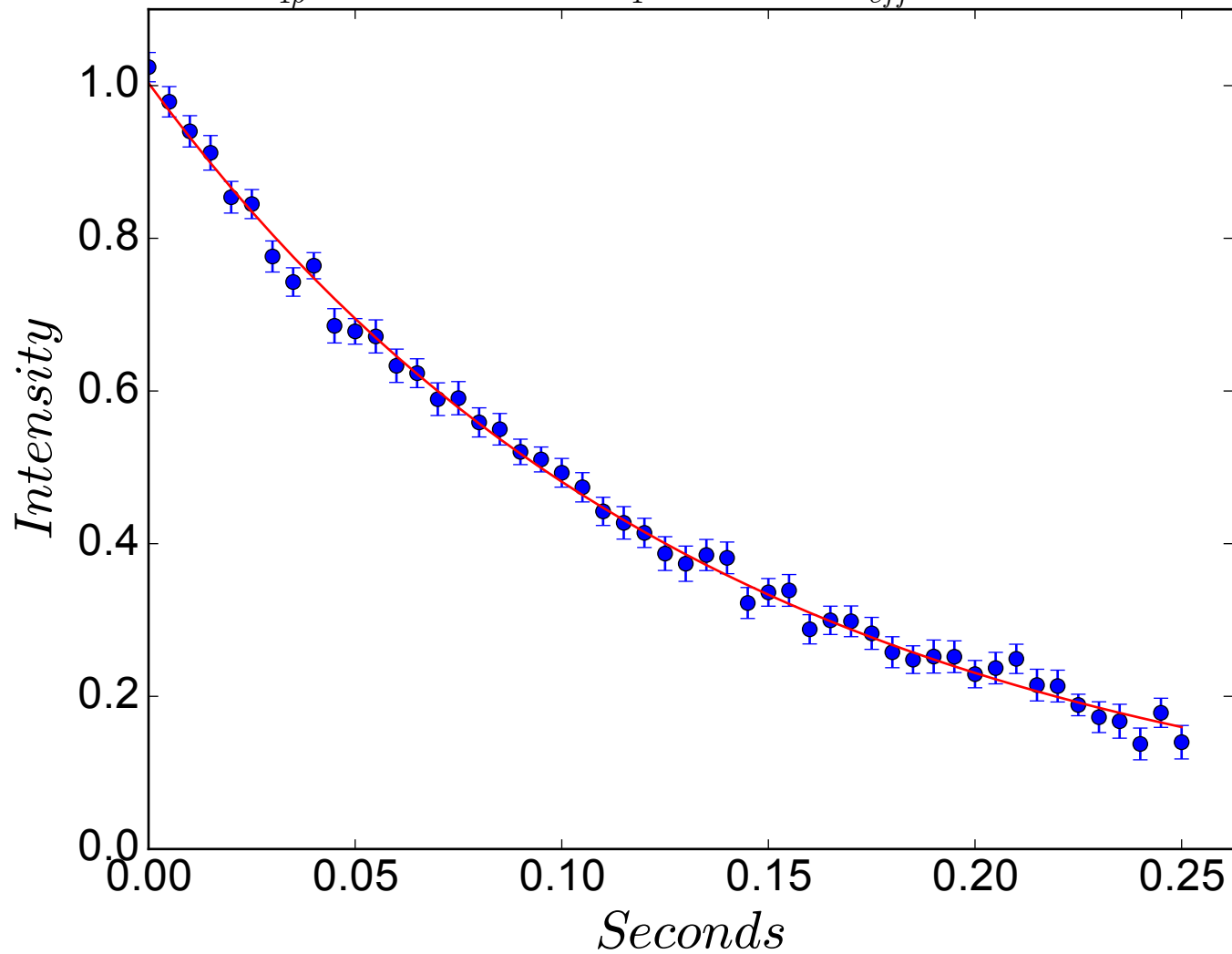
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 990 \text{ Hz}$$



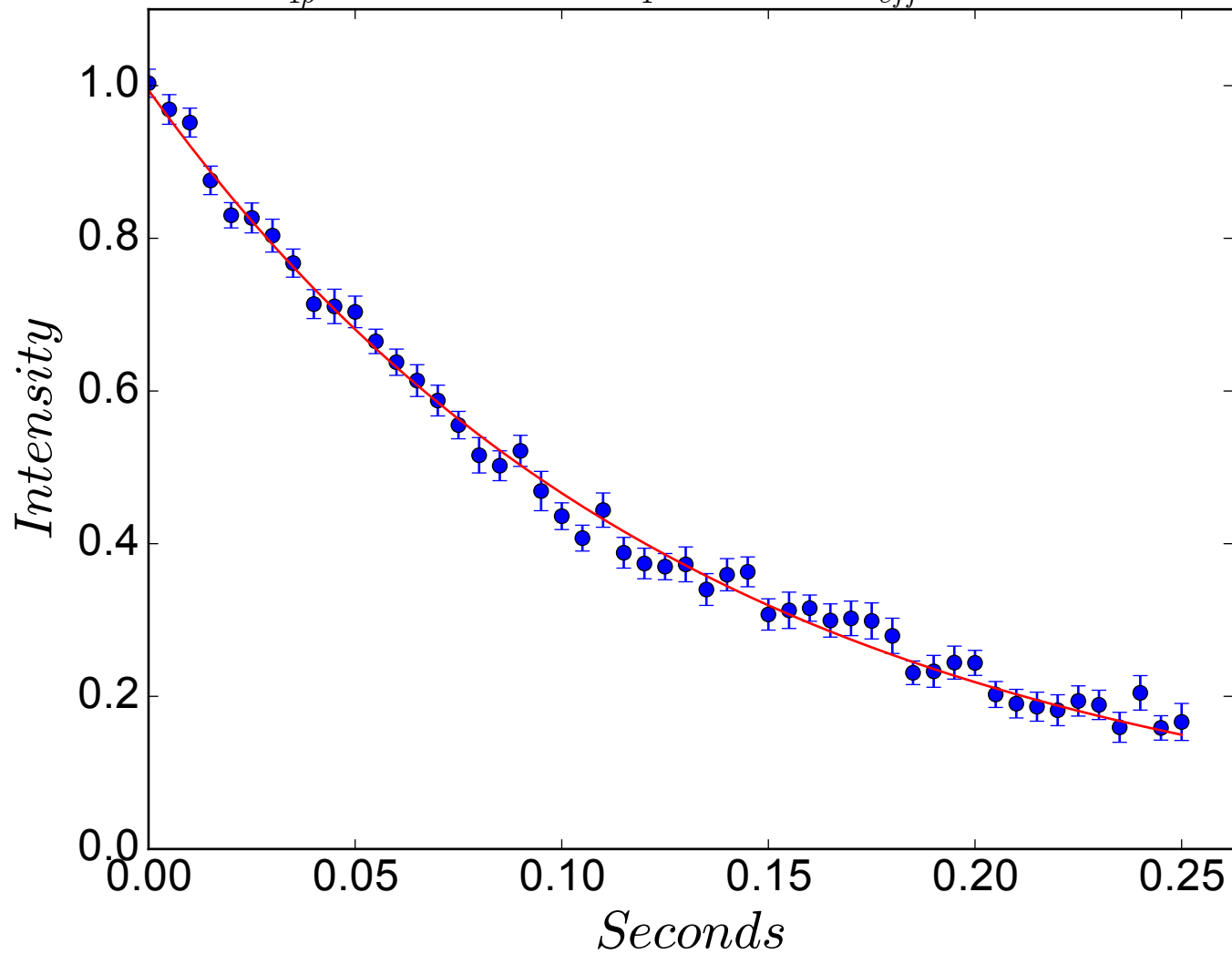
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{eff} = 1000 \text{ Hz}$$



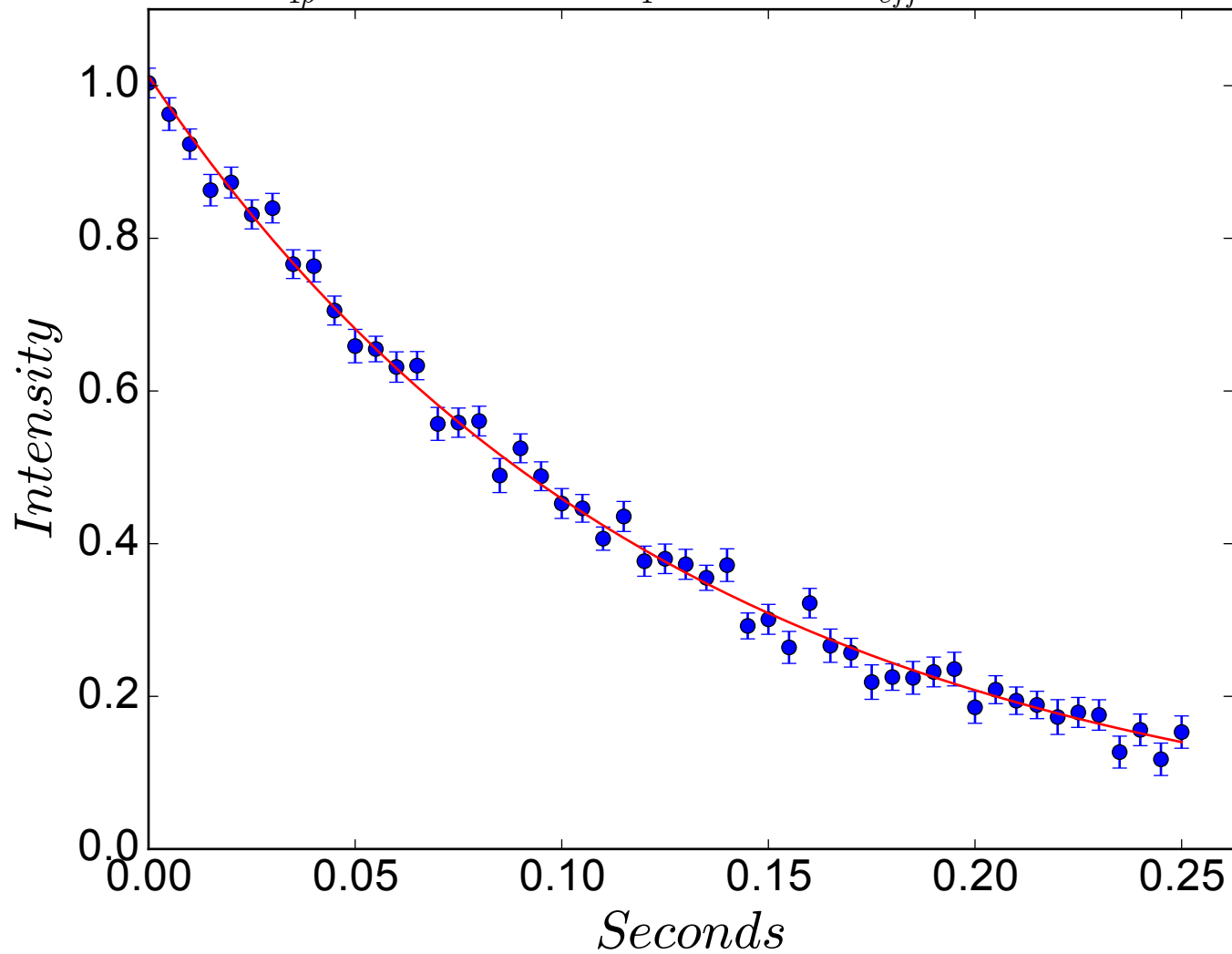
$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -1000 \text{ Hz}$$



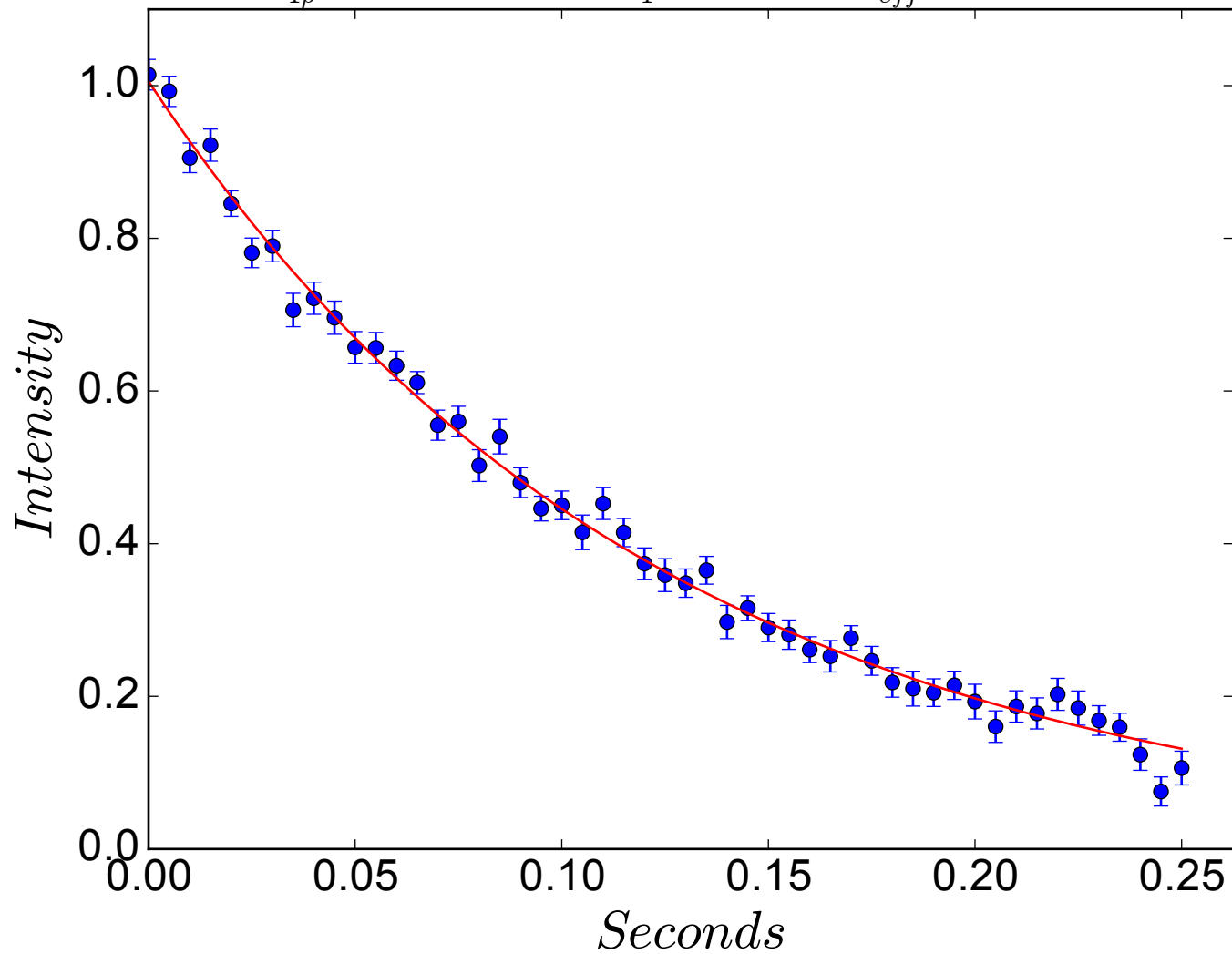
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -990 \text{ Hz}$$



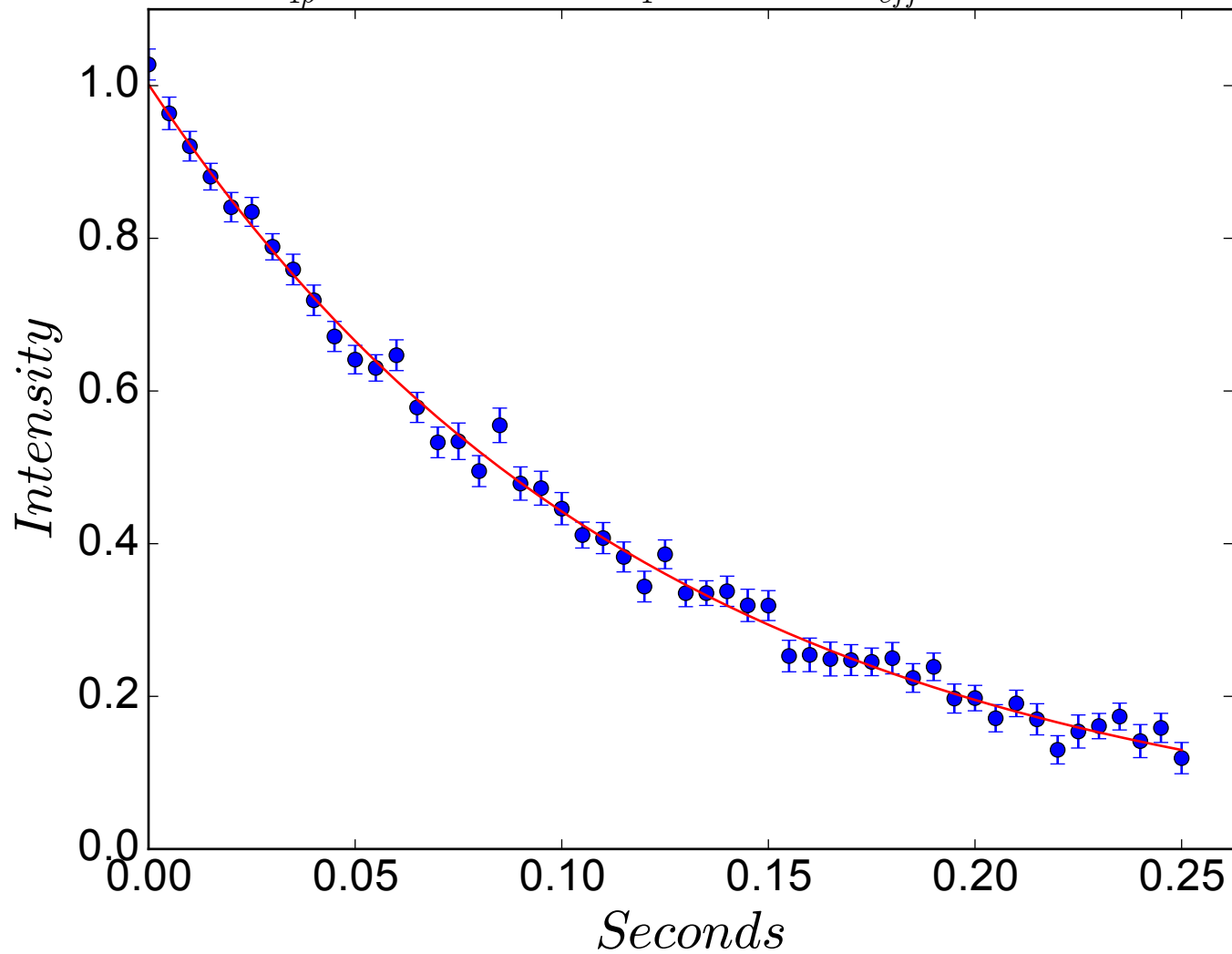
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -980 \text{ Hz}$$



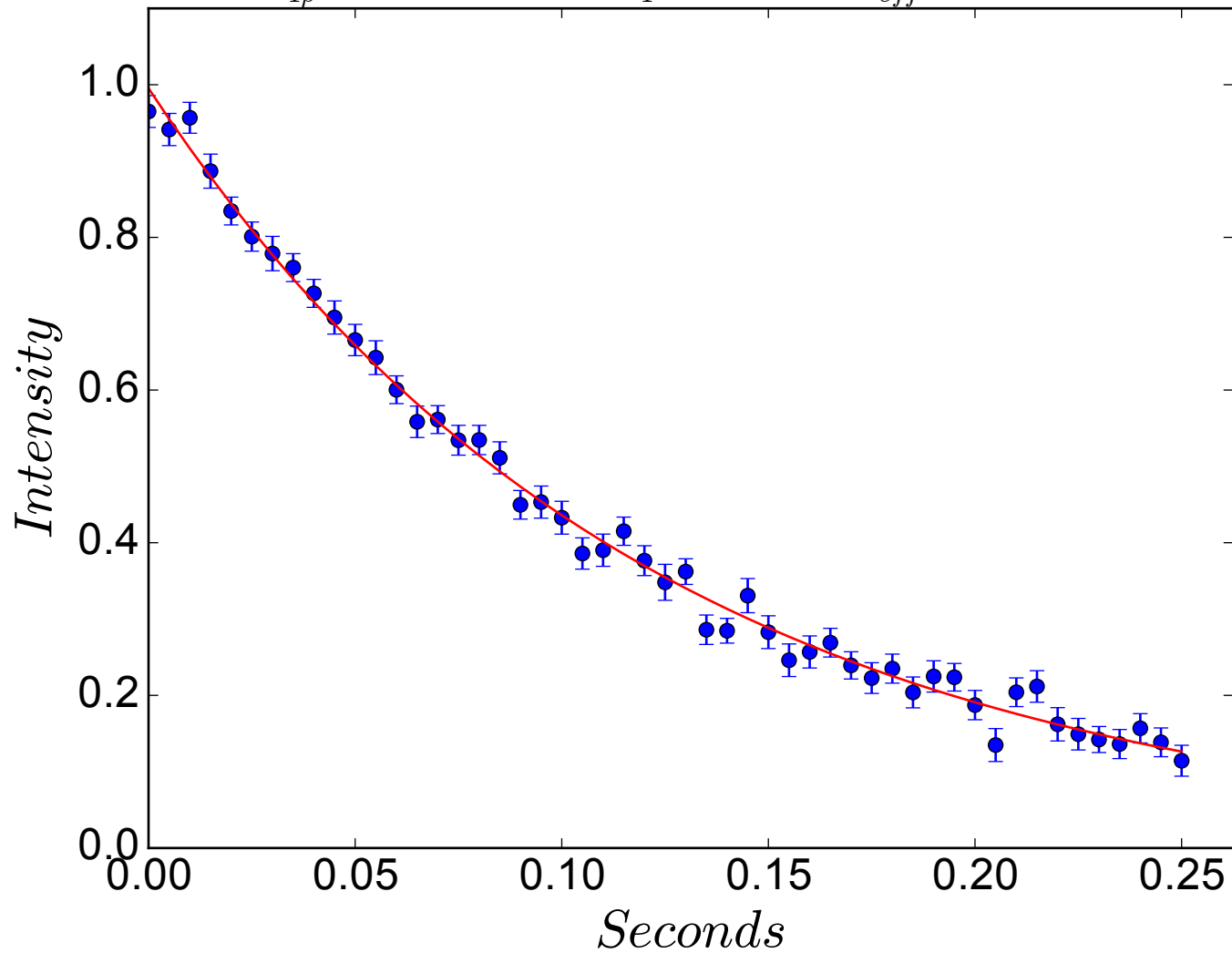
$$R_{1\rho} = 8.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -970 \text{ Hz}$$



$$R_{1\rho} = 8.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -960 \text{ Hz}$$

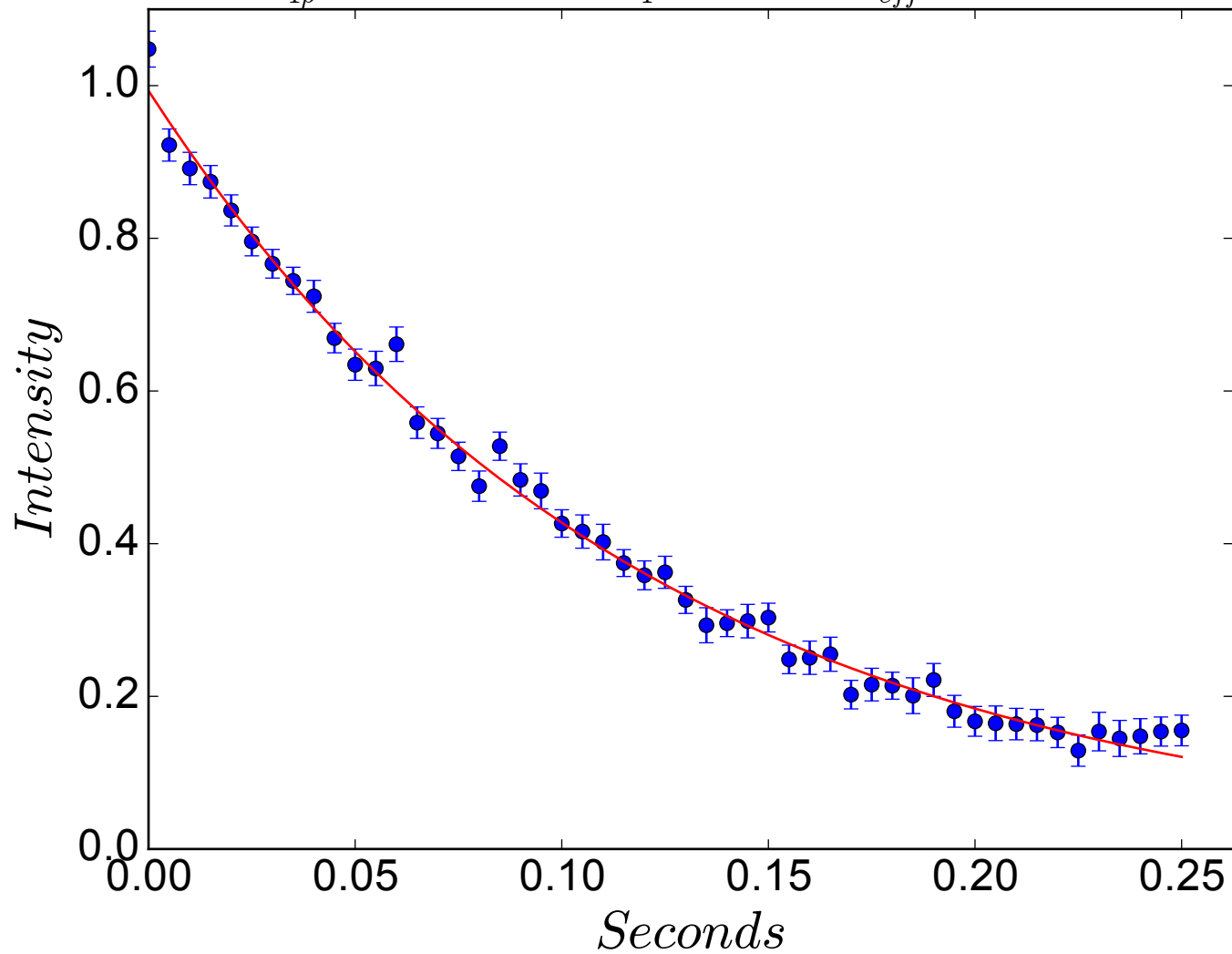


$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -950 \text{ Hz}$$

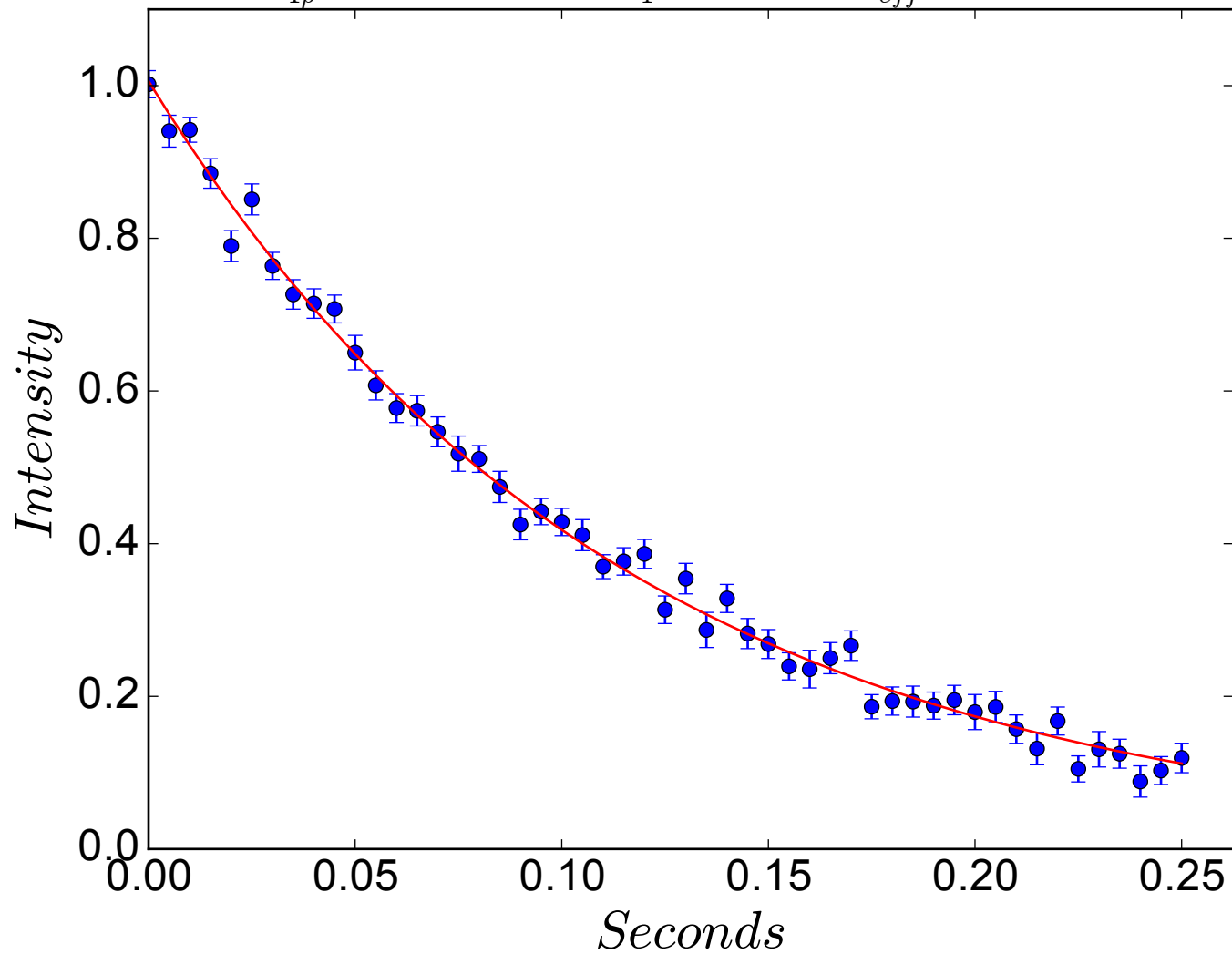




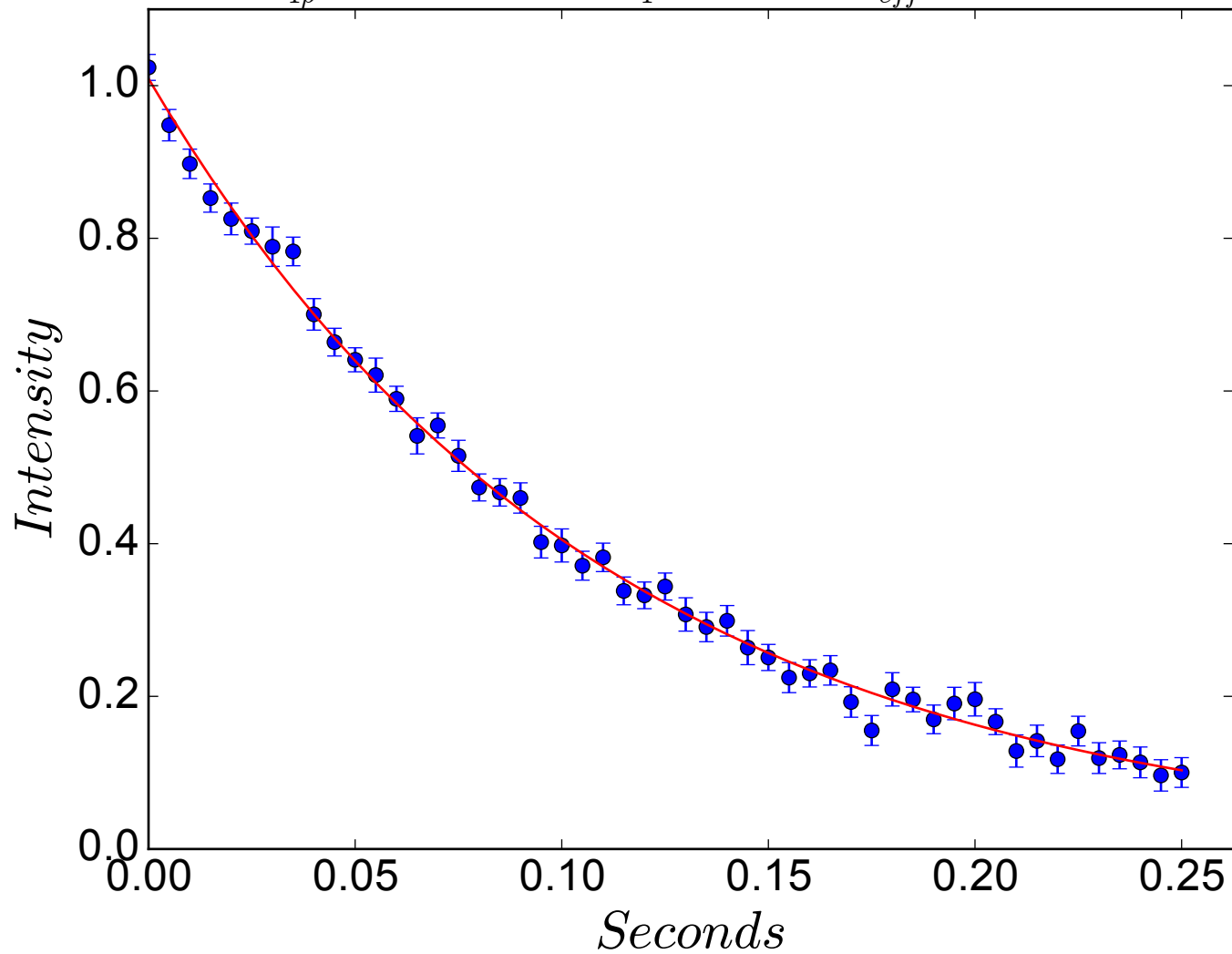
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -940 \text{ Hz}$$



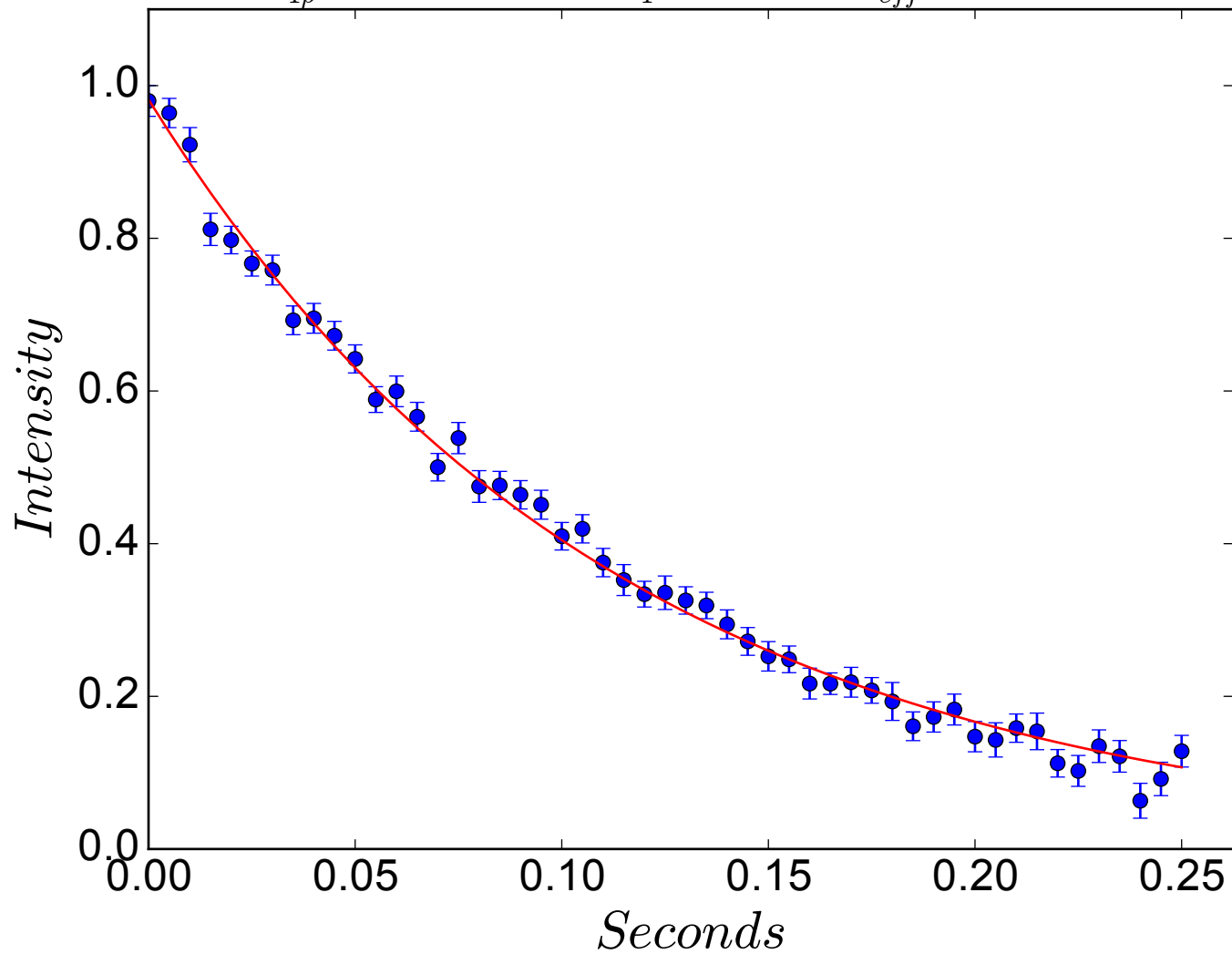
$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -930 \text{ Hz}$$



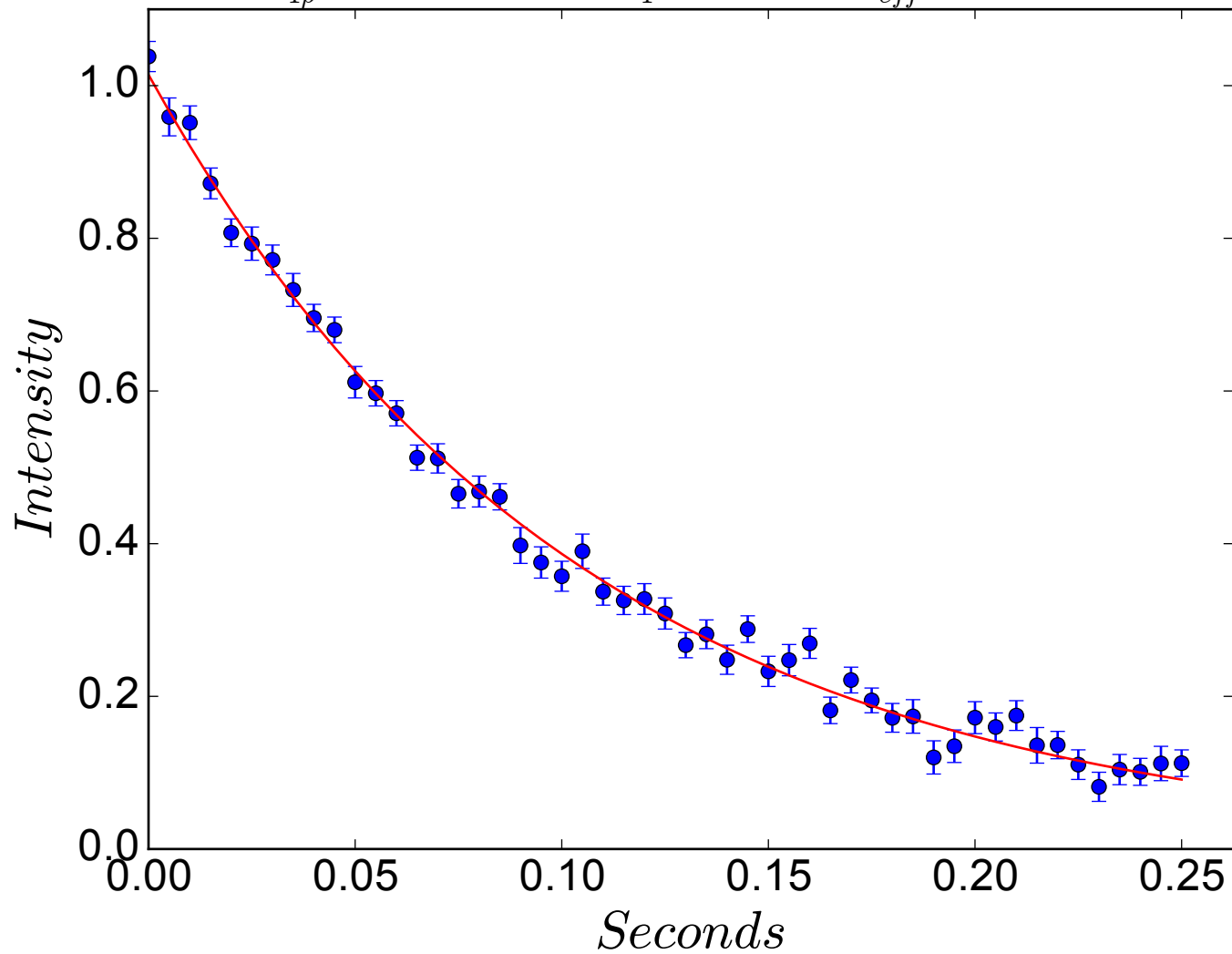
$$R_{1\rho} = 9.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -920 \text{ Hz}$$



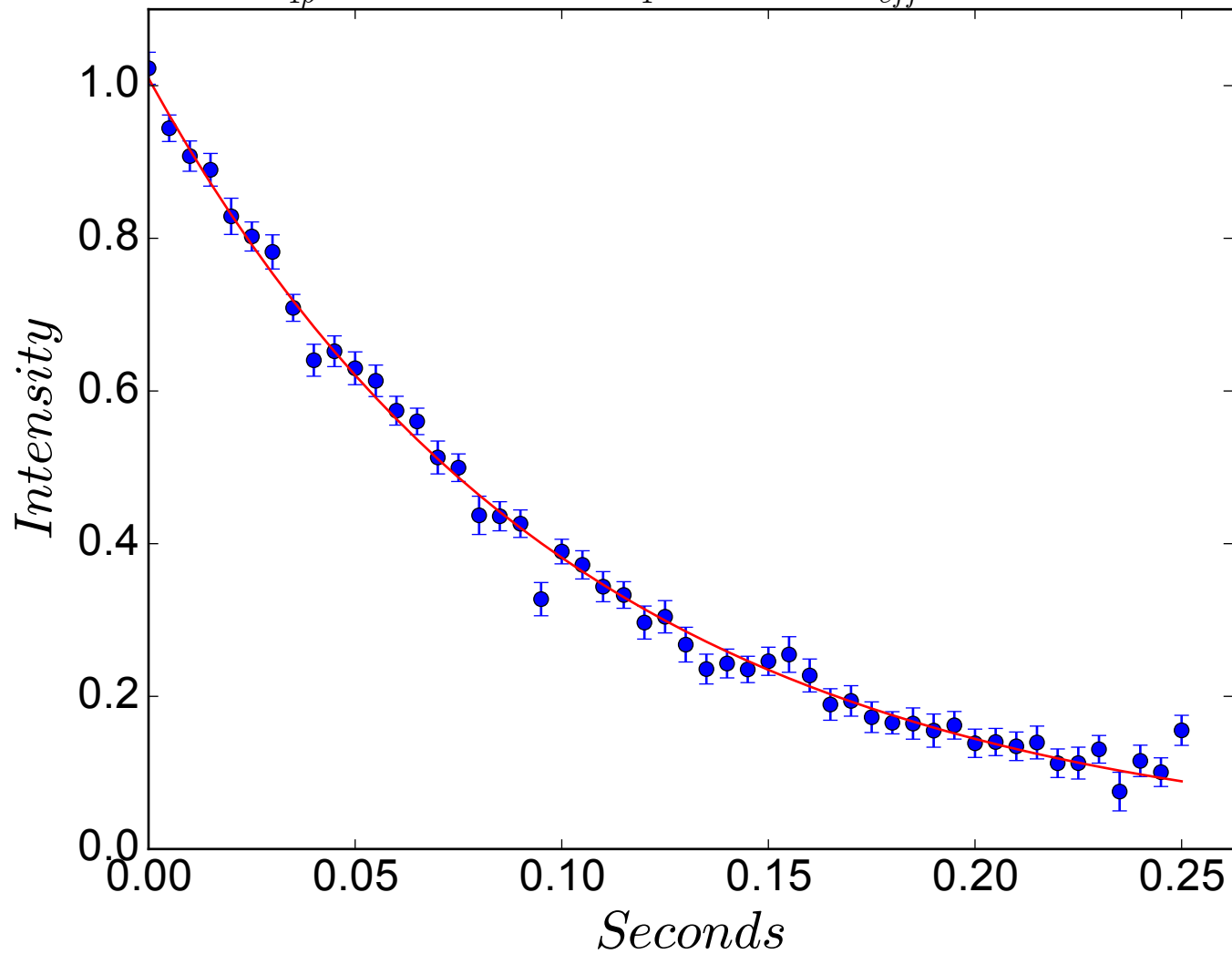
$$R_{1\rho} = 8.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -910 \text{ Hz}$$



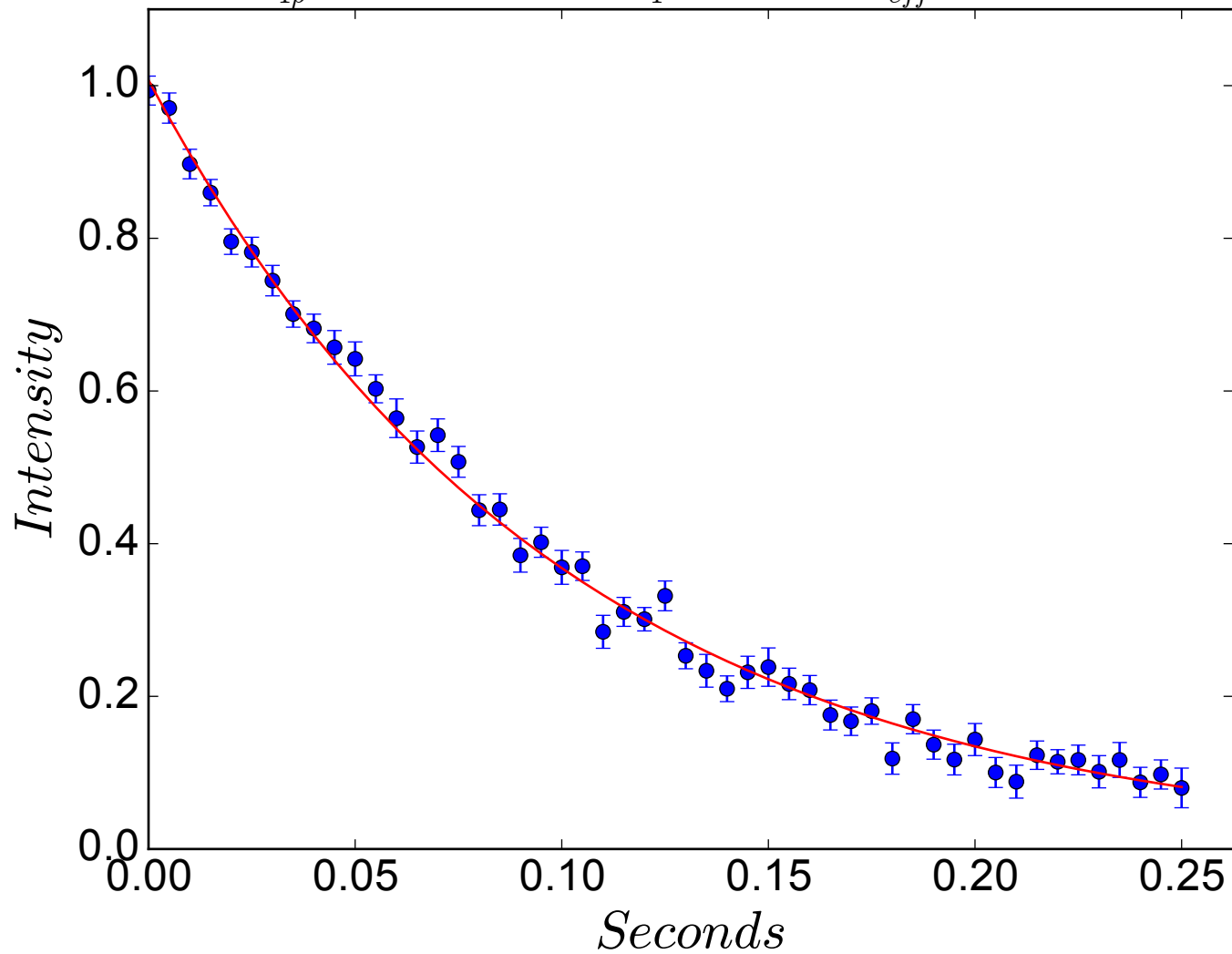
$$R_{1\rho} = 9.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -899 \text{ Hz}$$



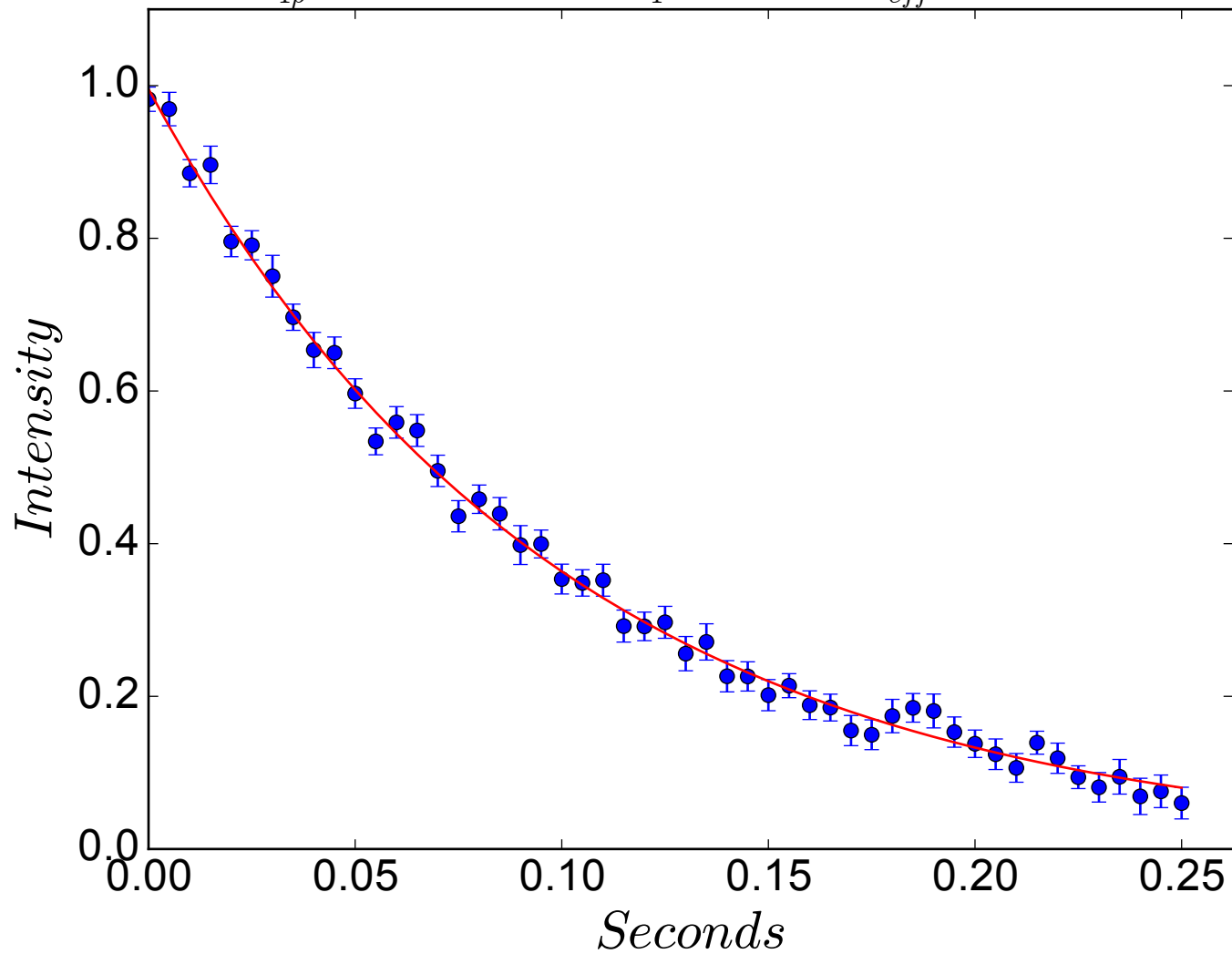
$$R_{1\rho} = 9.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -889 \text{ Hz}$$



$$R_{1\rho} = 10.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -879 \text{ Hz}$$

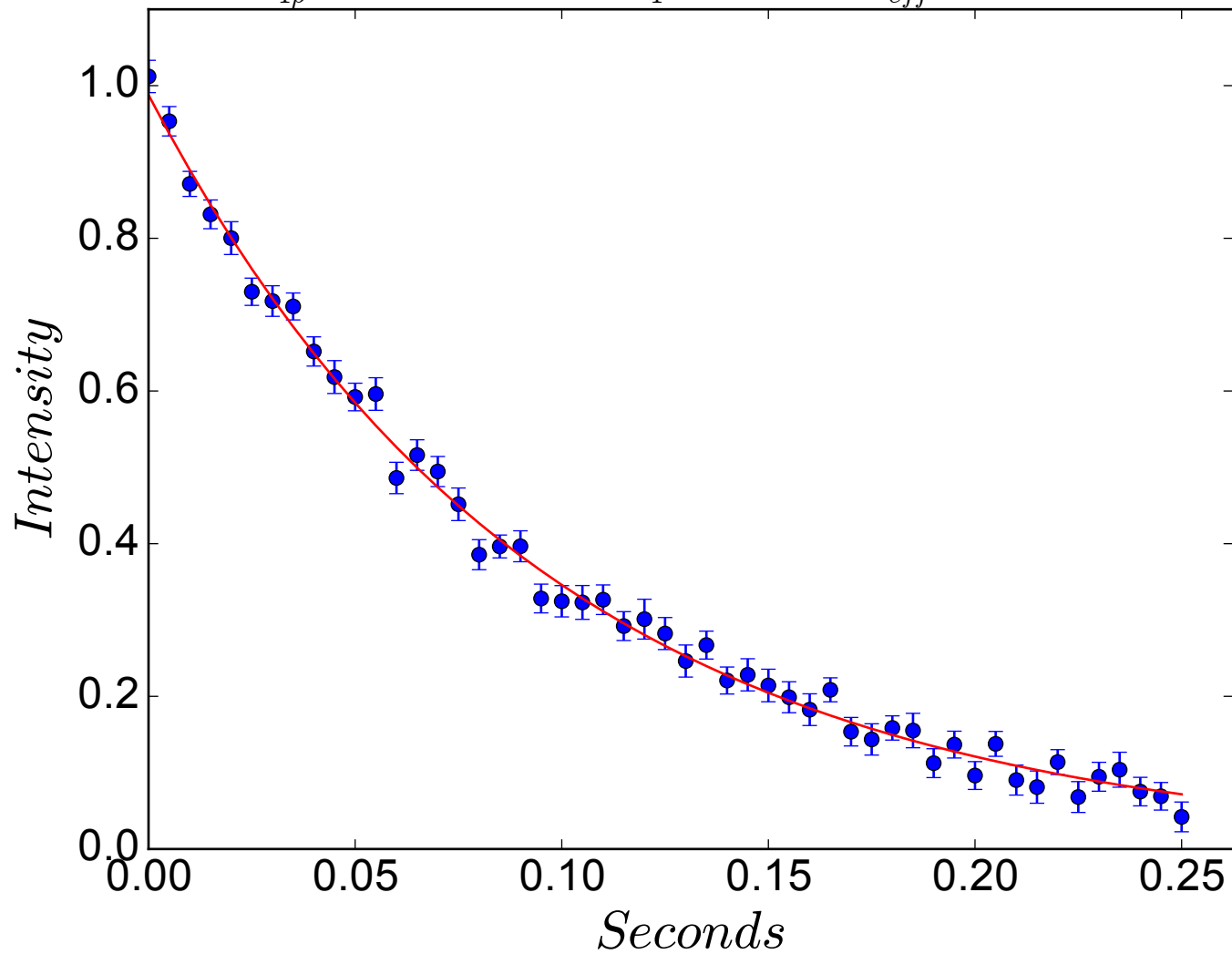


$$R_{1\rho} = 10.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -869 \text{ Hz}$$

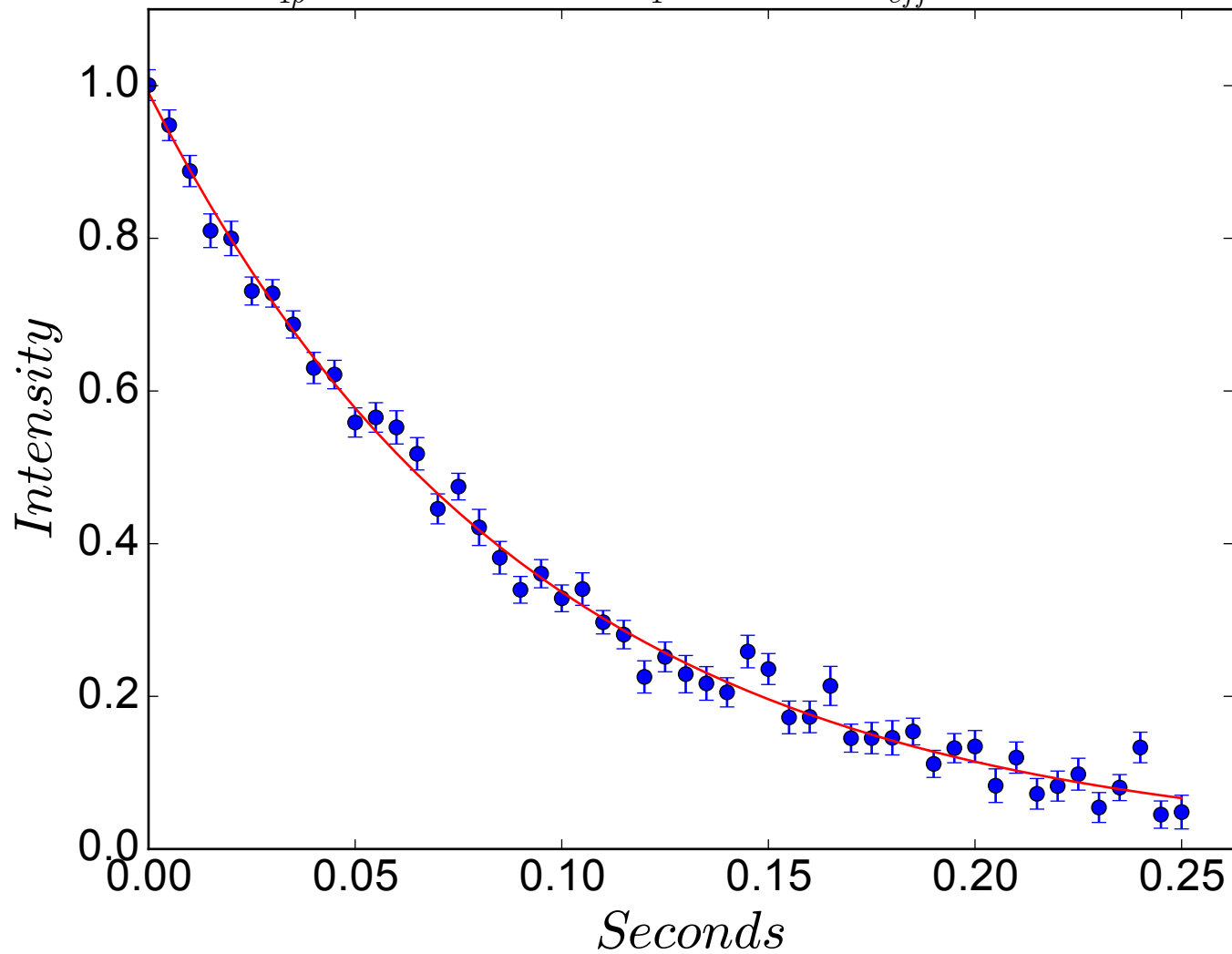




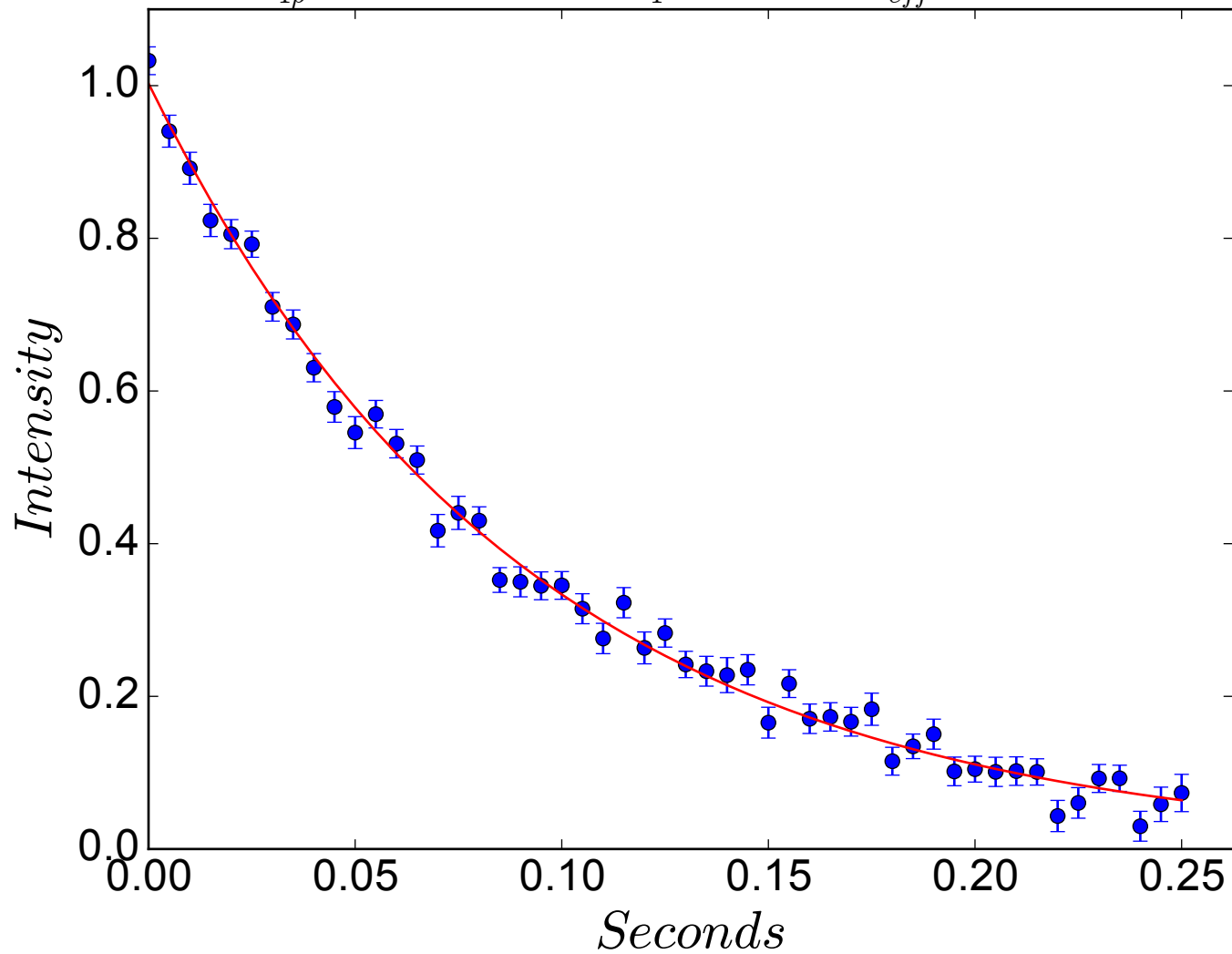
$$R_{1\rho} = 10.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -859 \text{ Hz}$$



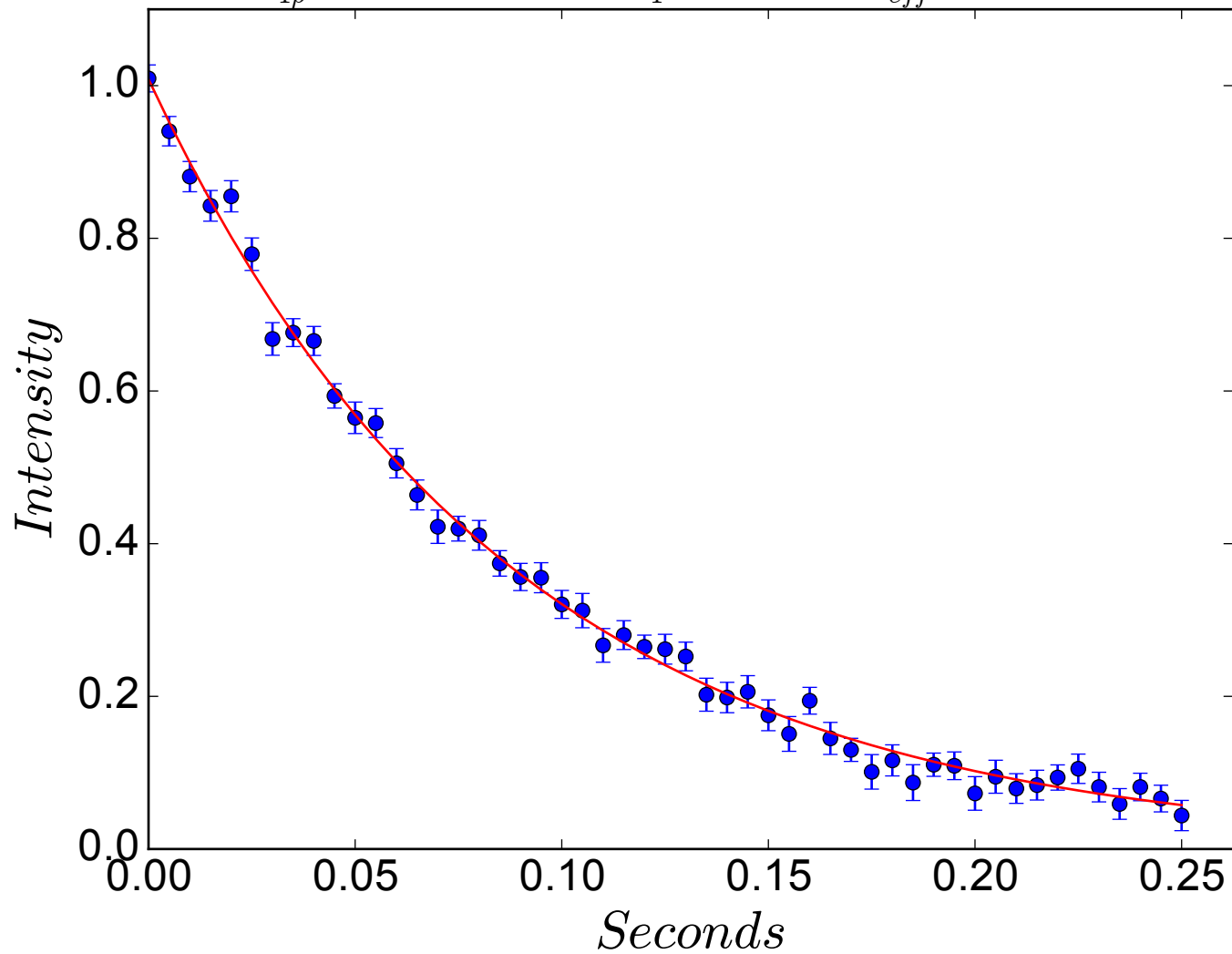
$$R_{1\rho} = 10.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -849 \text{ Hz}$$



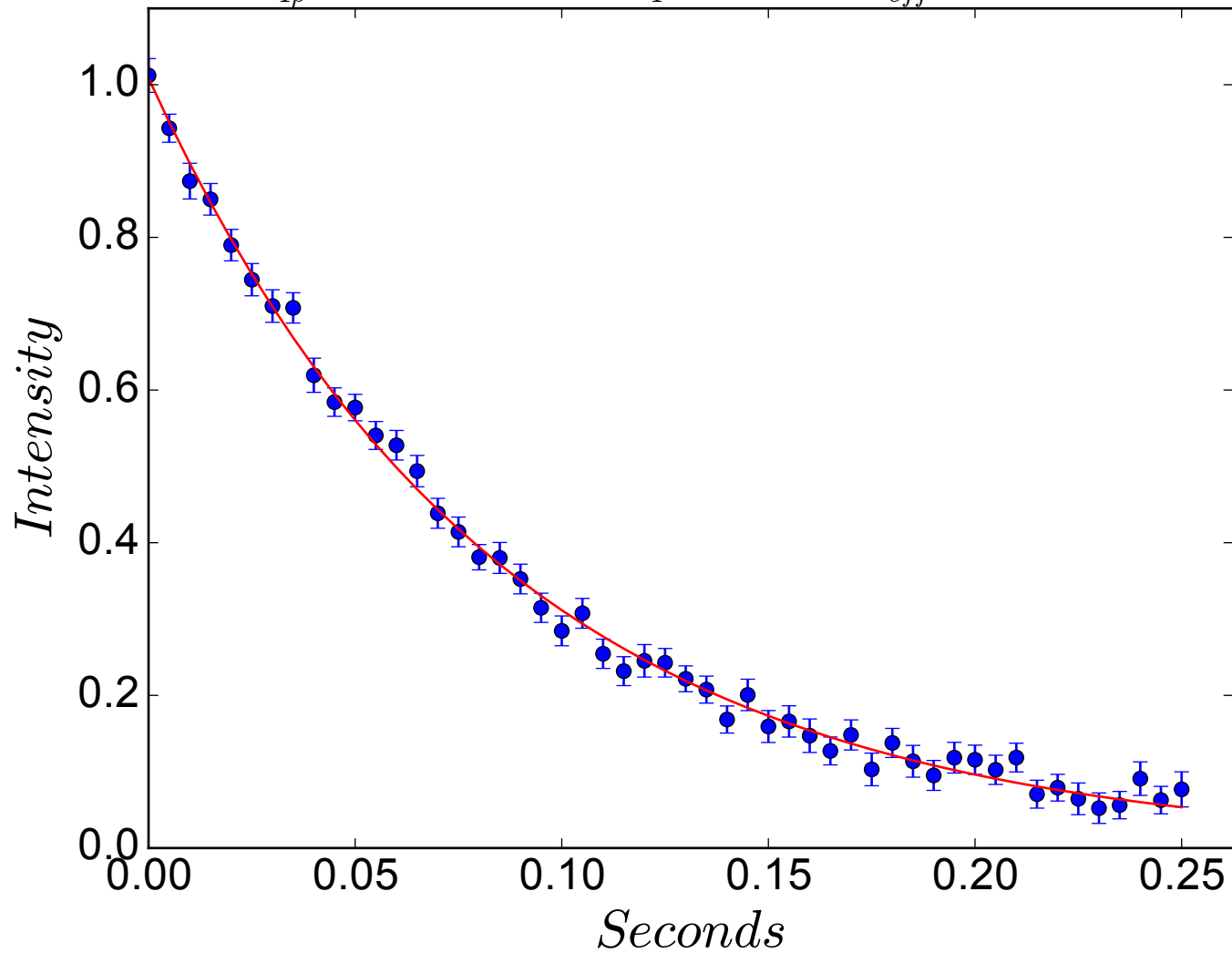
$$R_{1\rho} = 11.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -839 \text{ Hz}$$



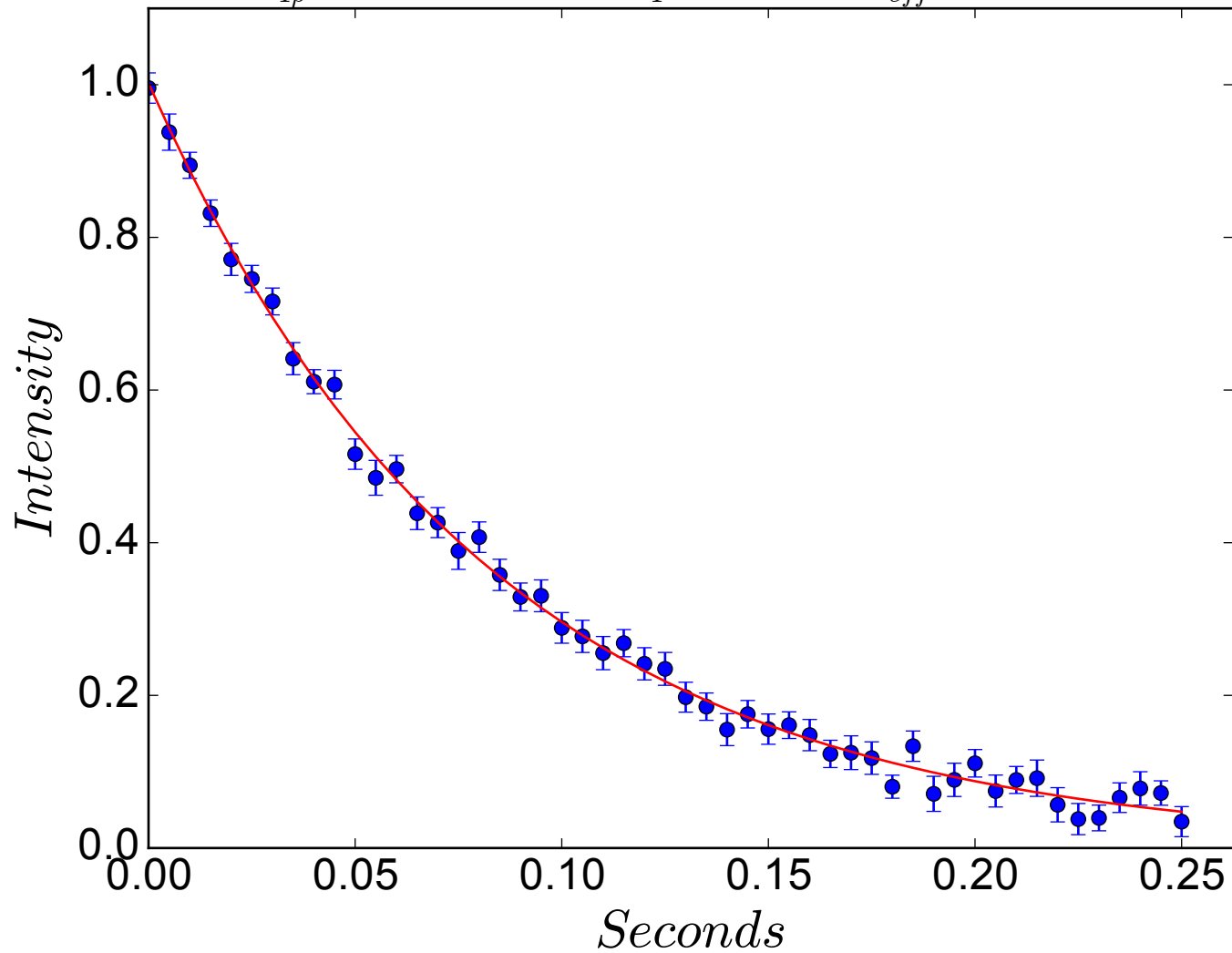
$$R_{1\rho} = 11.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -829 \text{ Hz}$$



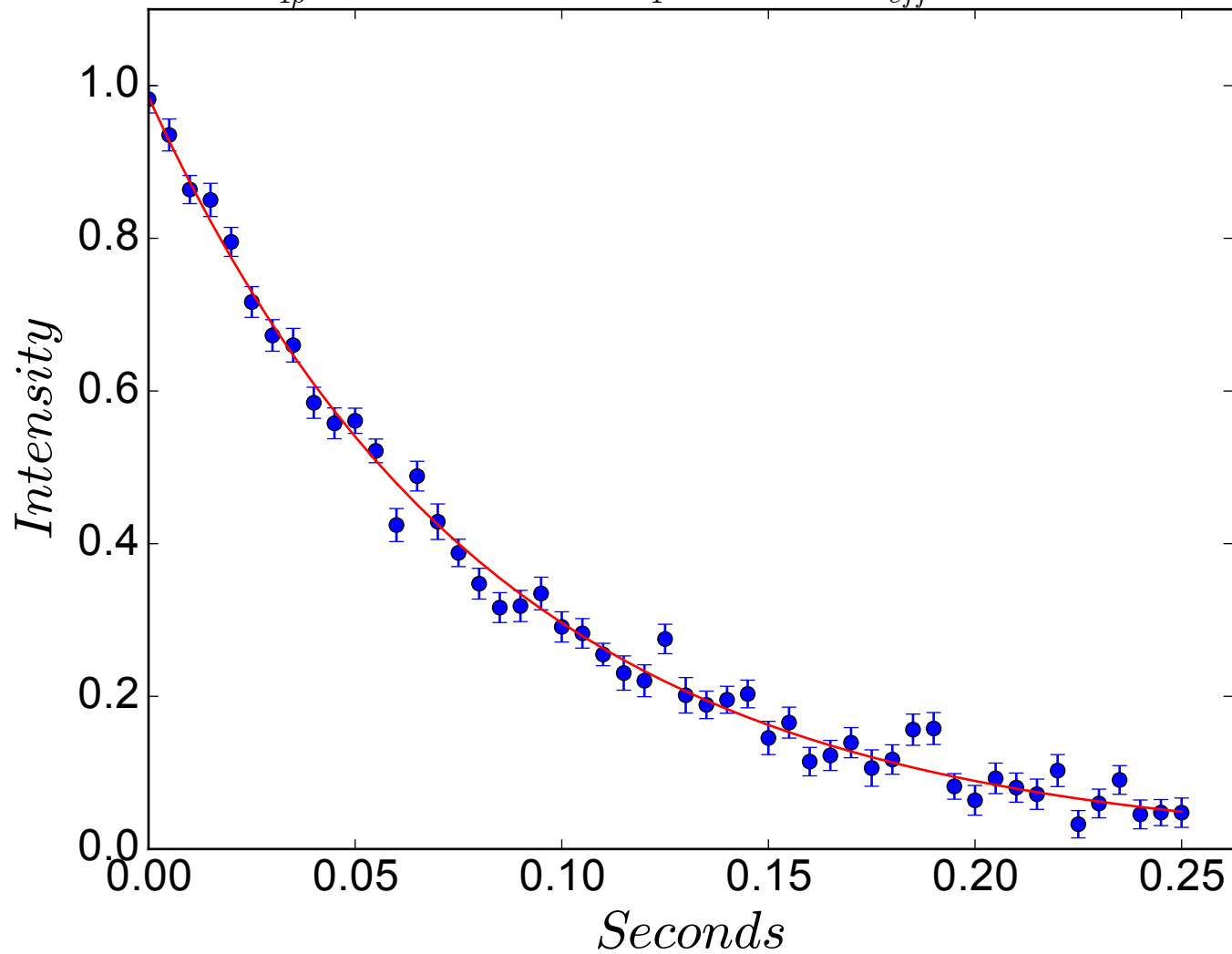
$$R_{1\rho} = 11.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -819 \text{ Hz}$$



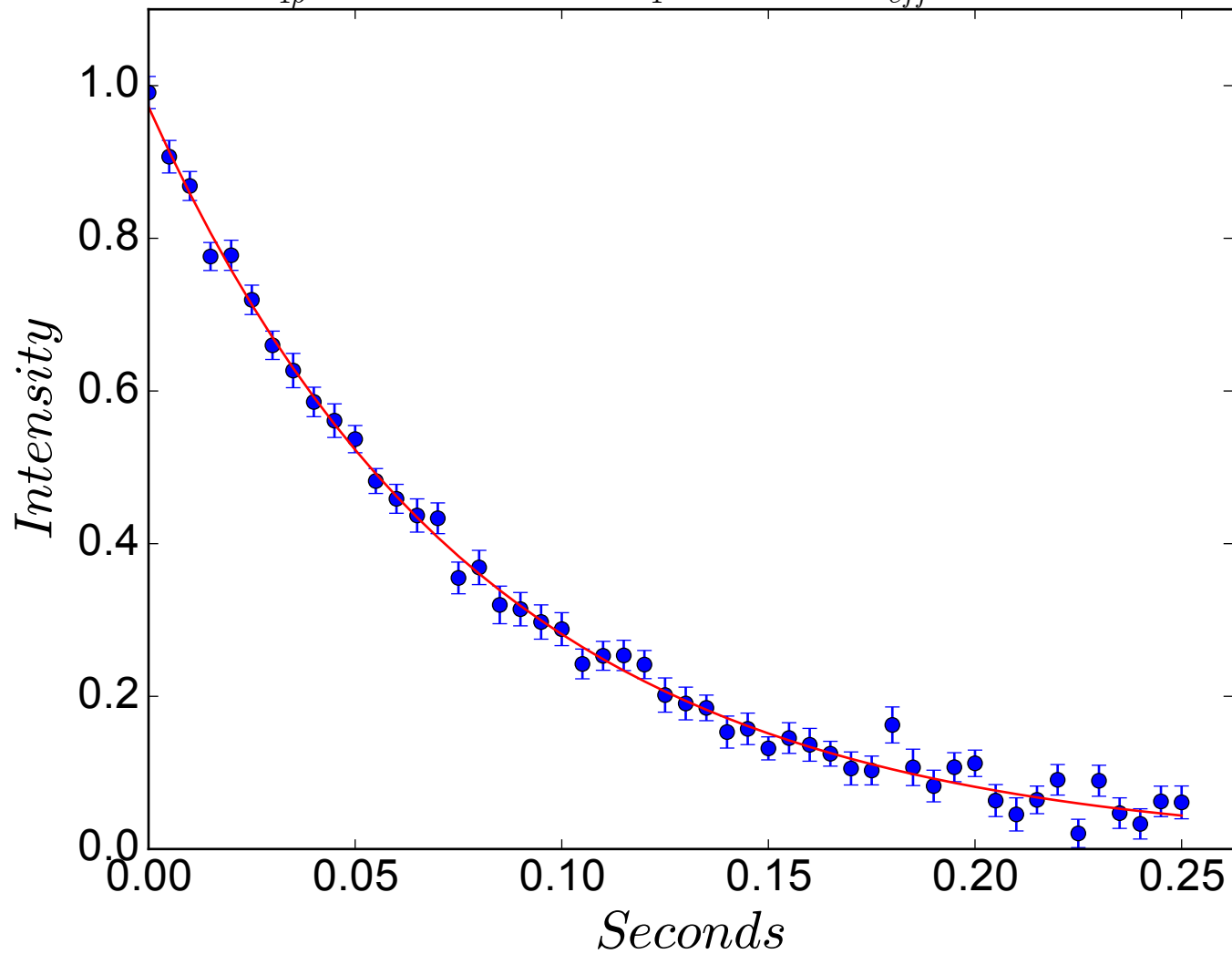
$$R_{1\rho} = 12.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -809 \text{ Hz}$$



$$R_{1\rho} = 12.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -799 \text{ Hz}$$

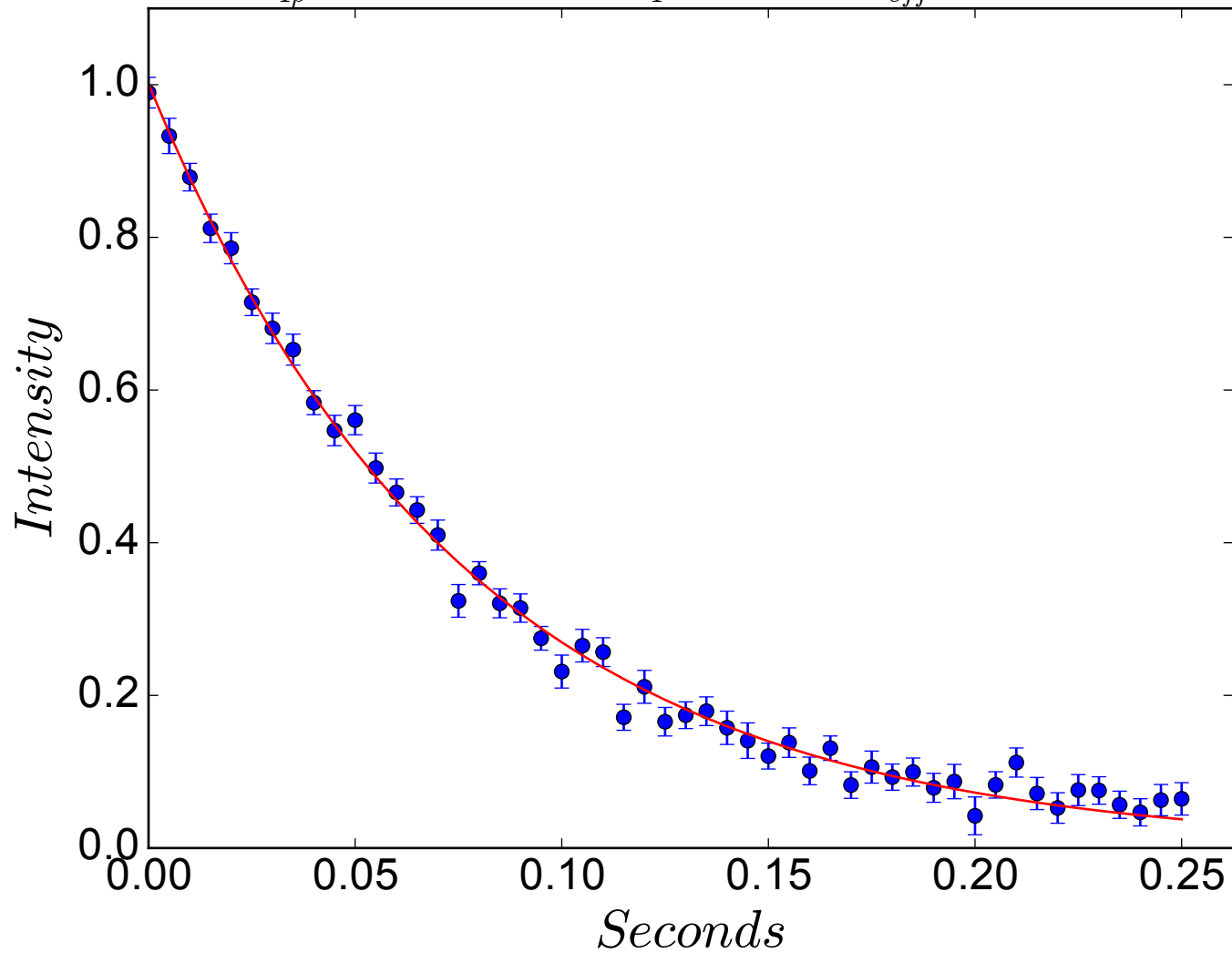


$$R_{1\rho} = 12.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -789 \text{ Hz}$$

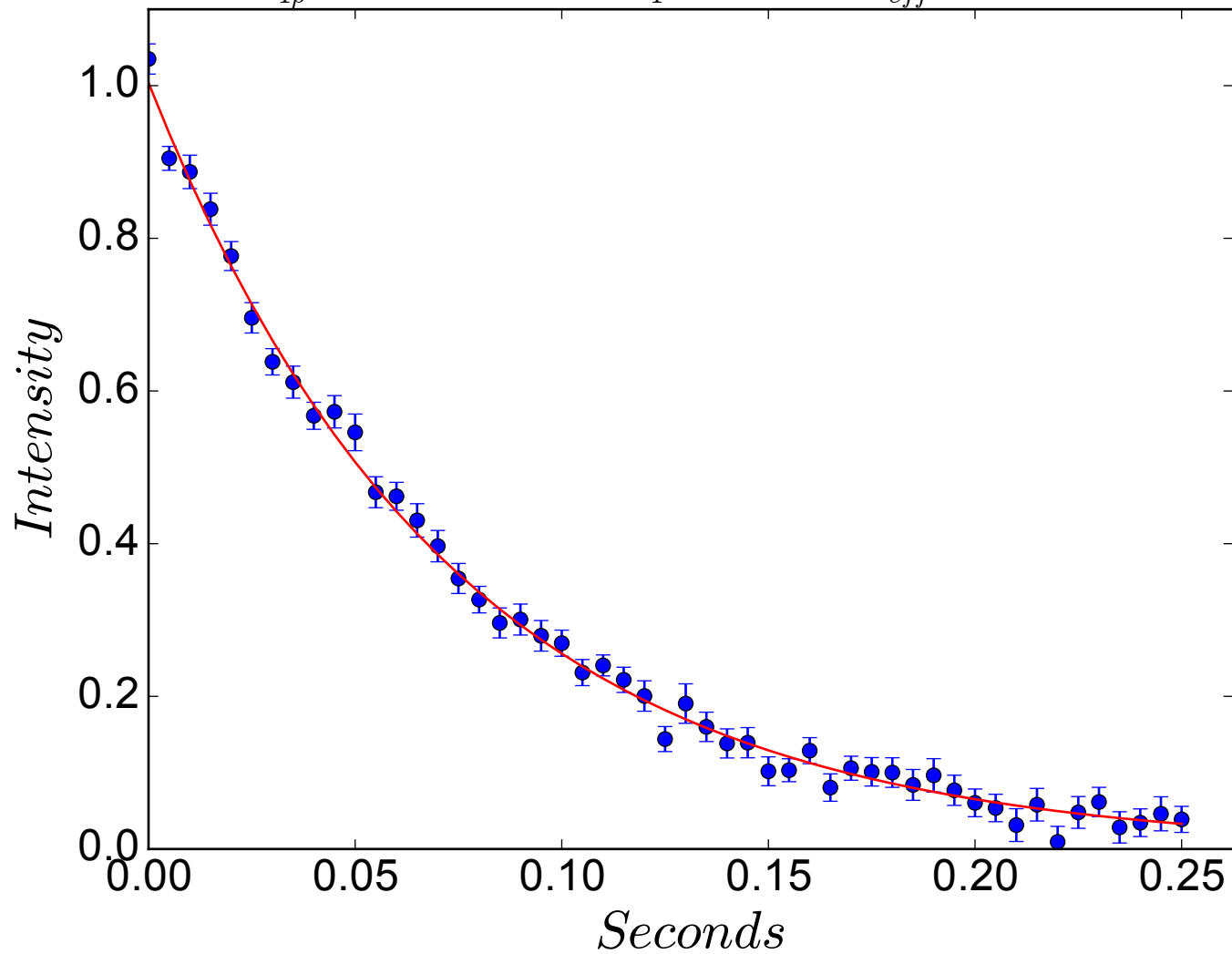




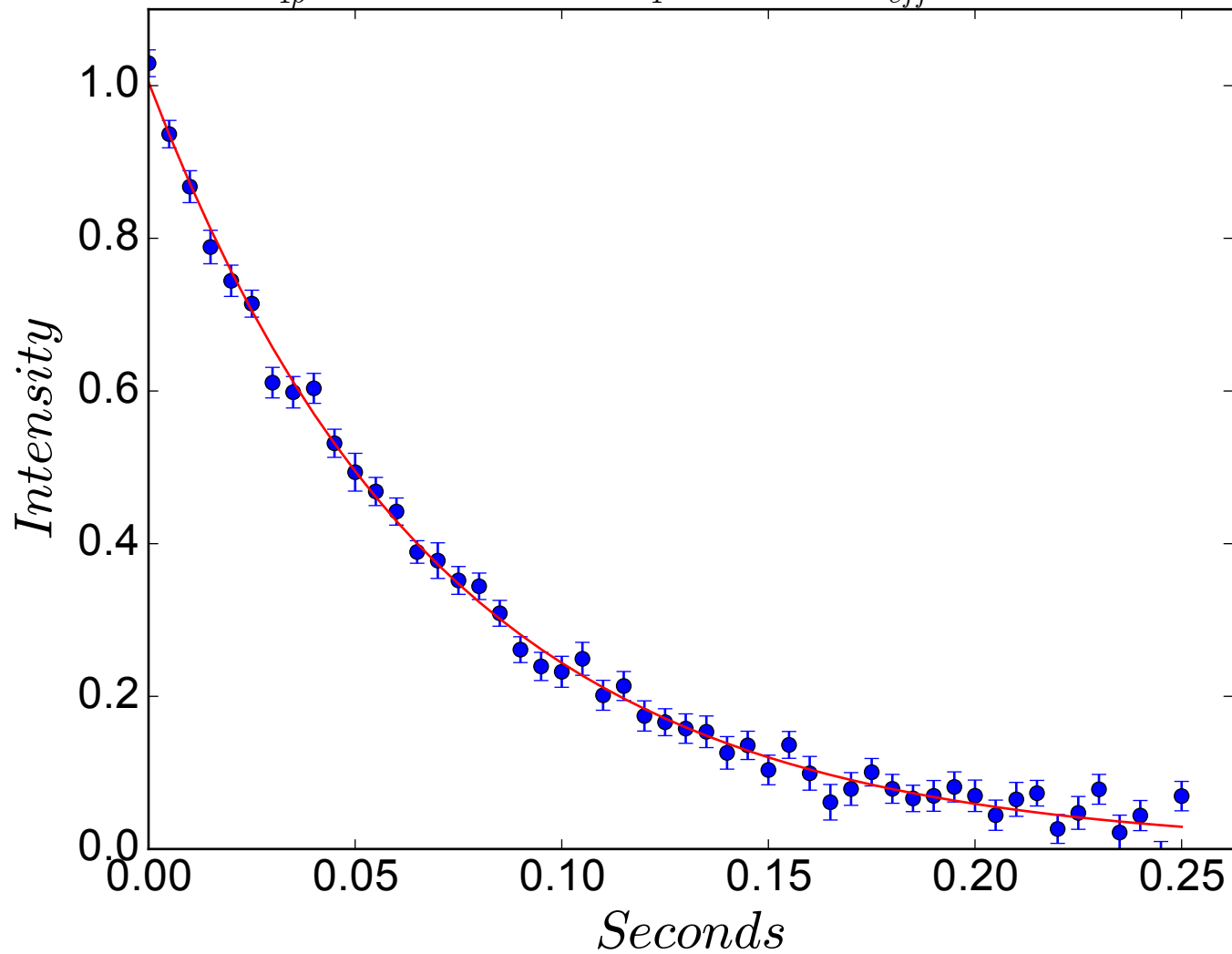
$$R_{1\rho} = 13.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -779 \text{ Hz}$$



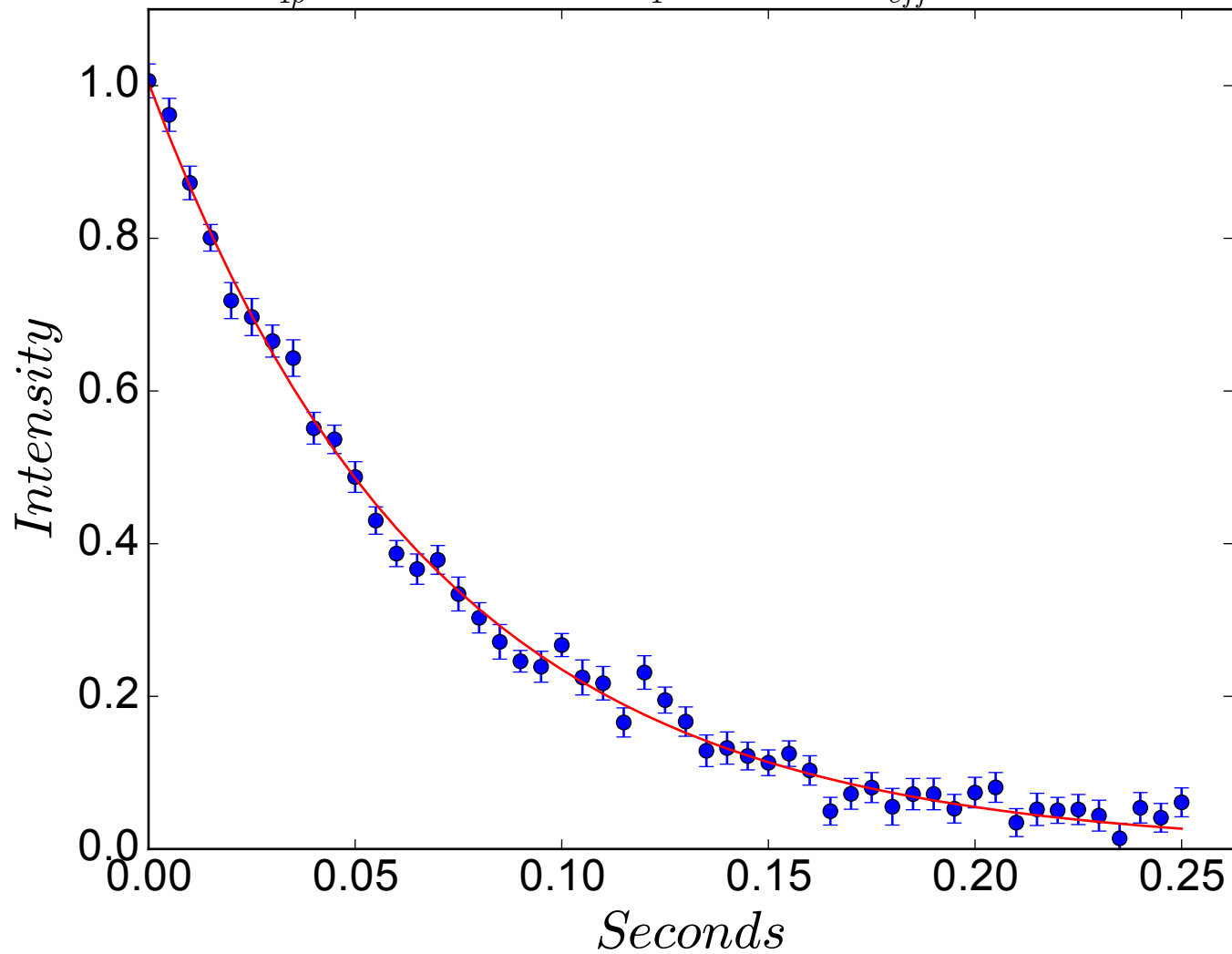
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -769 \text{ Hz}$$



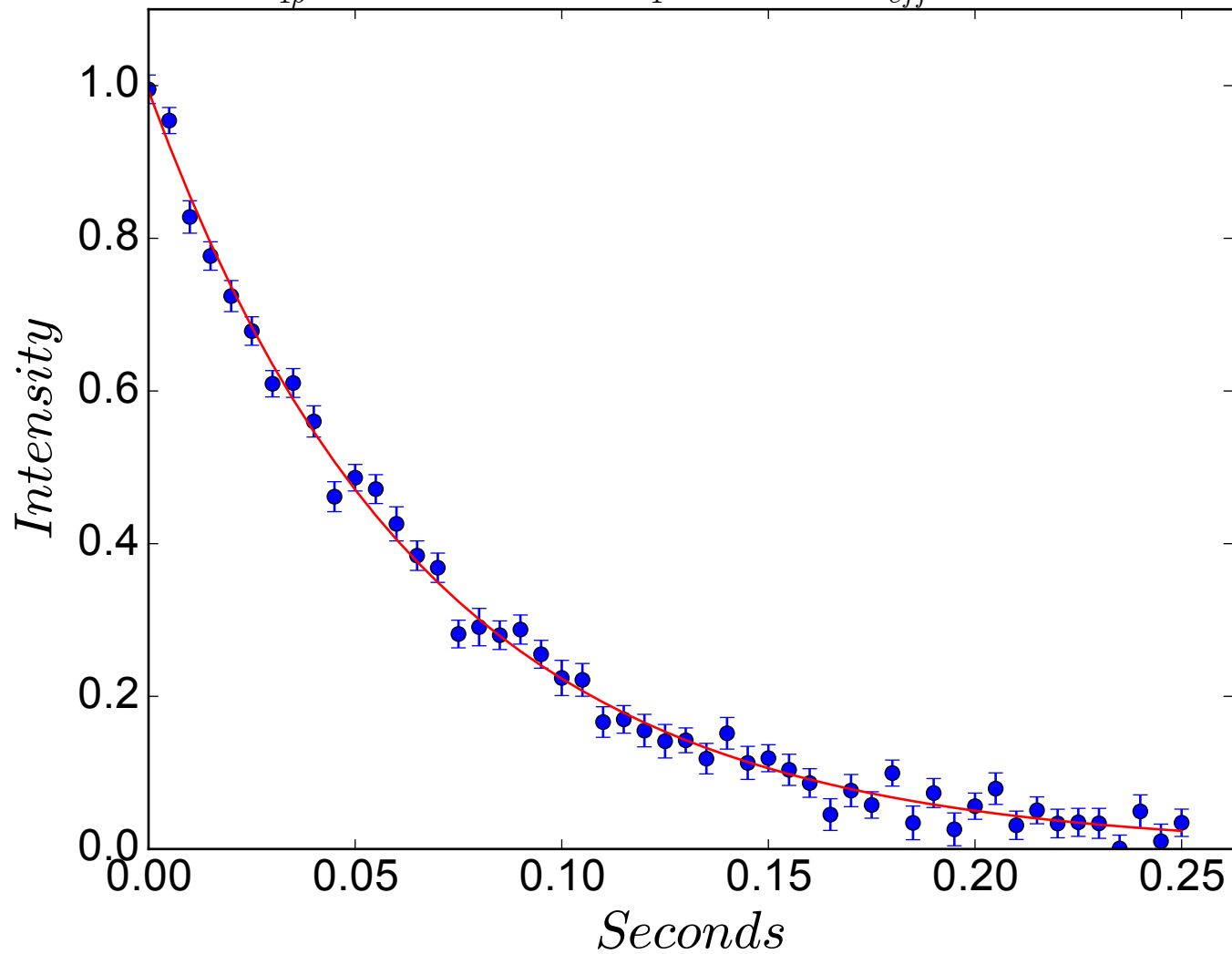
$$R_{1\rho} = 14.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -759 \text{ Hz}$$



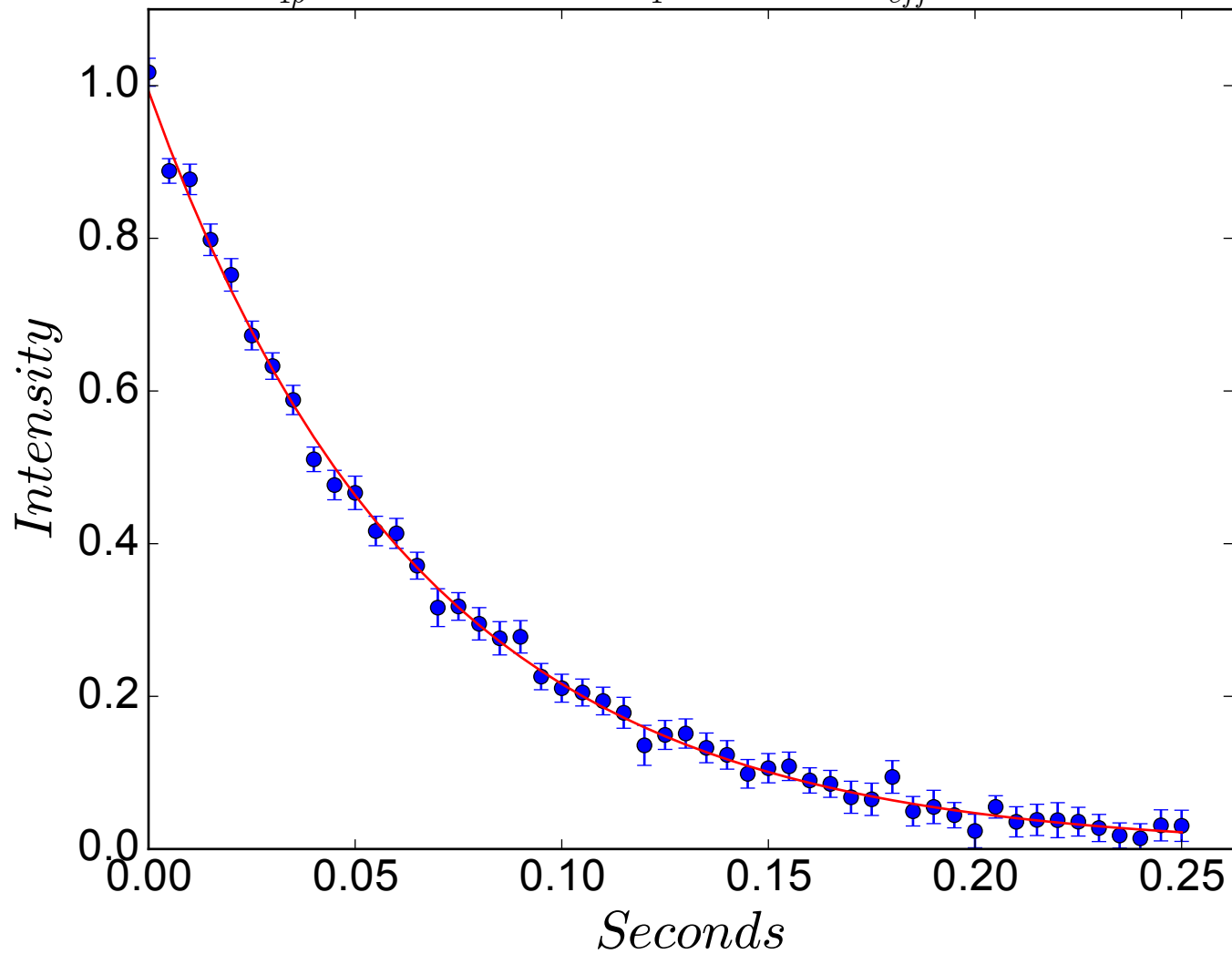
$$R_{1\rho} = 14.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -749 \text{ Hz}$$



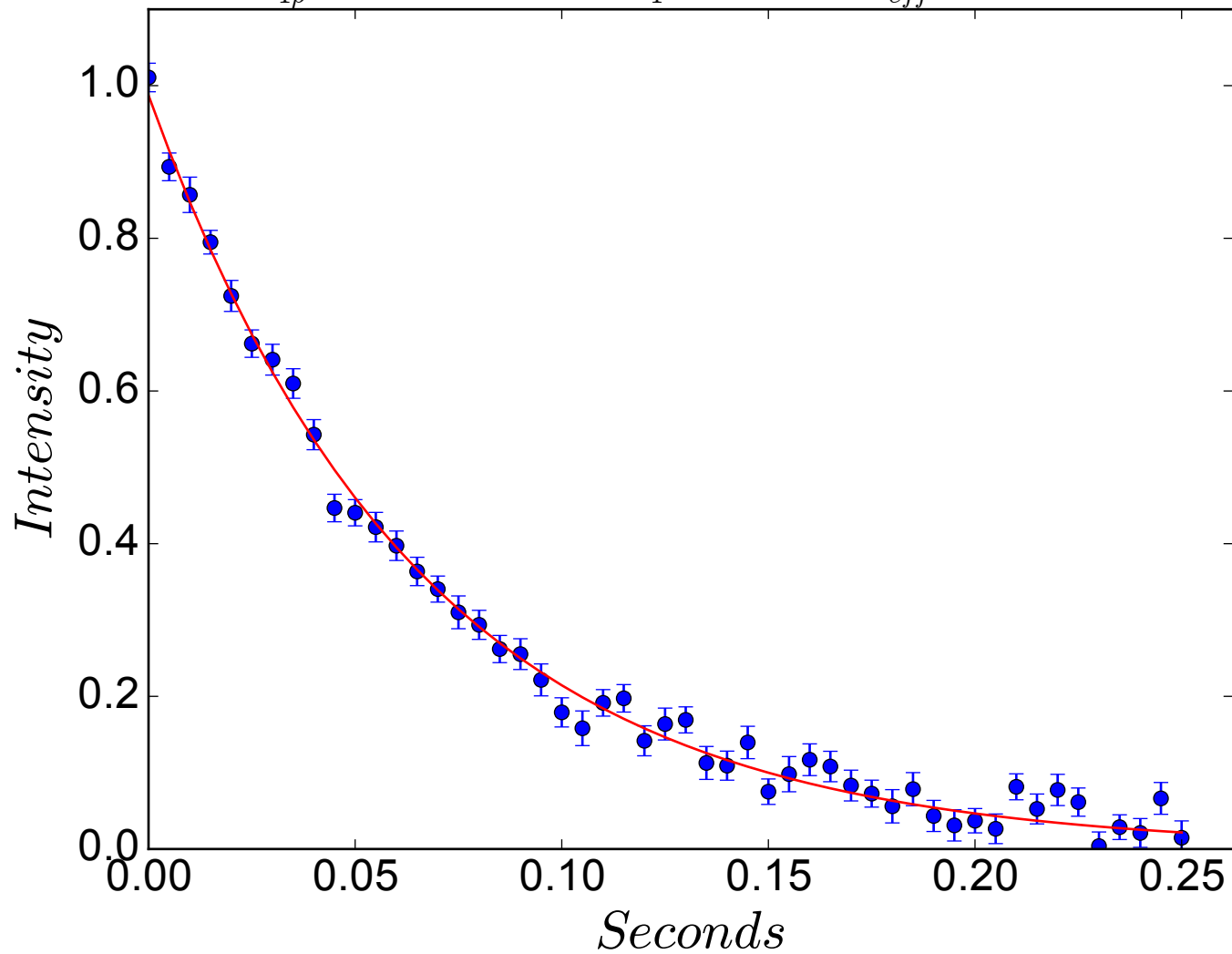
$$R_{1\rho} = 14.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -739 \text{ Hz}$$



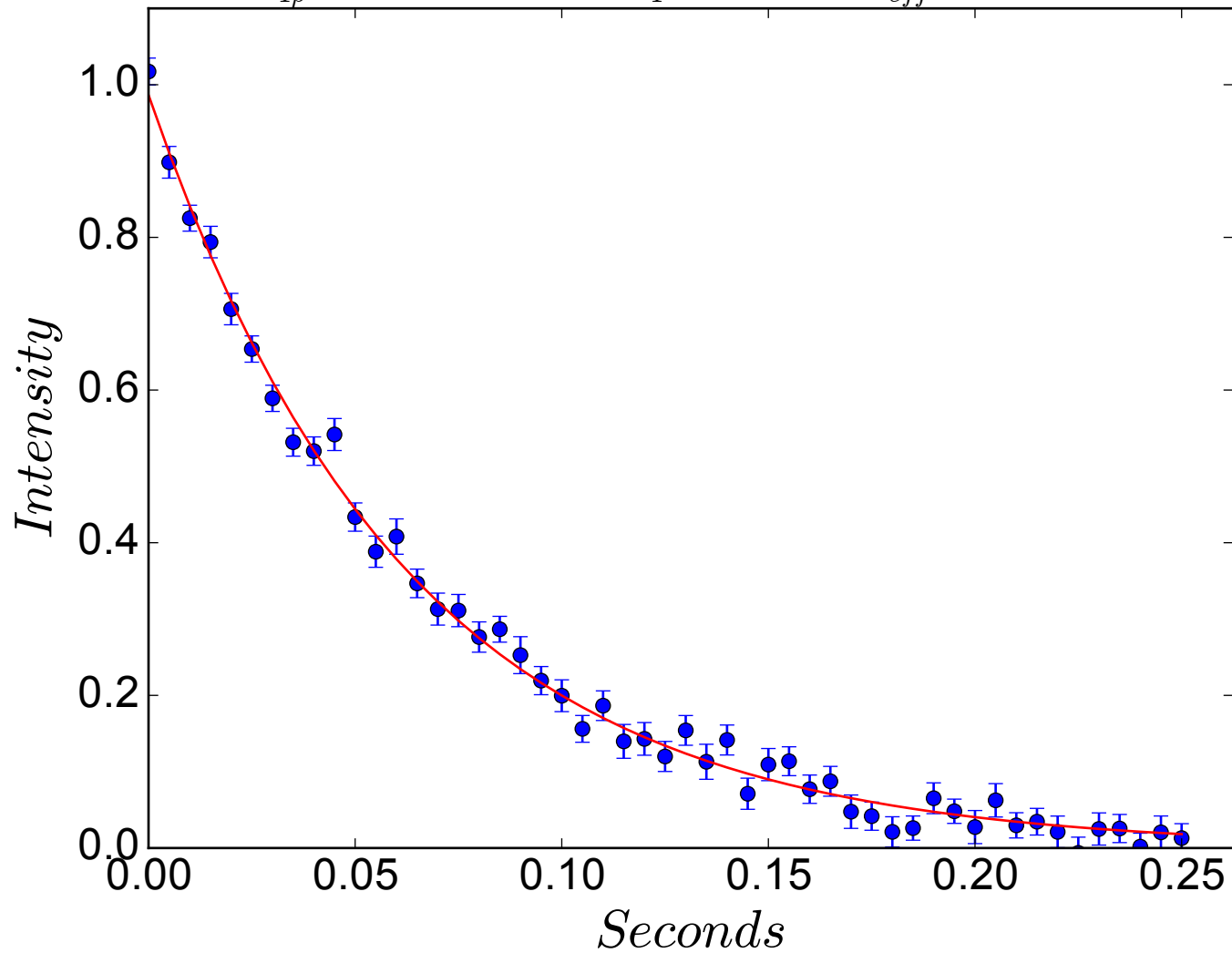
$$R_{1\rho} = 15.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -729 \text{ Hz}$$



$$R_{1\rho} = 15.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -719 \text{ Hz}$$

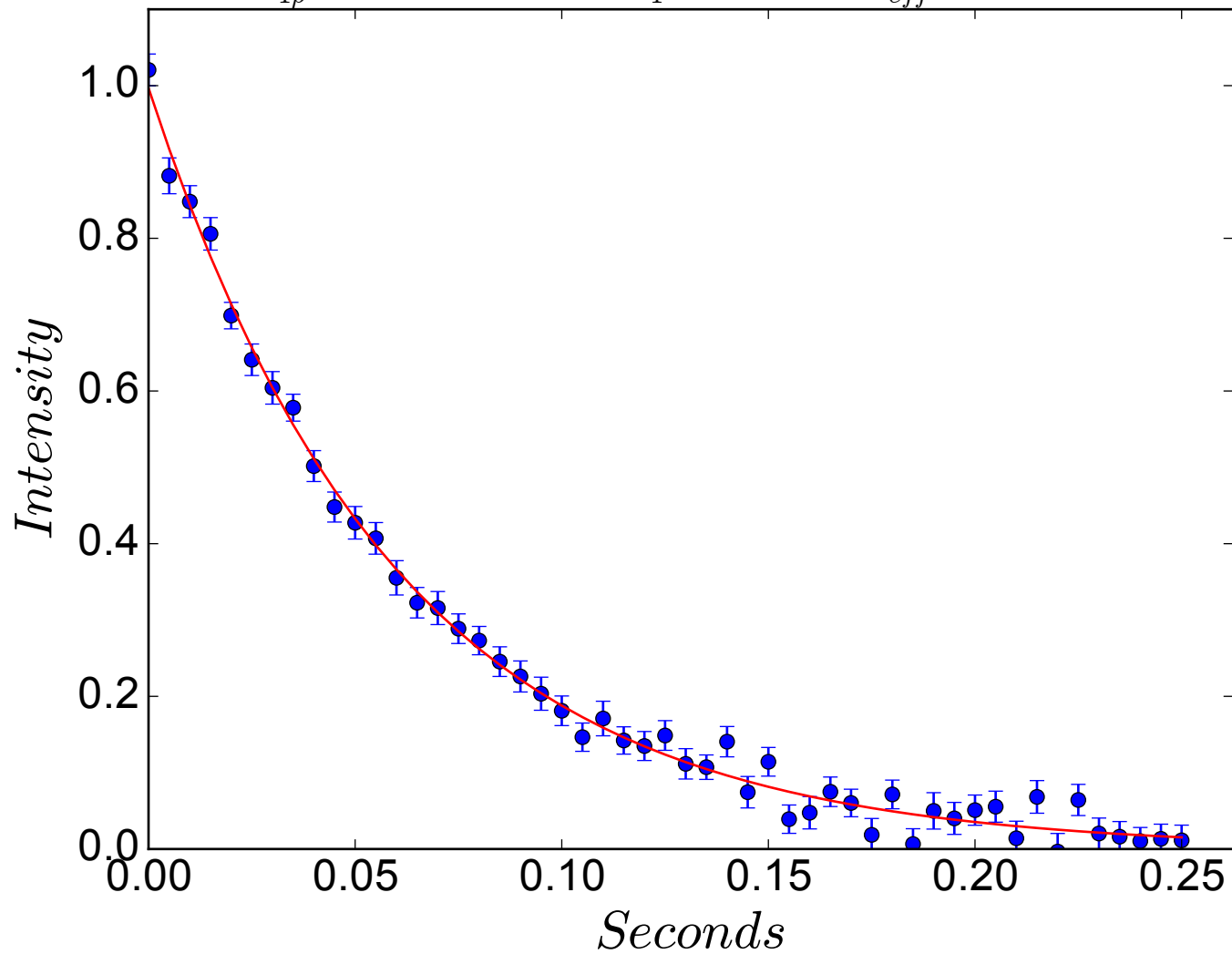


$$R_{1\rho} = 16.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -709 \text{ Hz}$$

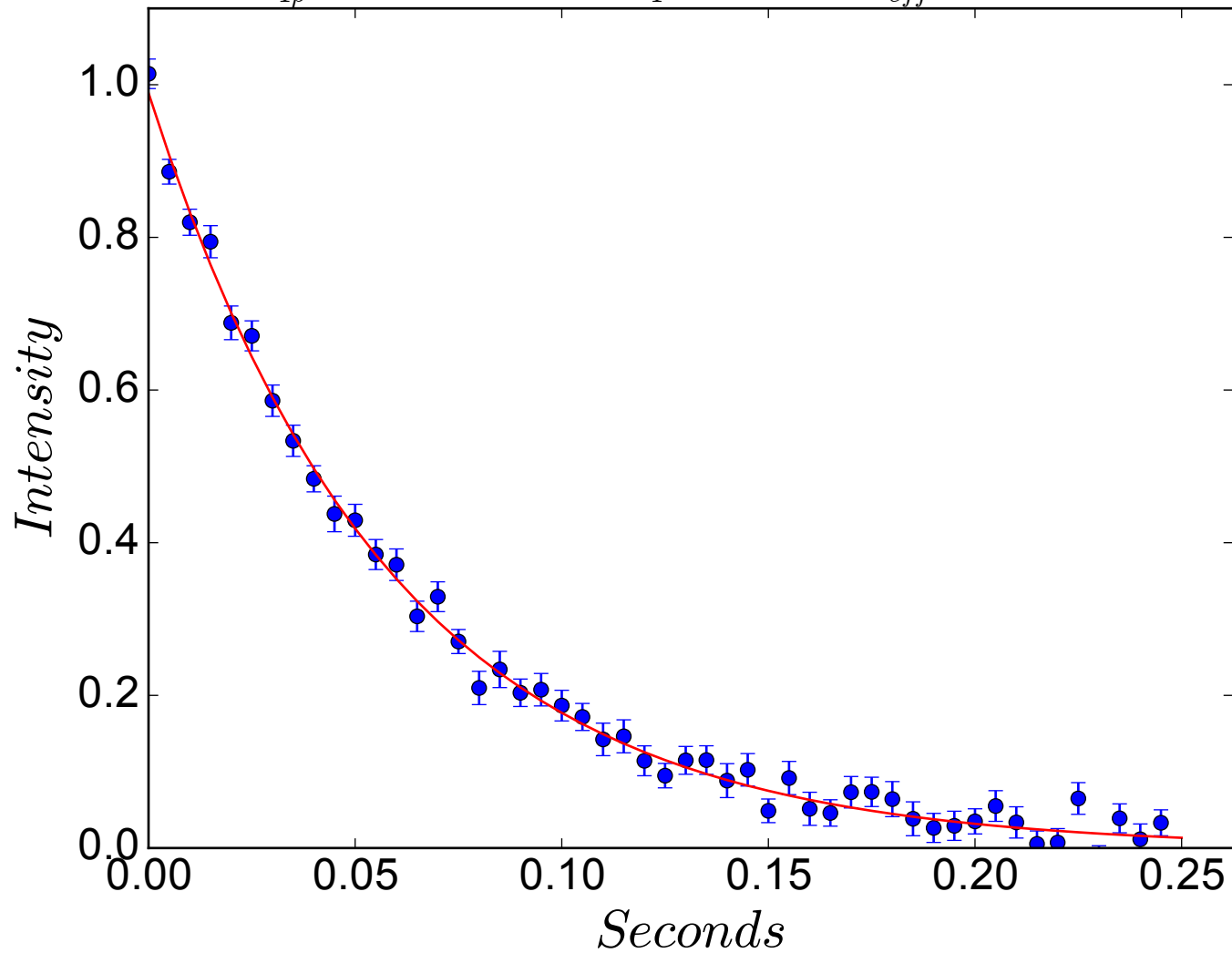




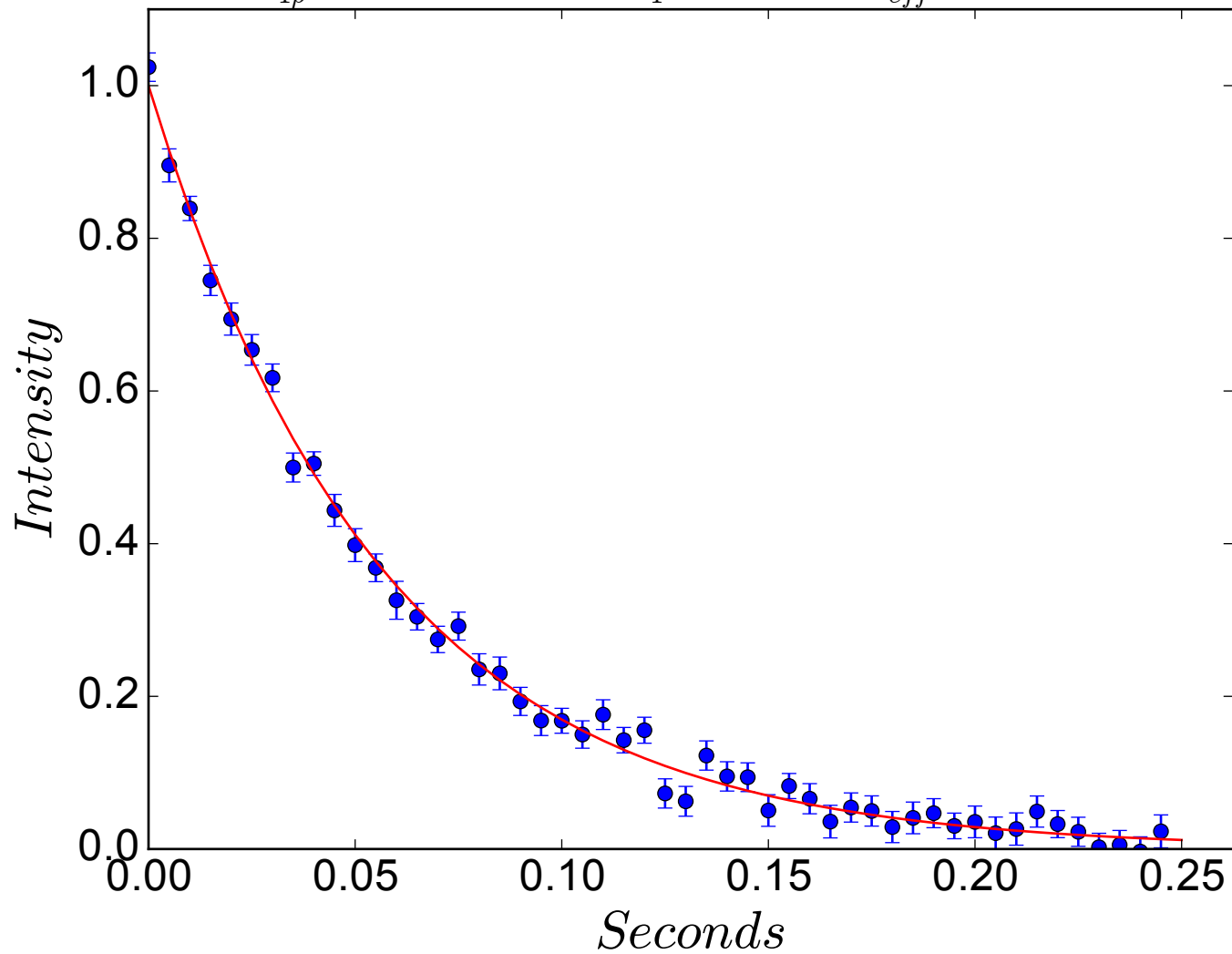
$$R_{1\rho} = 16.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -698 \text{ Hz}$$



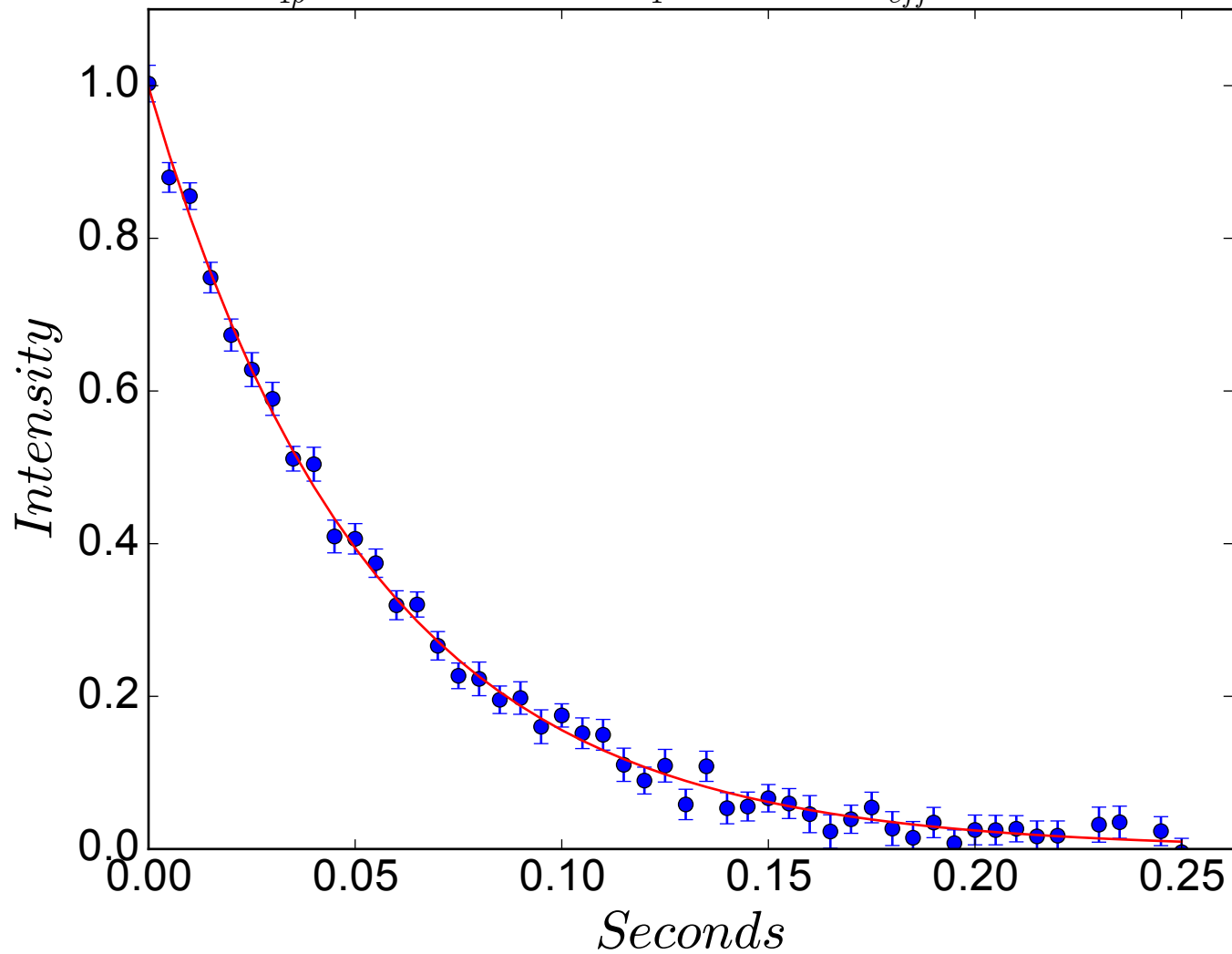
$$R_{1\rho} = 17.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -688 \text{ Hz}$$



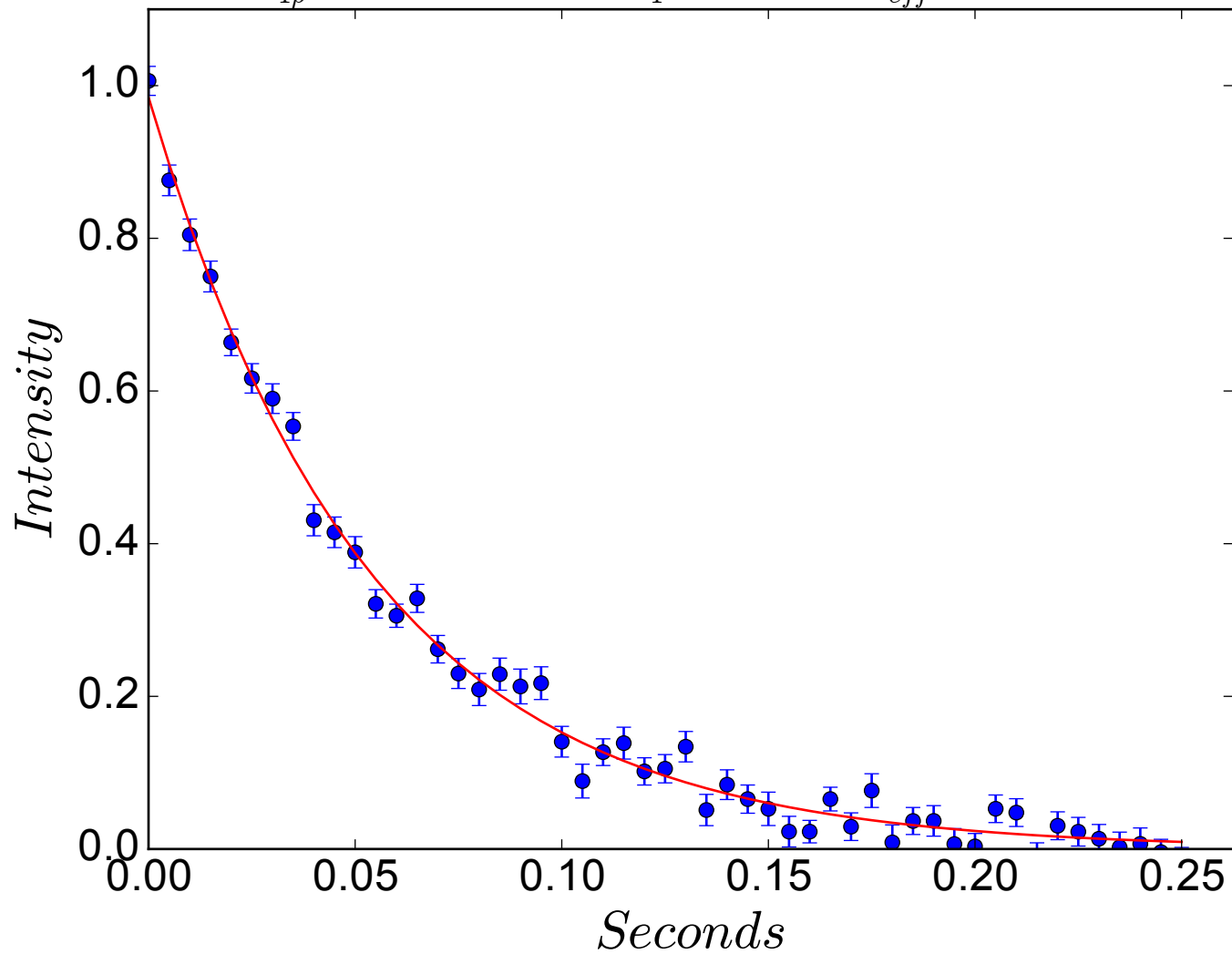
$$R_{1\rho} = 17.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -678 \text{ Hz}$$



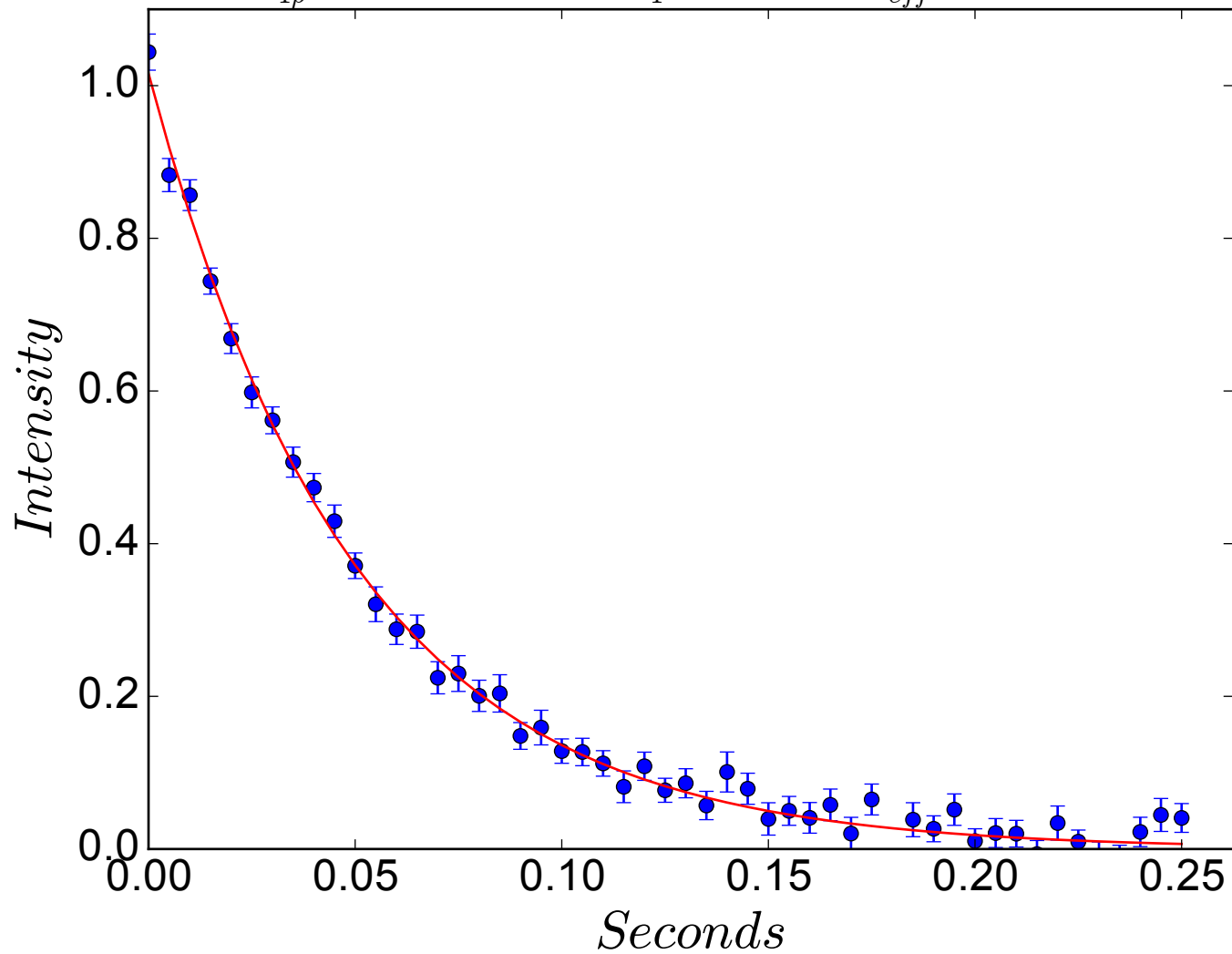
$$R_{1\rho} = 18.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -668 \text{ Hz}$$



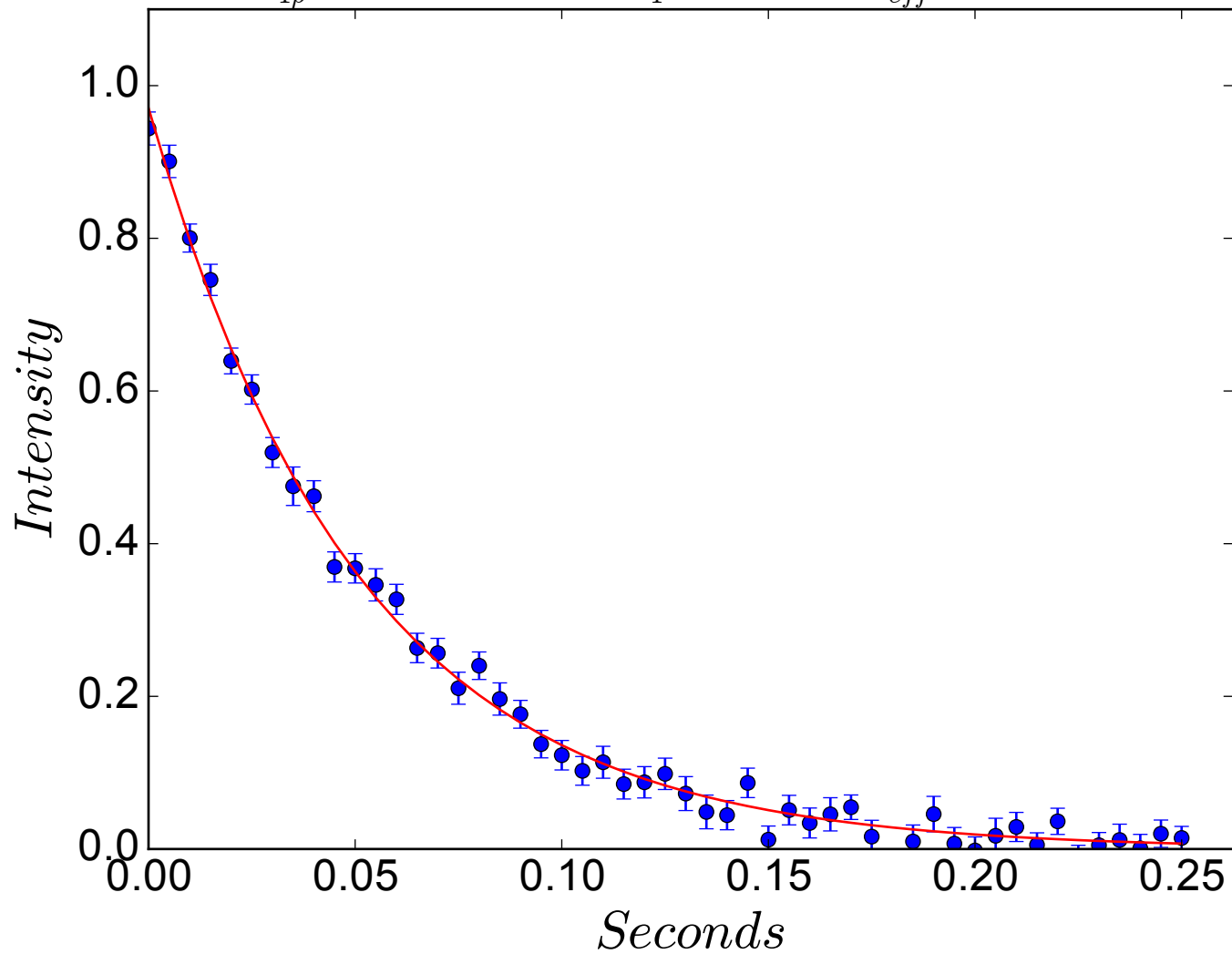
$$R_{1\rho} = 18.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -658 \text{ Hz}$$



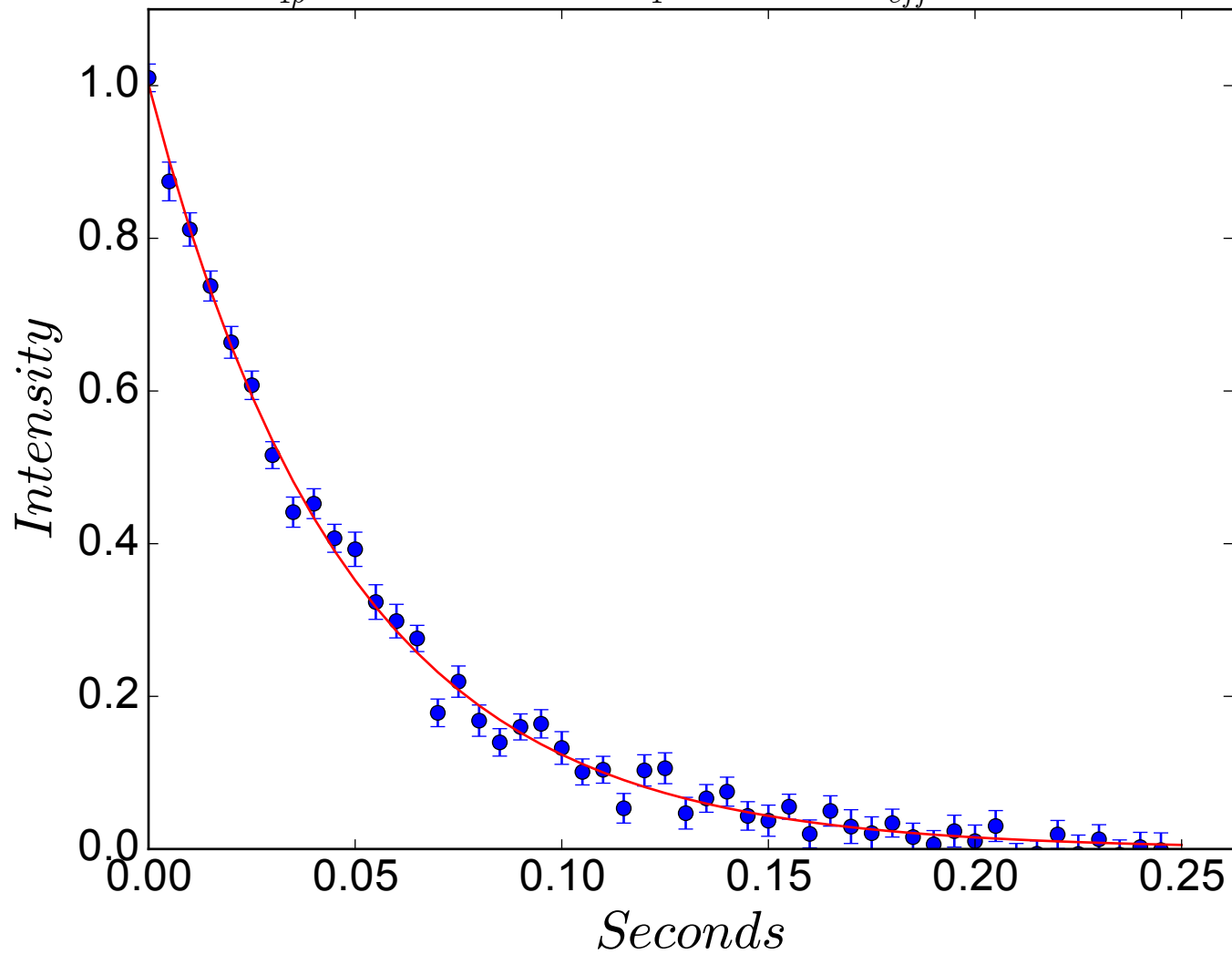
$$R_{1\rho} = 20.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -648 \text{ Hz}$$



$$R_{1\rho} = 19.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -638 \text{ Hz}$$

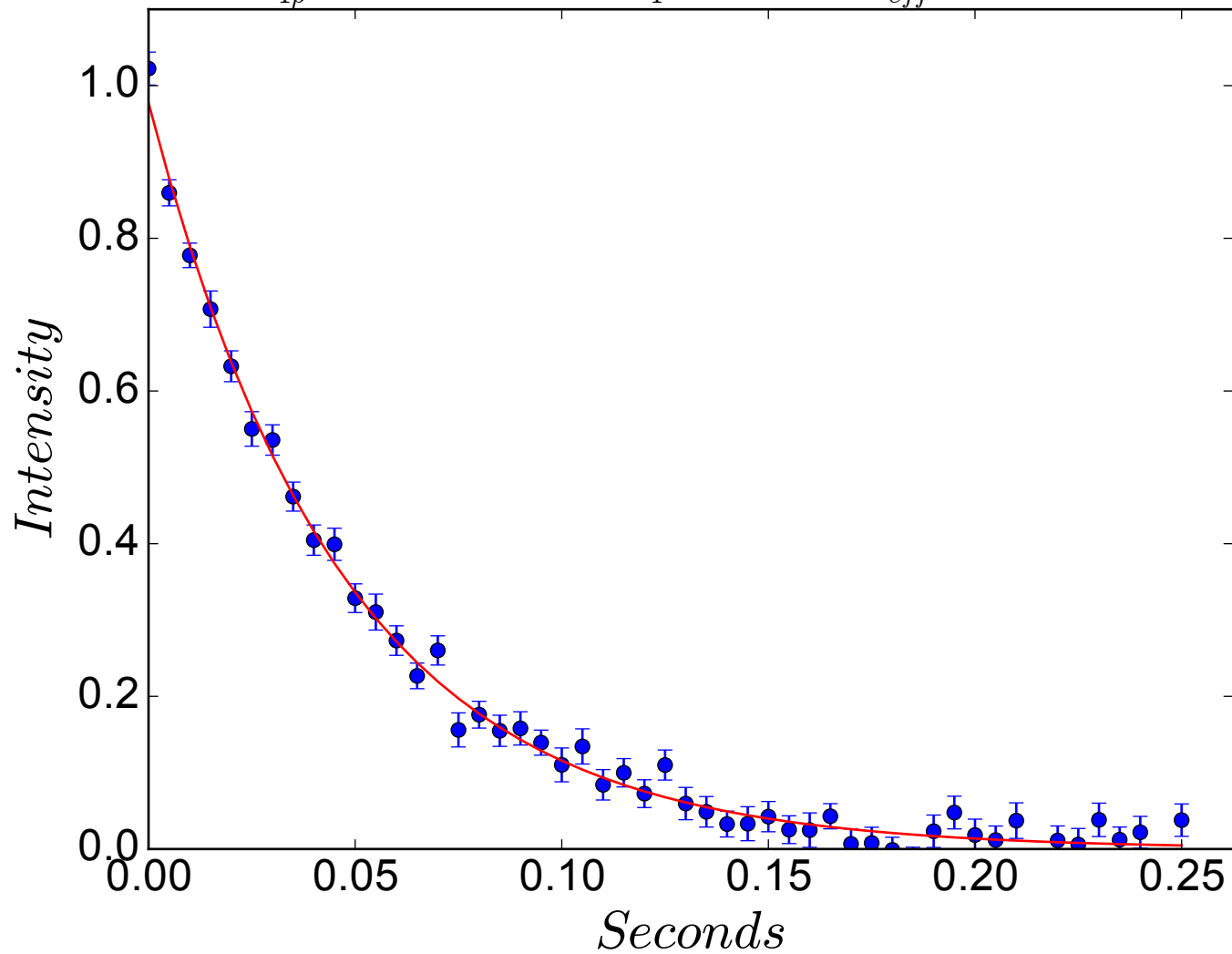


$$R_{1\rho} = 20.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -628 \text{ Hz}$$

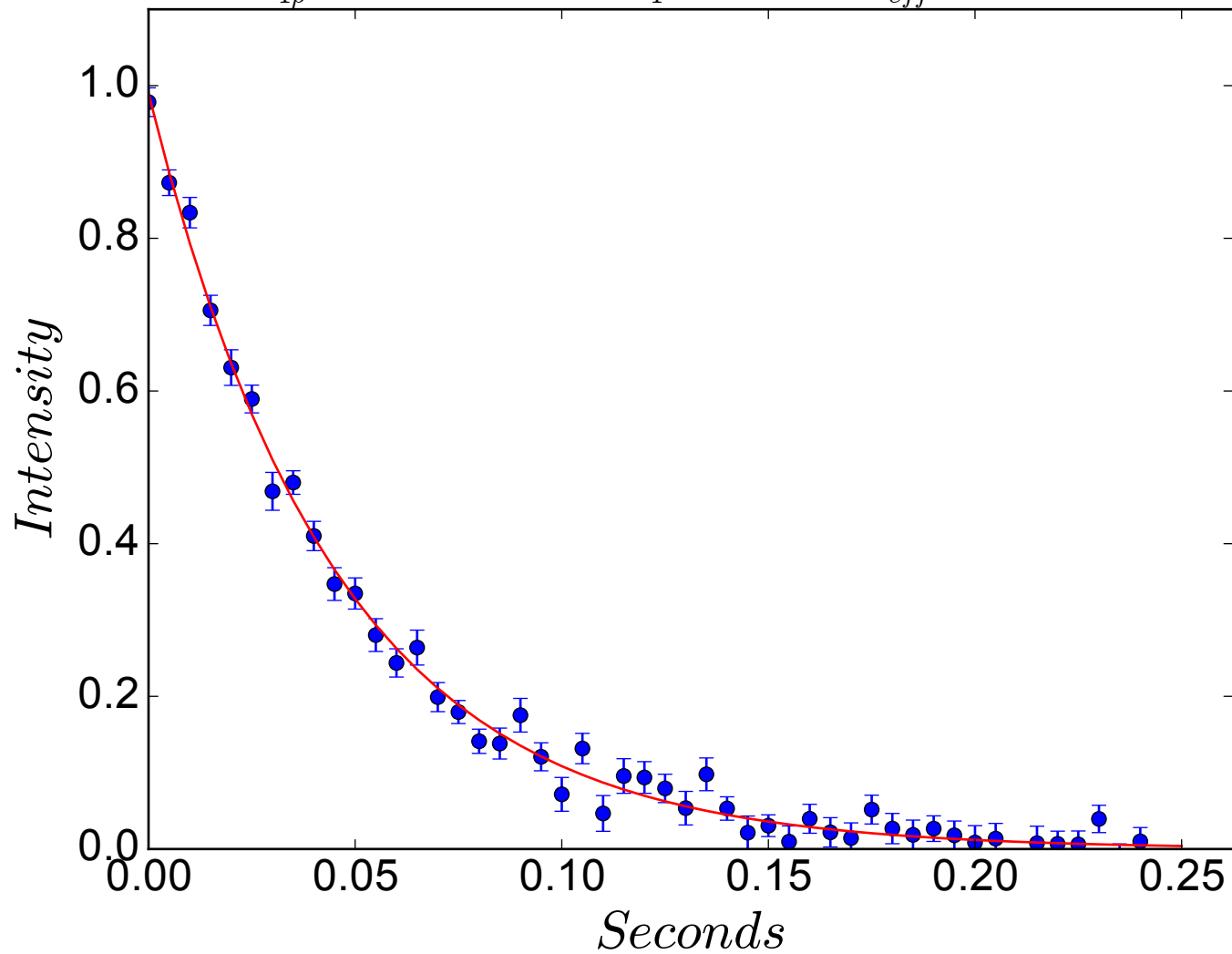




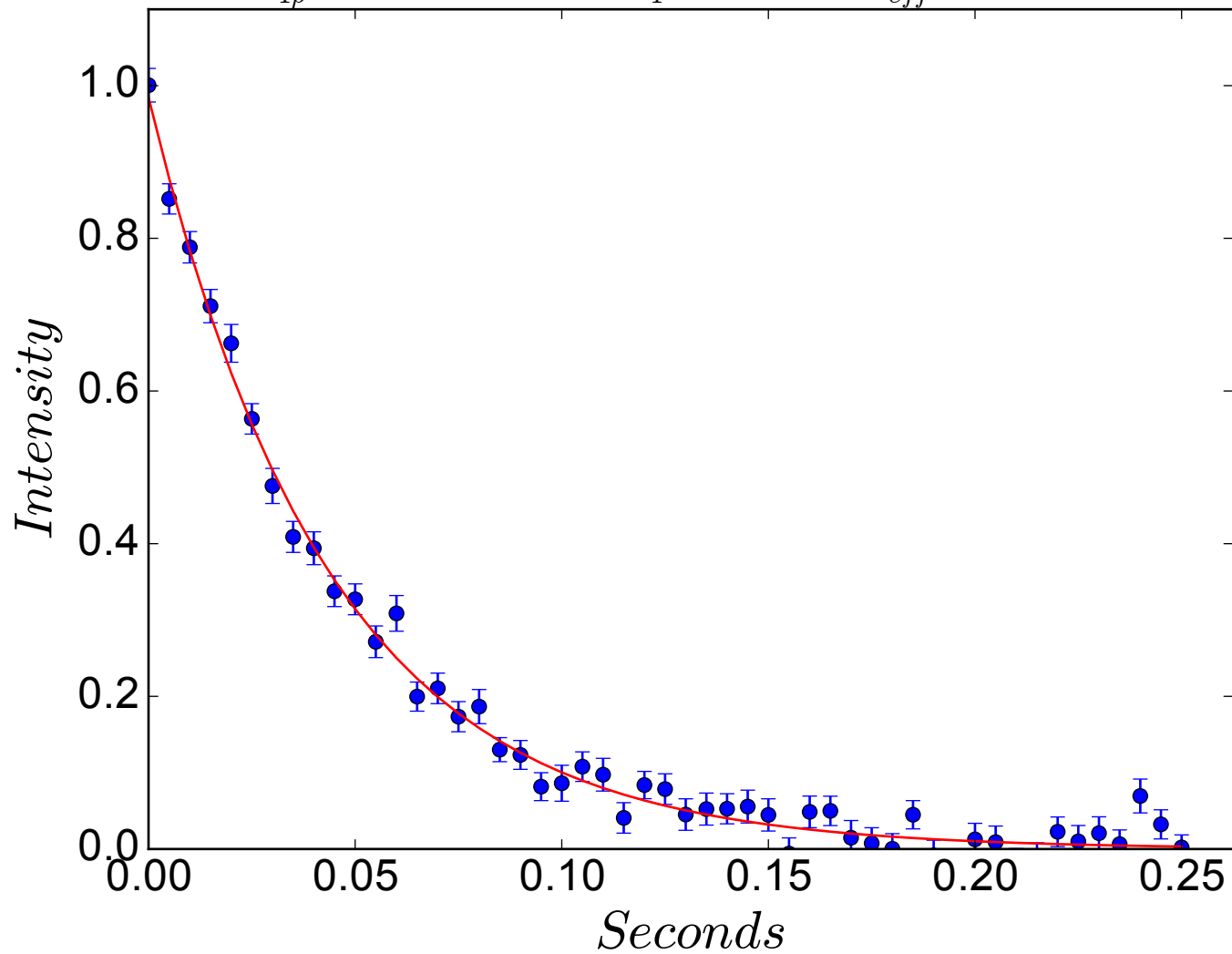
$$R_{1\rho} = 21.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -618 \text{ Hz}$$



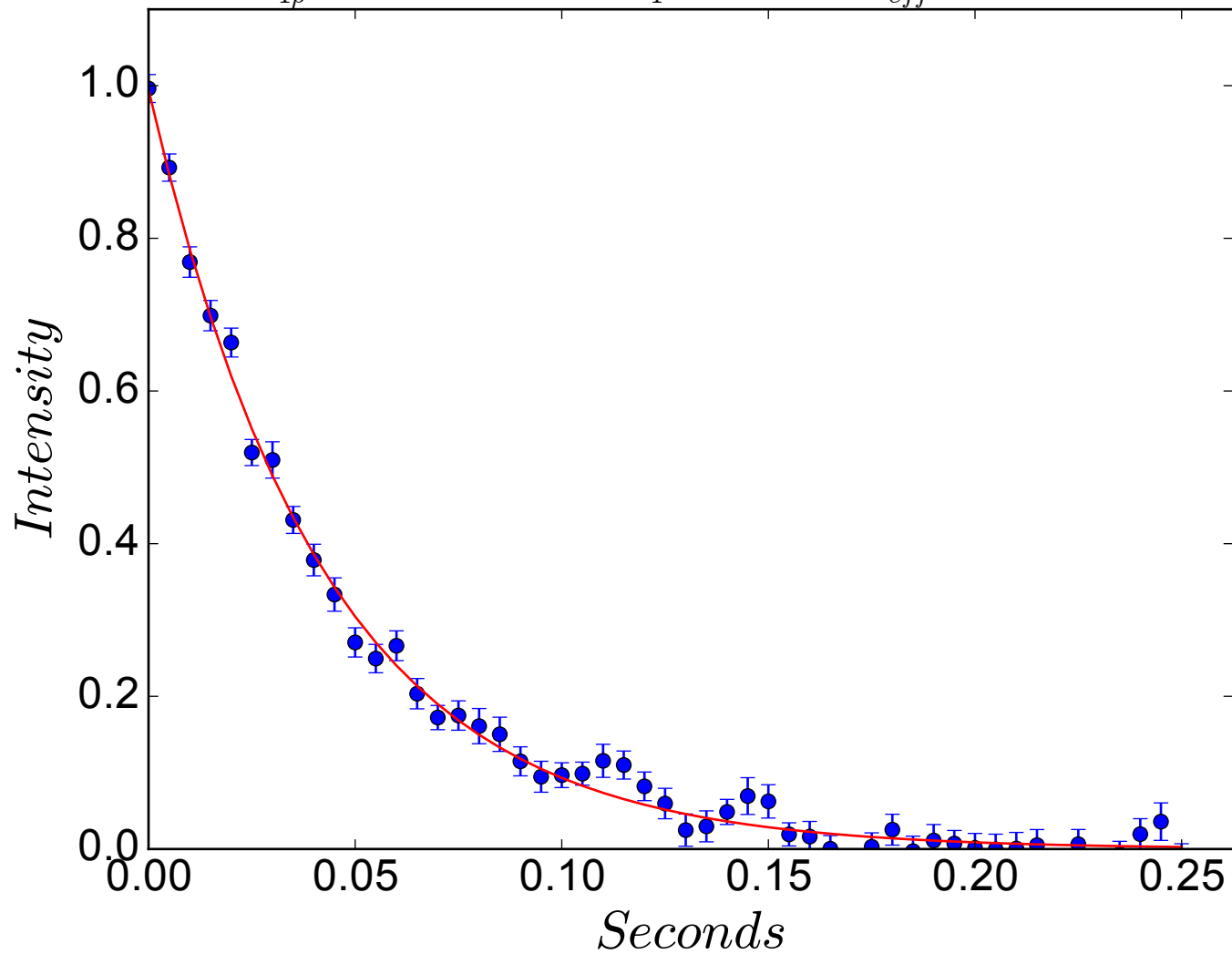
$$R_{1\rho} = 22.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -608 \text{ Hz}$$



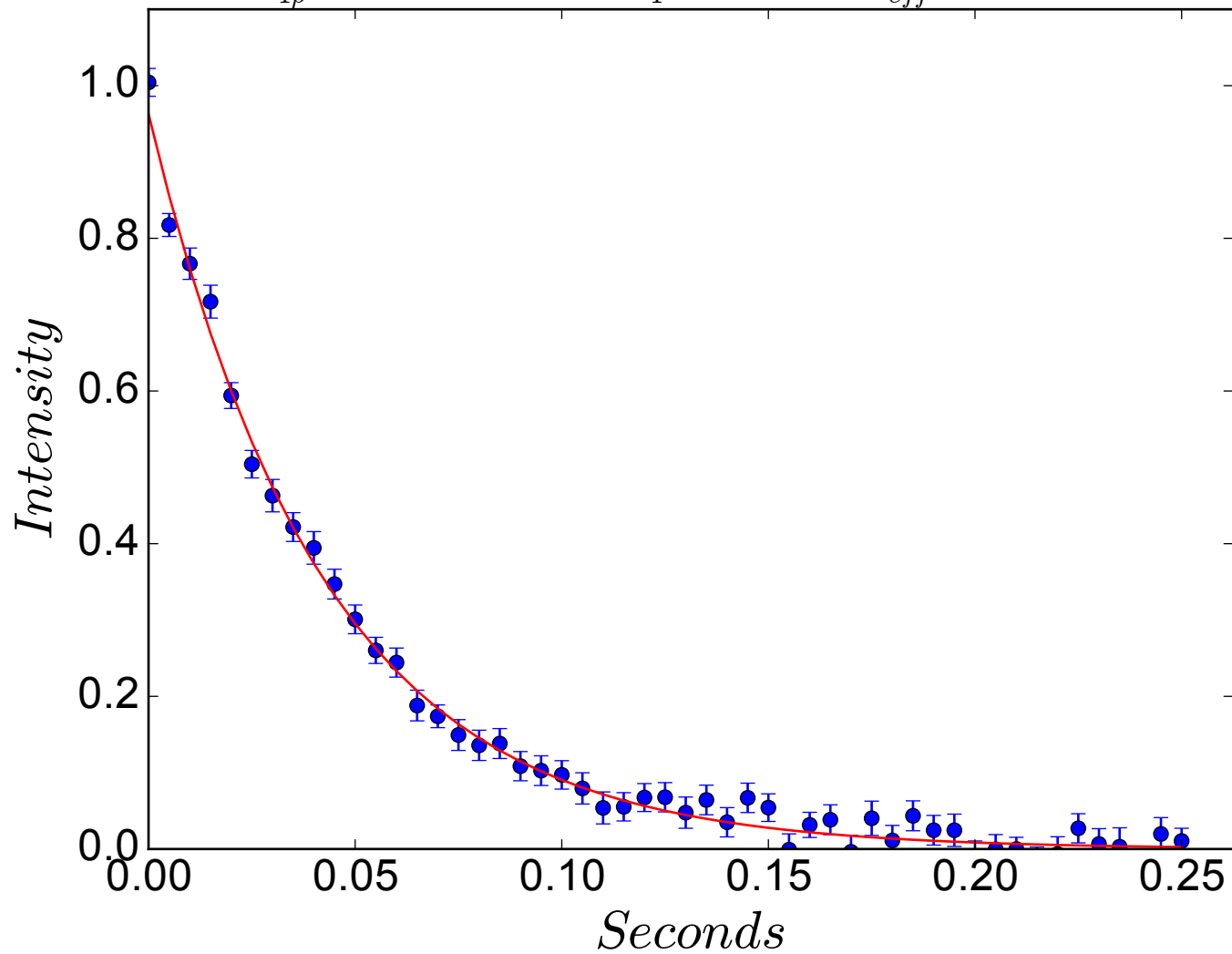
$$R_{1\rho} = 22.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -598 \text{ Hz}$$



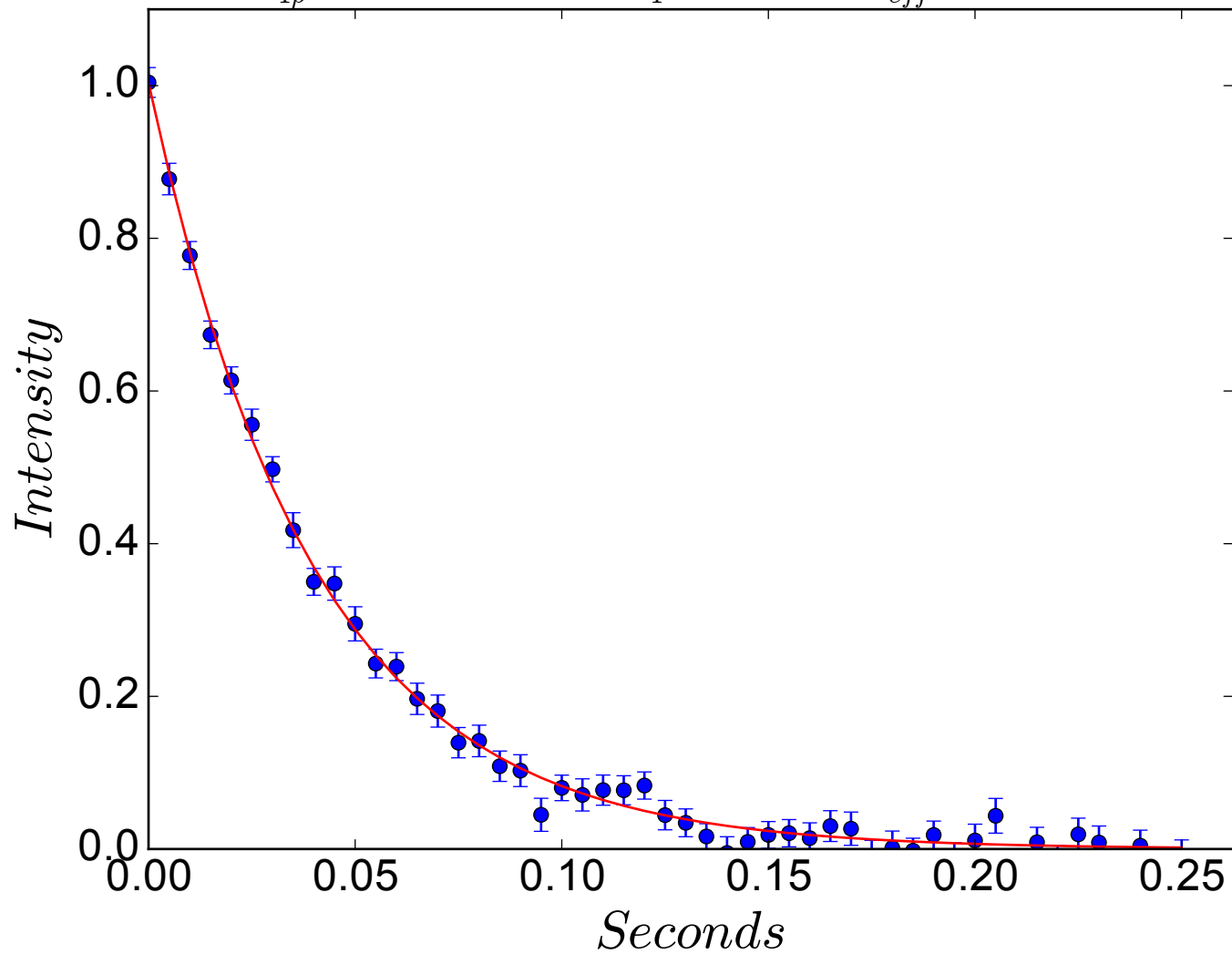
$$R_{1\rho} = 23.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -588 \text{ Hz}$$



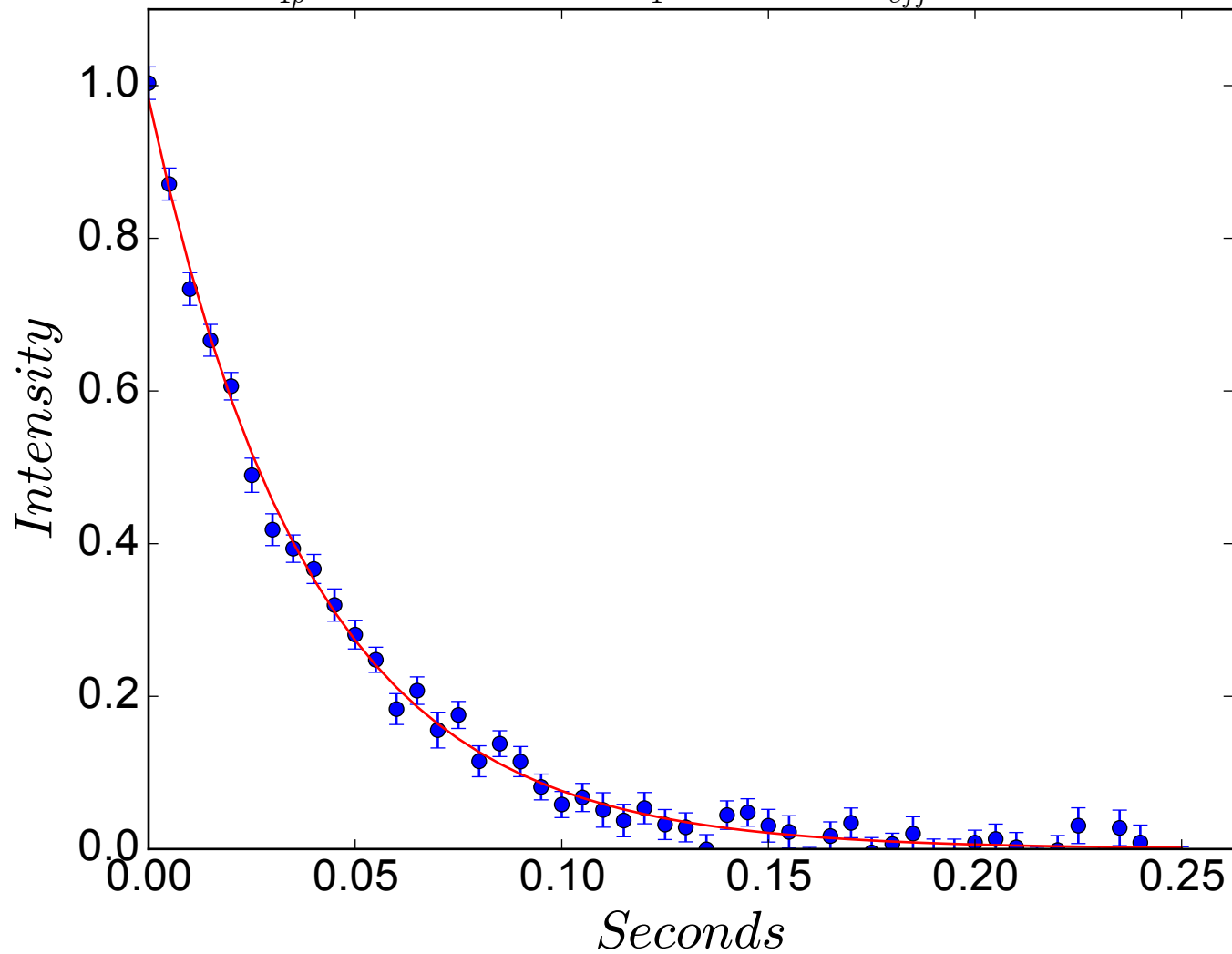
$$R_{1\rho} = 23.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -578 \text{ Hz}$$



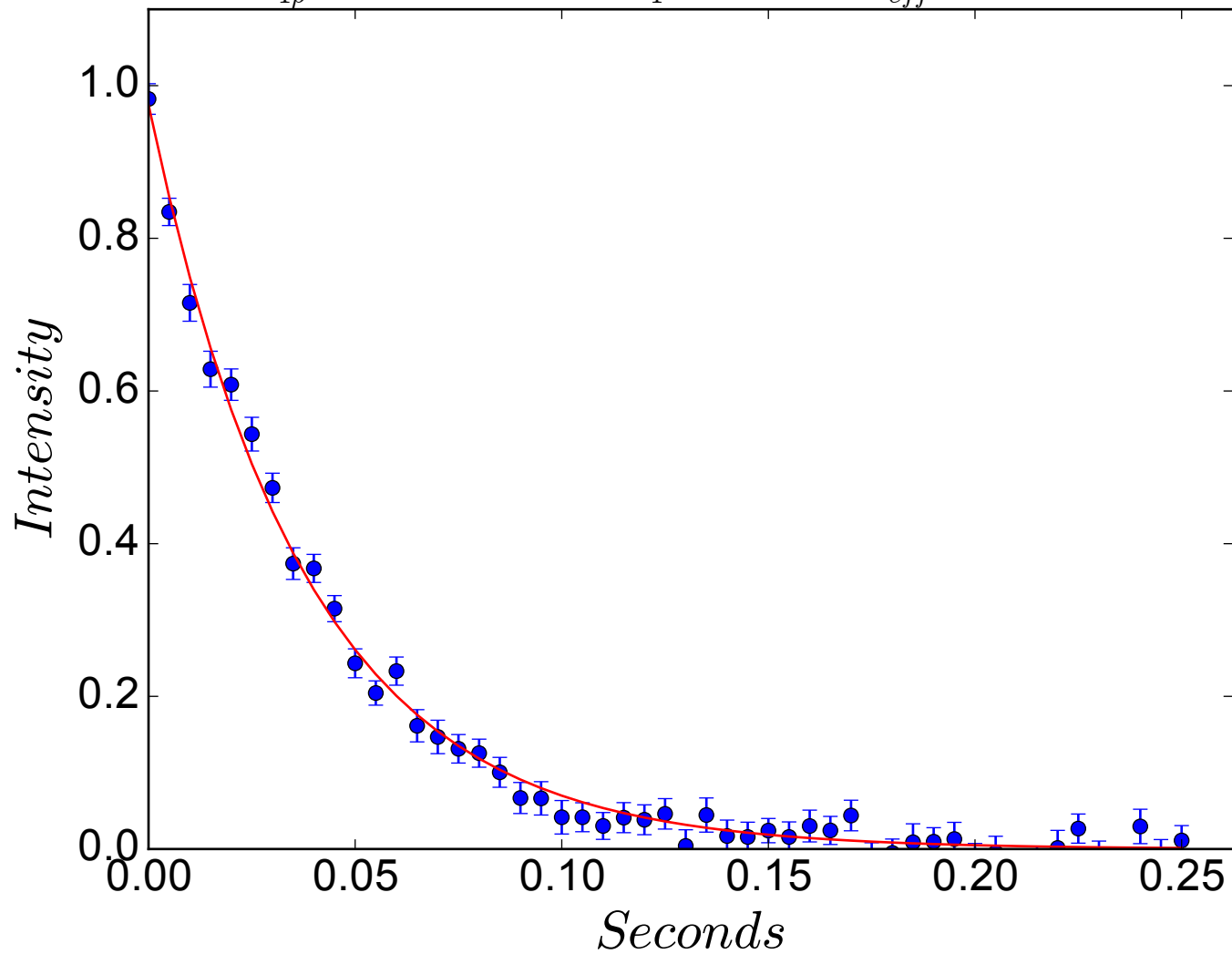
$$R_{1\rho} = 25.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -568 \text{ Hz}$$



$$R_{1\rho} = 25.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -558 \text{ Hz}$$

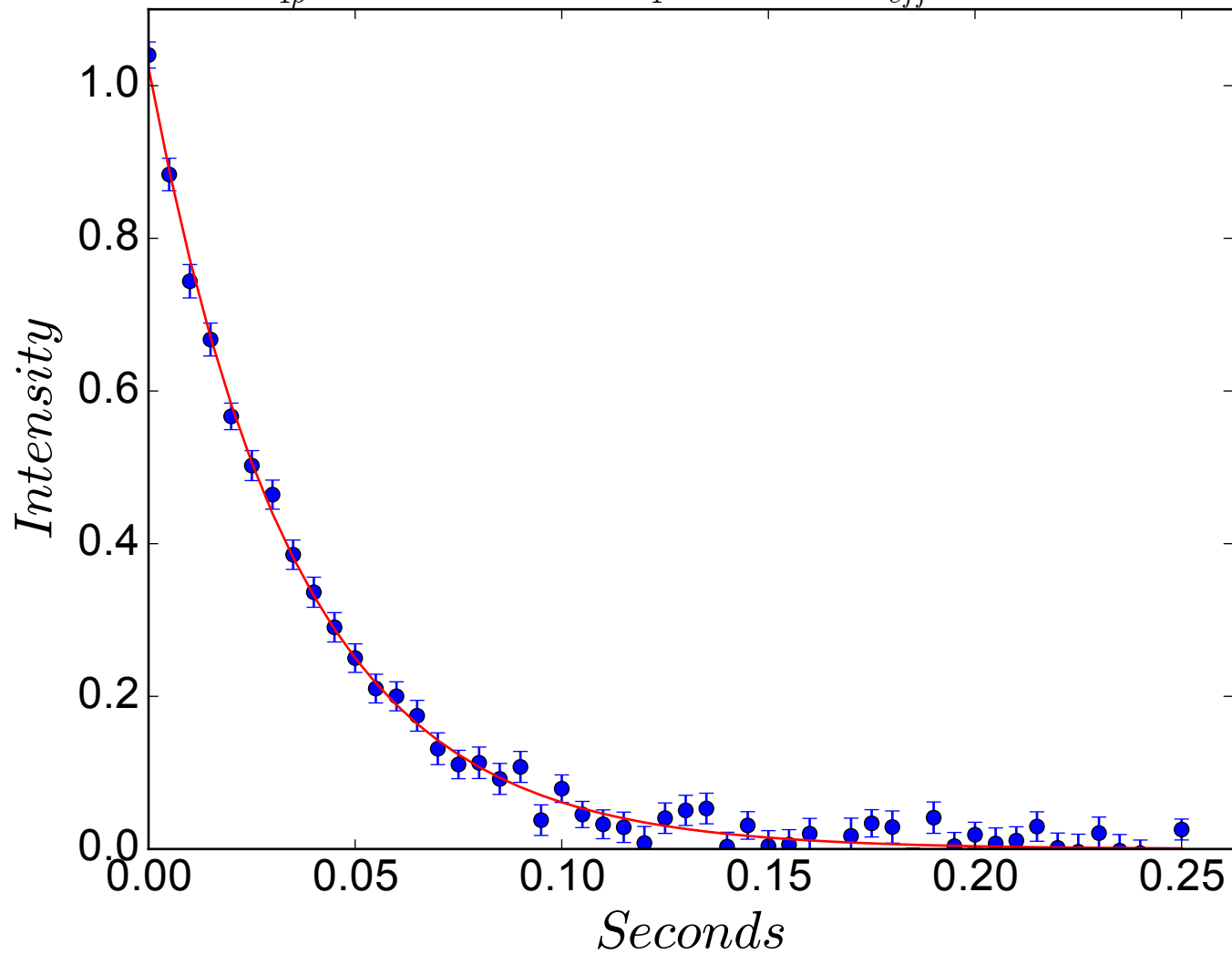


$$R_{1\rho} = 26.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -548 \text{ Hz}$$

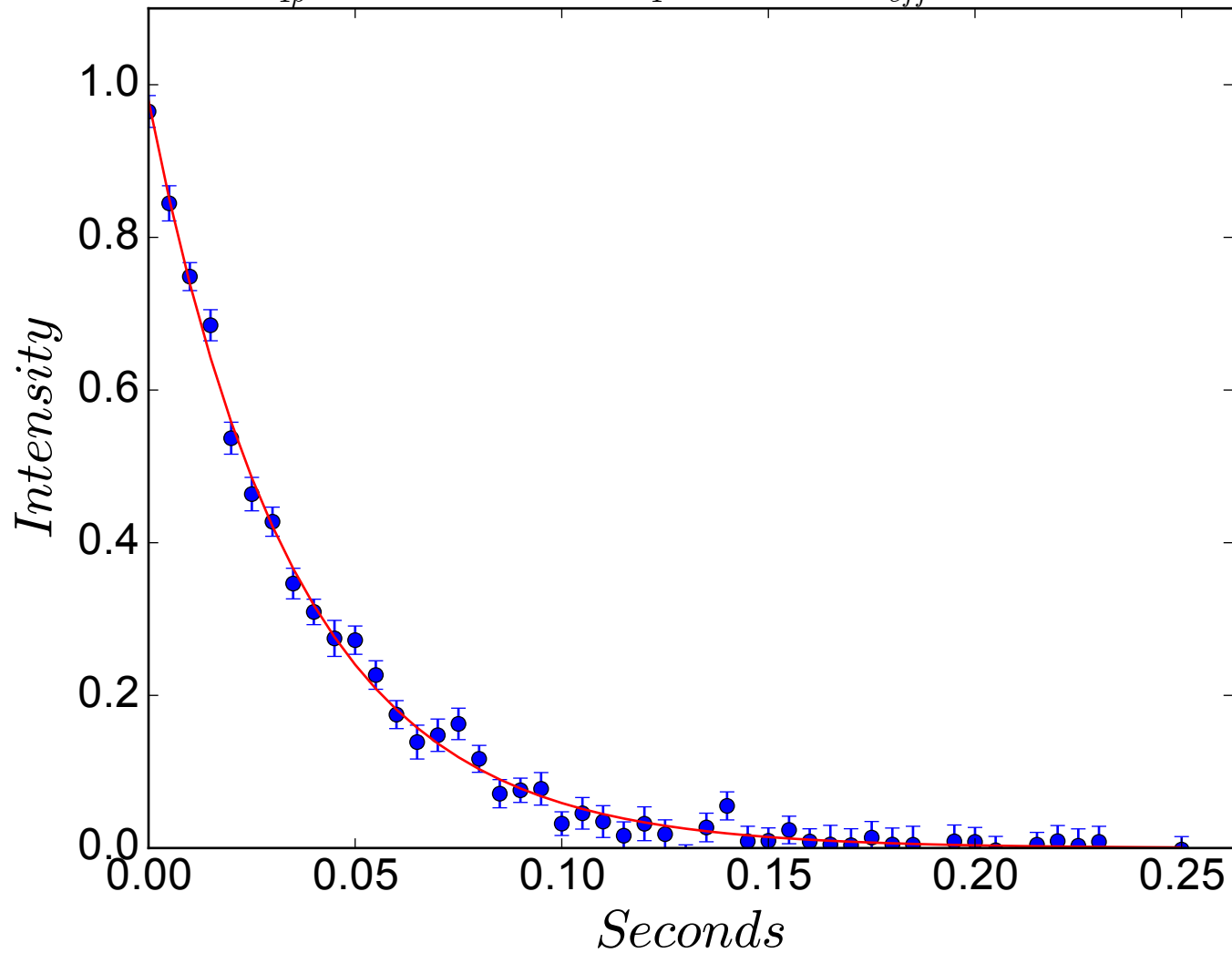




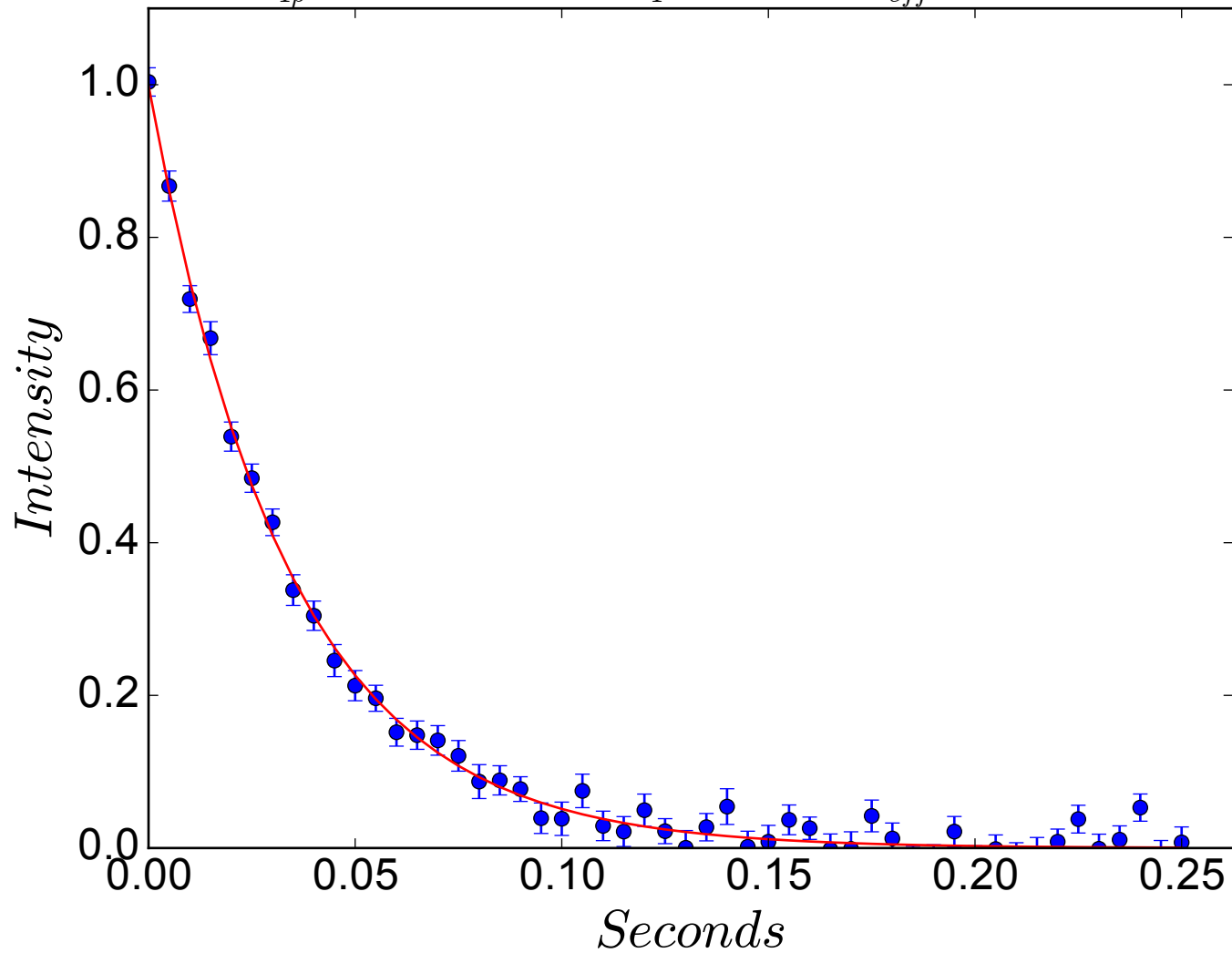
$$R_{1\rho} = 28.2 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -538 \text{ Hz}$$



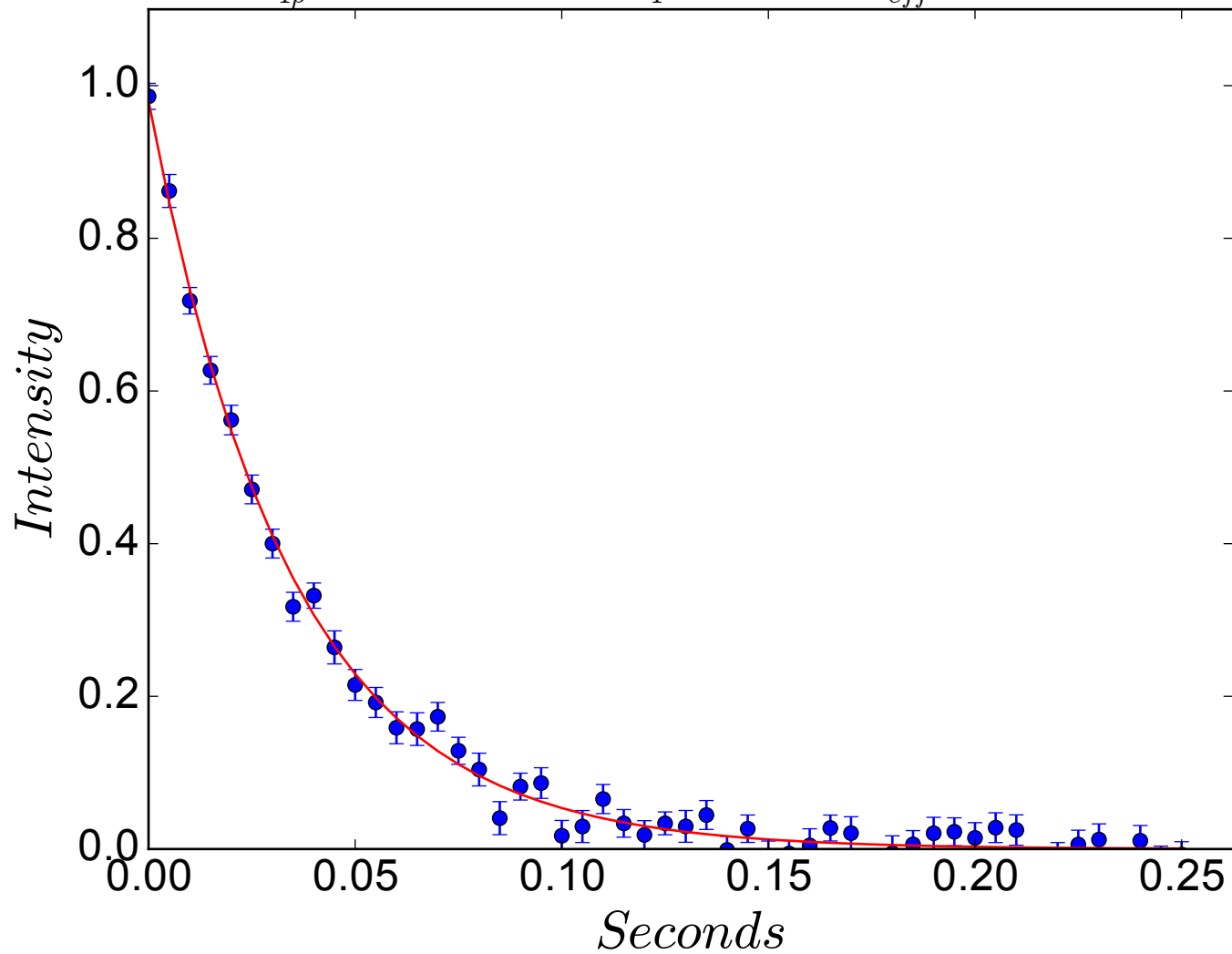
$$R_{1\rho} = 28.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -528 \text{ Hz}$$



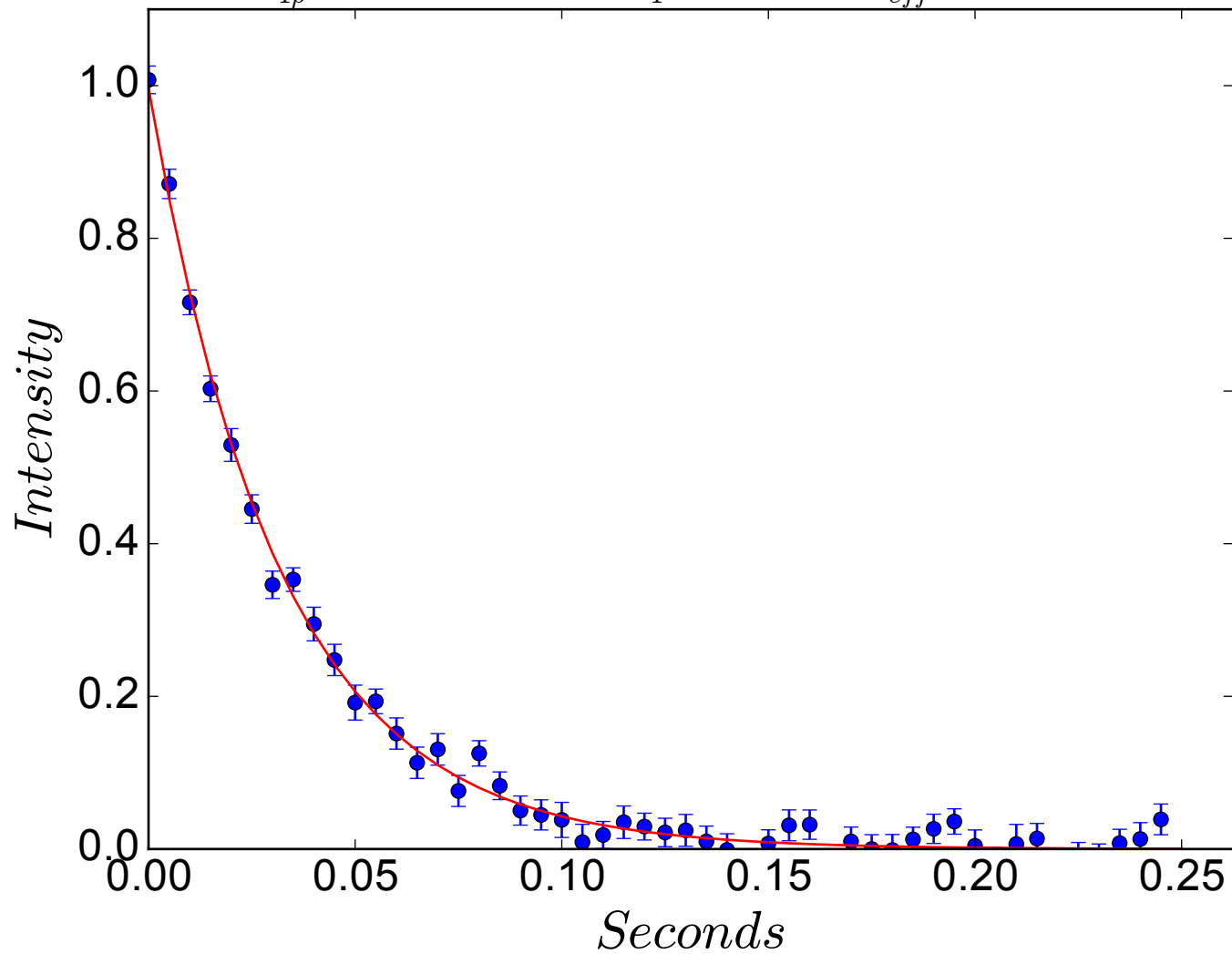
$$R_{1\rho} = 29.7 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -518 \text{ Hz}$$



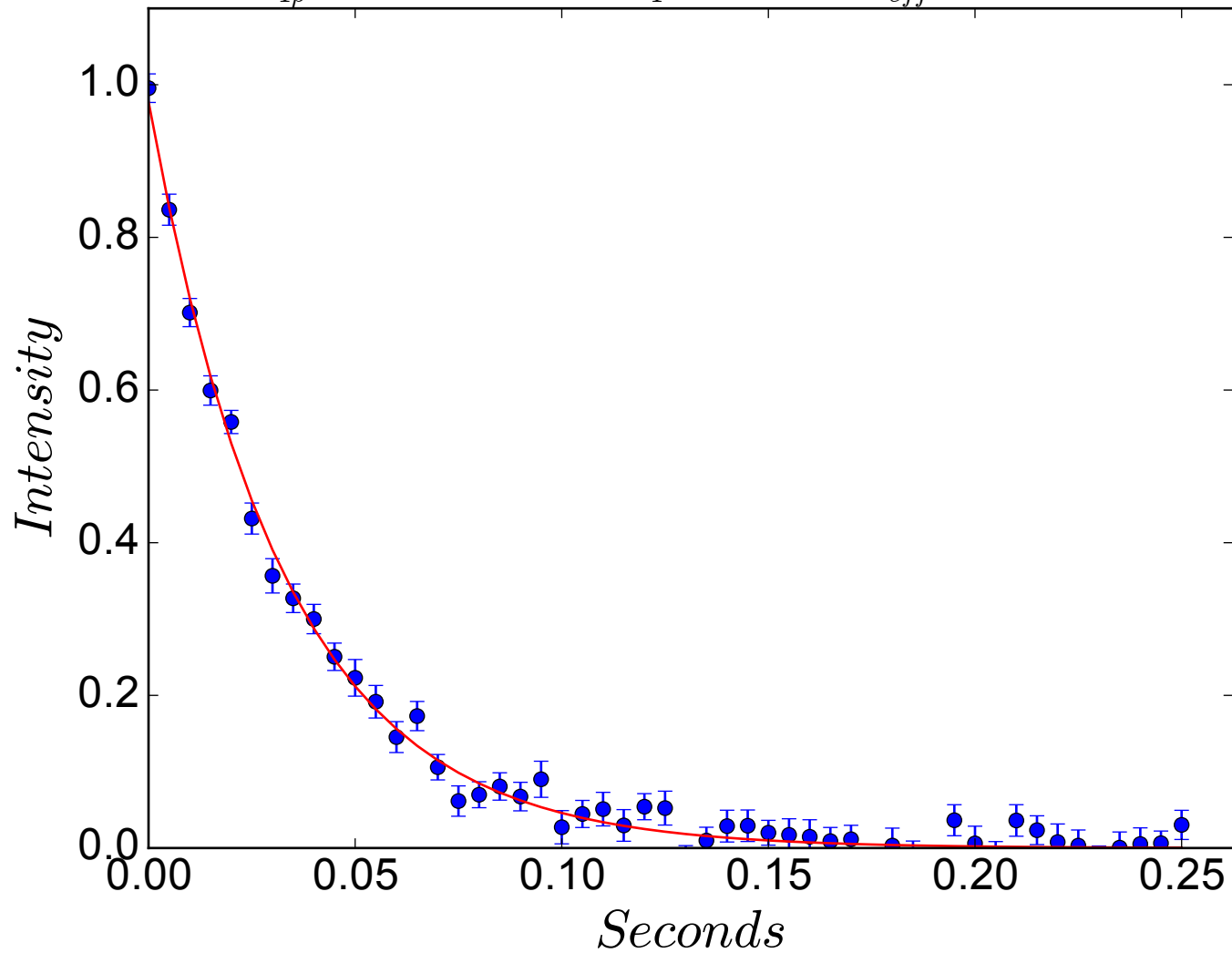
$$R_{1\rho} = 29.0 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -508 \text{ Hz}$$



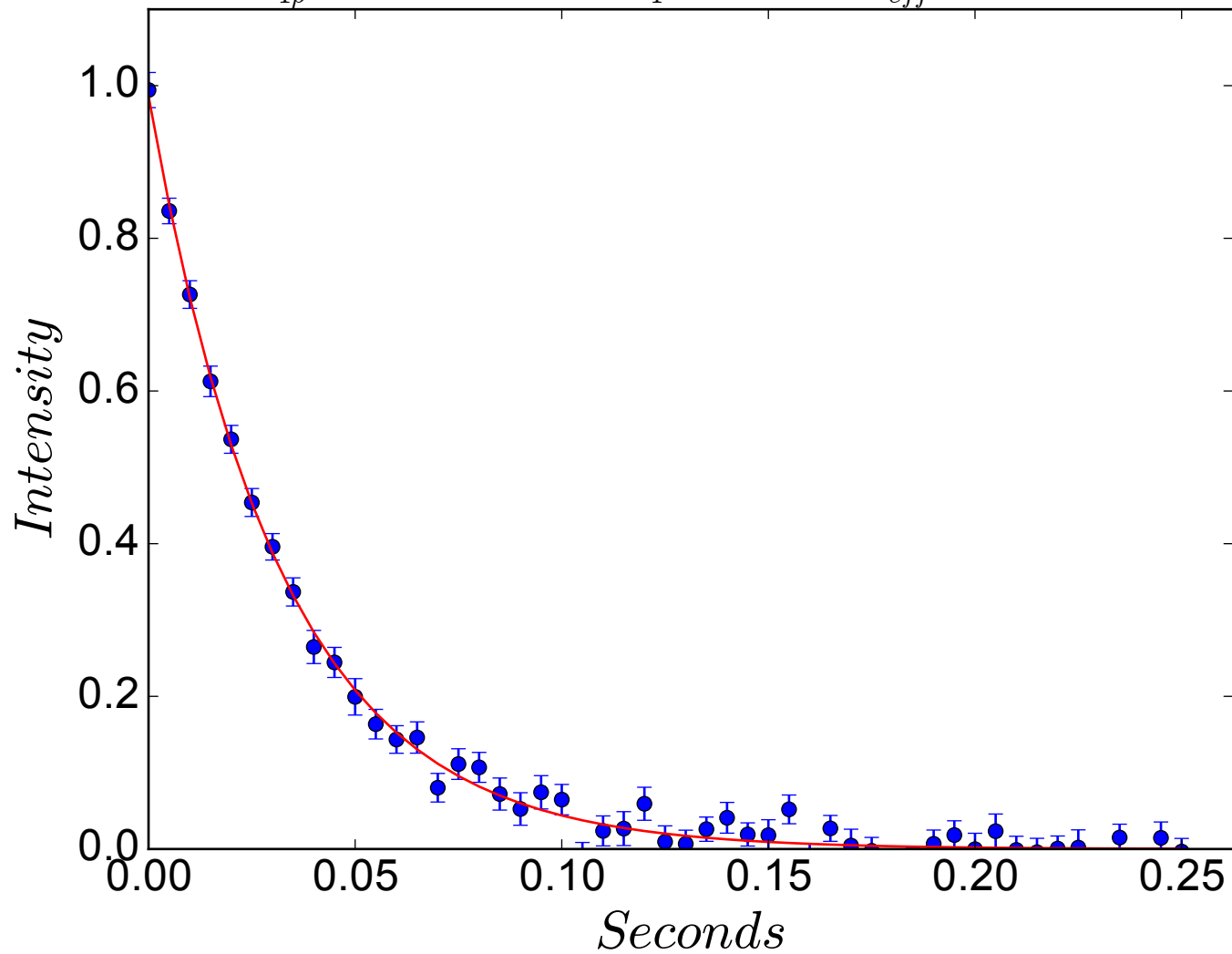
$$R_{1\rho} = 31.5 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -497 \text{ Hz}$$



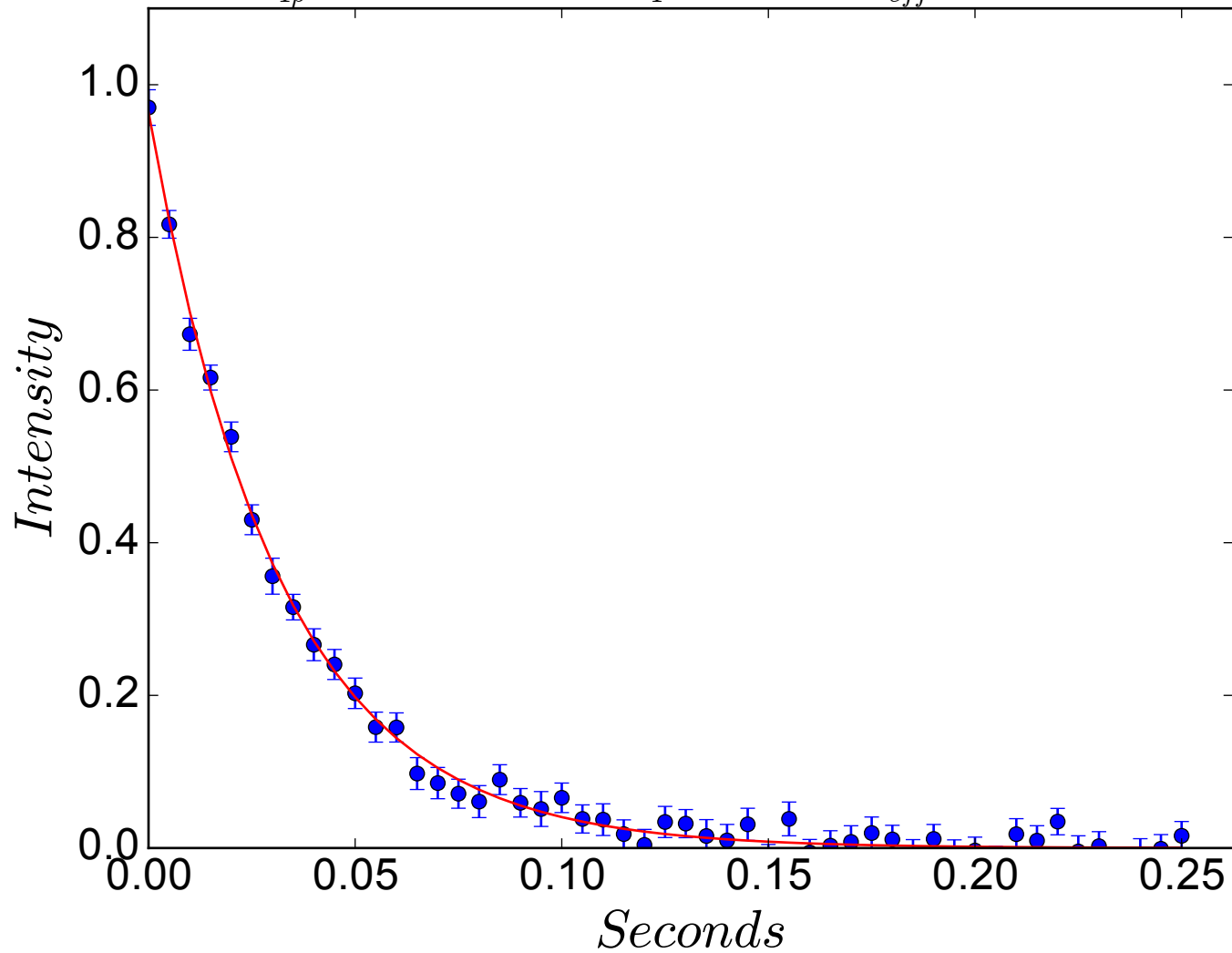
$$R_{1\rho} = 30.6 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -487 \text{ Hz}$$



$$R_{1\rho} = 31.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -477 \text{ Hz}$$

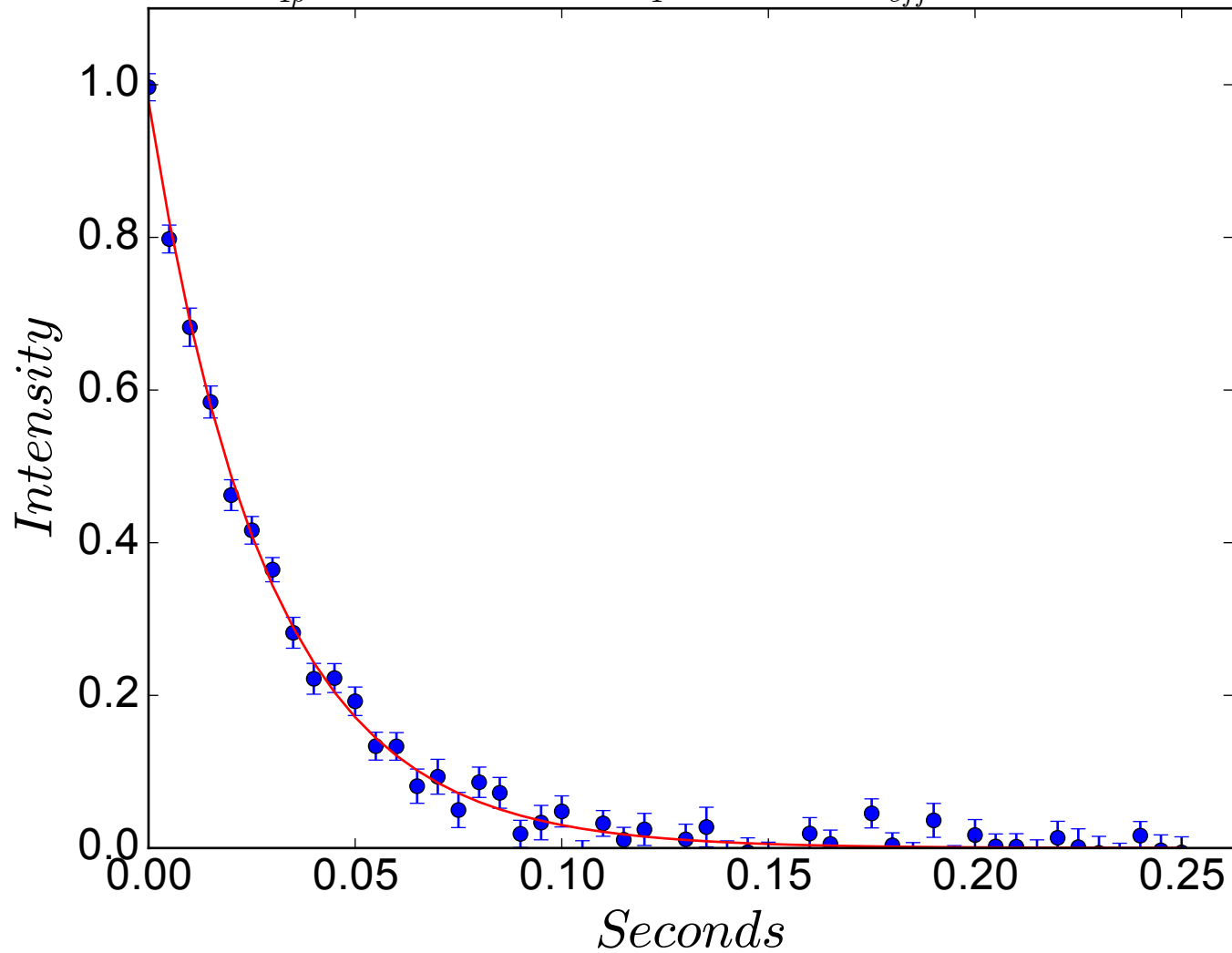


$$R_{1\rho} = 31.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -467 \text{ Hz}$$

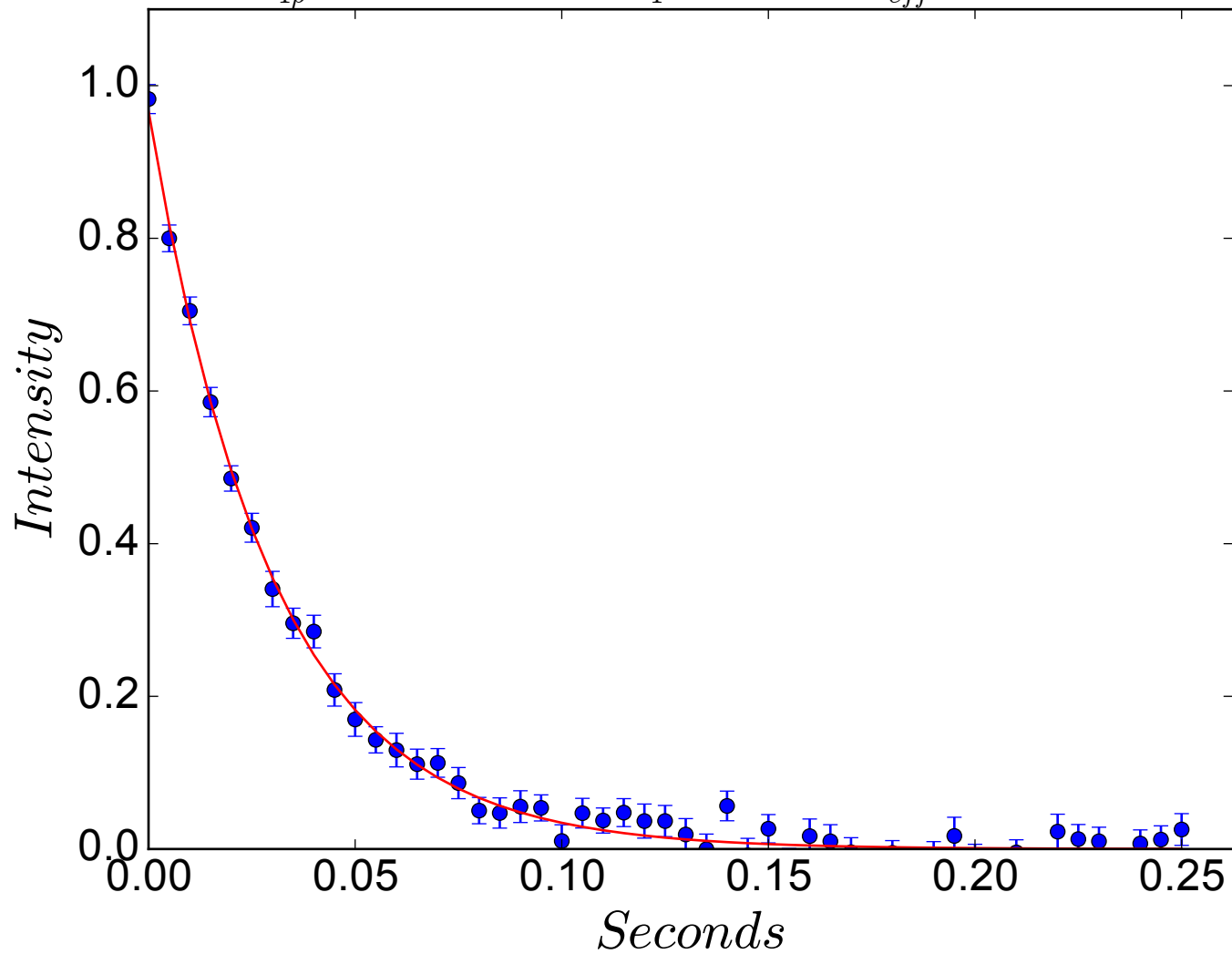




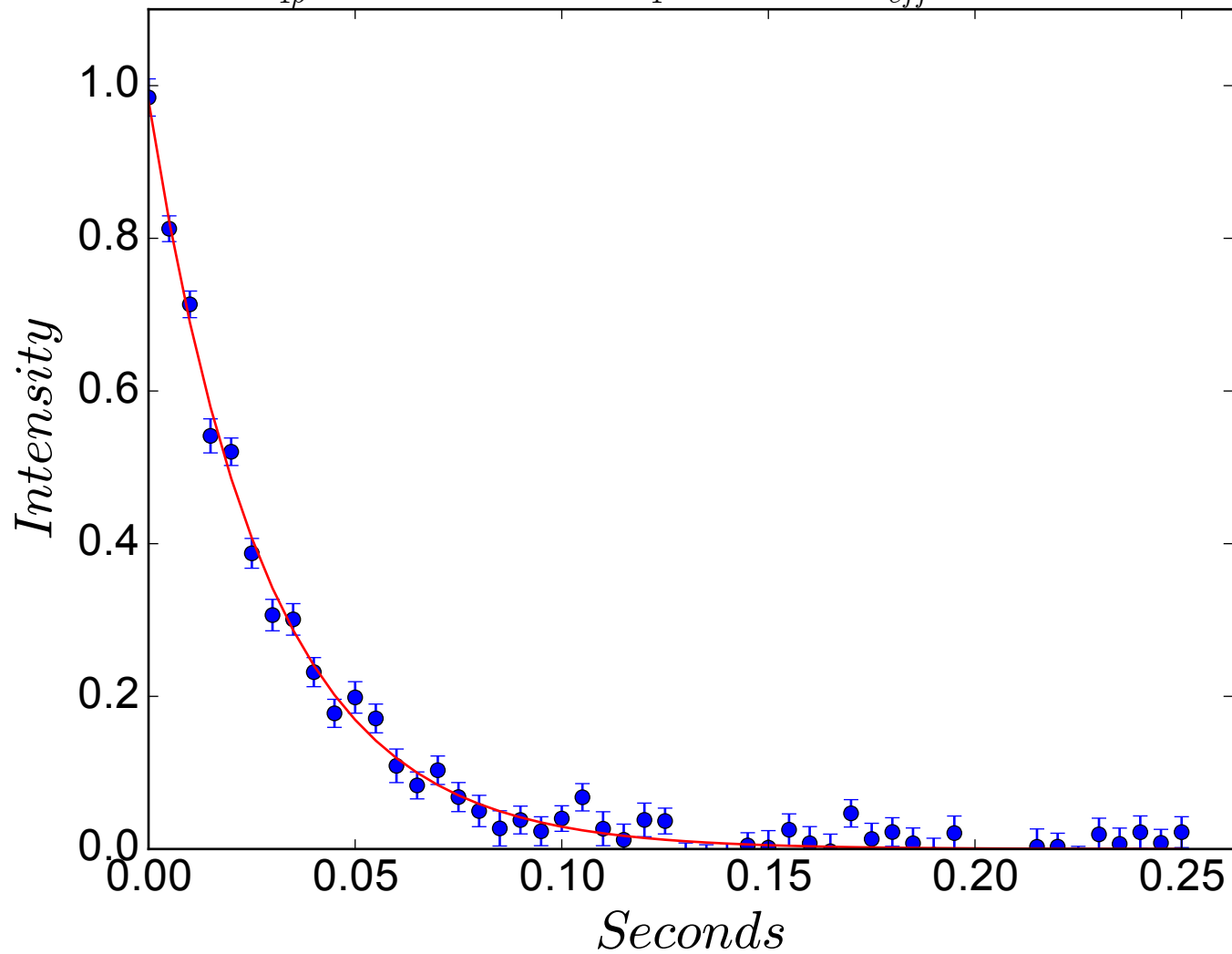
$$R_{1\rho} = 34.8 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -457 \text{ Hz}$$



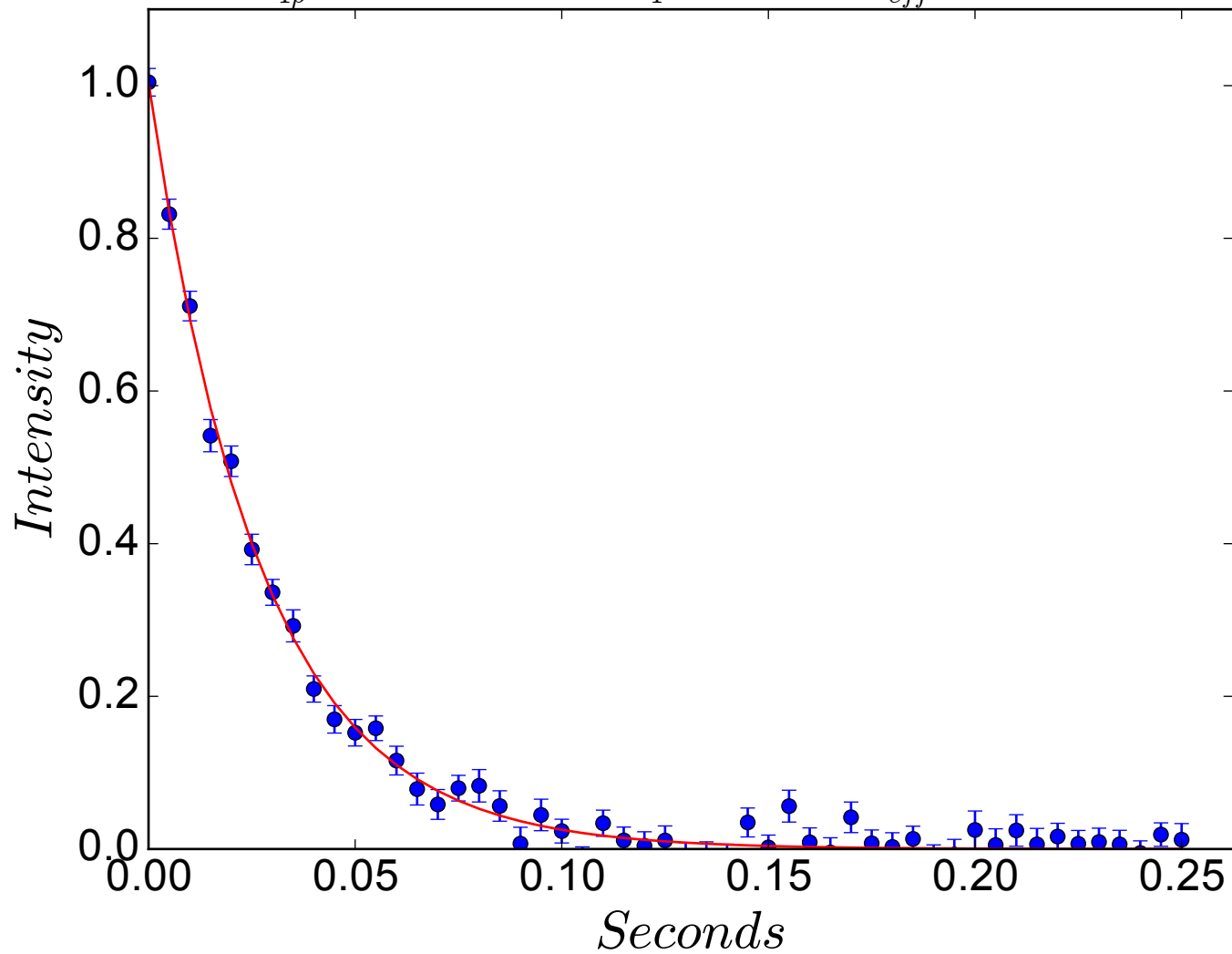
$$R_{1\rho} = 33.4 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -447 \text{ Hz}$$



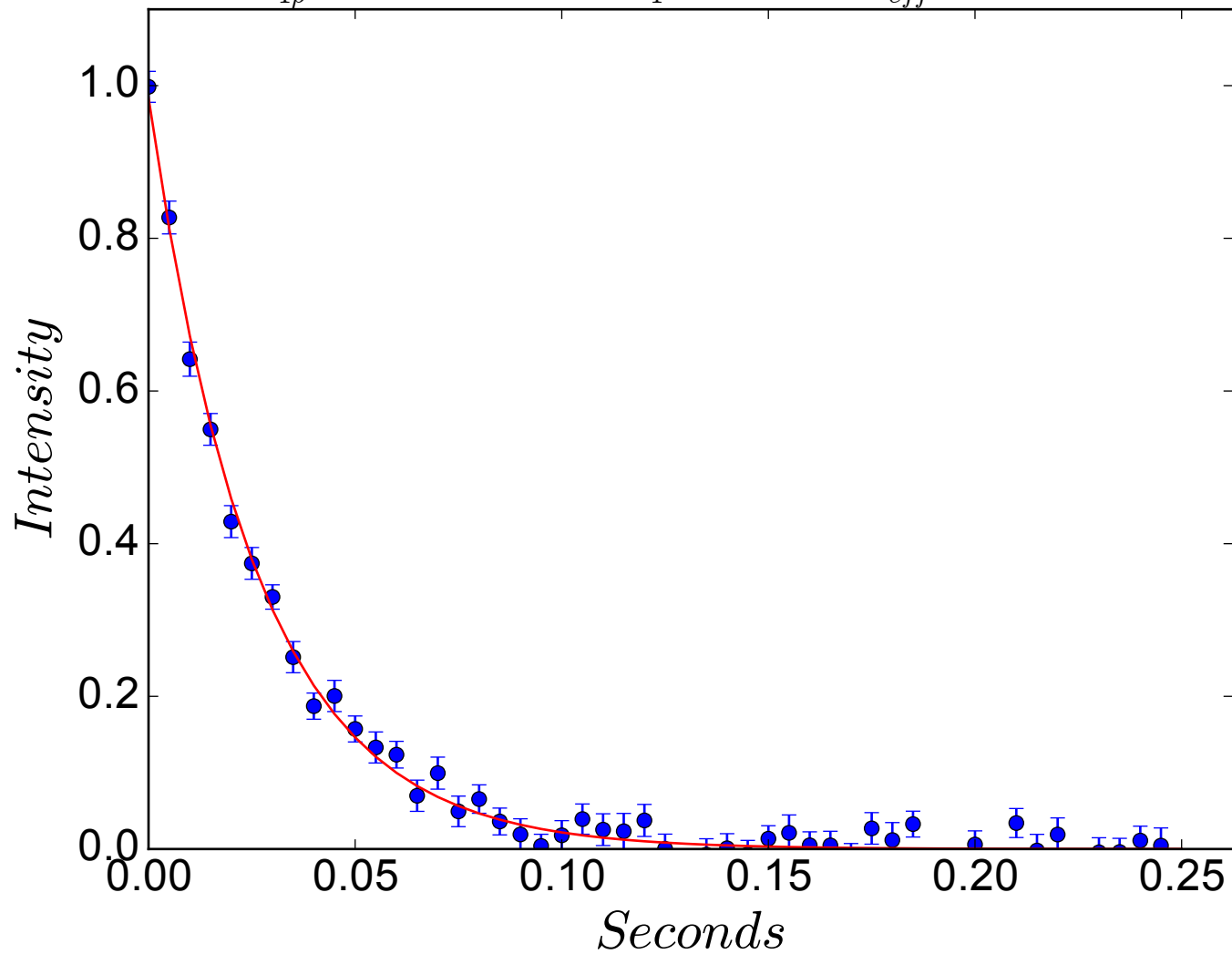
$$R_{1\rho} = 35.1 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -437 \text{ Hz}$$



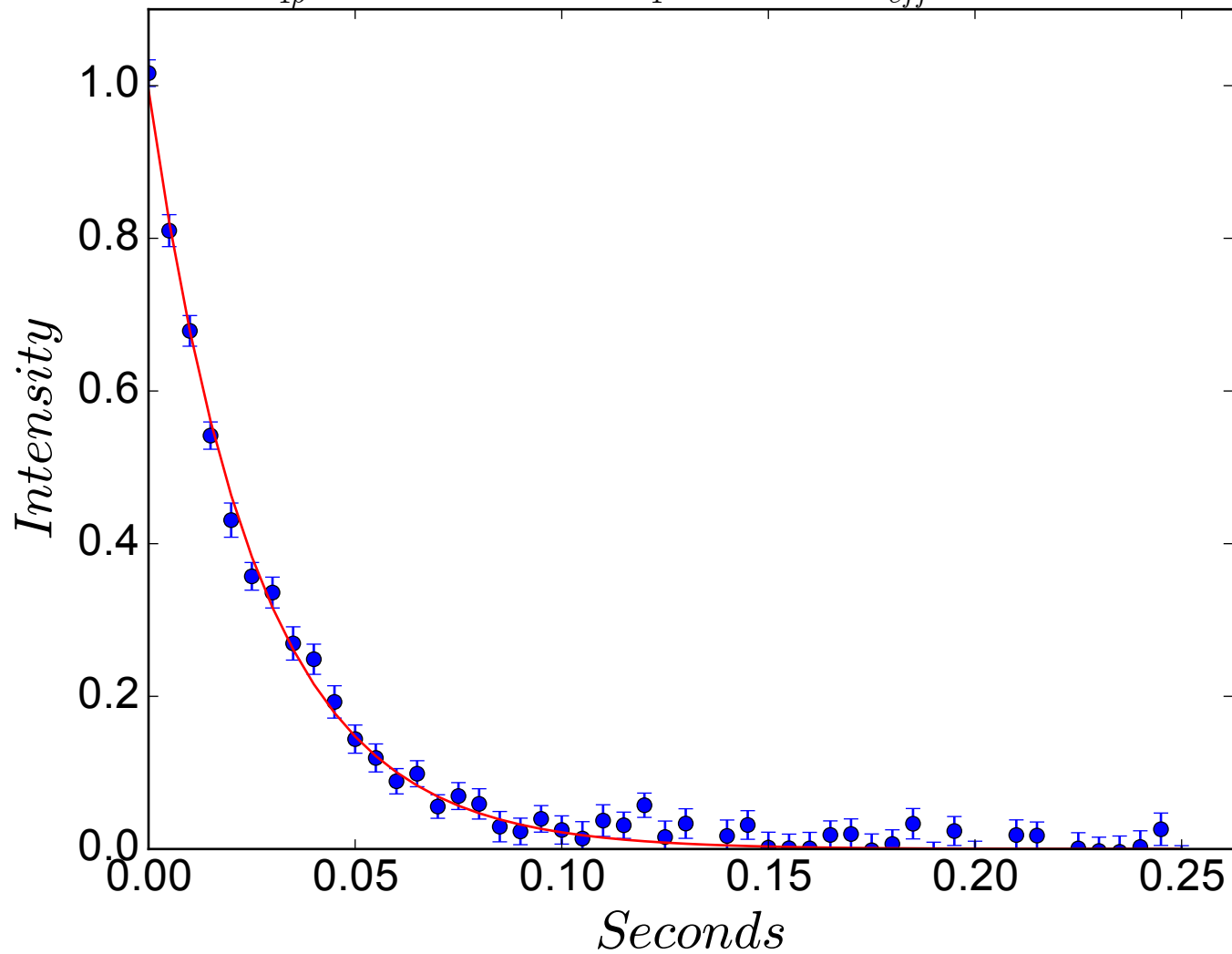
$$R_{1\rho} = 36.8 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -427 \text{ Hz}$$



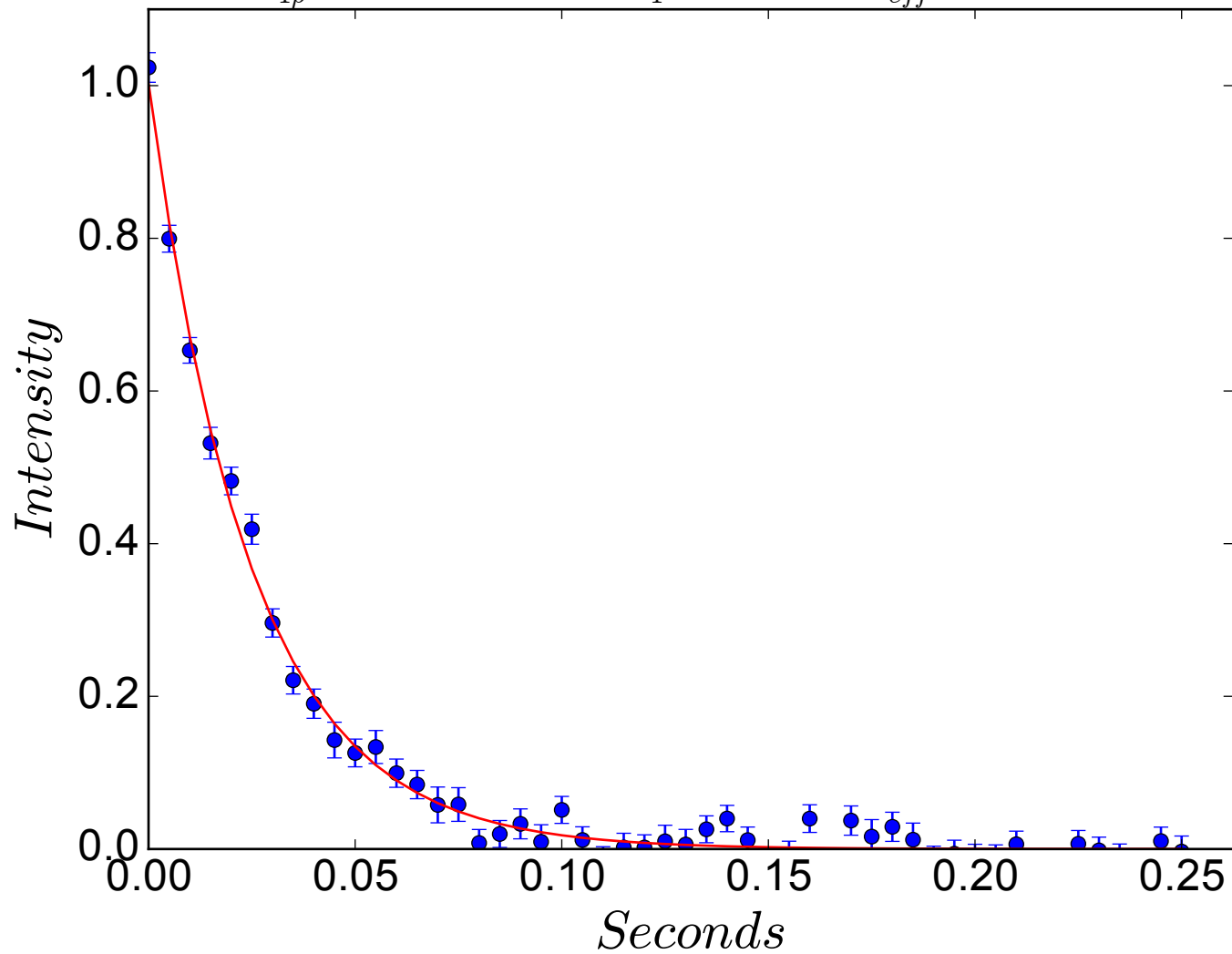
$$R_{1\rho} = 38.1 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -417 \text{ Hz}$$



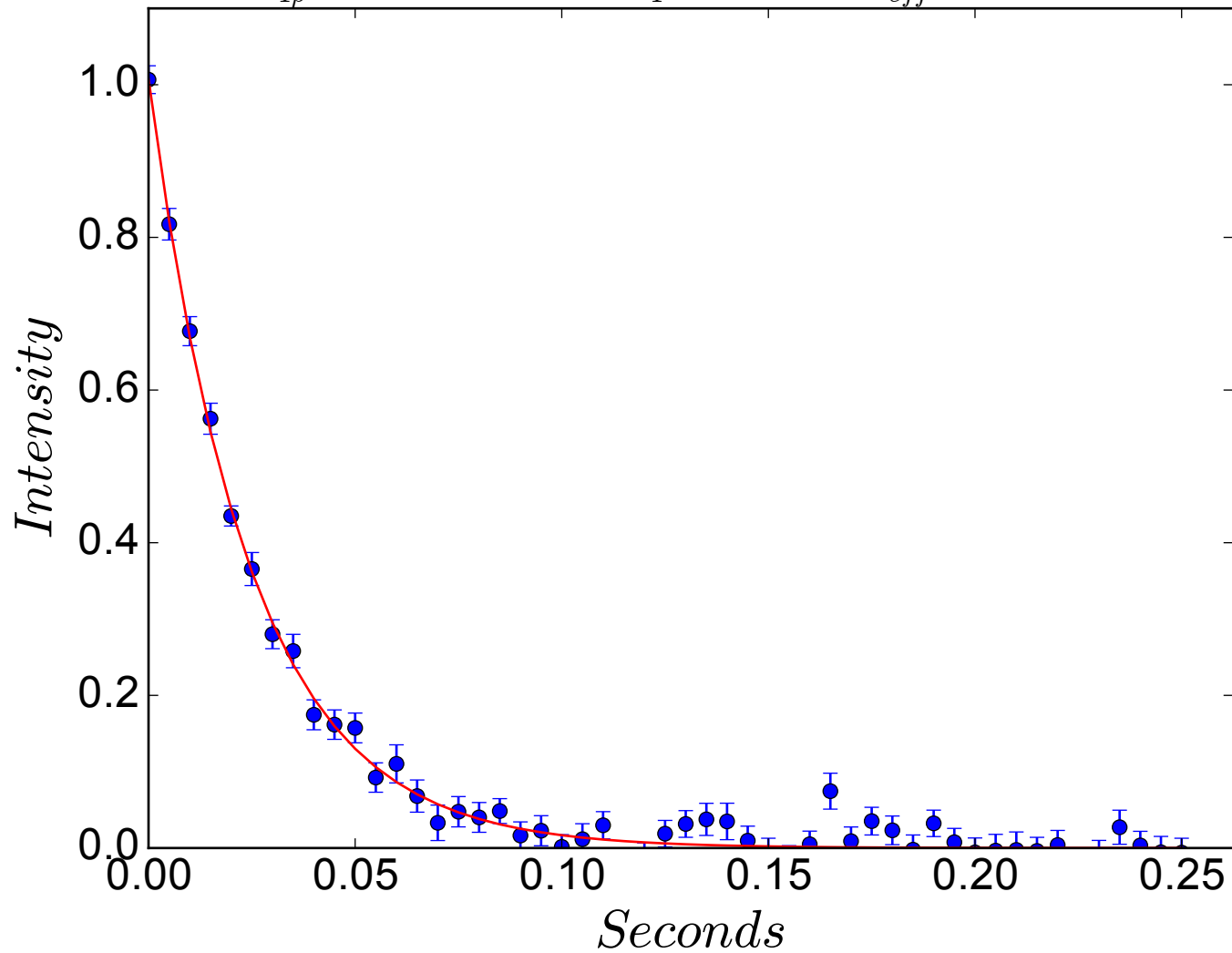
$$R_{1\rho} = 38.2 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -407 \text{ Hz}$$



$$R_{1\rho} = 40.2 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -397 \text{ Hz}$$

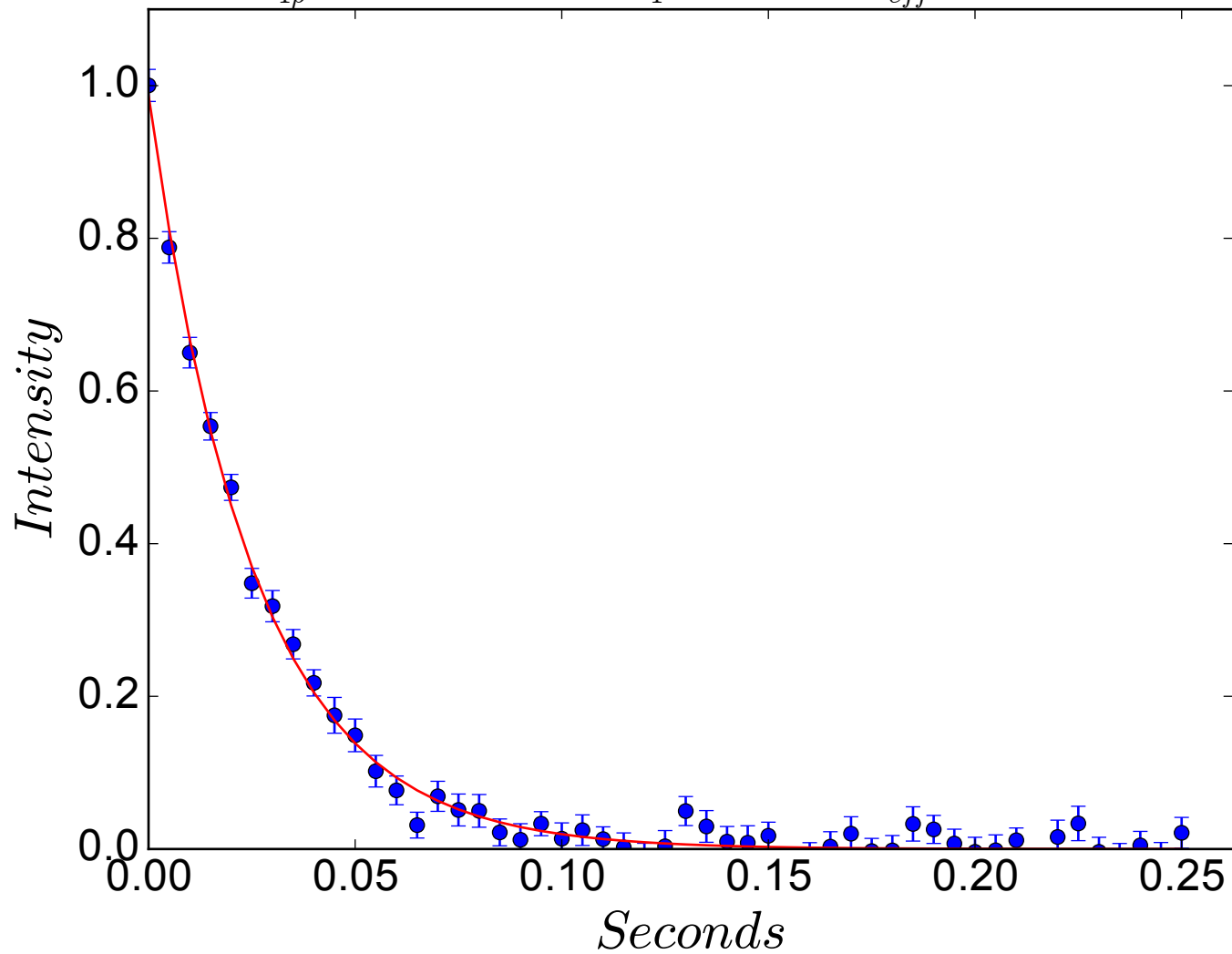


$$R_{1\rho} = 40.9 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -387 \text{ Hz}$$

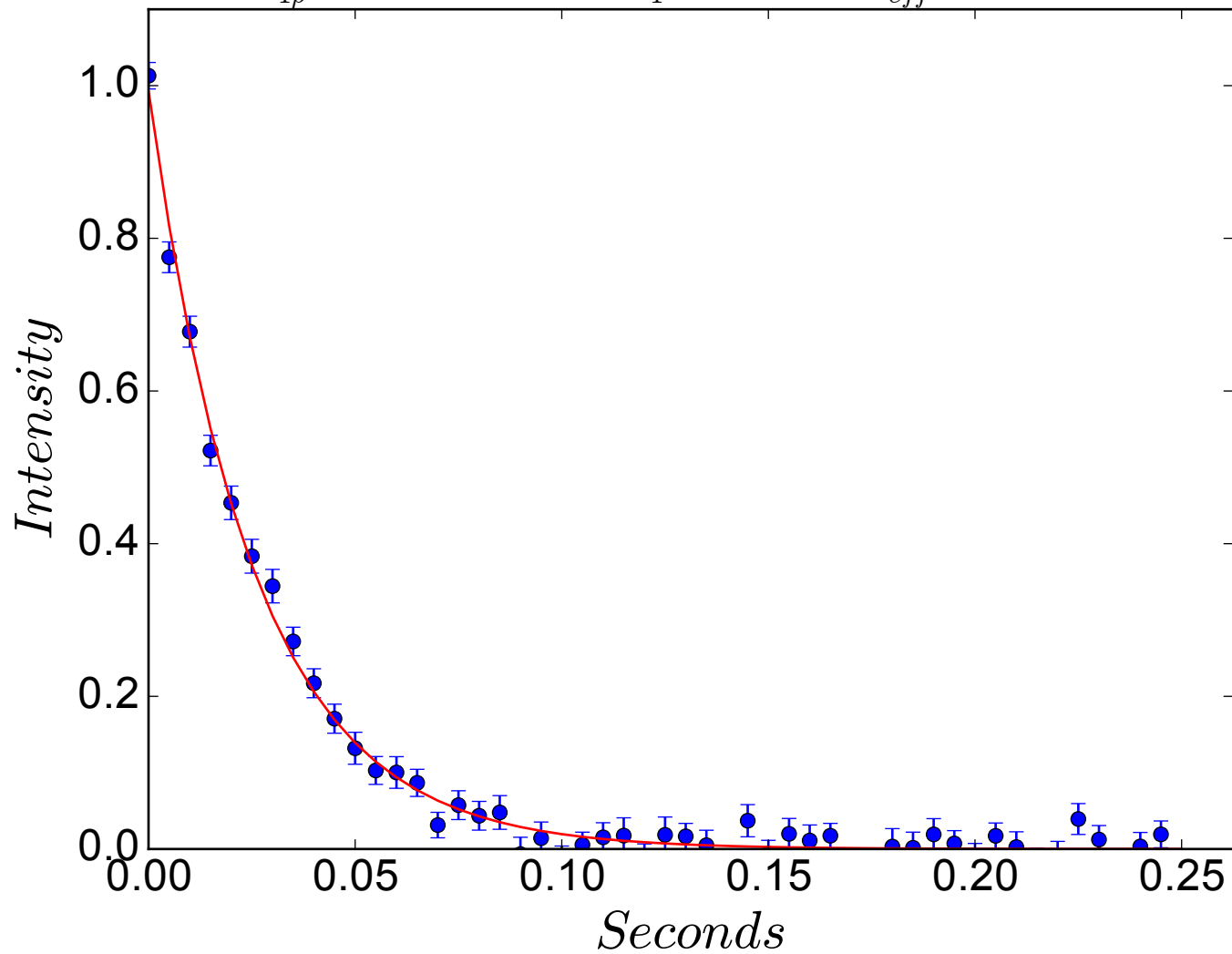




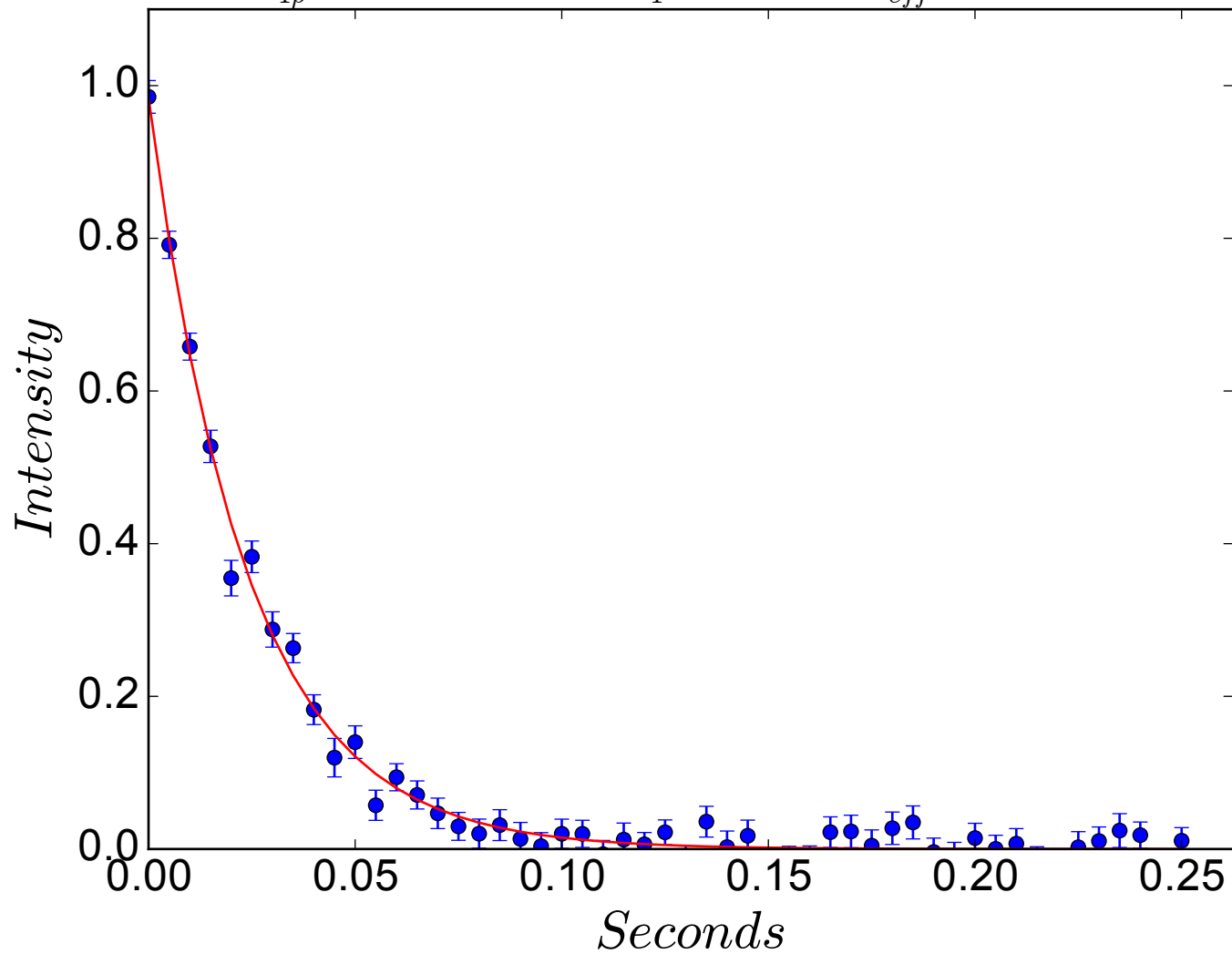
$$R_{1\rho} = 39.3 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -377 \text{ Hz}$$



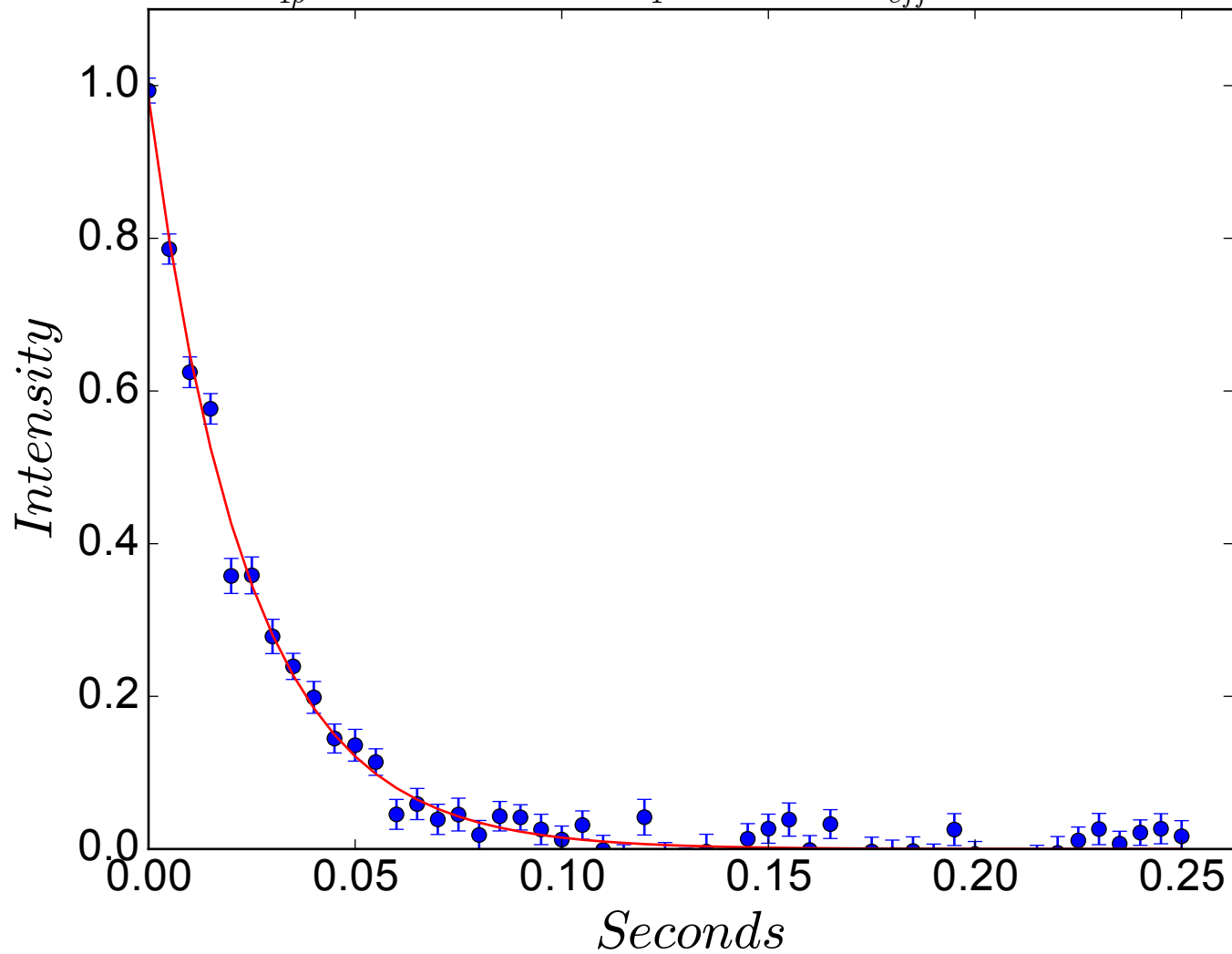
$$R_{1\rho} = 39.3 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -367 \text{ Hz}$$



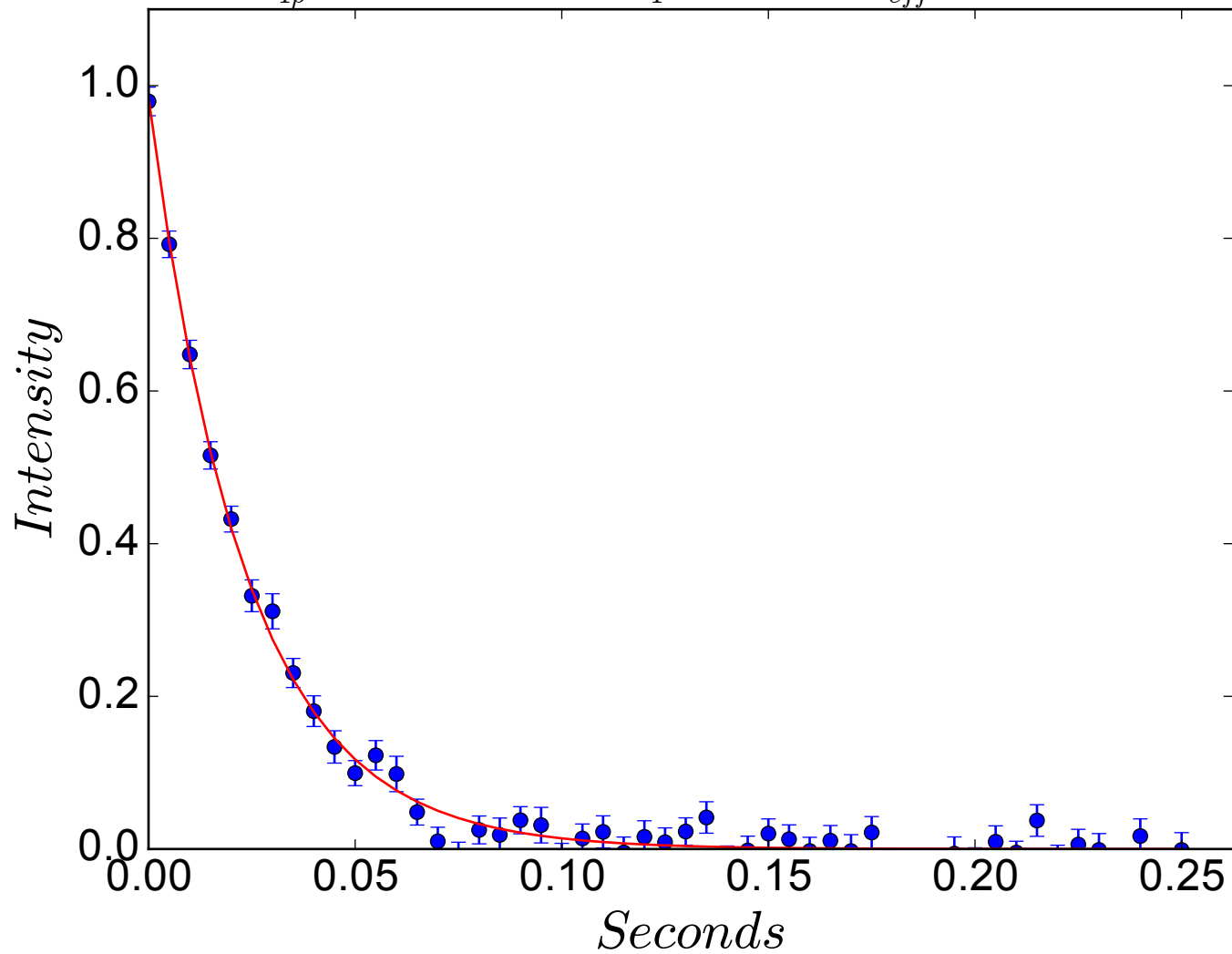
$$R_{1\rho} = 41.9 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -357 \text{ Hz}$$



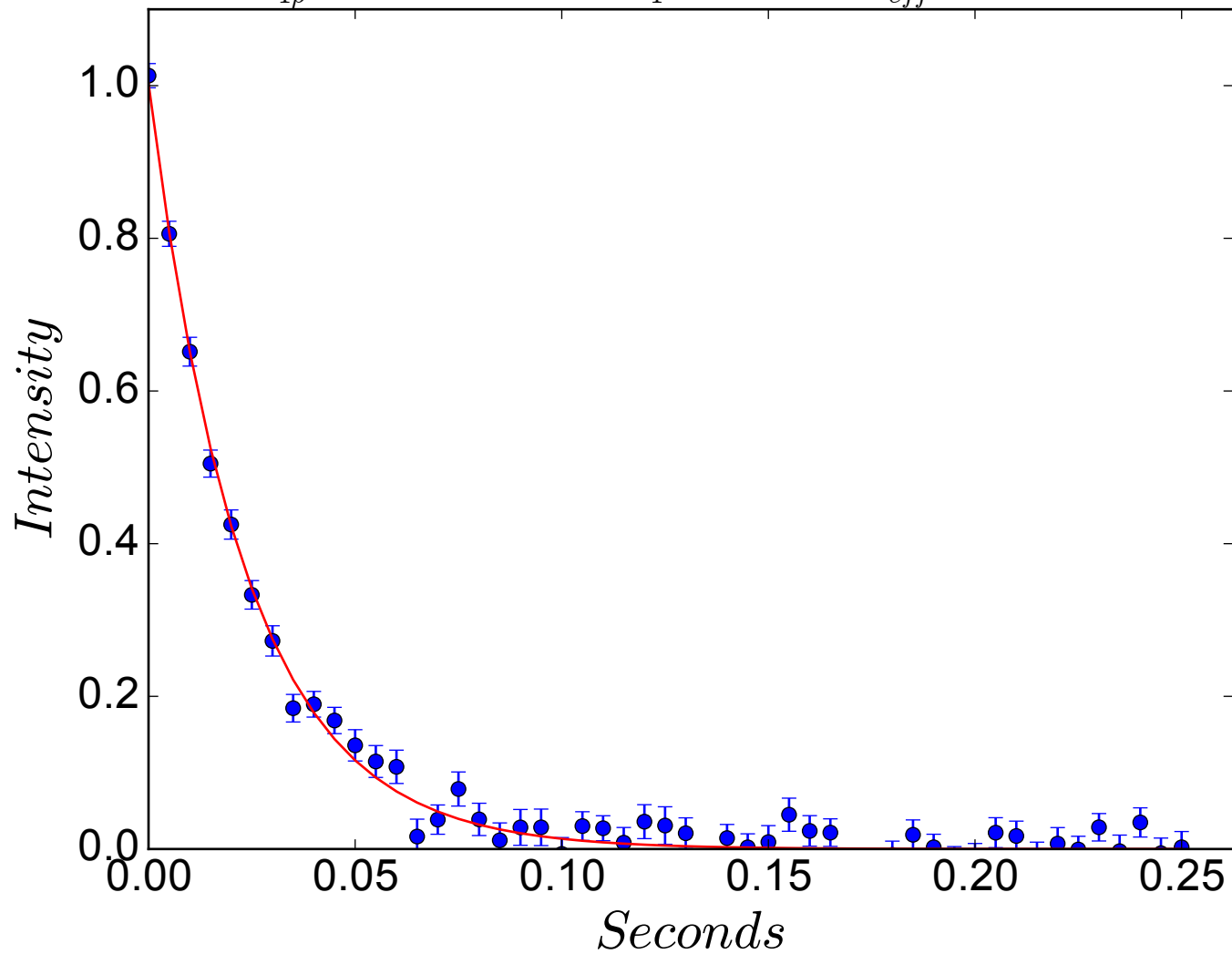
$$R_{1\rho} = 41.9 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -347 \text{ Hz}$$



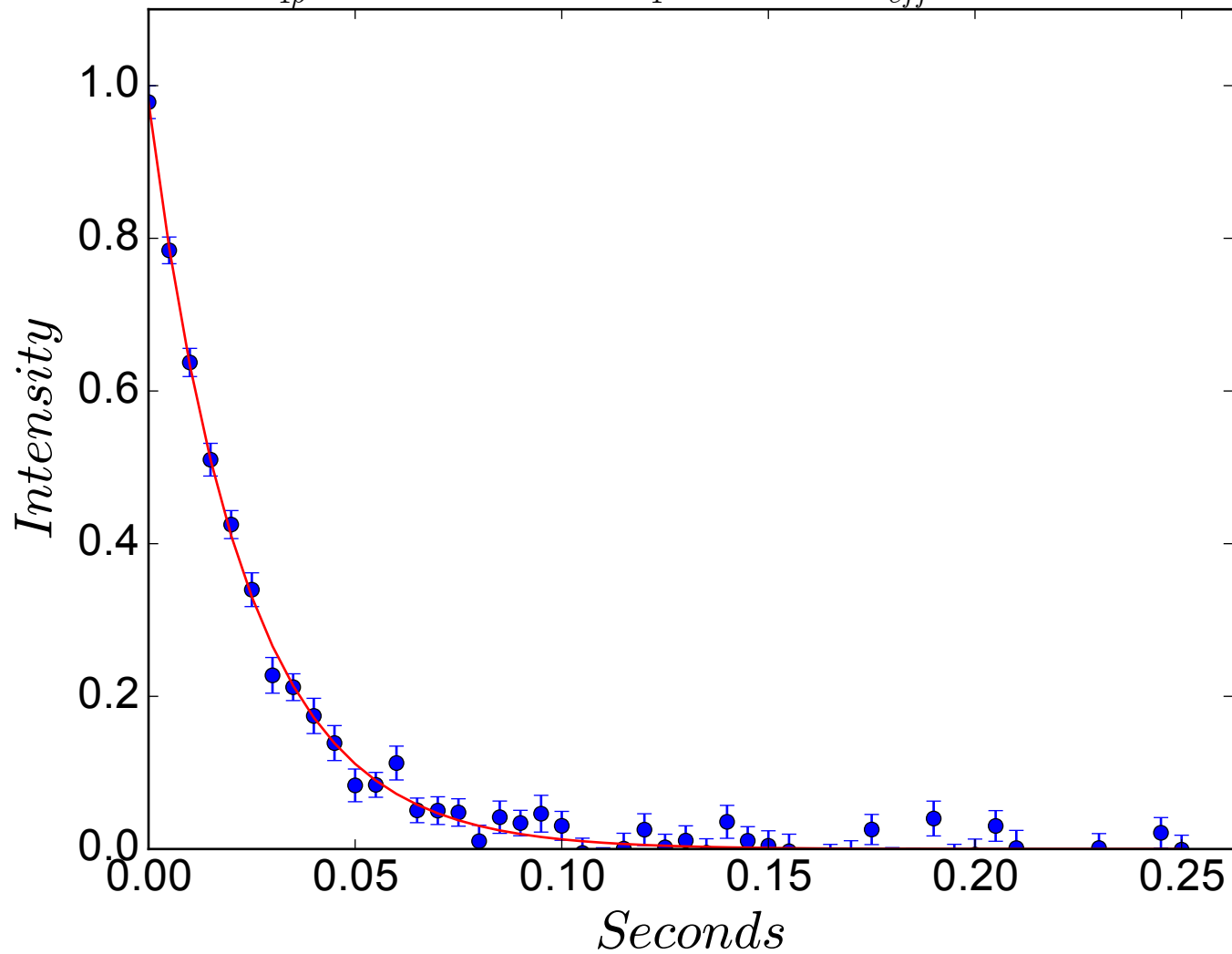
$$R_{1\rho} = 42.5 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -337 \text{ Hz}$$



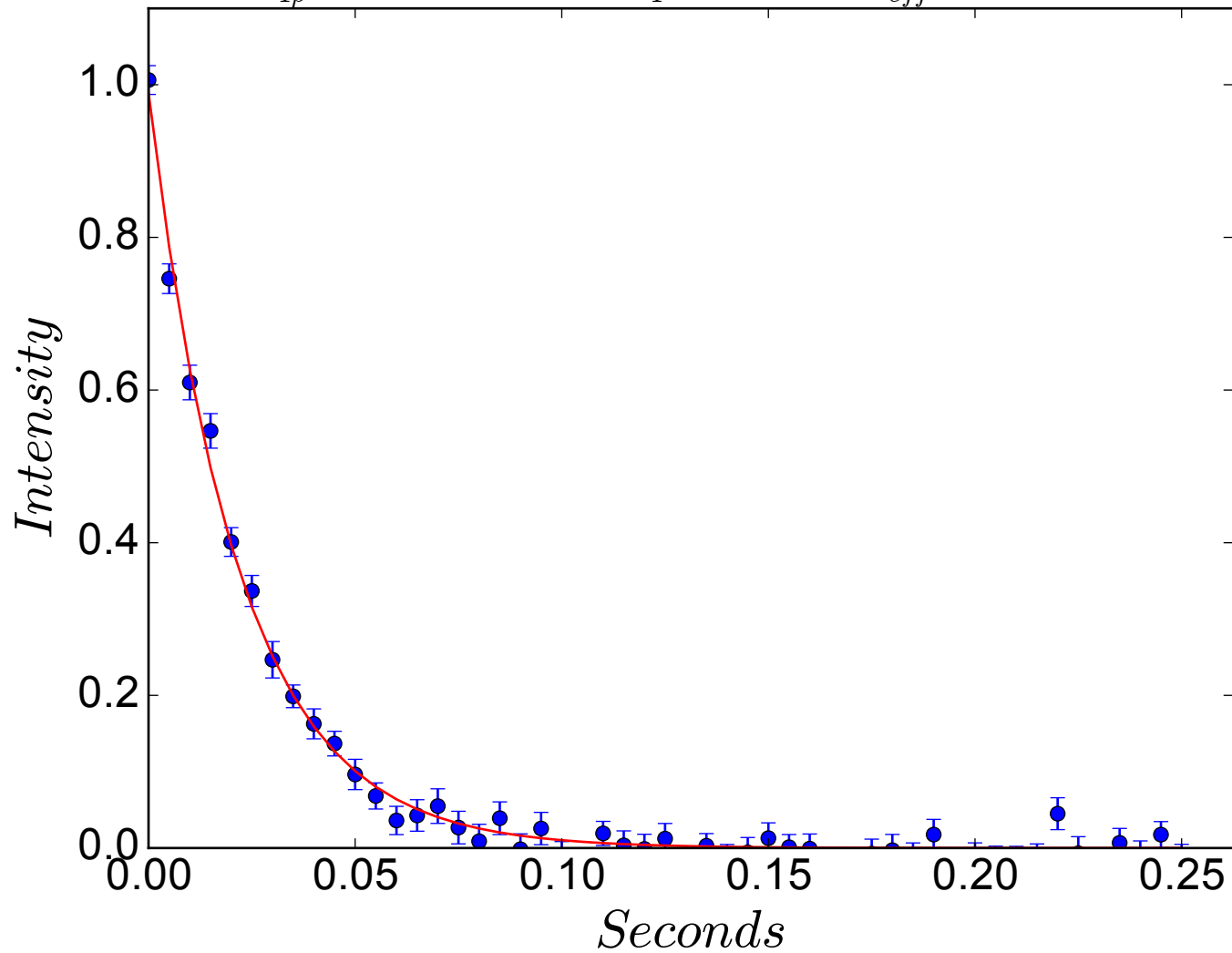
$$R_{1\rho} = 43.1 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -327 \text{ Hz}$$



$$R_{1\rho} = 43.4 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -317 \text{ Hz}$$

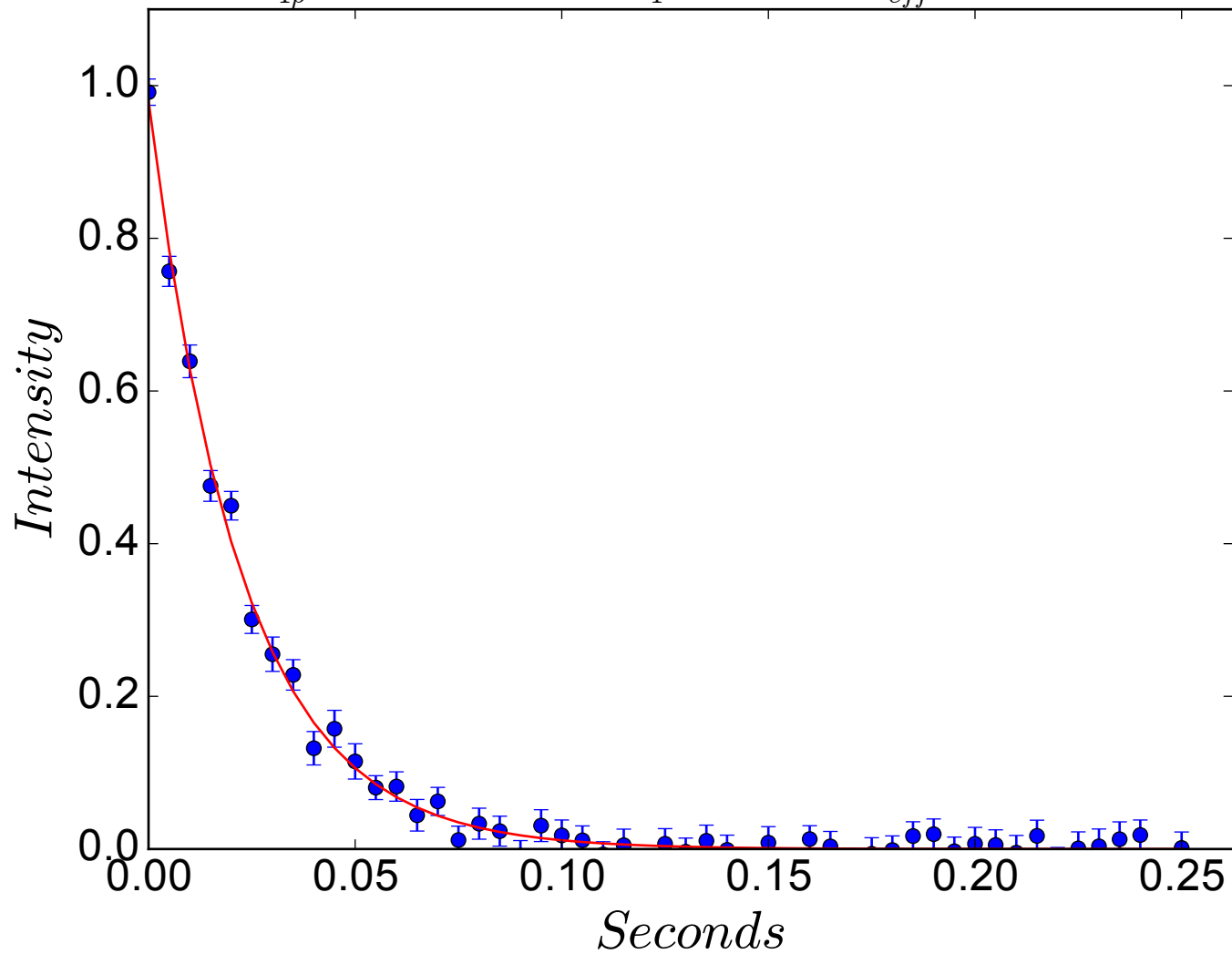


$$R_{1\rho} = 45.7 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -307 \text{ Hz}$$

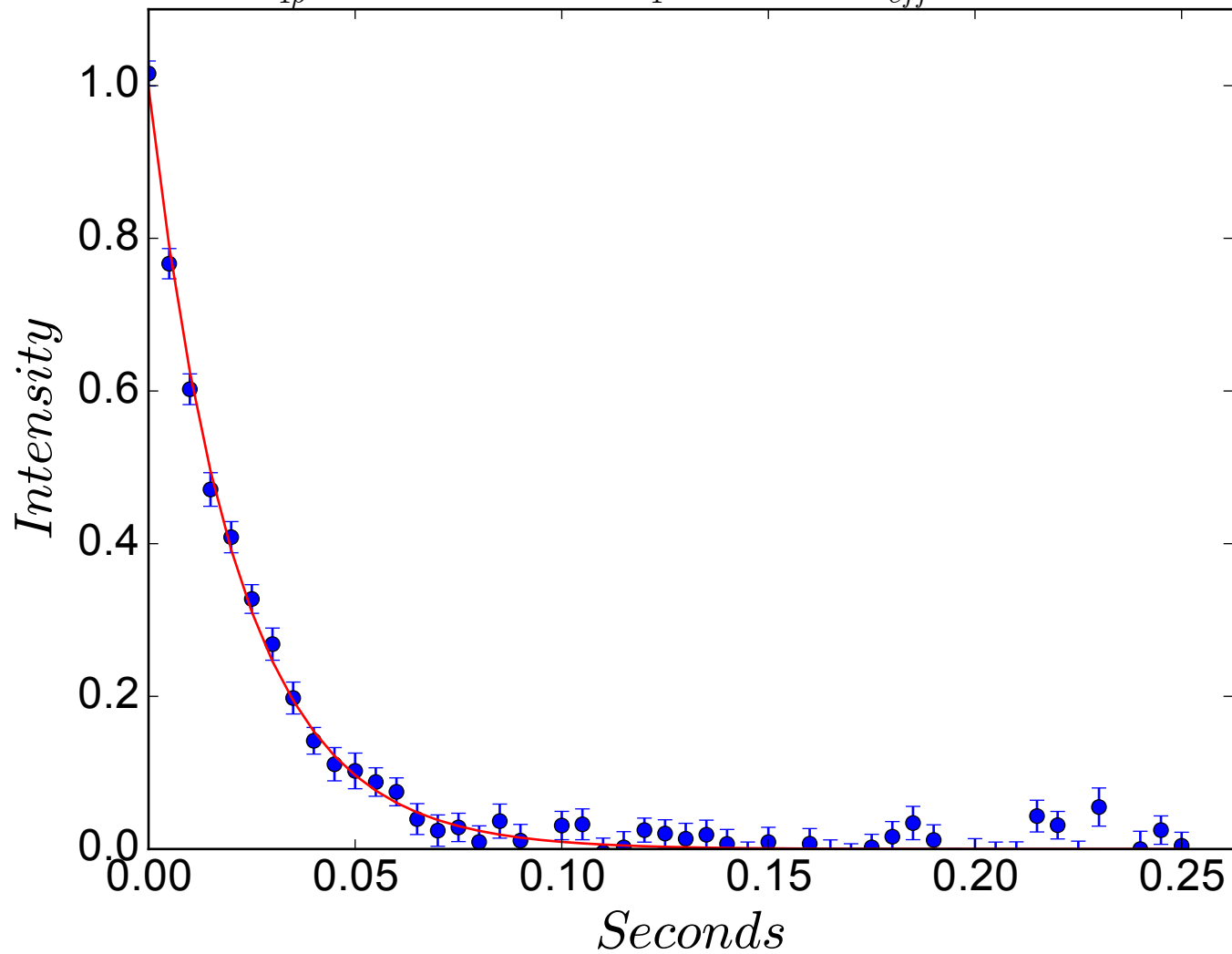




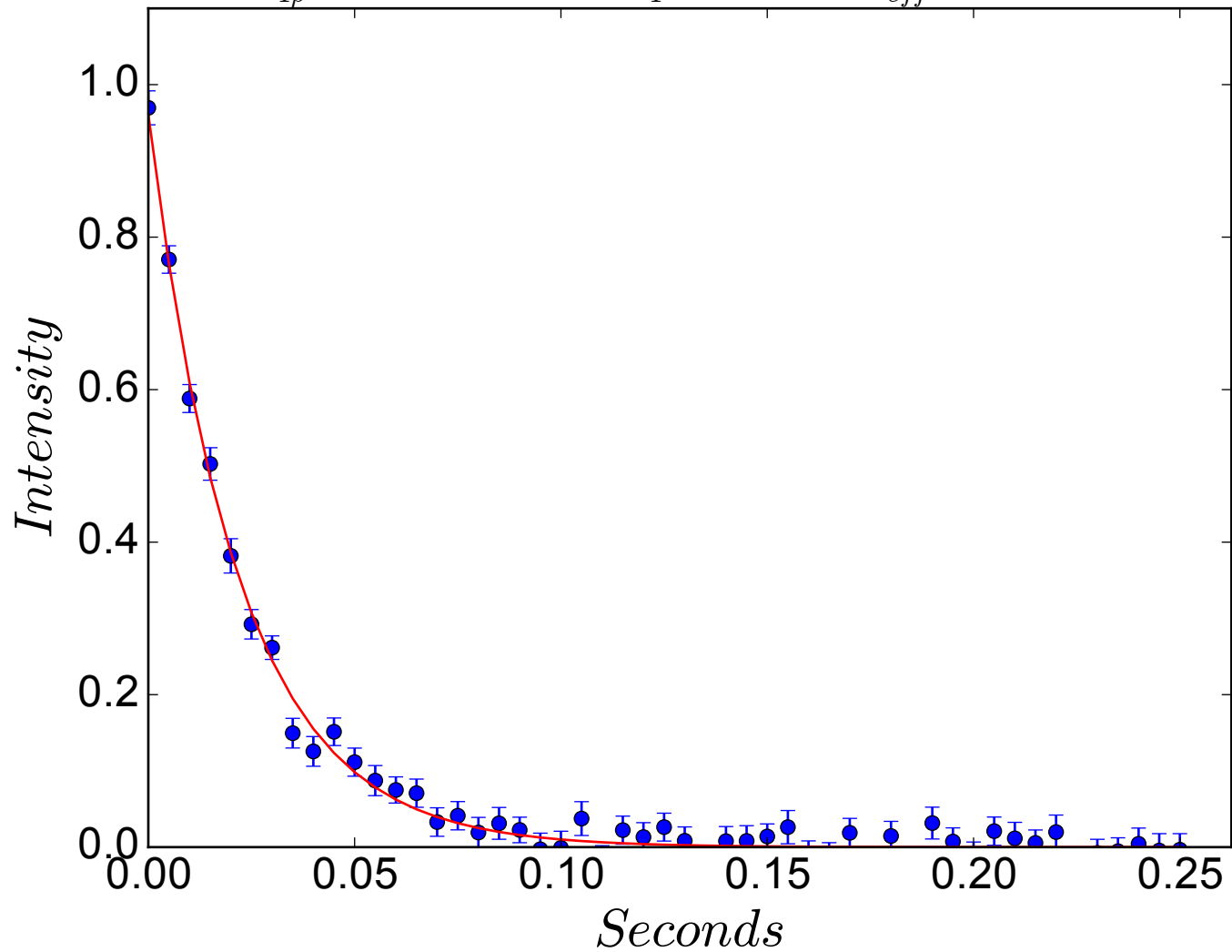
$$R_{1\rho} = 44.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -296 \text{ Hz}$$



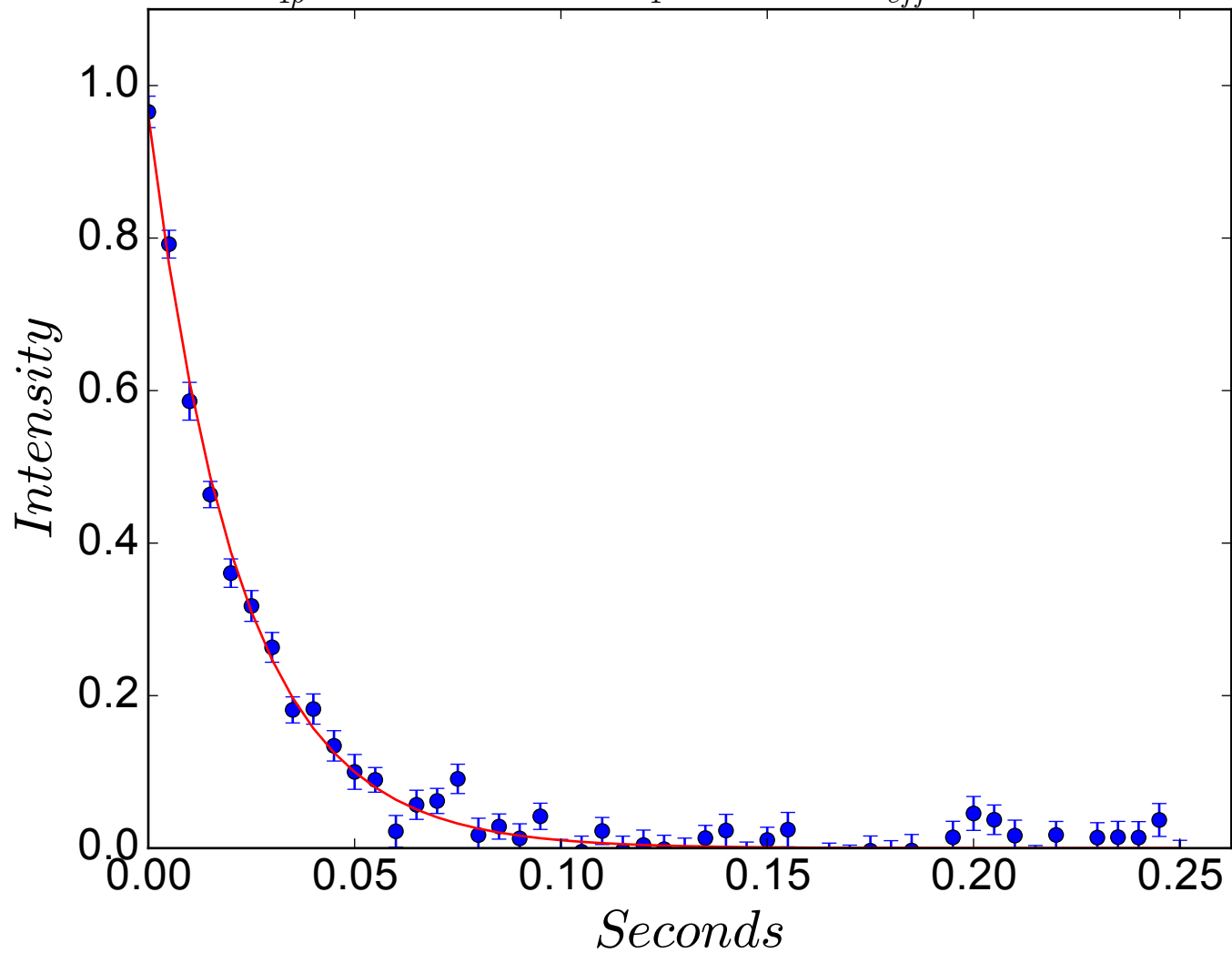
$$R_{1\rho} = 46.7 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -286 \text{ Hz}$$



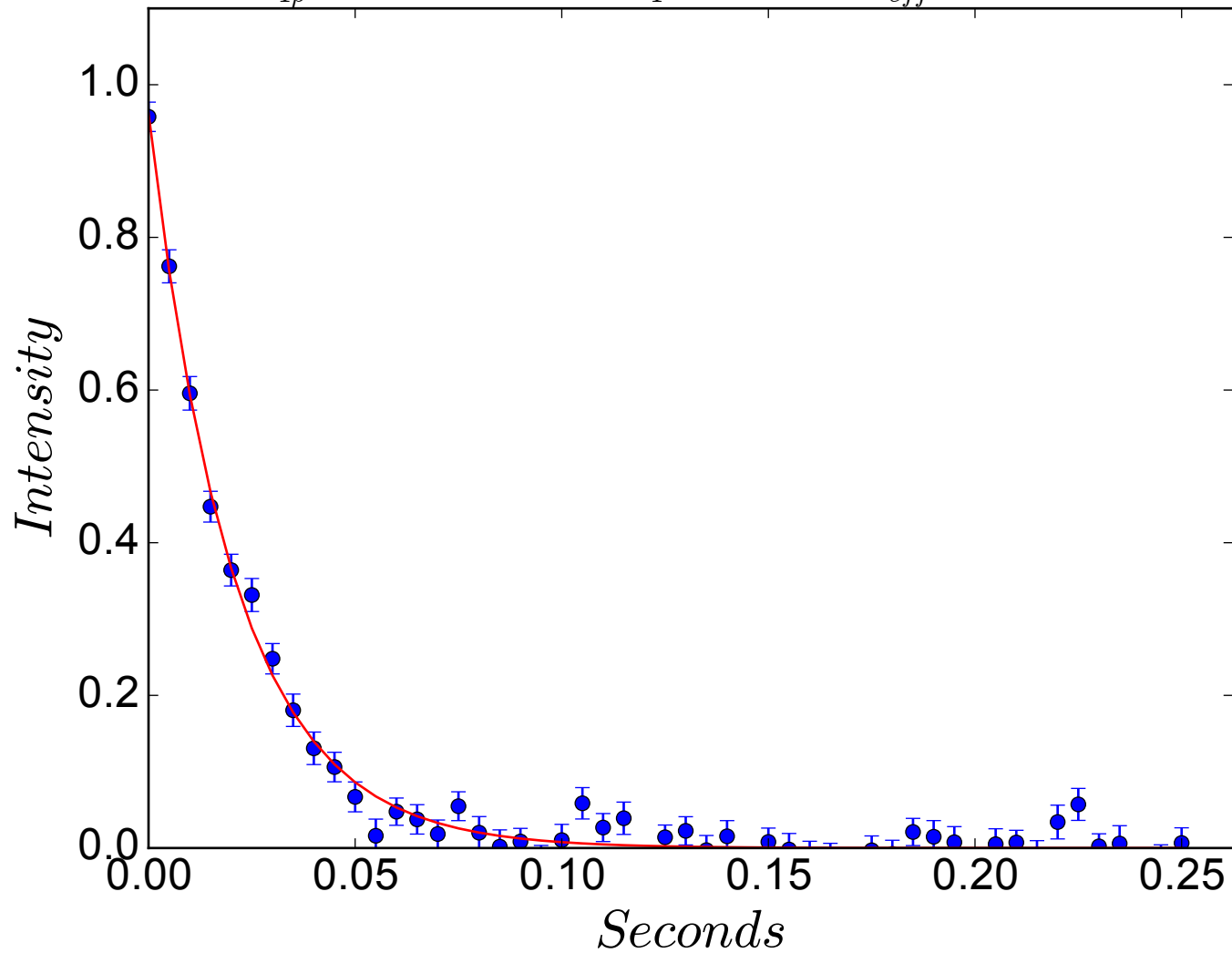
$$R_{1\rho} = 45.6 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -276 \text{ Hz}$$



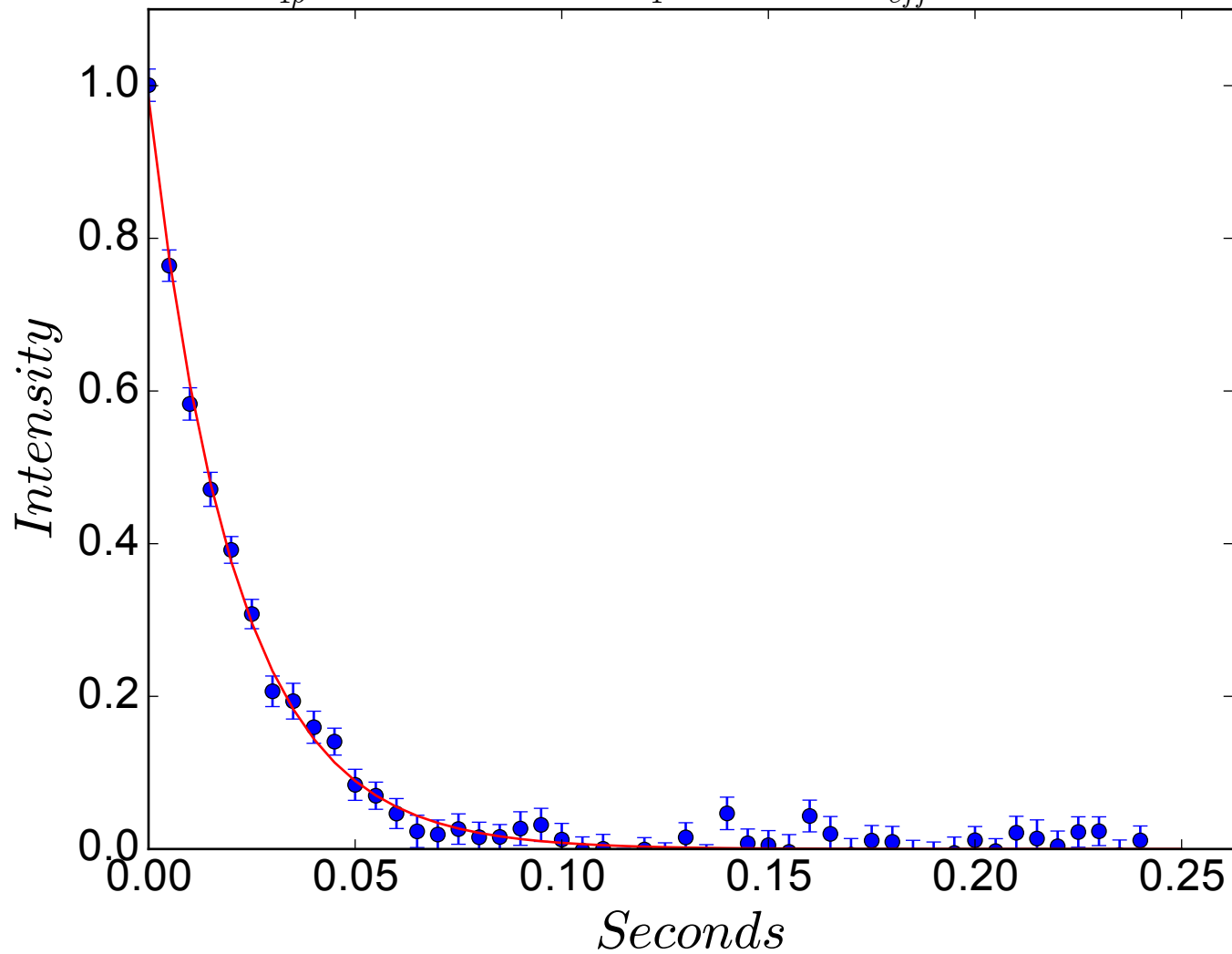
$$R_{1\rho} = 45.3 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -266 \text{ Hz}$$



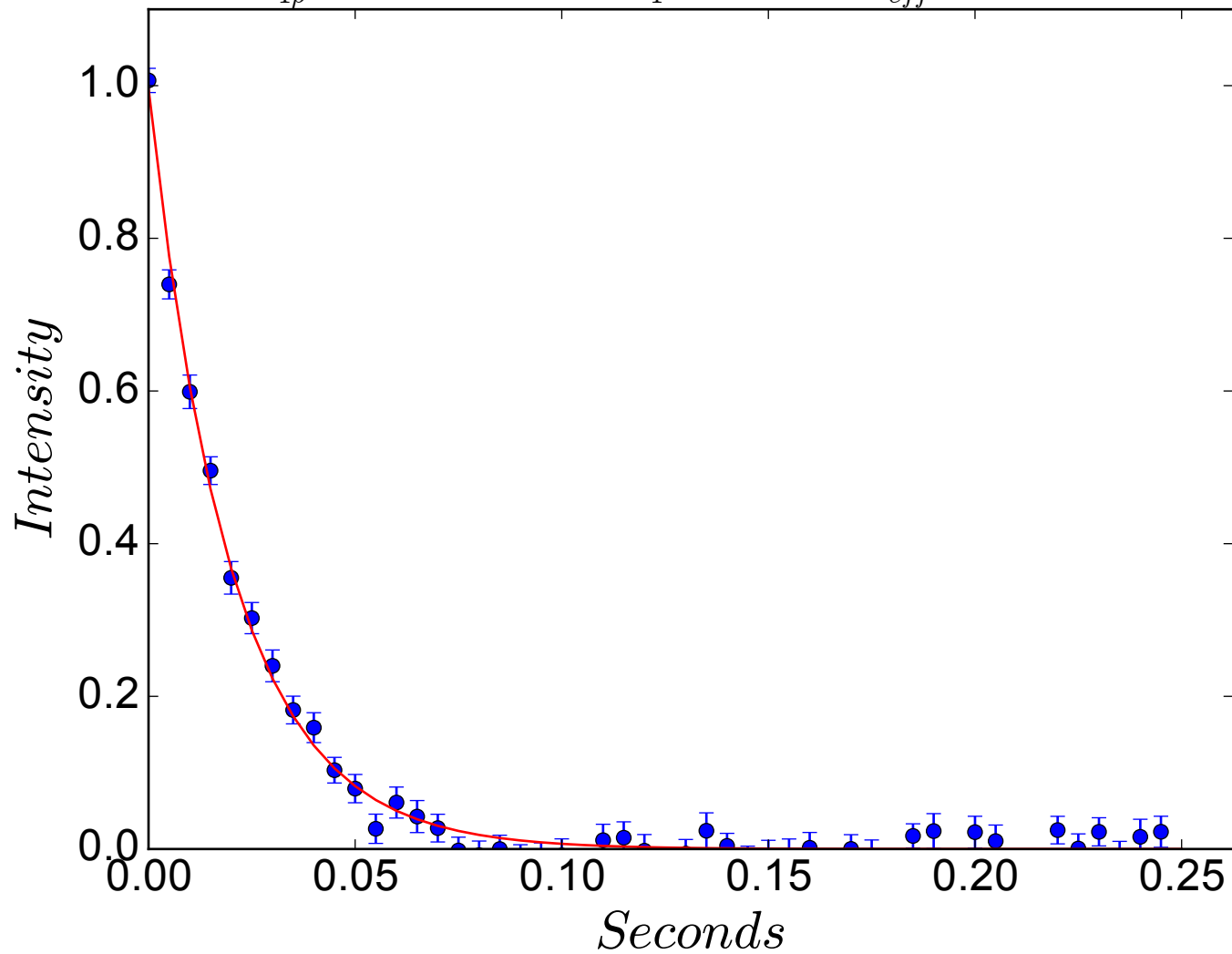
$$R_{1\rho} = 48.3 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -256 \text{ Hz}$$



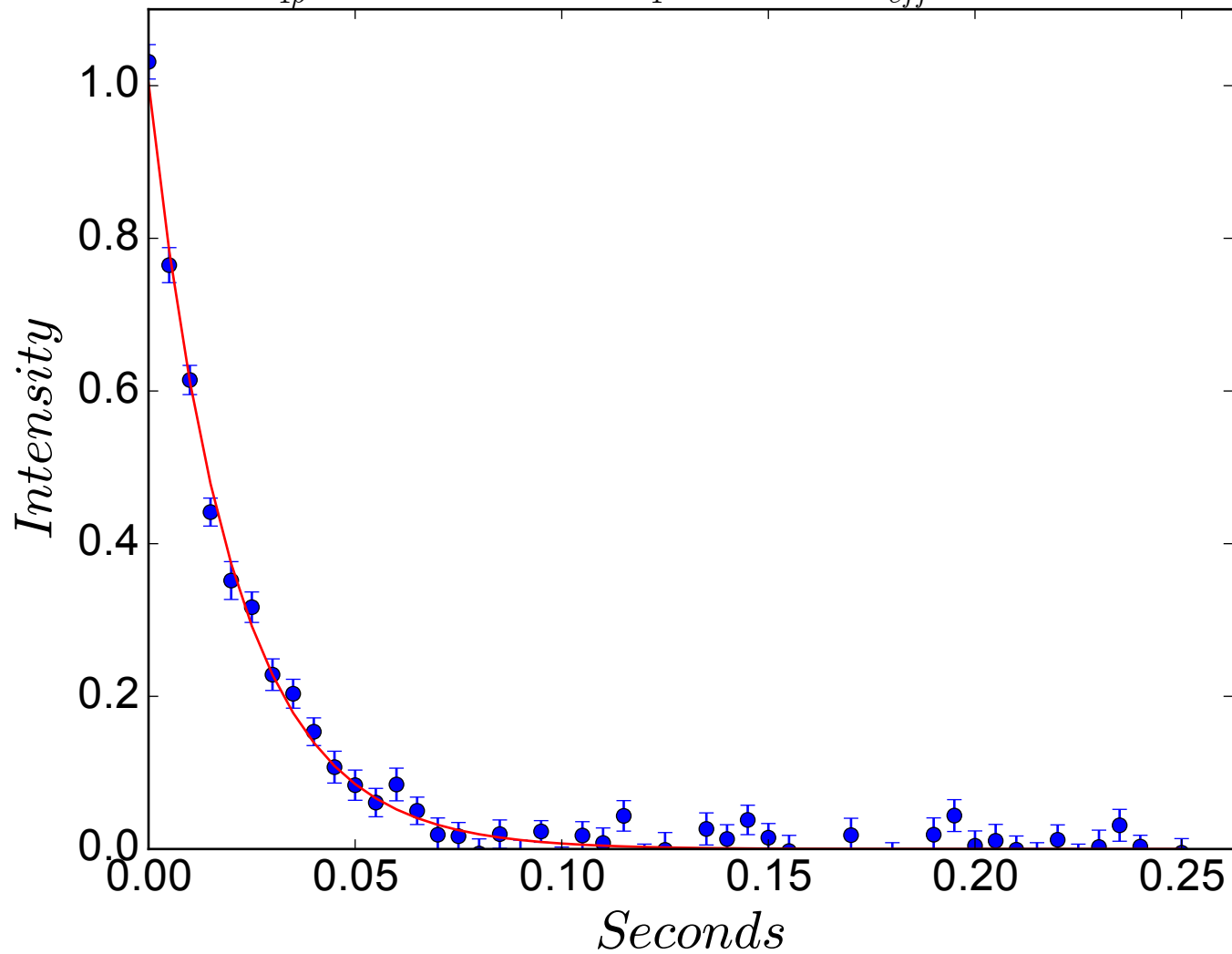
$$R_{1\rho} = 48.0 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -246 \text{ Hz}$$



$$R_{1\rho} = 49.8 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -236 \text{ Hz}$$

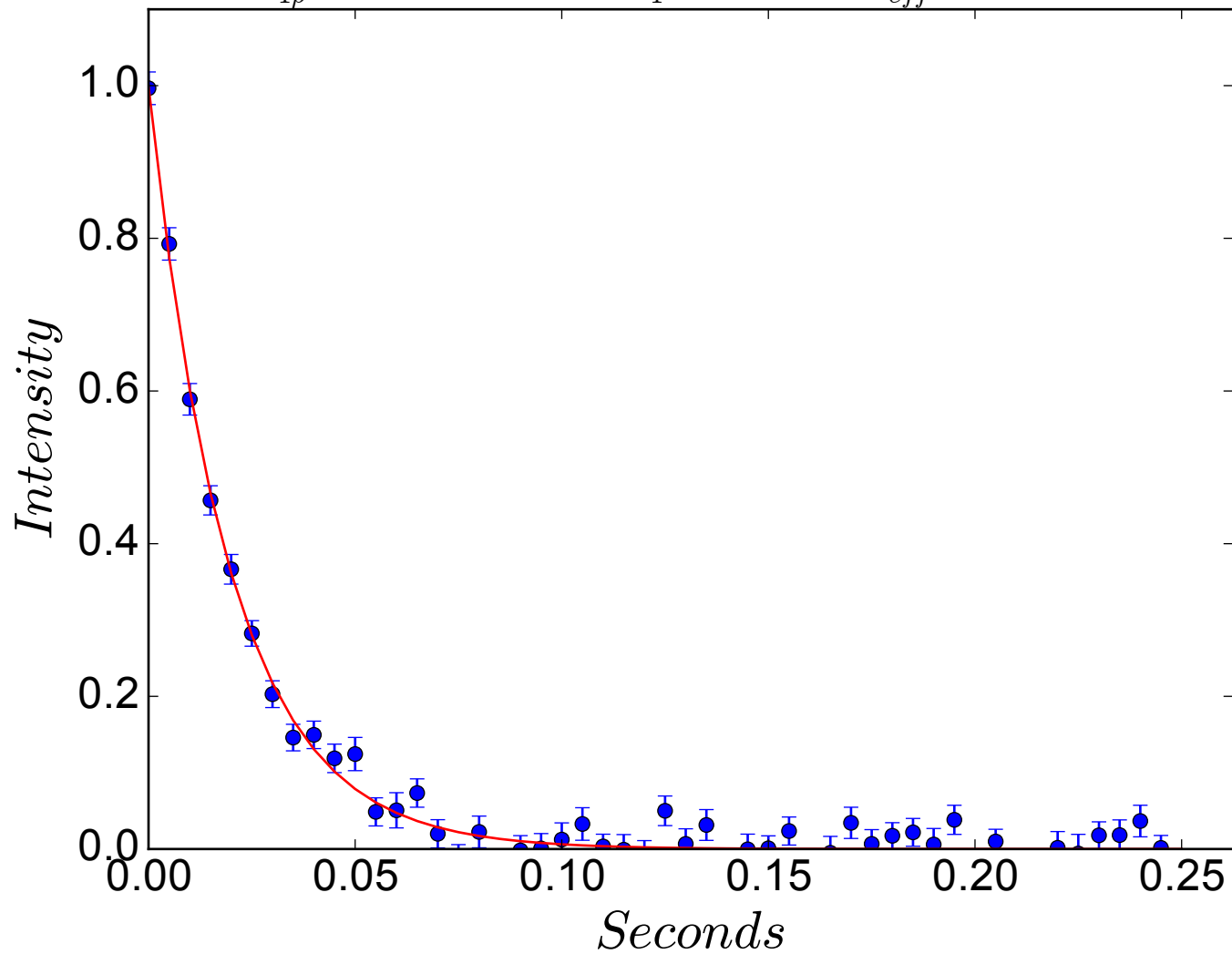


$$R_{1\rho} = 49.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -226 \text{ Hz}$$

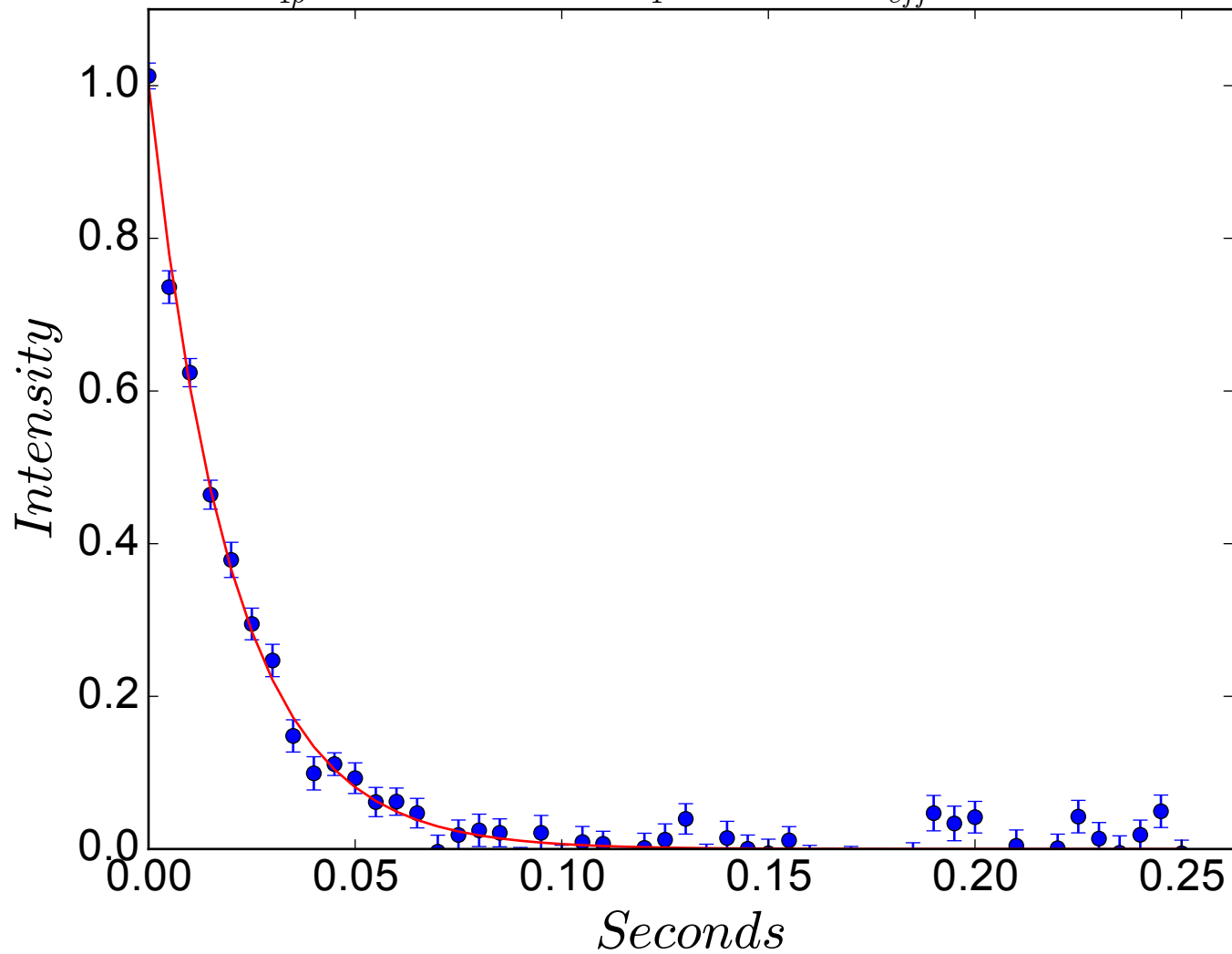




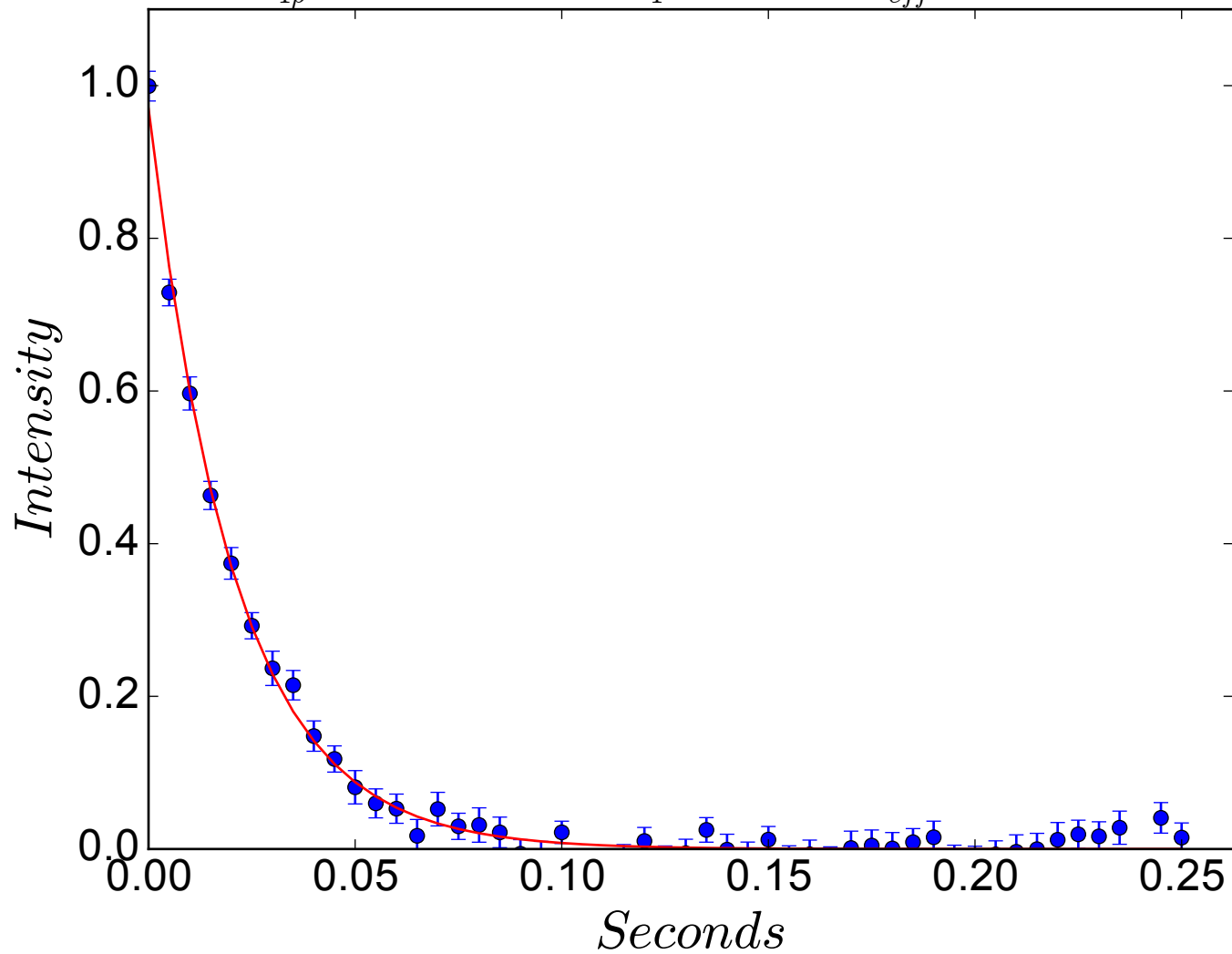
$$R_{1\rho} = 50.8 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -216 \text{ Hz}$$



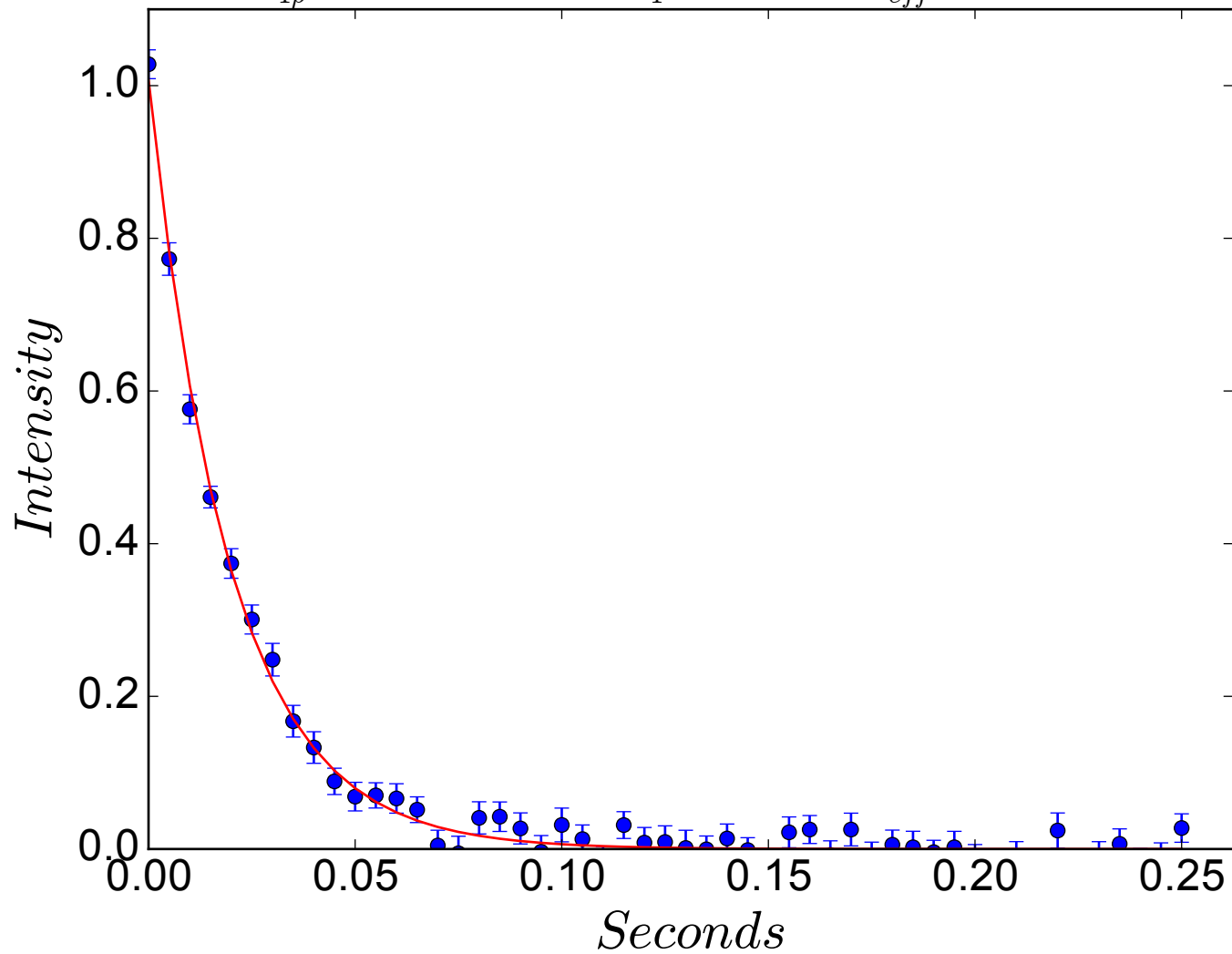
$$R_{1\rho} = 50.3 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -206 \text{ Hz}$$



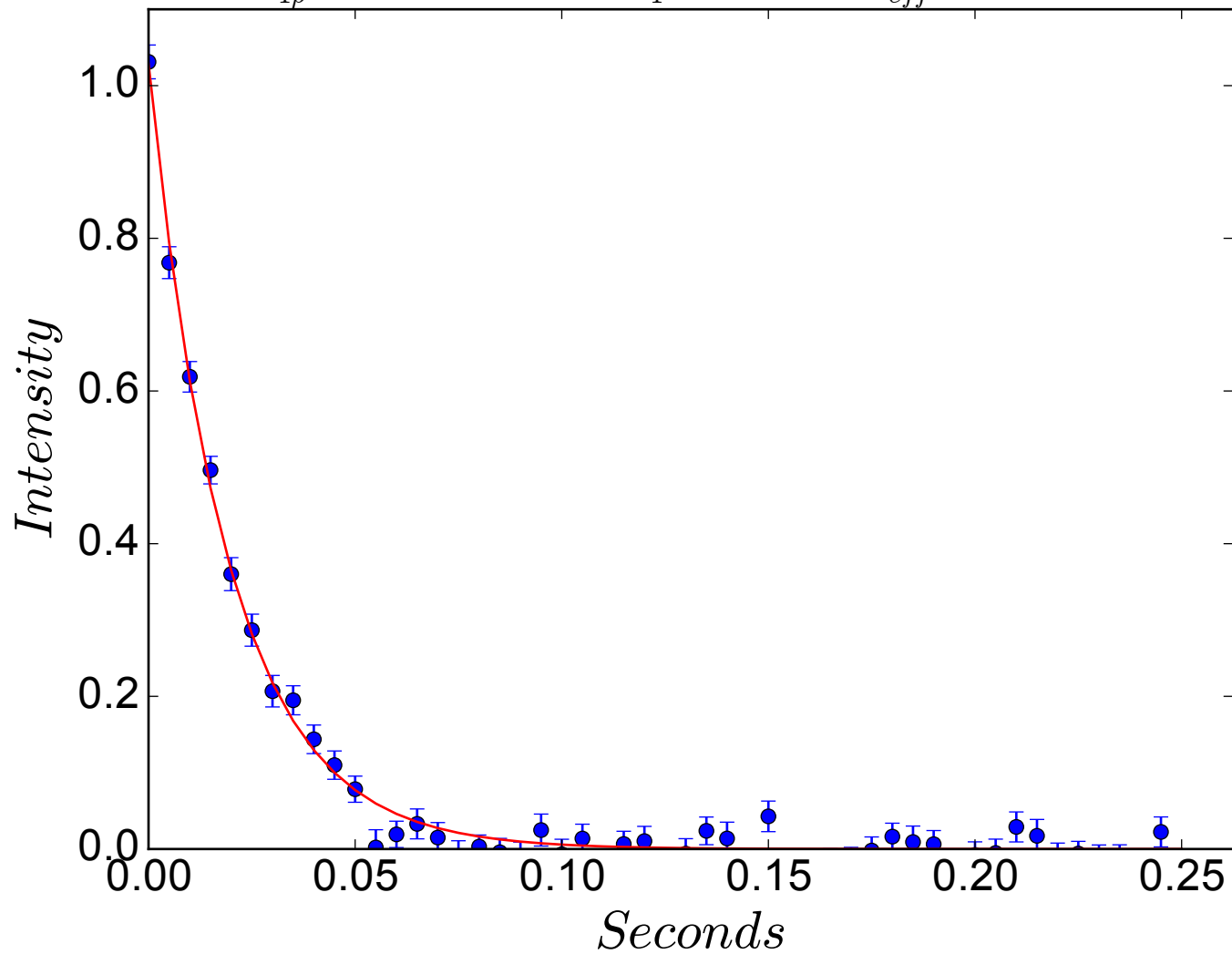
$$R_{1\rho} = 48.1 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -196 \text{ Hz}$$



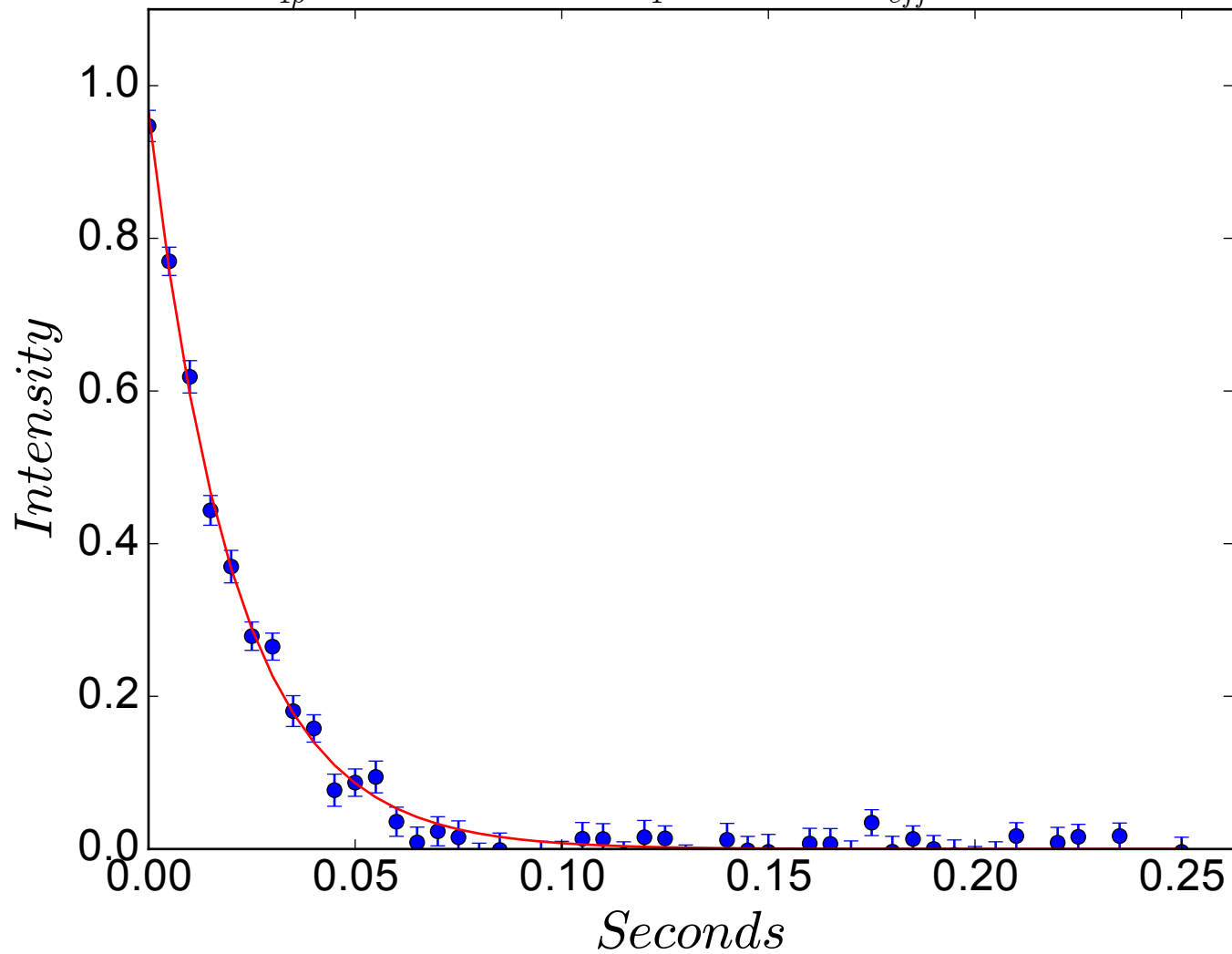
$$R_{1\rho} = 50.8 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -186 \text{ Hz}$$



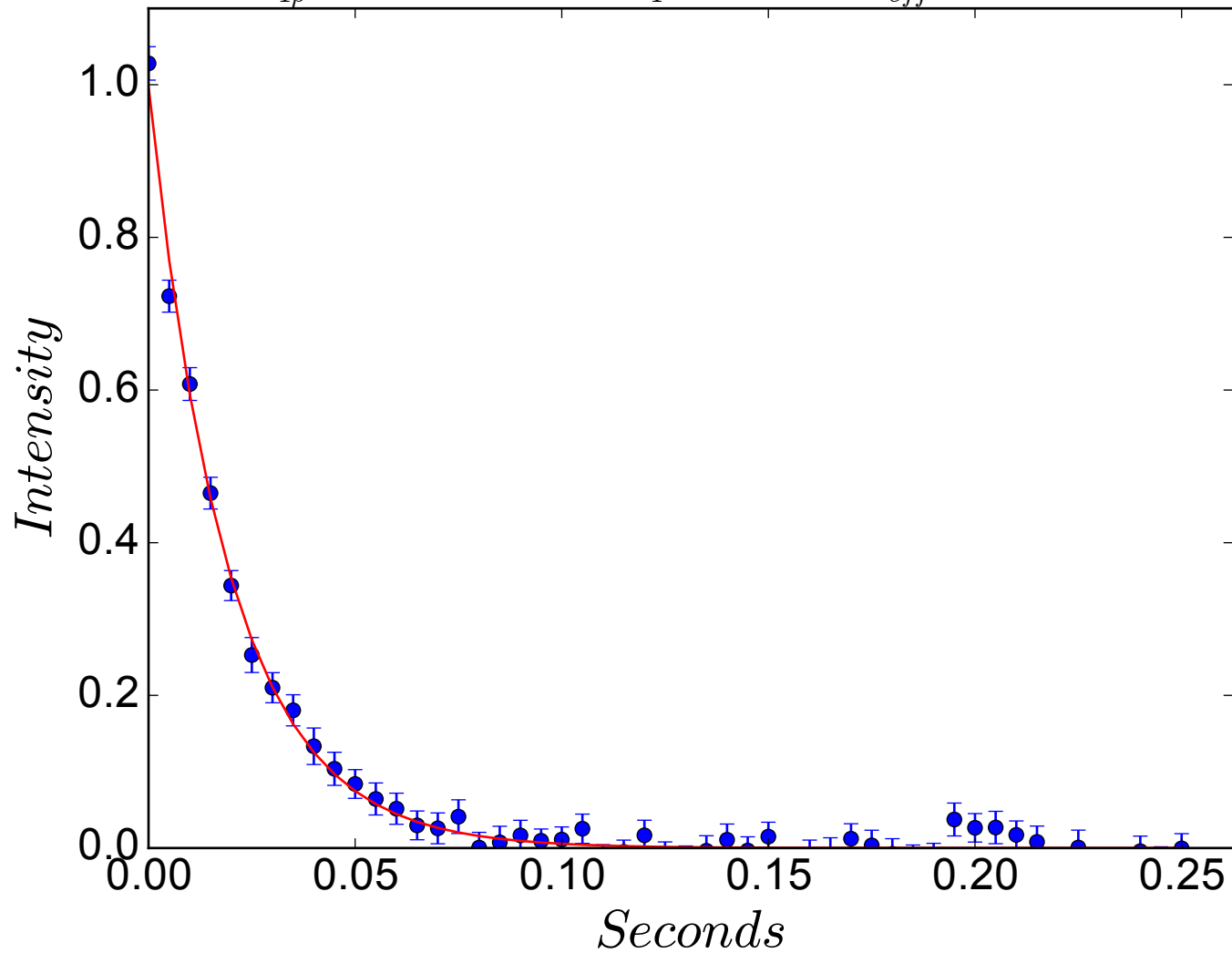
$$R_{1\rho} = 51.8 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -176 \text{ Hz}$$



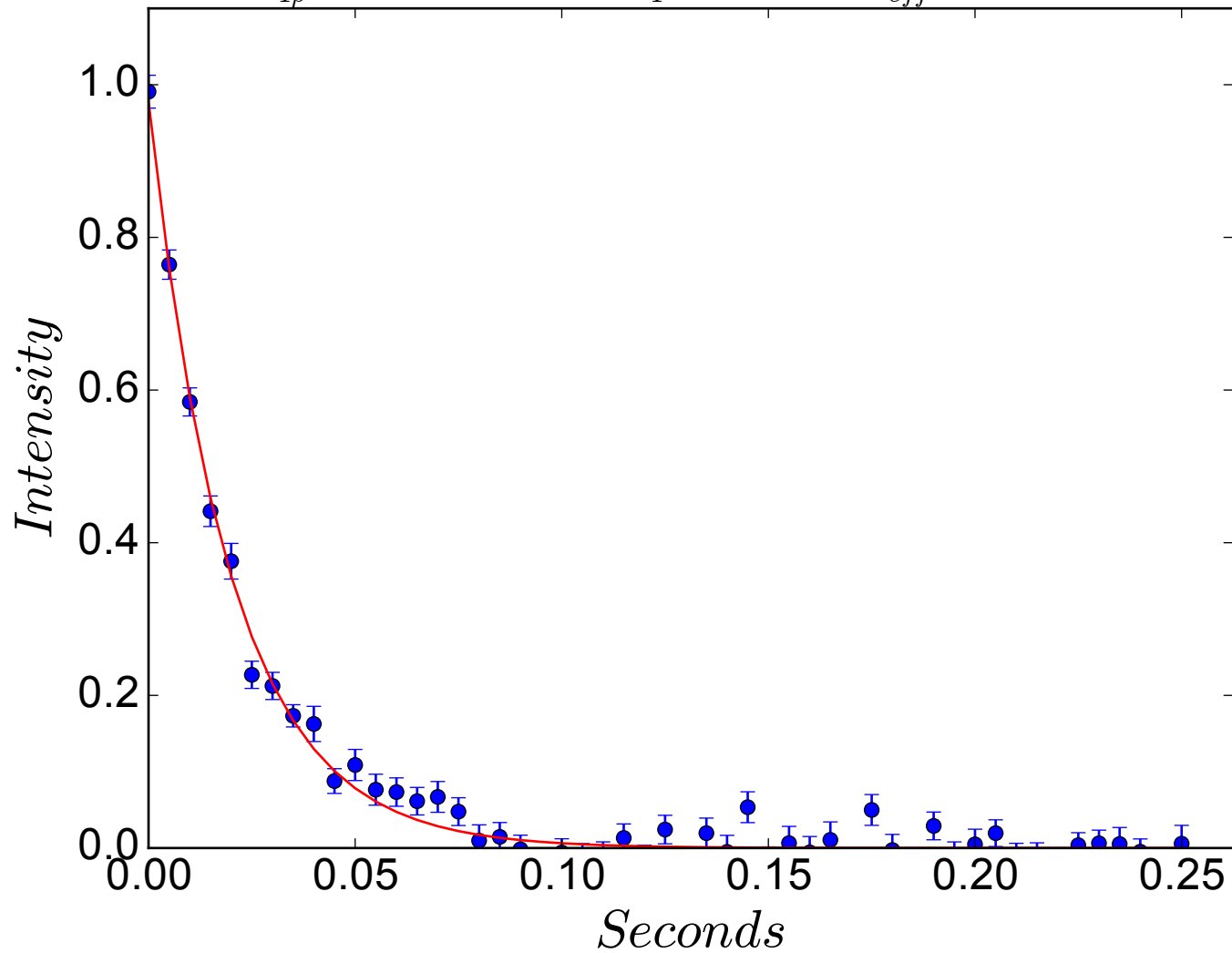
$$R_{1\rho} = 48.3 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -166 \text{ Hz}$$



$$R_{1\rho} = 51.9 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -156 \text{ Hz}$$

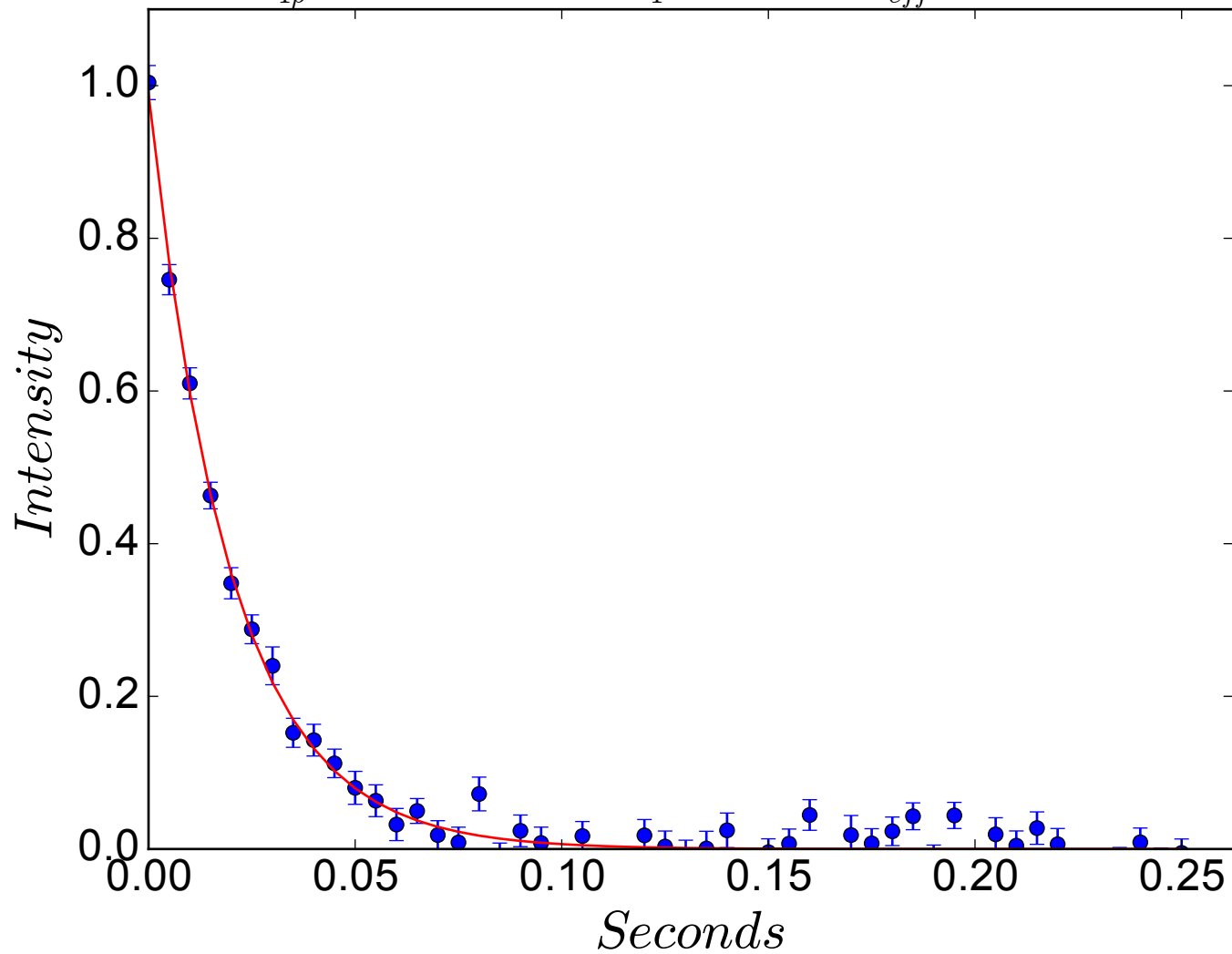


$$R_{1\rho} = 50.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -146 \text{ Hz}$$

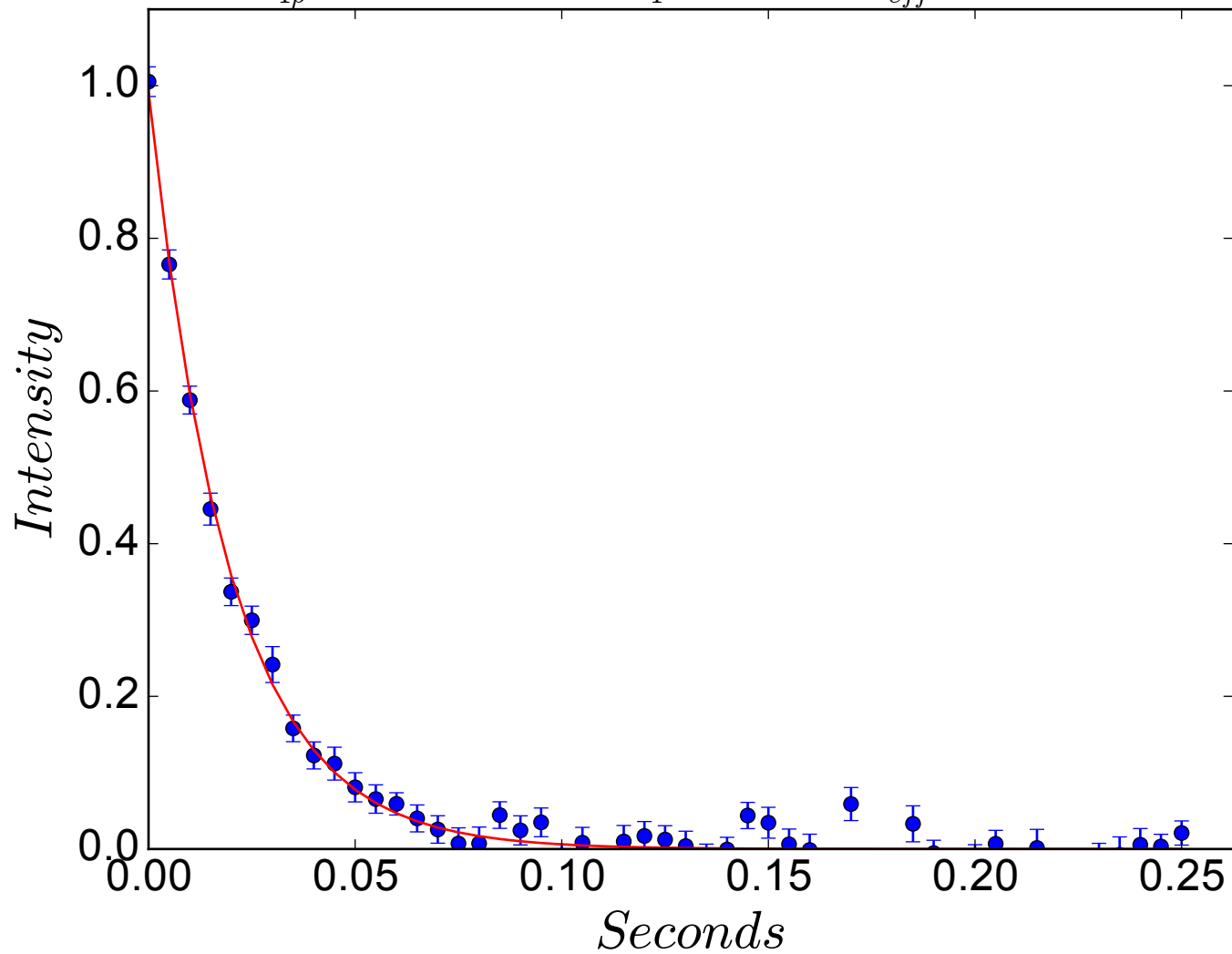




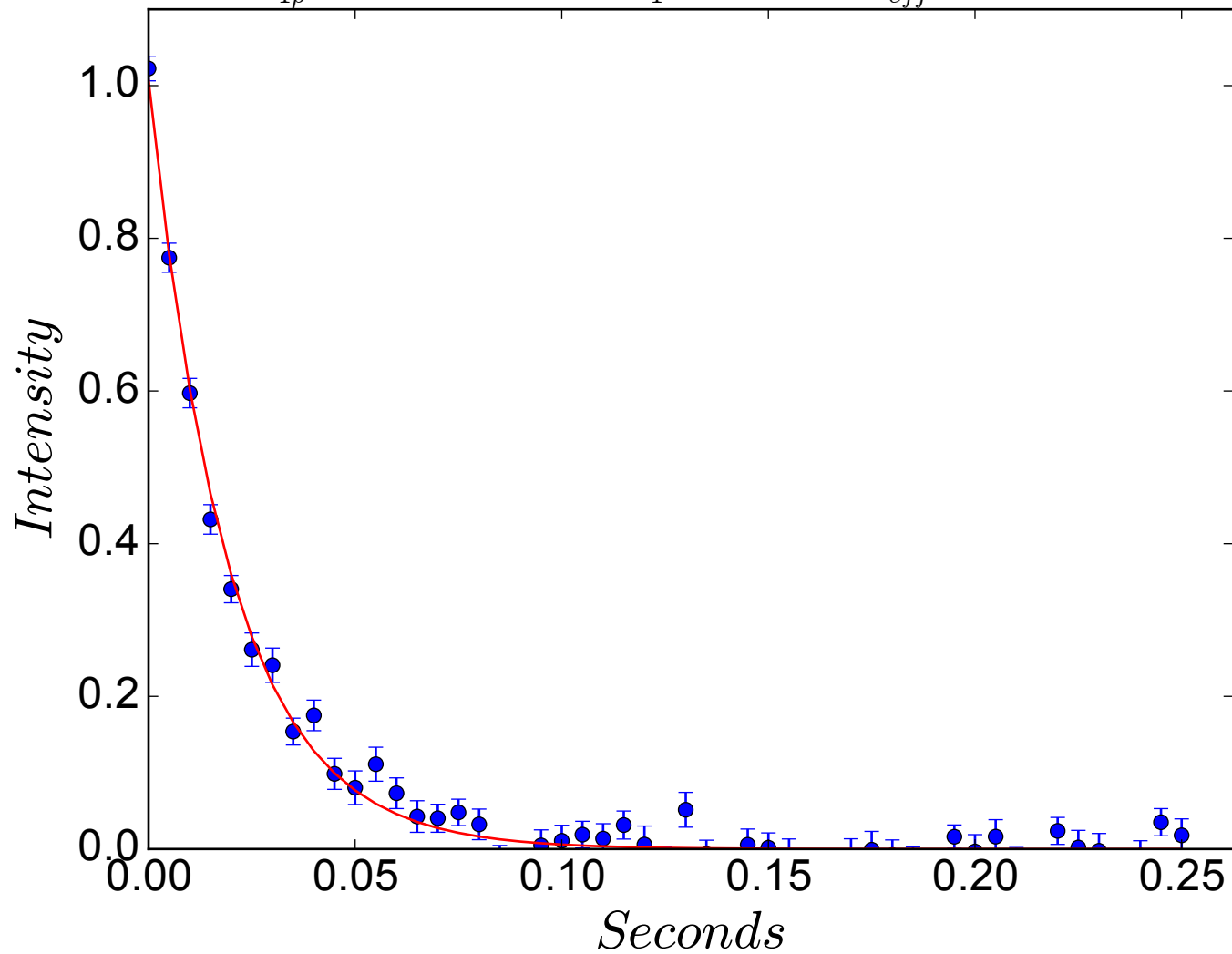
$$R_{1\rho} = 50.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -136 \text{ Hz}$$



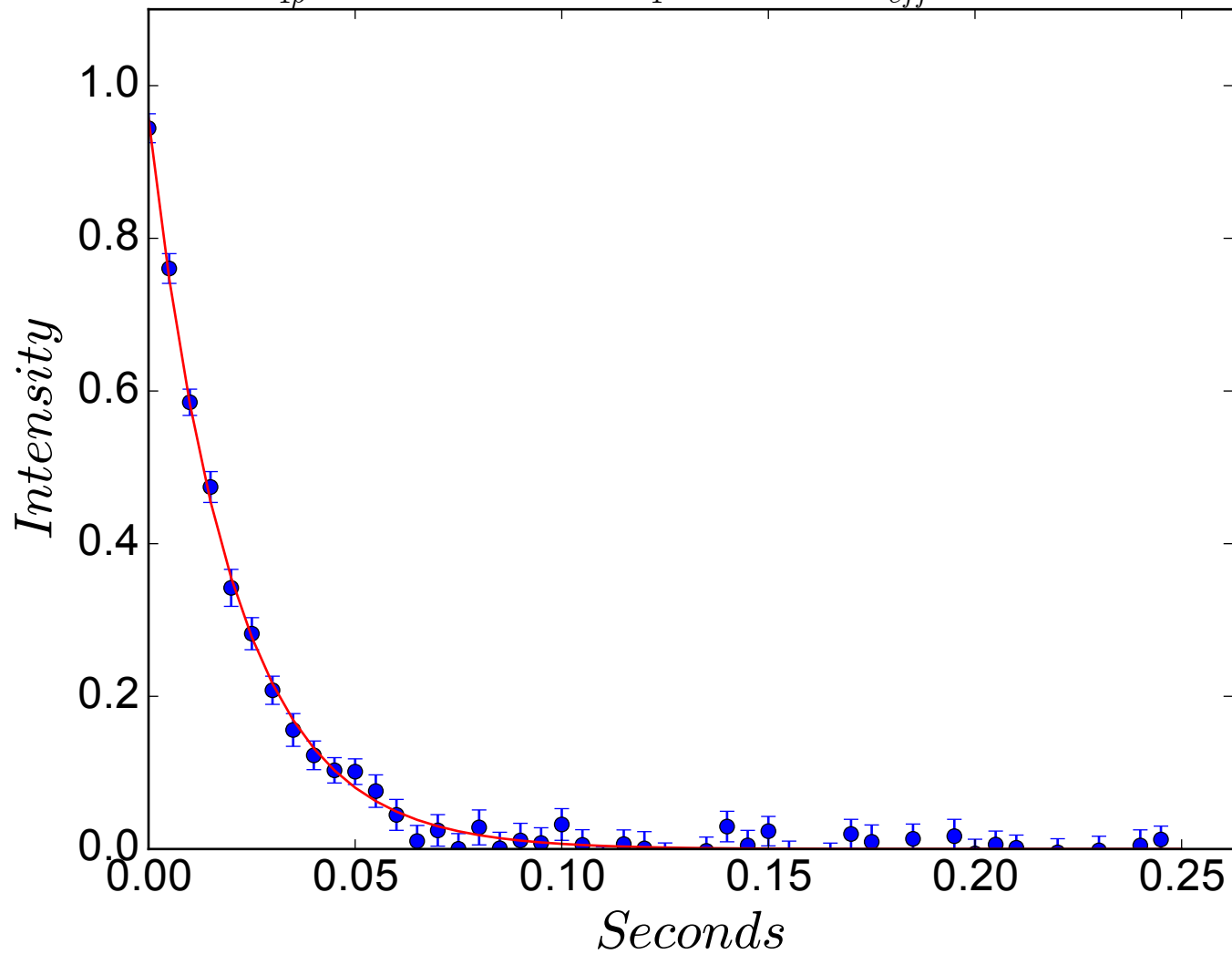
$$R_{1\rho} = 50.9 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -126 \text{ Hz}$$



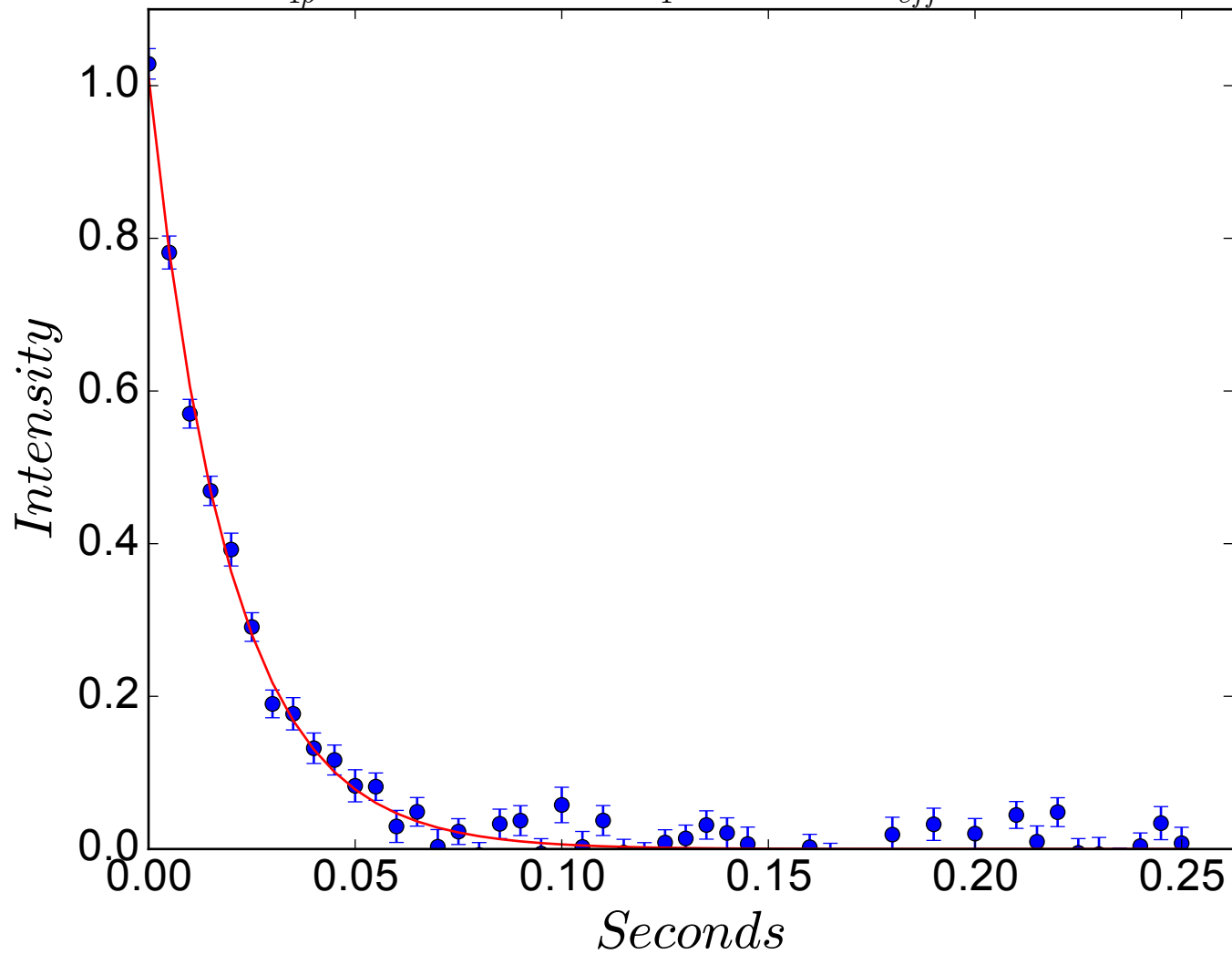
$$R_{1\rho} = 51.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -116 \text{ Hz}$$



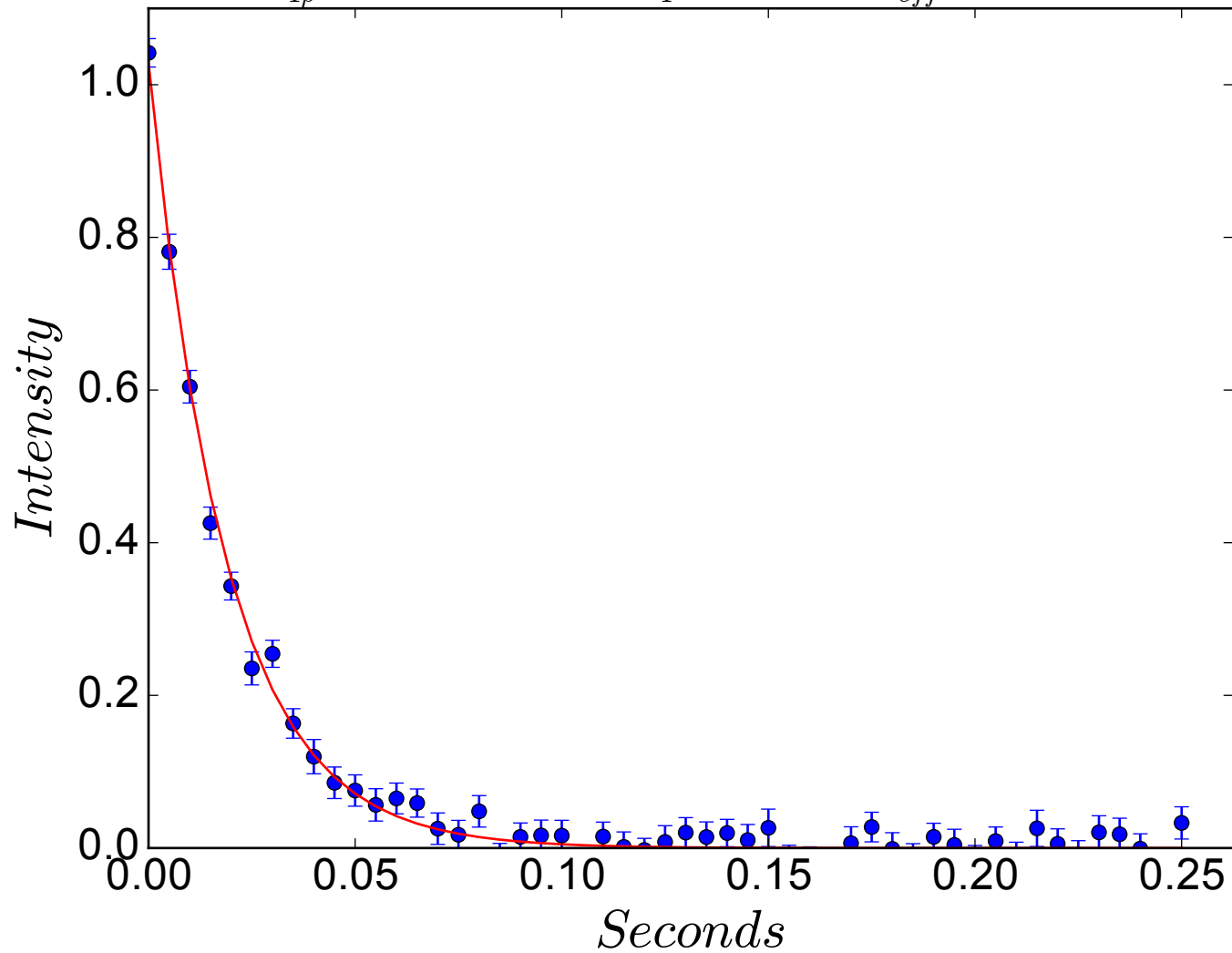
$$R_{1\rho} = 49.5 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -106 \text{ Hz}$$



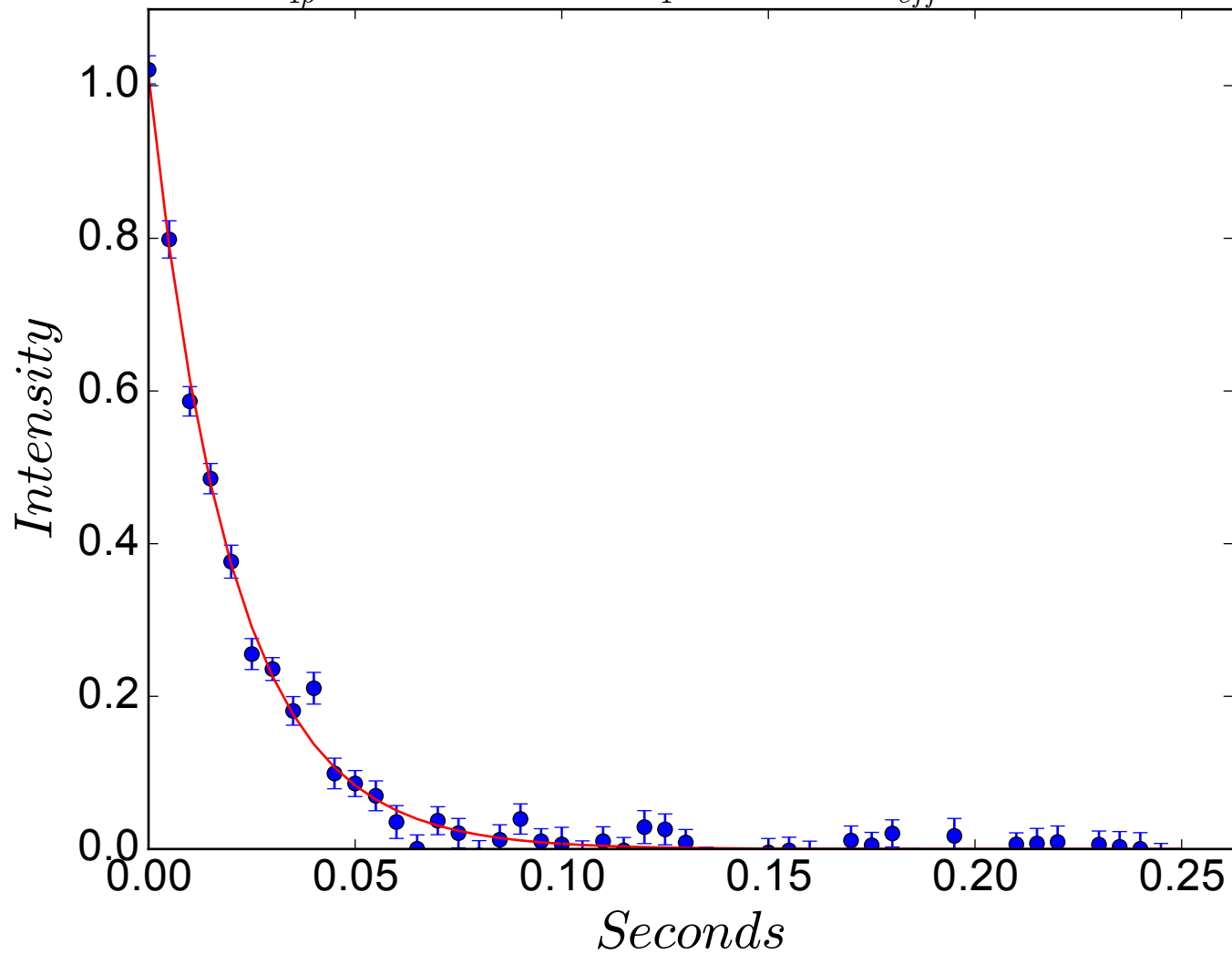
$$R_{1\rho} = 51.2 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -95 \text{ Hz}$$



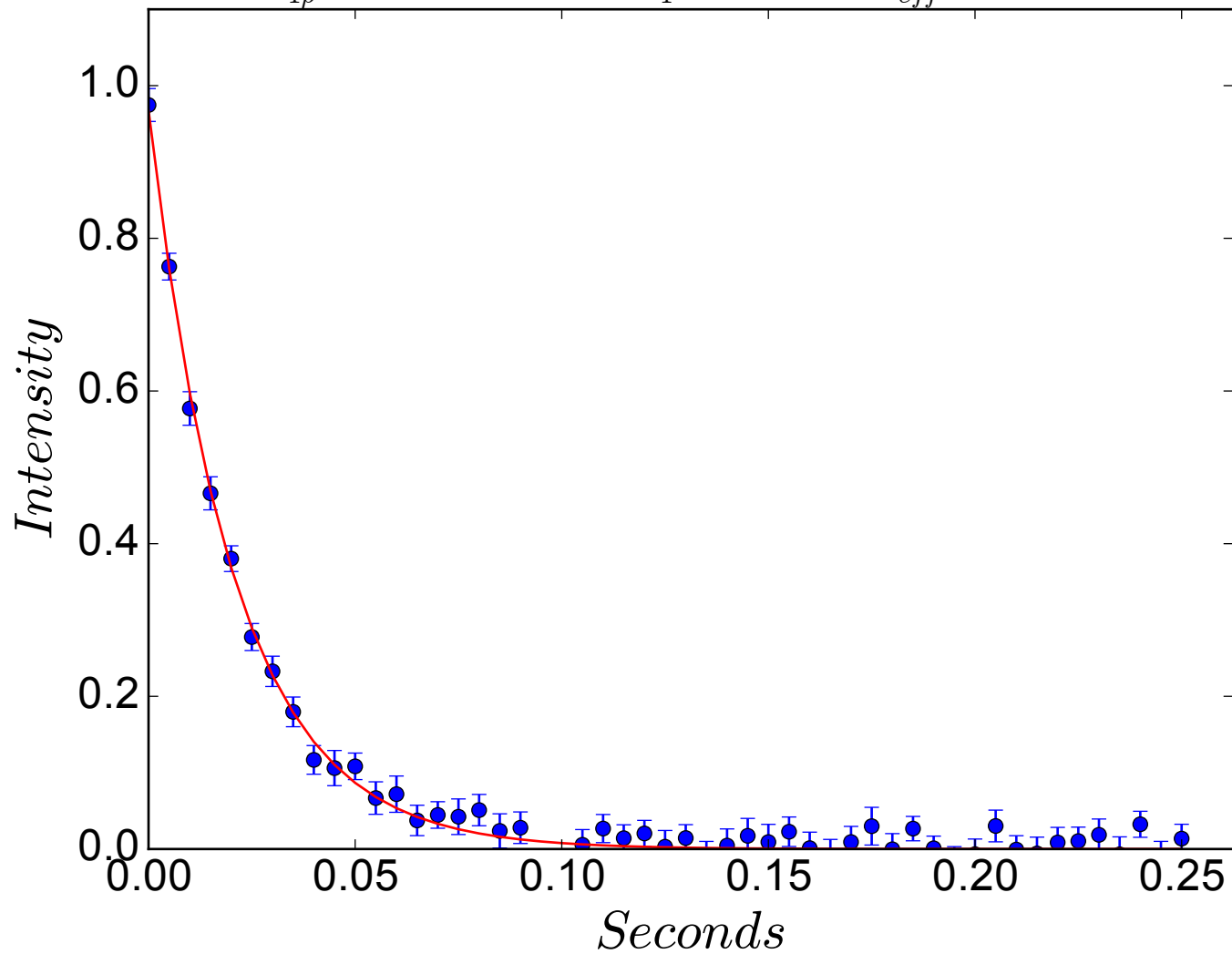
$$R_{1\rho} = 53.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -85 \text{ Hz}$$



$$R_{1\rho} = 50.0 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -75 \text{ Hz}$$

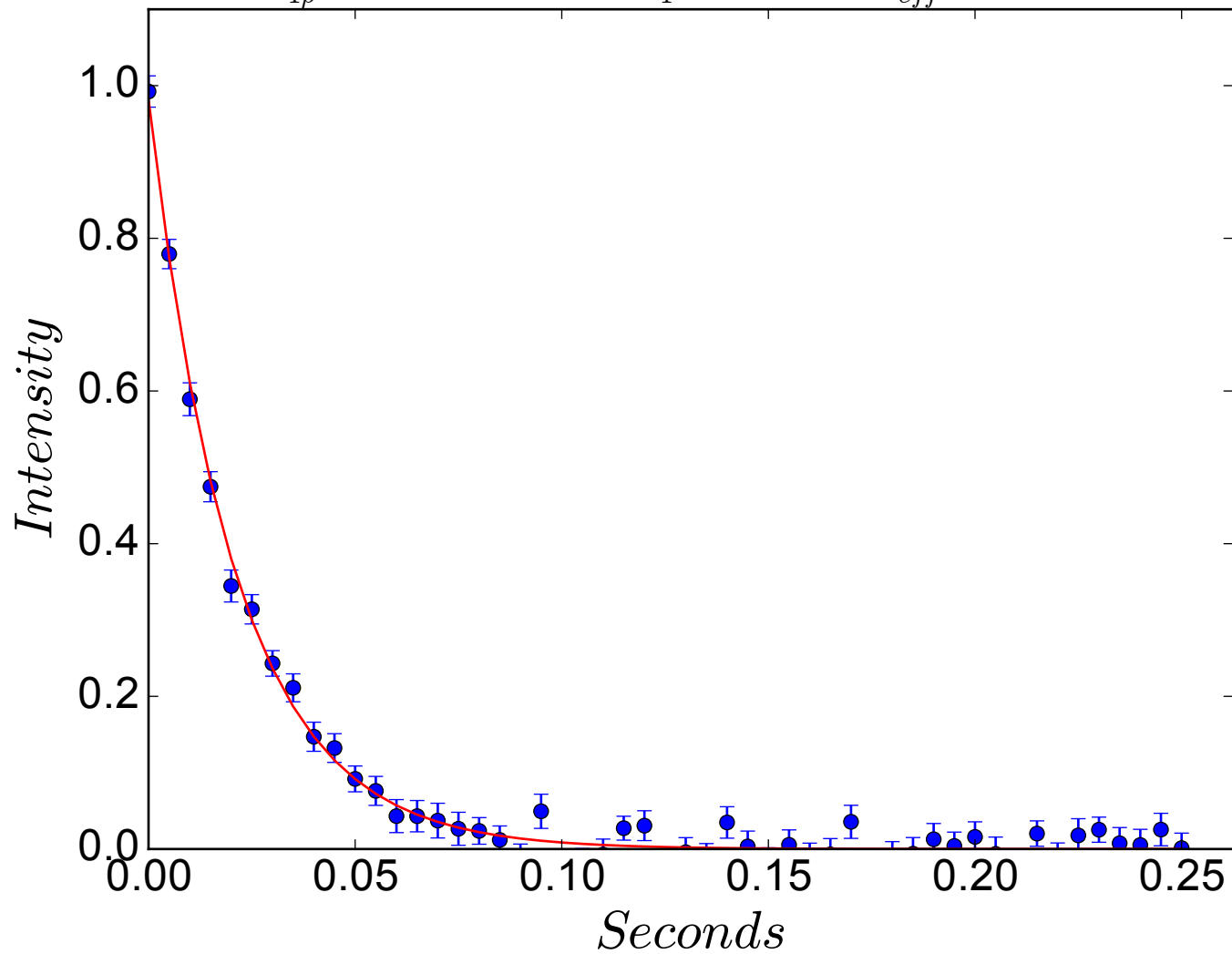


$$R_{1\rho} = 48.2 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -65 \text{ Hz}$$

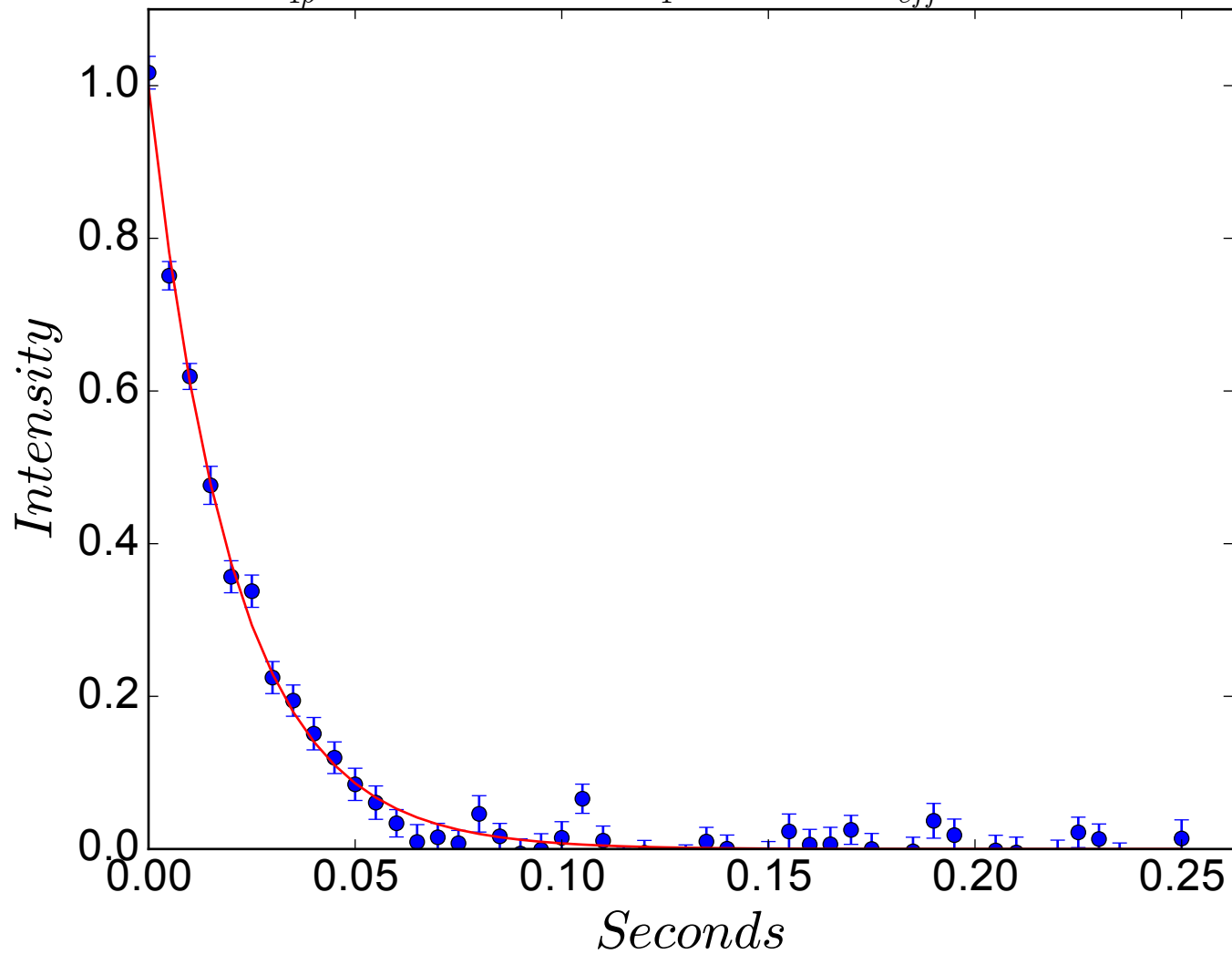




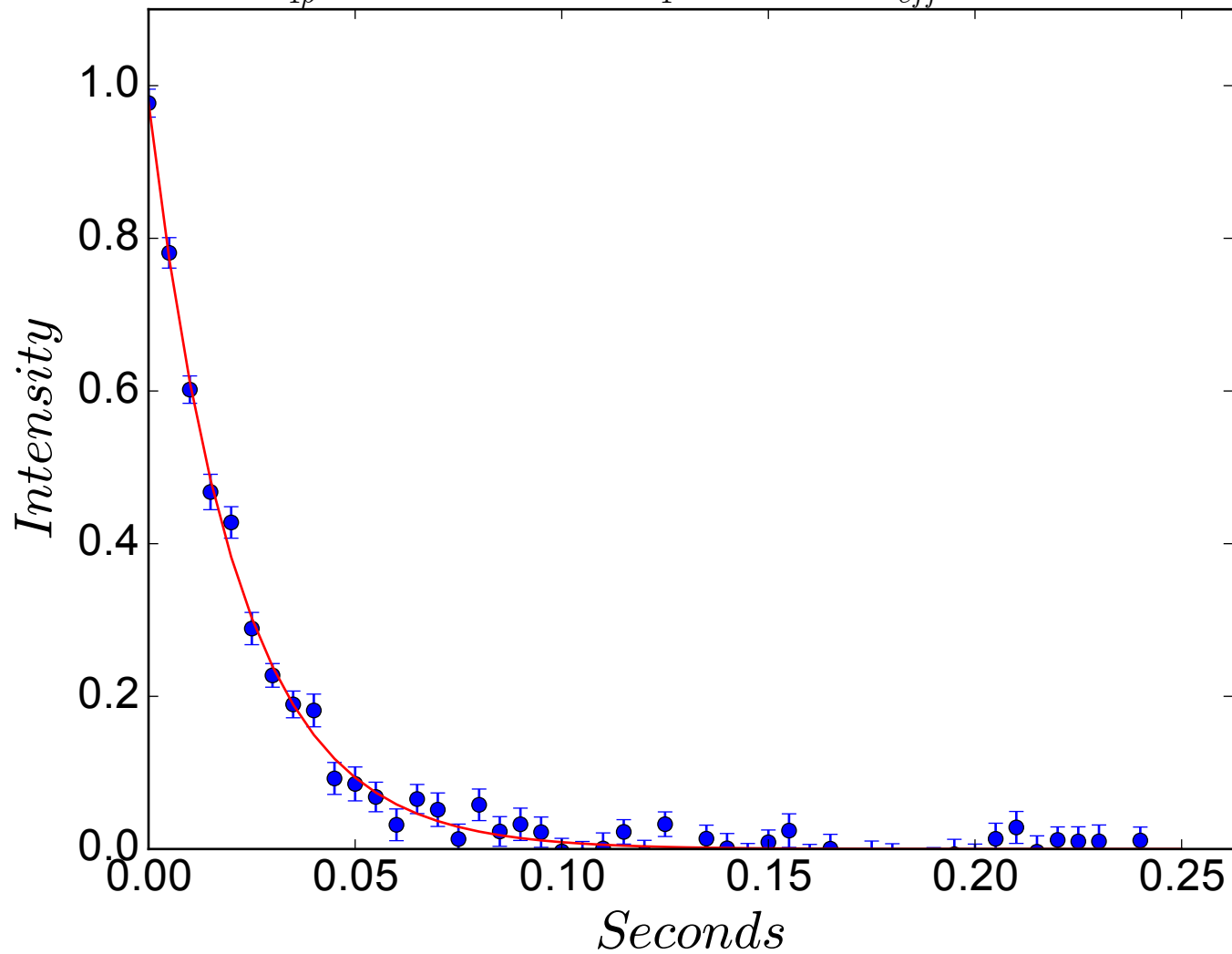
$$R_{1\rho} = 47.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -55 \text{ Hz}$$



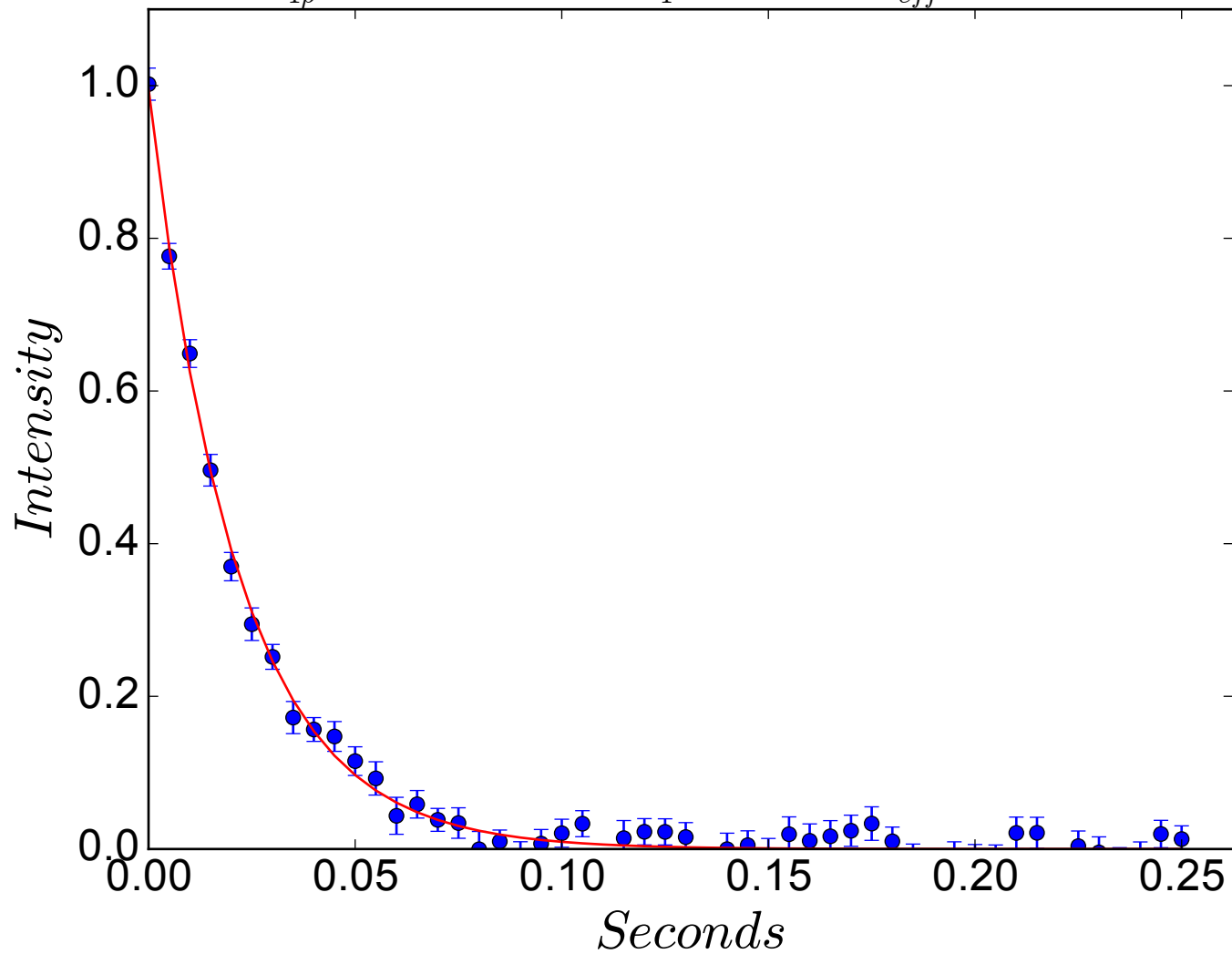
$$R_{1\rho} = 49.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -45 \text{ Hz}$$



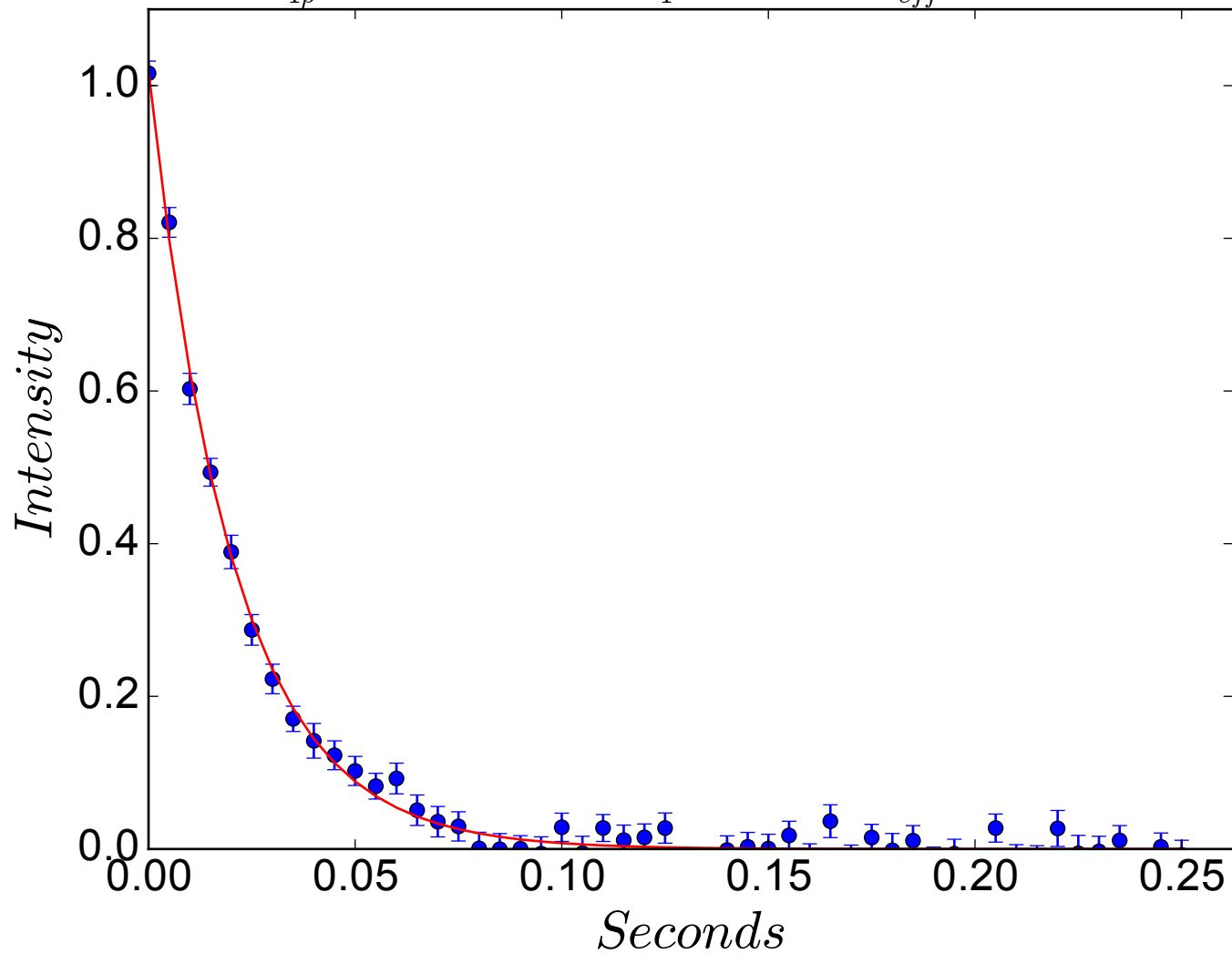
$$R_{1\rho} = 46.9 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -35 \text{ Hz}$$



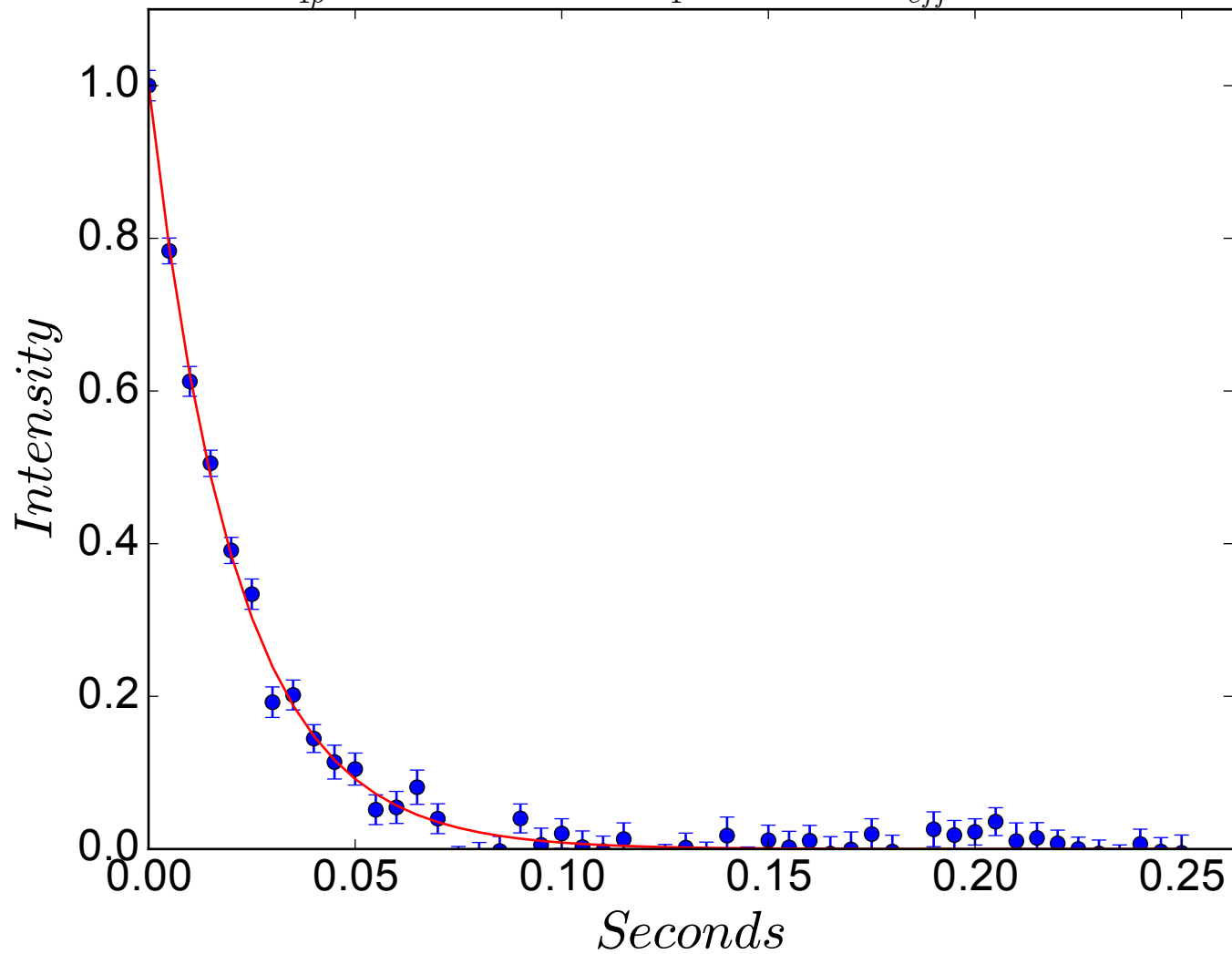
$$R_{1\rho} = 46.6 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -25 \text{ Hz}$$



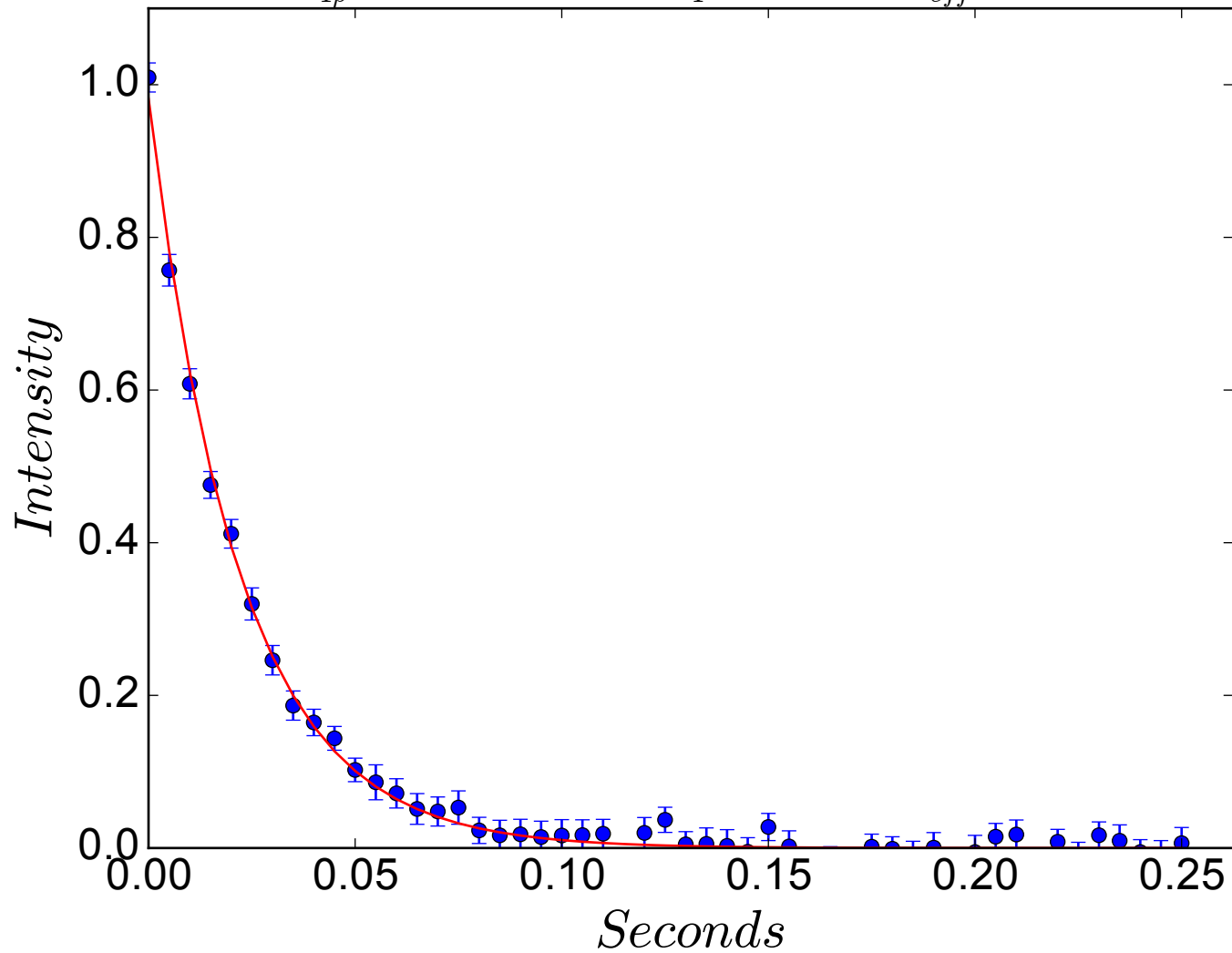
$$R_{1\rho} = 48.9 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -15 \text{ Hz}$$



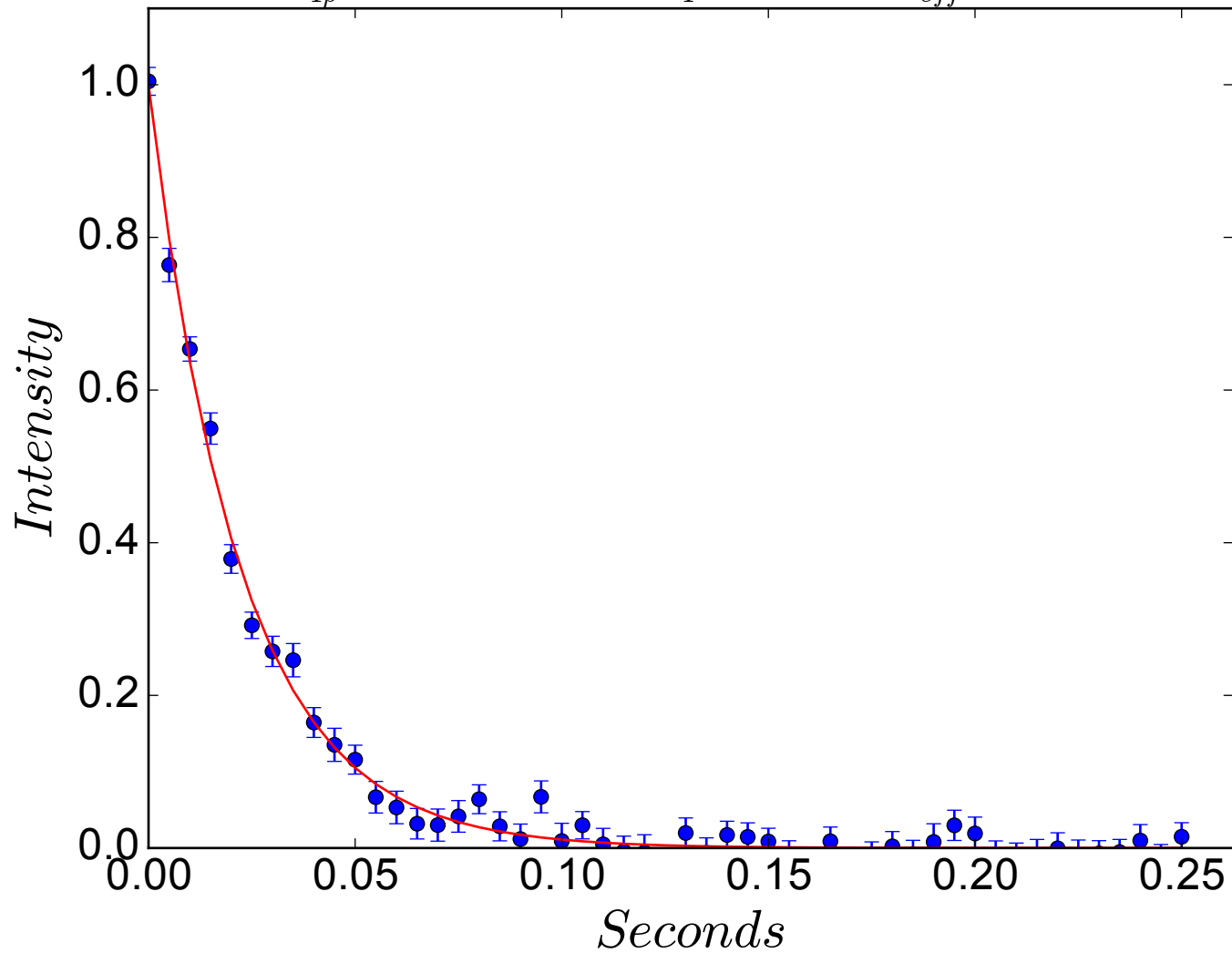
$$R_{1\rho} = 47.8 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = -5 \text{ Hz}$$



$$R_{1\rho} = 45.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 5 \text{ Hz}$$

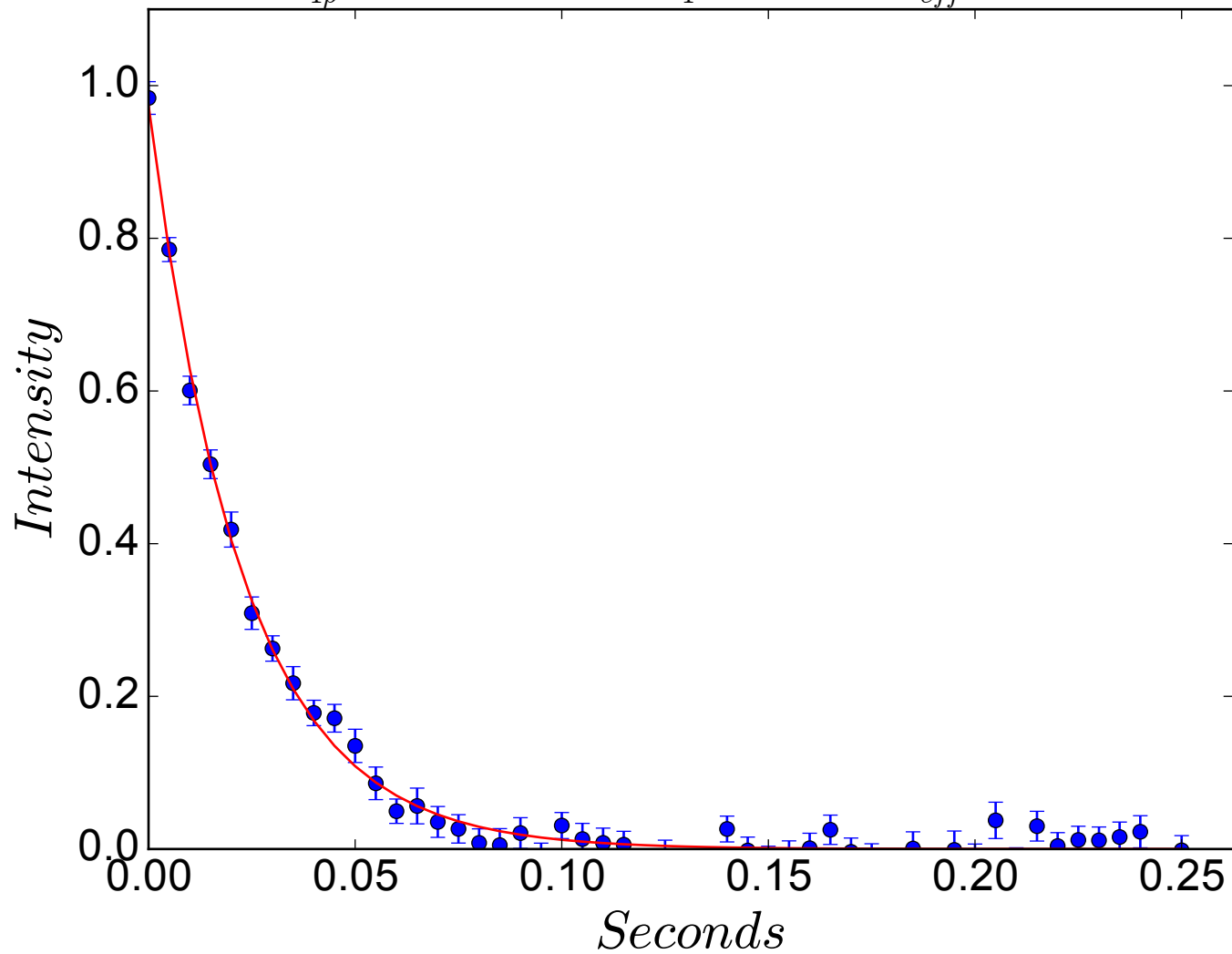


$$R_{1\rho} = 45.0 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 15 \text{ Hz}$$

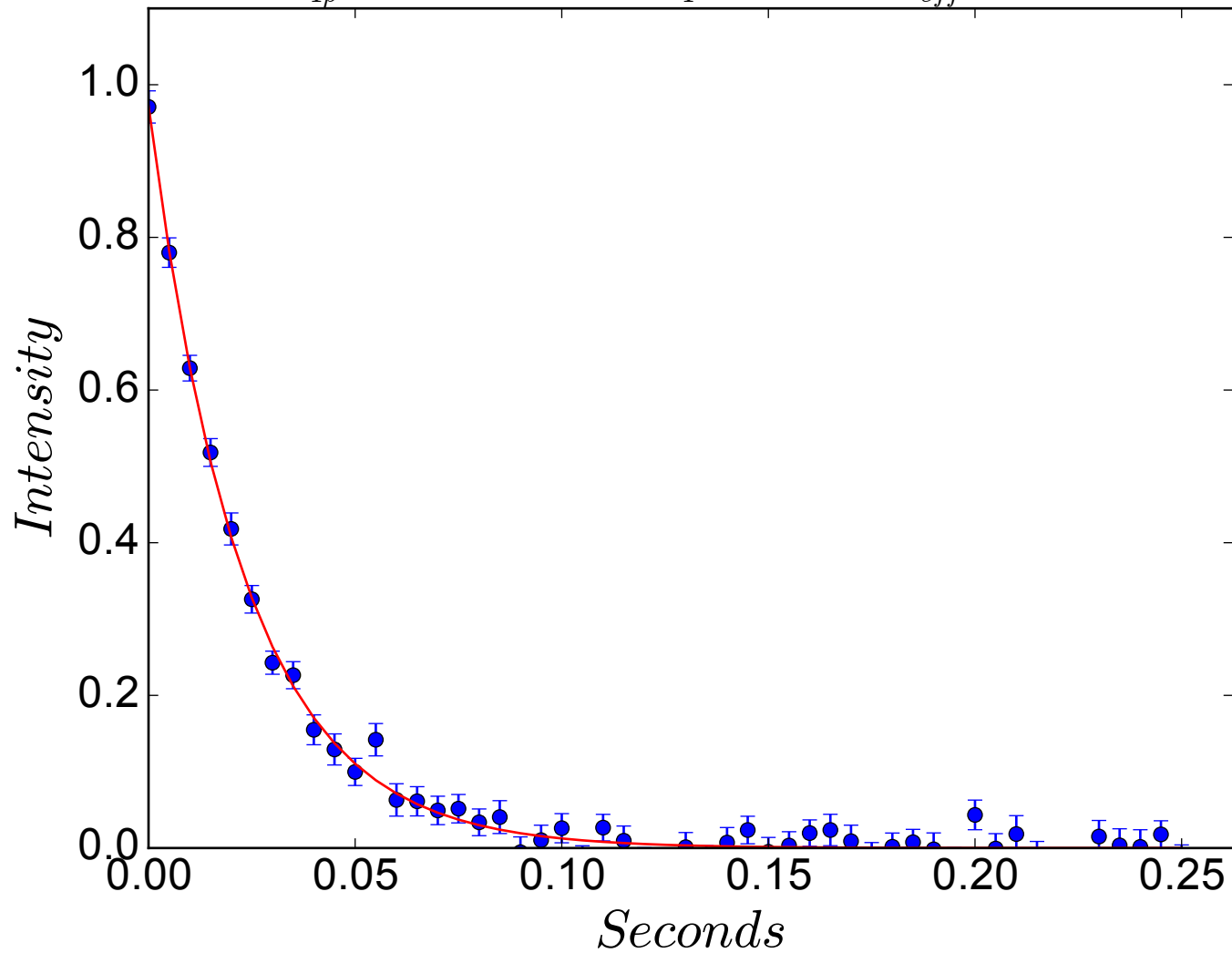




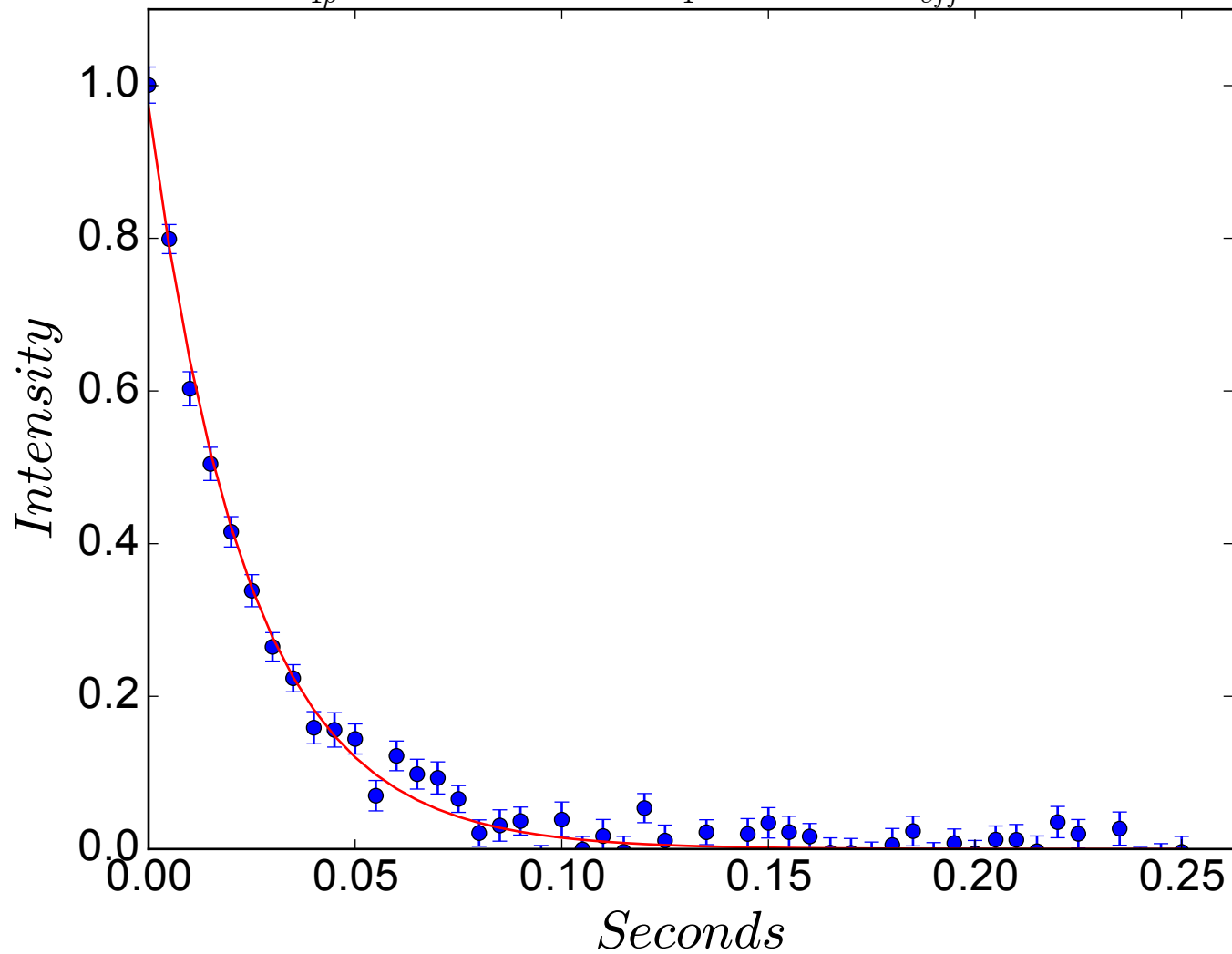
$$R_{1\rho} = 43.9 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 25 \text{ Hz}$$



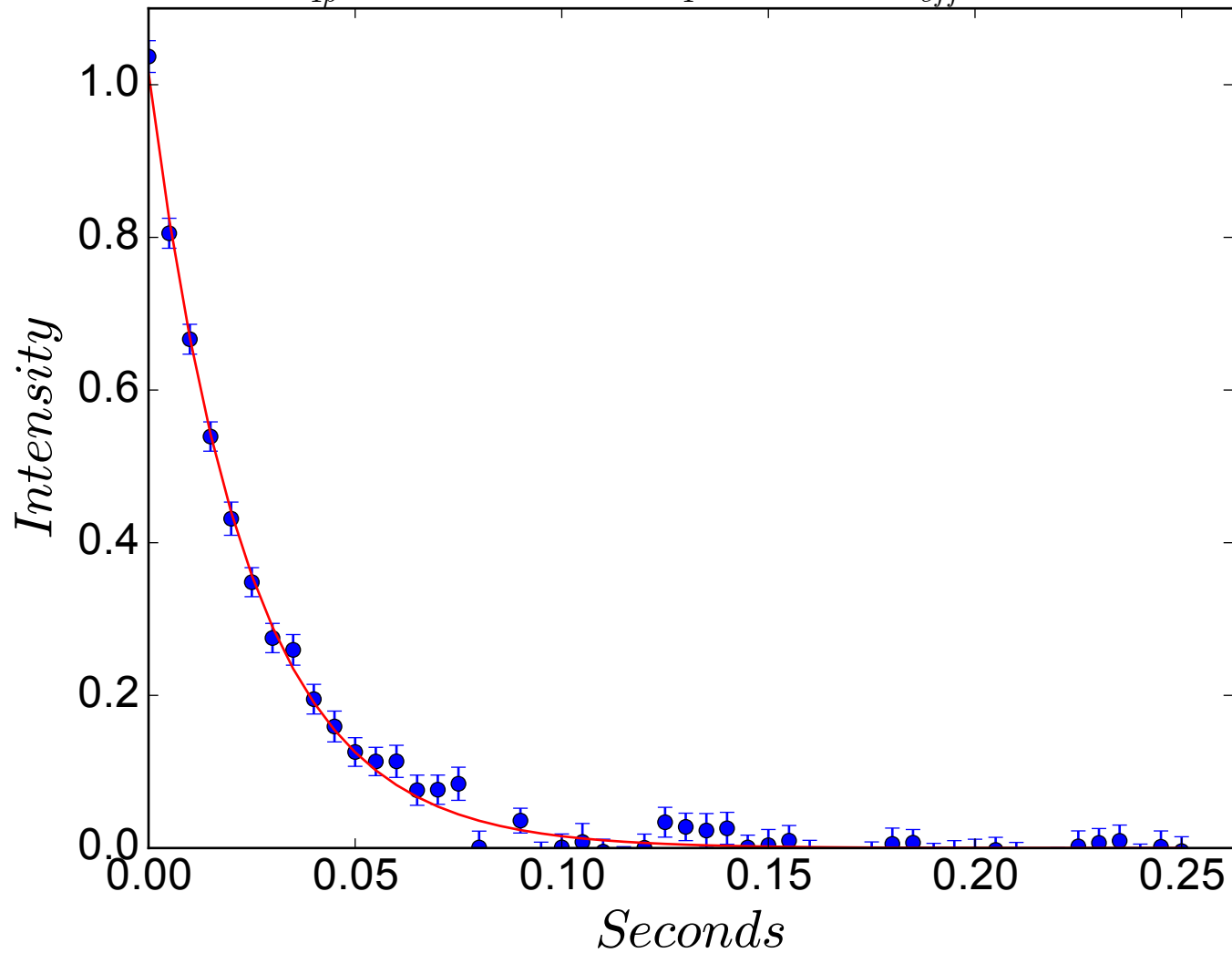
$$R_{1\rho} = 43.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 35 \text{ Hz}$$



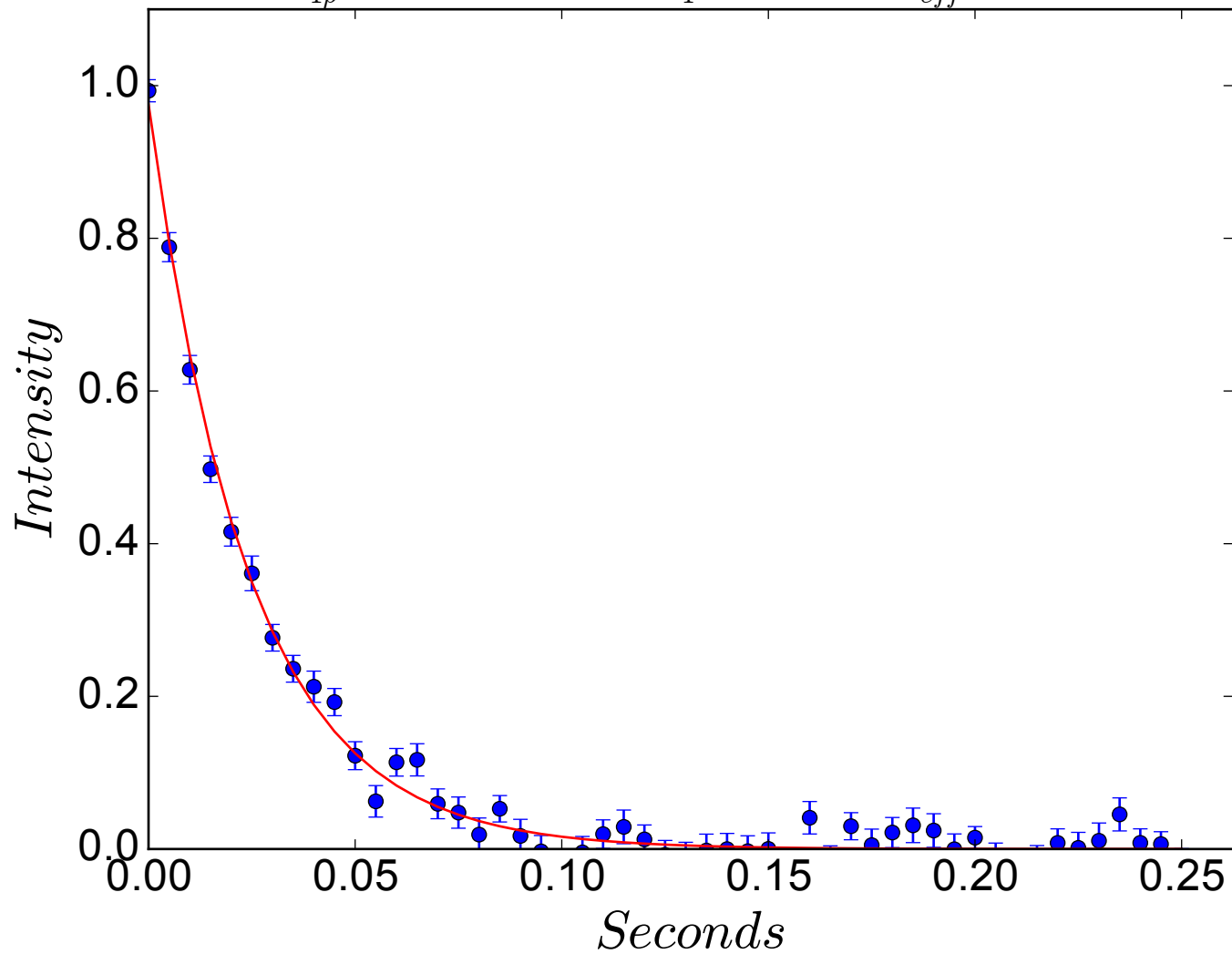
$$R_{1\rho} = 41.8 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 45 \text{ Hz}$$



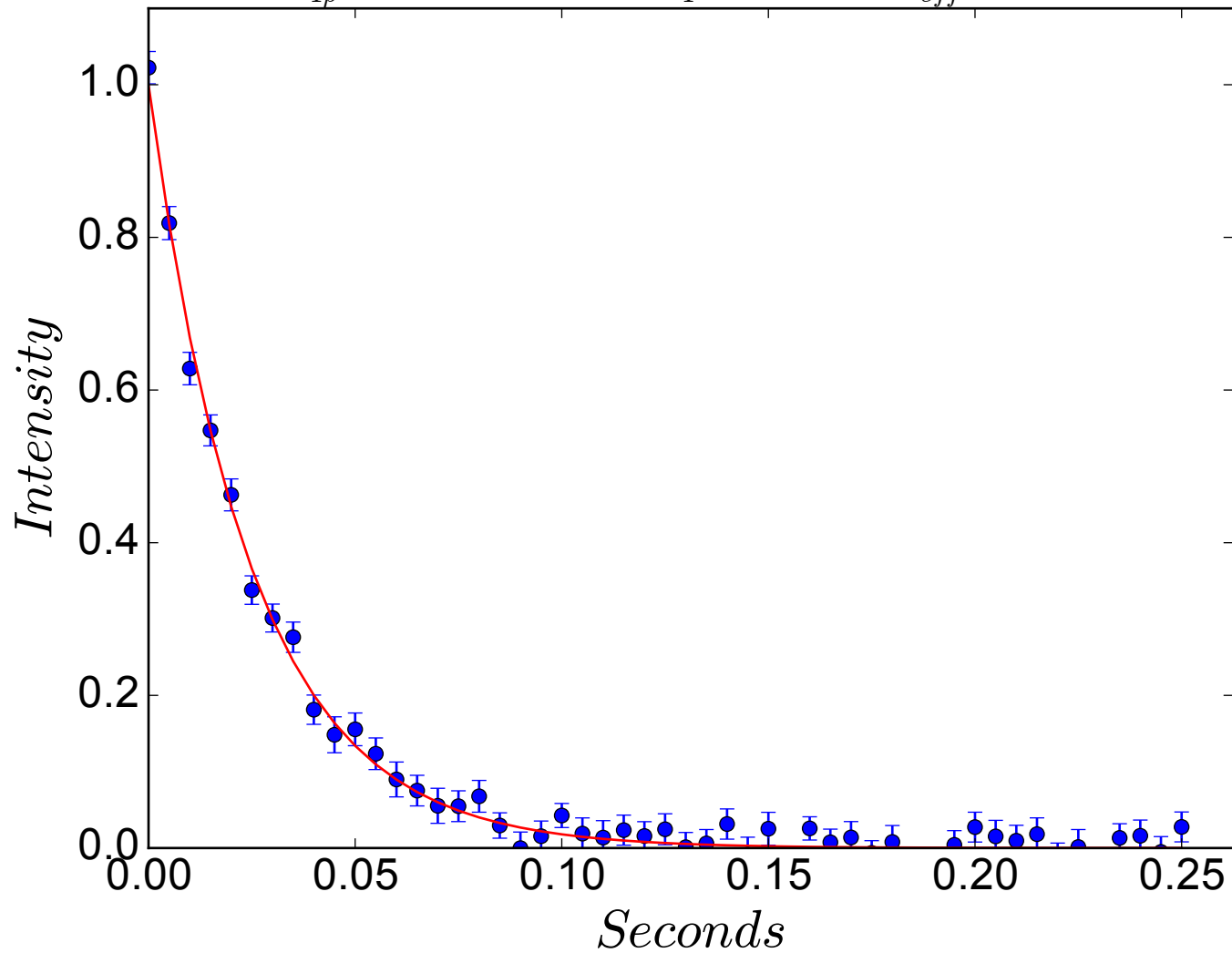
$$R_{1\rho} = 41.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 55 \text{ Hz}$$



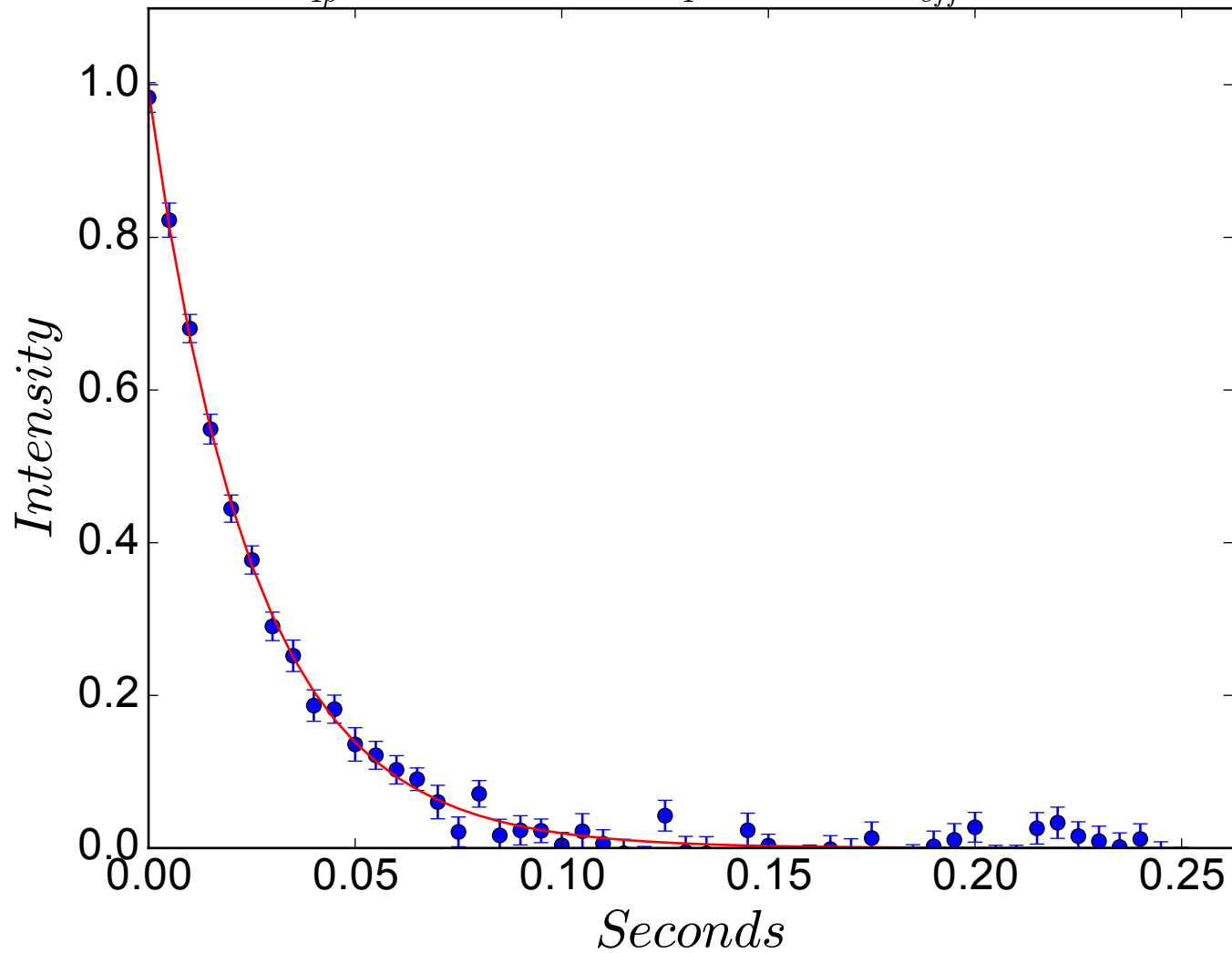
$$R_{1\rho} = 41.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 65 \text{ Hz}$$



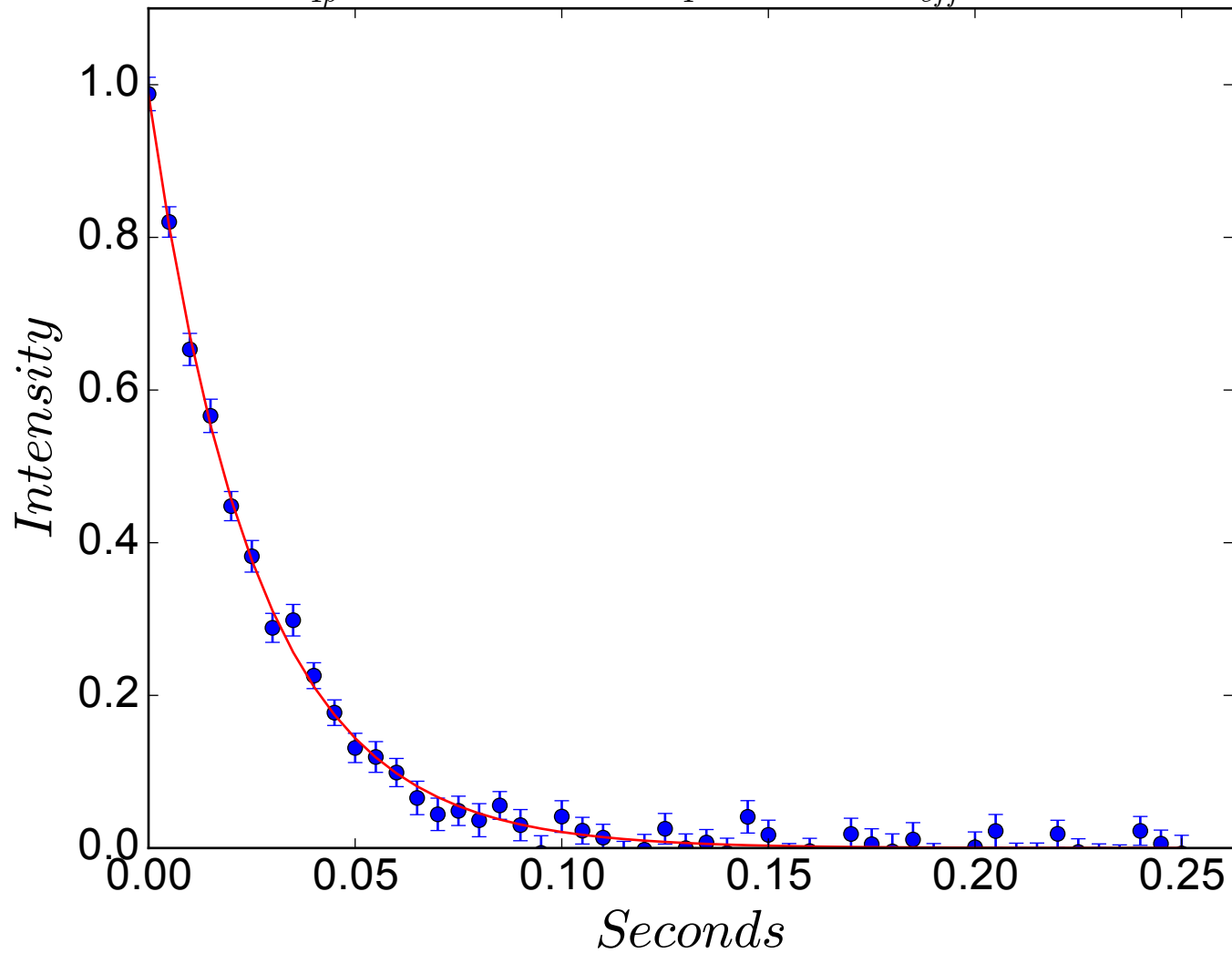
$$R_{1\rho} = 40.2 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 75 \text{ Hz}$$



$$R_{1\rho} = 39.4 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 85 \text{ Hz}$$

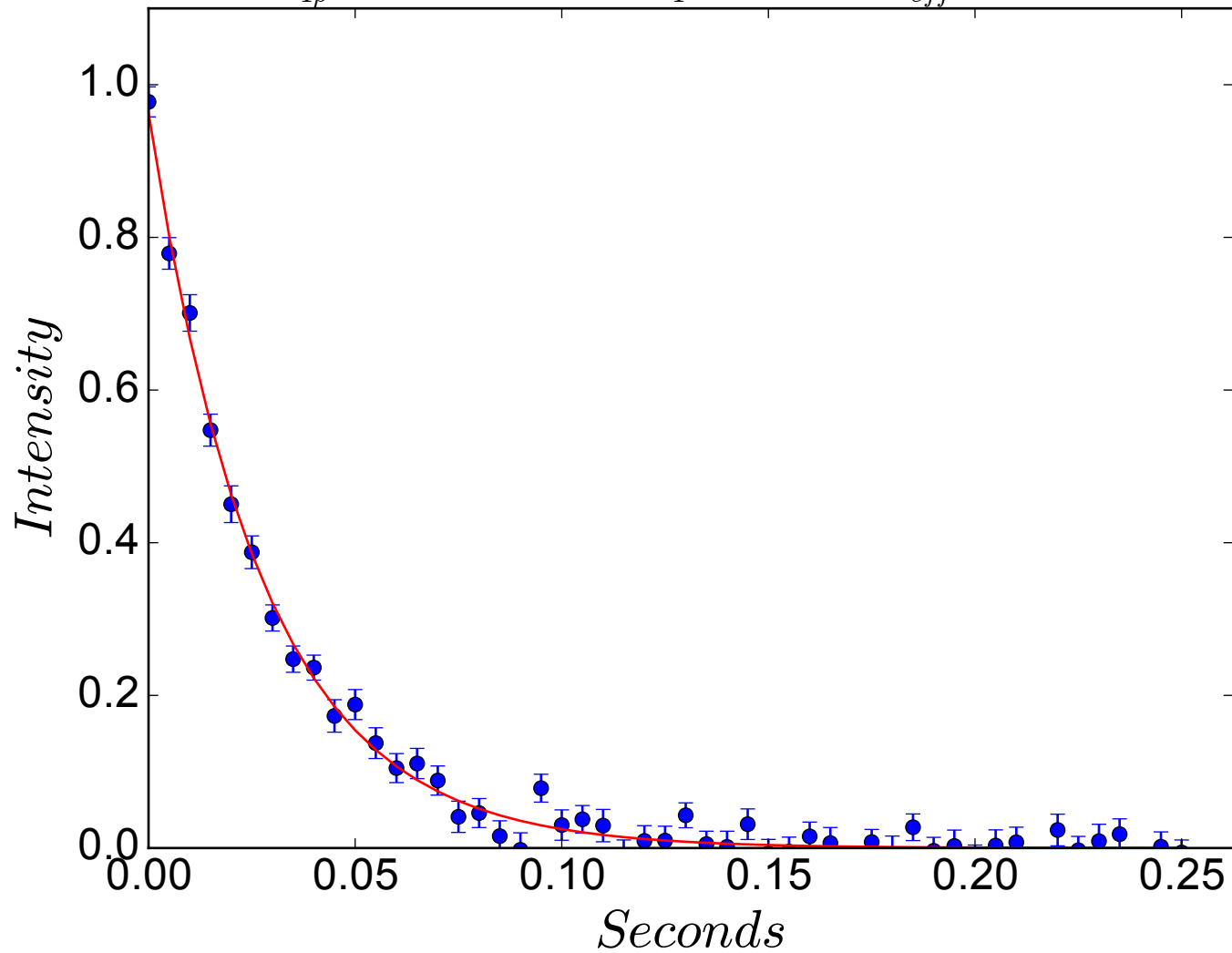


$$R_{1\rho} = 38.5 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 95 \text{ Hz}$$

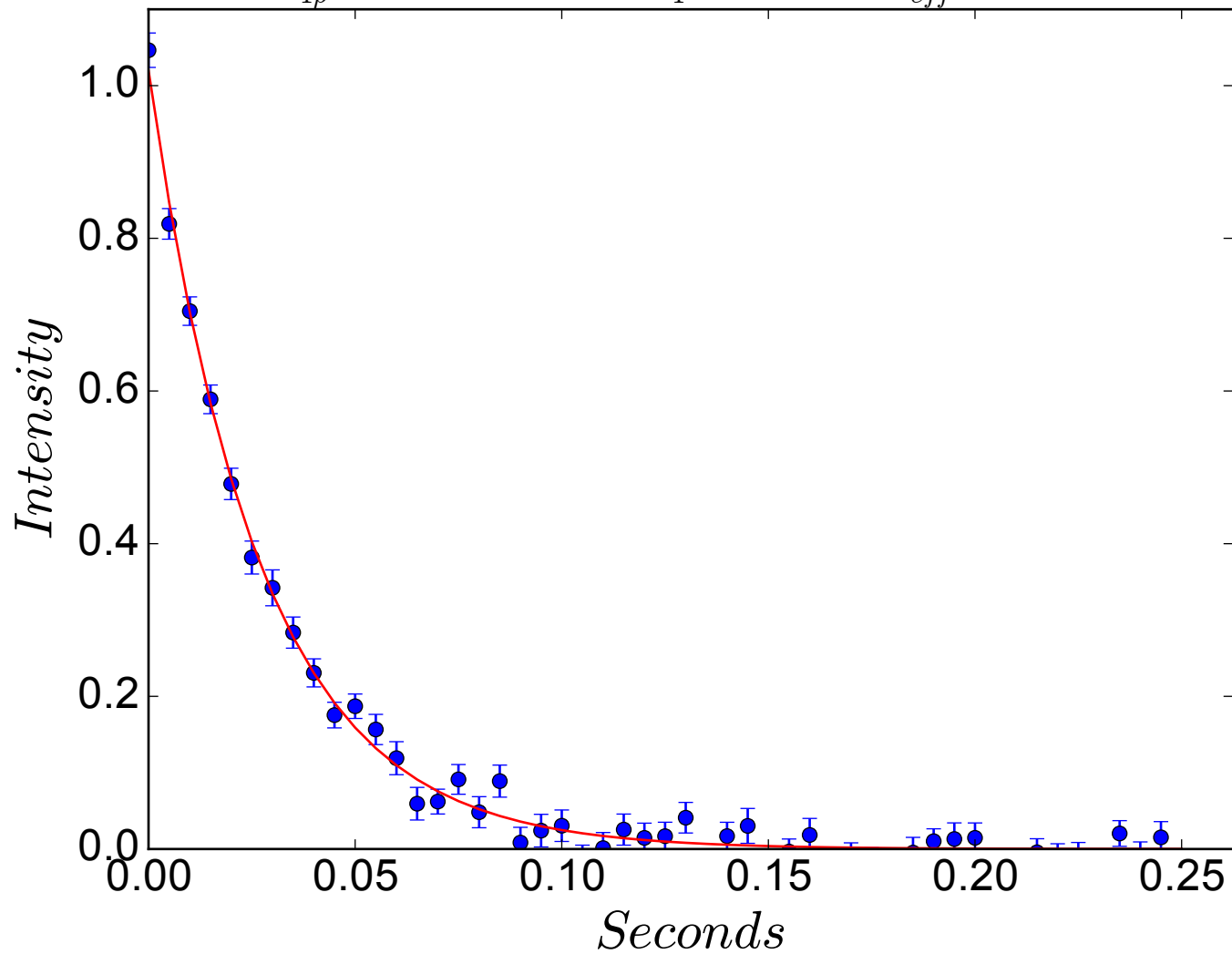




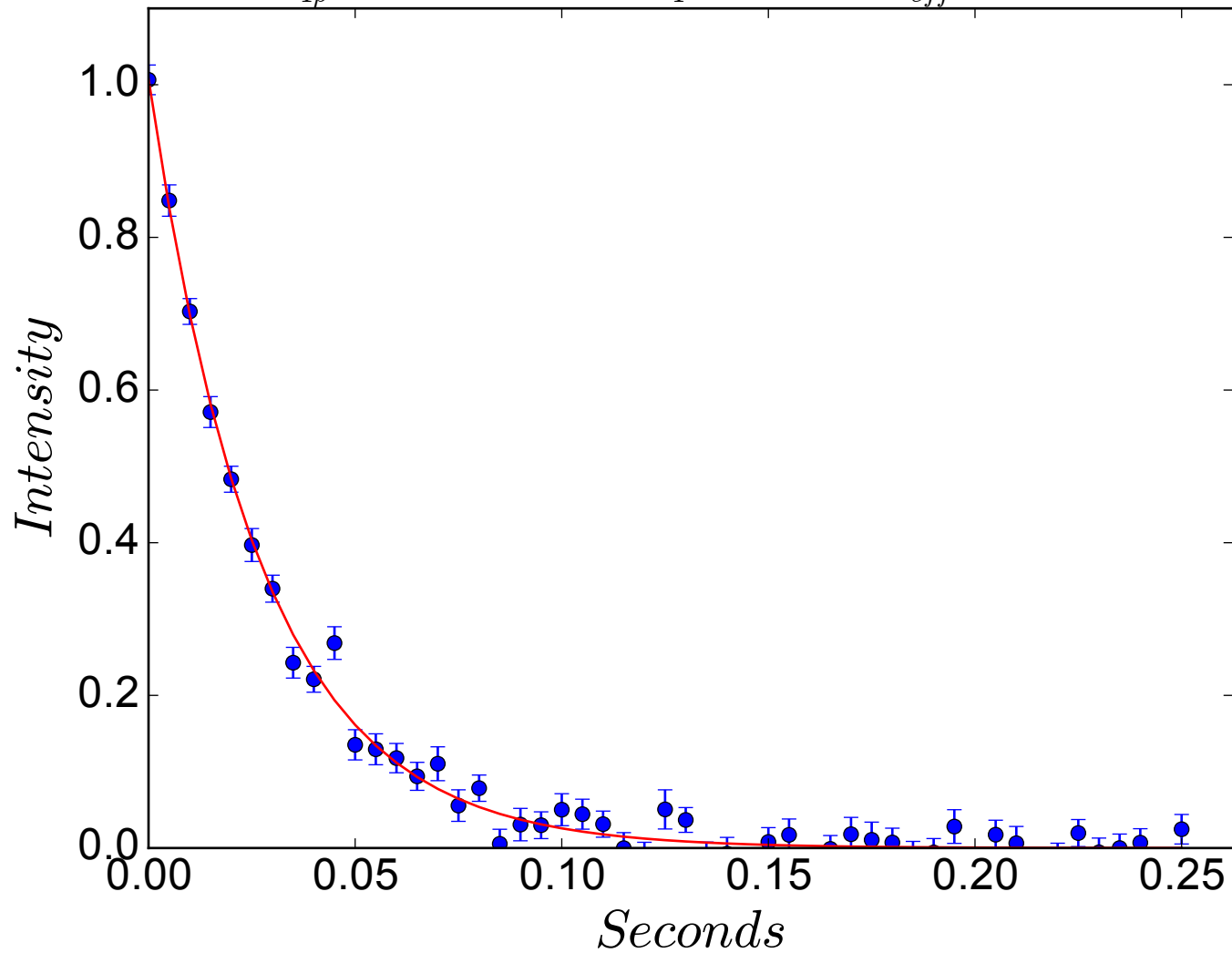
$$R_{1\rho} = 36.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 106 \text{ Hz}$$



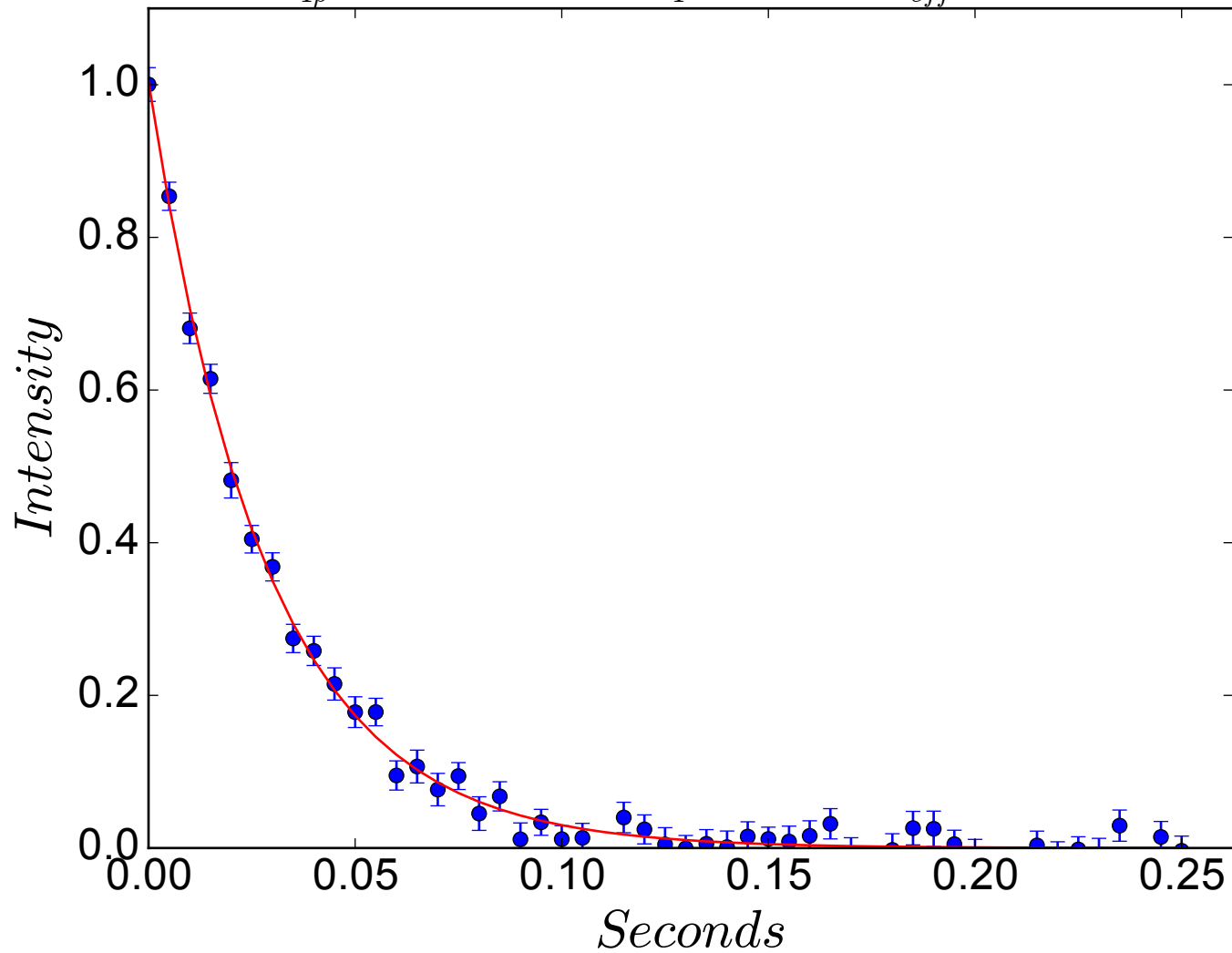
$$R_{1\rho} = 37.2 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 116 \text{ Hz}$$



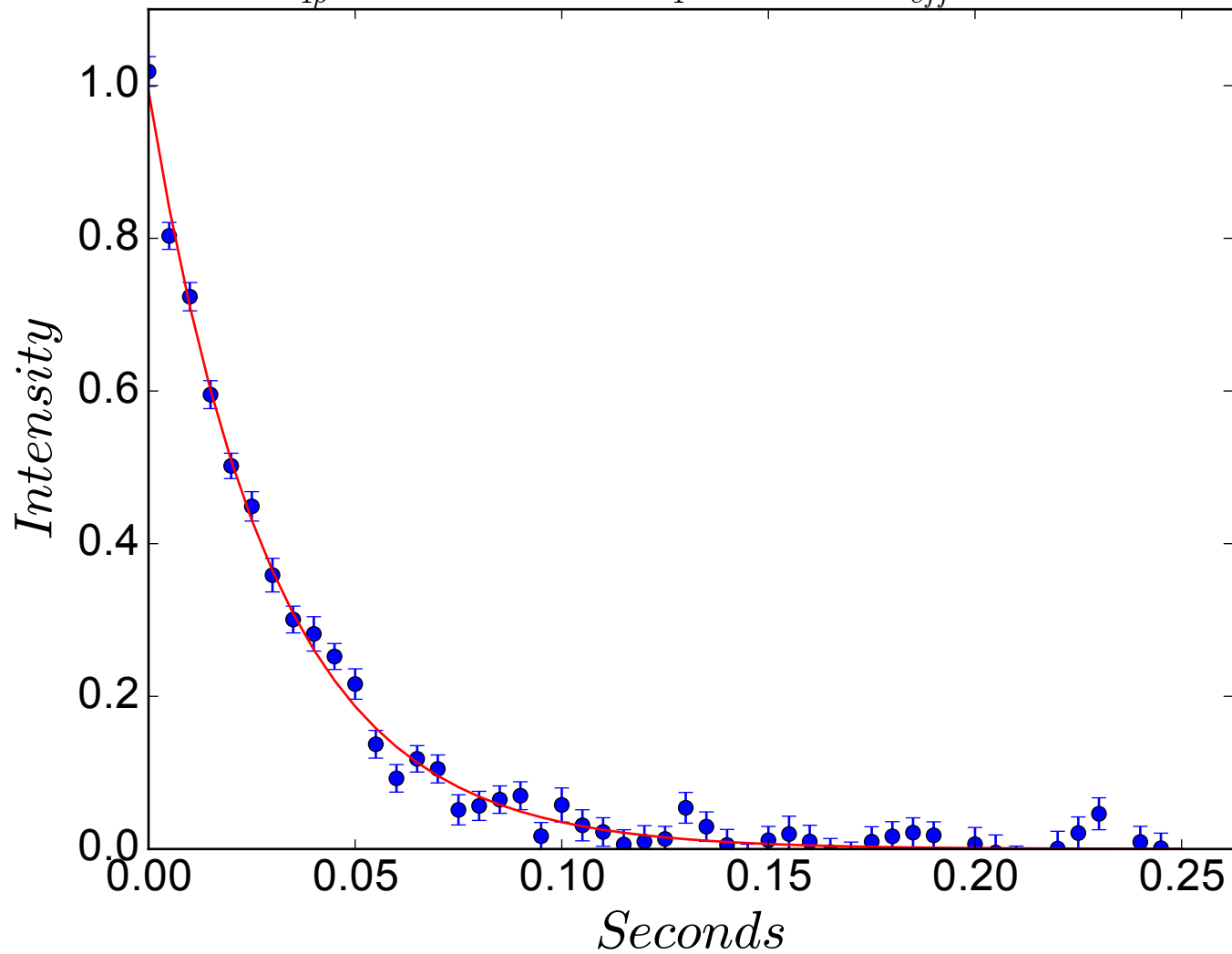
$$R_{1\rho} = 36.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 126 \text{ Hz}$$



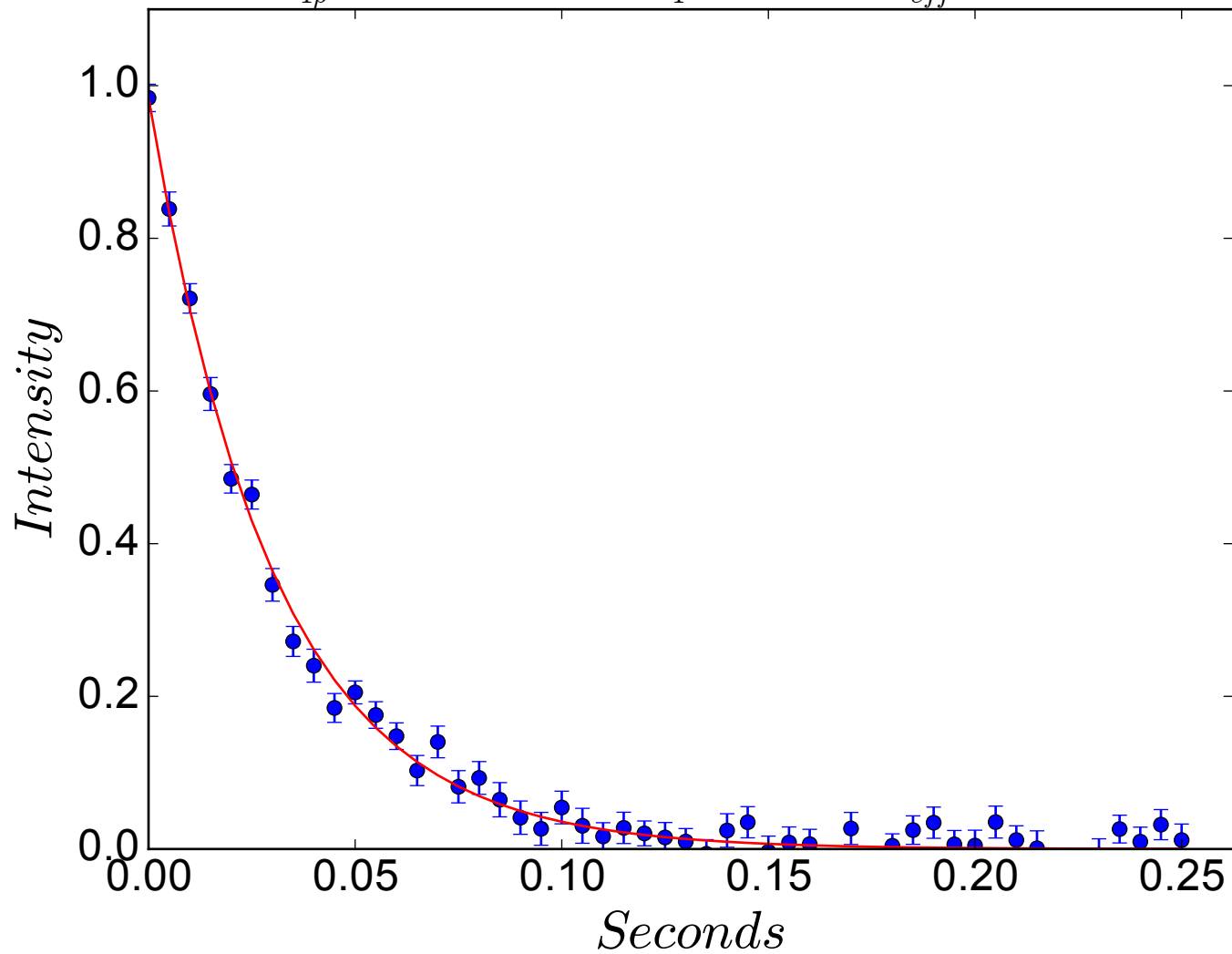
$$R_{1\rho} = 35.1 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 136 \text{ Hz}$$



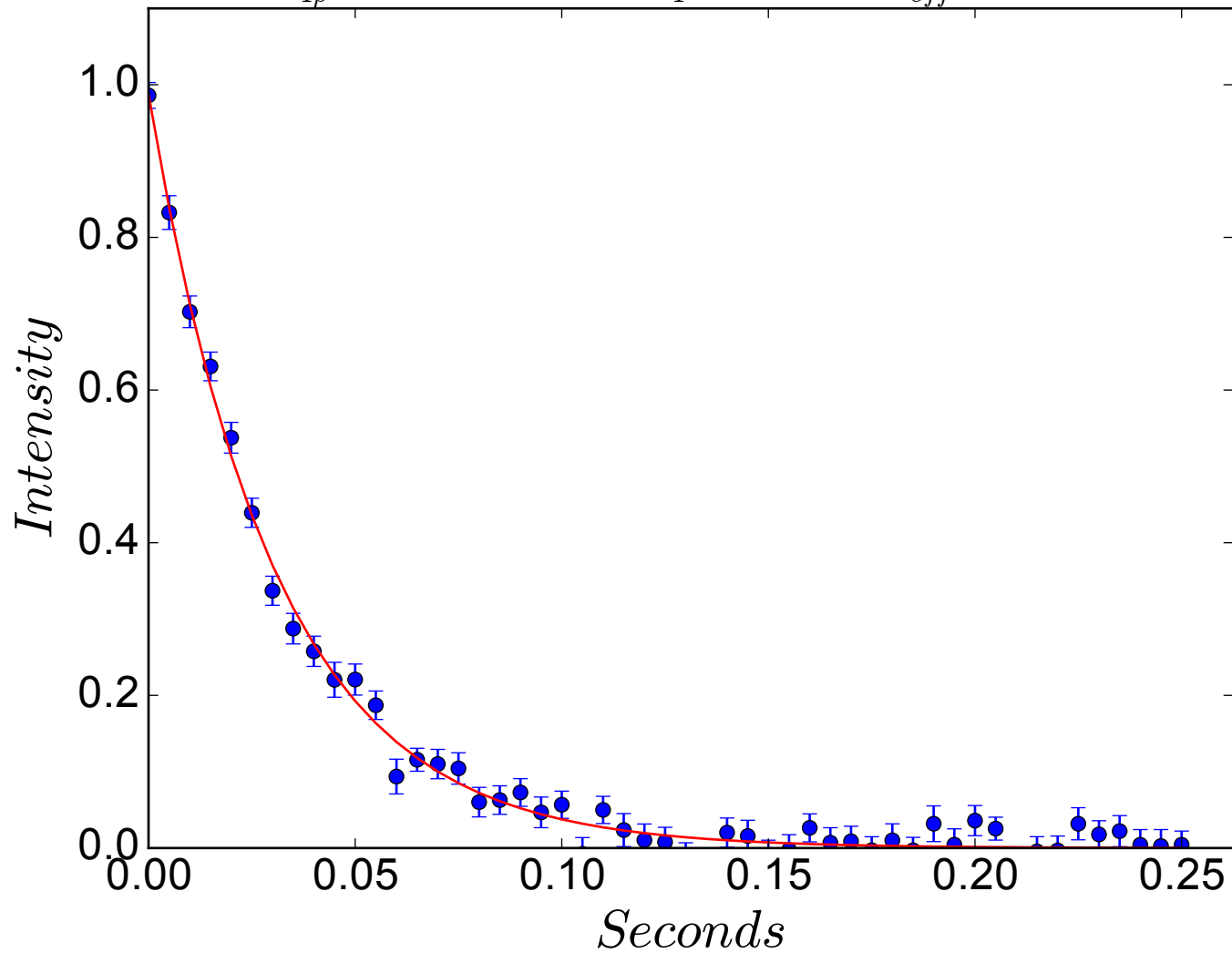
$$R_{1\rho} = 33.4 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 146 \text{ Hz}$$



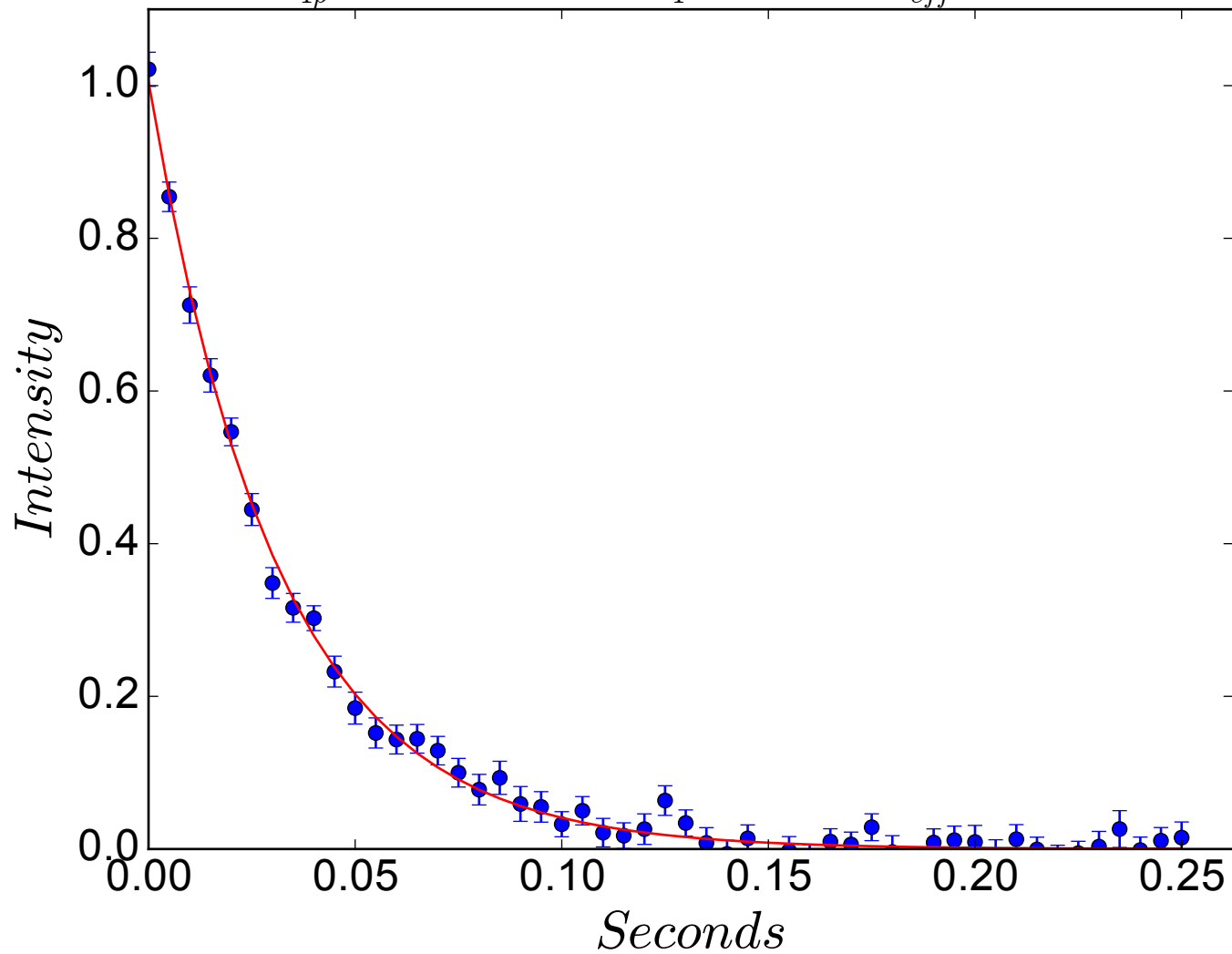
$$R_{1\rho} = 33.2 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 156 \text{ Hz}$$



$$R_{1\rho} = 32.7 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 166 \text{ Hz}$$

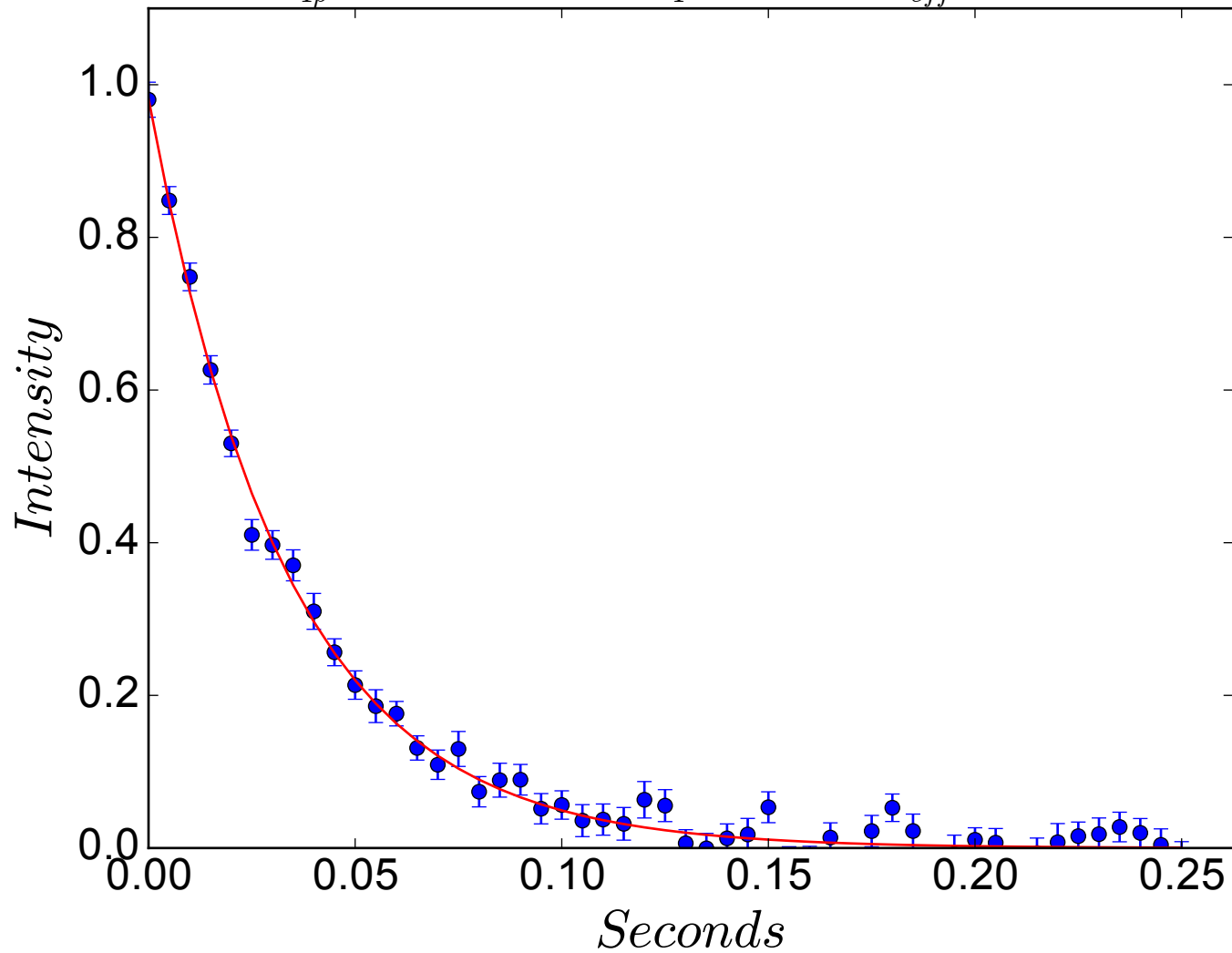


$$R_{1\rho} = 32.0 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 176 \text{ Hz}$$

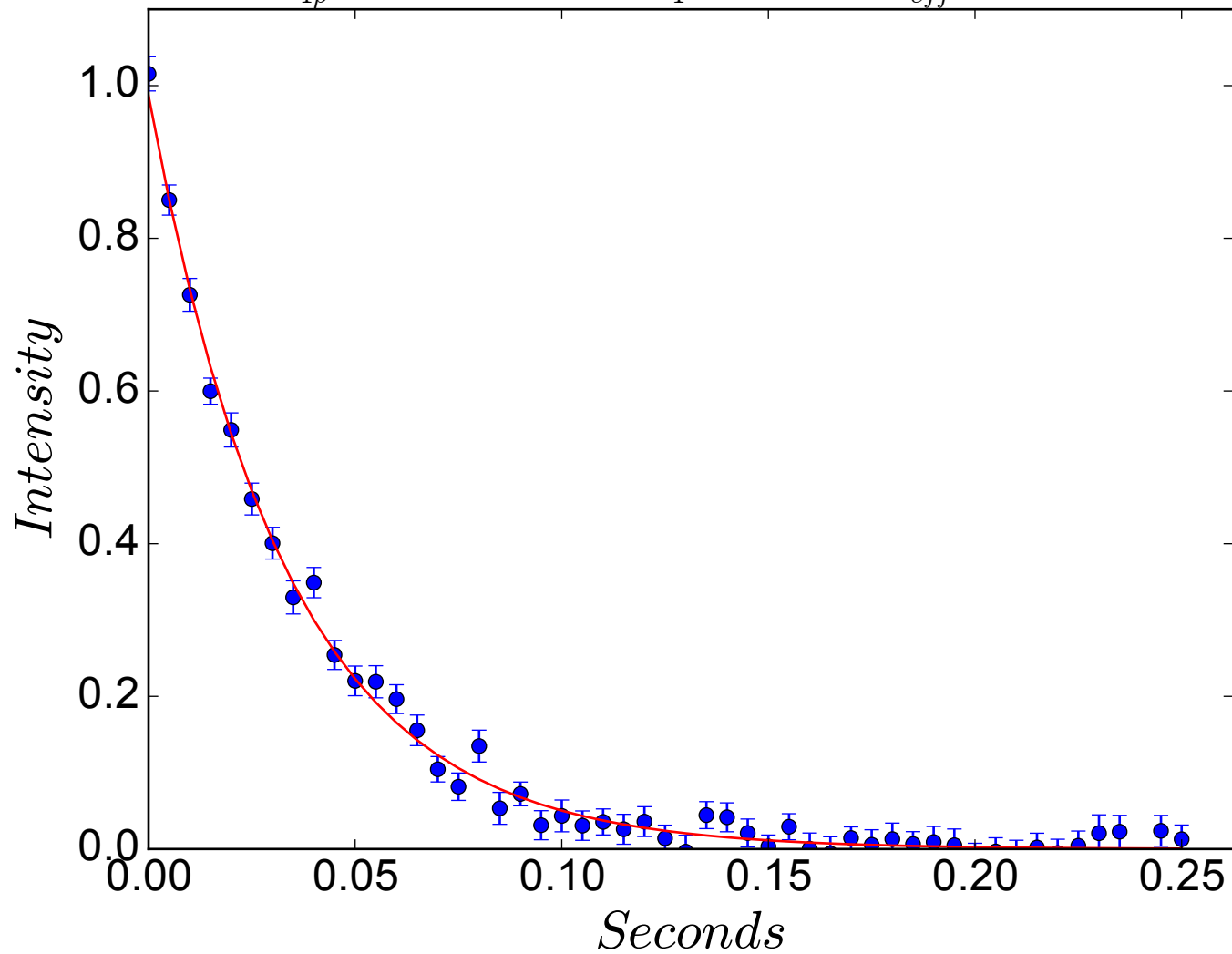




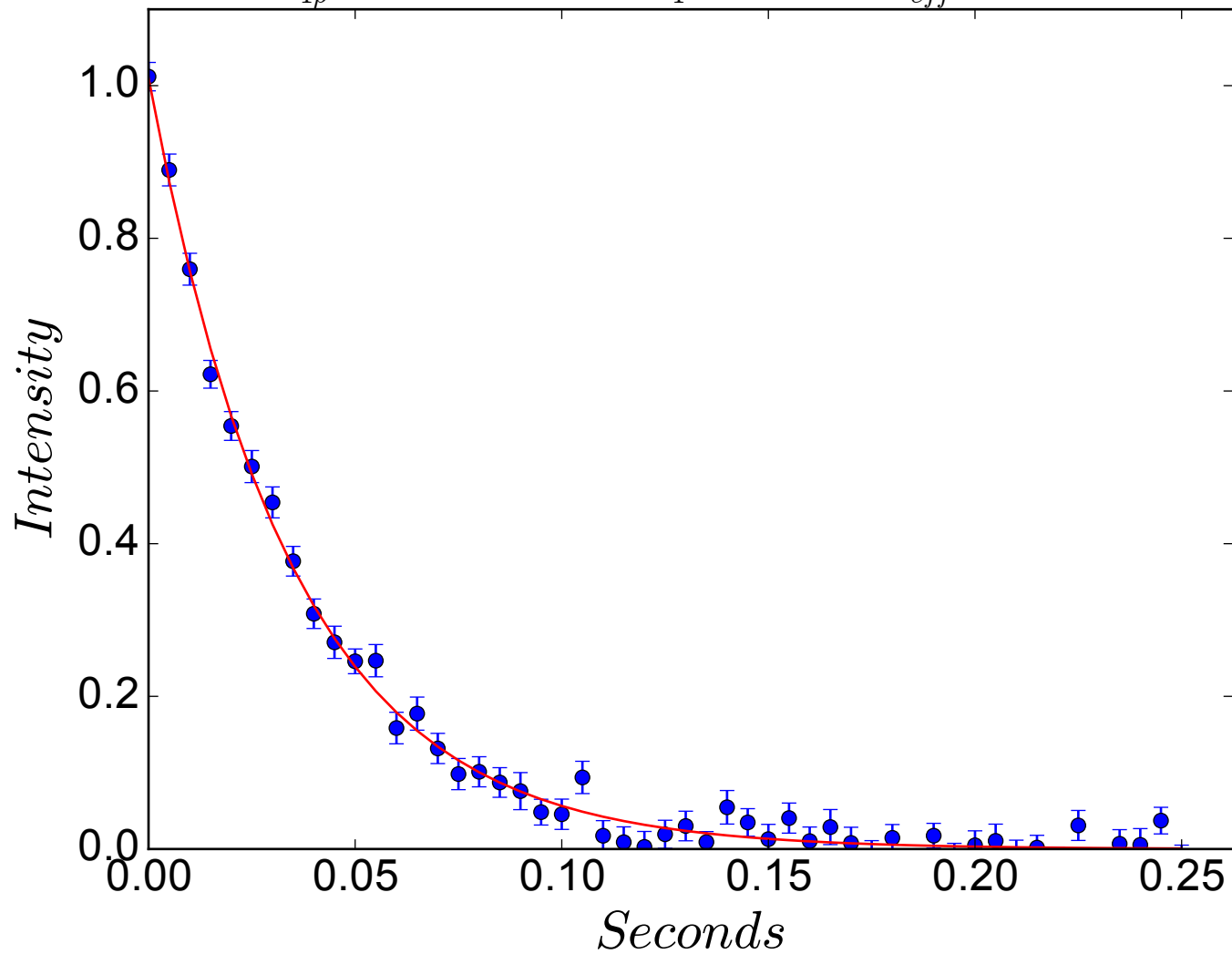
$$R_{1\rho} = 29.9 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 186 \text{ Hz}$$



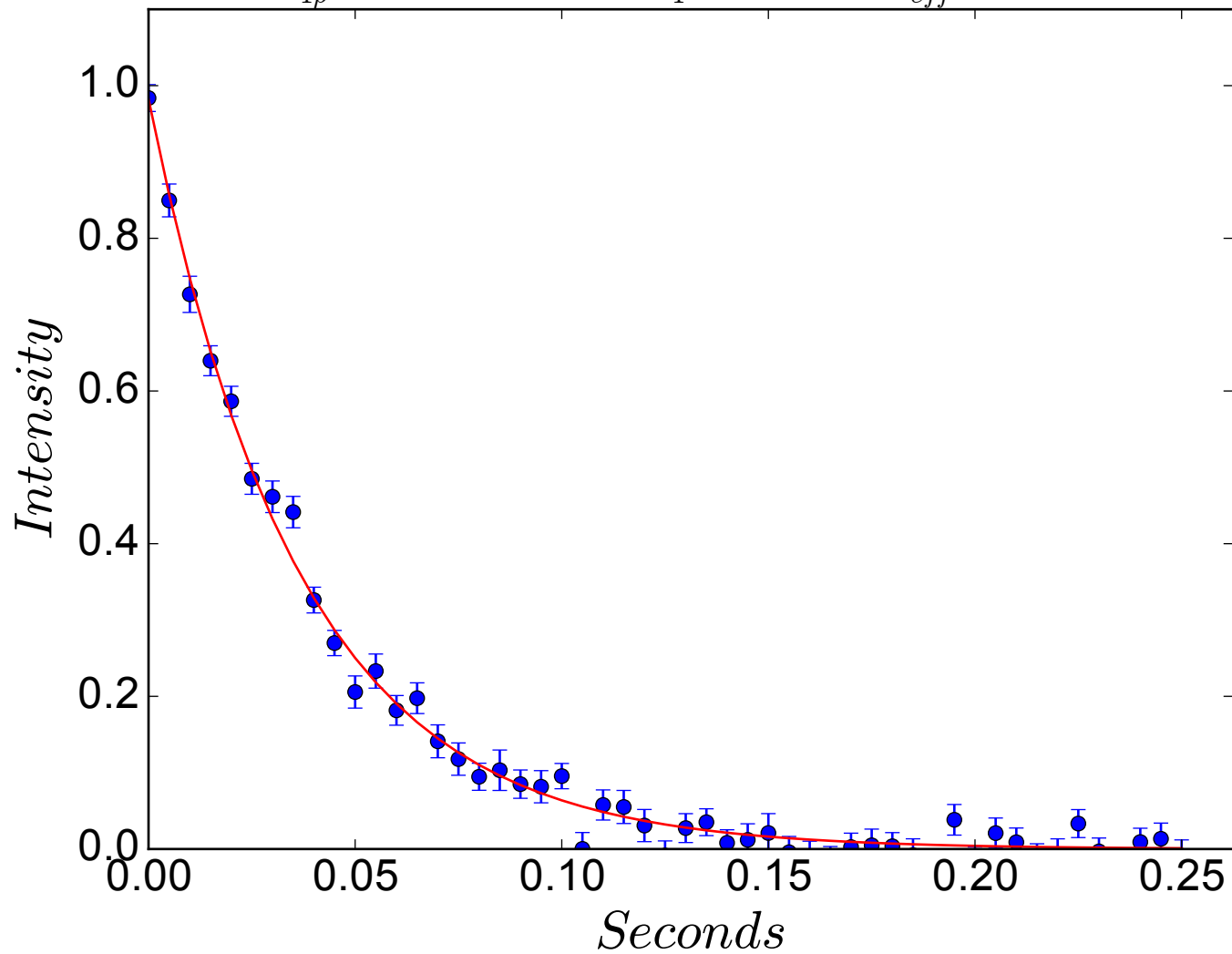
$$R_{1\rho} = 29.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 196 \text{ Hz}$$



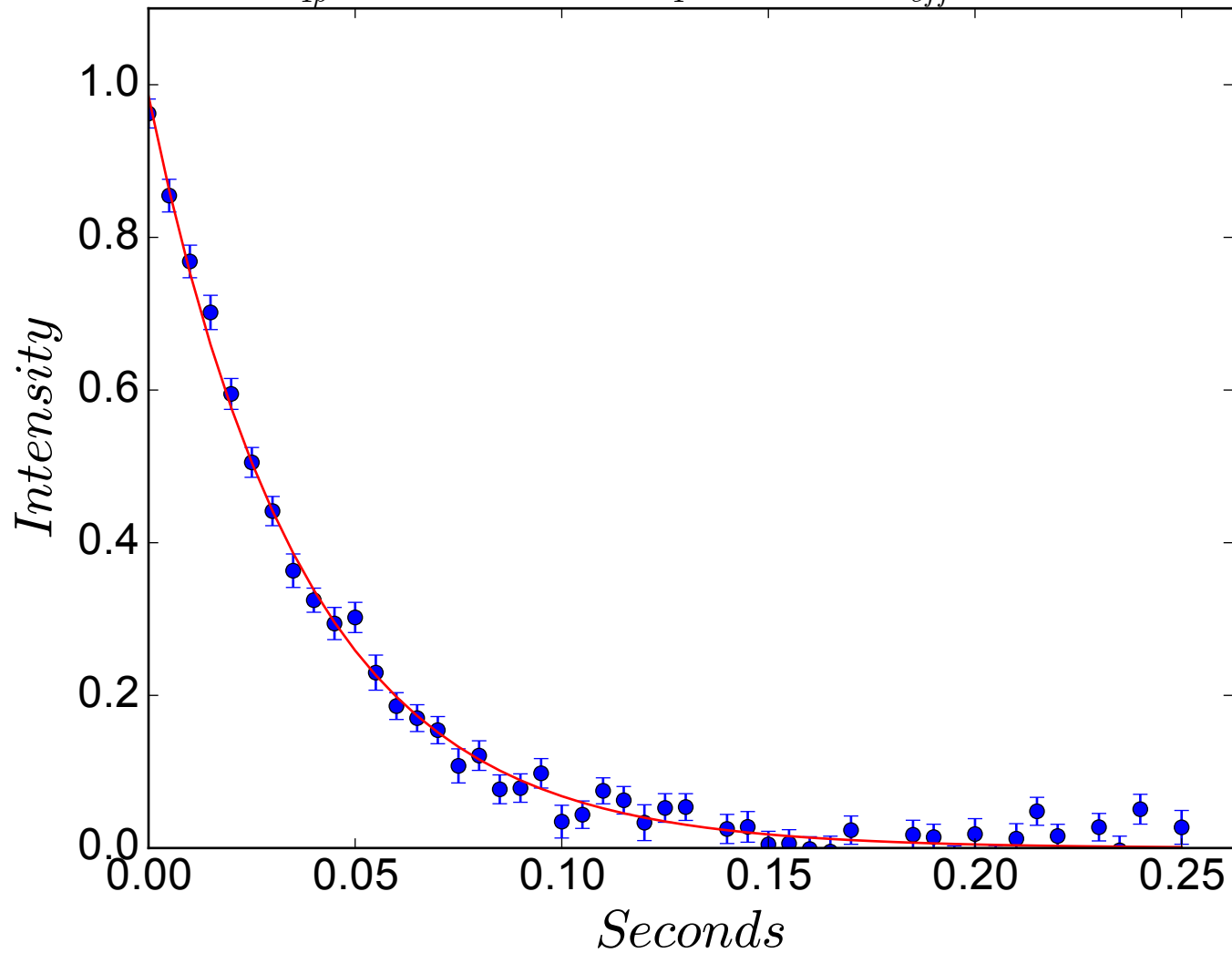
$$R_{1\rho} = 28.8 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 206 \text{ Hz}$$



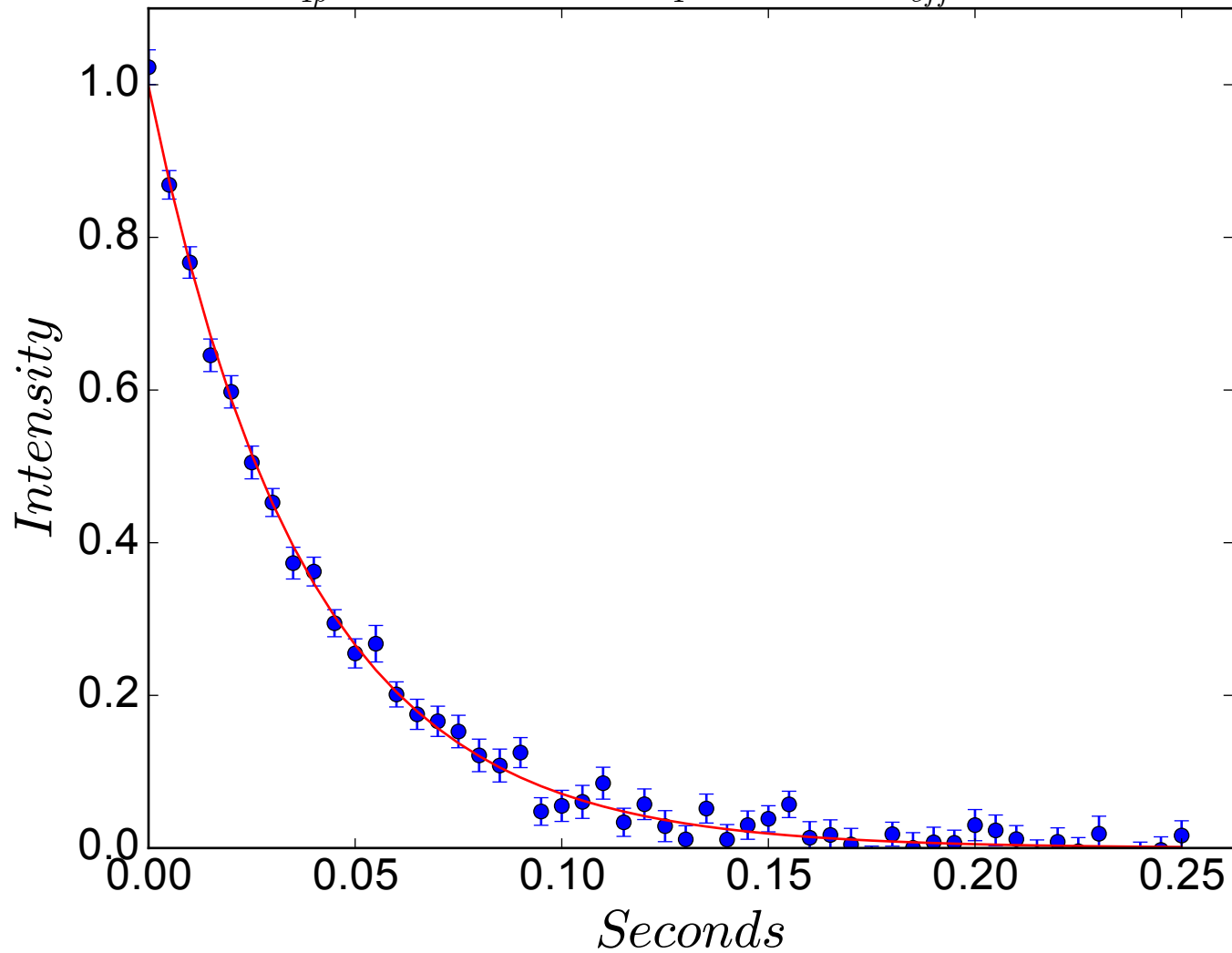
$$R_{1\rho} = 27.3 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 216 \text{ Hz}$$



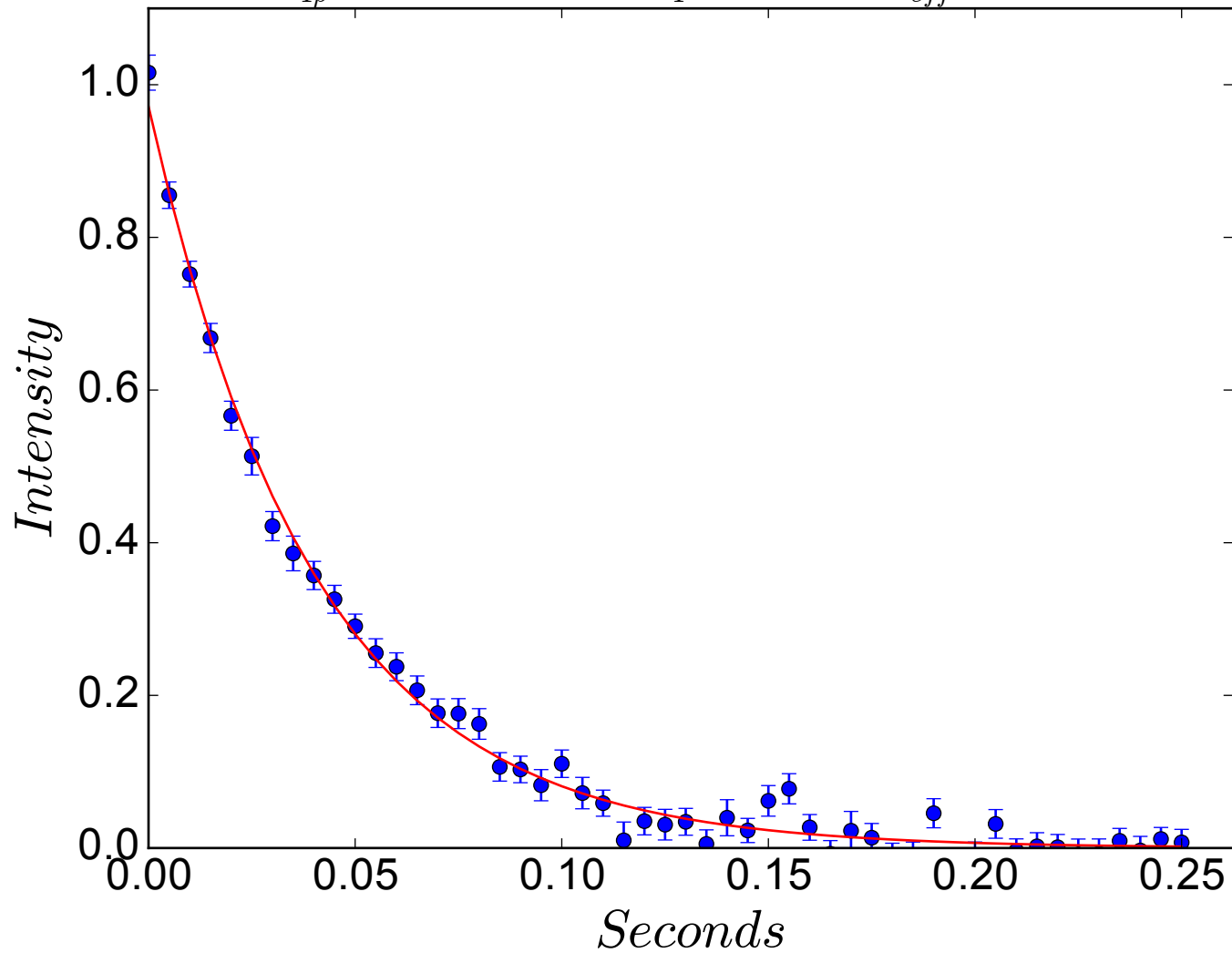
$$R_{1\rho} = 26.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 226 \text{ Hz}$$



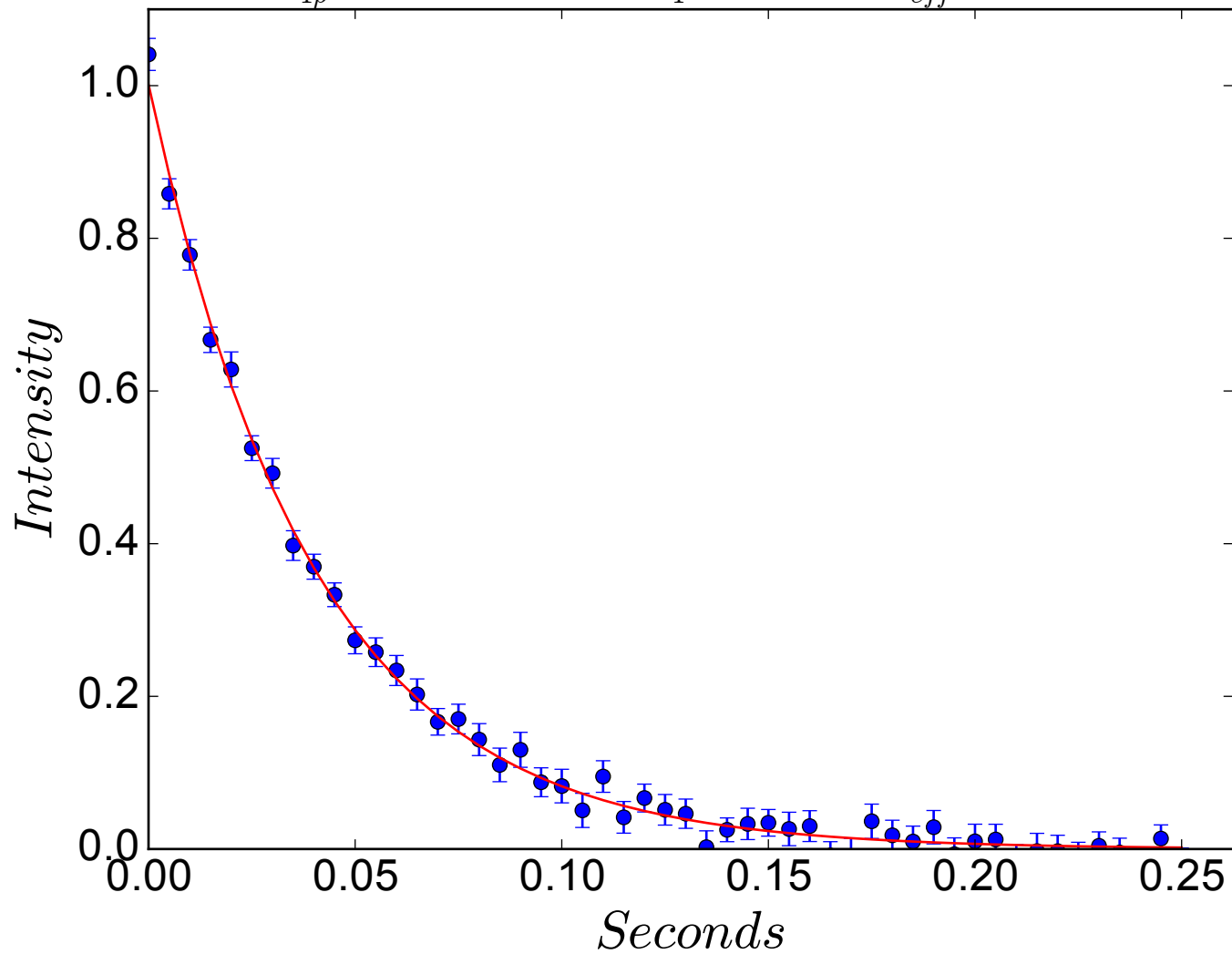
$$R_{1\rho} = 26.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 236 \text{ Hz}$$



$$R_{1\rho} = 24.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 246 \text{ Hz}$$

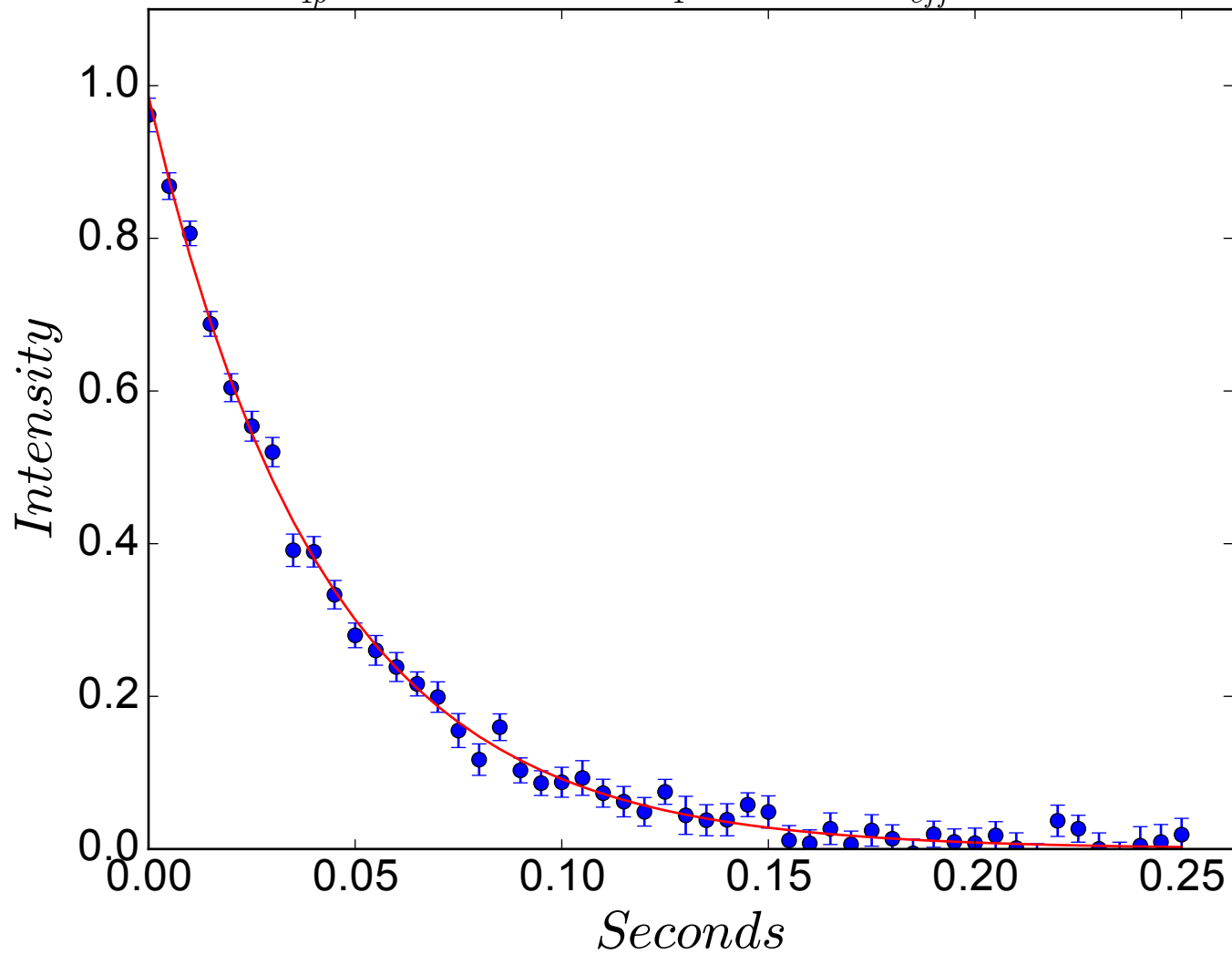


$$R_{1\rho} = 25.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 256 \text{ Hz}$$

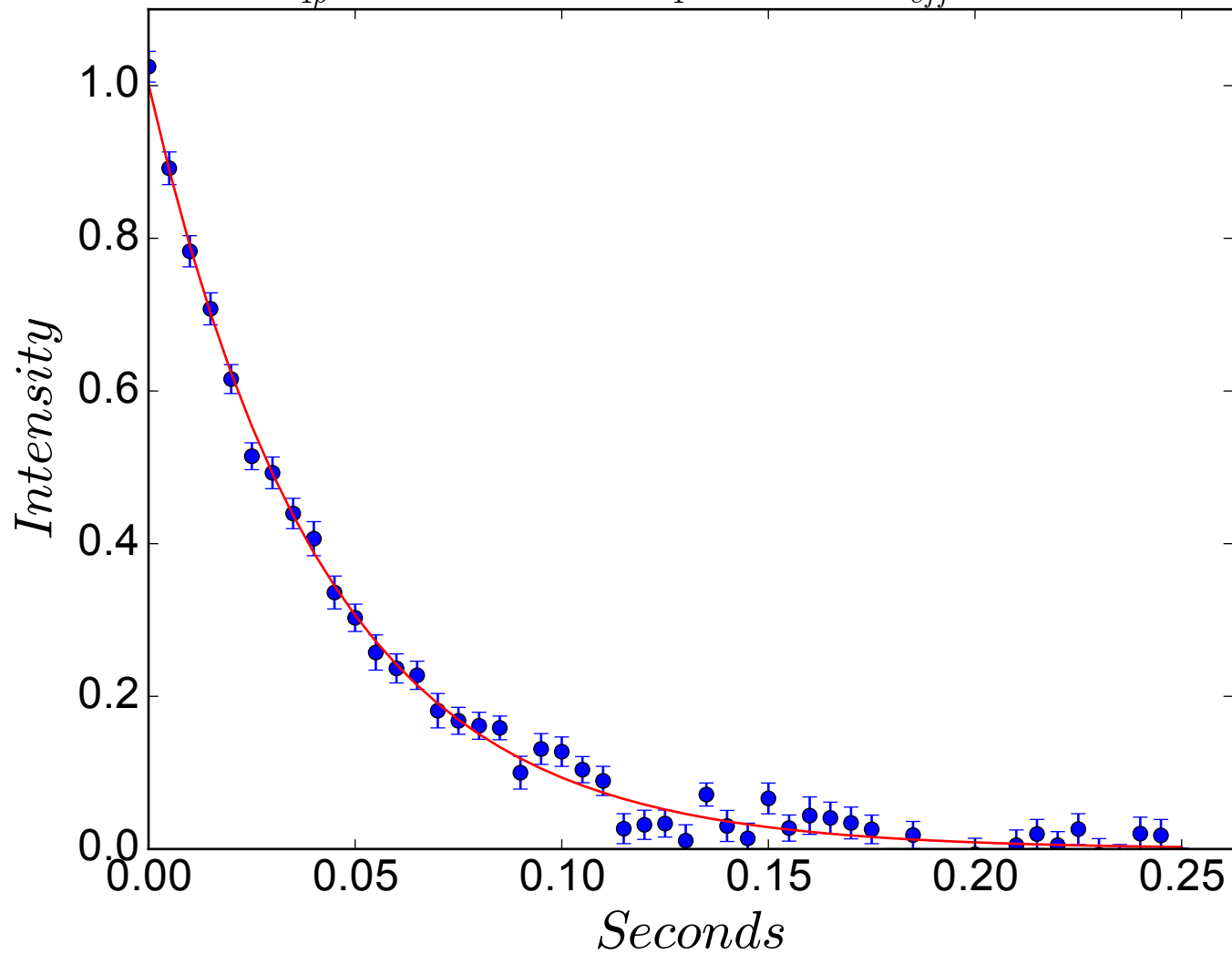




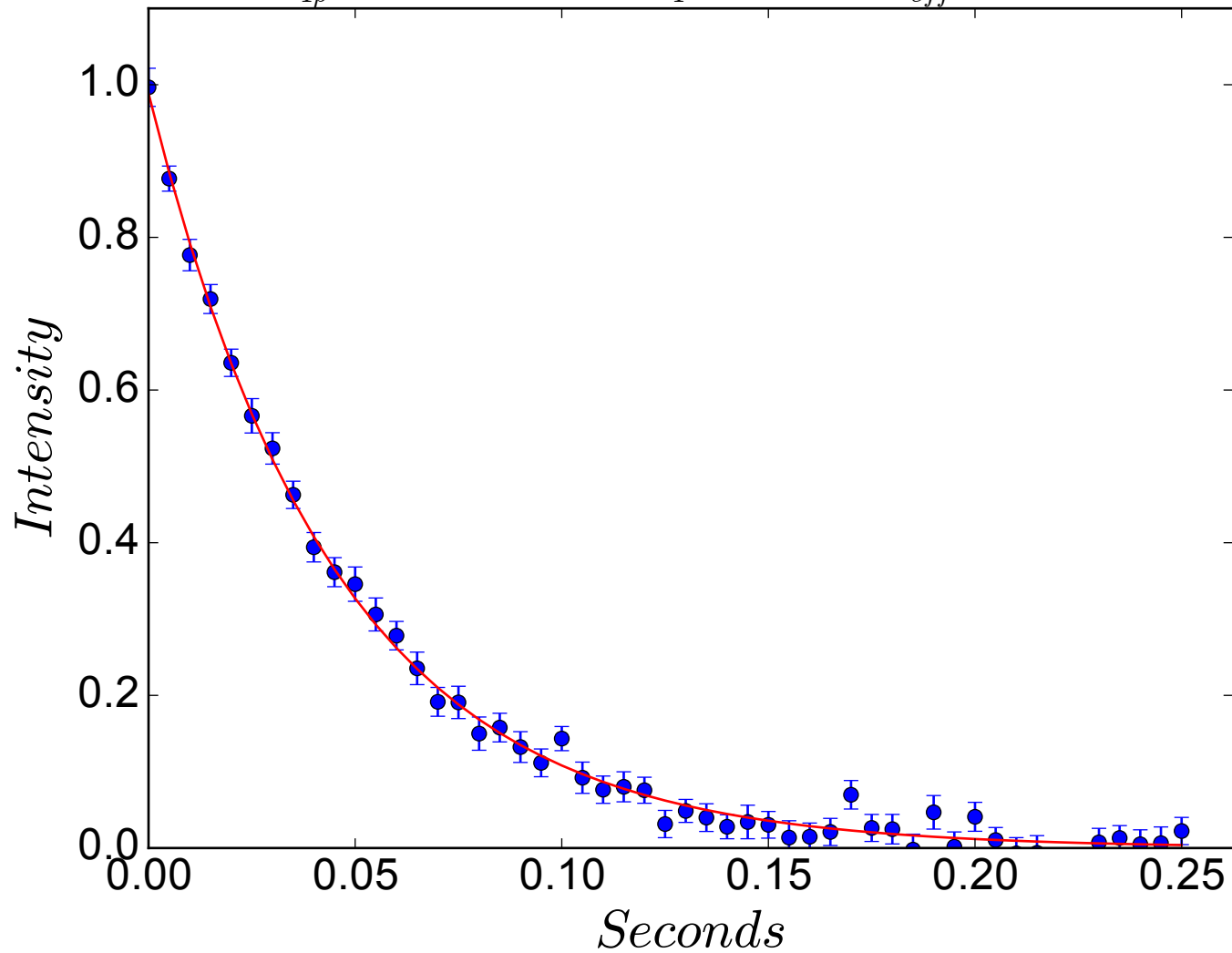
$$R_{1\rho} = 23.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 266 \text{ Hz}$$



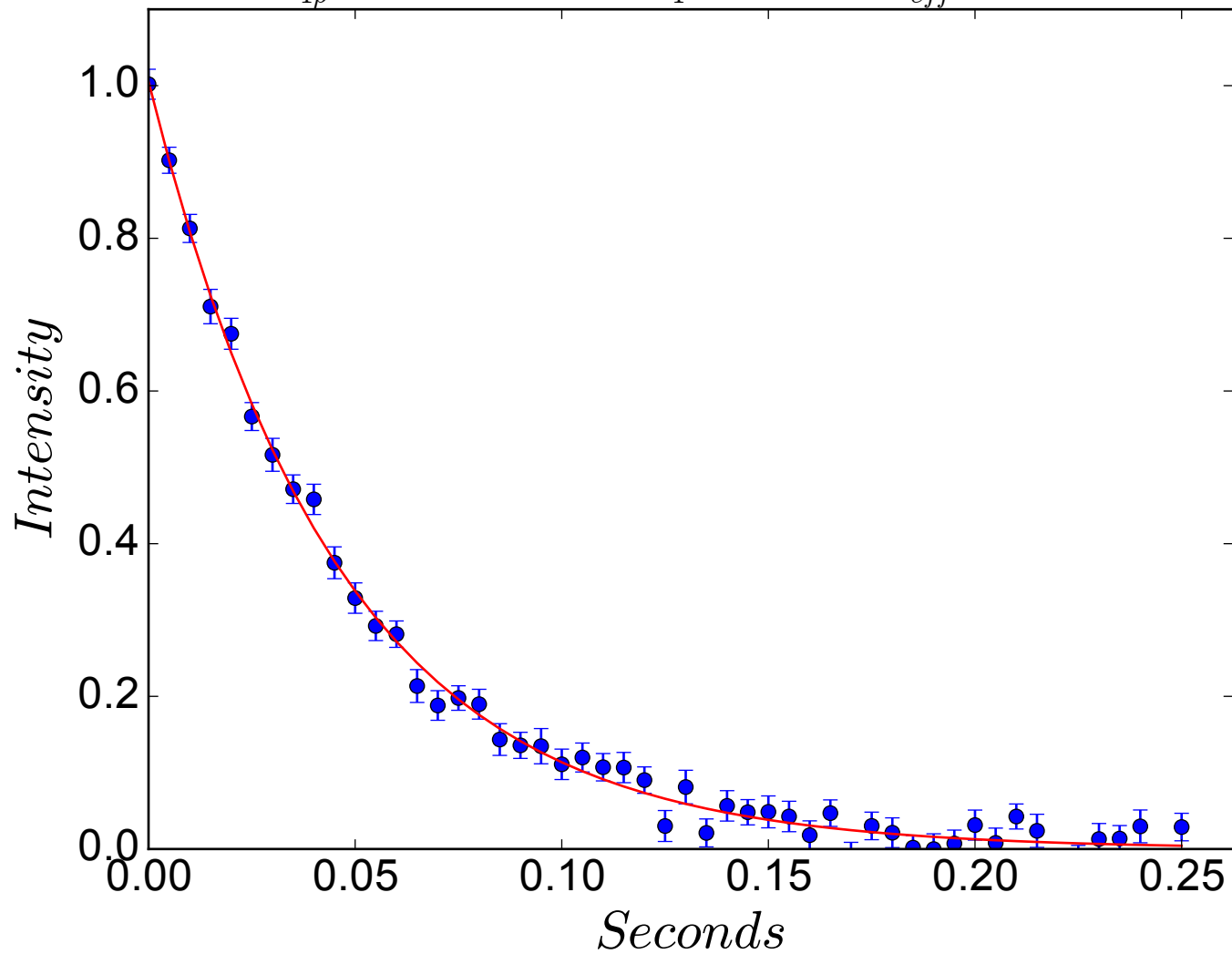
$$R_{1\rho} = 23.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 276 \text{ Hz}$$



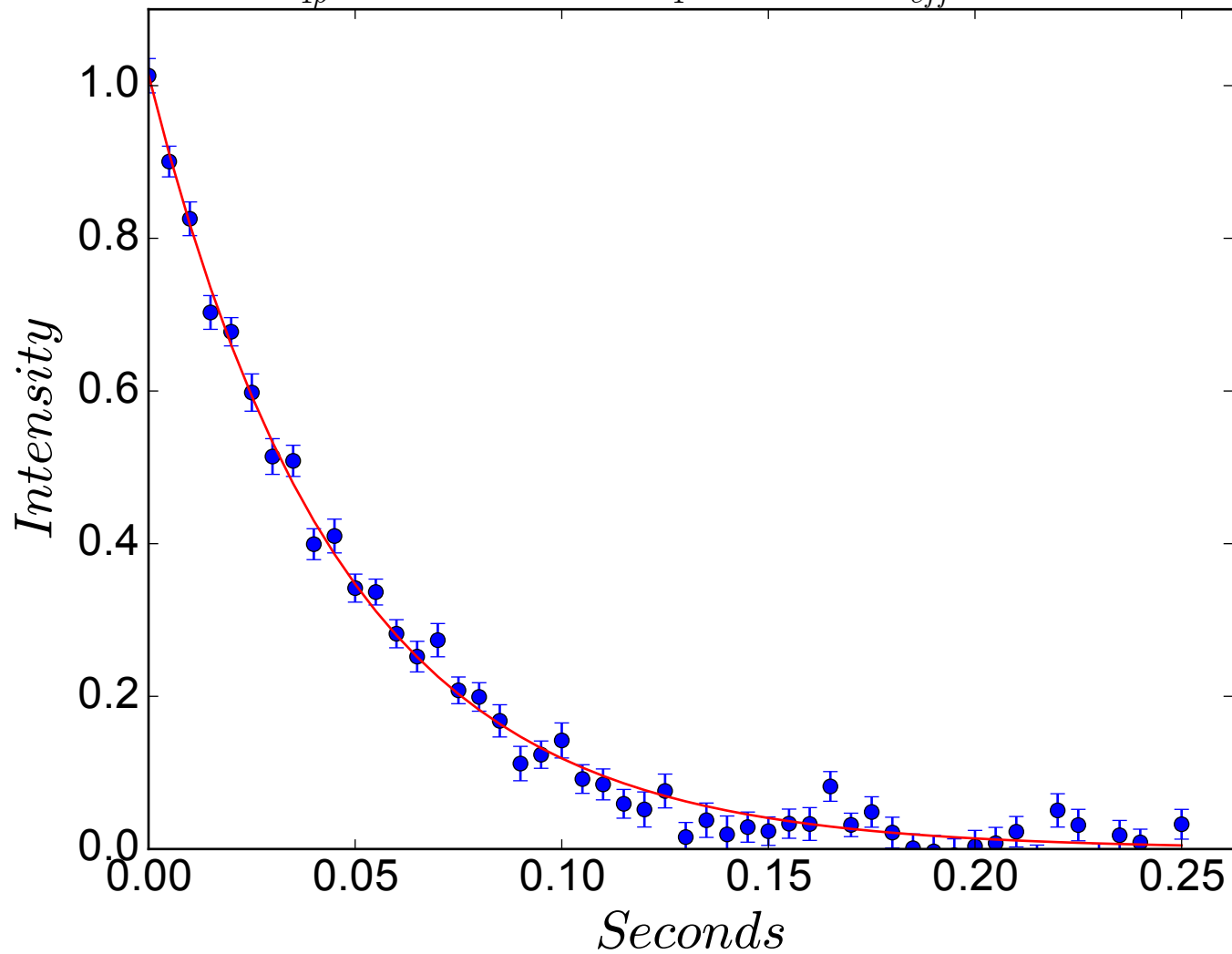
$$R_{1\rho} = 22.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 286 \text{ Hz}$$



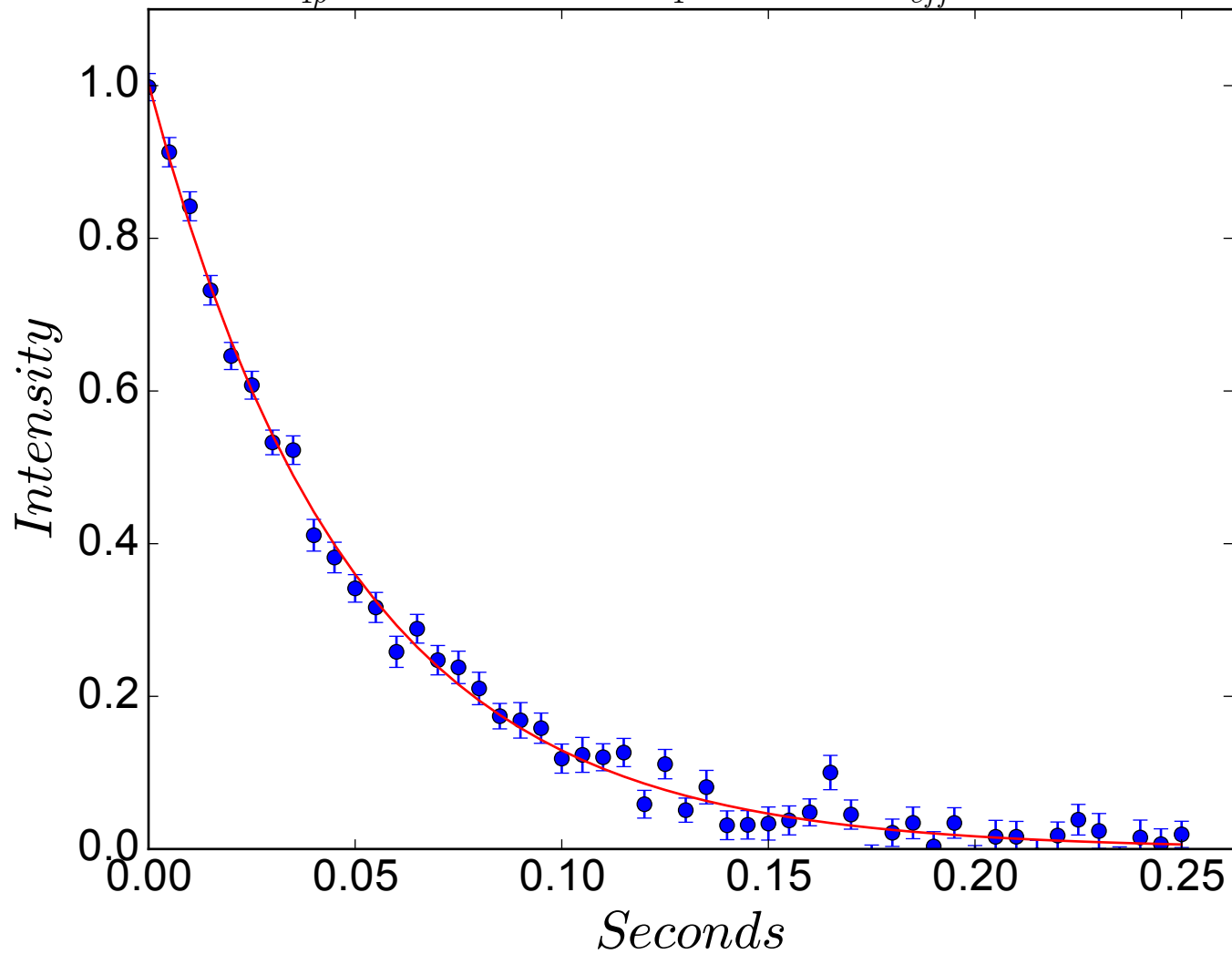
$$R_{1\rho} = 21.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 296 \text{ Hz}$$



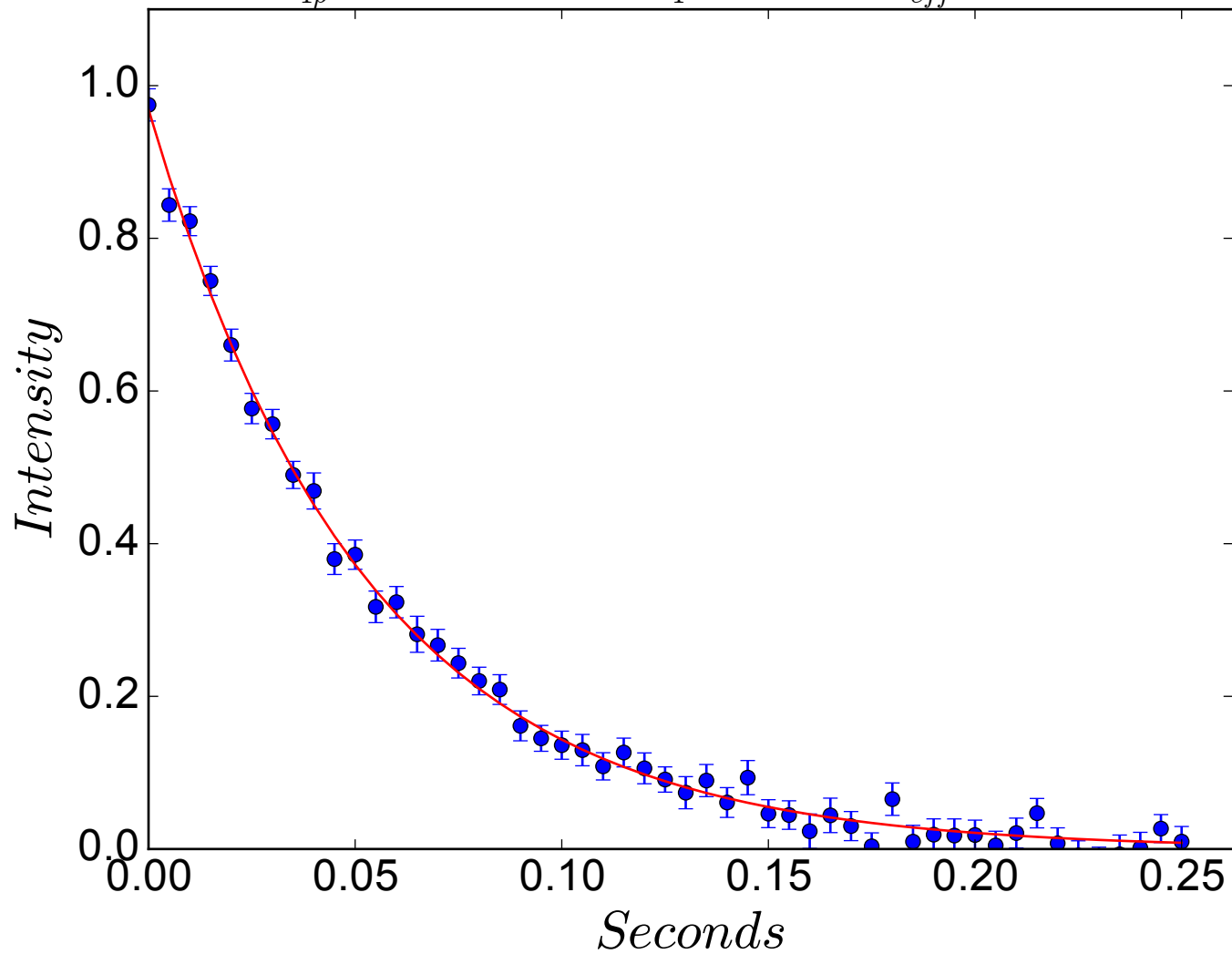
$$R_{1\rho} = 21.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 307 \text{ Hz}$$



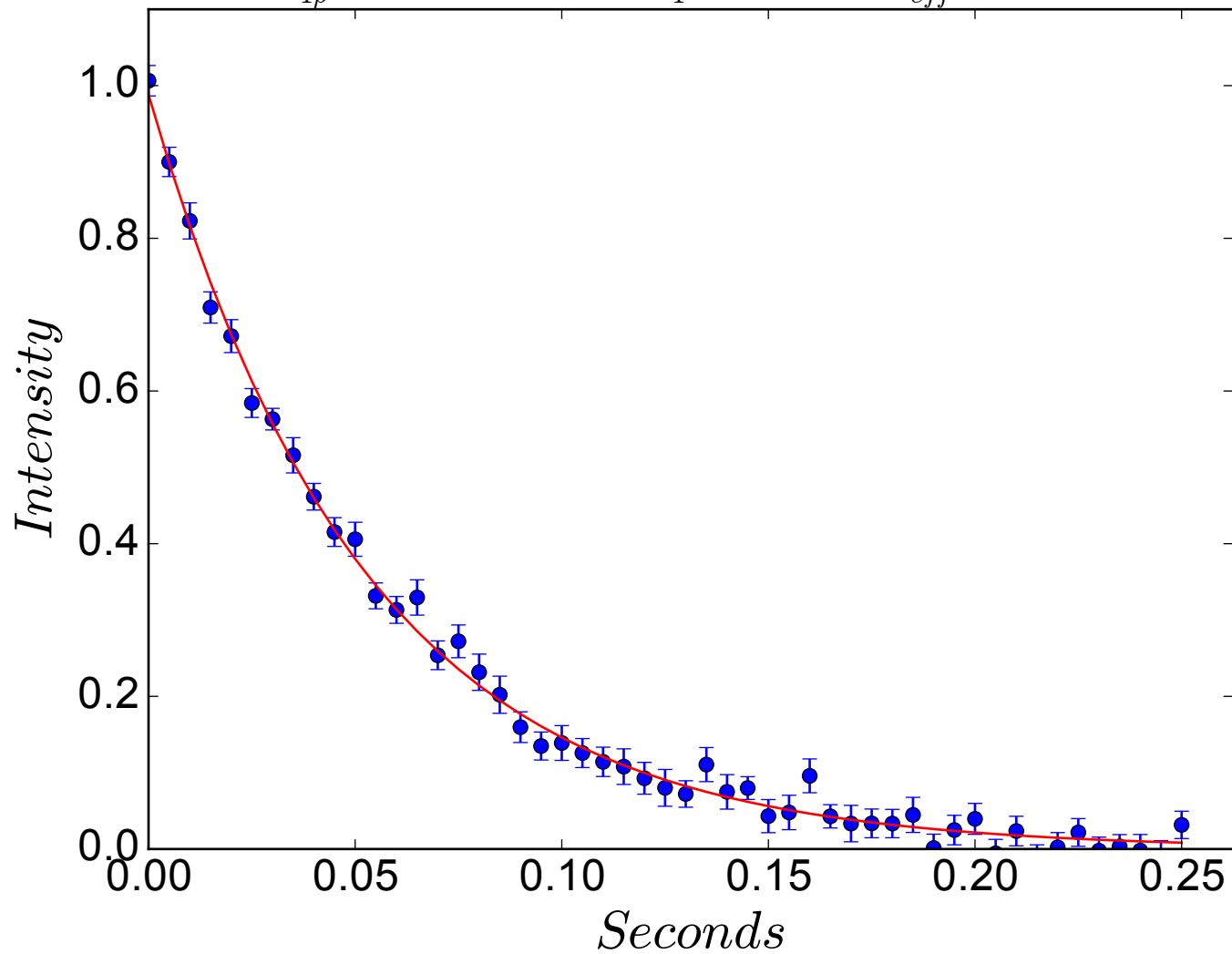
$$R_{1\rho} = 20.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 317 \text{ Hz}$$



$$R_{1\rho} = 19.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 327 \text{ Hz}$$

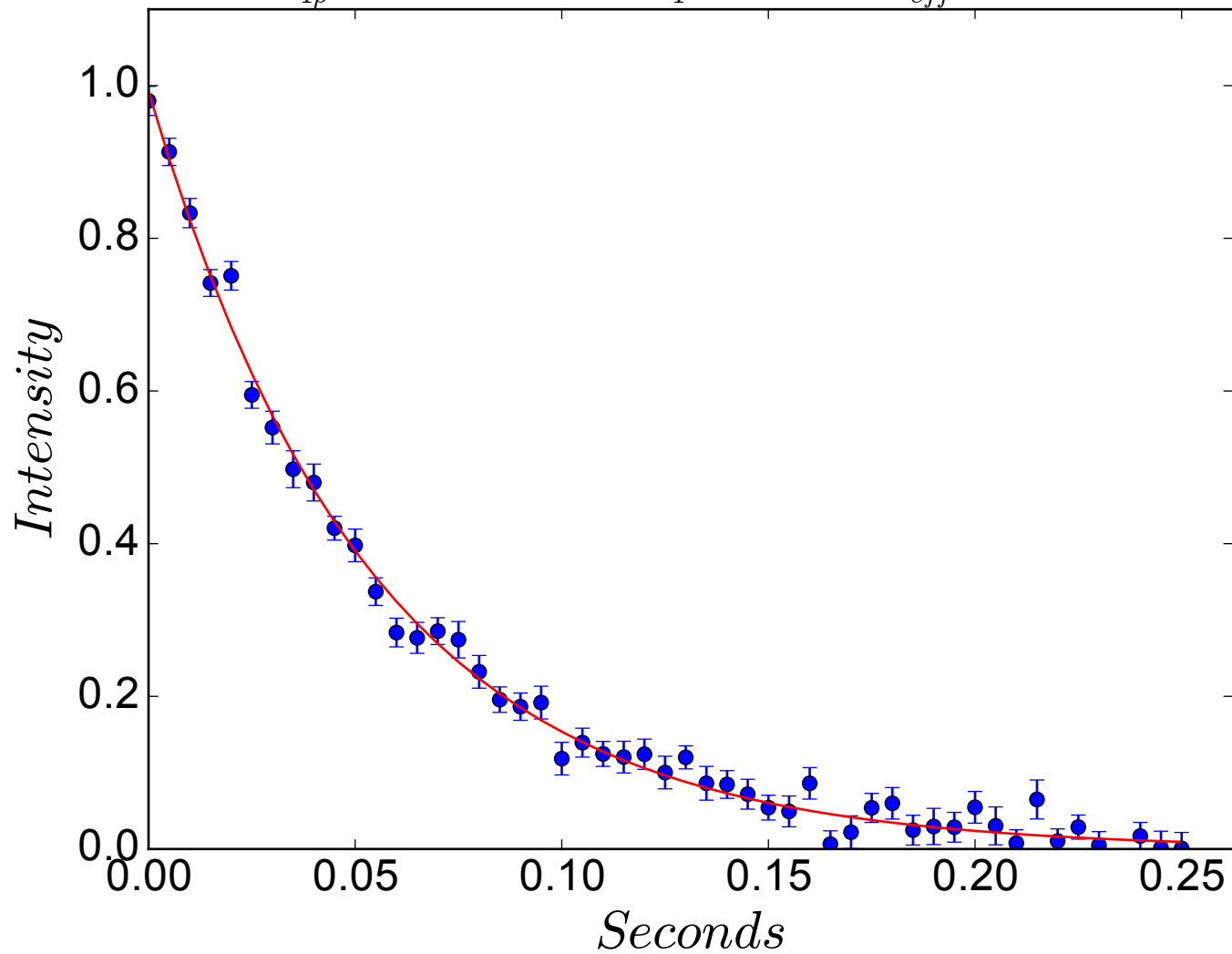


$$R_{1\rho} = 19.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 337 \text{ Hz}$$

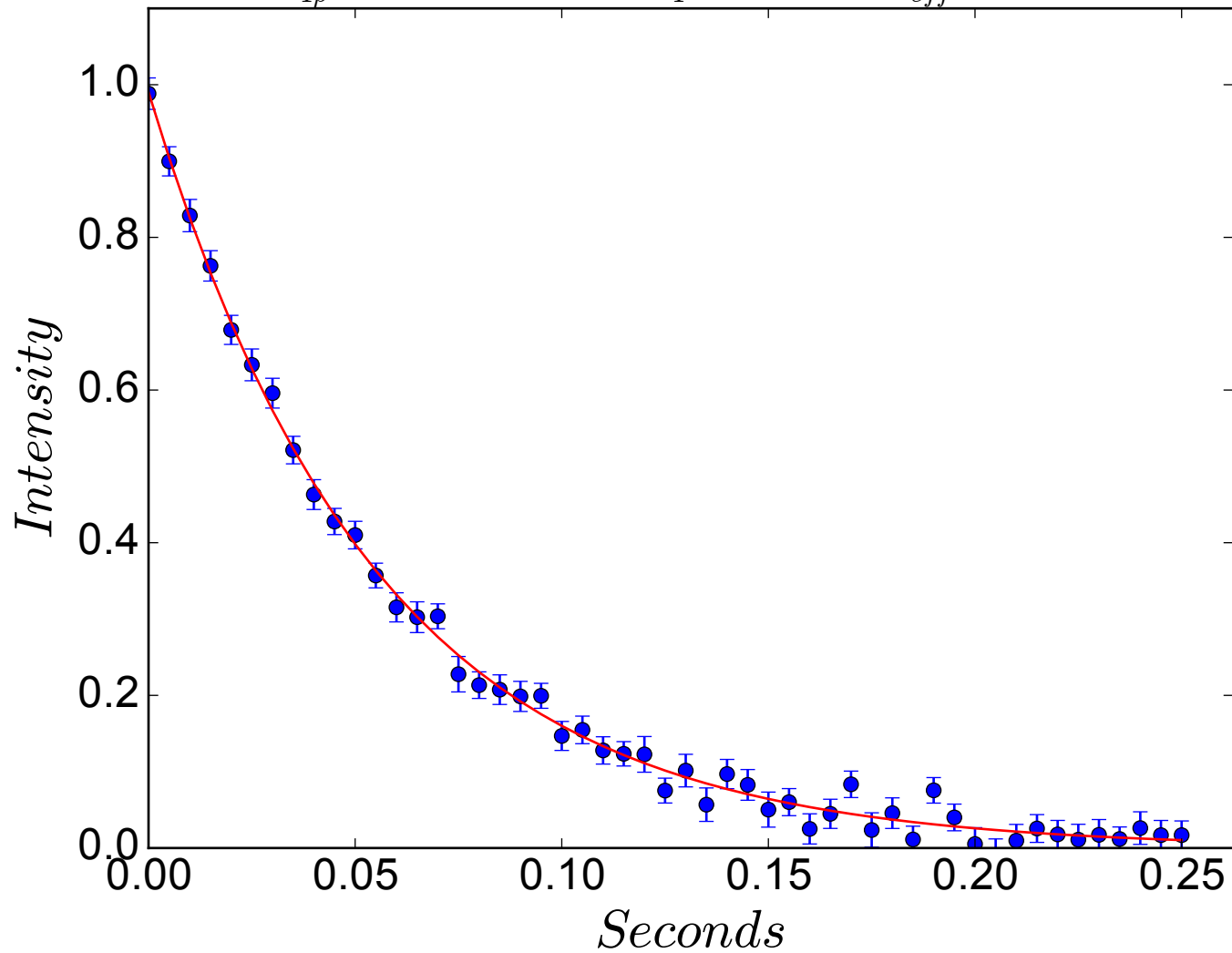




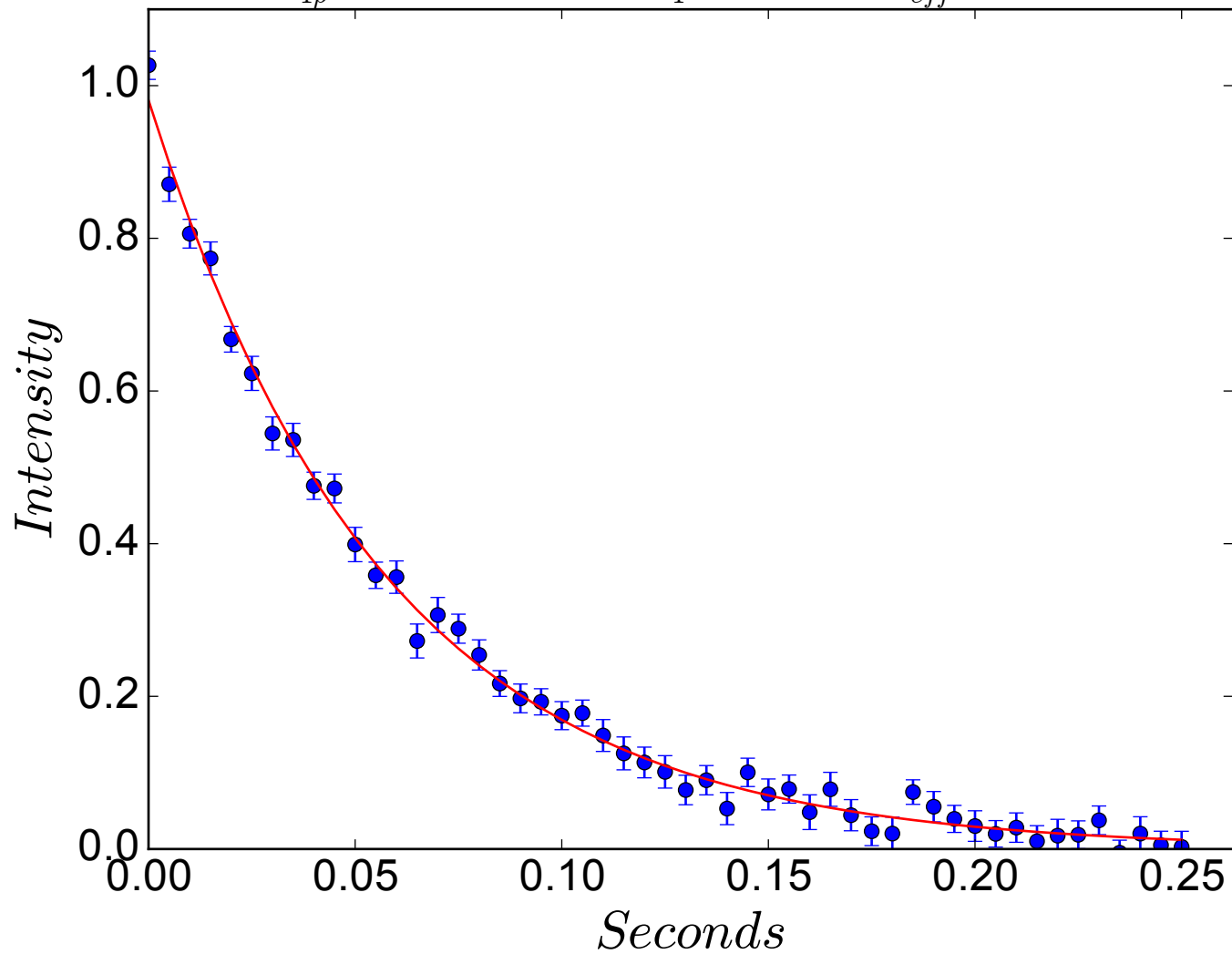
$$R_{1\rho} = 18.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 347 \text{ Hz}$$



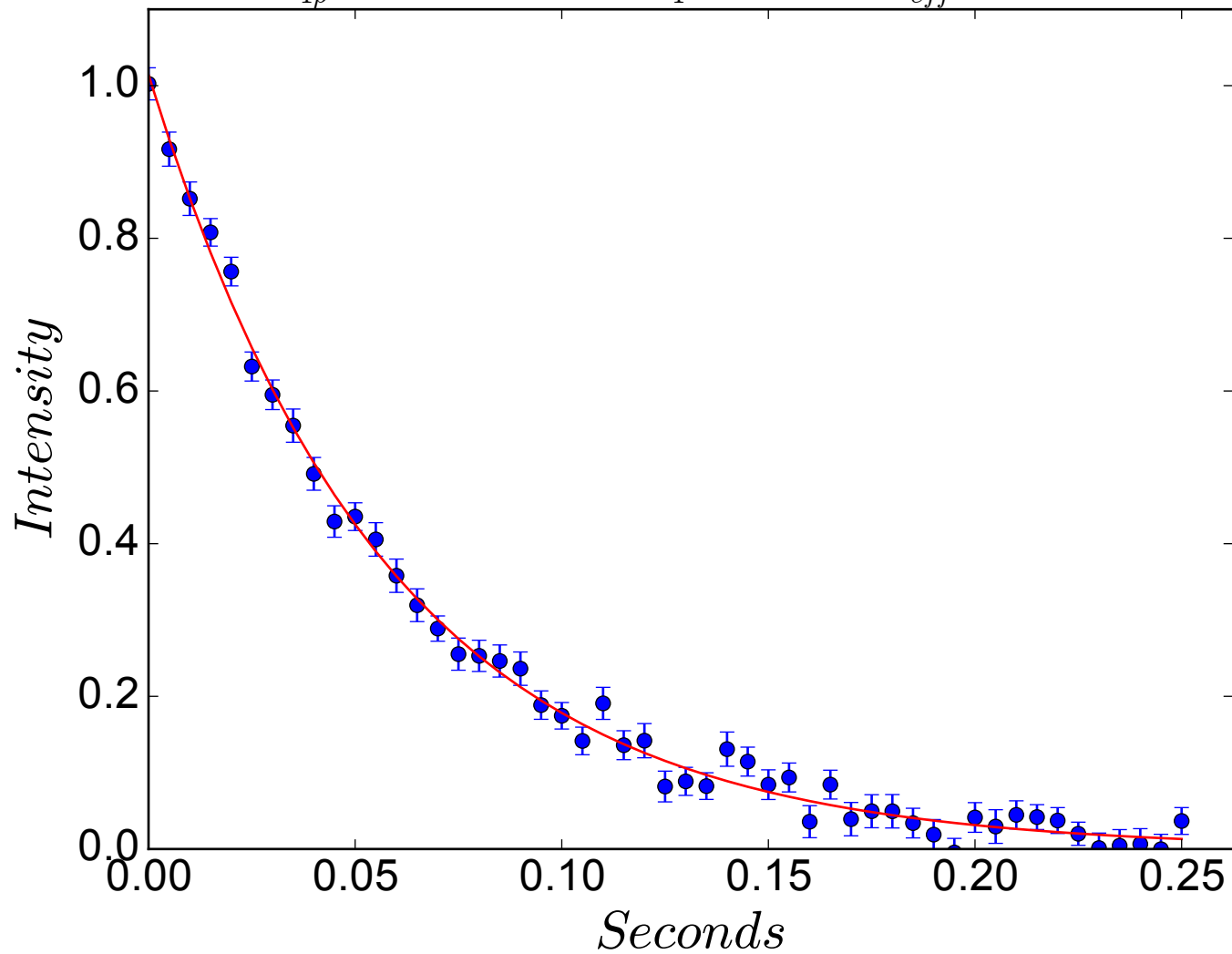
$$R_{1\rho} = 18.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 357 \text{ Hz}$$



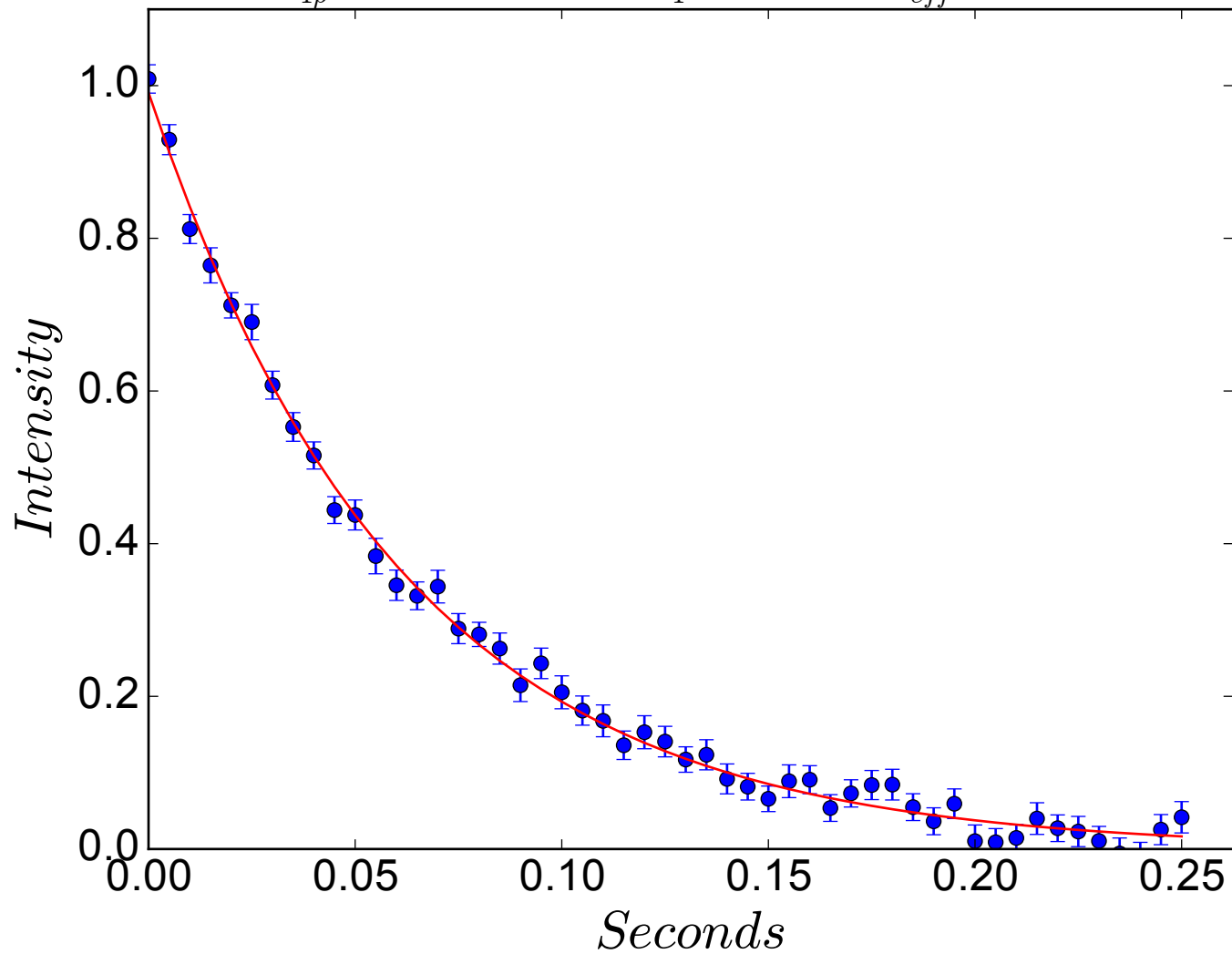
$$R_{1\rho} = 17.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 367 \text{ Hz}$$



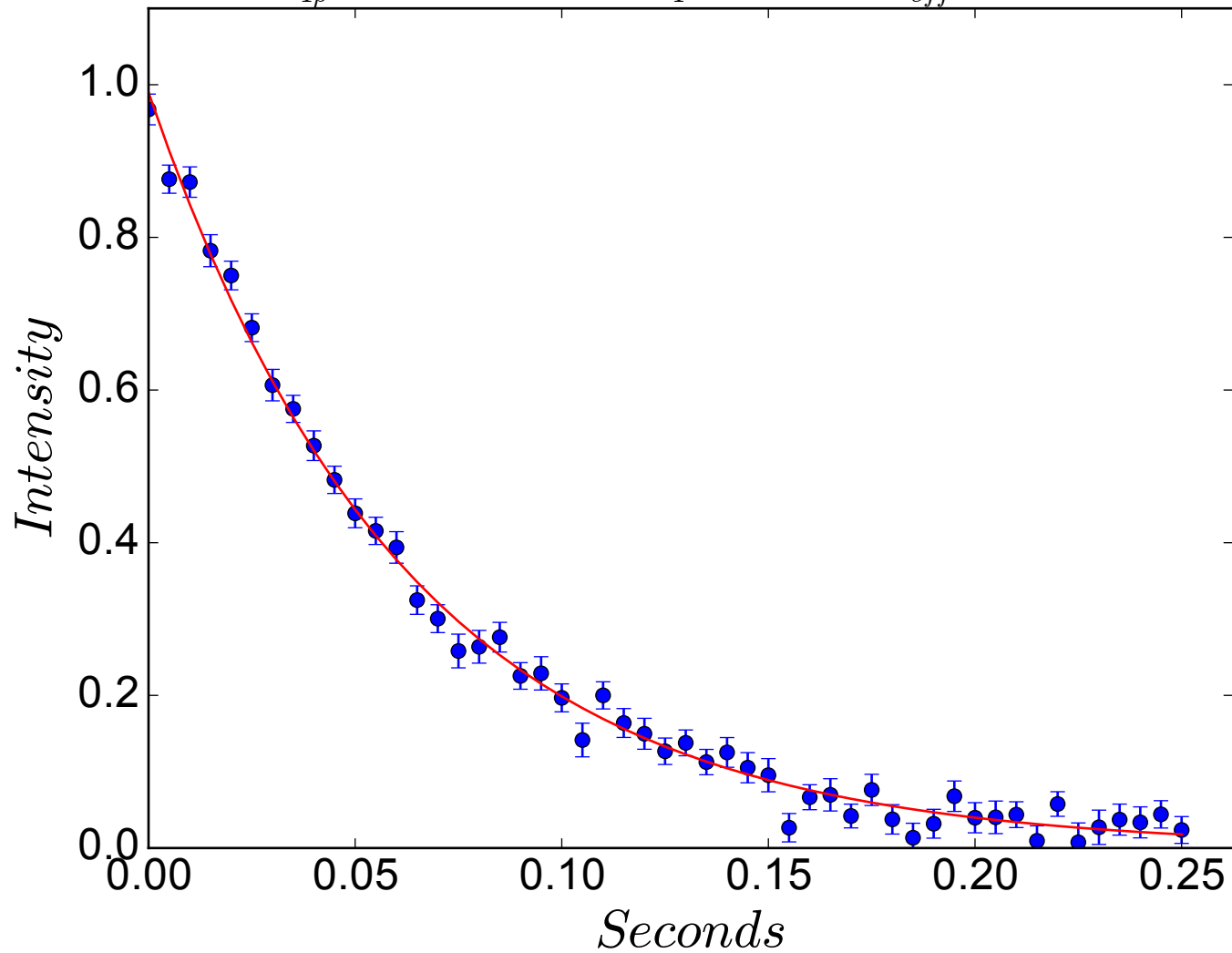
$$R_{1\rho} = 17.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 377 \text{ Hz}$$



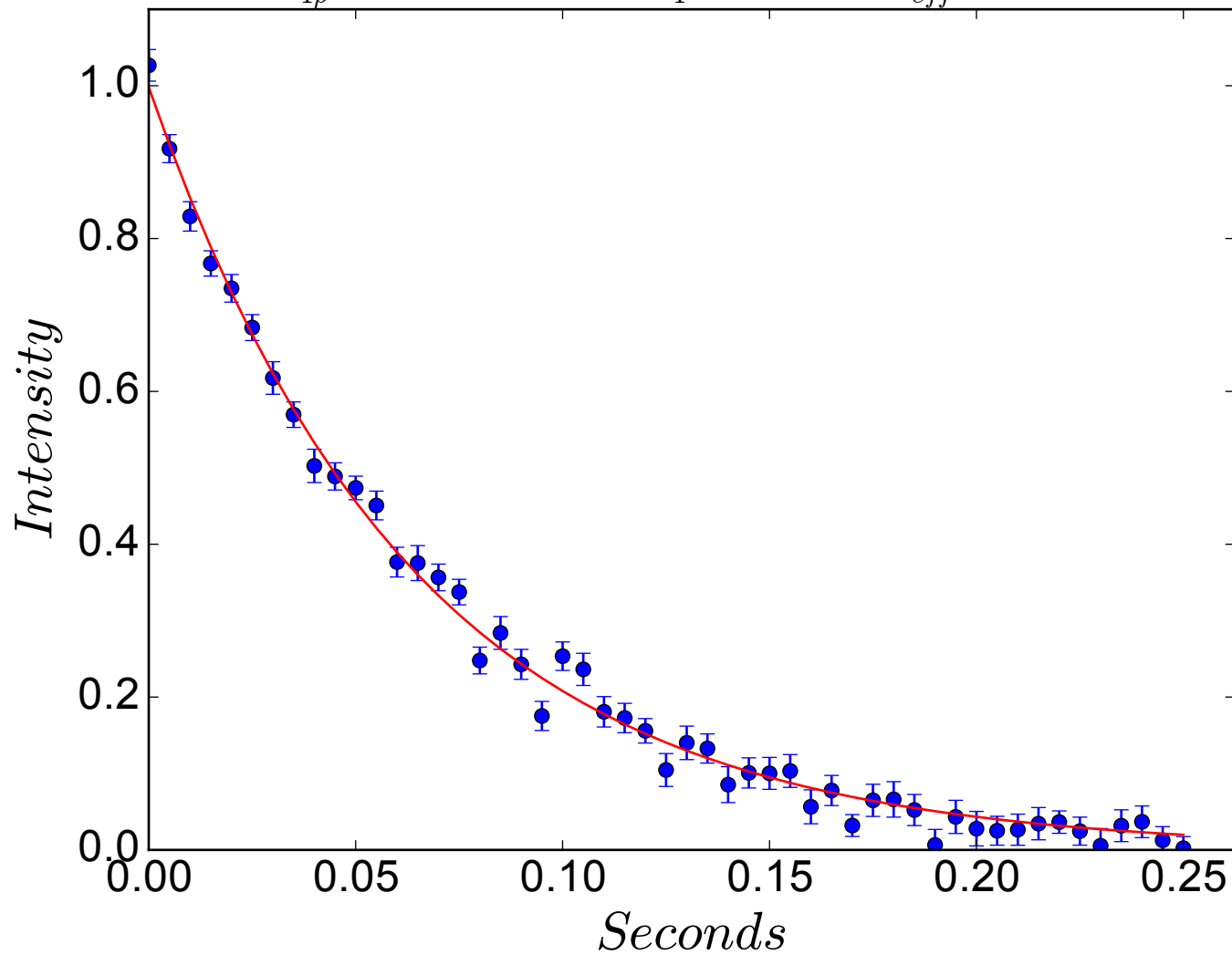
$$R_{1\rho} = 16.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 387 \text{ Hz}$$



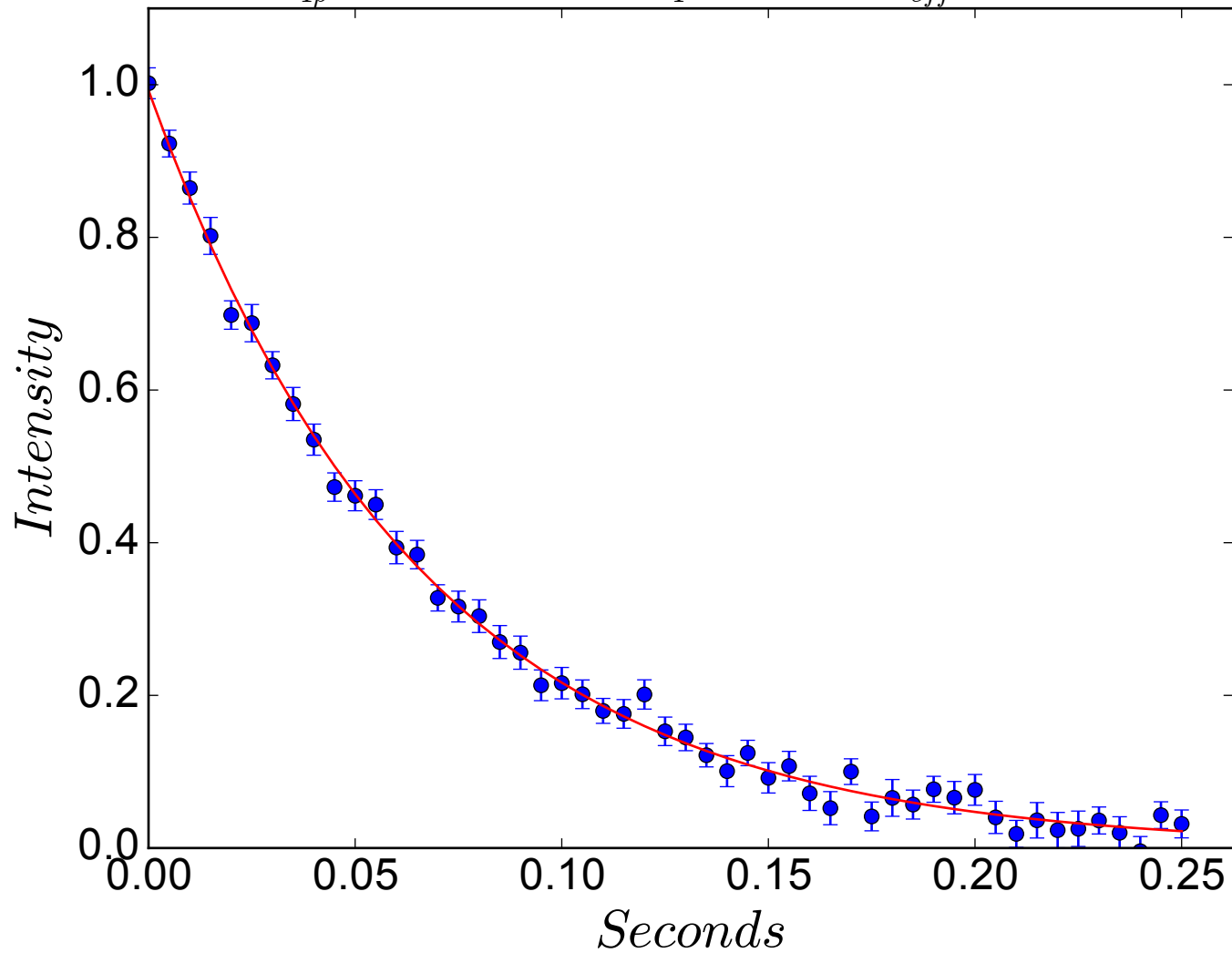
$$R_{1\rho} = 16.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 397 \text{ Hz}$$



$$R_{1\rho} = 15.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 407 \text{ Hz}$$

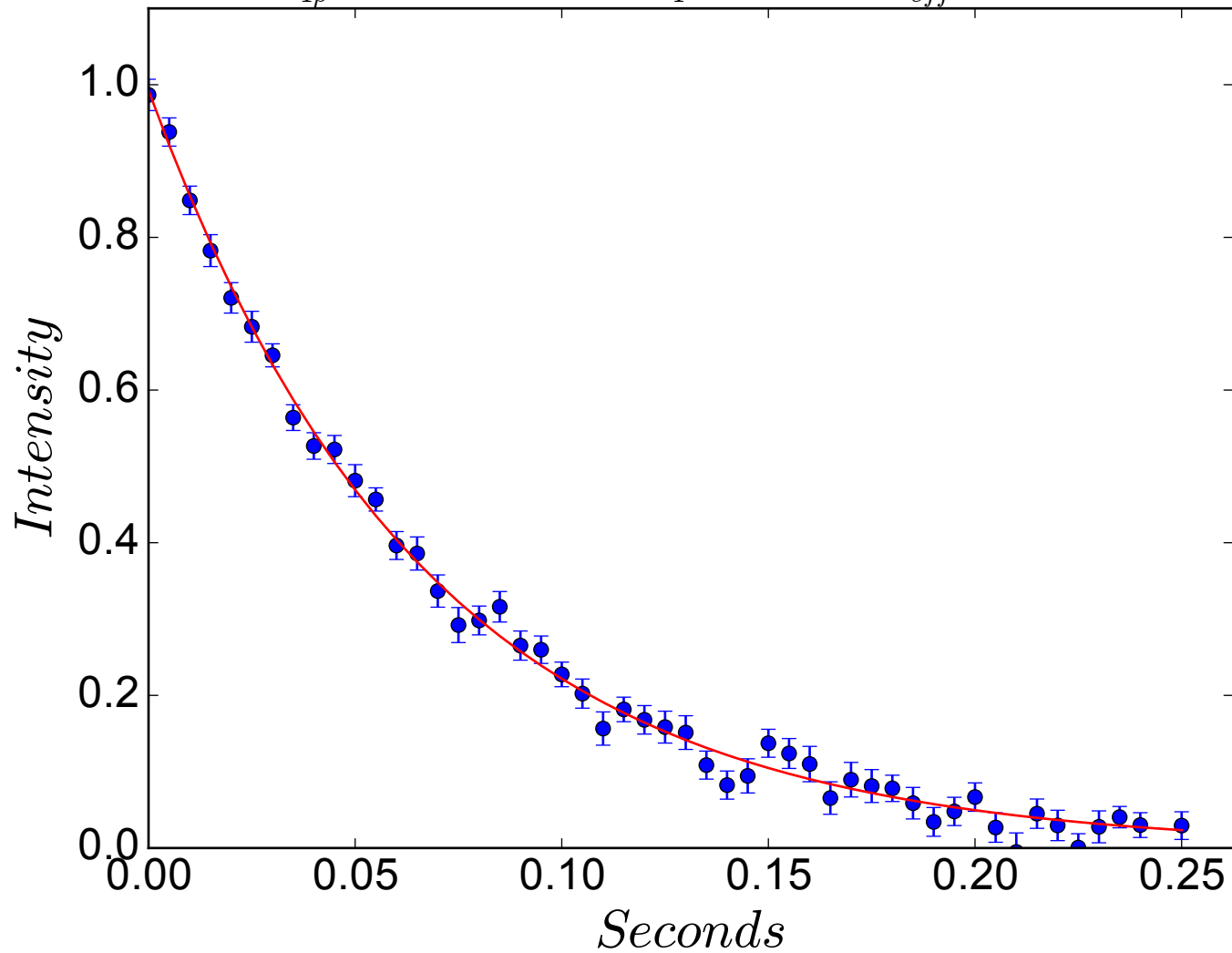


$$R_{1\rho} = 15.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 417 \text{ Hz}$$

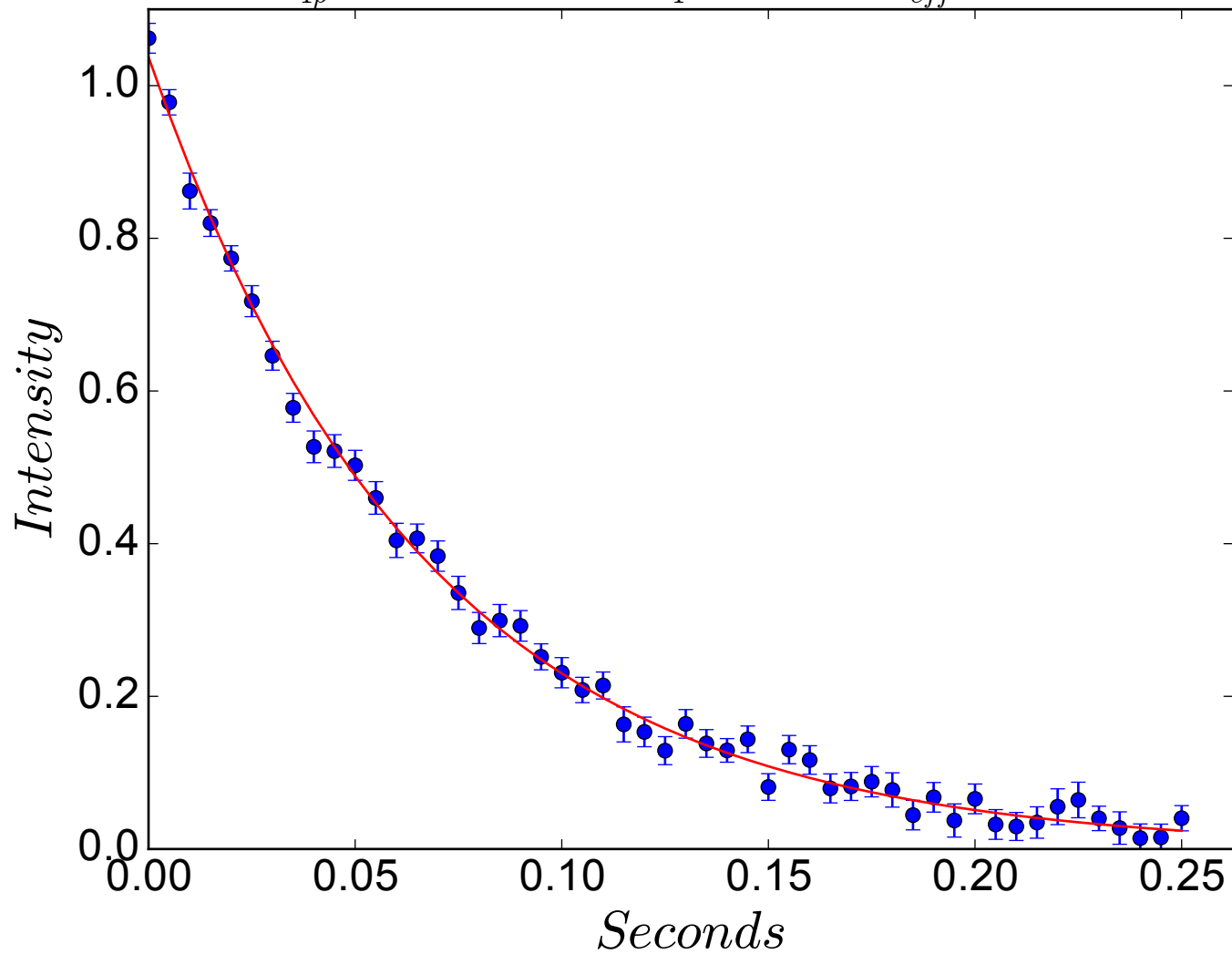




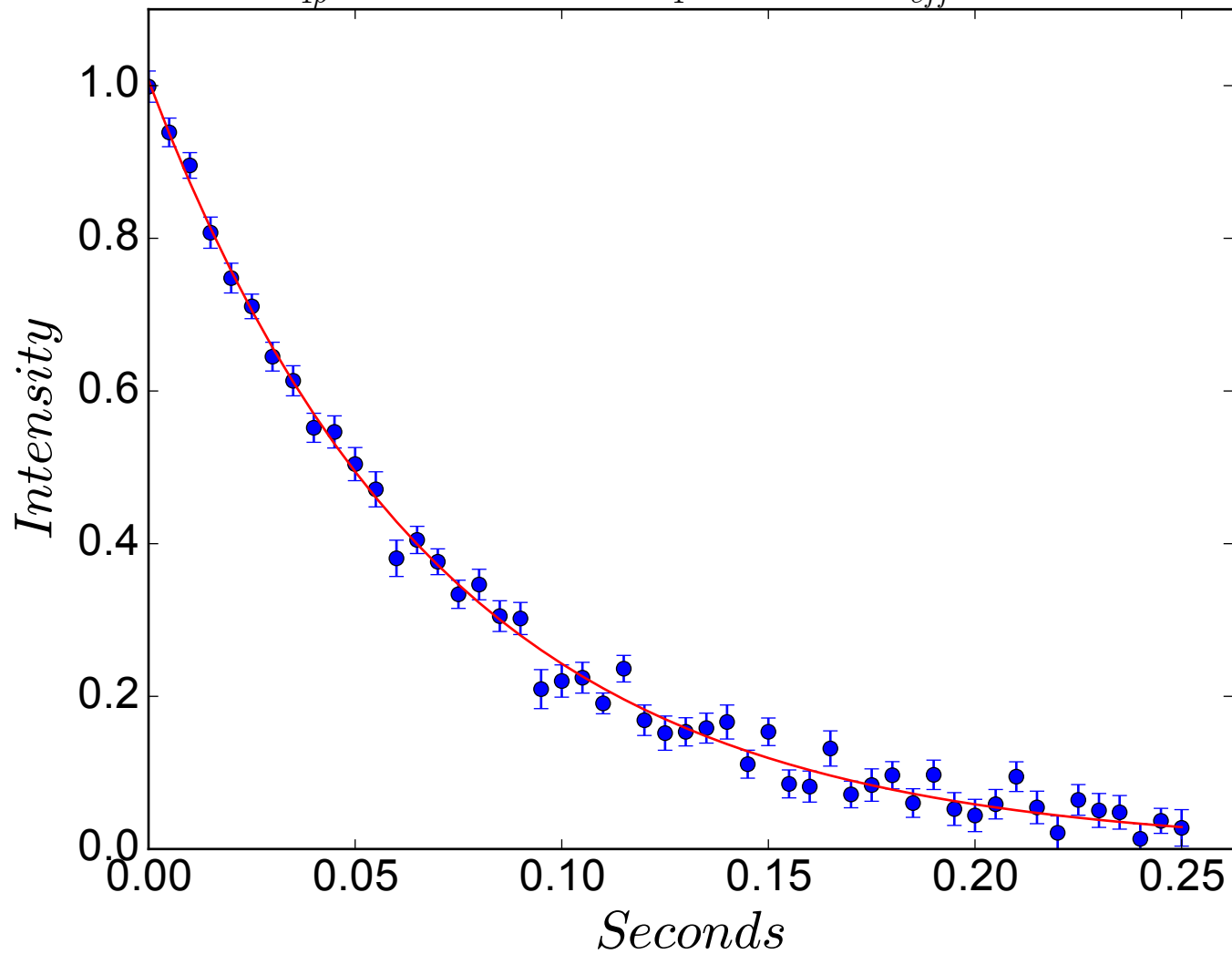
$$R_{1\rho} = 15.0 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 427 \text{ Hz}$$



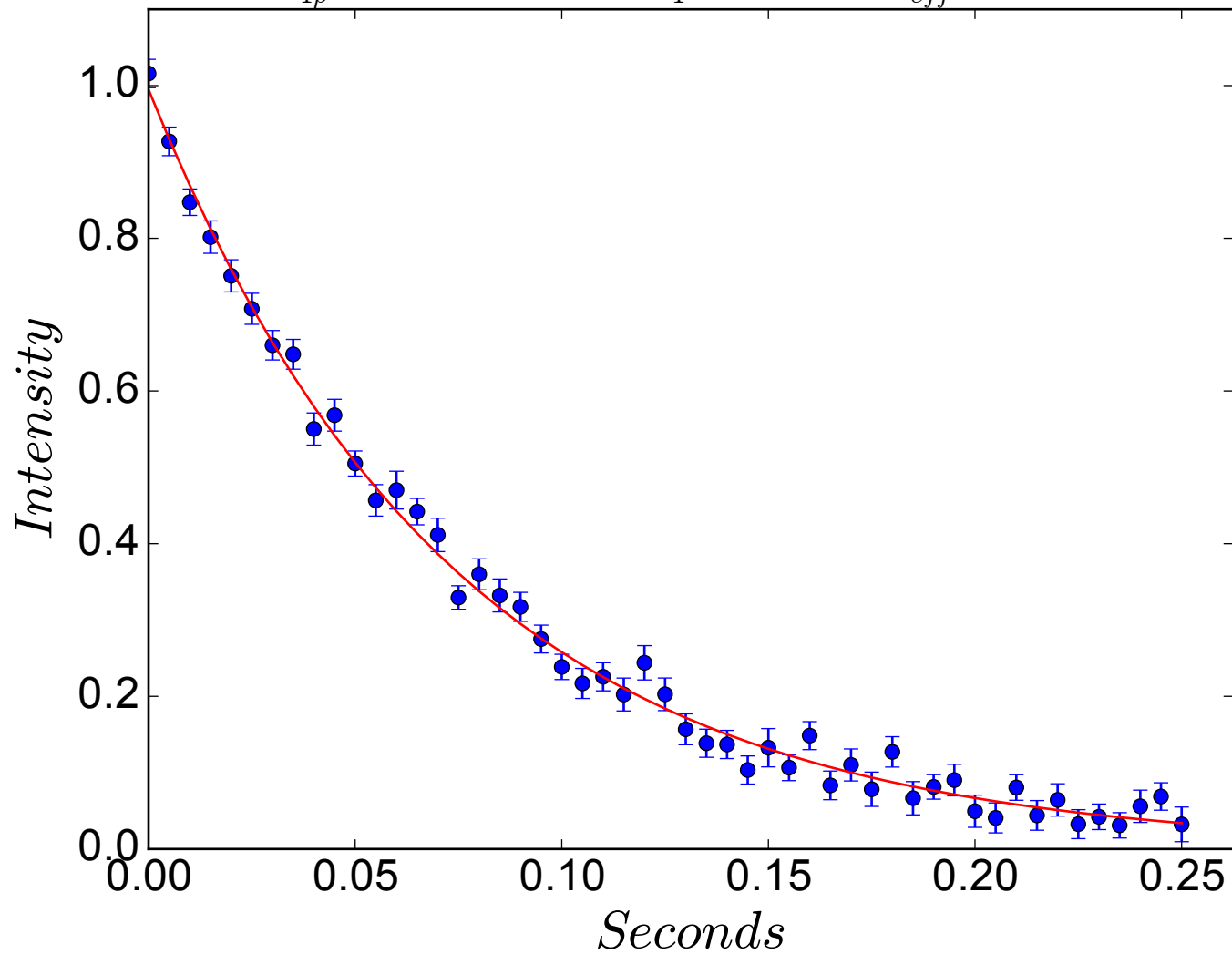
$$R_{1\rho} = 15.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 437 \text{ Hz}$$



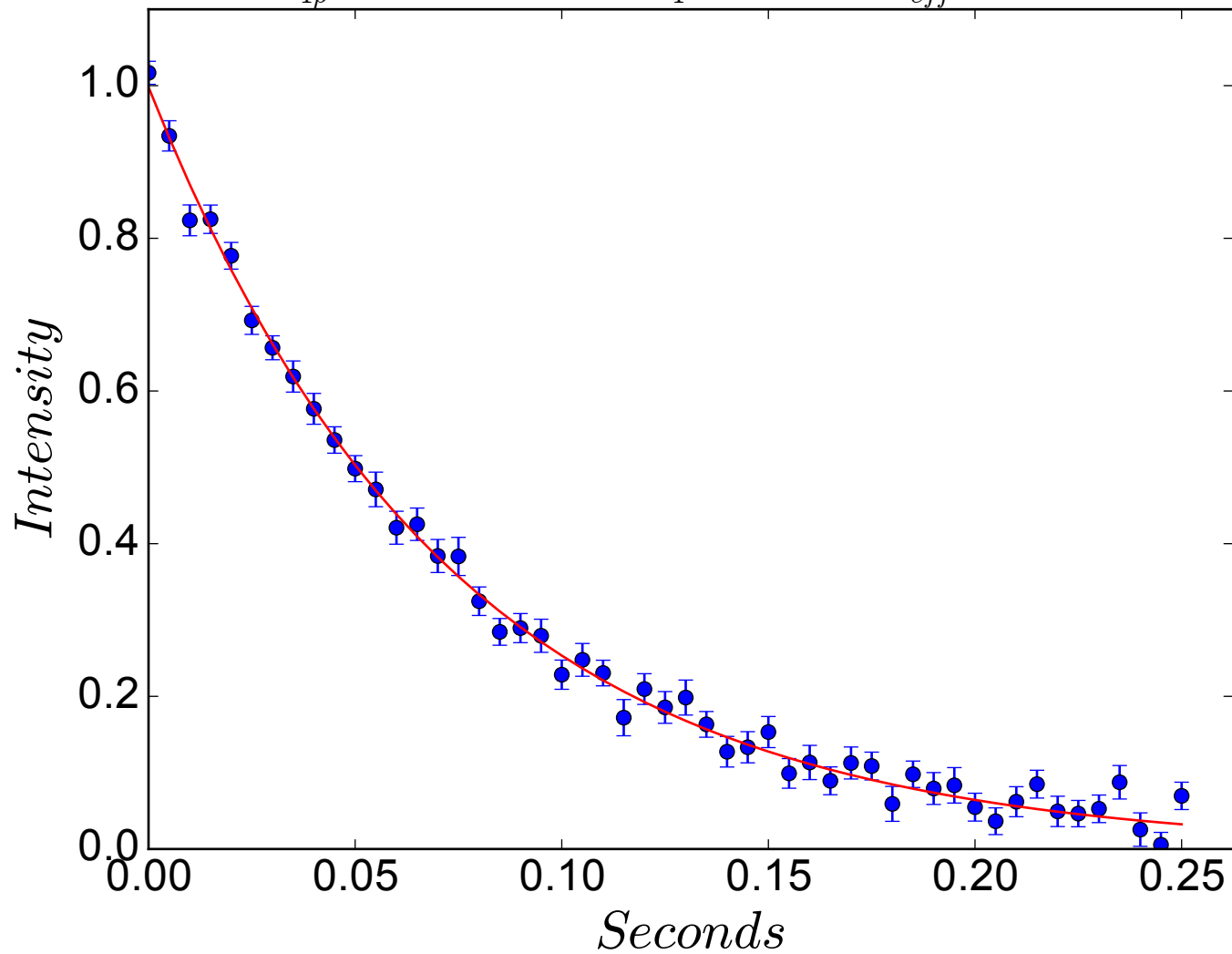
$$R_{1\rho} = 14.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 447 \text{ Hz}$$



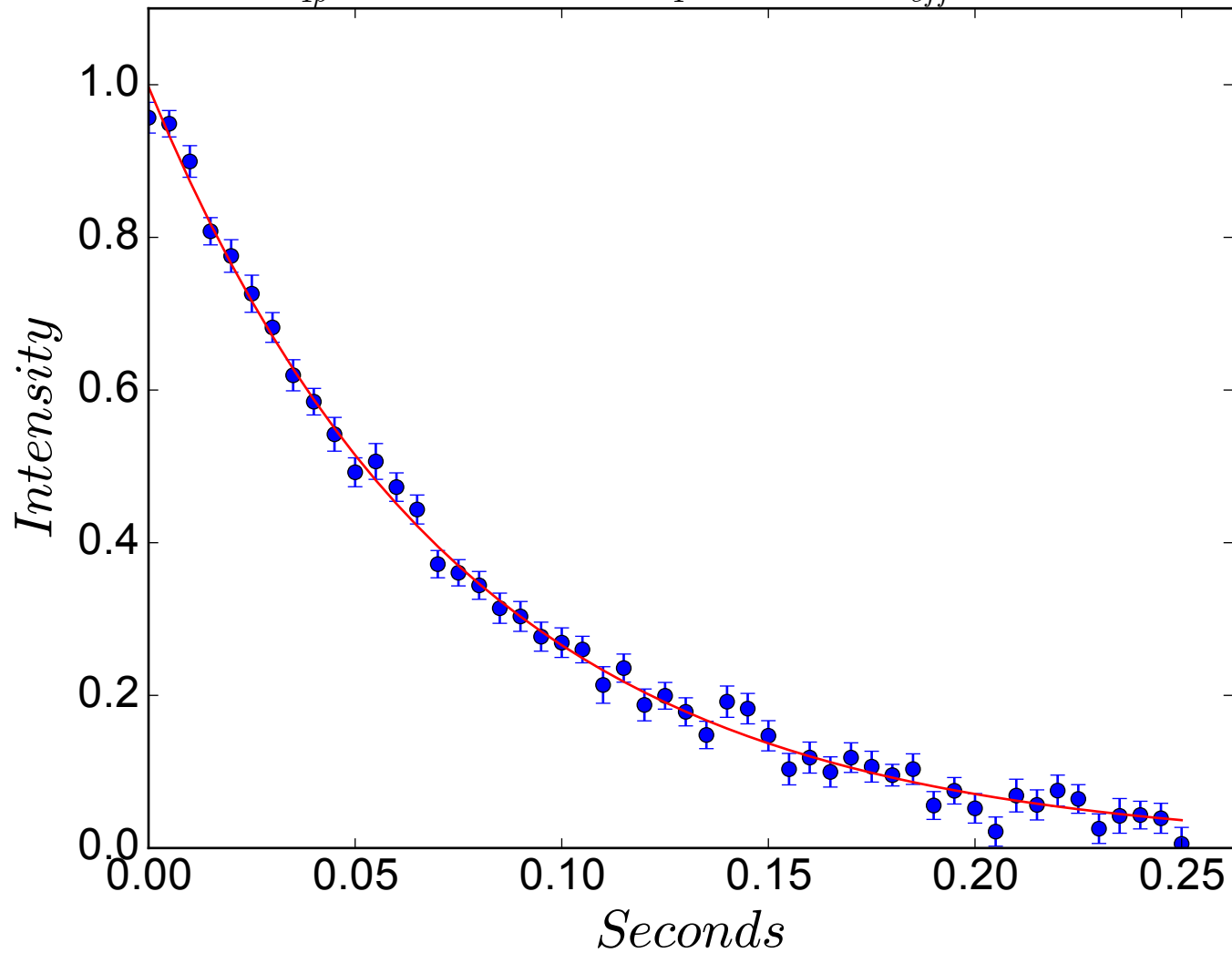
$$R_{1\rho} = 13.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 457 \text{ Hz}$$



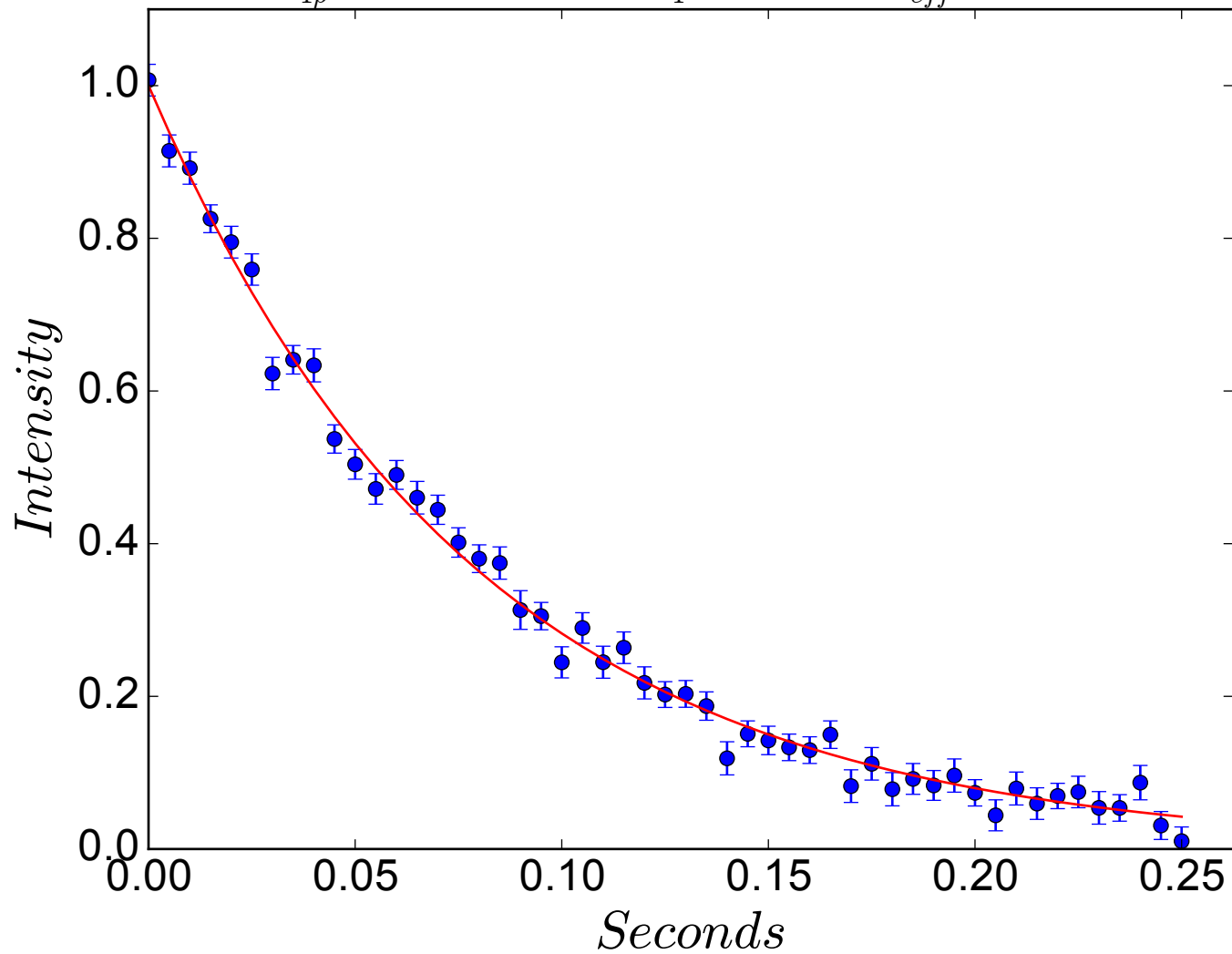
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 467 \text{ Hz}$$



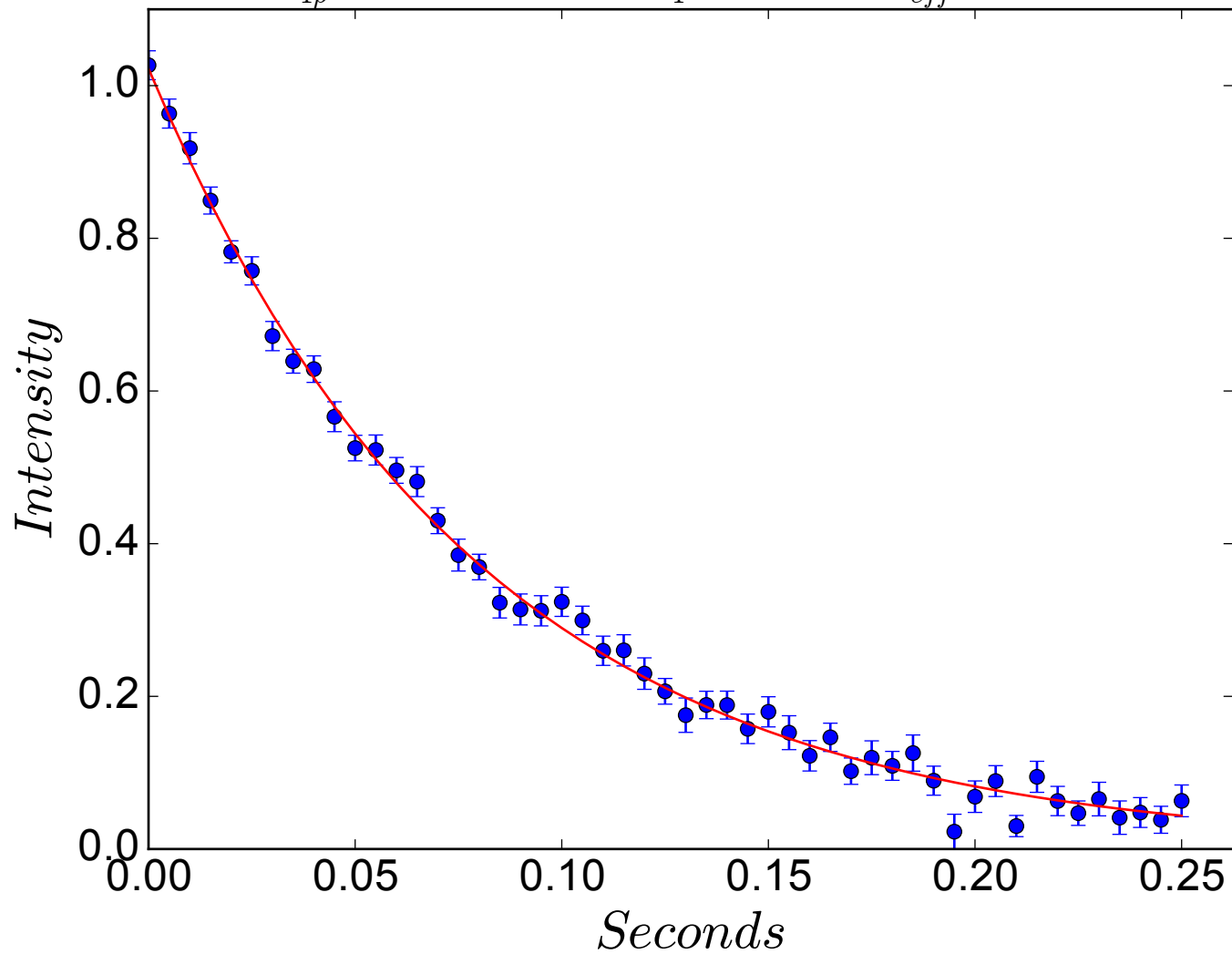
$$R_{1\rho} = 13.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 477 \text{ Hz}$$



$$R_{1\rho} = 12.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 487 \text{ Hz}$$

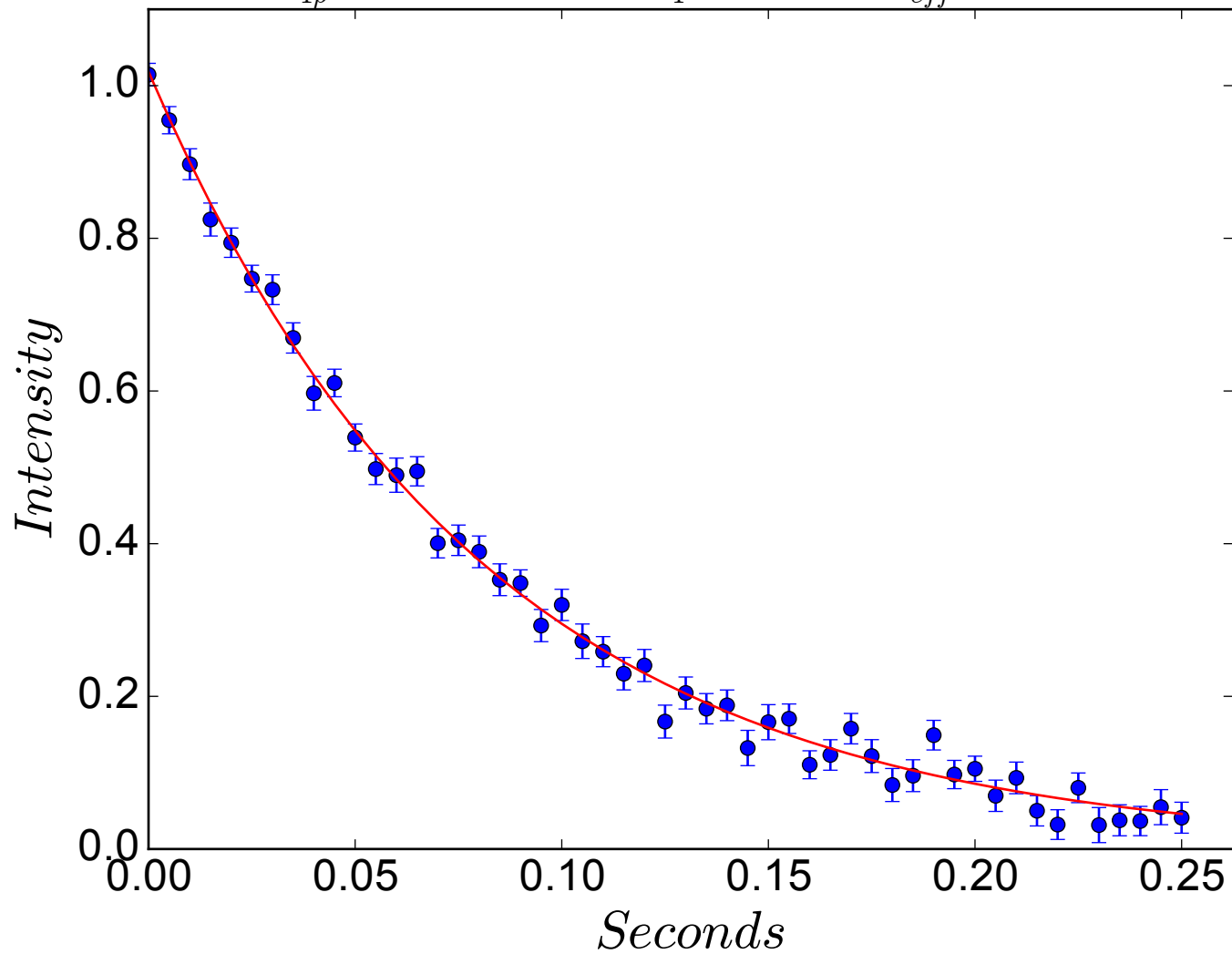


$$R_{1\rho} = 12.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 497 \text{ Hz}$$

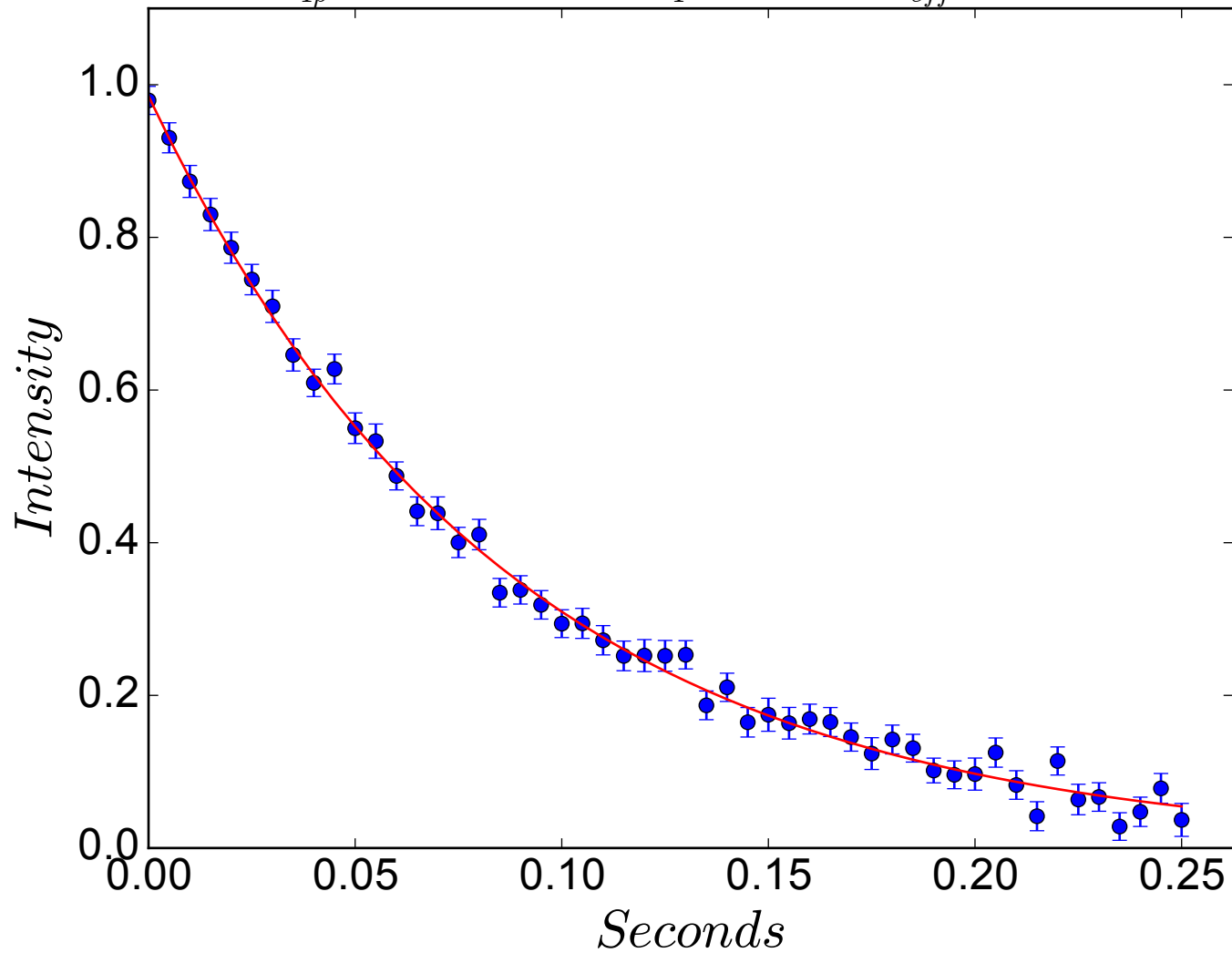




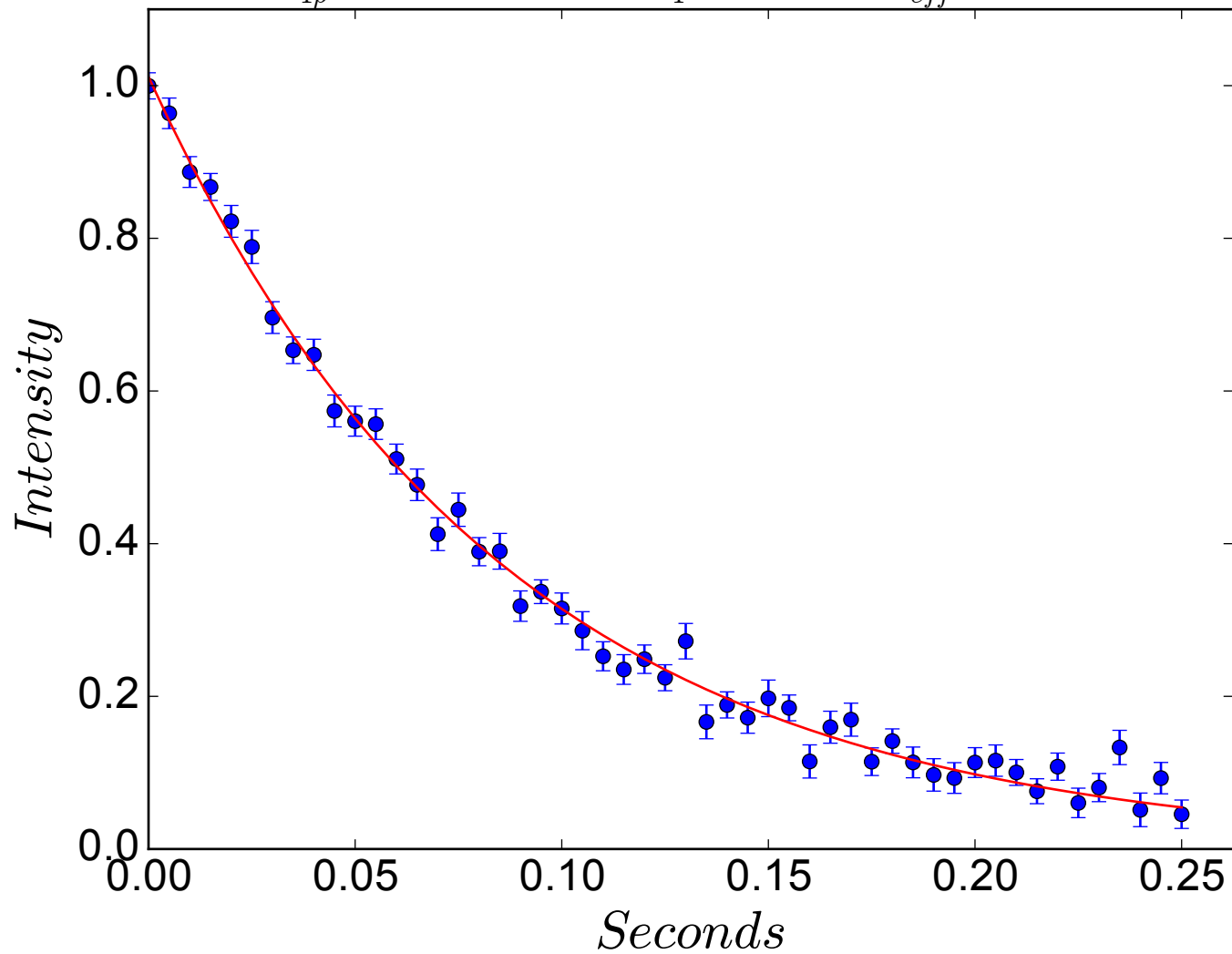
$$R_{1\rho} = 12.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 508 \text{ Hz}$$



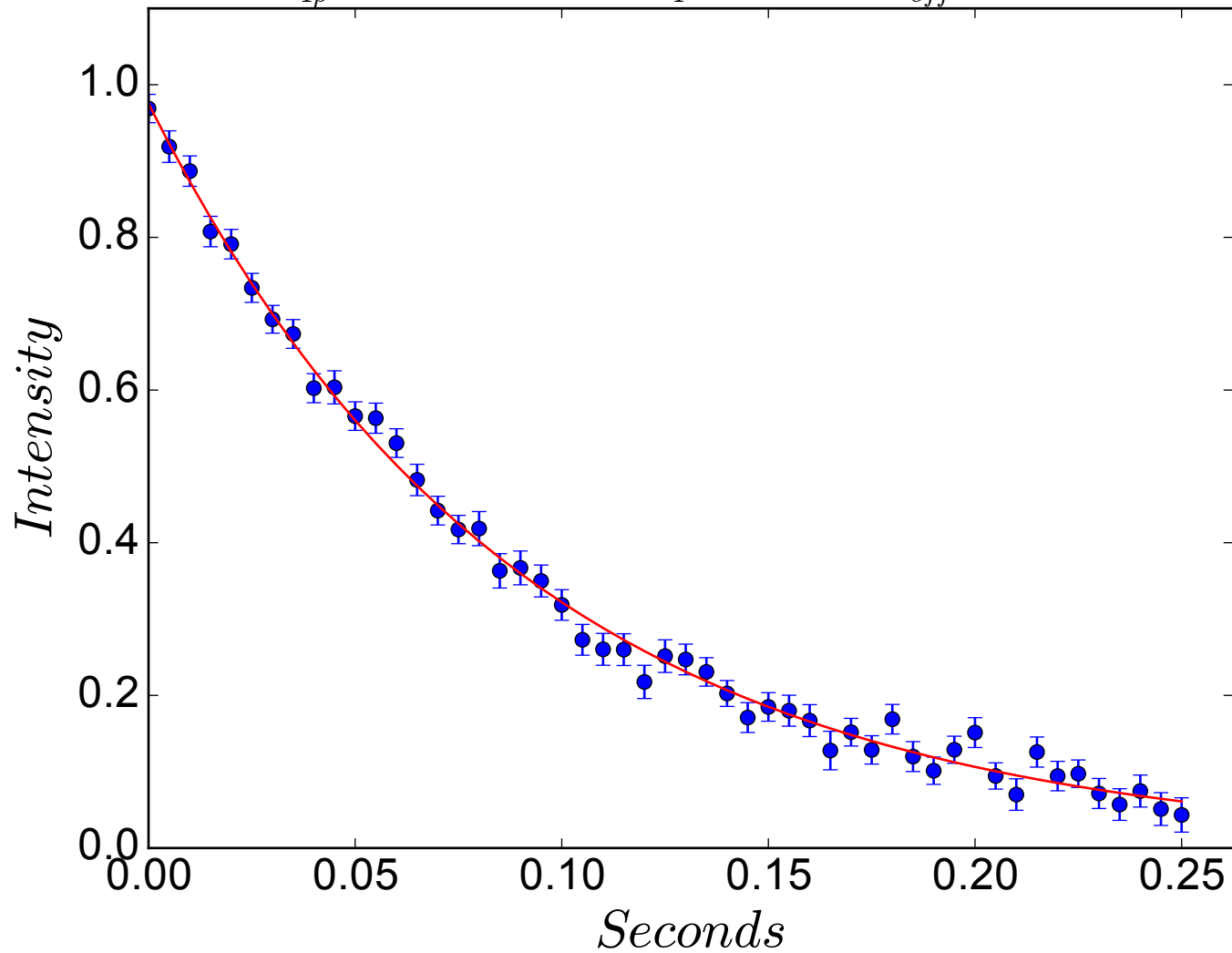
$$R_{1\rho} = 11.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 518 \text{ Hz}$$



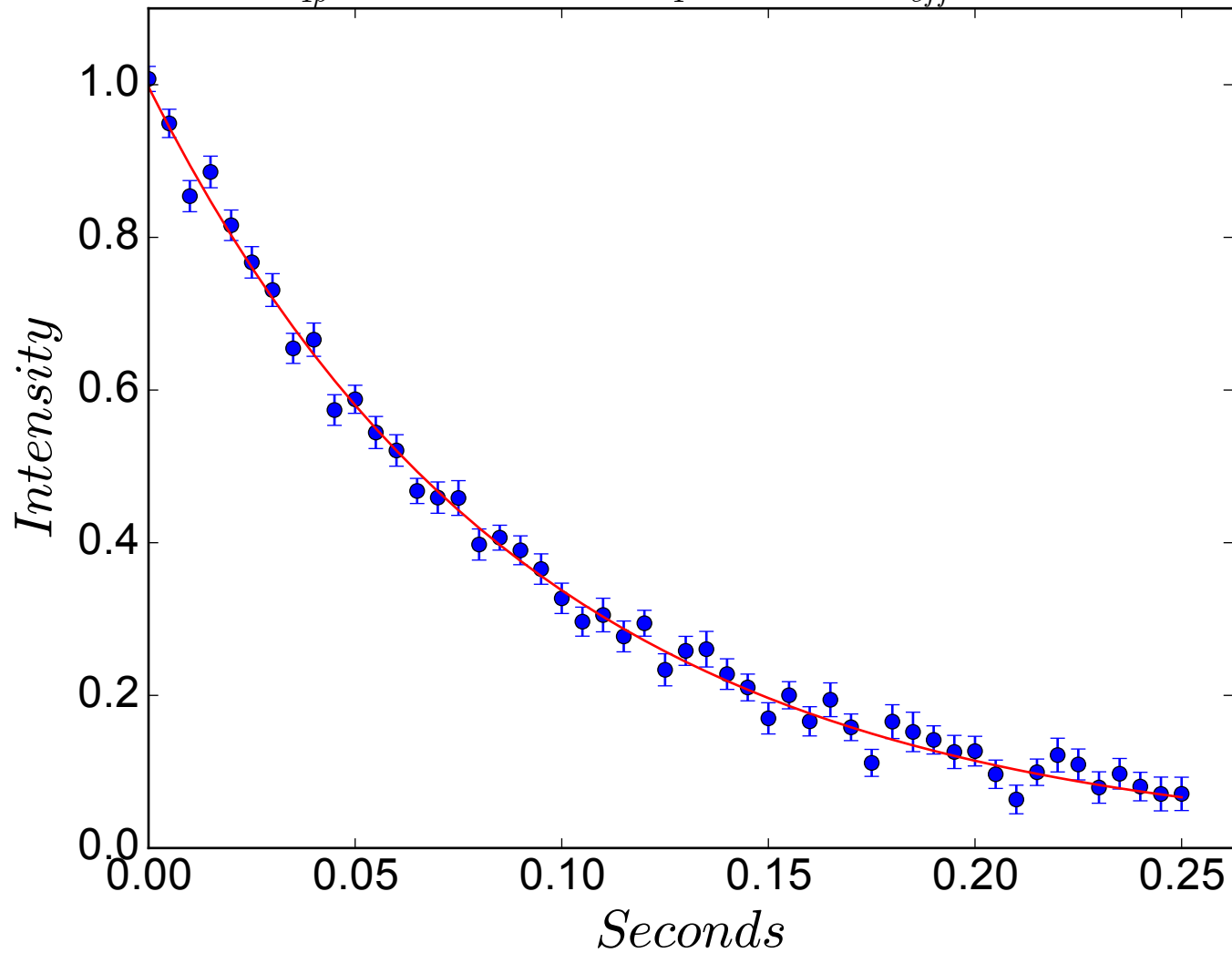
$$R_{1\rho} = 11.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 528 \text{ Hz}$$



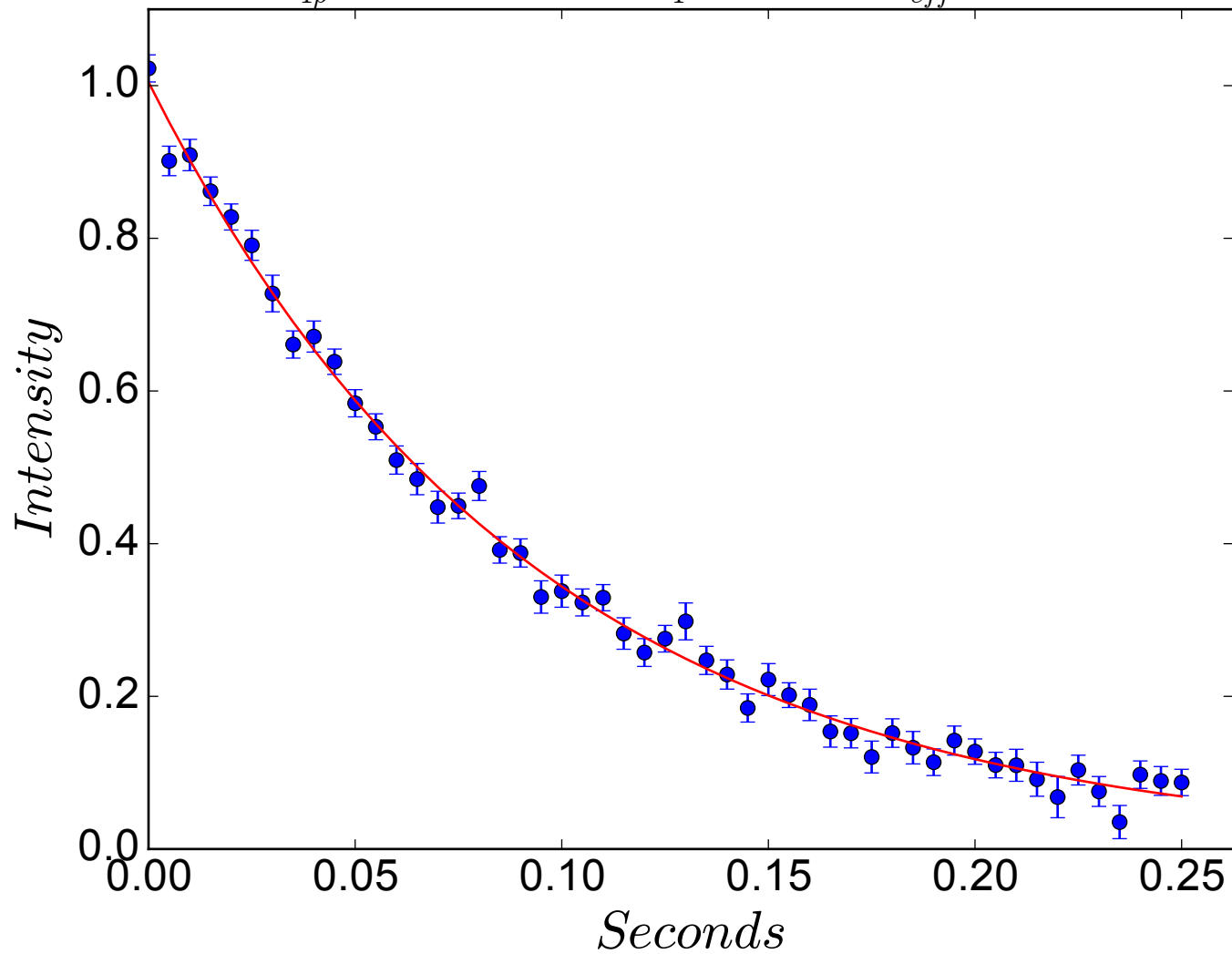
$$R_{1\rho} = 11.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 538 \text{ Hz}$$



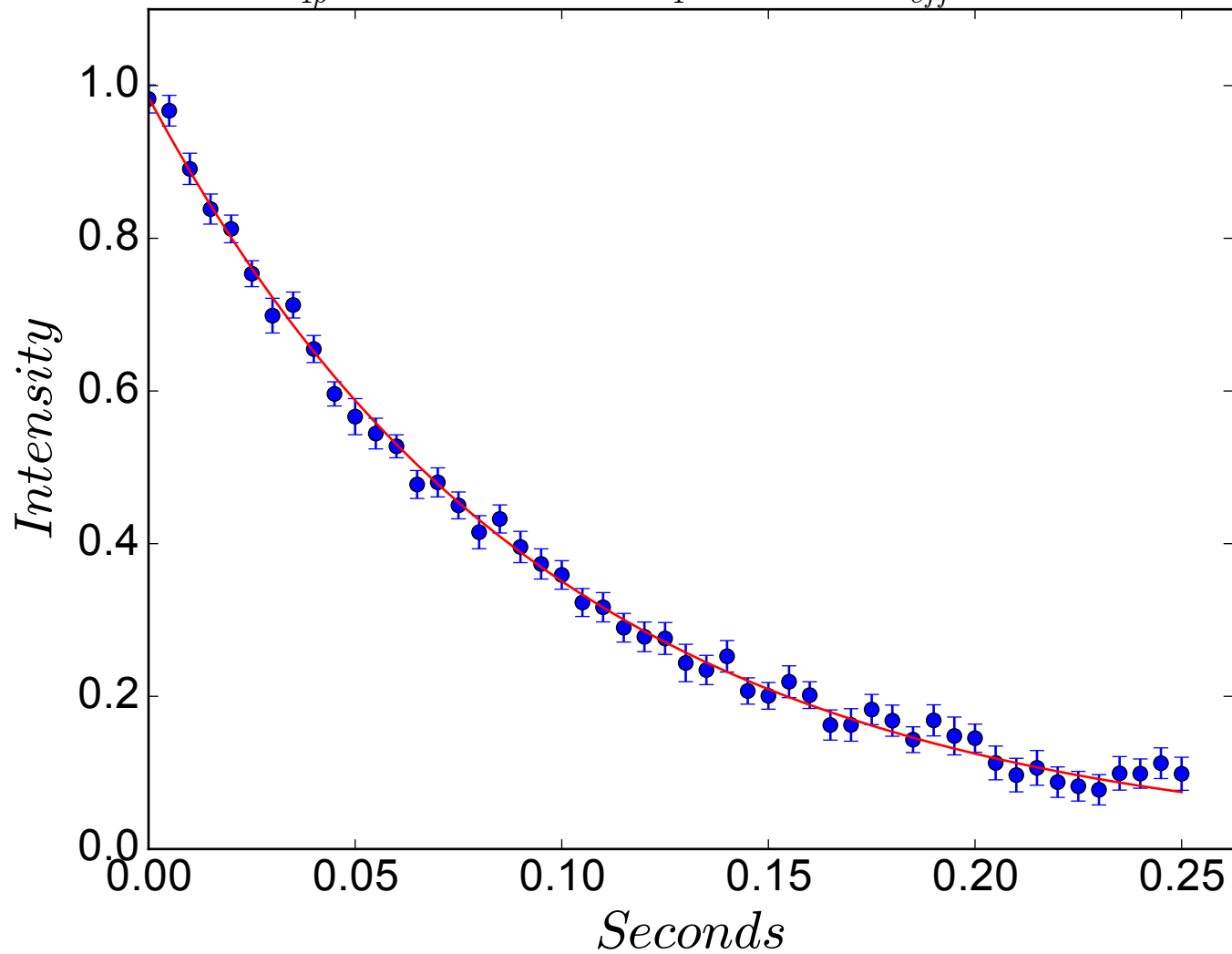
$$R_{1\rho} = 10.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 548 \text{ Hz}$$



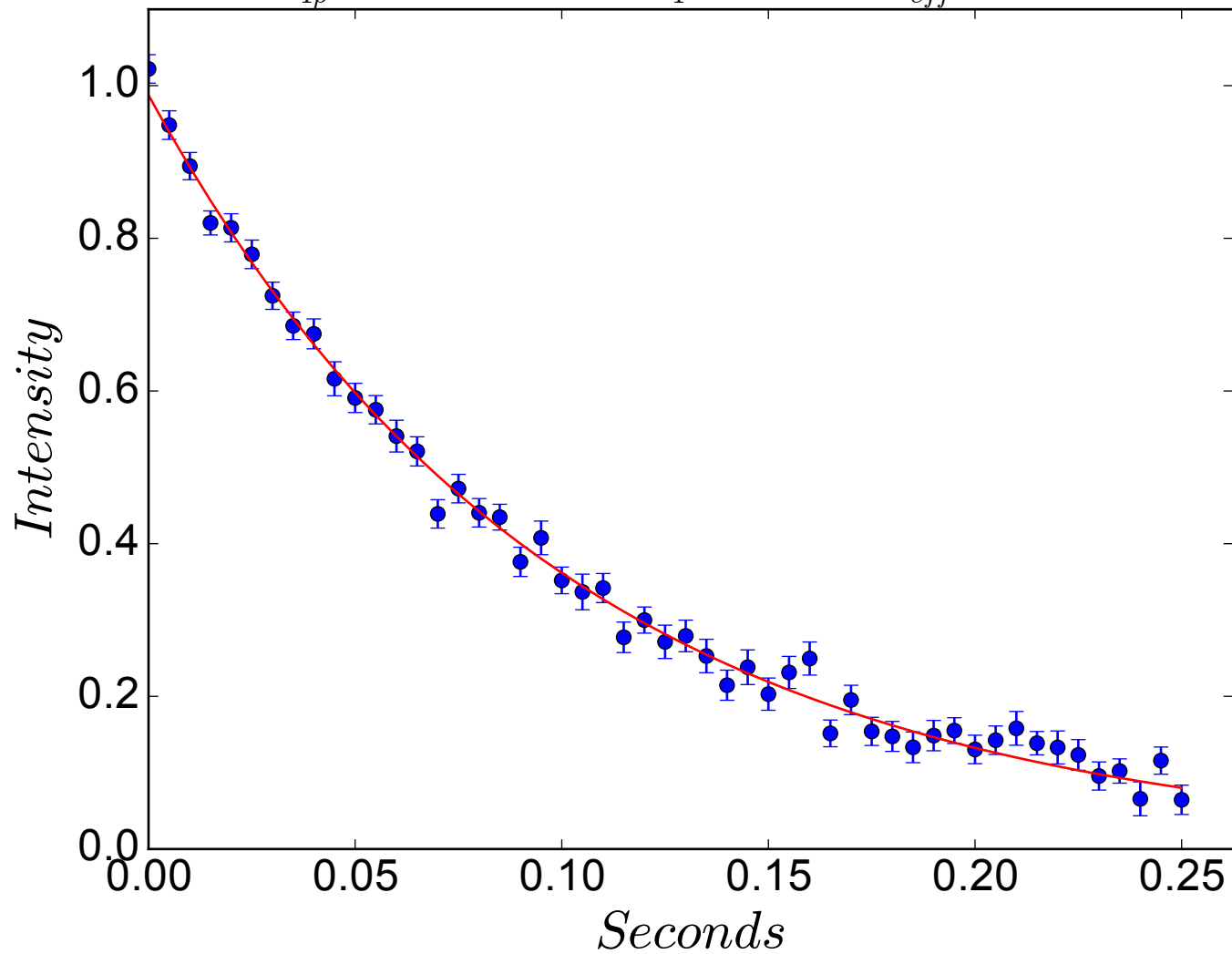
$$R_{1\rho} = 10.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 558 \text{ Hz}$$



$$R_{1\rho} = 10.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 568 \text{ Hz}$$

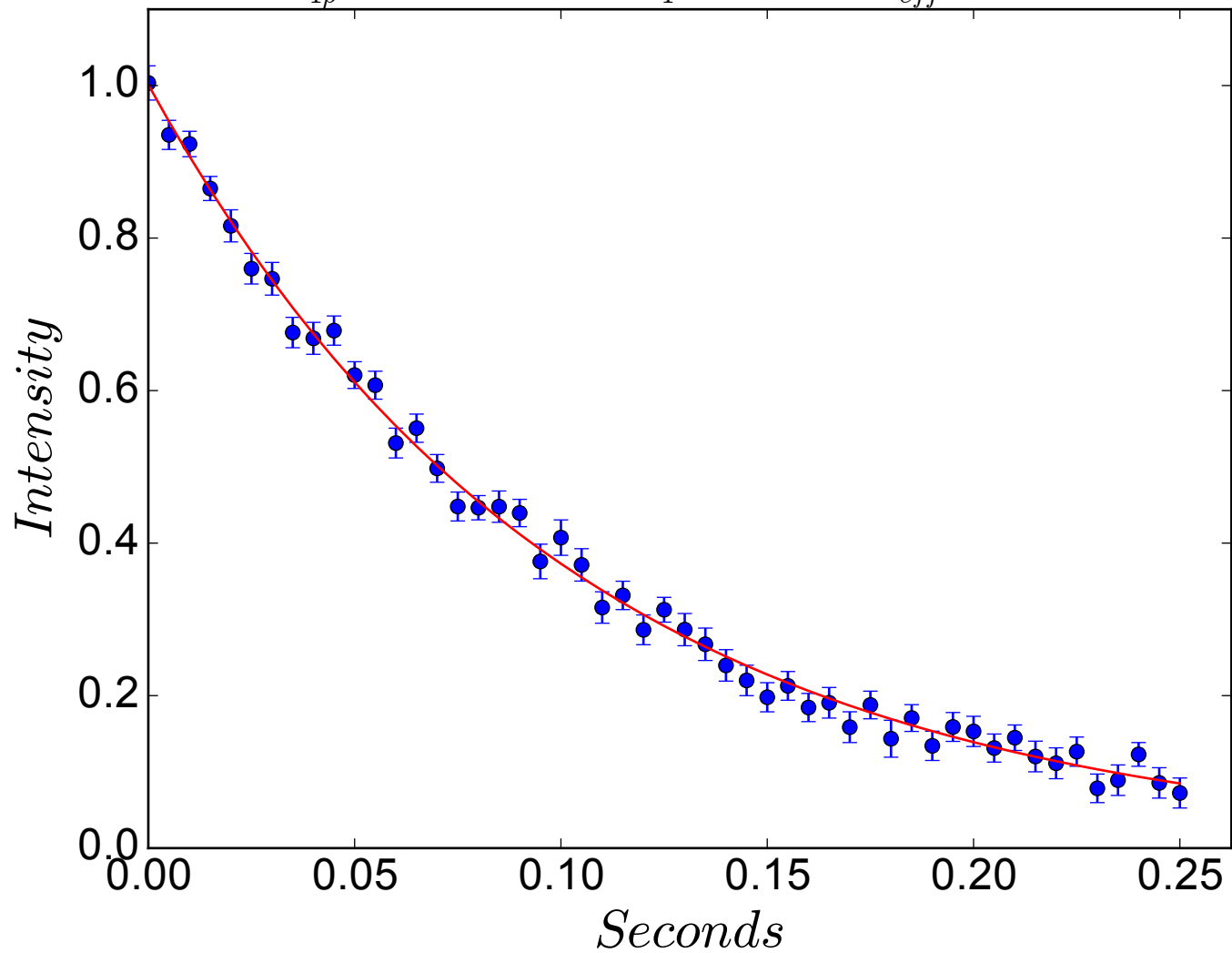


$$R_{1\rho} = 10.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 578 \text{ Hz}$$

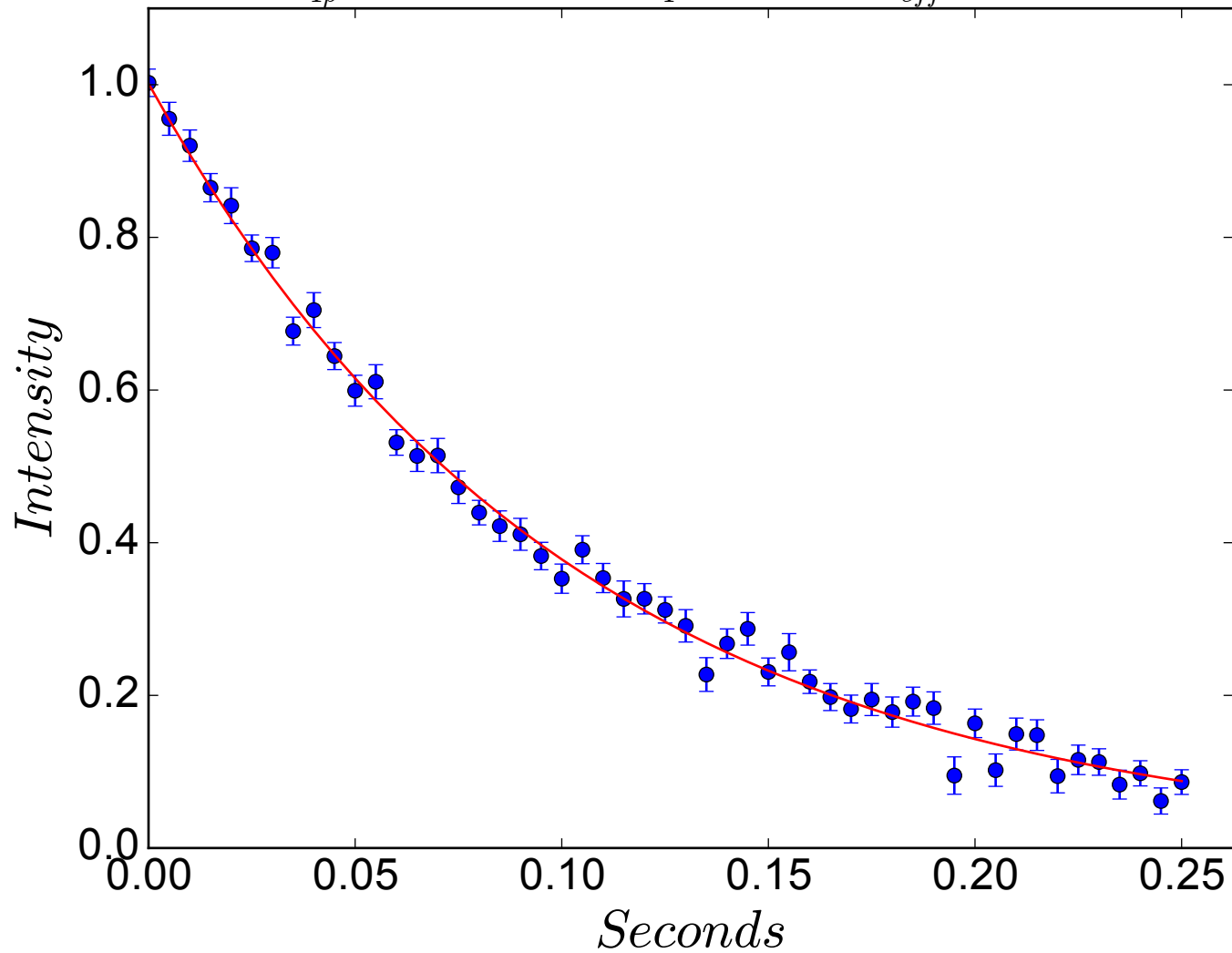




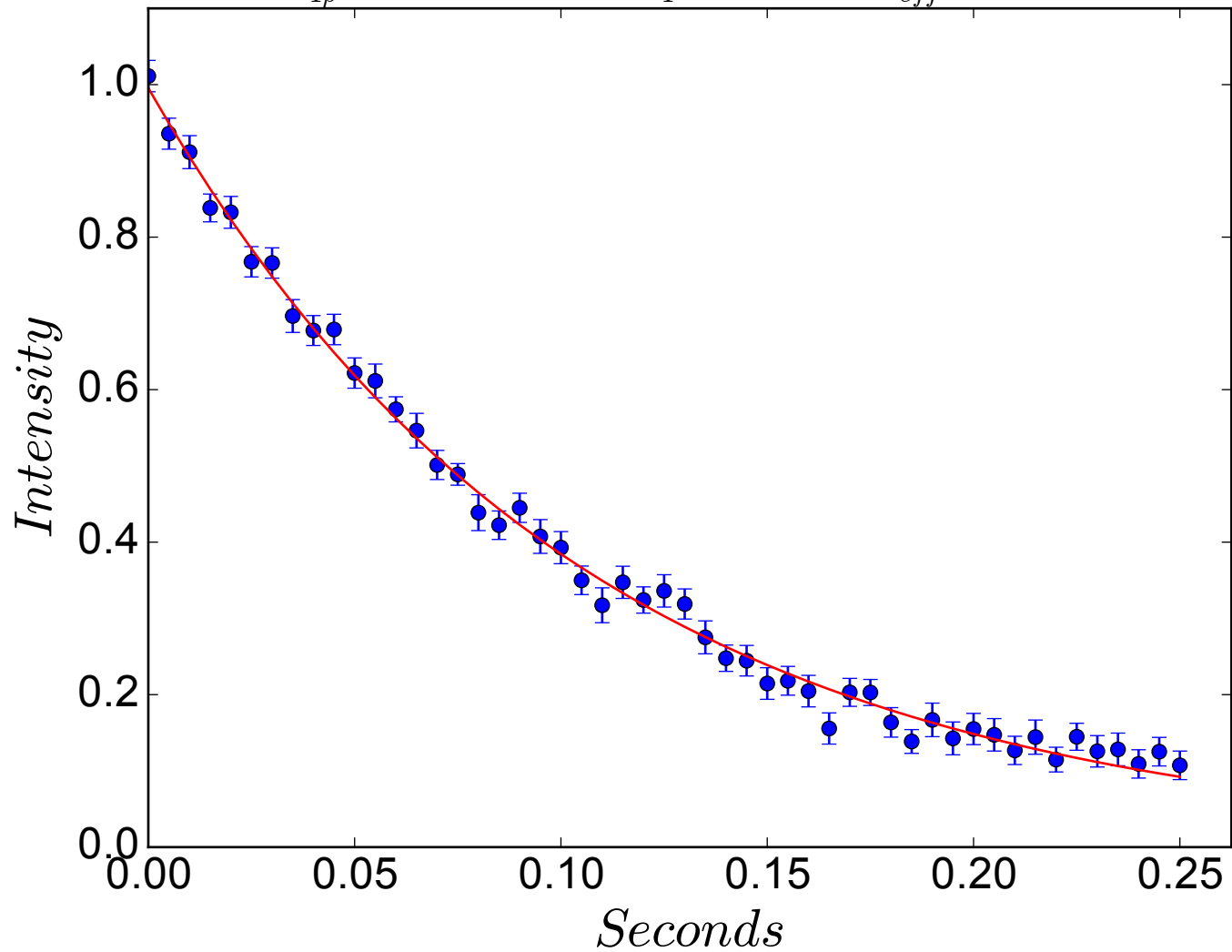
$$R_{1\rho} = 9.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 588 \text{ Hz}$$



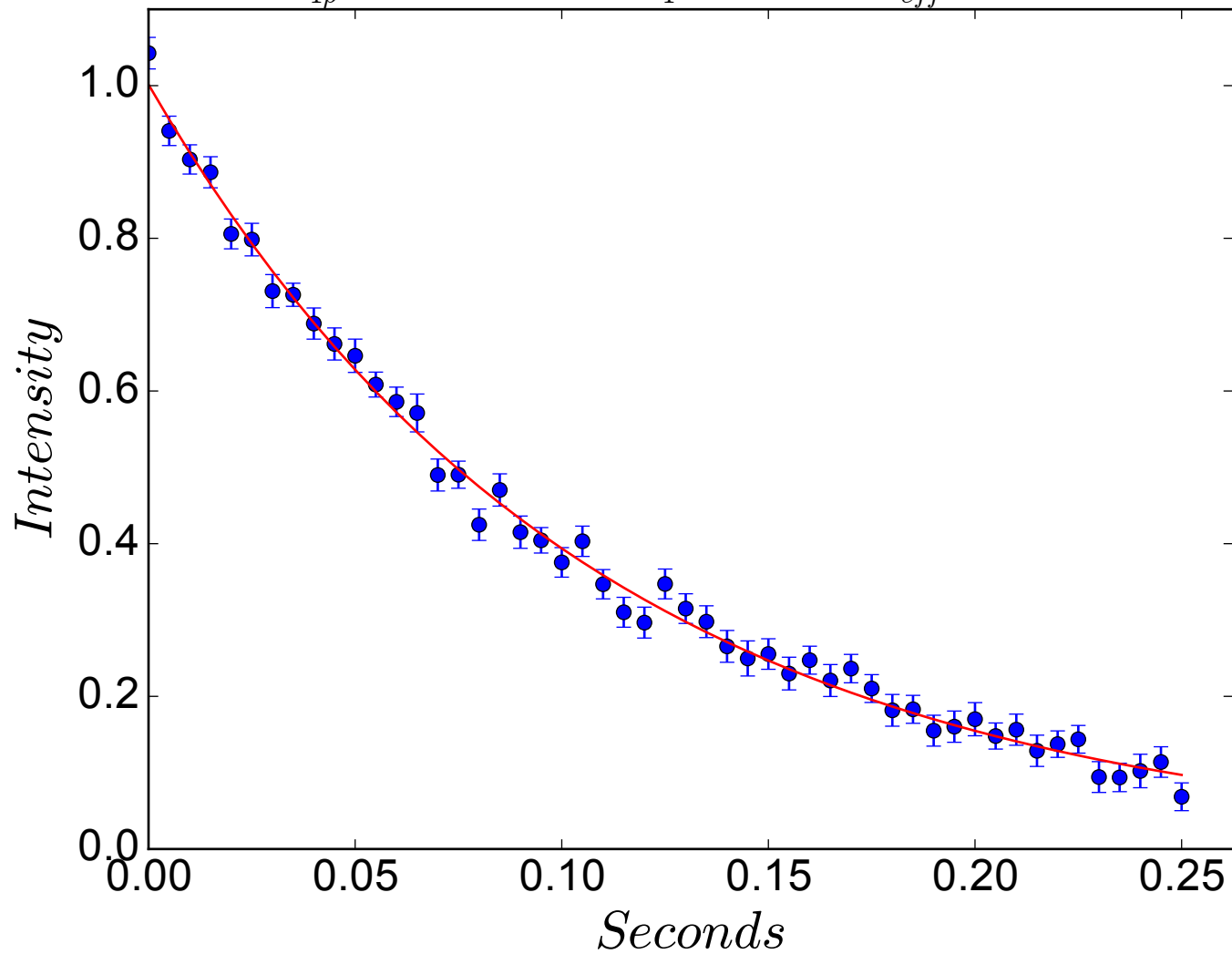
$$R_{1\rho} = 9.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 598 \text{ Hz}$$



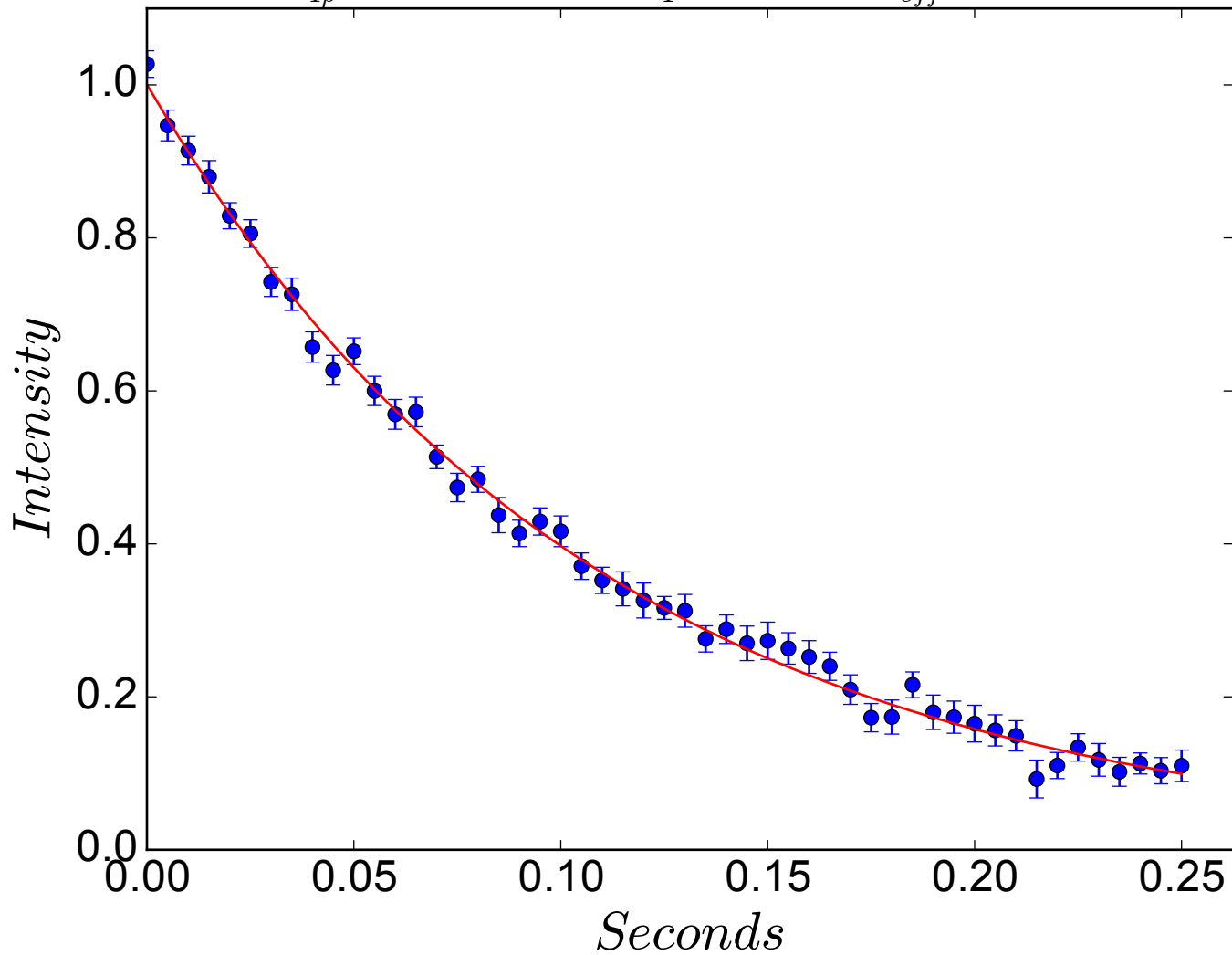
$$R_{1\rho} = 9.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 608 \text{ Hz}$$



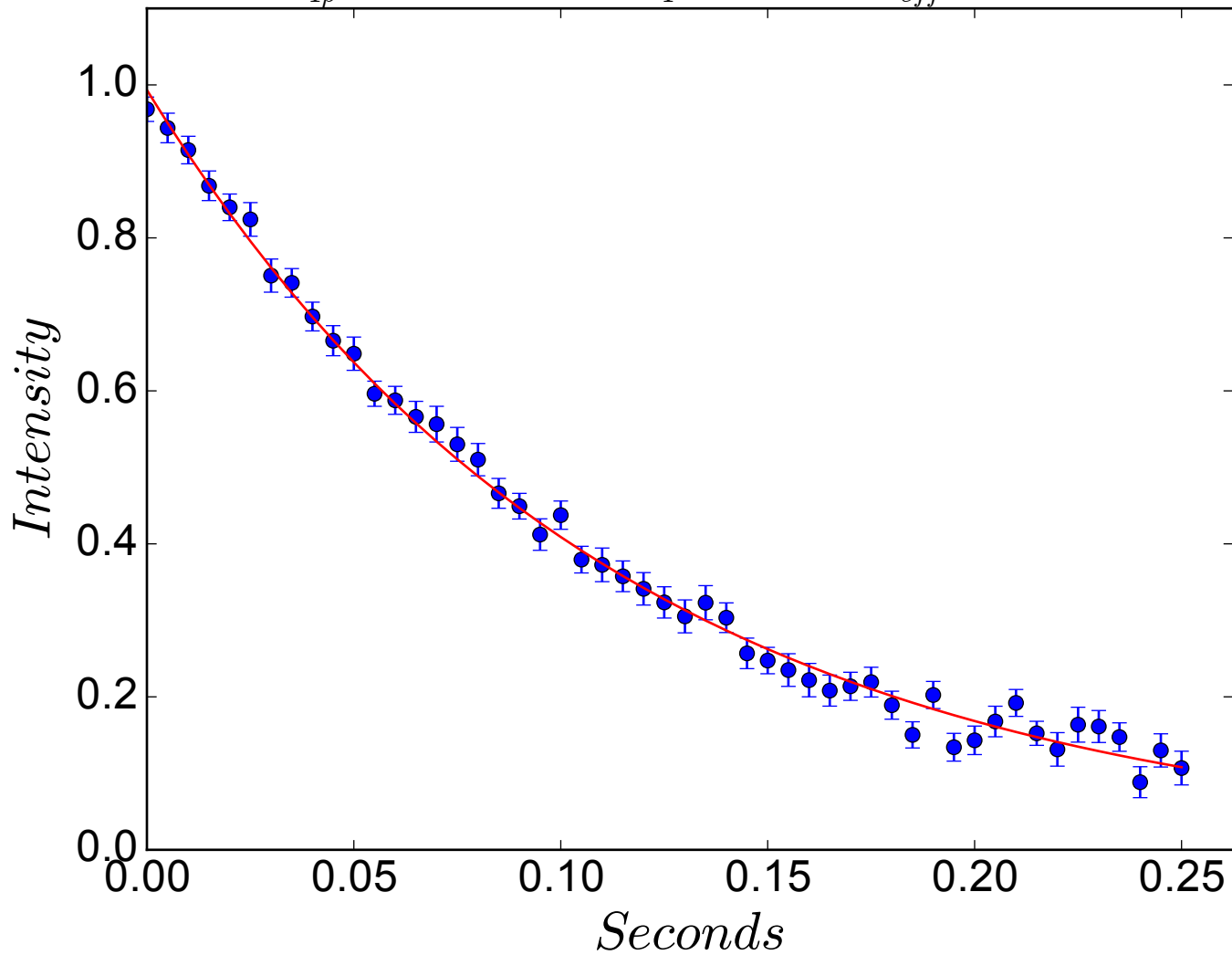
$$R_{1\rho} = 9.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 618 \text{ Hz}$$



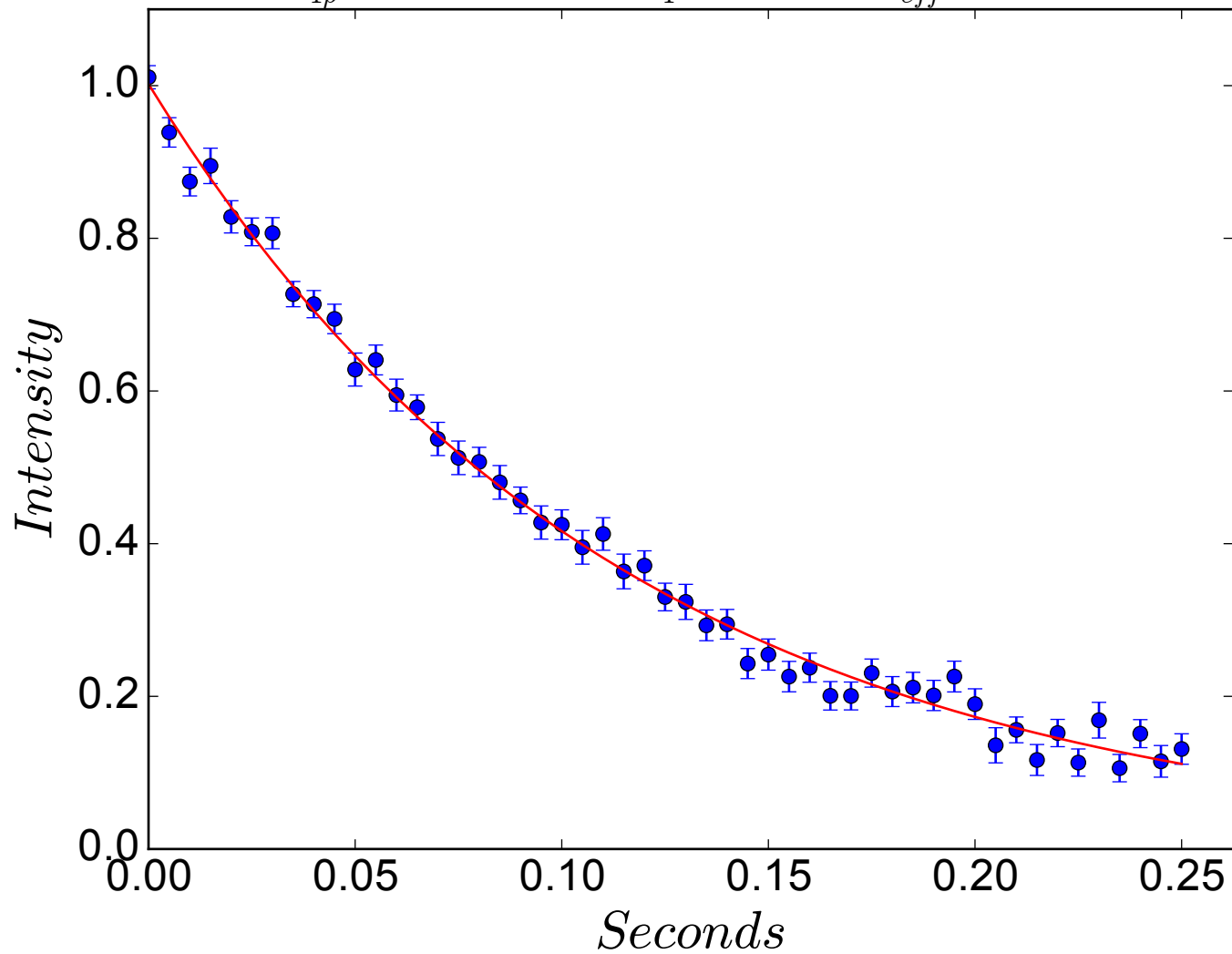
$$R_{1\rho} = 9.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 628 \text{ Hz}$$



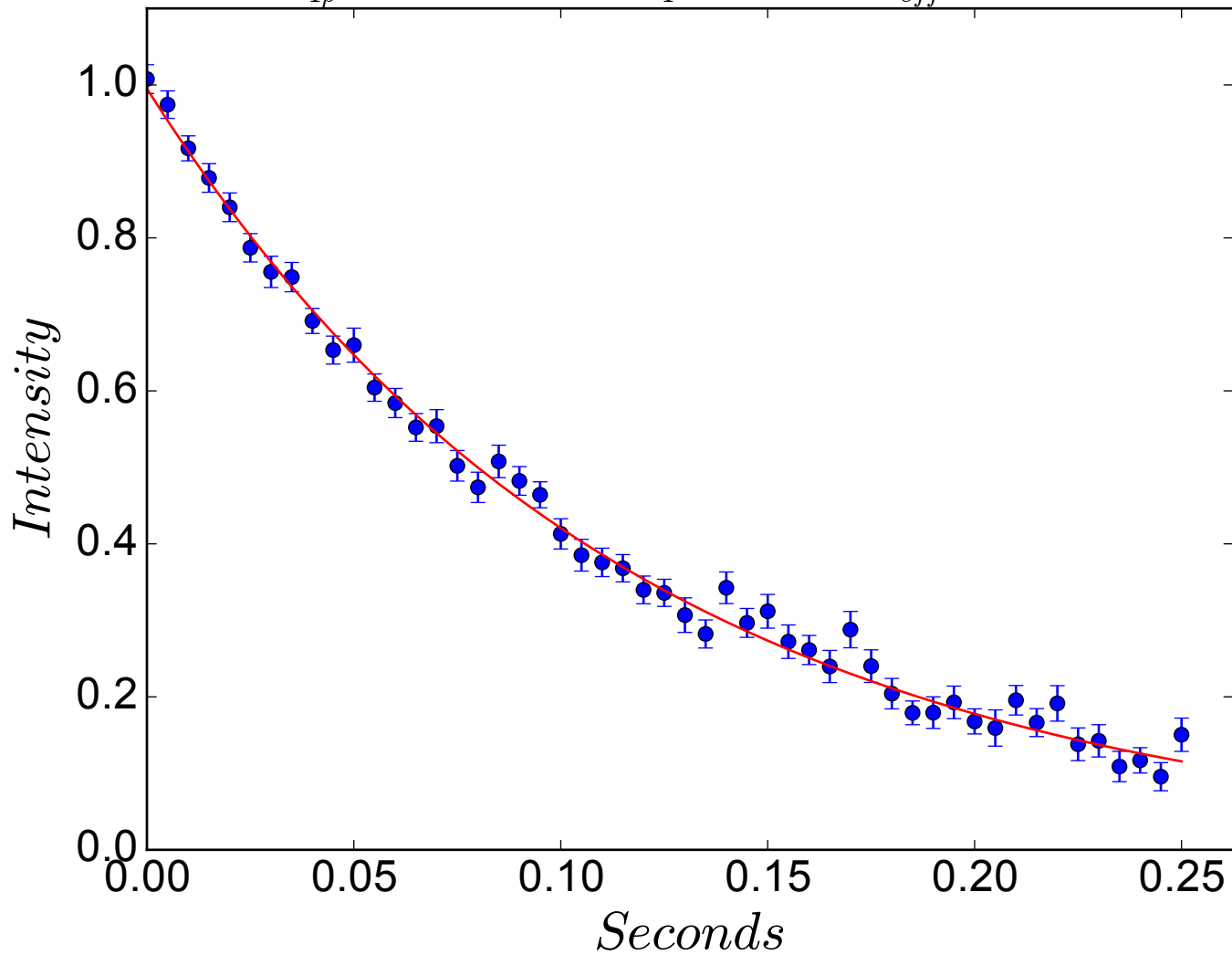
$$R_{1\rho} = 8.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 638 \text{ Hz}$$



$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 648 \text{ Hz}$$

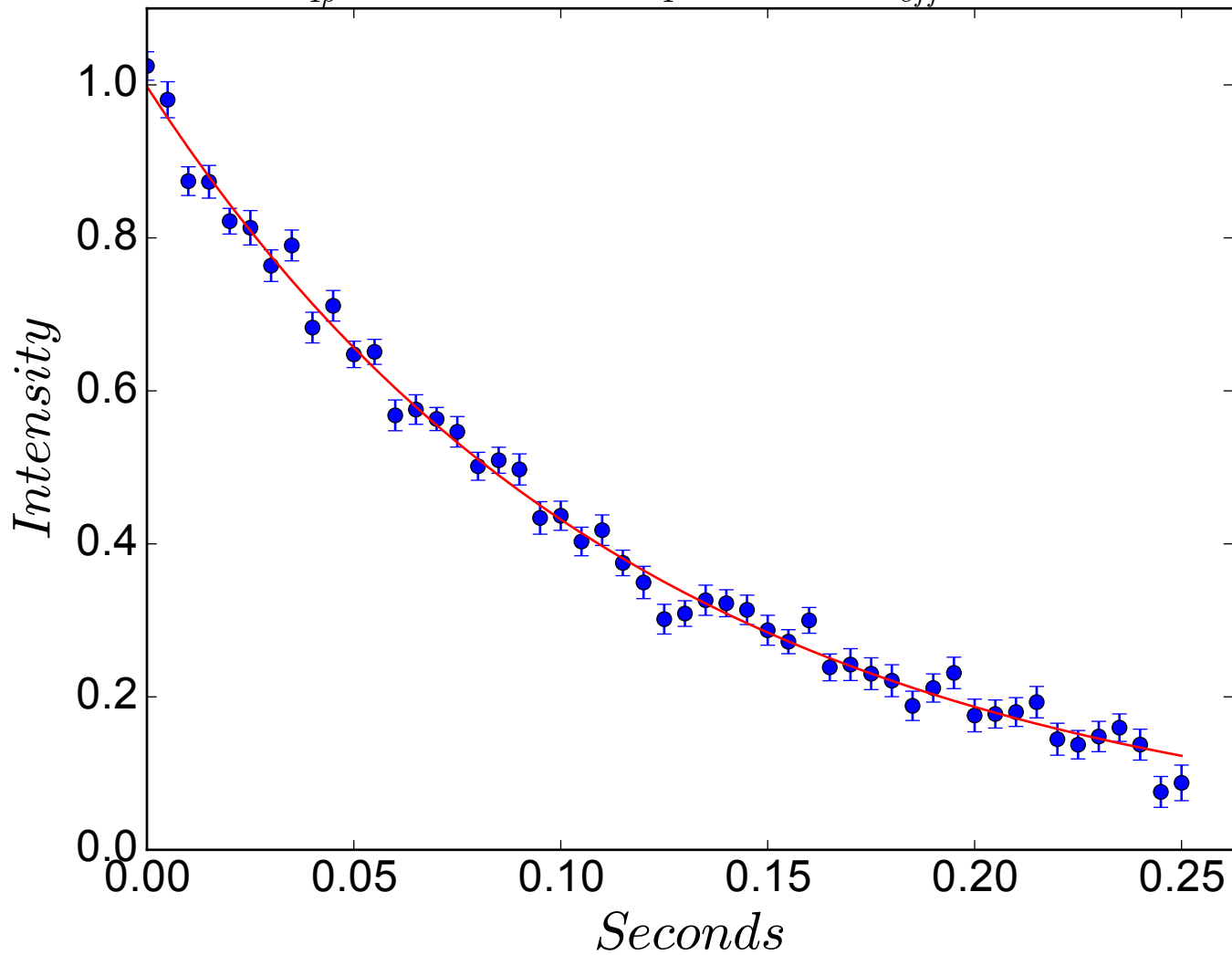


$$R_{1\rho} = 8.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 658 \text{ Hz}$$

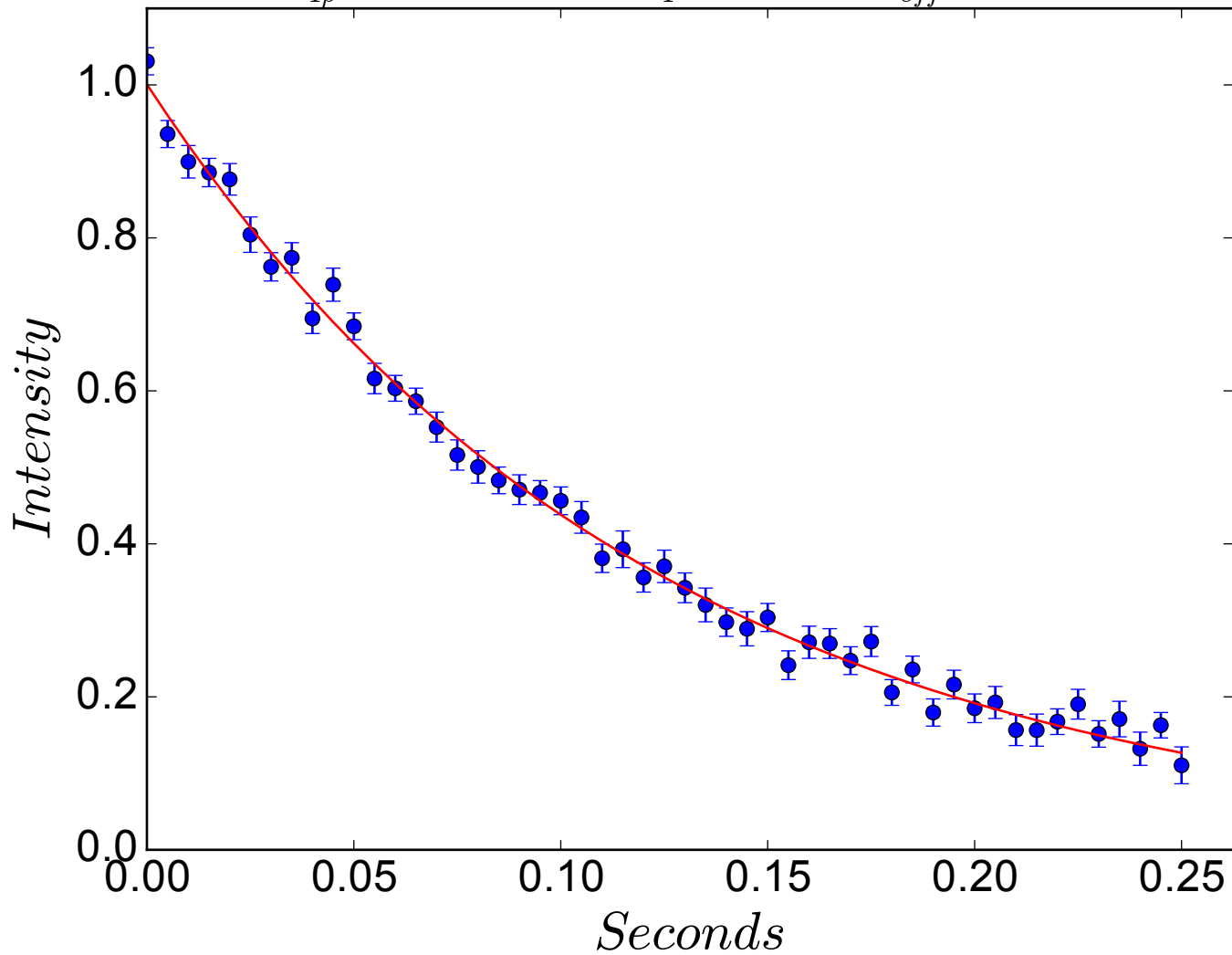




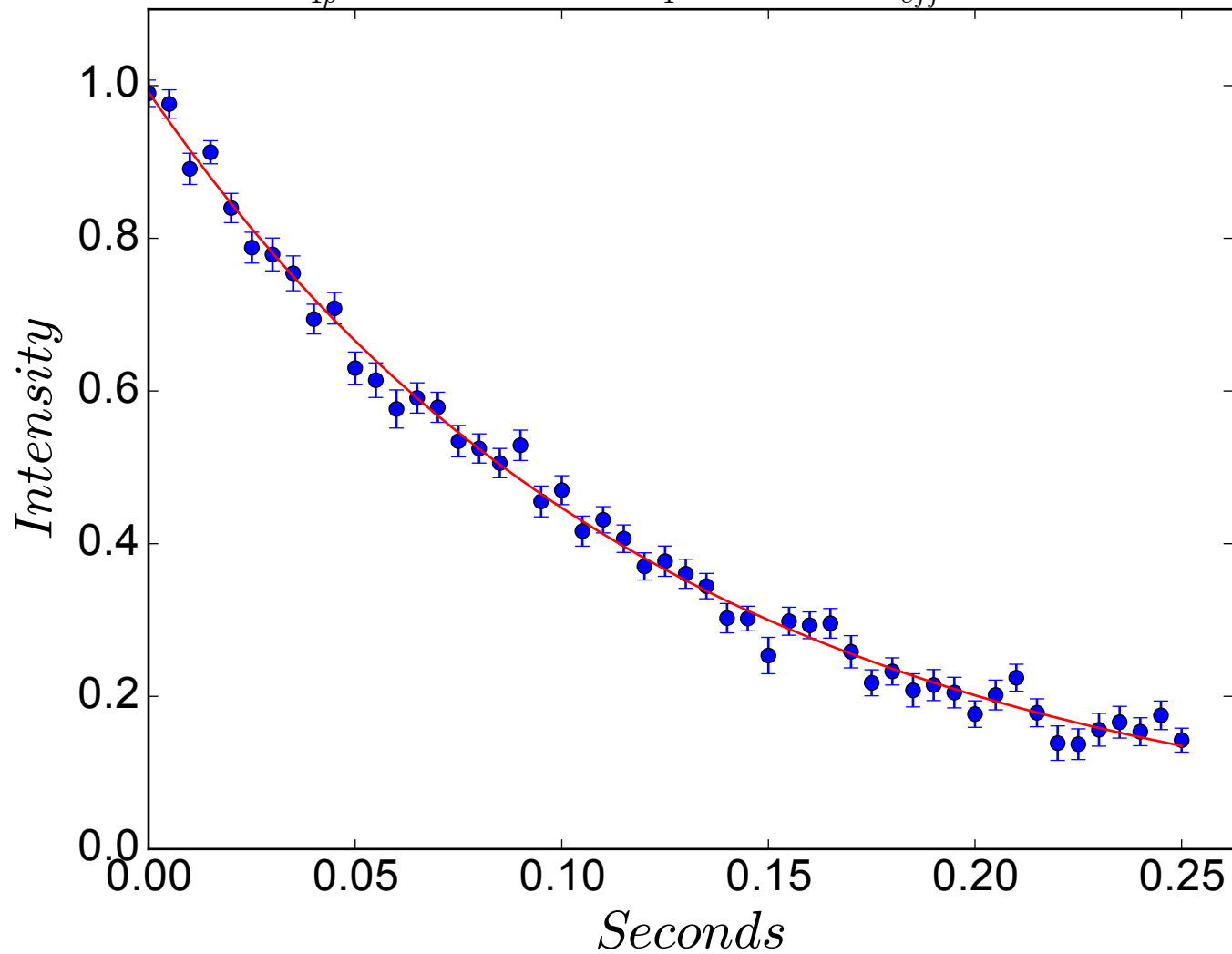
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 668 \text{ Hz}$$



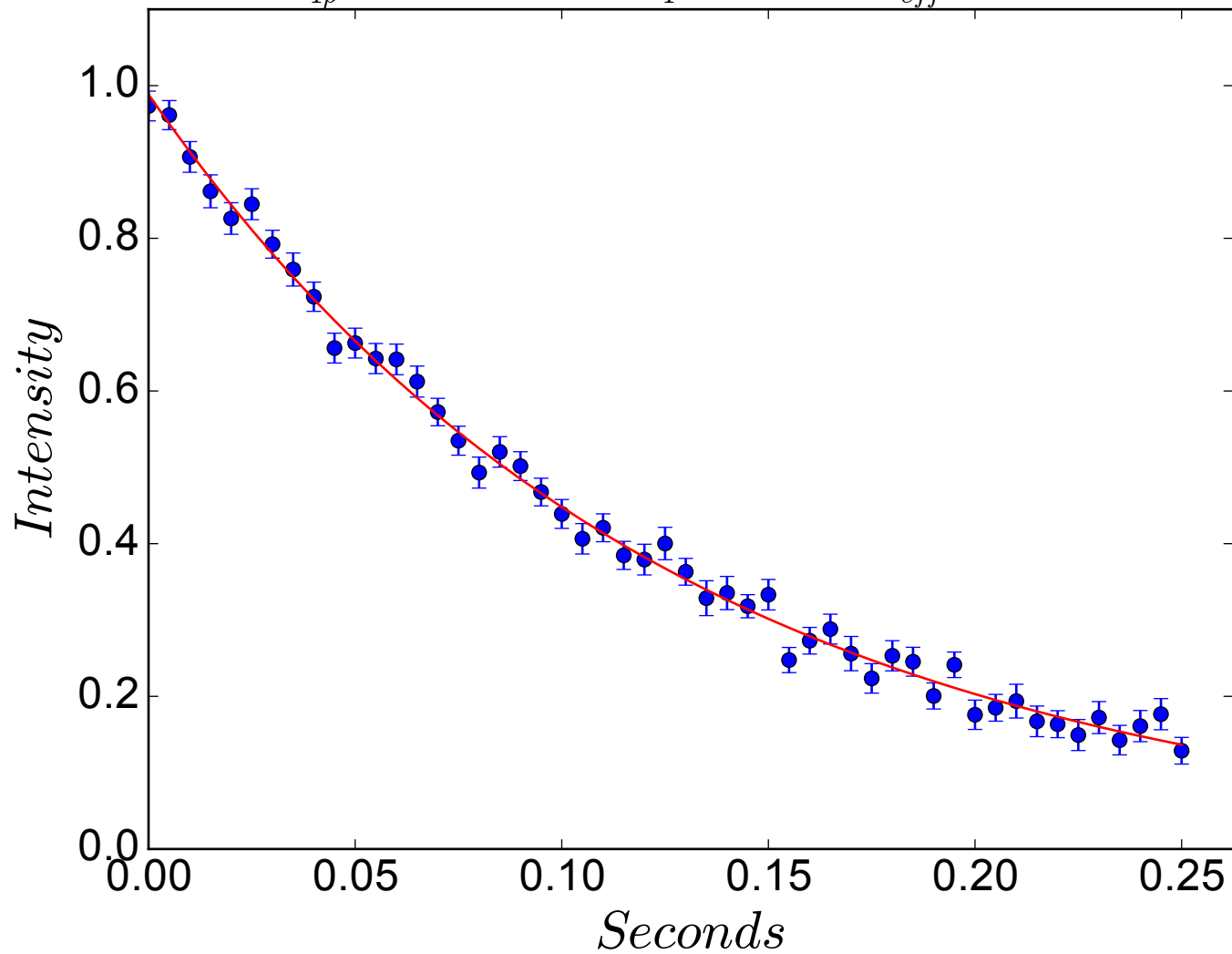
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 678 \text{ Hz}$$



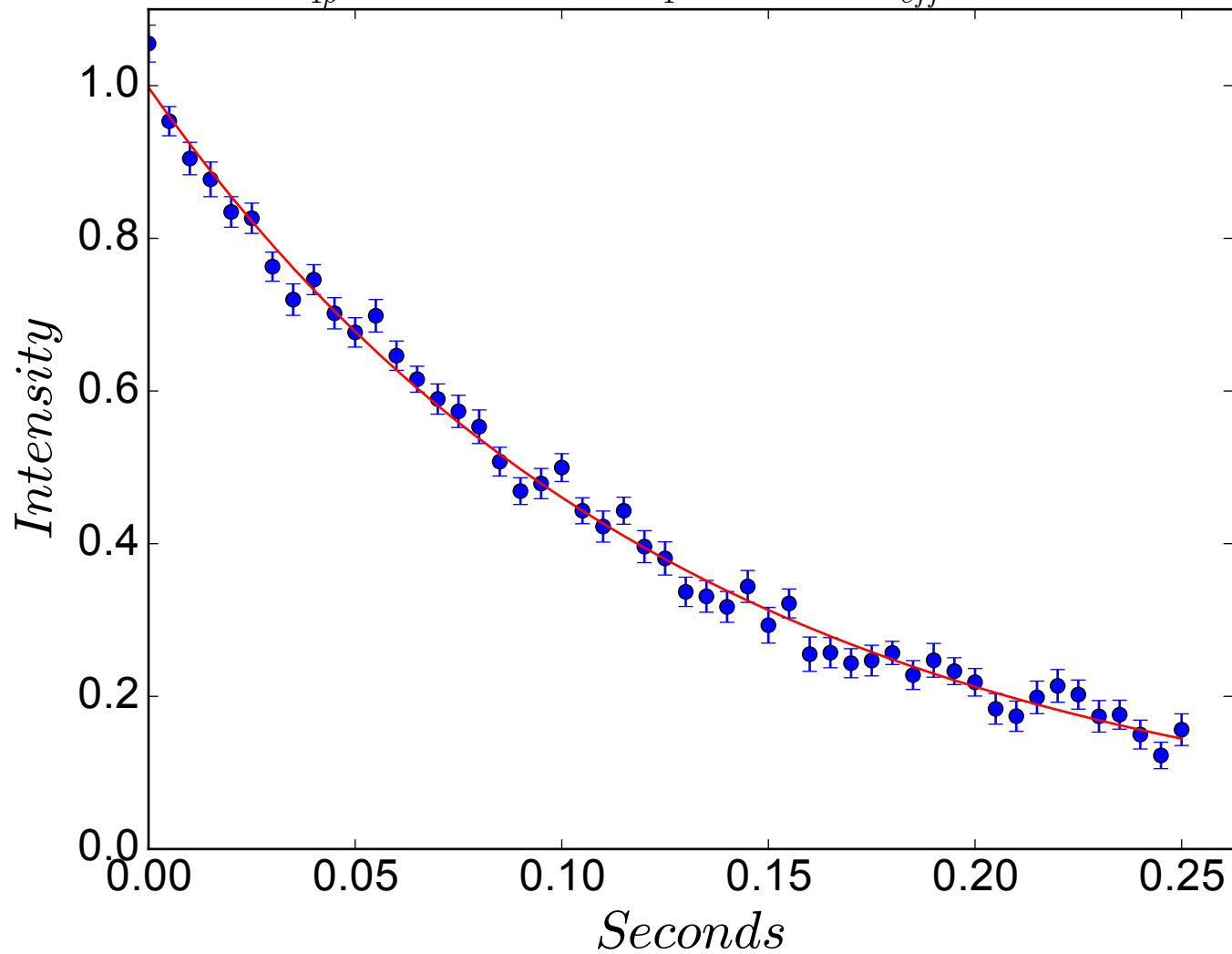
$$R_{1\rho} = 8.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 688 \text{ Hz}$$



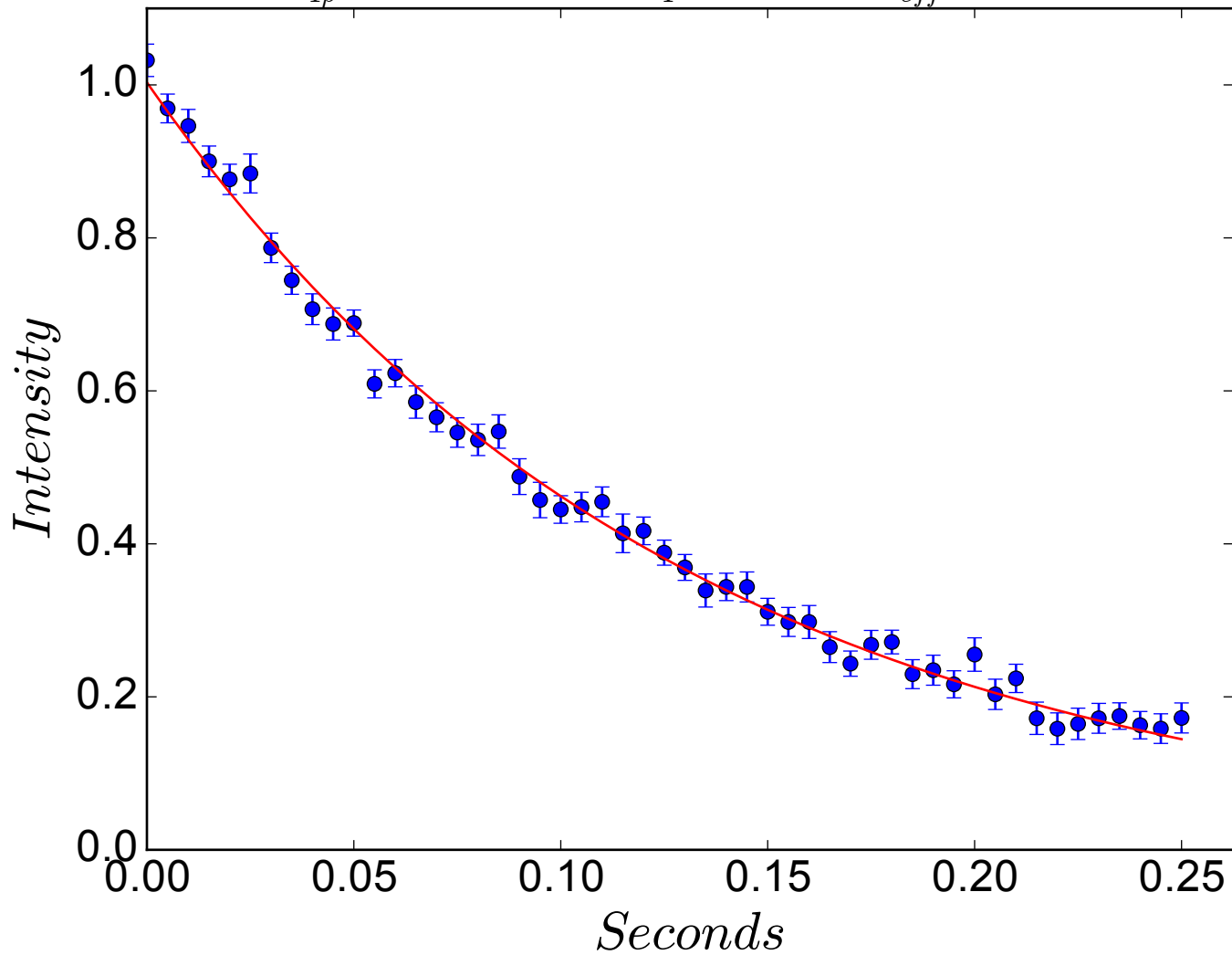
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 698 \text{ Hz}$$



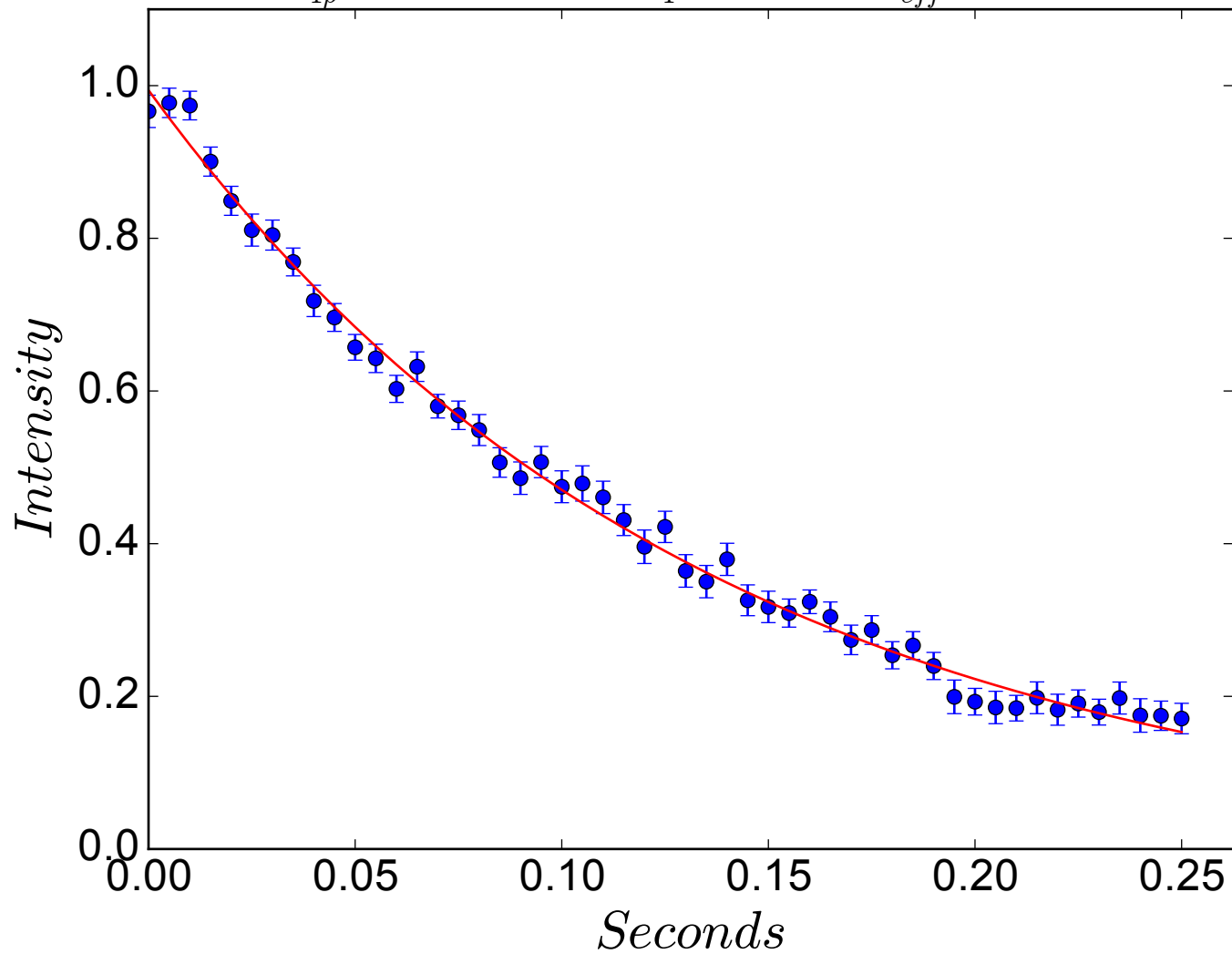
$$R_{1\rho} = 7.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 709 \text{ Hz}$$



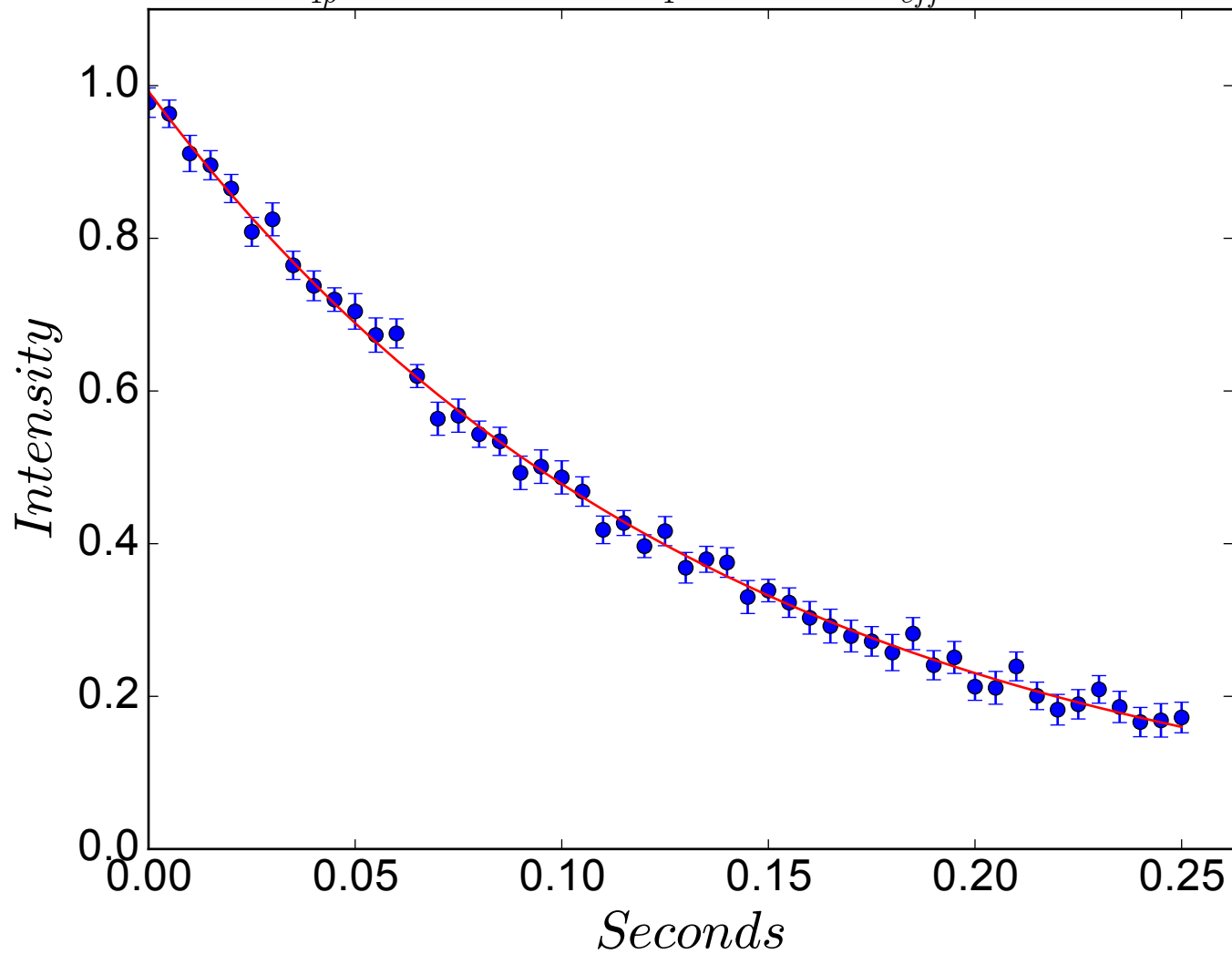
$$R_{1\rho} = 7.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 719 \text{ Hz}$$



$$R_{1\rho} = 7.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 729 \text{ Hz}$$

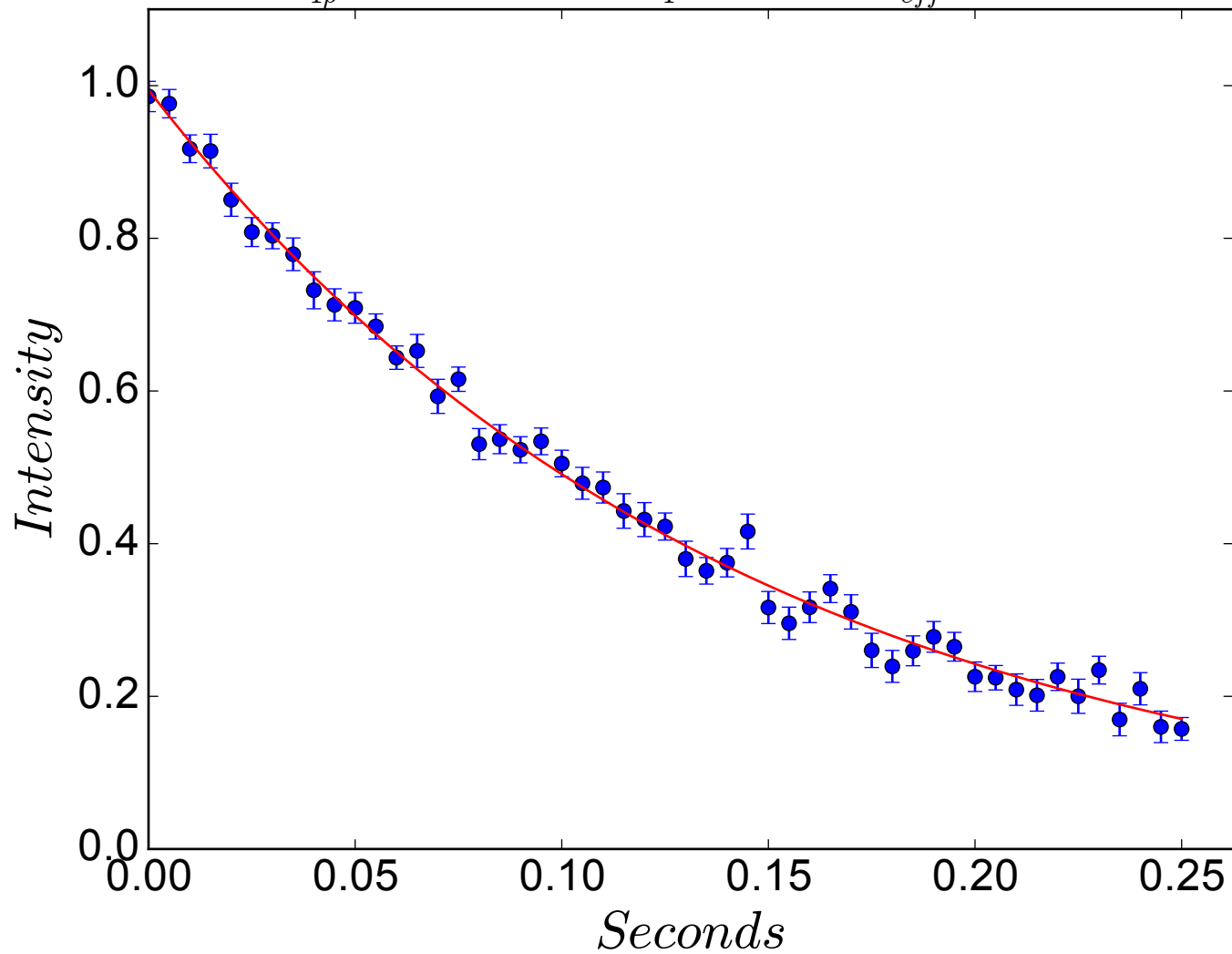


$$R_{1\rho} = 7.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 739 \text{ Hz}$$

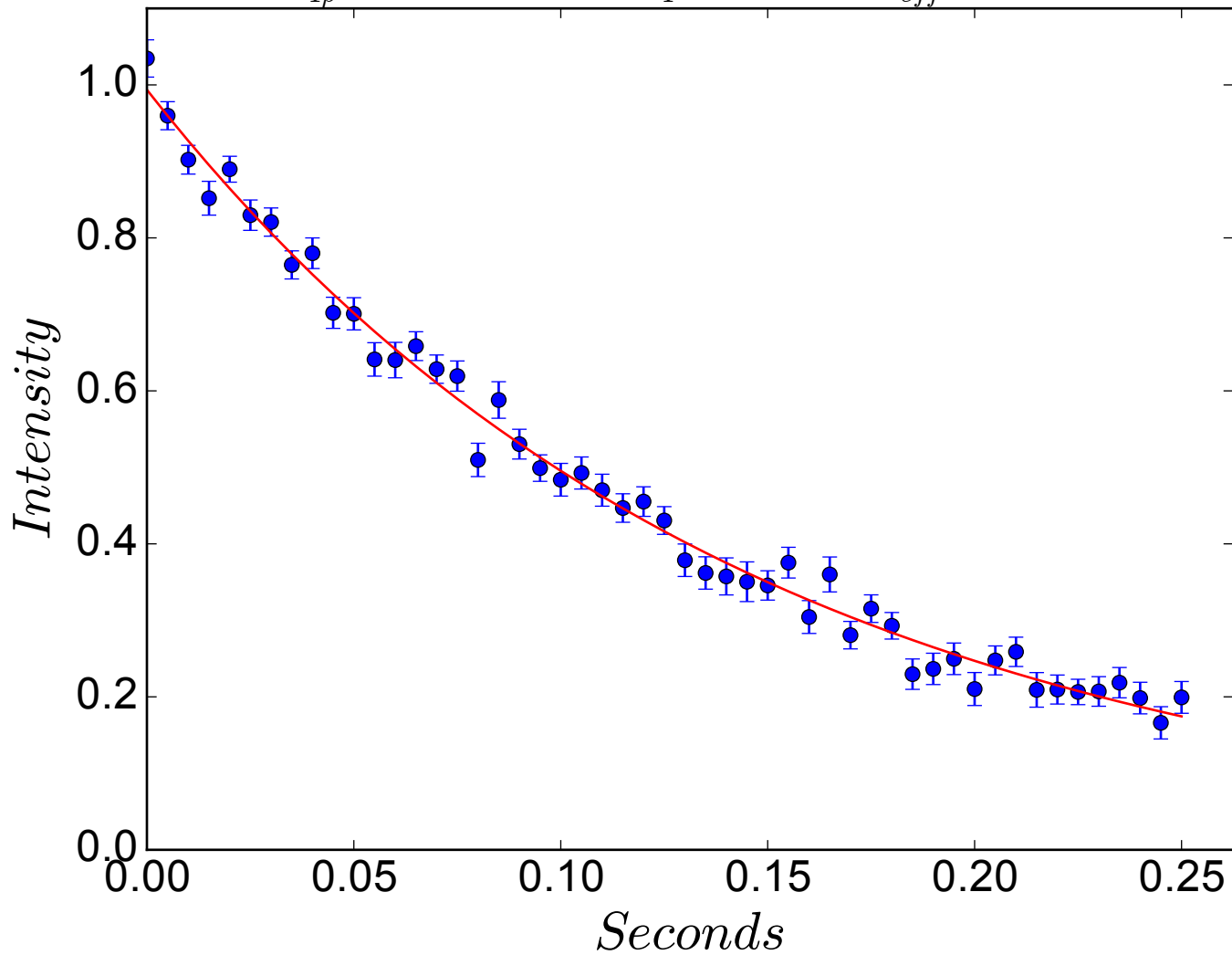




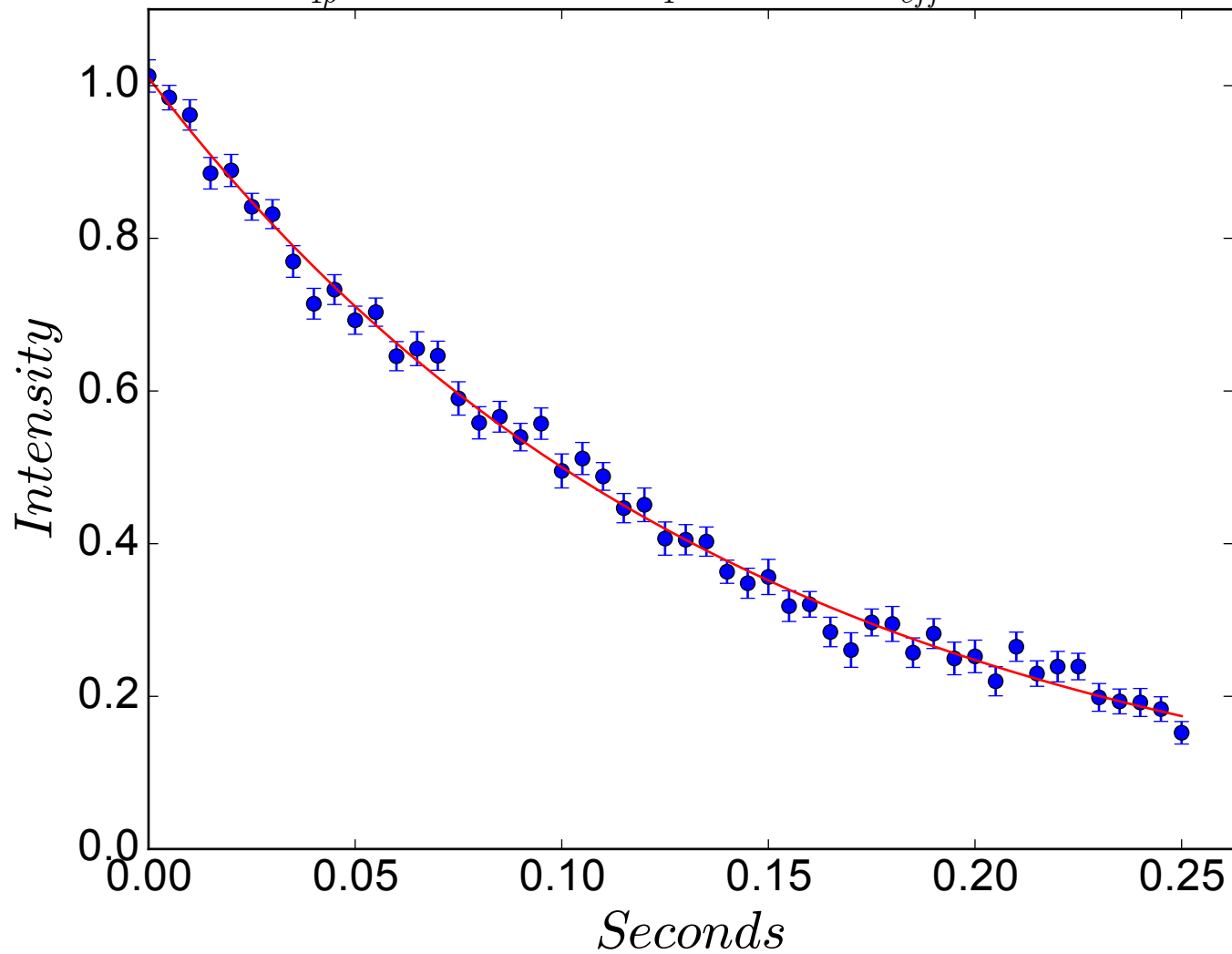
$$R_{1\rho} = 7.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 749 \text{ Hz}$$



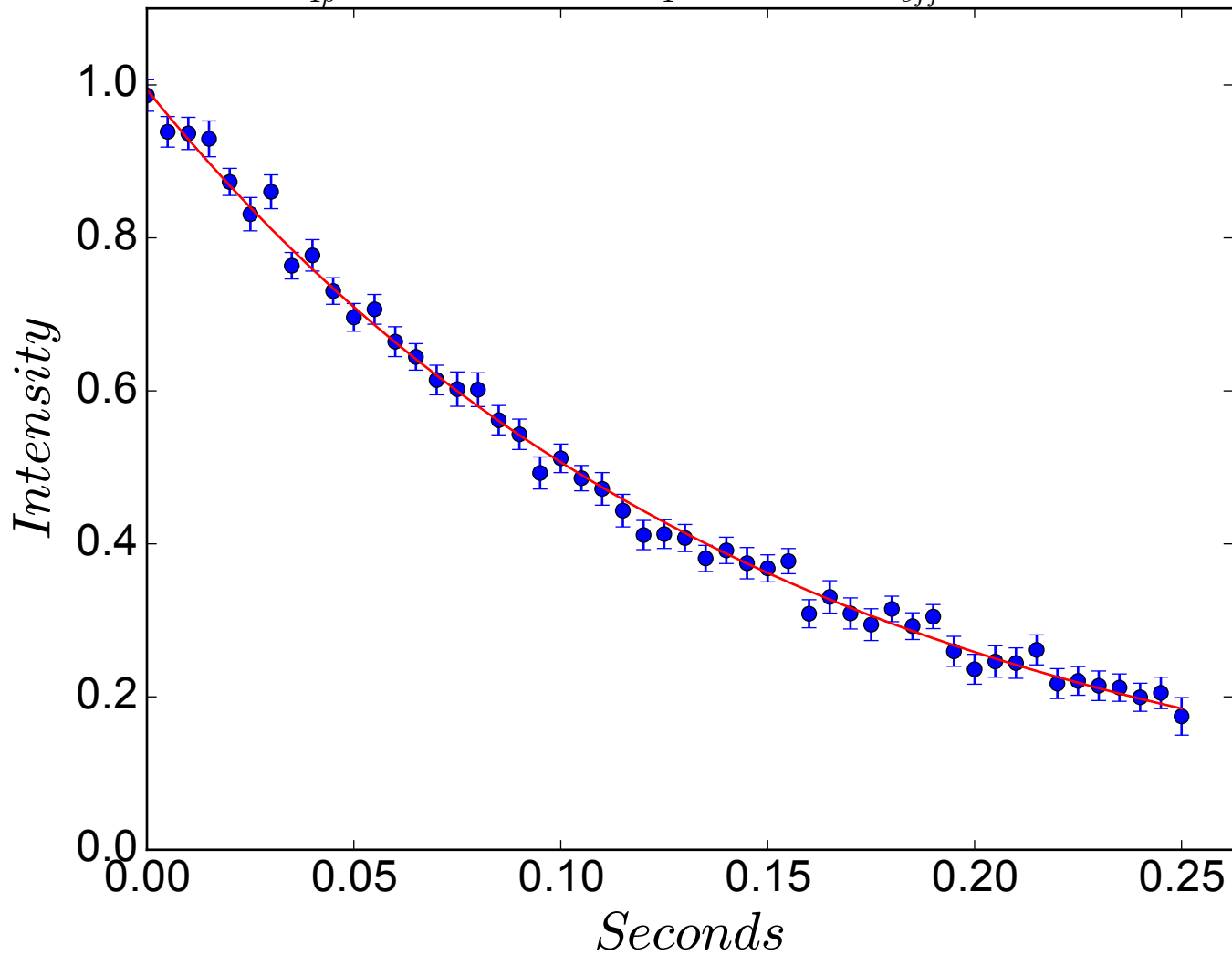
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 759 \text{ Hz}$$



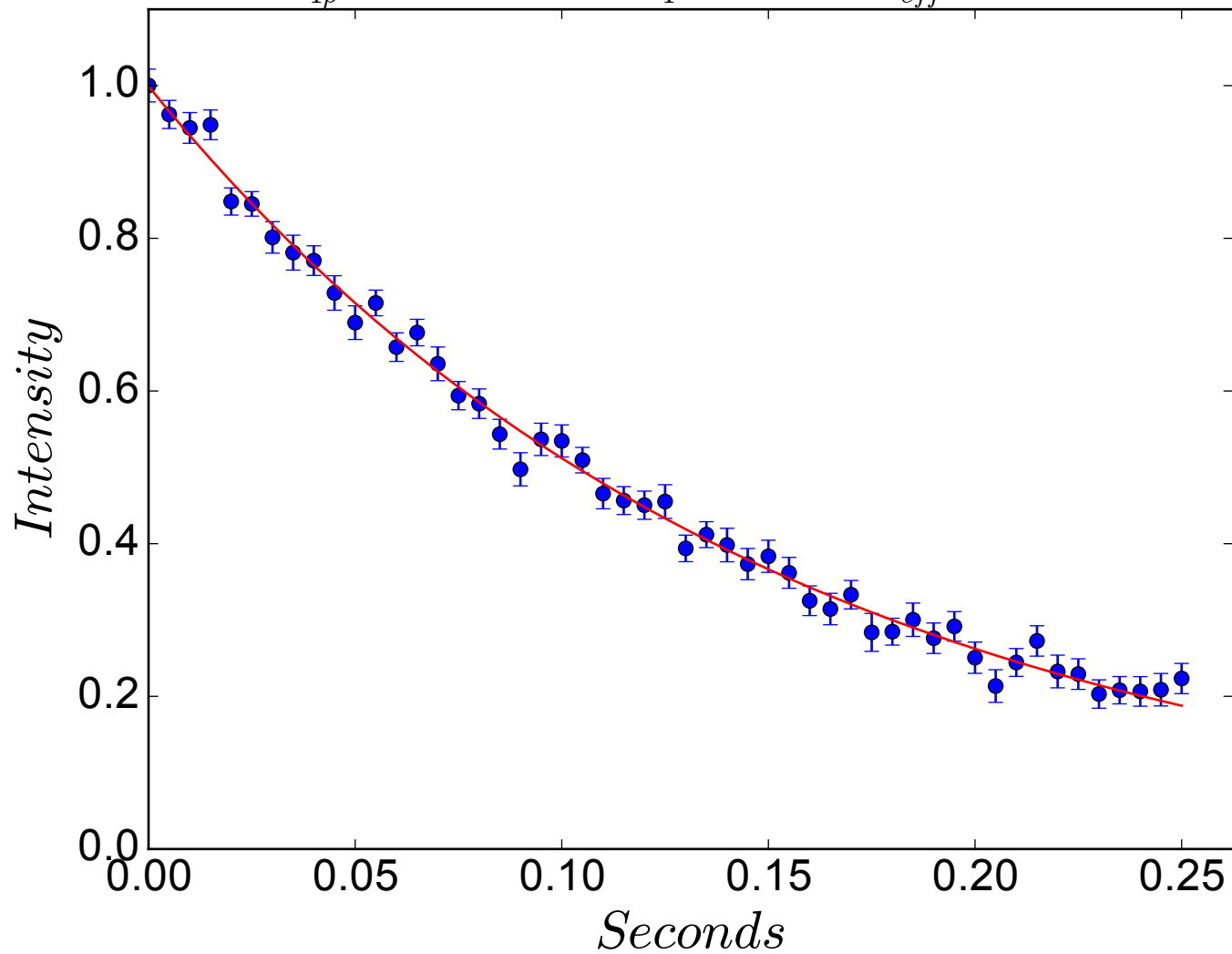
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 769 \text{ Hz}$$



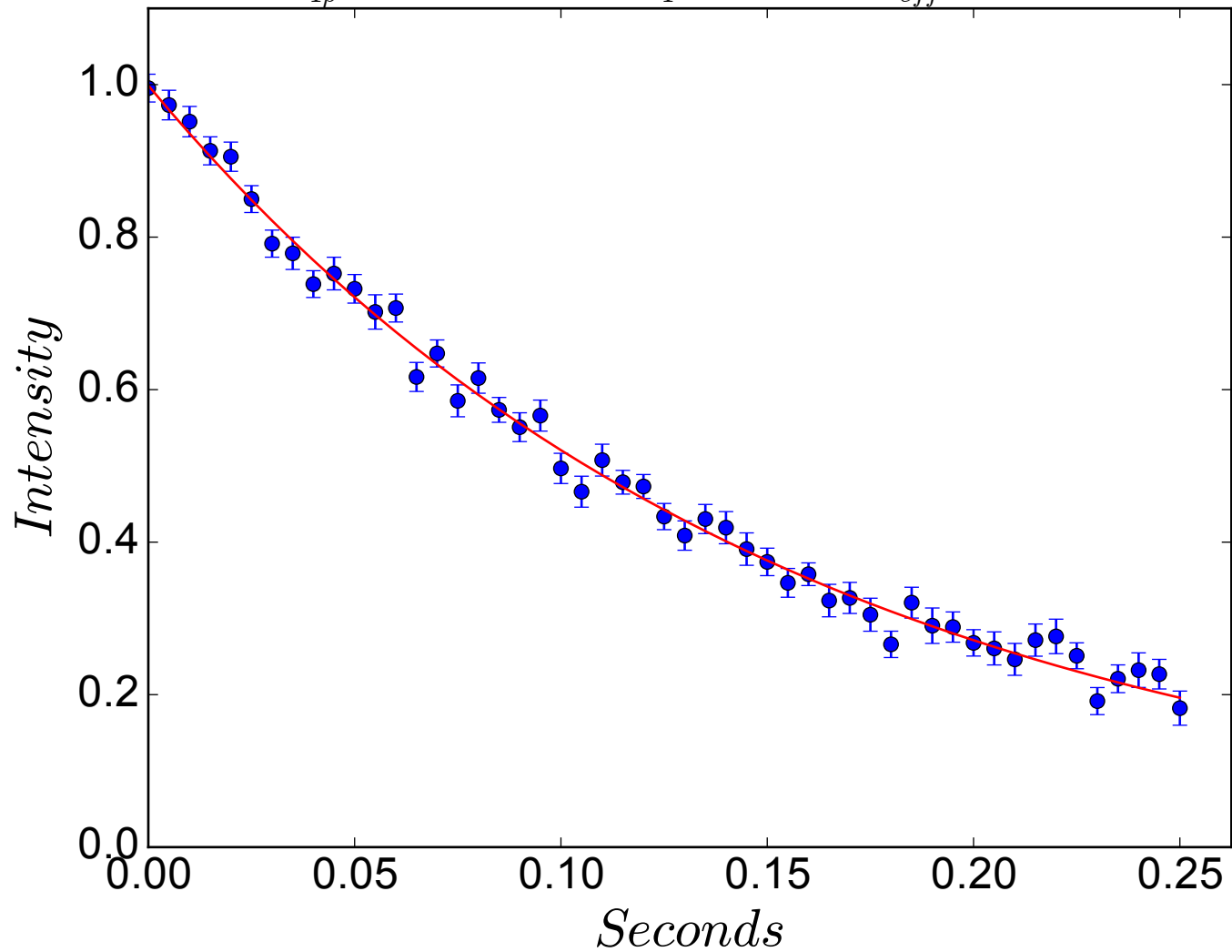
$$R_{1\rho} = 6.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 779 \text{ Hz}$$



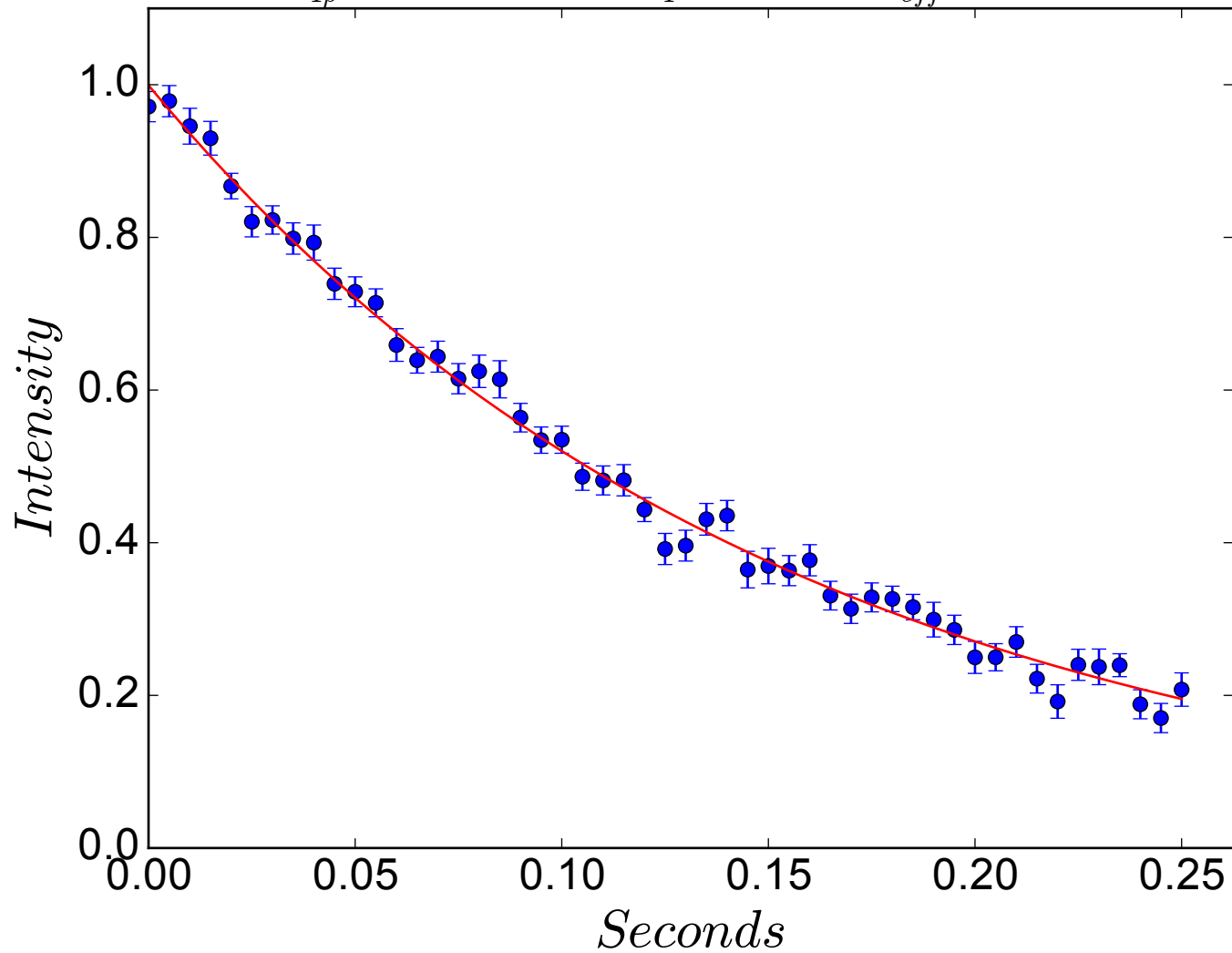
$$R_{1\rho} = 6.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 789 \text{ Hz}$$



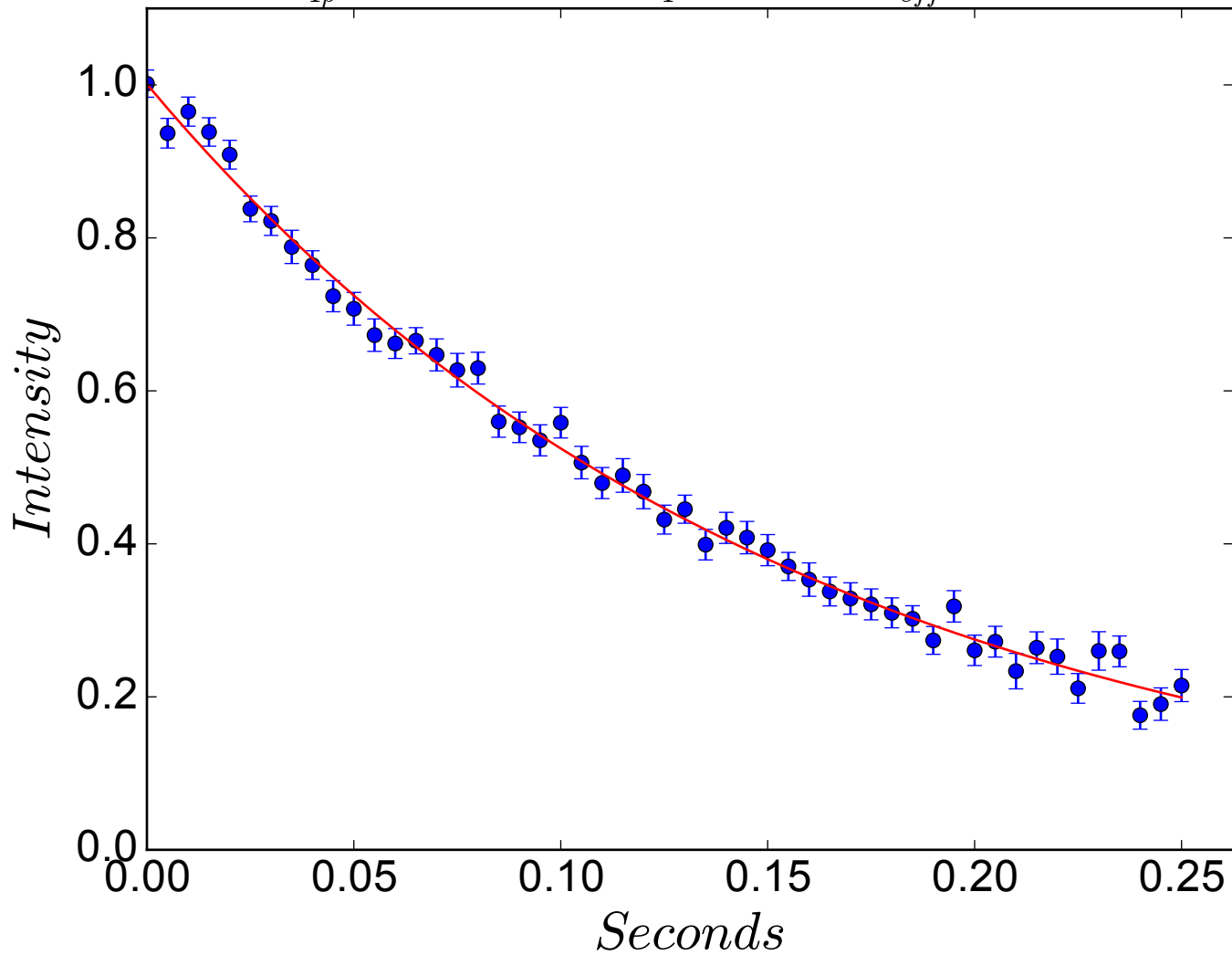
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 799 \text{ Hz}$$



$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 809 \text{ Hz}$$

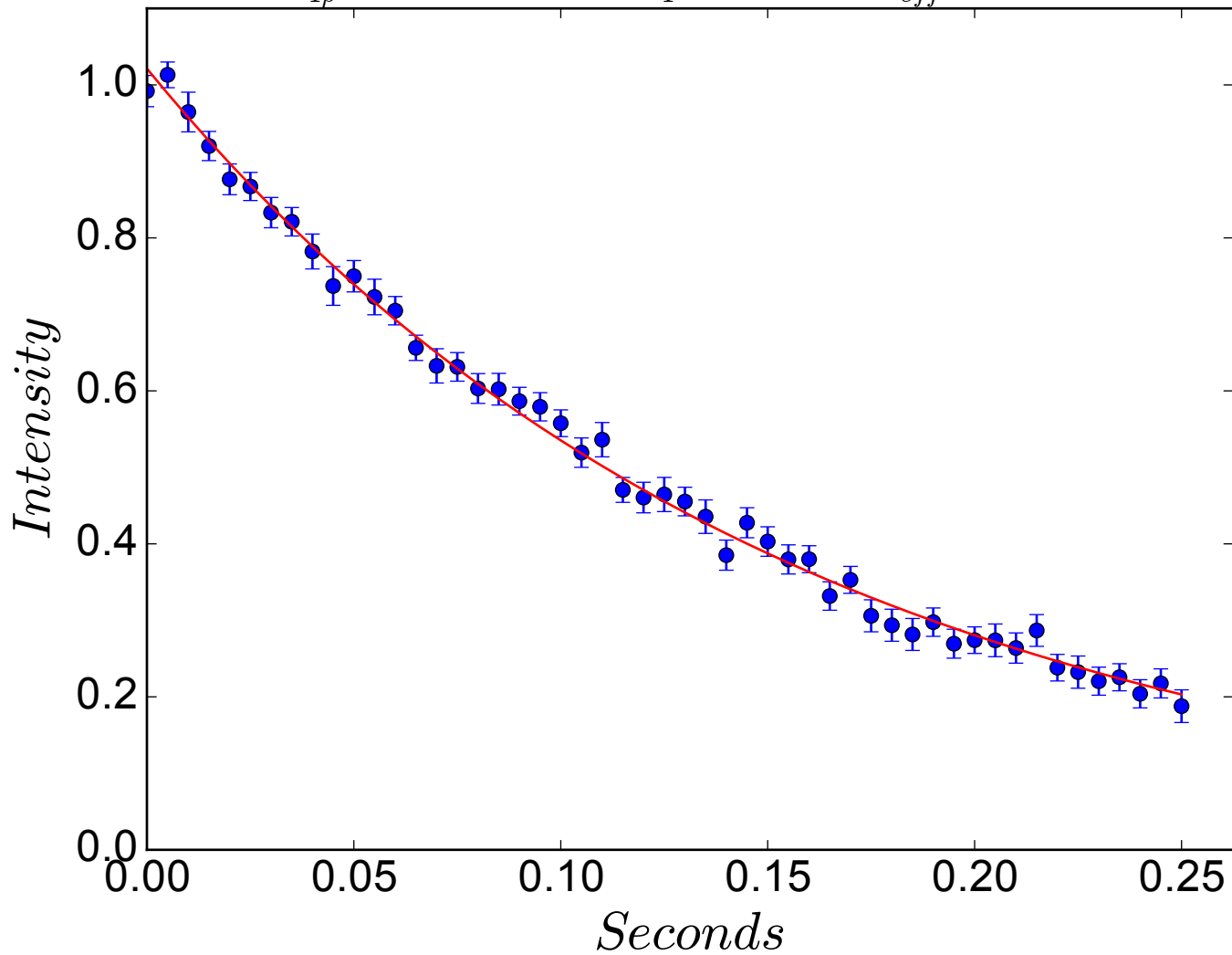


$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 819 \text{ Hz}$$

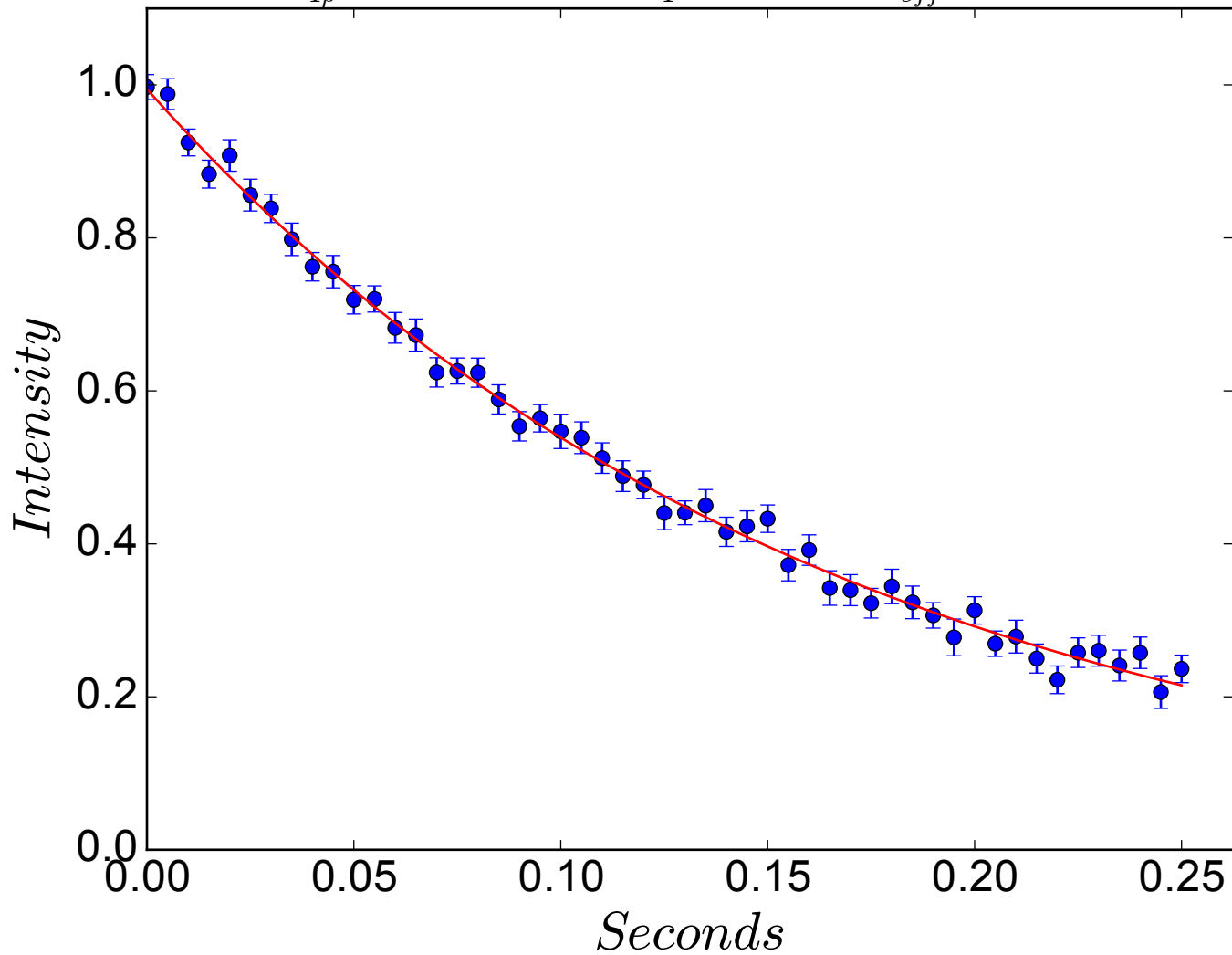




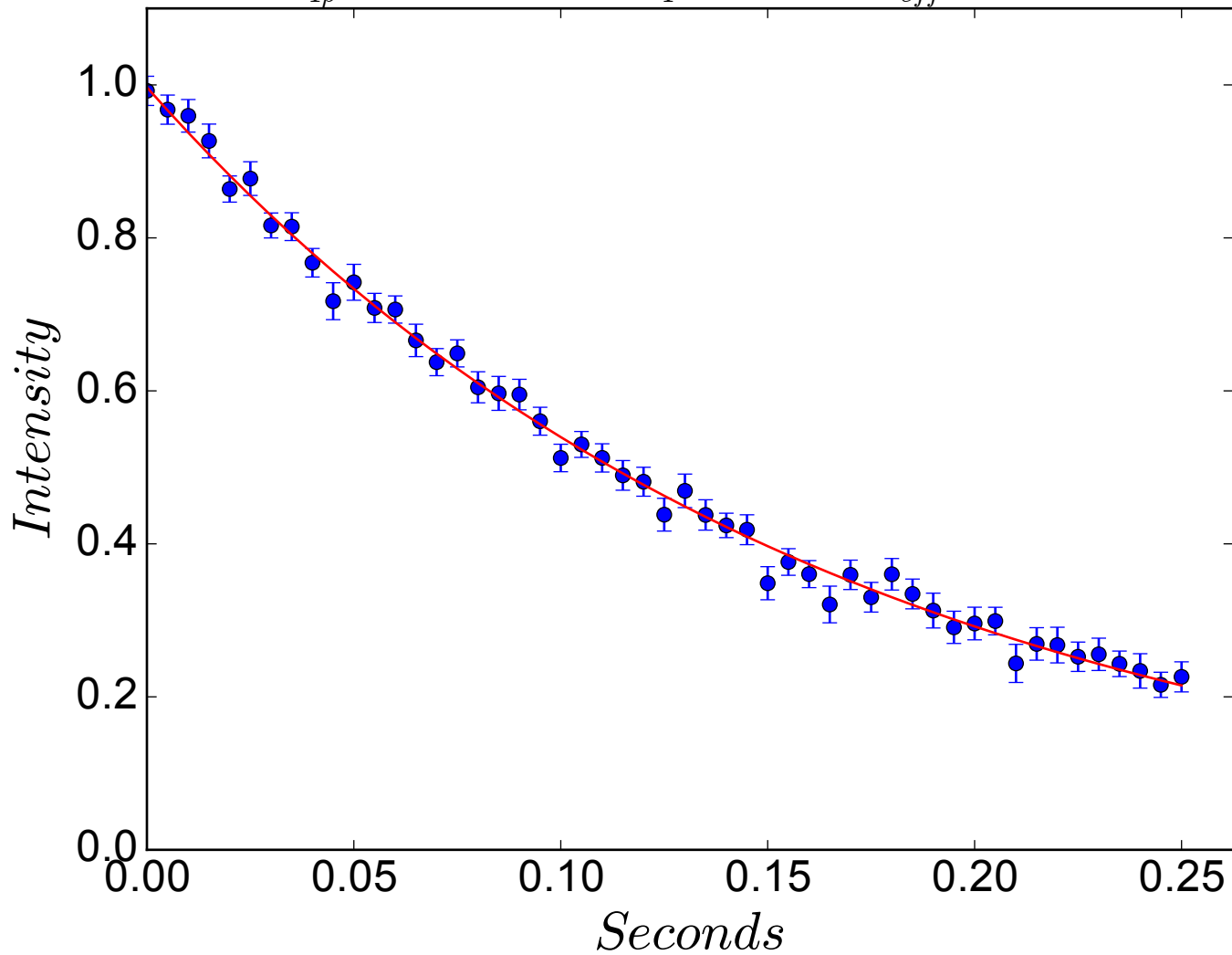
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 829 \text{ Hz}$$



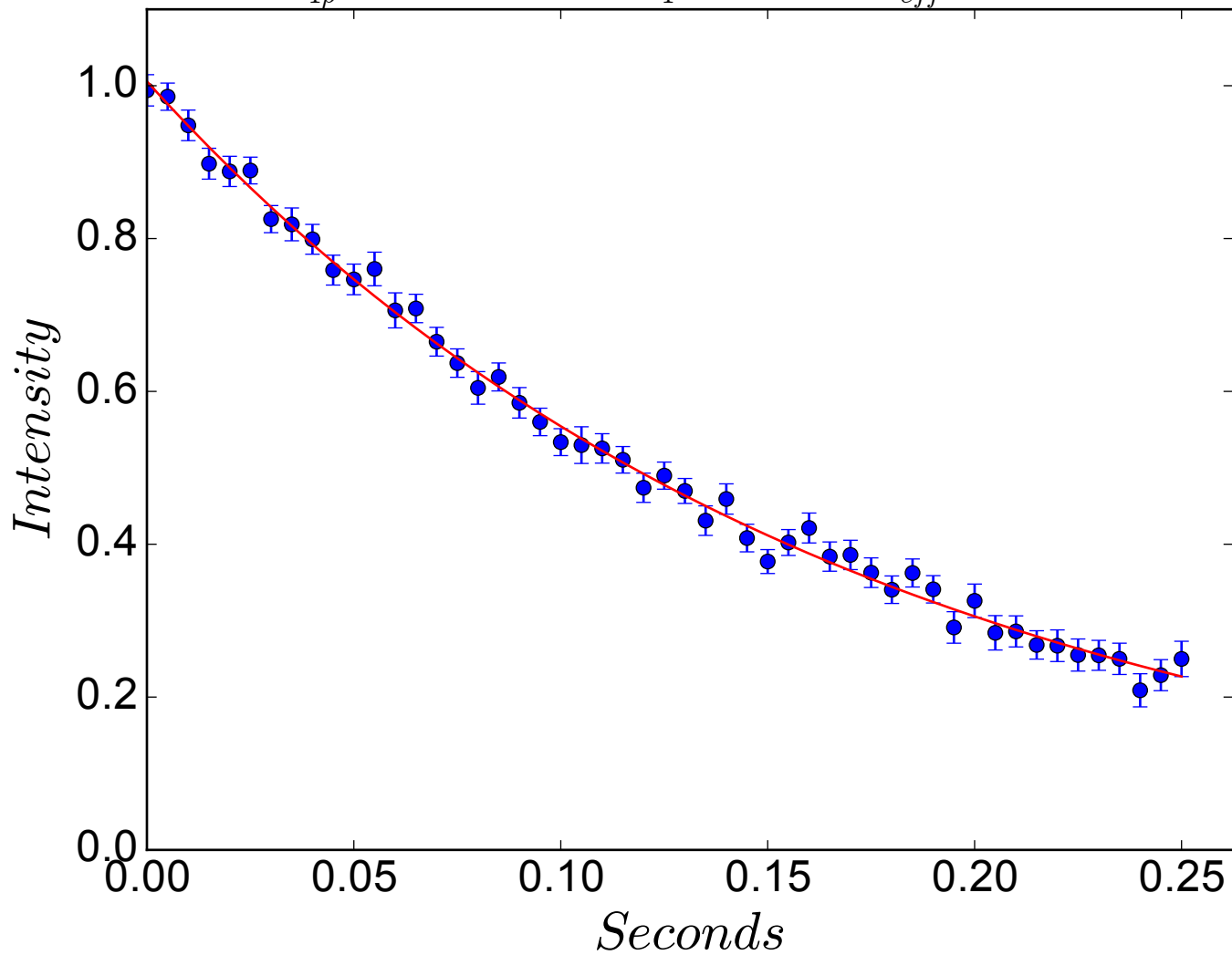
$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 839 \text{ Hz}$$



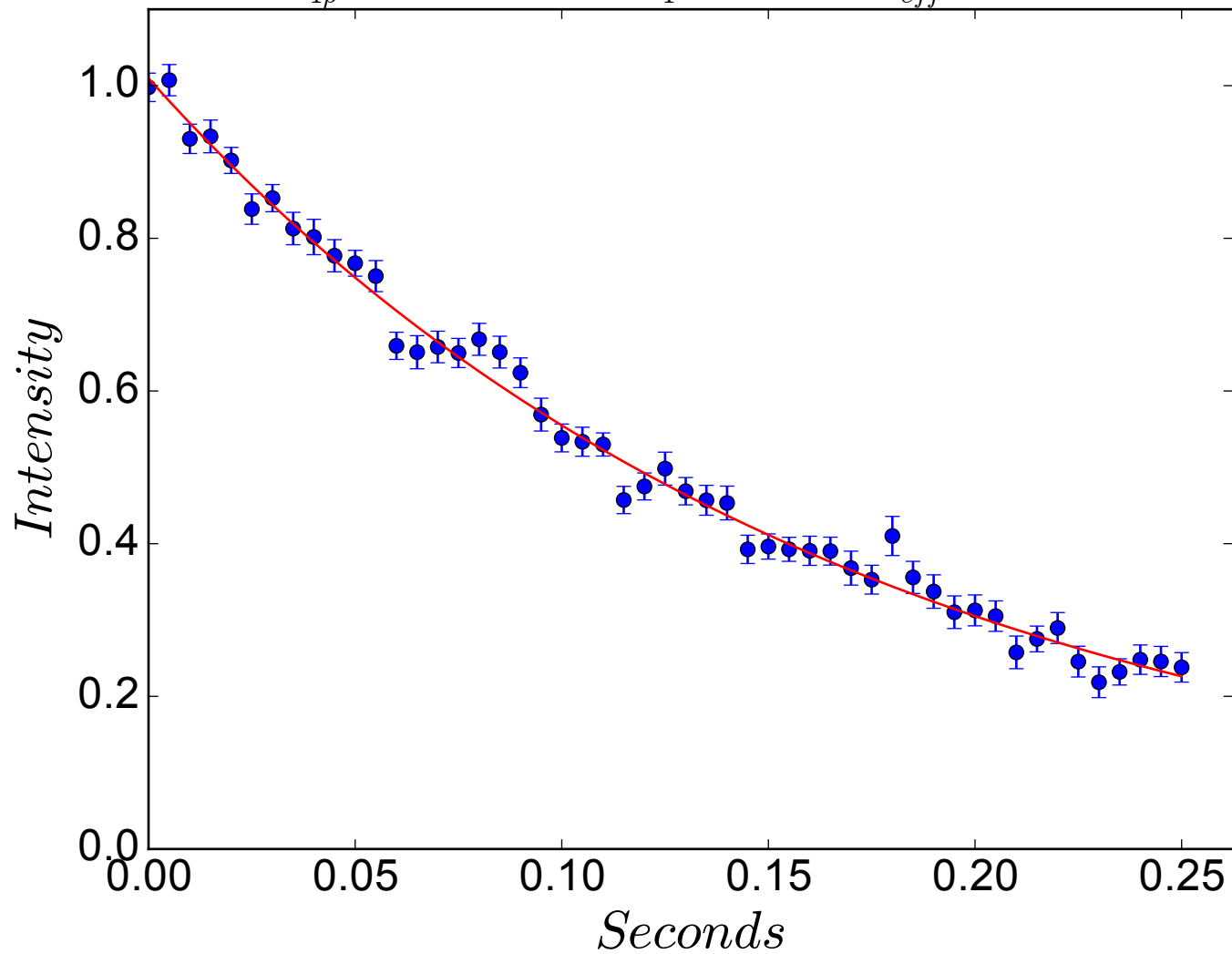
$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 849 \text{ Hz}$$



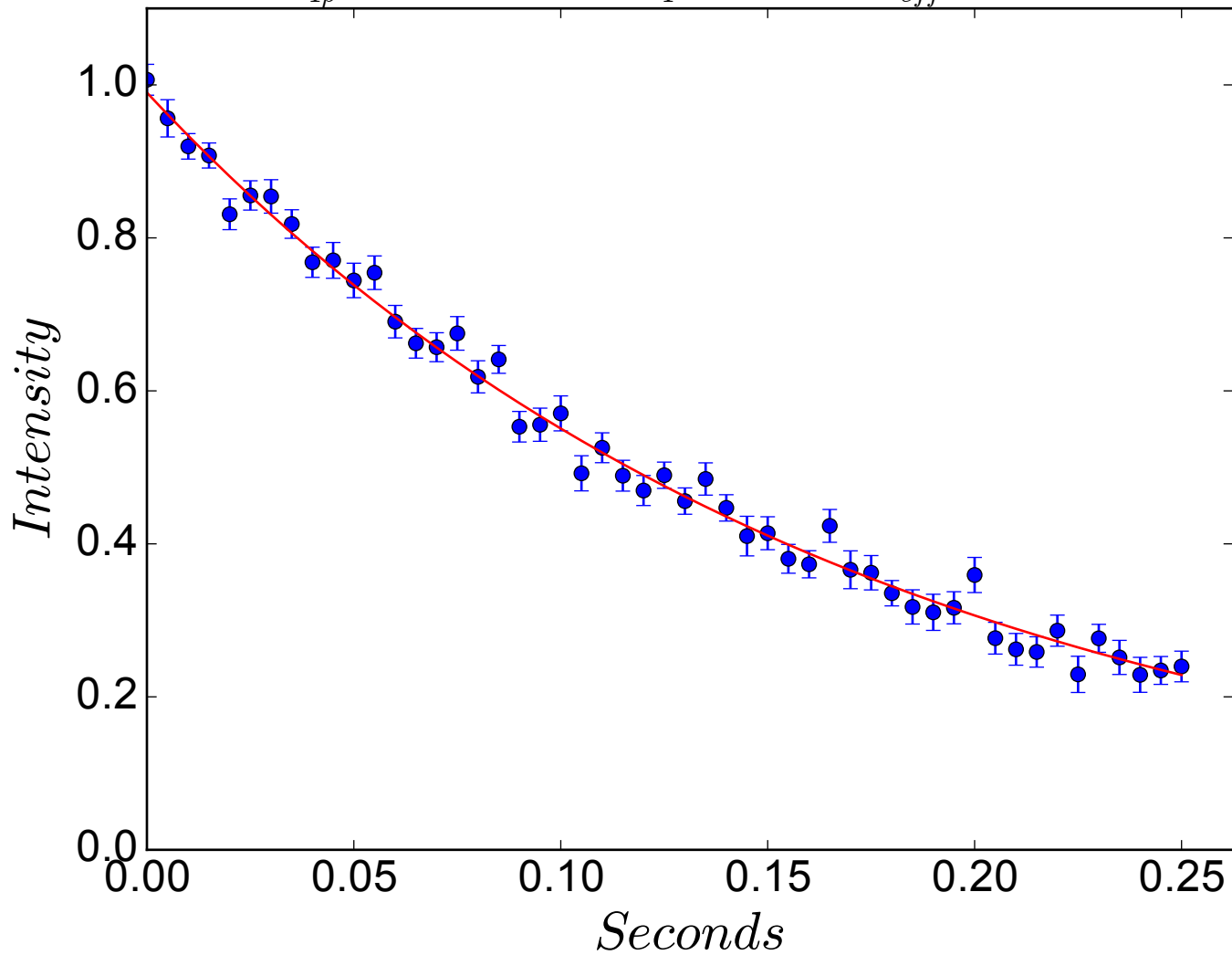
$$R_{1\rho} = 6.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 859 \text{ Hz}$$



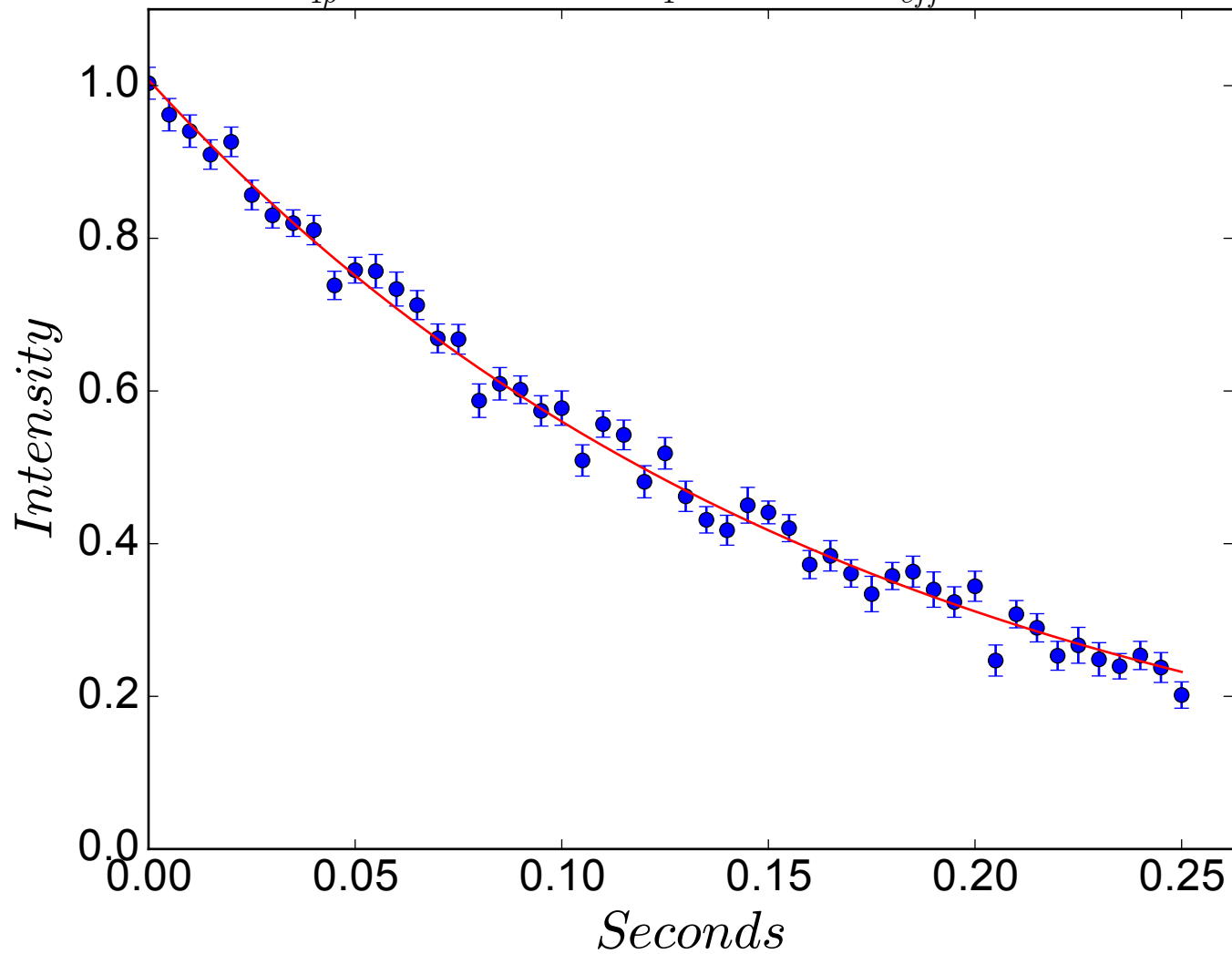
$$R_{1\rho} = 6.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 869 \text{ Hz}$$



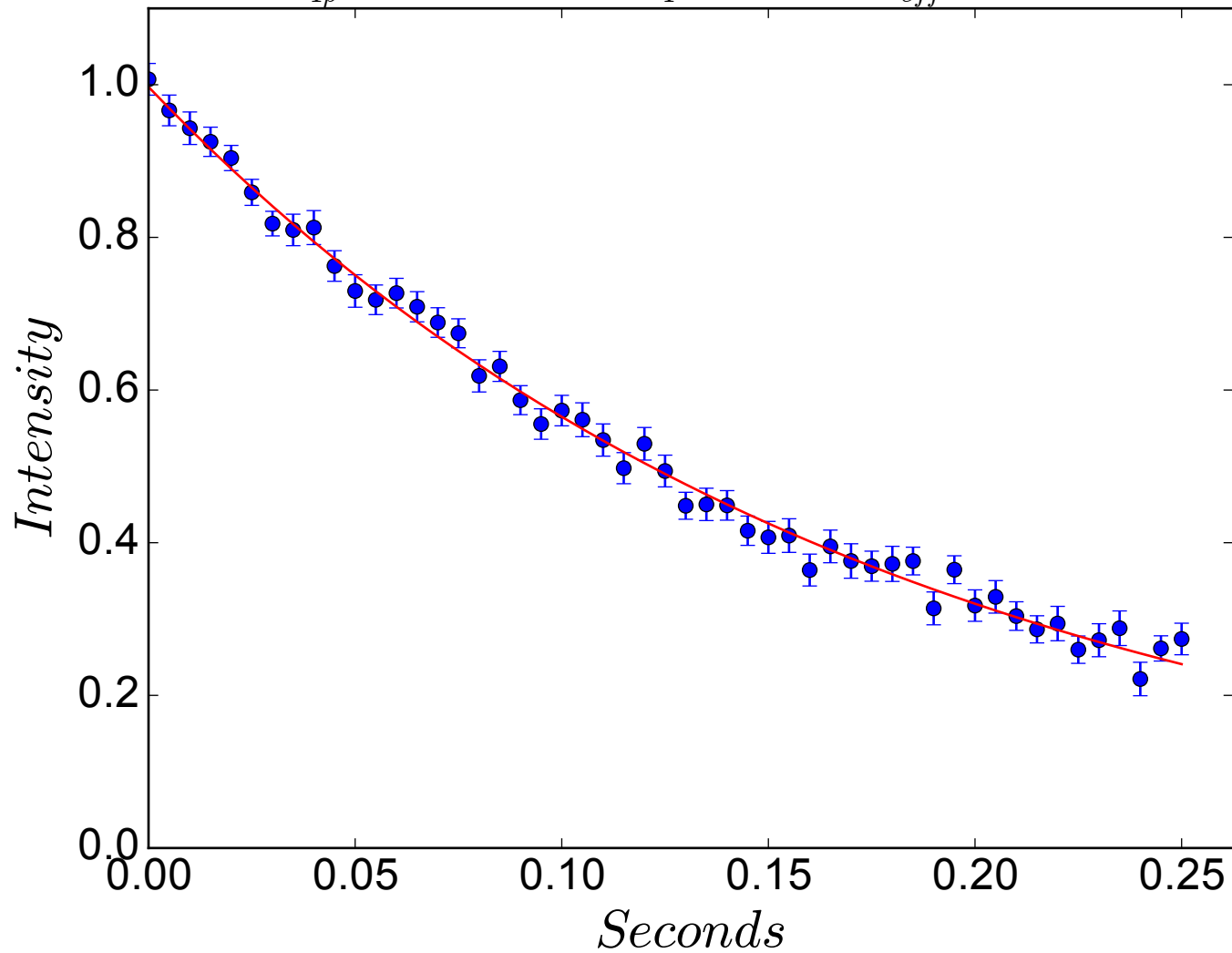
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 879 \text{ Hz}$$



$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 889 \text{ Hz}$$

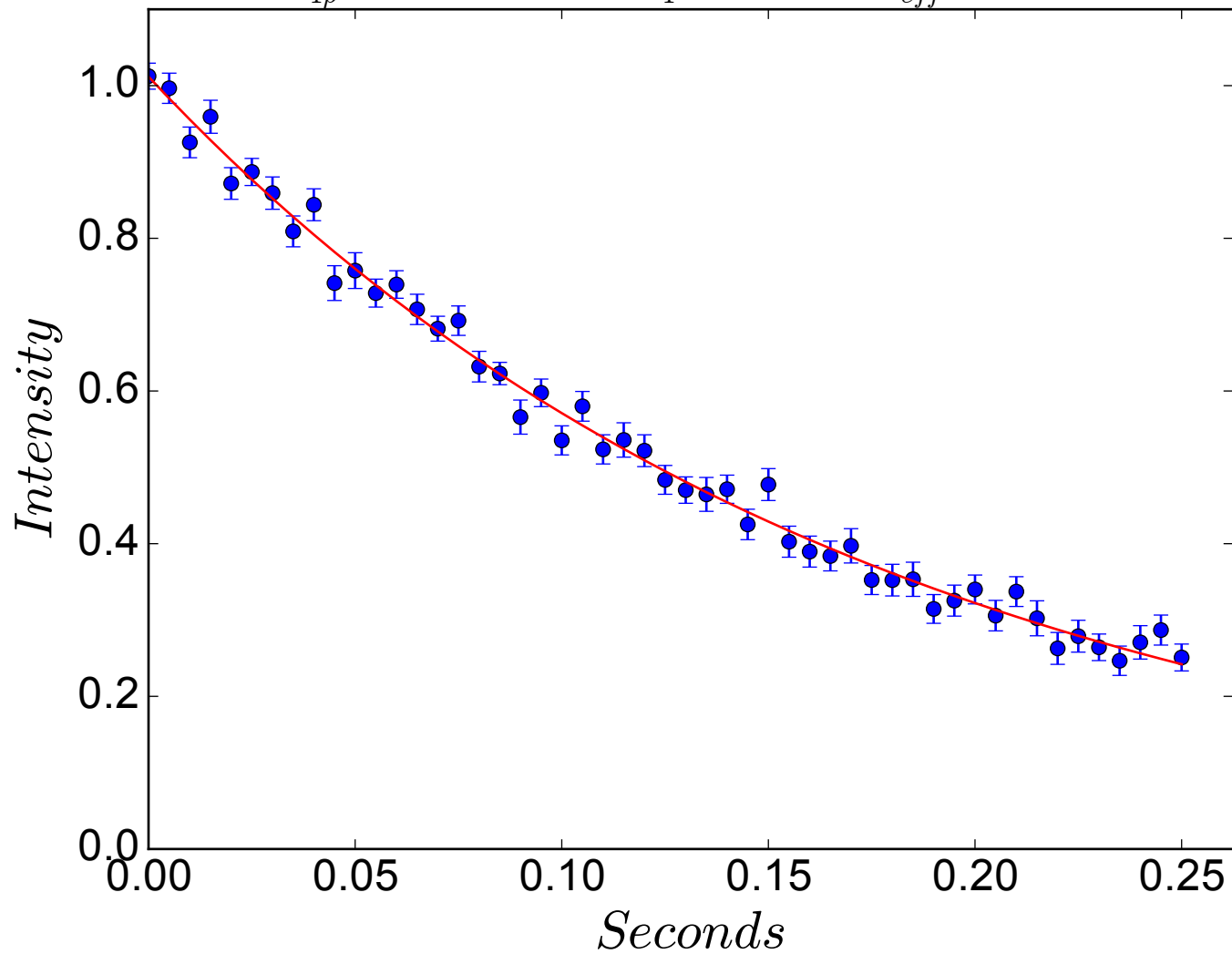


$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 899 \text{ Hz}$$

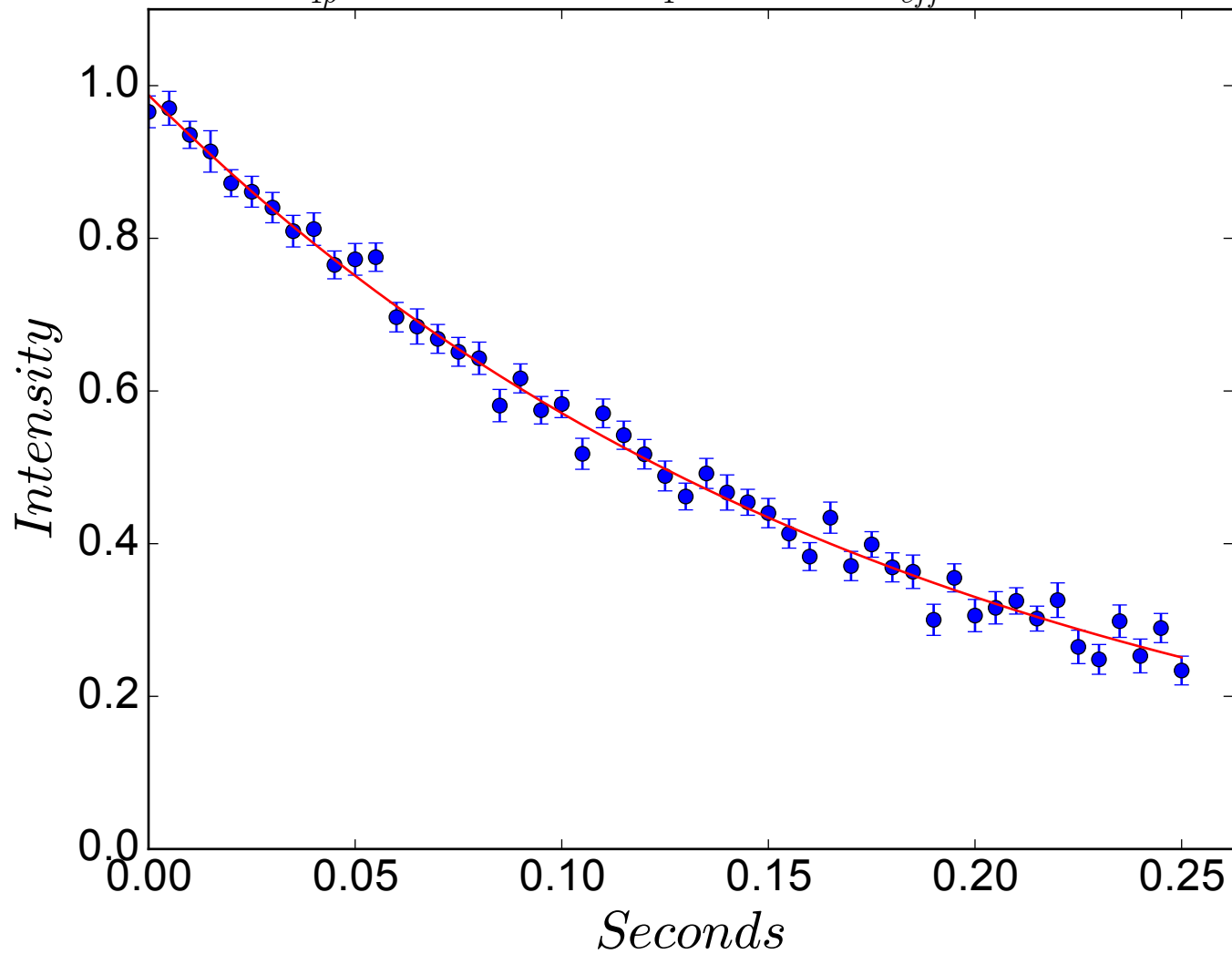




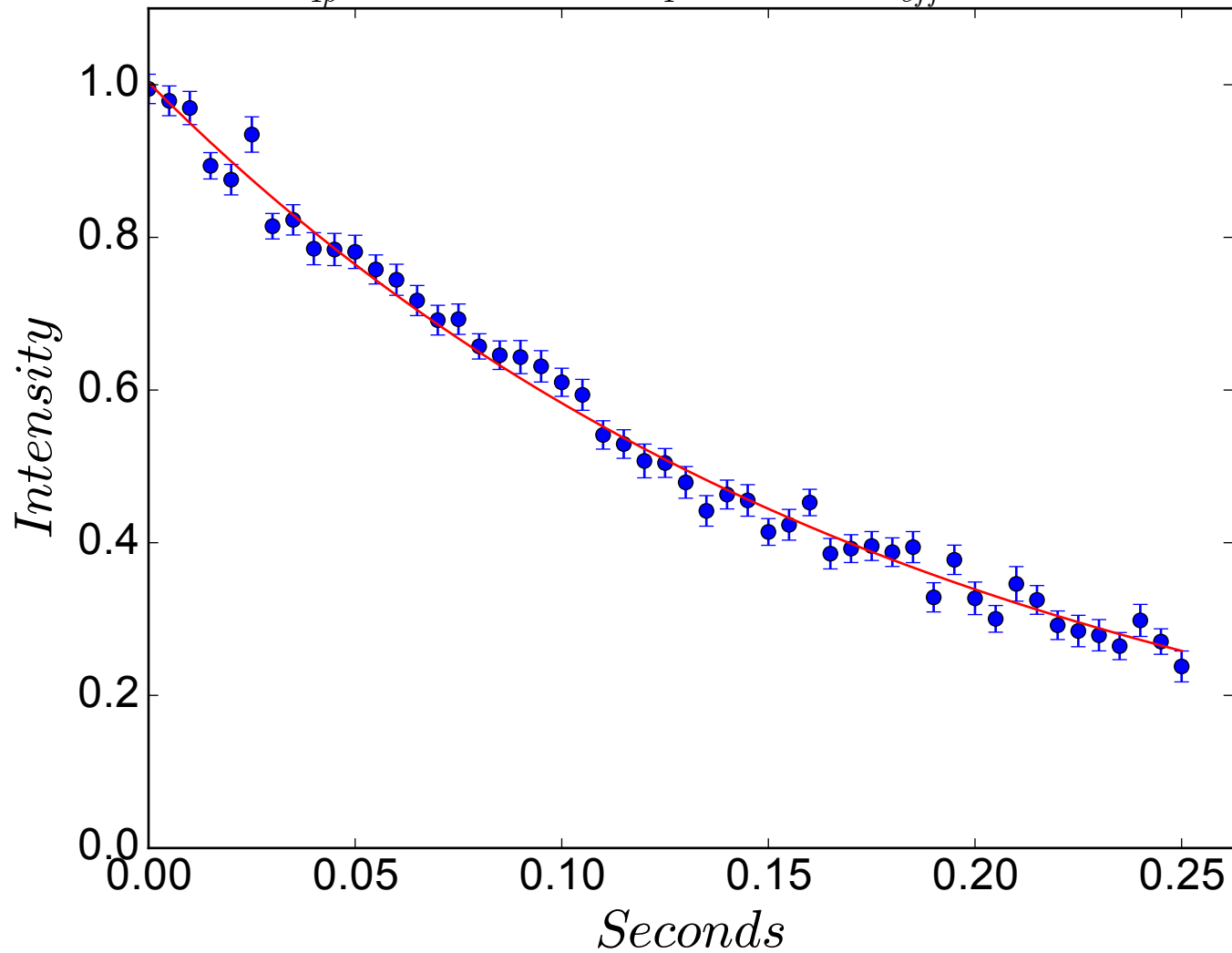
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 910 \text{ Hz}$$



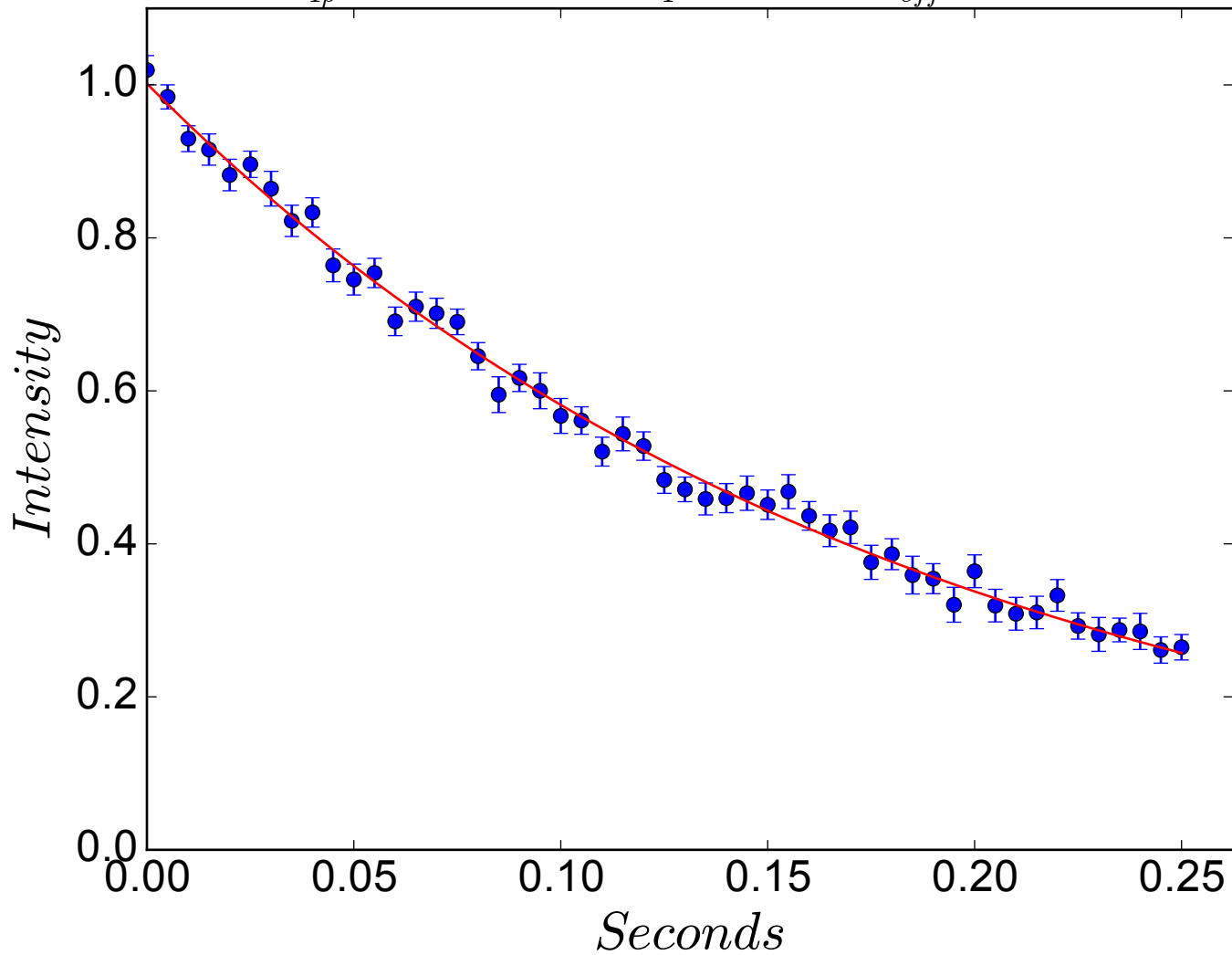
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 920 \text{ Hz}$$



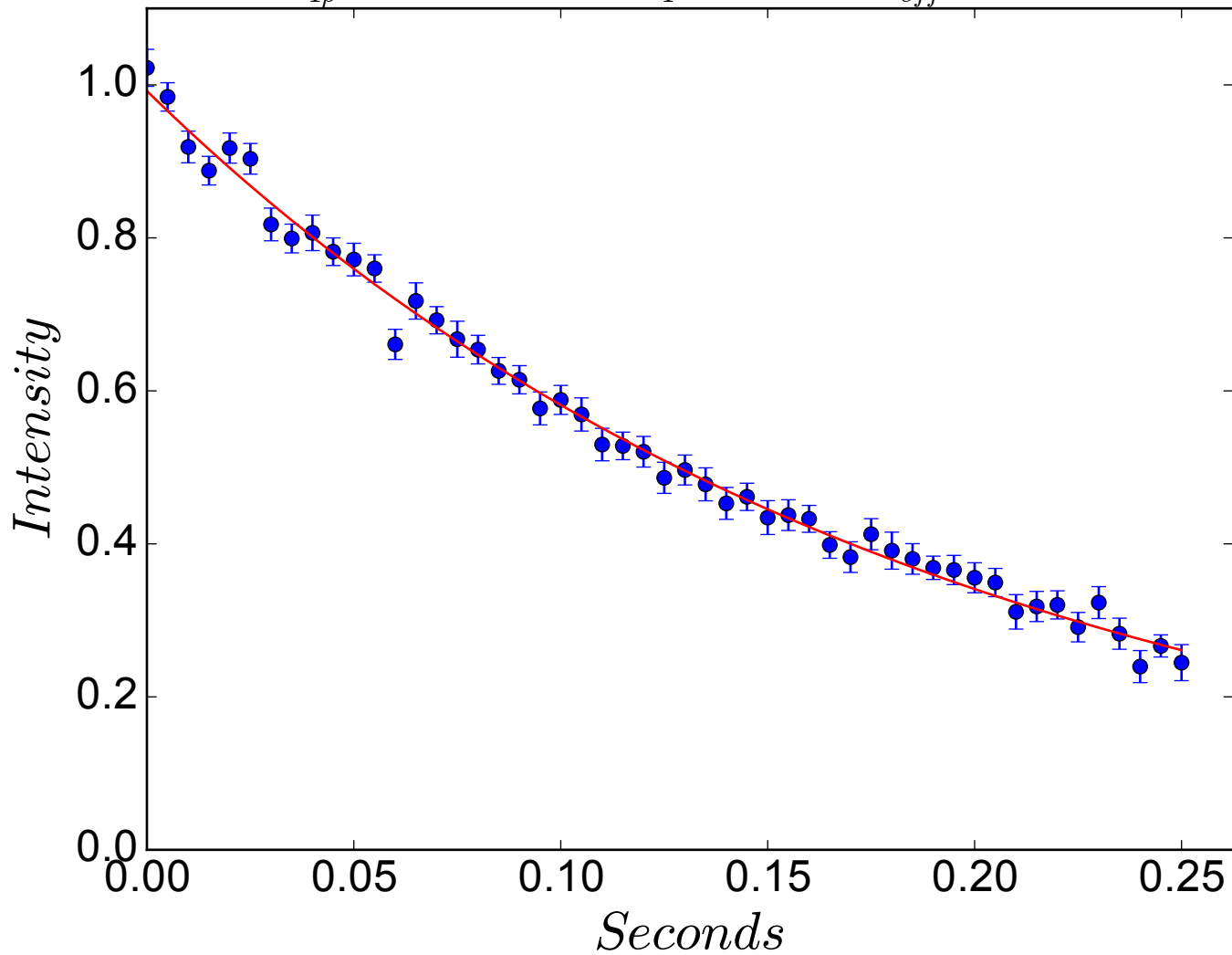
$$R_{1\rho} = 5.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 930 \text{ Hz}$$



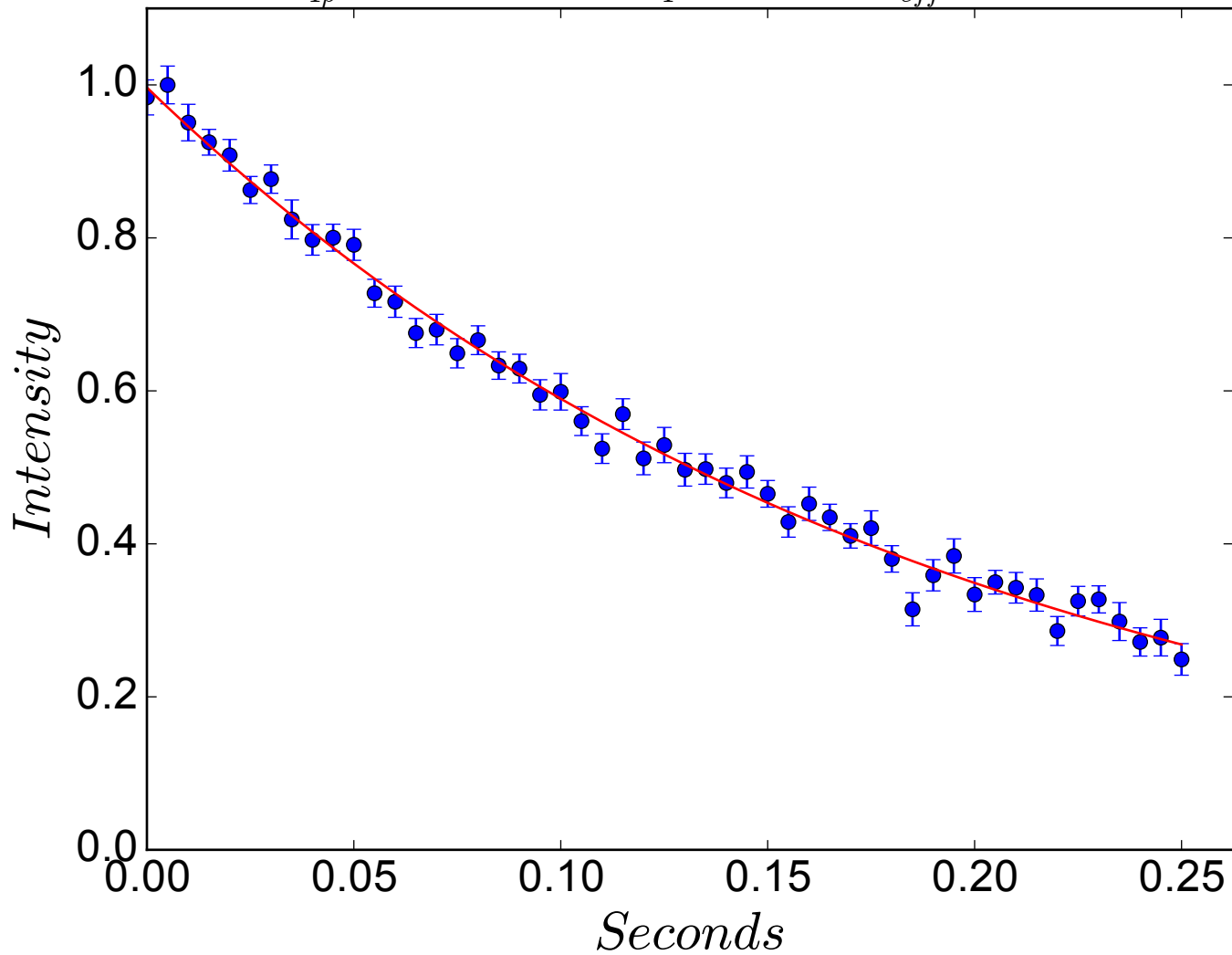
$$R_{1\rho} = 5.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 940 \text{ Hz}$$



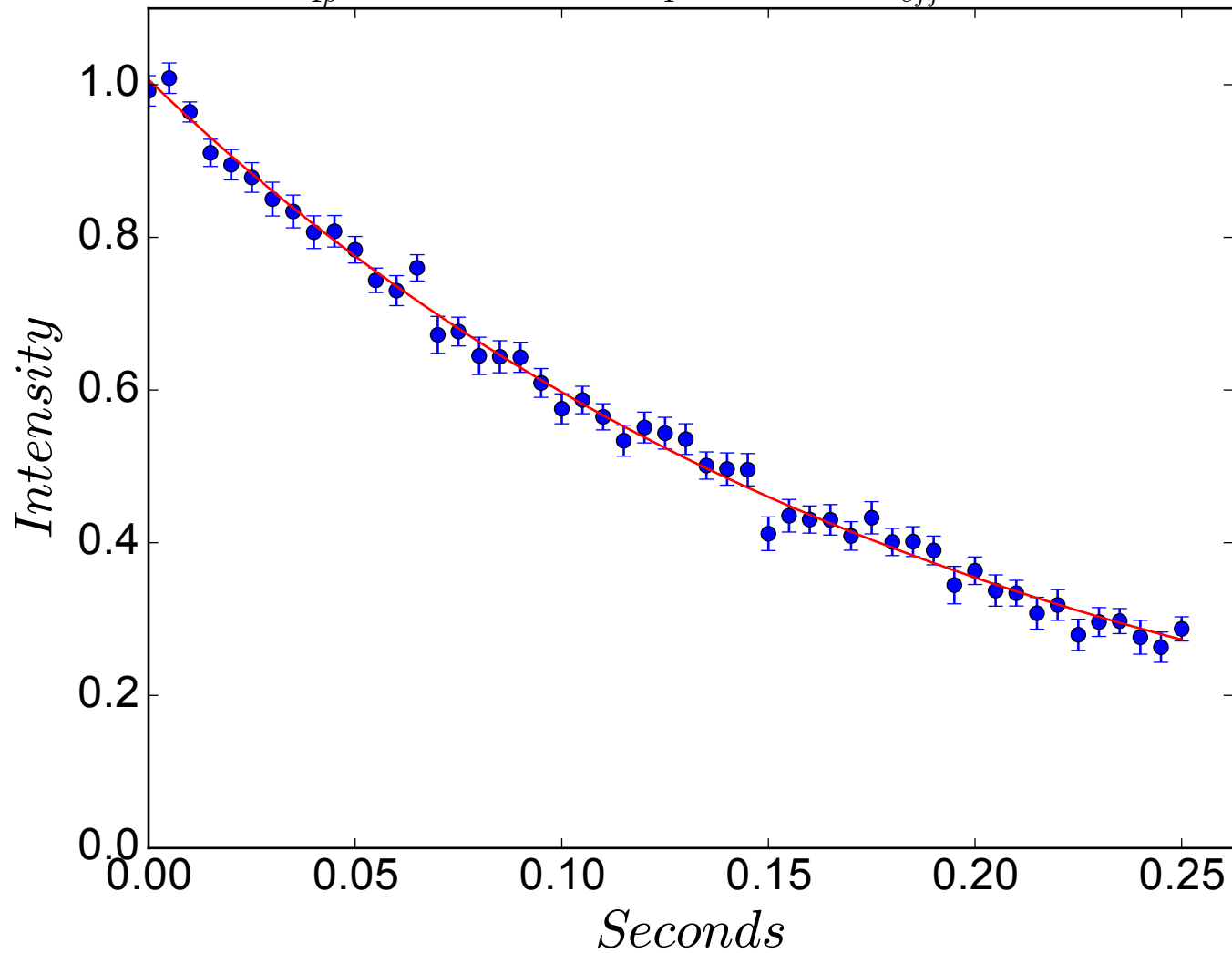
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 950 \text{ Hz}$$



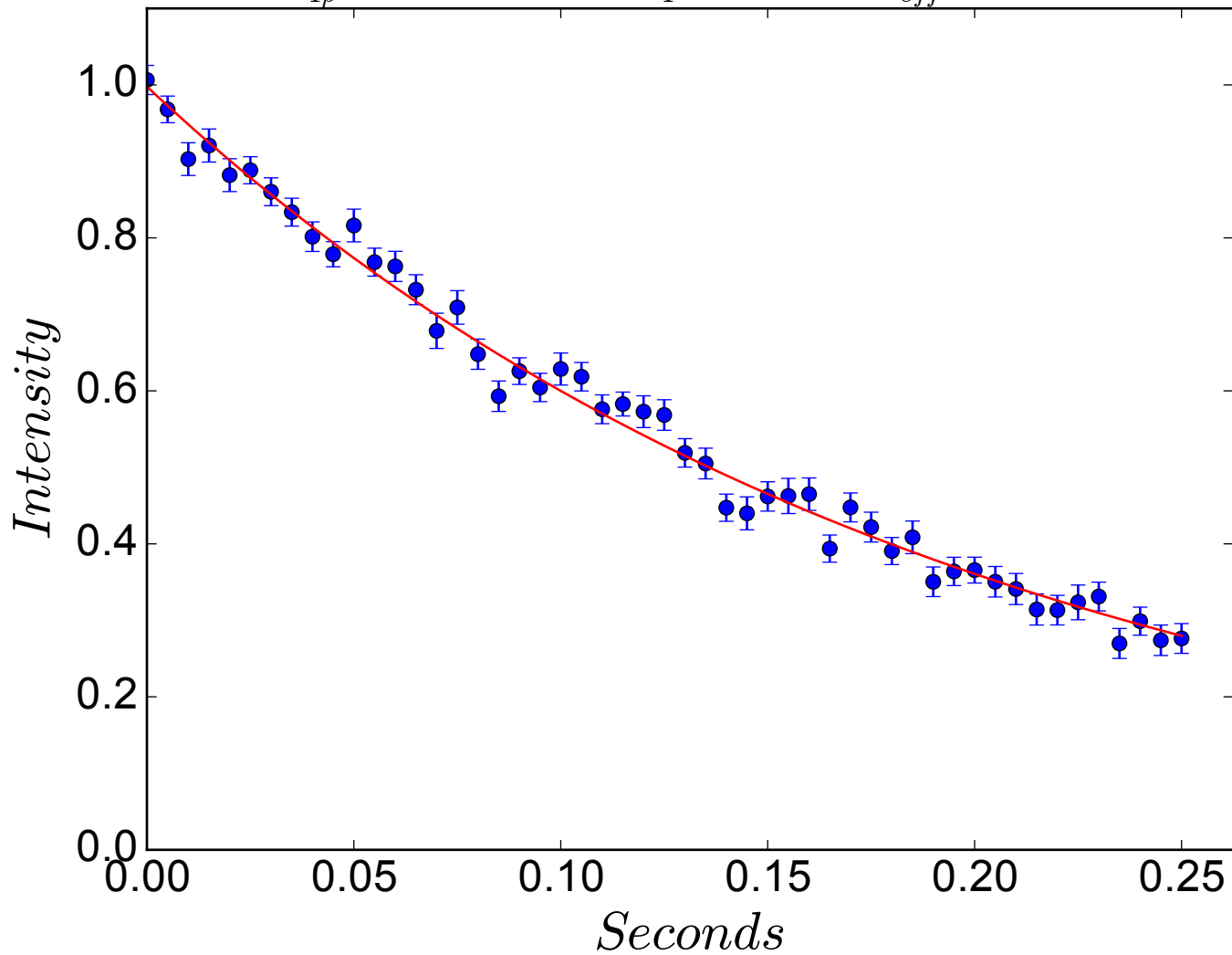
$$R_{1\rho} = 5.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 960 \text{ Hz}$$



$$R_{1\rho} = 5.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 970 \text{ Hz}$$

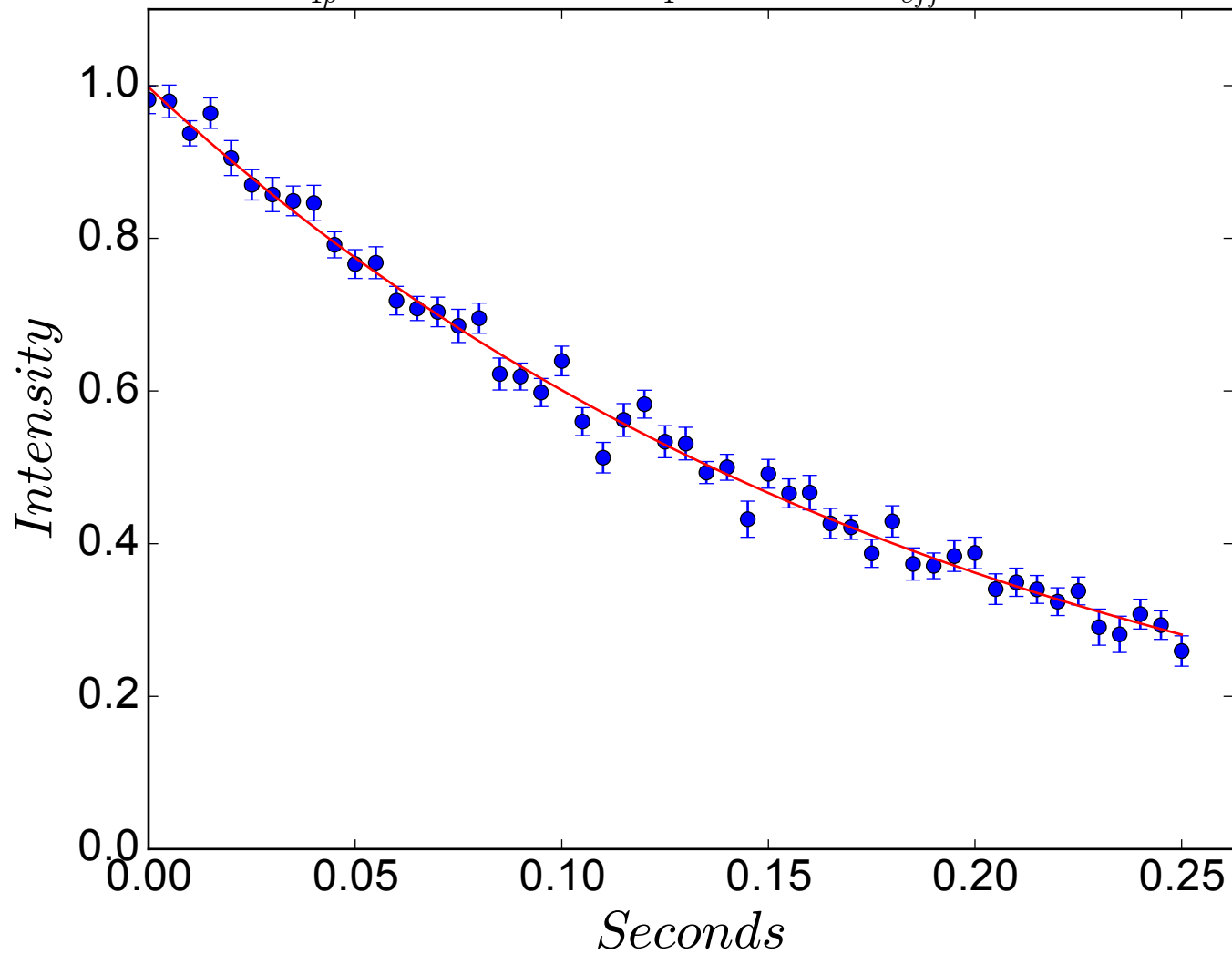


$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 980 \text{ Hz}$$





$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 990 \text{ Hz}$$



$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{eff} = 1000 \text{ Hz}$$

