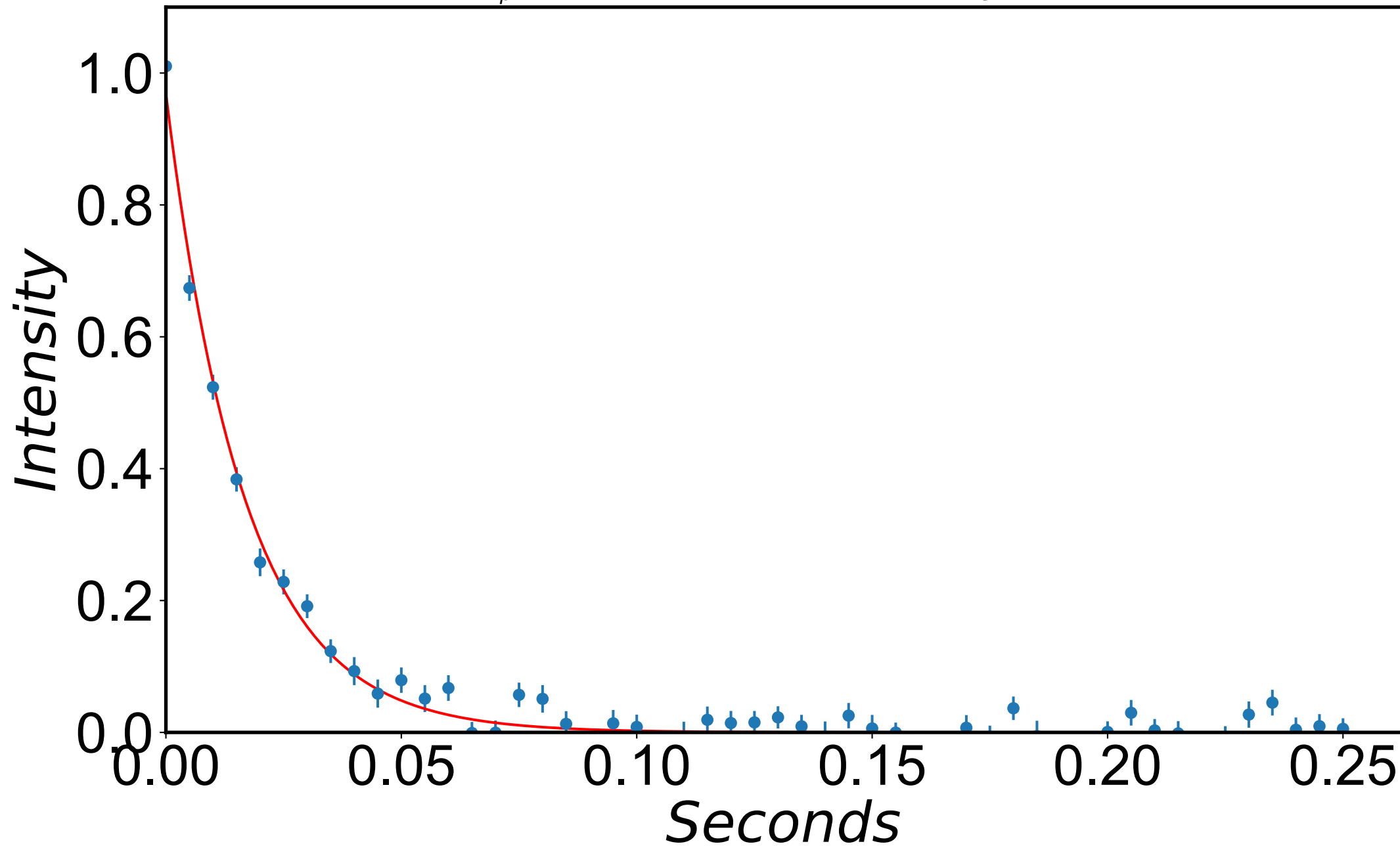
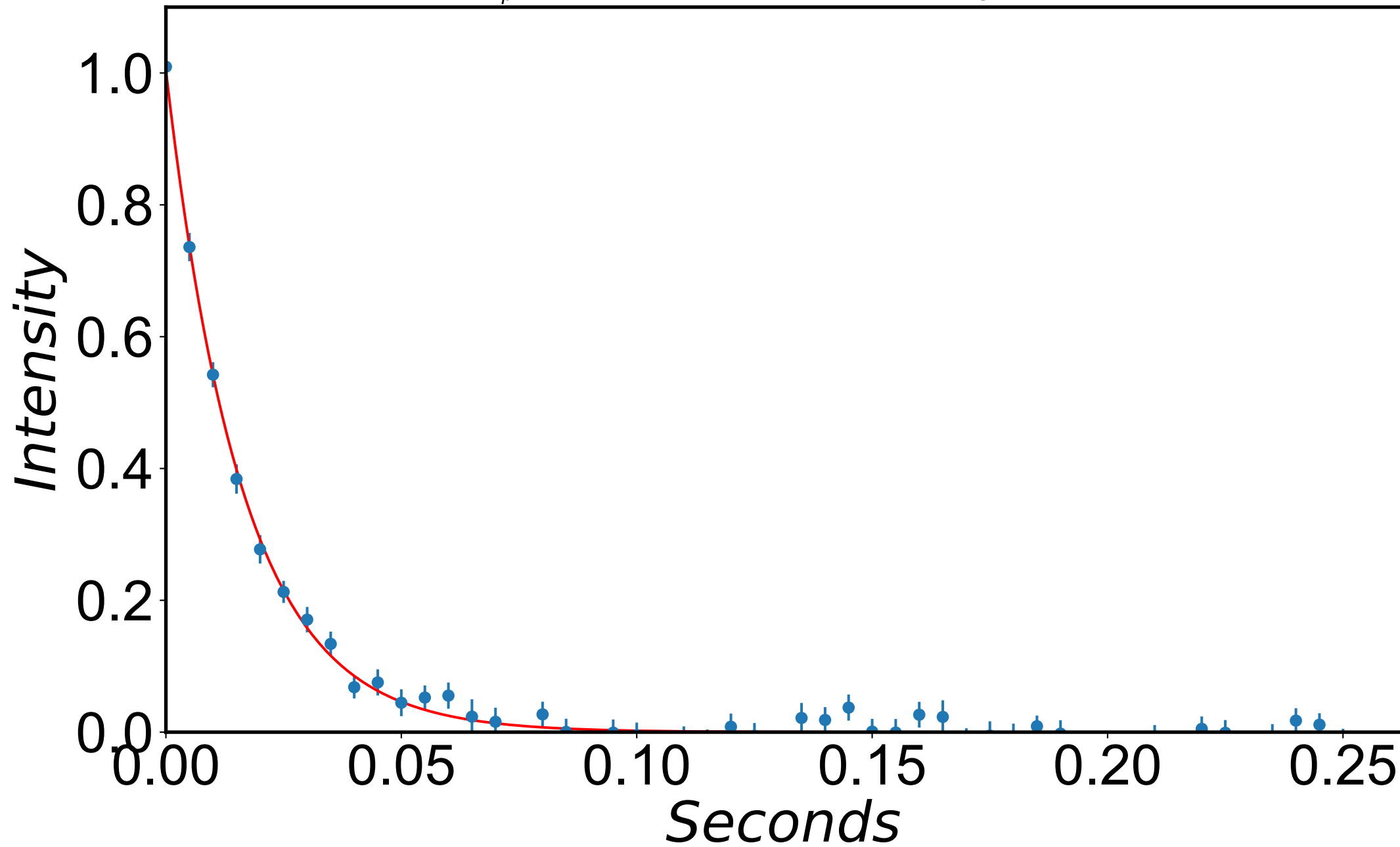


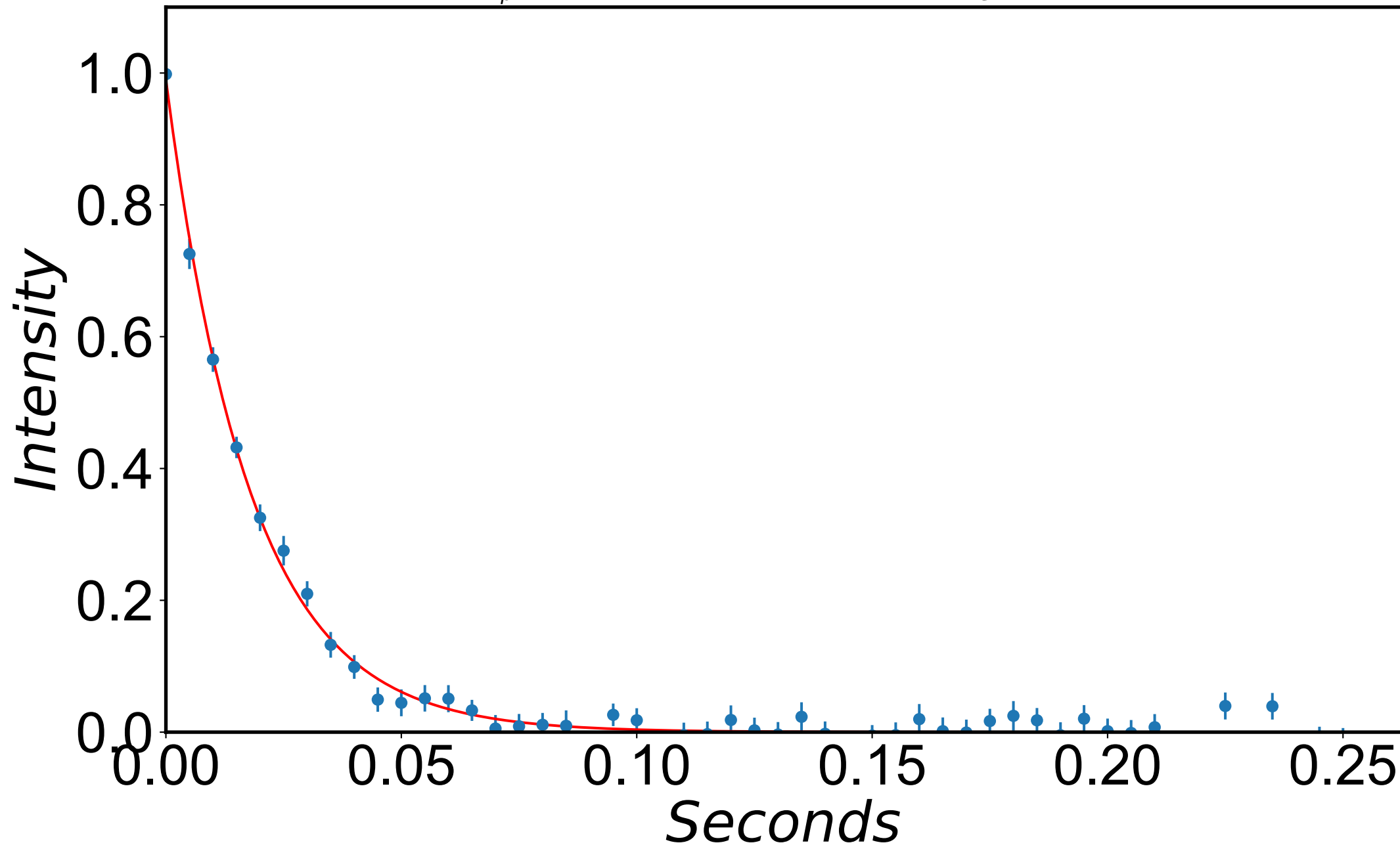
$$R_{1\rho} = 60.0 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



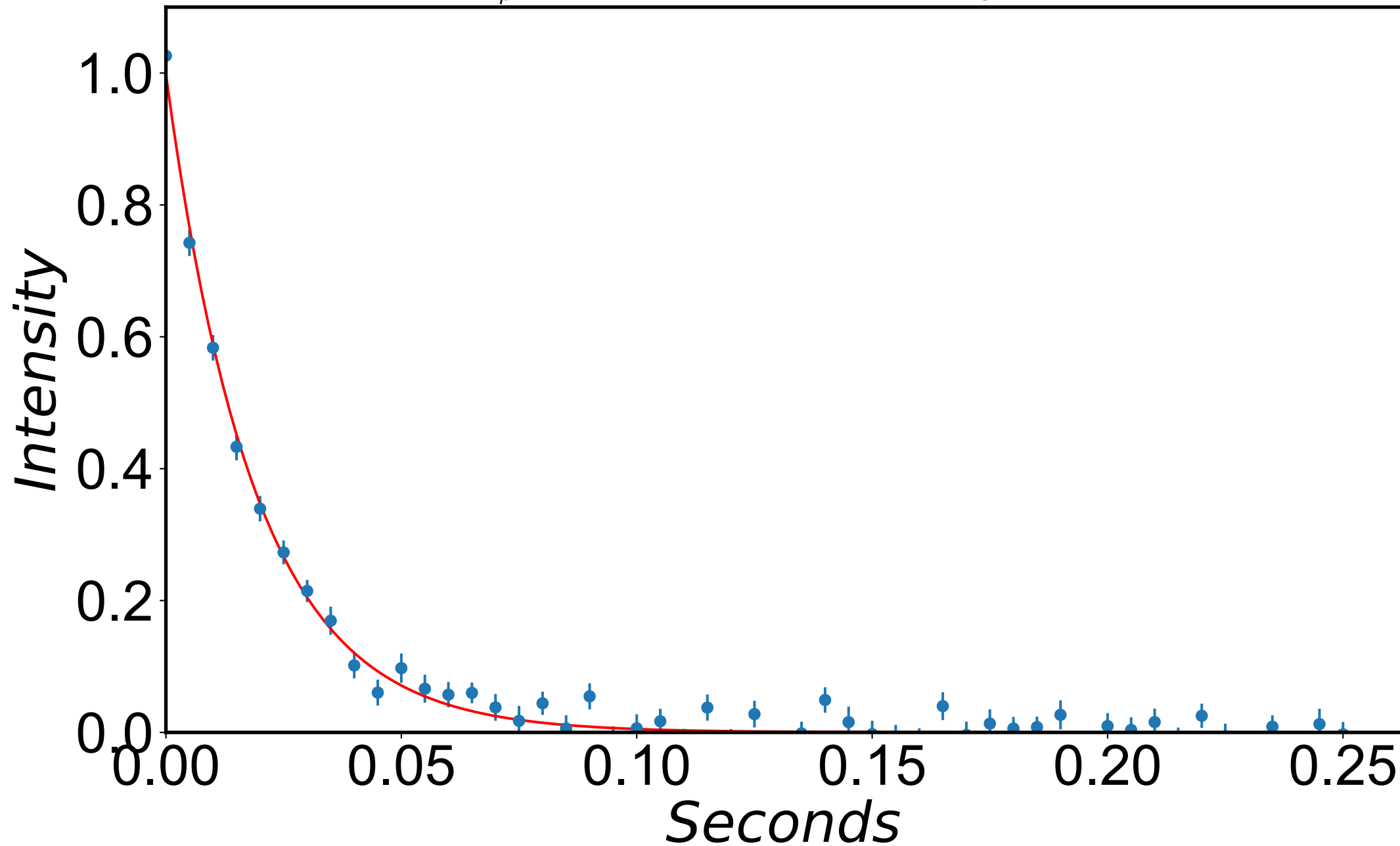
$$R_{1\rho} = 61.7 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 169 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



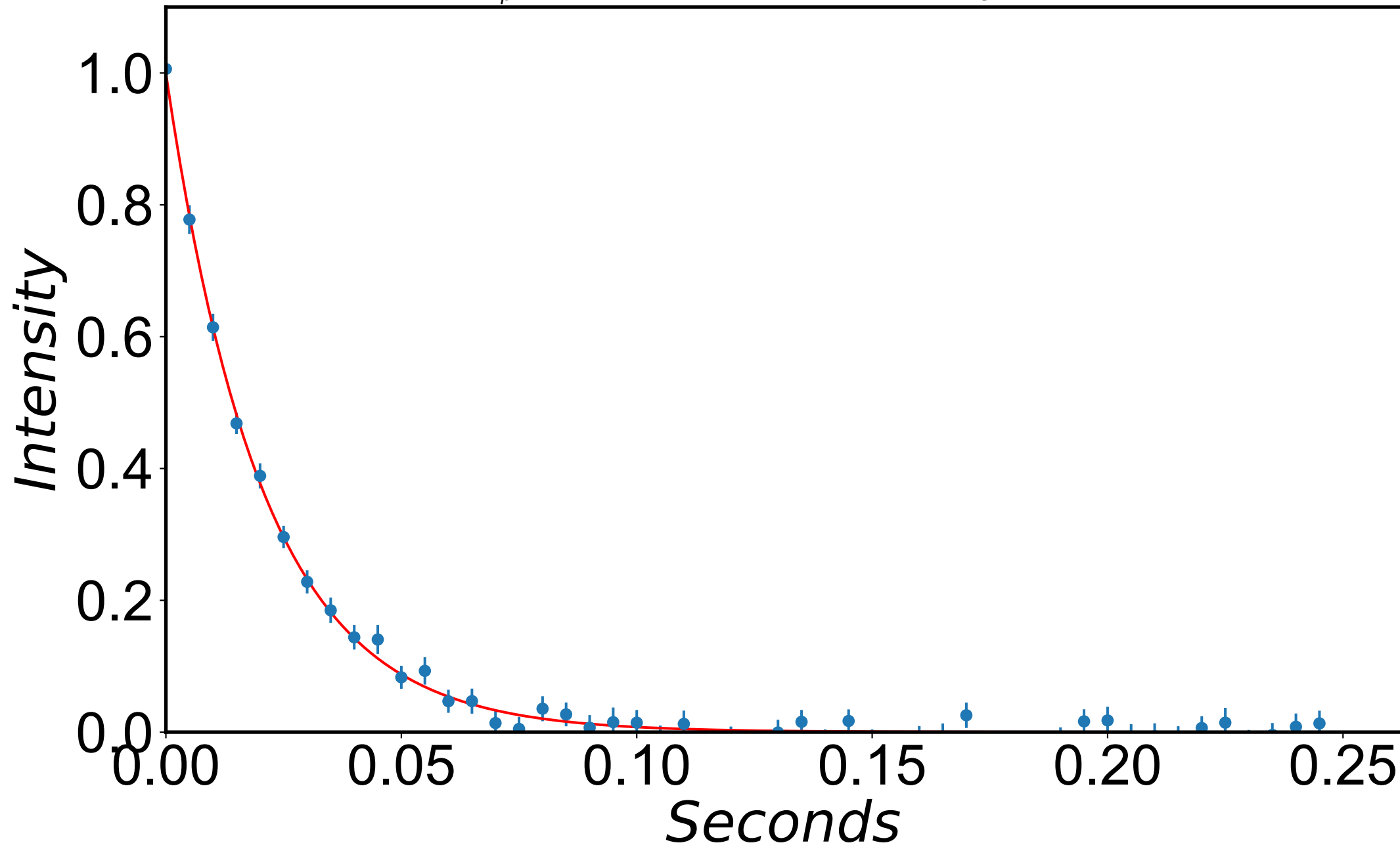
$$R_{1\rho} = 55.7 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 239 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



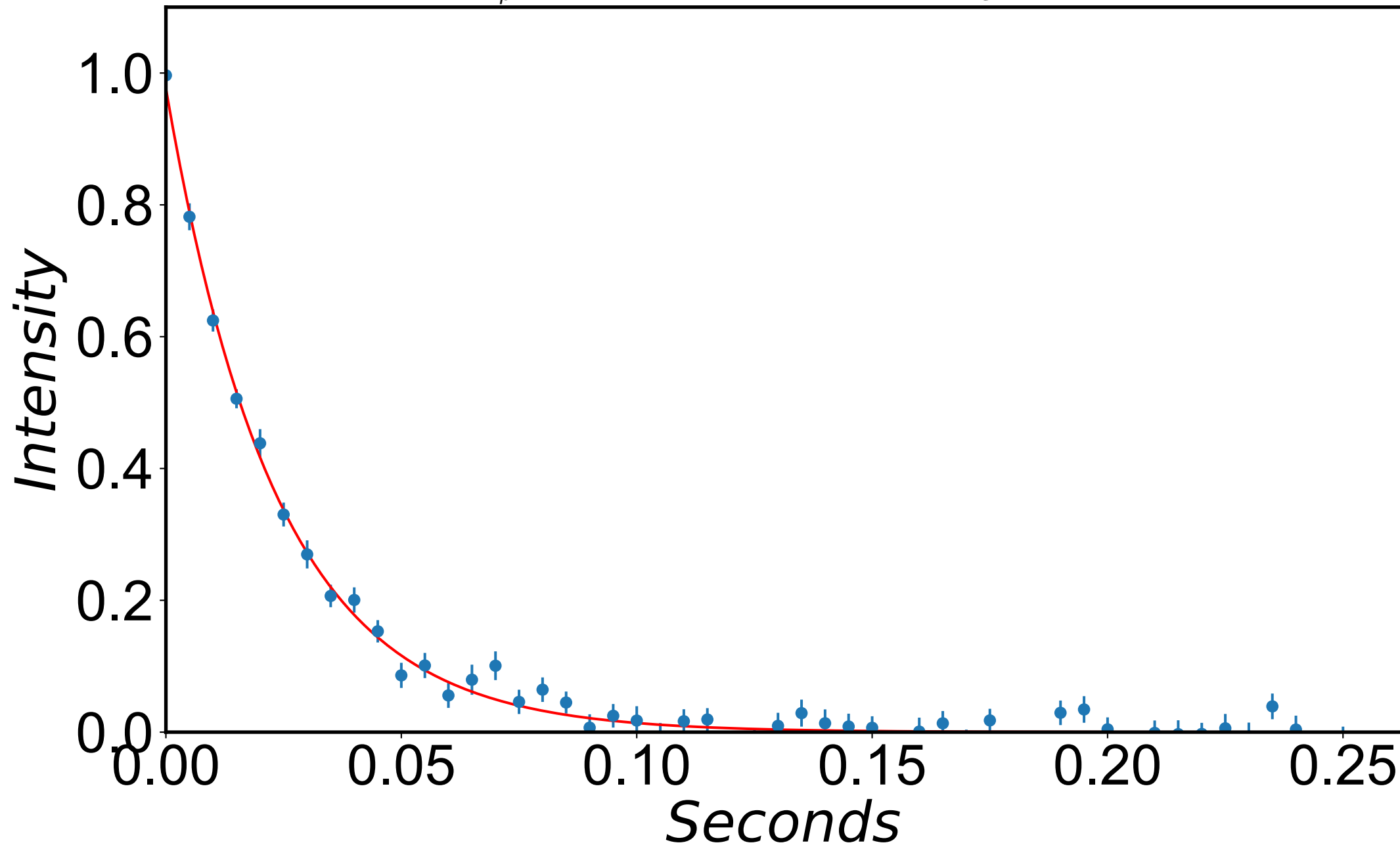
$$R_{1\rho} = 52.8 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 308 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



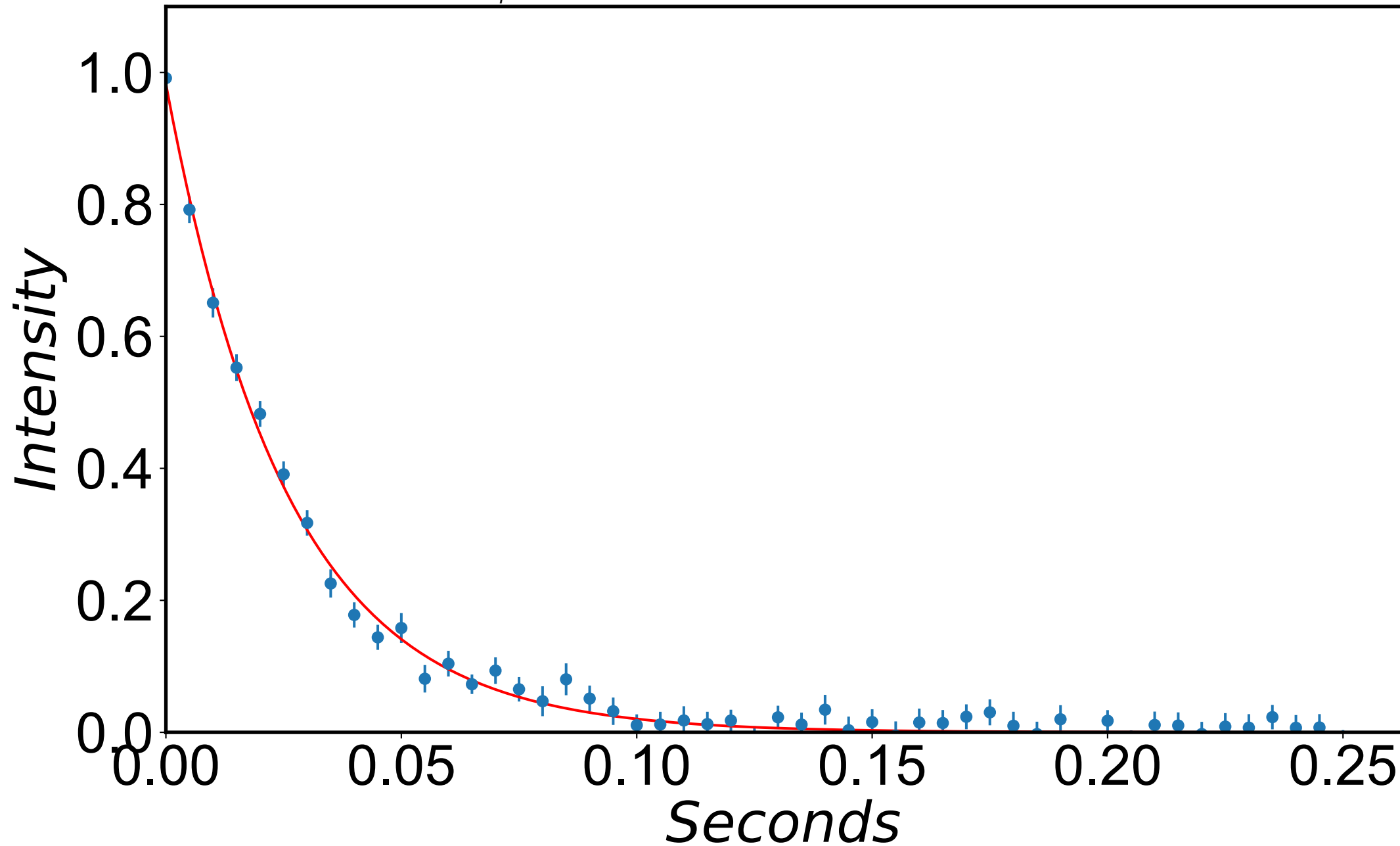
$$R_{1\rho} = 48.7 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 378 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



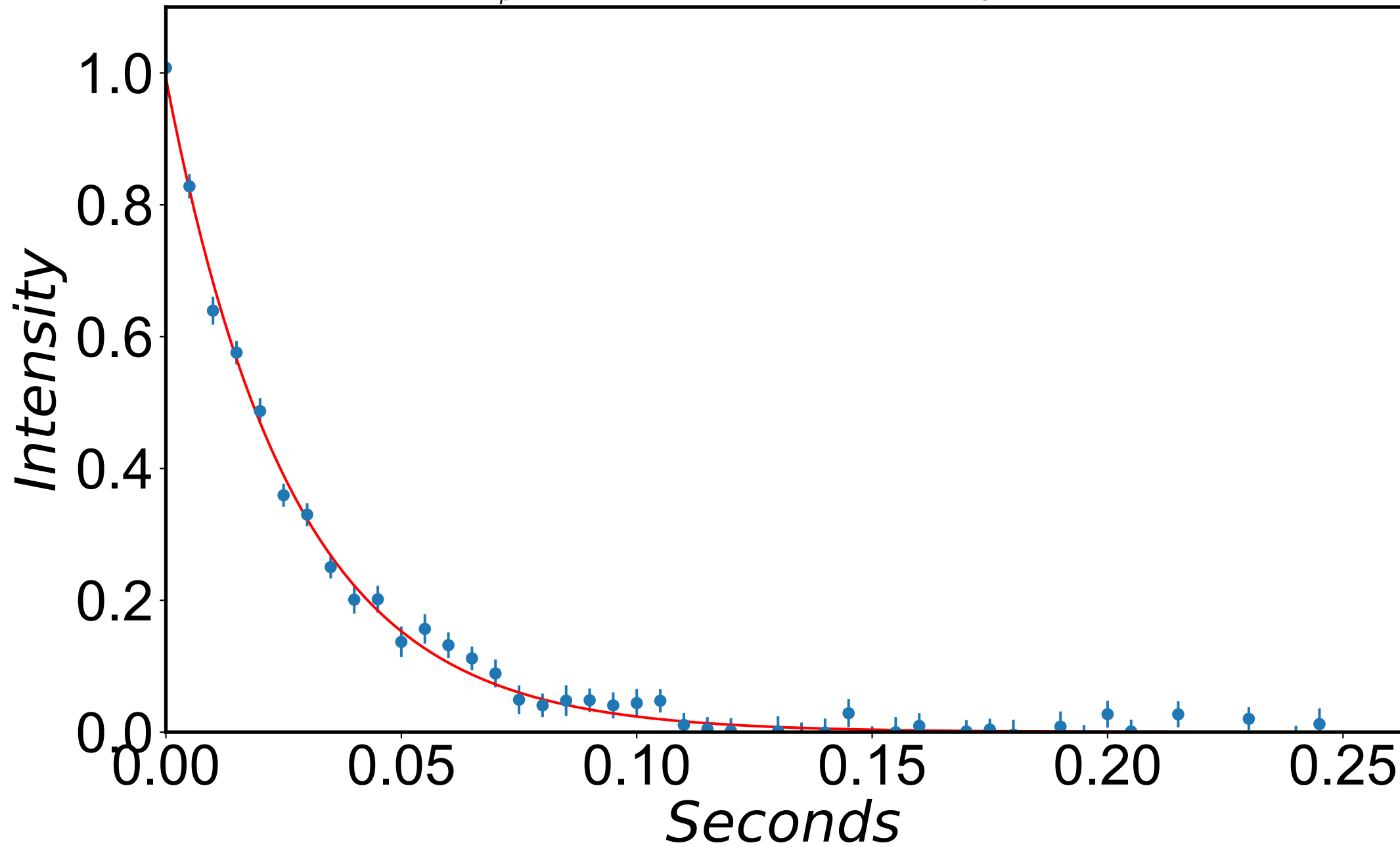
$$R_{1\rho} = 42.6 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 447 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



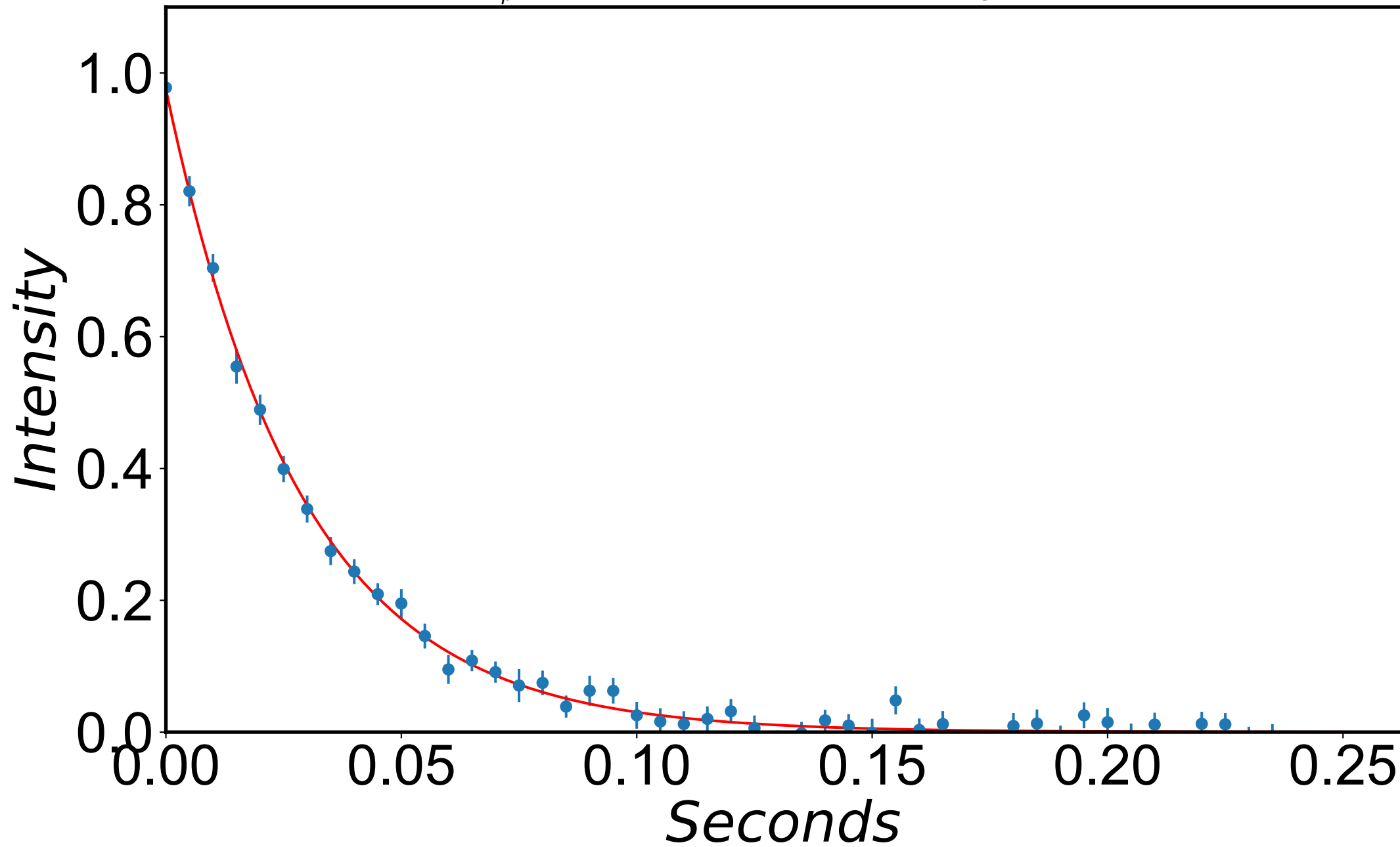
$$R_{1\rho} = 38.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 516 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



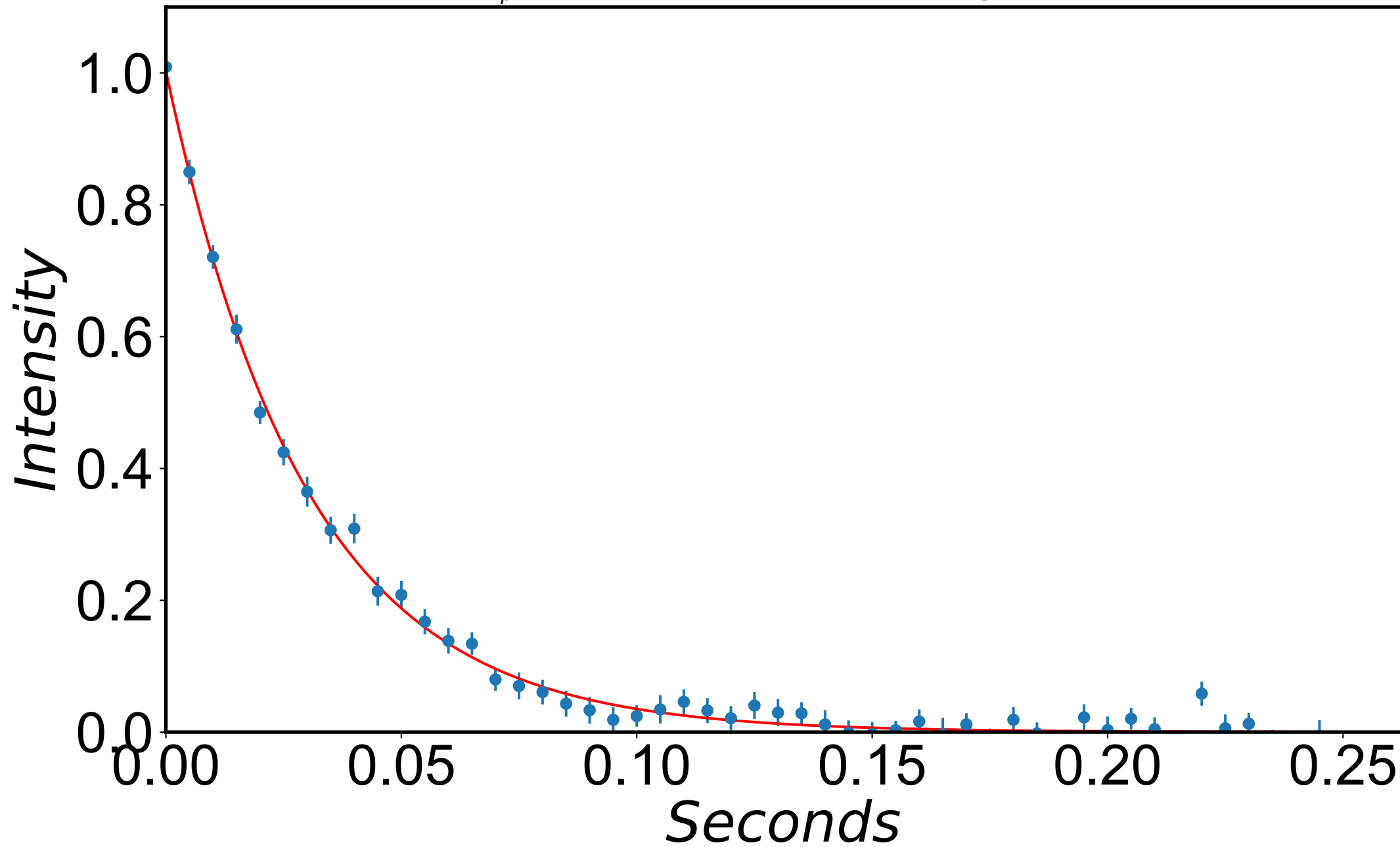
$$R_{1\rho} = 37.4 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 586 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



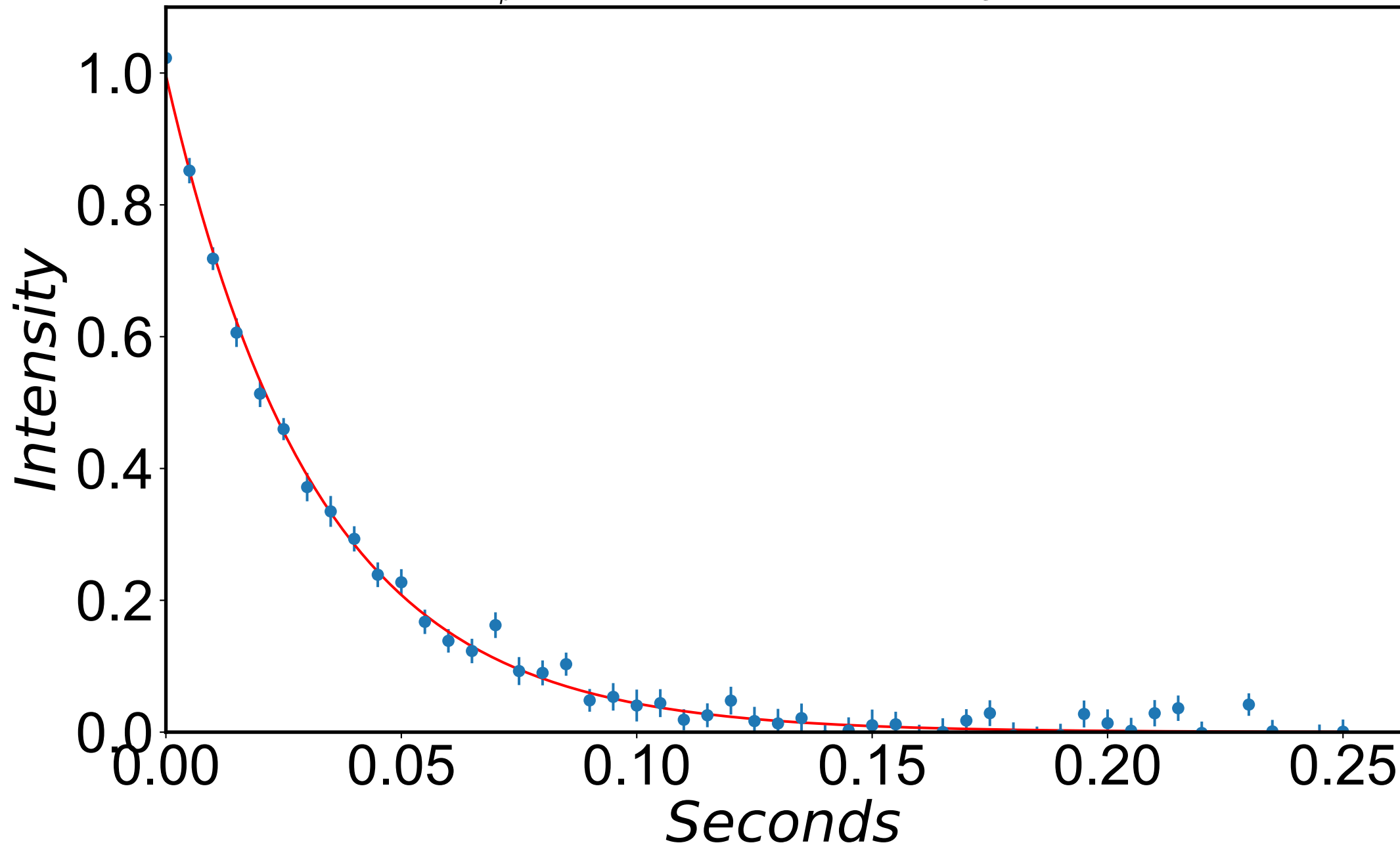
$$R_{1\rho} = 34.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 655 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



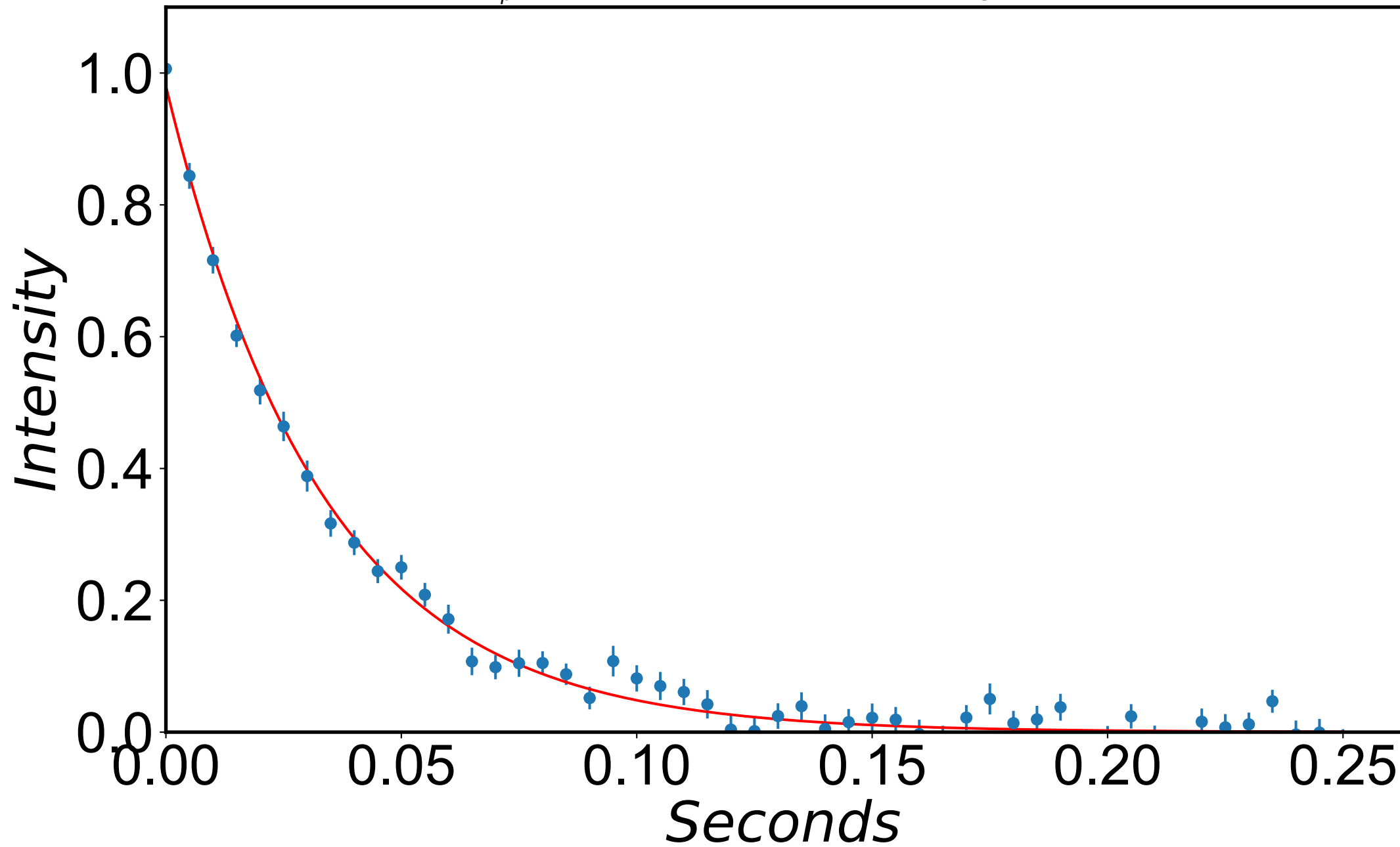
$$R_{1\rho} = 33.5 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 724 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



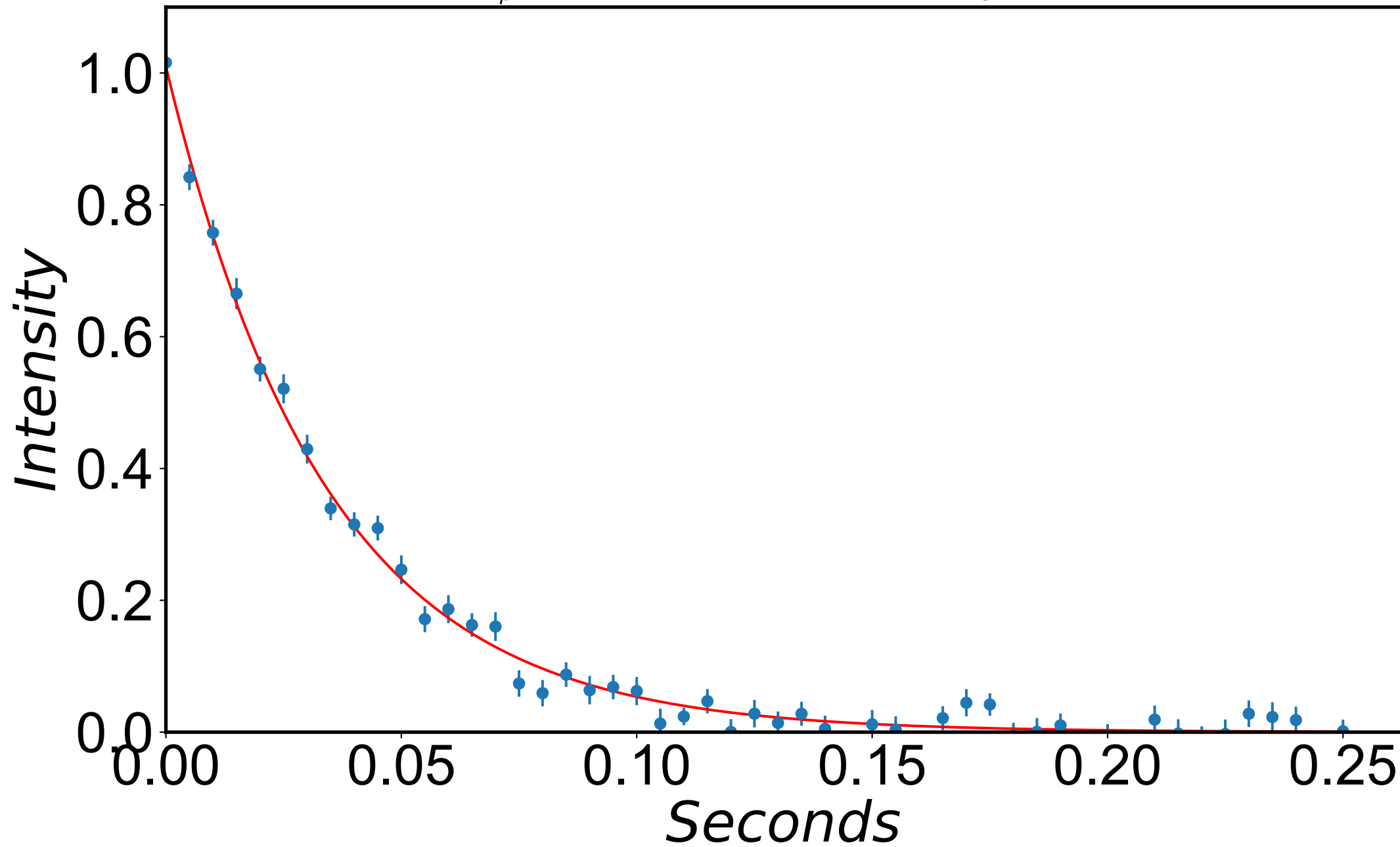
$$R_{1\rho} = 31.3 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 794 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



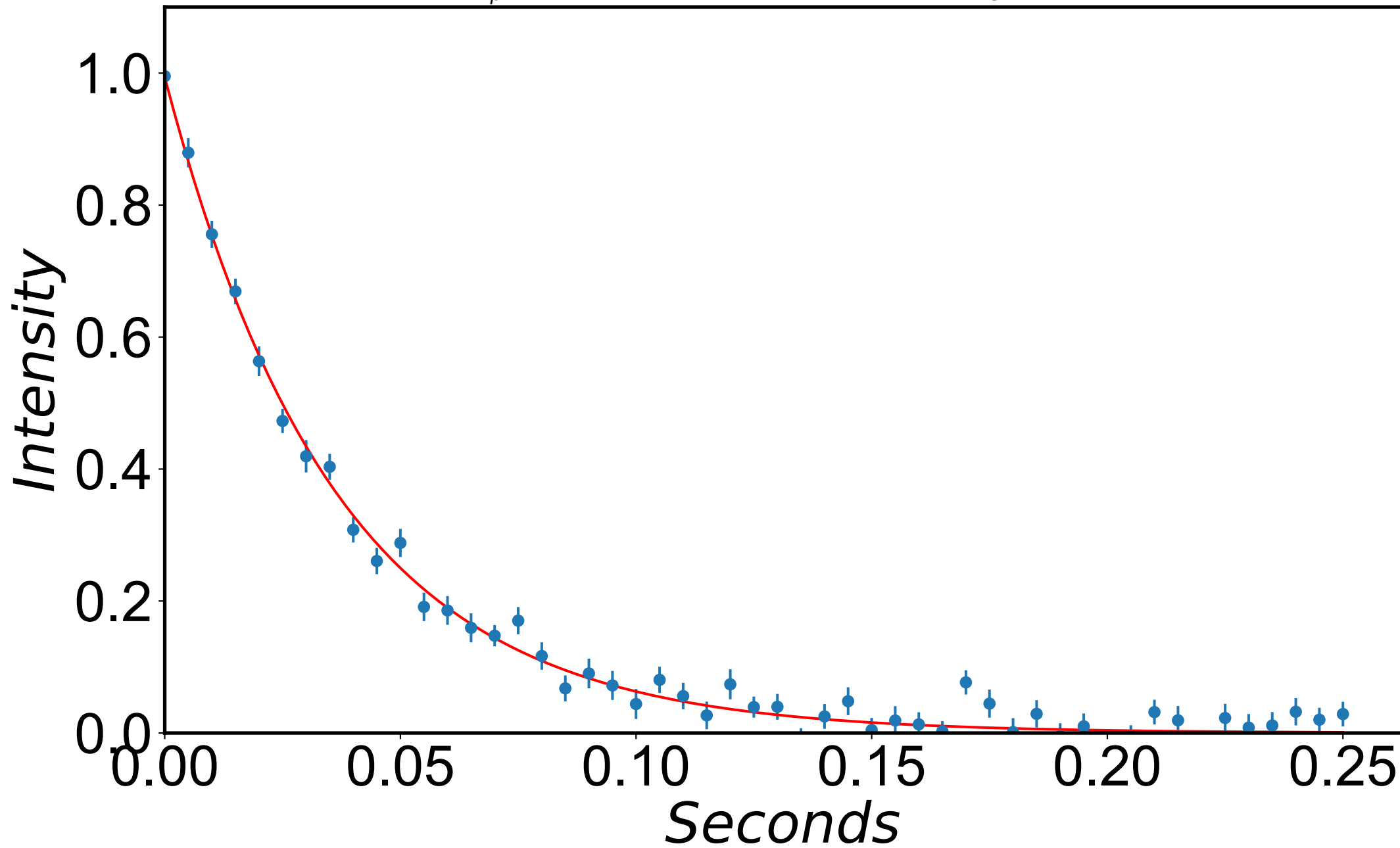
$$R_{1\rho} = 30.1 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 863 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



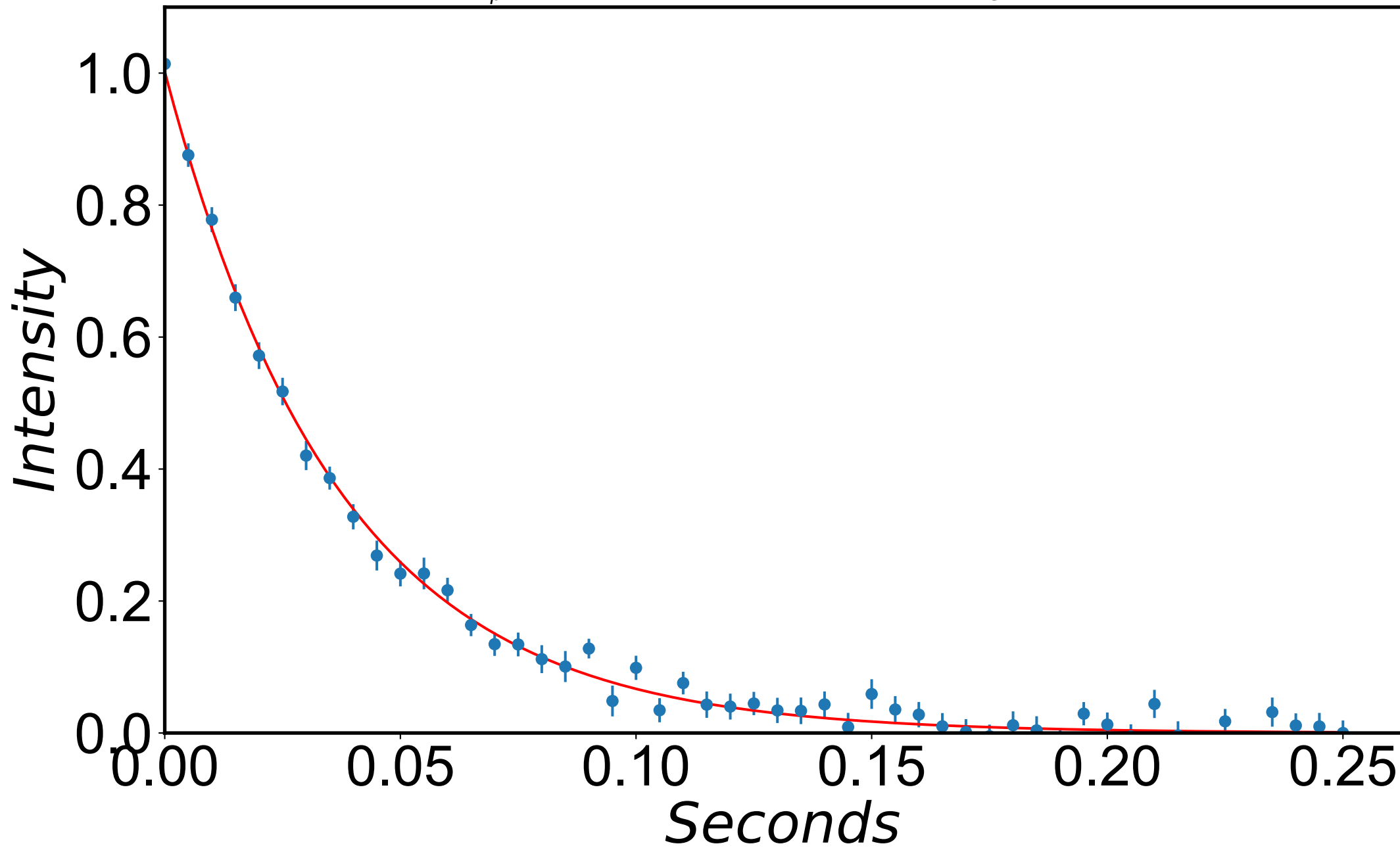
$$R_{1\rho} = 29.4 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 933 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



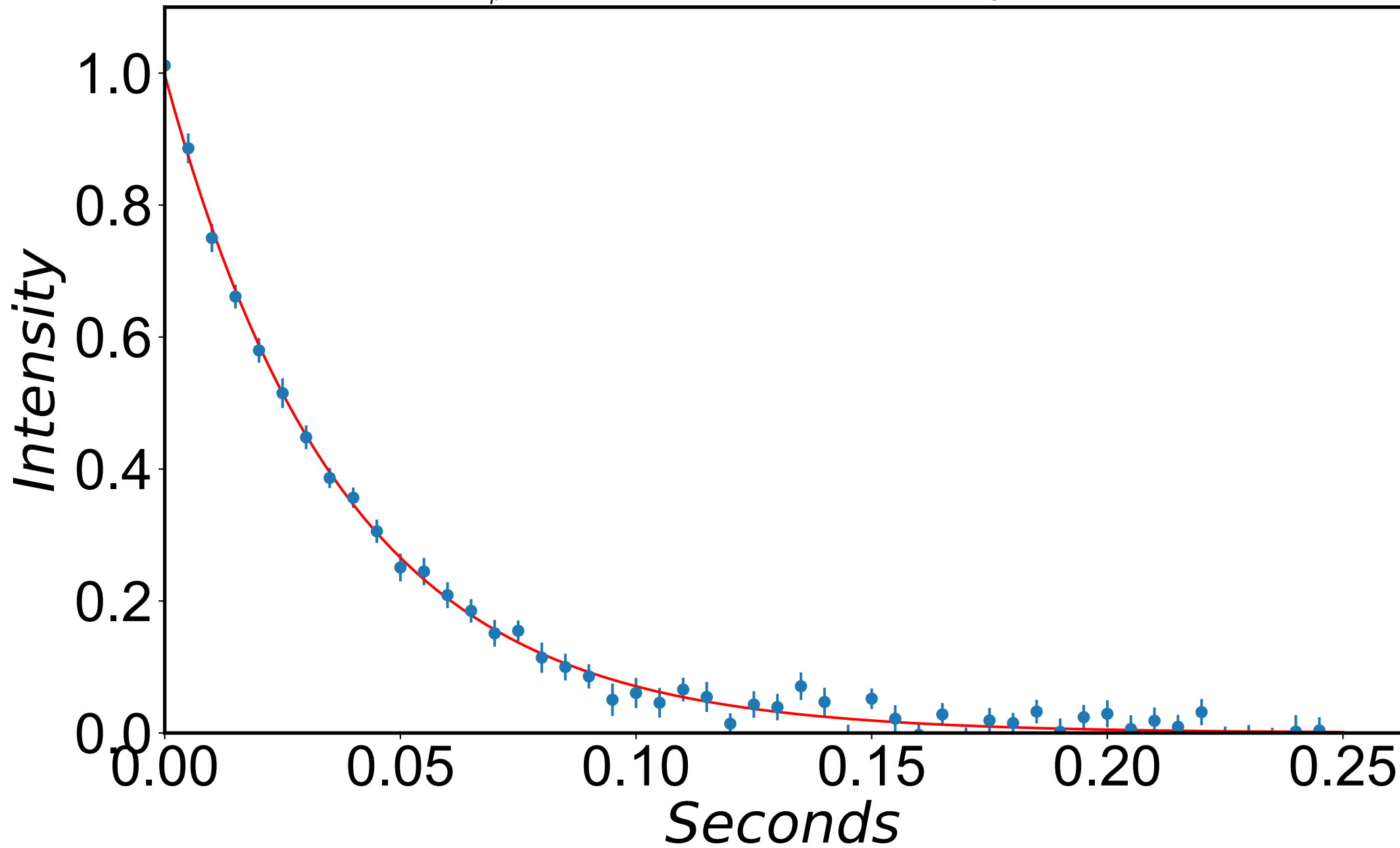
$$R_{1\rho} = 27.6 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 1002 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



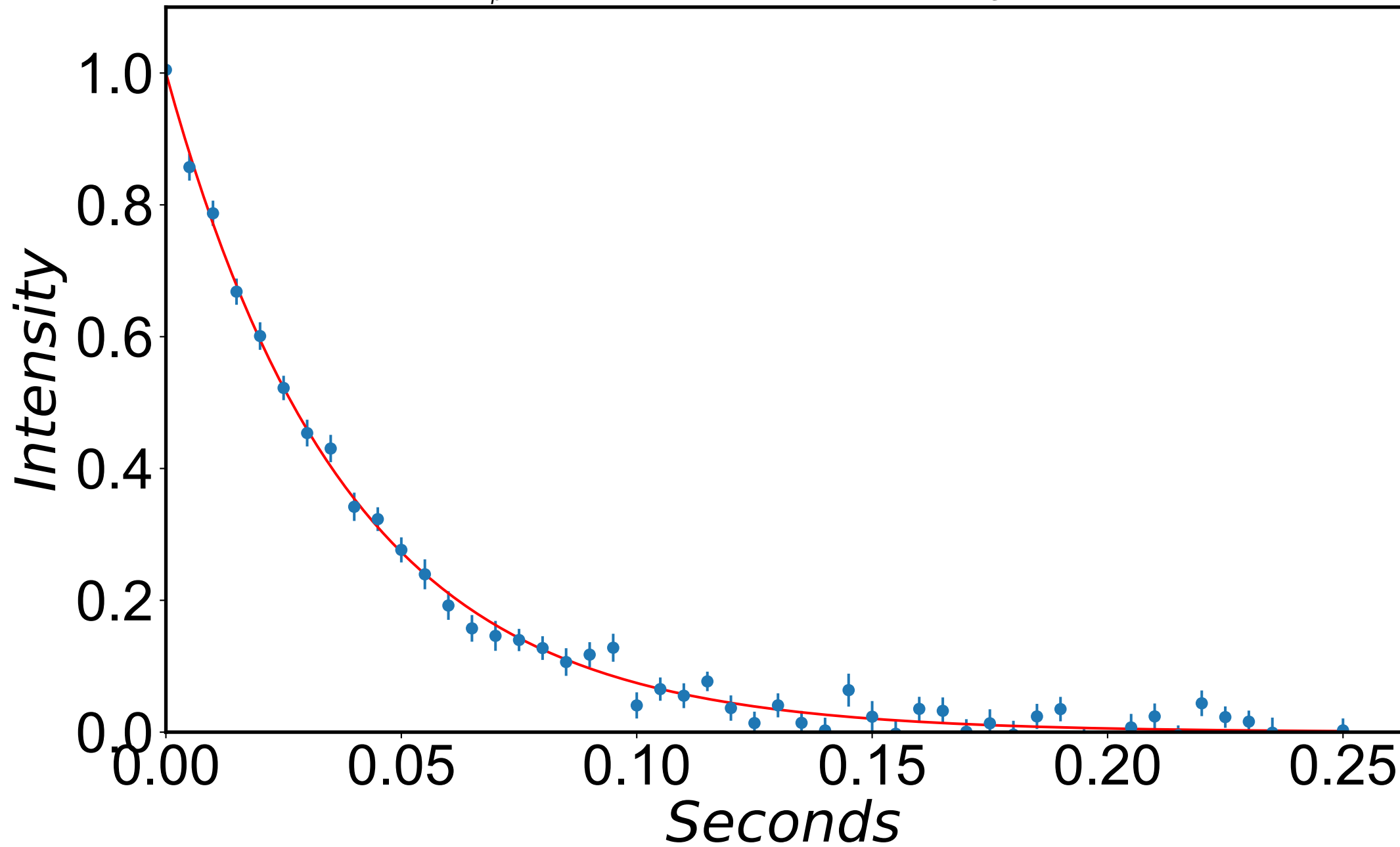
$$R_{1\rho} = 27.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1071 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



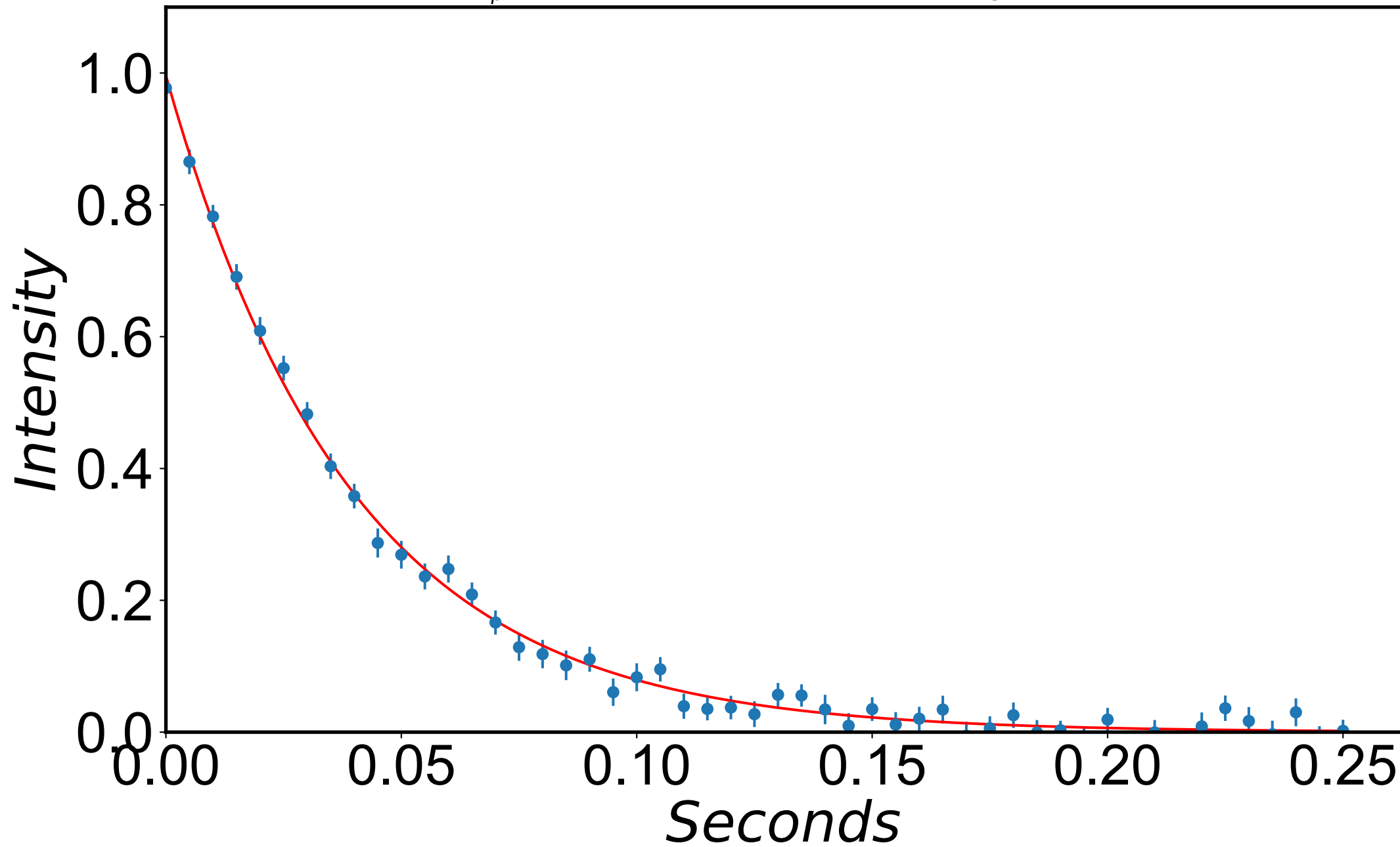
$$R_{1\rho} = 26.5 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 1141 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



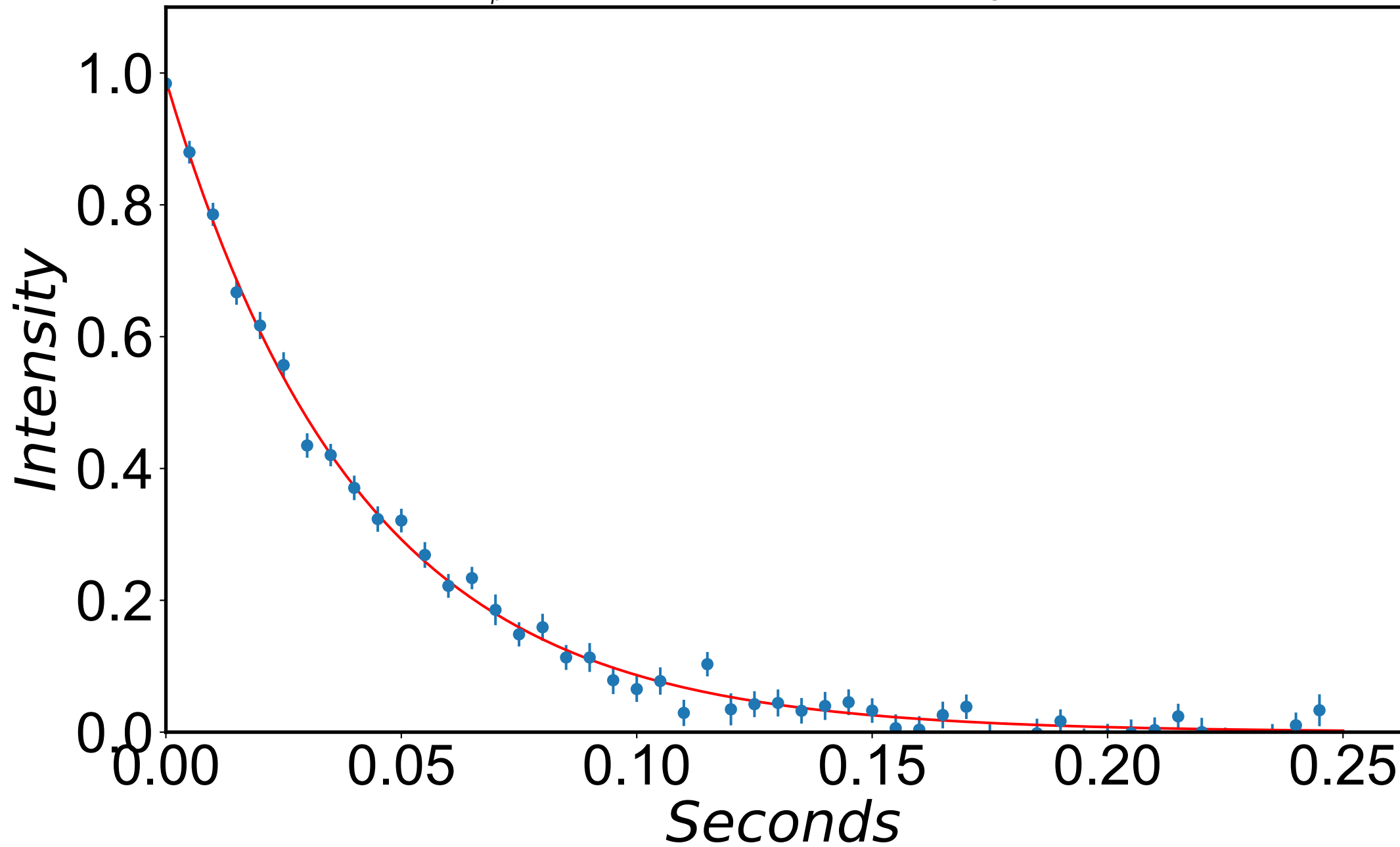
$$R_{1\rho} = 26.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1210 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



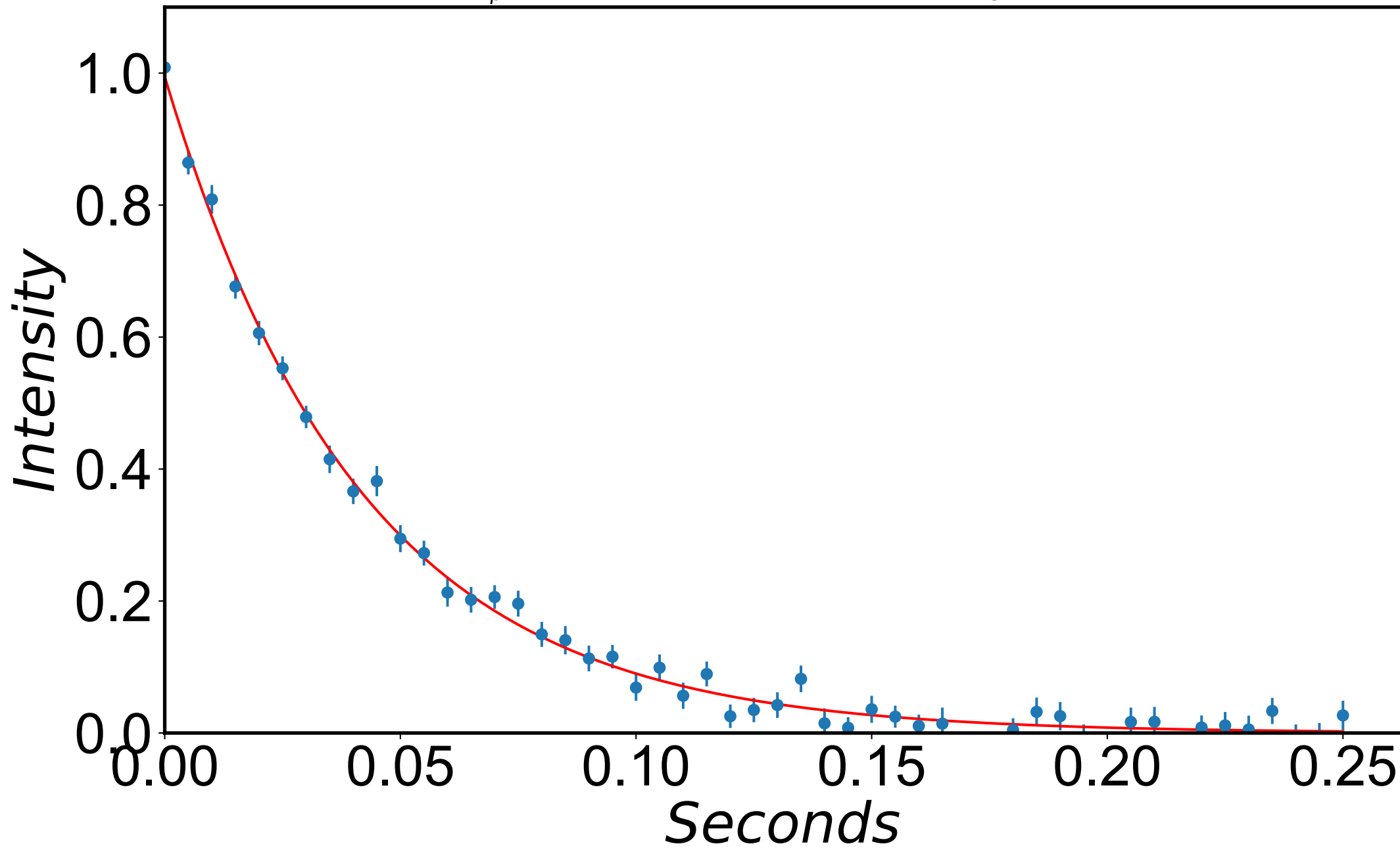
$$R_{1\rho} = 25.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1280 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



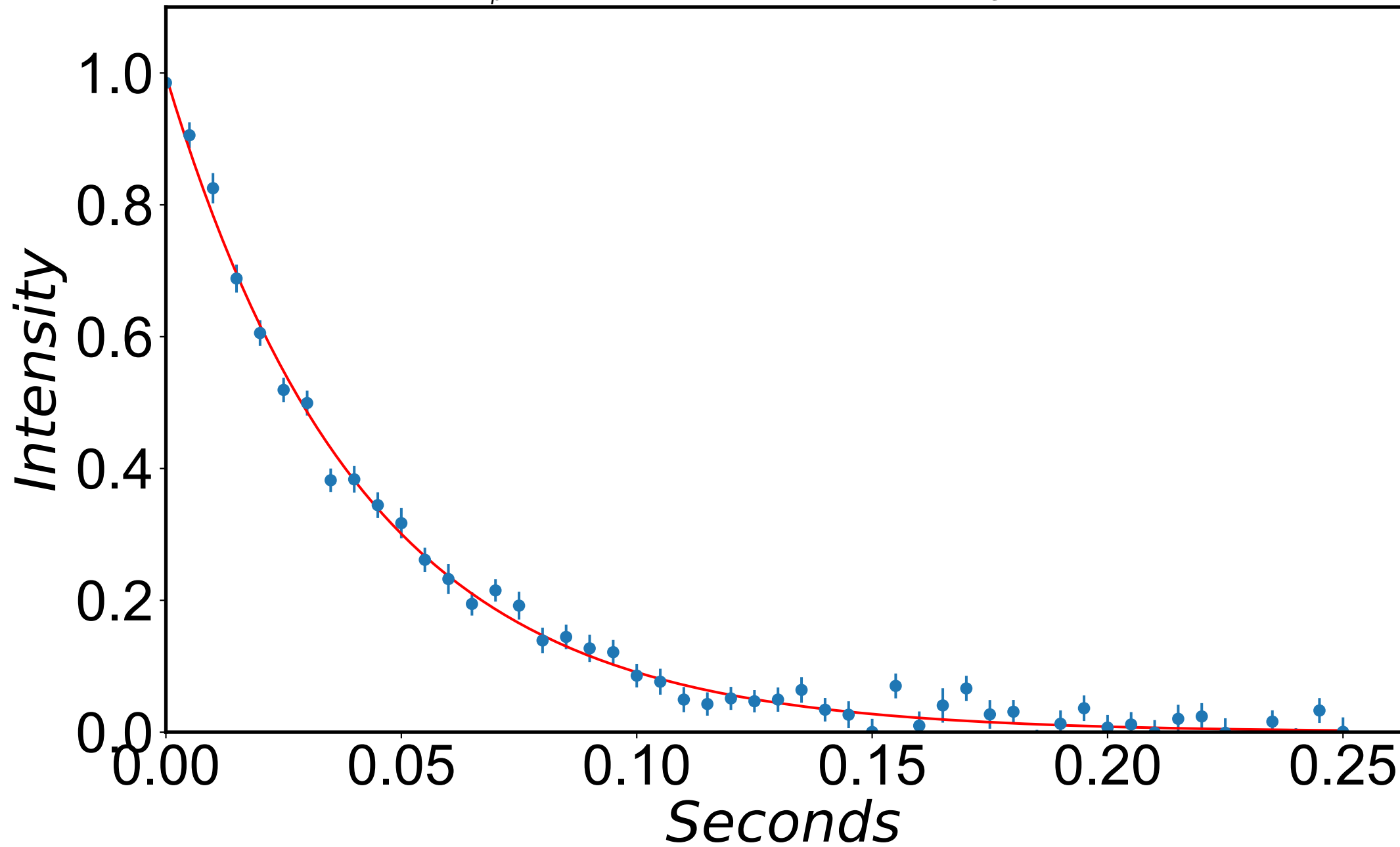
$$R_{1\rho} = 24.4 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1349 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



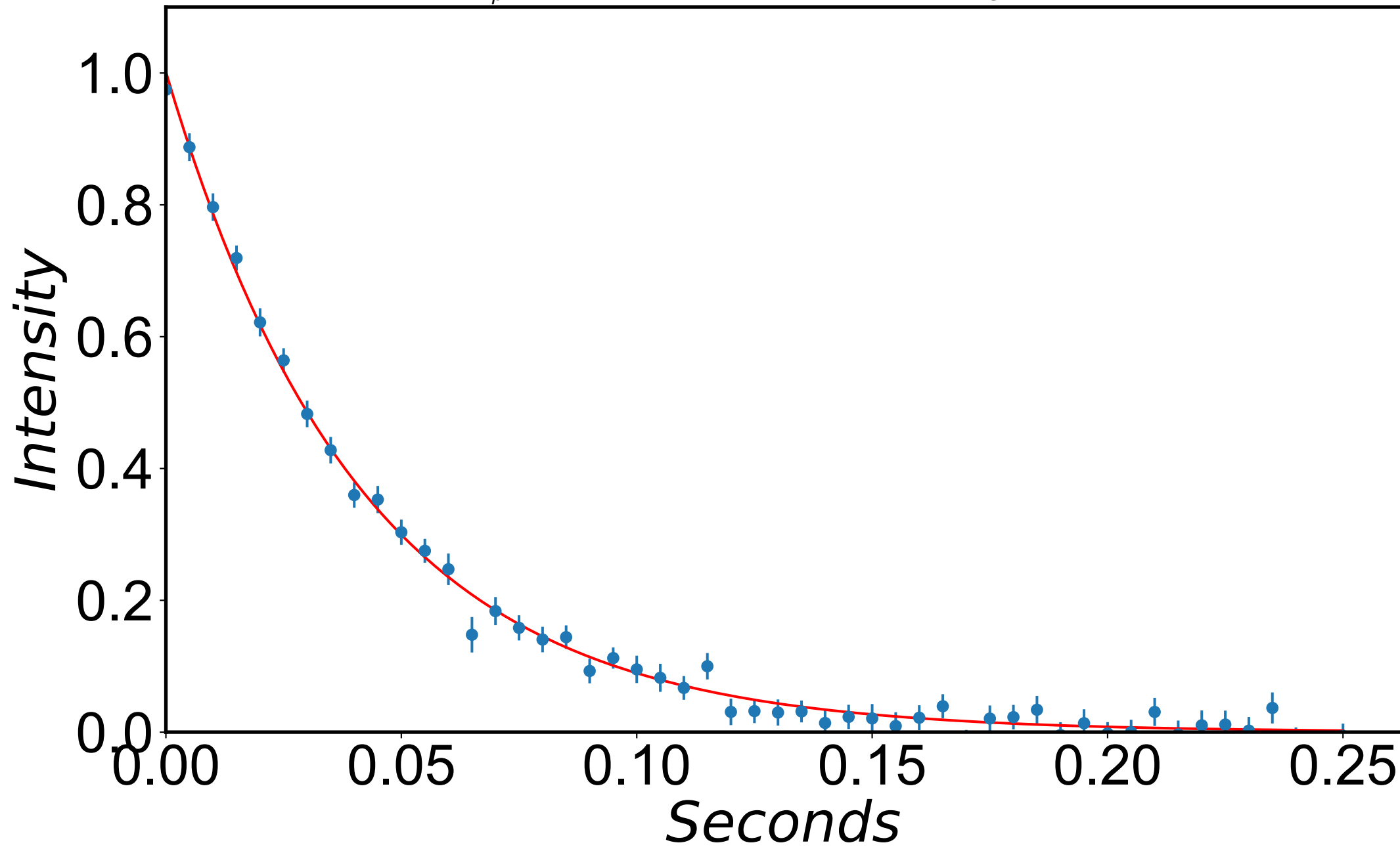
$$R_{1\rho} = 24.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1418 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



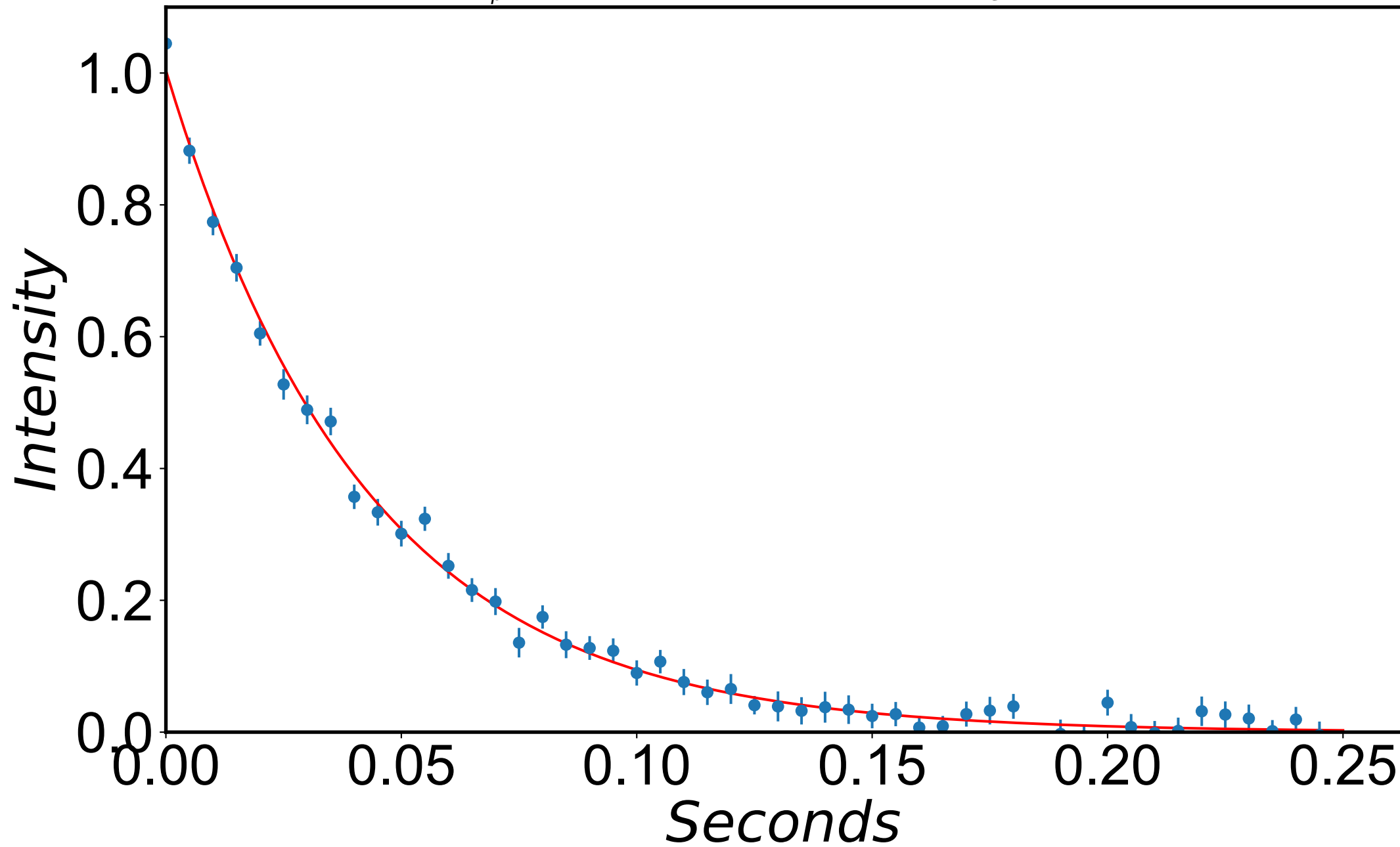
$$R_{1\rho} = 23.9 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1488 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



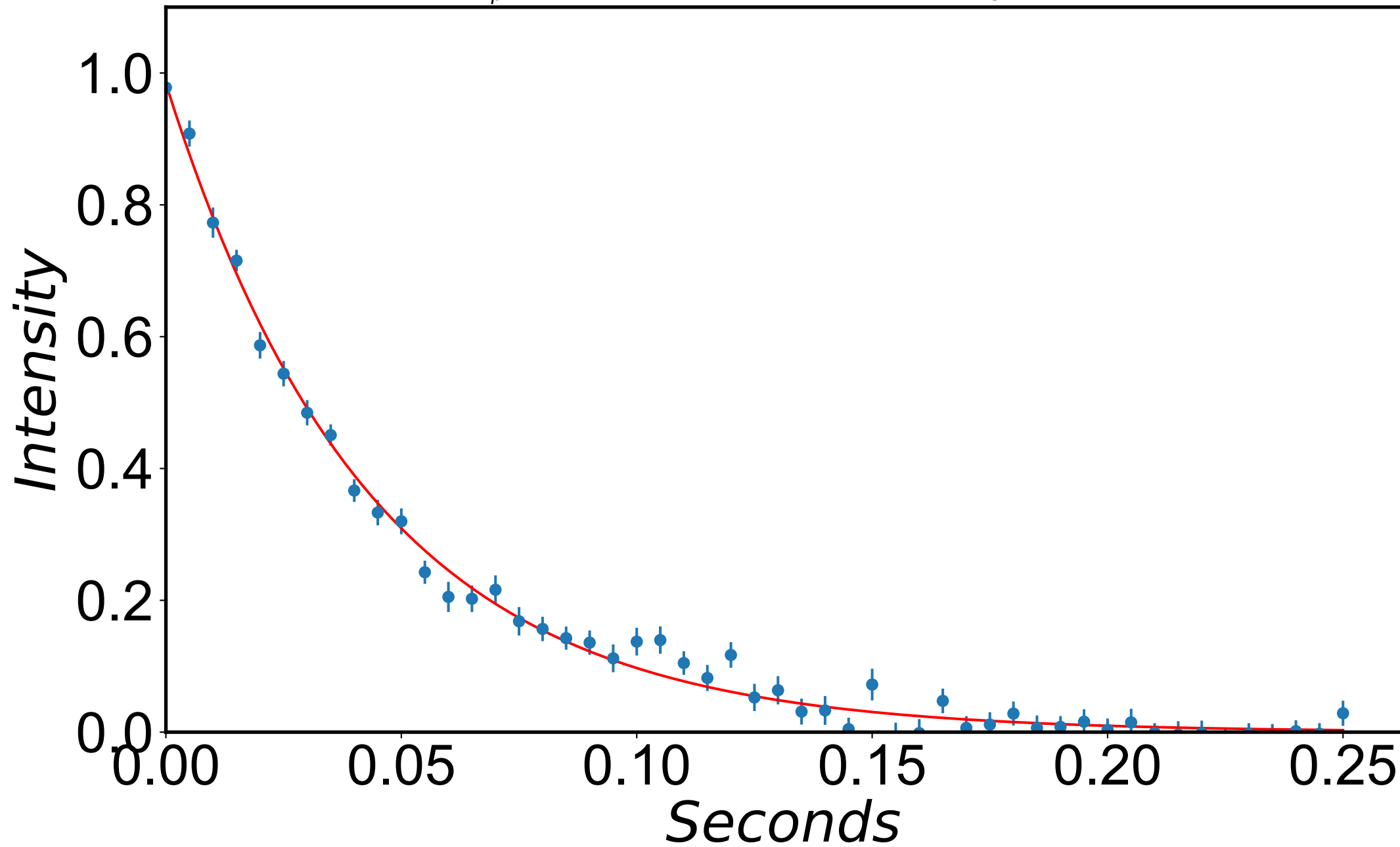
$$R_{1\rho} = 24.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1557 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



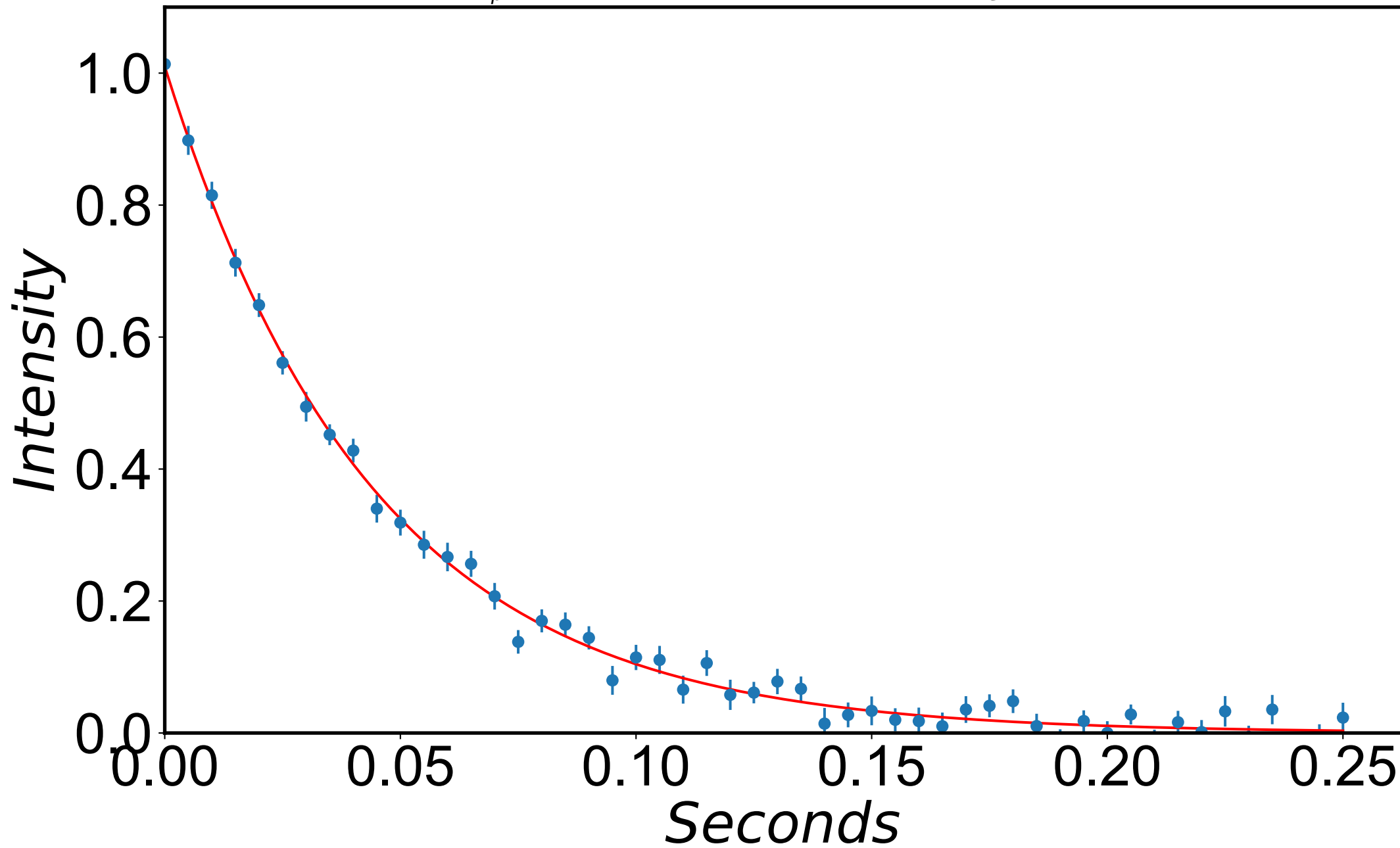
$$R_{1\rho} = 23.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1627 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



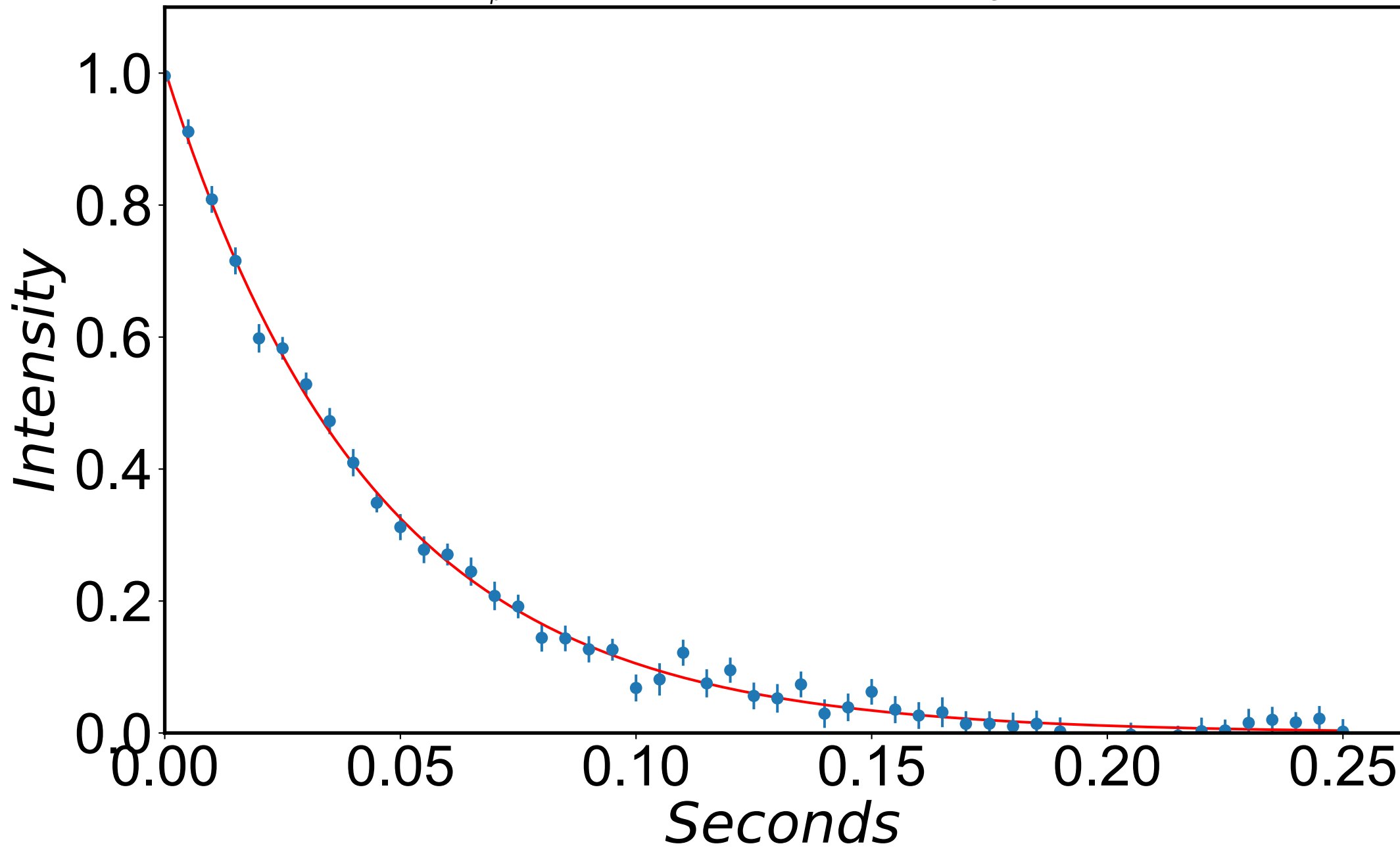
$$R_{1\rho} = 23.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 1696 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



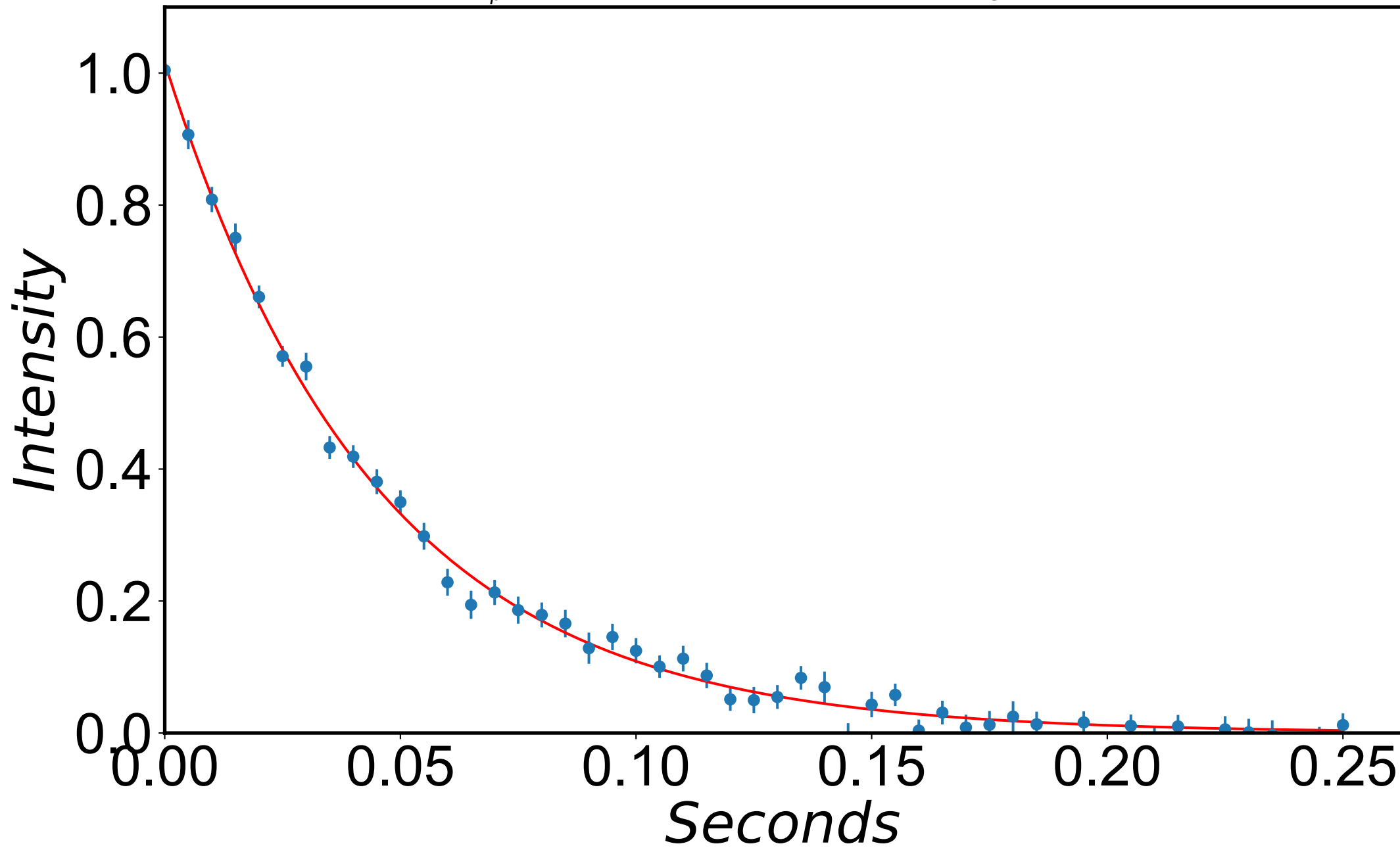
$$R_{1\rho} = 22.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1765 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



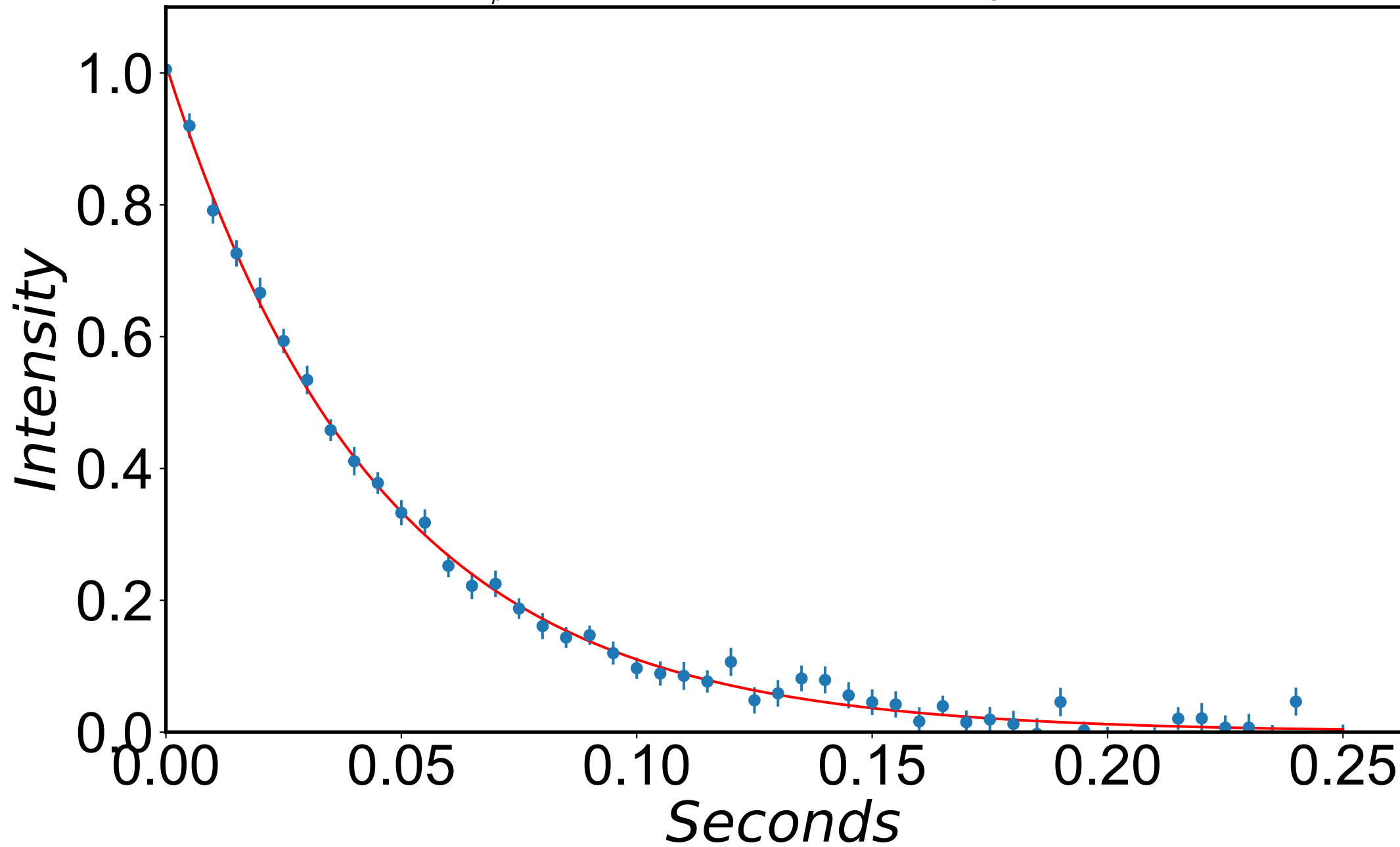
$$R_{1\rho} = 22.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1835 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



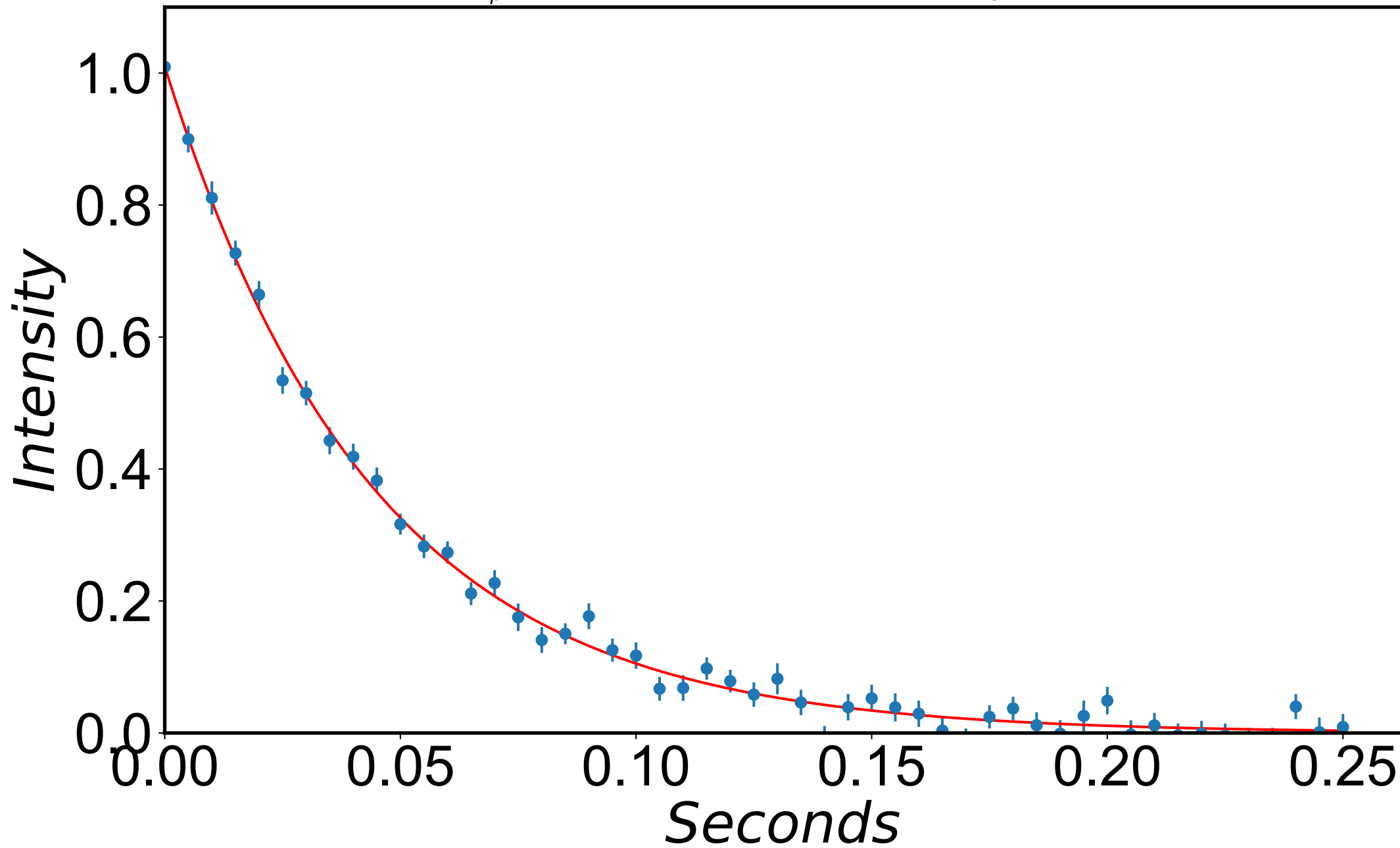
$$R_{1\rho} = 22.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 1904 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



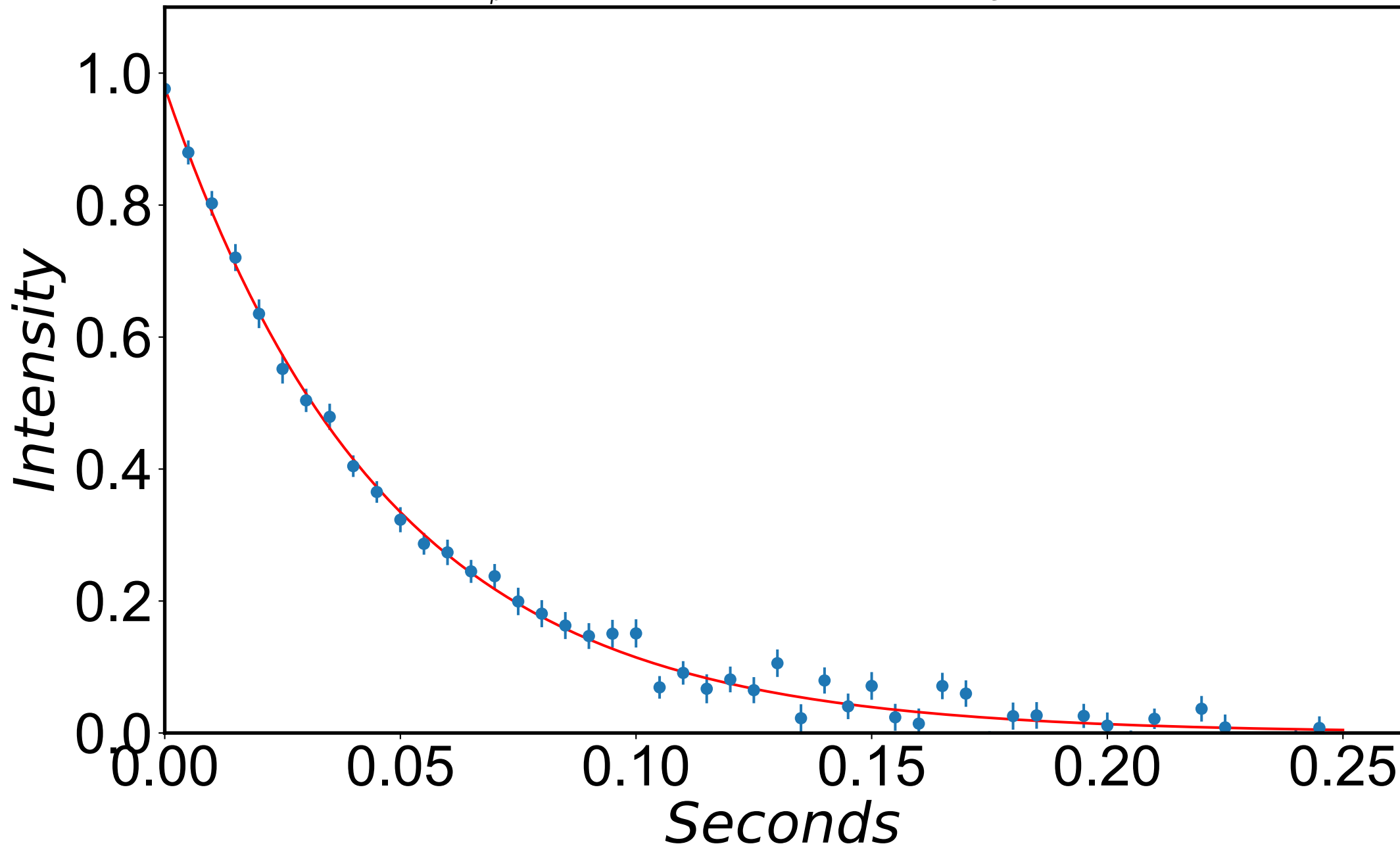
$$R_{1\rho} = 22.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 1973 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



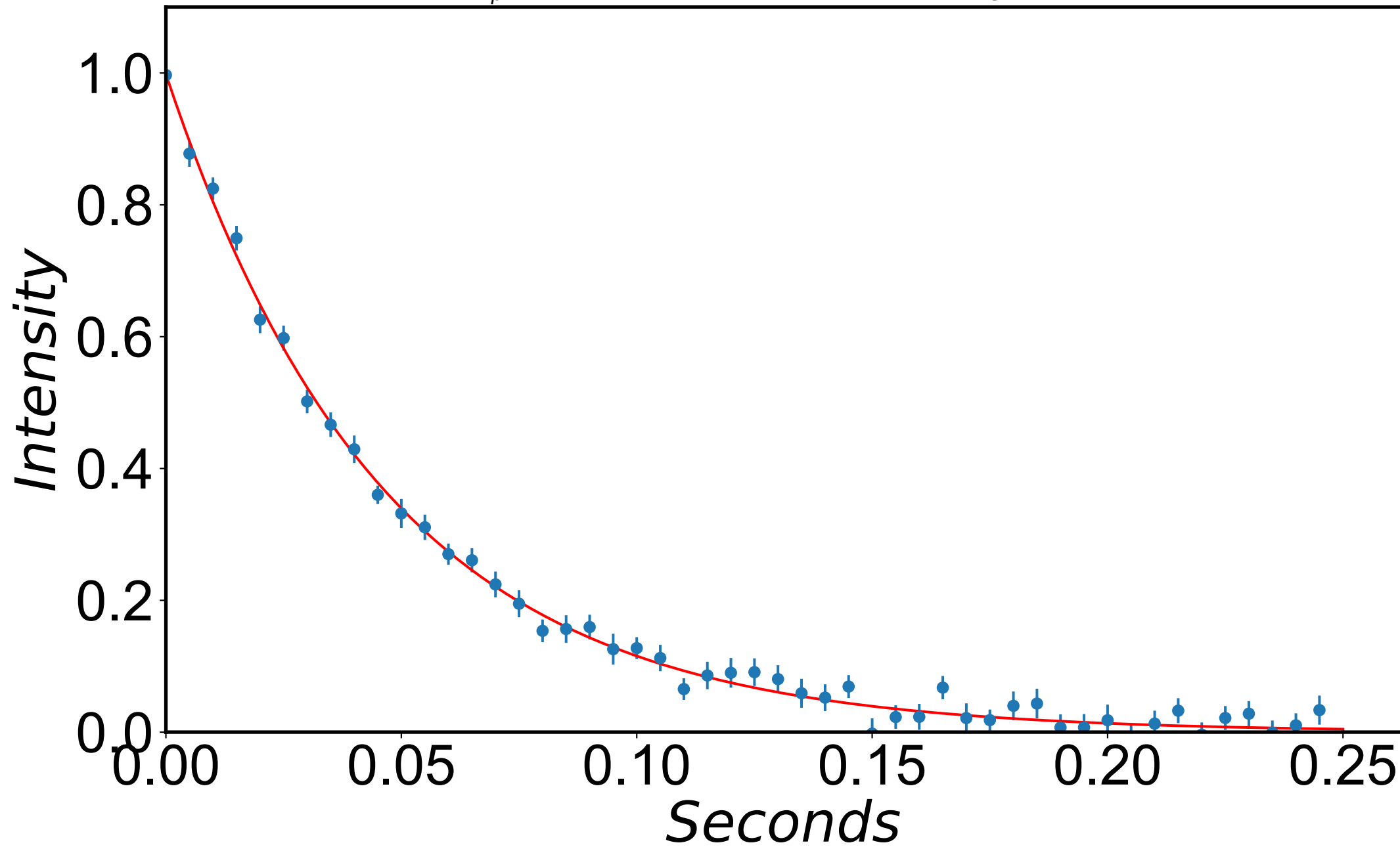
$$R_{1\rho} = 22.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2043 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



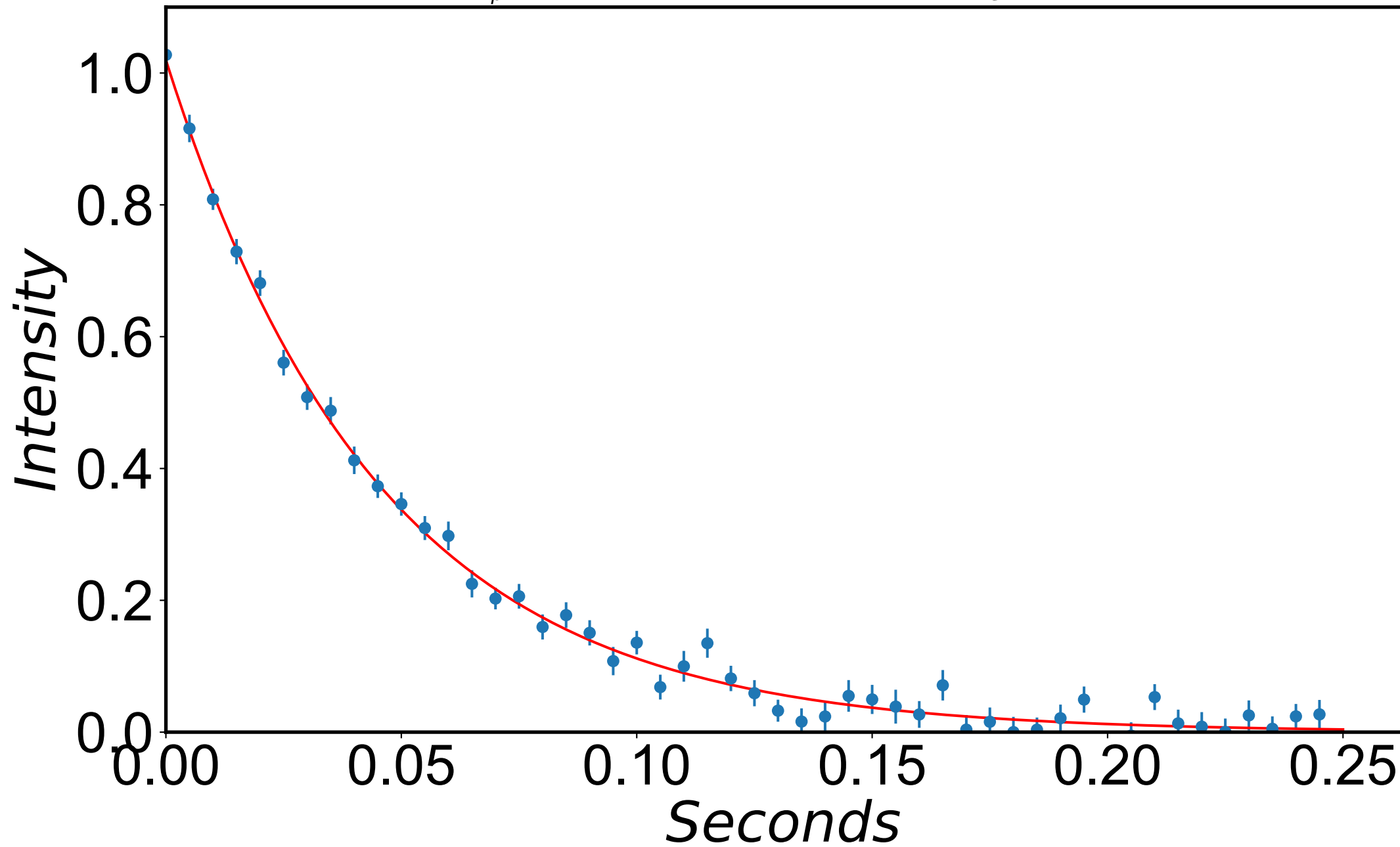
$$R_{1\rho} = 21.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2112 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



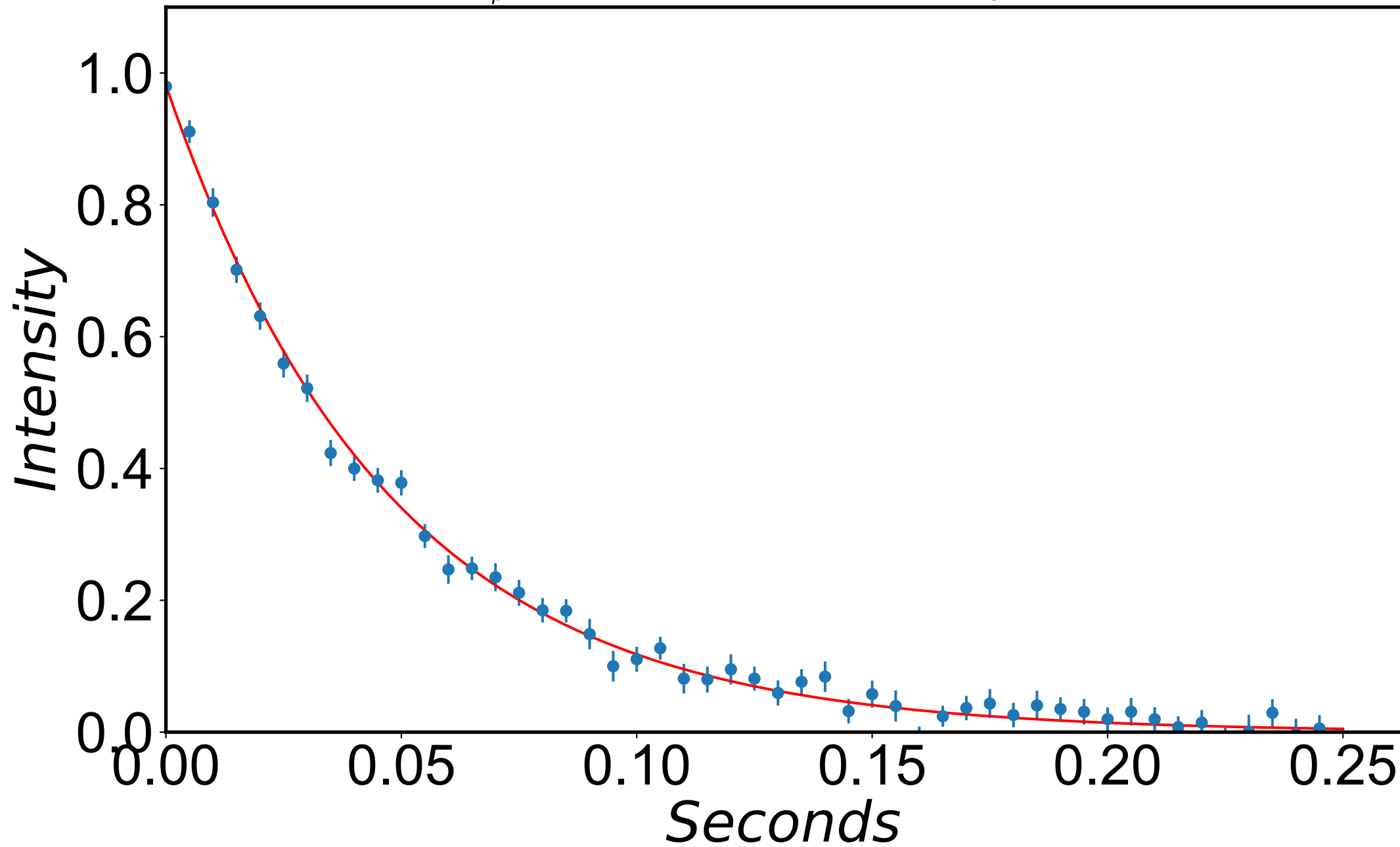
$$R_{1\rho} = 21.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 2182 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



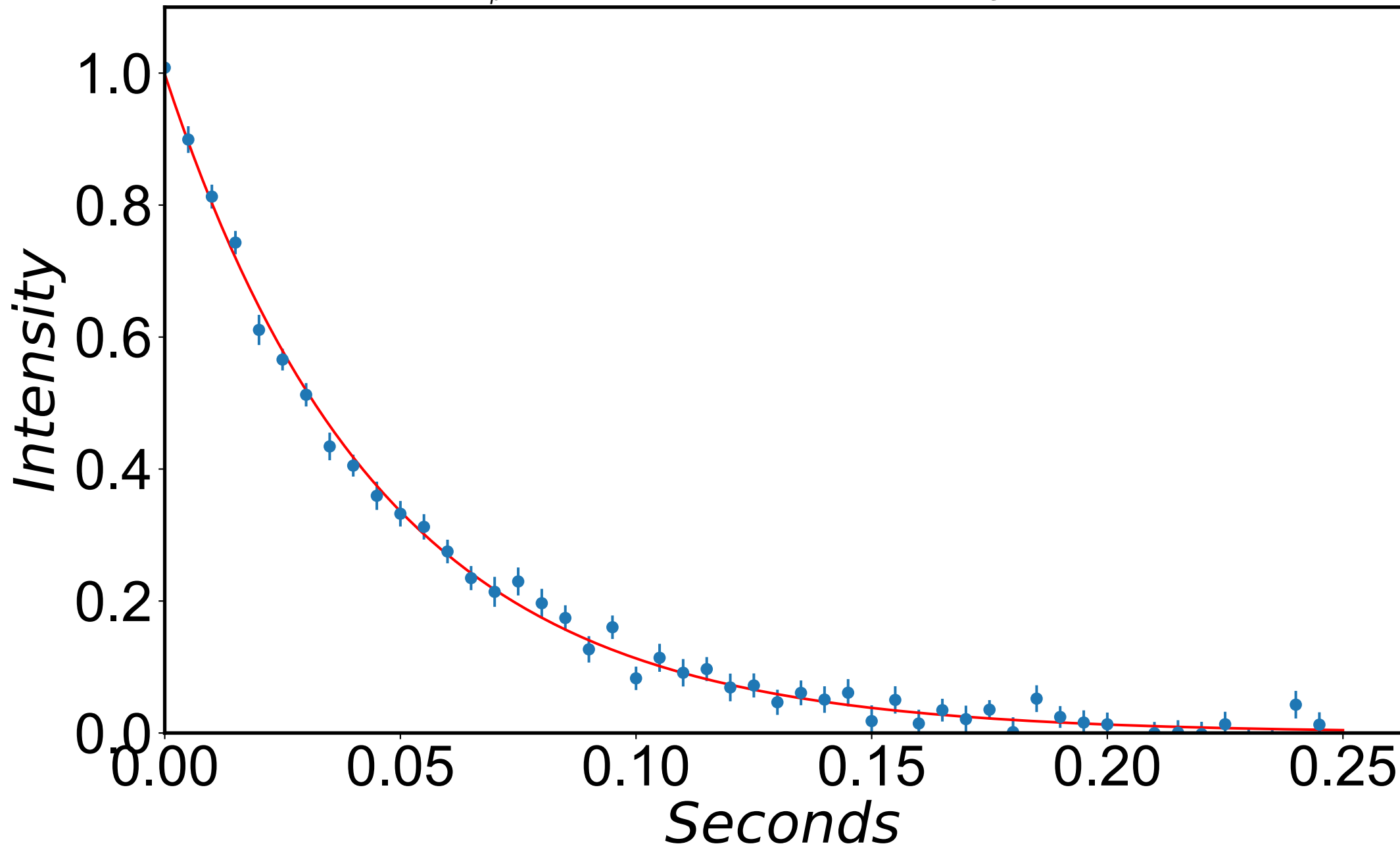
$$R_{1\rho} = 22.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2251 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



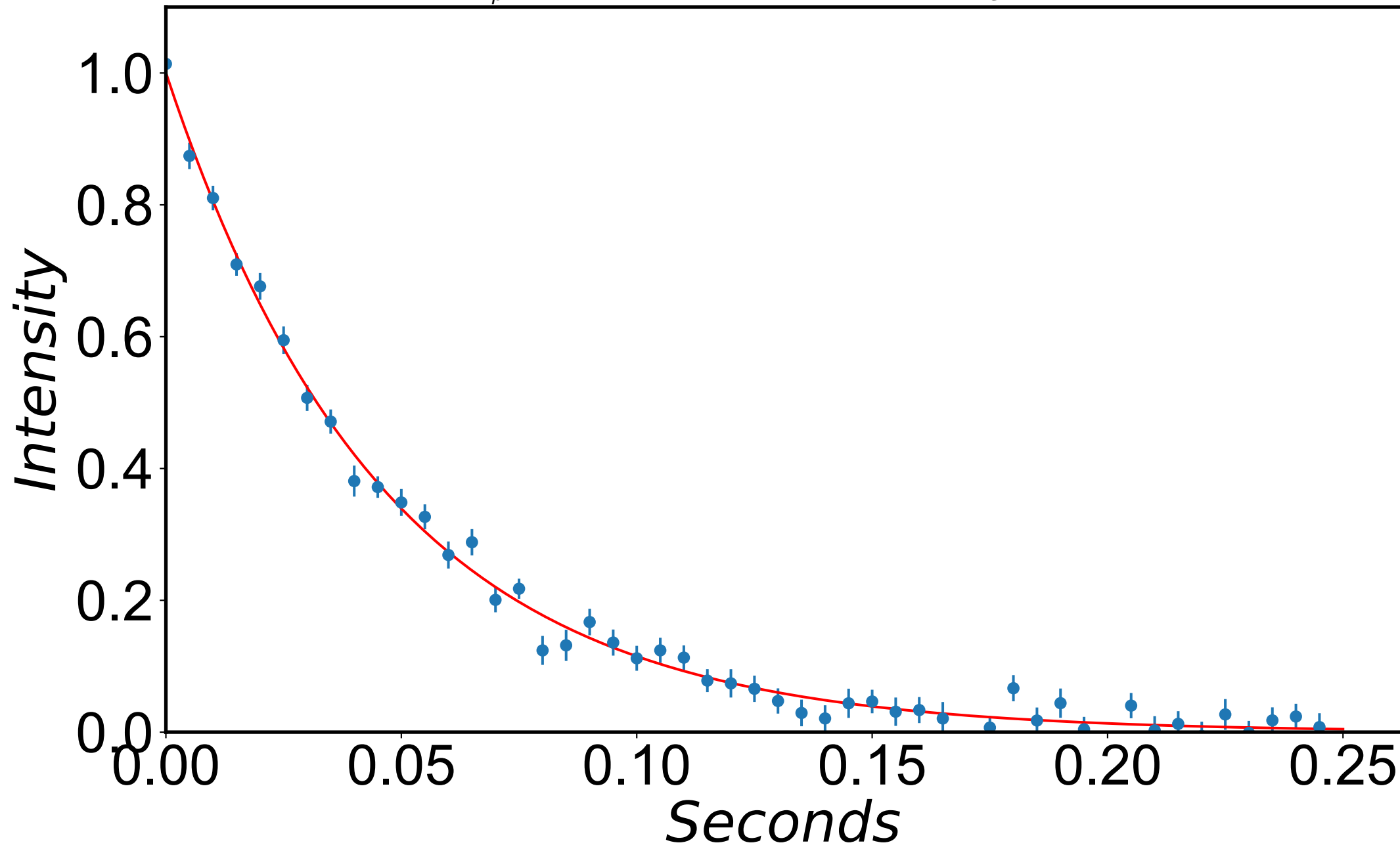
$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2320 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



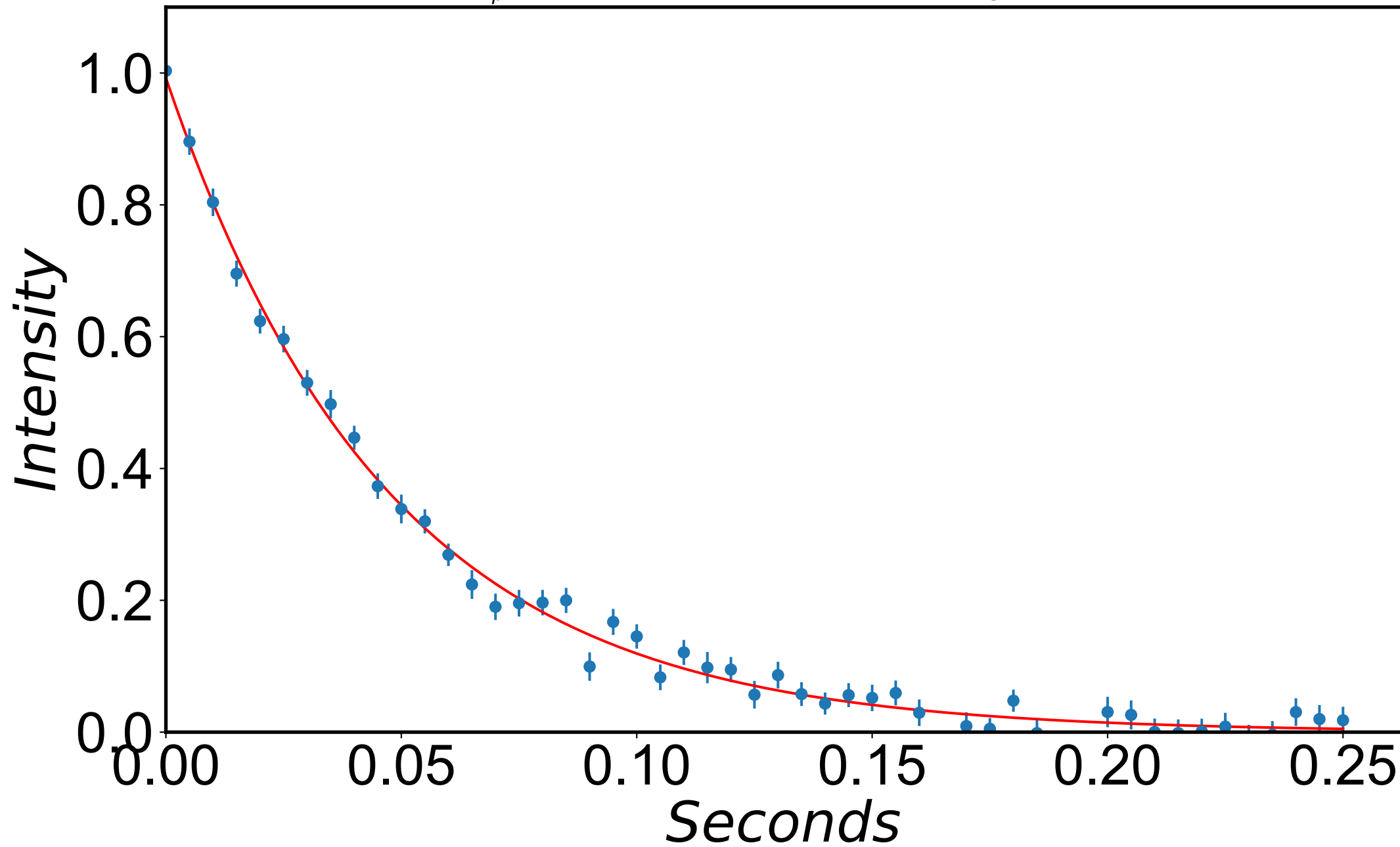
$$R_{1\rho} = 21.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2390 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



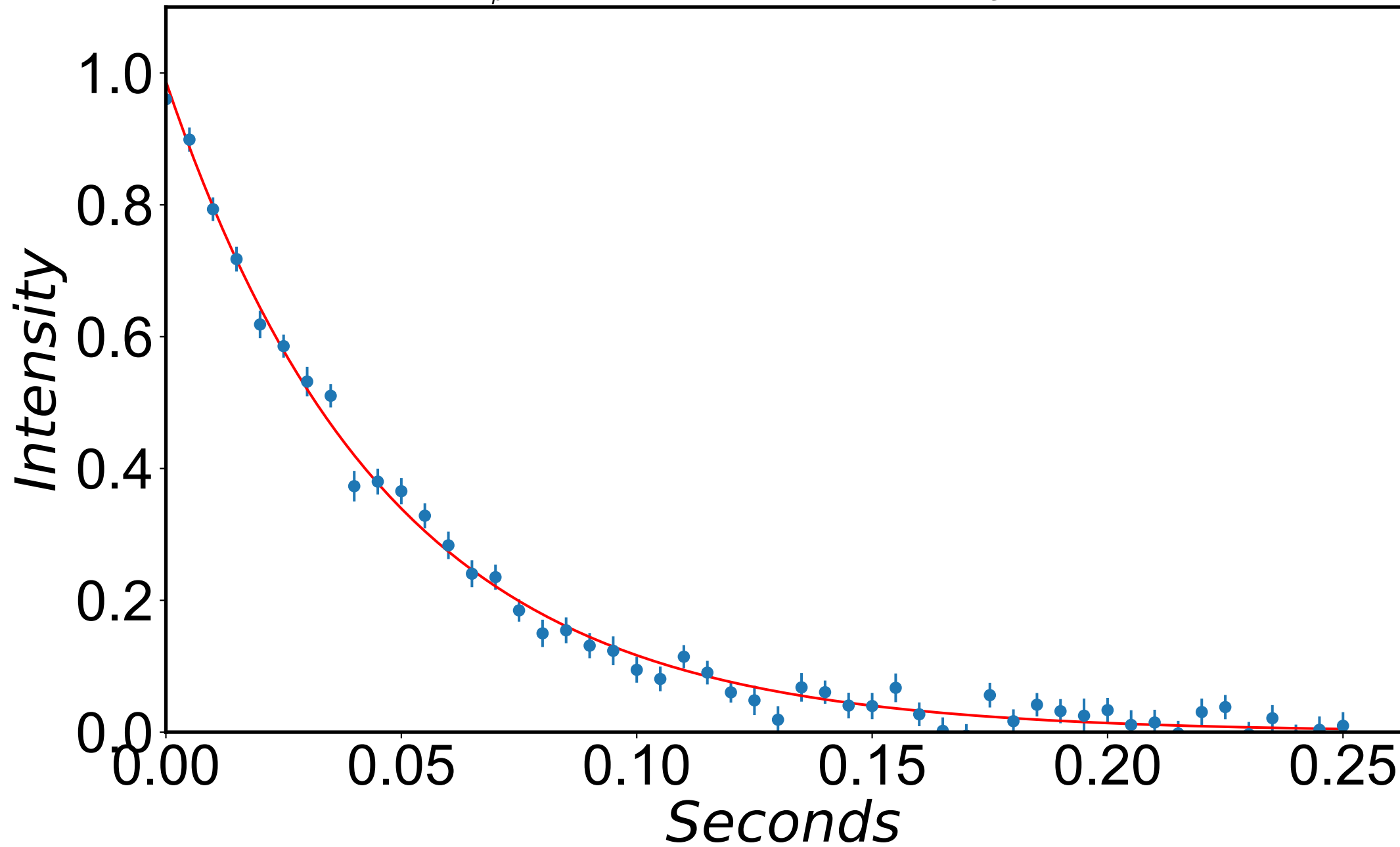
$$R_{1\rho} = 21.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2459 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



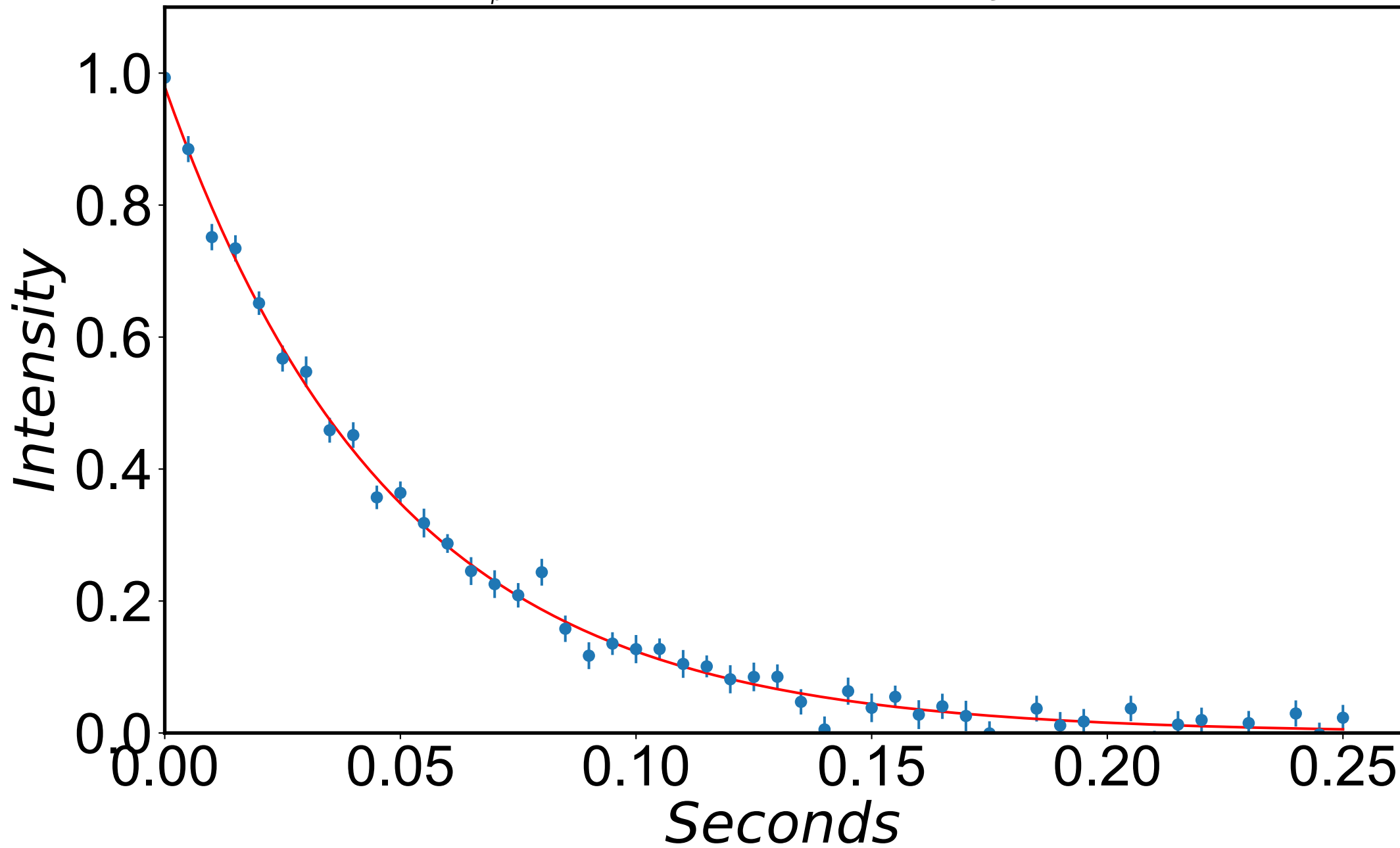
$$R_{1\rho} = 21.2 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 2529 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



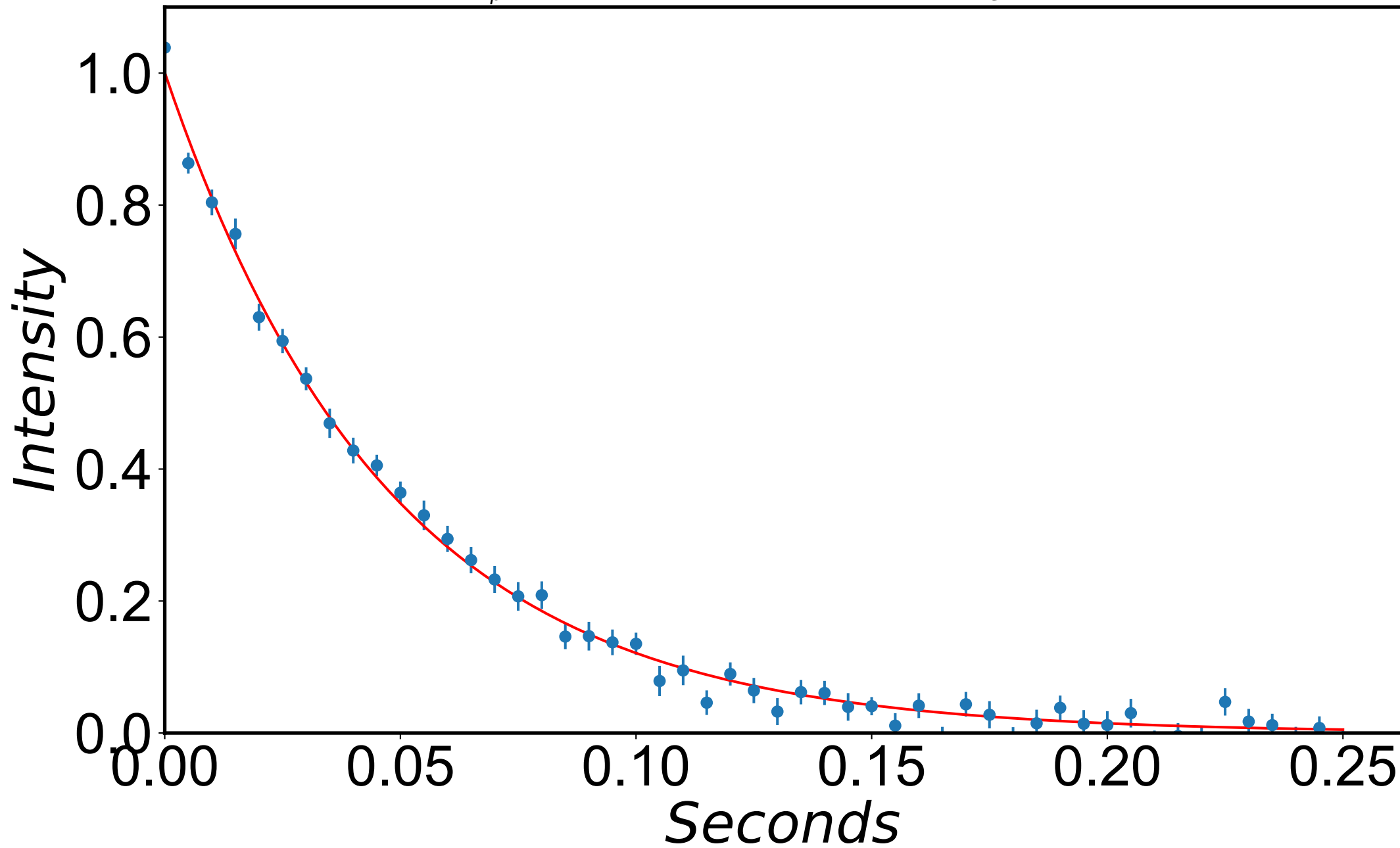
$$R_{1\rho} = 21.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2598 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



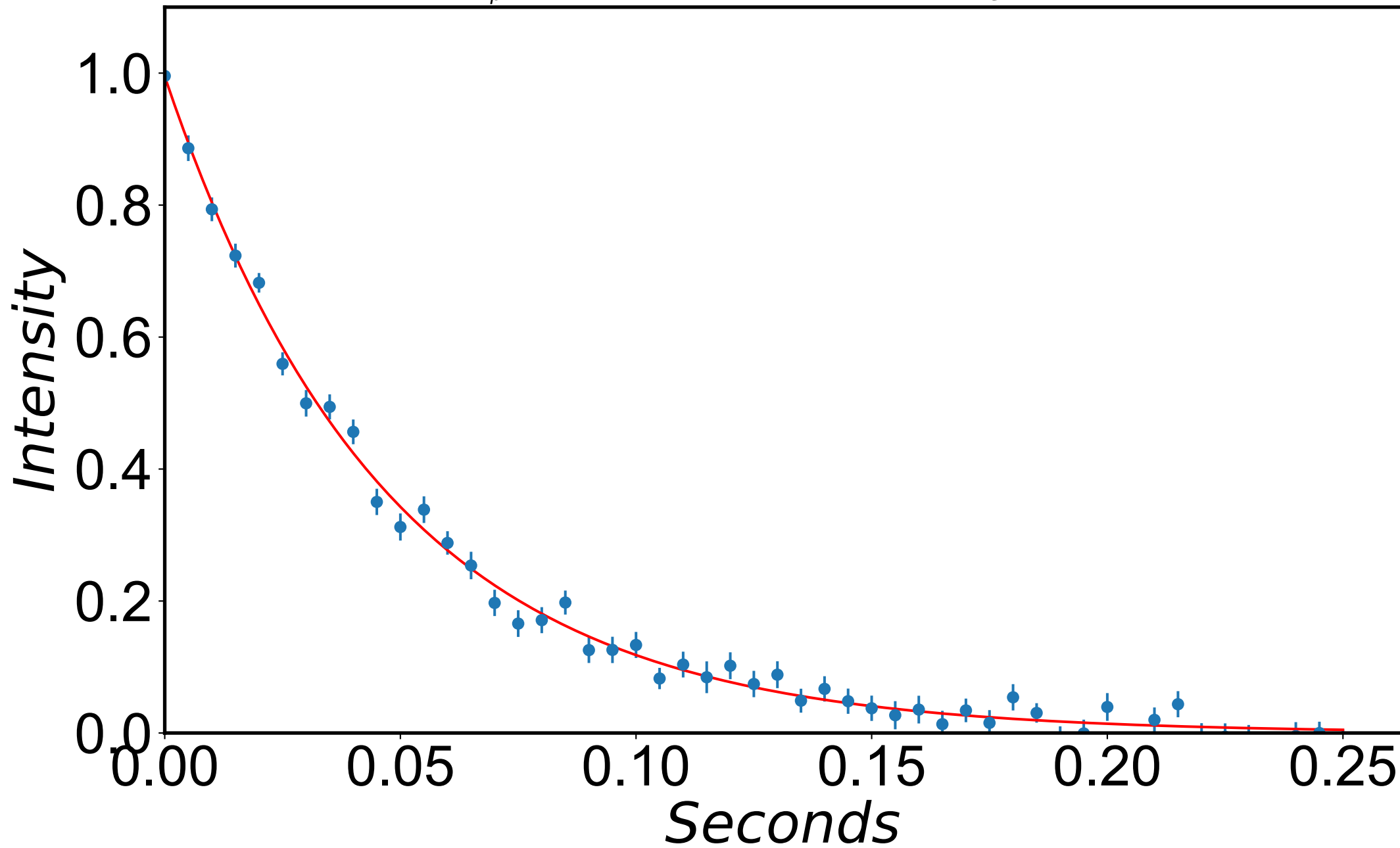
$$R_{1\rho} = 20.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2667 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



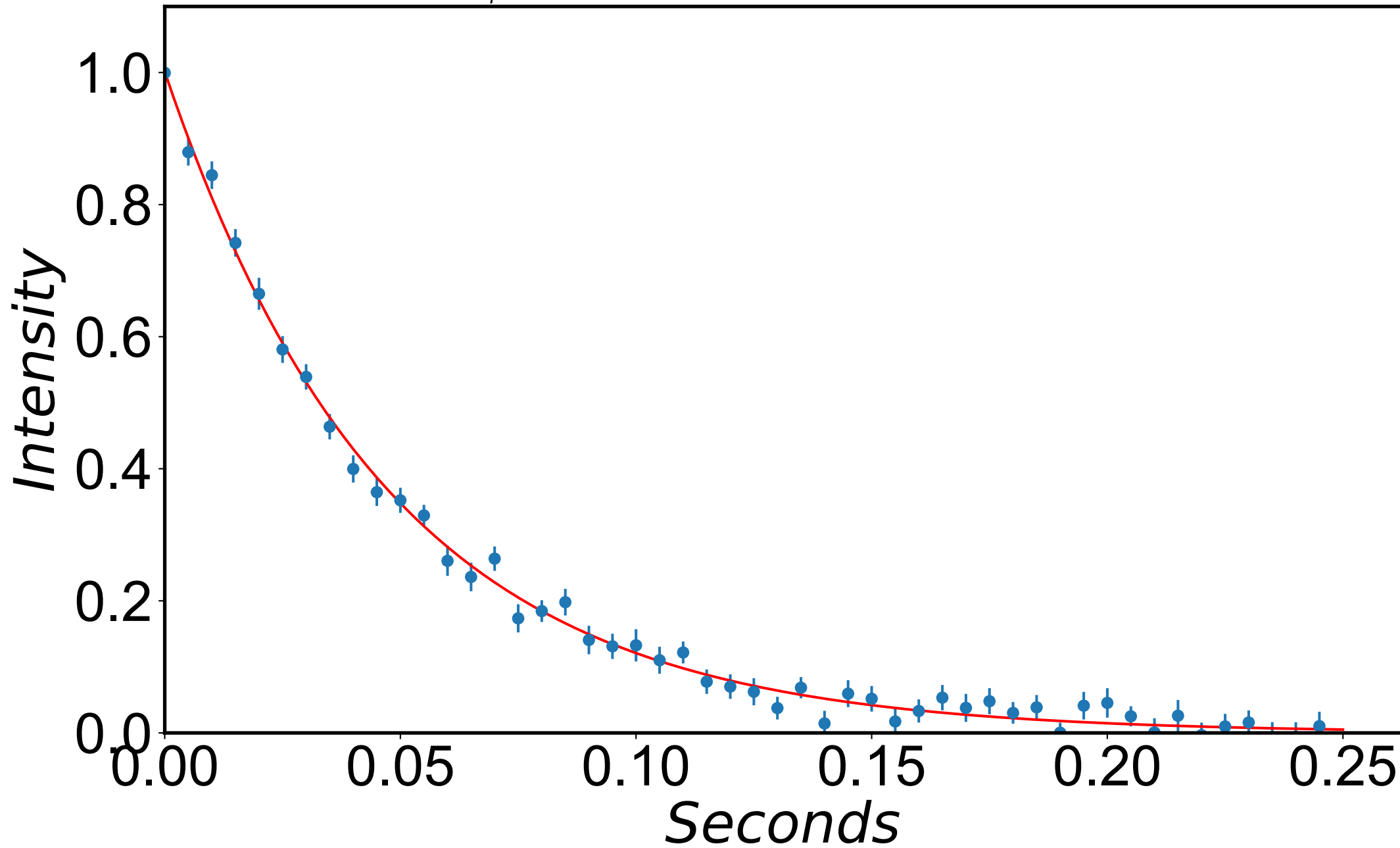
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2737 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



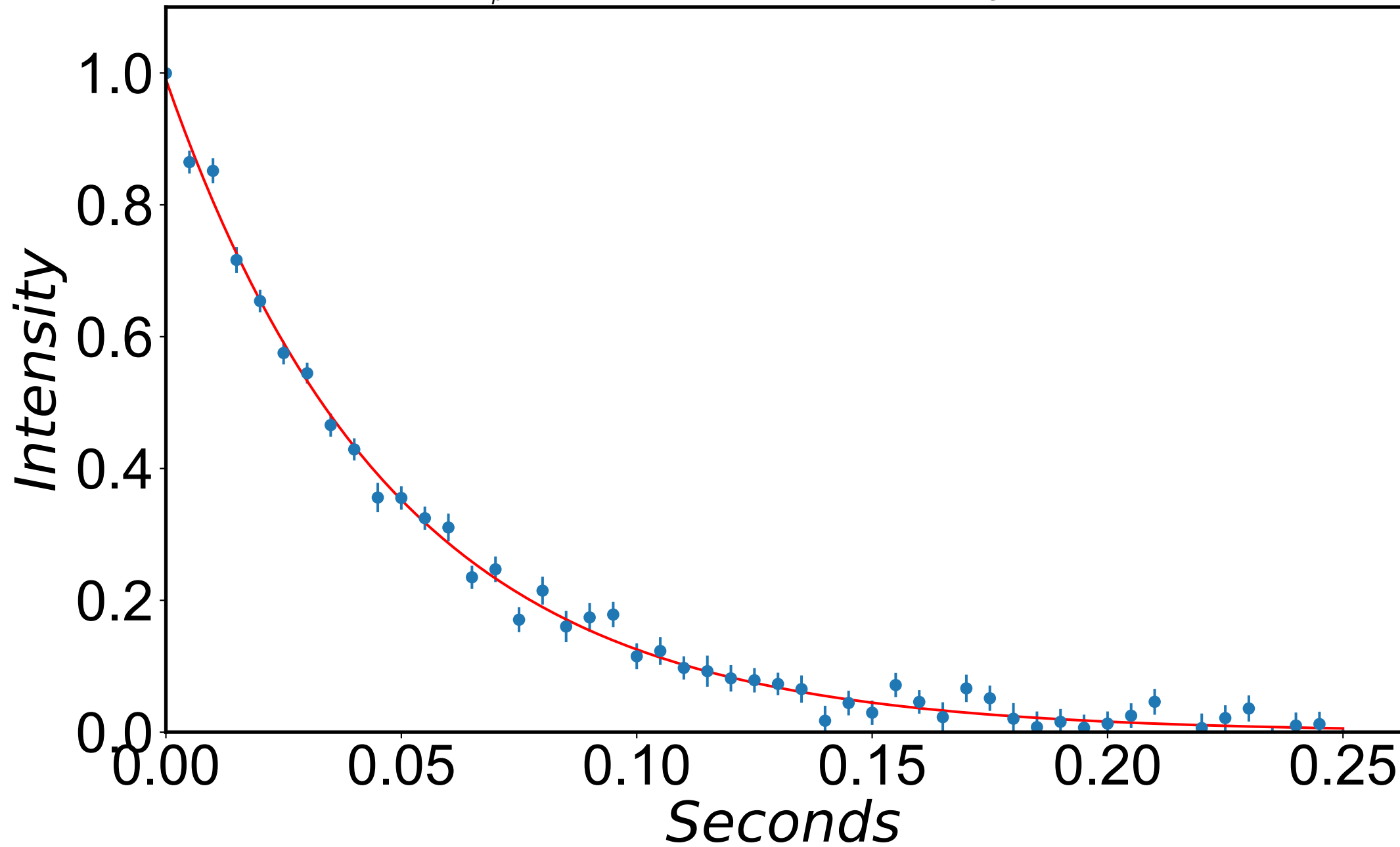
$$R_{1\rho} = 21.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 2806 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



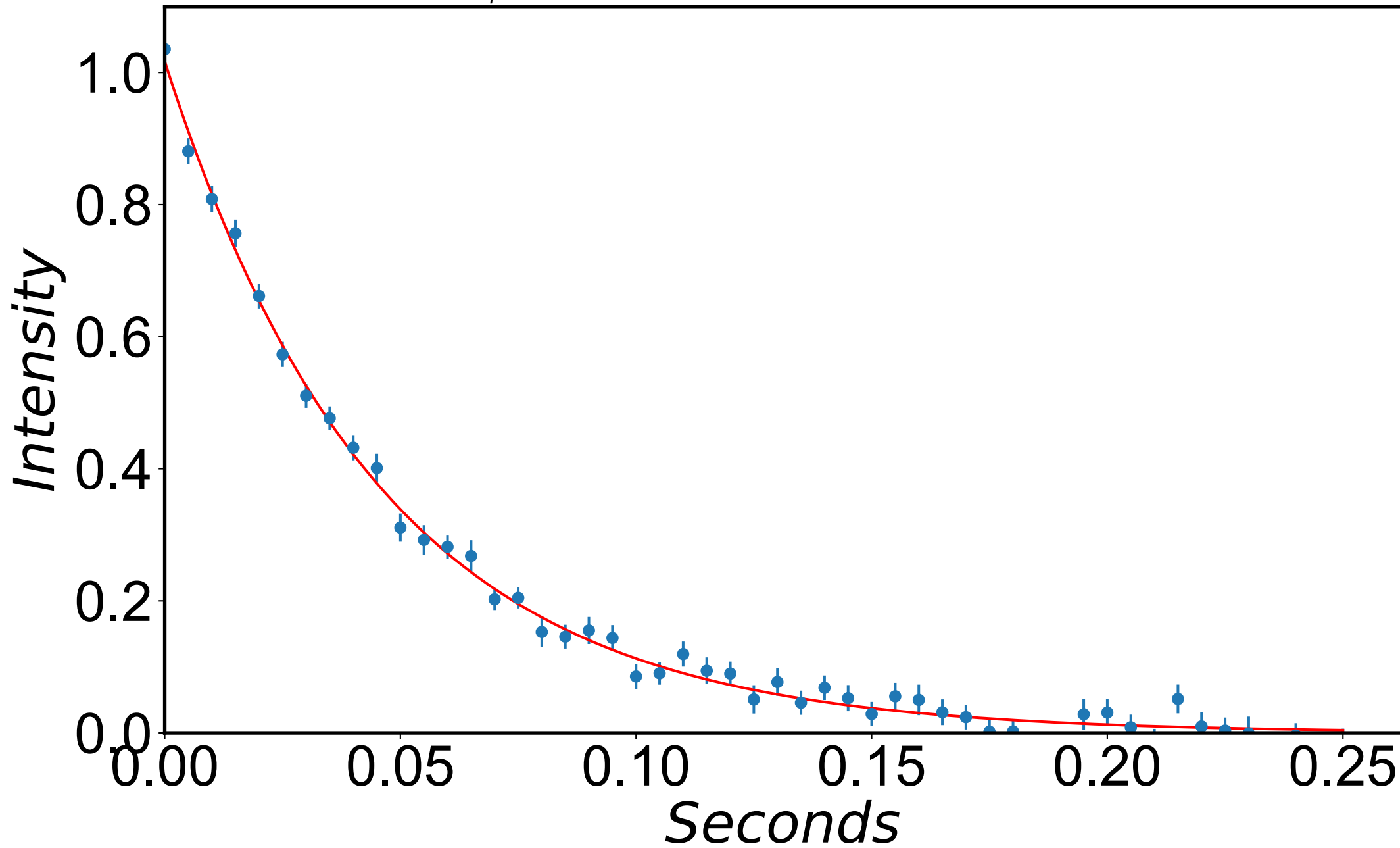
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 2876 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



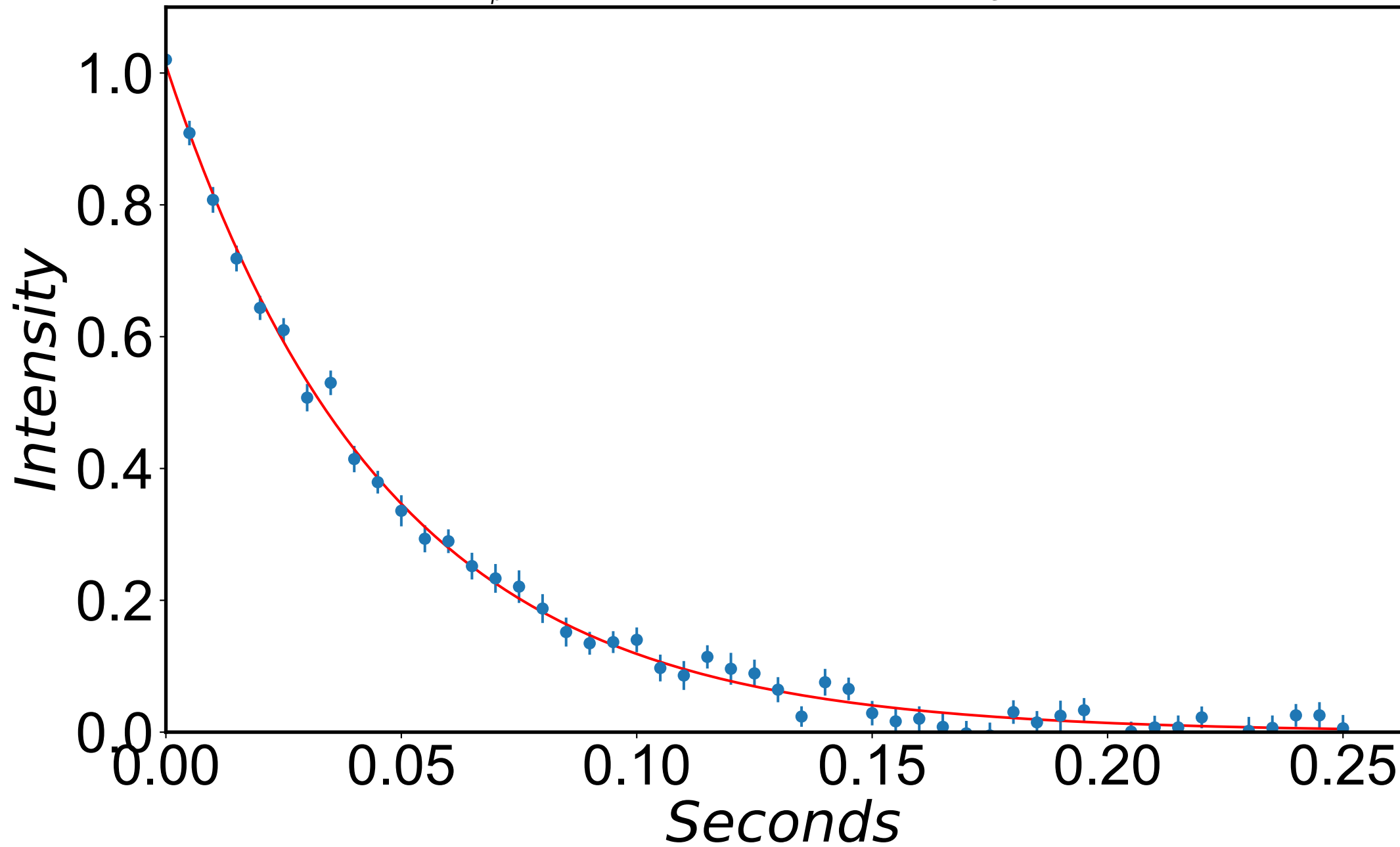
$$R_{1\rho} = 20.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 2945 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



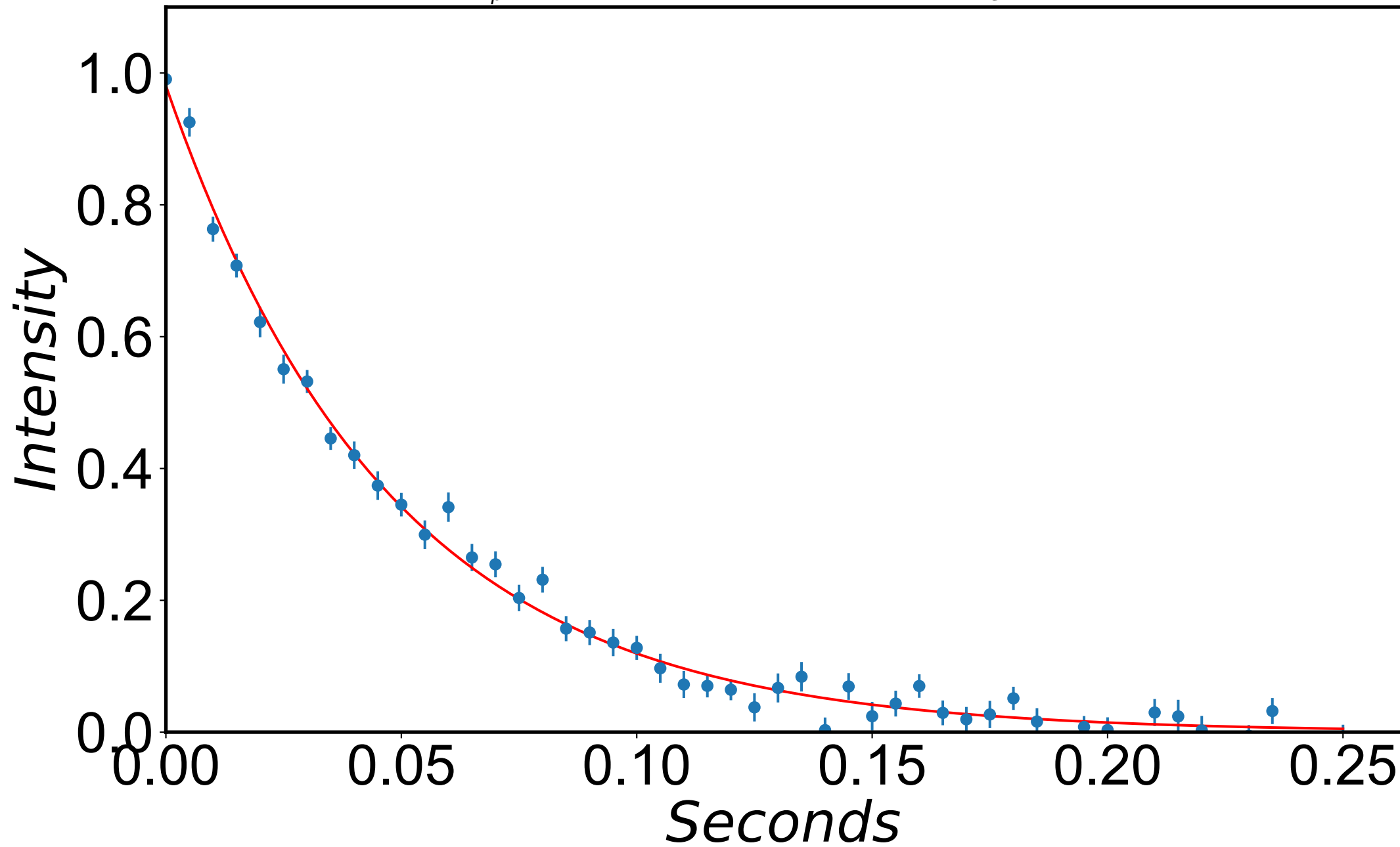
$$R_{1\rho} = 22.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3014 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



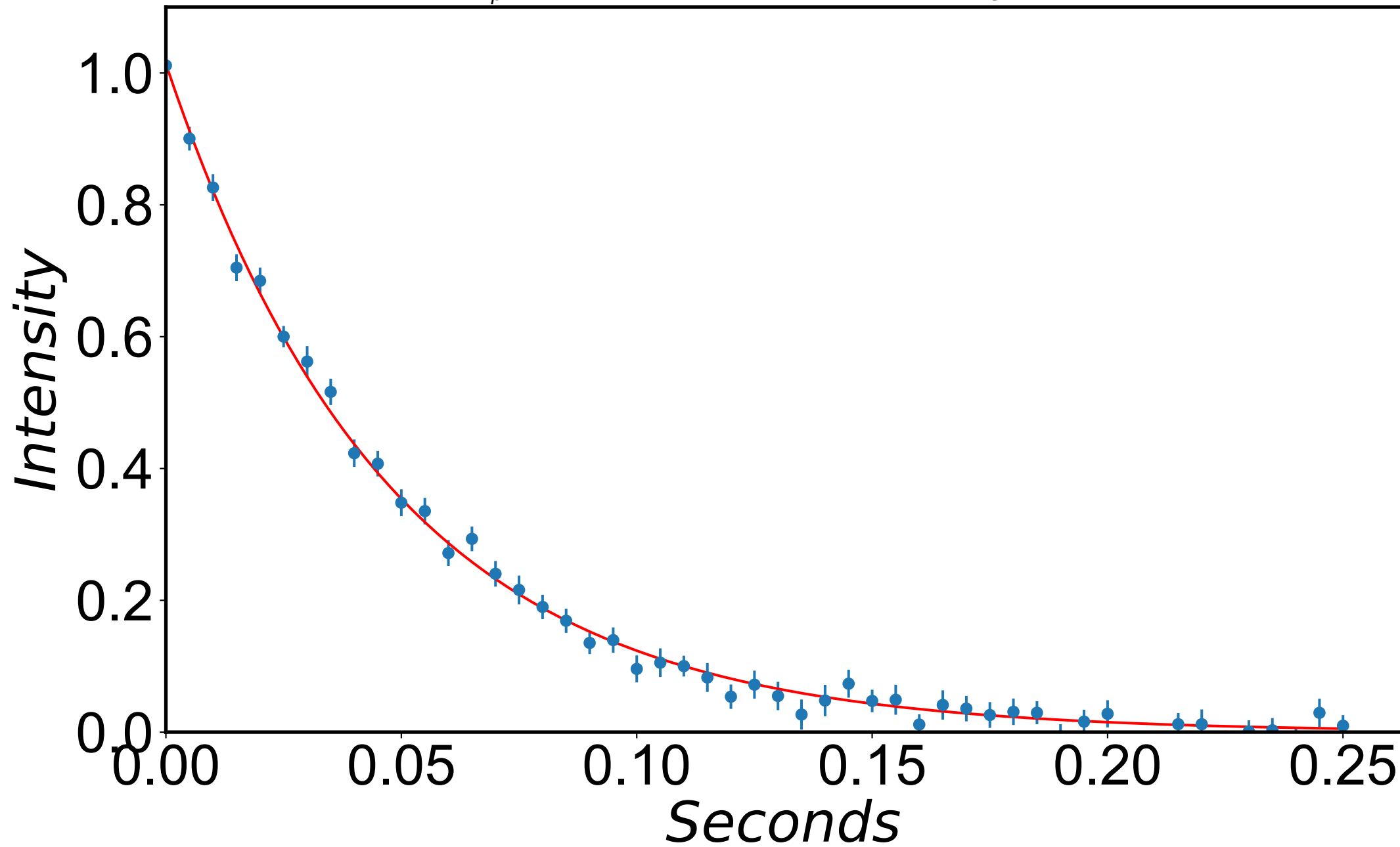
$$R_{1\rho} = 21.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3084 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



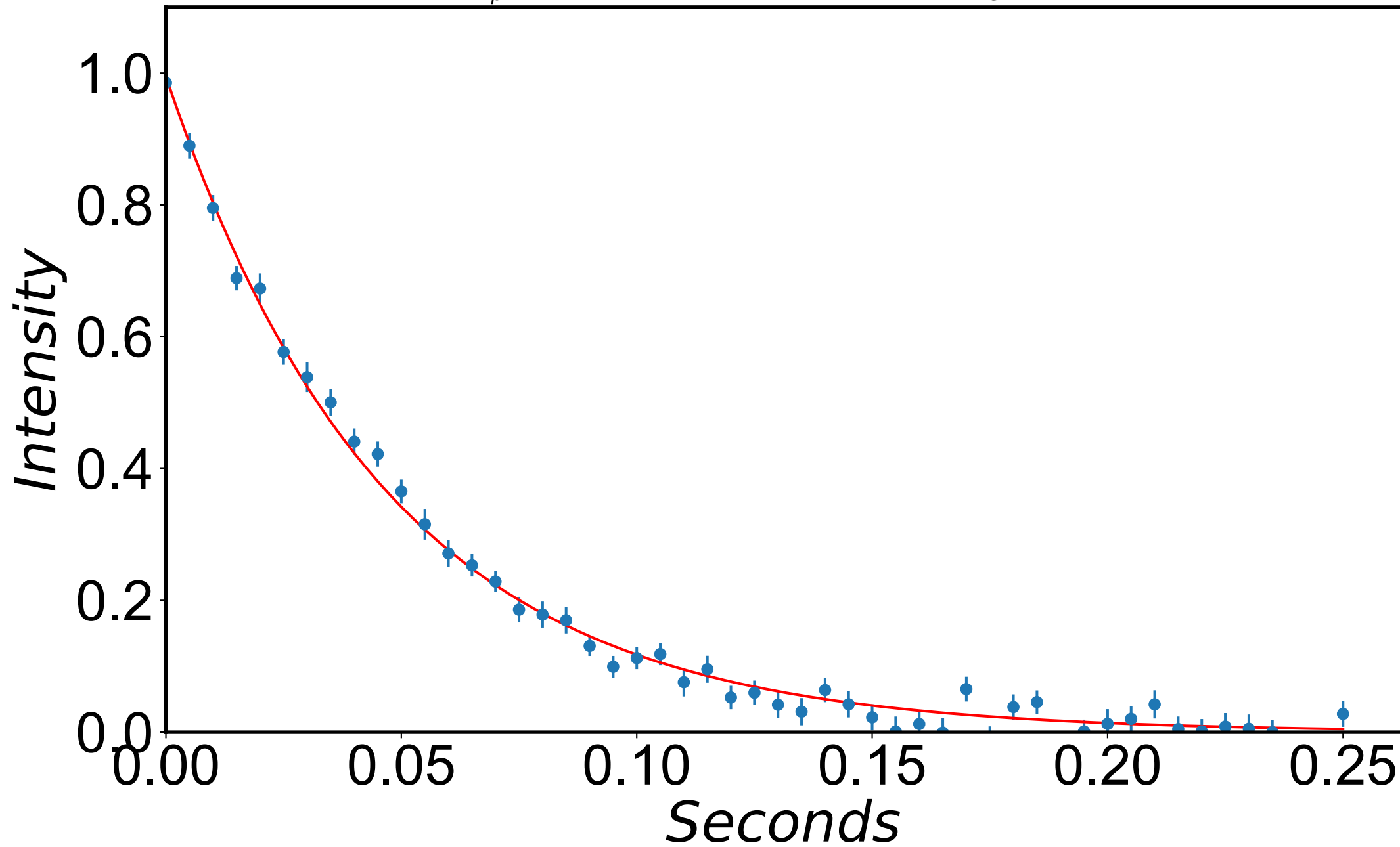
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3153 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



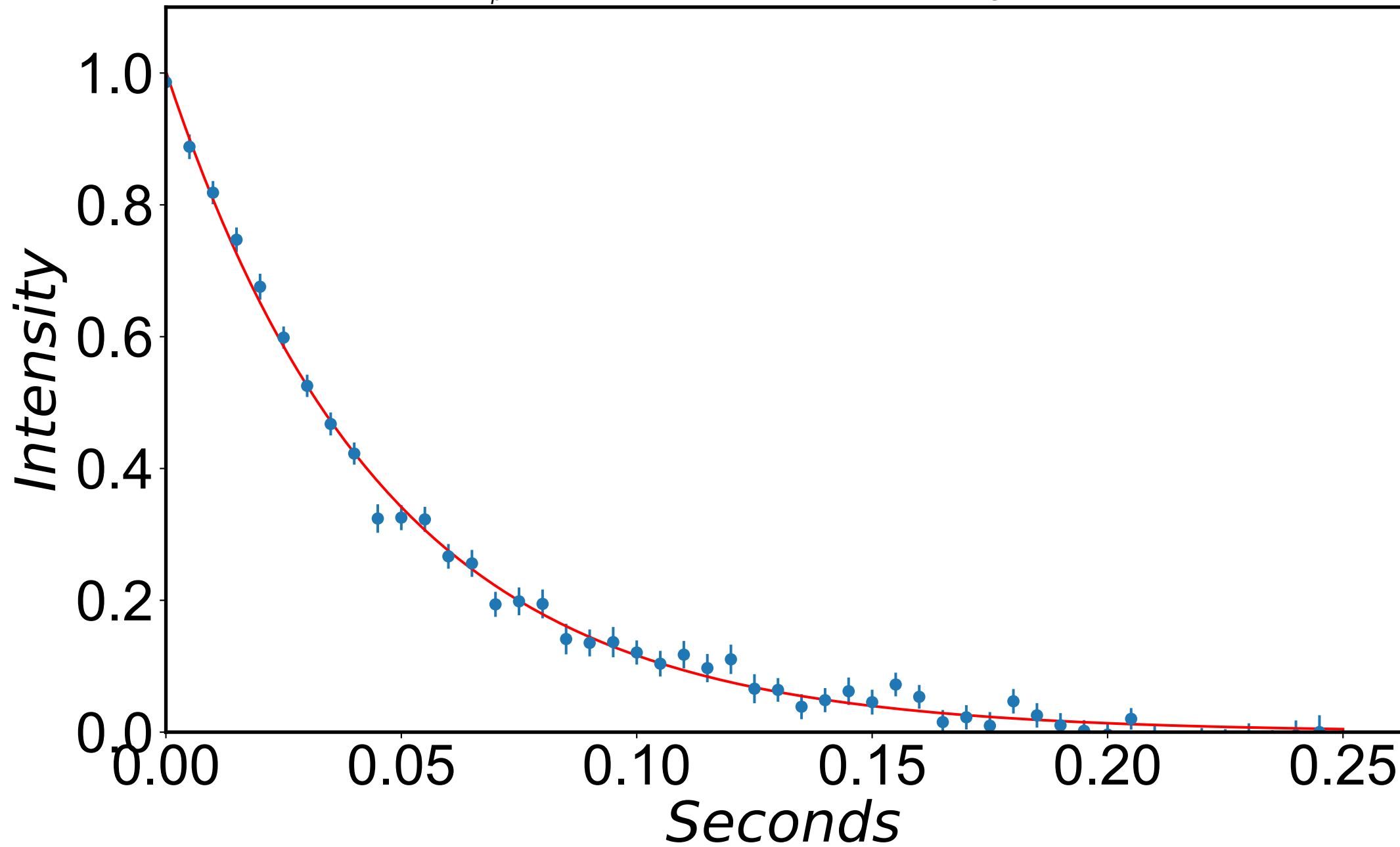
$$R_{1\rho} = 21.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3222 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



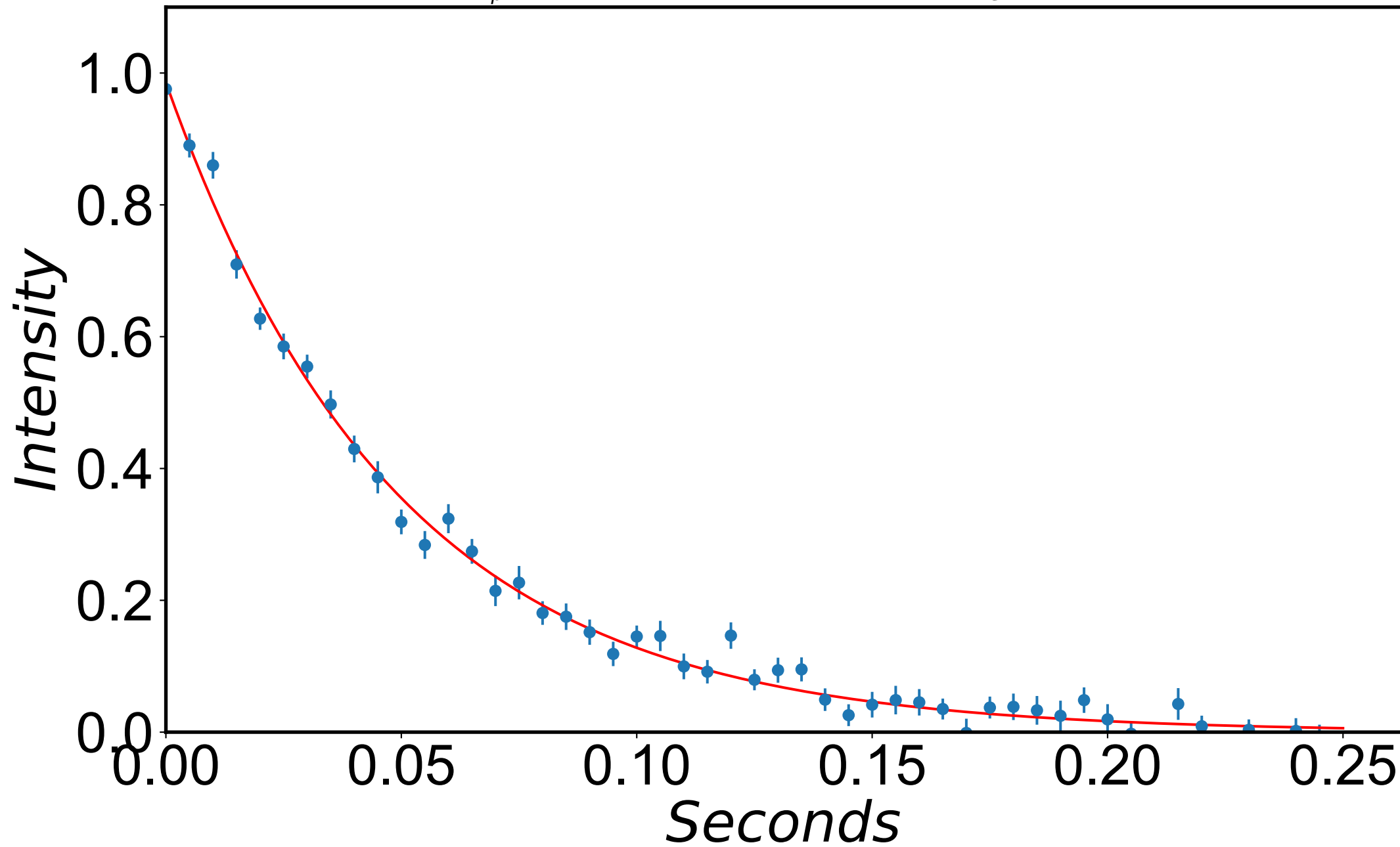
$$R_{1\rho} = 21.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3292 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



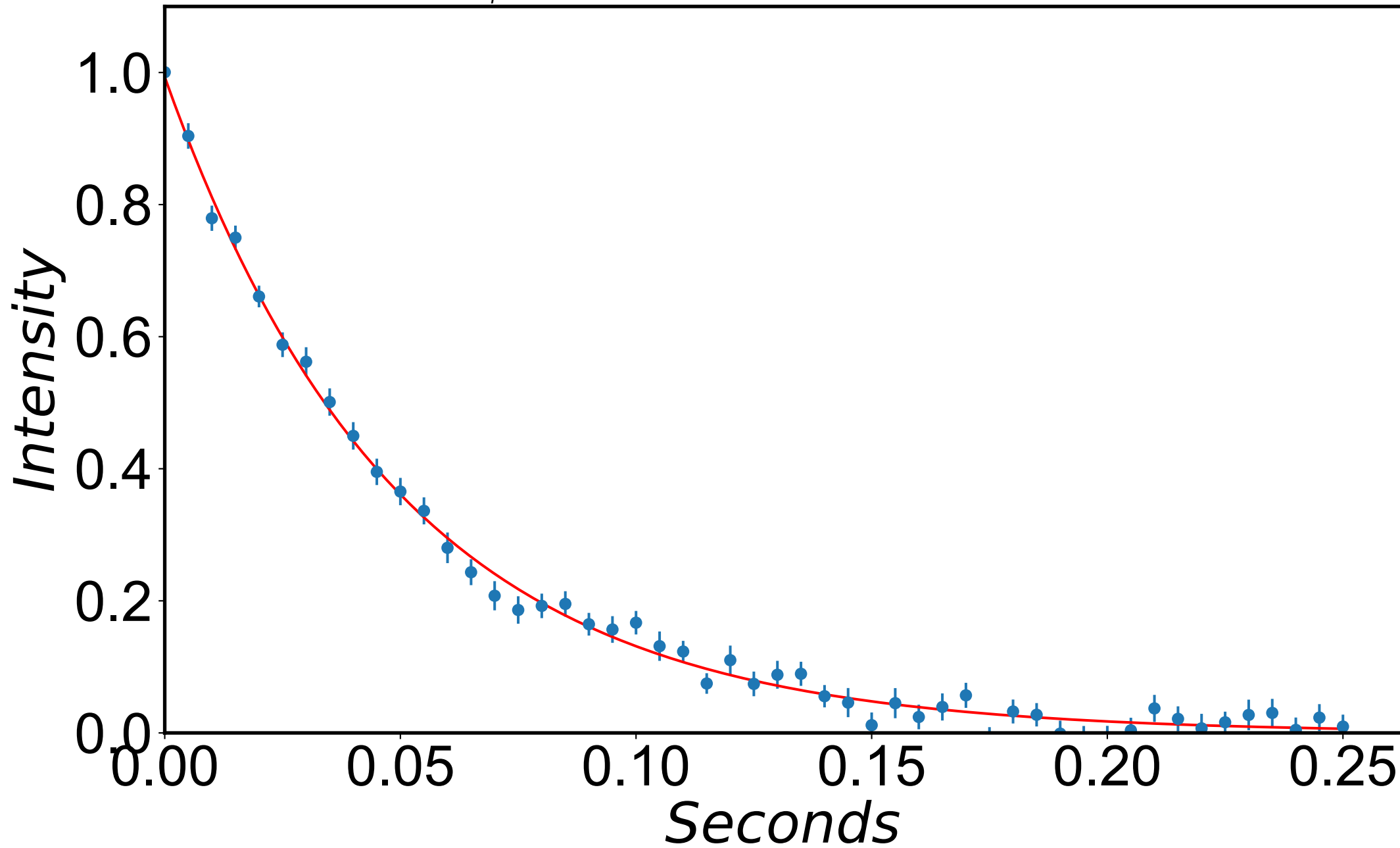
$$R_{1\rho} = 21.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 3361 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



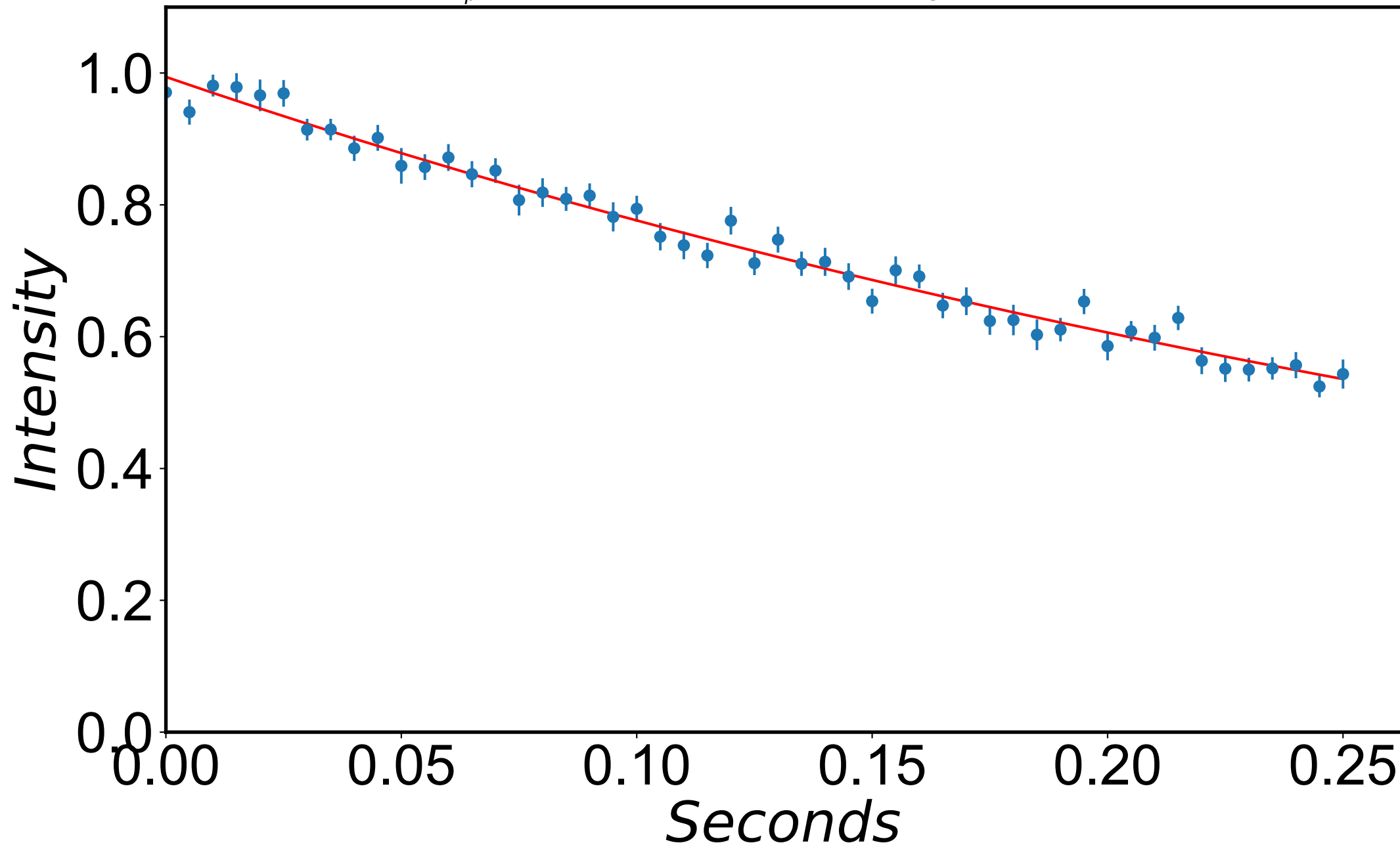
$$R_{1\rho} = 20.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3431 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



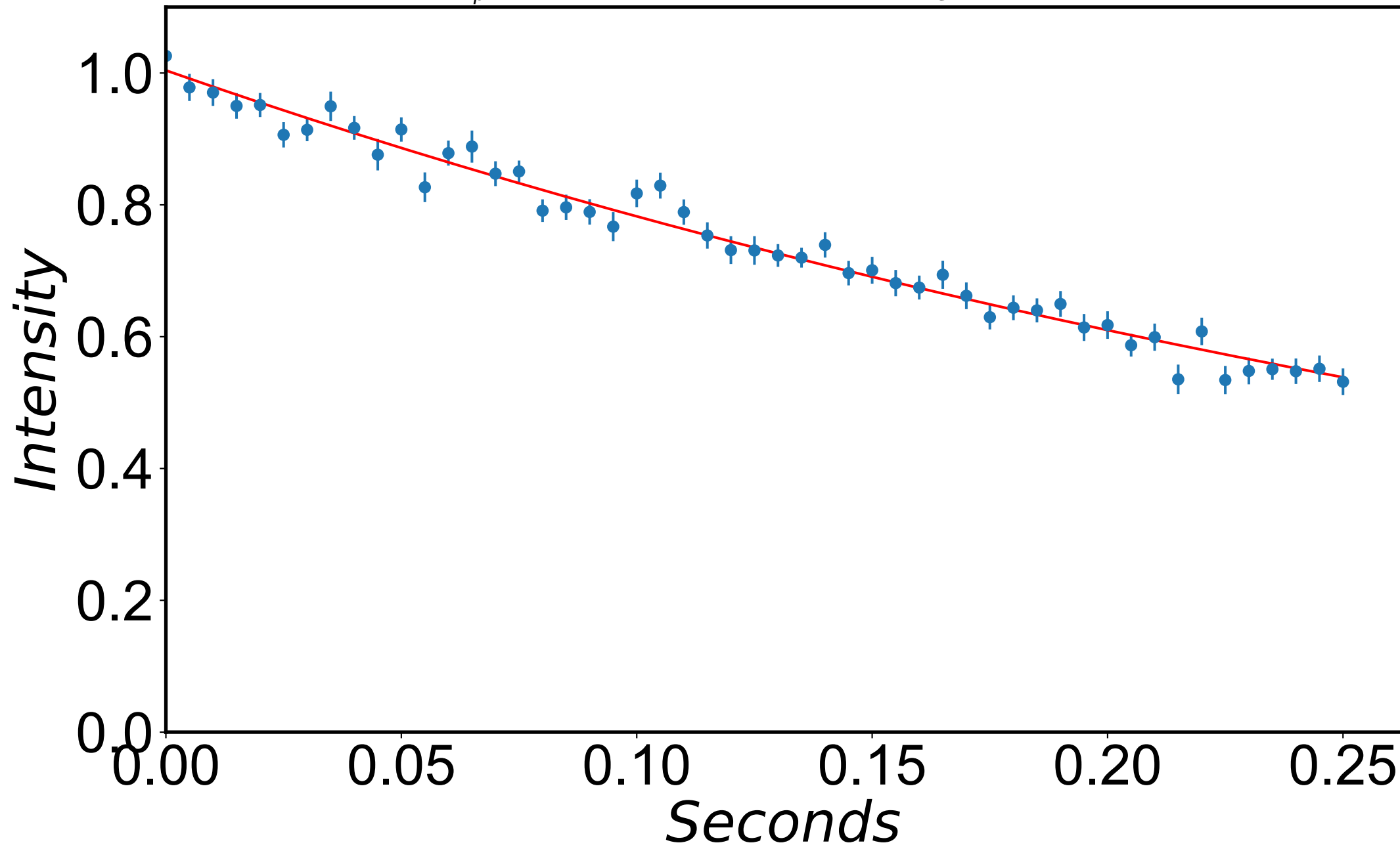
$$R_{1\rho} = 20.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 3500 \text{ Hz} \quad \Omega_{\text{eff}} = 0 \text{ Hz}$$



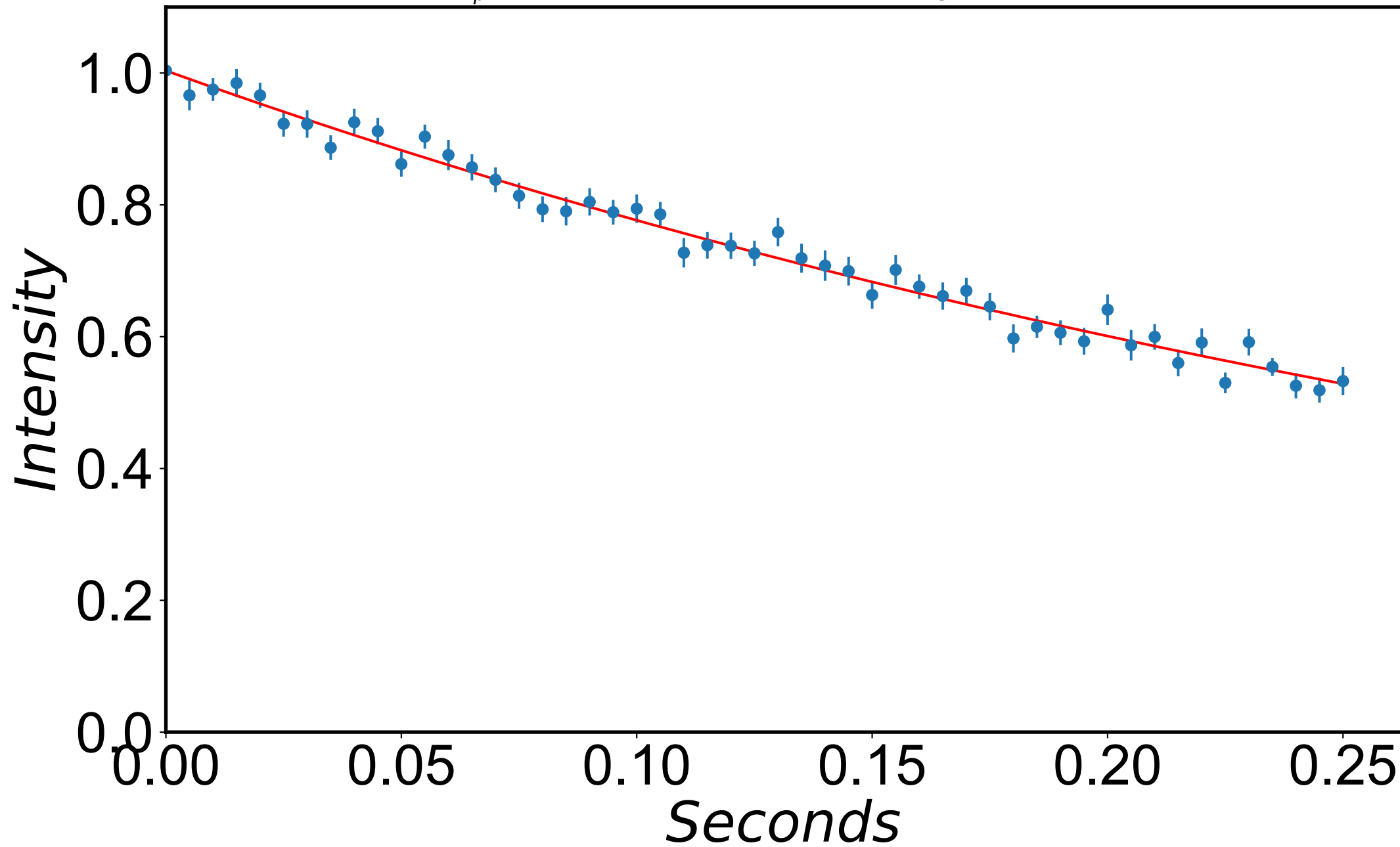
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -1000 \text{ Hz}$$



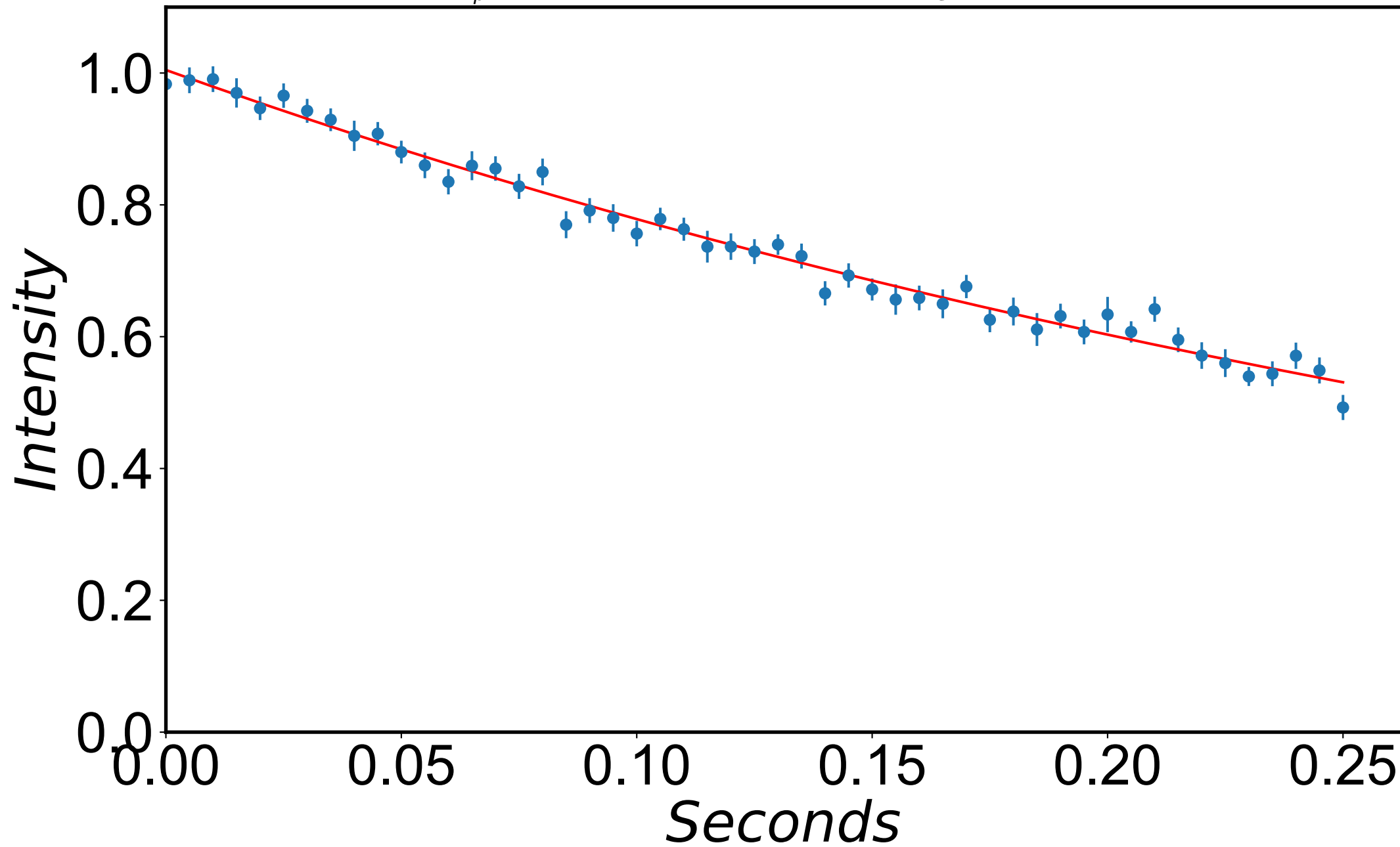
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -990 \text{ Hz}$$



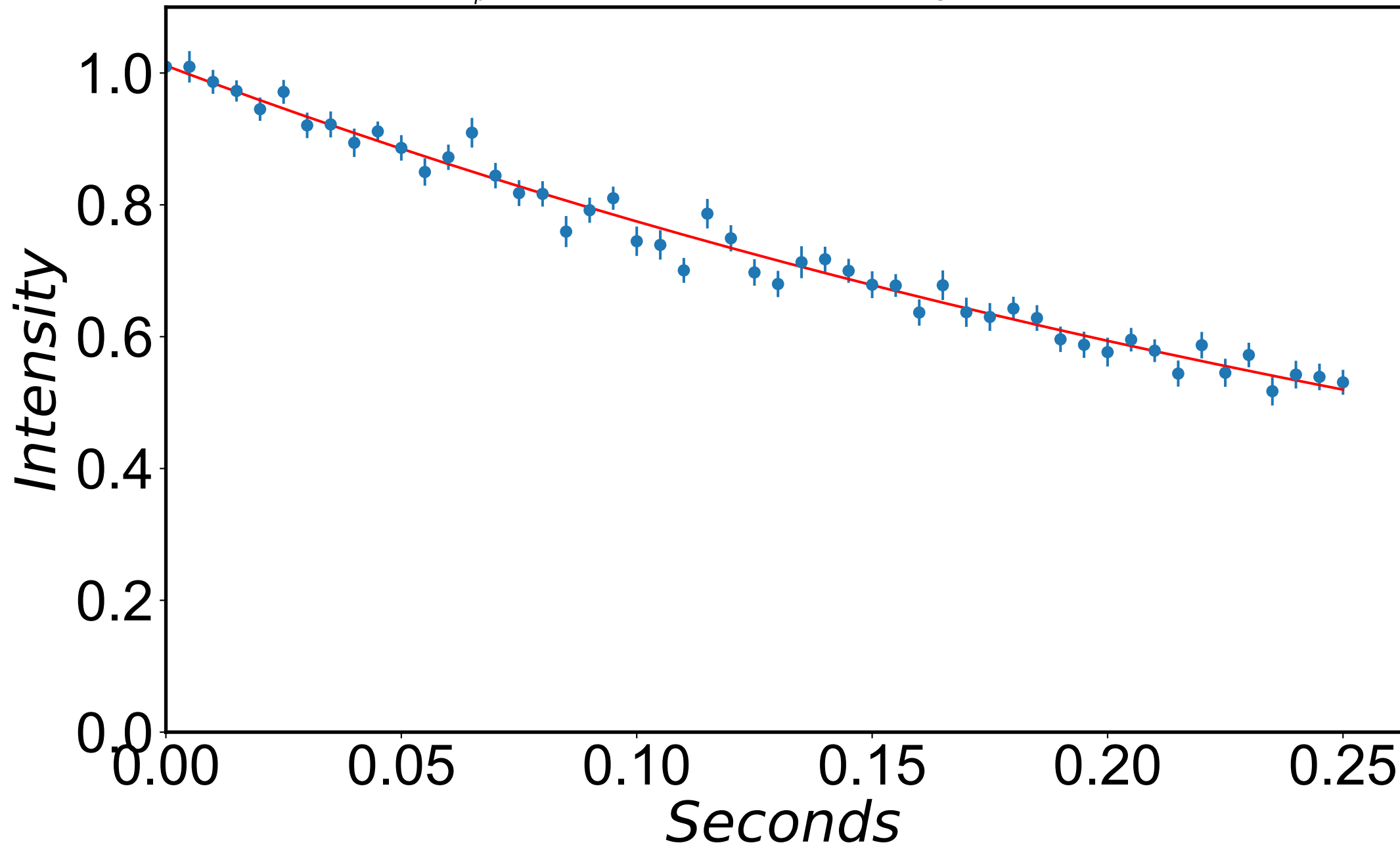
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -980 \text{ Hz}$$



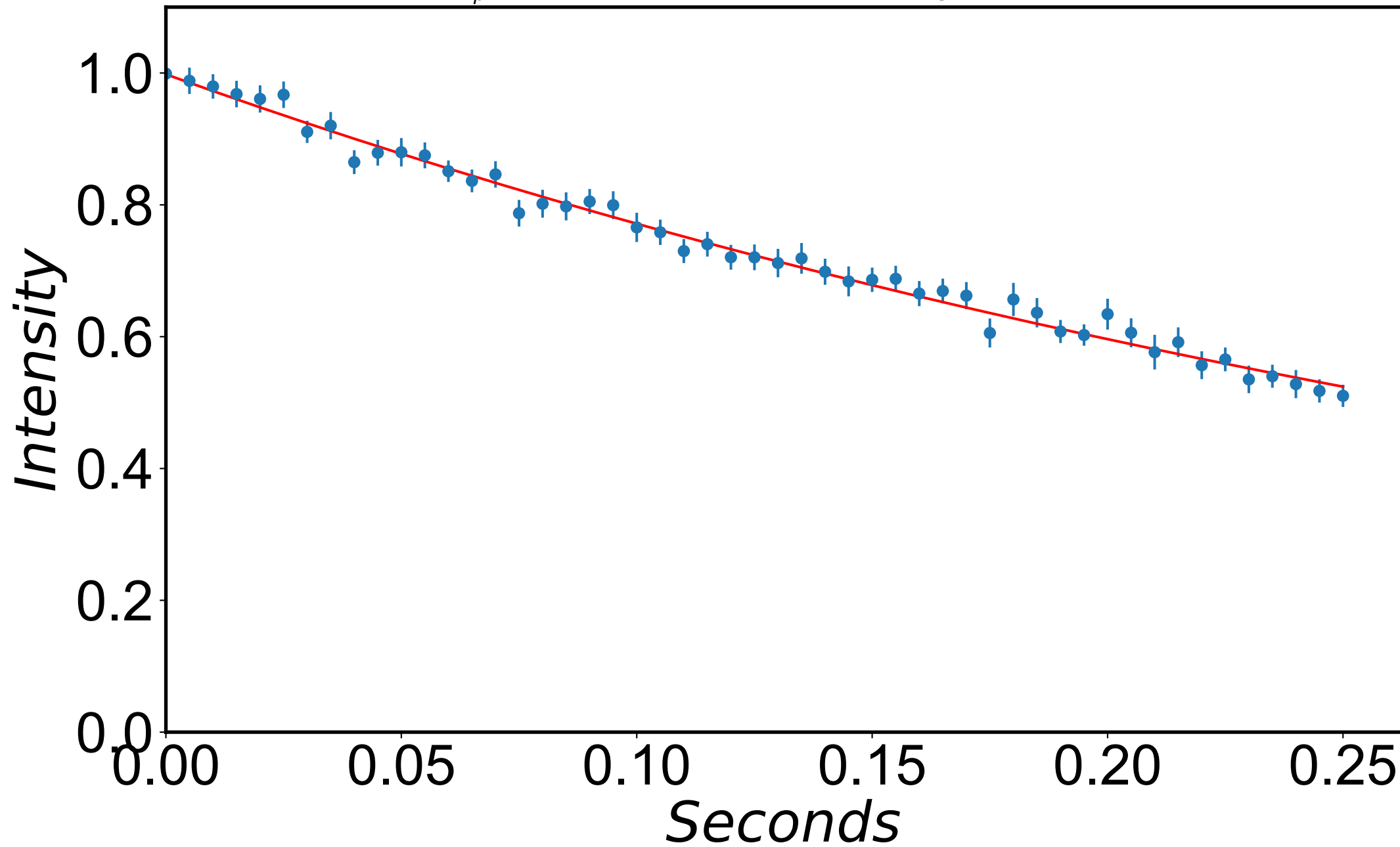
$$R_{1\rho} = 2.6 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -970 \text{ Hz}$$



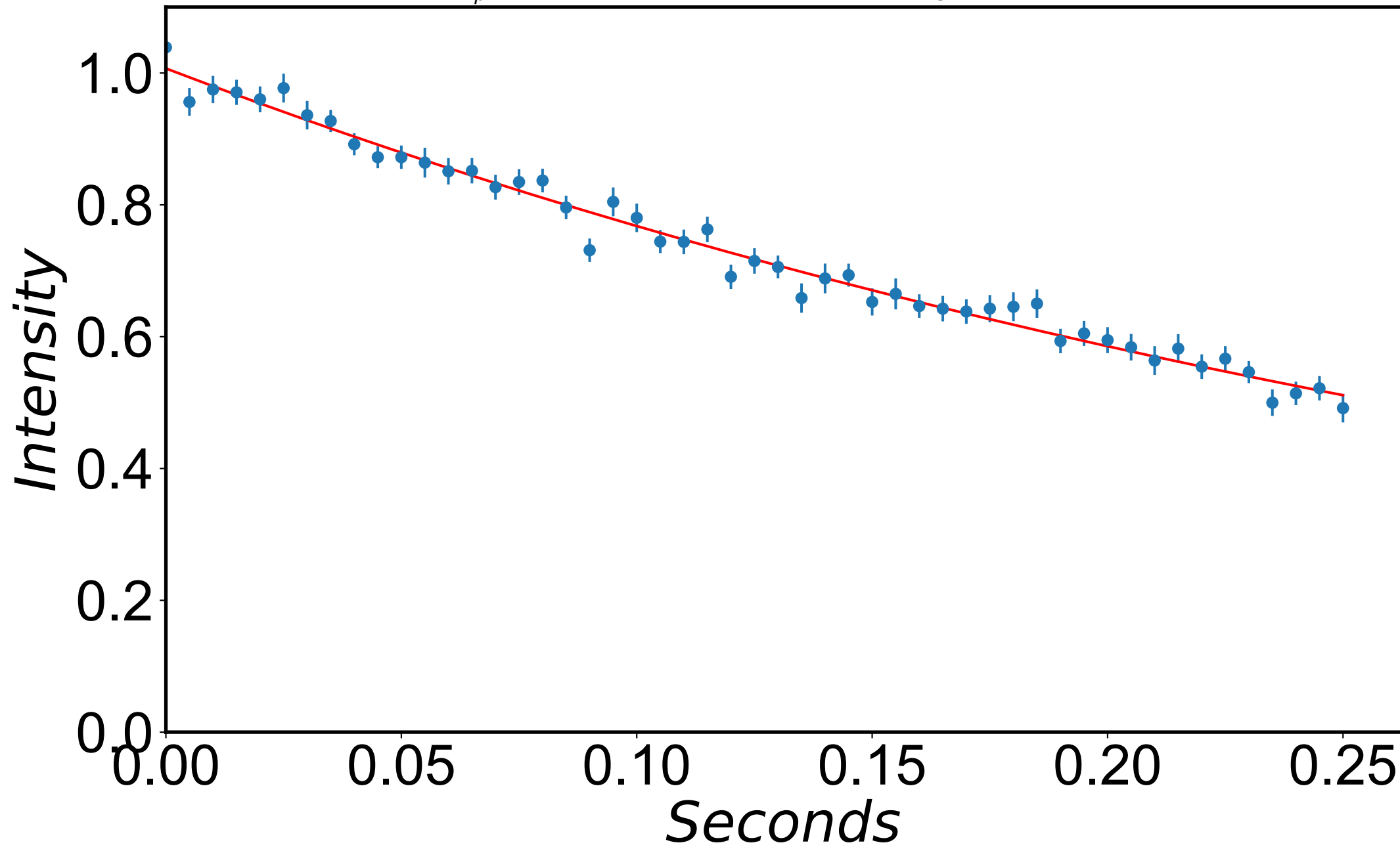
$$R_{1\rho} = 2.7 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -960 \text{ Hz}$$



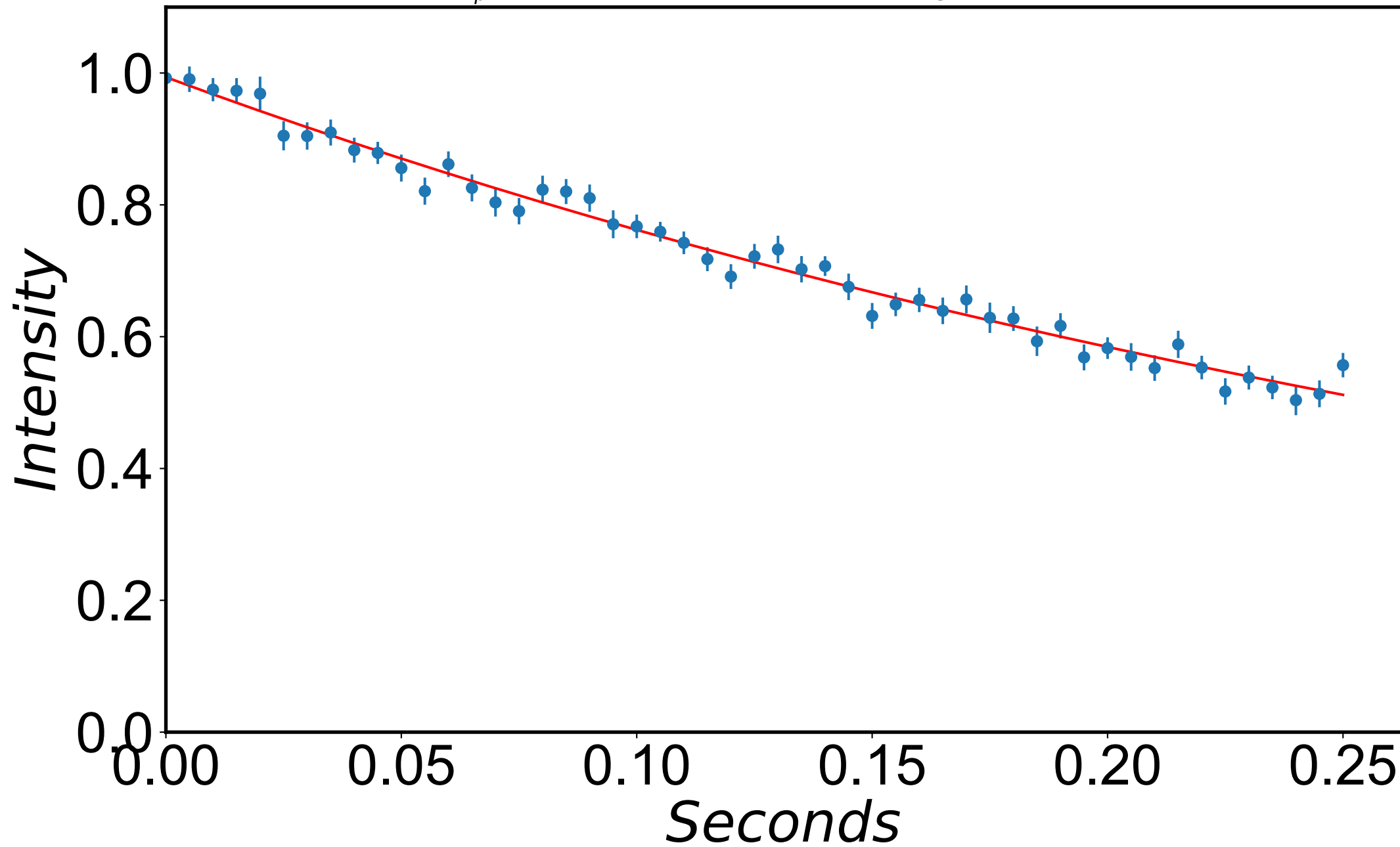
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -950 \text{ Hz}$$



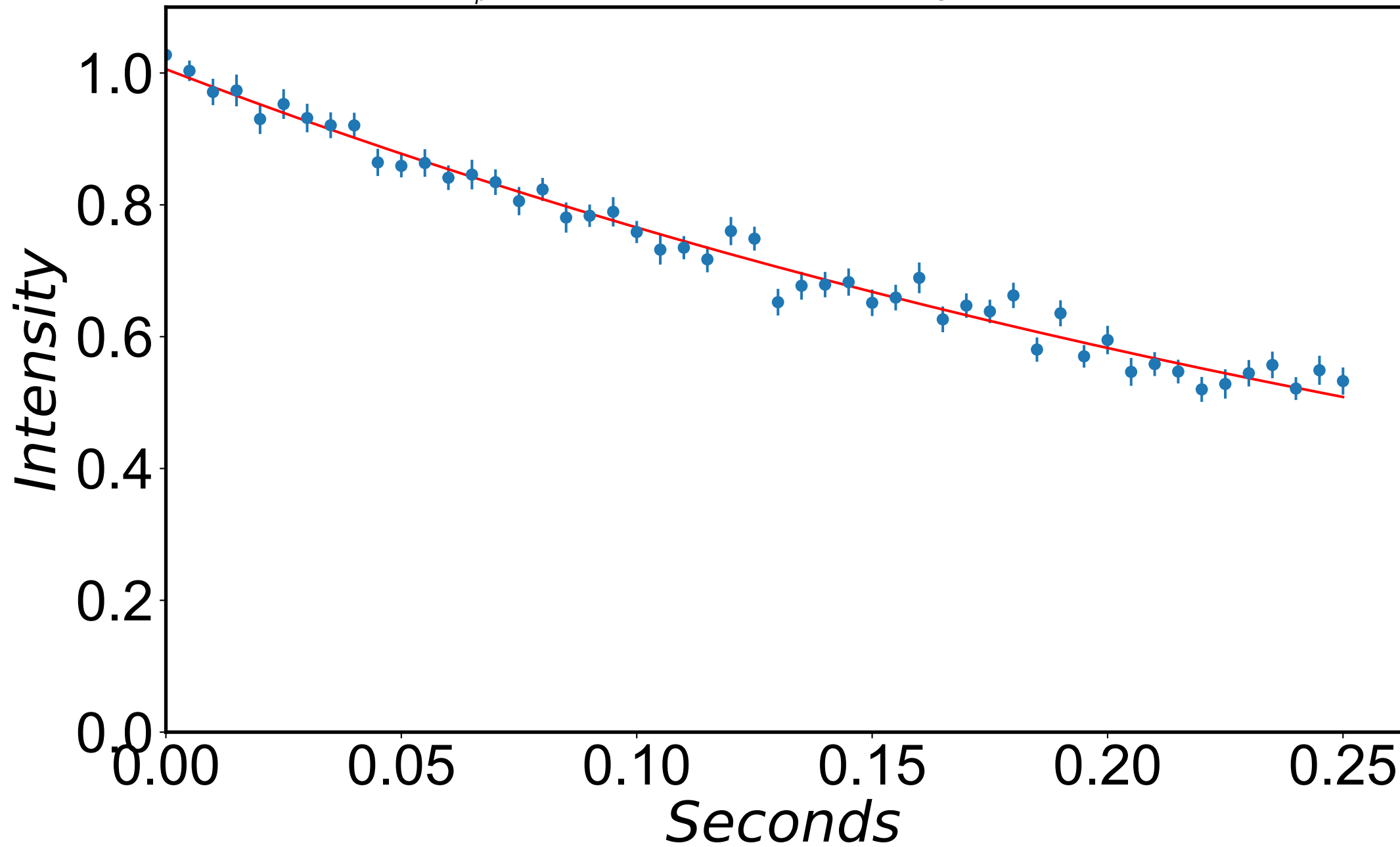
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -940 \text{ Hz}$$



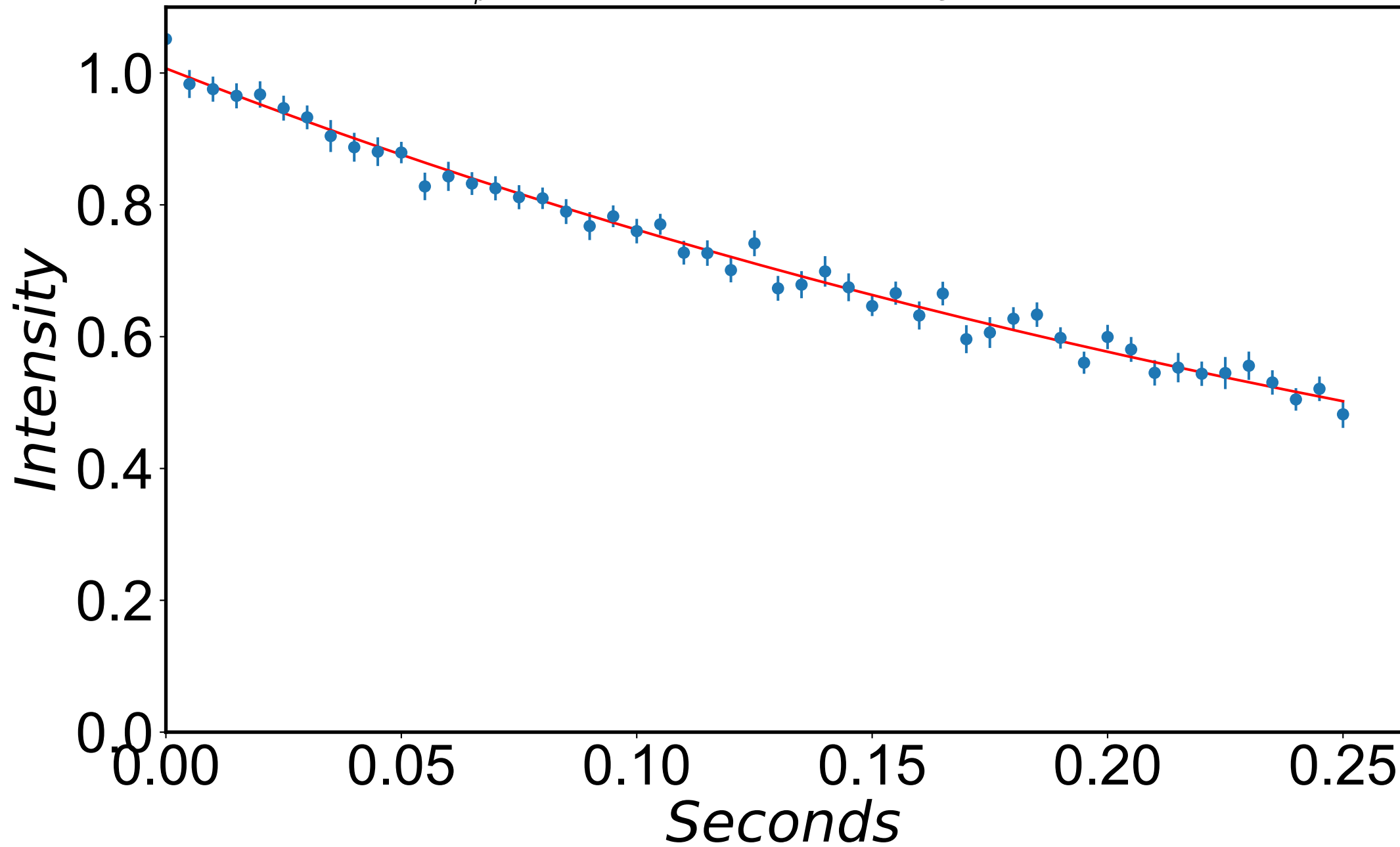
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -930 \text{ Hz}$$



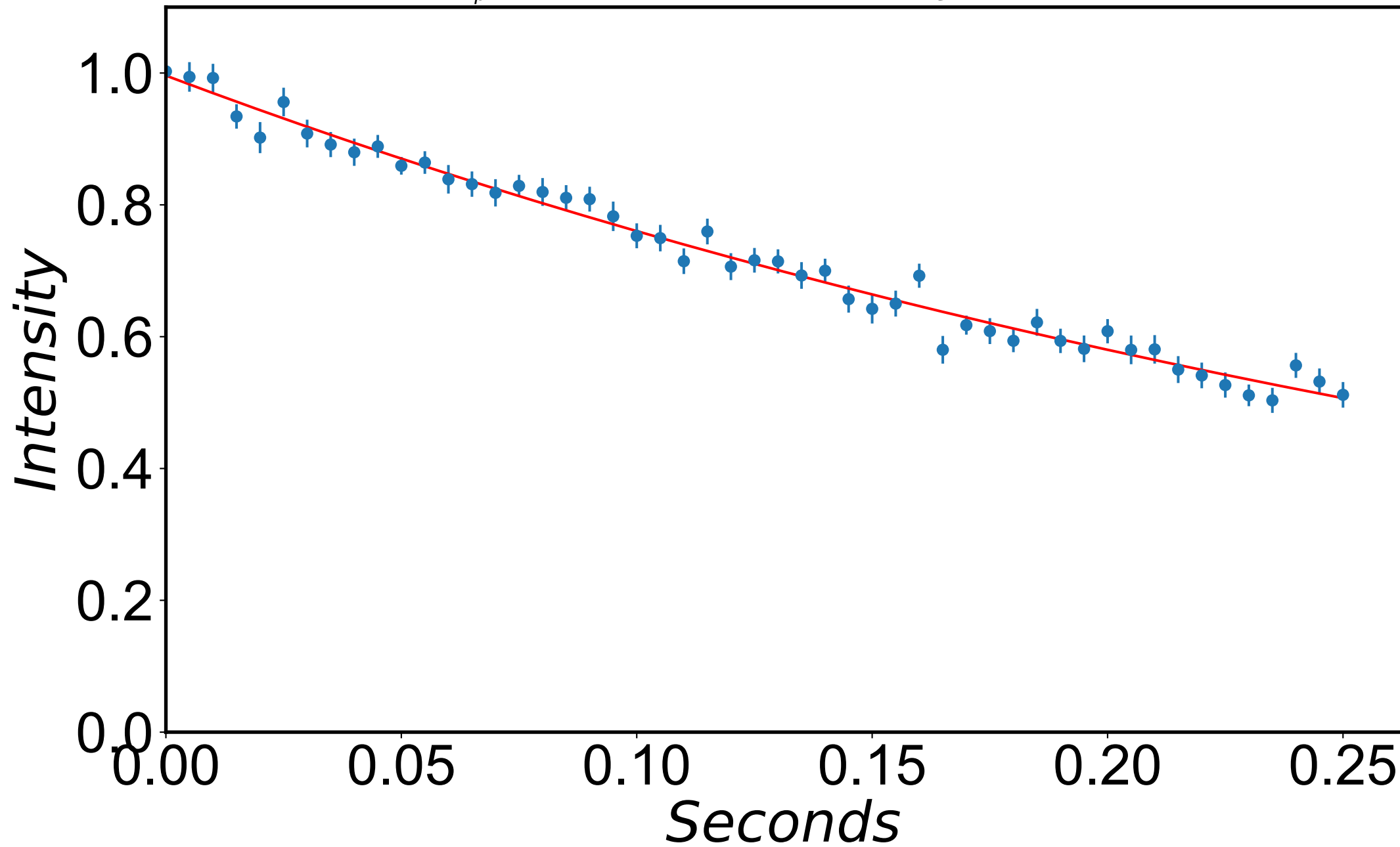
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -920 \text{ Hz}$$



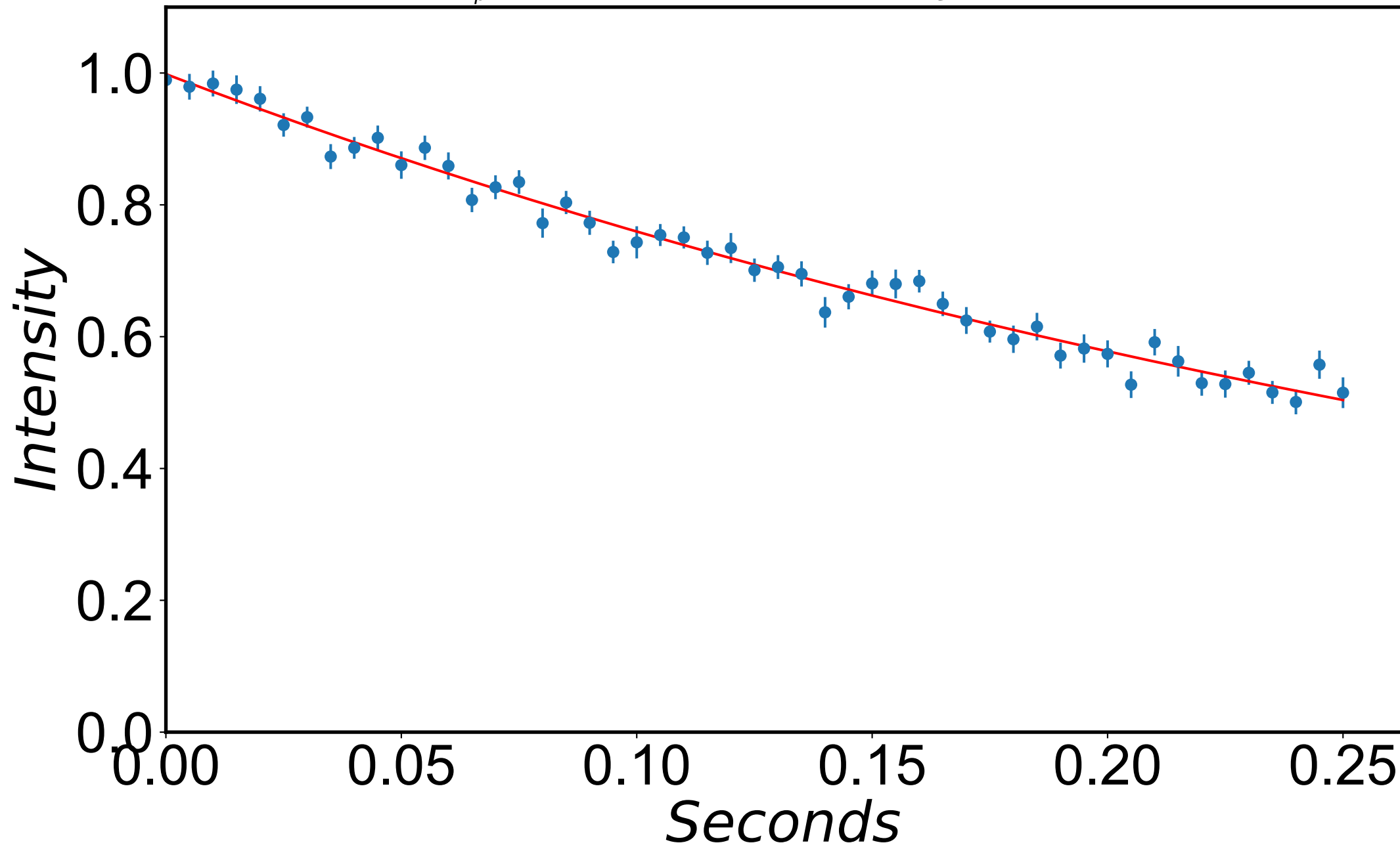
$$R_{1\rho} = 2.8 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -910 \text{ Hz}$$



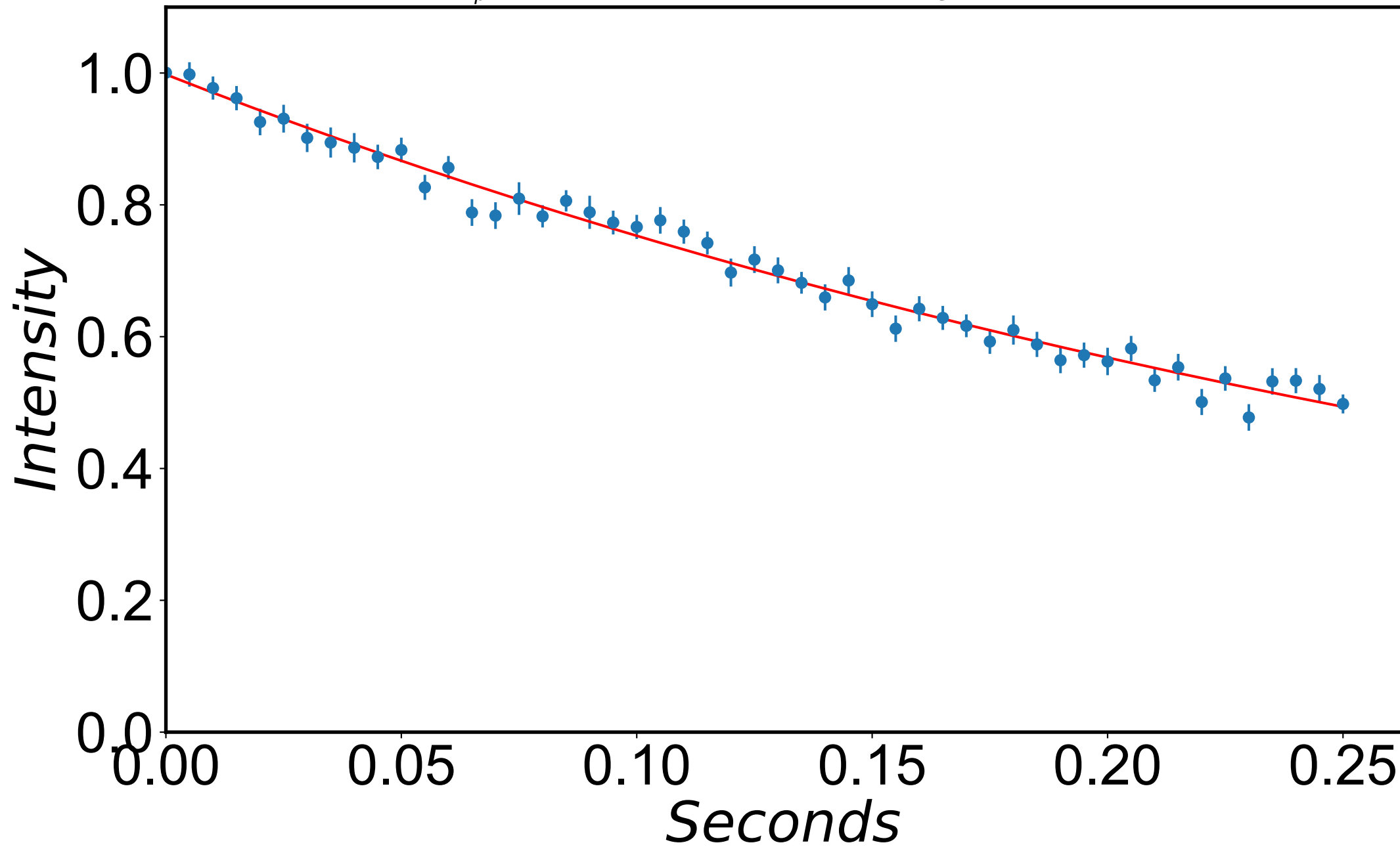
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -899 \text{ Hz}$$



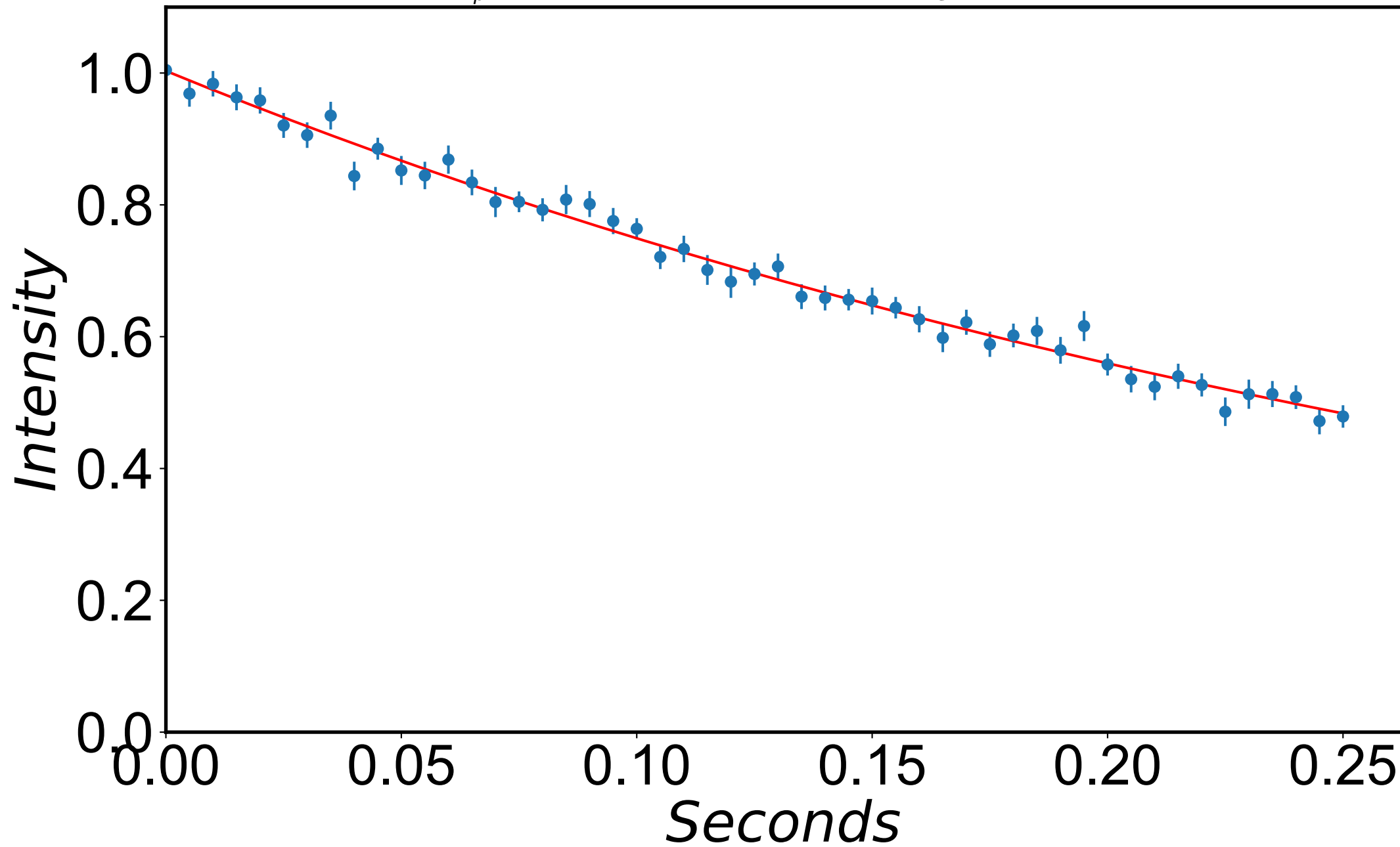
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -889 \text{ Hz}$$



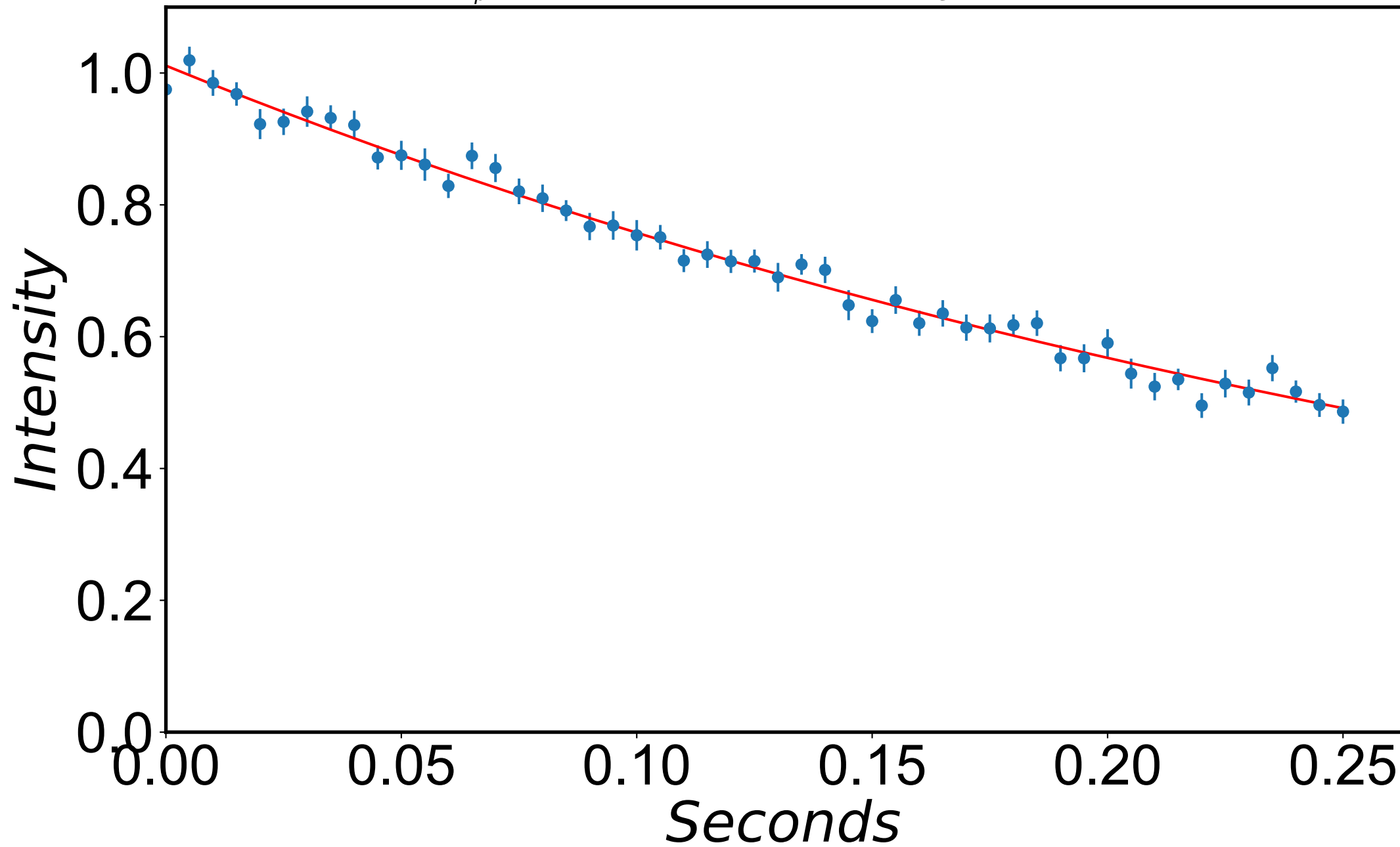
$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -879 \text{ Hz}$$



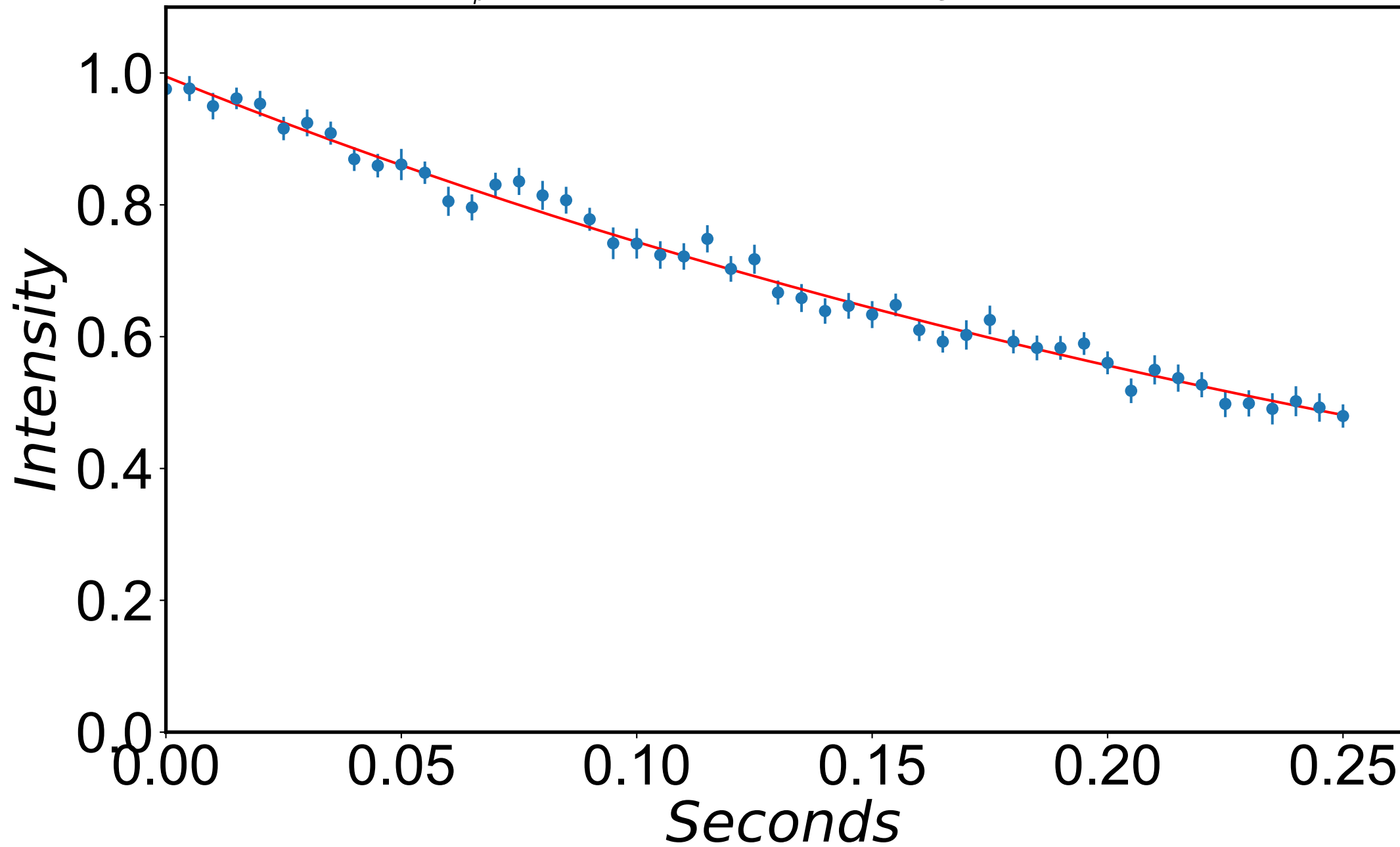
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -869 \text{ Hz}$$



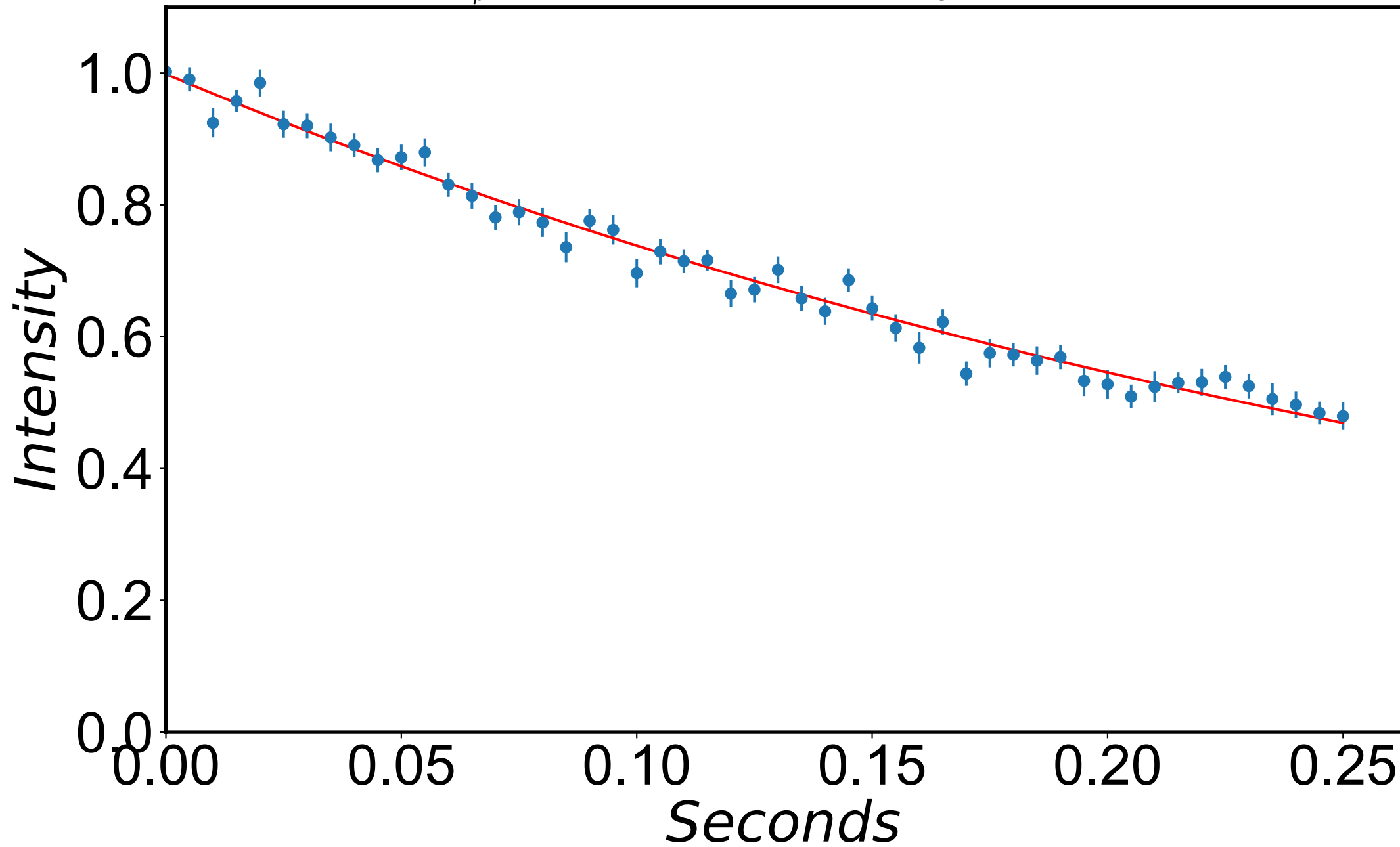
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -859 \text{ Hz}$$



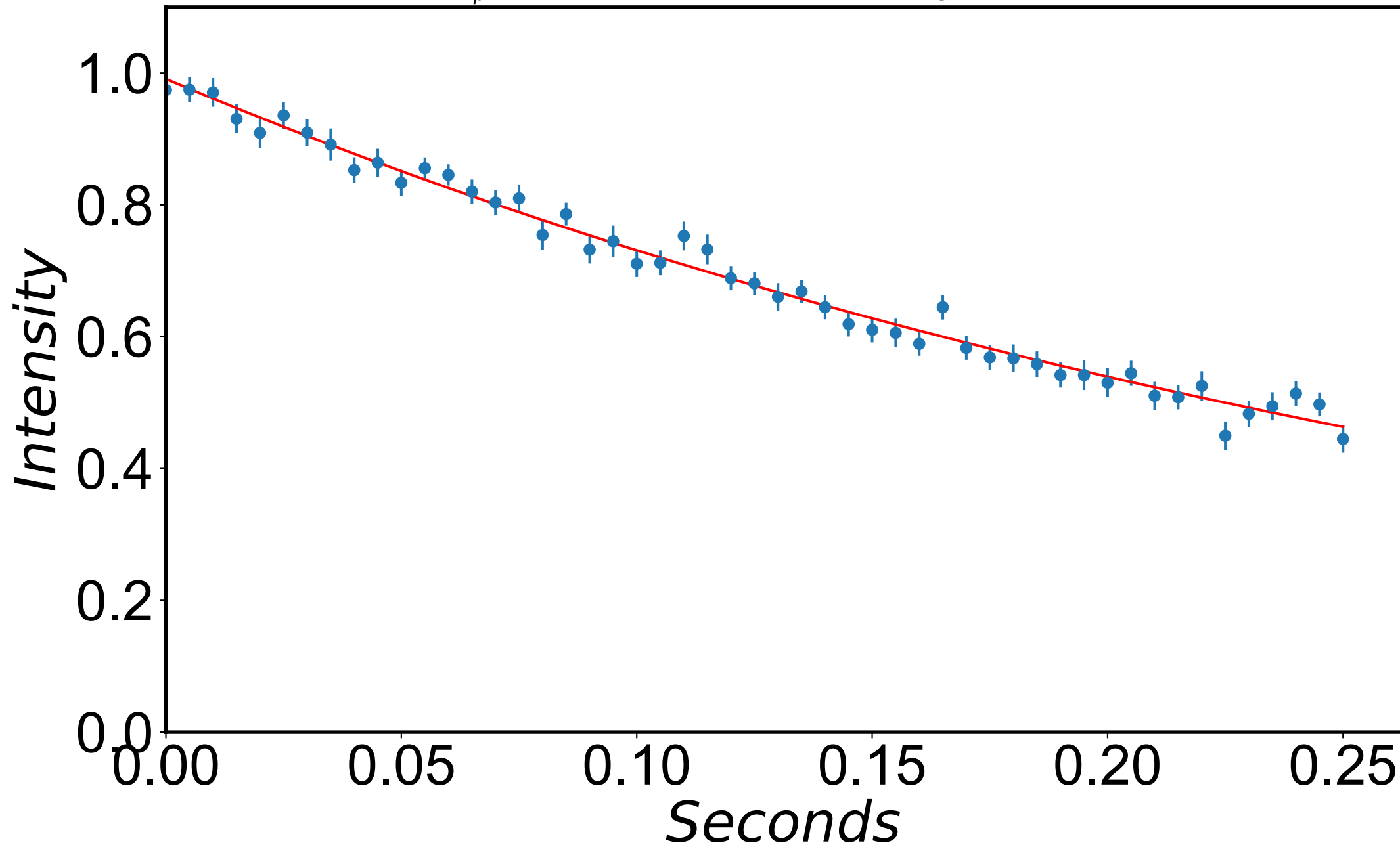
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -849 \text{ Hz}$$



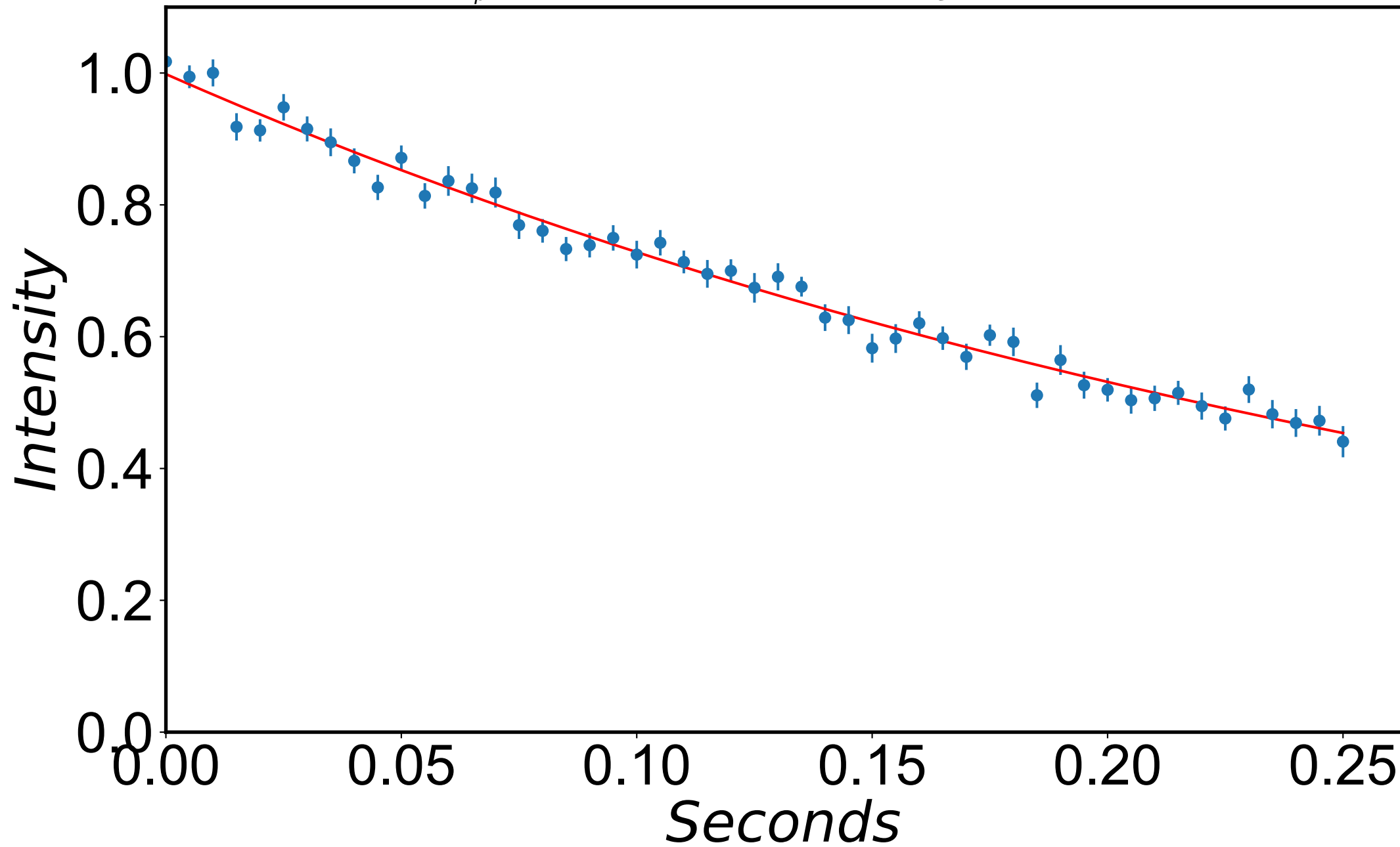
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -839 \text{ Hz}$$



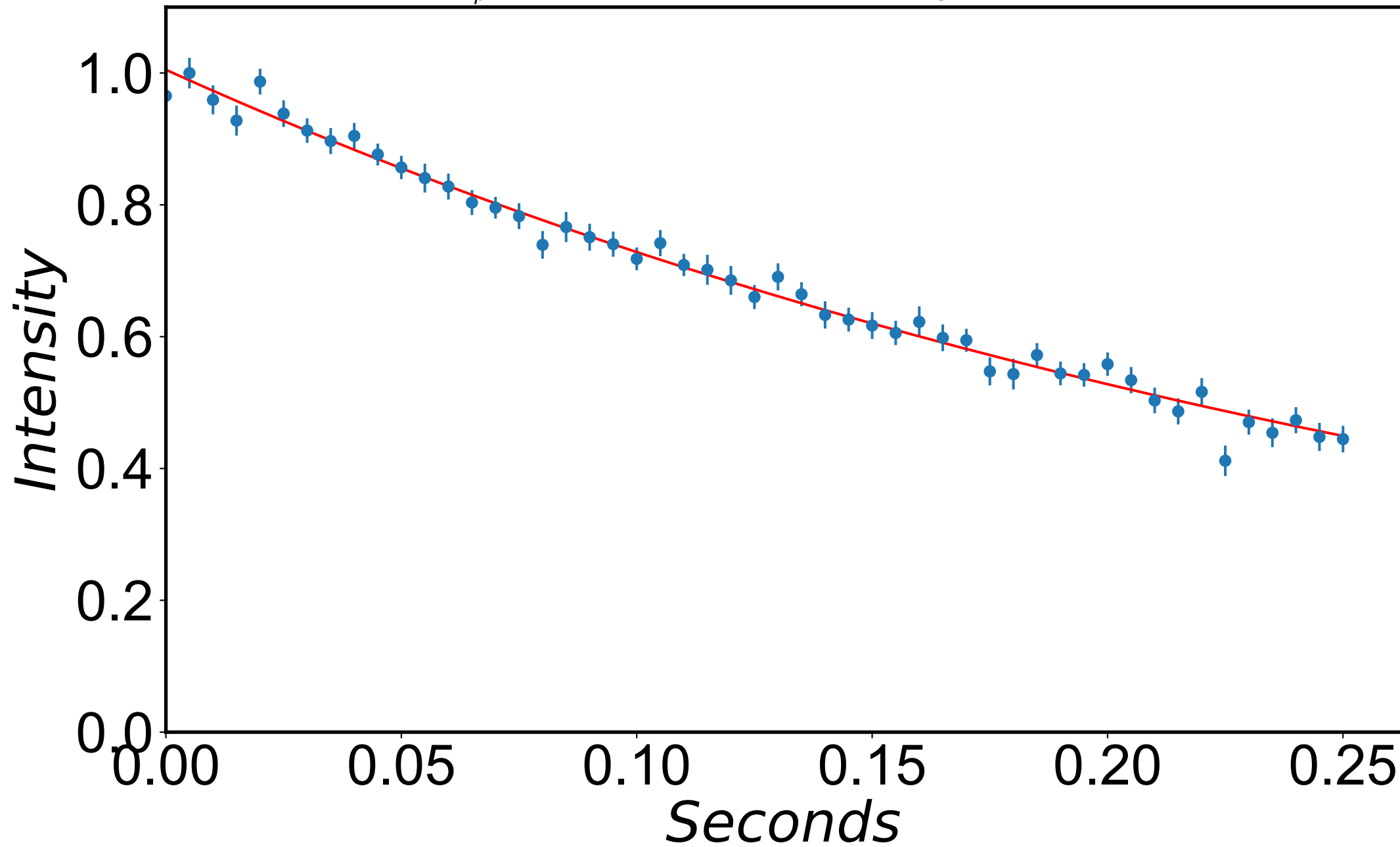
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -829 \text{ Hz}$$



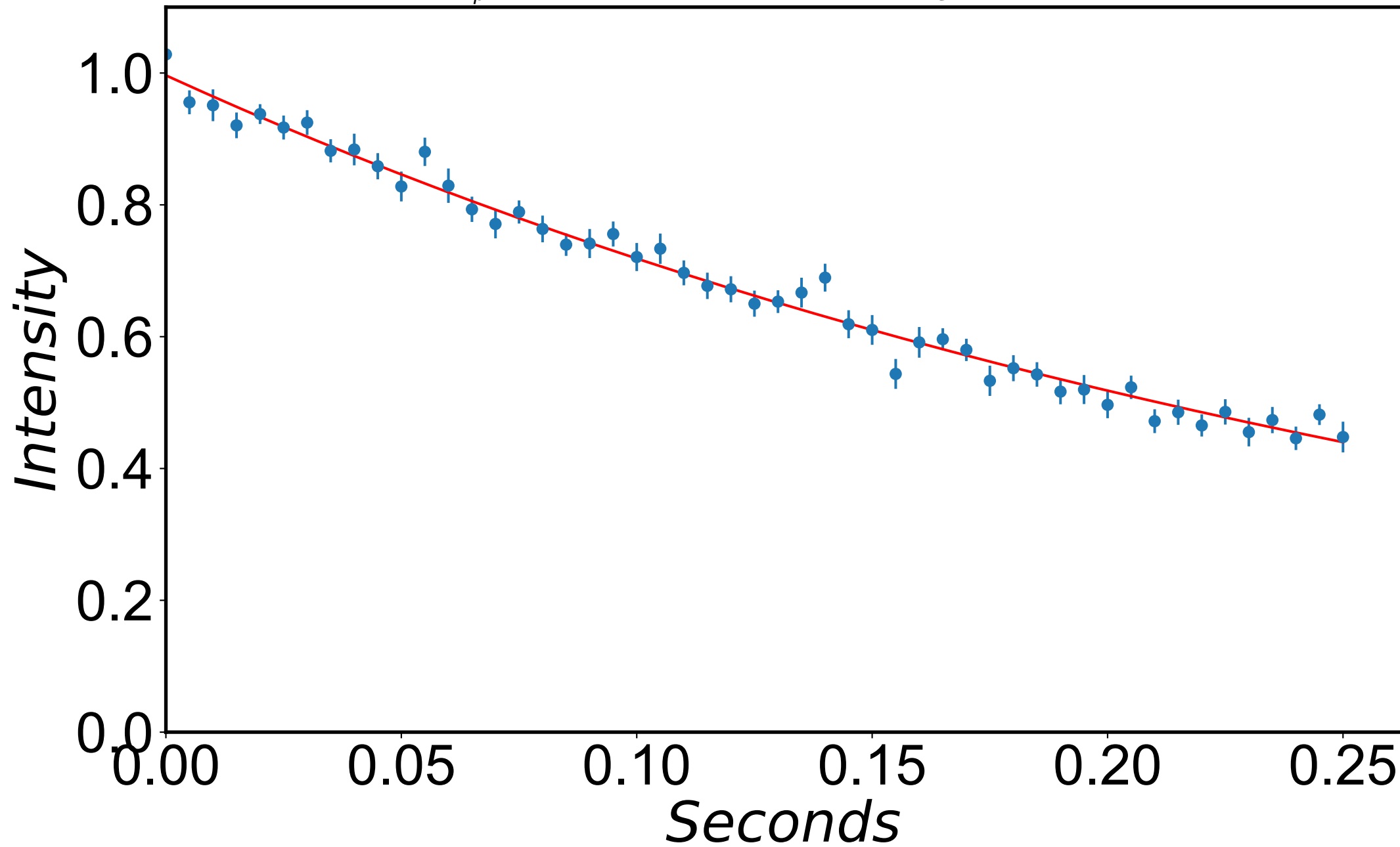
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -819 \text{ Hz}$$



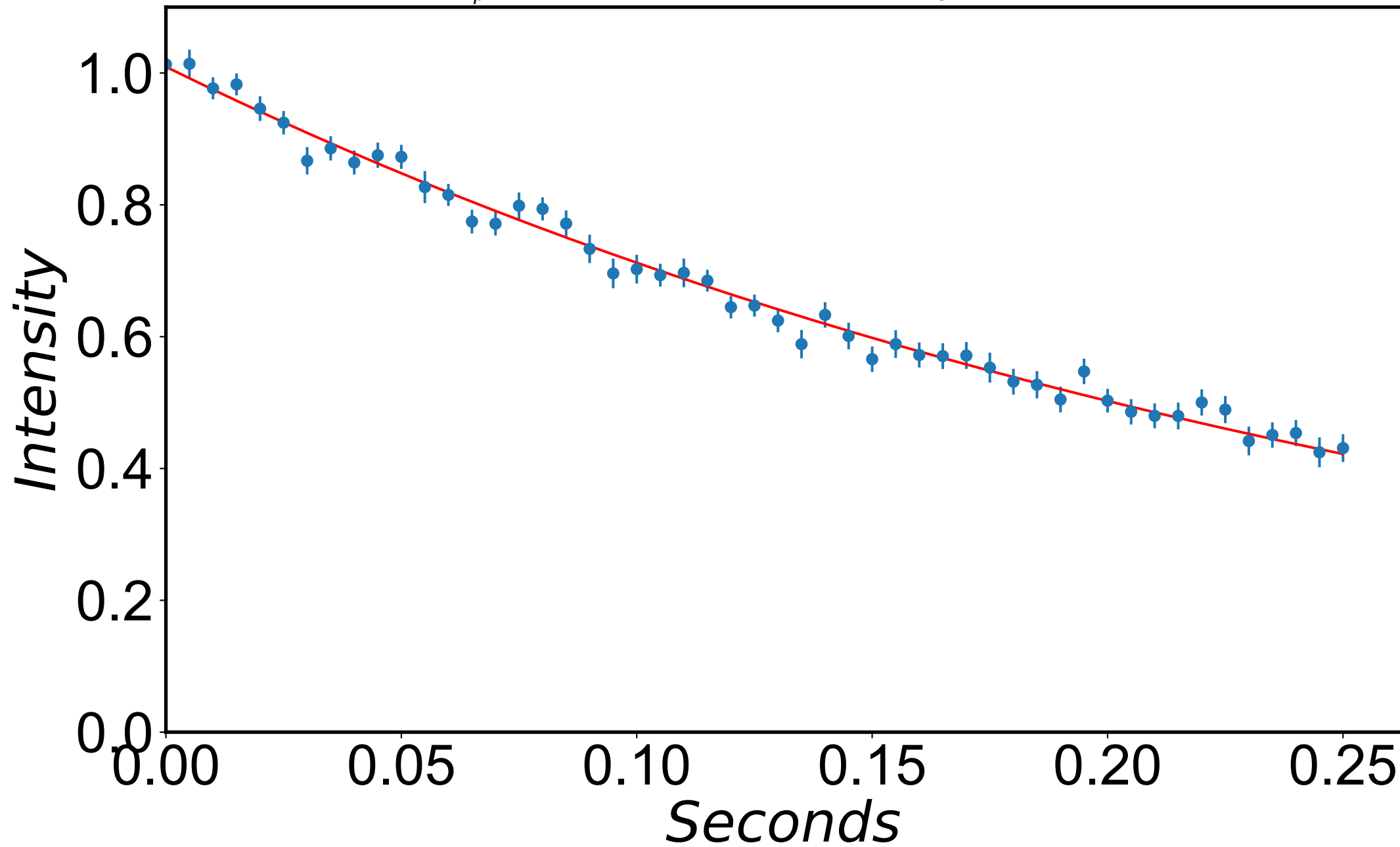
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -809 \text{ Hz}$$



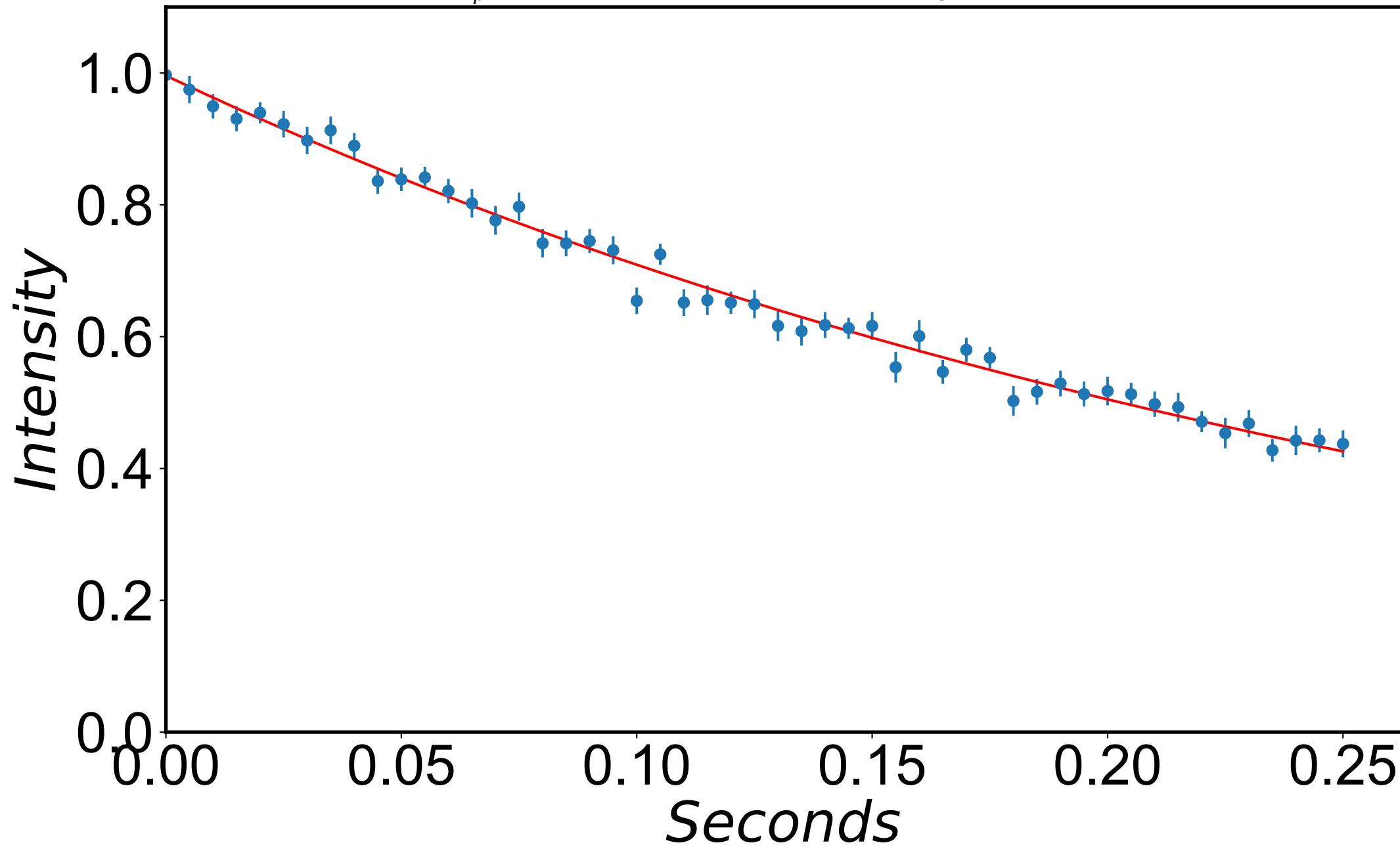
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -799 \text{ Hz}$$



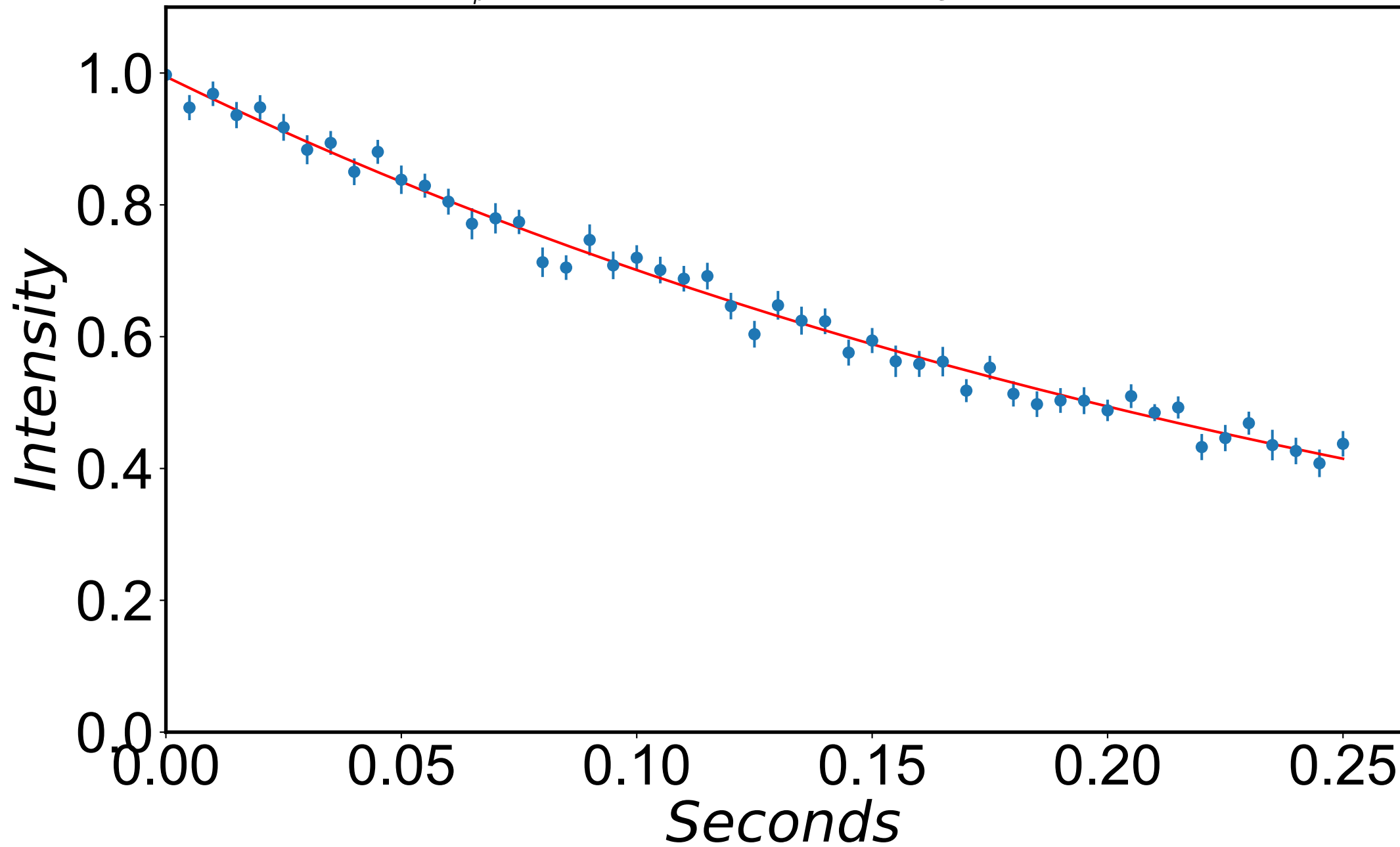
$$R_{1\rho} = 3.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -789 \text{ Hz}$$



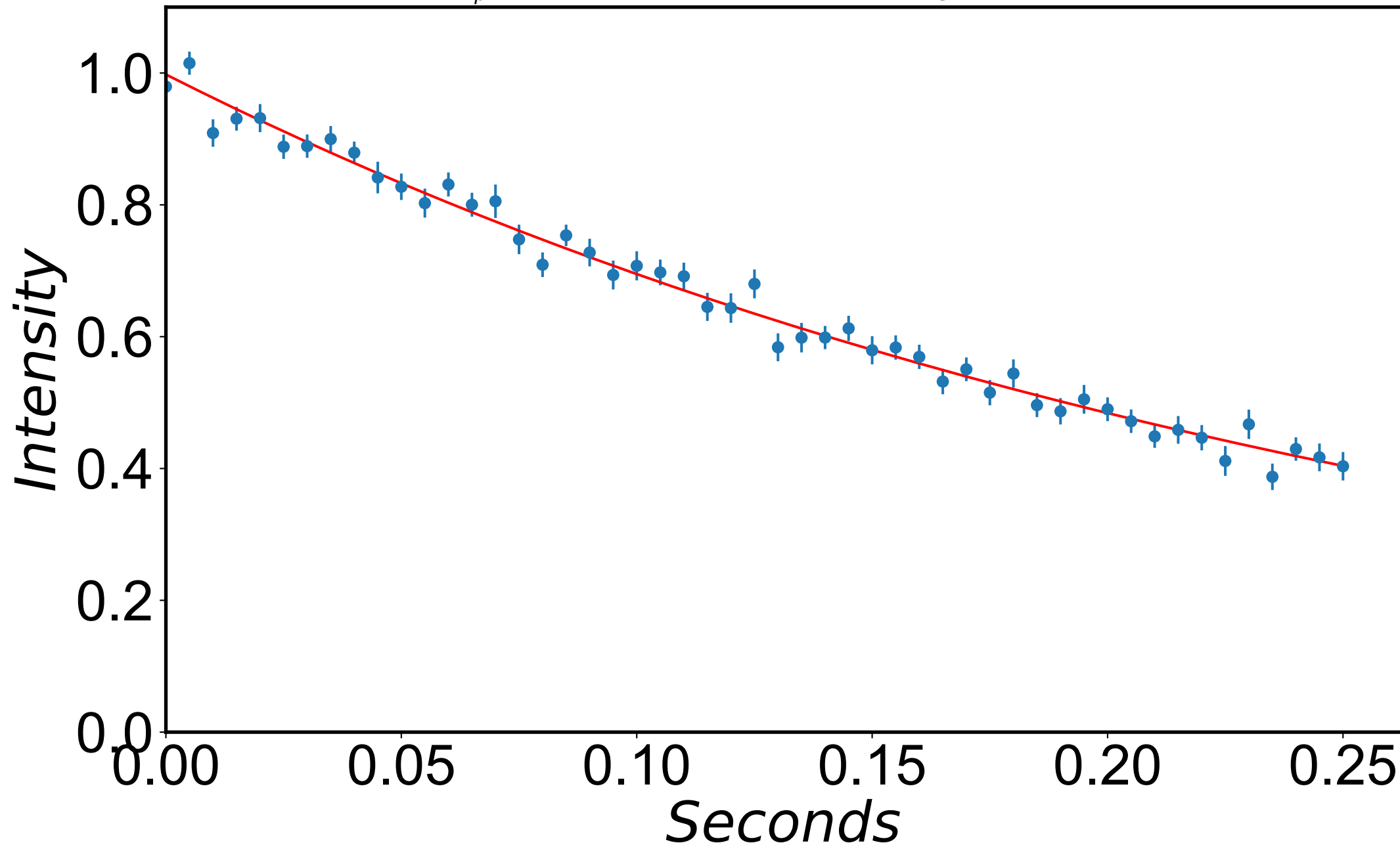
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -779 \text{ Hz}$$



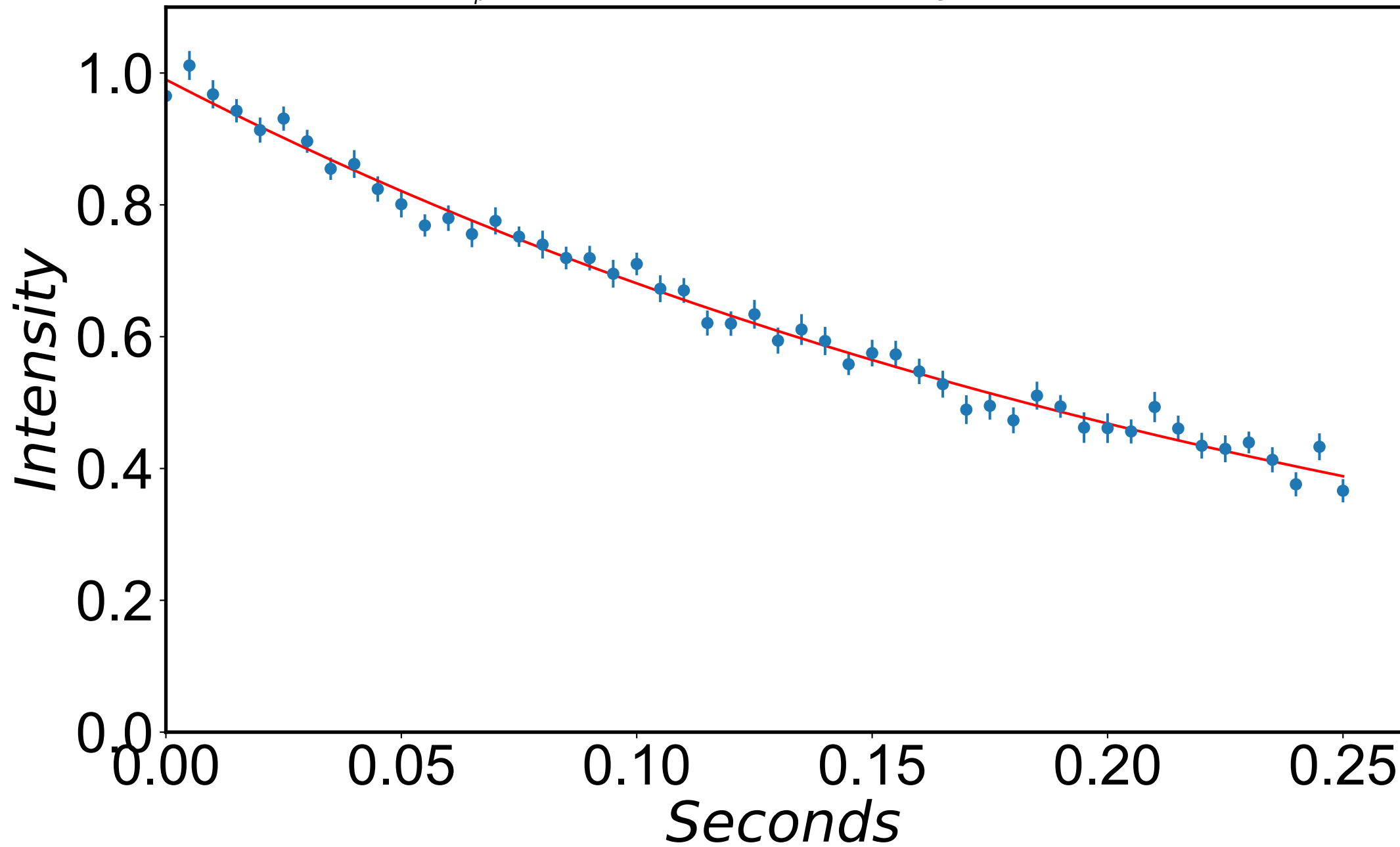
$$R_{1\rho} = 3.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -769 \text{ Hz}$$



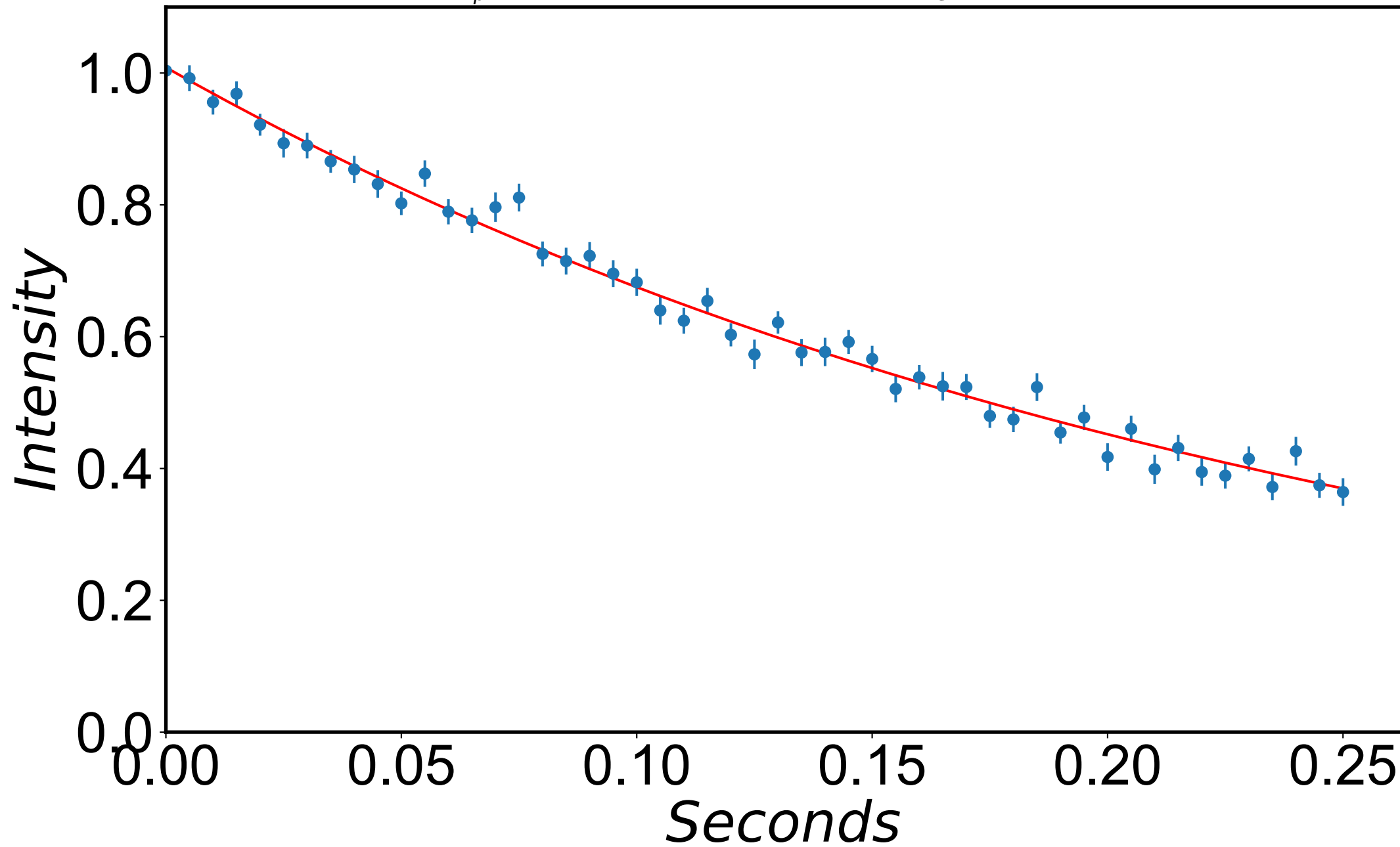
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -759 \text{ Hz}$$



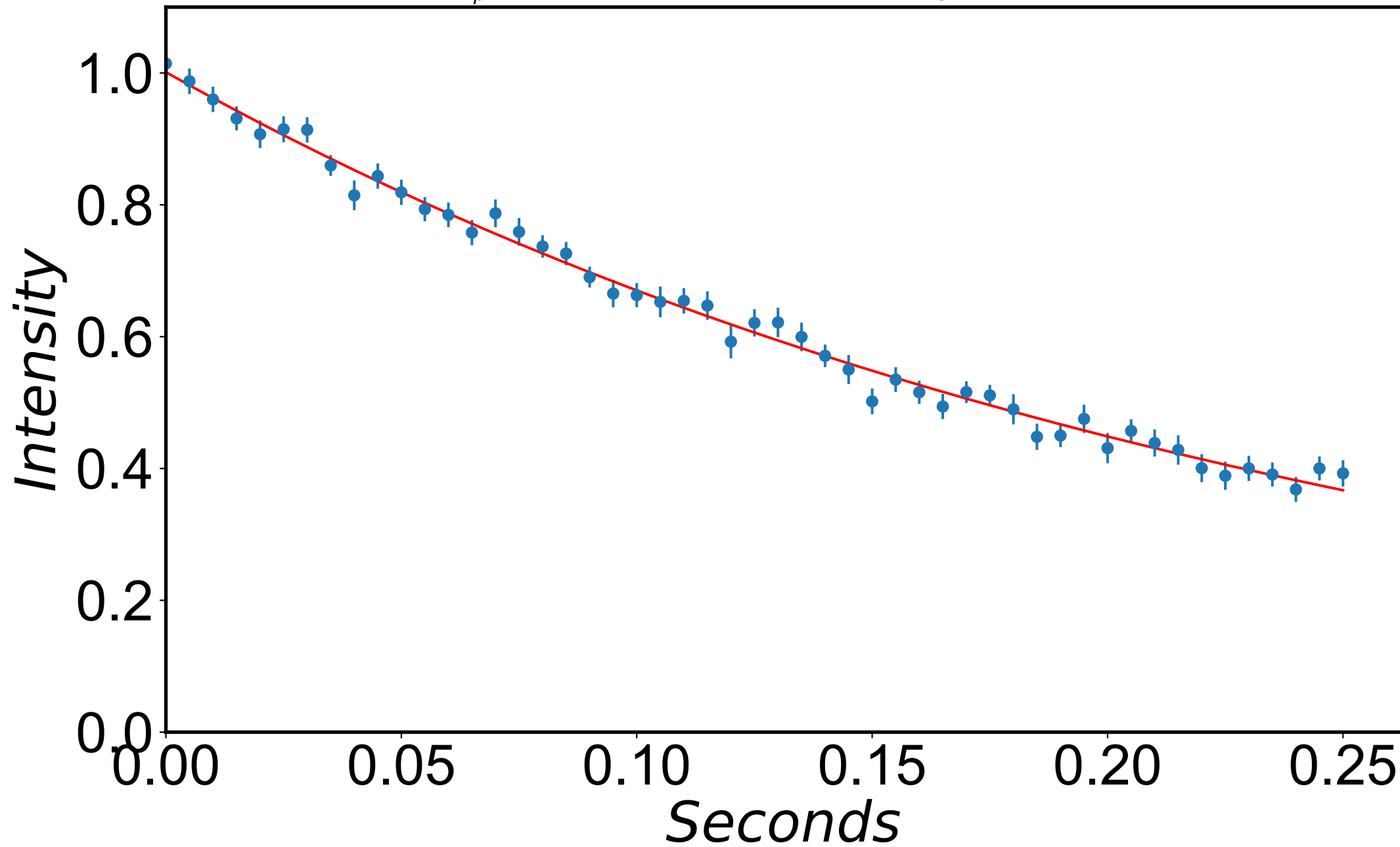
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -749 \text{ Hz}$$



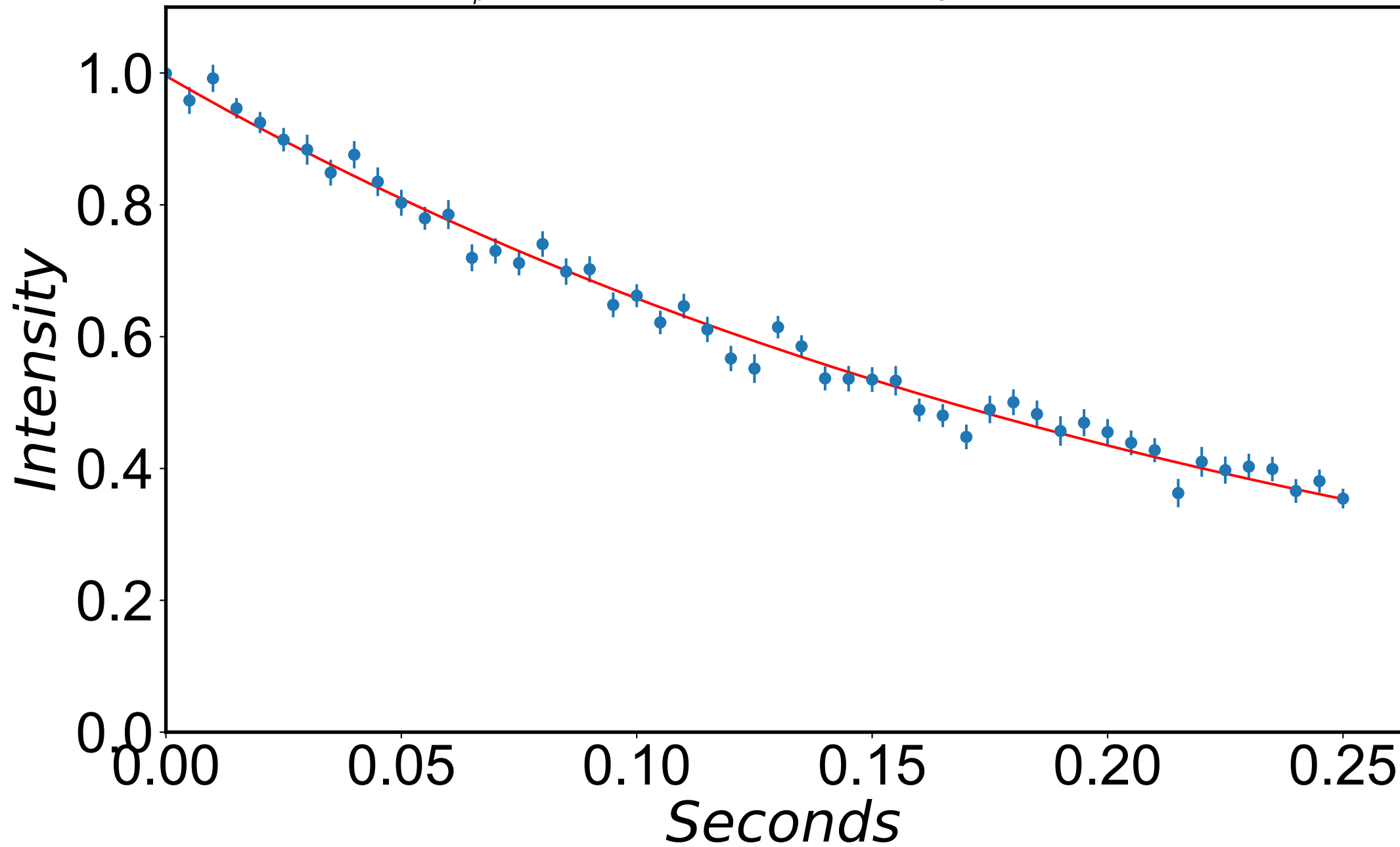
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -739 \text{ Hz}$$



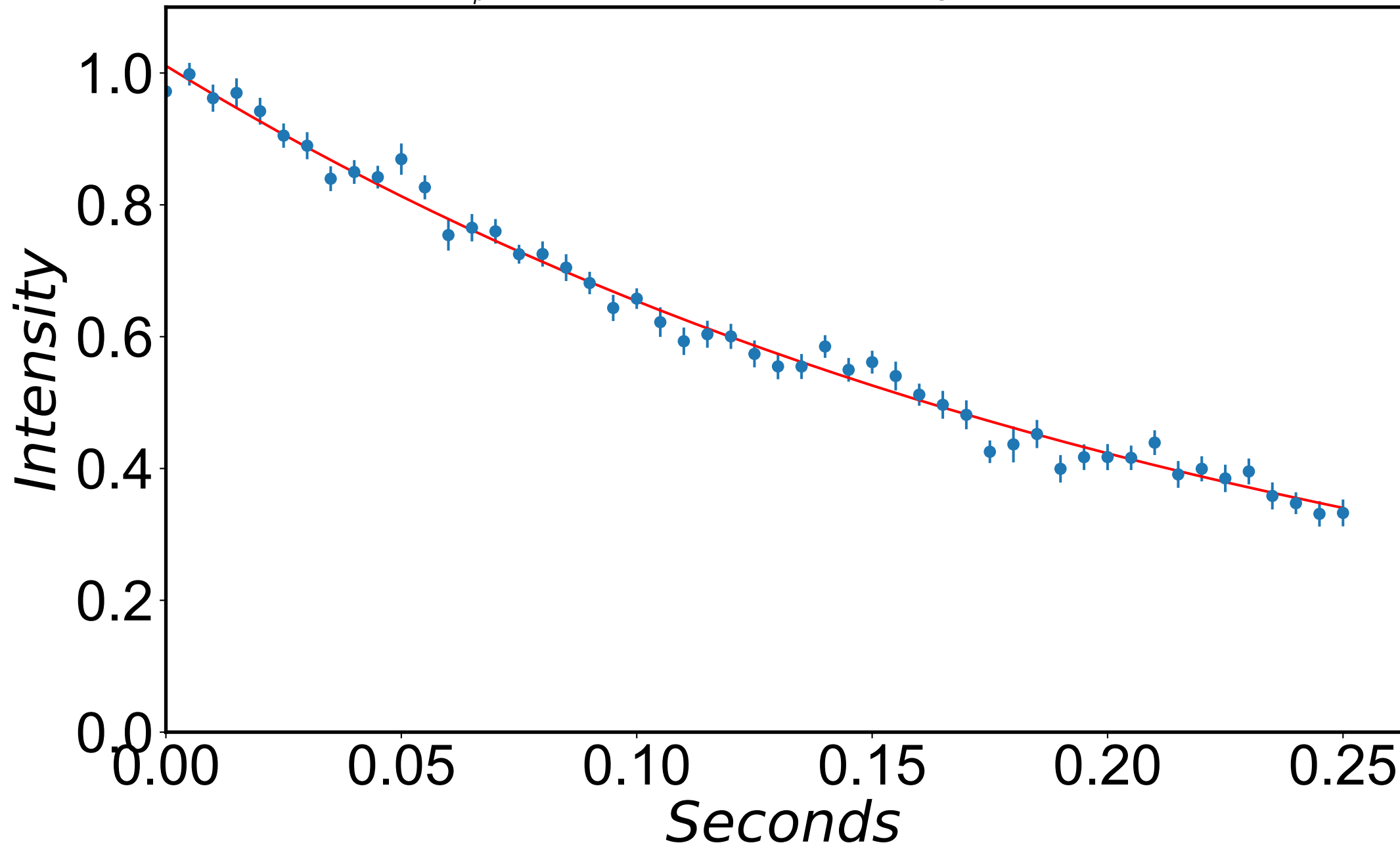
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -729 \text{ Hz}$$



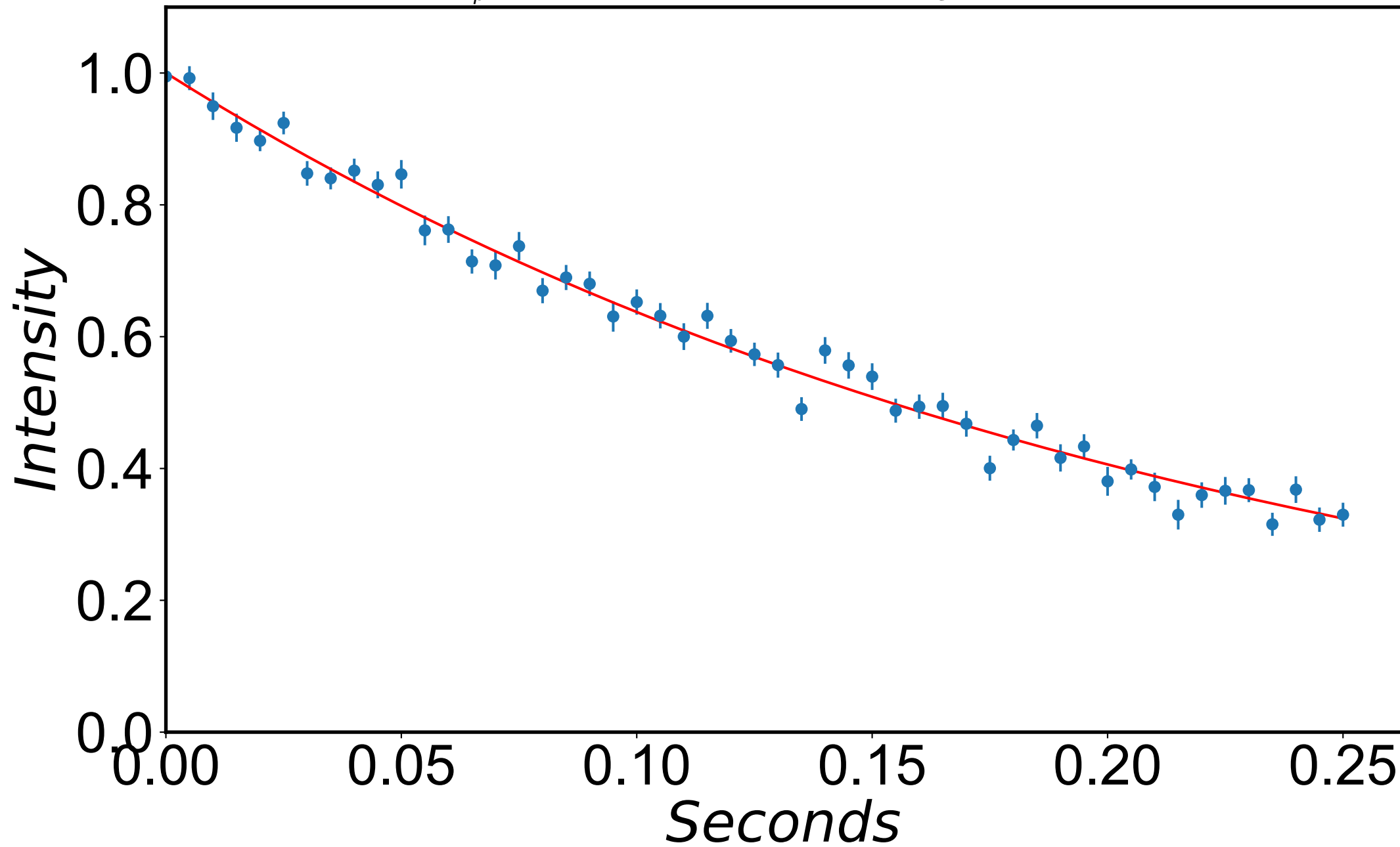
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -719 \text{ Hz}$$



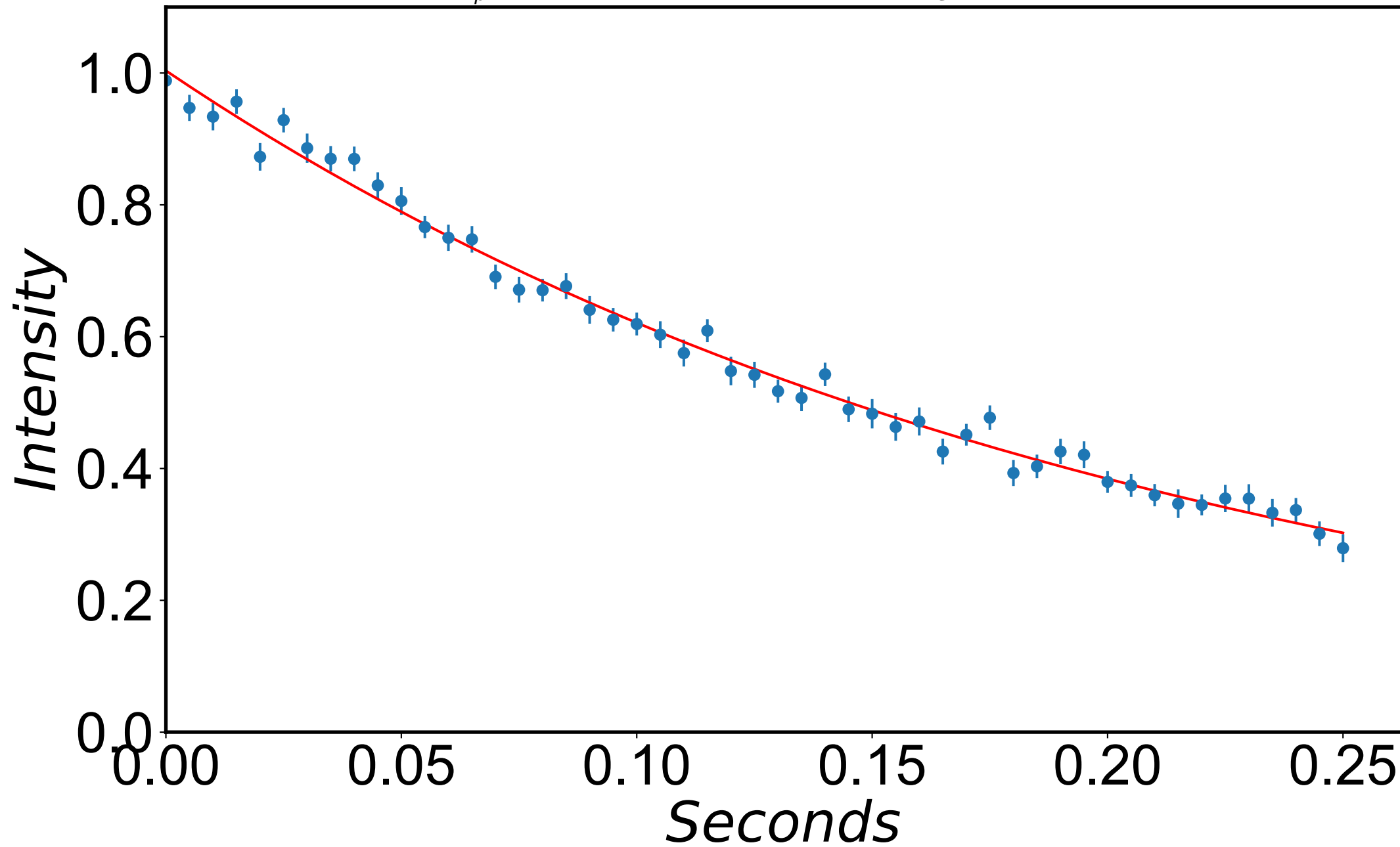
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -709 \text{ Hz}$$



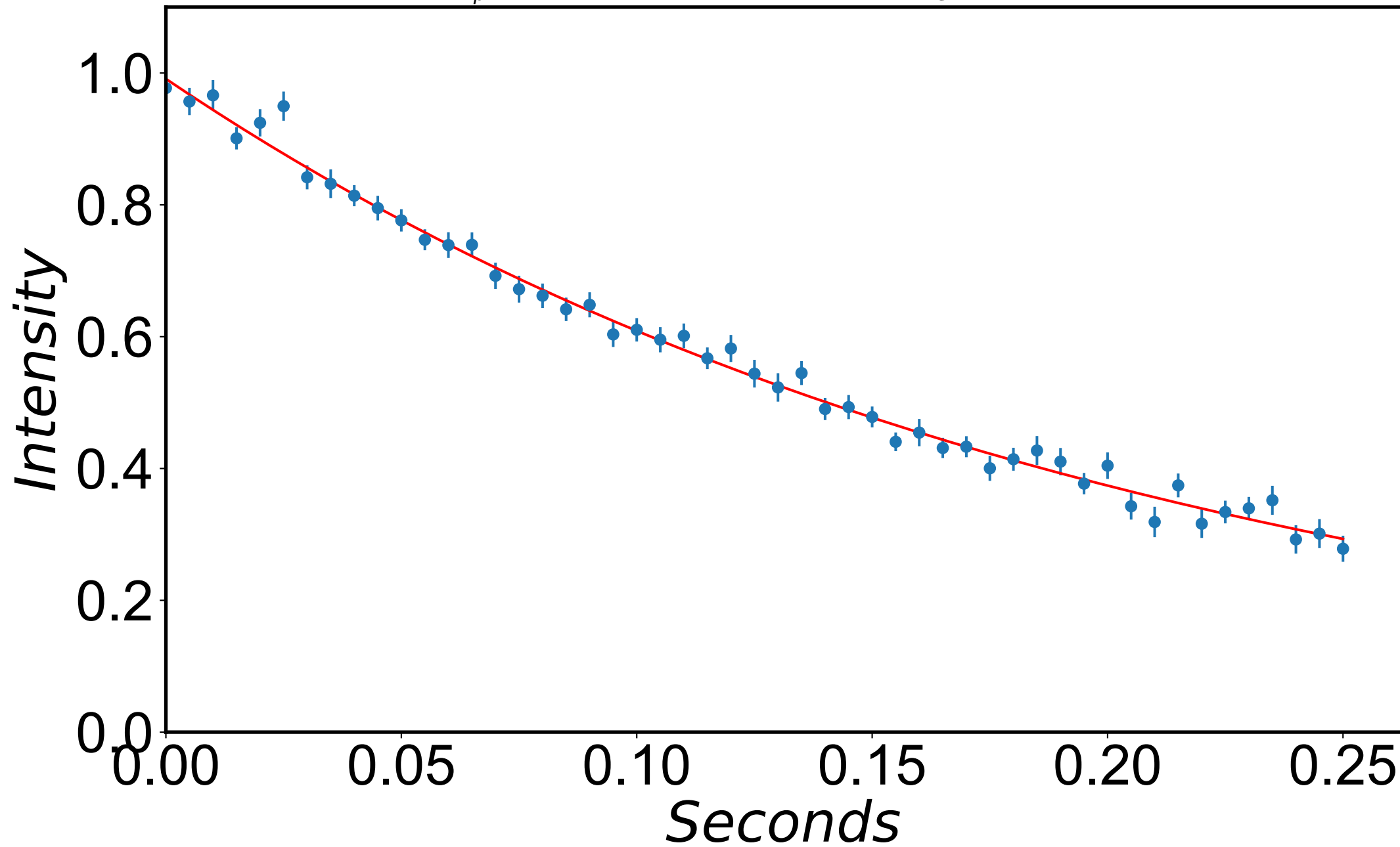
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -698 \text{ Hz}$$



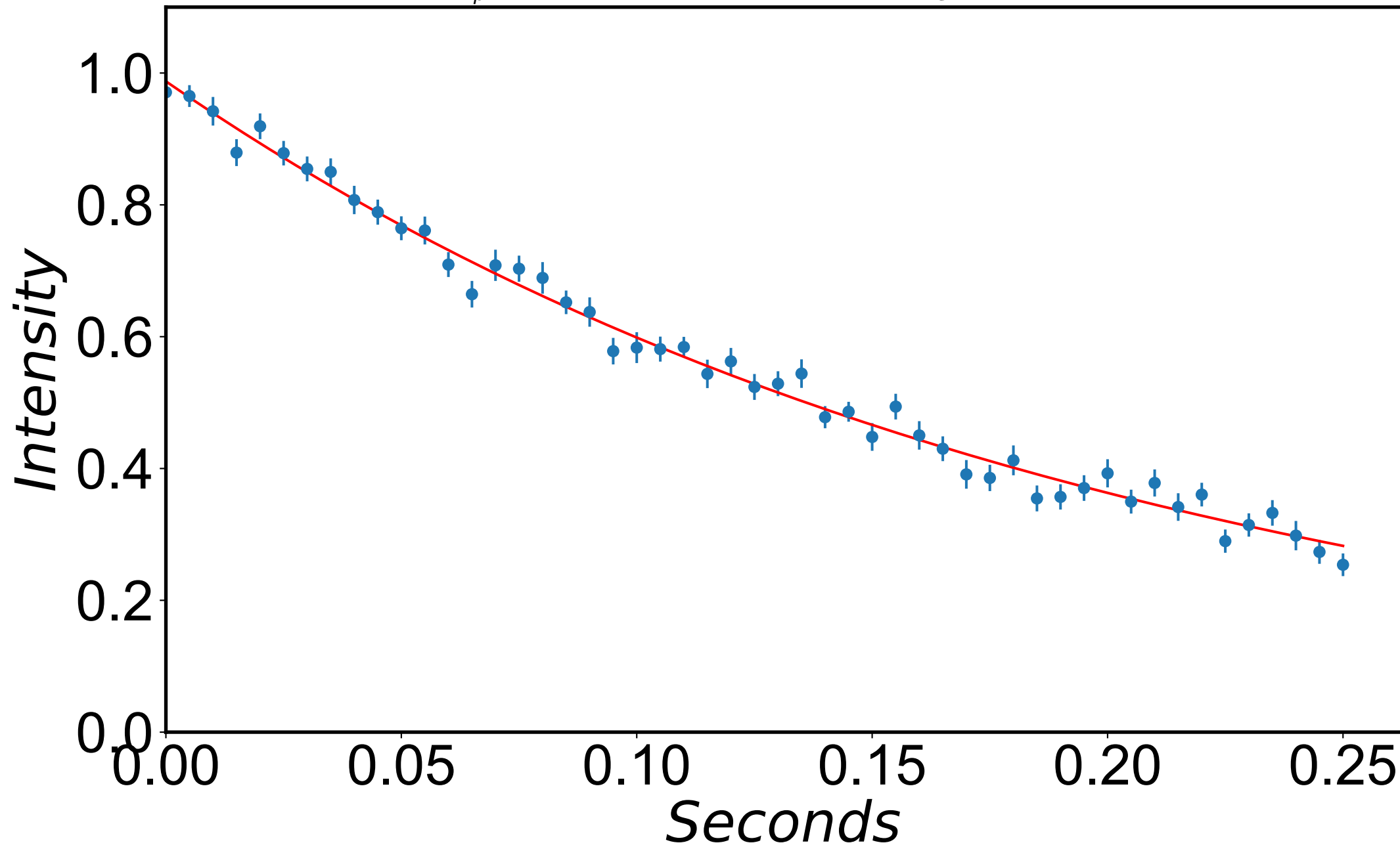
$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -688 \text{ Hz}$$



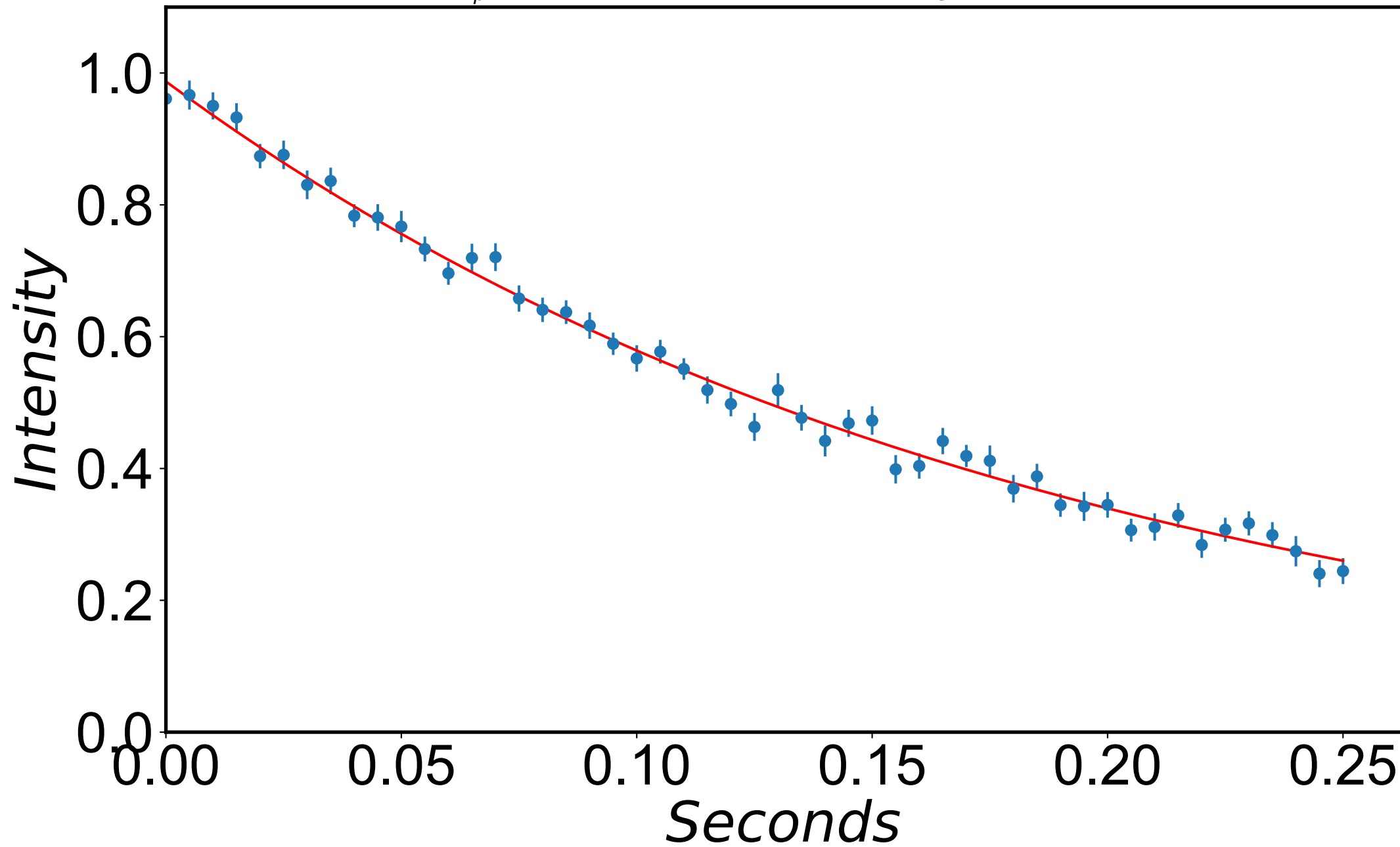
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -678 \text{ Hz}$$



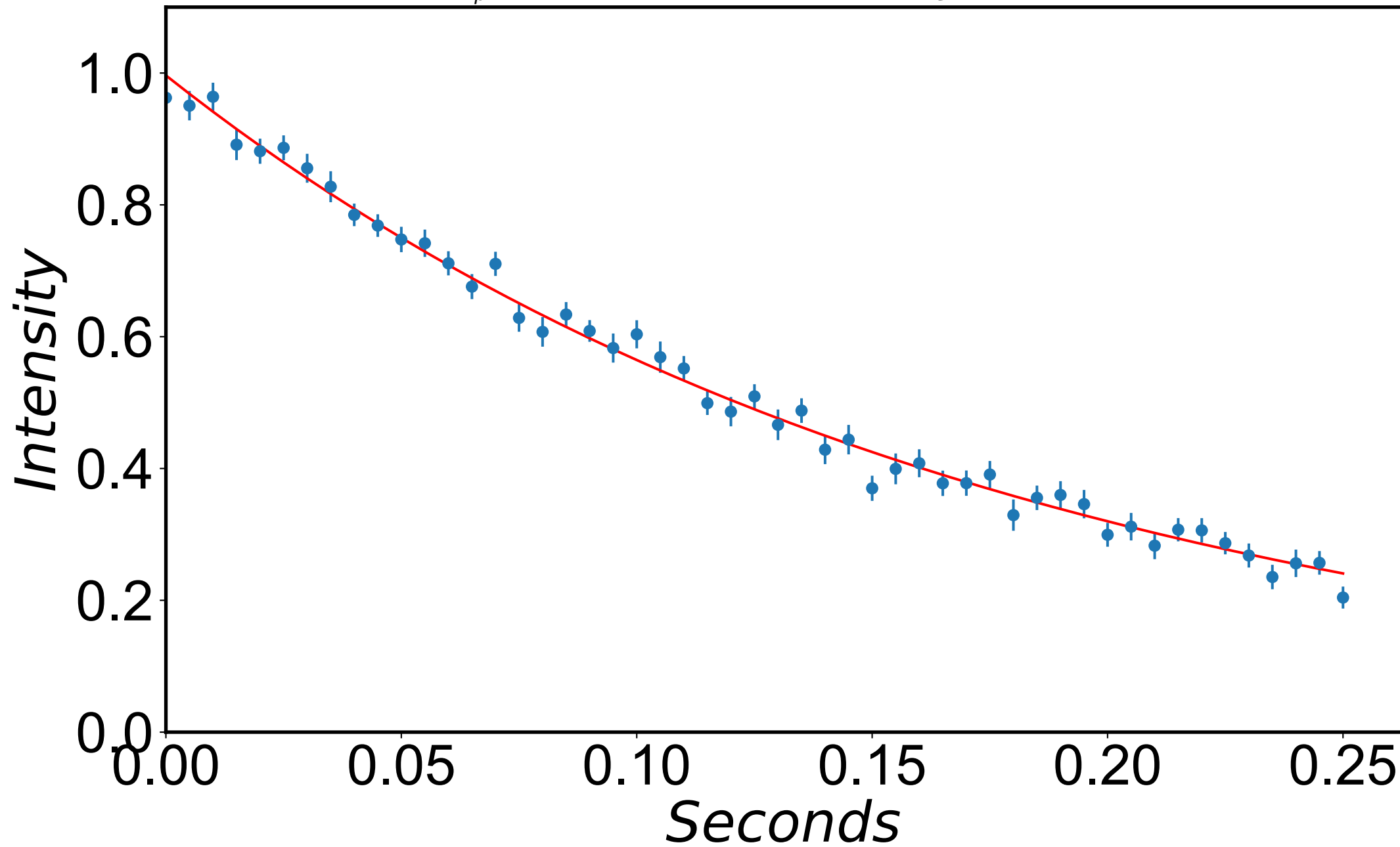
$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -668 \text{ Hz}$$



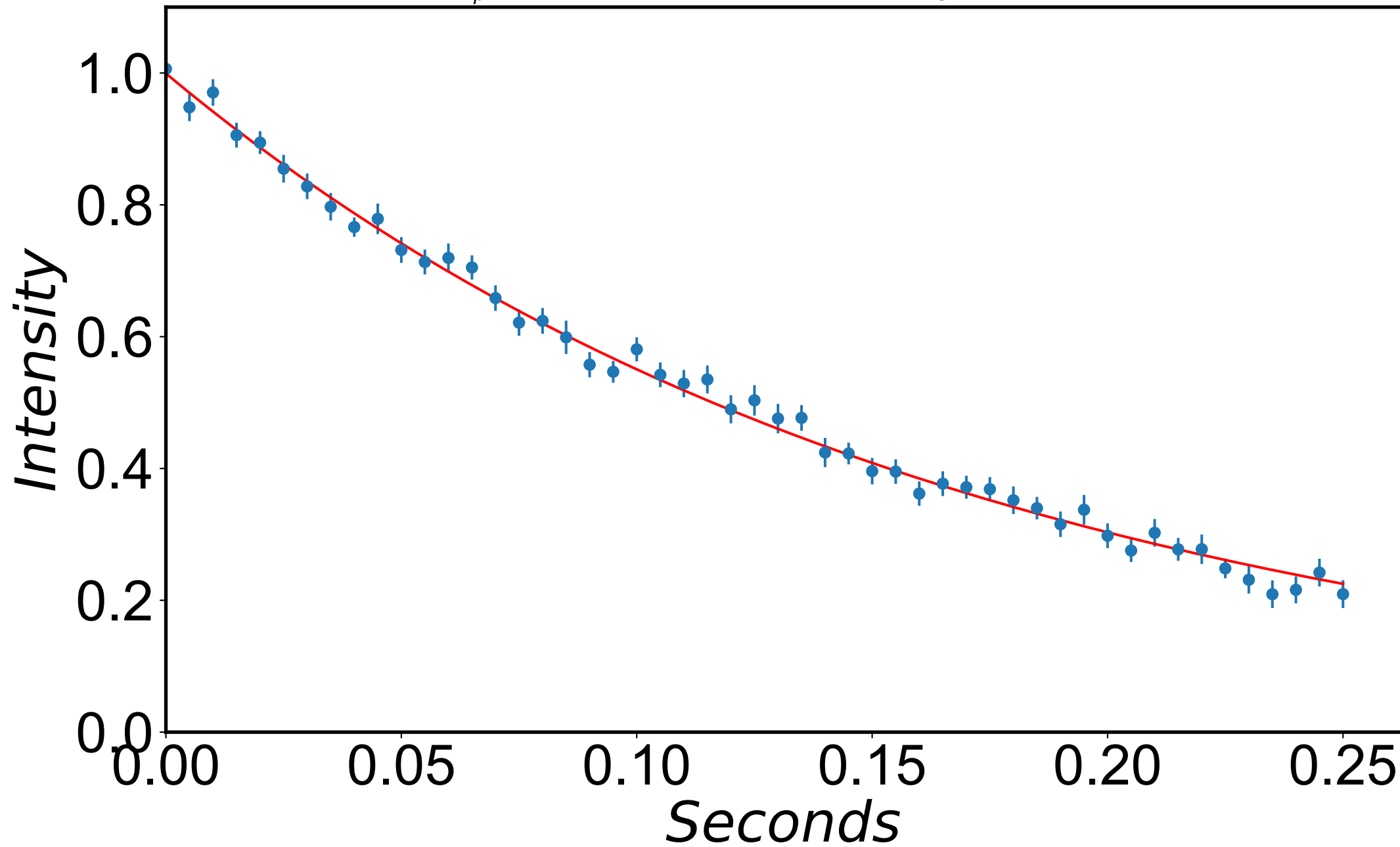
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -658 \text{ Hz}$$



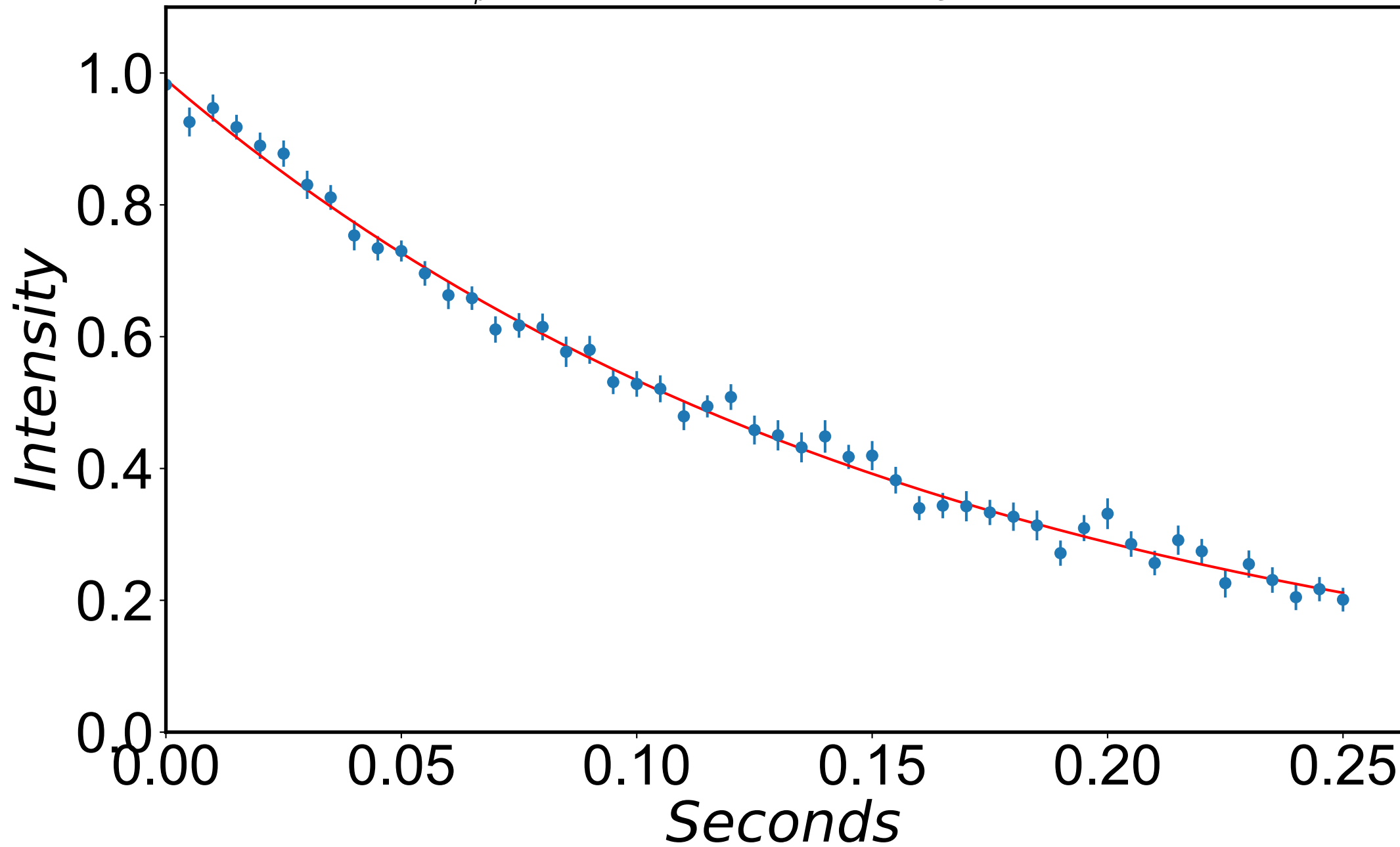
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -648 \text{ Hz}$$



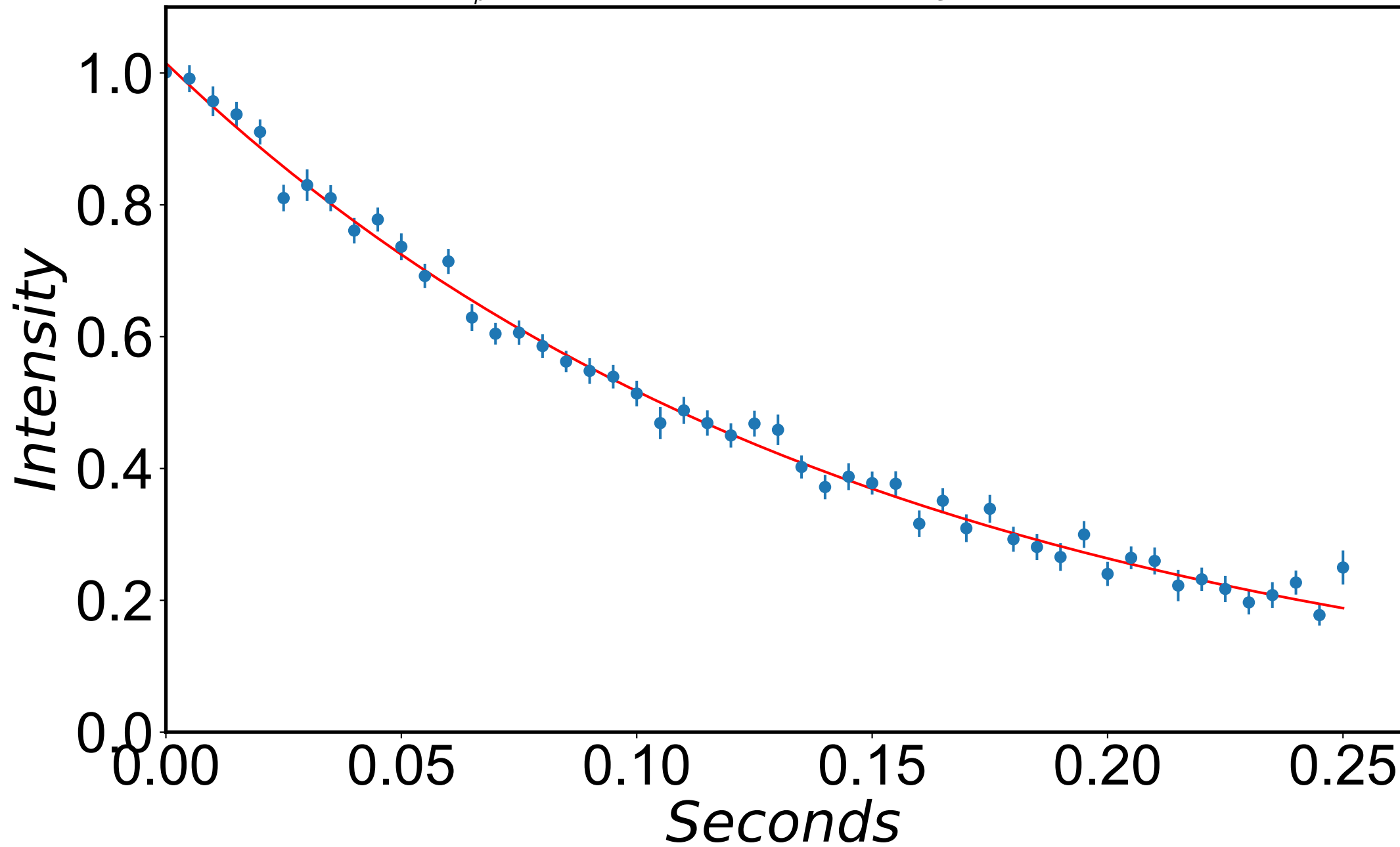
$$R_{1\rho} = 6.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -638 \text{ Hz}$$



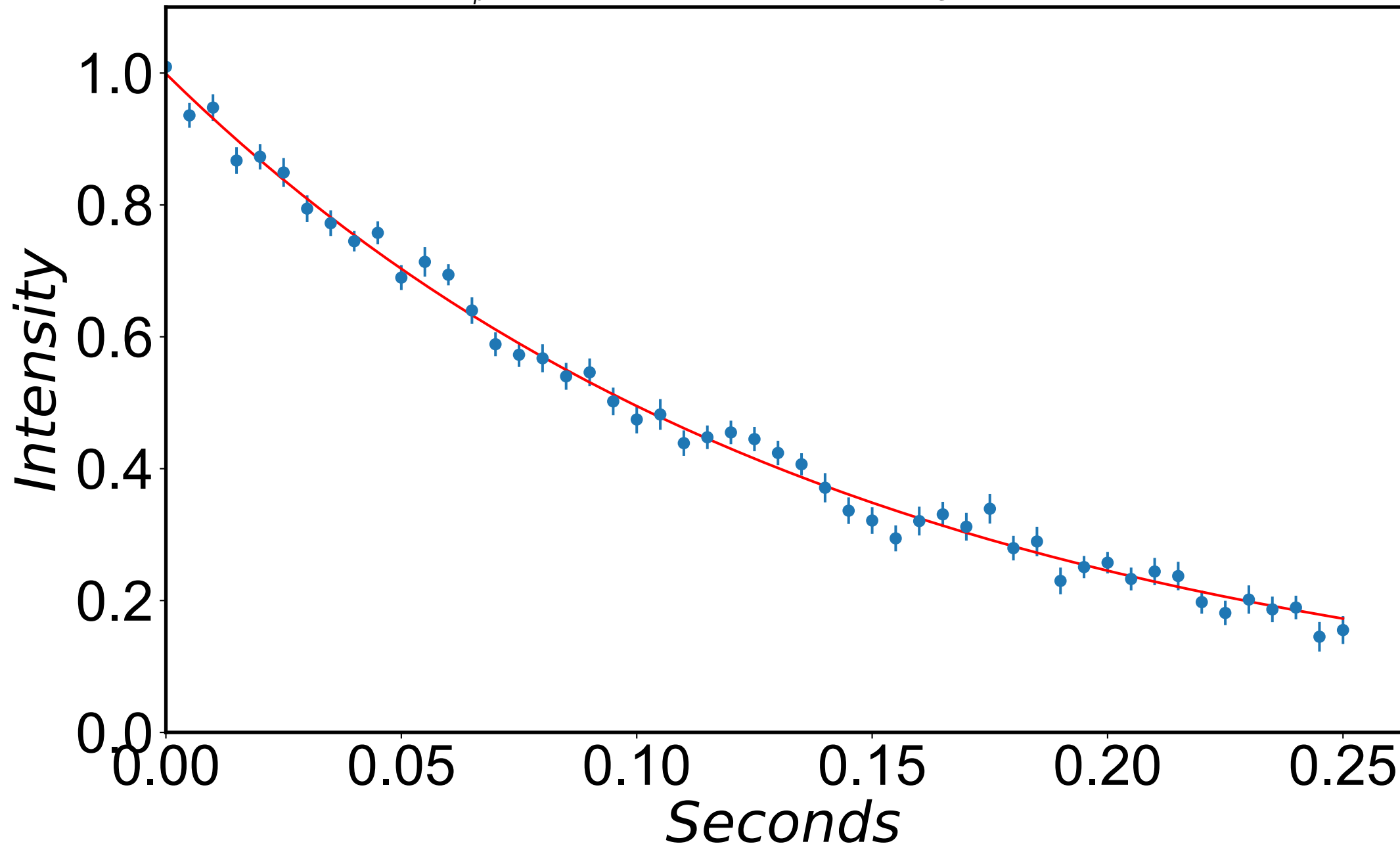
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -628 \text{ Hz}$$



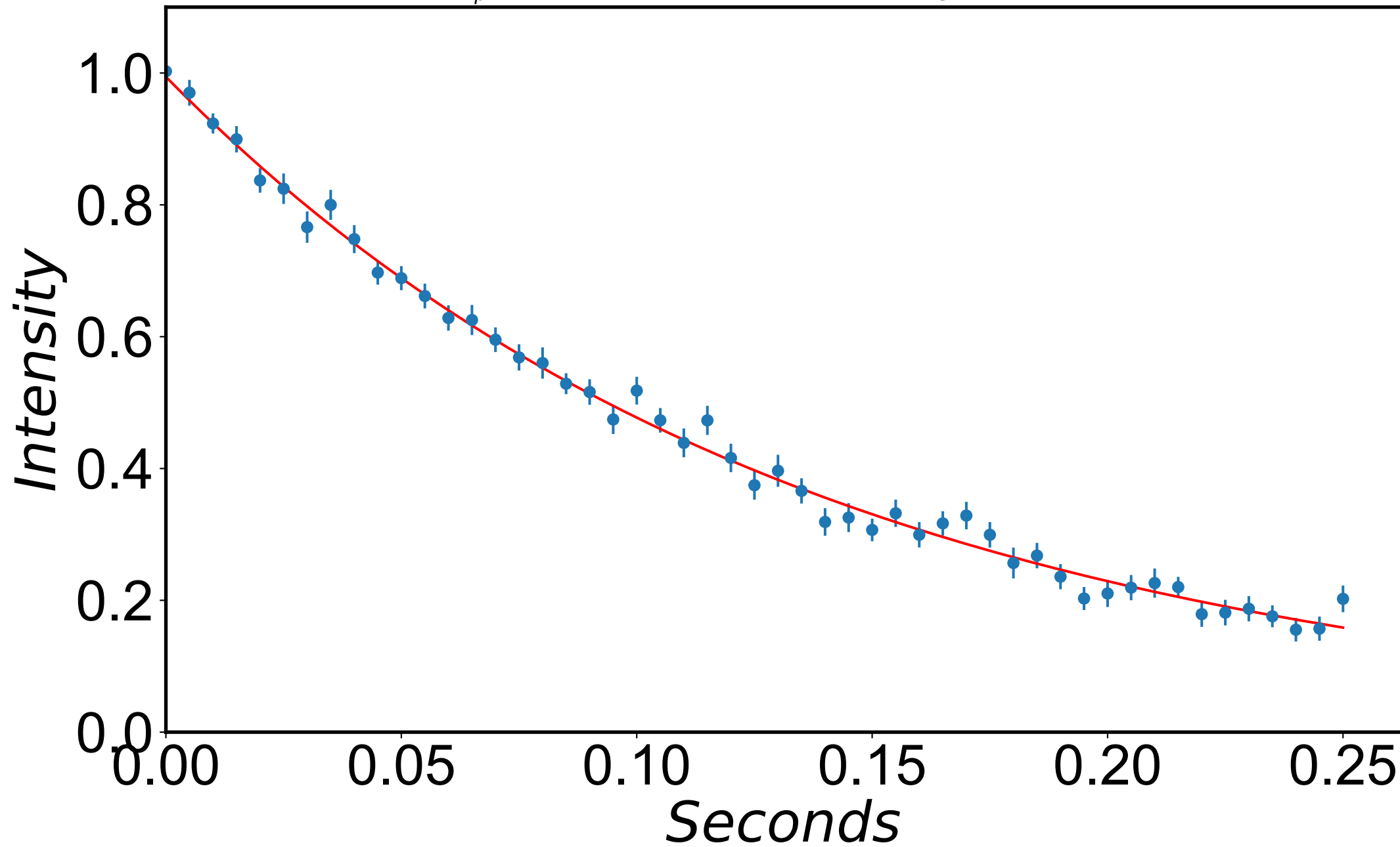
$$R_{1\rho} = 6.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -618 \text{ Hz}$$



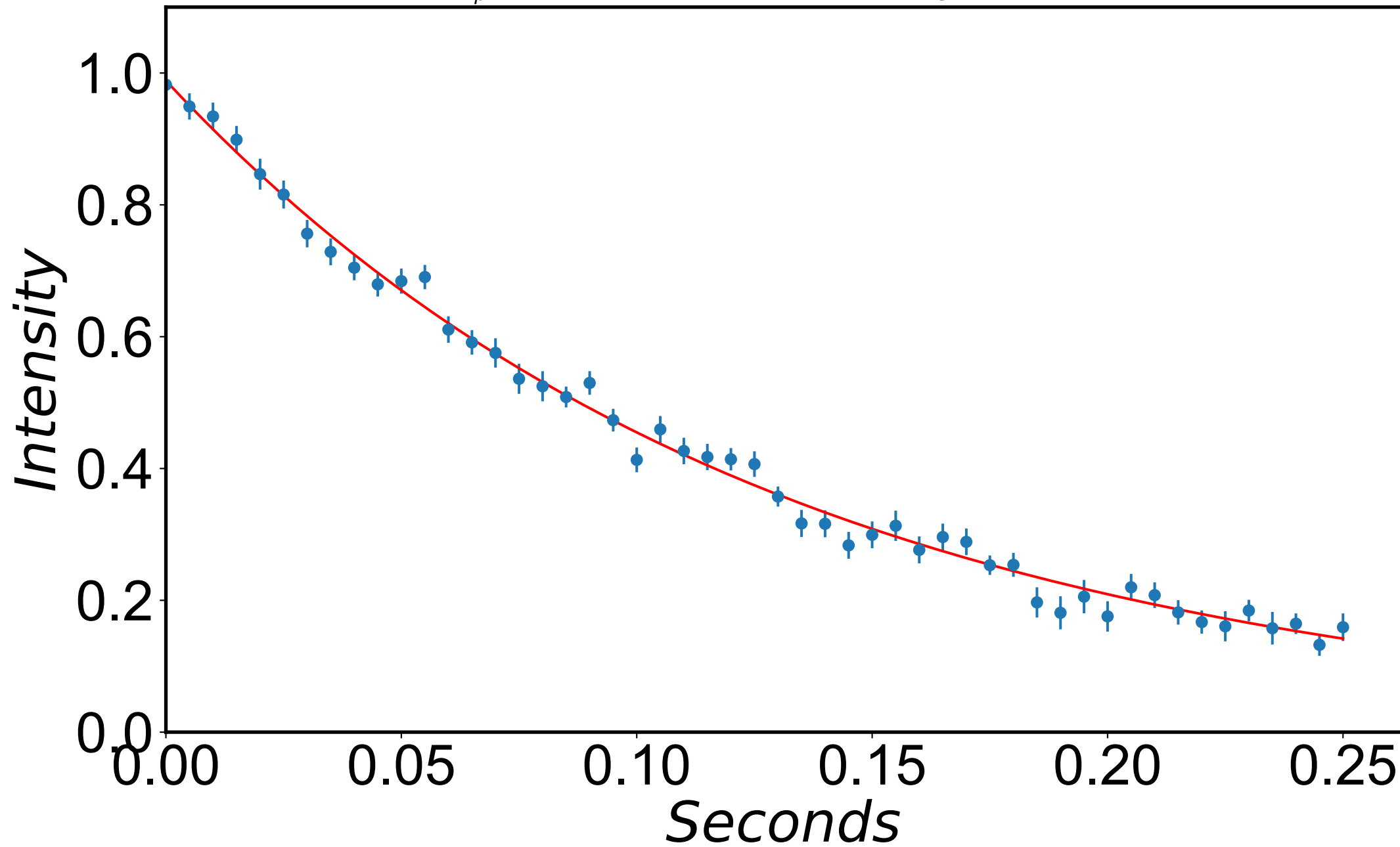
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -608 \text{ Hz}$$



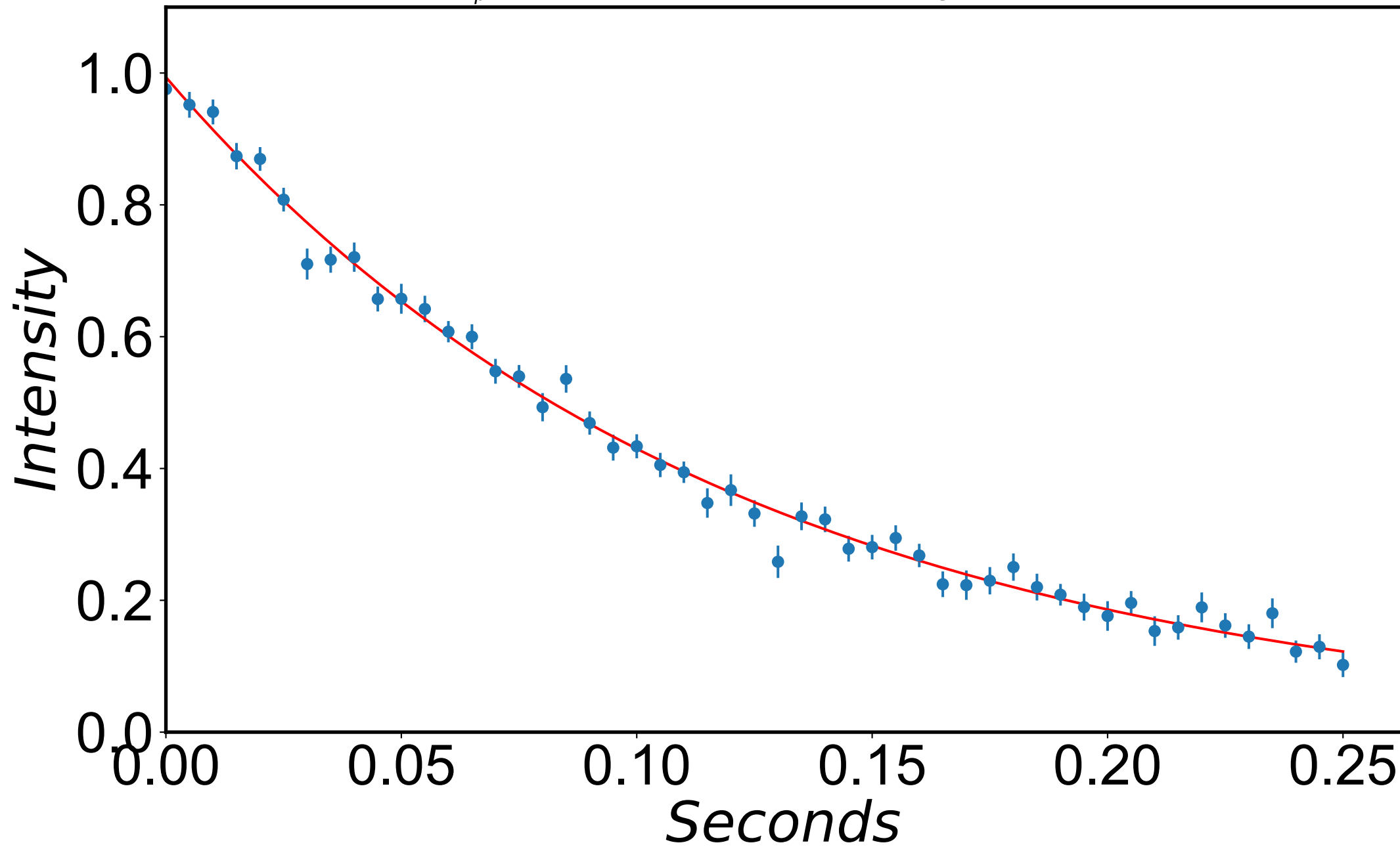
$$R_{1\rho} = 7.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -598 \text{ Hz}$$



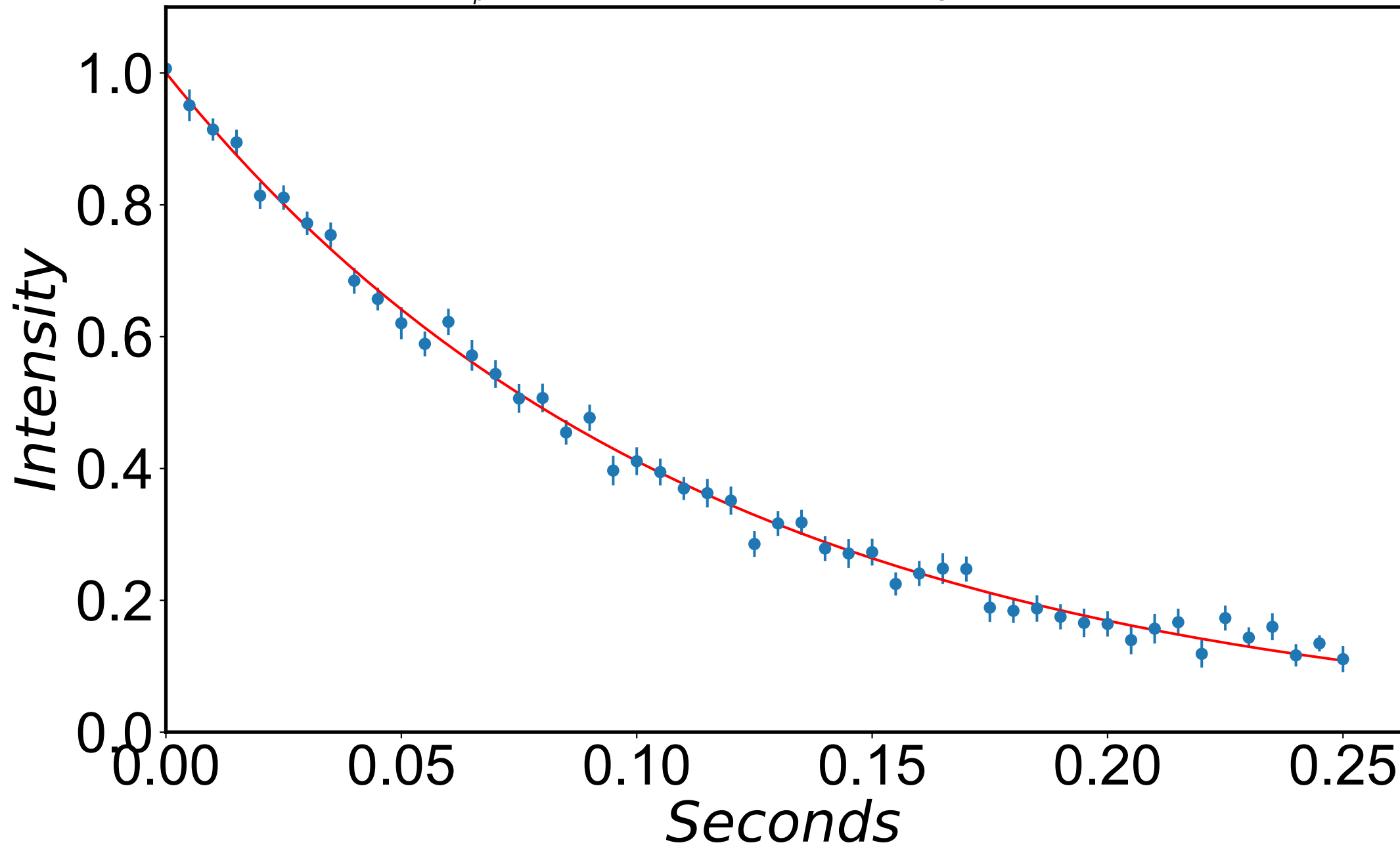
$$R_{1\rho} = 7.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -588 \text{ Hz}$$



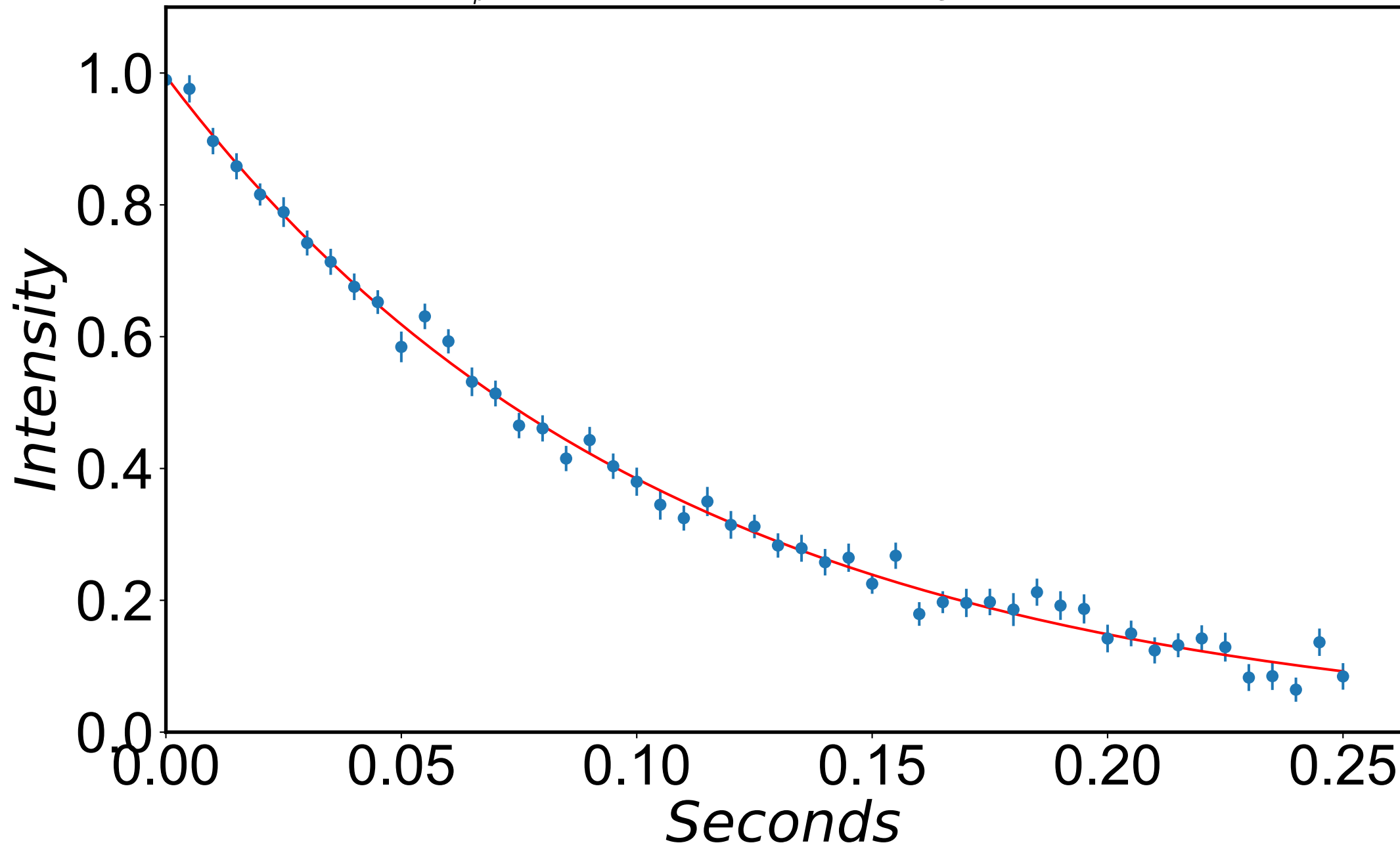
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -578 \text{ Hz}$$



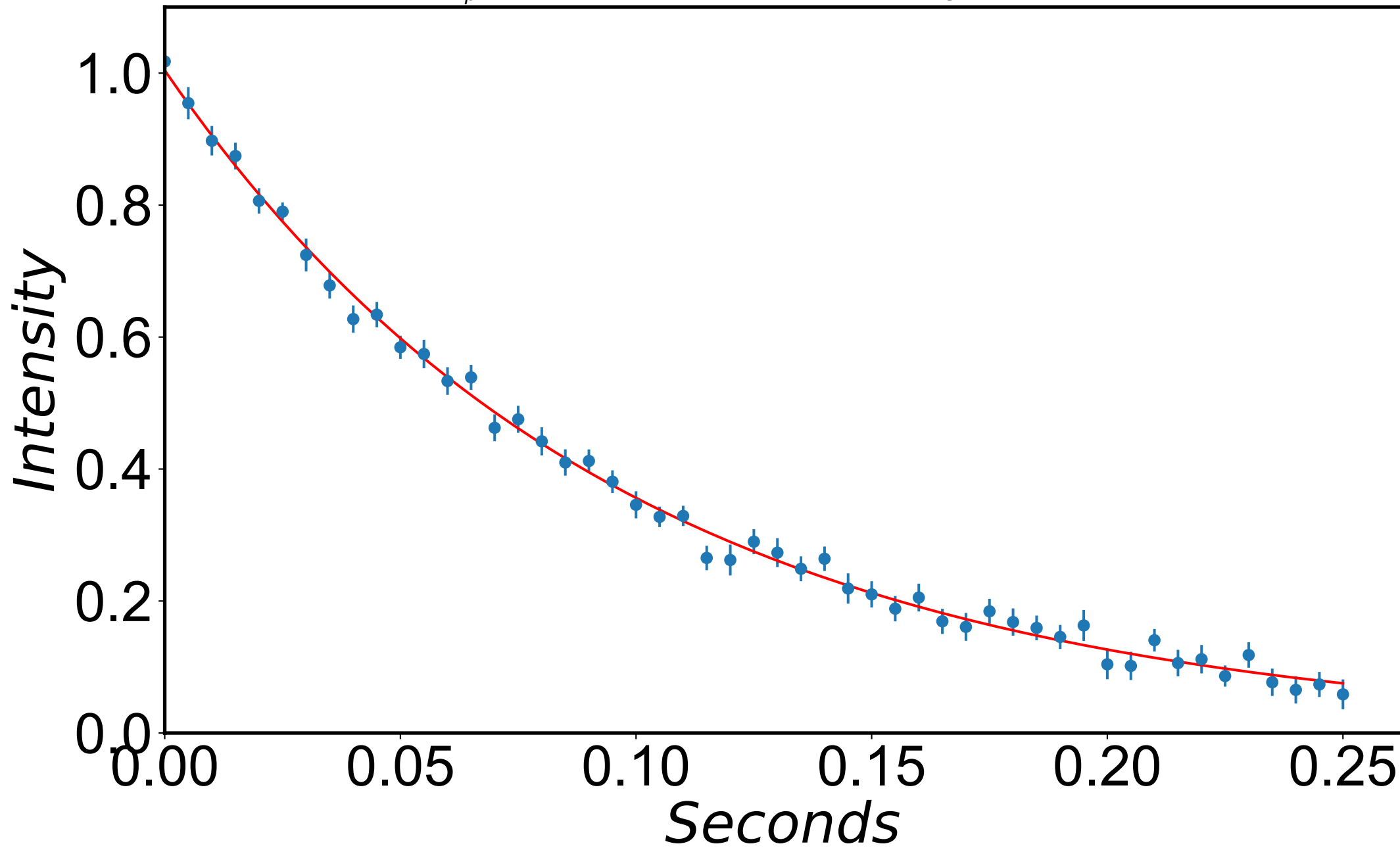
$$R_{1\rho} = 8.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -568 \text{ Hz}$$



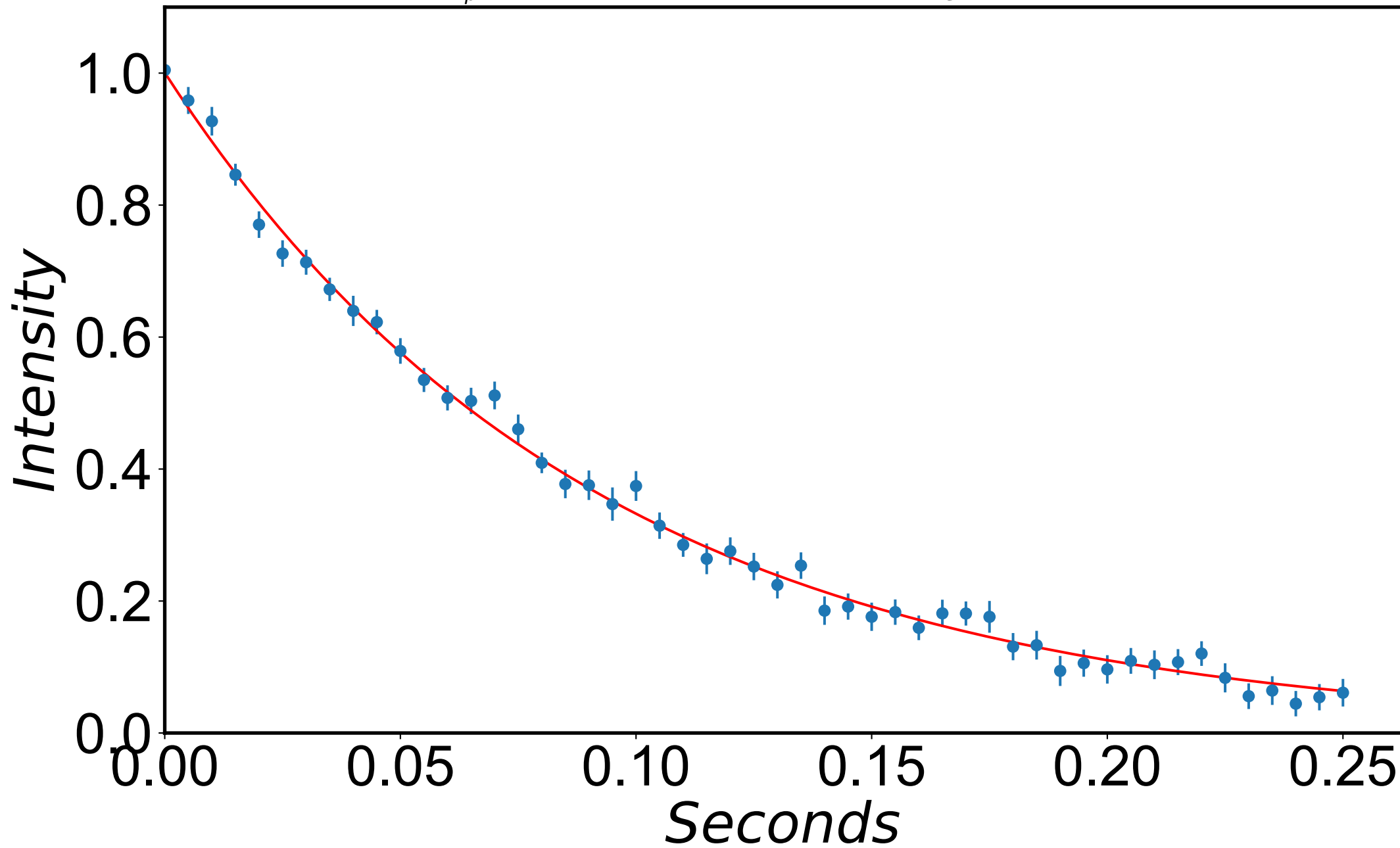
$$R_{1\rho} = 9.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -558 \text{ Hz}$$



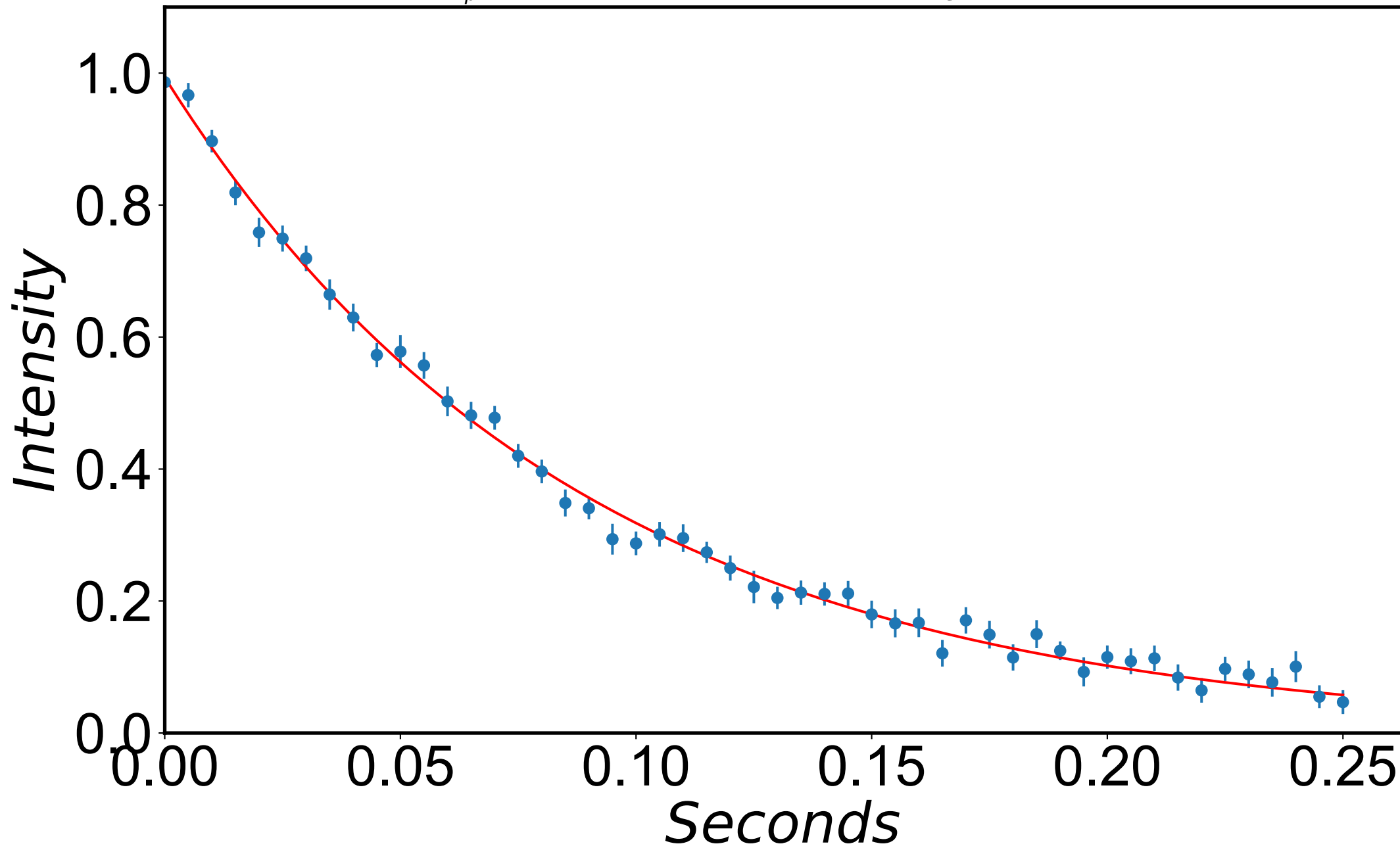
$$R_{1\rho} = 10.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -548 \text{ Hz}$$



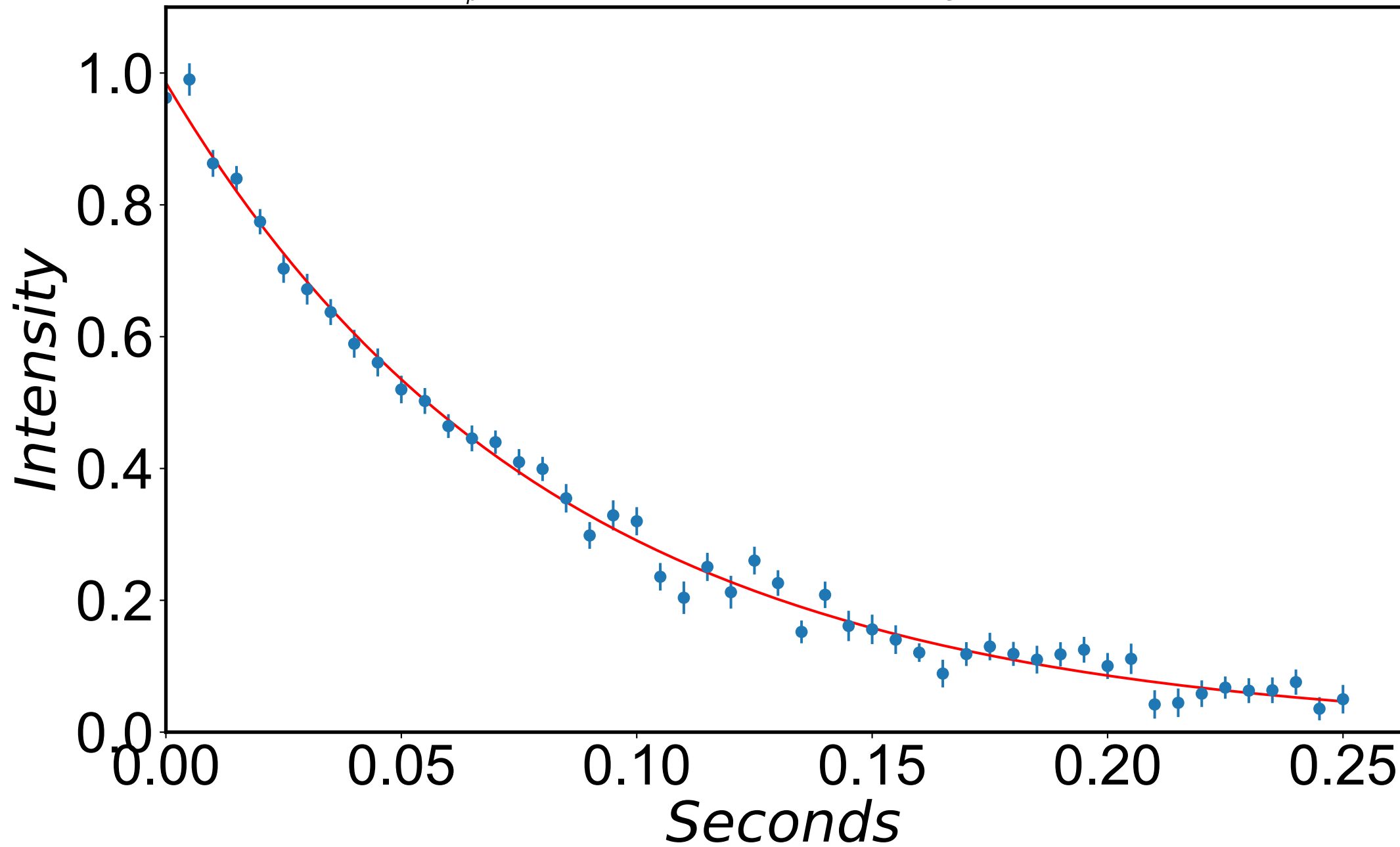
$$R_{1\rho} = 11.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -538 \text{ Hz}$$



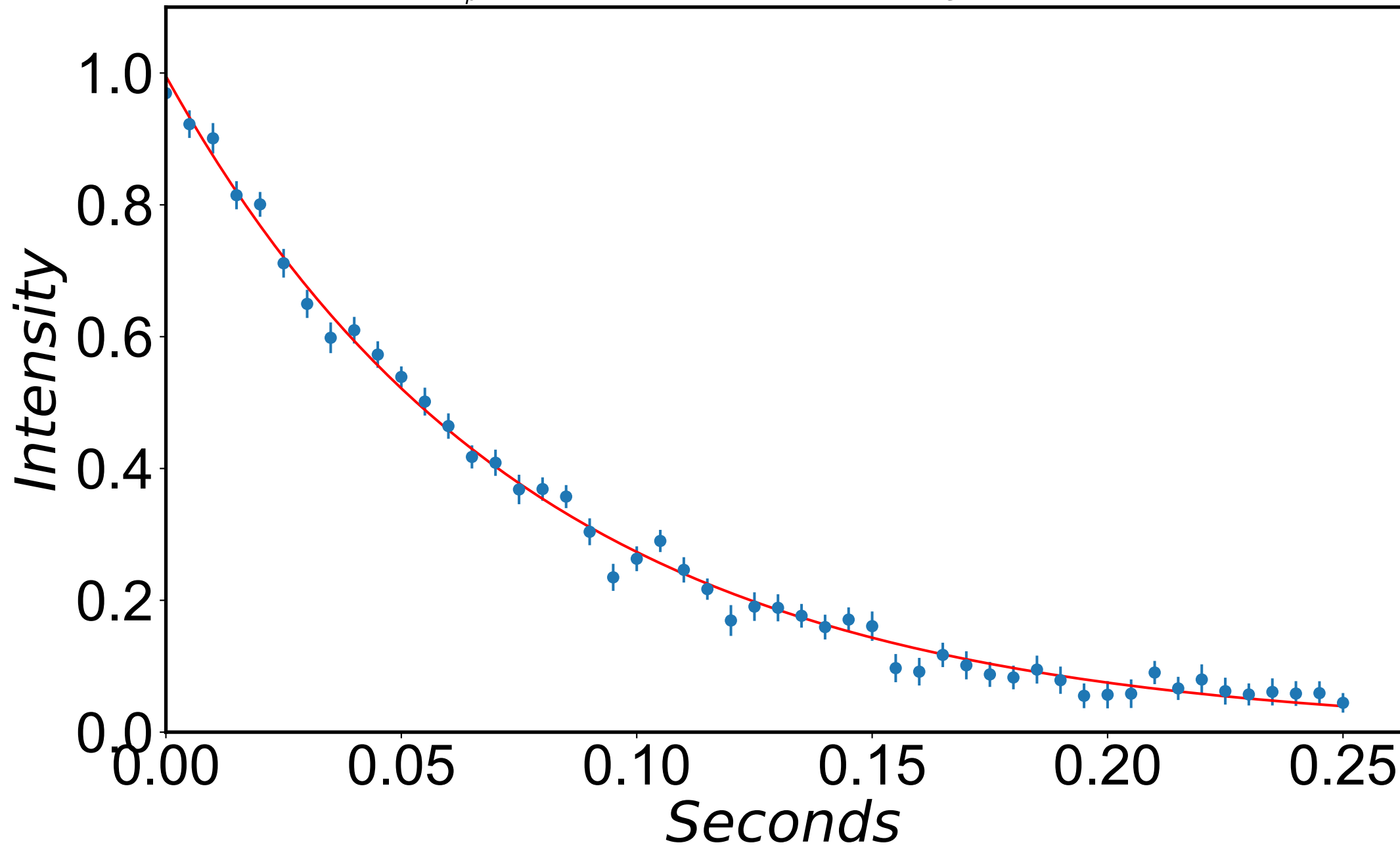
$$R_{1\rho} = 11.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -528 \text{ Hz}$$



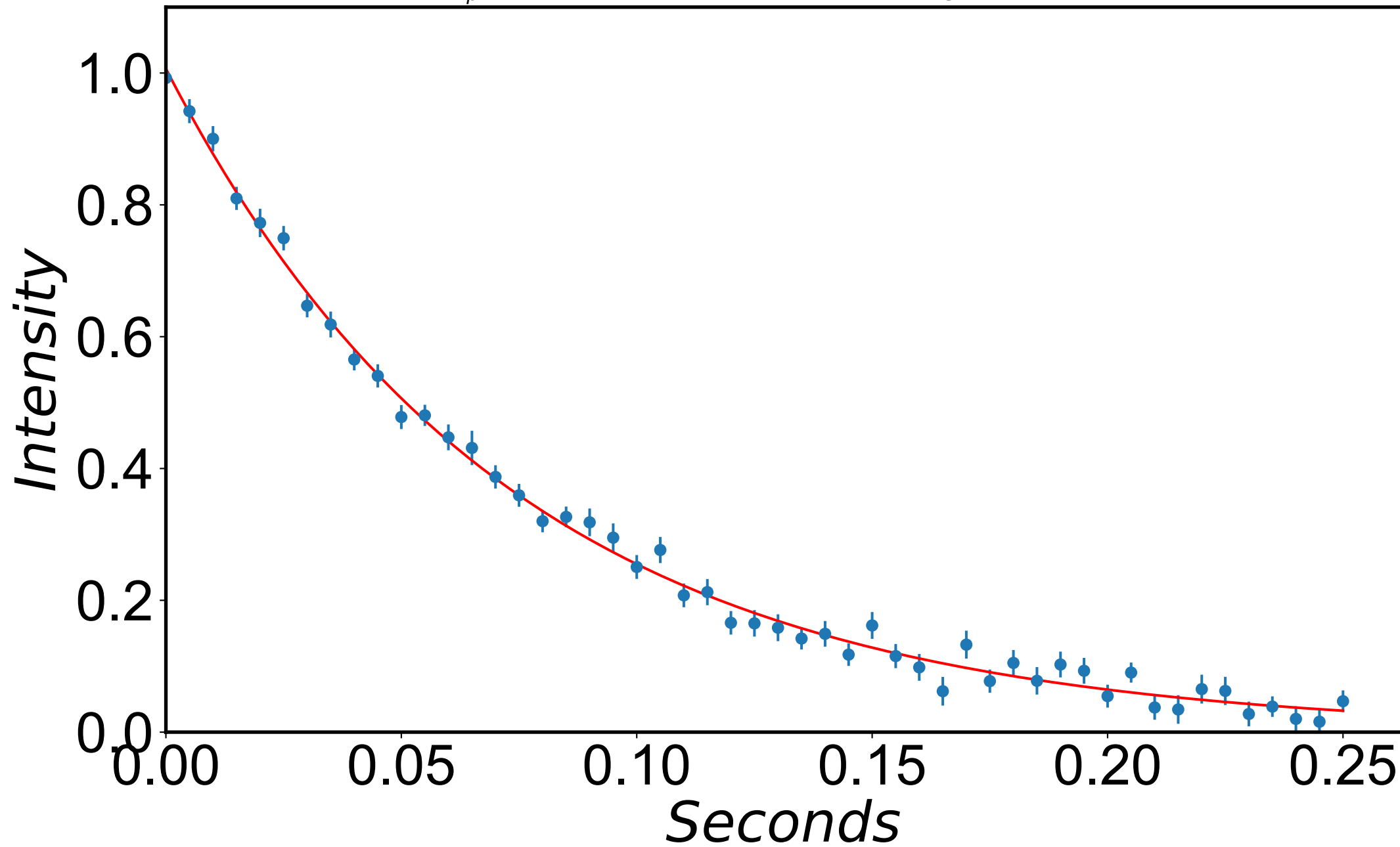
$$R_{1\rho} = 12.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -518 \text{ Hz}$$



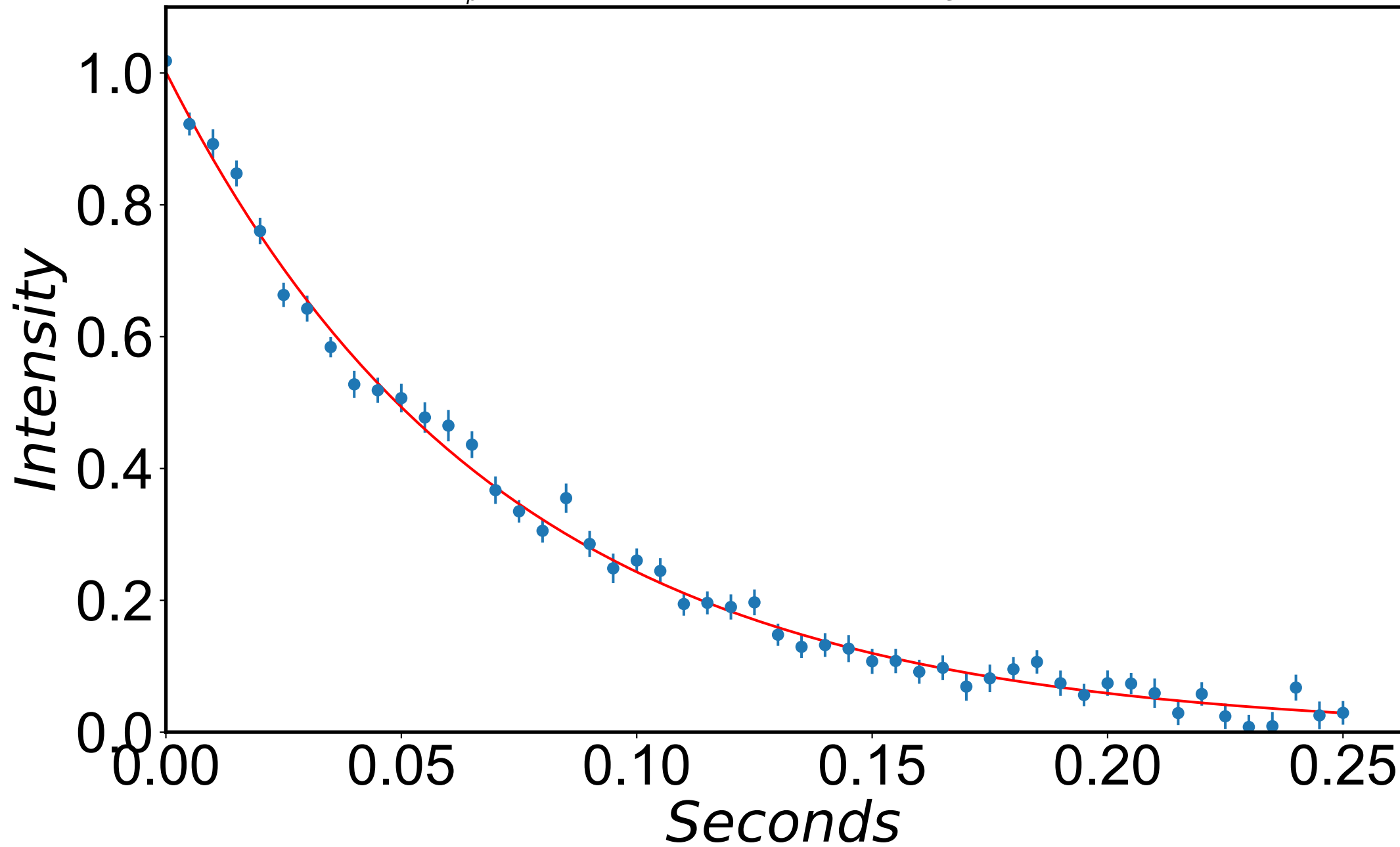
$$R_{1\rho} = 12.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -508 \text{ Hz}$$



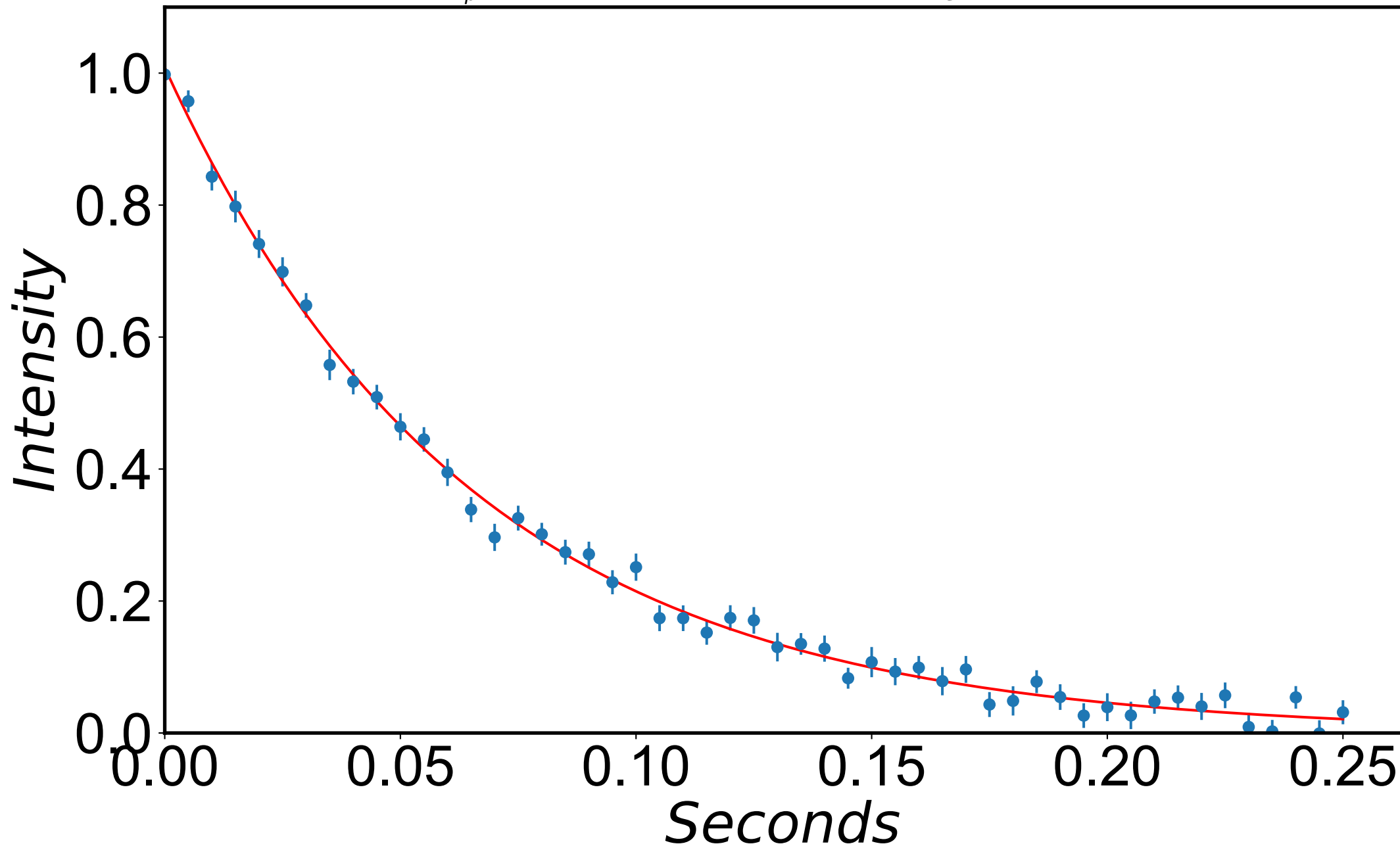
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -497 \text{ Hz}$$



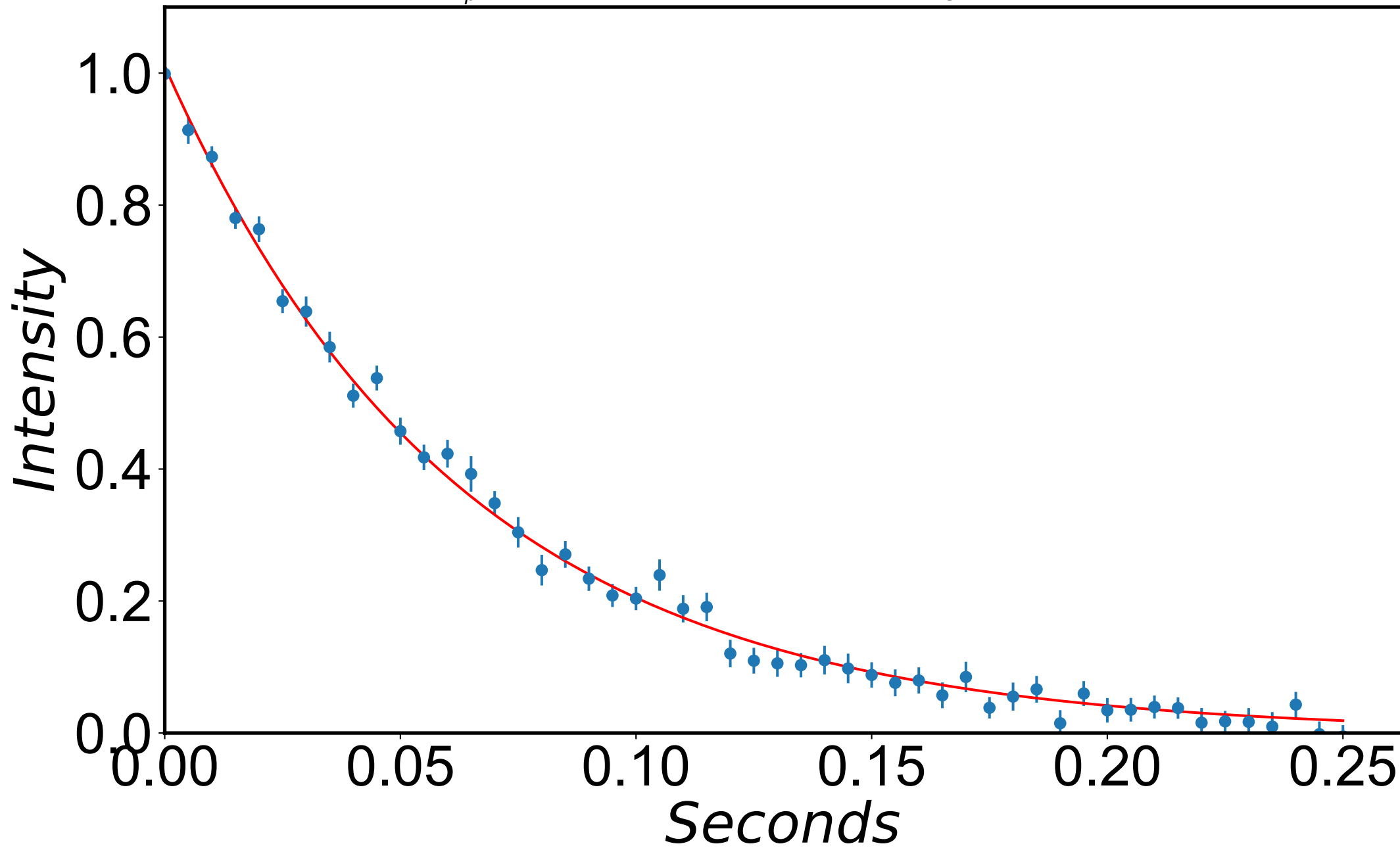
$$R_{1\rho} = 14.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -487 \text{ Hz}$$



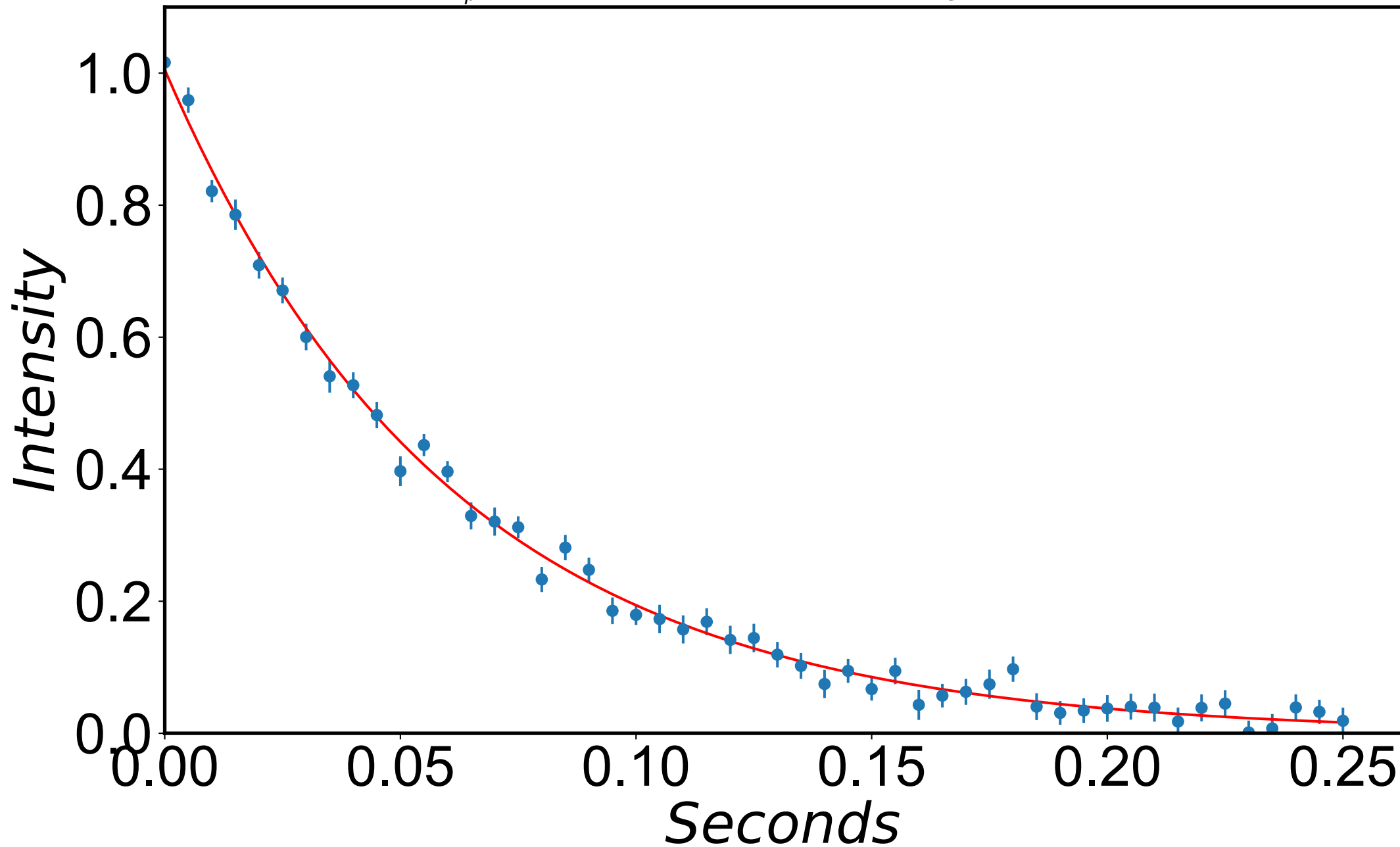
$$R_{1\rho} = 15.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -477 \text{ Hz}$$



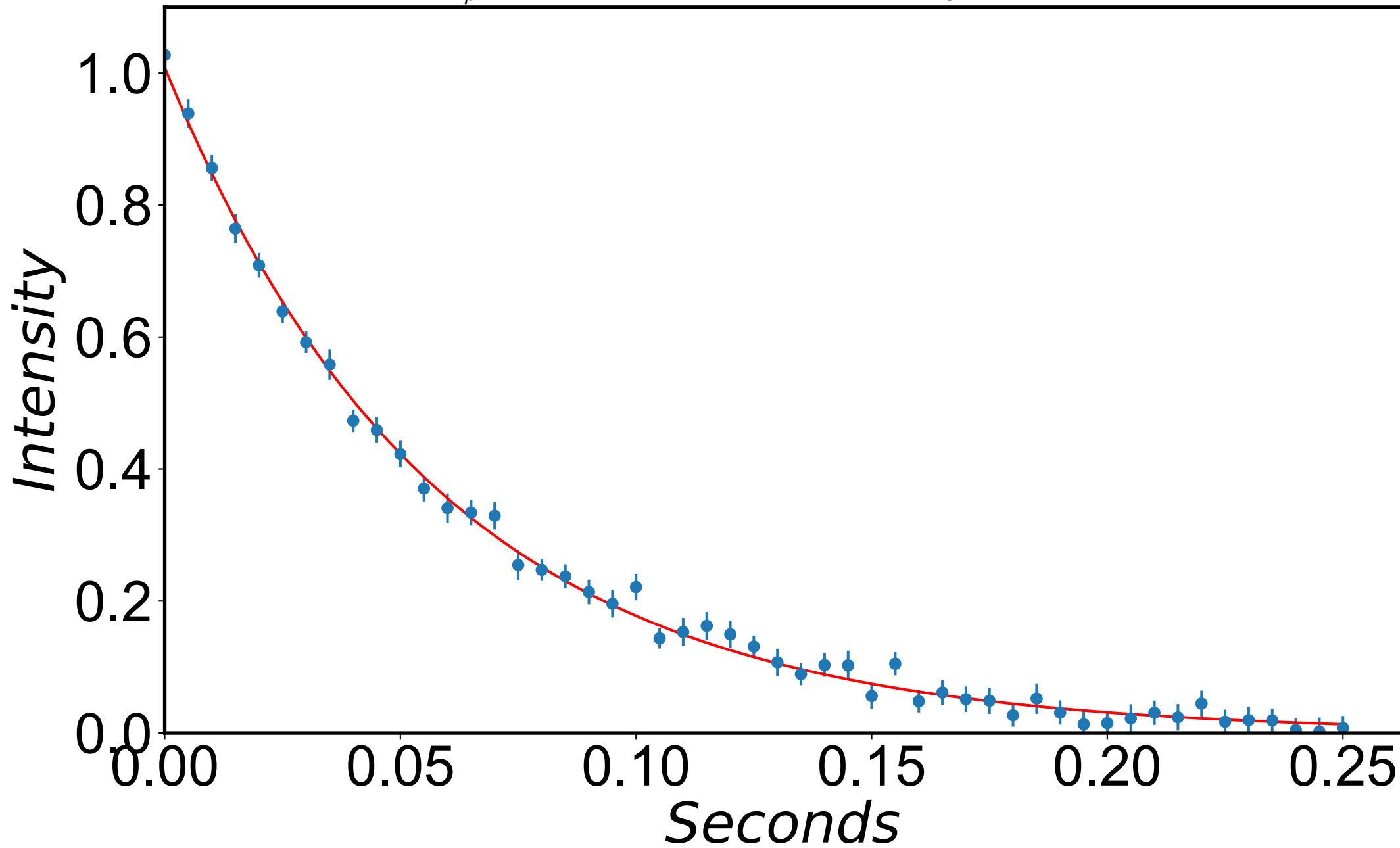
$$R_{1\rho} = 16.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -467 \text{ Hz}$$



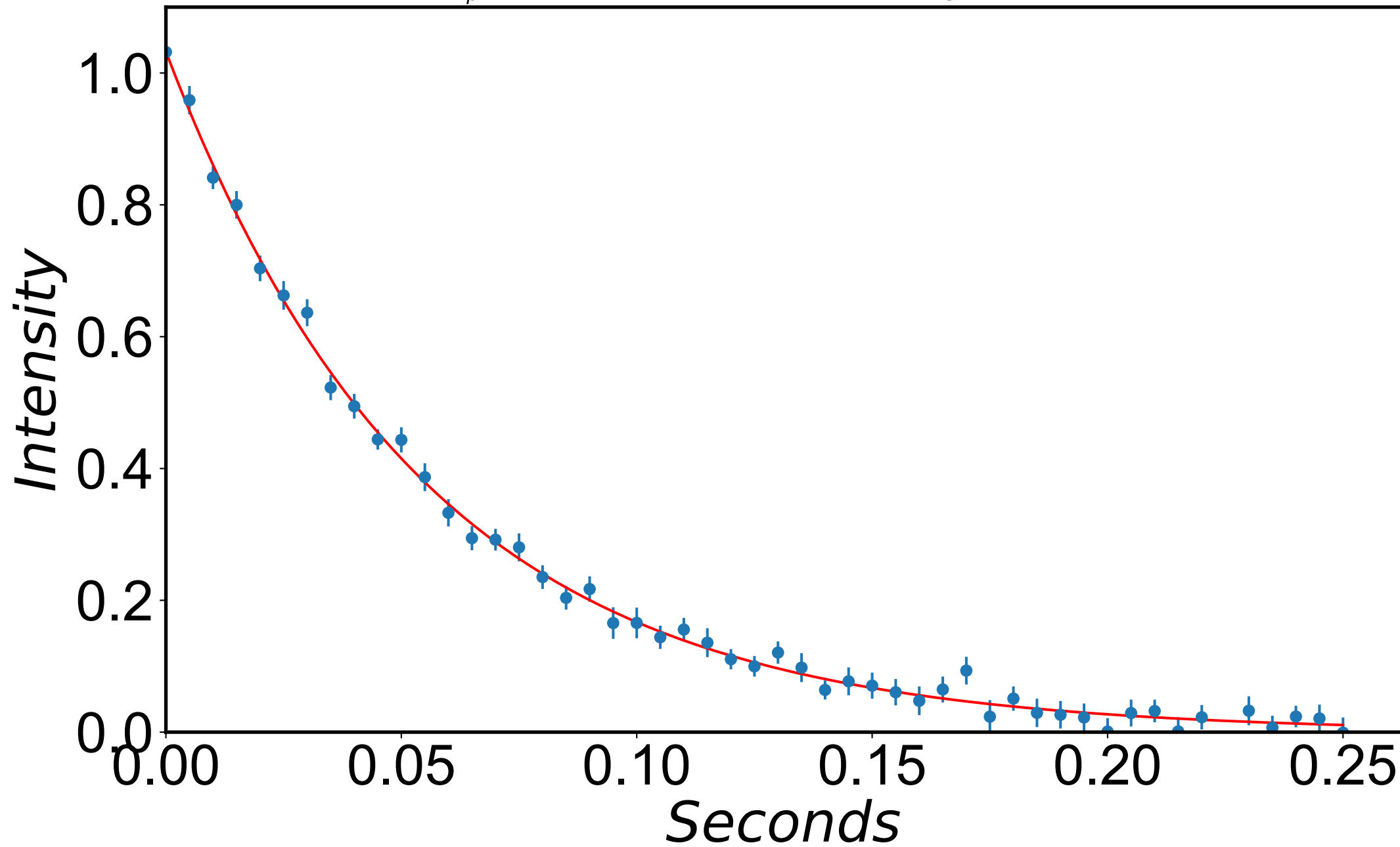
$$R_{1\rho} = 16.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -457 \text{ Hz}$$



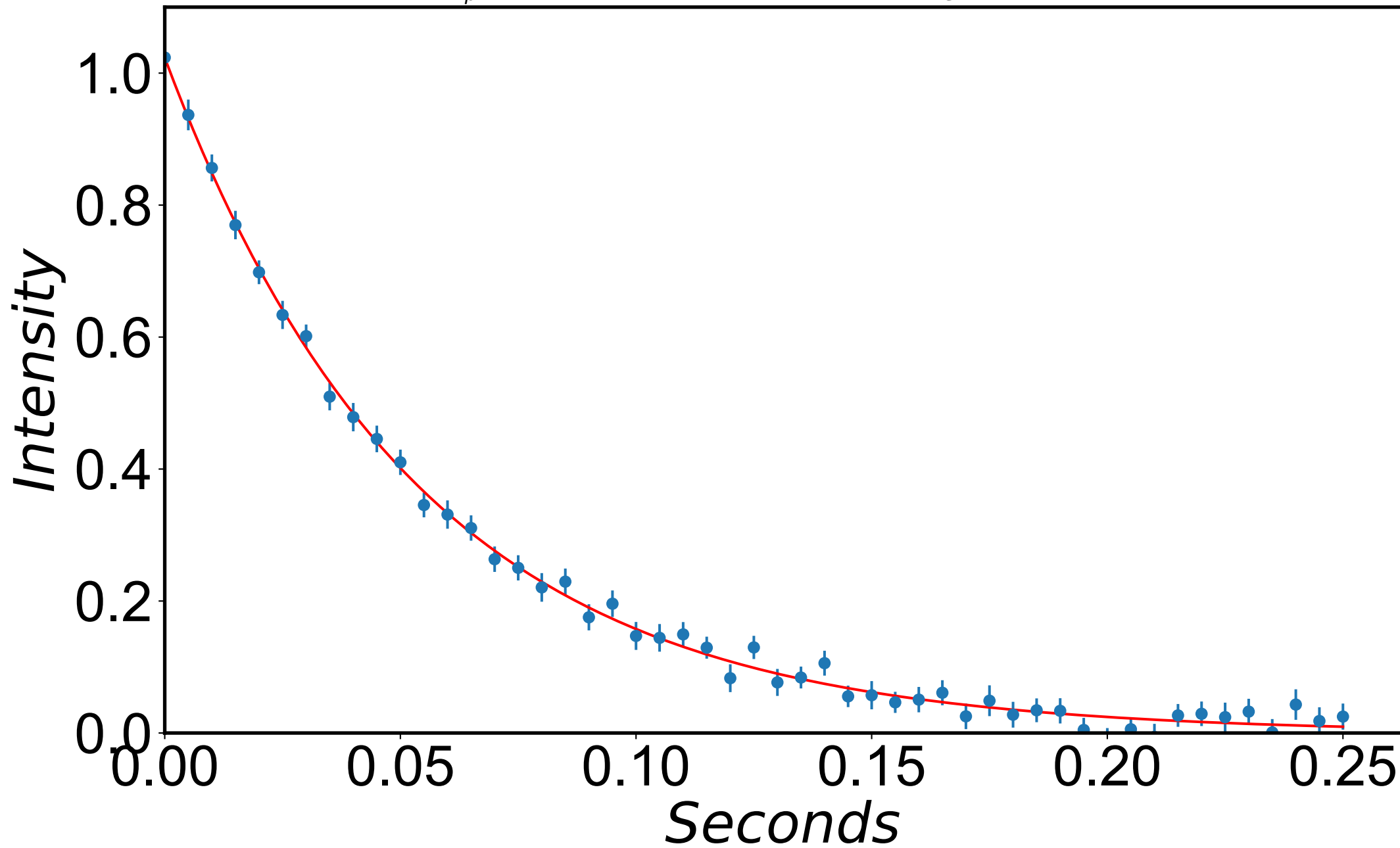
$$R_{1\rho} = 17.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -447 \text{ Hz}$$



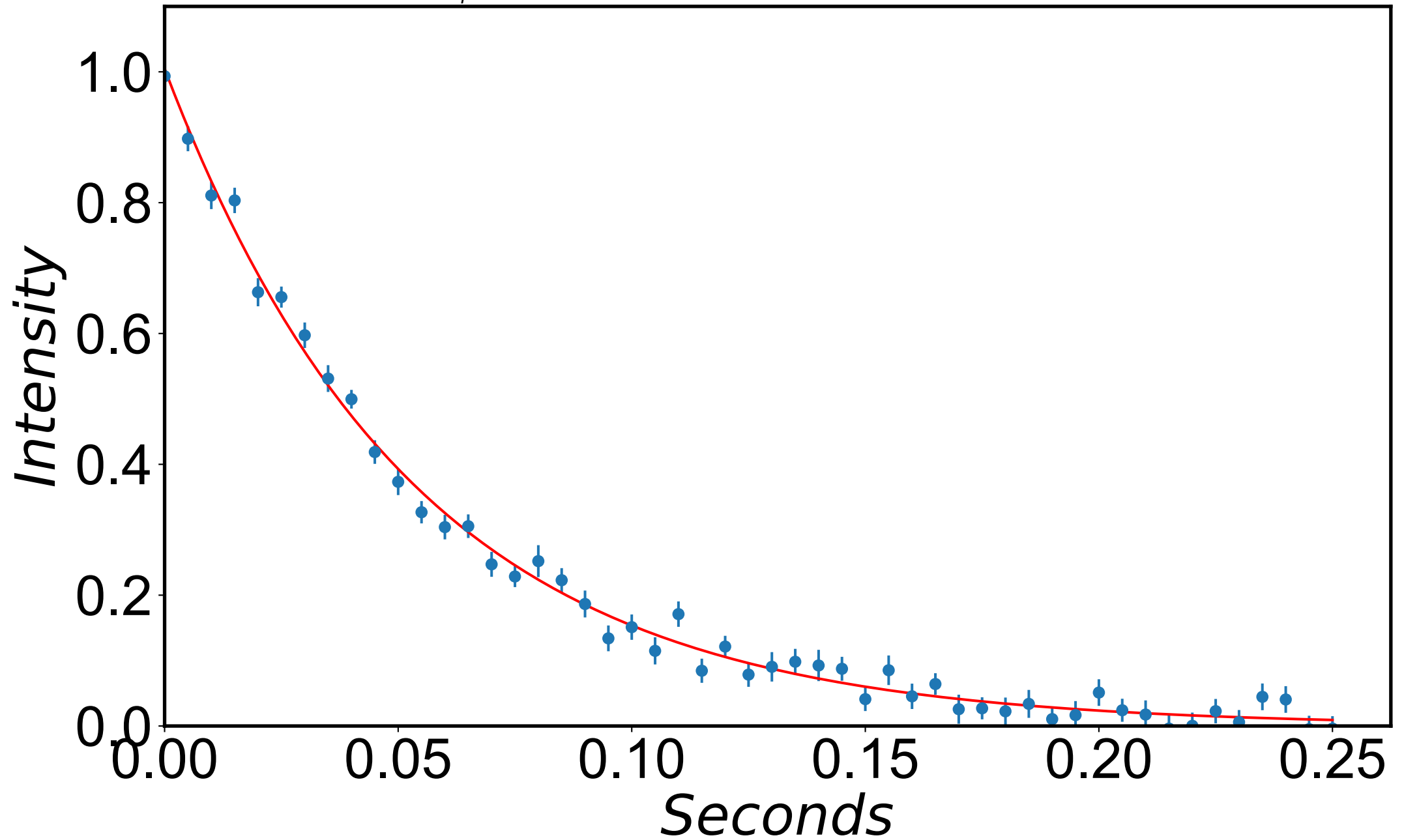
$$R_{1\rho} = 18.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -437 \text{ Hz}$$



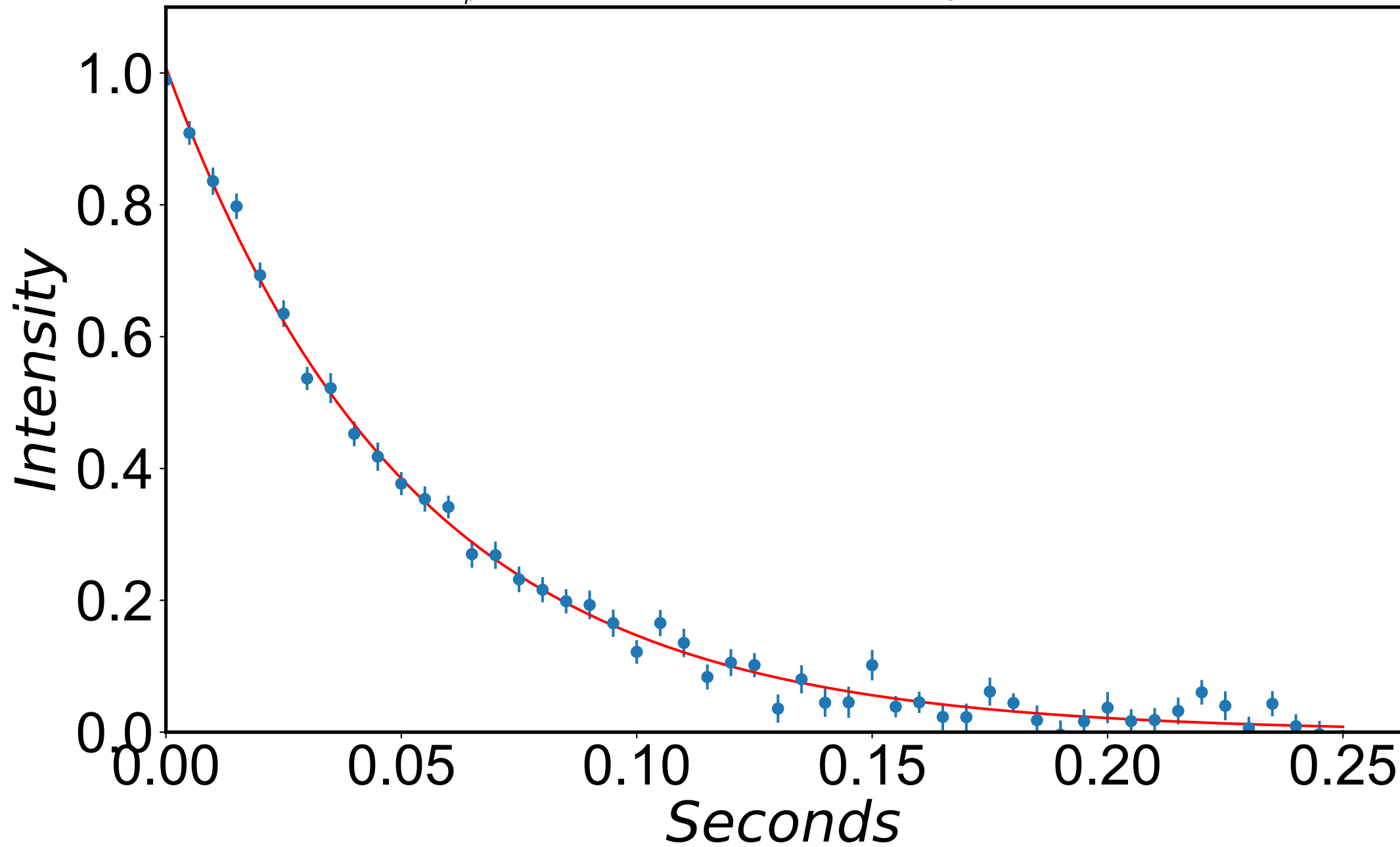
$$R_{1\rho} = 18.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -427 \text{ Hz}$$



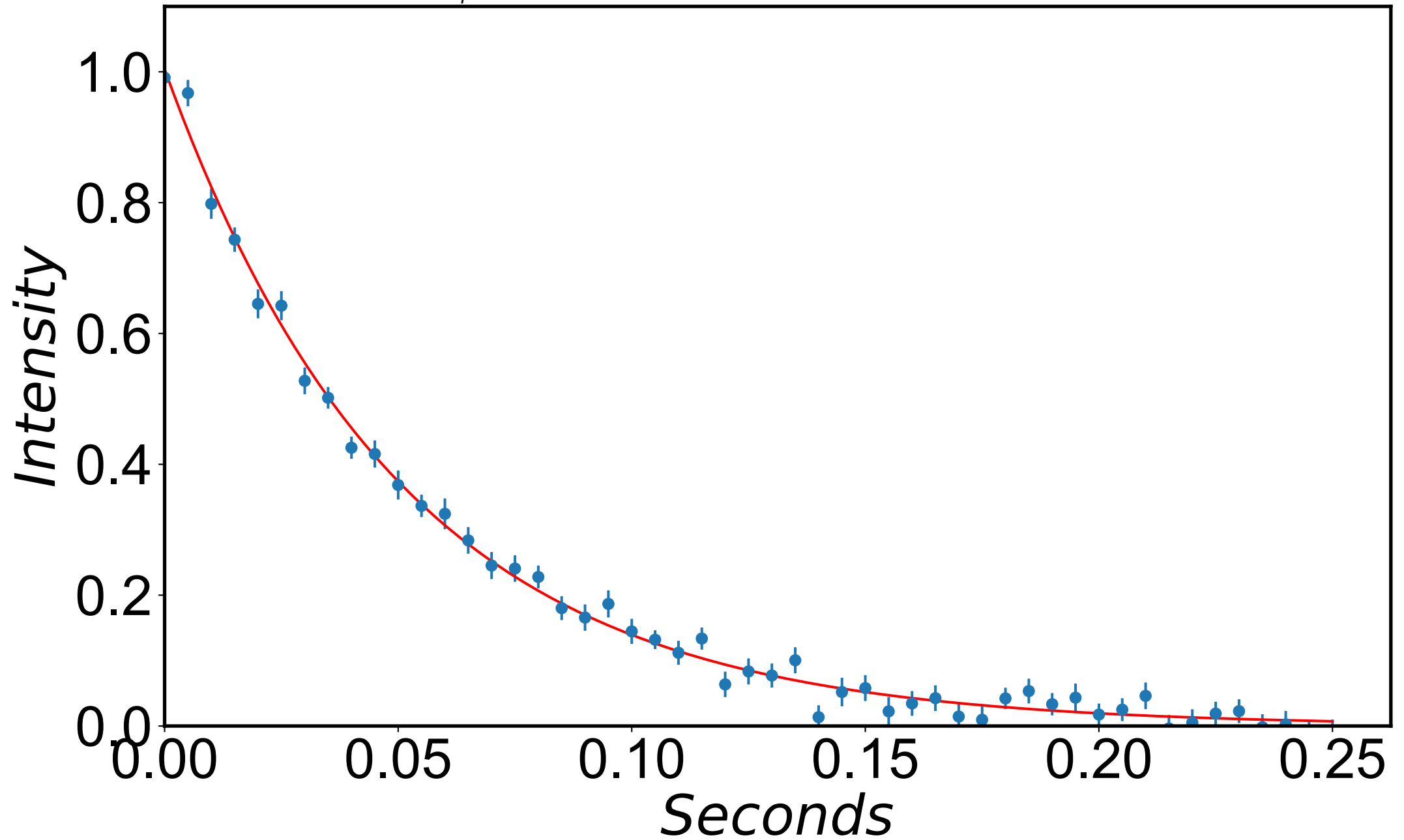
$$R_{1\rho} = 18.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -417 \text{ Hz}$$



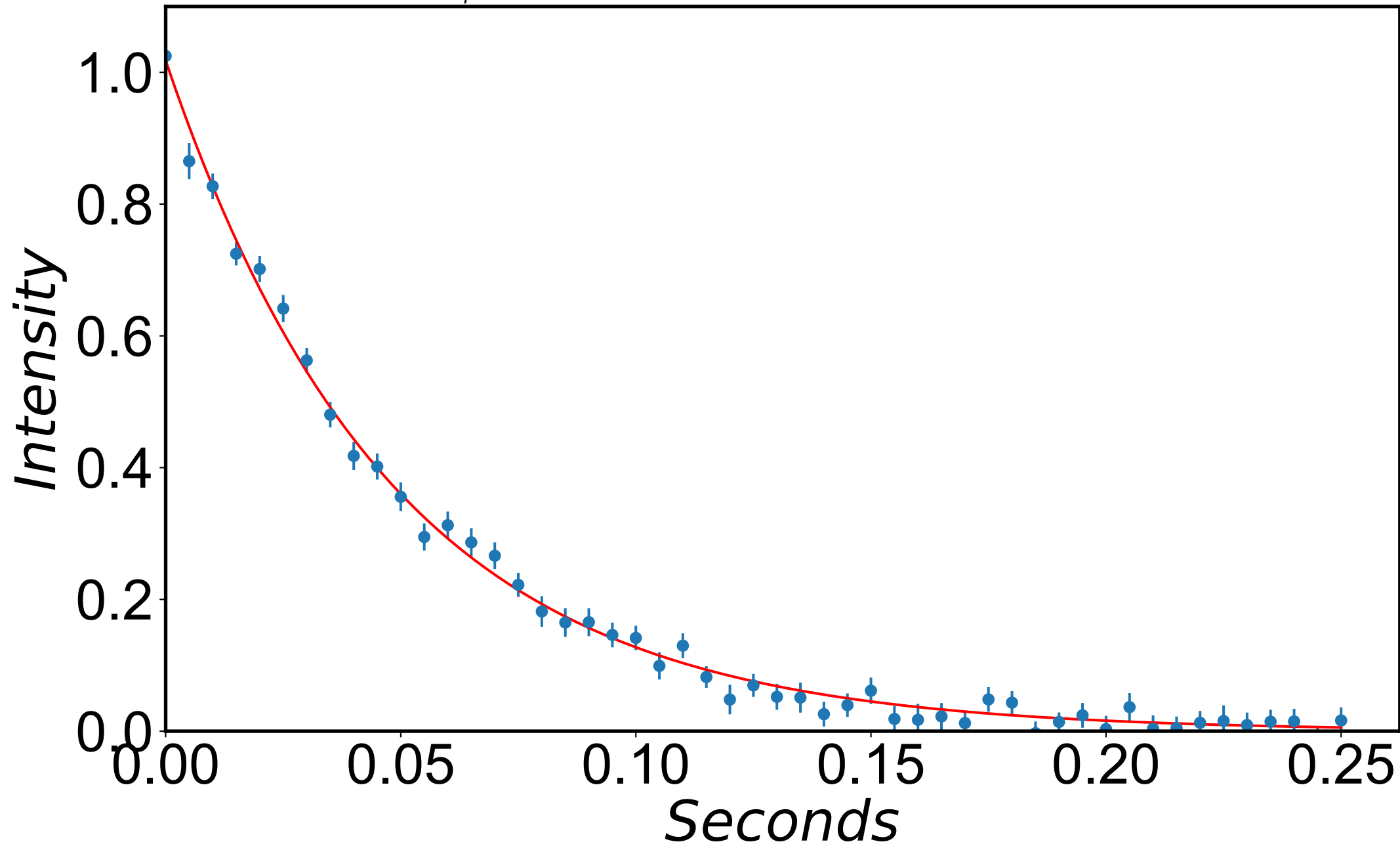
$$R_{1\rho} = 19.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -407 \text{ Hz}$$



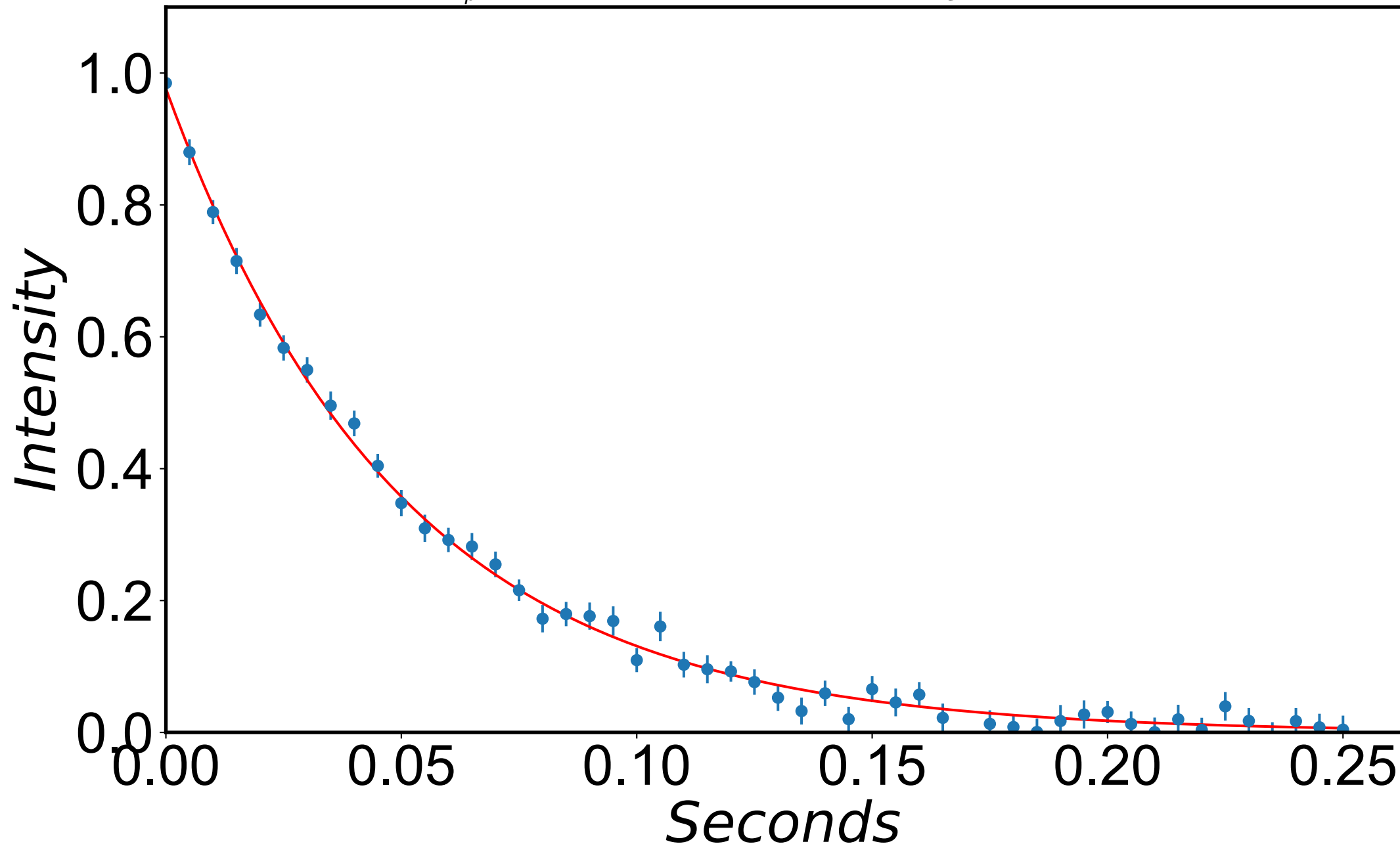
$$R_{1\rho} = 19.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -397 \text{ Hz}$$



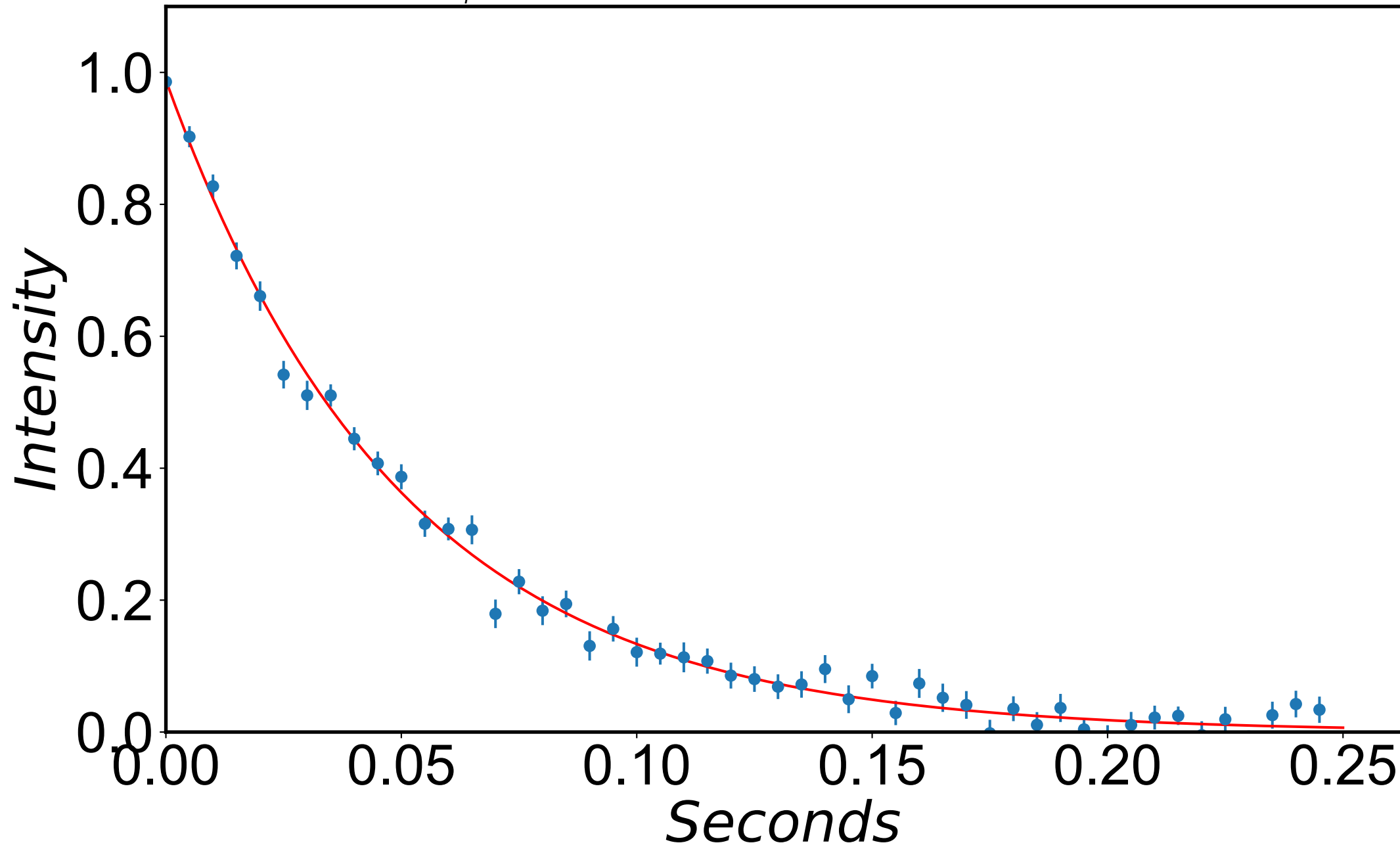
$$R_{1\rho} = 20.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -387 \text{ Hz}$$



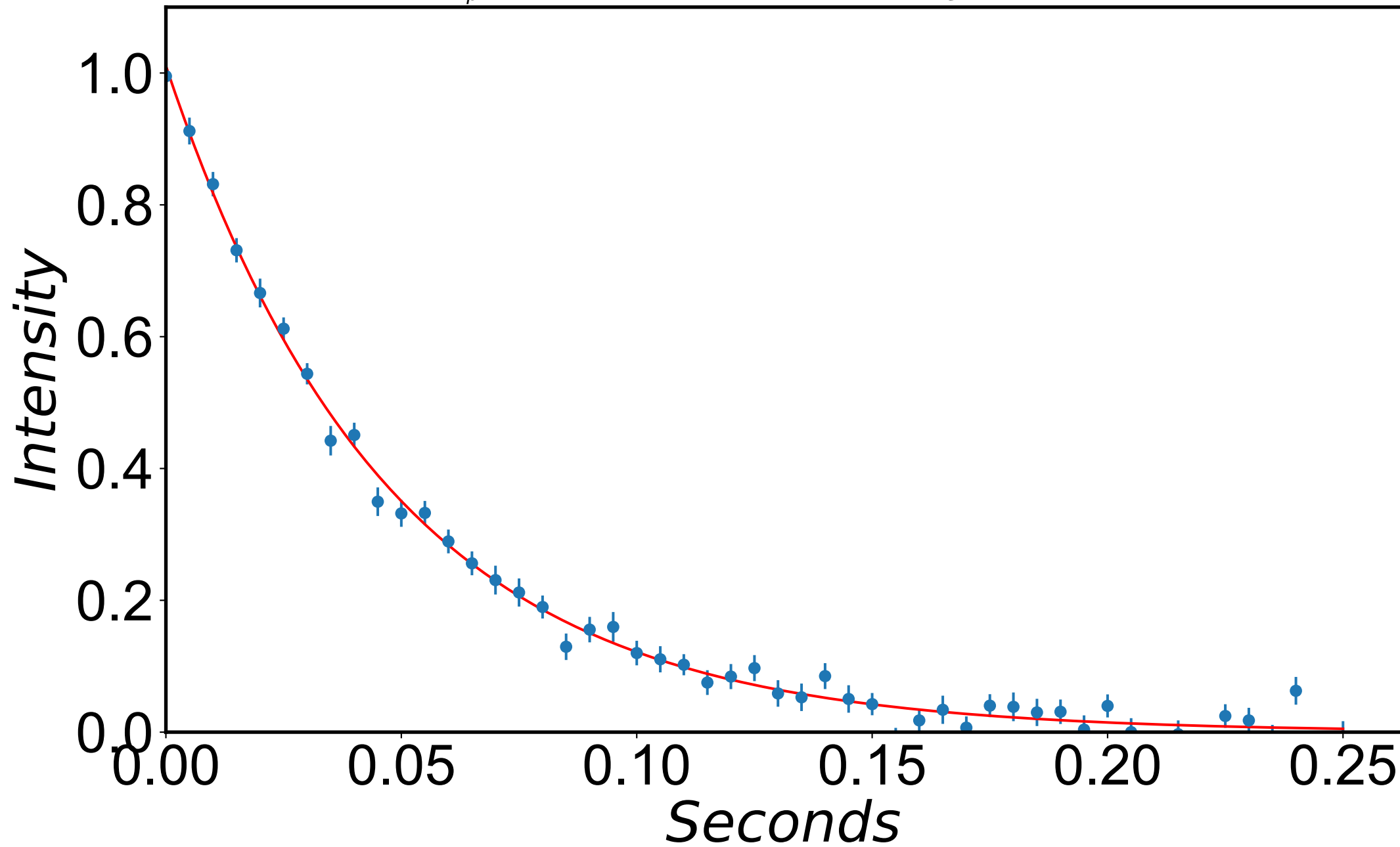
$$R_{1\rho} = 20.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -377 \text{ Hz}$$



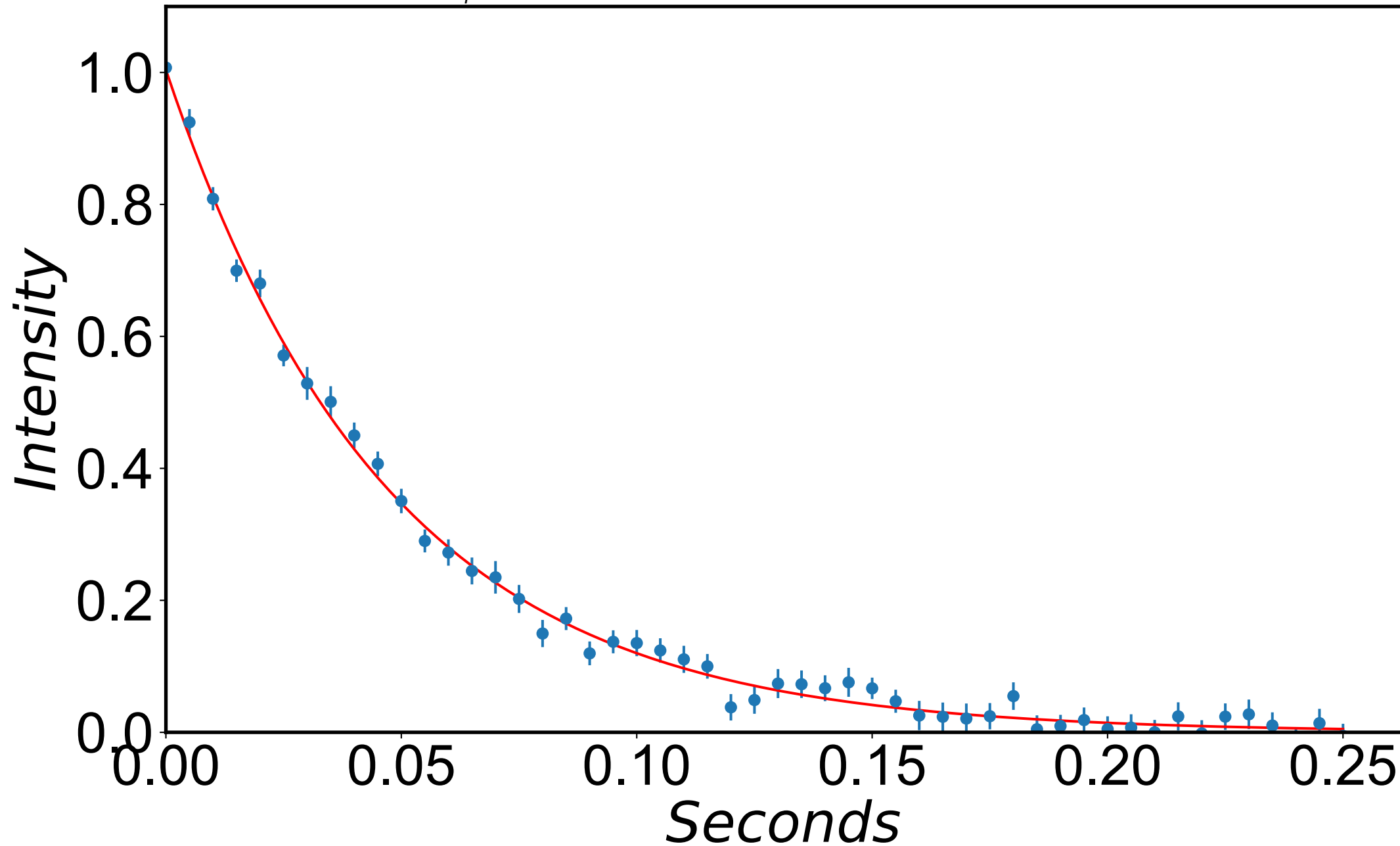
$$R_{1\rho} = 20.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -367 \text{ Hz}$$



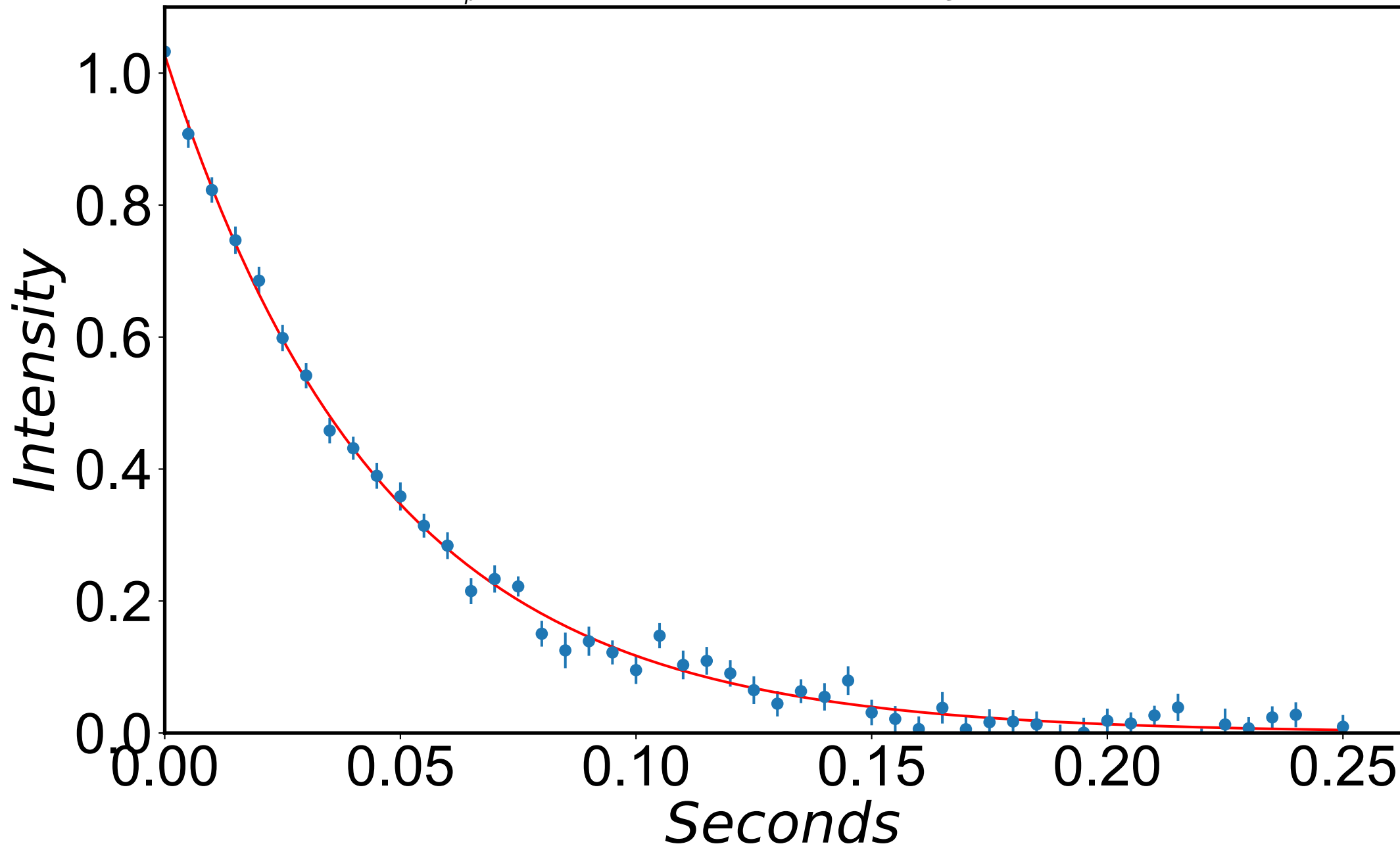
$$R_{1\rho} = 21.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -357 \text{ Hz}$$



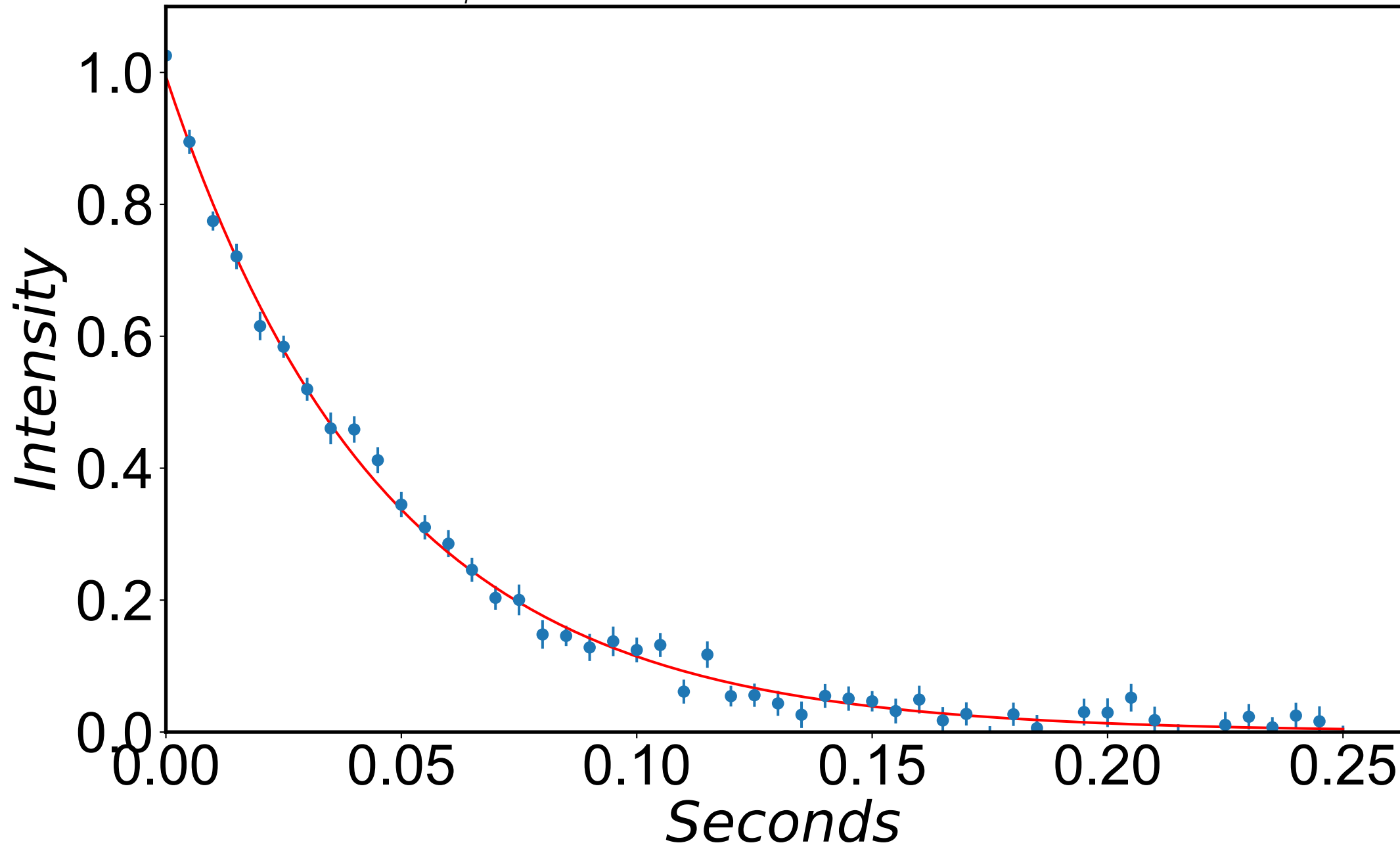
$$R_{1\rho} = 21.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -347 \text{ Hz}$$



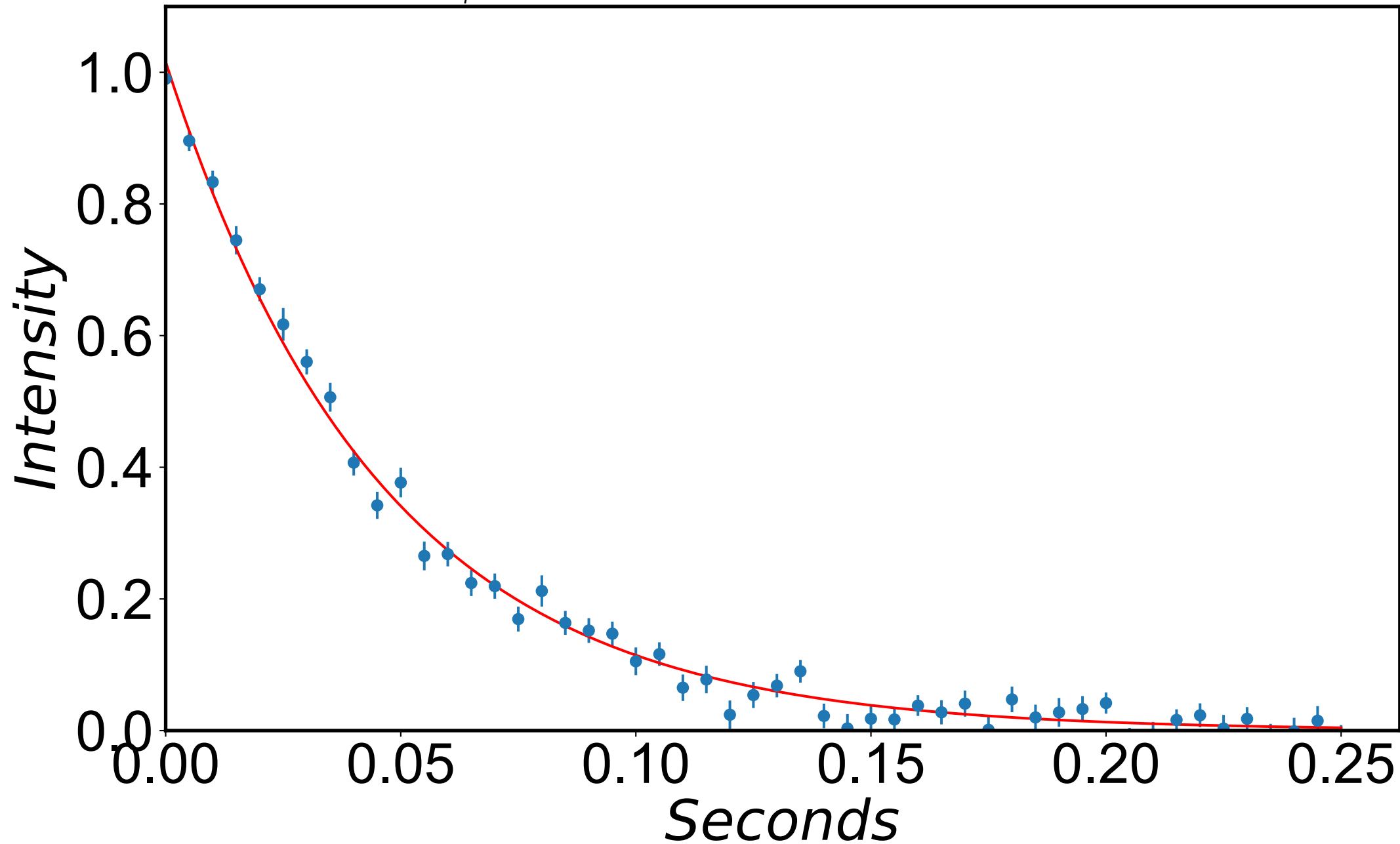
$$R_{1\rho} = 21.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -337 \text{ Hz}$$



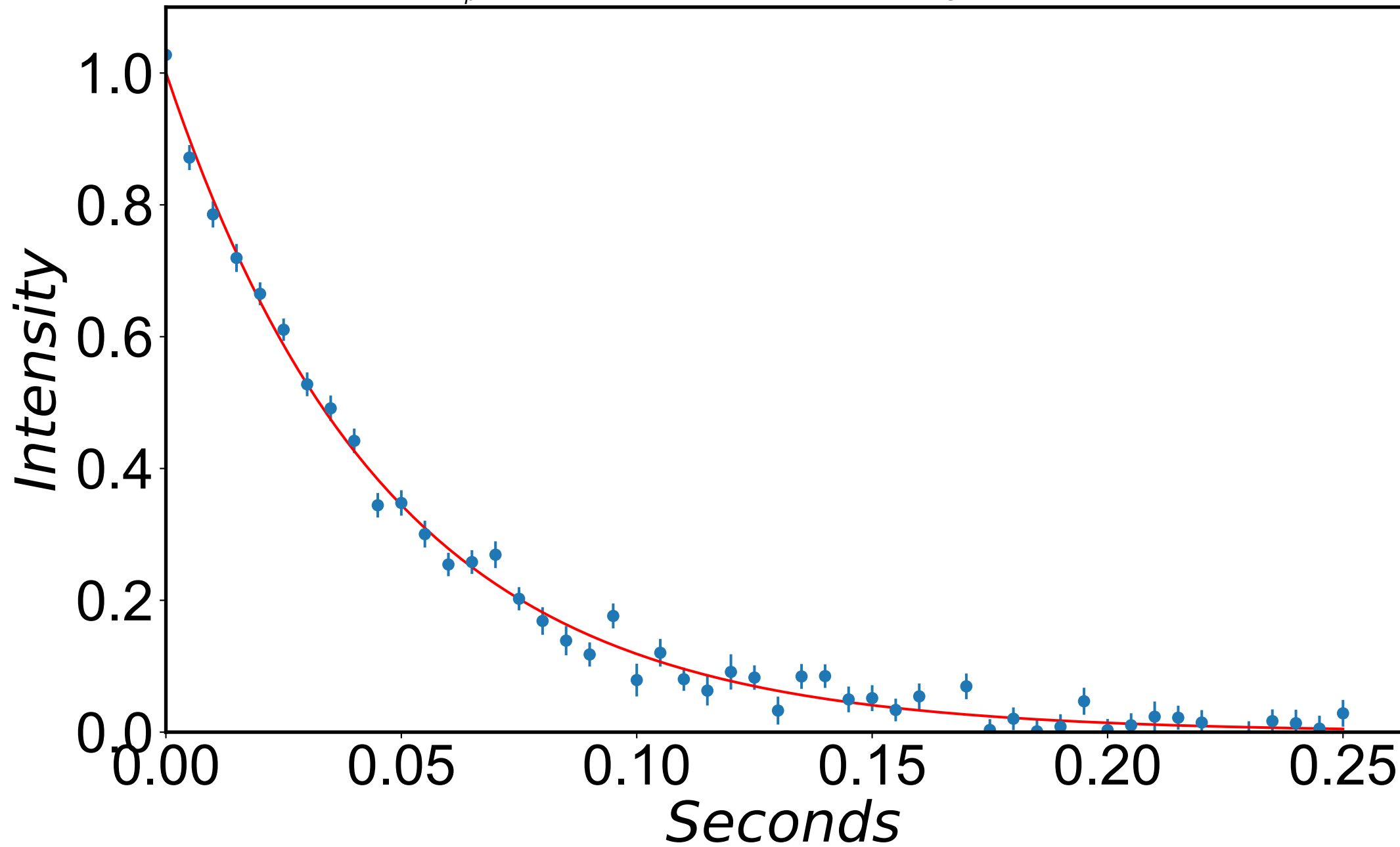
$$R_{1\rho} = 21.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -327 \text{ Hz}$$



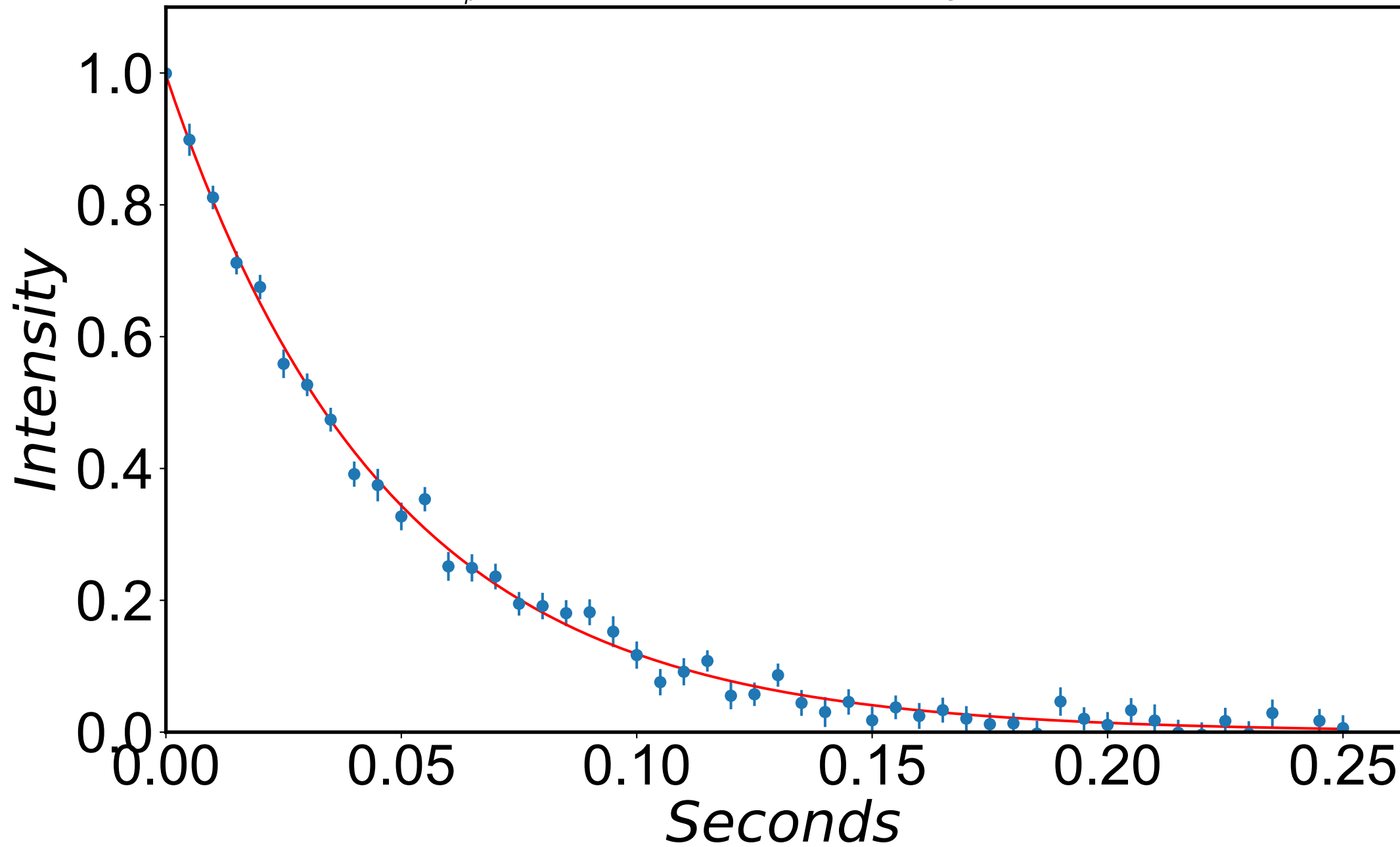
$$R_{1\rho} = 21.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -317 \text{ Hz}$$



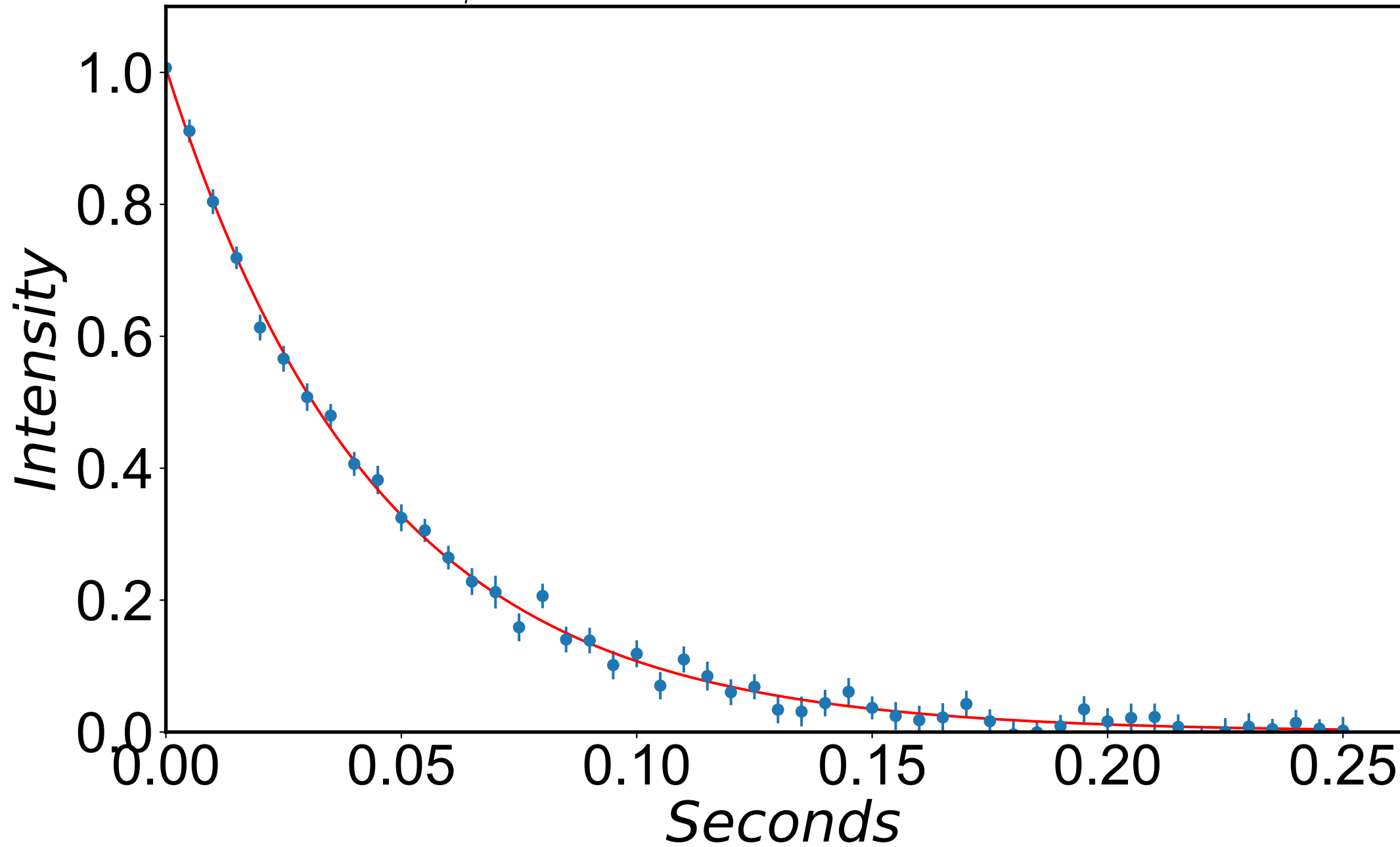
$$R_{1\rho} = 21.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -307 \text{ Hz}$$



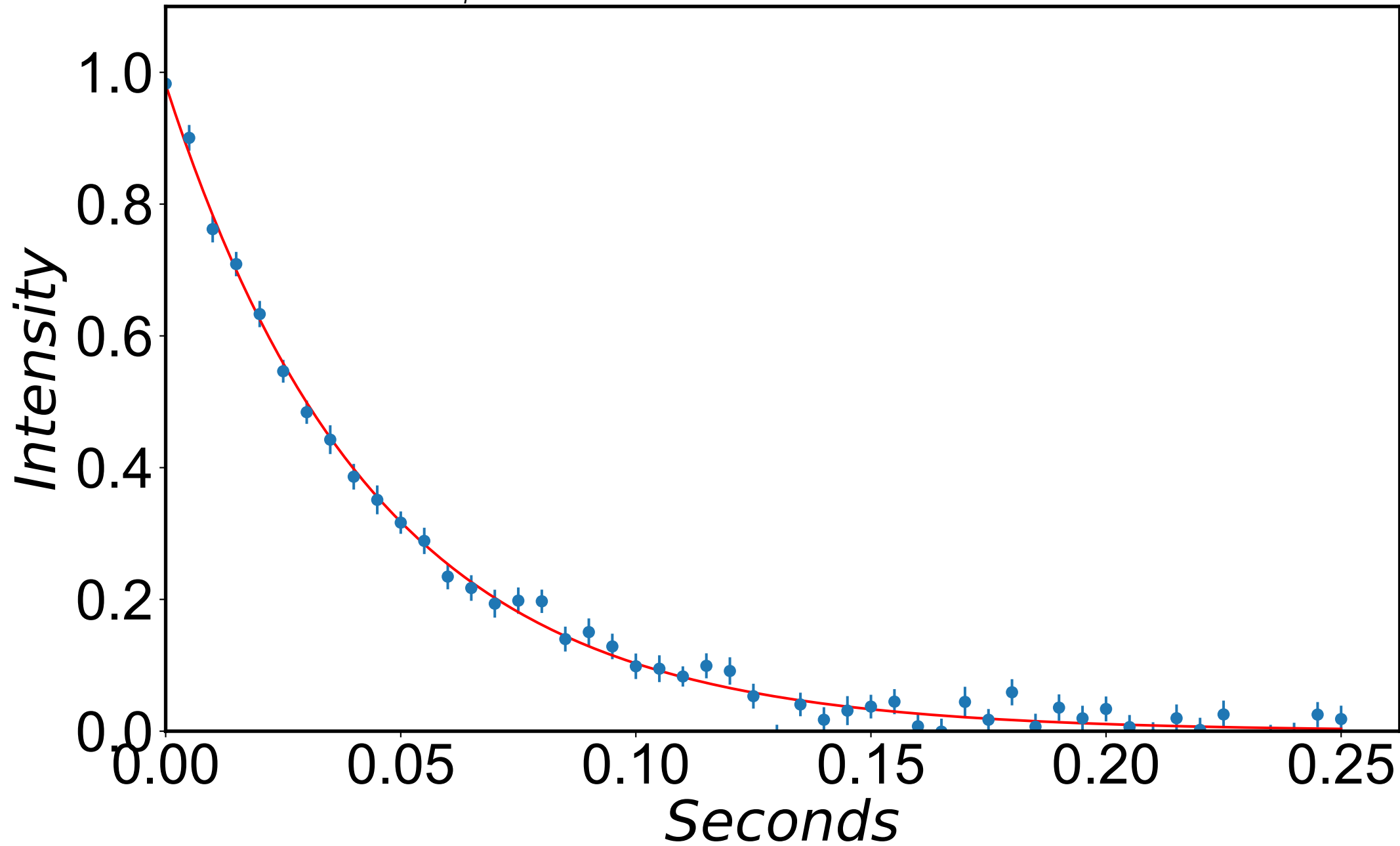
$$R_{1\rho} = 21.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -296 \text{ Hz}$$



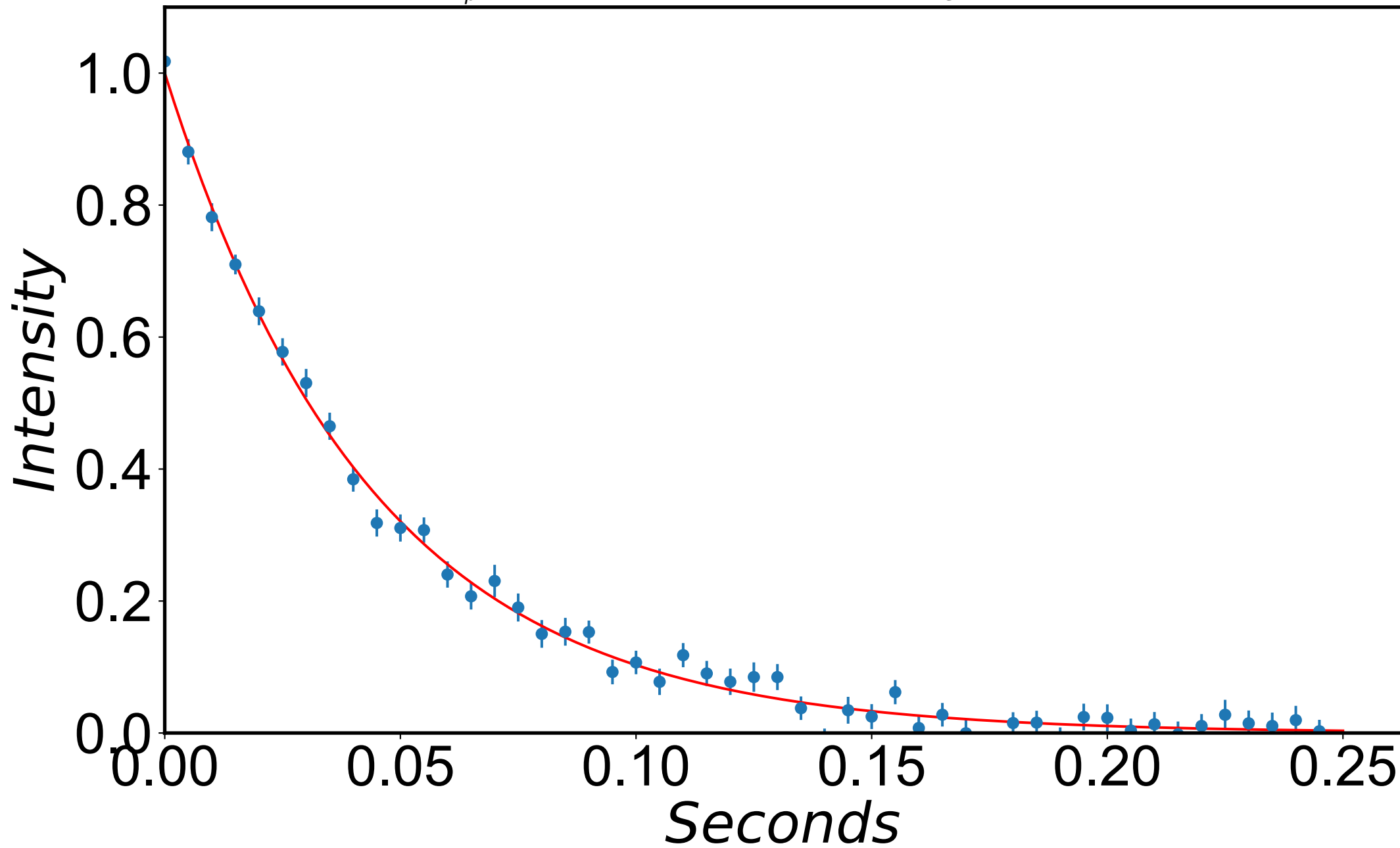
$$R_{1\rho} = 22.4 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -286 \text{ Hz}$$



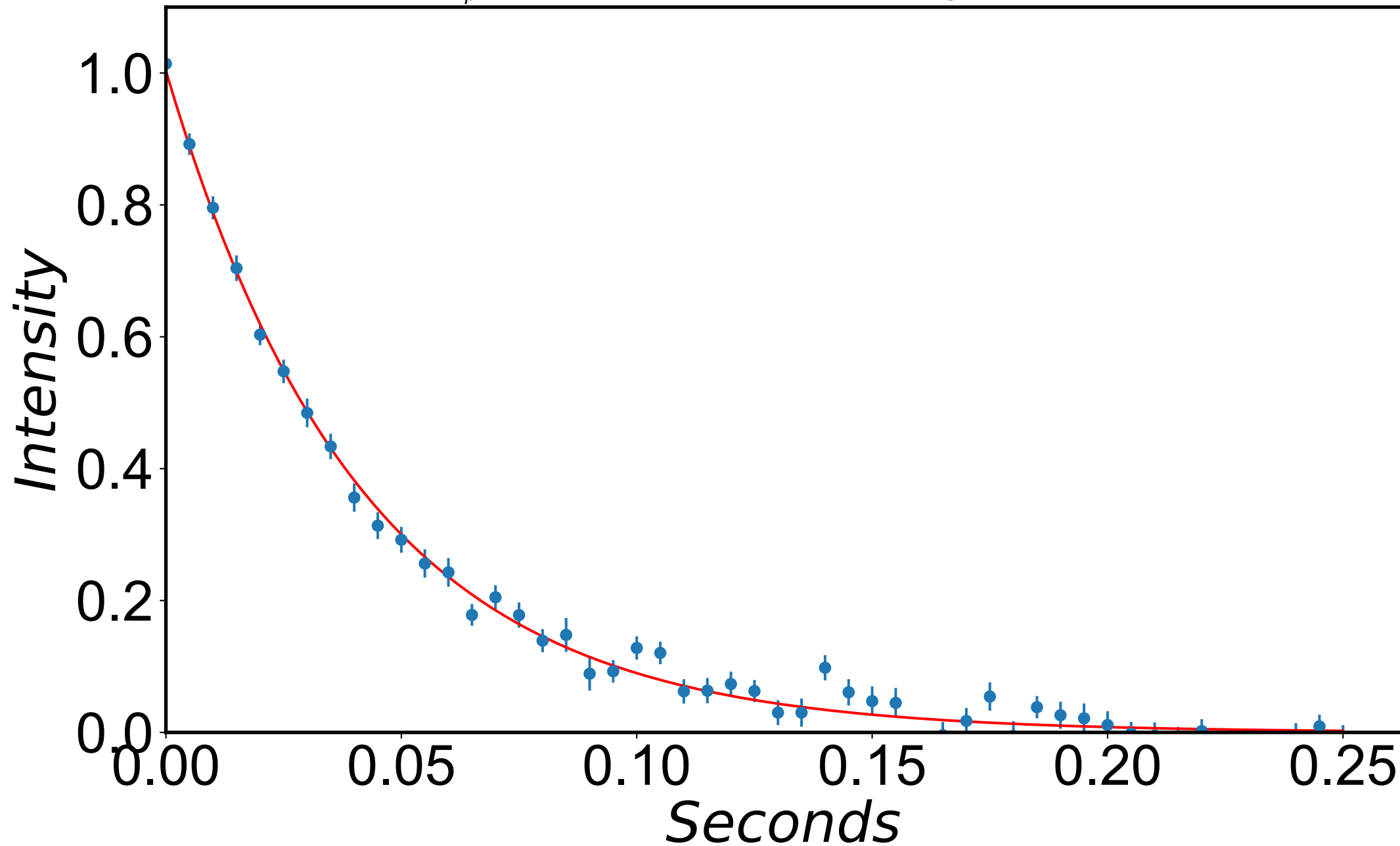
$$R_{1\rho} = 22.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -276 \text{ Hz}$$



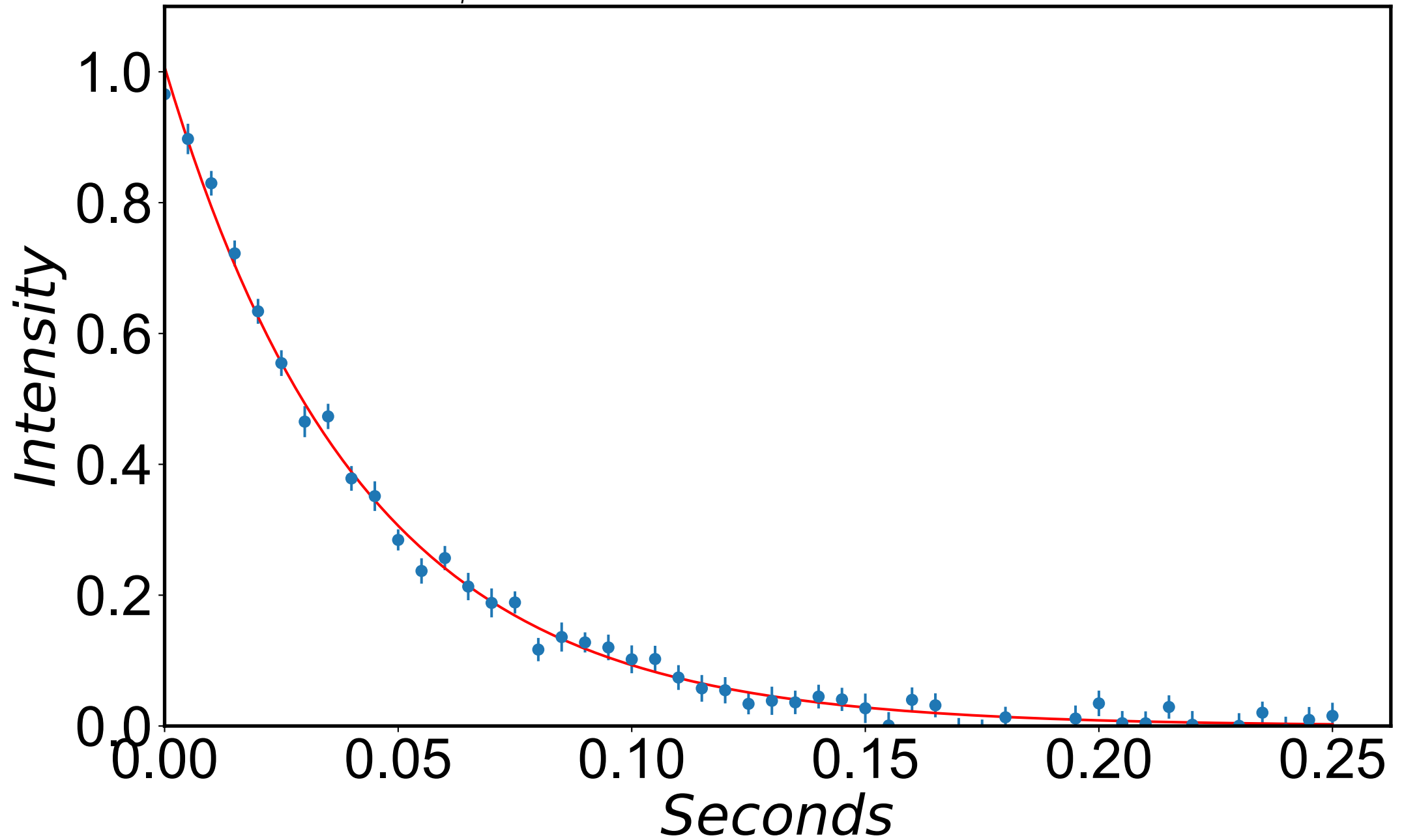
$$R_{1\rho} = 22.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -266 \text{ Hz}$$



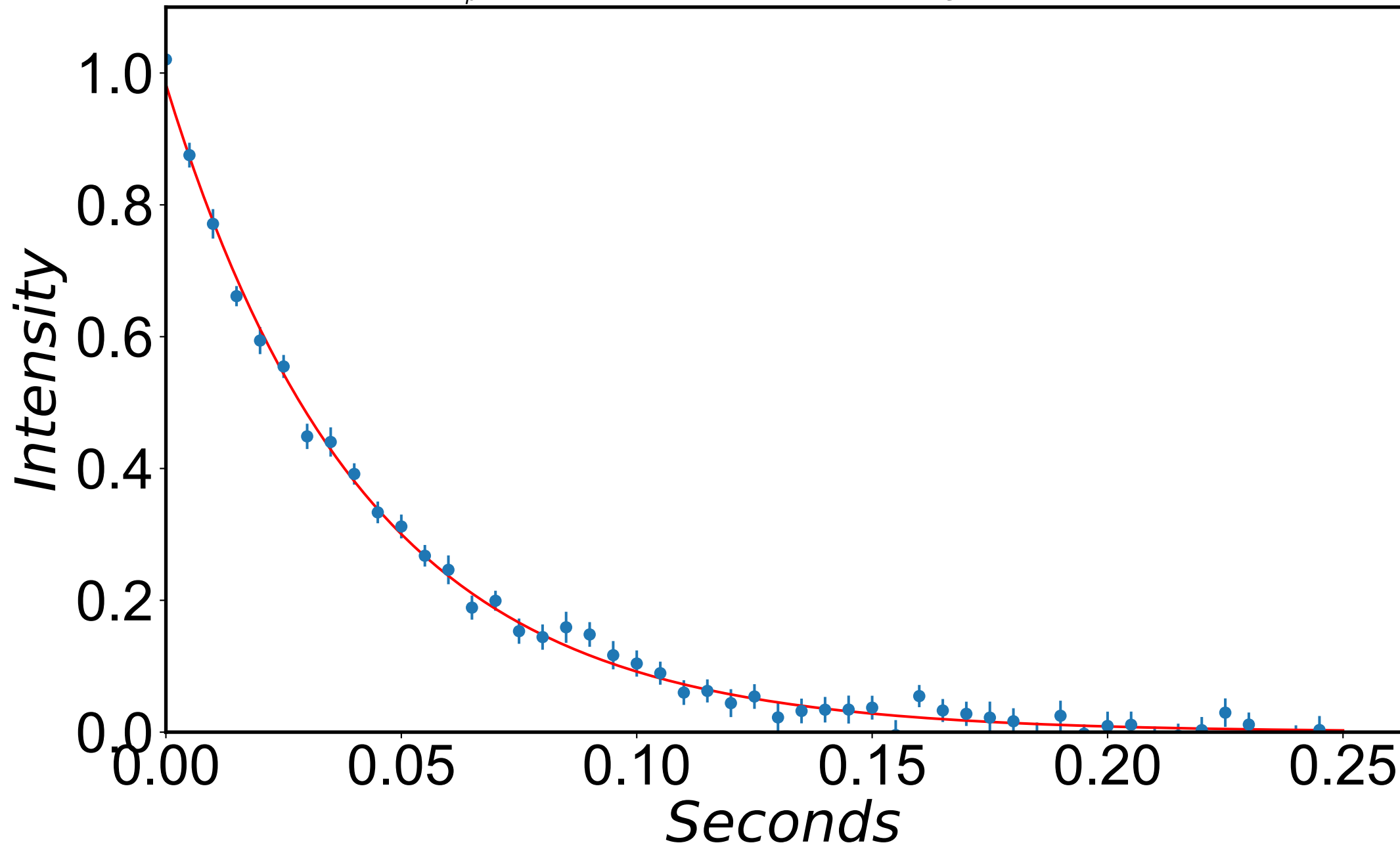
$$R_{1\rho} = 24.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -256 \text{ Hz}$$



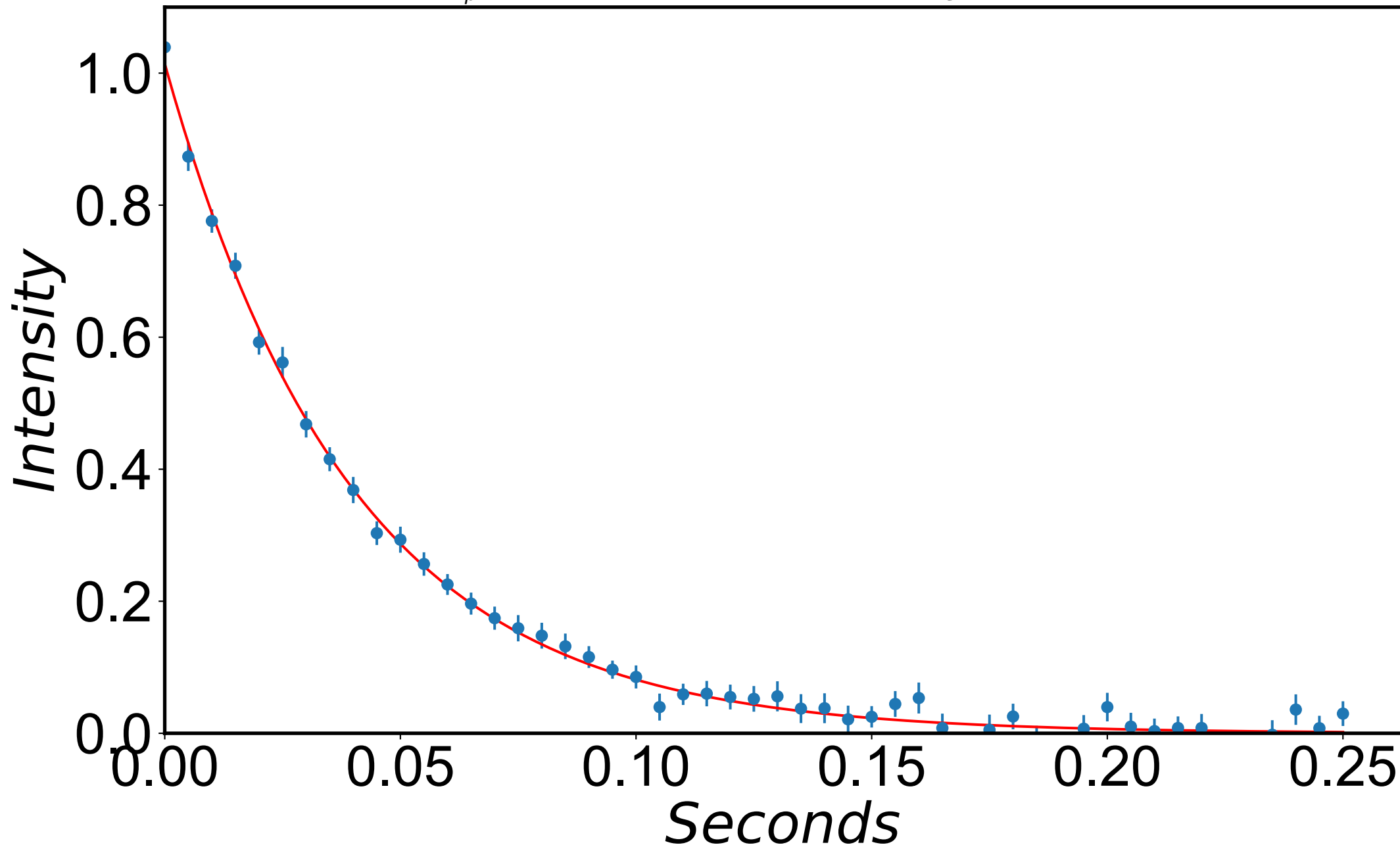
$$R_{1\rho} = 23.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -246 \text{ Hz}$$



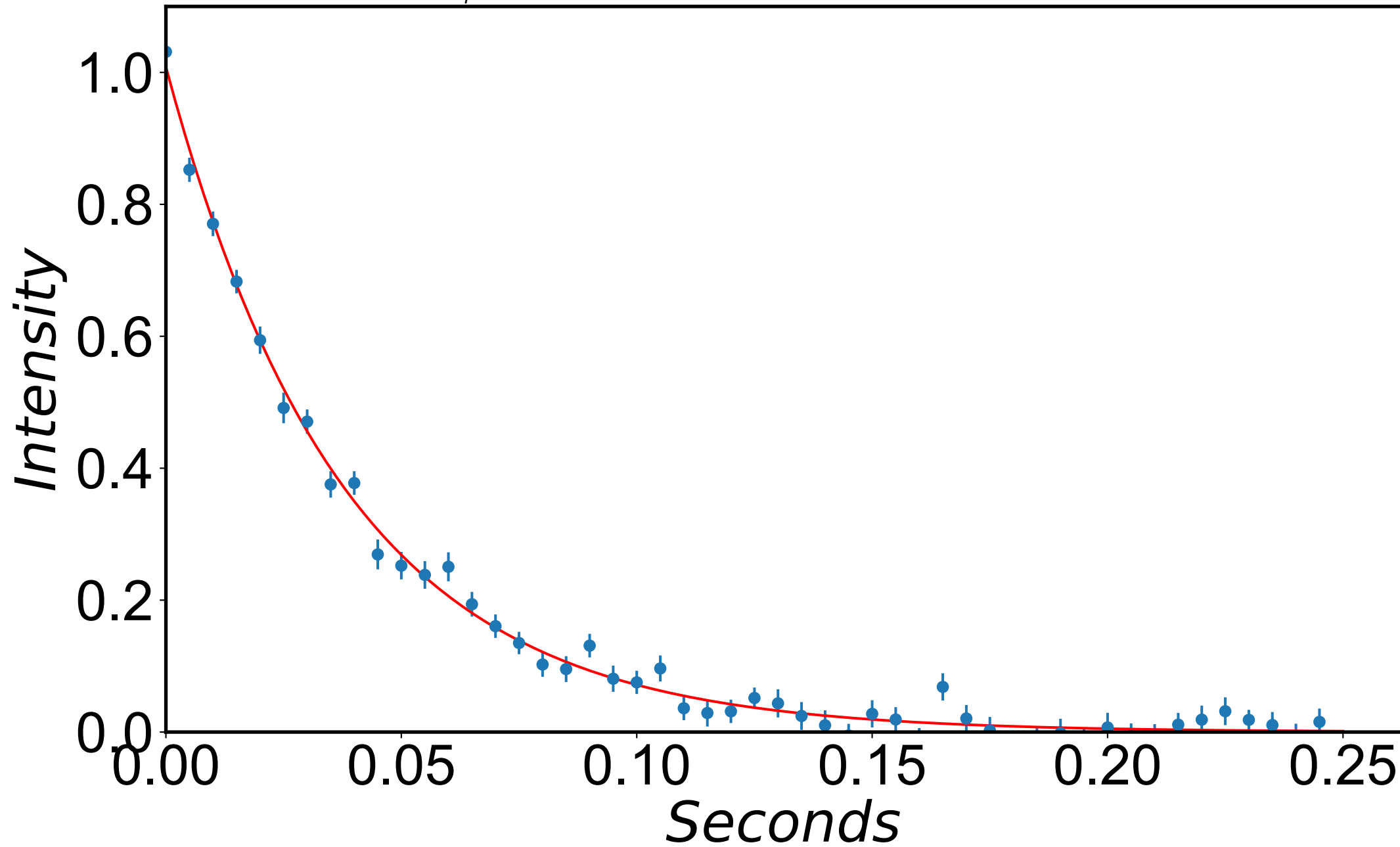
$$R_{1\rho} = 23.7 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -236 \text{ Hz}$$



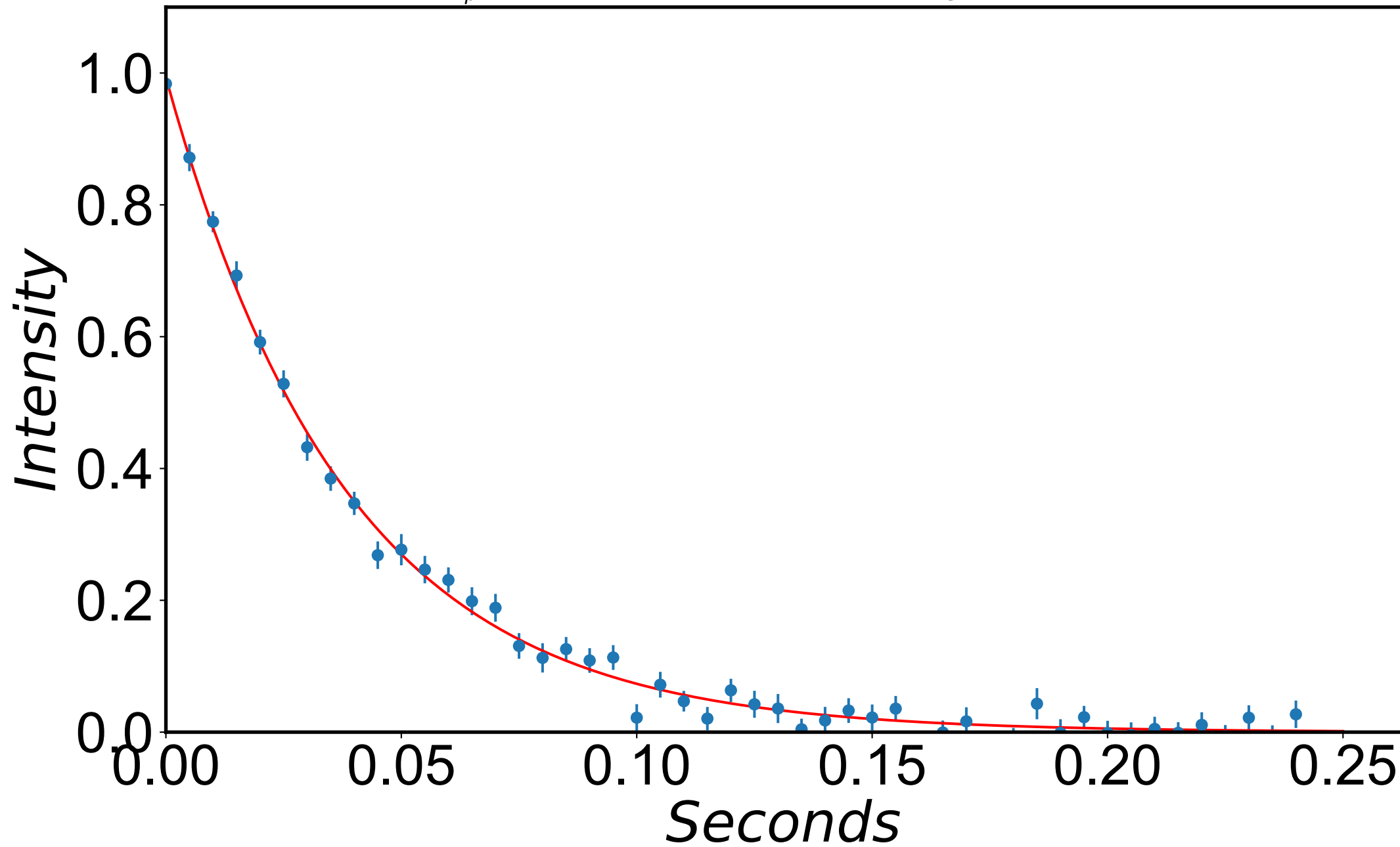
$$R_{1\rho} = 25.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -226 \text{ Hz}$$



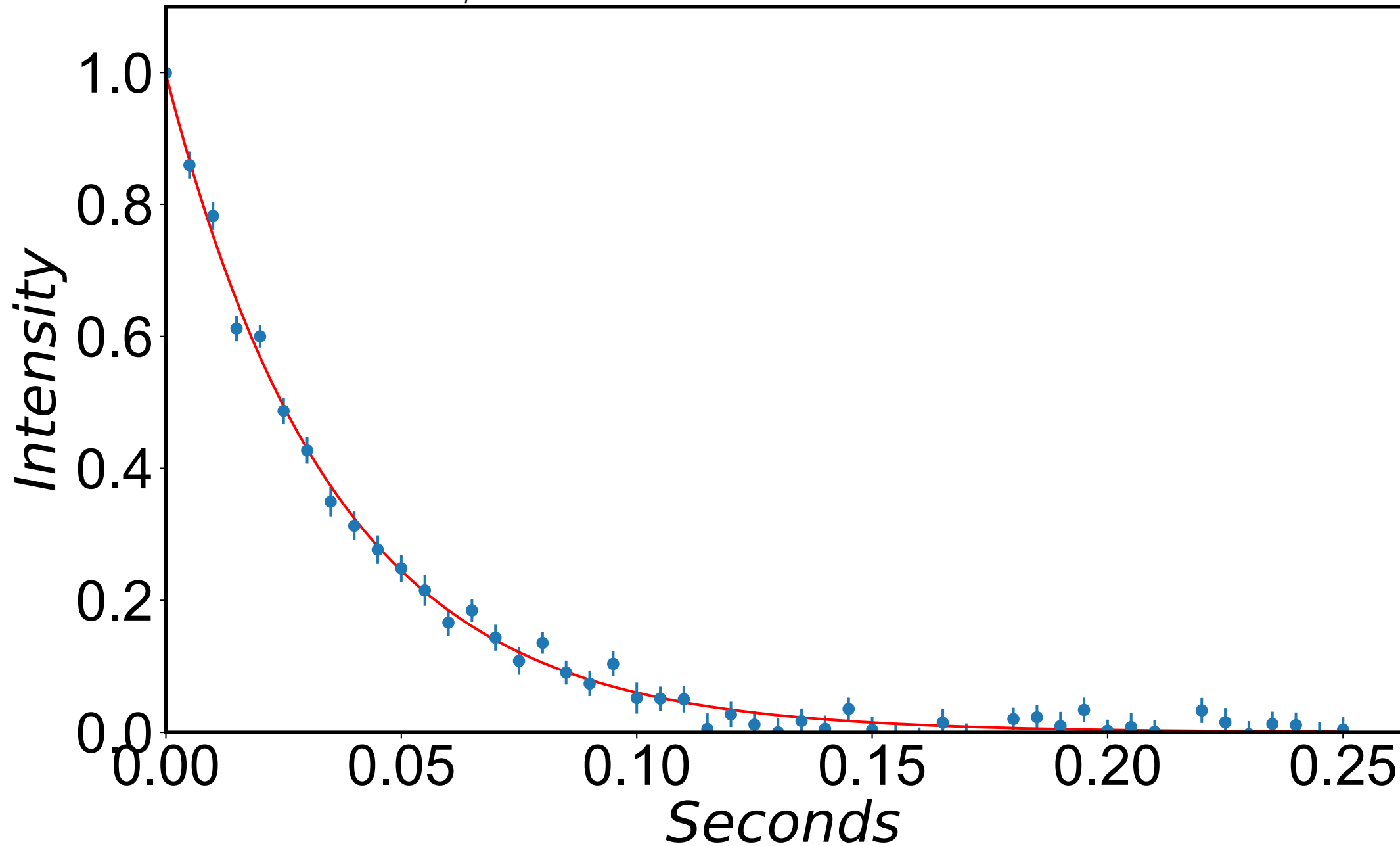
$$R_{1\rho} = 26.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -216 \text{ Hz}$$



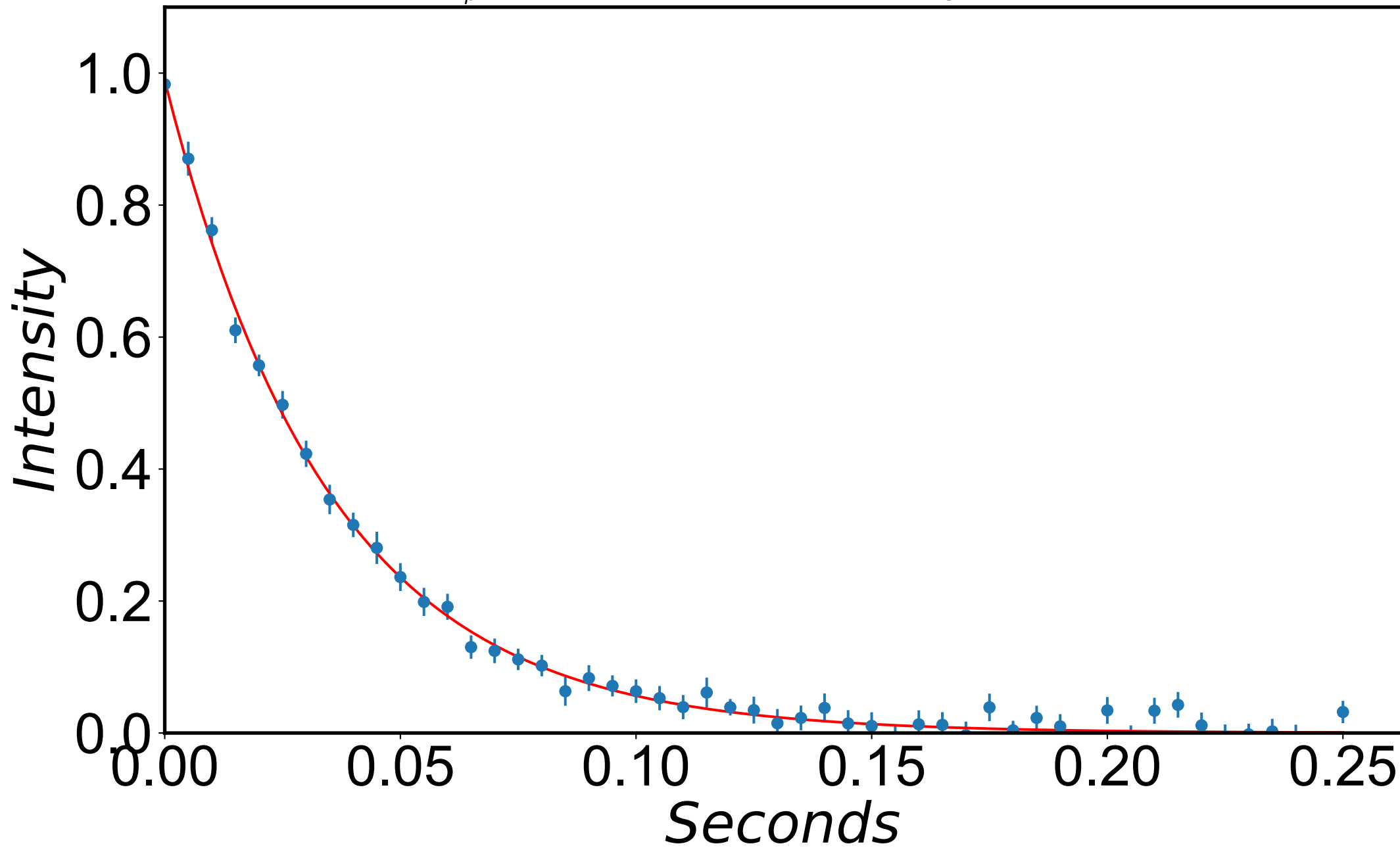
$$R_{1\rho} = 26.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -206 \text{ Hz}$$



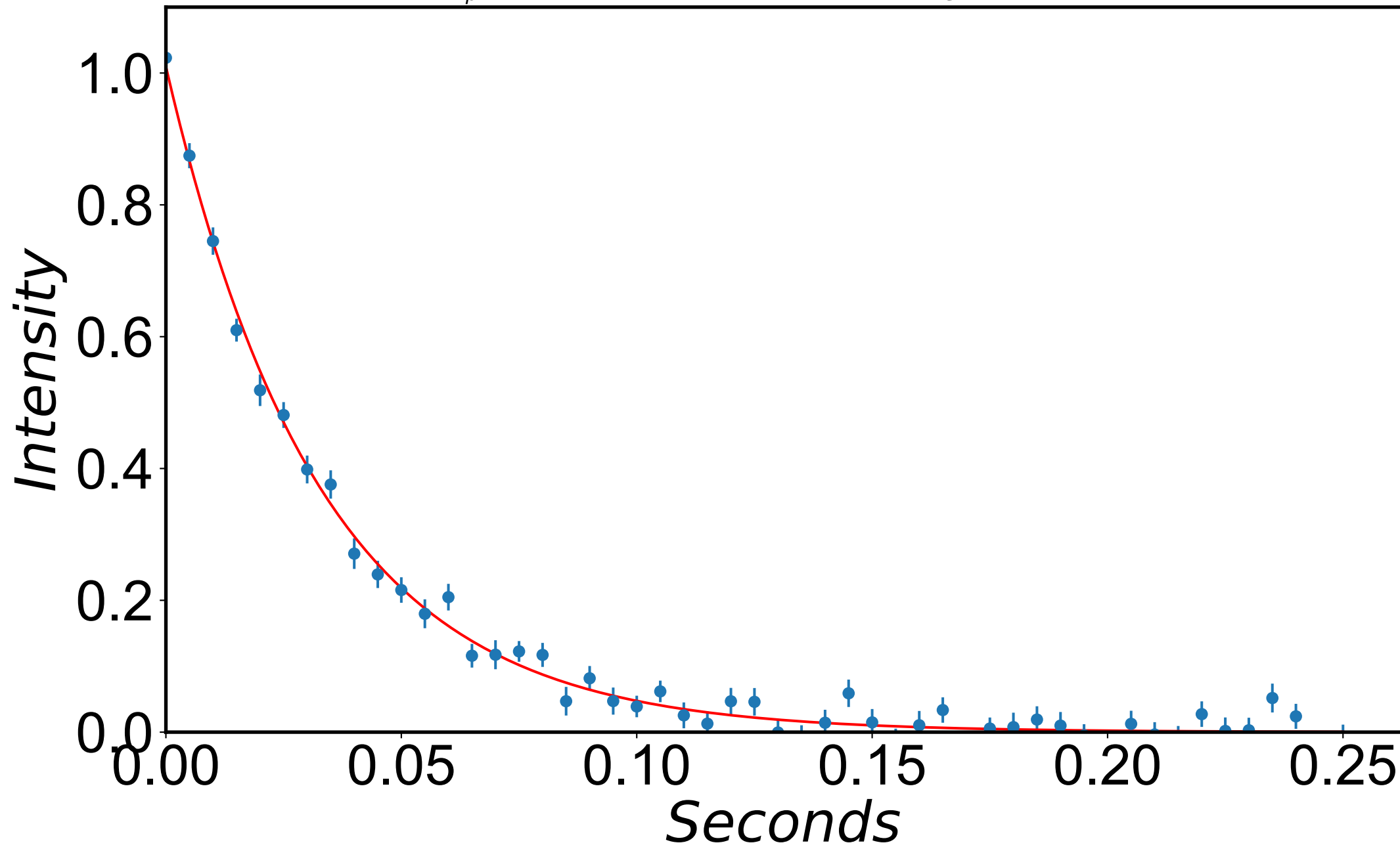
$$R_{1\rho} = 28.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -196 \text{ Hz}$$



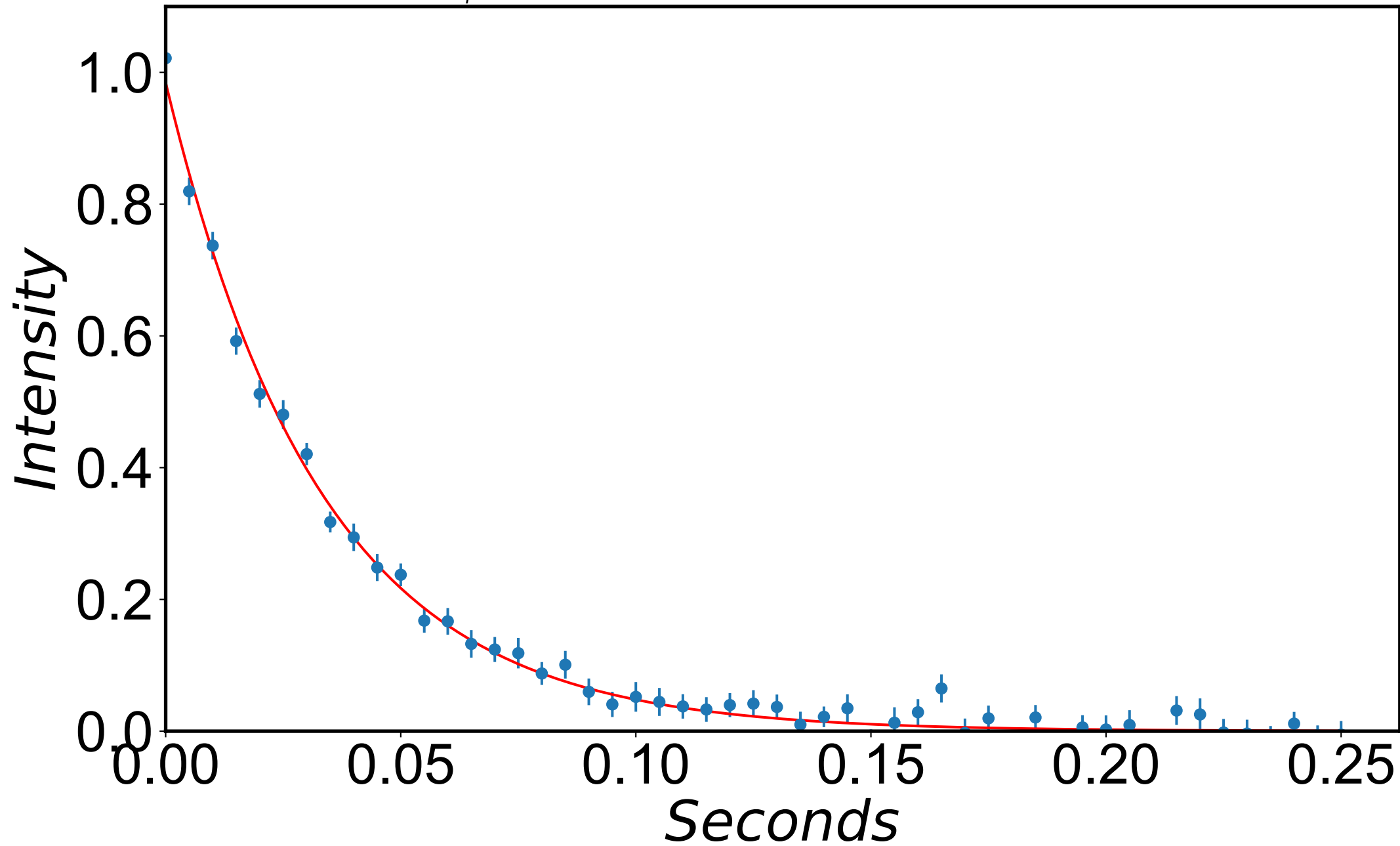
$$R_{1\rho} = 28.7 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -186 \text{ Hz}$$



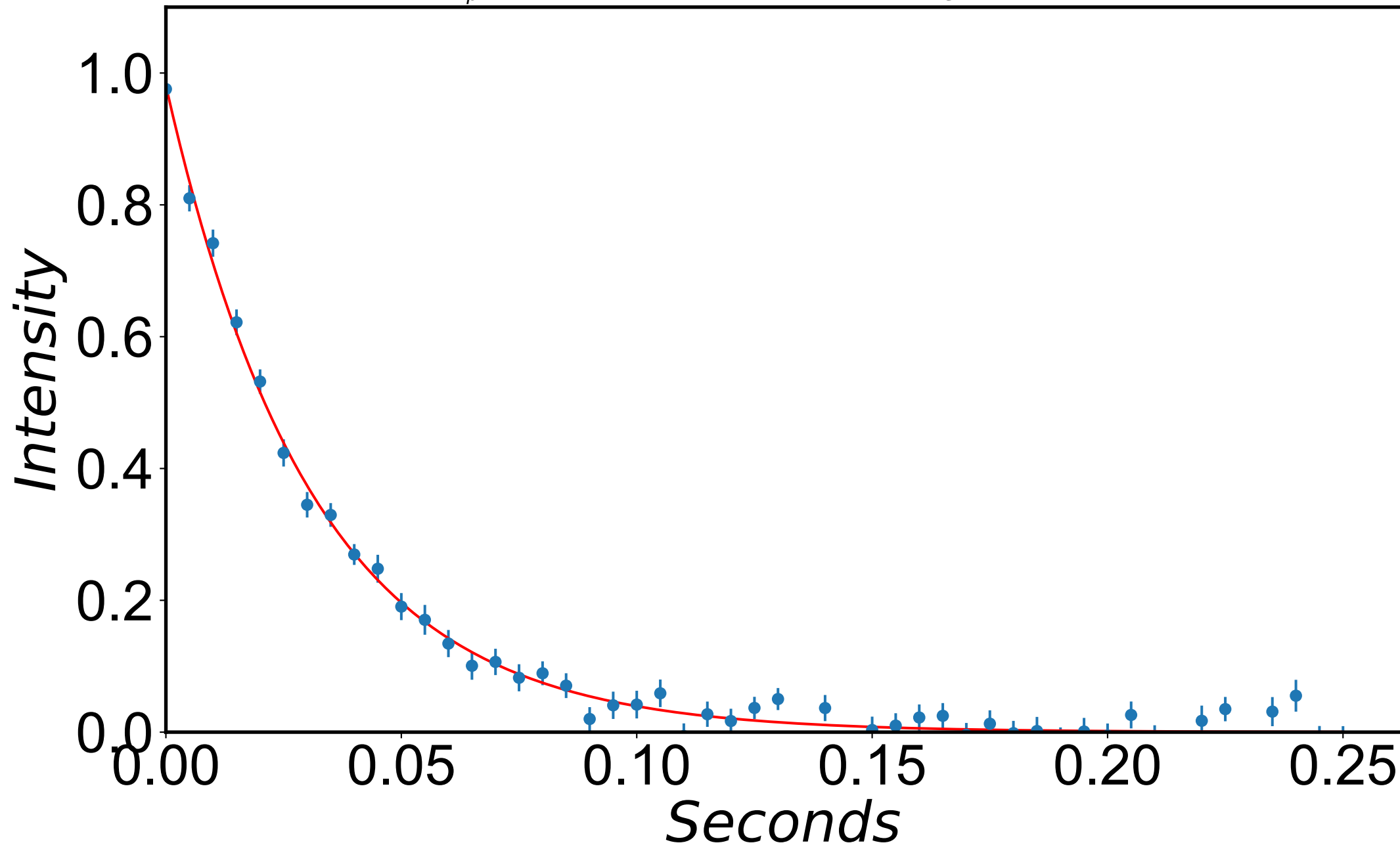
$$R_{1\rho} = 30.6 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -176 \text{ Hz}$$



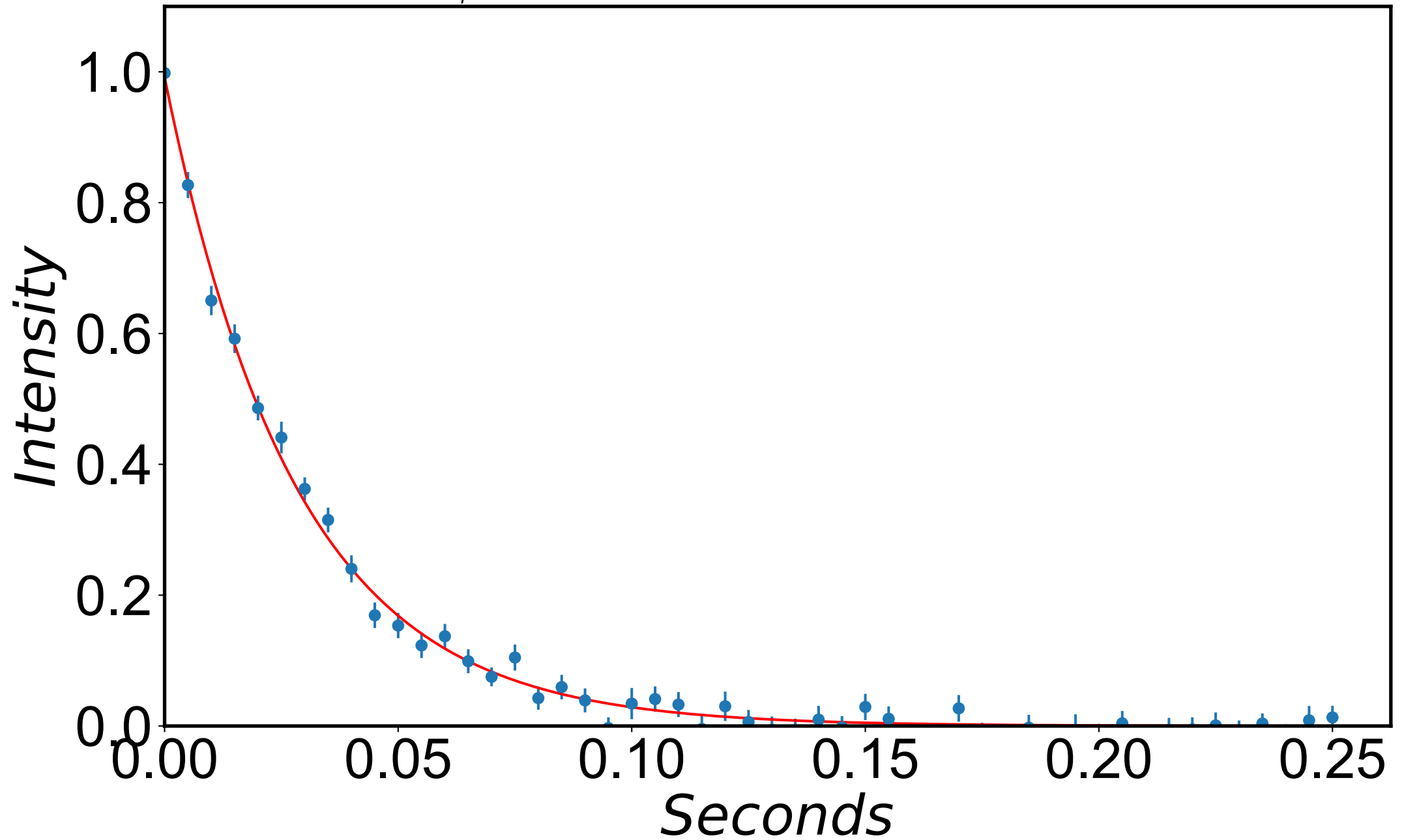
$$R_{1\rho} = 30.2 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -166 \text{ Hz}$$



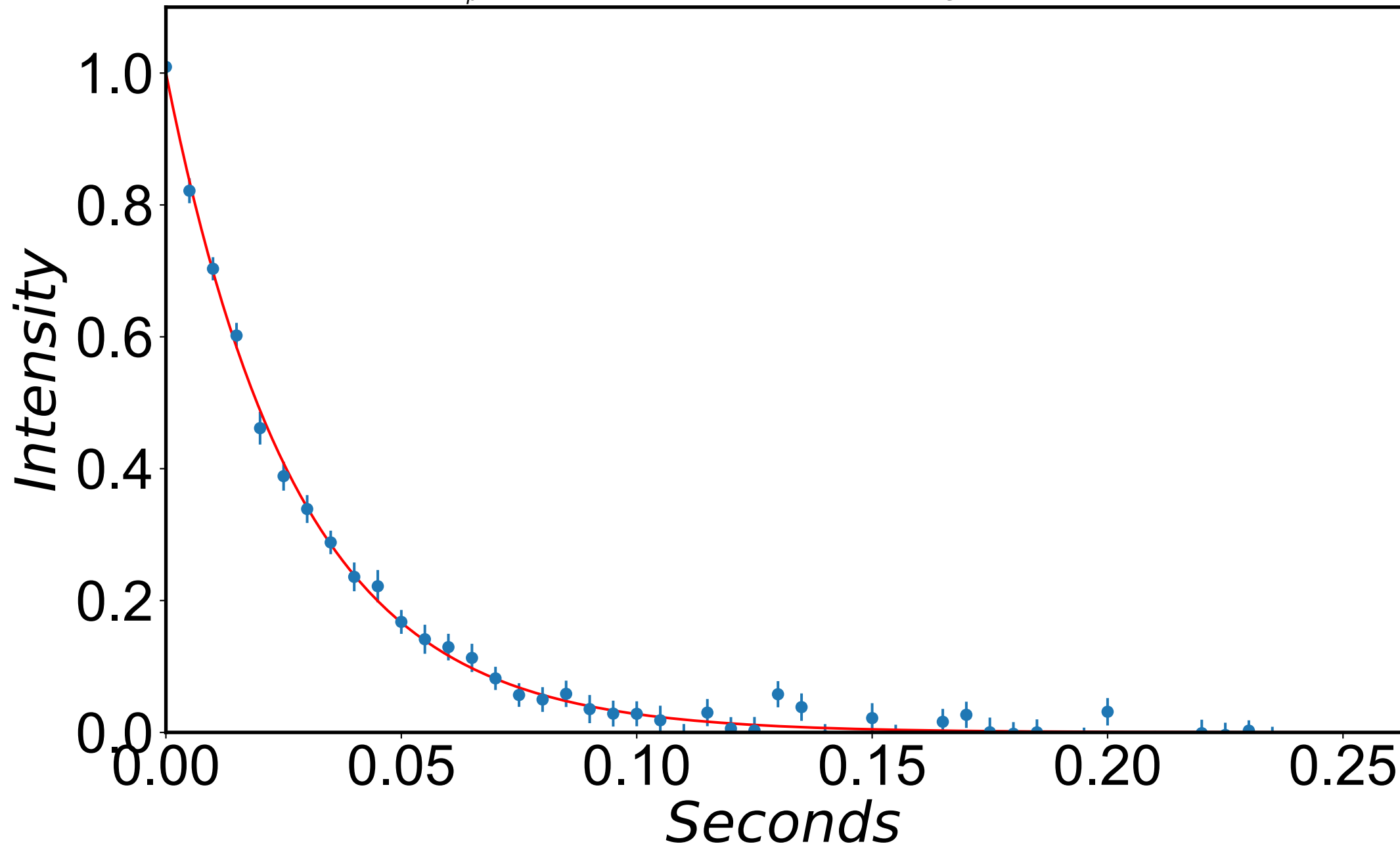
$$R_{1\rho} = 32.2 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -156 \text{ Hz}$$



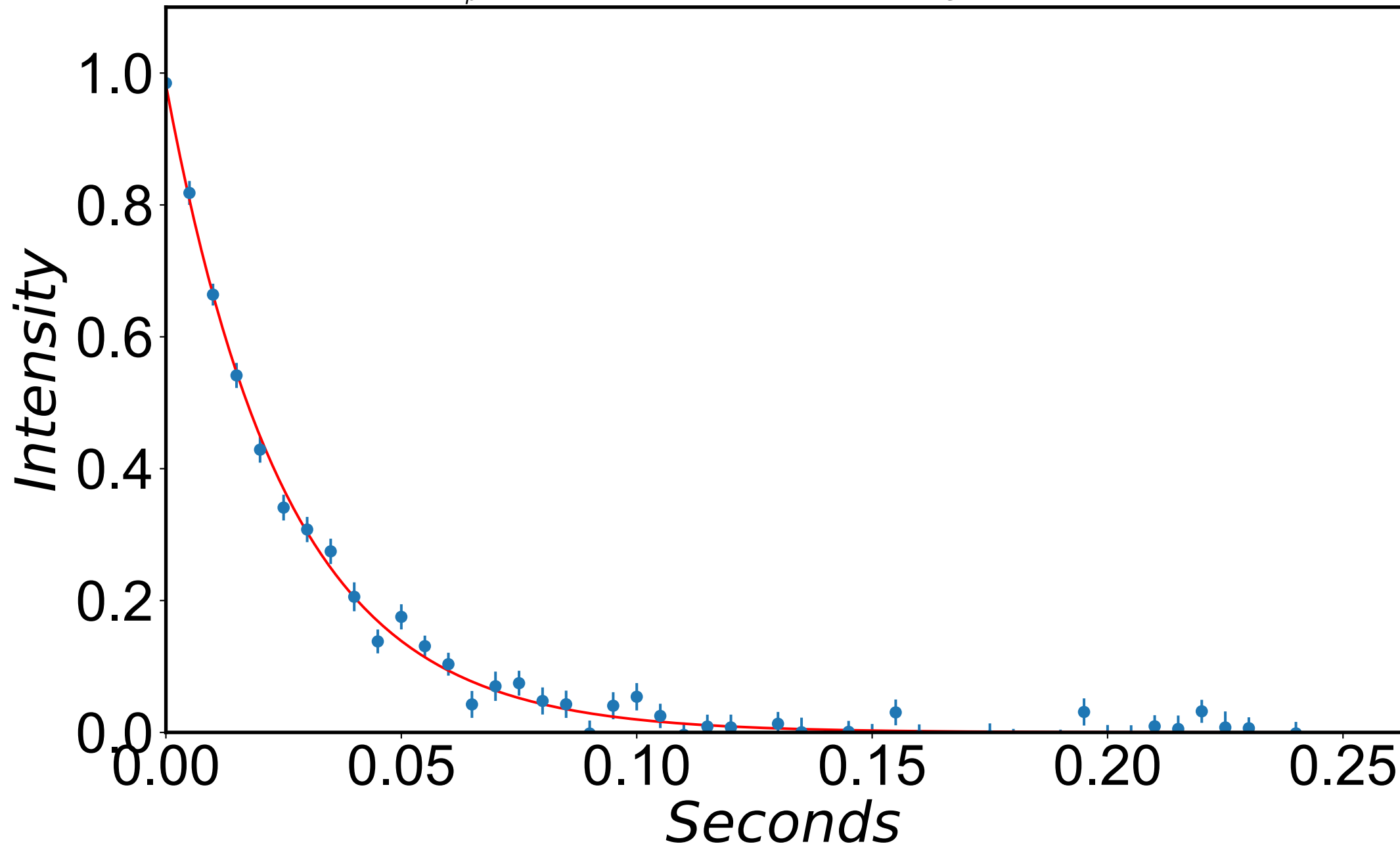
$$R_{1\rho} = 35.4 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -146 \text{ Hz}$$



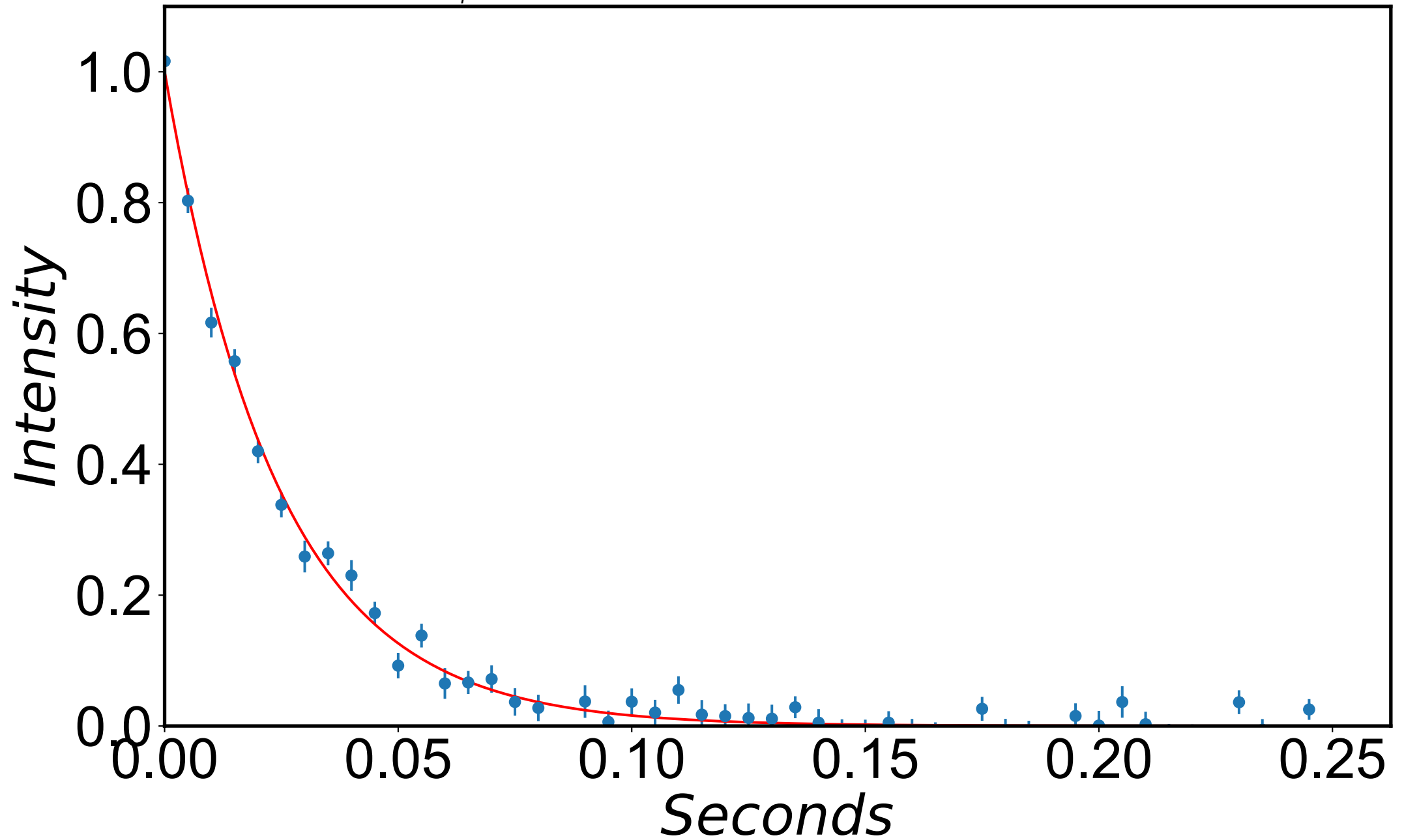
$$R_{1\rho} = 35.8 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -136 \text{ Hz}$$



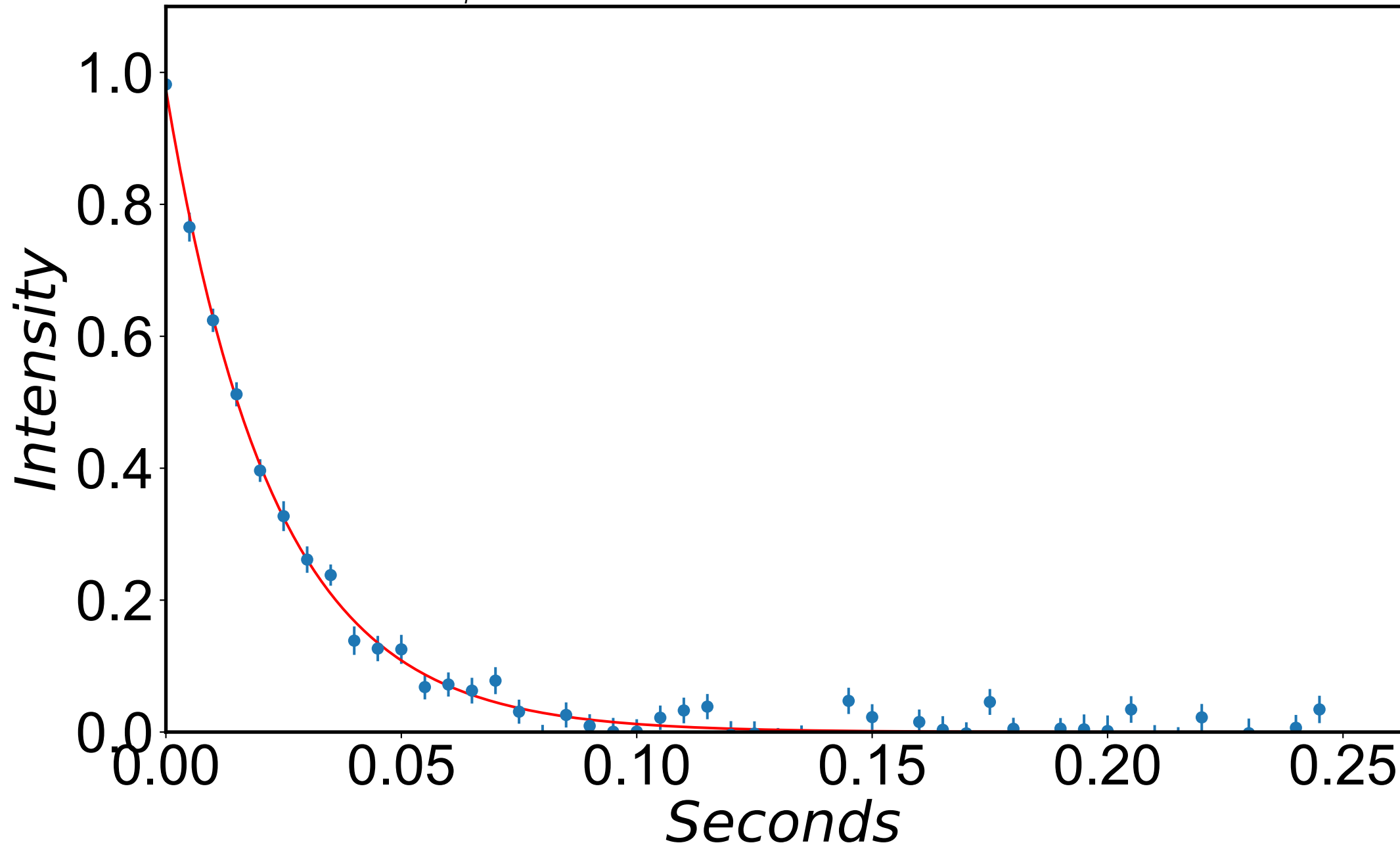
$$R_{1\rho} = 39.2 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -126 \text{ Hz}$$



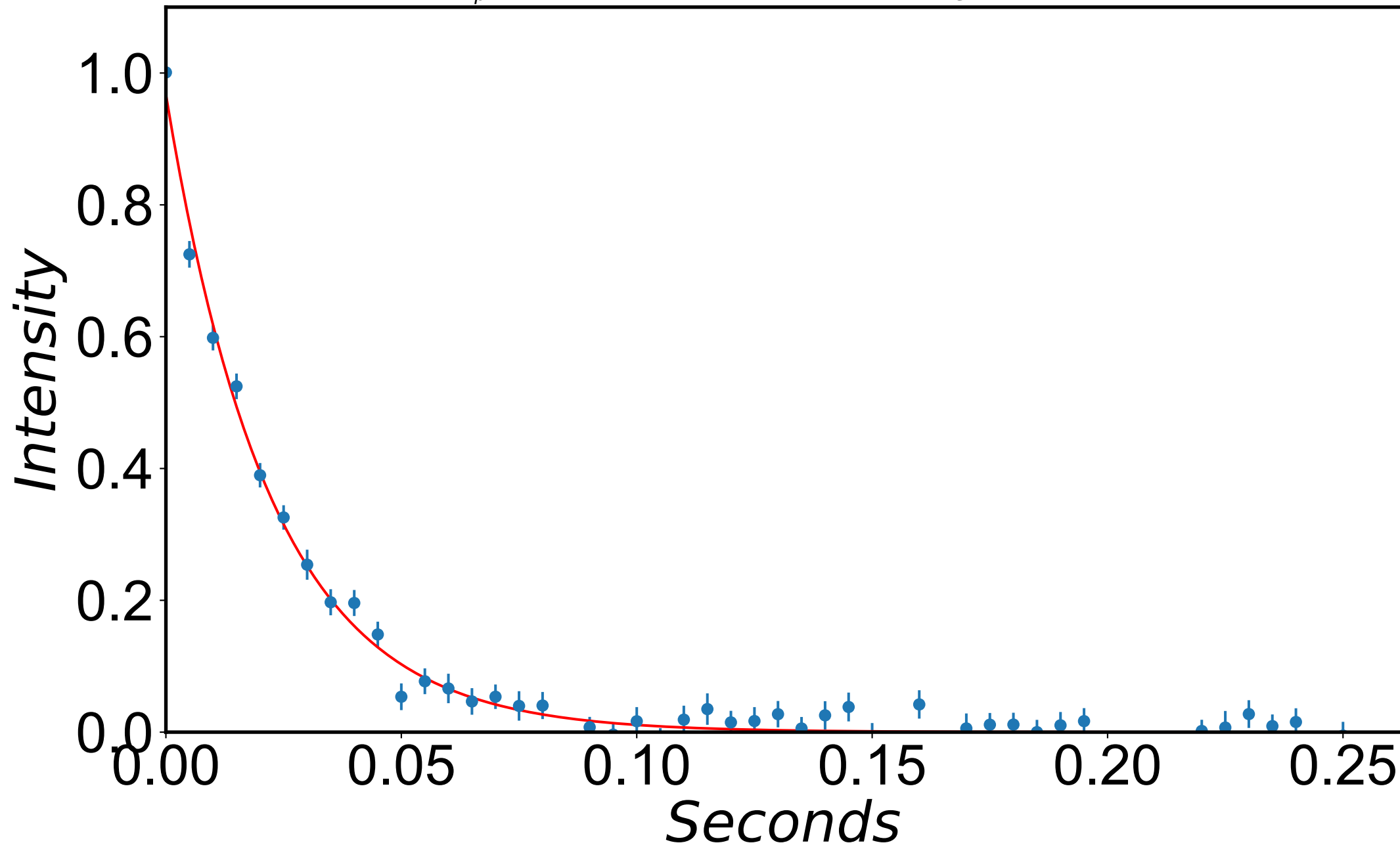
$$R_{1\rho} = 41.4 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -116 \text{ Hz}$$



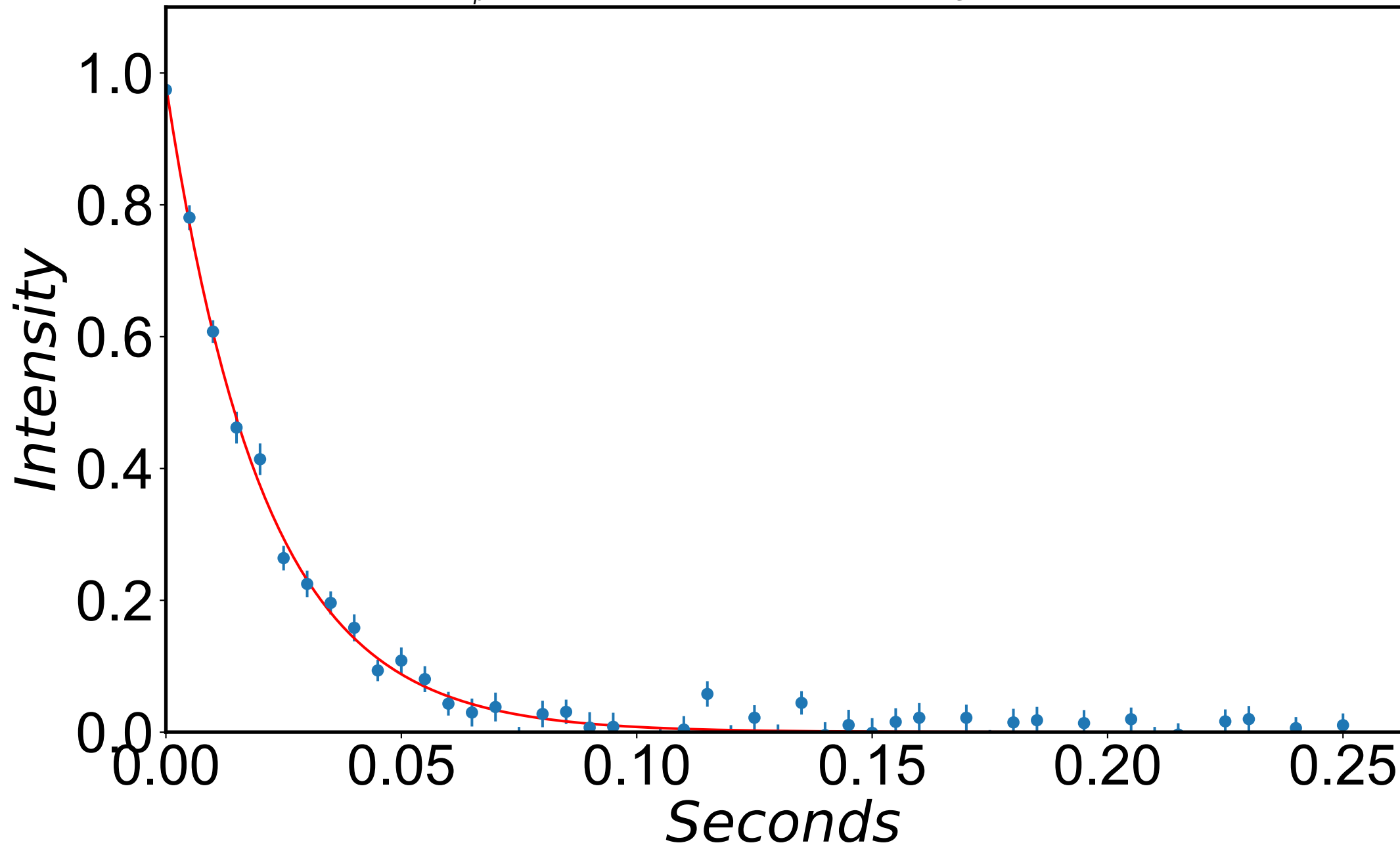
$$R_{1\rho} = 43.9 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -106 \text{ Hz}$$



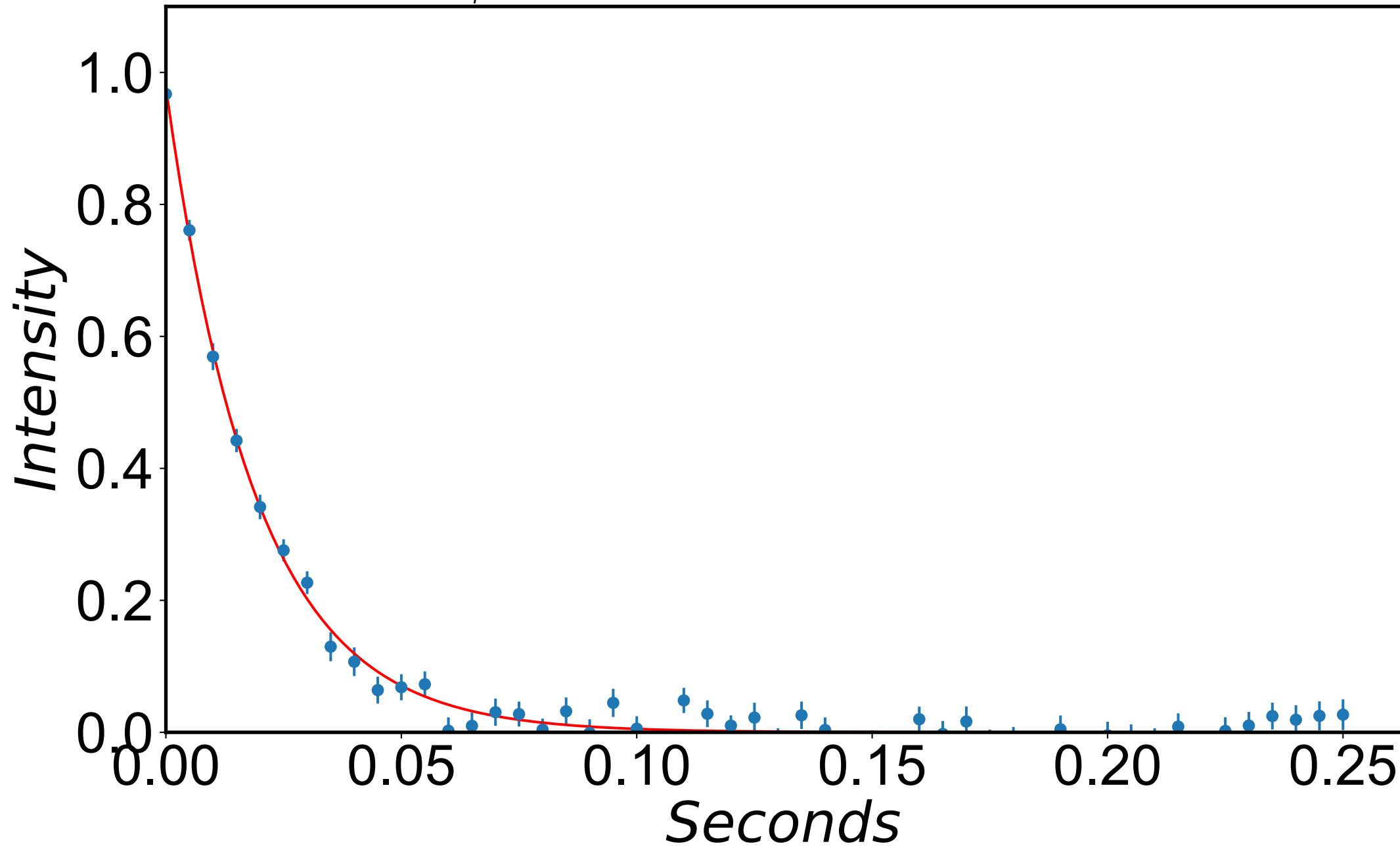
$$R_{1\rho} = 44.8 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -95 \text{ Hz}$$



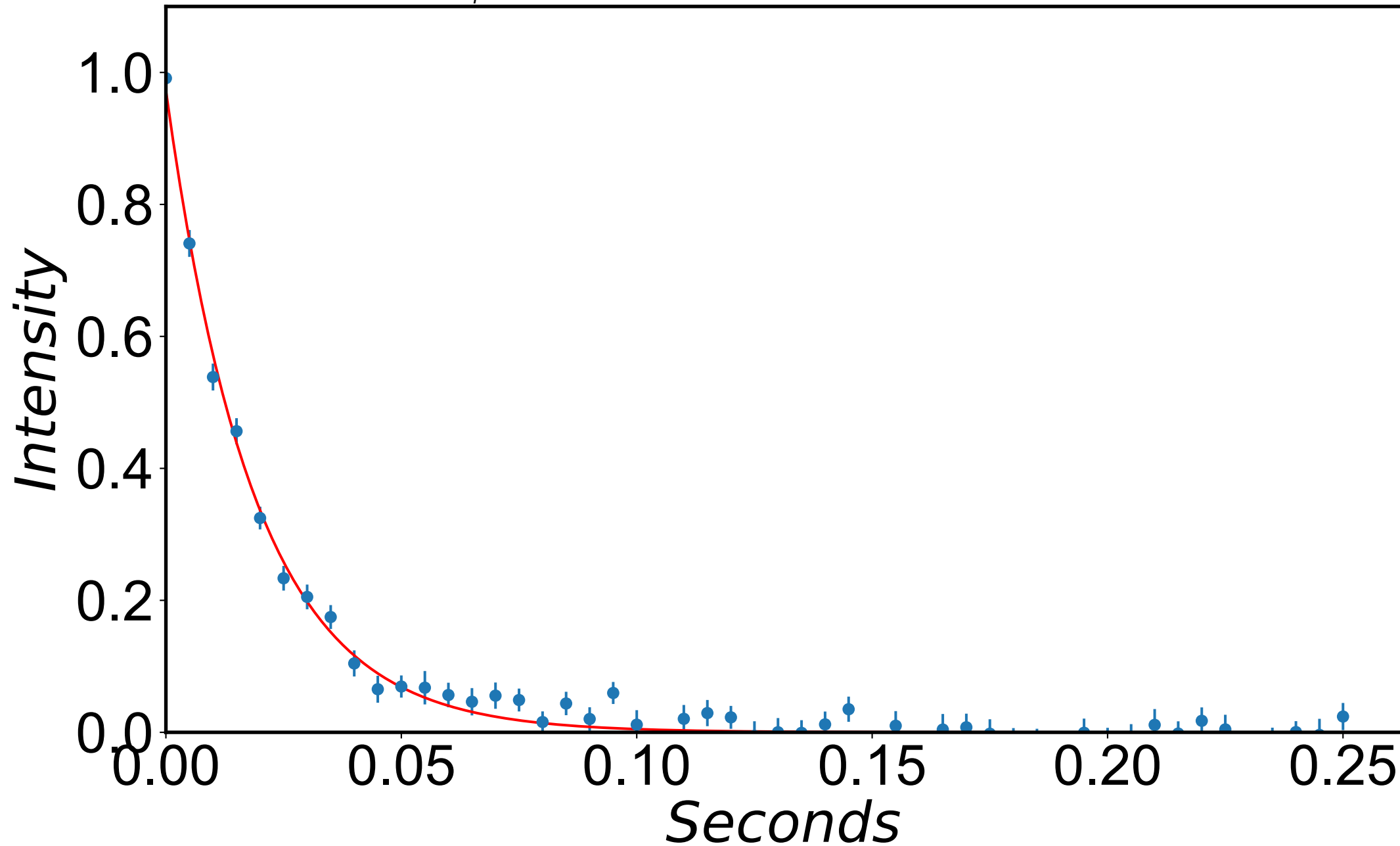
$$R_{1\rho} = 48.3 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -85 \text{ Hz}$$



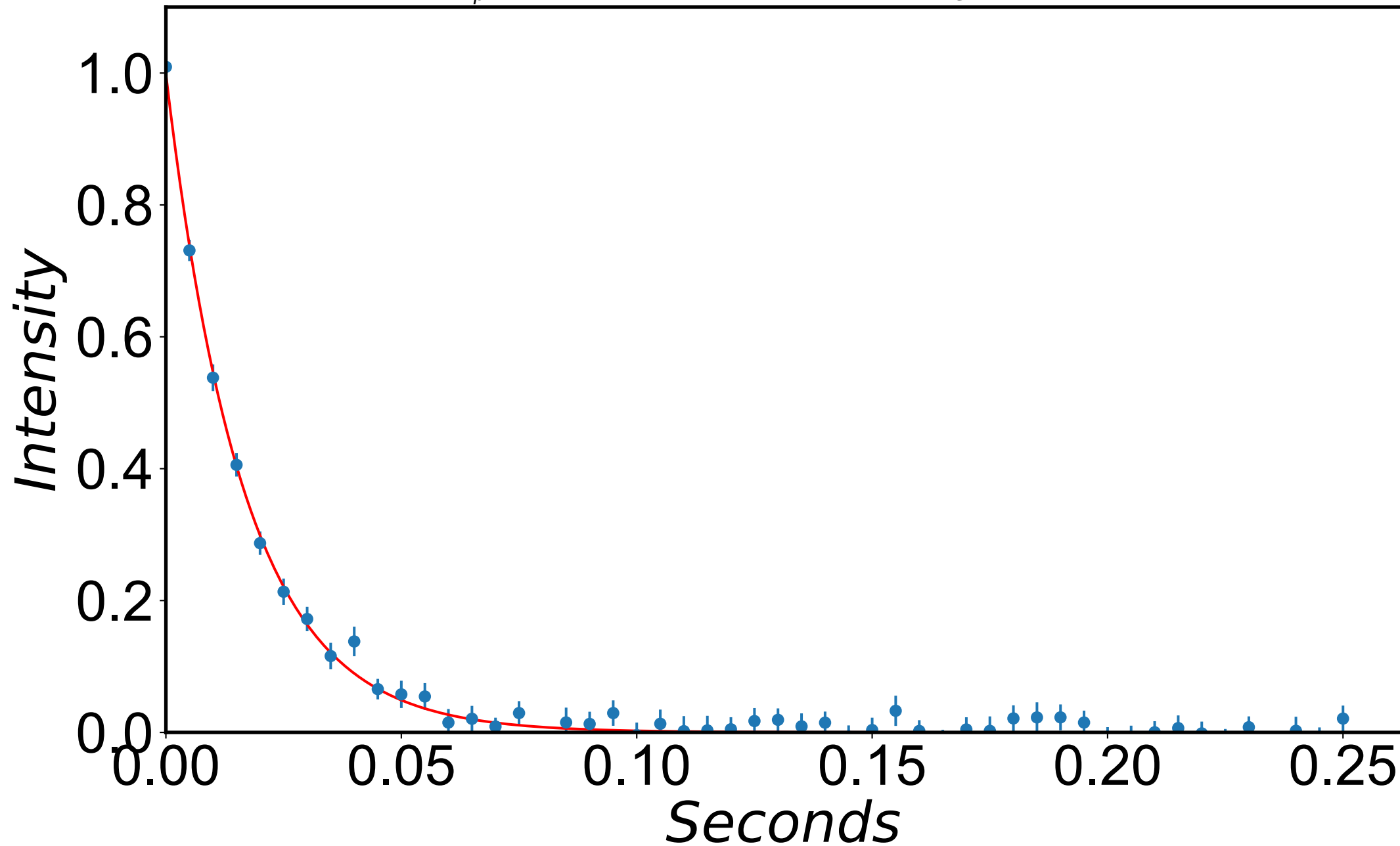
$$R_{1\rho} = 52.6 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -75 \text{ Hz}$$



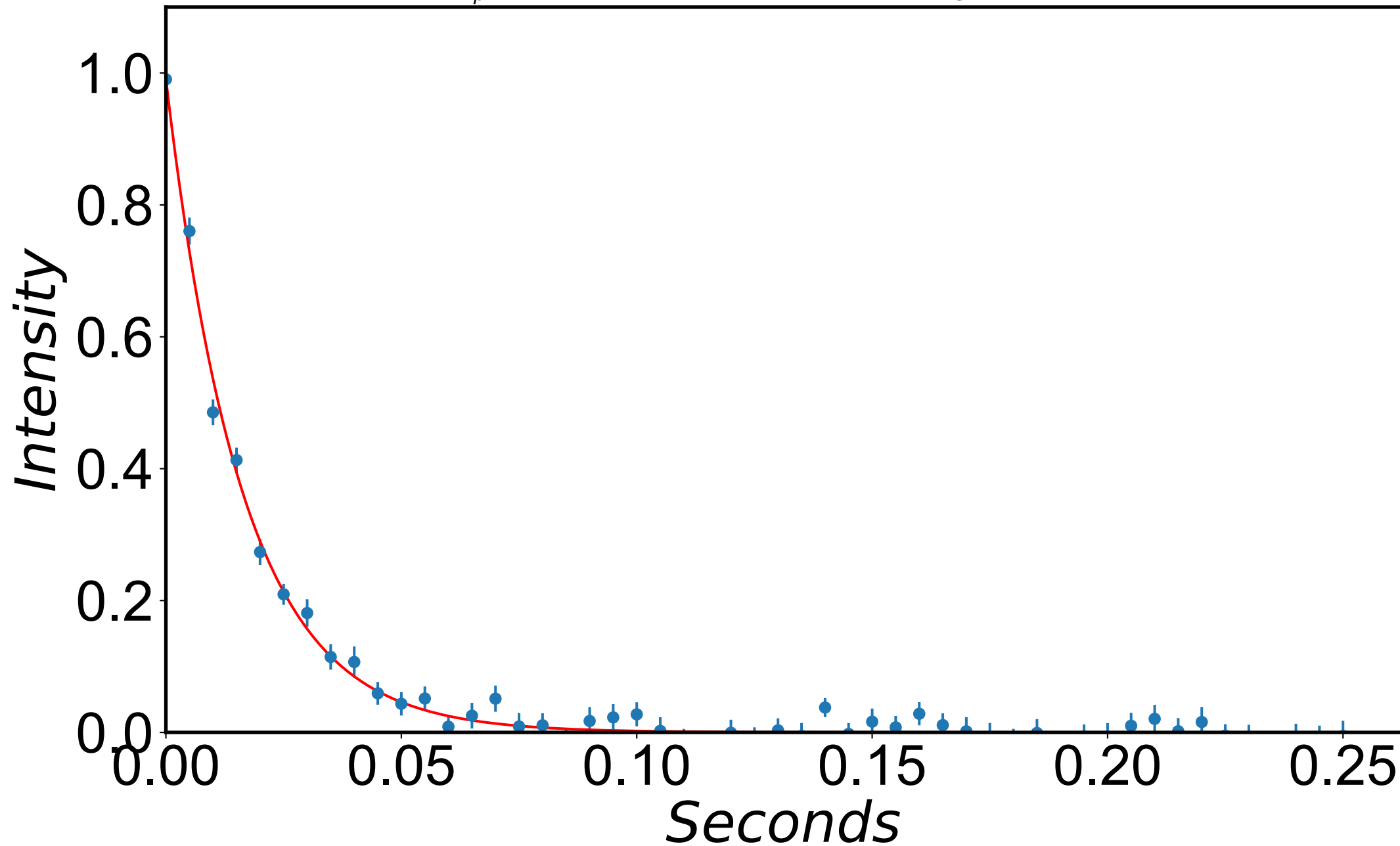
$$R_{1\rho} = 53.1 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -65 \text{ Hz}$$



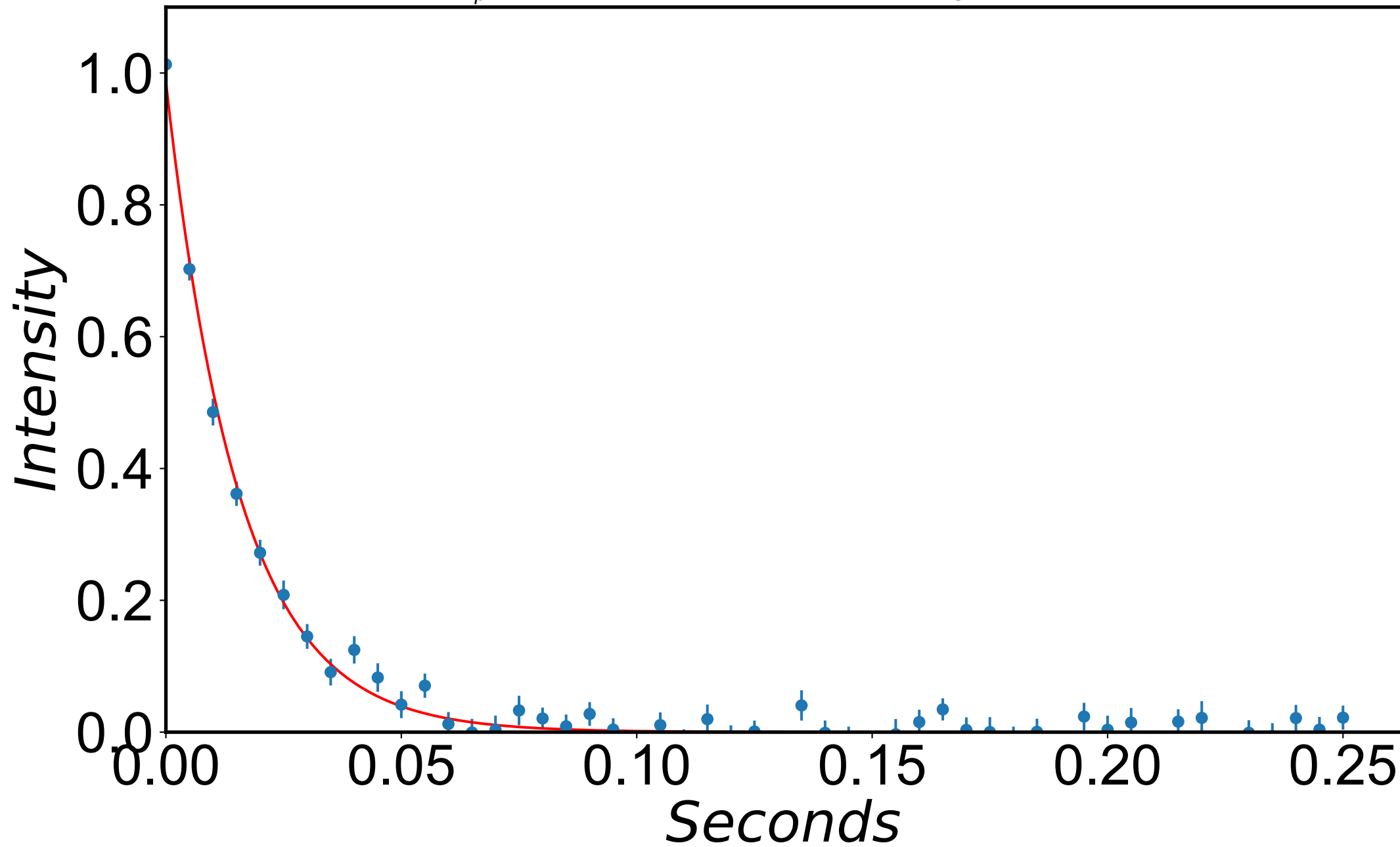
$$R_{1\rho} = 60.3 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -55 \text{ Hz}$$



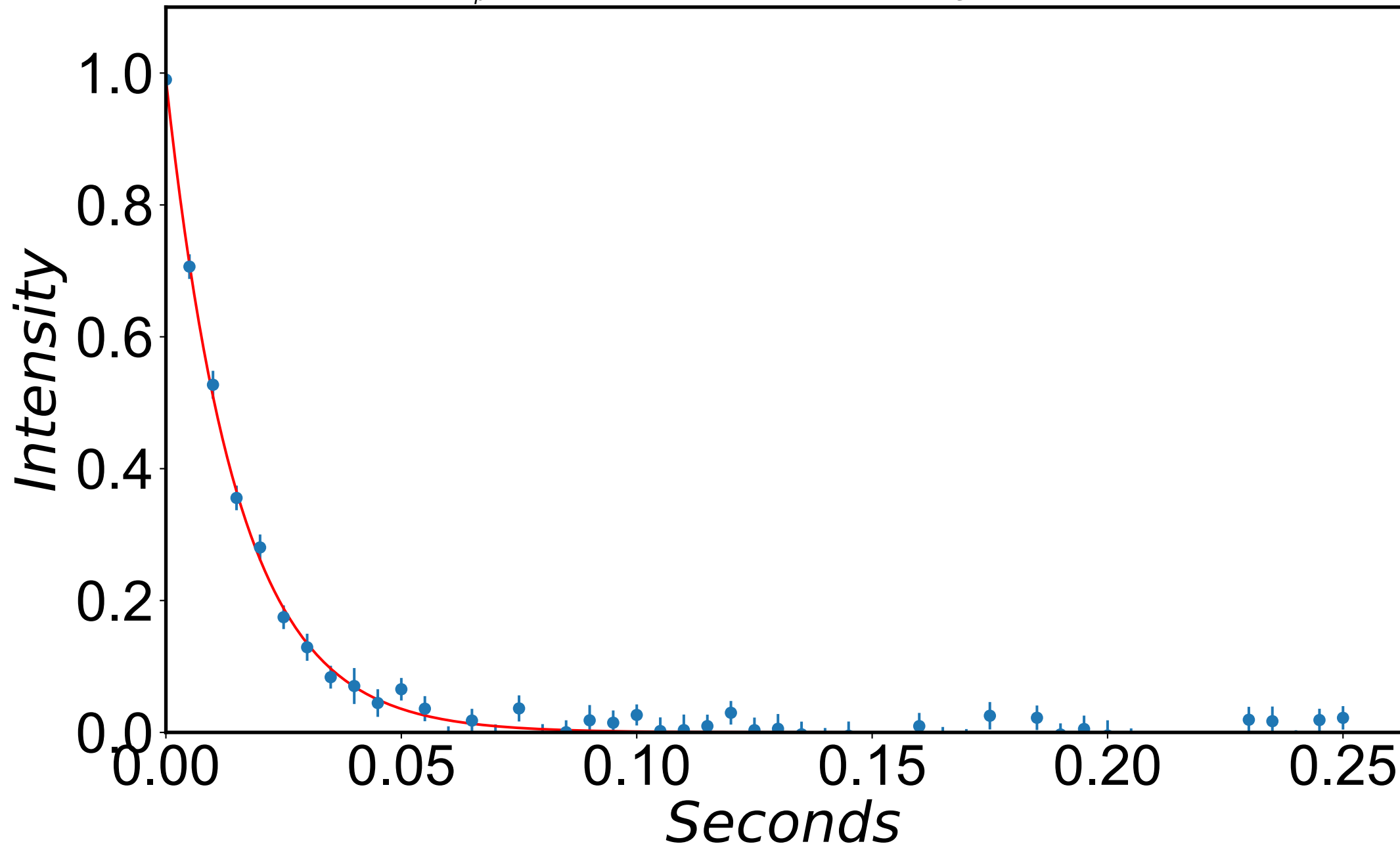
$$R_{1\rho} = 61.5 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -45 \text{ Hz}$$



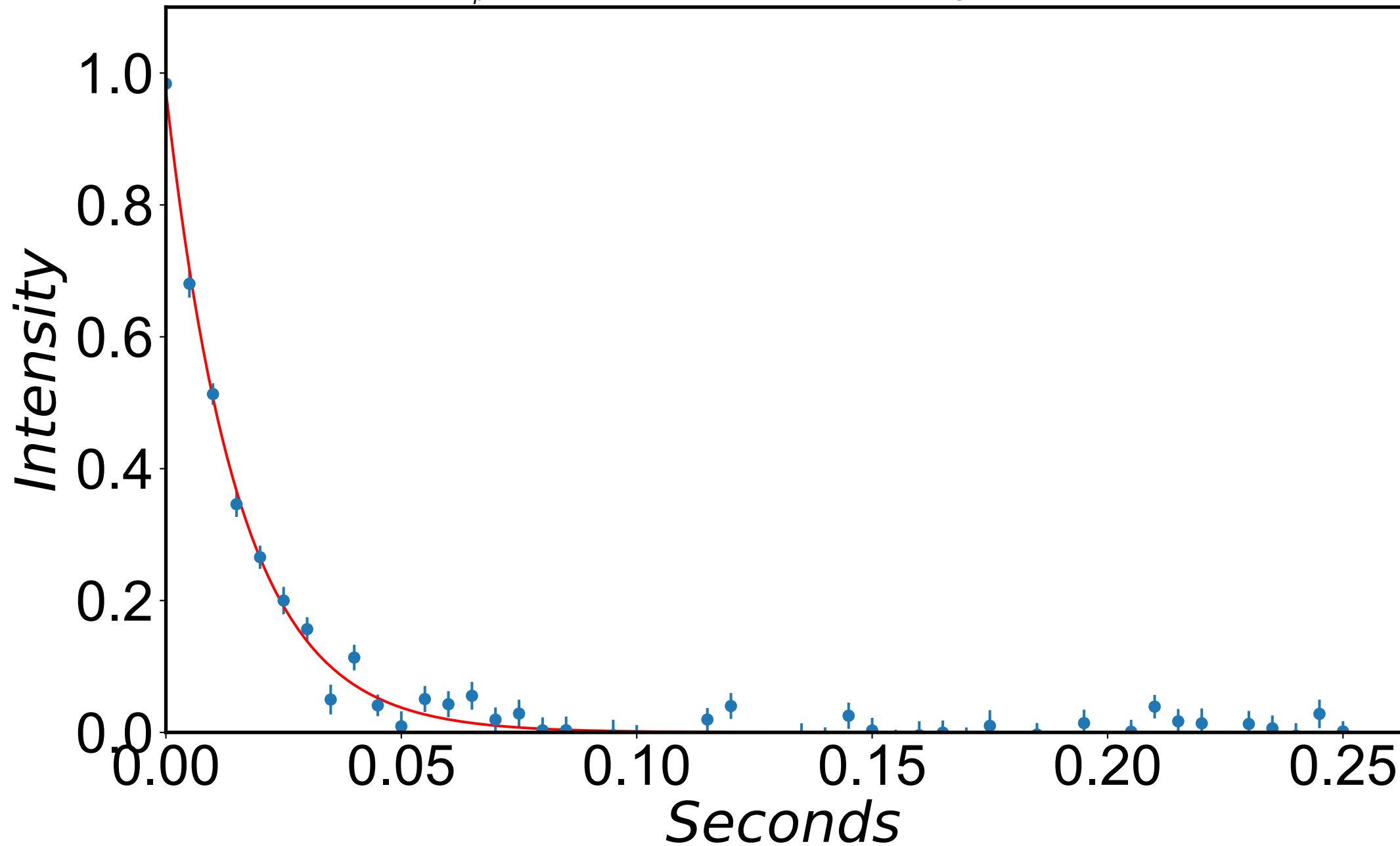
$$R_{1\rho} = 64.5 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -35 \text{ Hz}$$



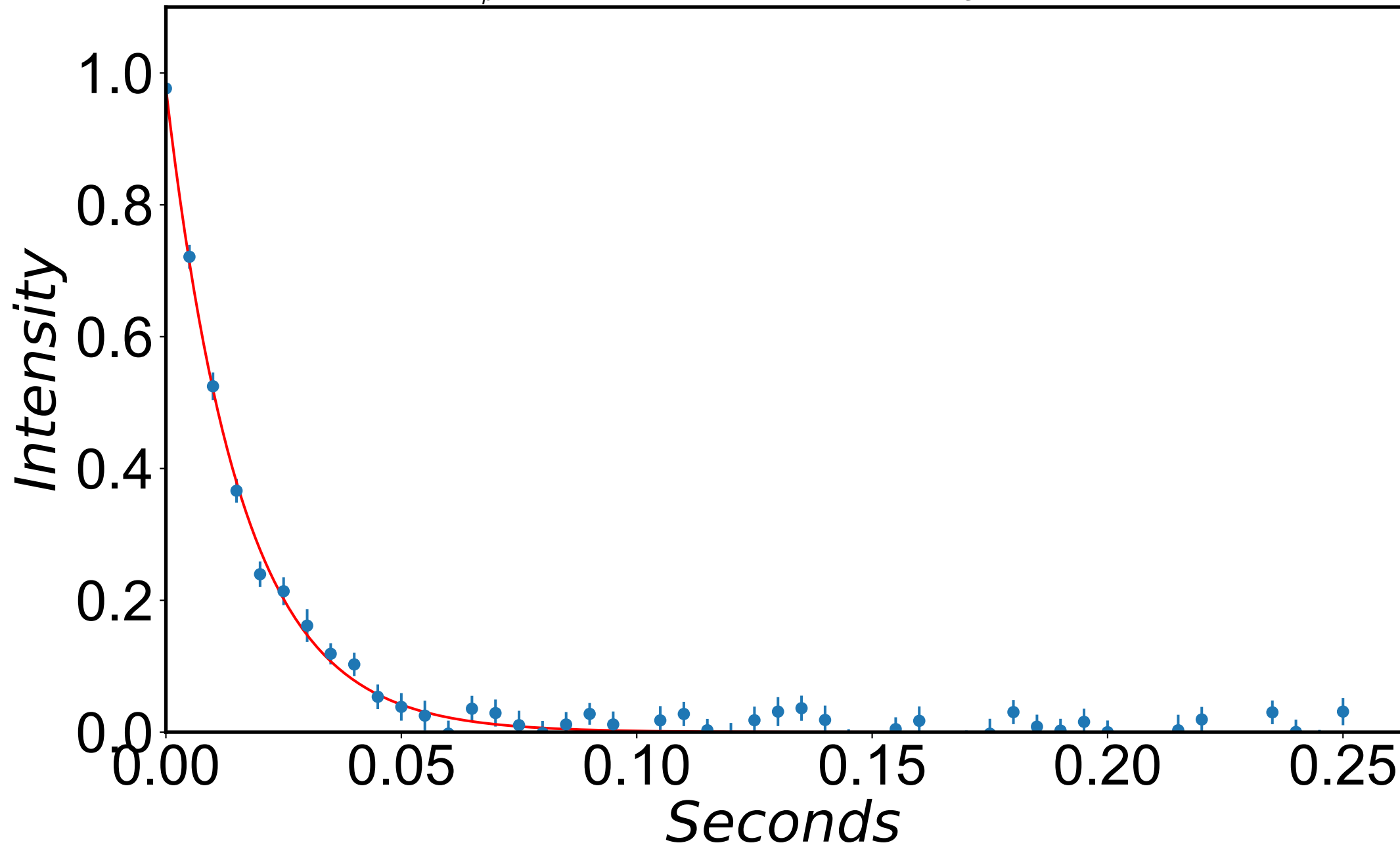
$$R_{1\rho} = 66.5 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -25 \text{ Hz}$$



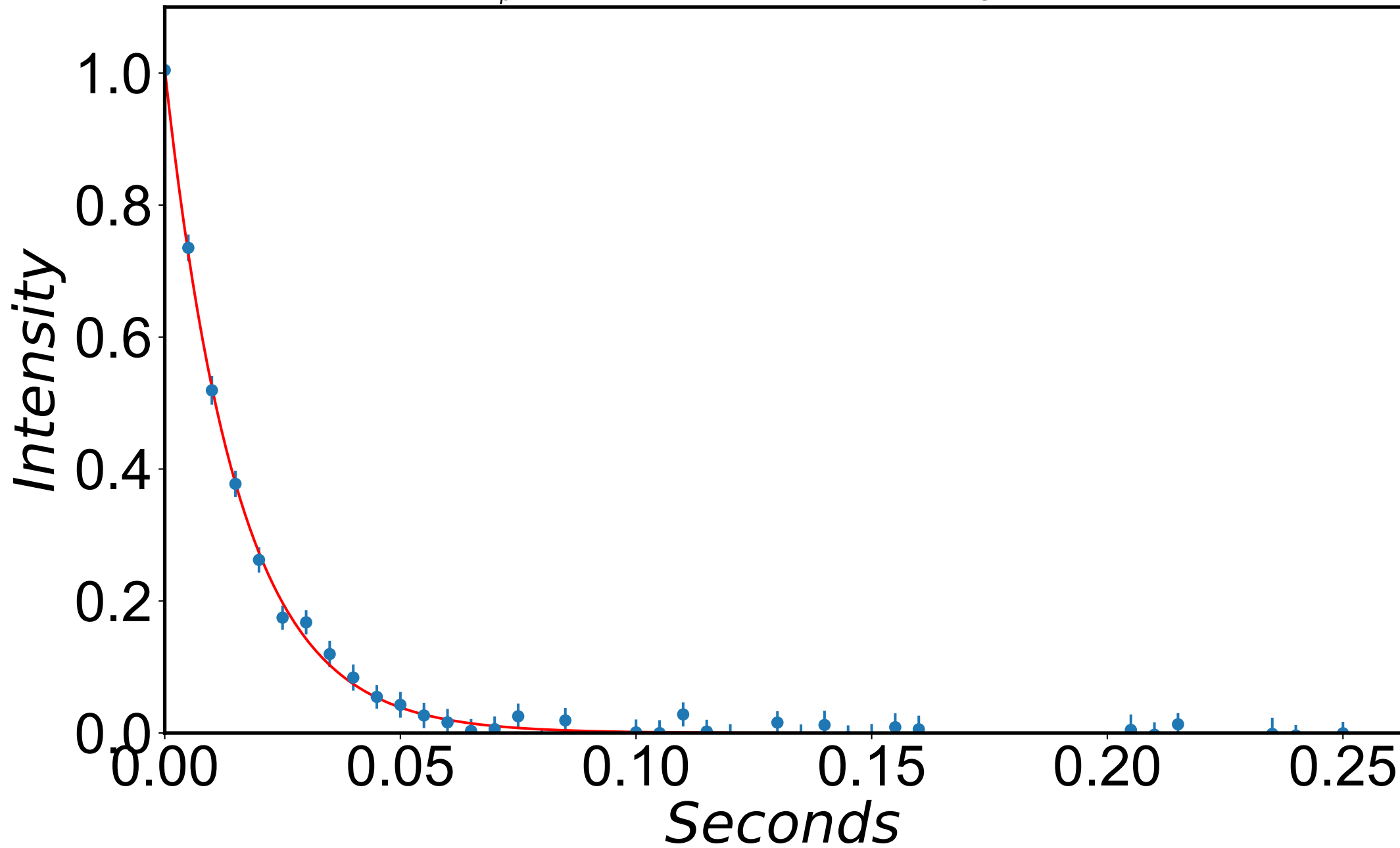
$$R_{1\rho} = 65.1 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -15 \text{ Hz}$$



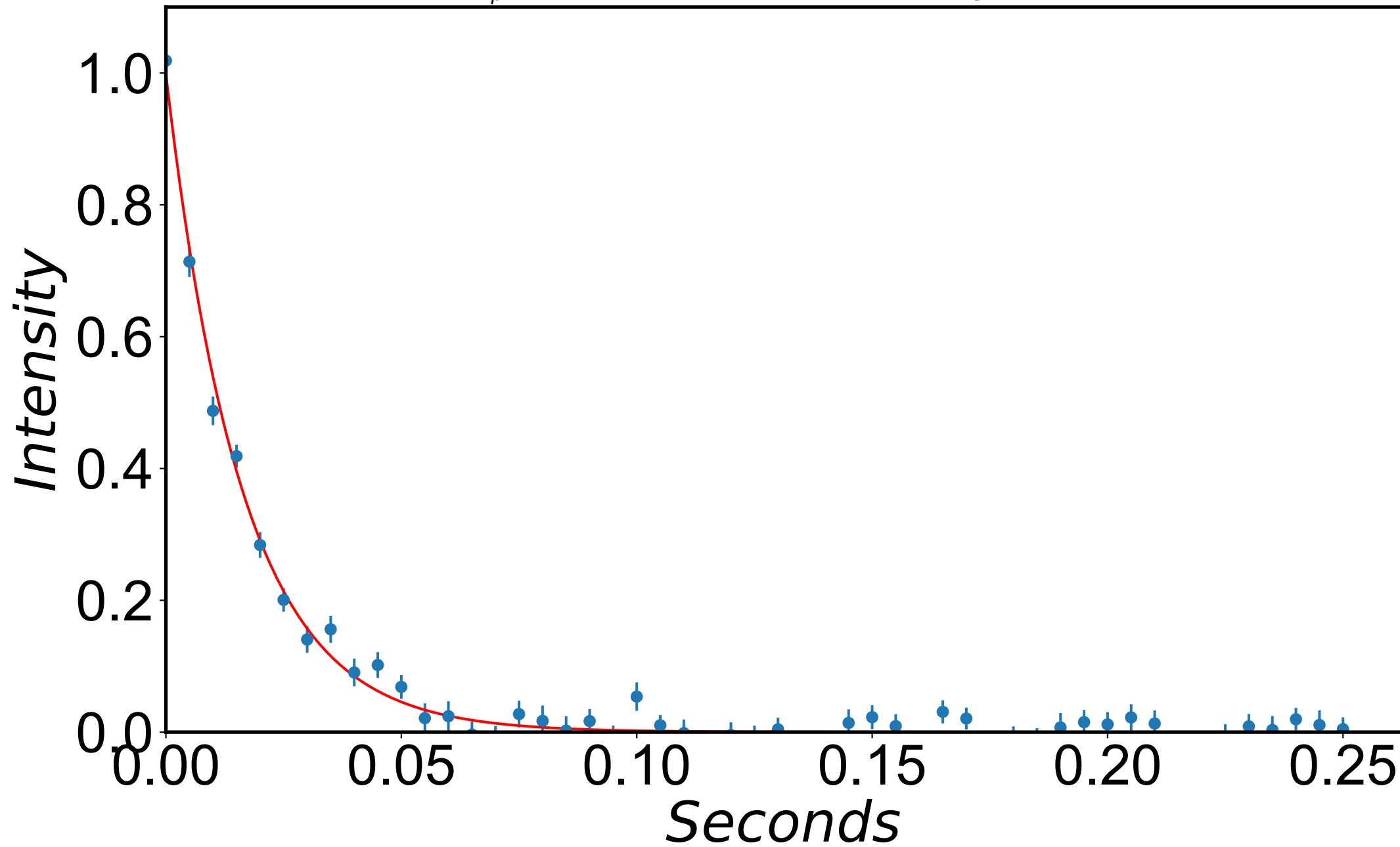
$$R_{1\rho} = 63.1 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = -5 \text{ Hz}$$



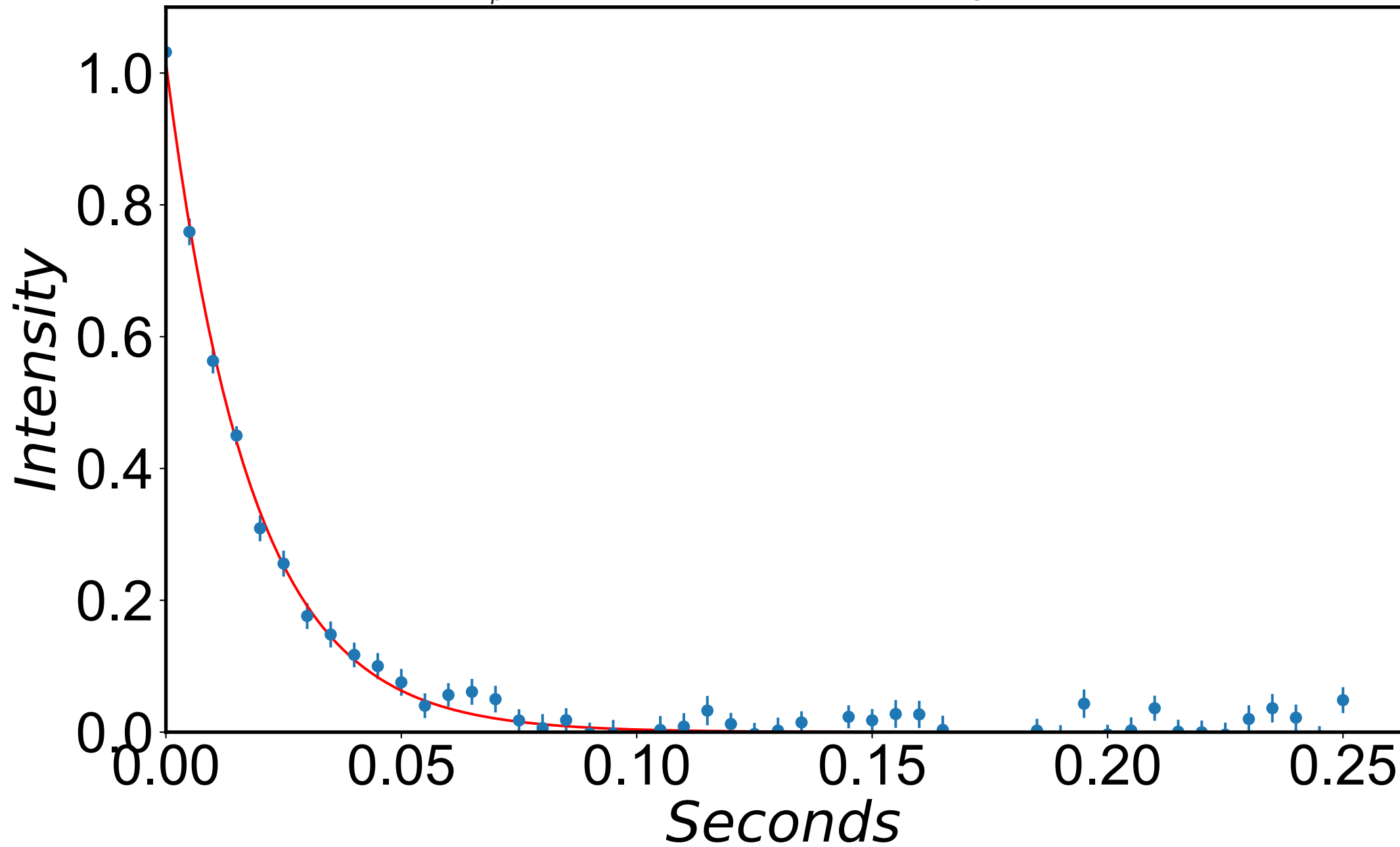
$$R_{1\rho} = 65.2 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 5 \text{ Hz}$$



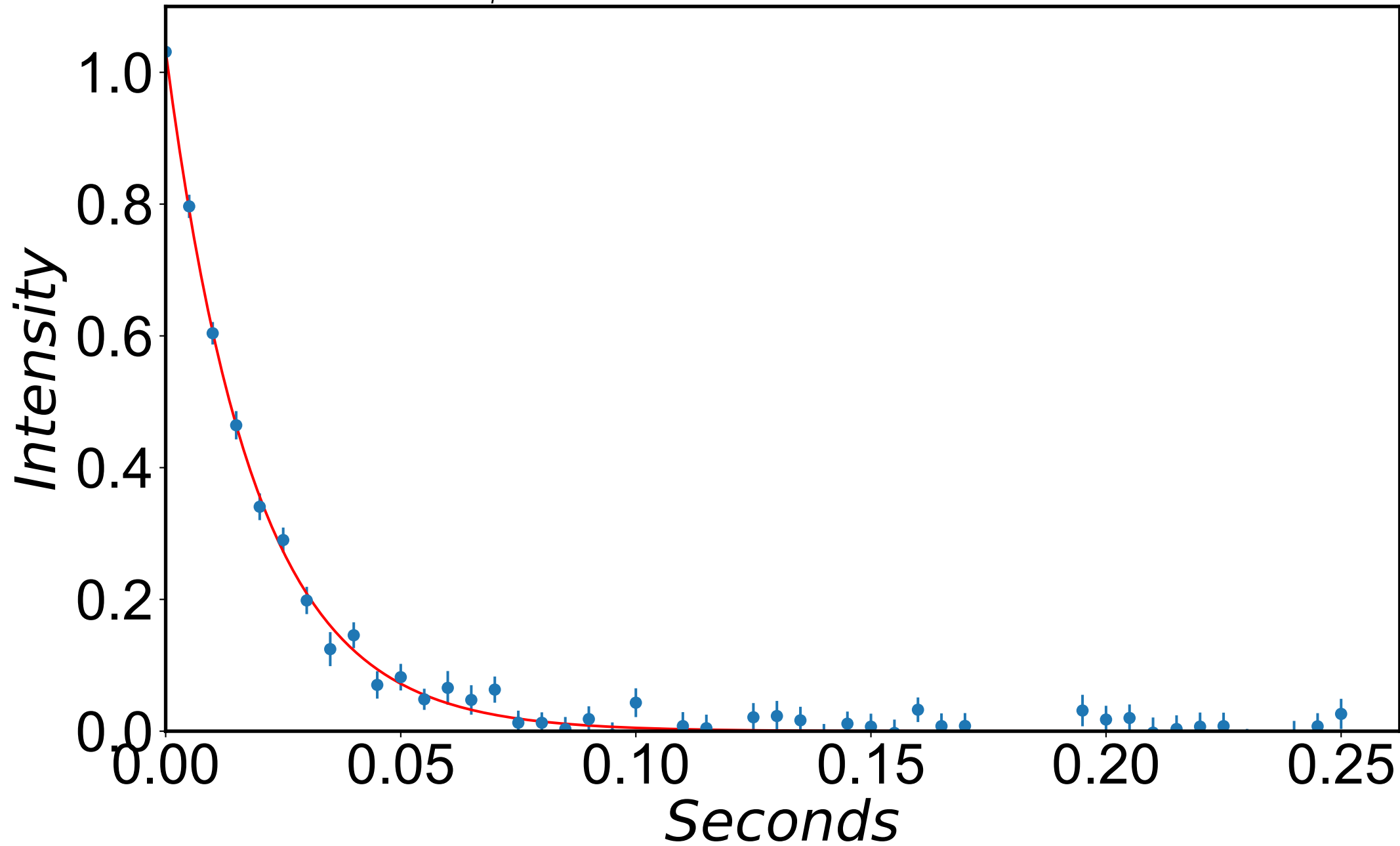
$$R_{1\rho} = 61.6 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 15 \text{ Hz}$$



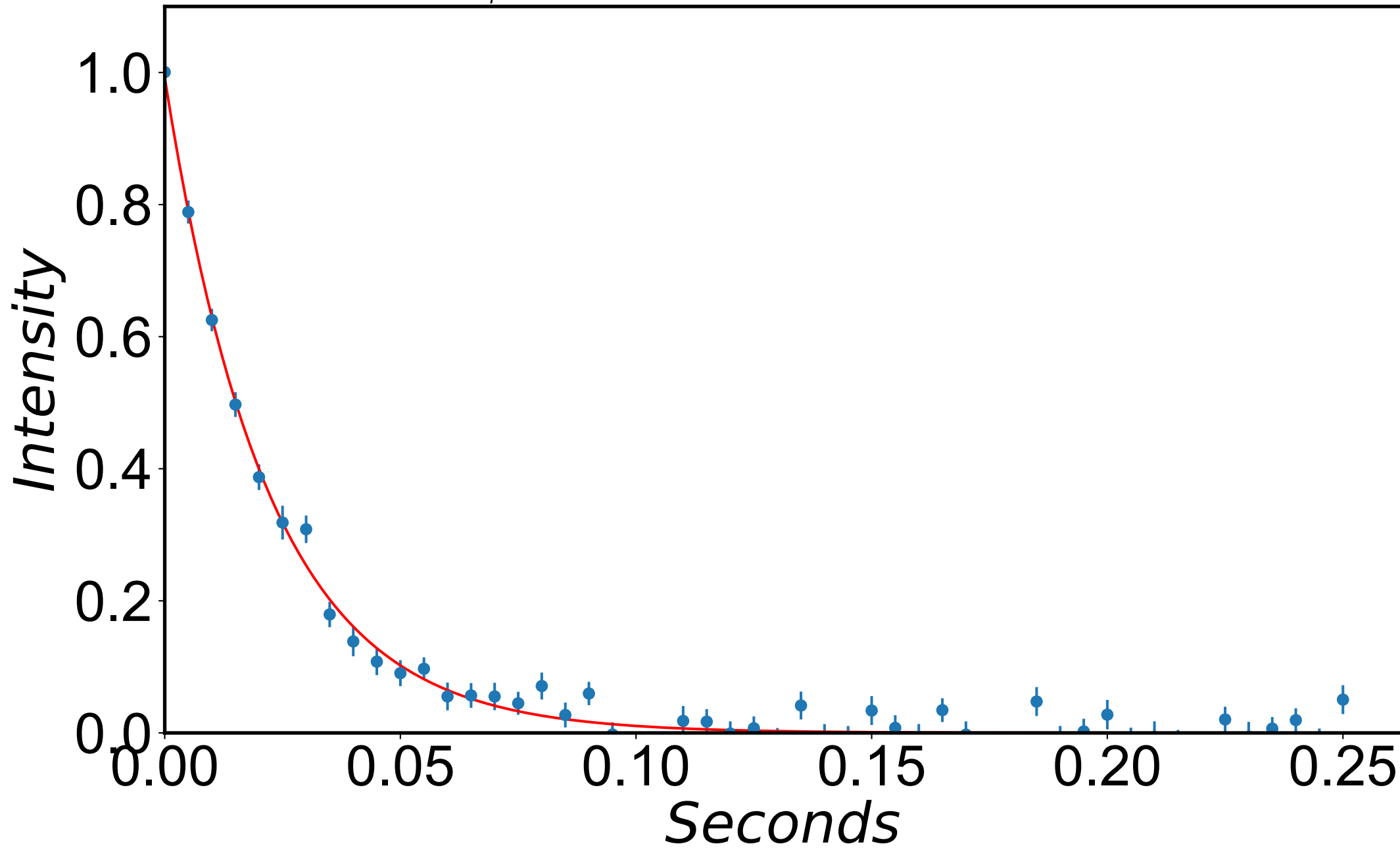
$$R_{1\rho} = 55.6 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 25 \text{ Hz}$$



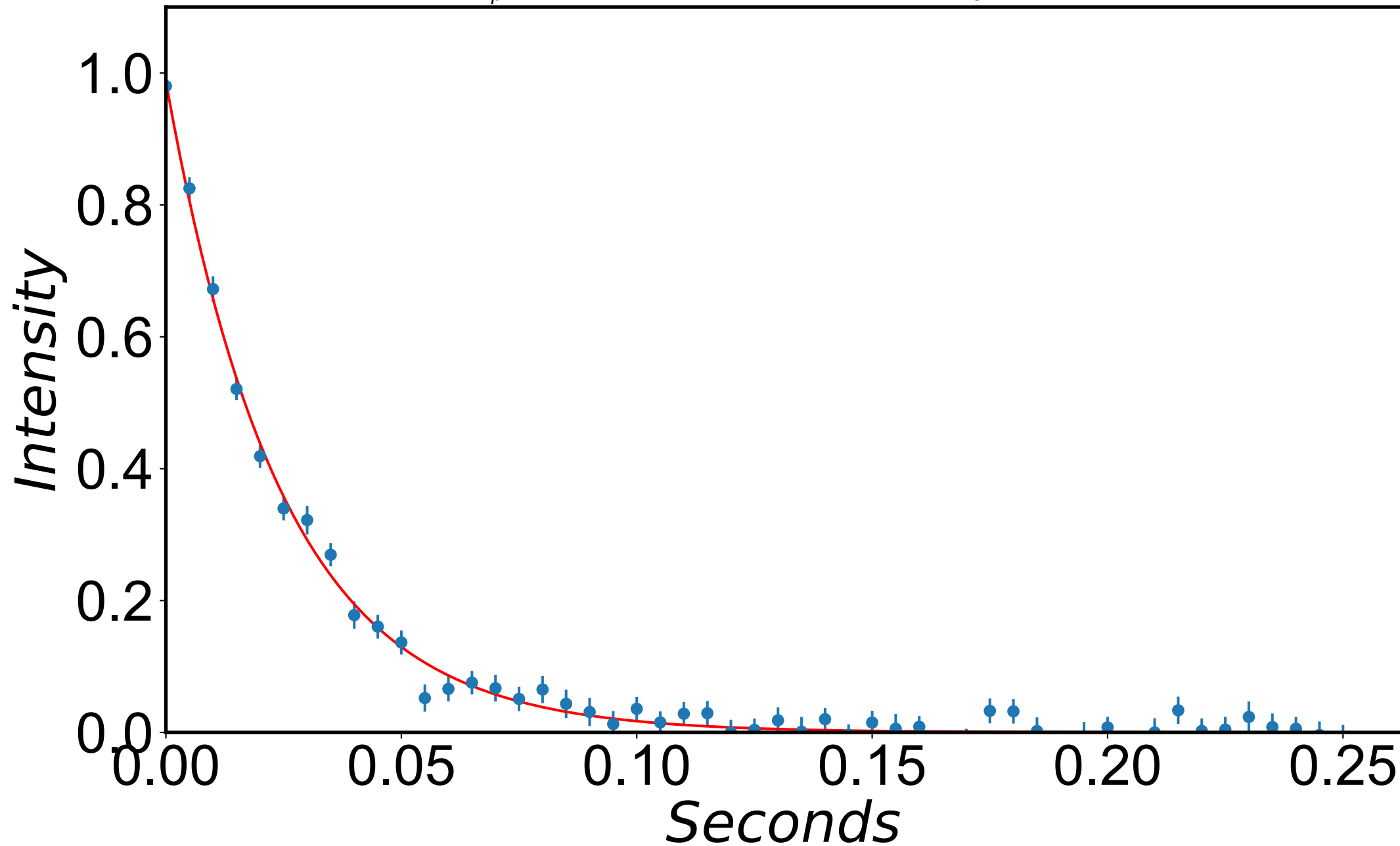
$$R_{1\rho} = 53.3 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 35 \text{ Hz}$$



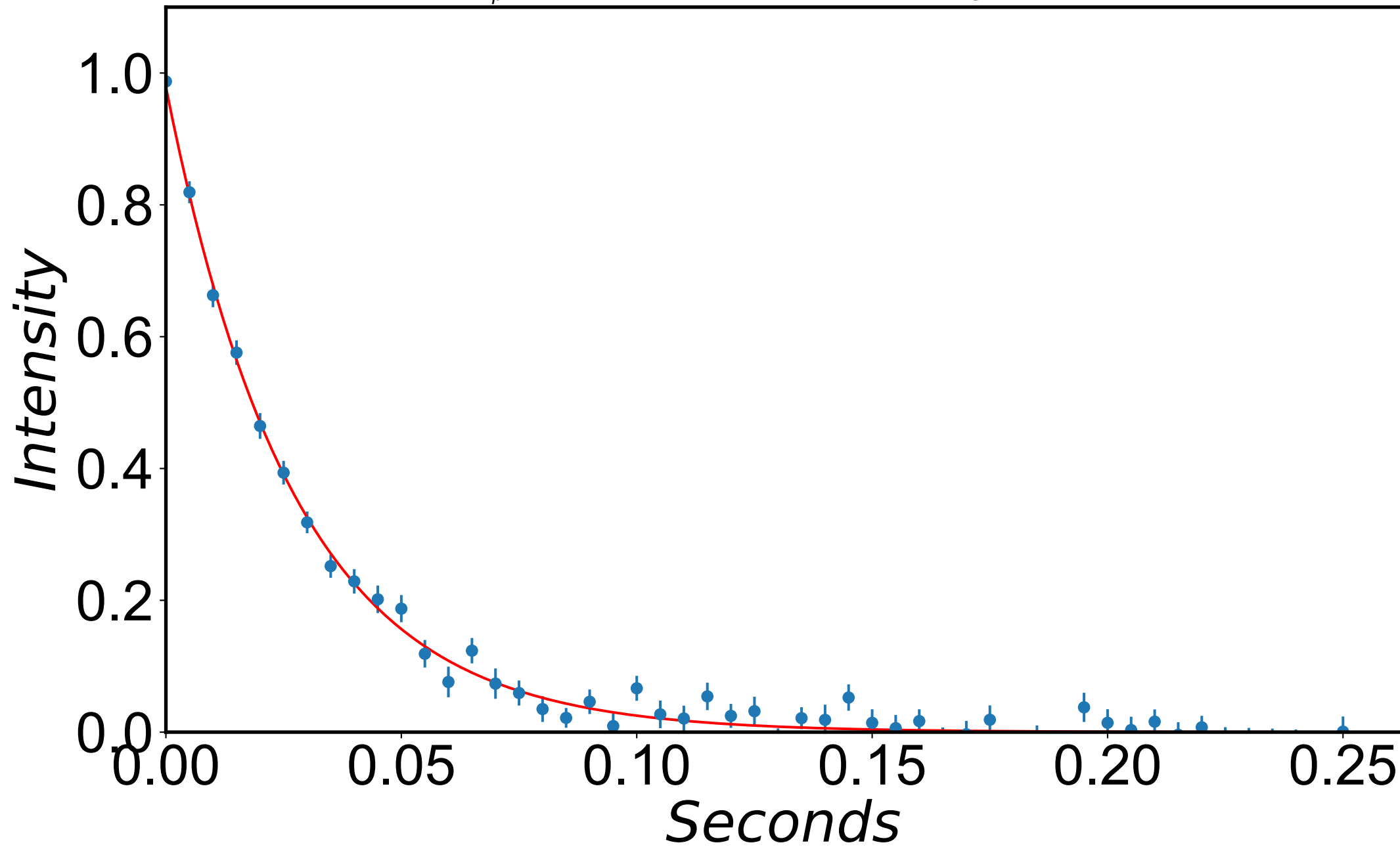
$$R_{1\rho} = 45.5 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 45 \text{ Hz}$$



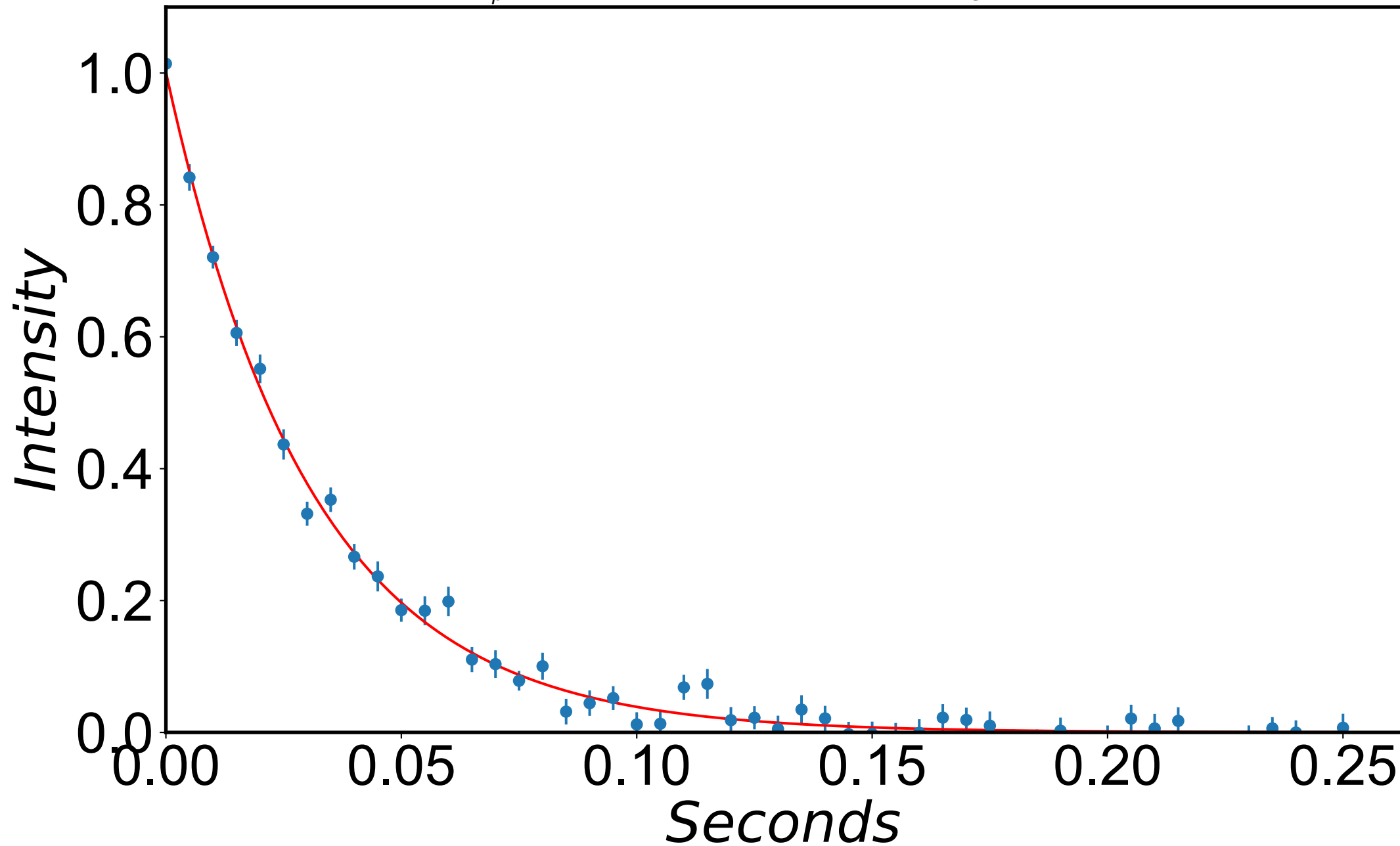
$$R_{1\rho} = 40.6 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 55 \text{ Hz}$$



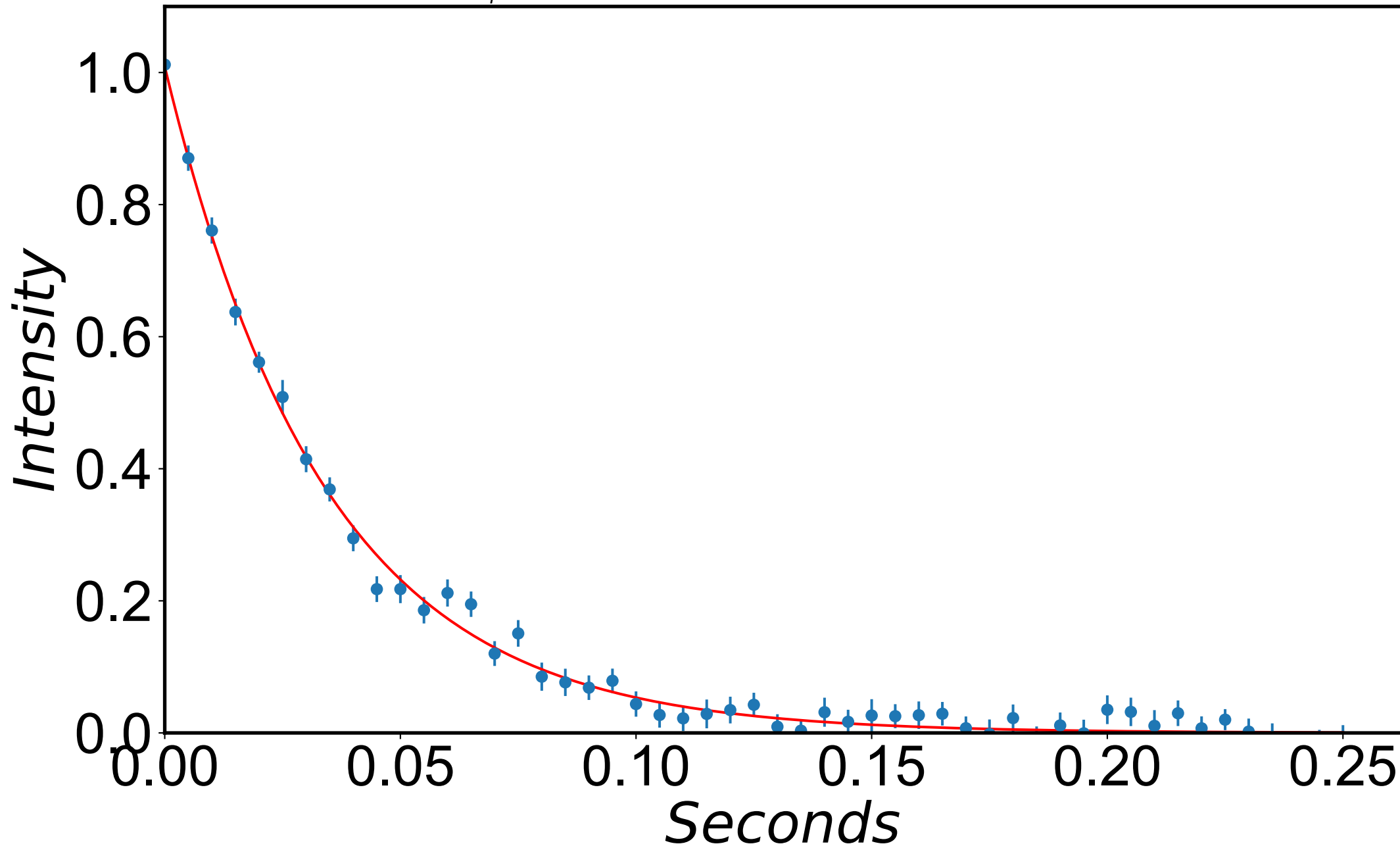
$$R_{1\rho} = 36.7 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 65 \text{ Hz}$$



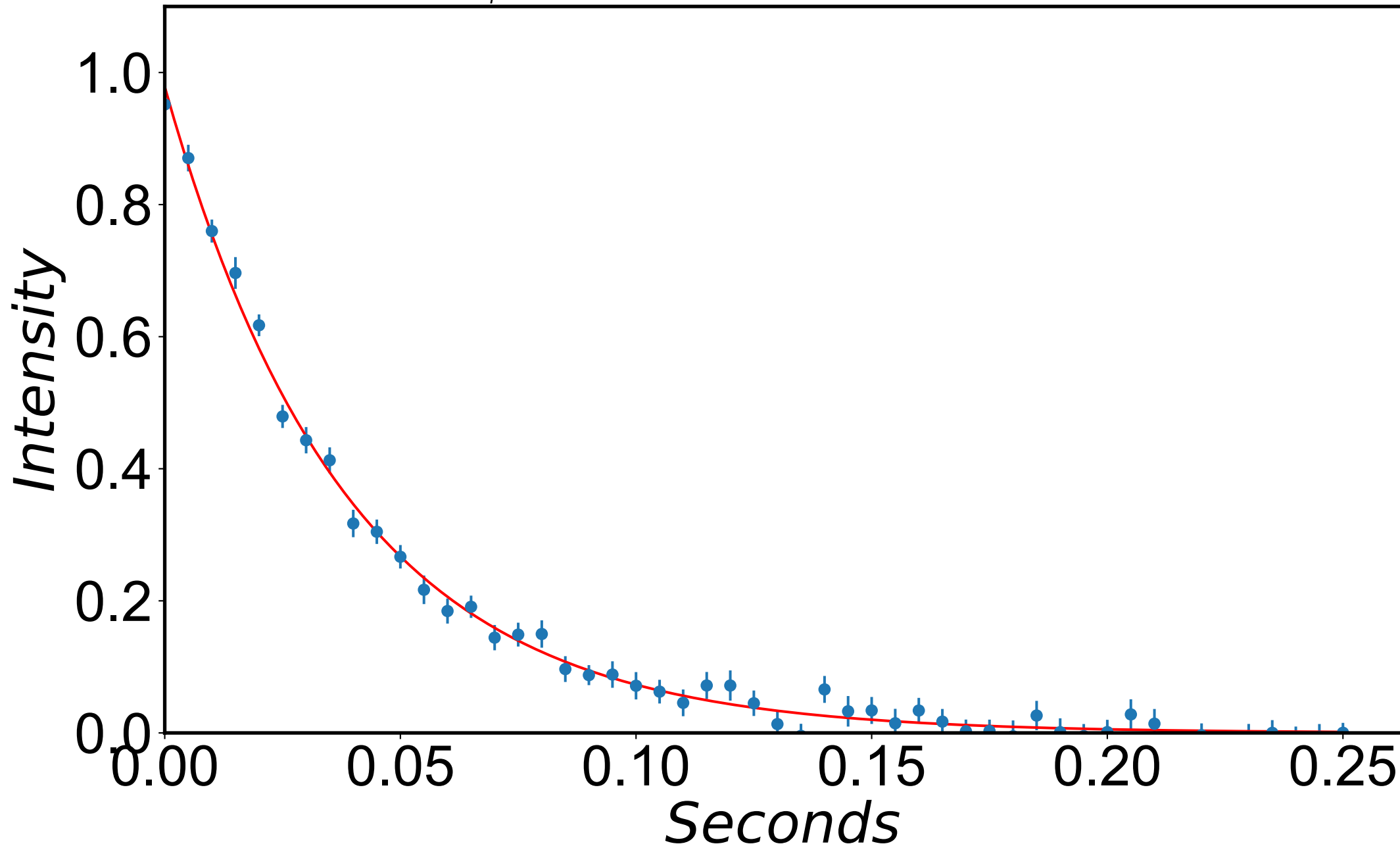
$$R_{1\rho} = 32.5 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 75 \text{ Hz}$$



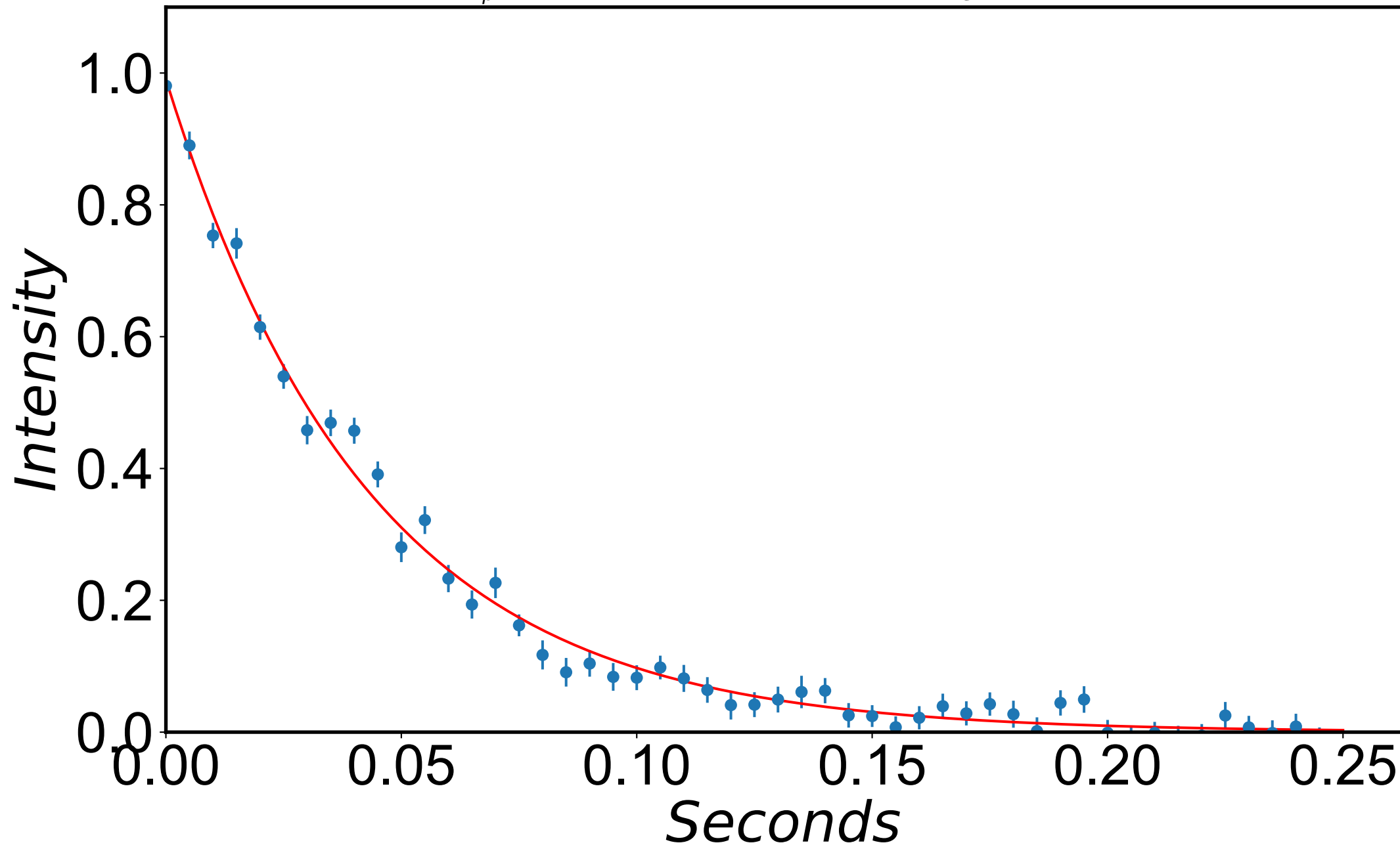
$$R_{1\rho} = 29.4 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 85 \text{ Hz}$$



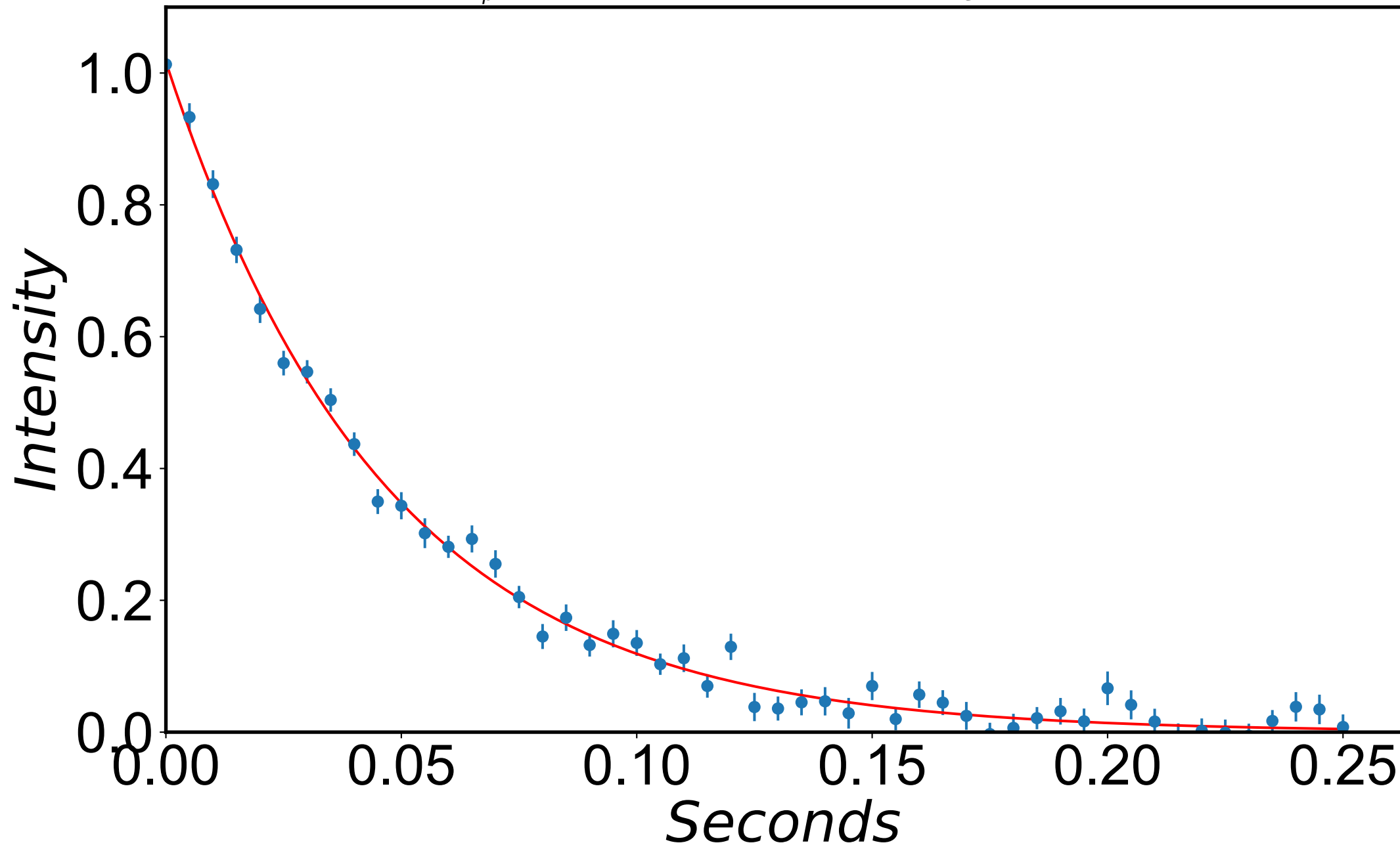
$$R_{1\rho} = 26.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 95 \text{ Hz}$$



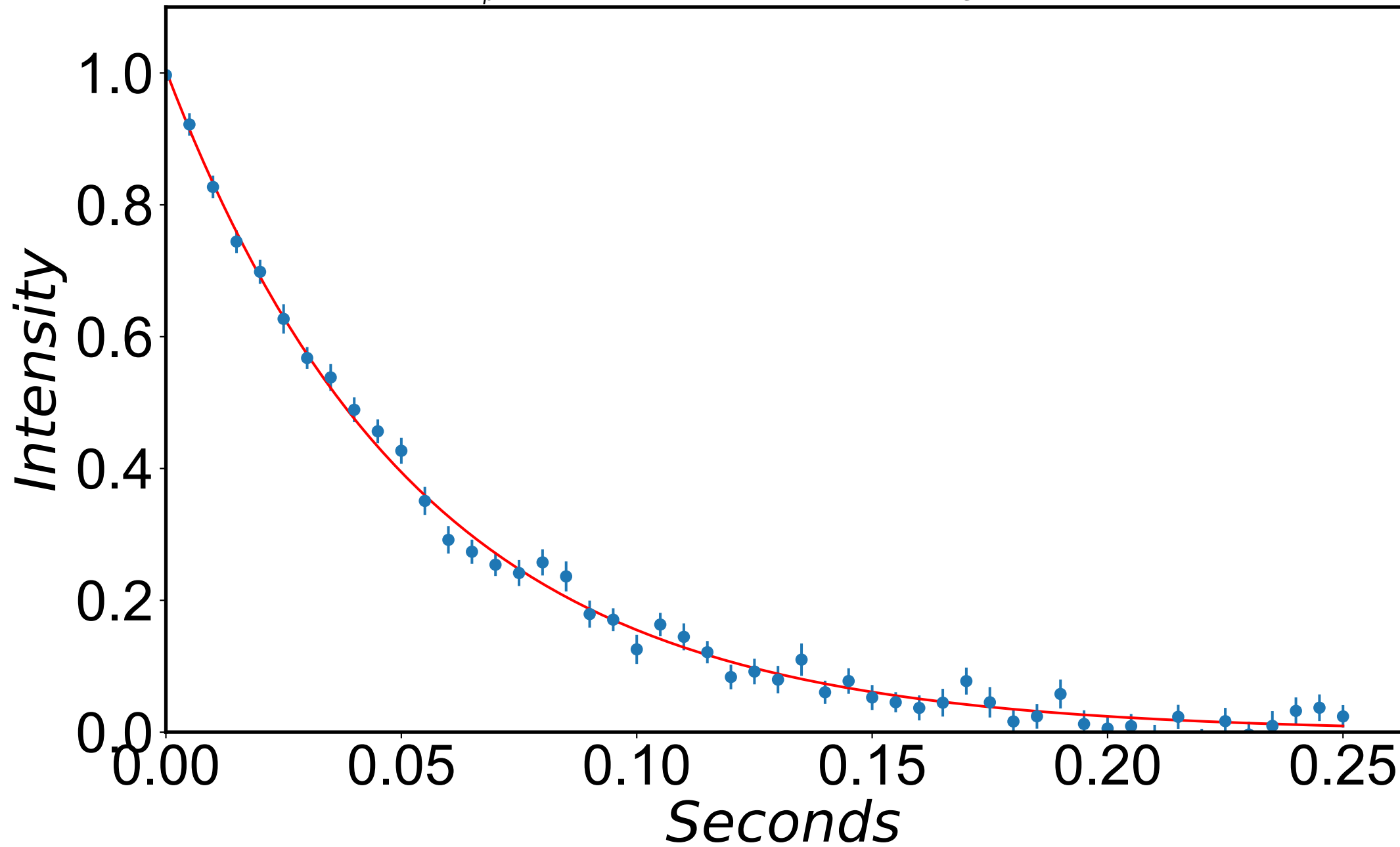
$$R_{1\rho} = 23.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 106 \text{ Hz}$$



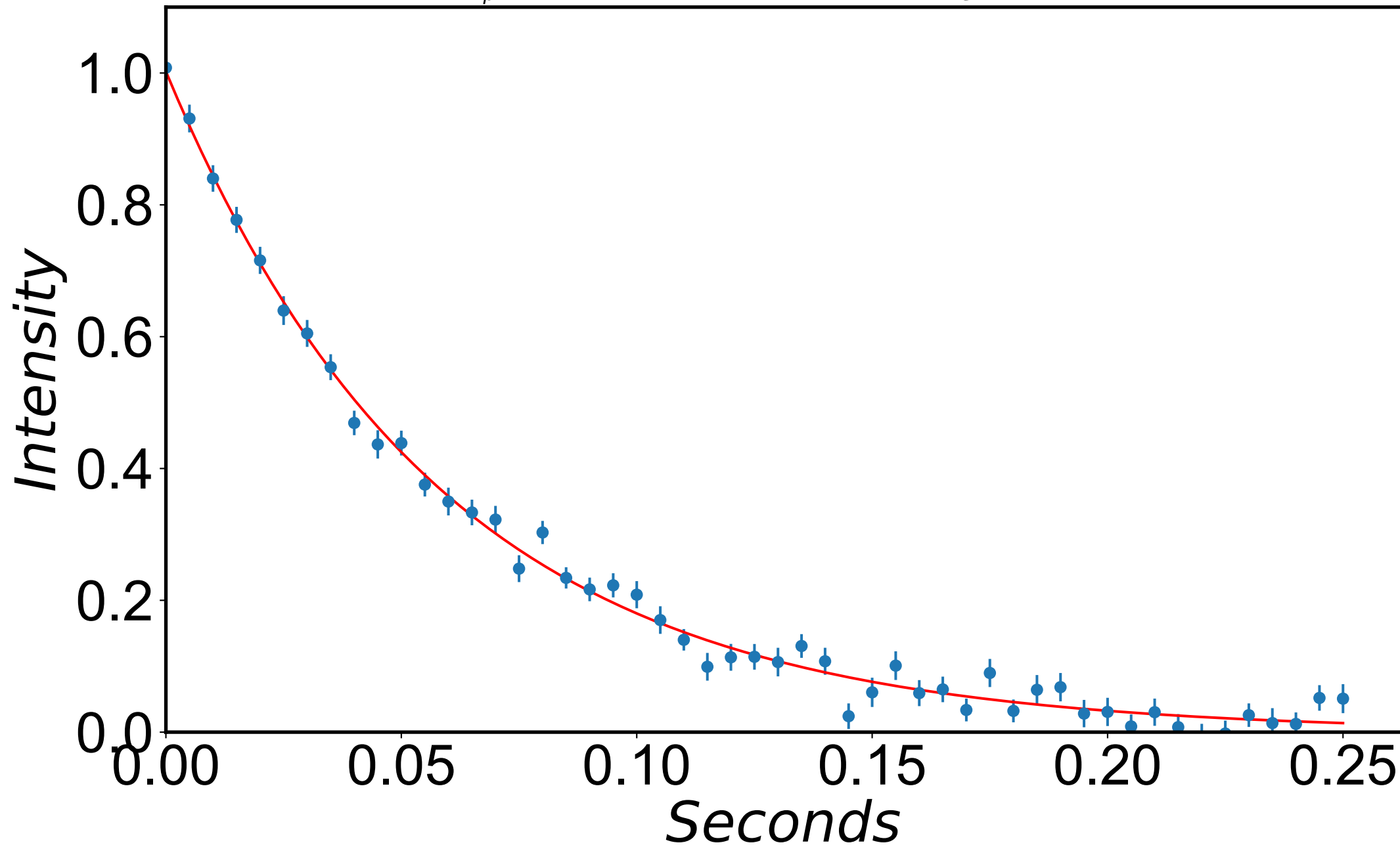
$$R_{1\rho} = 21.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 116 \text{ Hz}$$



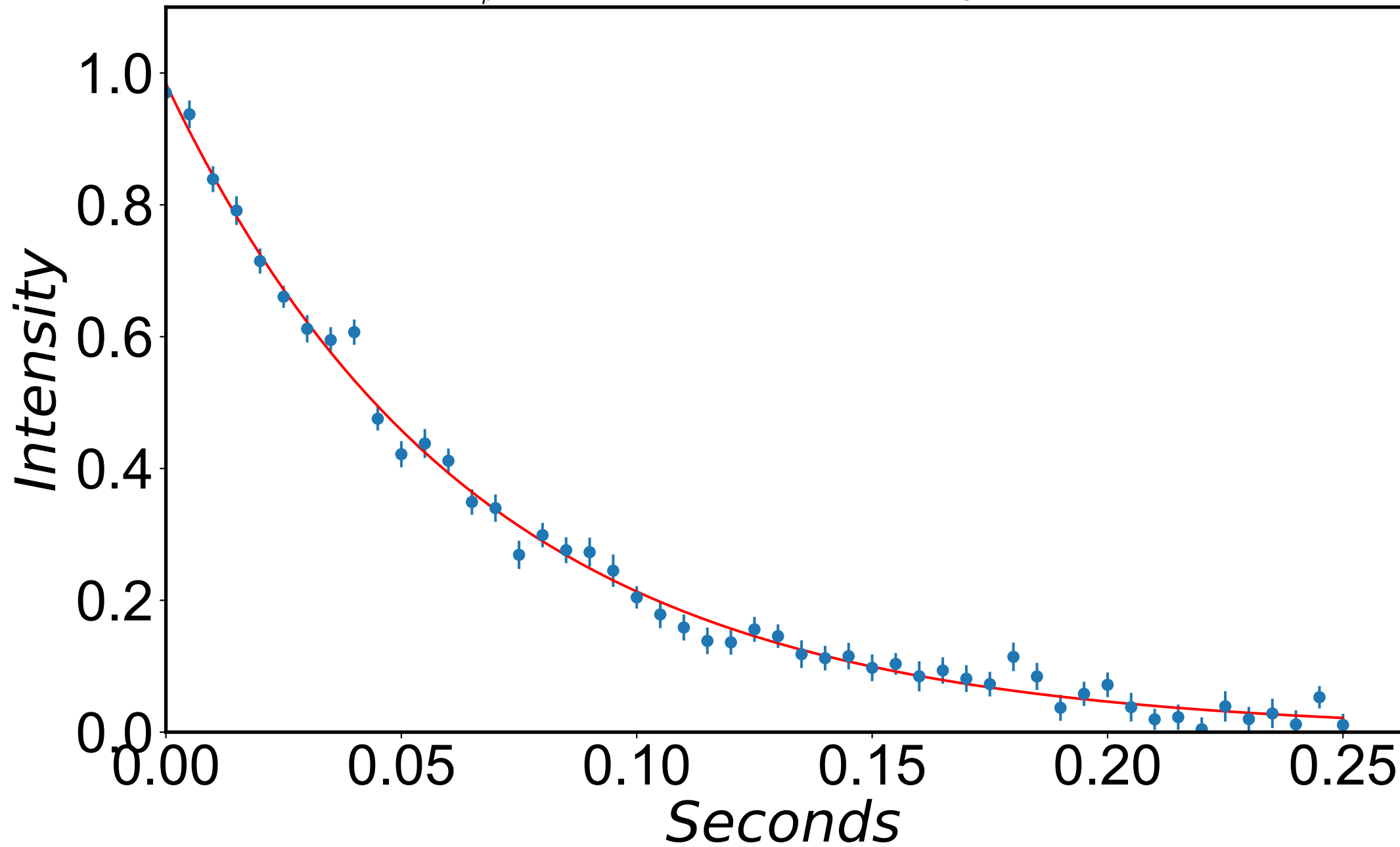
$$R_{1\rho} = 18.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 126 \text{ Hz}$$



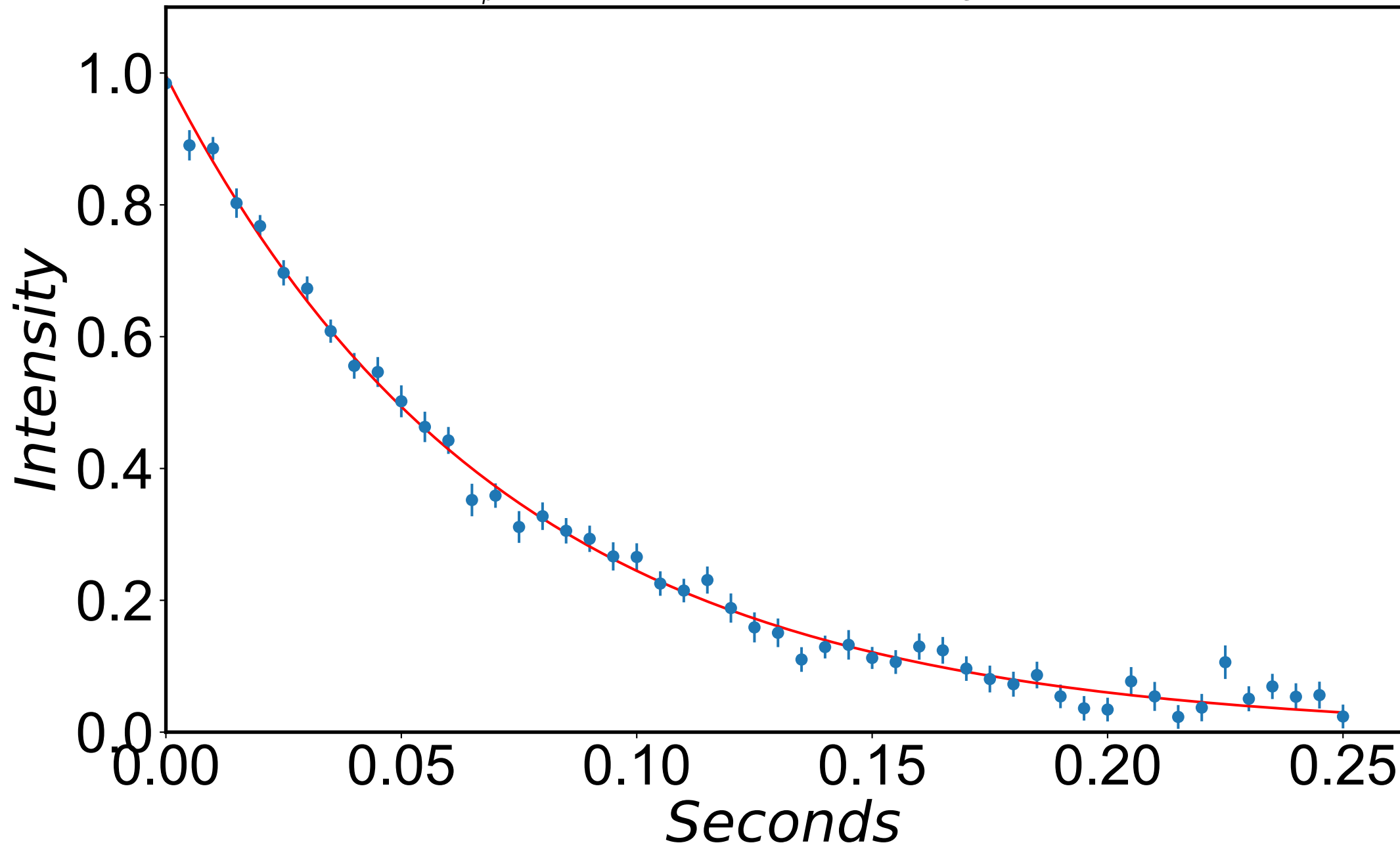
$$R_{1\rho} = 17.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 136 \text{ Hz}$$



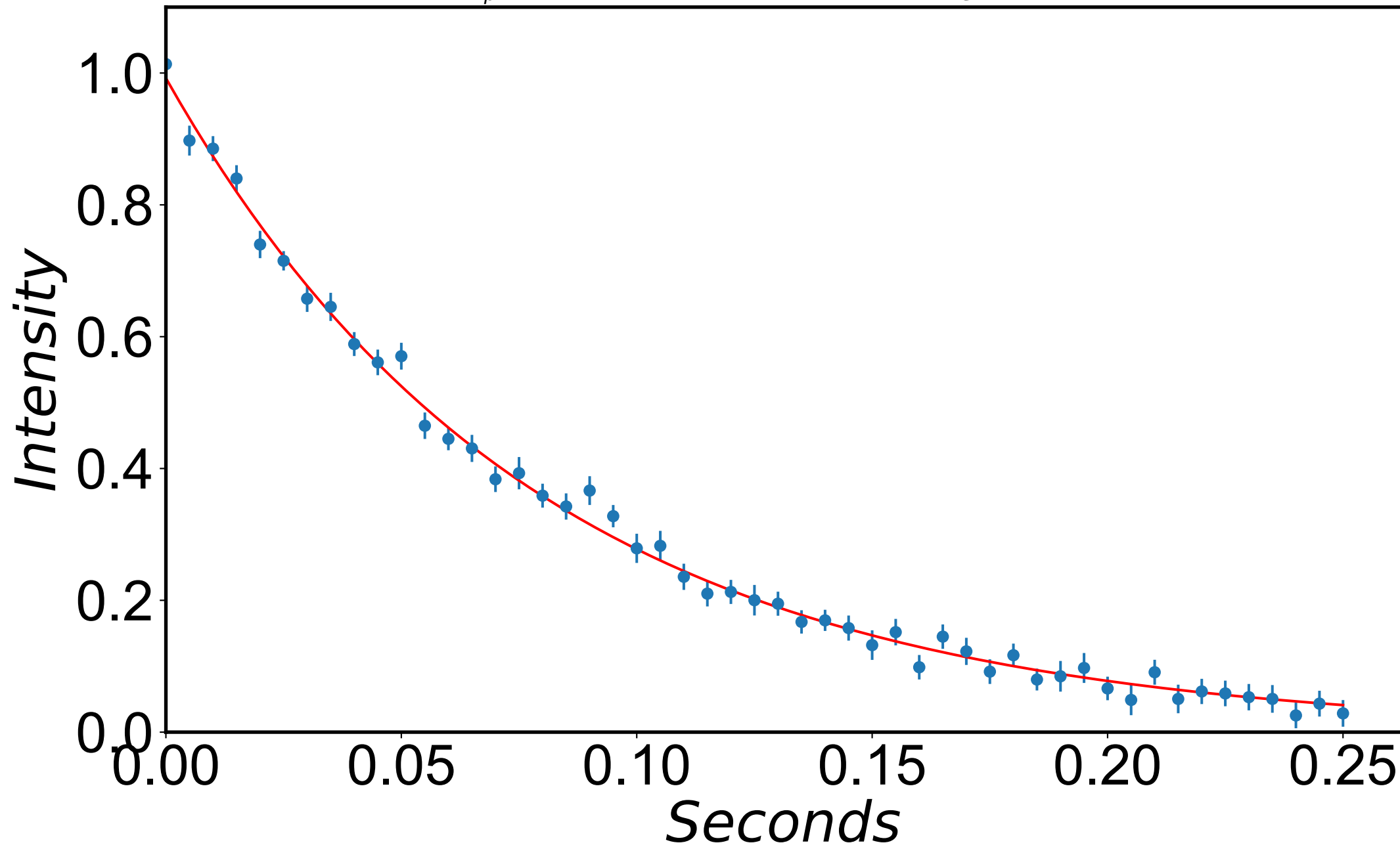
$$R_{1\rho} = 15.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 146 \text{ Hz}$$



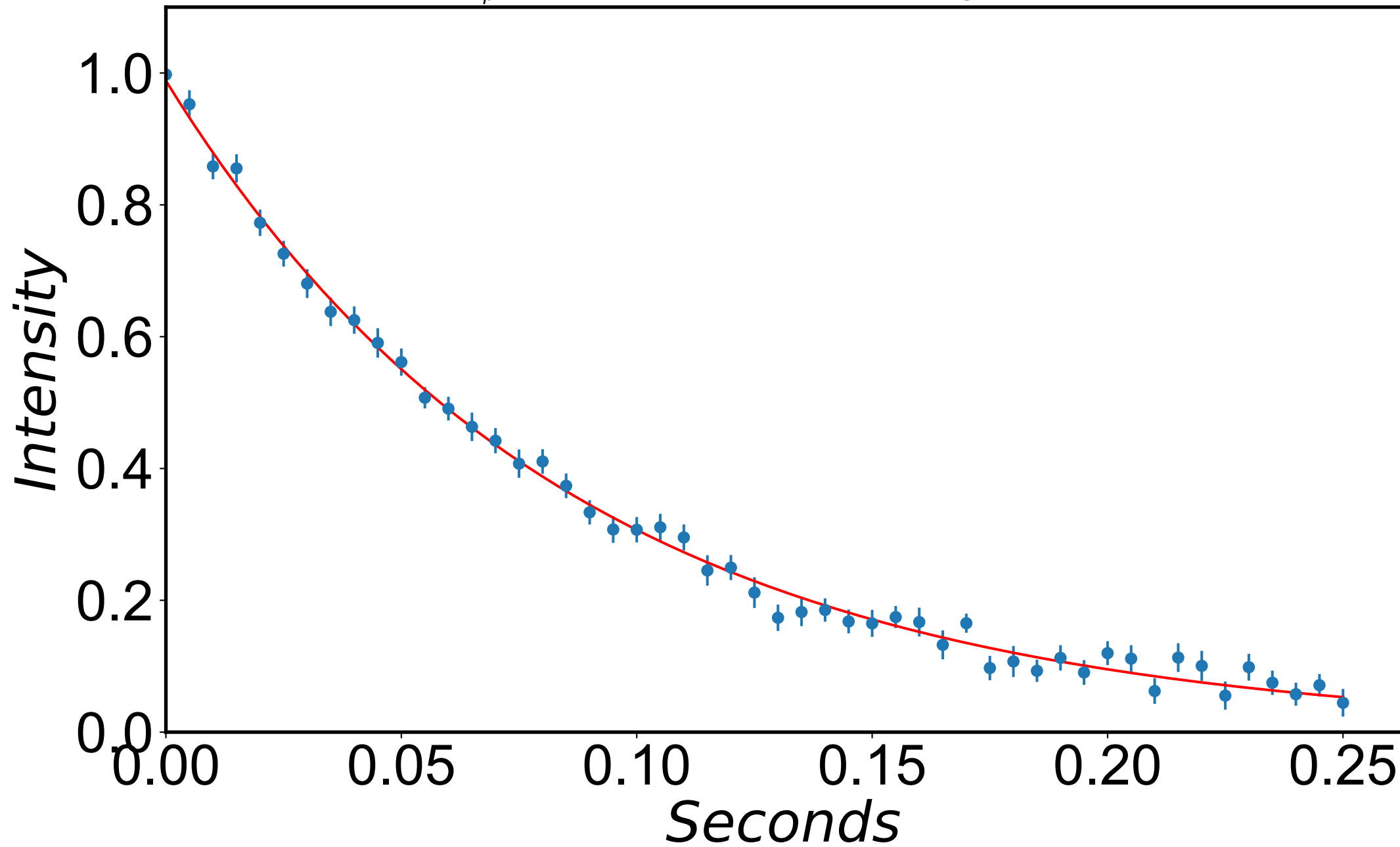
$$R_{1\rho} = 14.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 156 \text{ Hz}$$



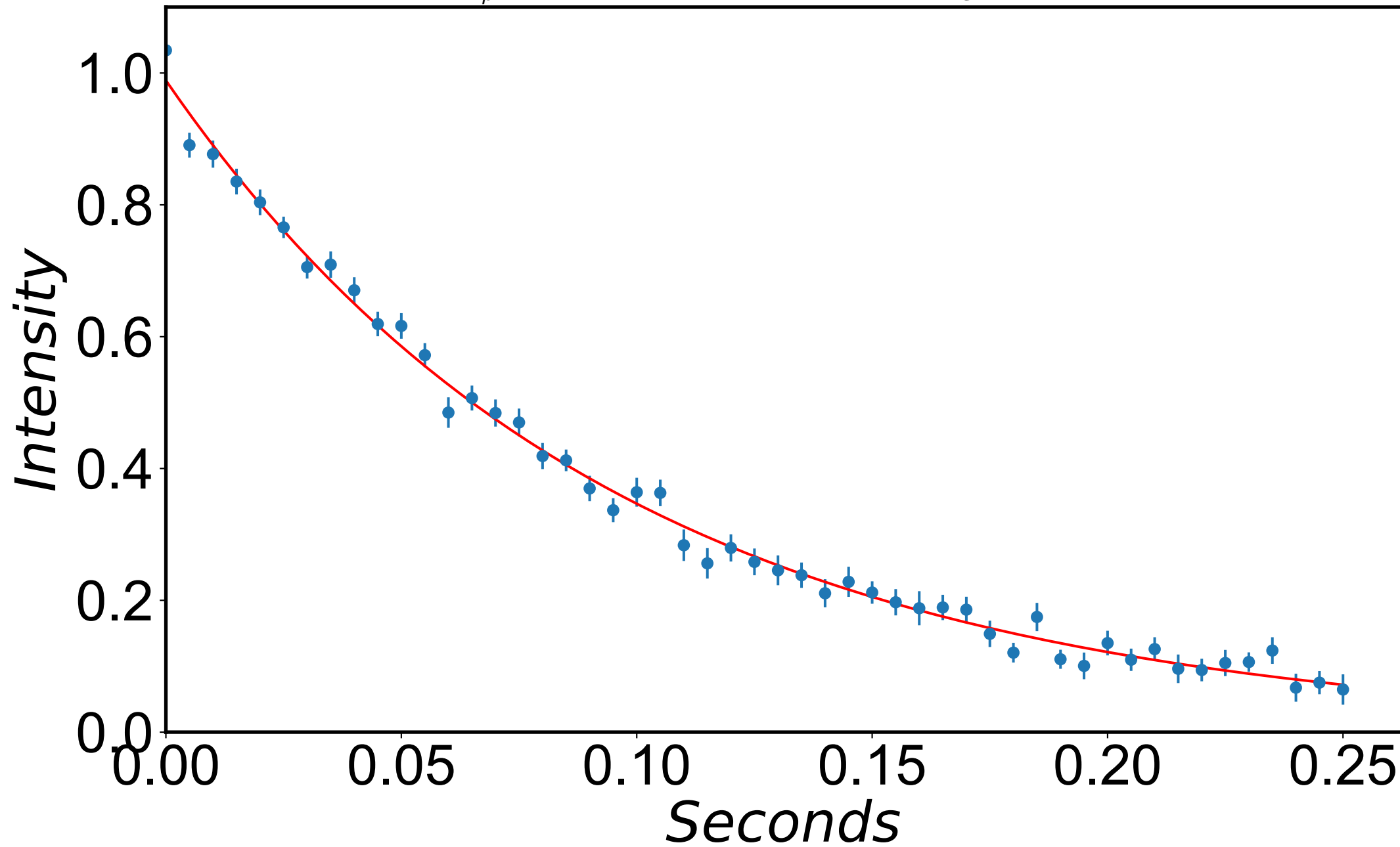
$$R_{1\rho} = 12.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 166 \text{ Hz}$$



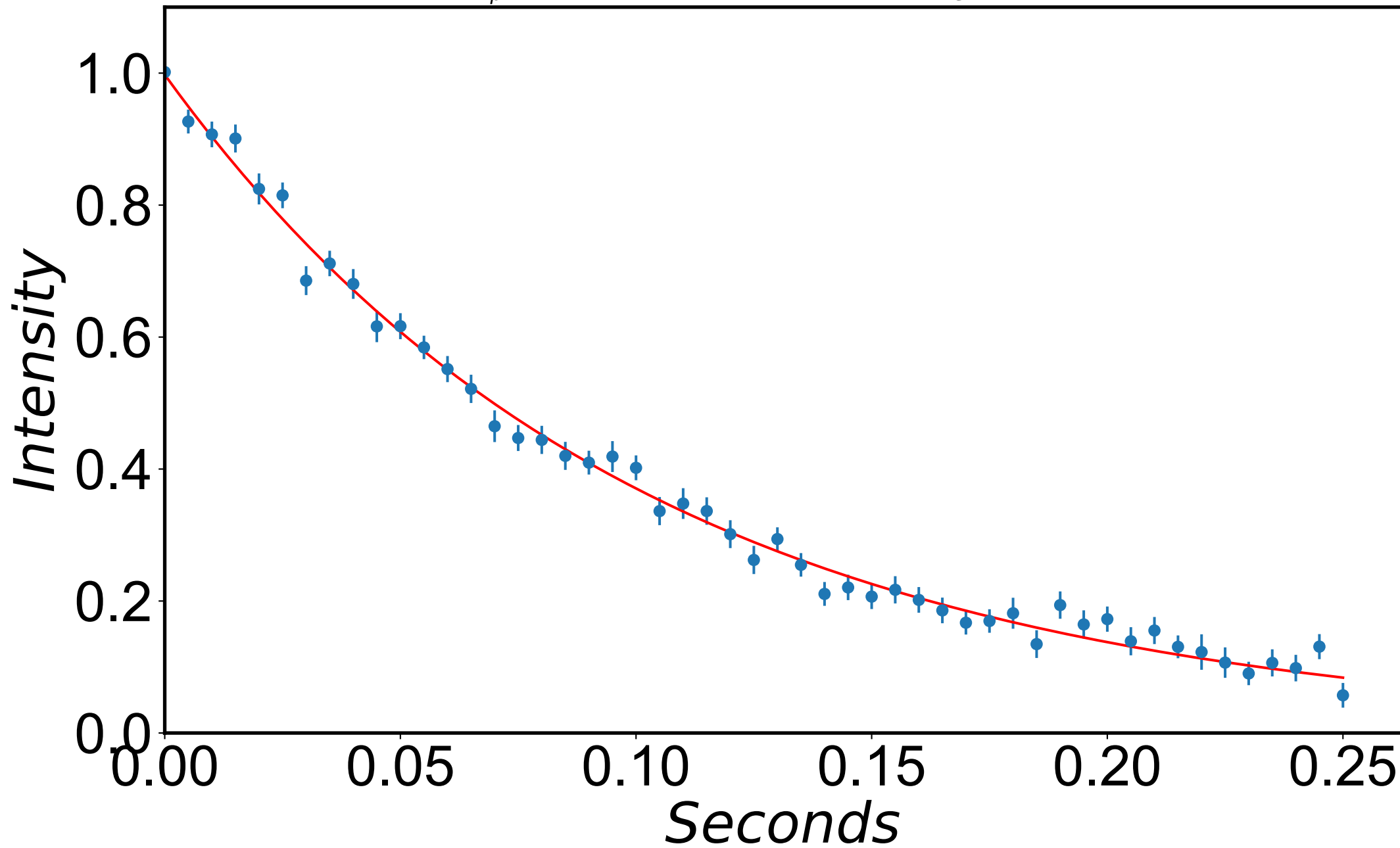
$$R_{1\rho} = 11.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 176 \text{ Hz}$$



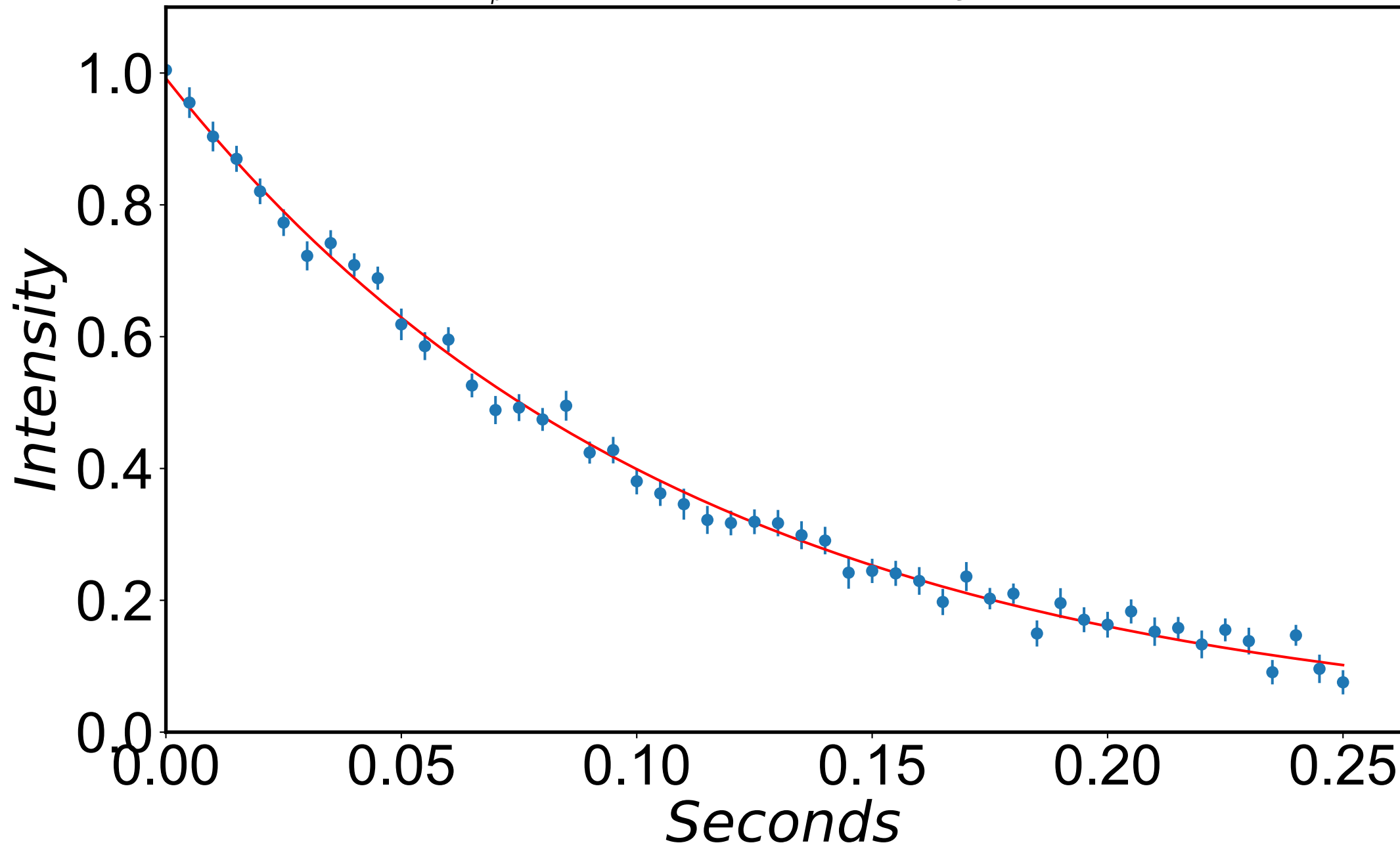
$$R_{1\rho} = 10.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 186 \text{ Hz}$$



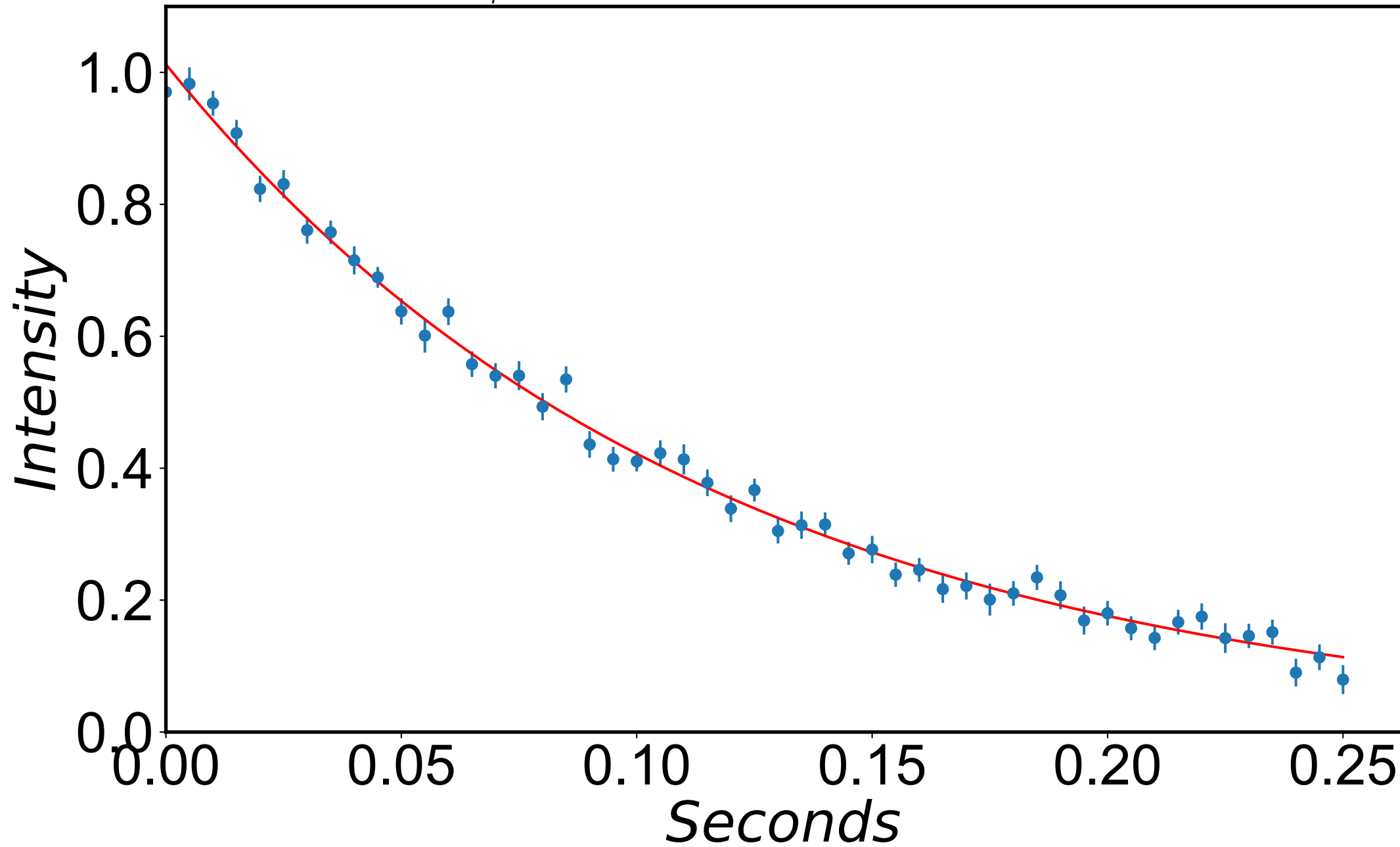
$$R_{1\rho} = 9.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 196 \text{ Hz}$$



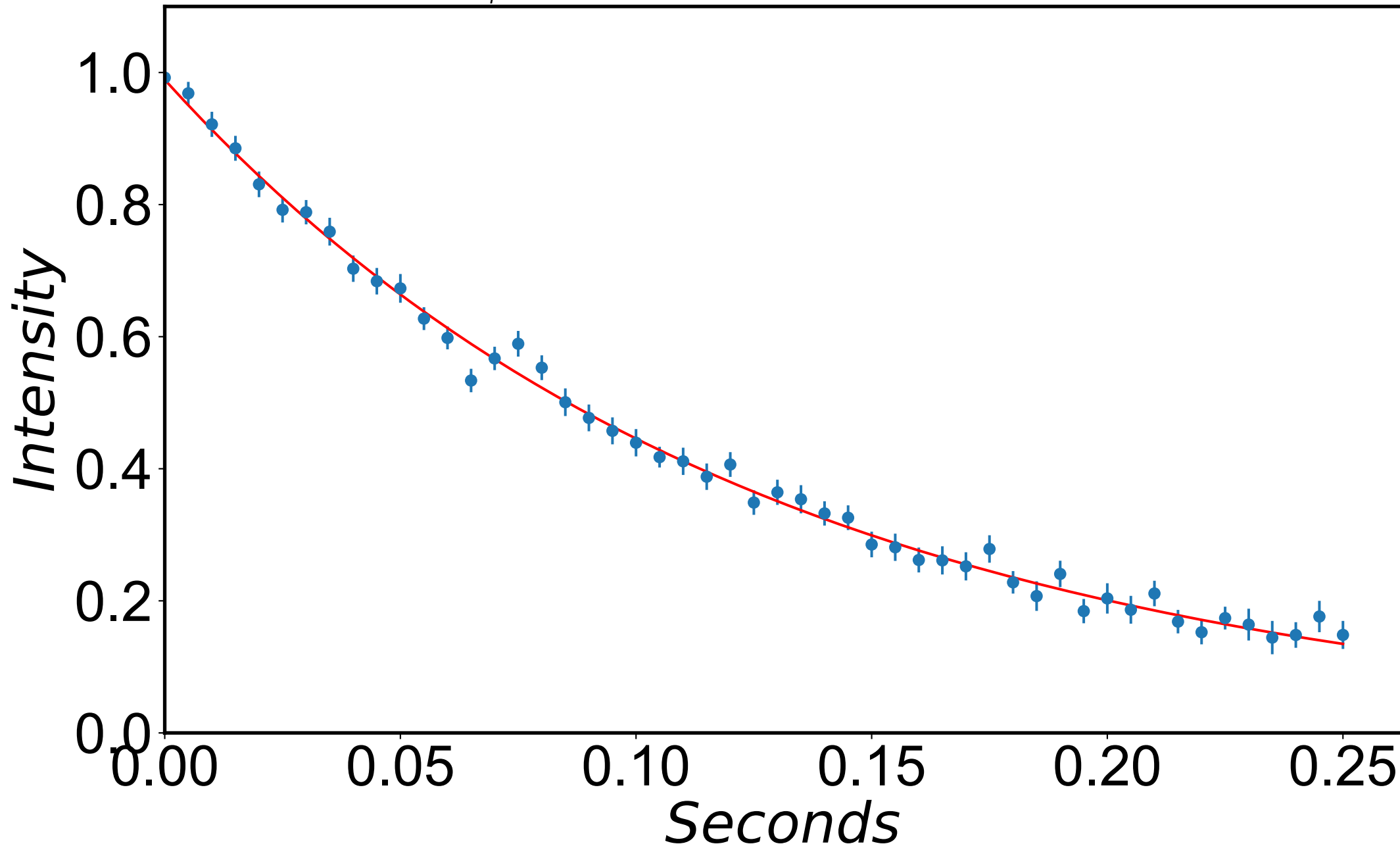
$$R_{1\rho} = 9.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 206 \text{ Hz}$$



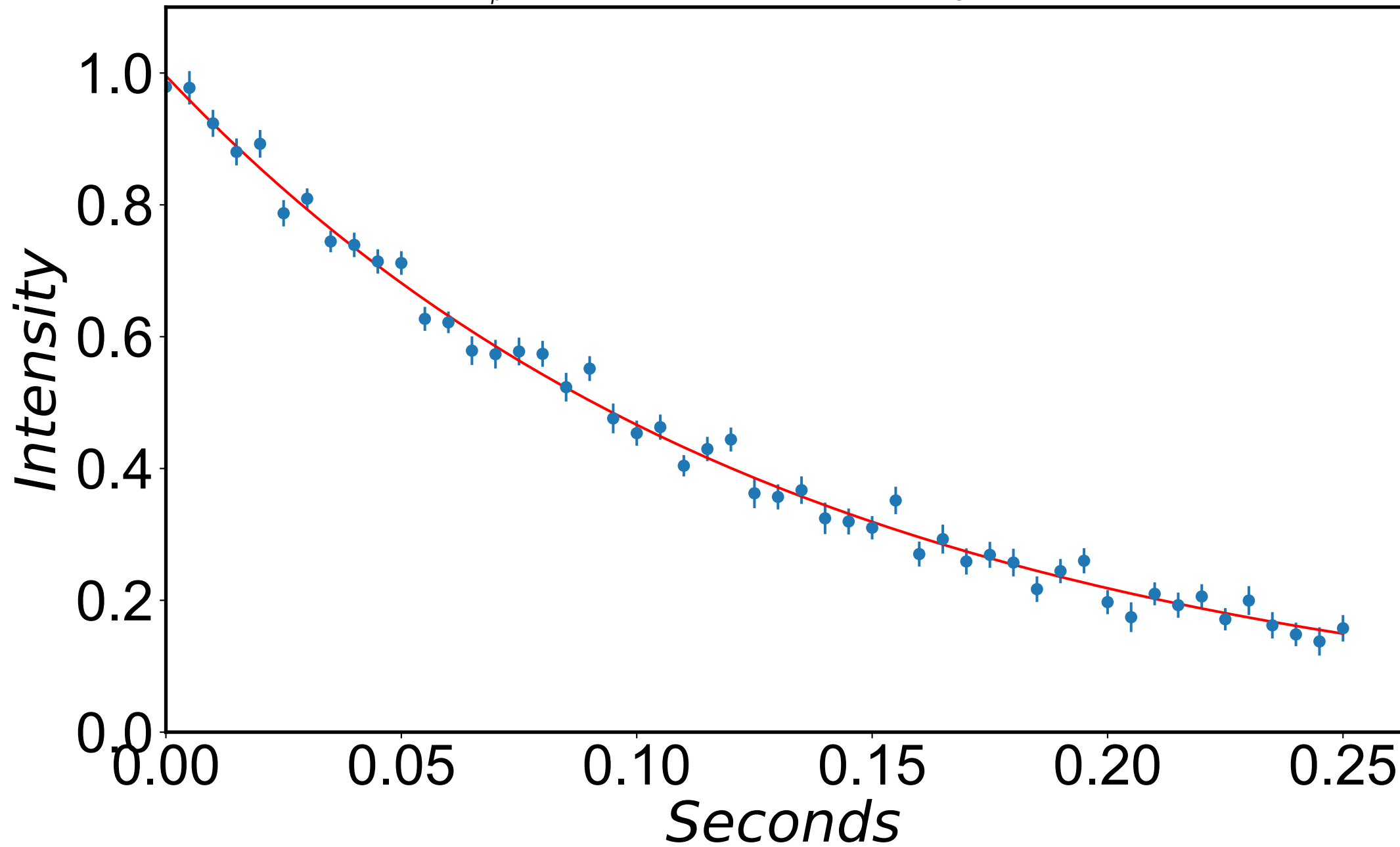
$$R_{1\rho} = 8.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 216 \text{ Hz}$$



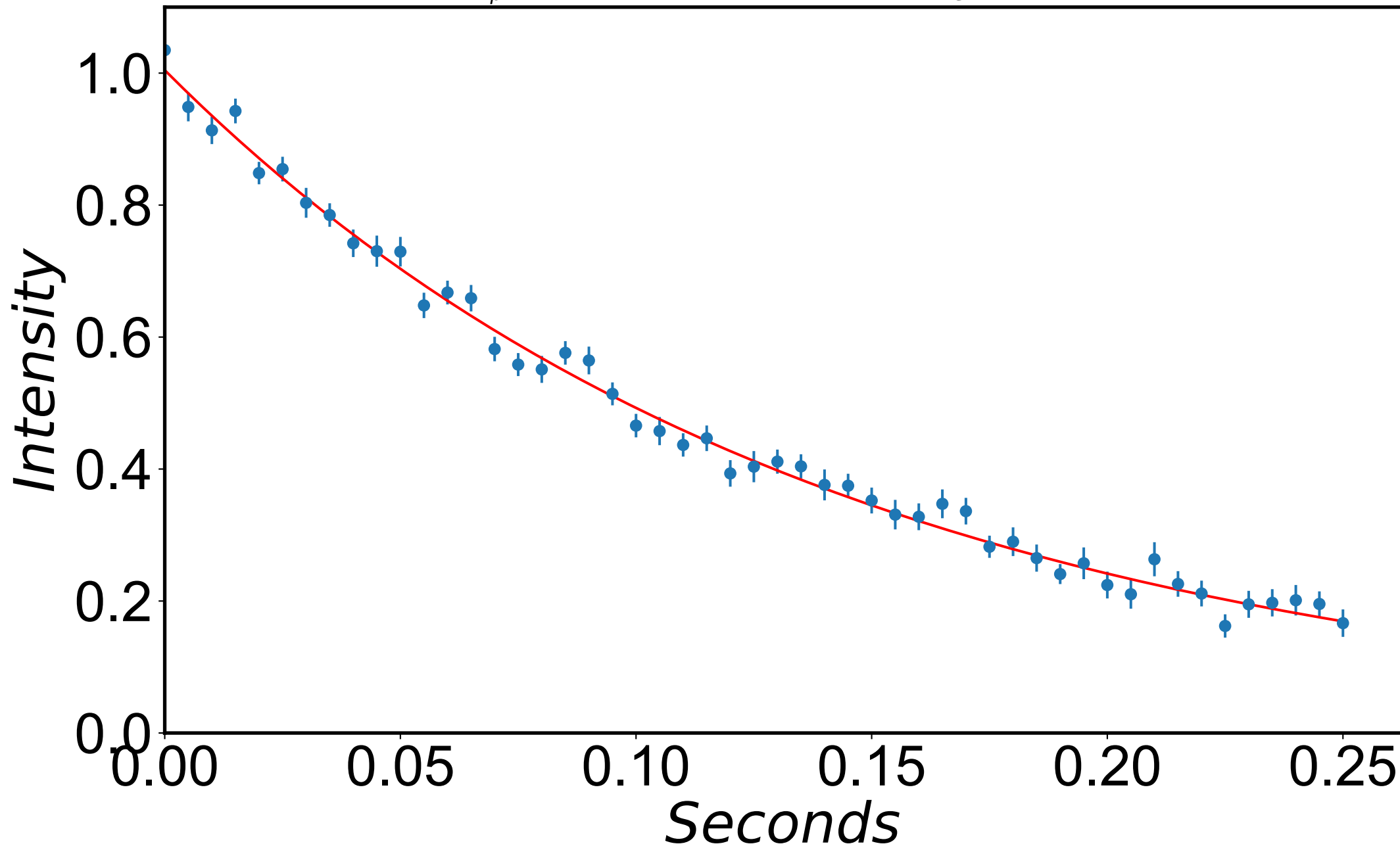
$$R_{1\rho} = 8.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 226 \text{ Hz}$$



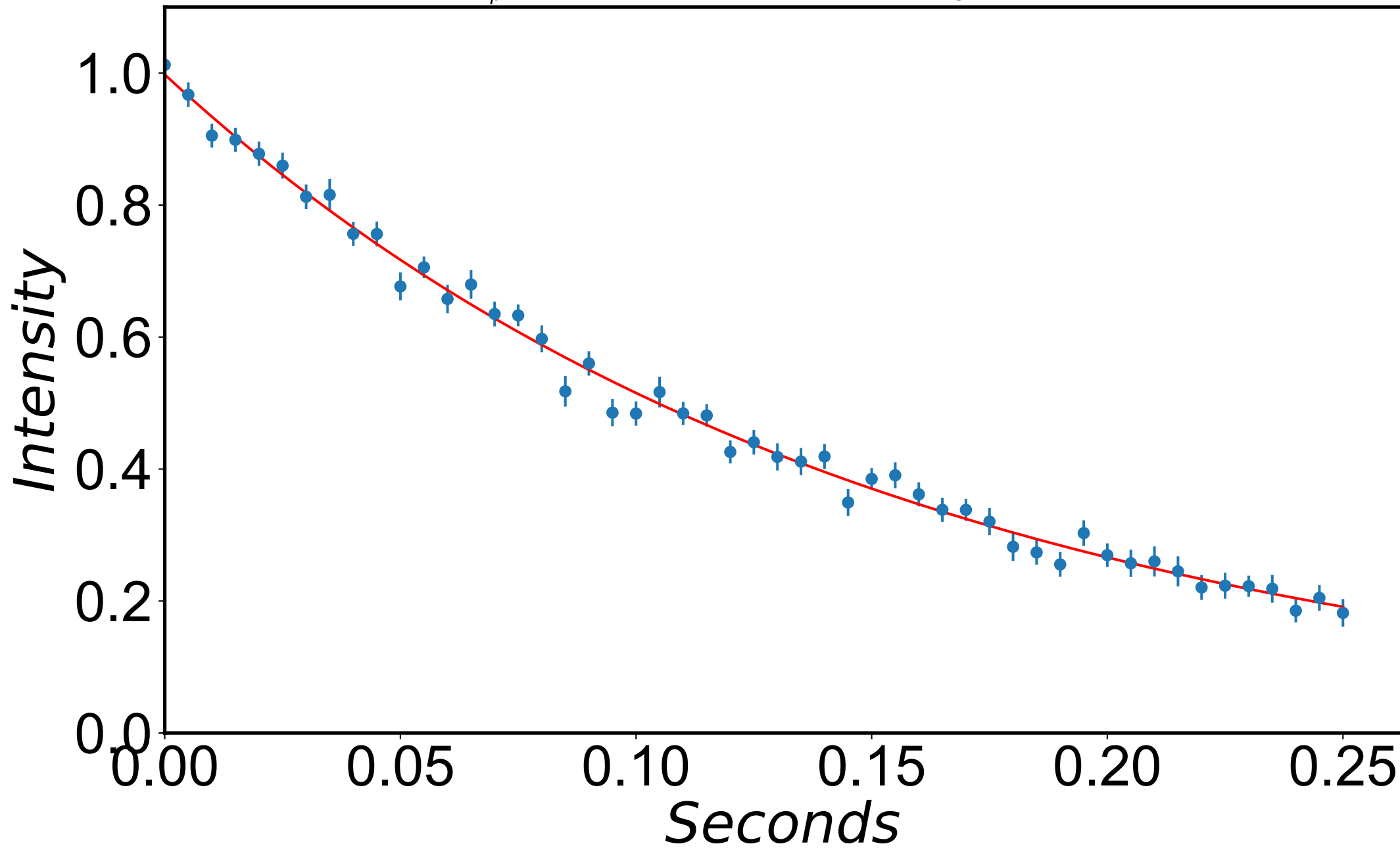
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 236 \text{ Hz}$$



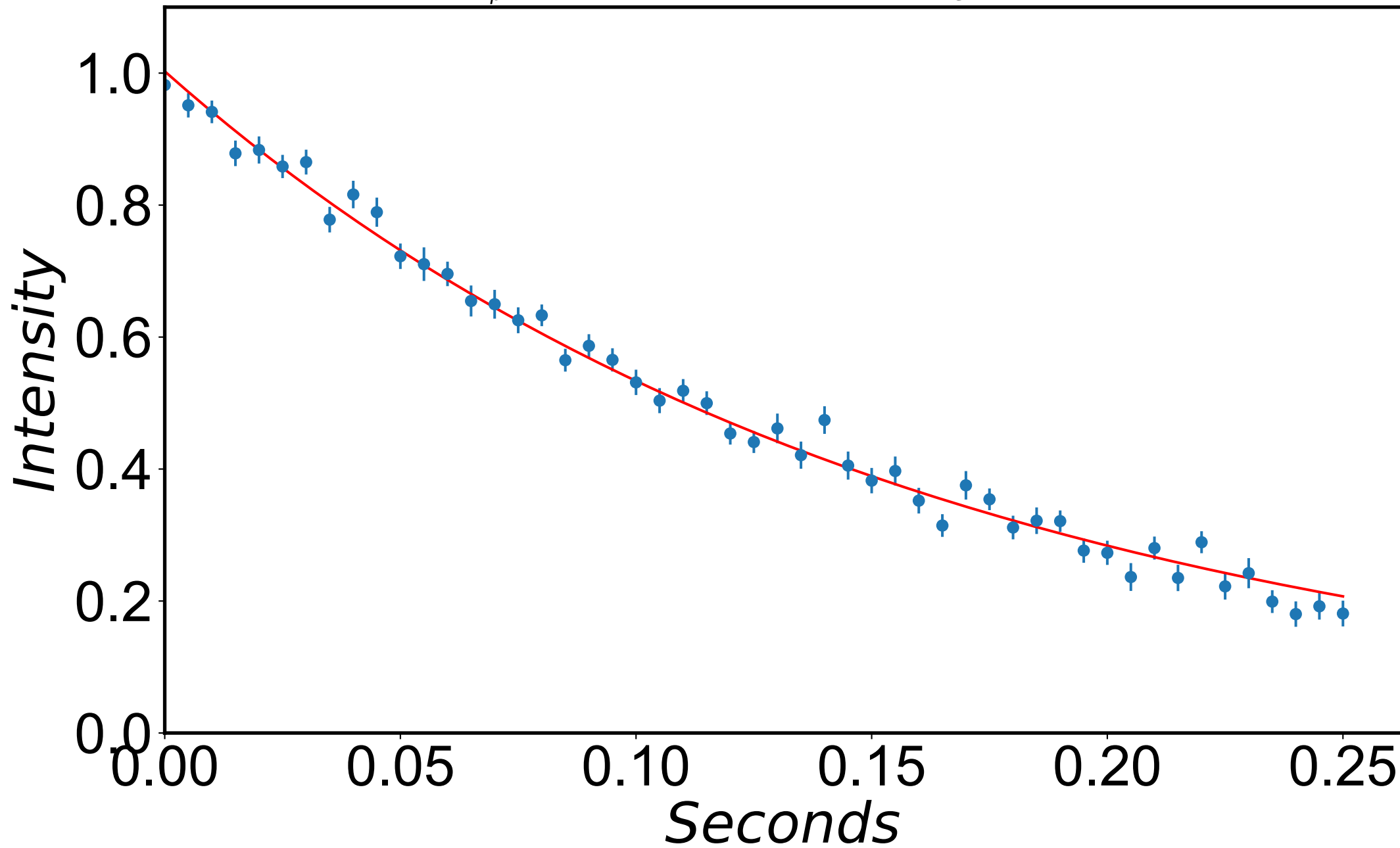
$$R_{1\rho} = 7.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 246 \text{ Hz}$$



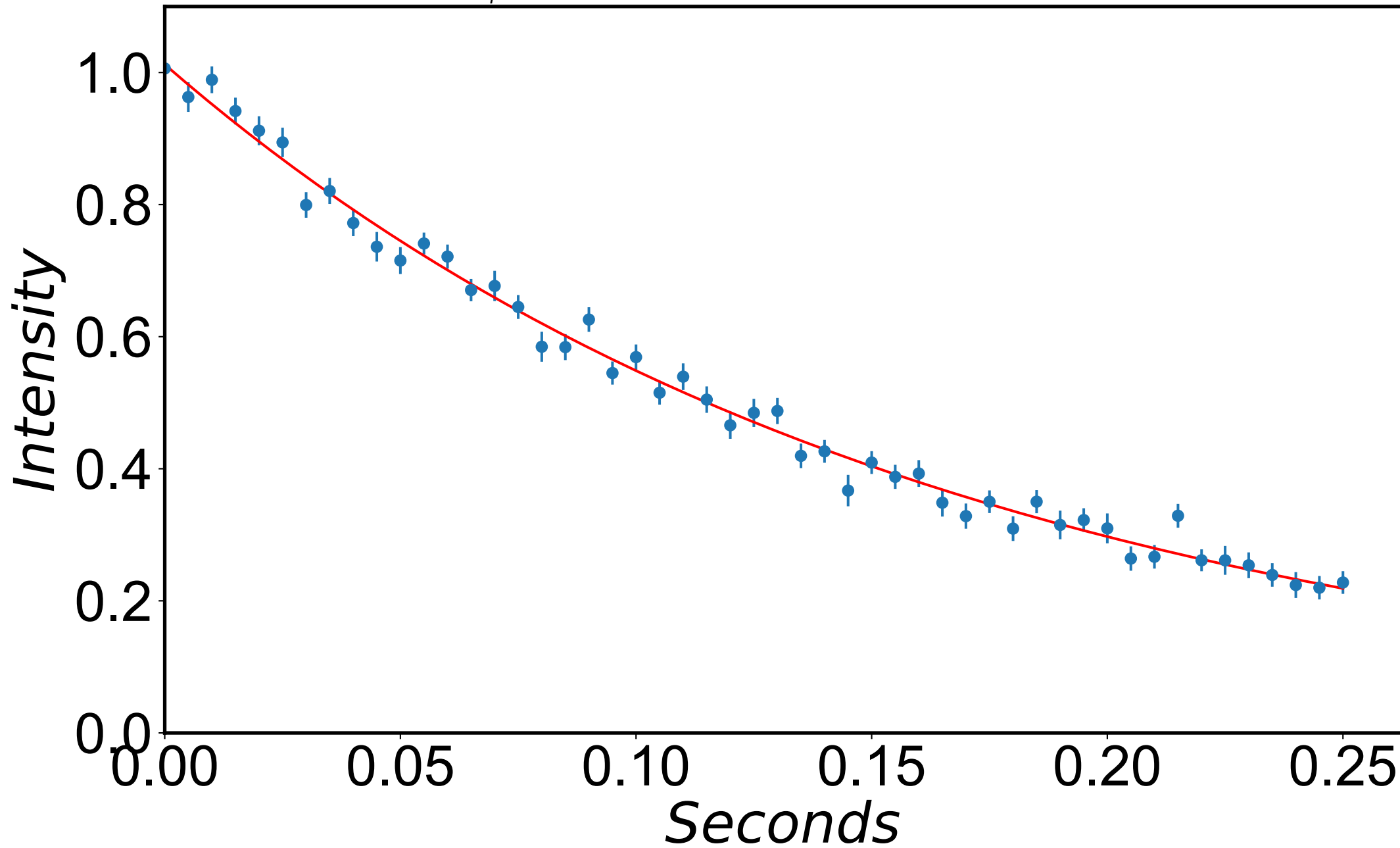
$$R_{1\rho} = 6.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 256 \text{ Hz}$$



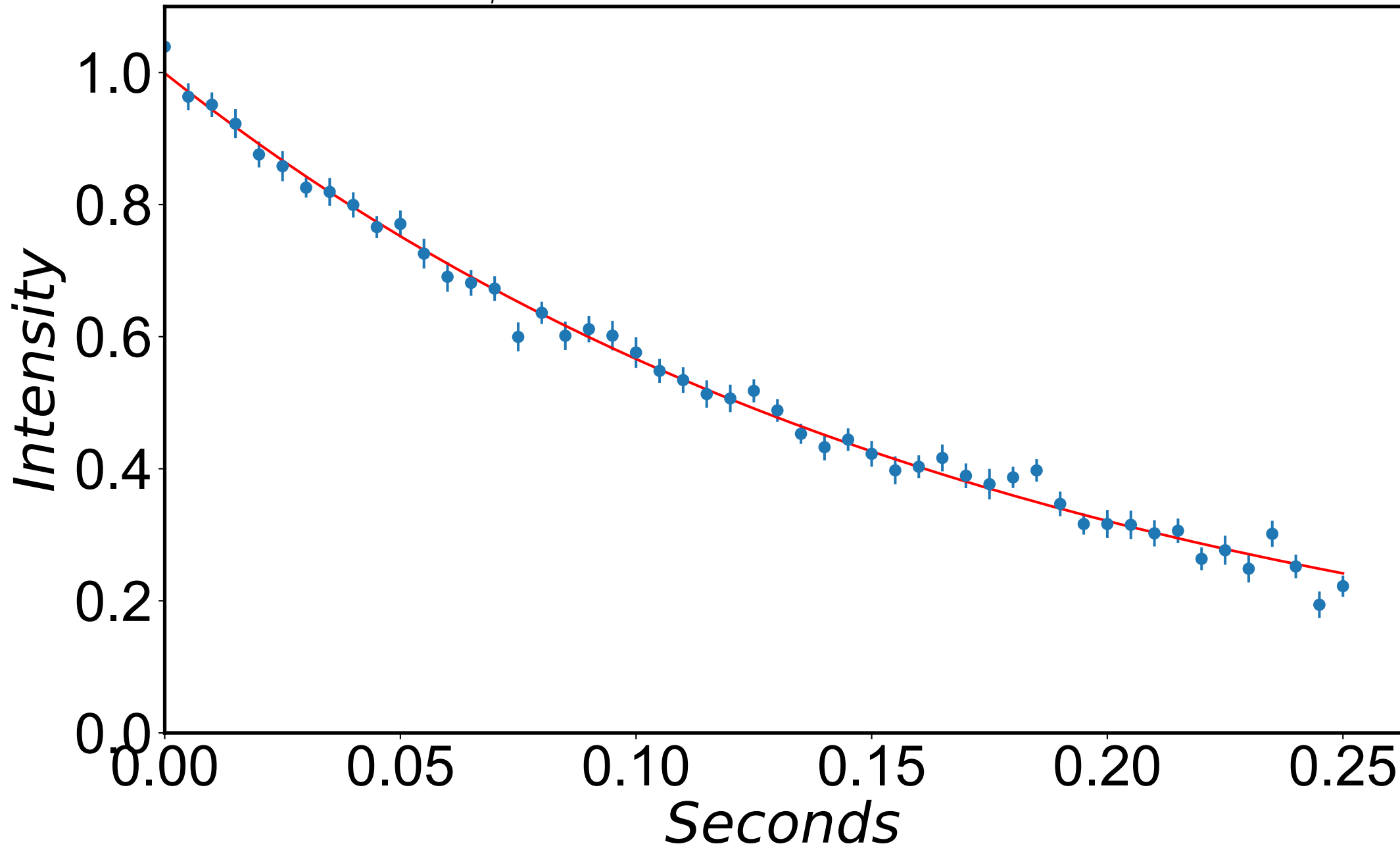
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 266 \text{ Hz}$$



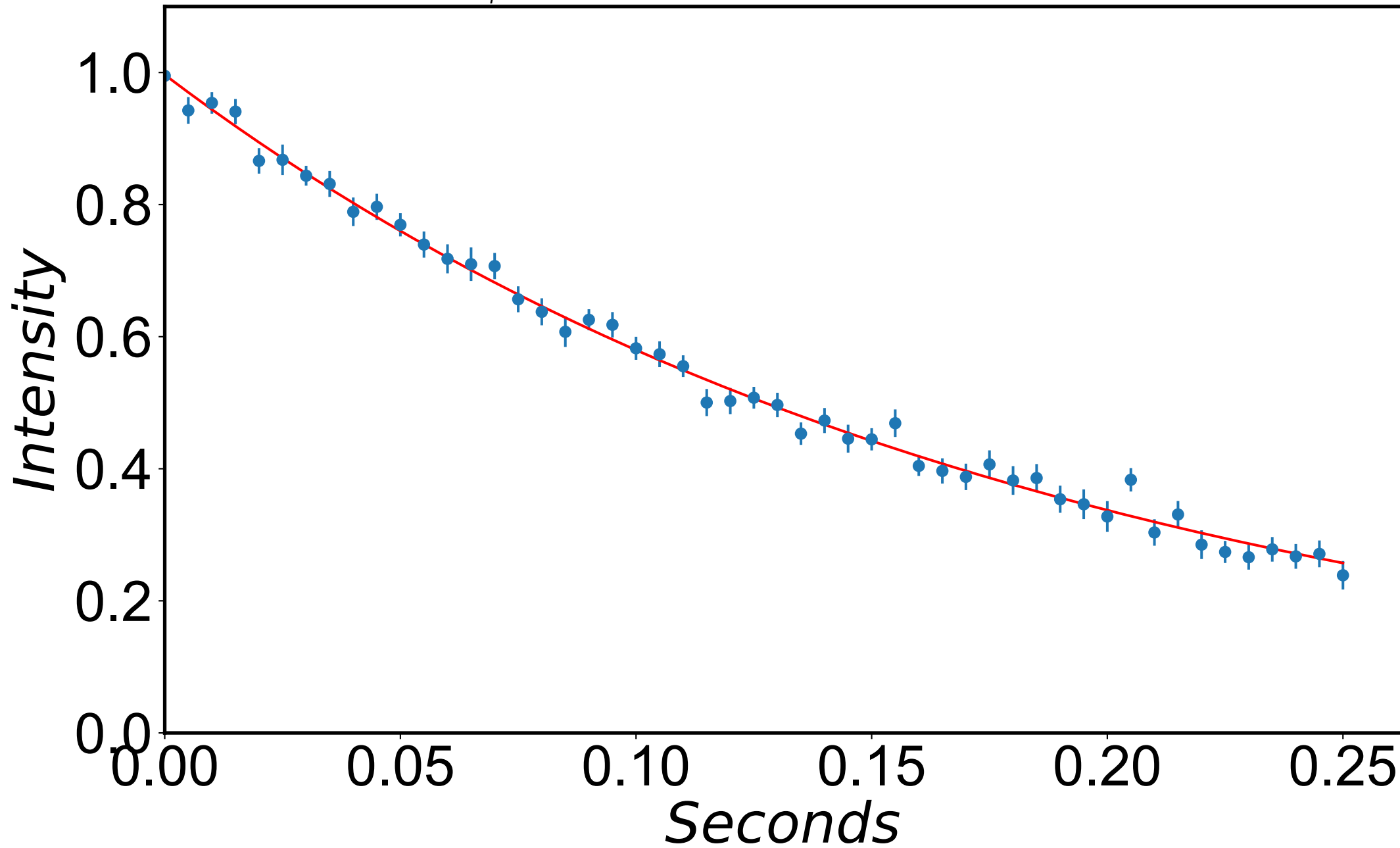
$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 276 \text{ Hz}$$



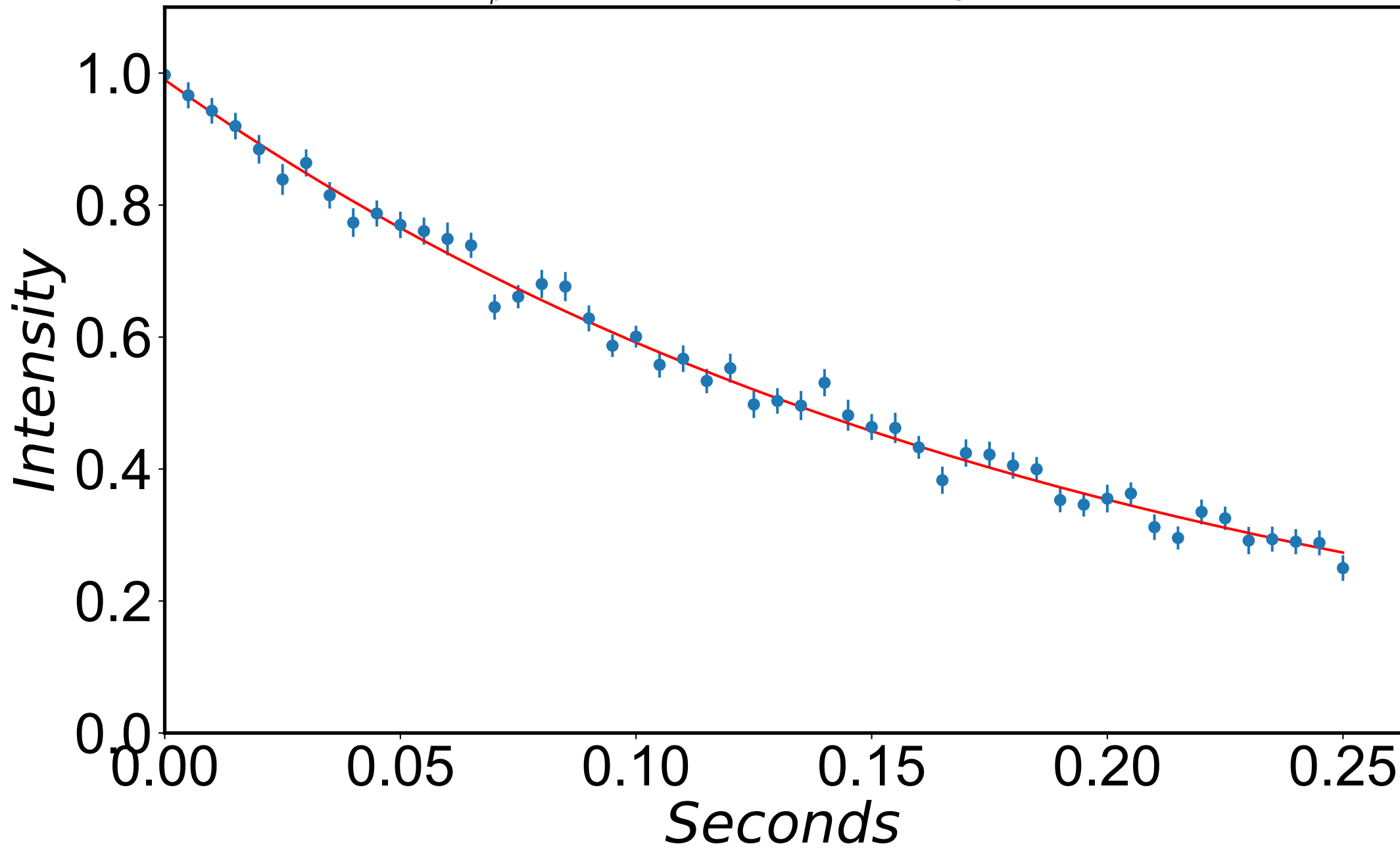
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 286 \text{ Hz}$$



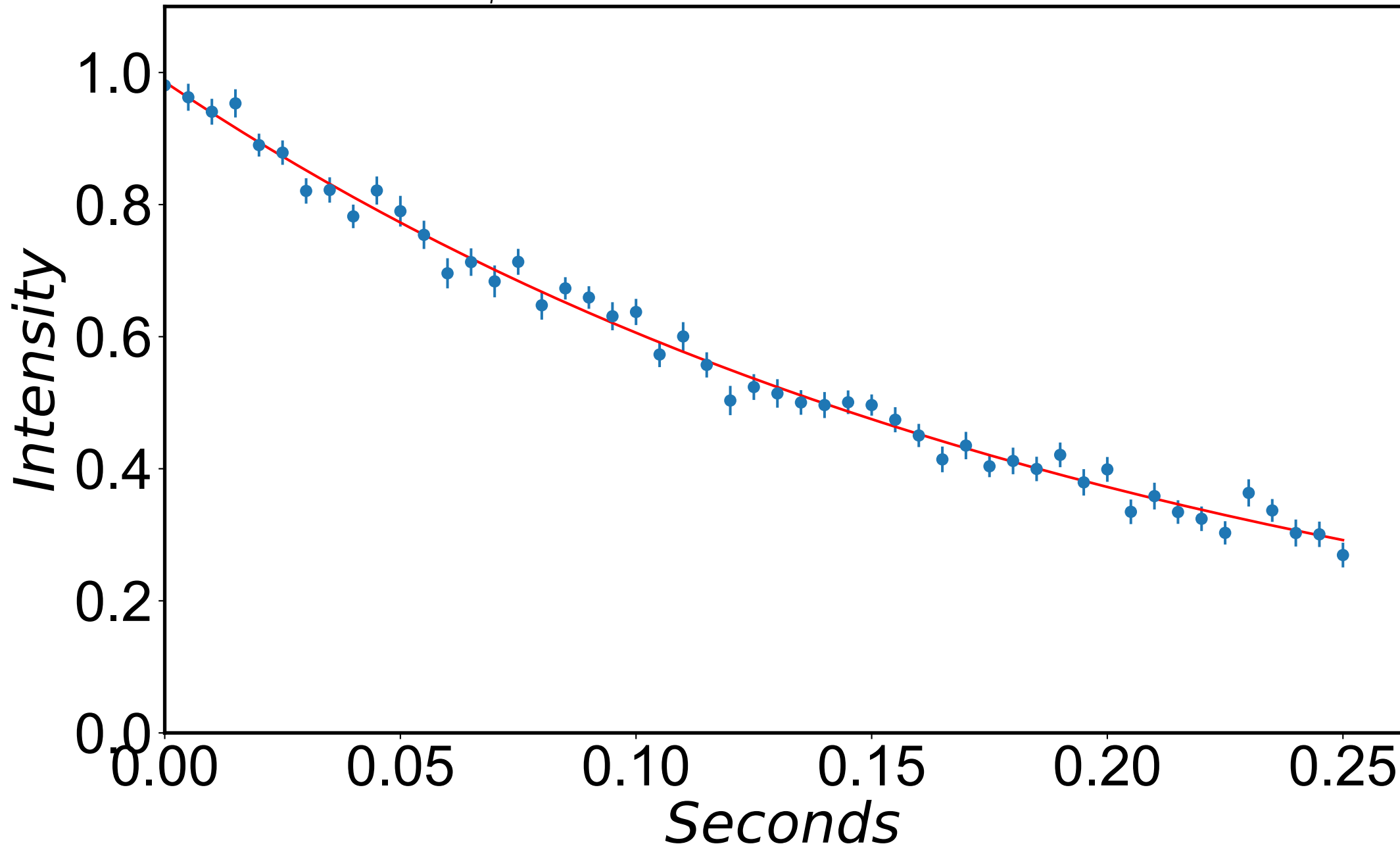
$$R_{1\rho} = 5.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 296 \text{ Hz}$$



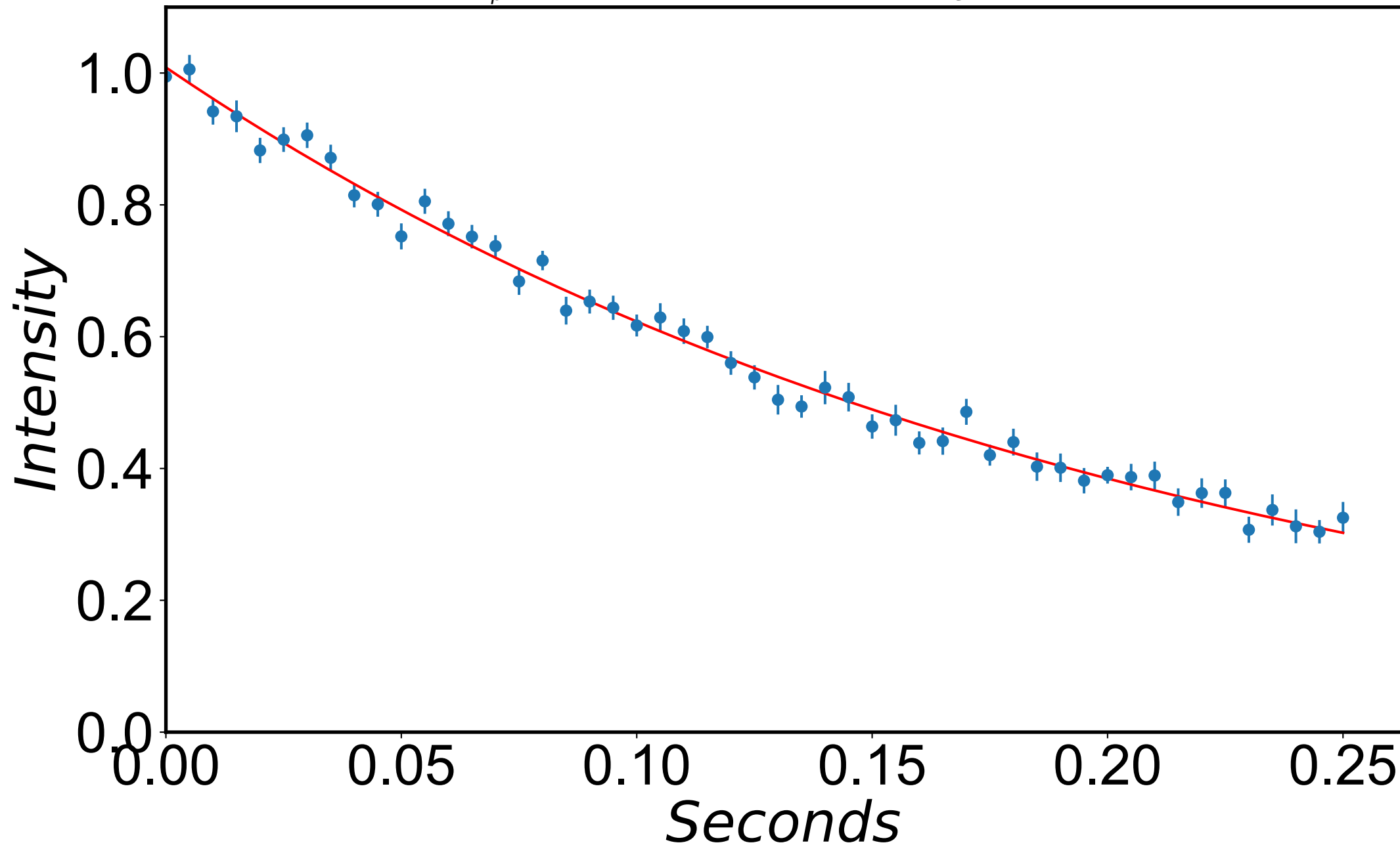
$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 307 \text{ Hz}$$



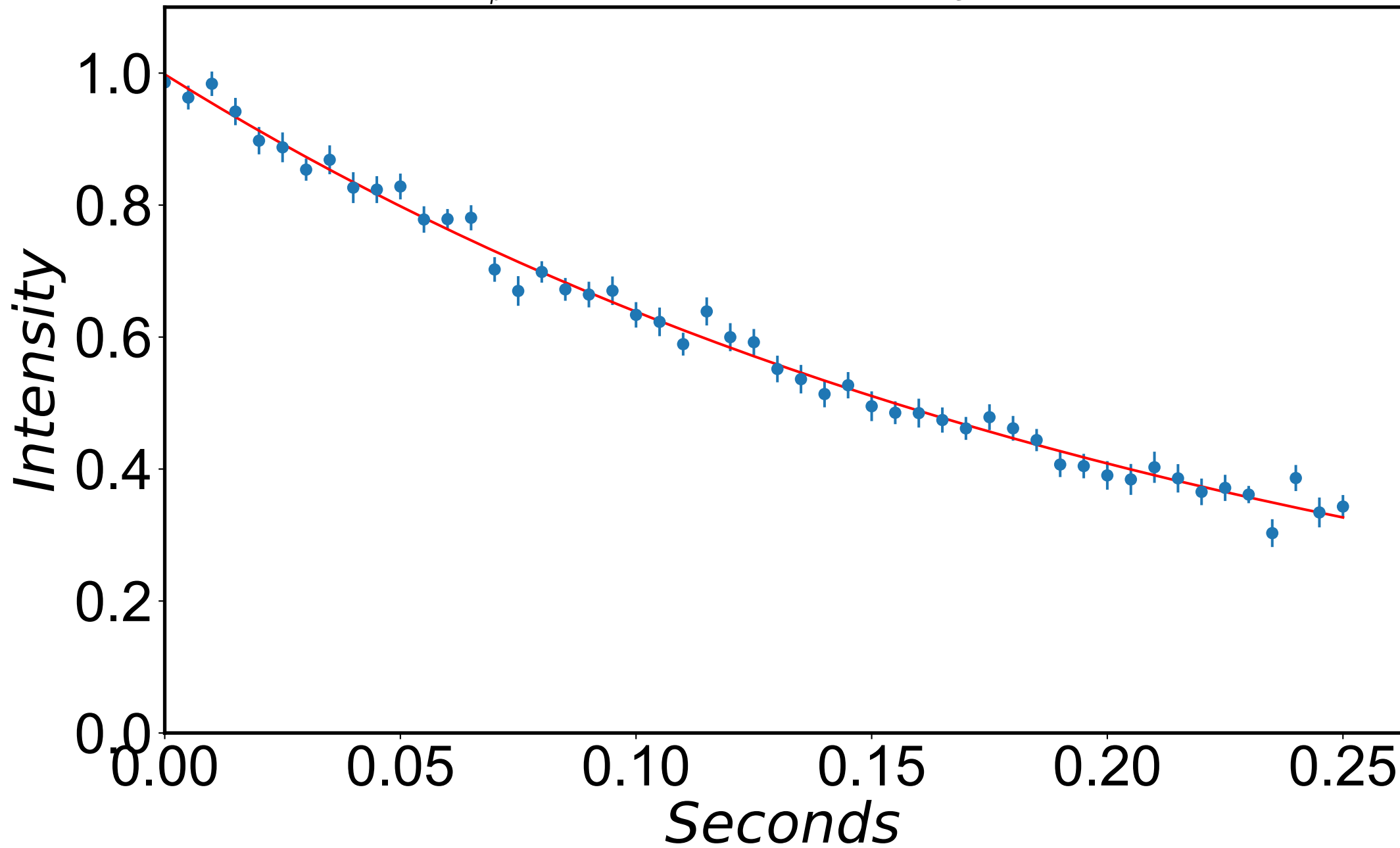
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 317 \text{ Hz}$$



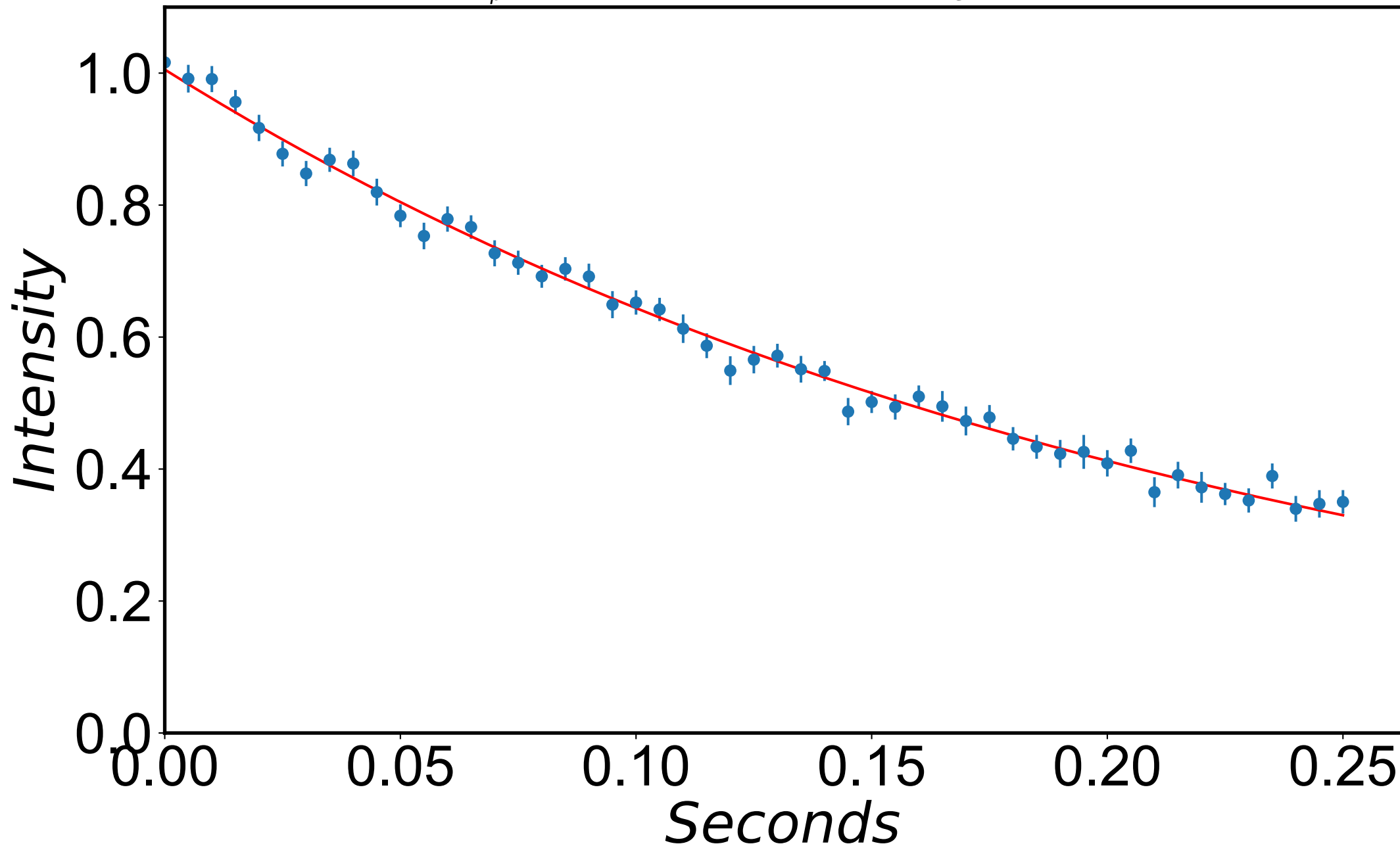
$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 327 \text{ Hz}$$



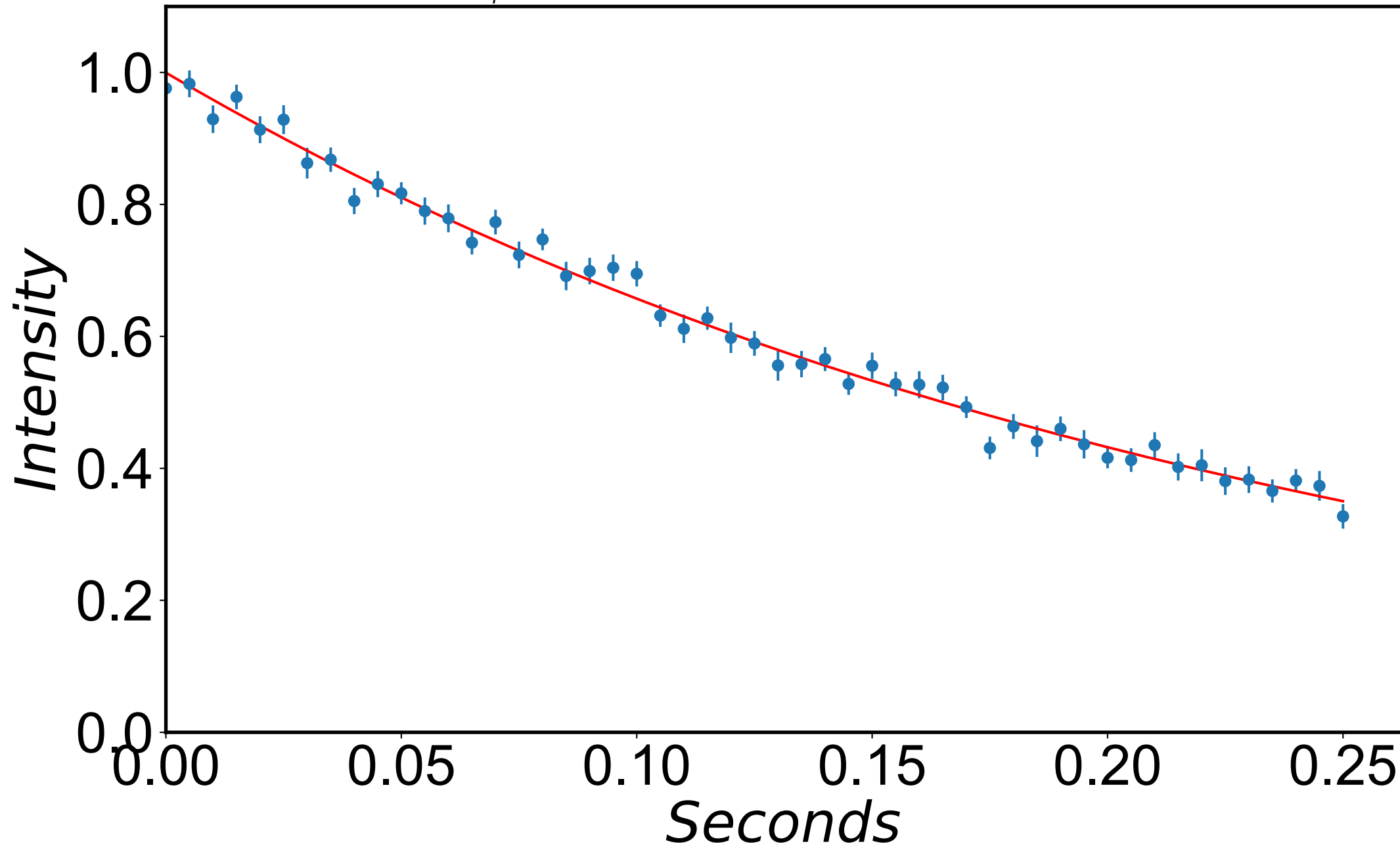
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 337 \text{ Hz}$$



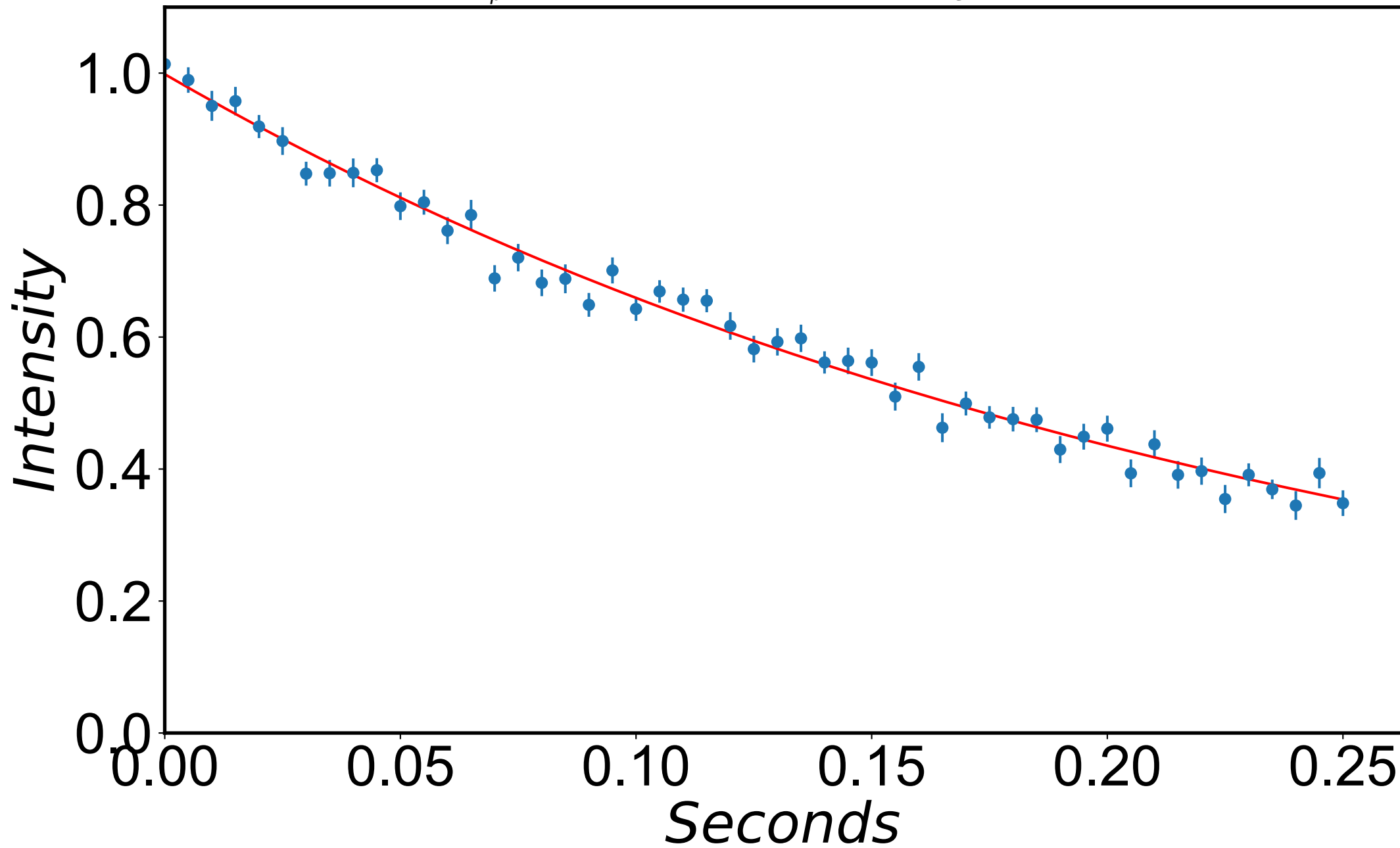
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 347 \text{ Hz}$$



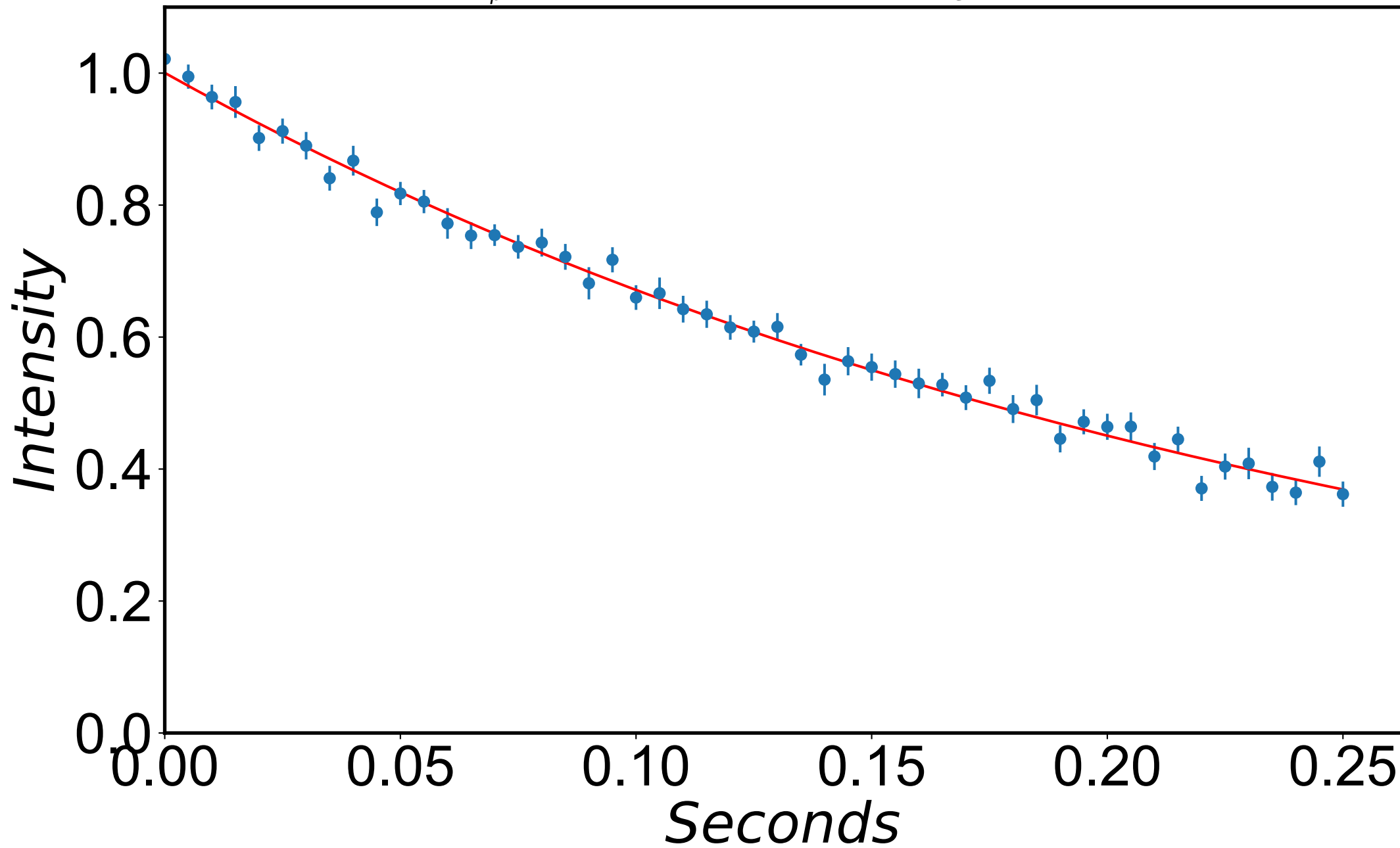
$$R_{1\rho} = 4.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 357 \text{ Hz}$$



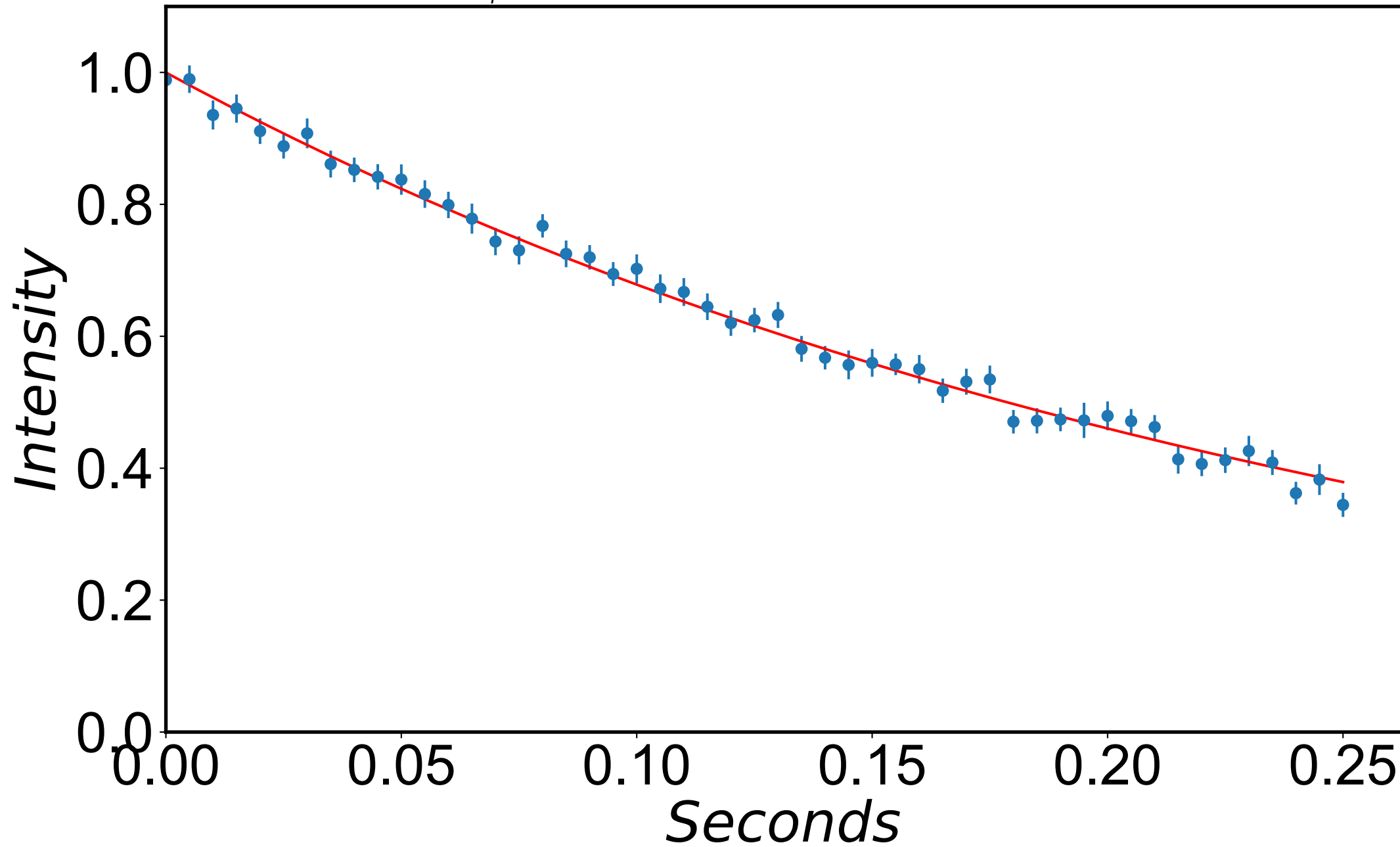
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 367 \text{ Hz}$$



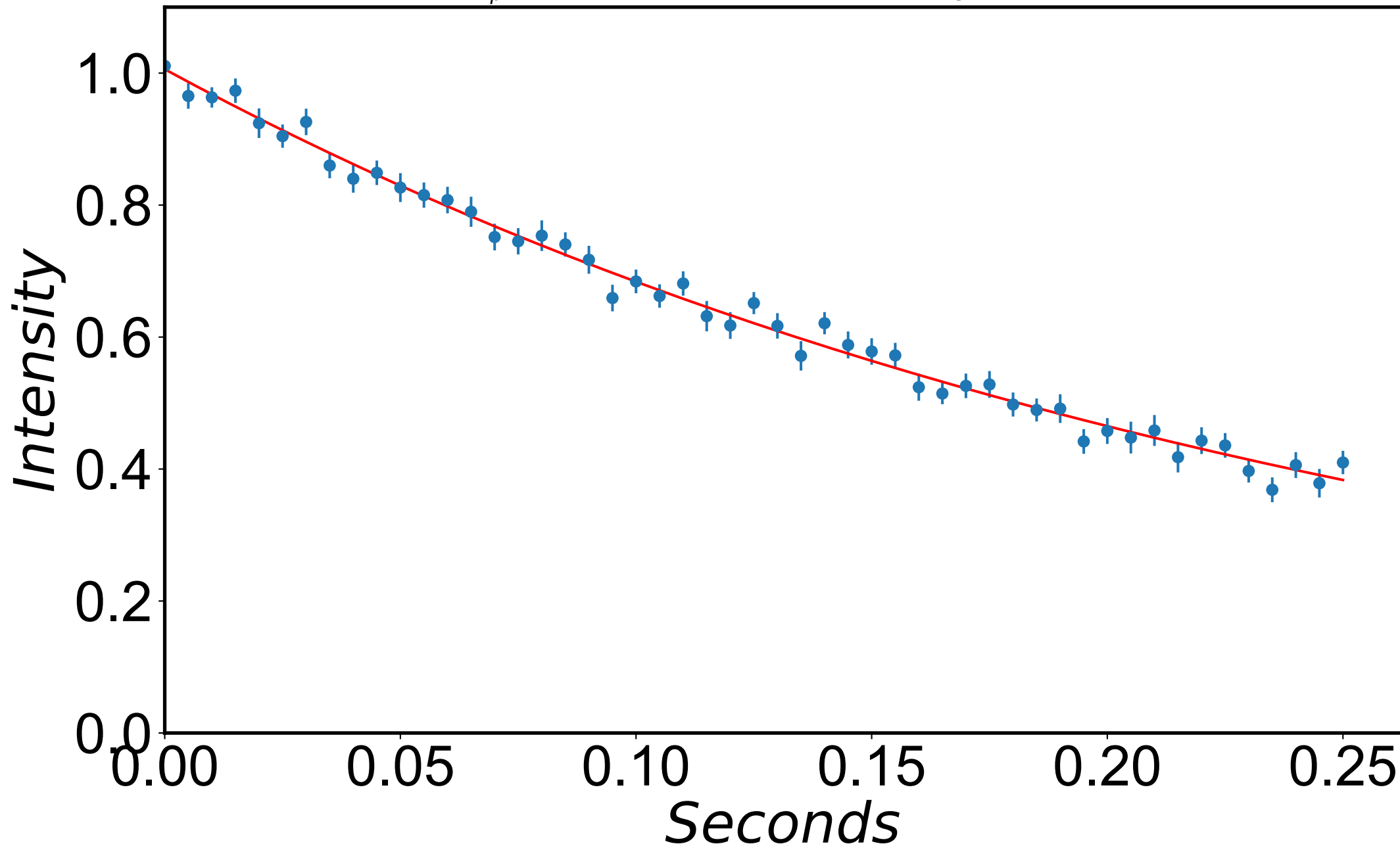
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 377 \text{ Hz}$$



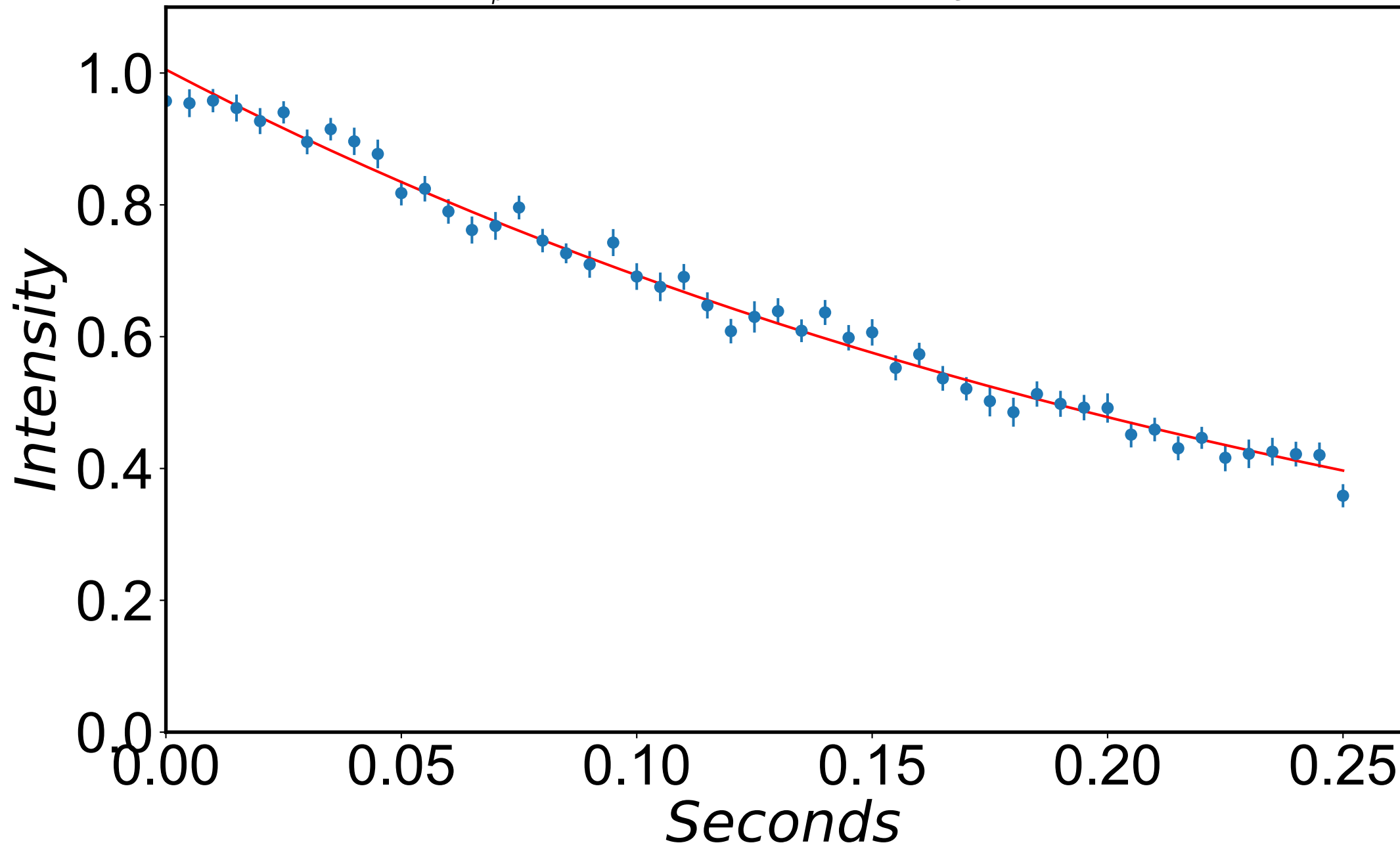
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 387 \text{ Hz}$$



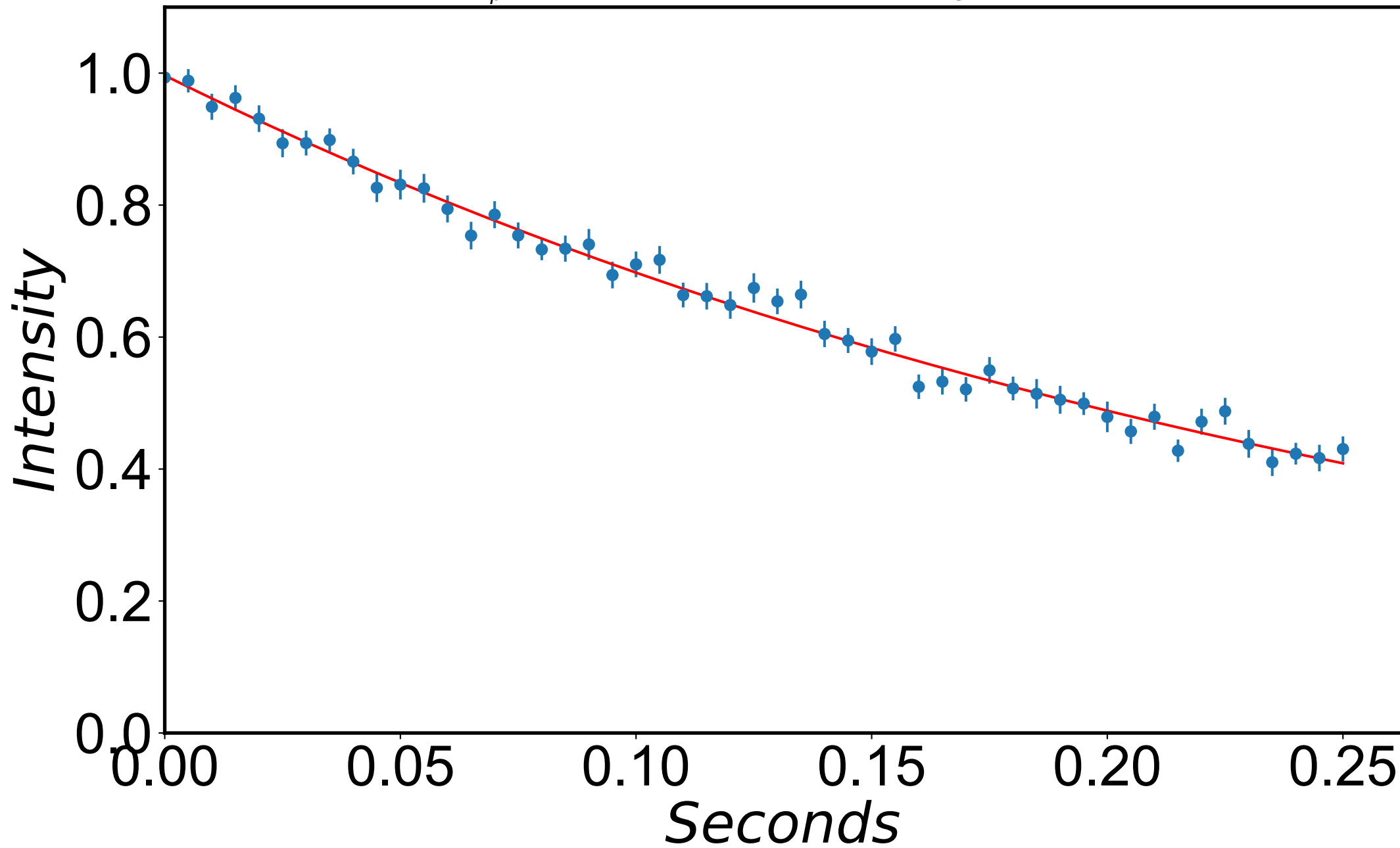
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 397 \text{ Hz}$$



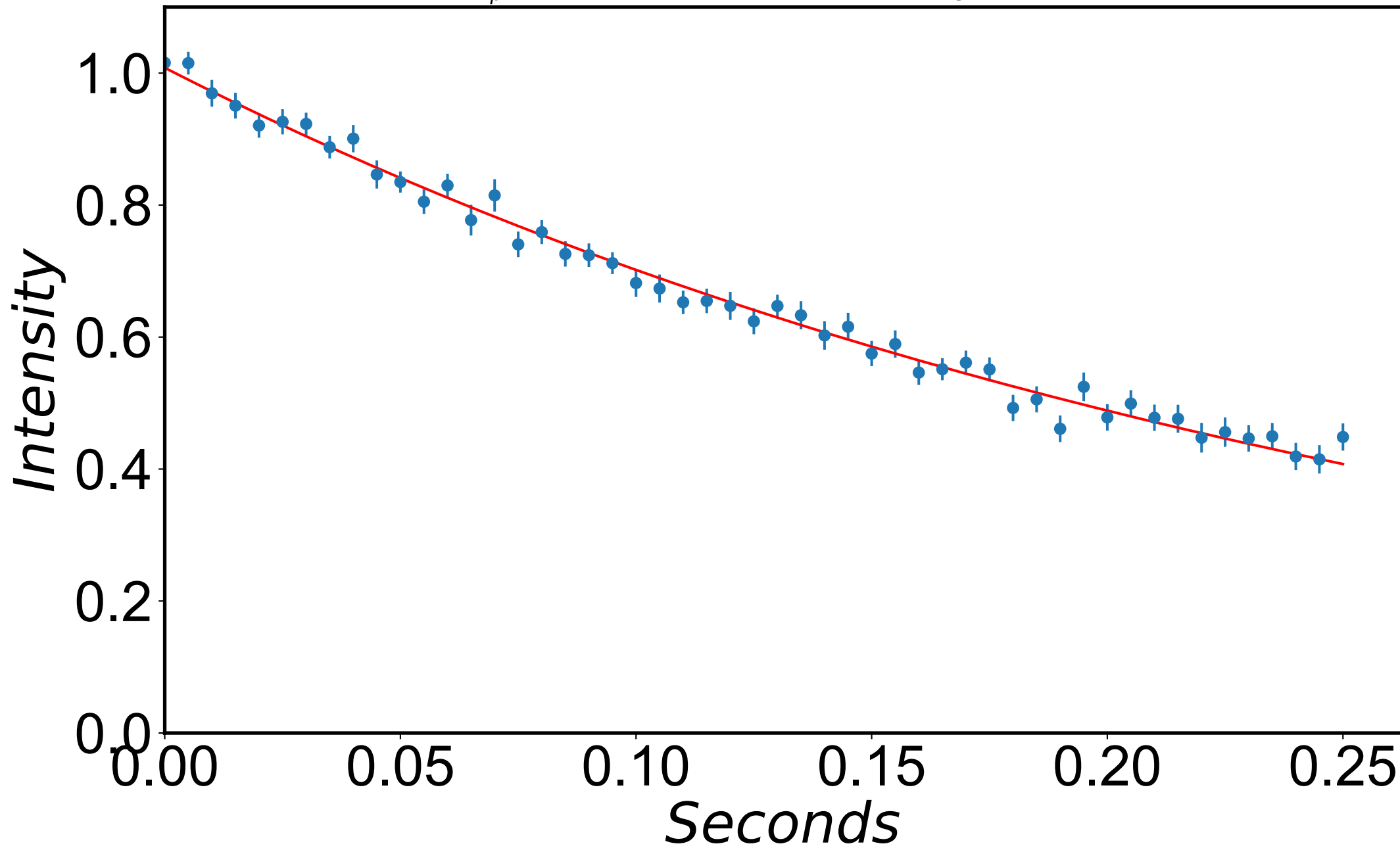
$$R_{1\rho} = 3.7 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 407 \text{ Hz}$$



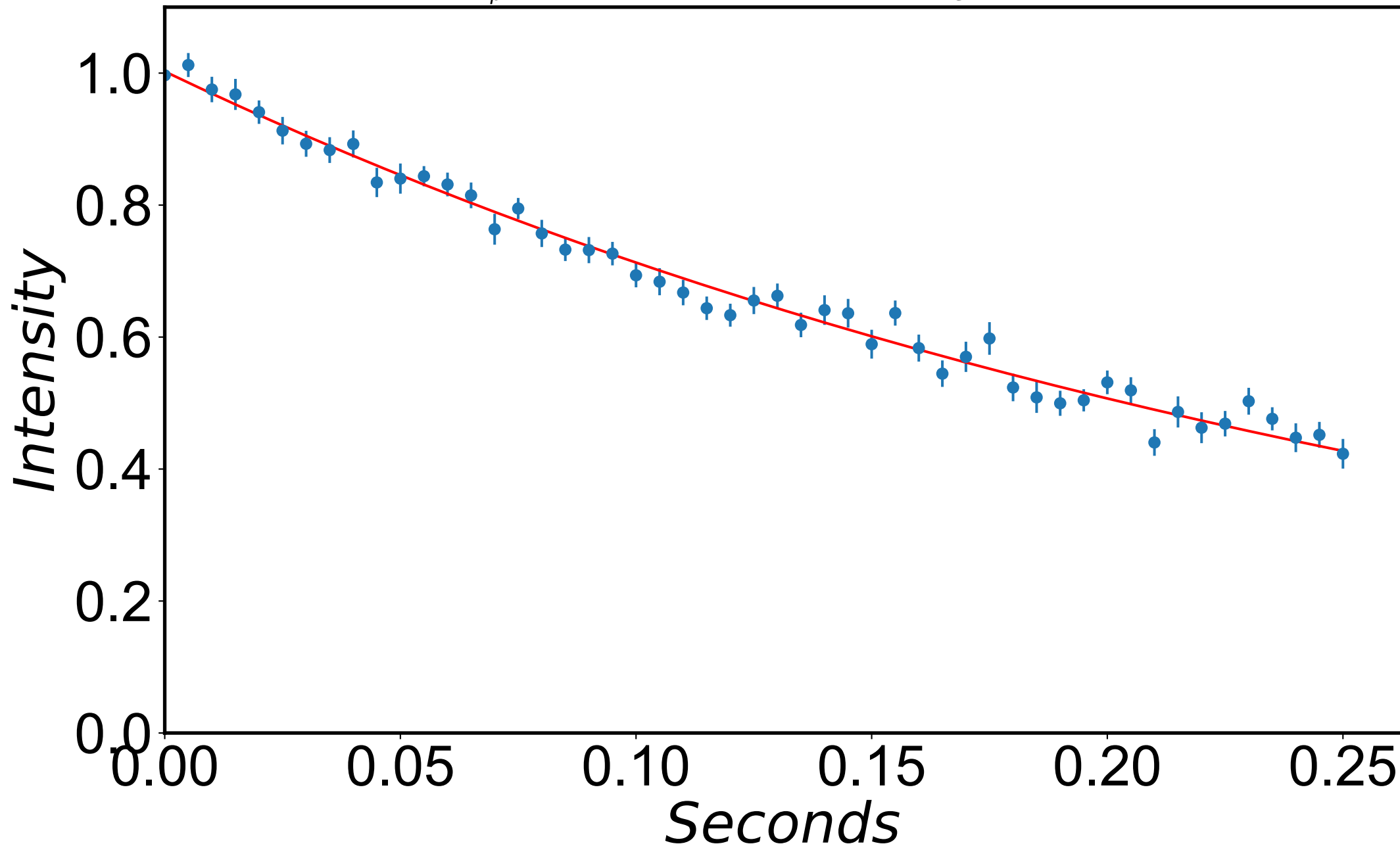
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 417 \text{ Hz}$$



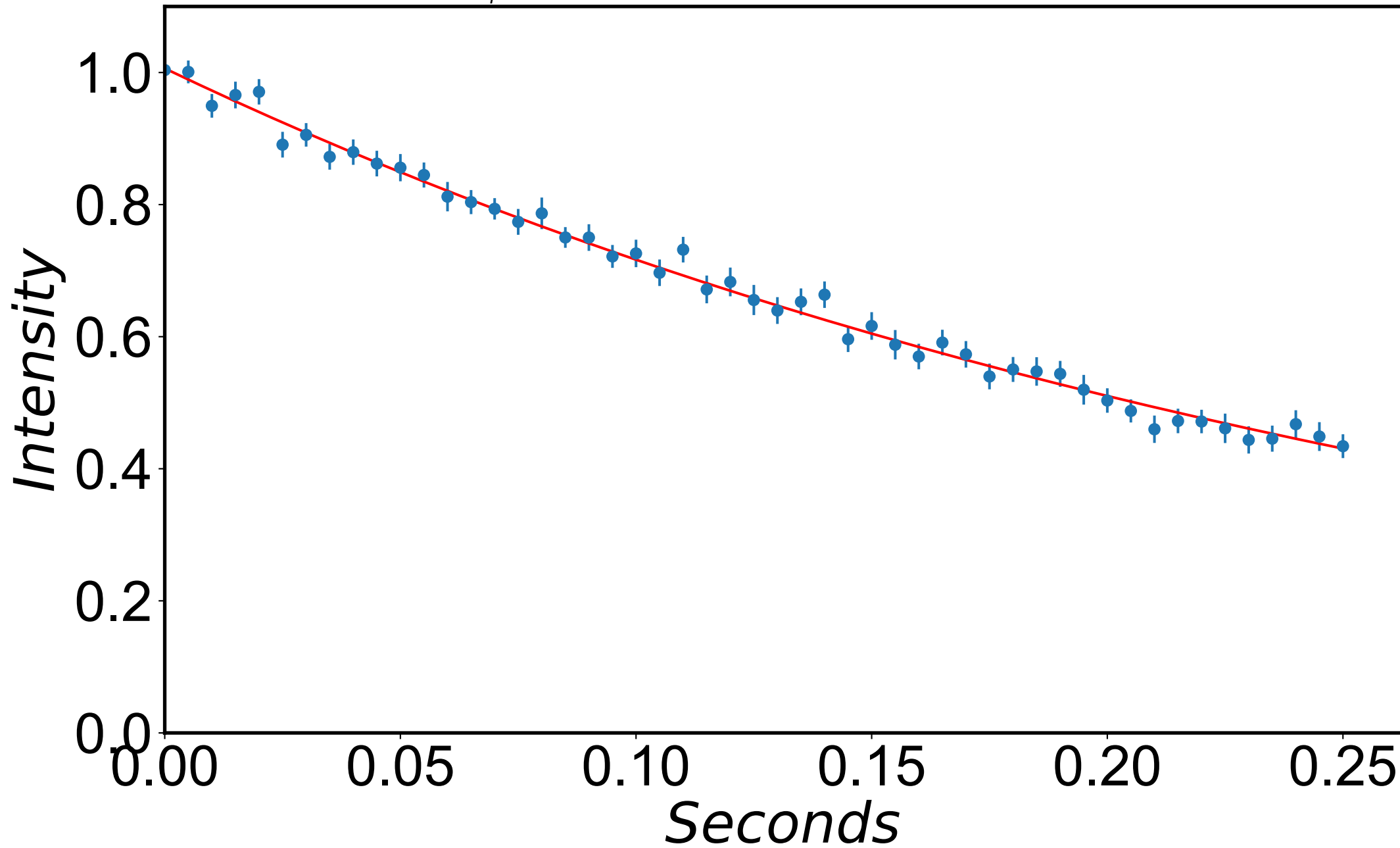
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 427 \text{ Hz}$$



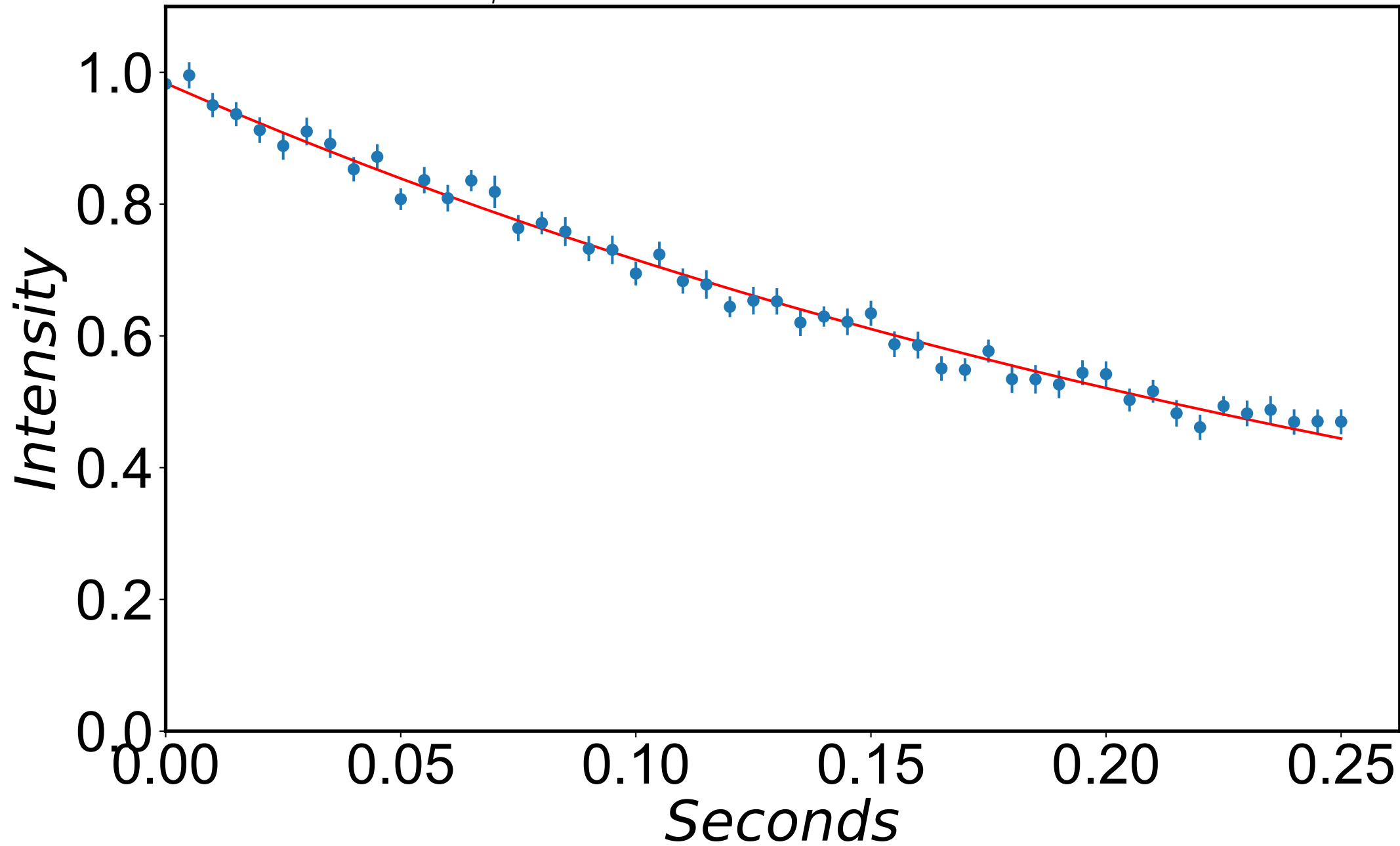
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 437 \text{ Hz}$$



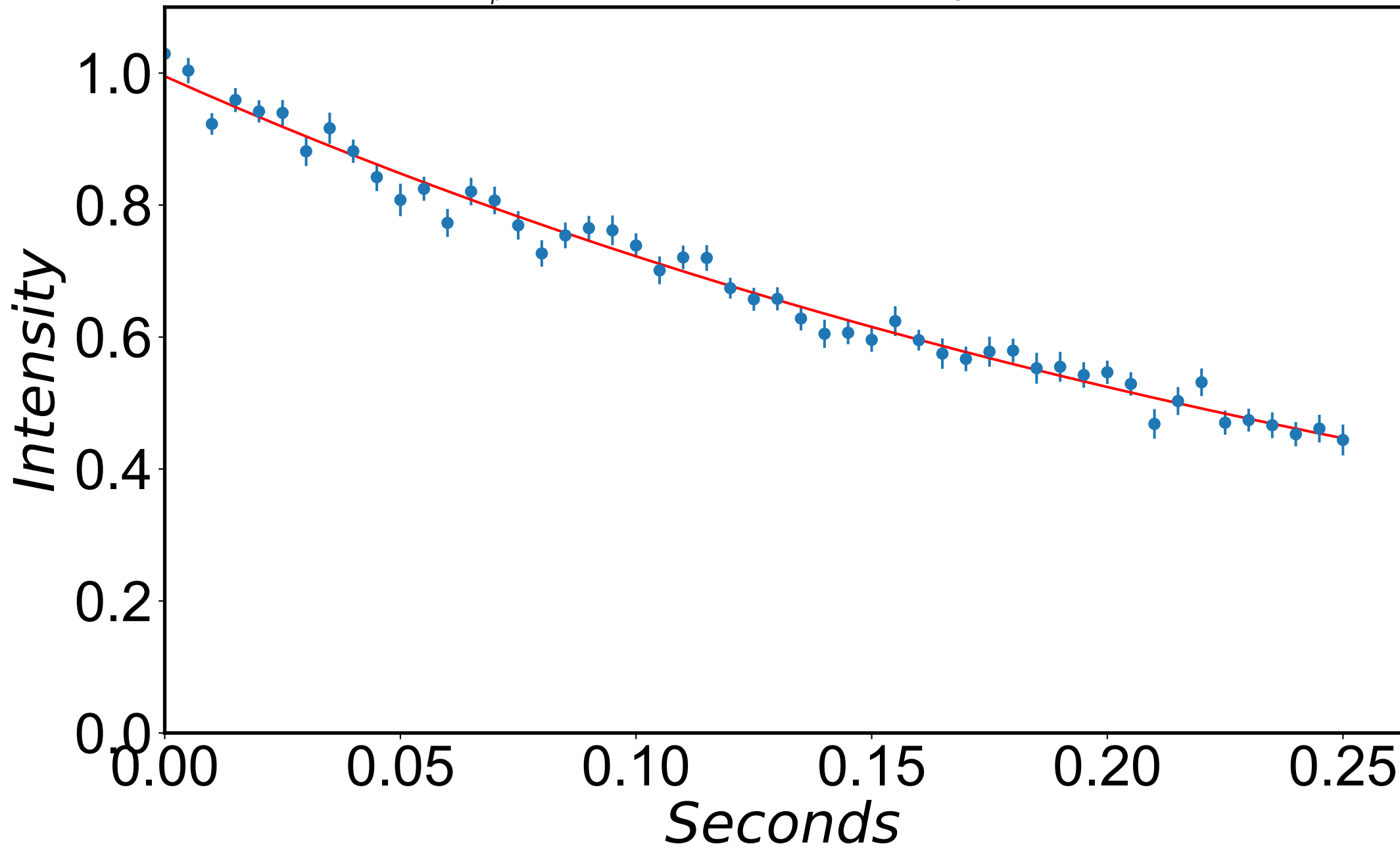
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 447 \text{ Hz}$$



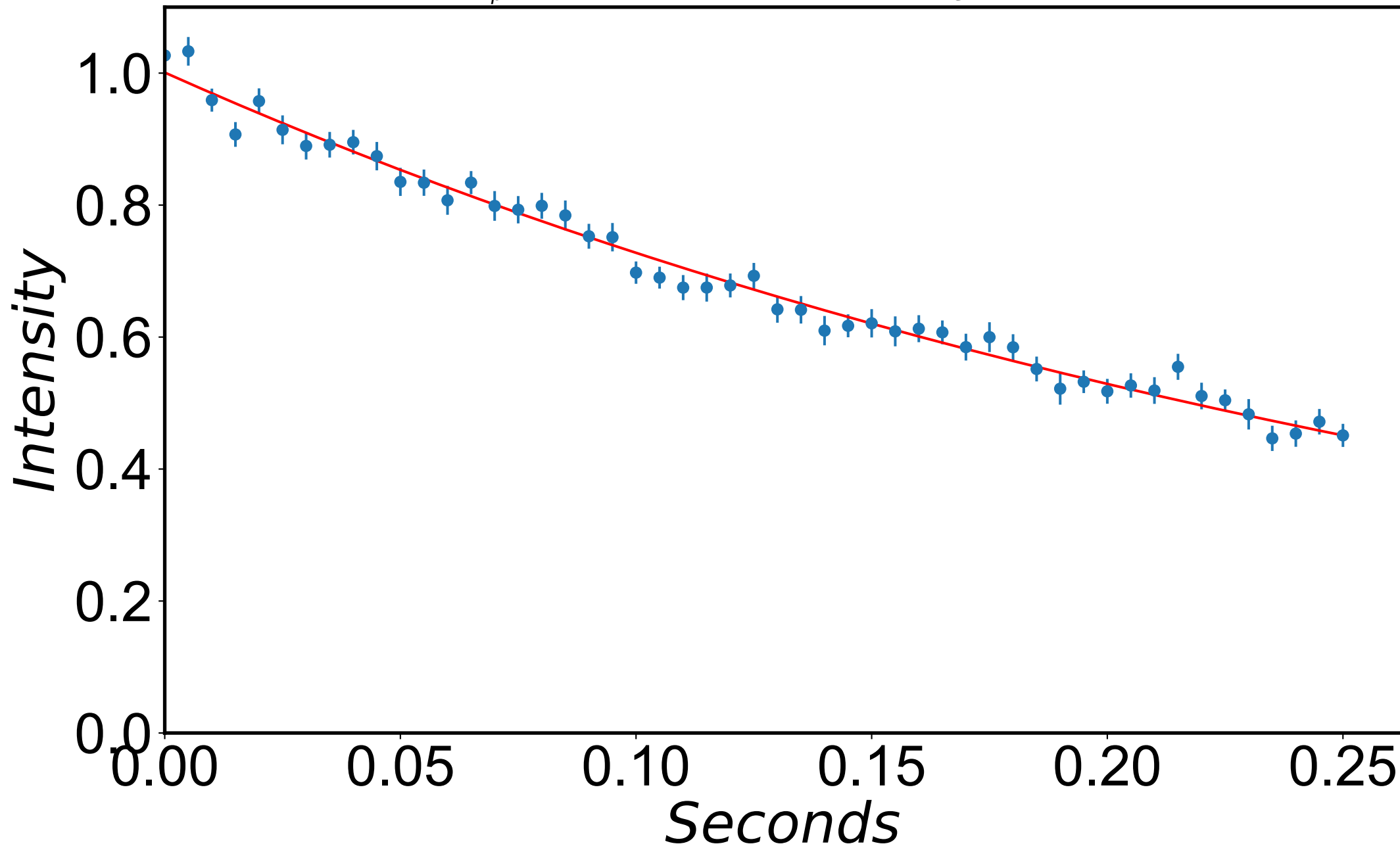
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 457 \text{ Hz}$$



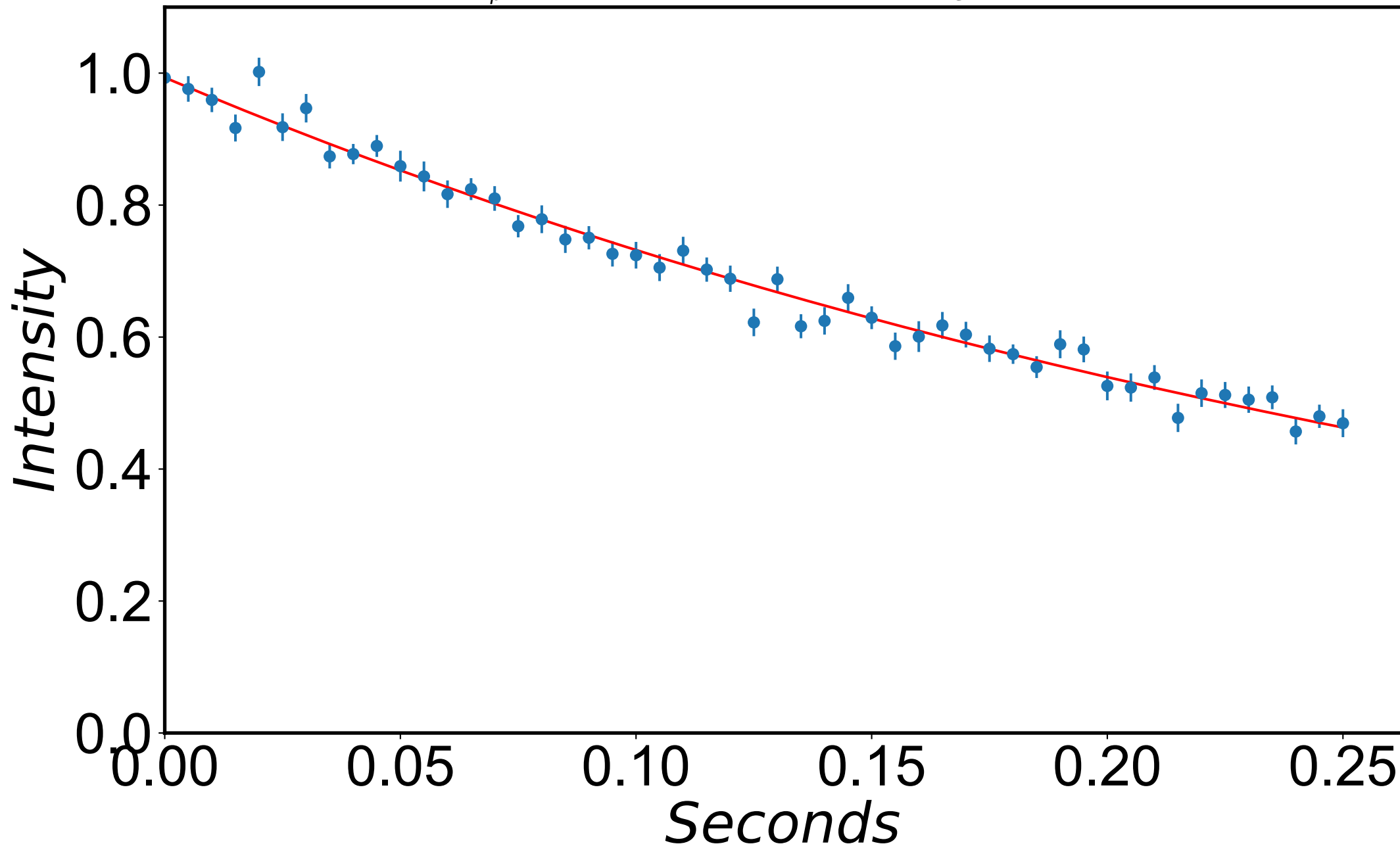
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 467 \text{ Hz}$$



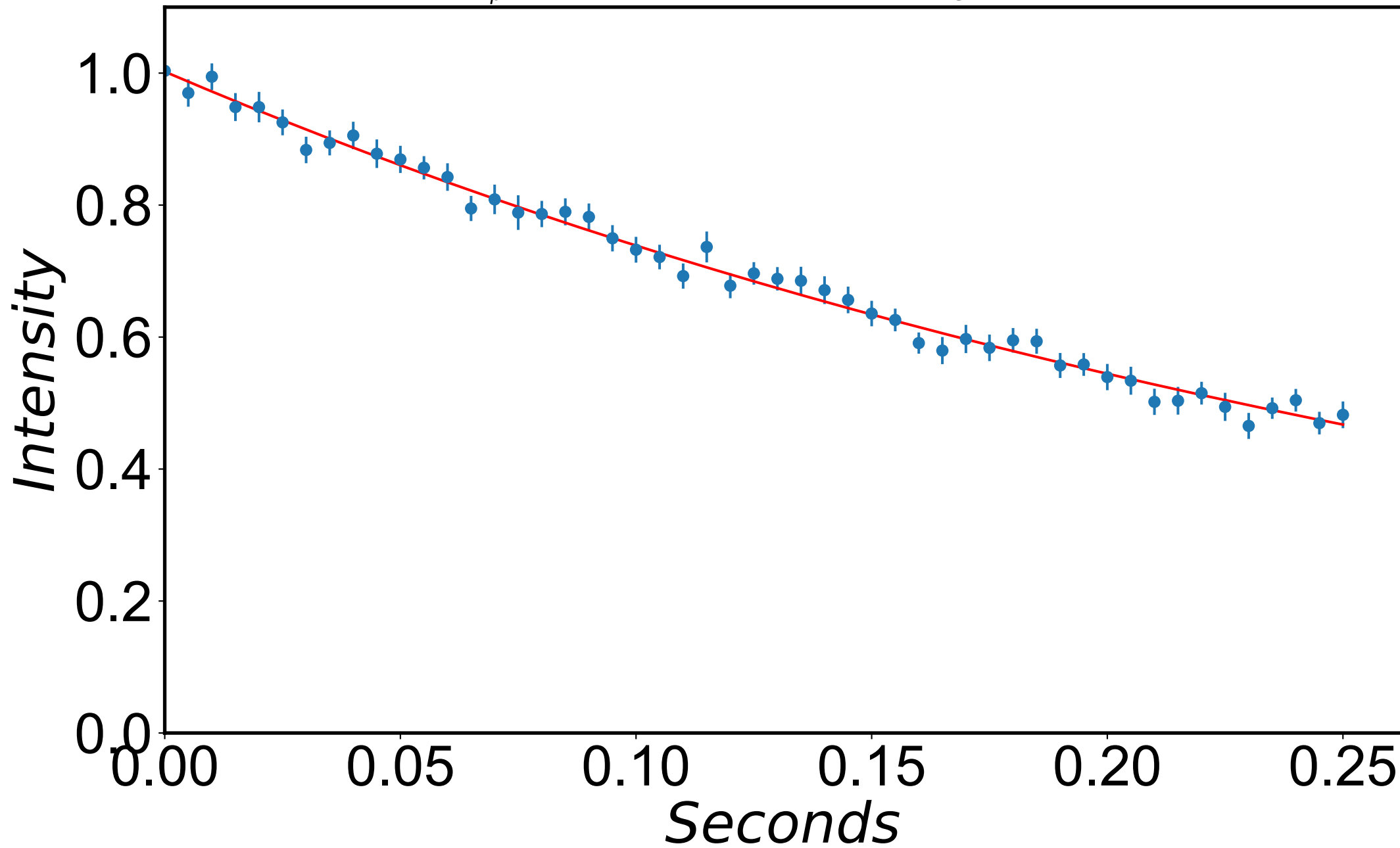
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 477 \text{ Hz}$$



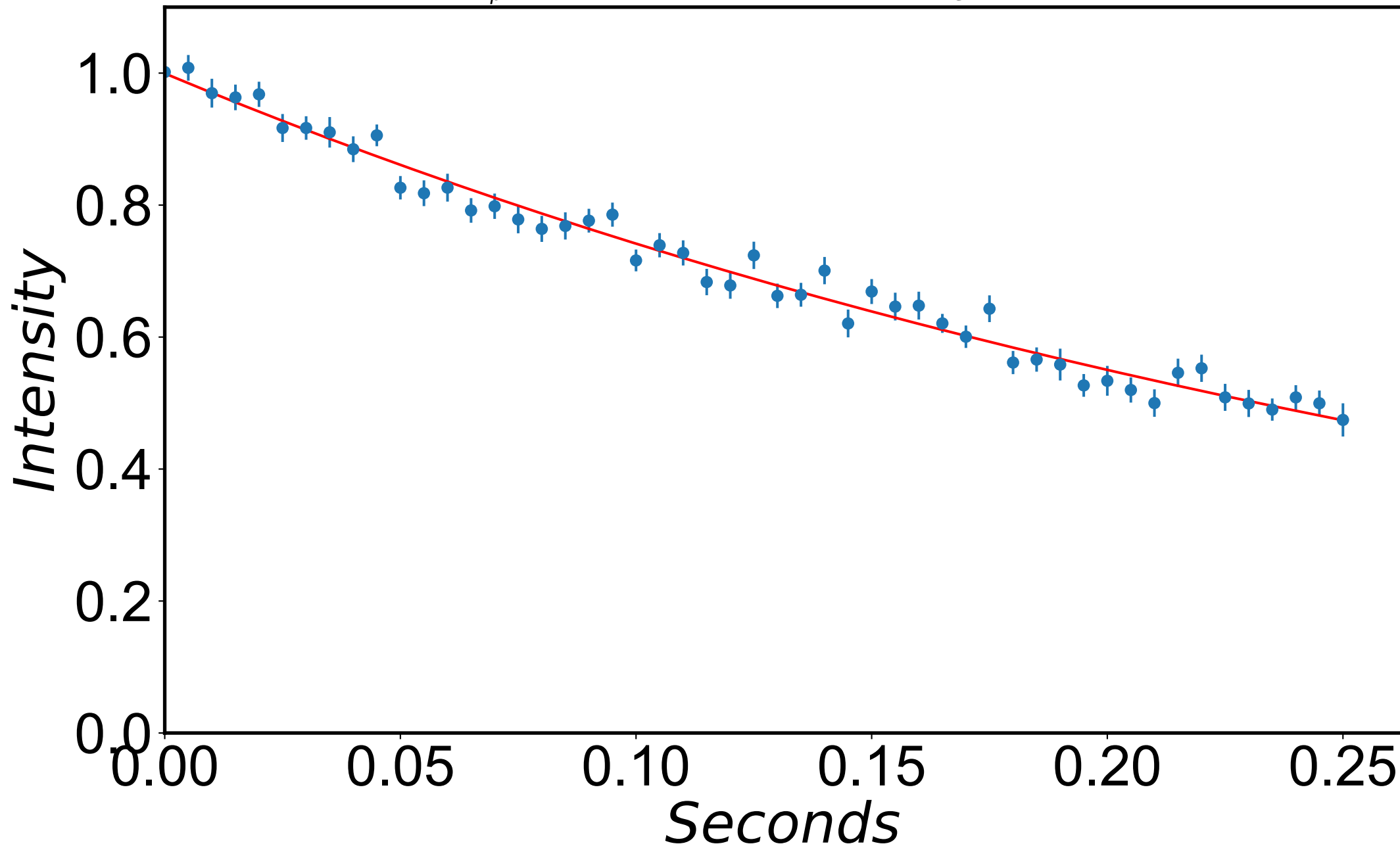
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 487 \text{ Hz}$$



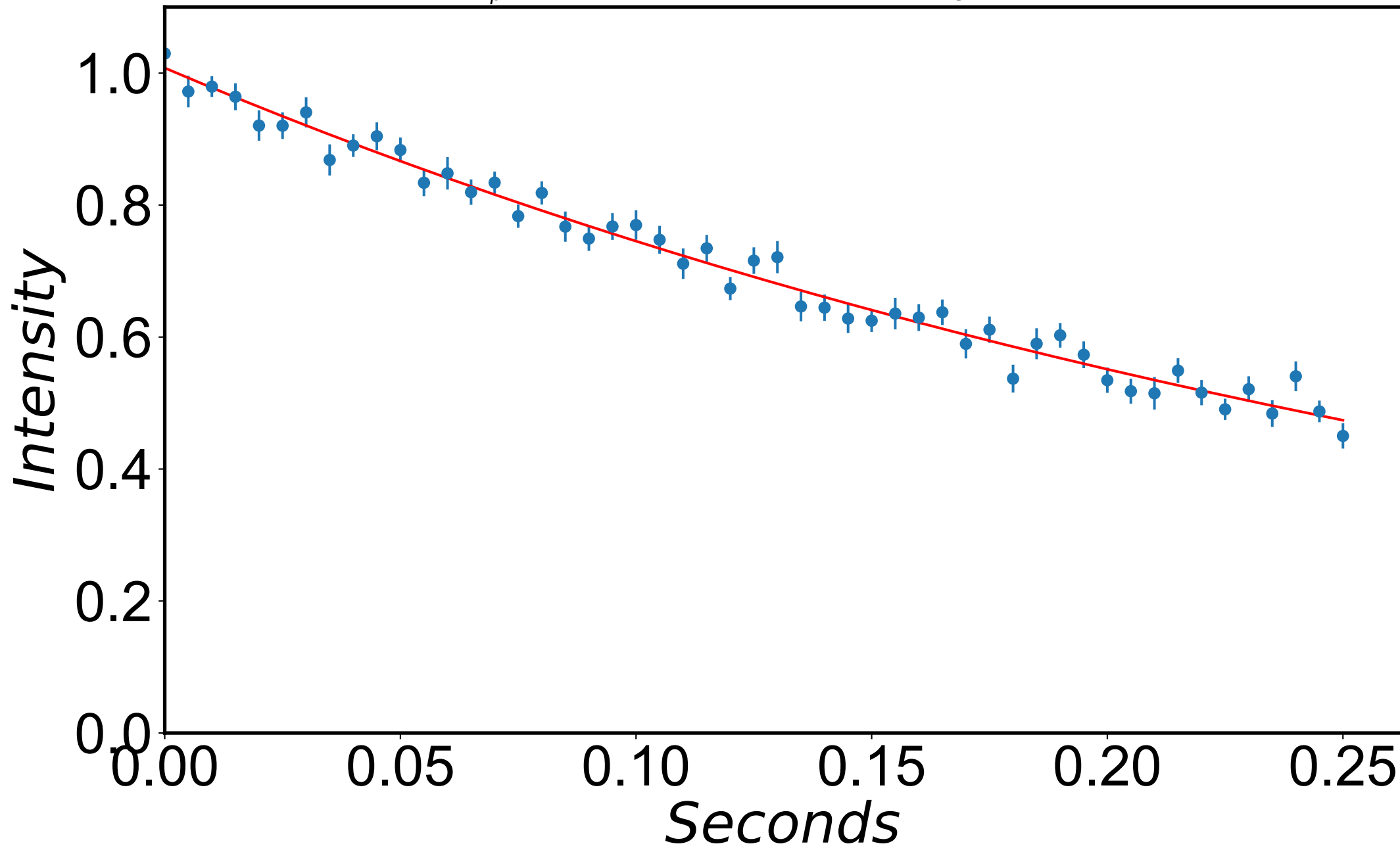
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 497 \text{ Hz}$$



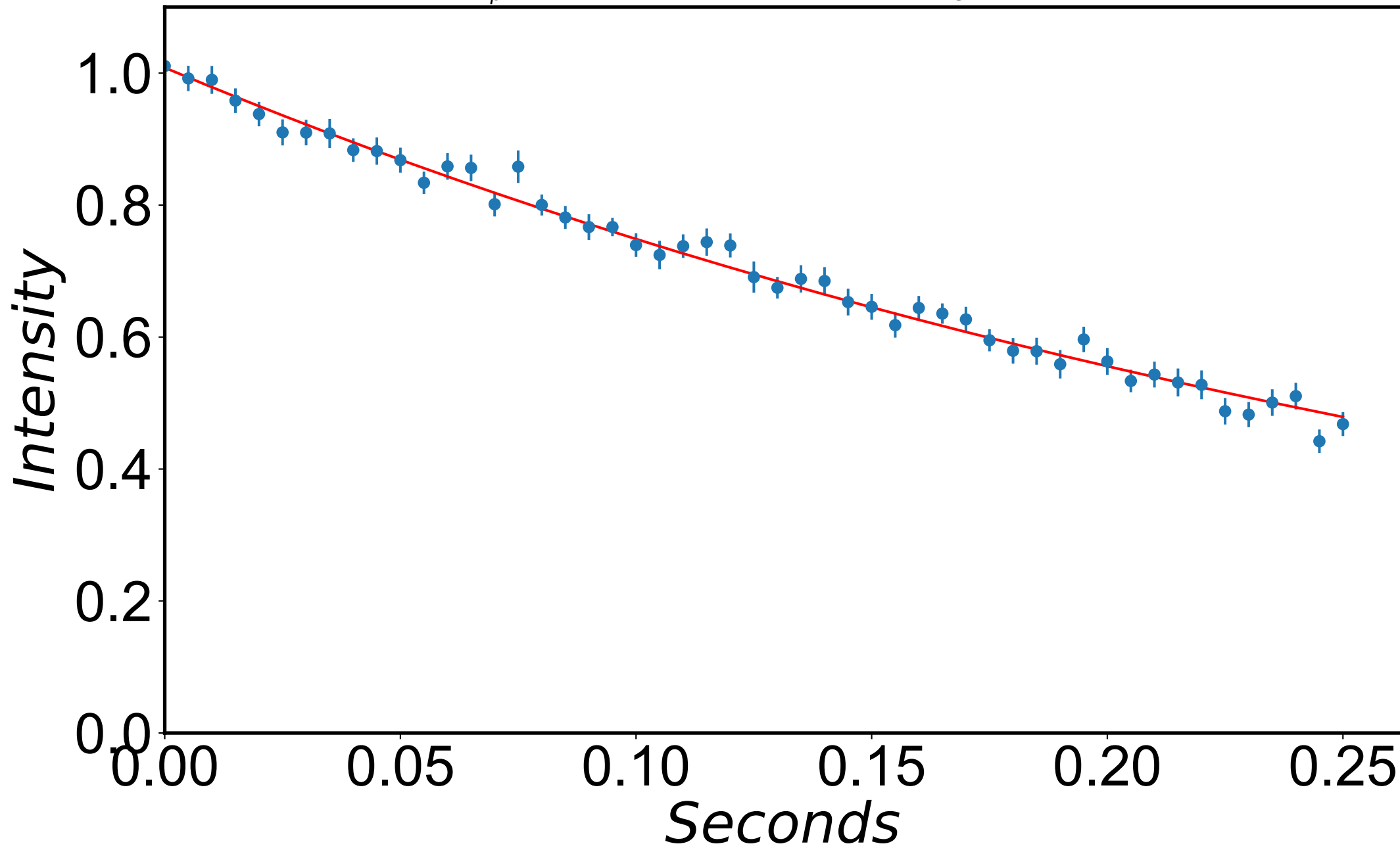
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 508 \text{ Hz}$$



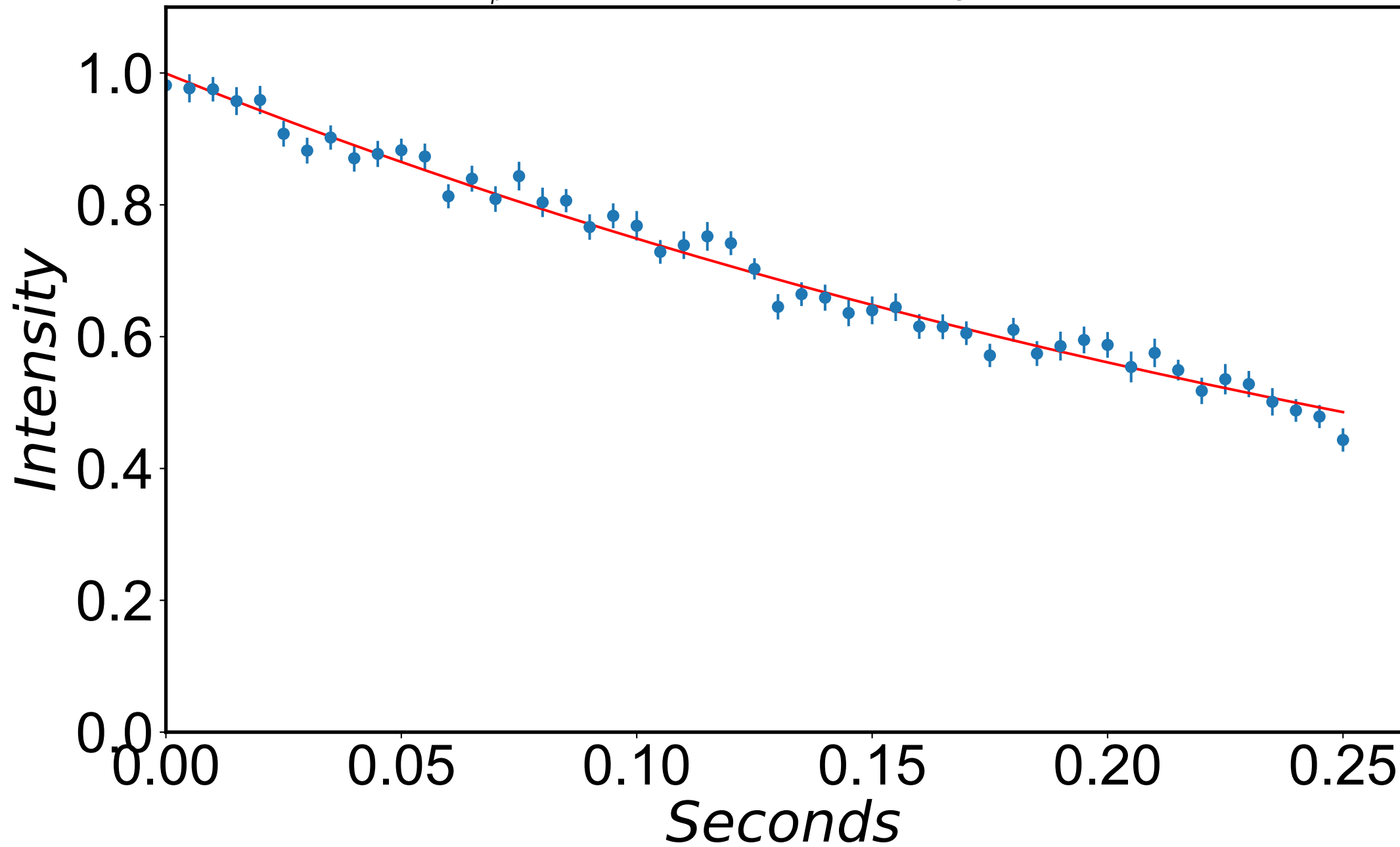
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 518 \text{ Hz}$$



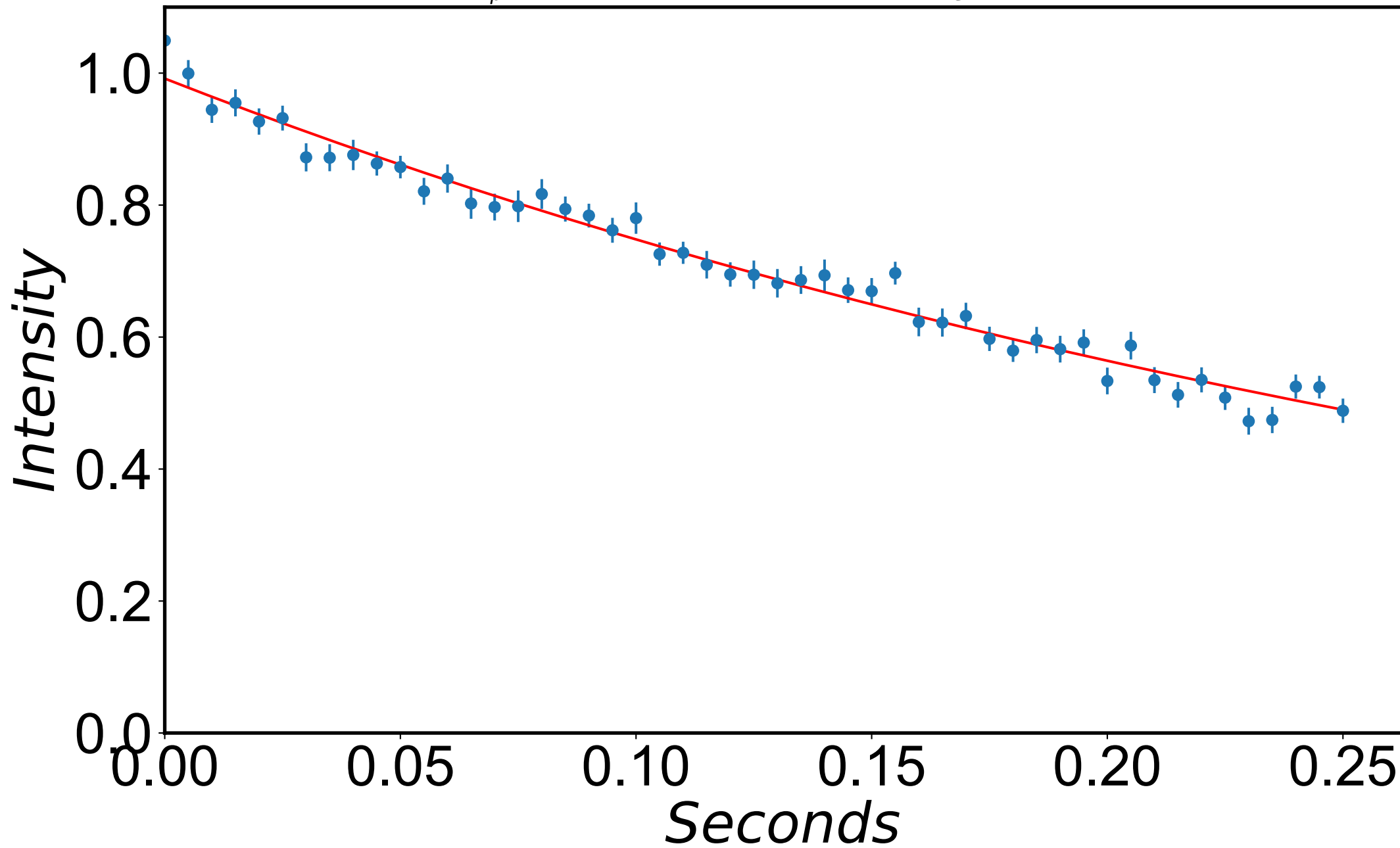
$$R_{1\rho} = 3.0 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 528 \text{ Hz}$$



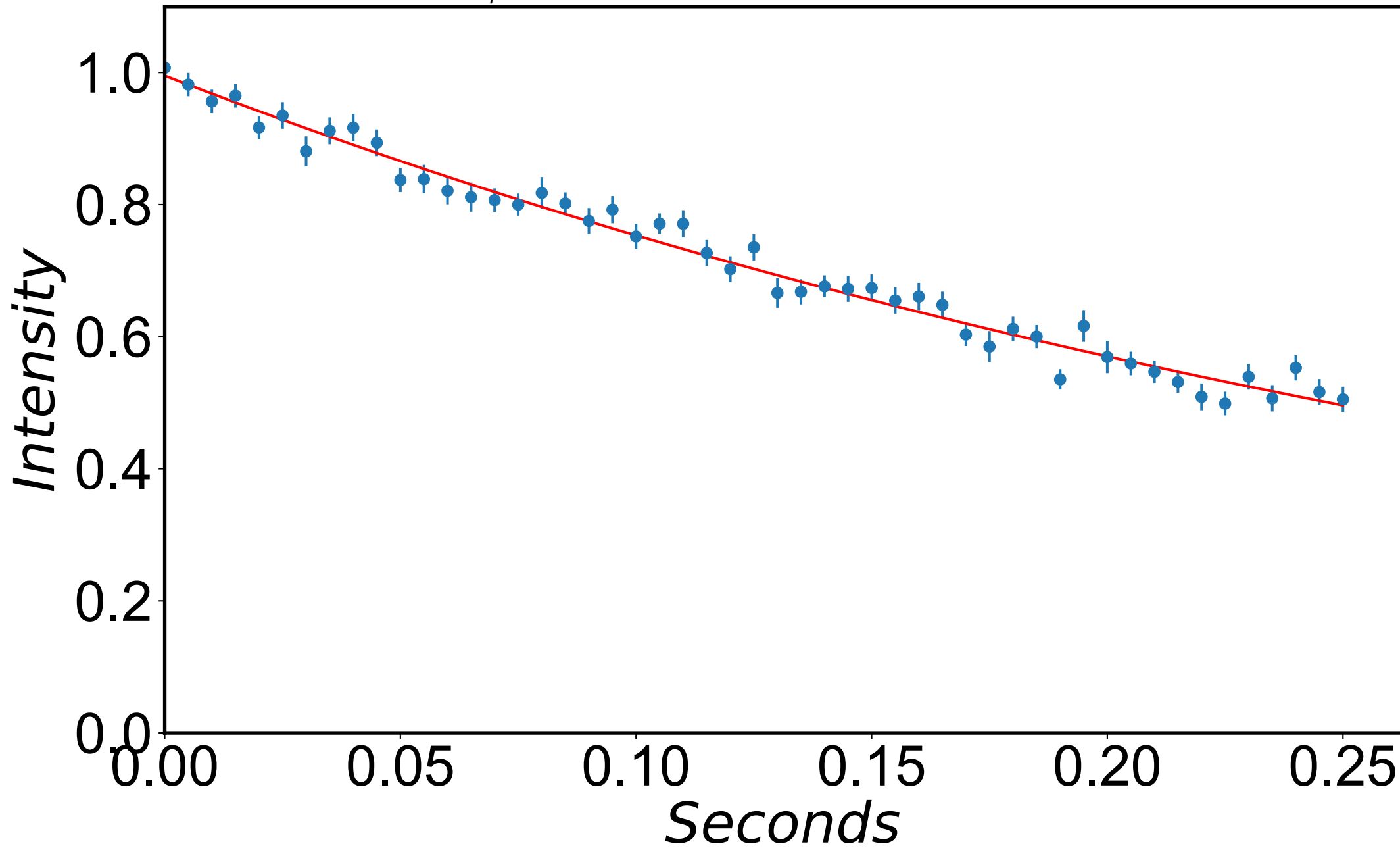
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 538 \text{ Hz}$$



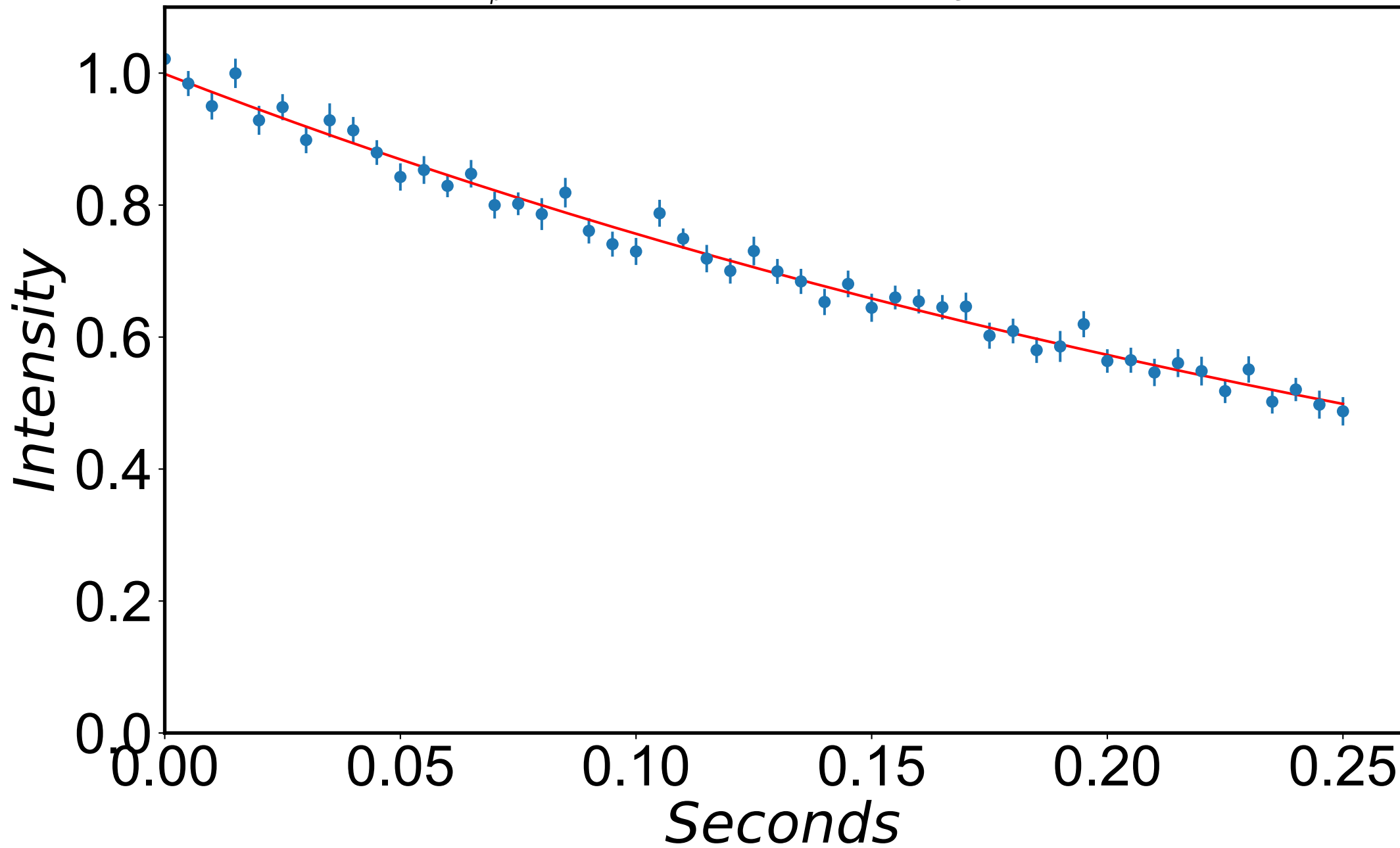
$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 548 \text{ Hz}$$



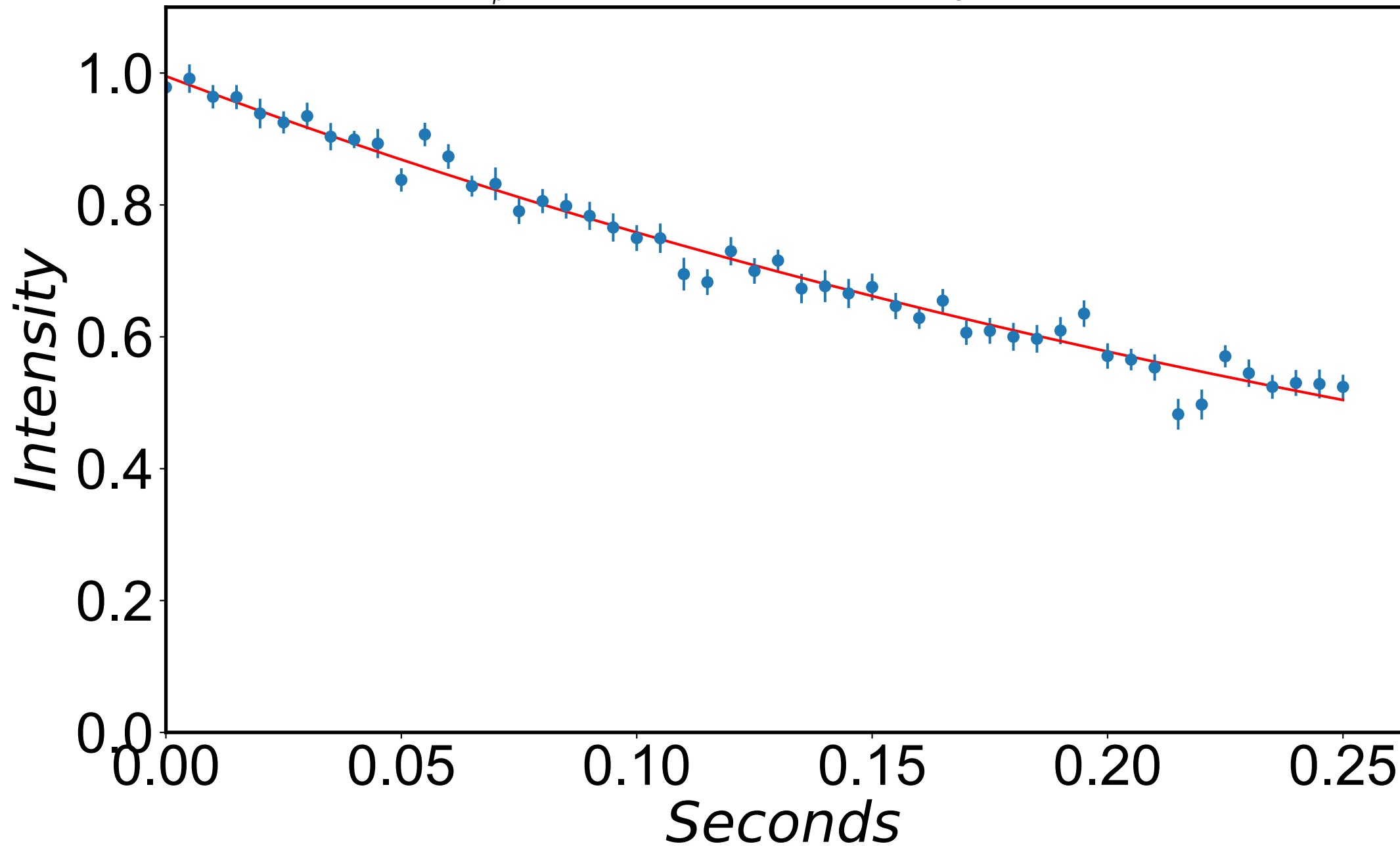
$$R_{1\rho} = 2.8 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 558 \text{ Hz}$$



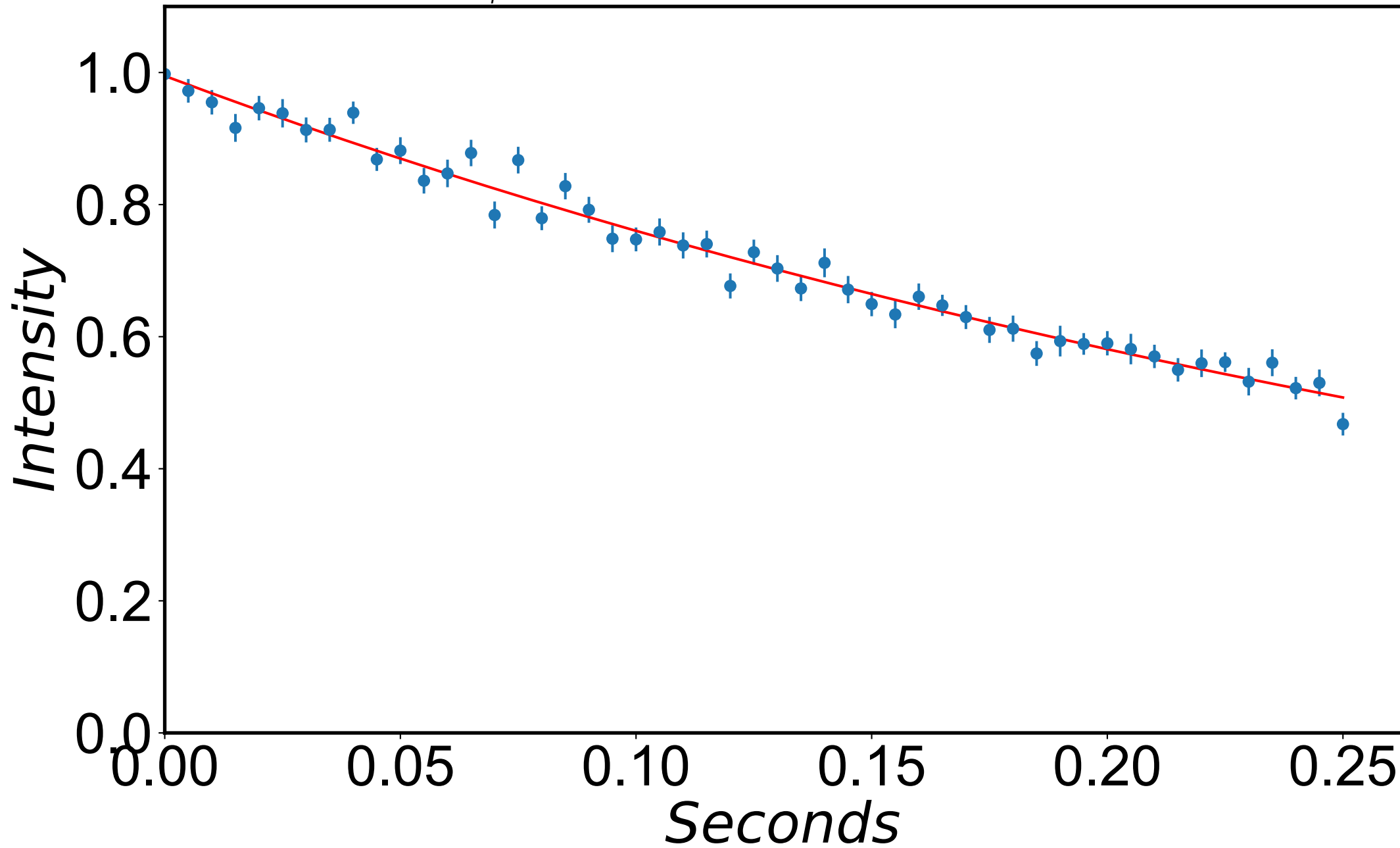
$$R_{1\rho} = 2.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 568 \text{ Hz}$$



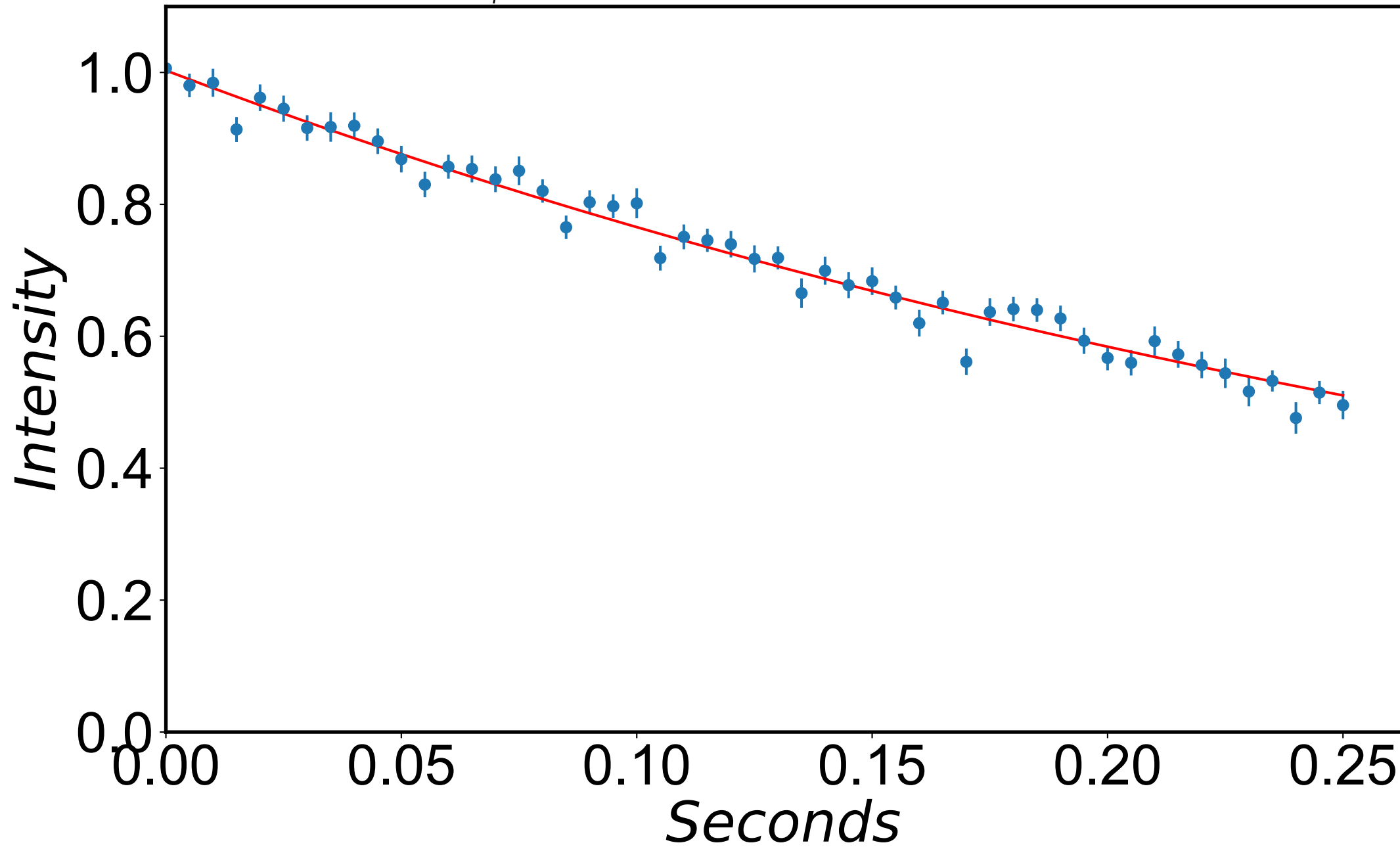
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 578 \text{ Hz}$$



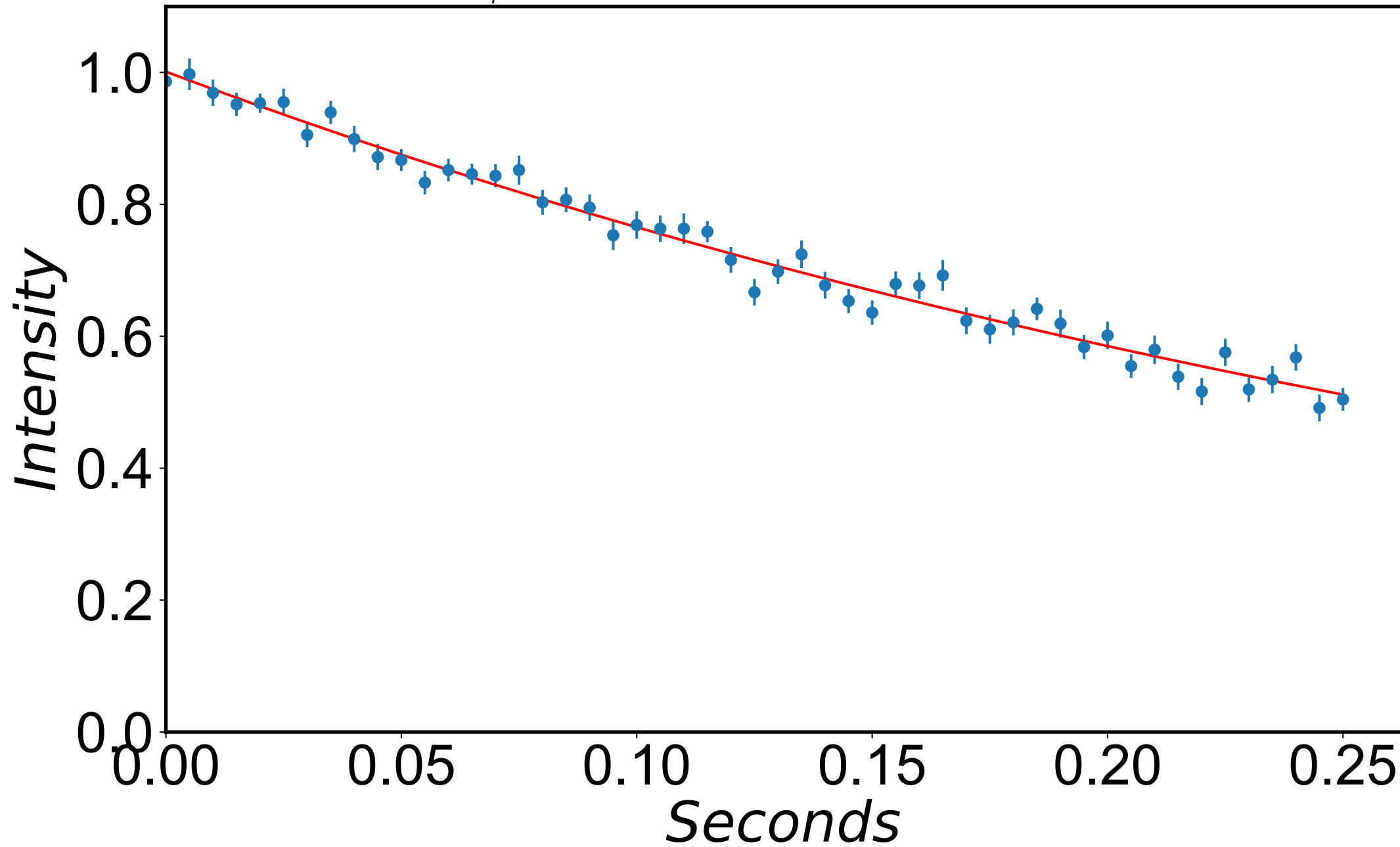
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 588 \text{ Hz}$$



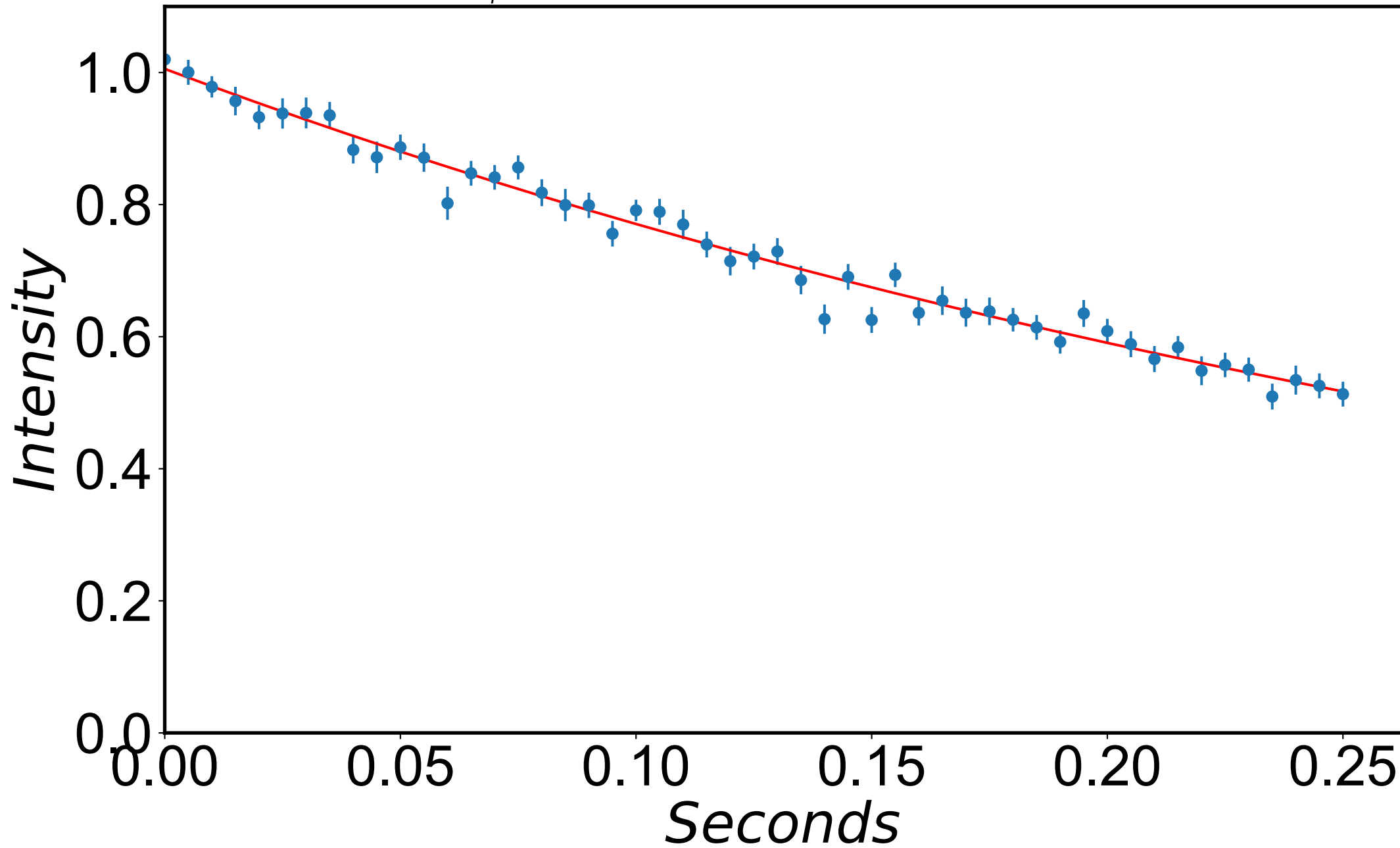
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 598 \text{ Hz}$$



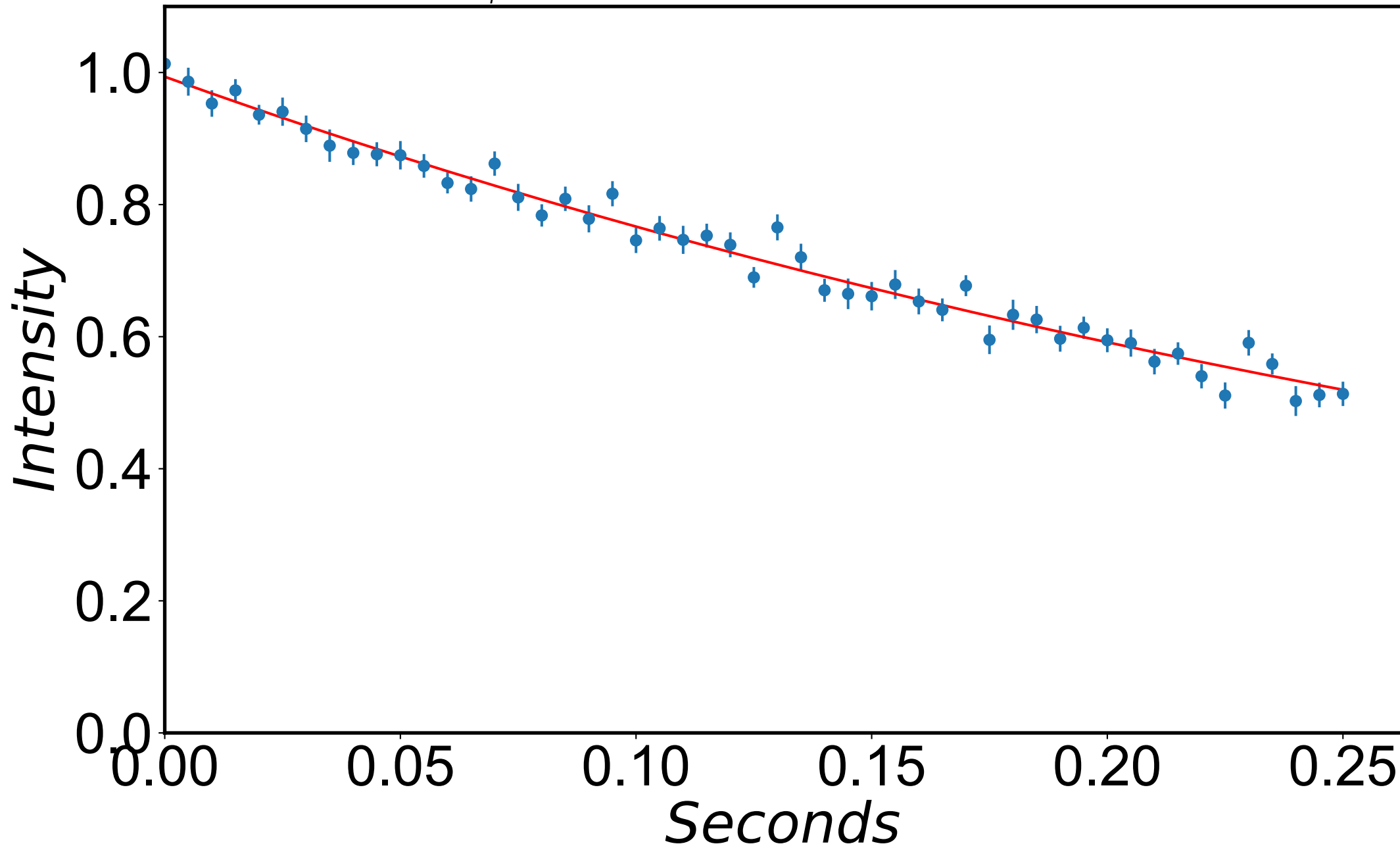
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 608 \text{ Hz}$$



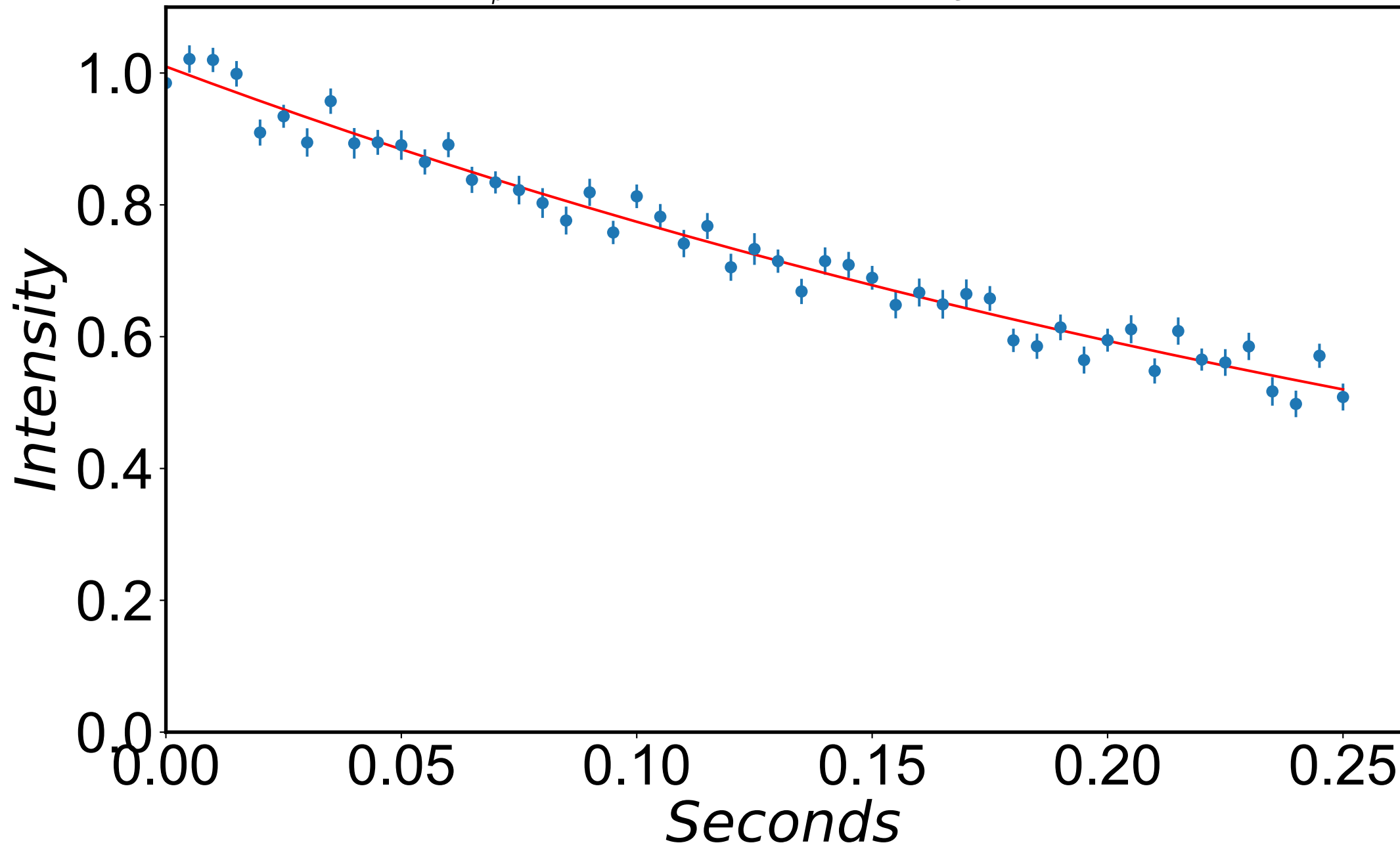
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 618 \text{ Hz}$$



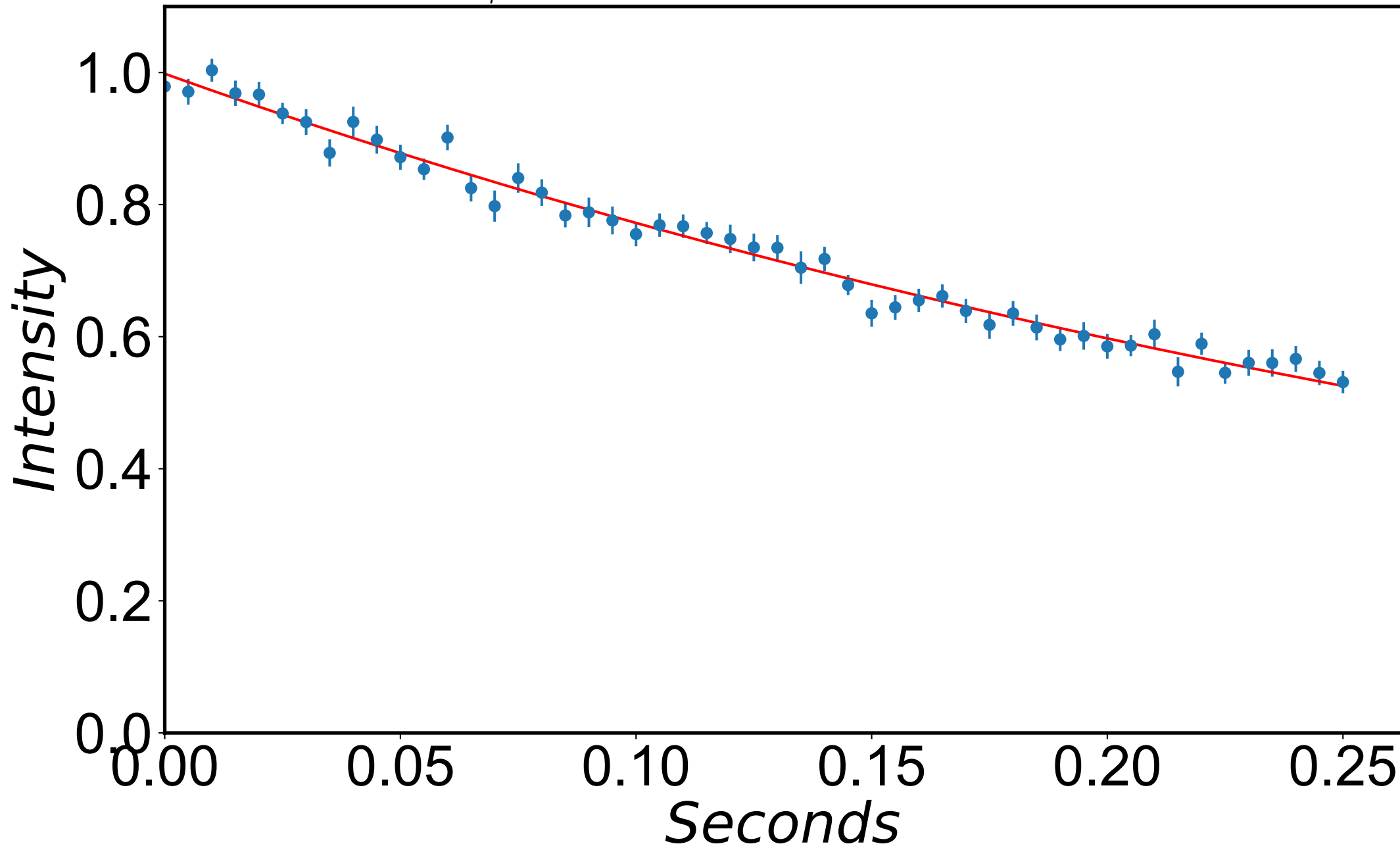
$$R_{1\rho} = 2.6 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 628 \text{ Hz}$$



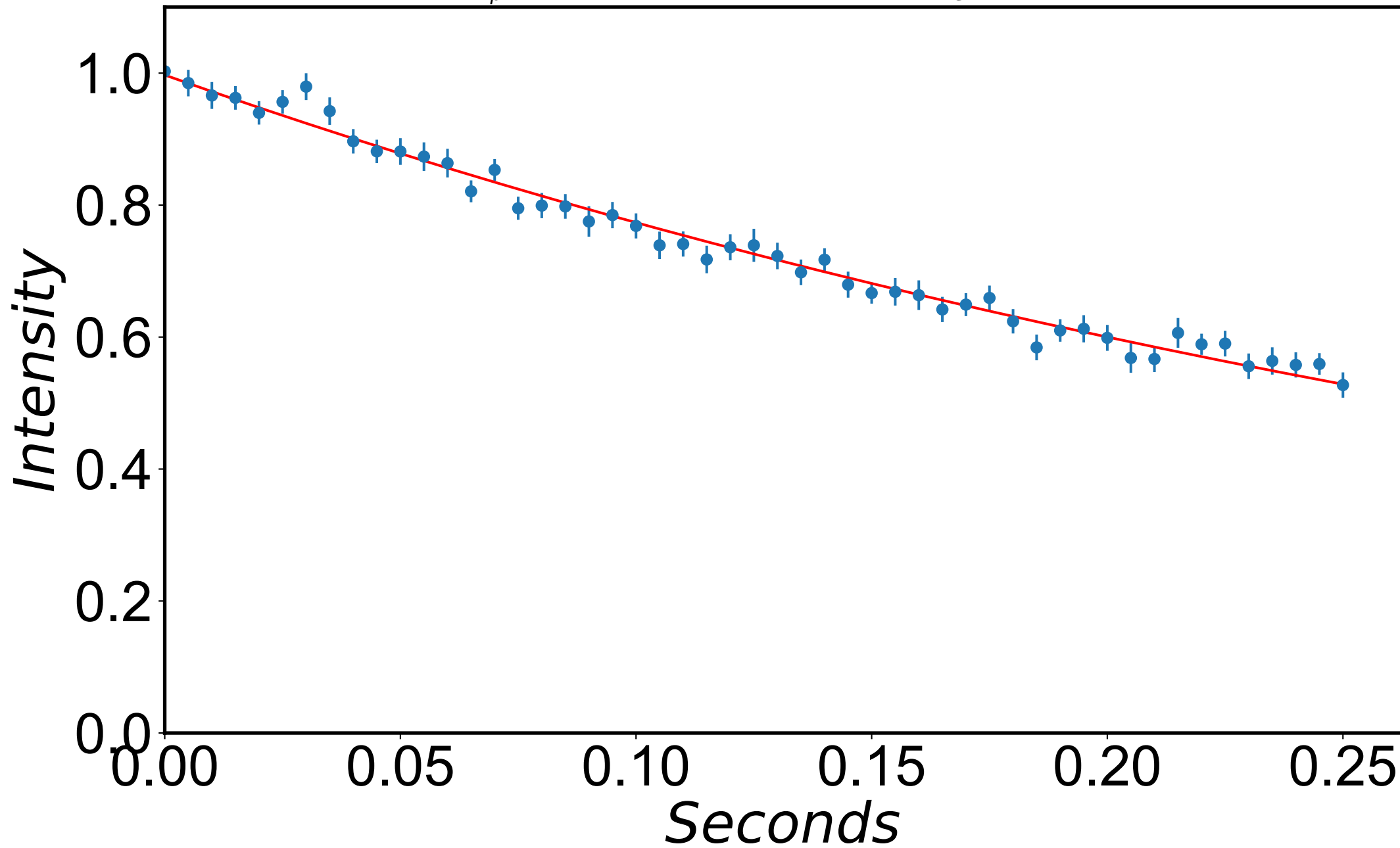
$$R_{1\rho} = 2.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 638 \text{ Hz}$$



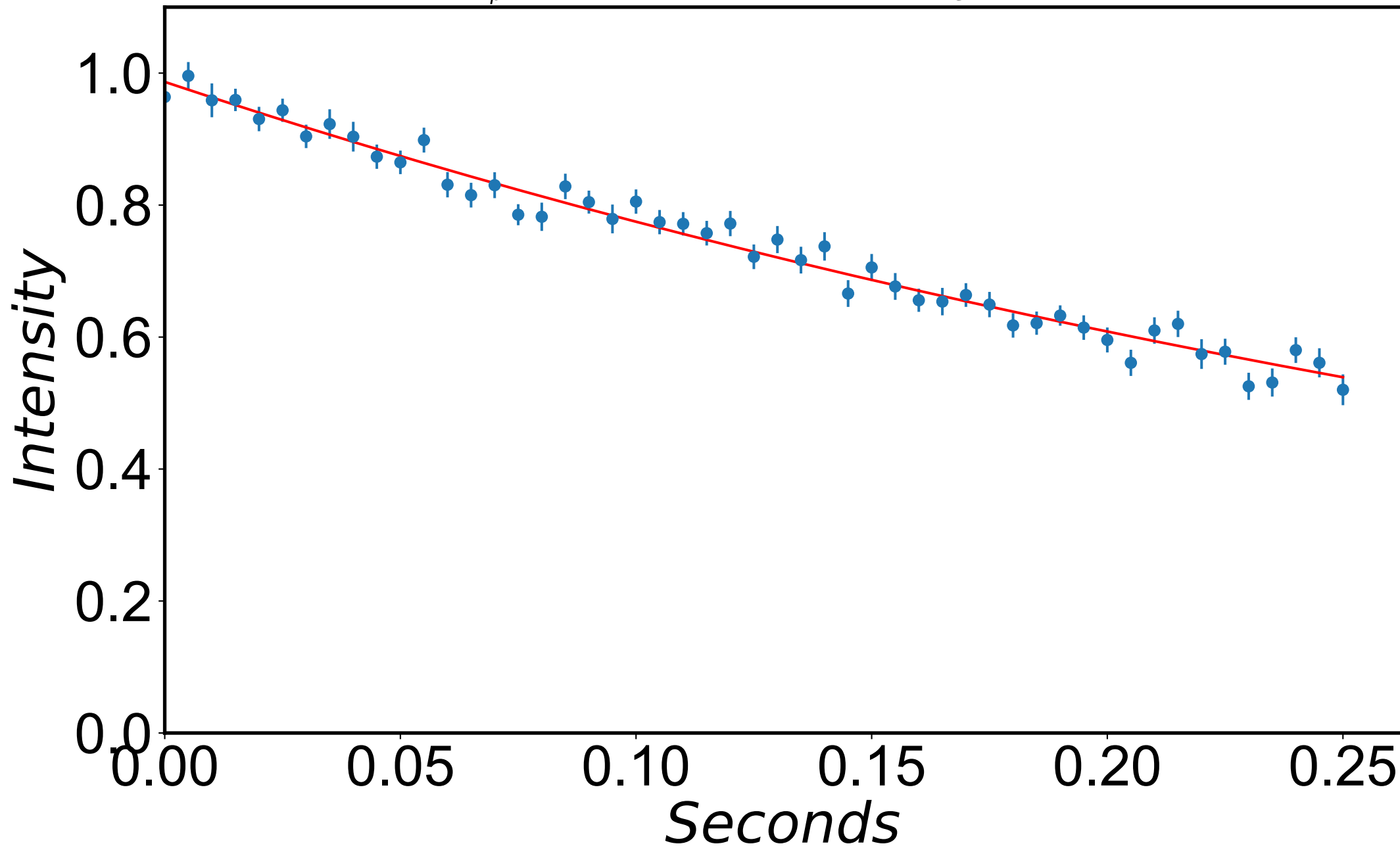
$$R_{1\rho} = 2.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 648 \text{ Hz}$$



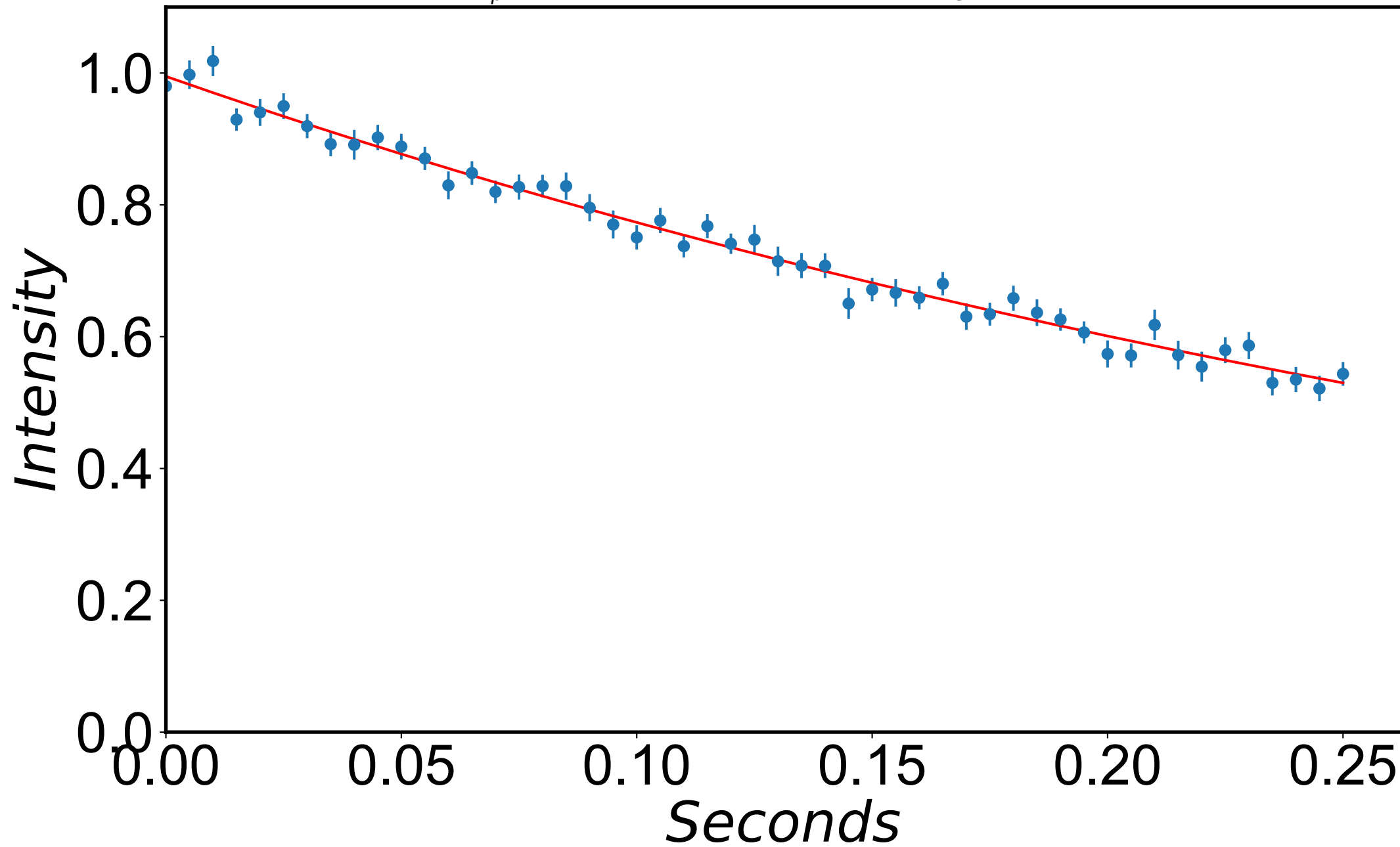
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 658 \text{ Hz}$$



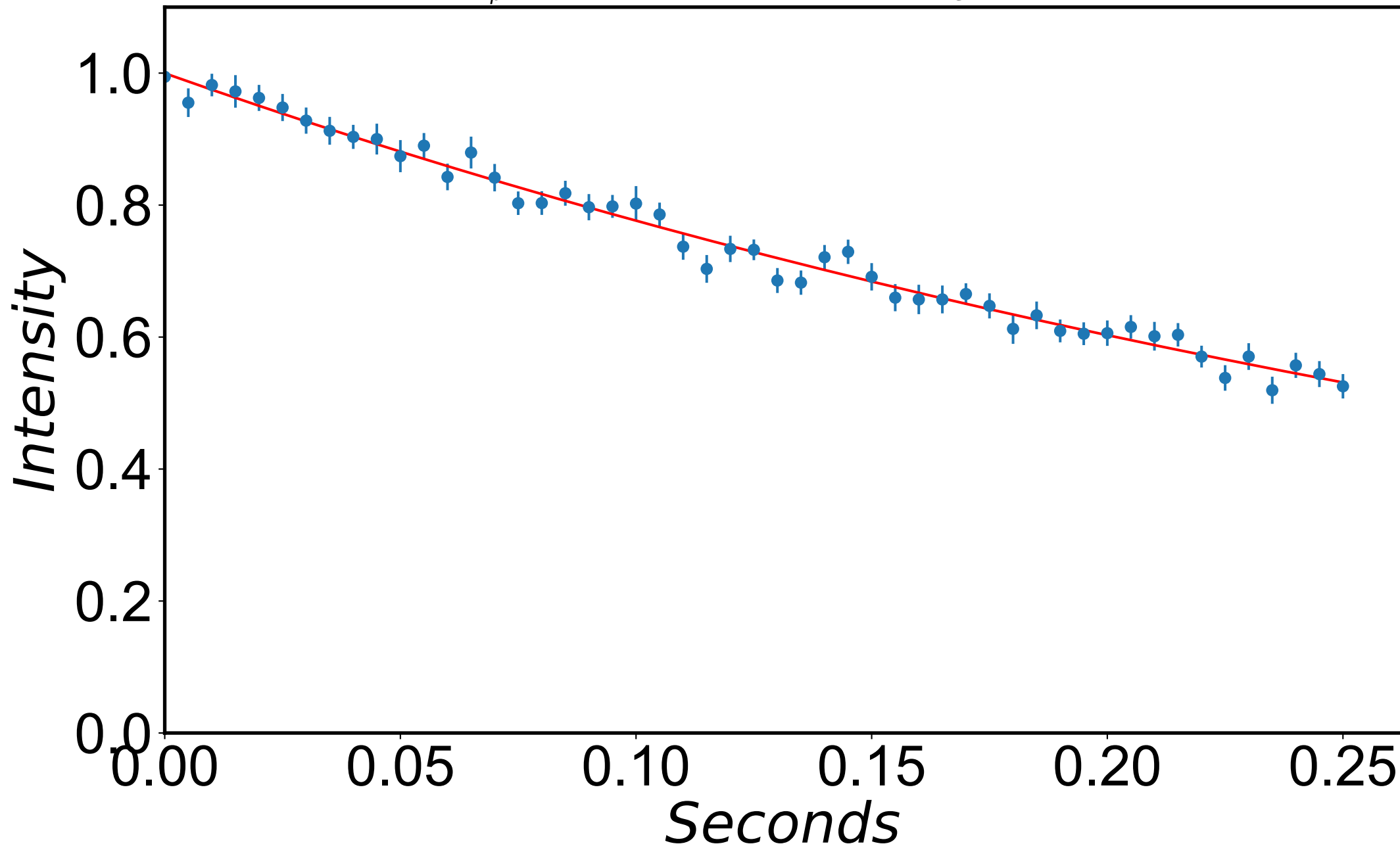
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 668 \text{ Hz}$$



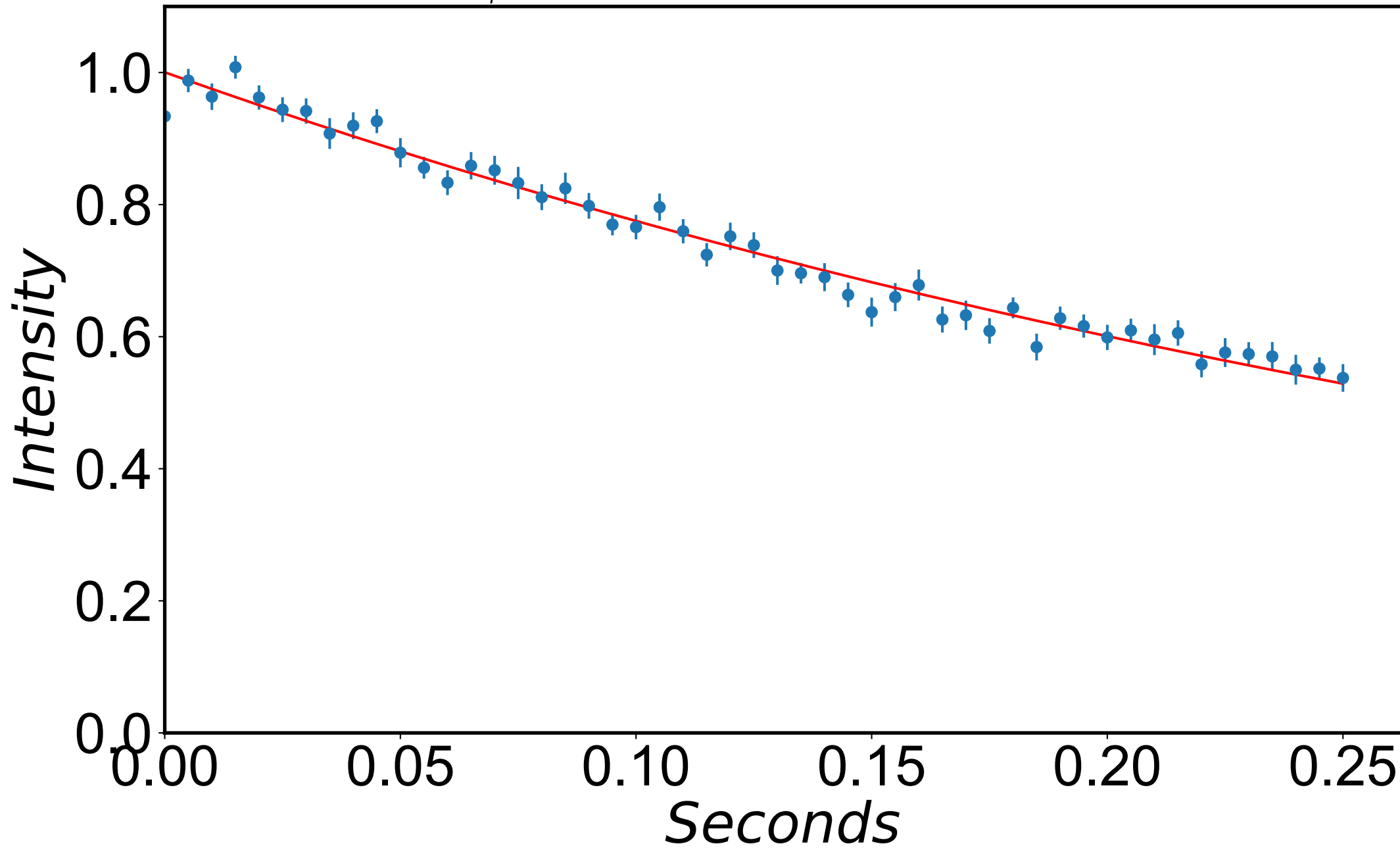
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 678 \text{ Hz}$$



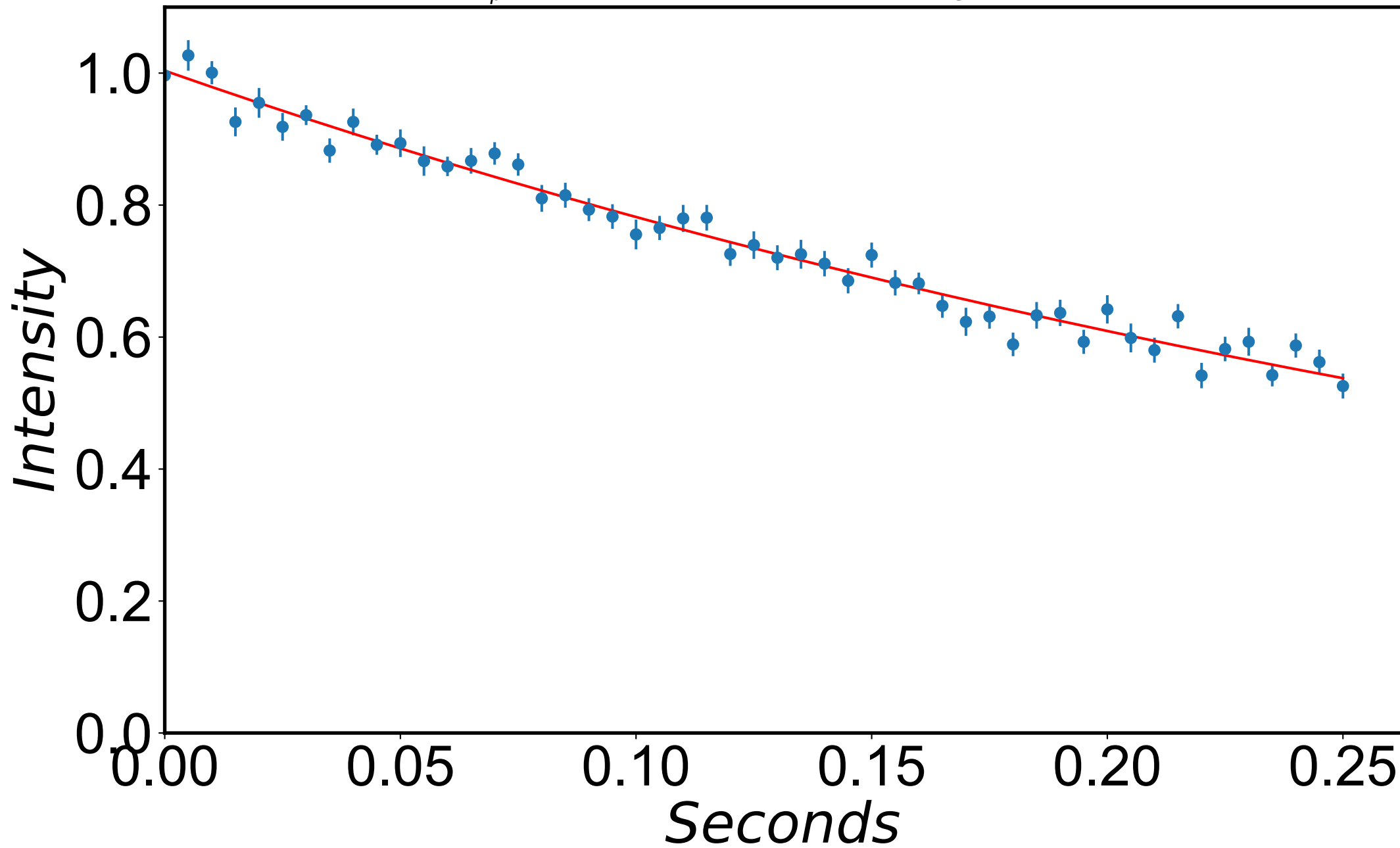
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 688 \text{ Hz}$$



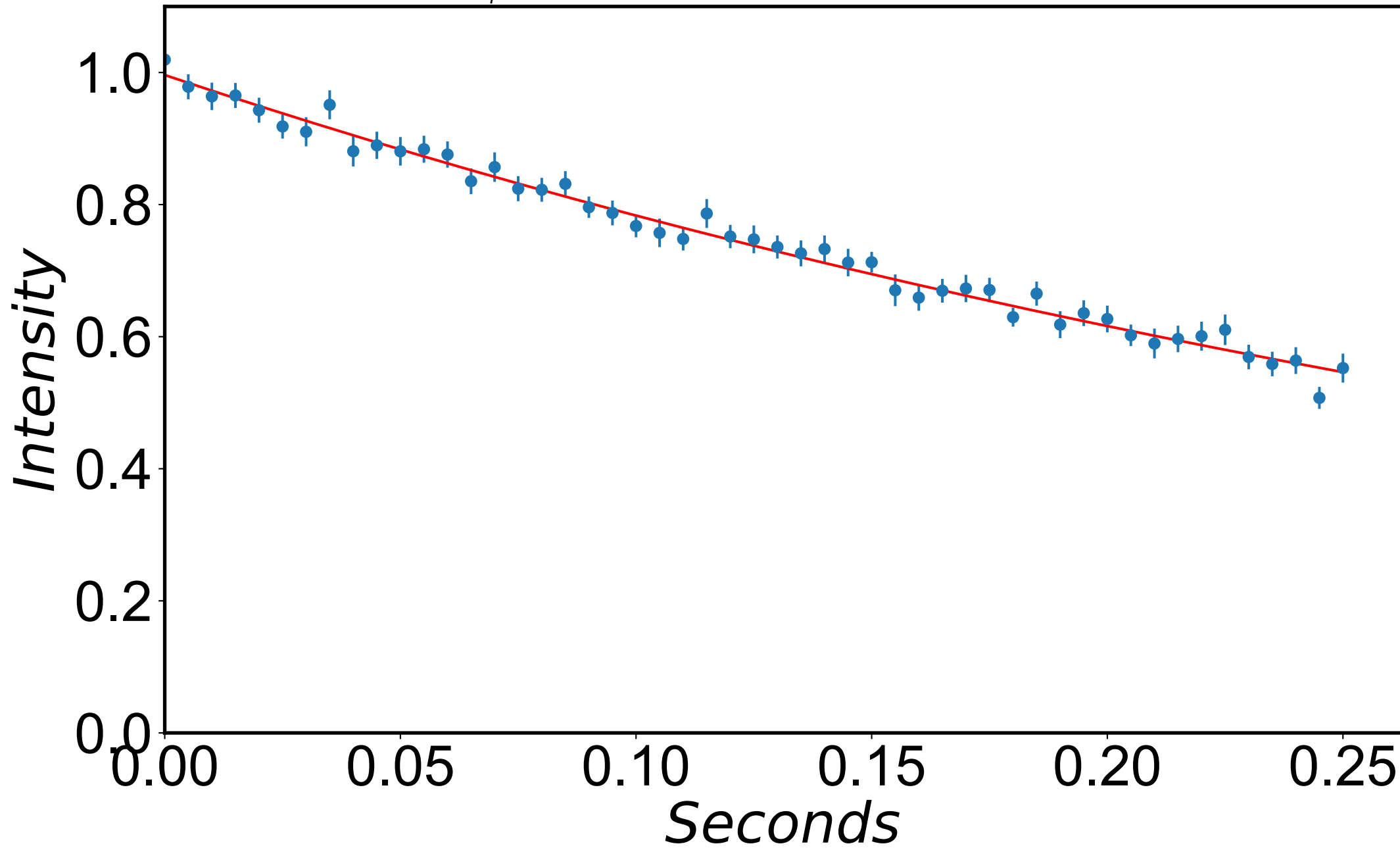
$$R_{1\rho} = 2.5 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 698 \text{ Hz}$$



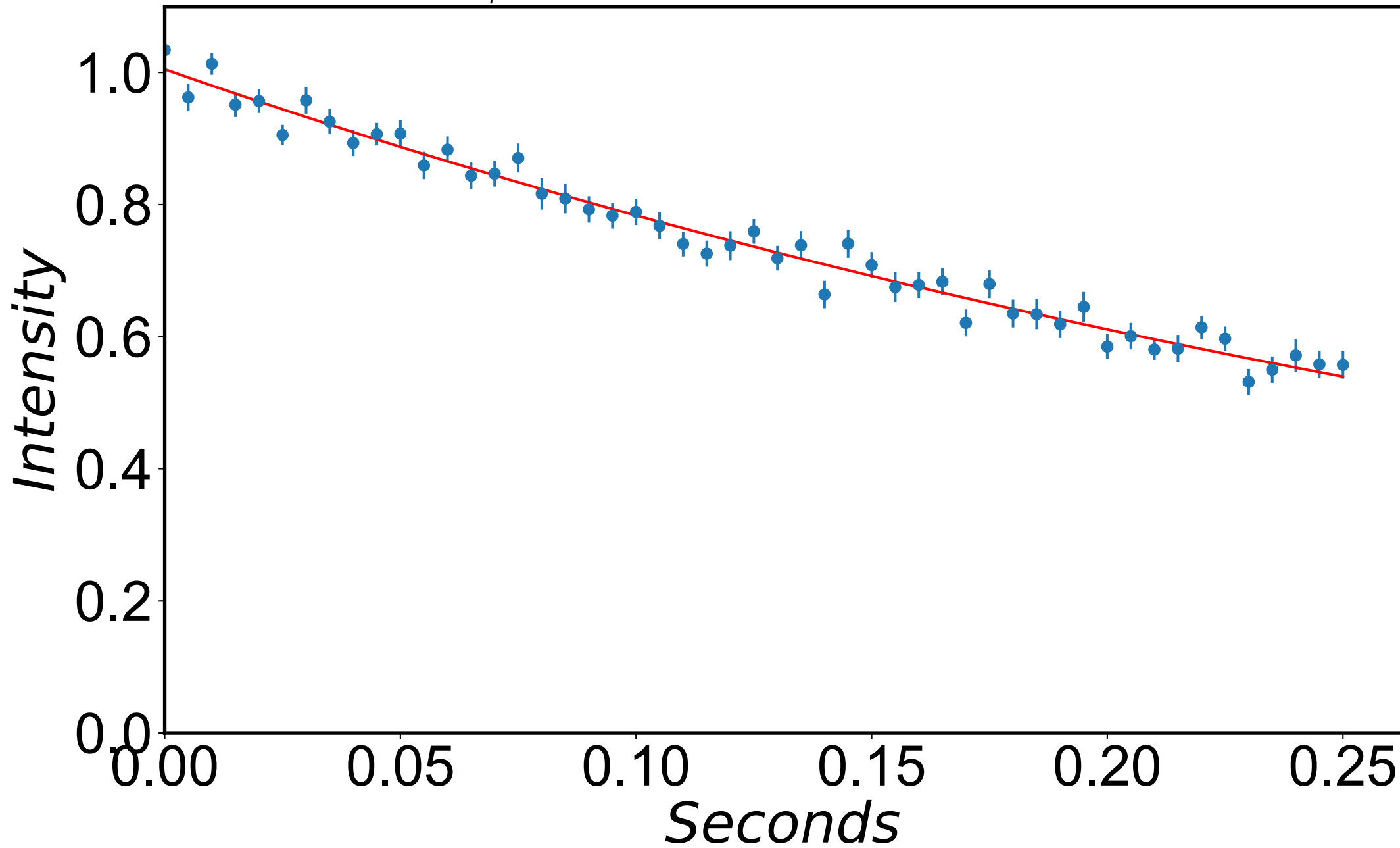
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 709 \text{ Hz}$$



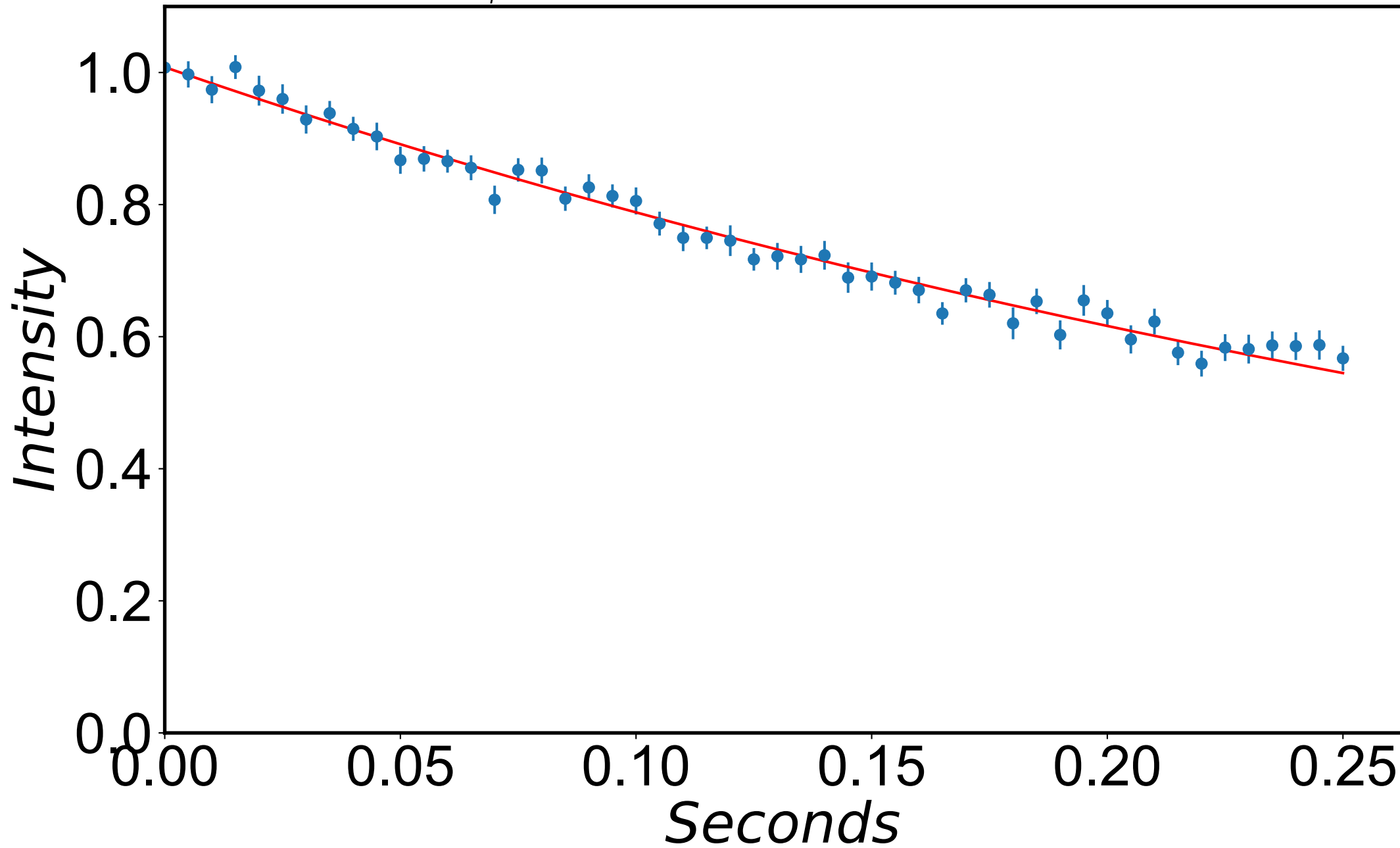
$$R_{1\rho} = 2.4 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 719 \text{ Hz}$$



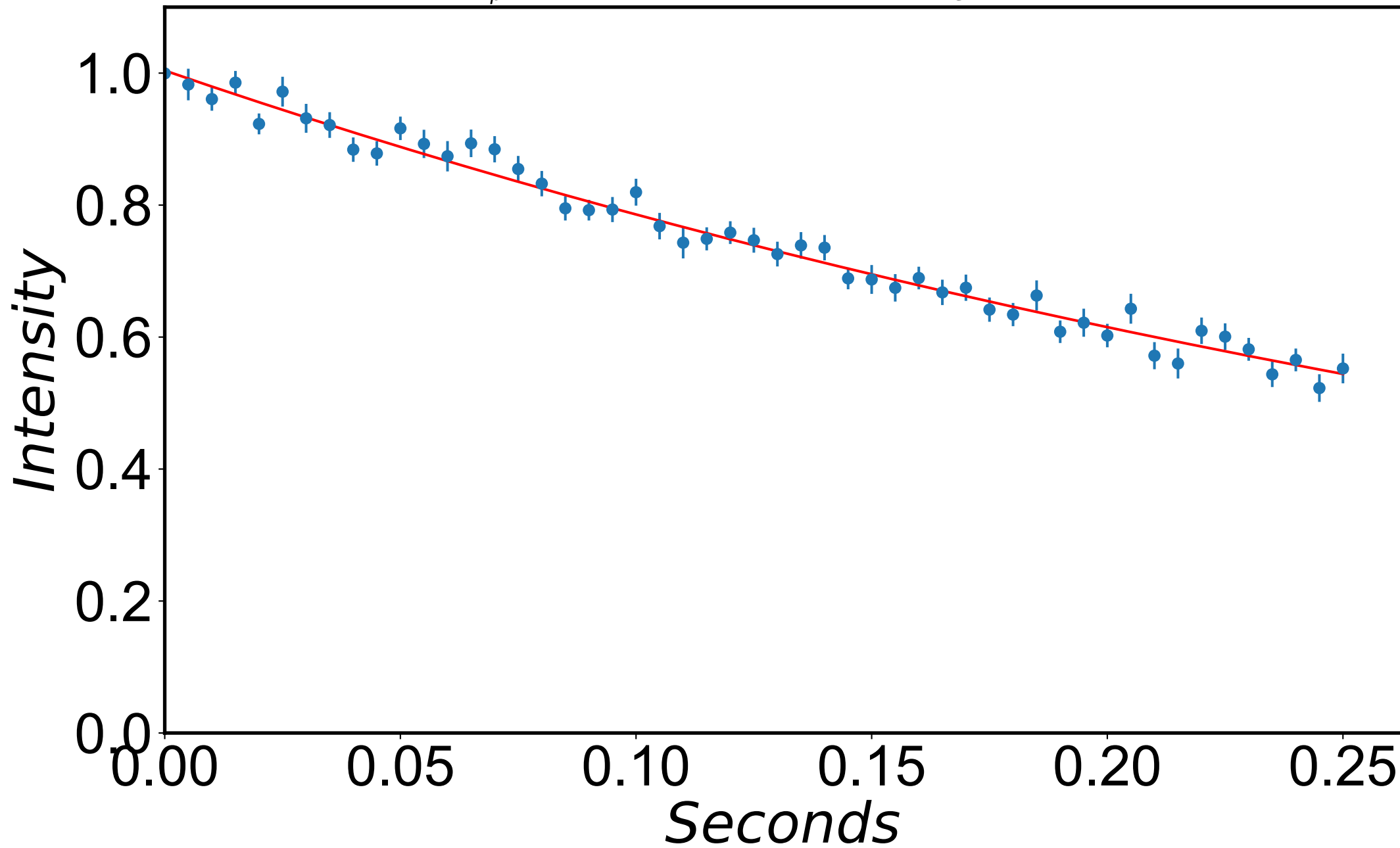
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 729 \text{ Hz}$$



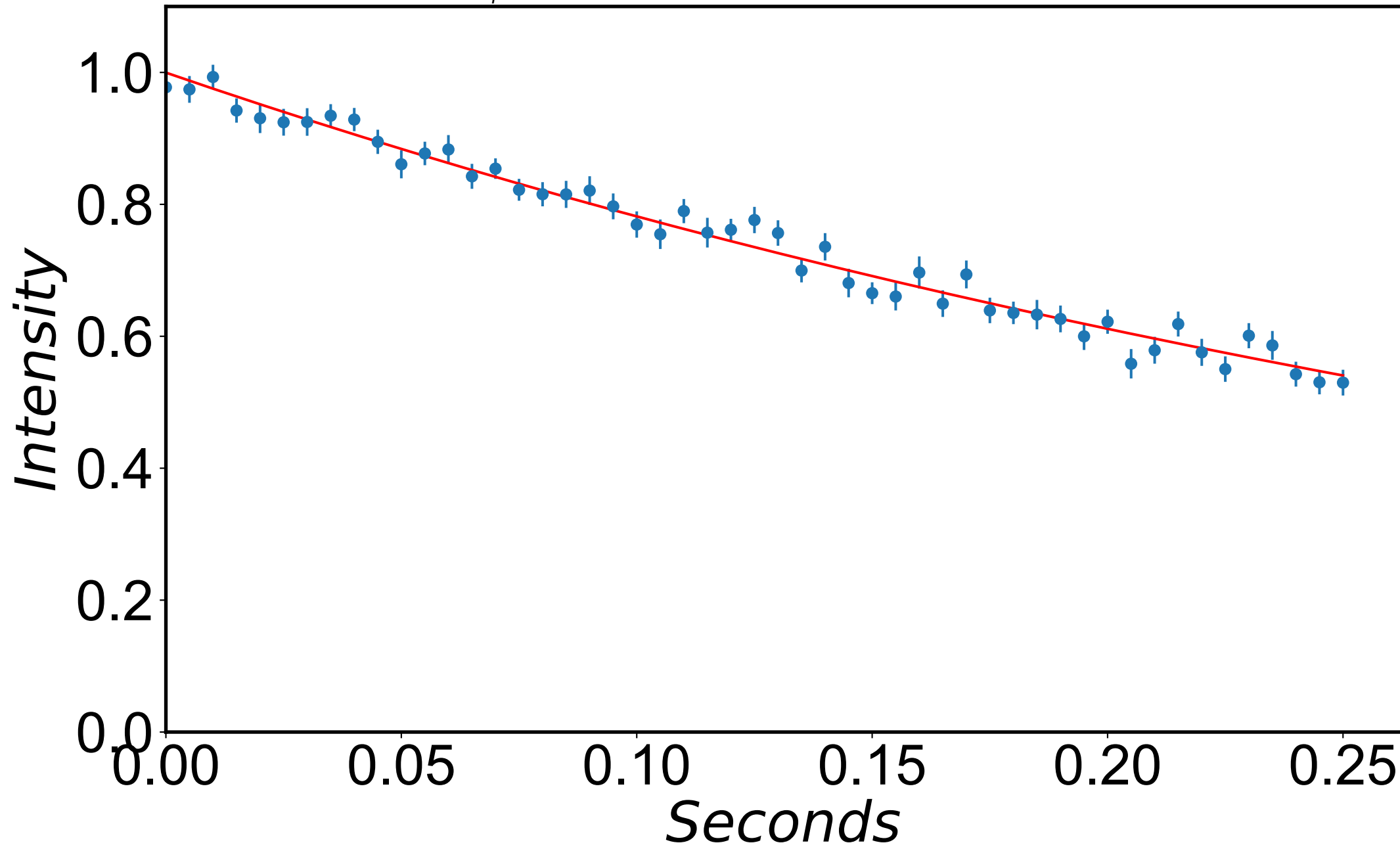
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 739 \text{ Hz}$$



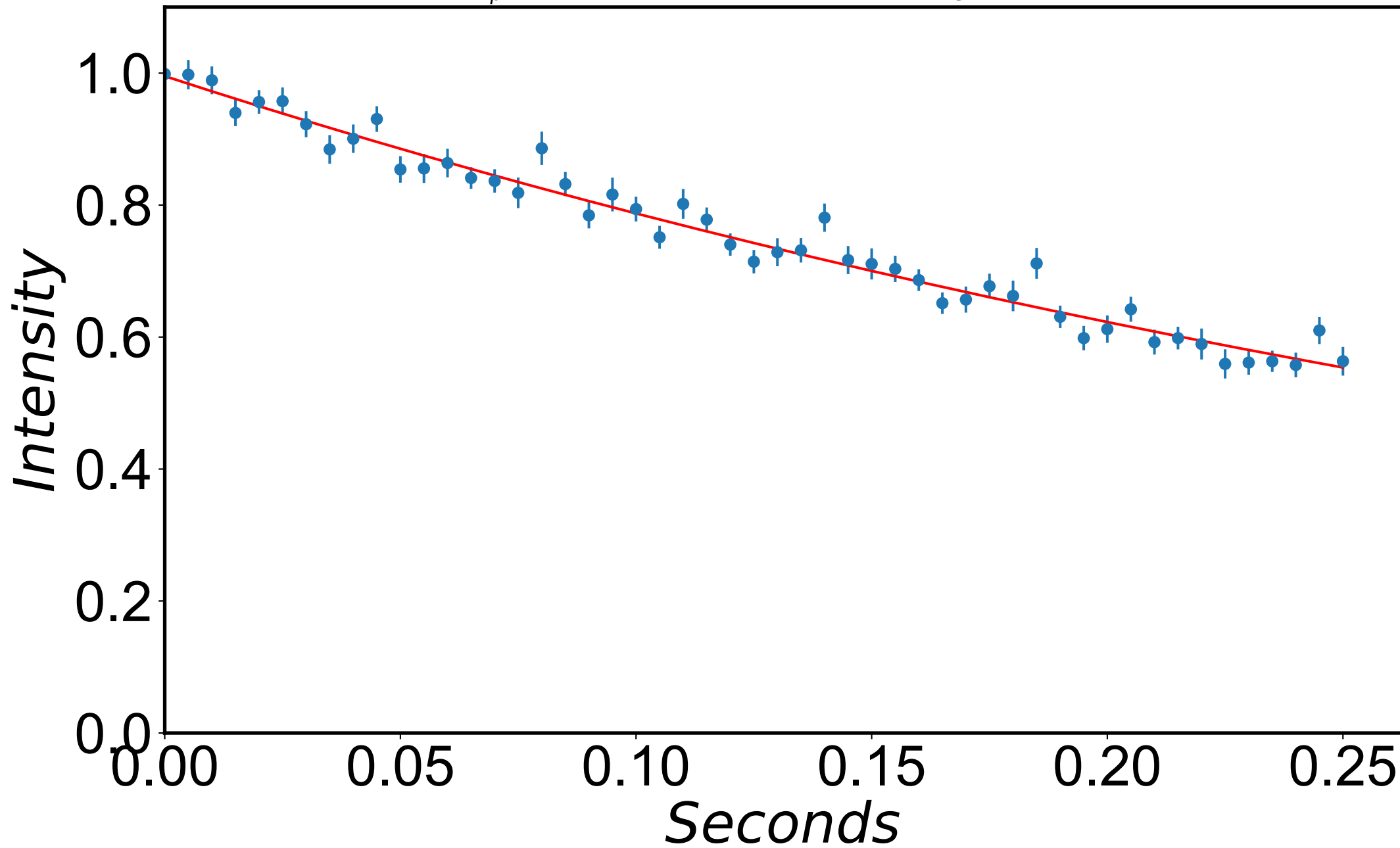
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 749 \text{ Hz}$$



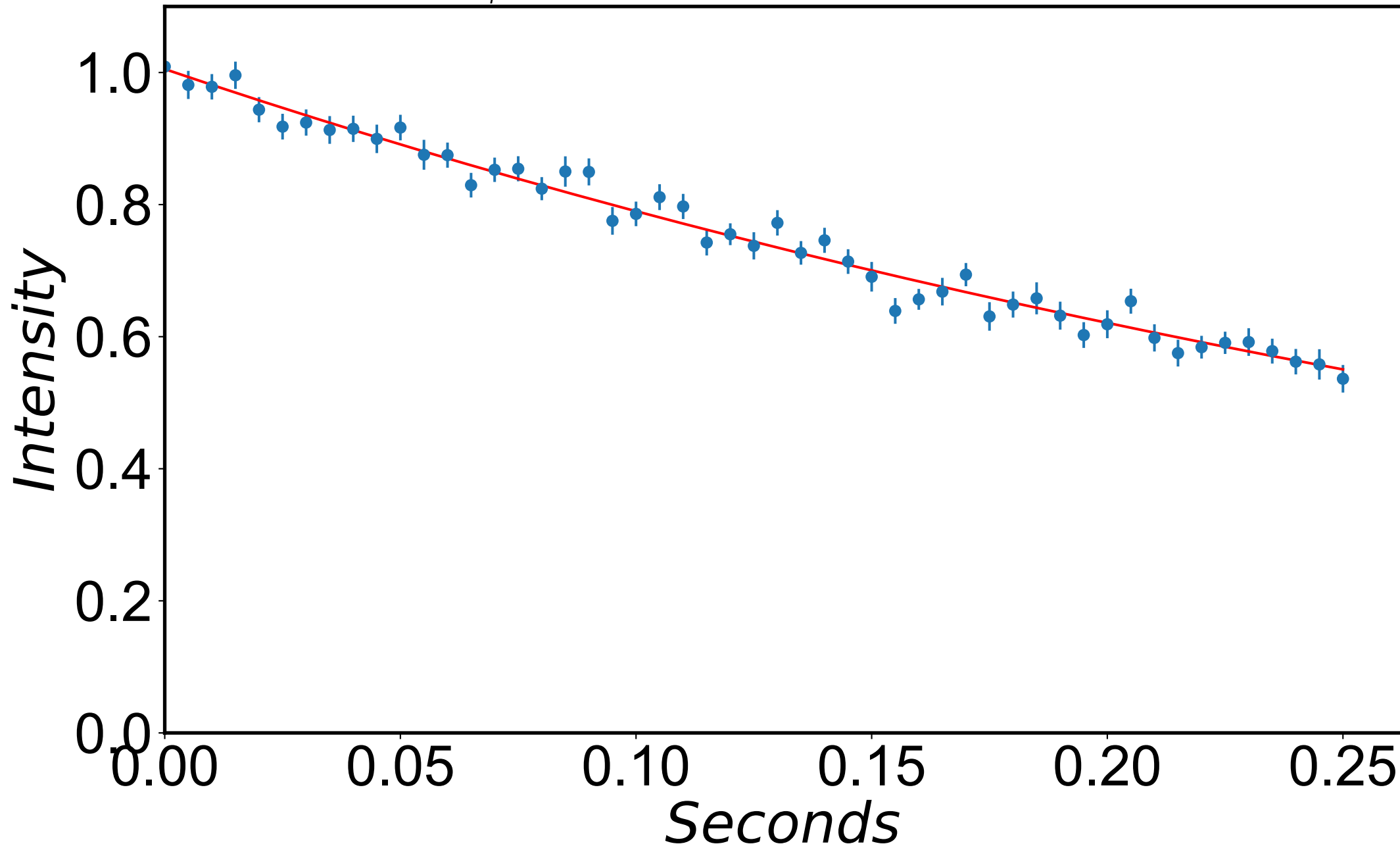
$$R_{1\rho} = 2.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 759 \text{ Hz}$$



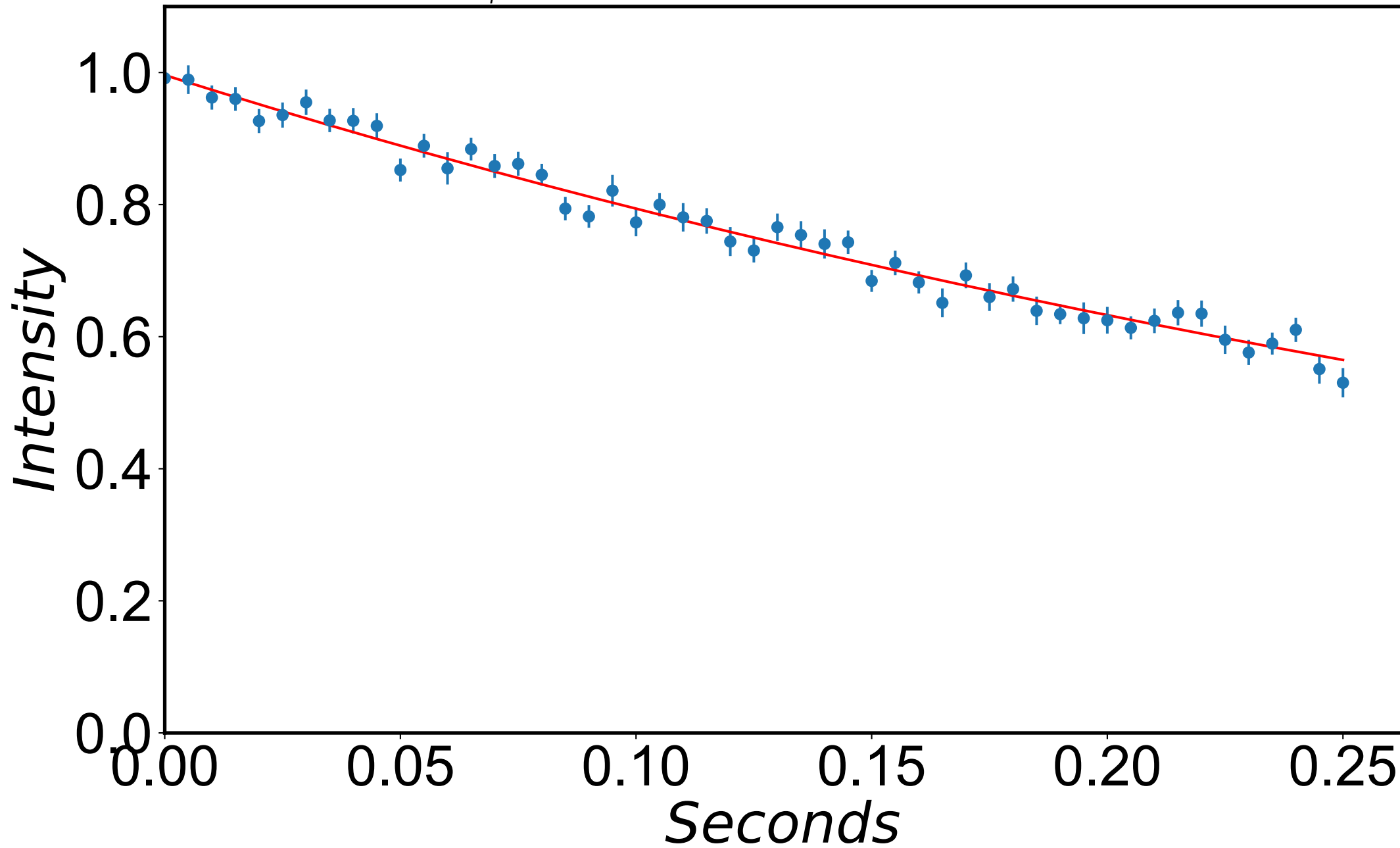
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 769 \text{ Hz}$$



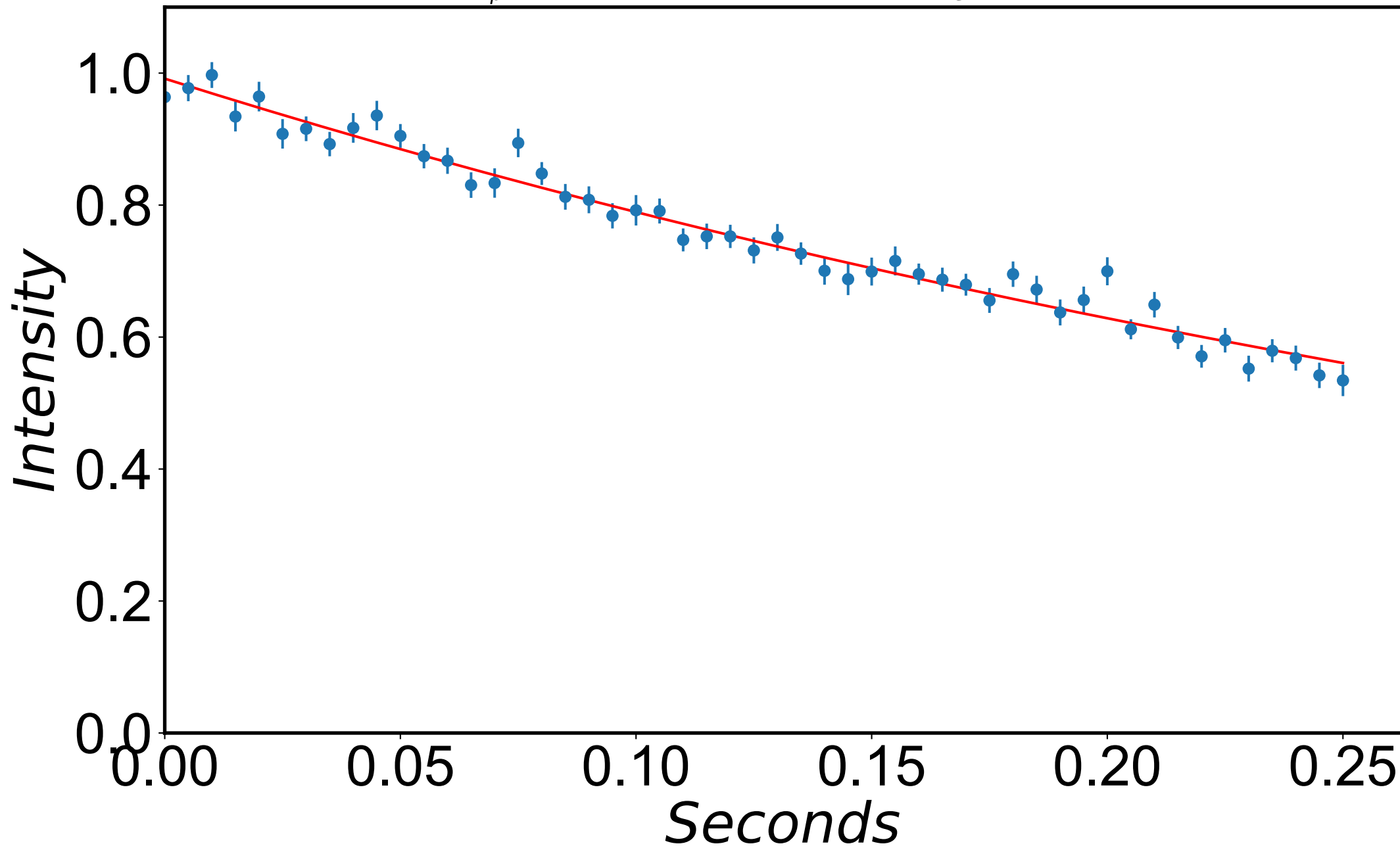
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 779 \text{ Hz}$$



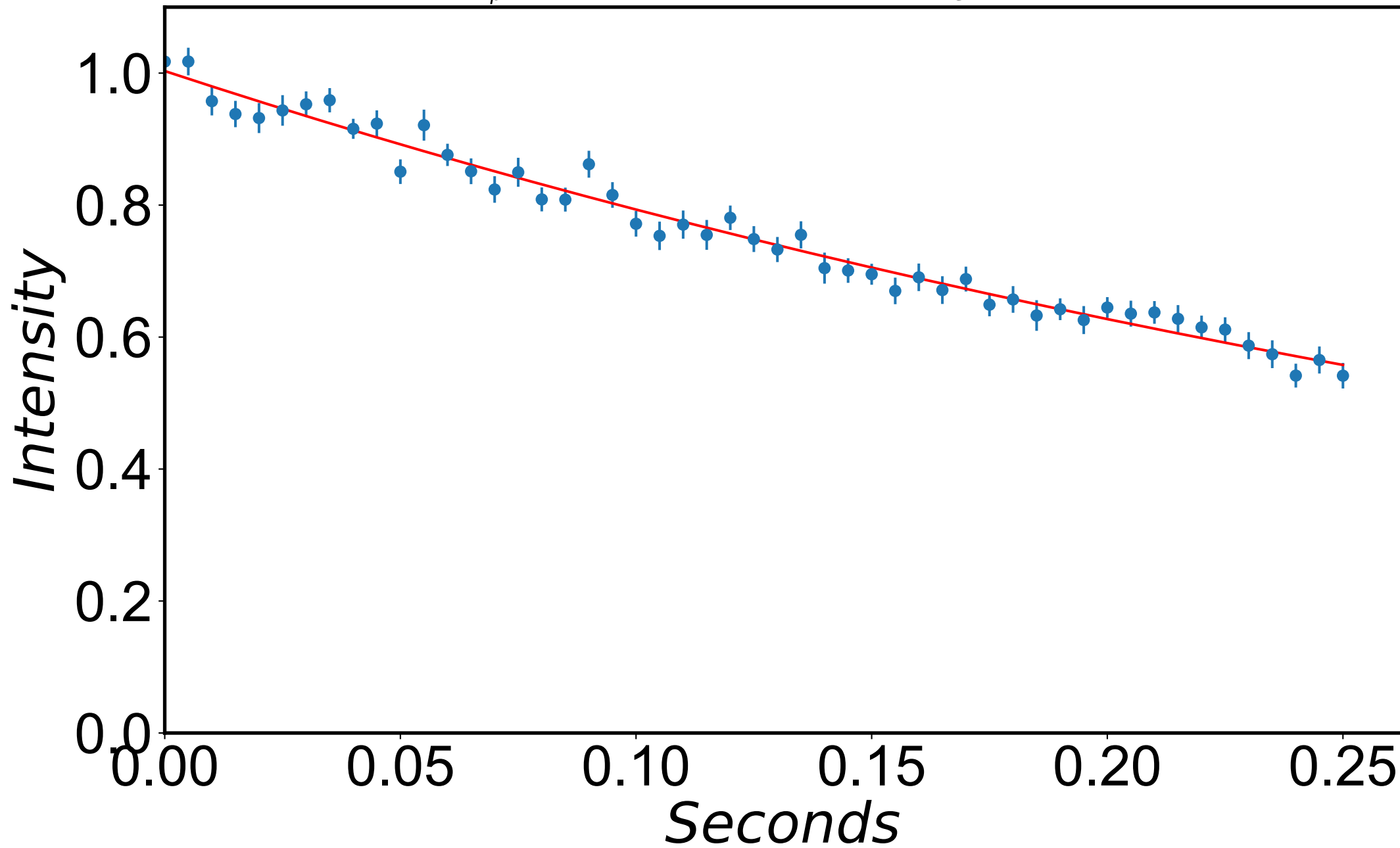
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 789 \text{ Hz}$$



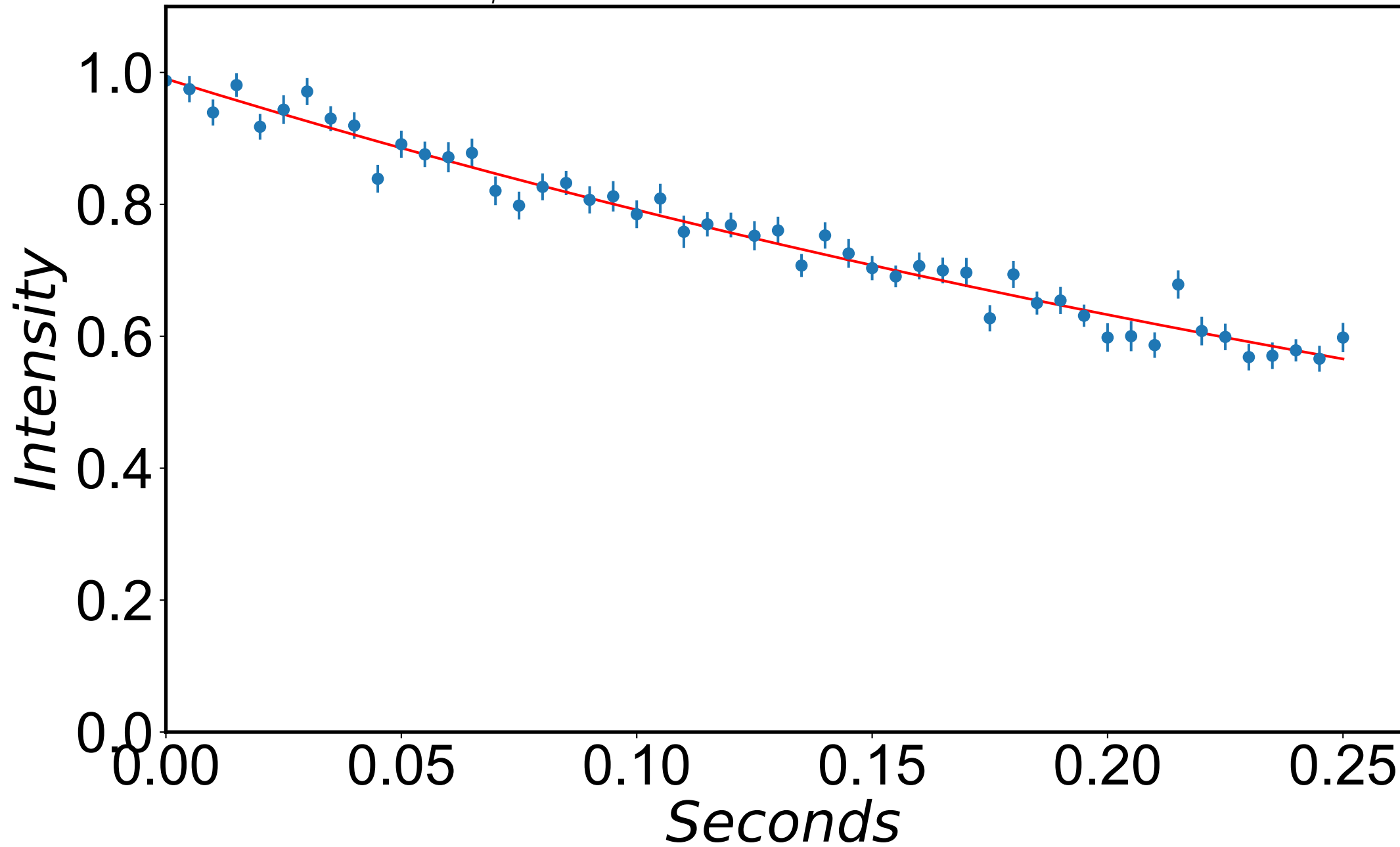
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 799 \text{ Hz}$$



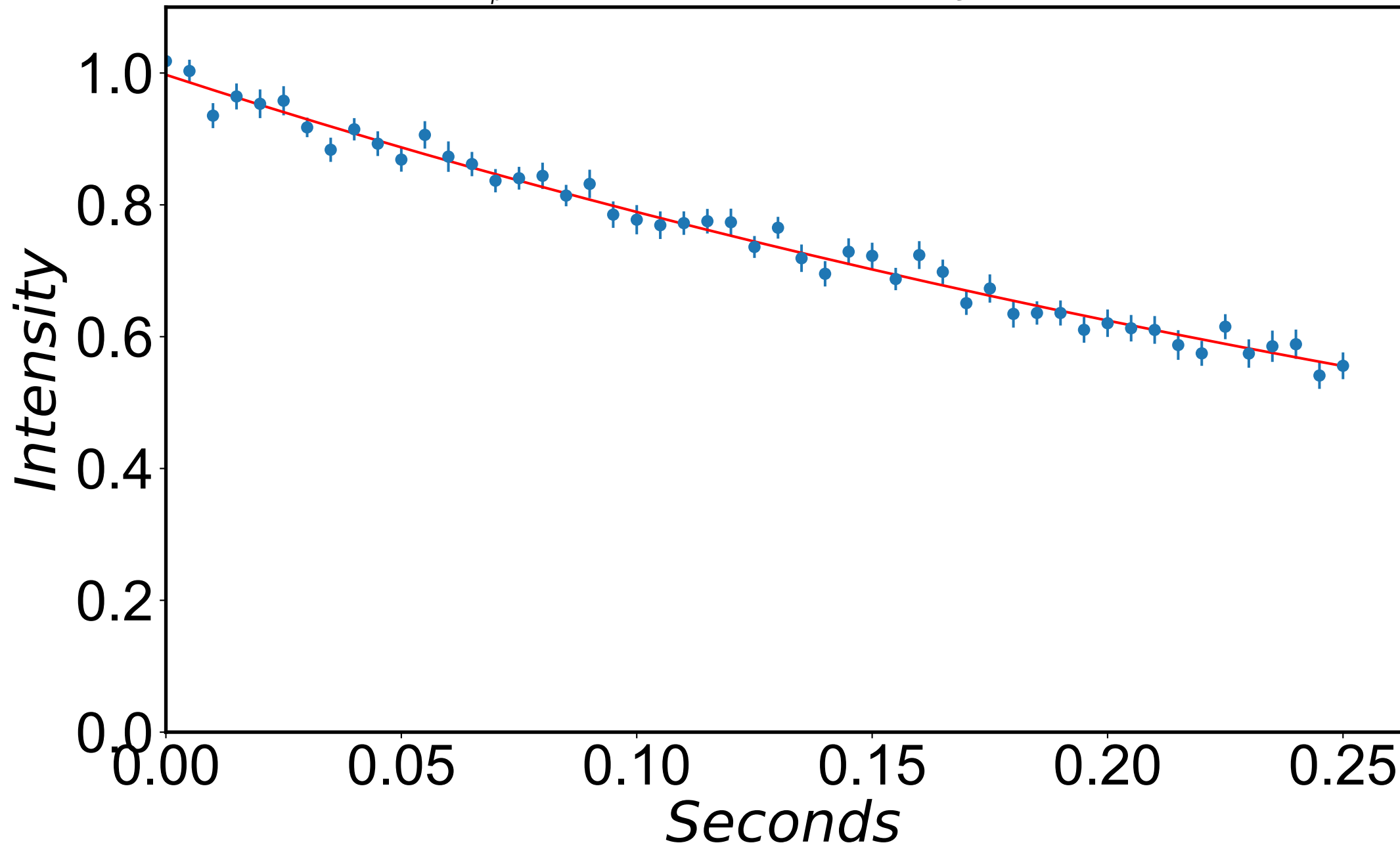
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 809 \text{ Hz}$$



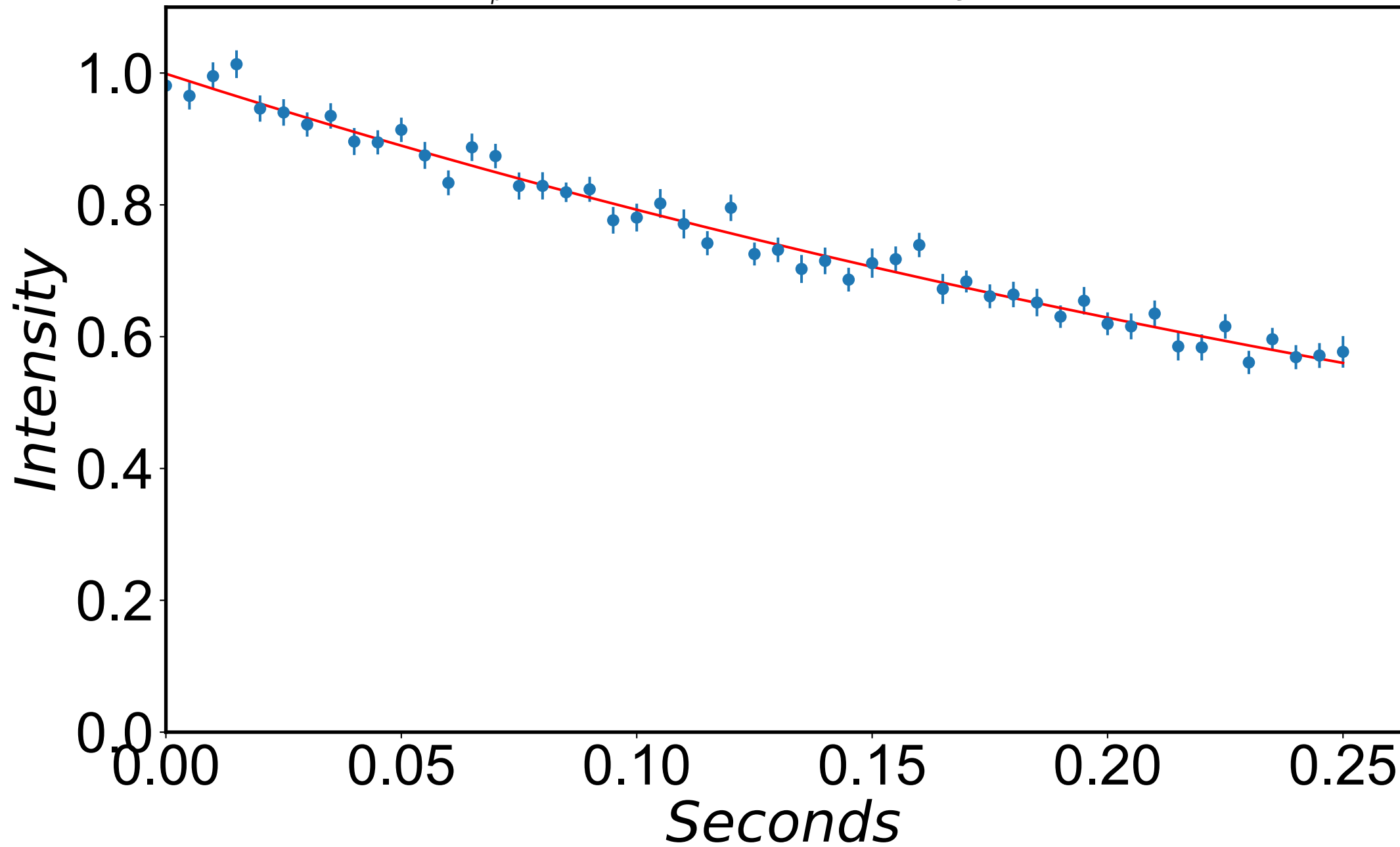
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 819 \text{ Hz}$$



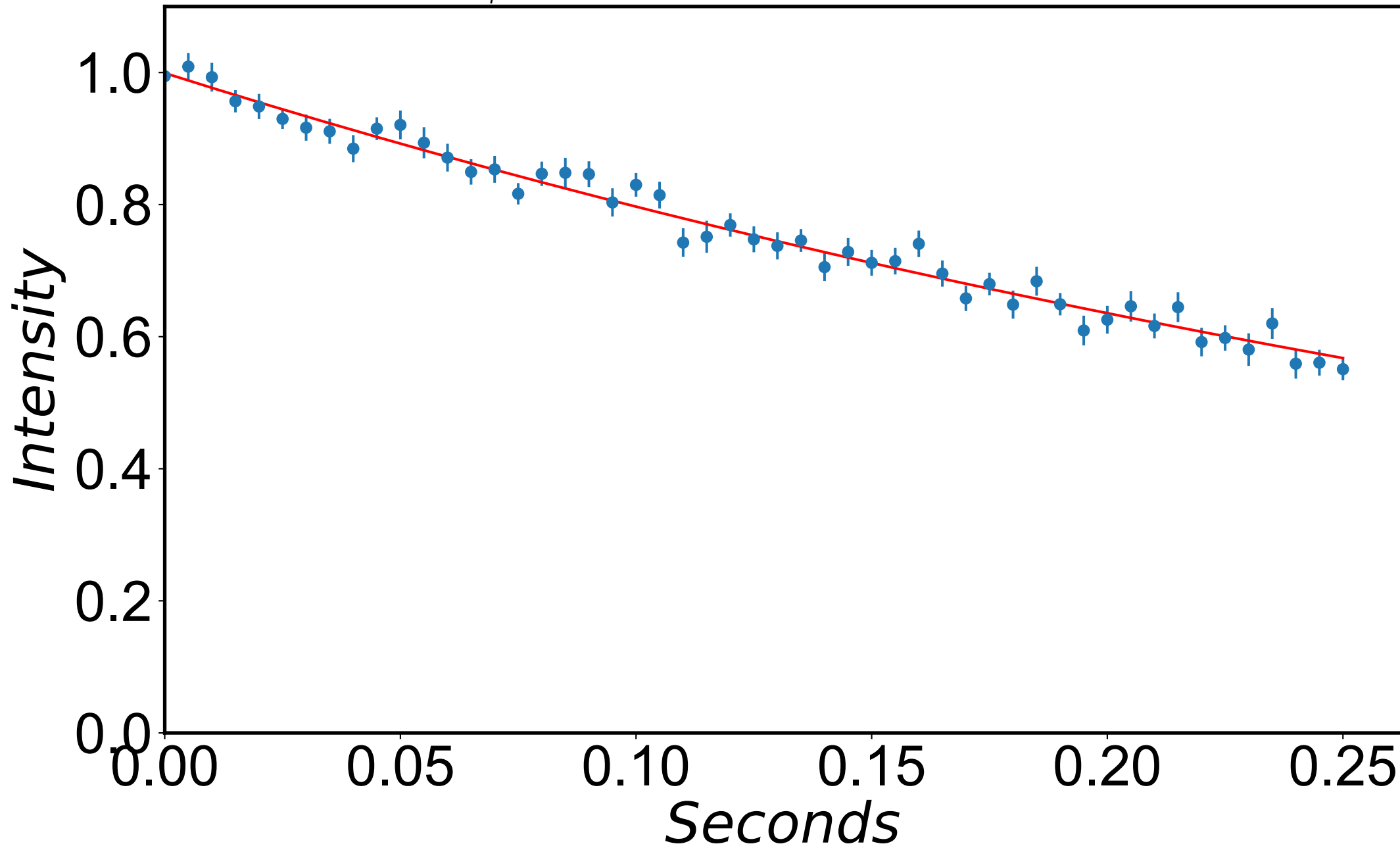
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 829 \text{ Hz}$$



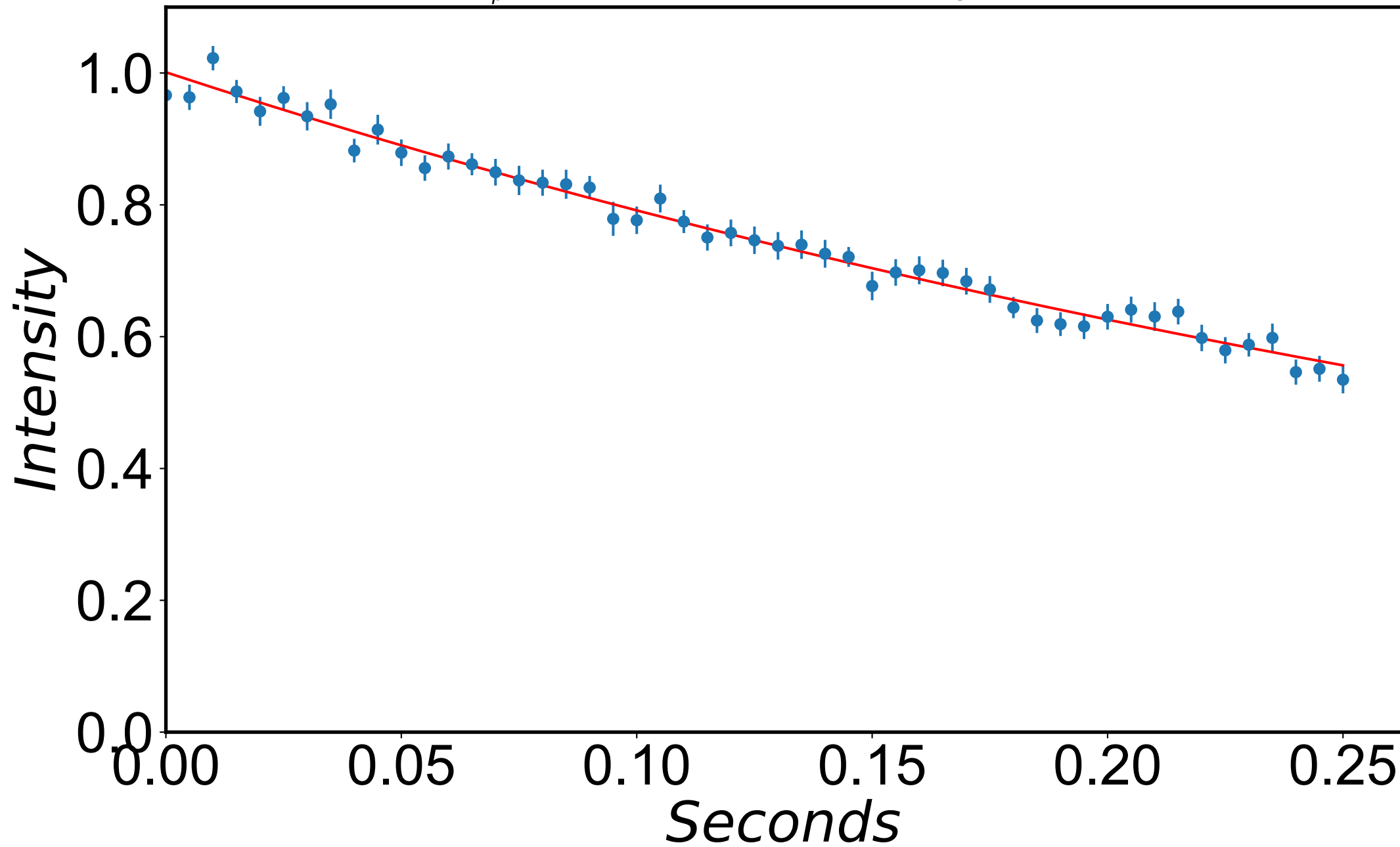
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 839 \text{ Hz}$$



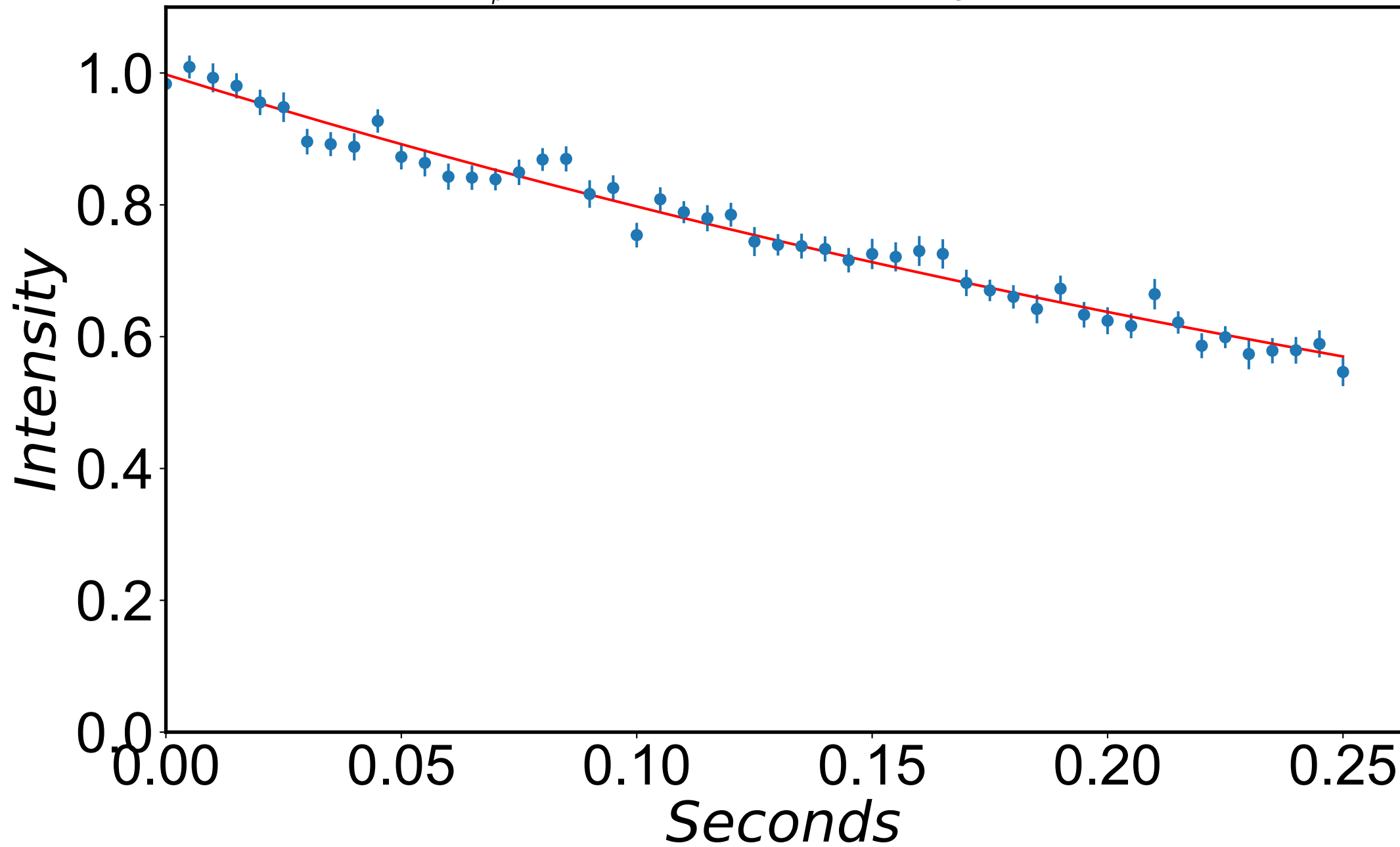
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 849 \text{ Hz}$$



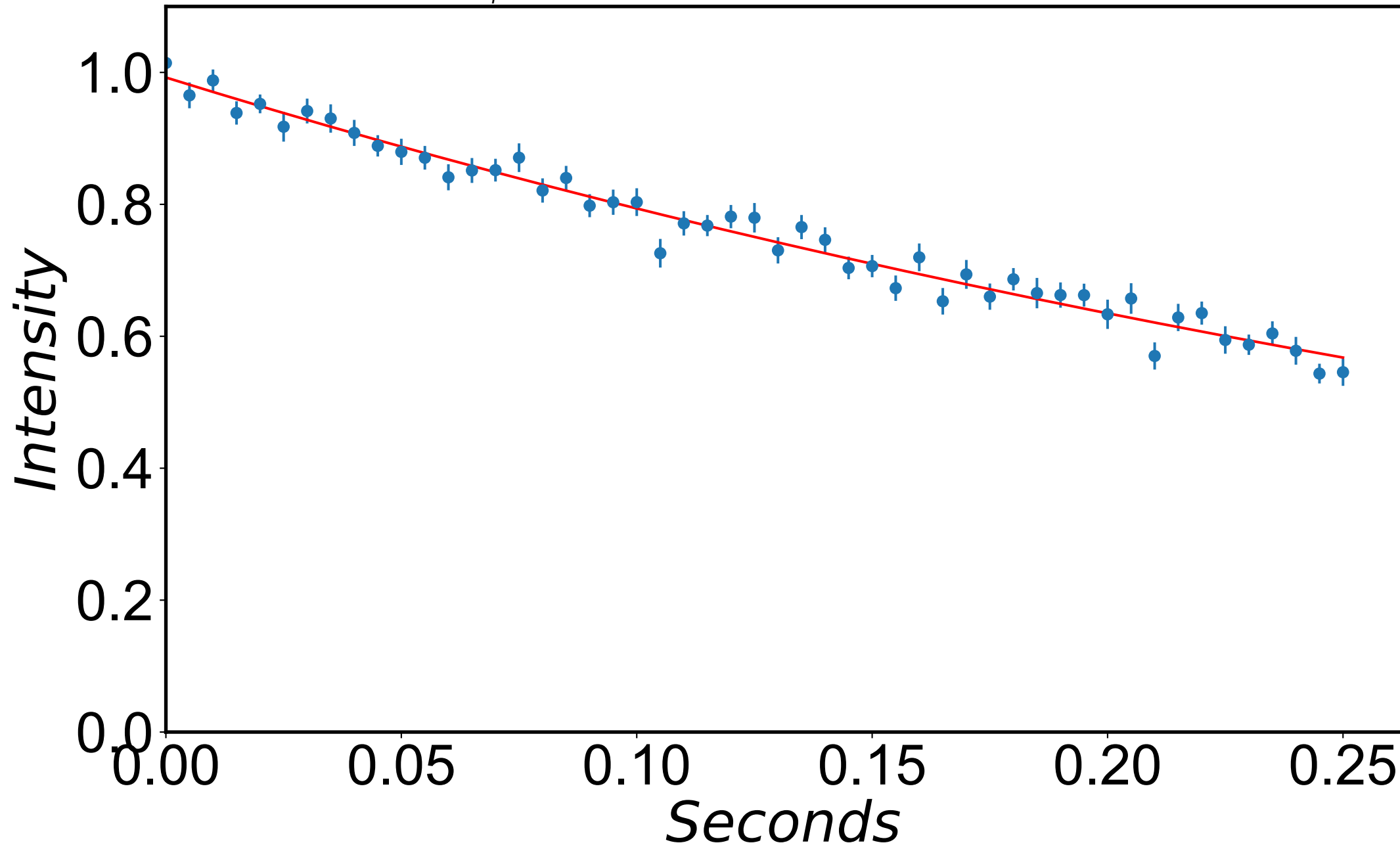
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 859 \text{ Hz}$$



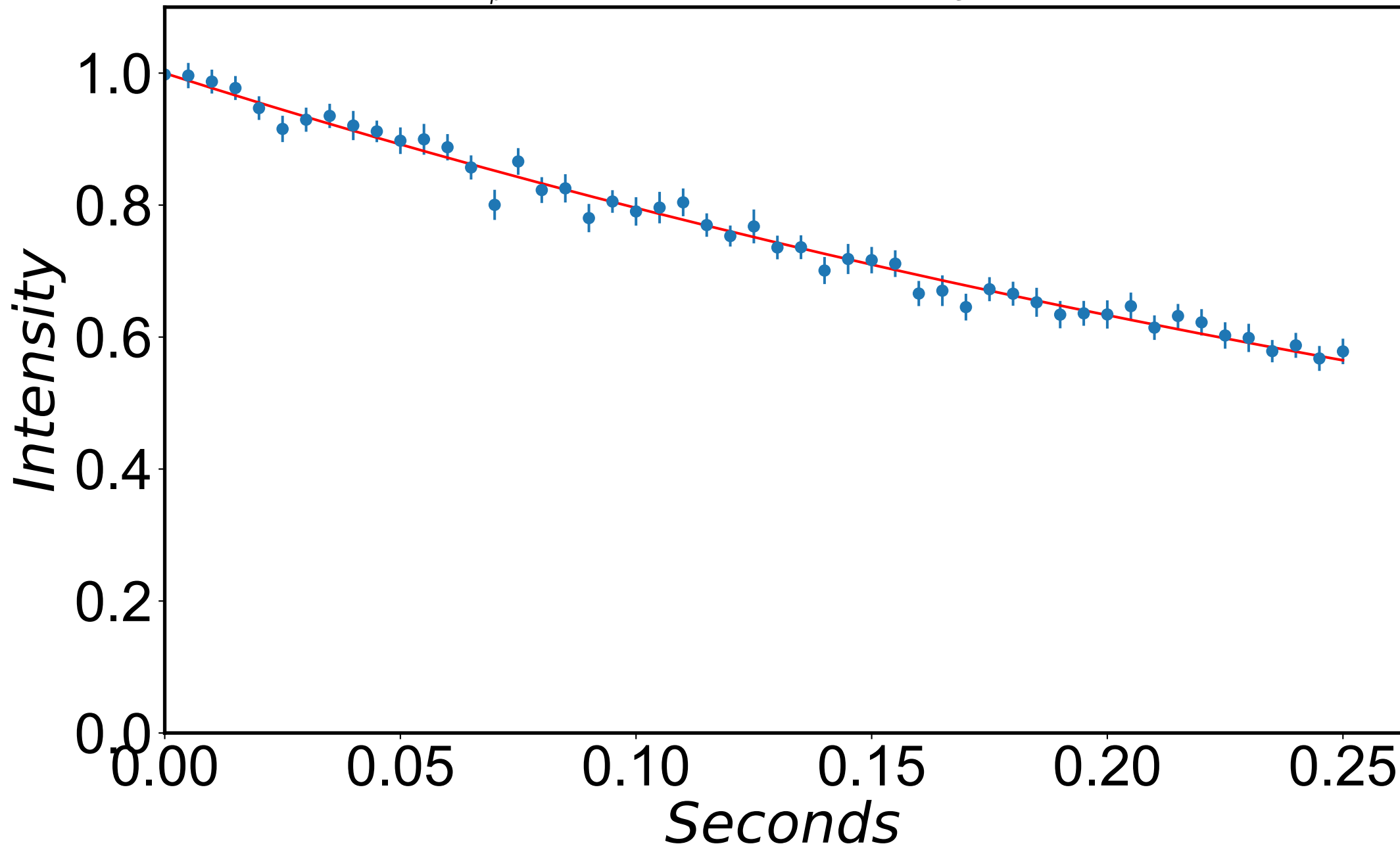
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 869 \text{ Hz}$$



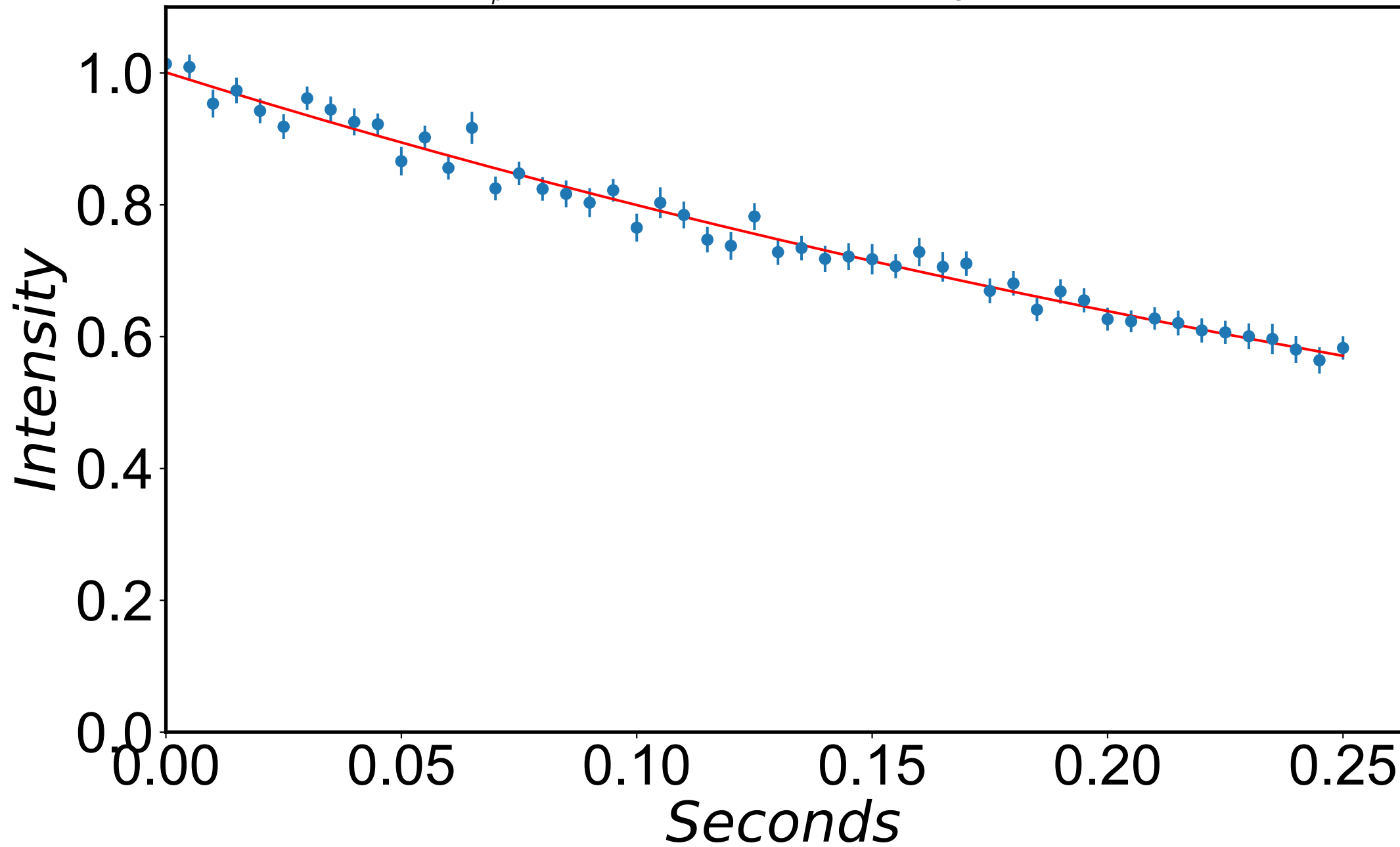
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 879 \text{ Hz}$$



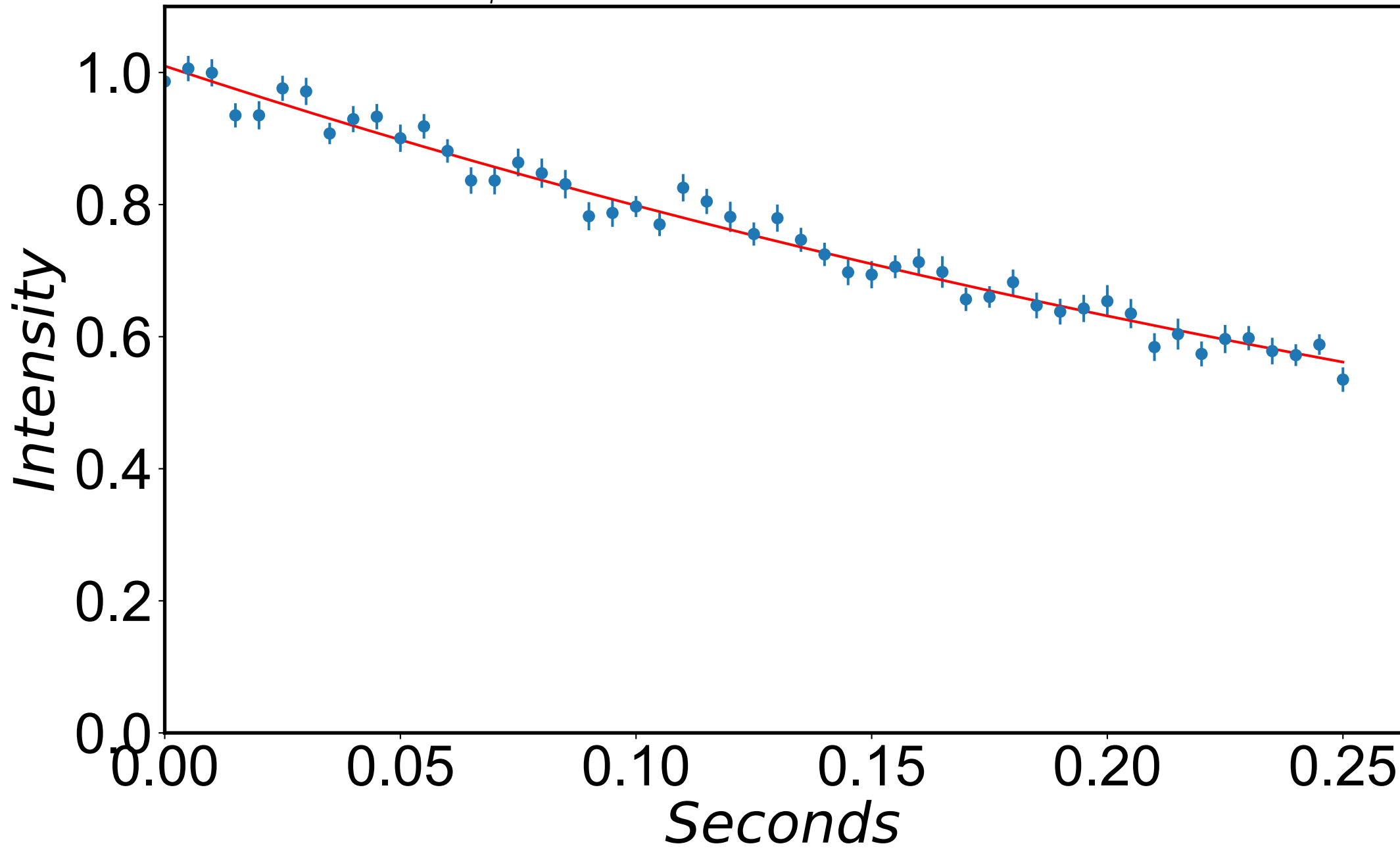
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 889 \text{ Hz}$$



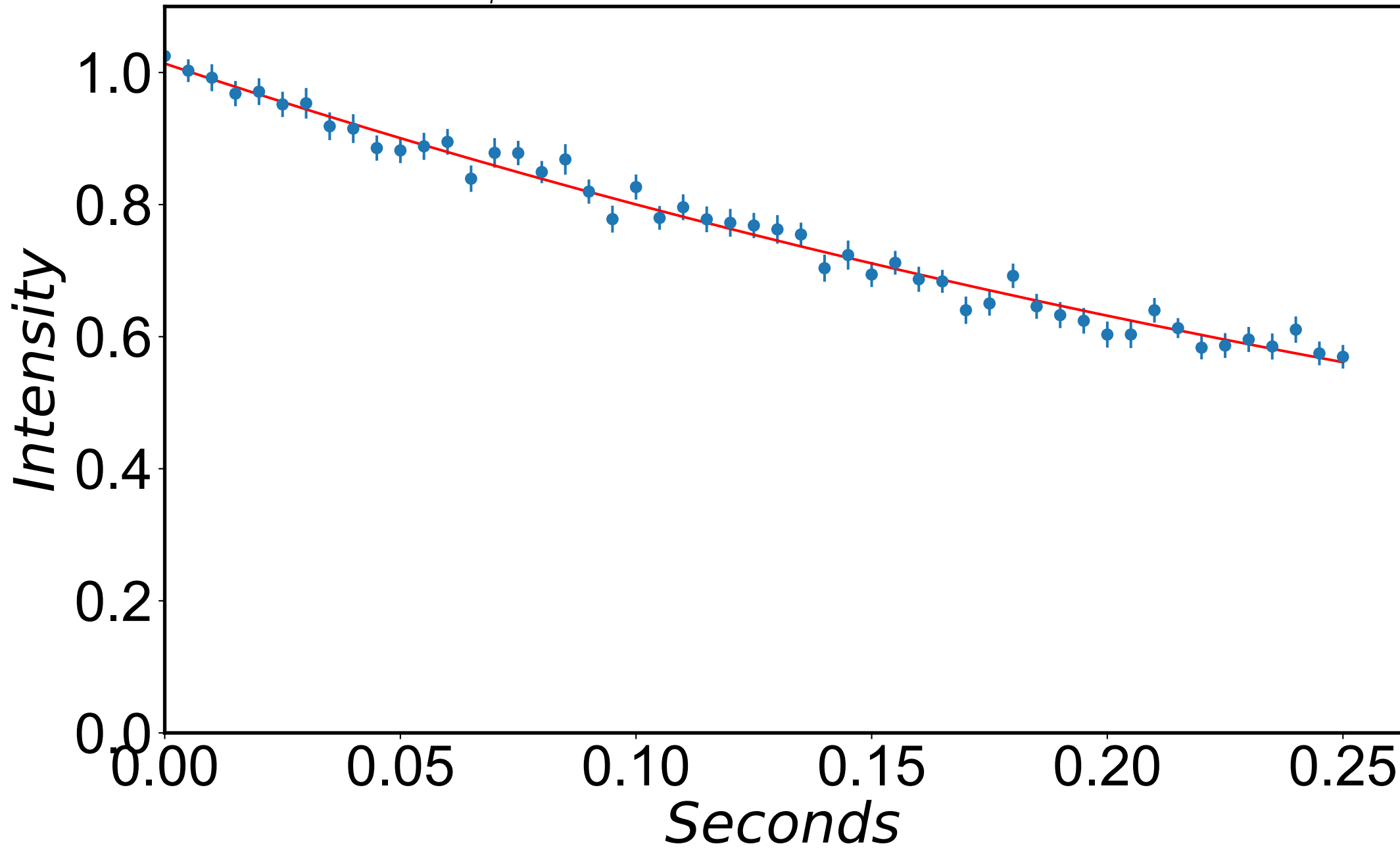
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 899 \text{ Hz}$$



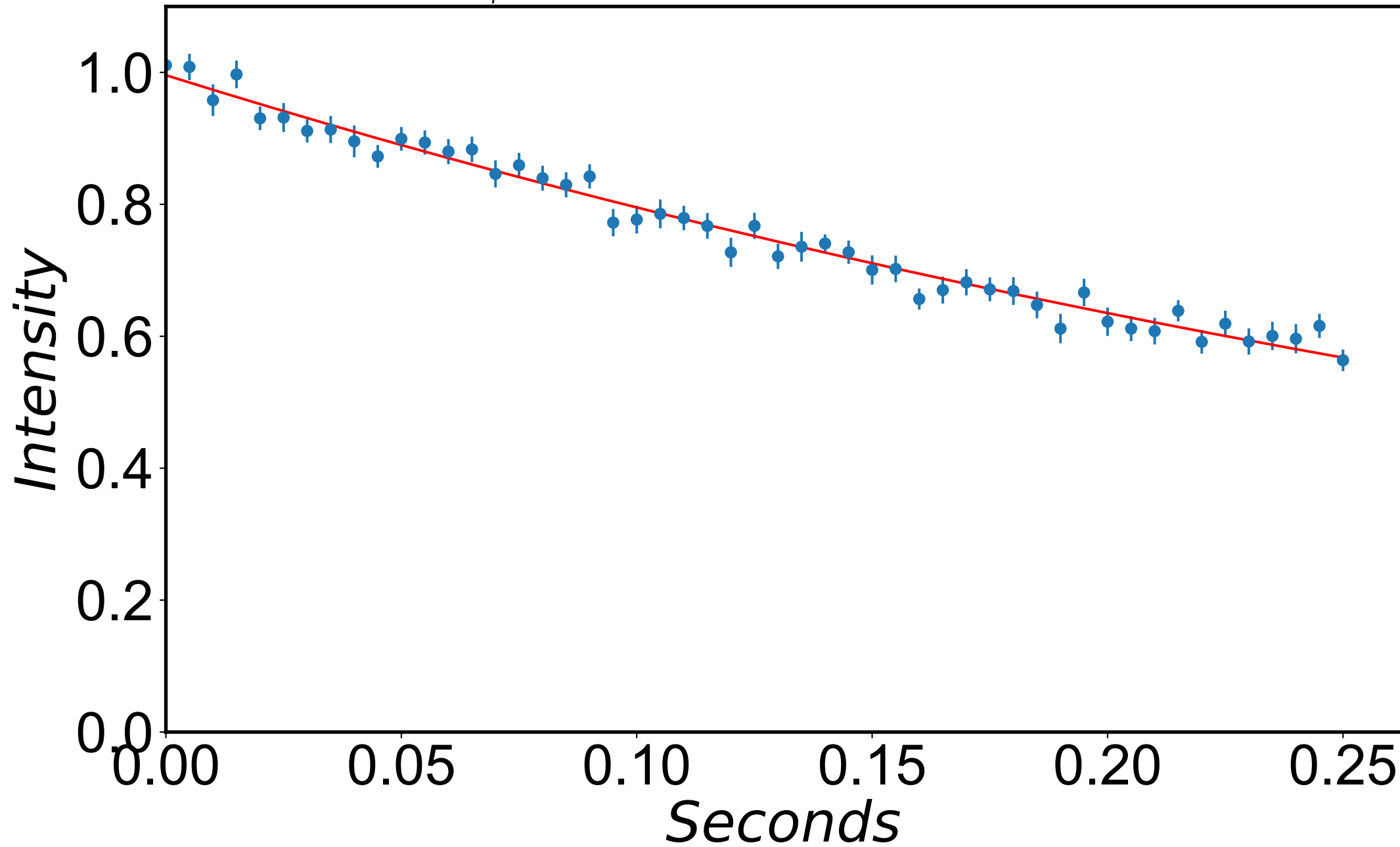
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 910 \text{ Hz}$$



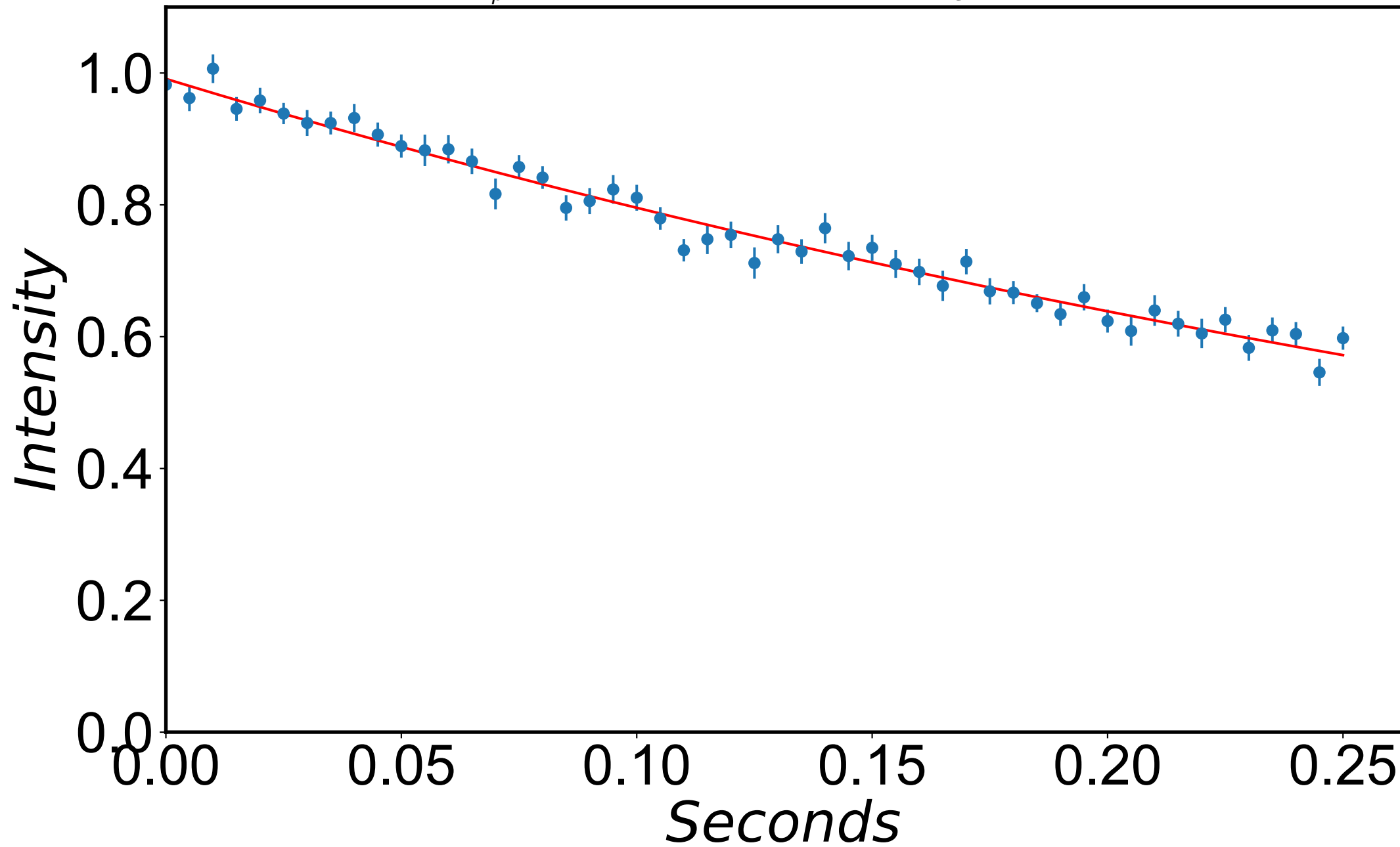
$$R_{1\rho} = 2.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 920 \text{ Hz}$$



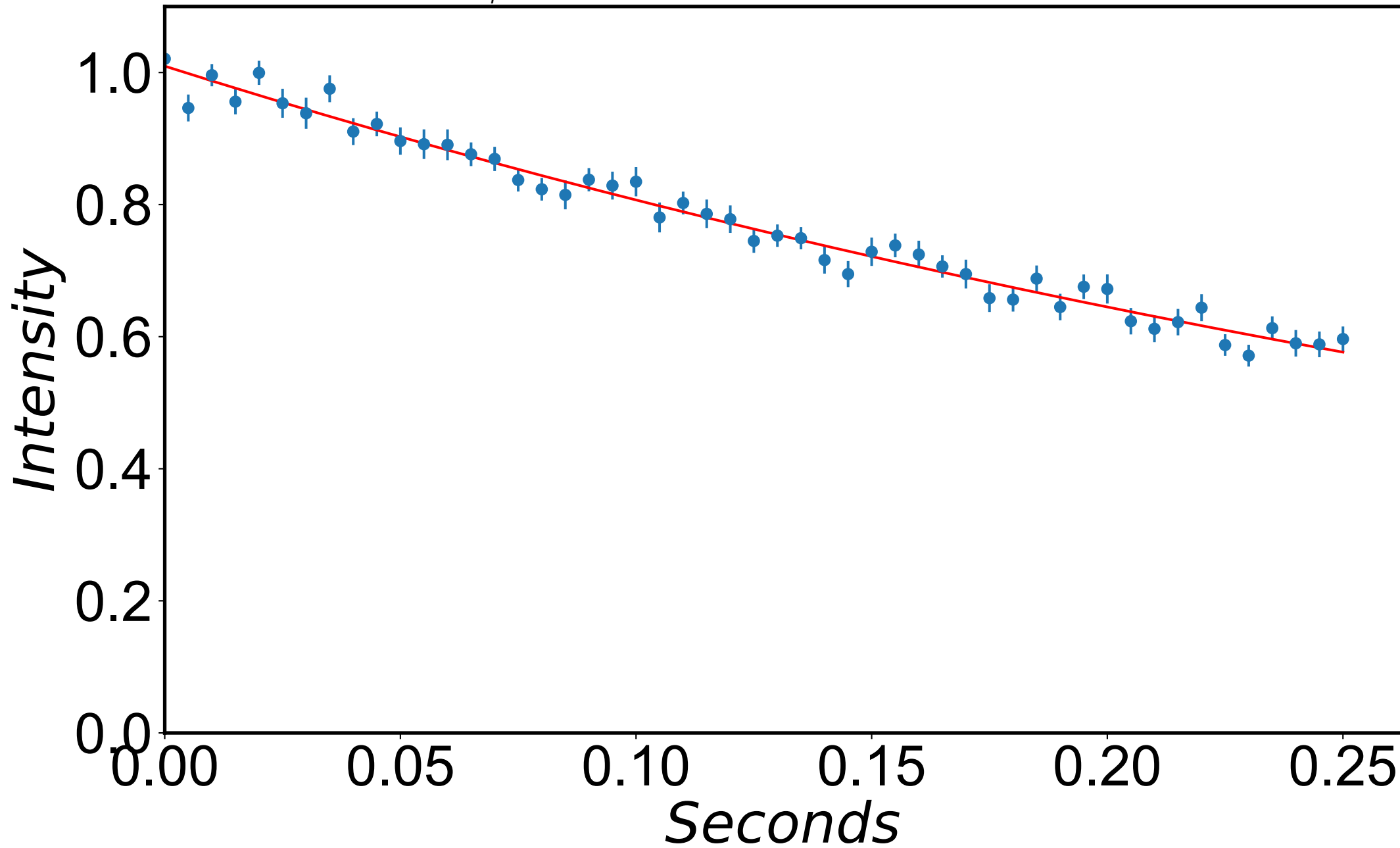
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 930 \text{ Hz}$$



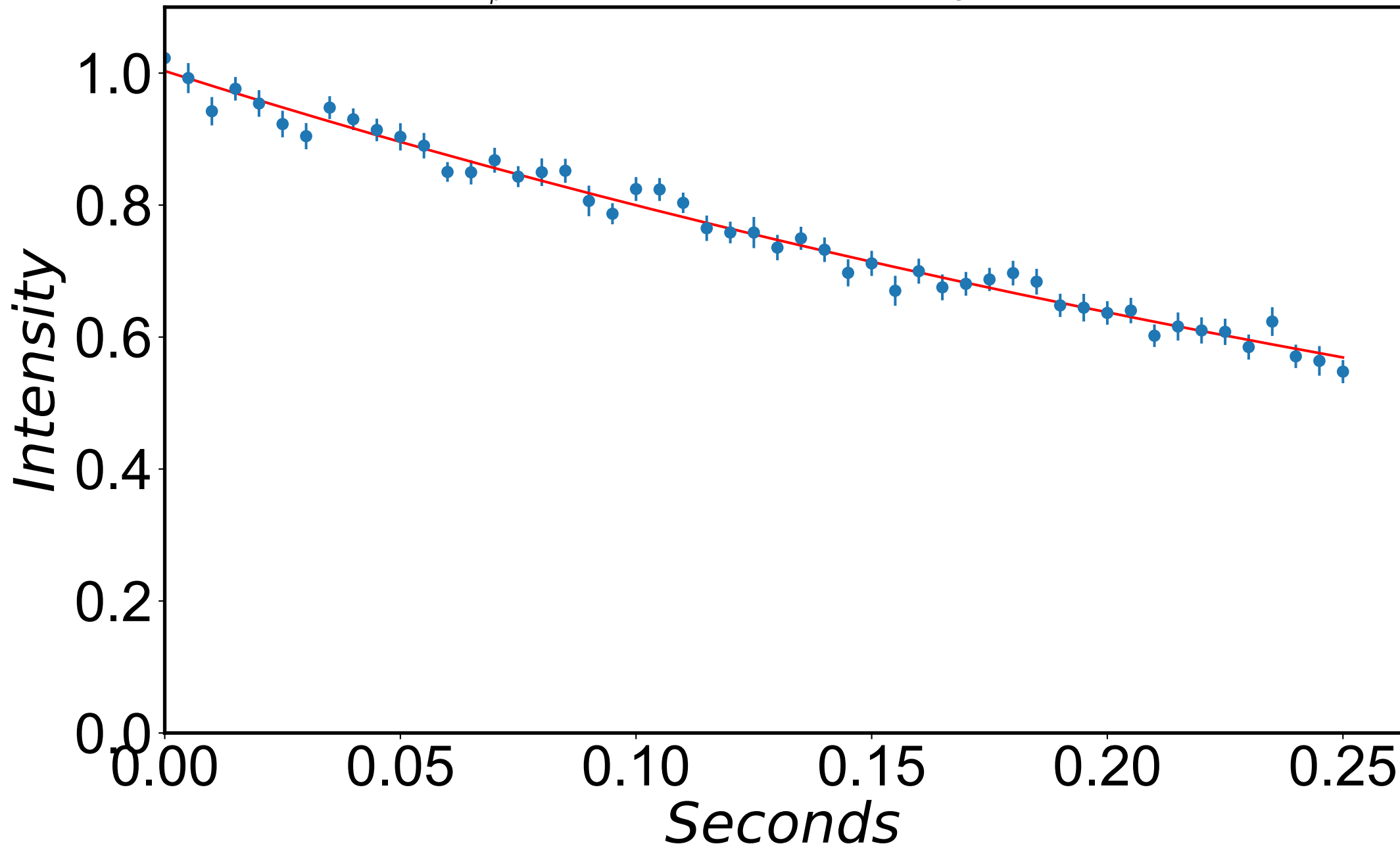
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 940 \text{ Hz}$$



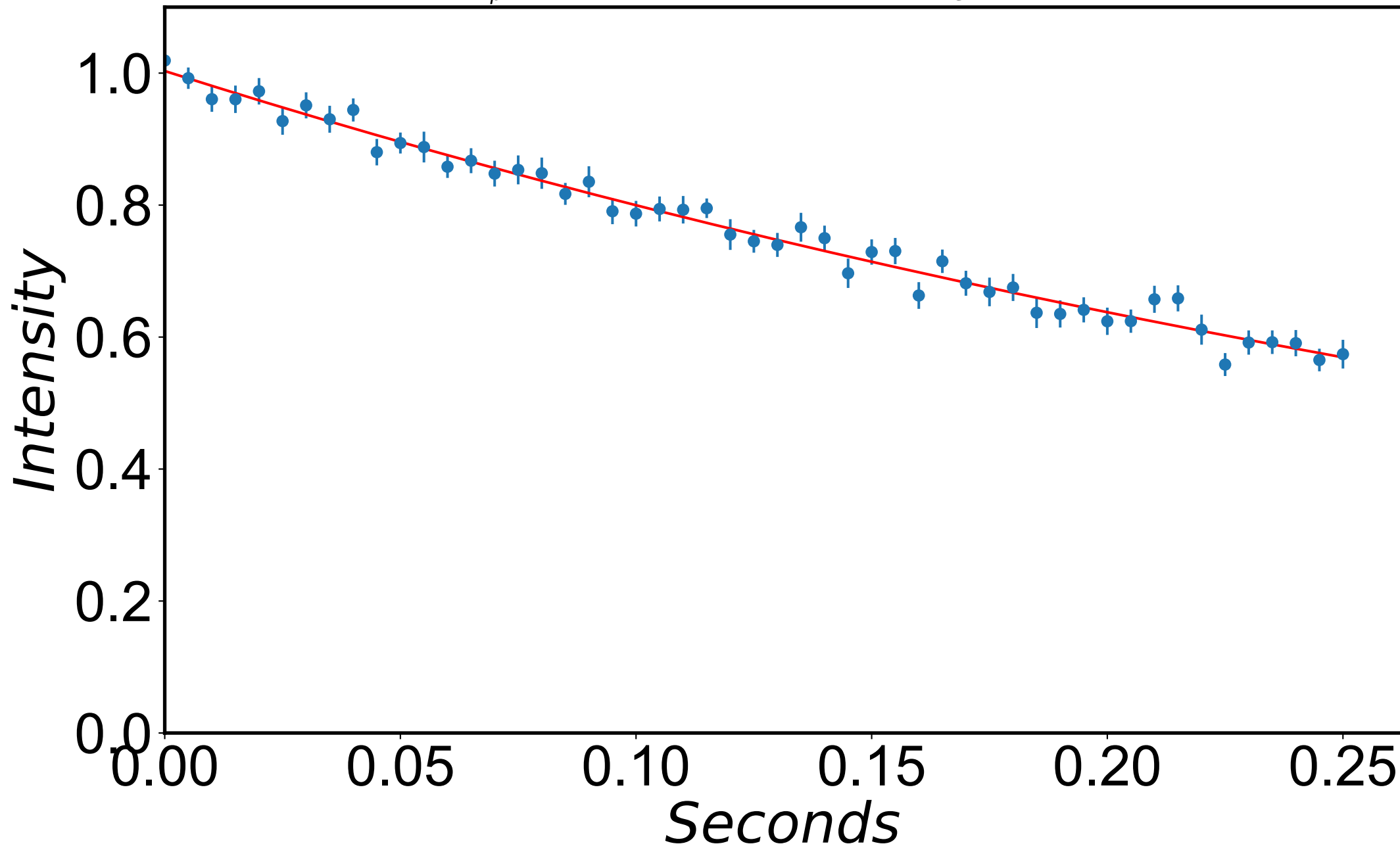
$$R_{1\rho} = 2.2 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 950 \text{ Hz}$$



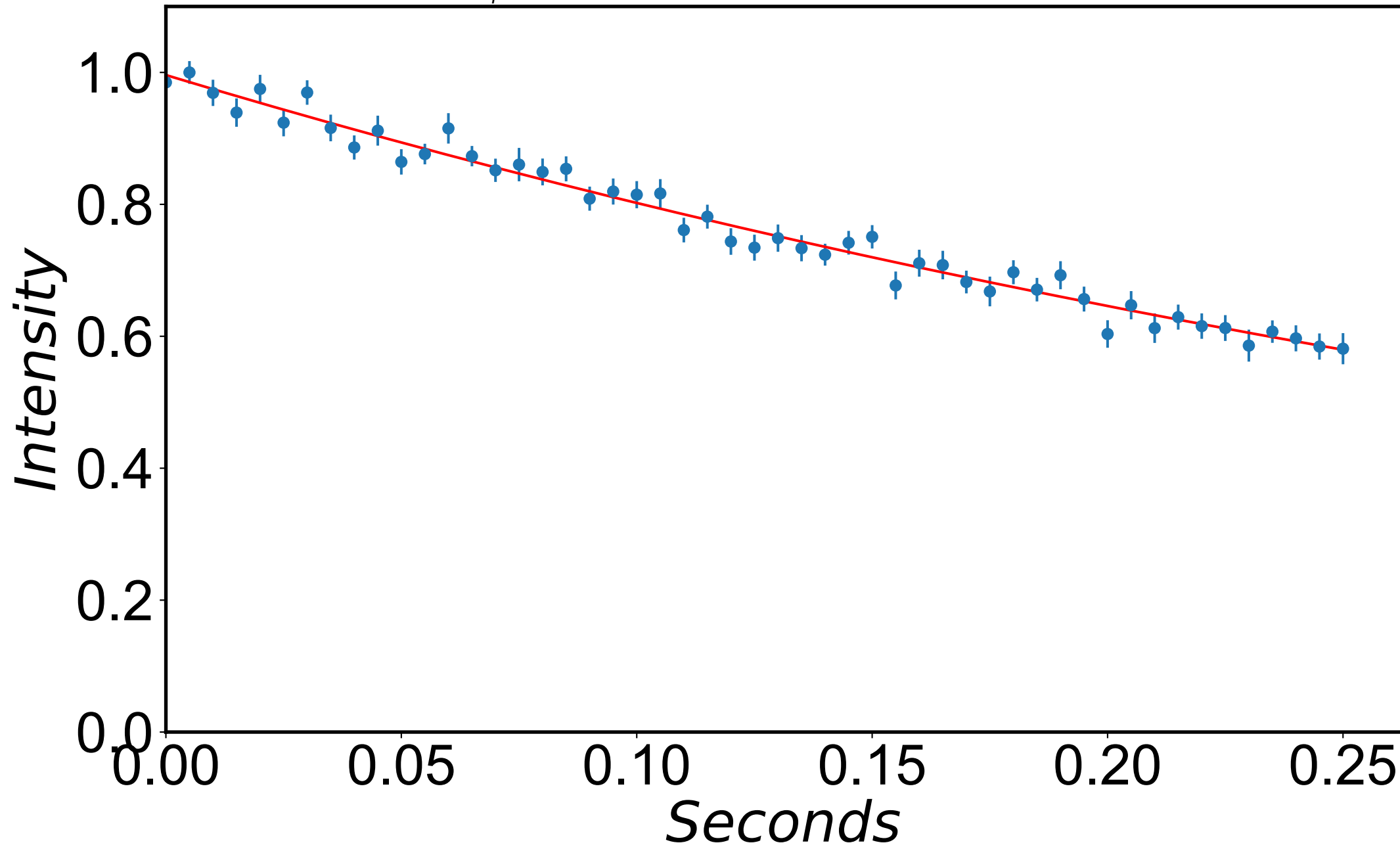
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 960 \text{ Hz}$$



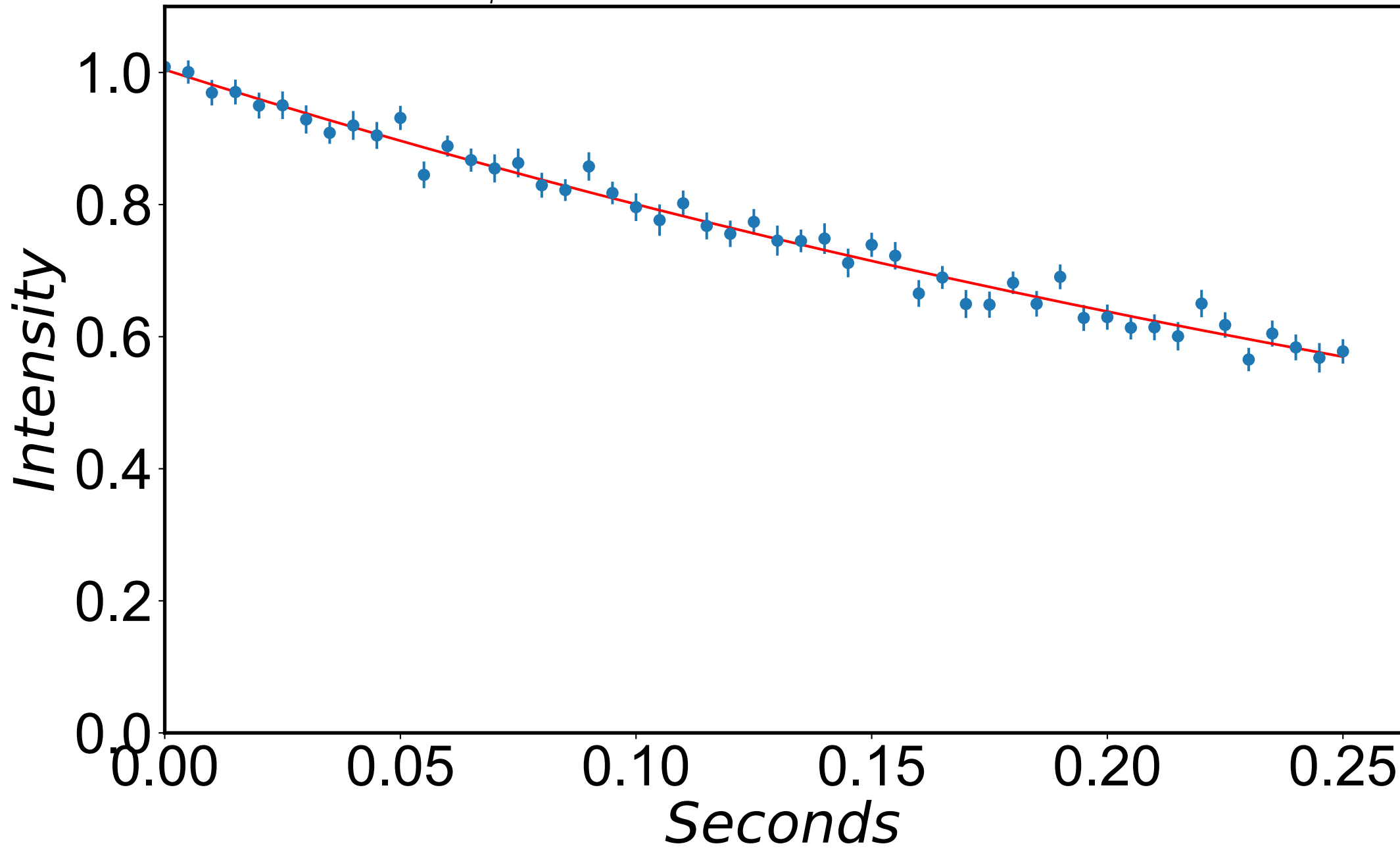
$$R_{1\rho} = 2.3 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 970 \text{ Hz}$$



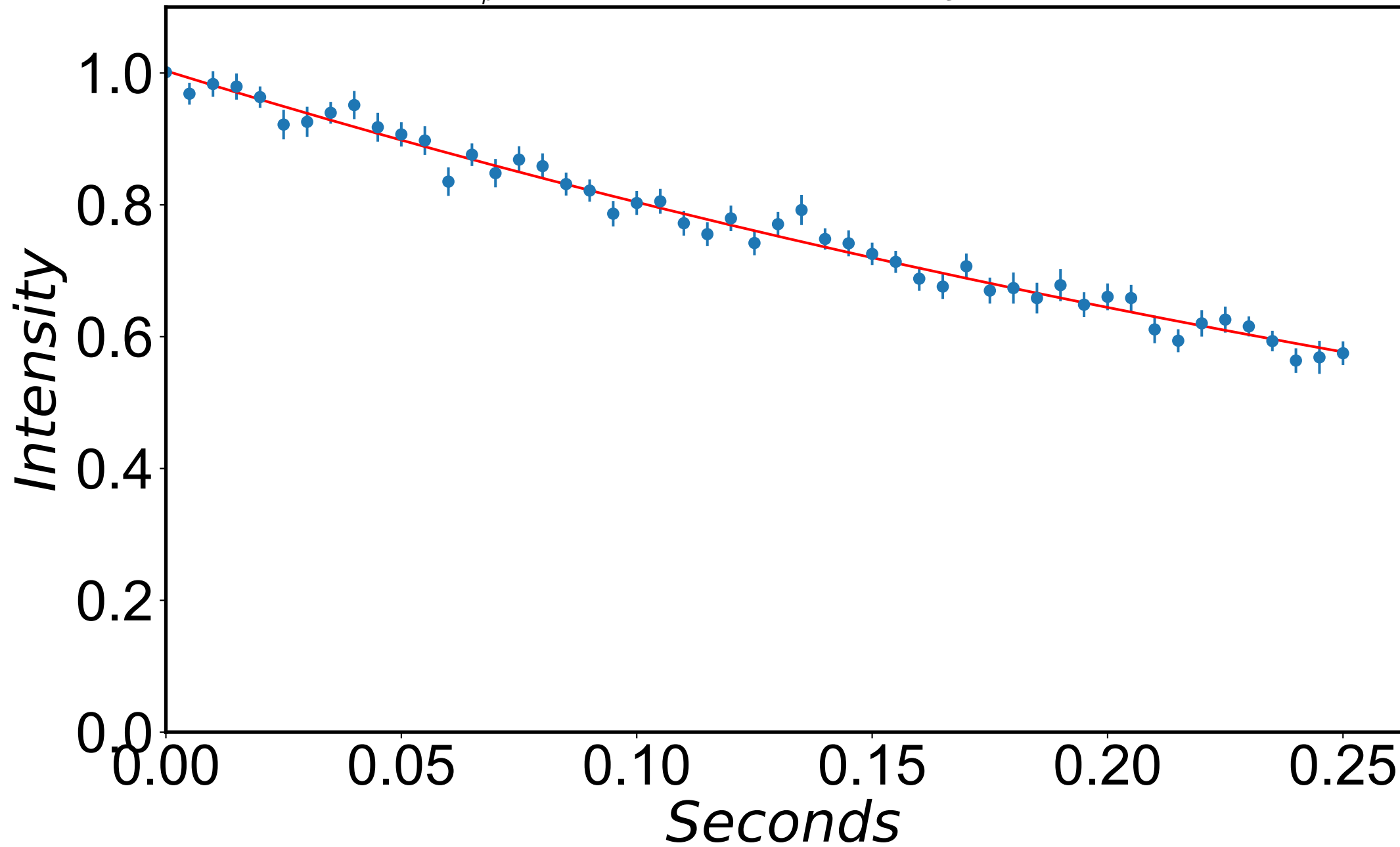
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 980 \text{ Hz}$$



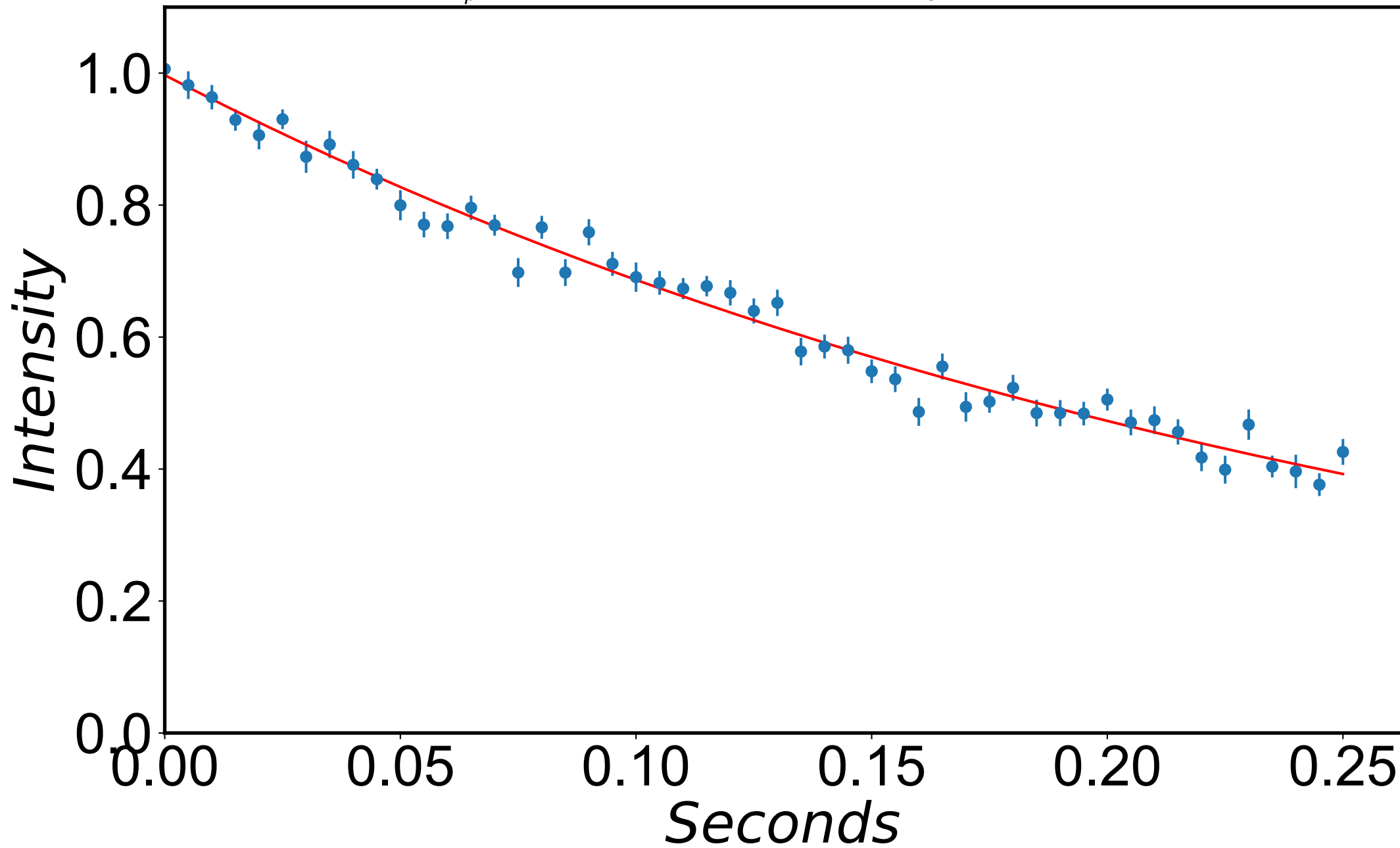
$$R_{1\rho} = 2.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 990 \text{ Hz}$$



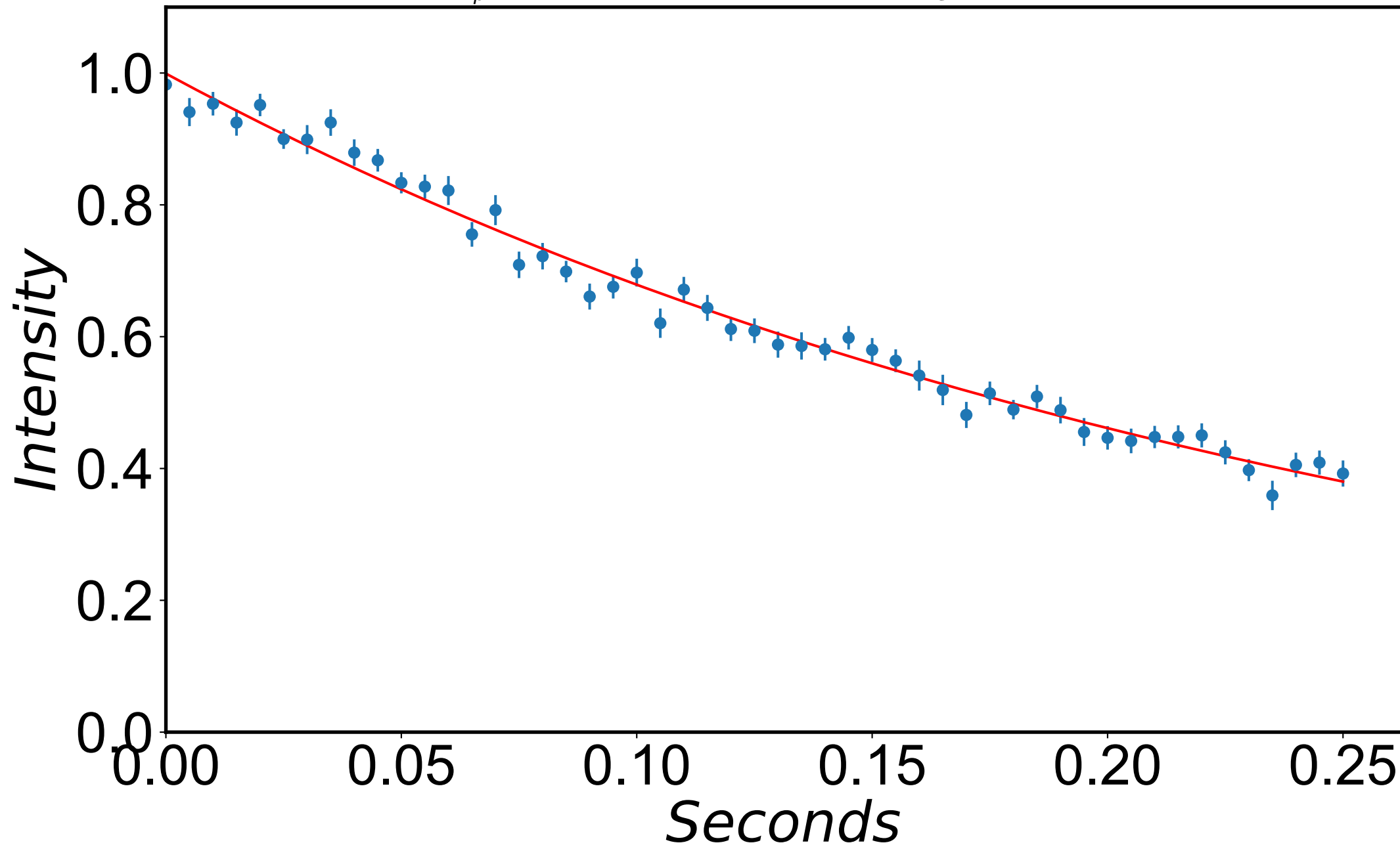
$$R_{1\rho} = 2.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 100 \text{ Hz} \quad \Omega_{\text{eff}} = 1000 \text{ Hz}$$



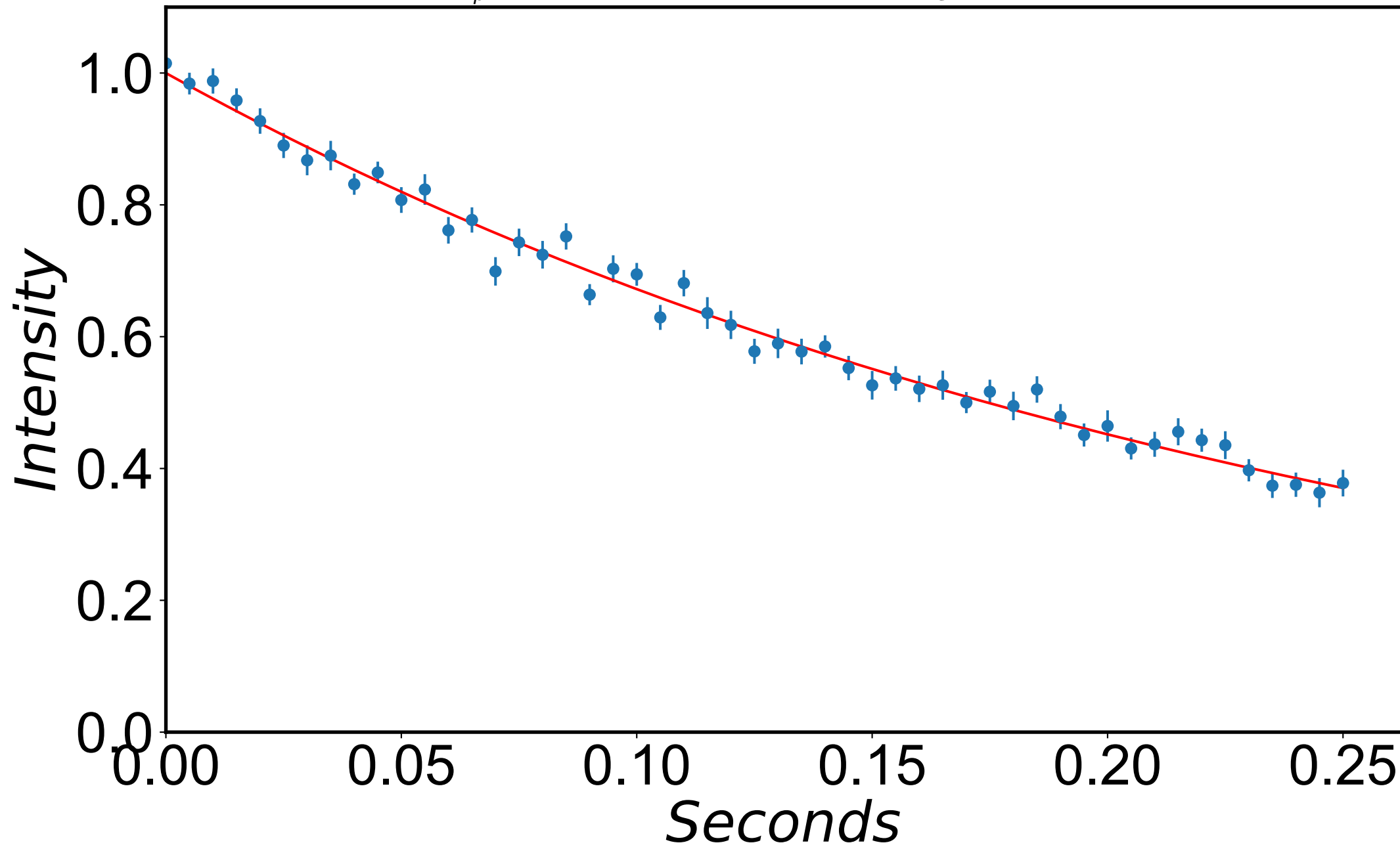
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -1000 \text{ Hz}$$



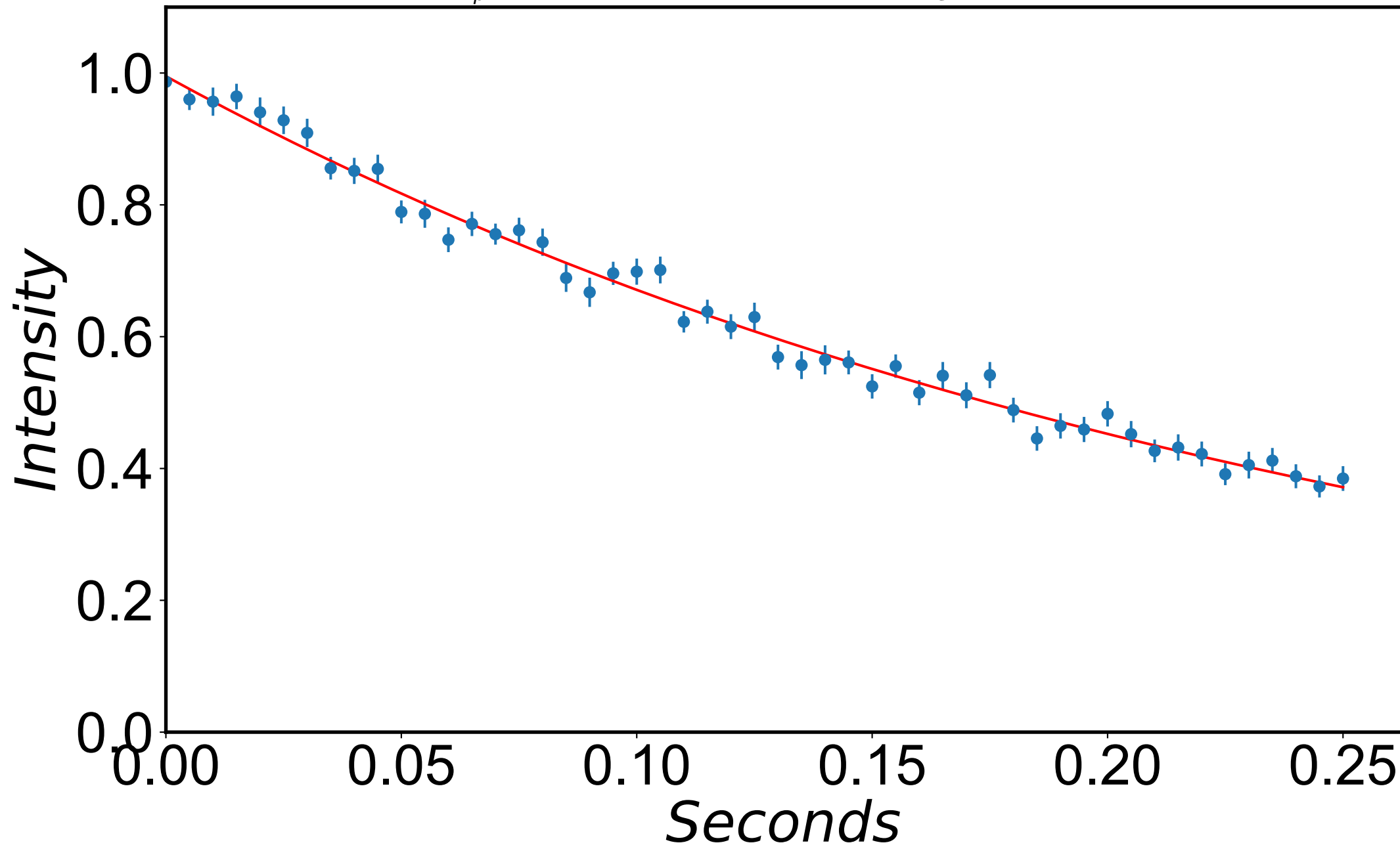
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -990 \text{ Hz}$$



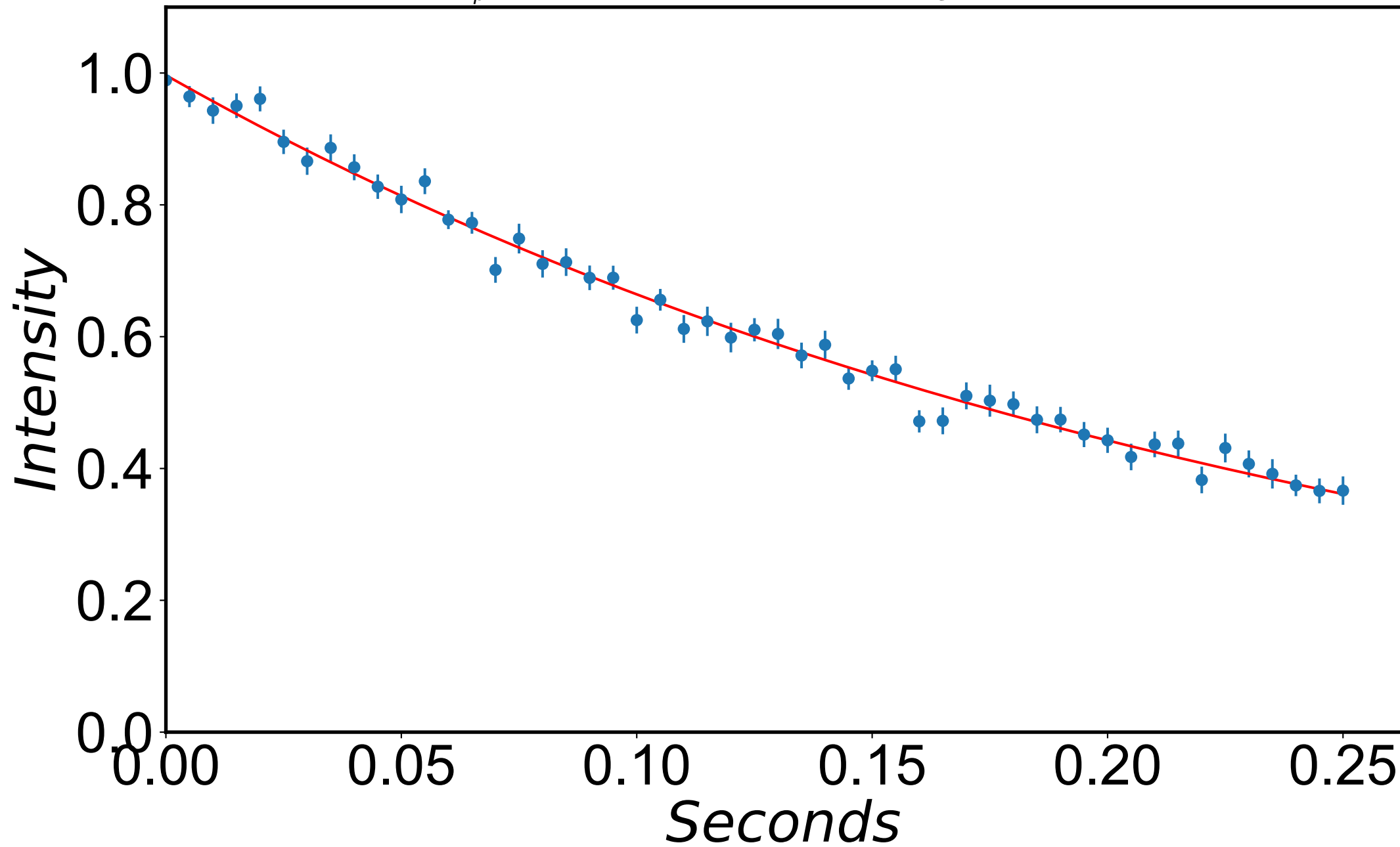
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -980 \text{ Hz}$$



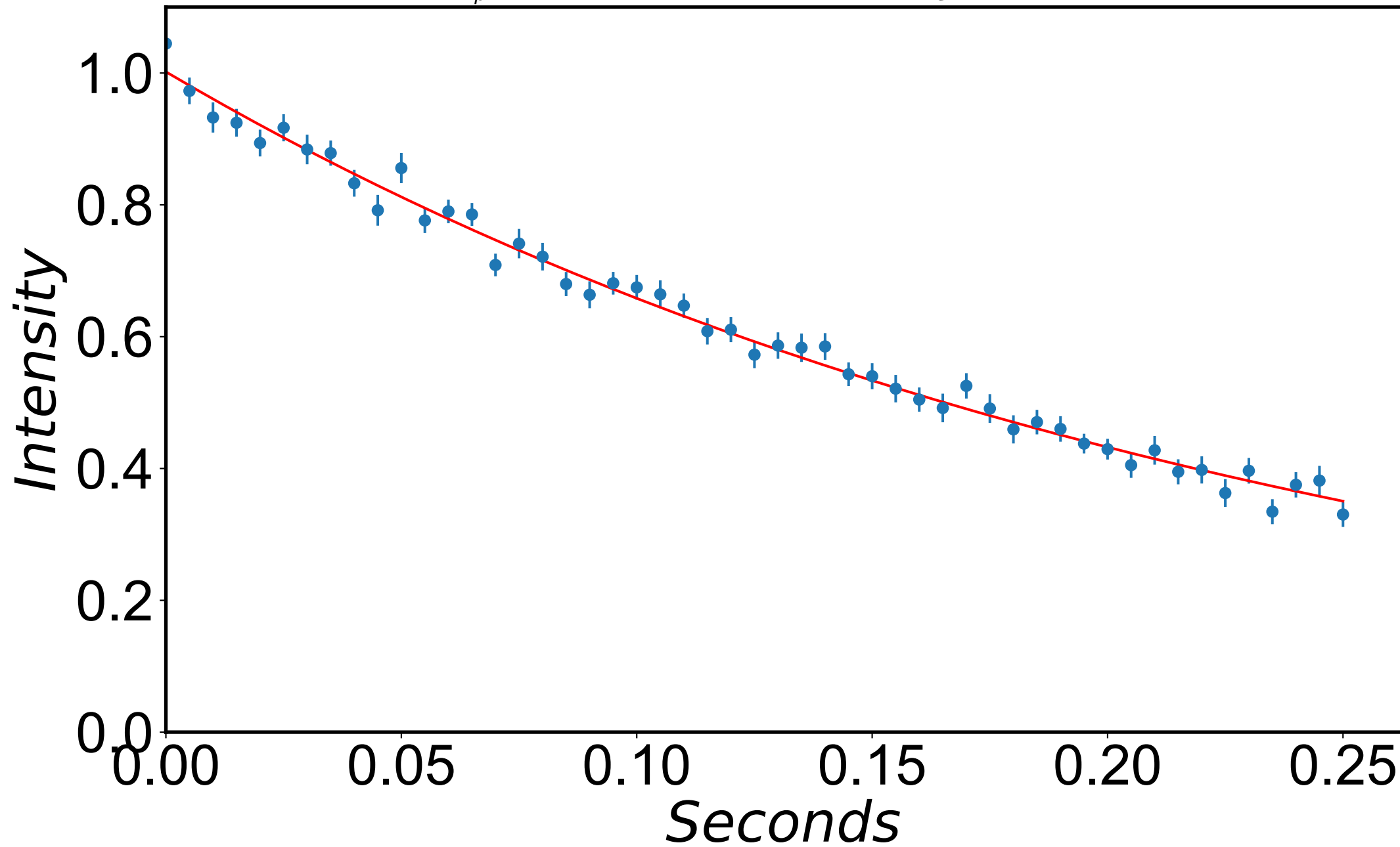
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -970 \text{ Hz}$$



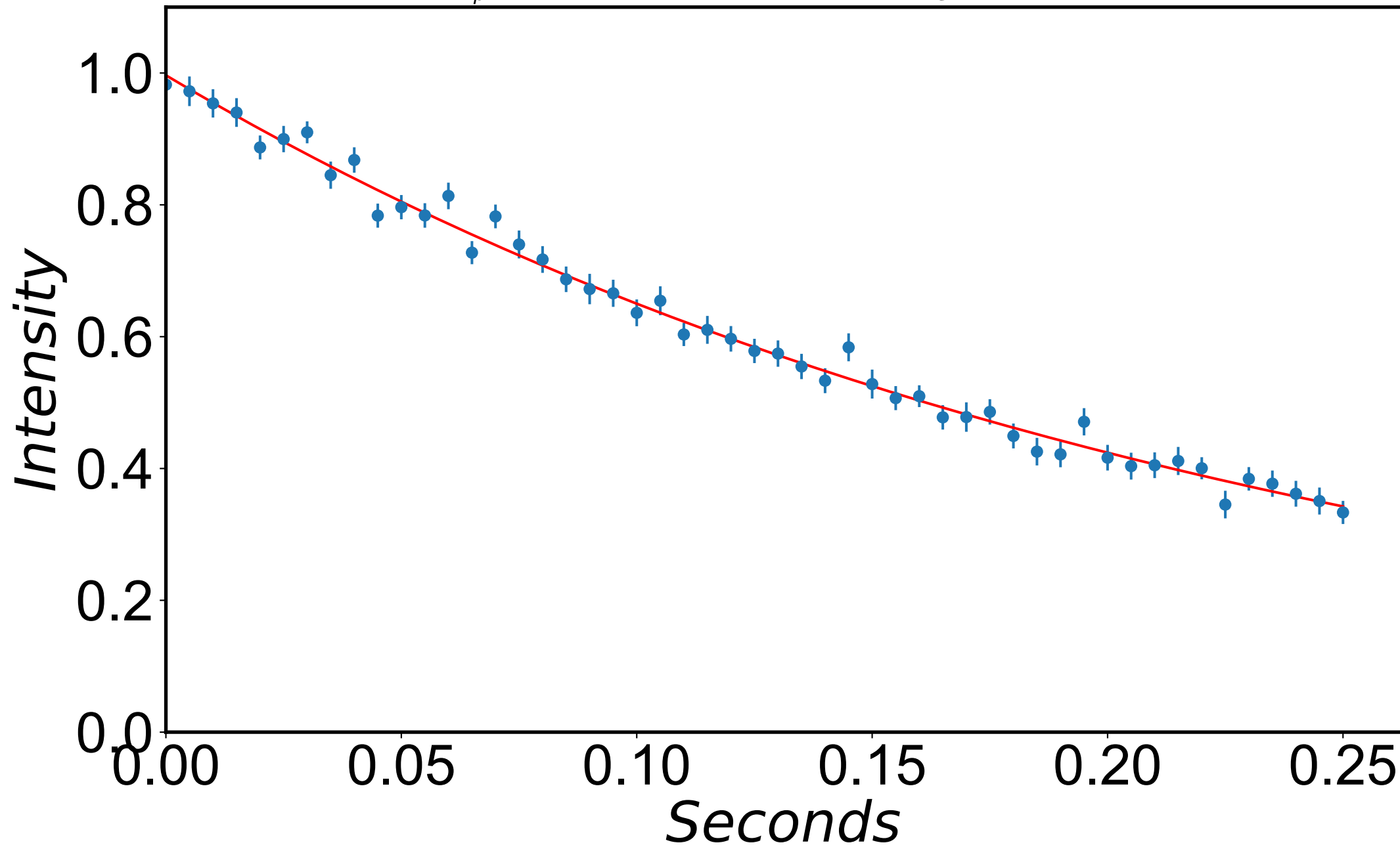
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -960 \text{ Hz}$$



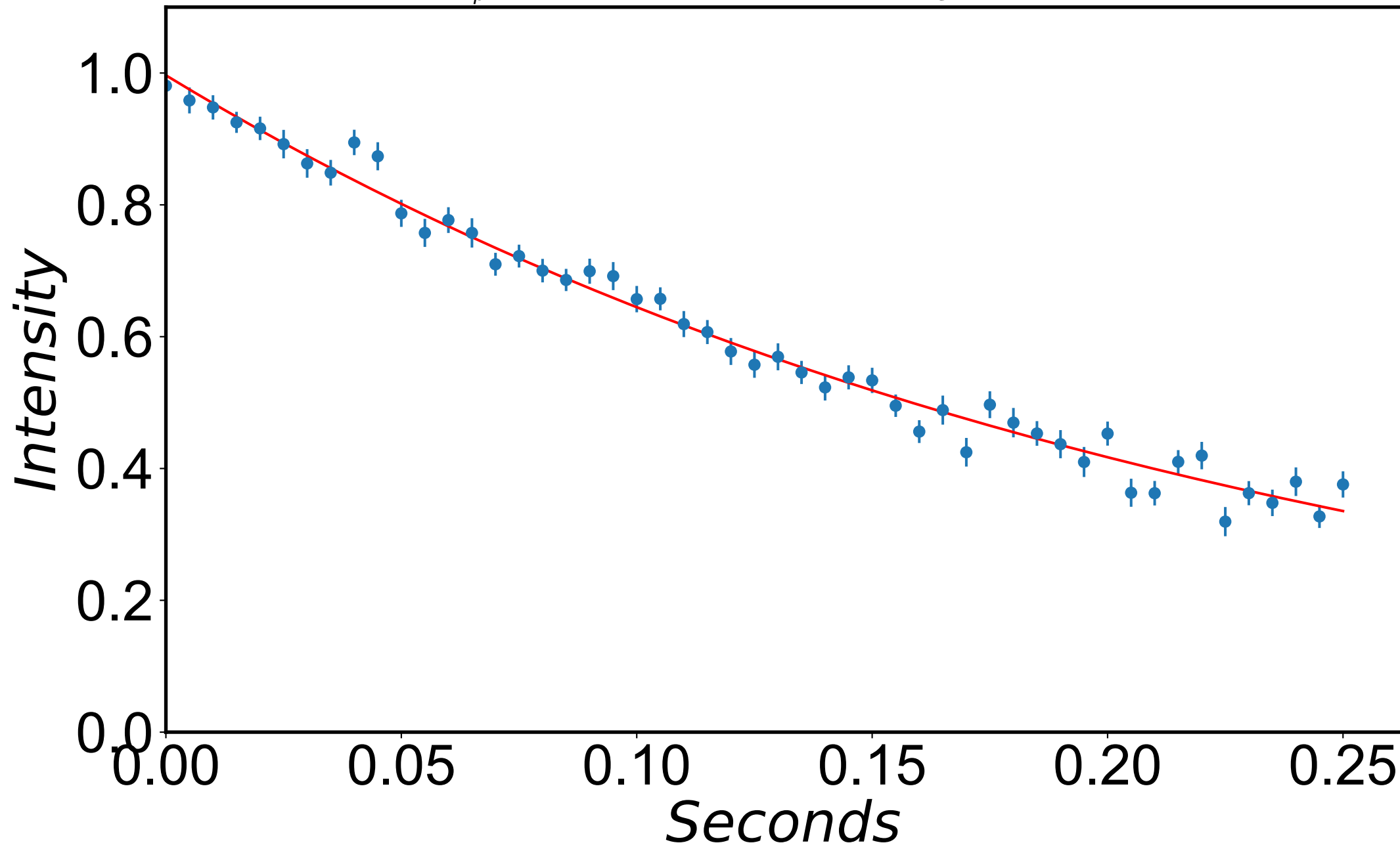
$$R_{1\rho} = 4.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -950 \text{ Hz}$$



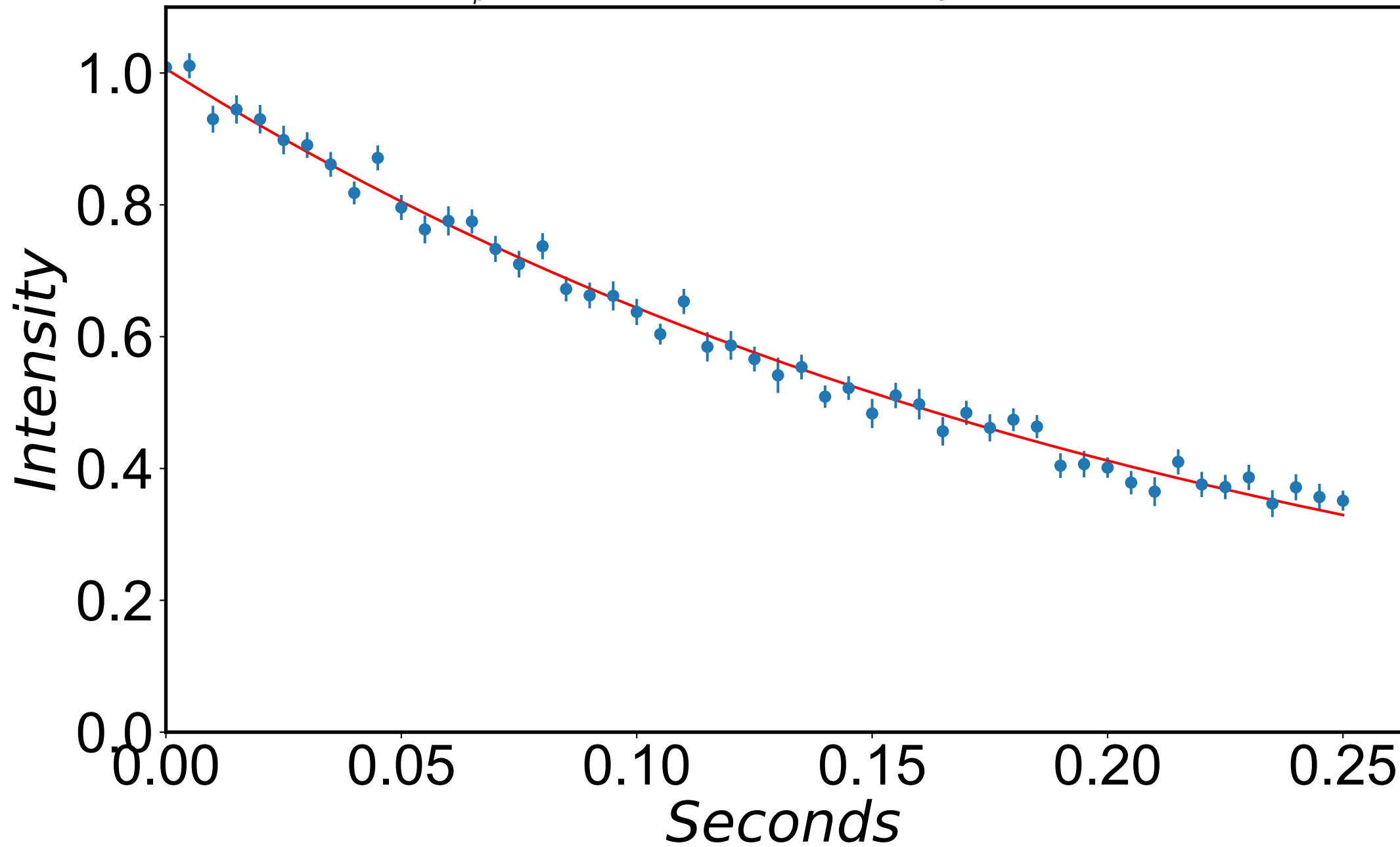
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -940 \text{ Hz}$$



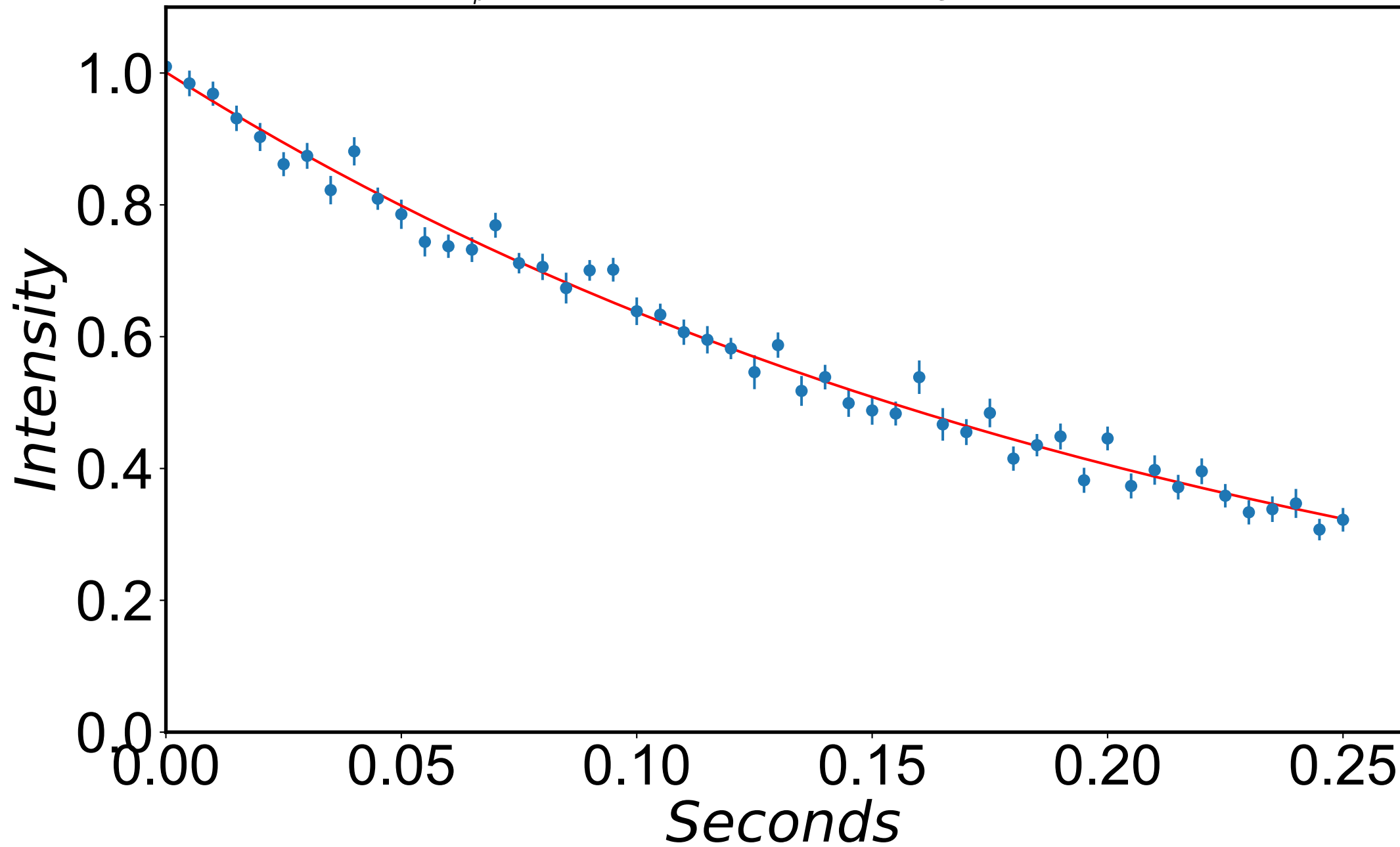
$$R_{1\rho} = 4.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -930 \text{ Hz}$$



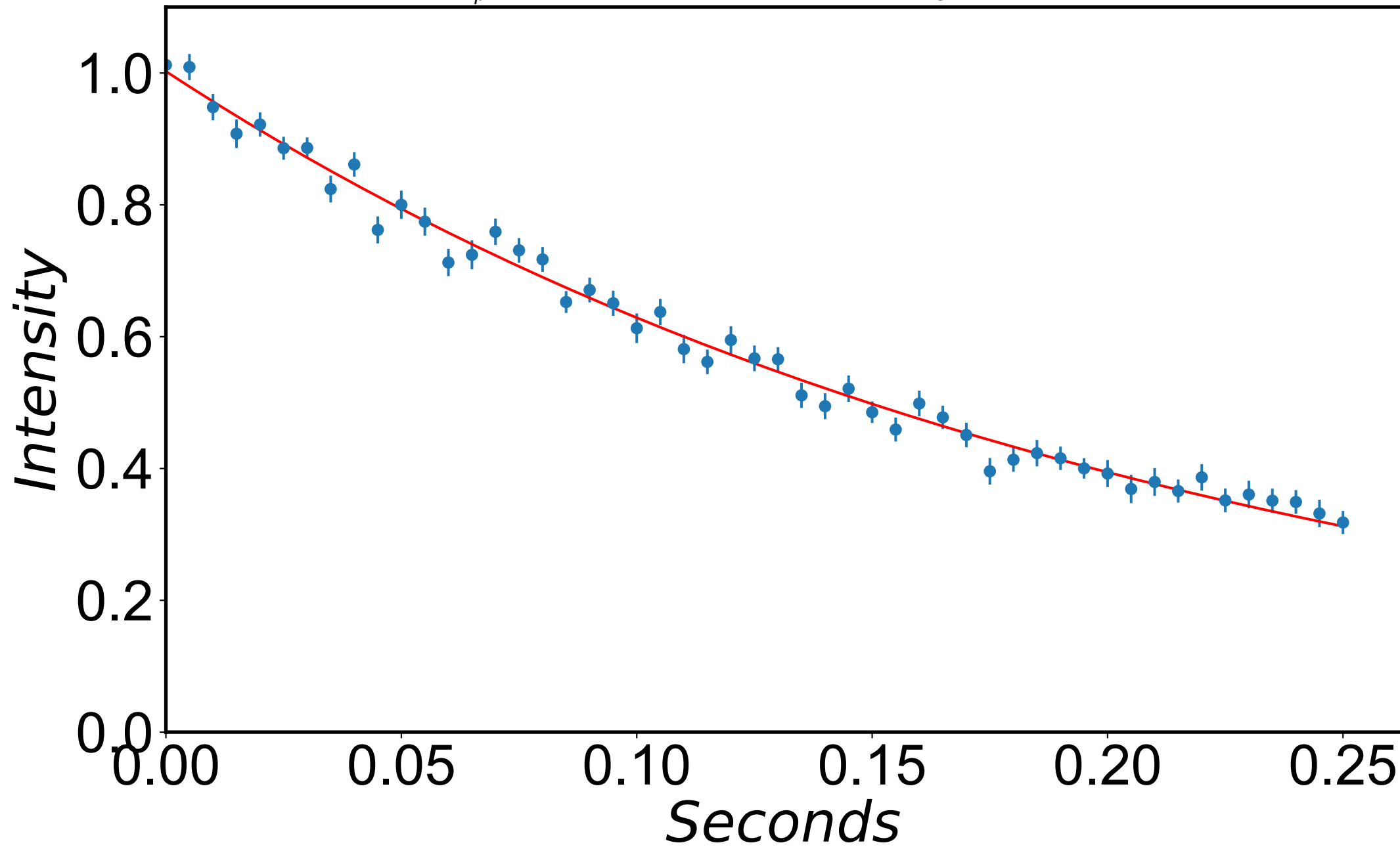
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -920 \text{ Hz}$$



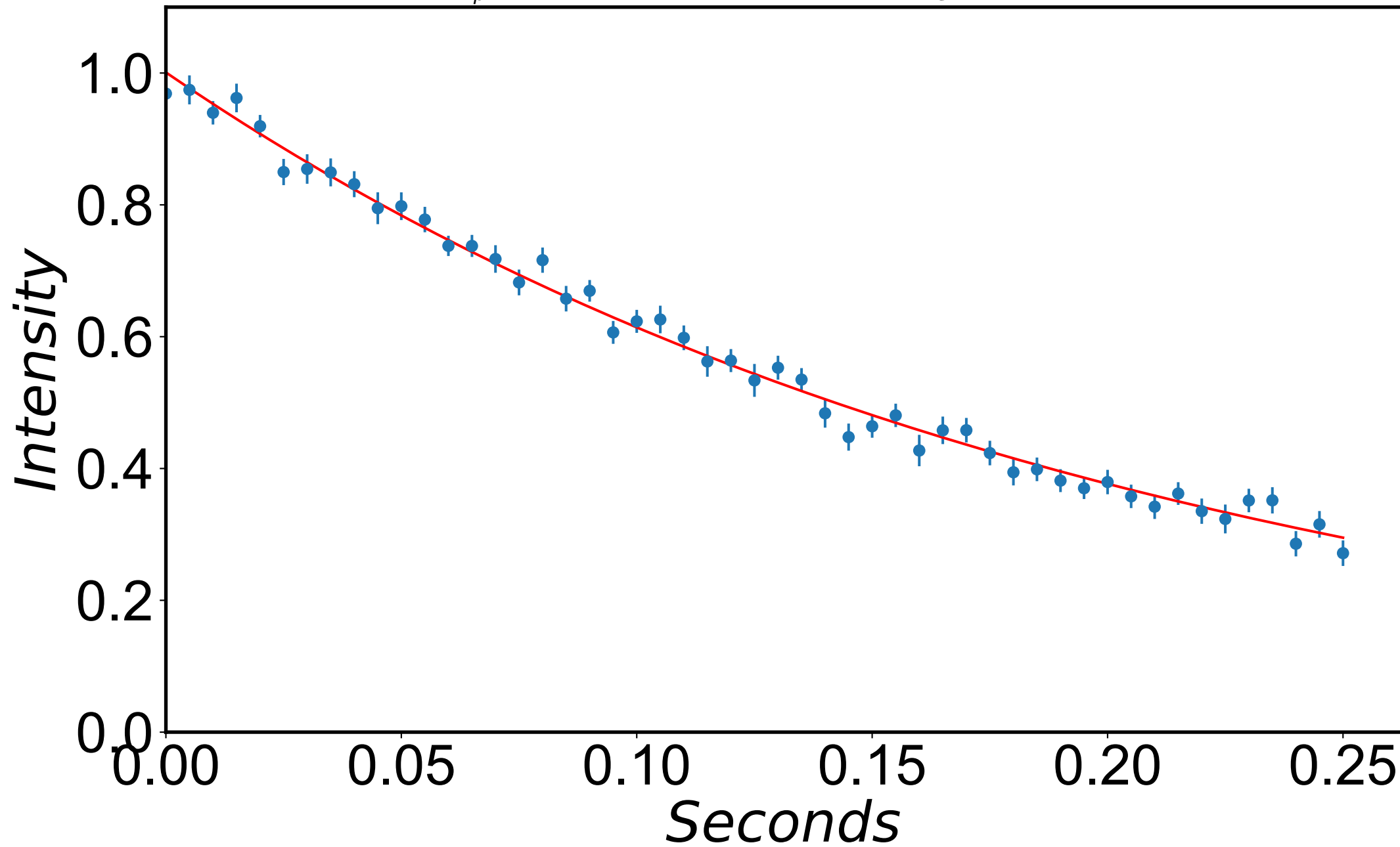
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -910 \text{ Hz}$$



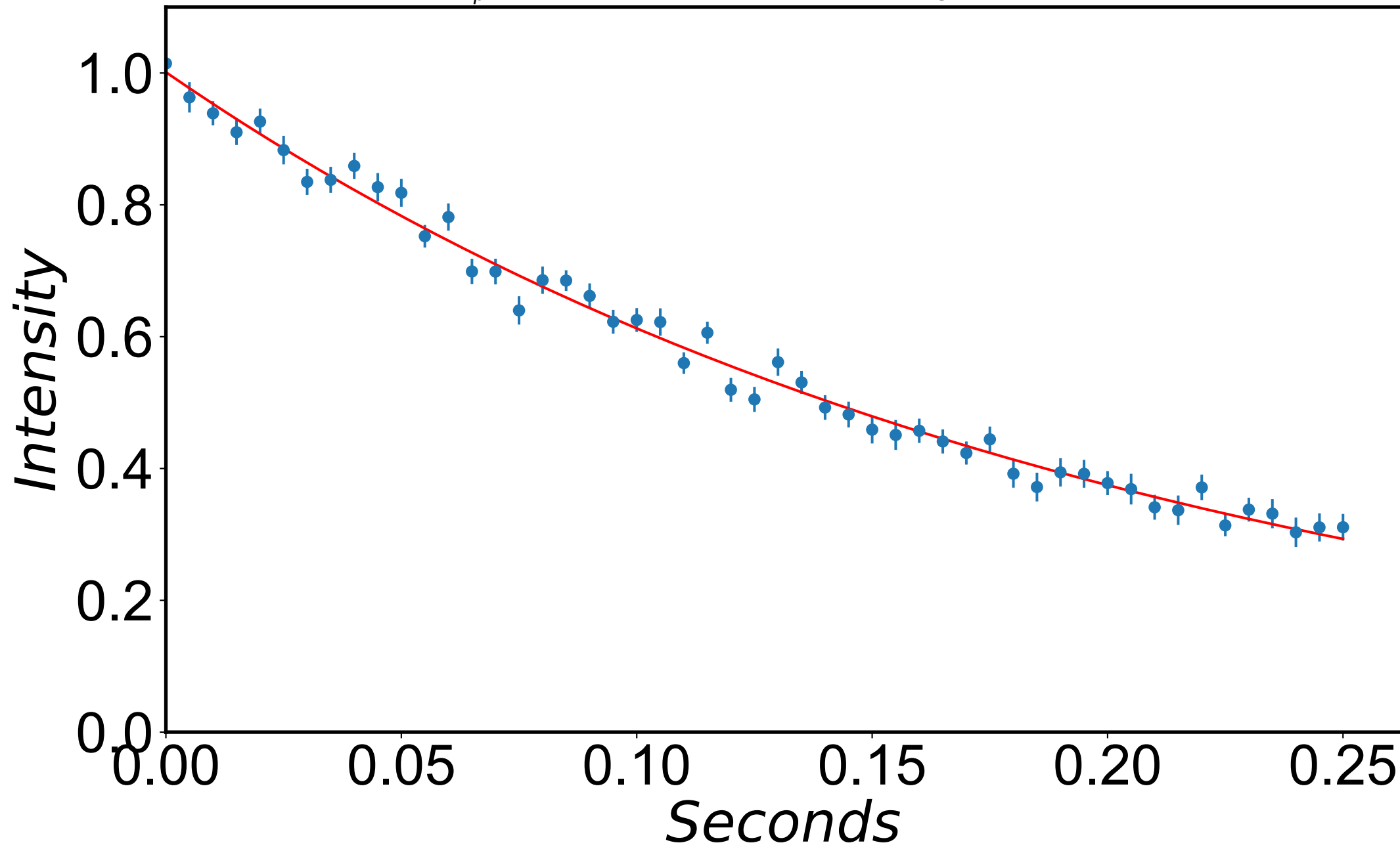
$$R_{1\rho} = 4.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -899 \text{ Hz}$$



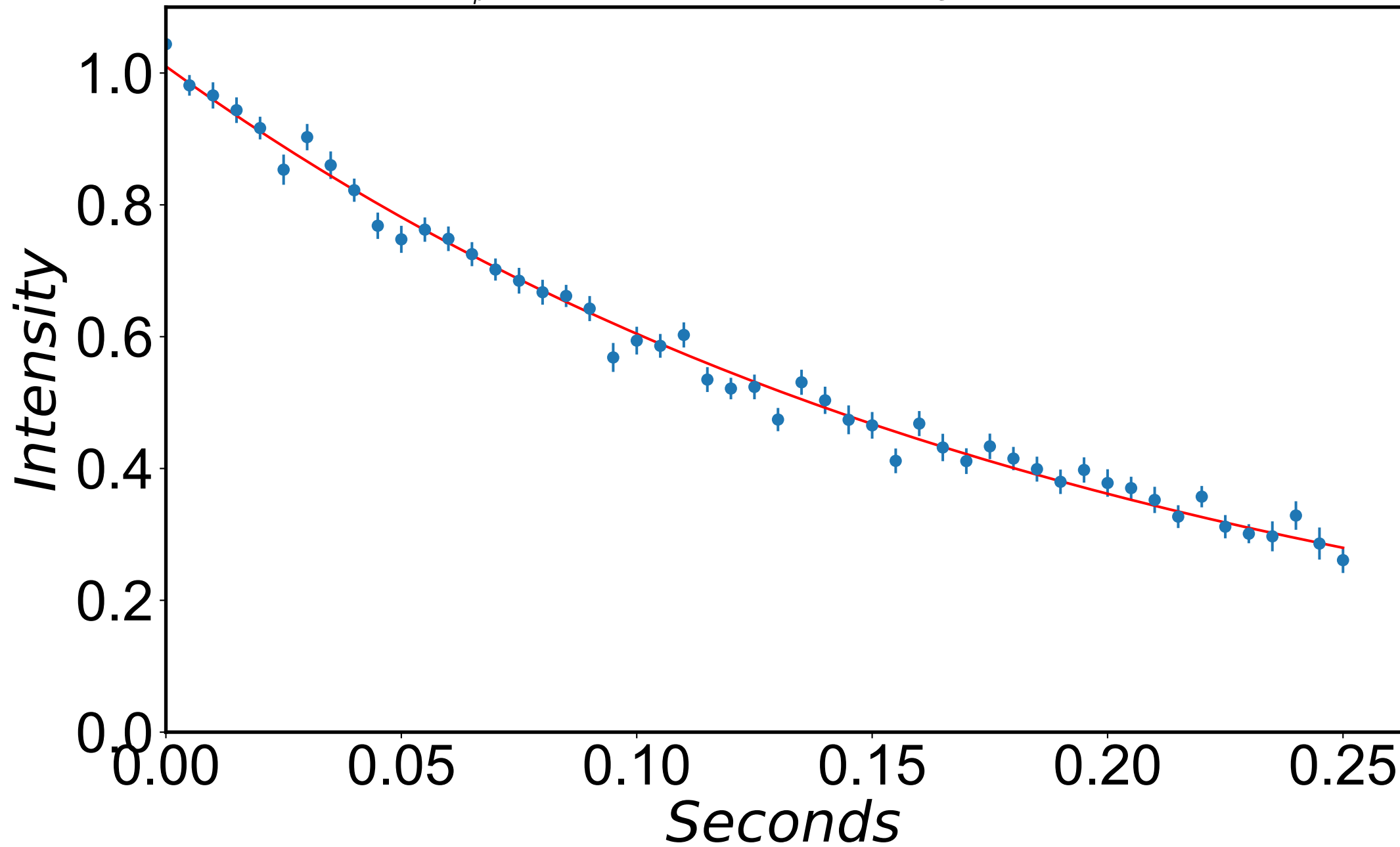
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -889 \text{ Hz}$$



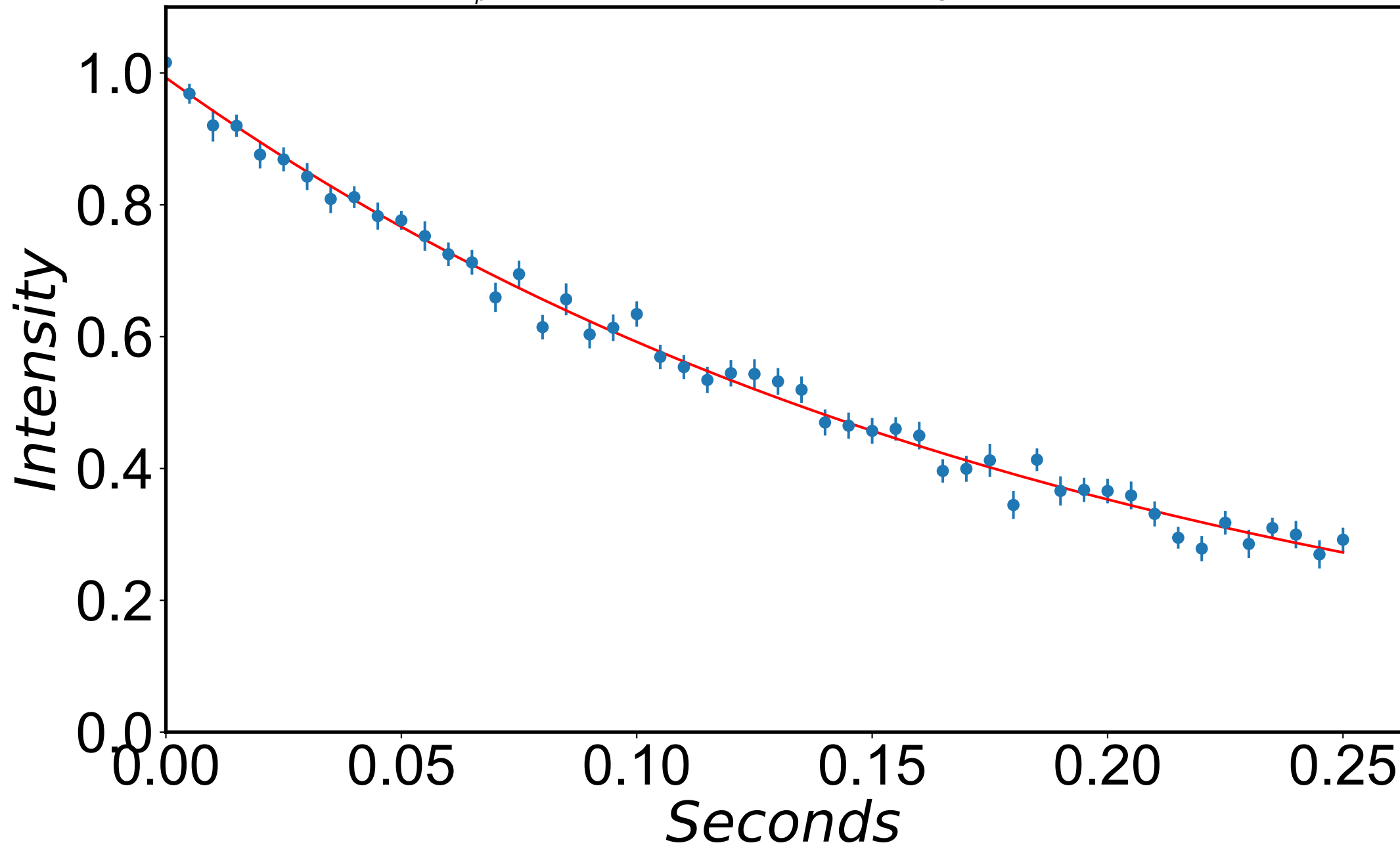
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -879 \text{ Hz}$$



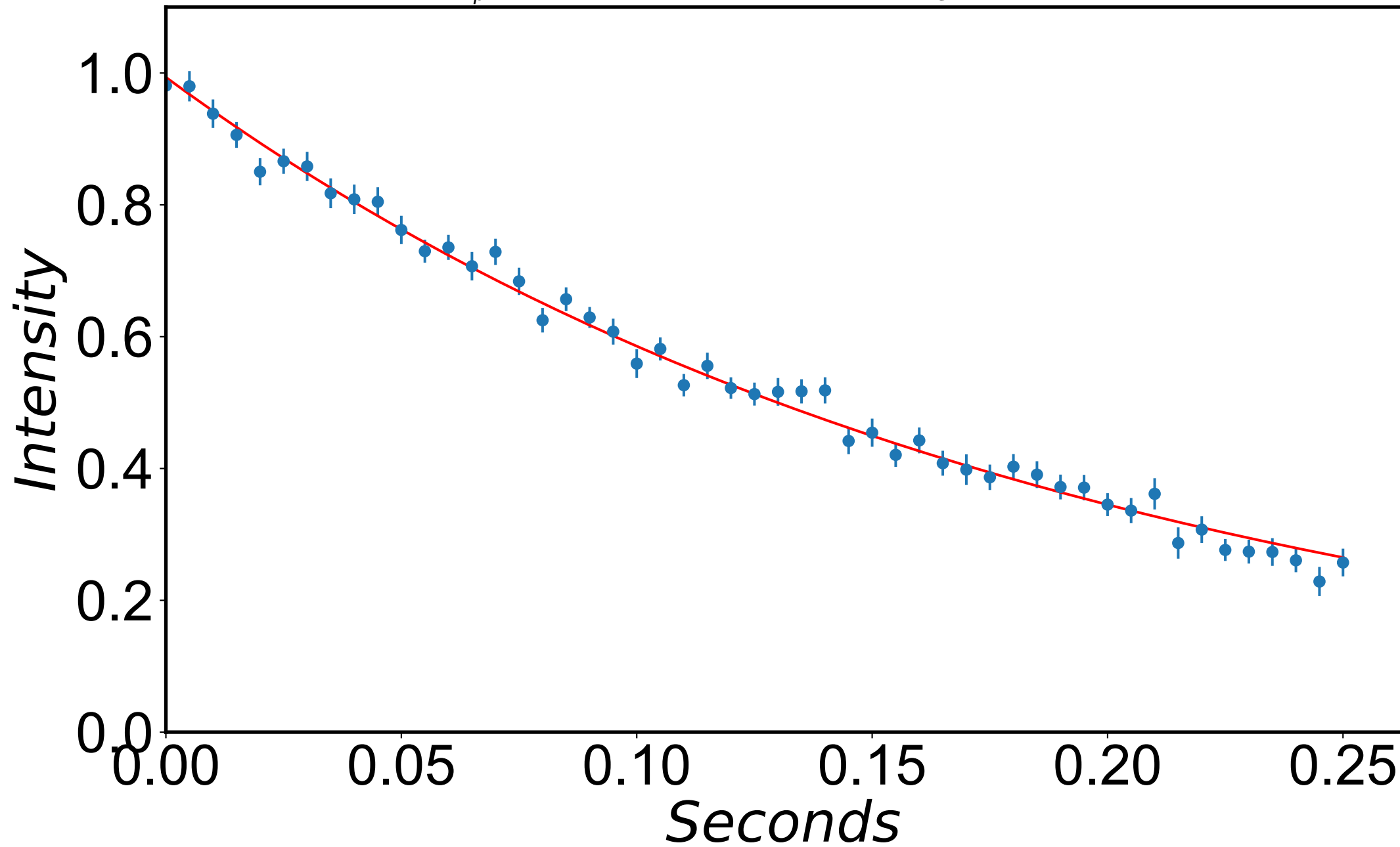
$$R_{1\rho} = 5.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -869 \text{ Hz}$$



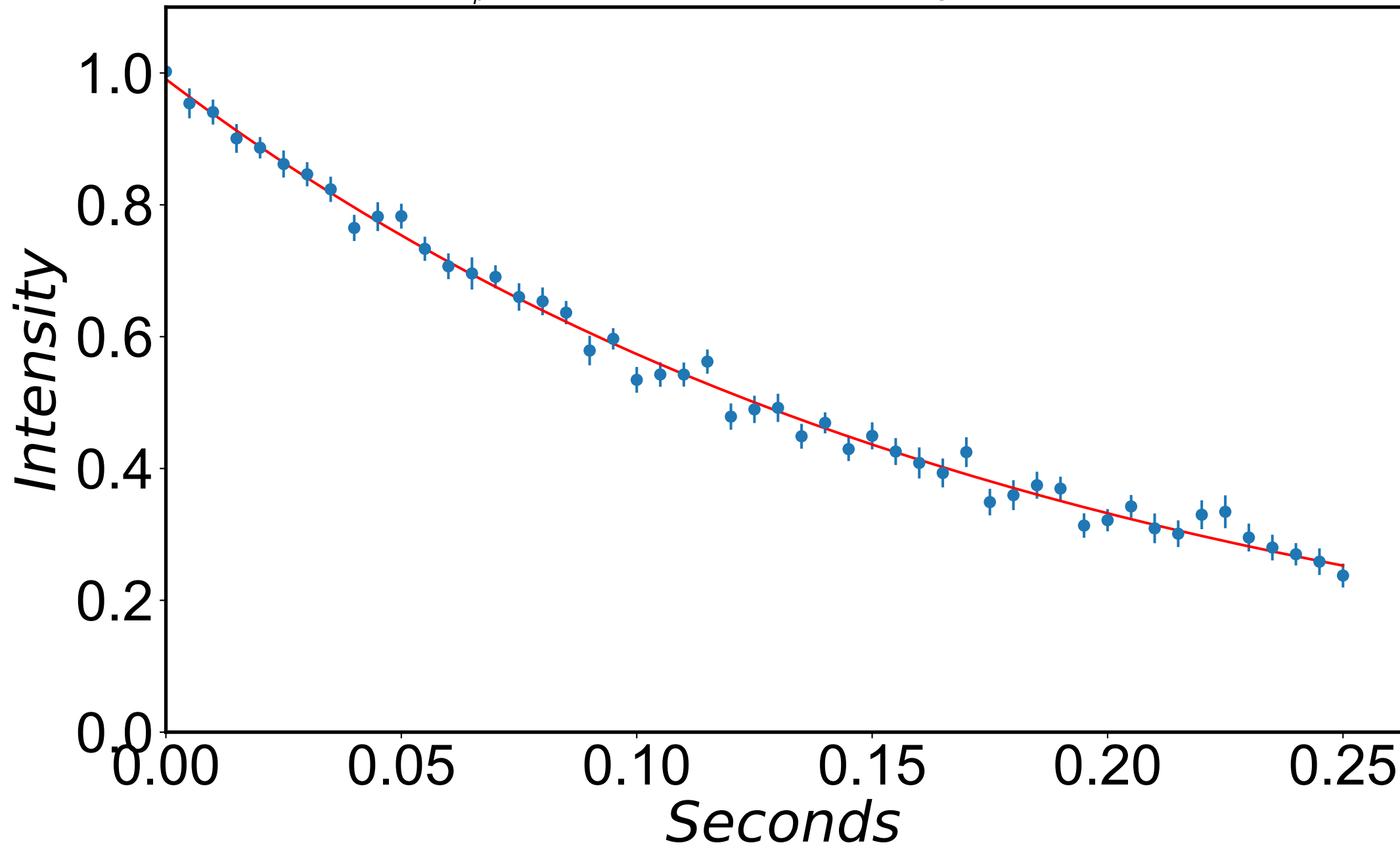
$$R_{1\rho} = 5.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -859 \text{ Hz}$$



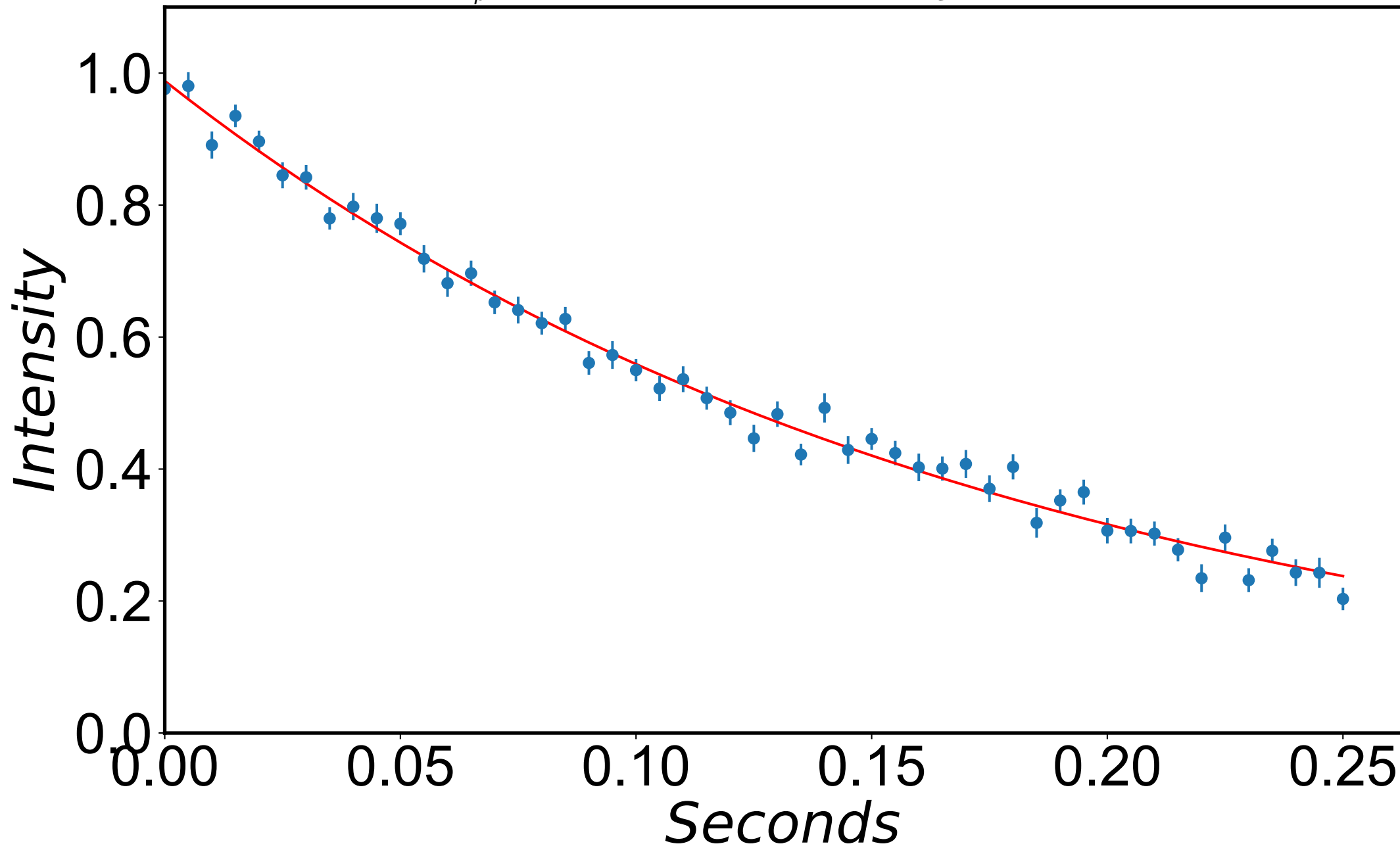
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -849 \text{ Hz}$$



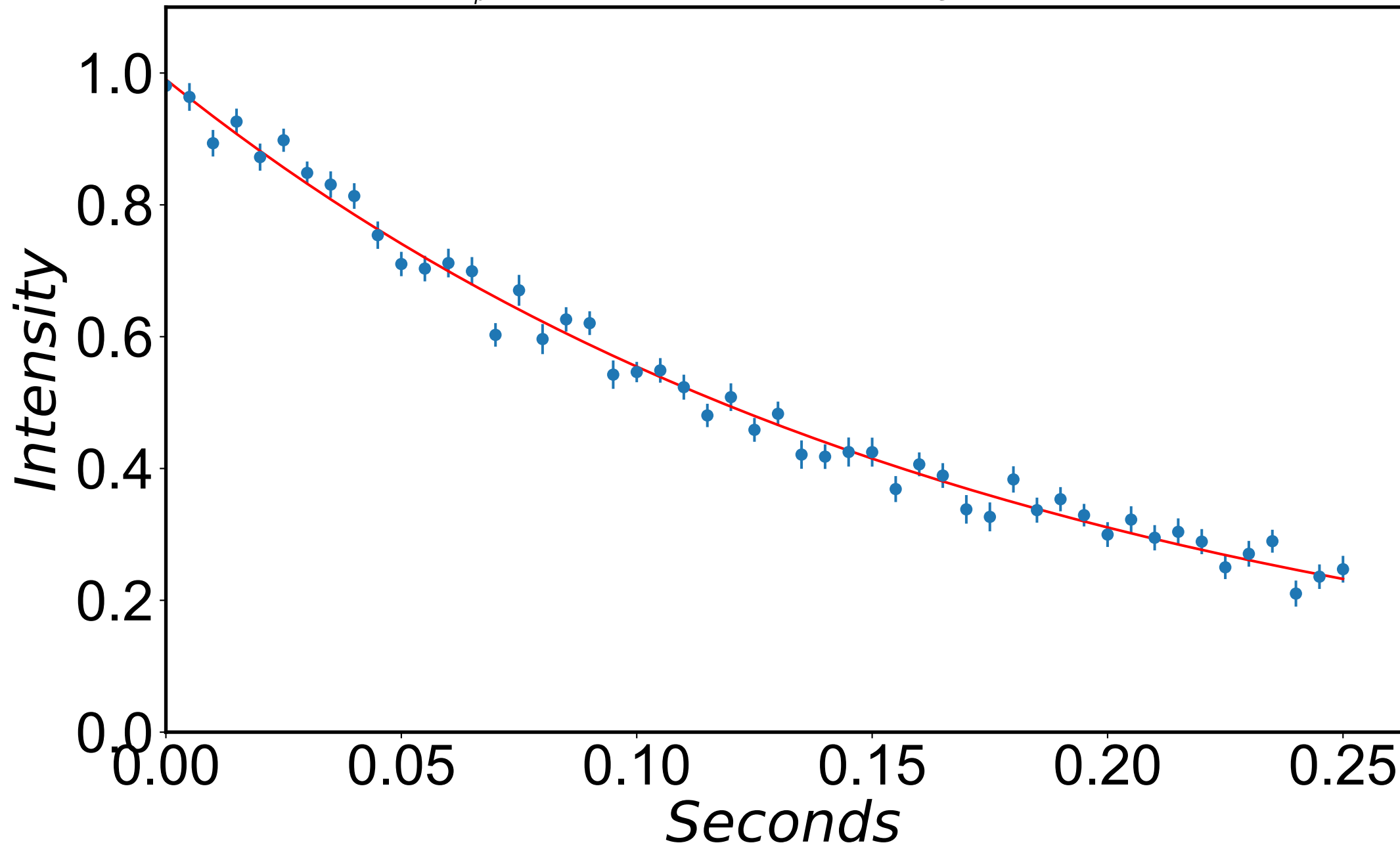
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -839 \text{ Hz}$$



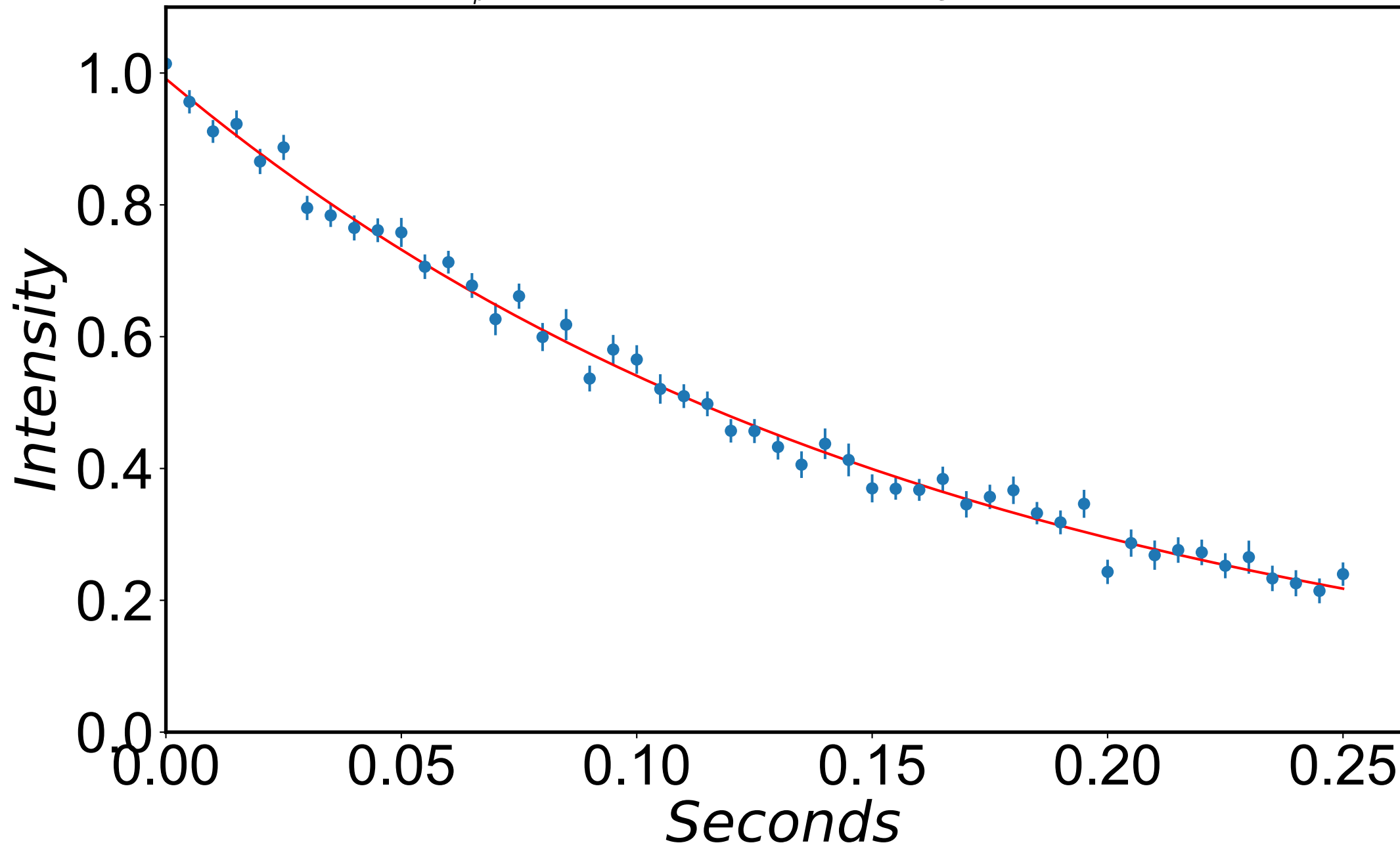
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -829 \text{ Hz}$$



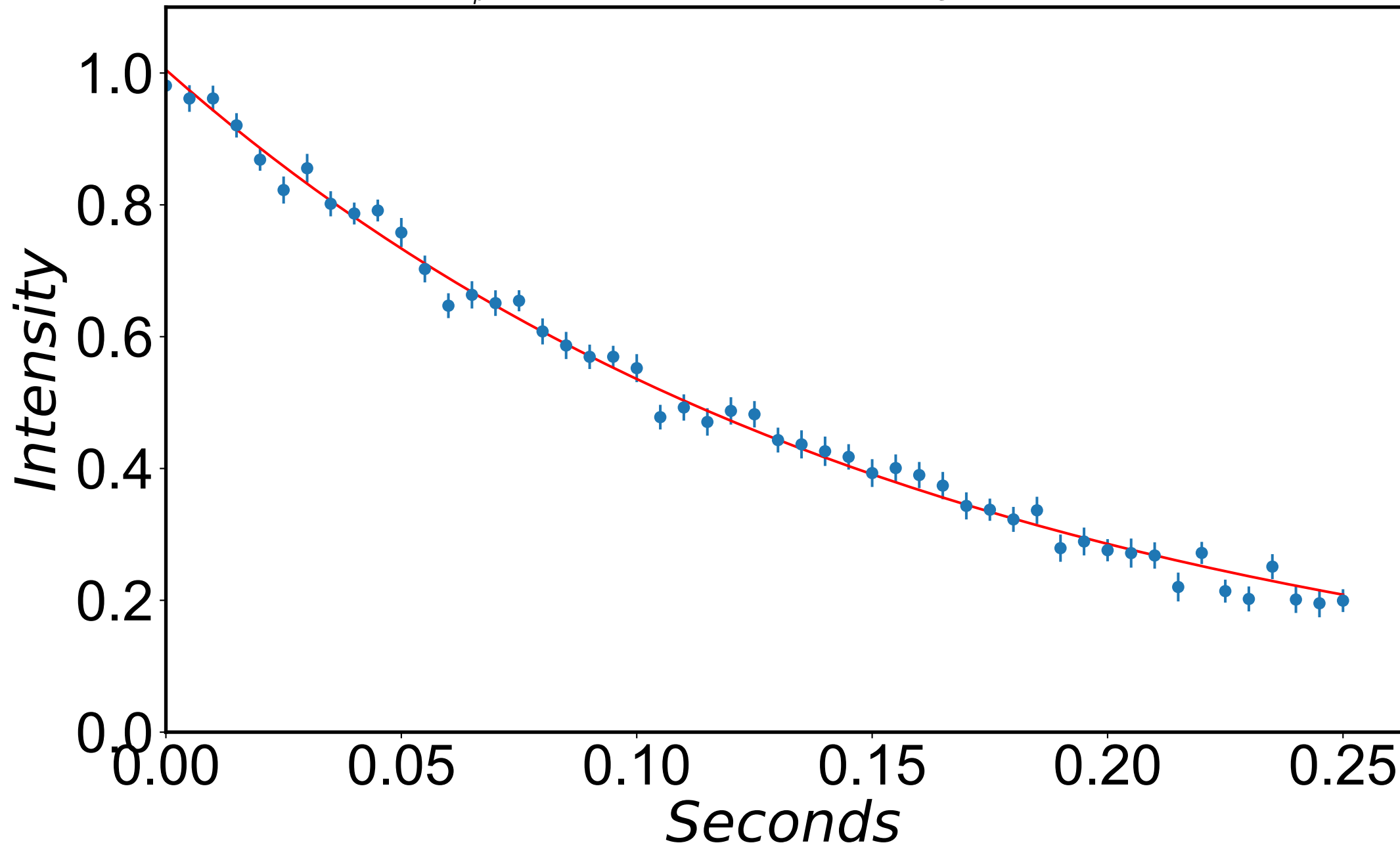
$$R_{1\rho} = 5.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -819 \text{ Hz}$$



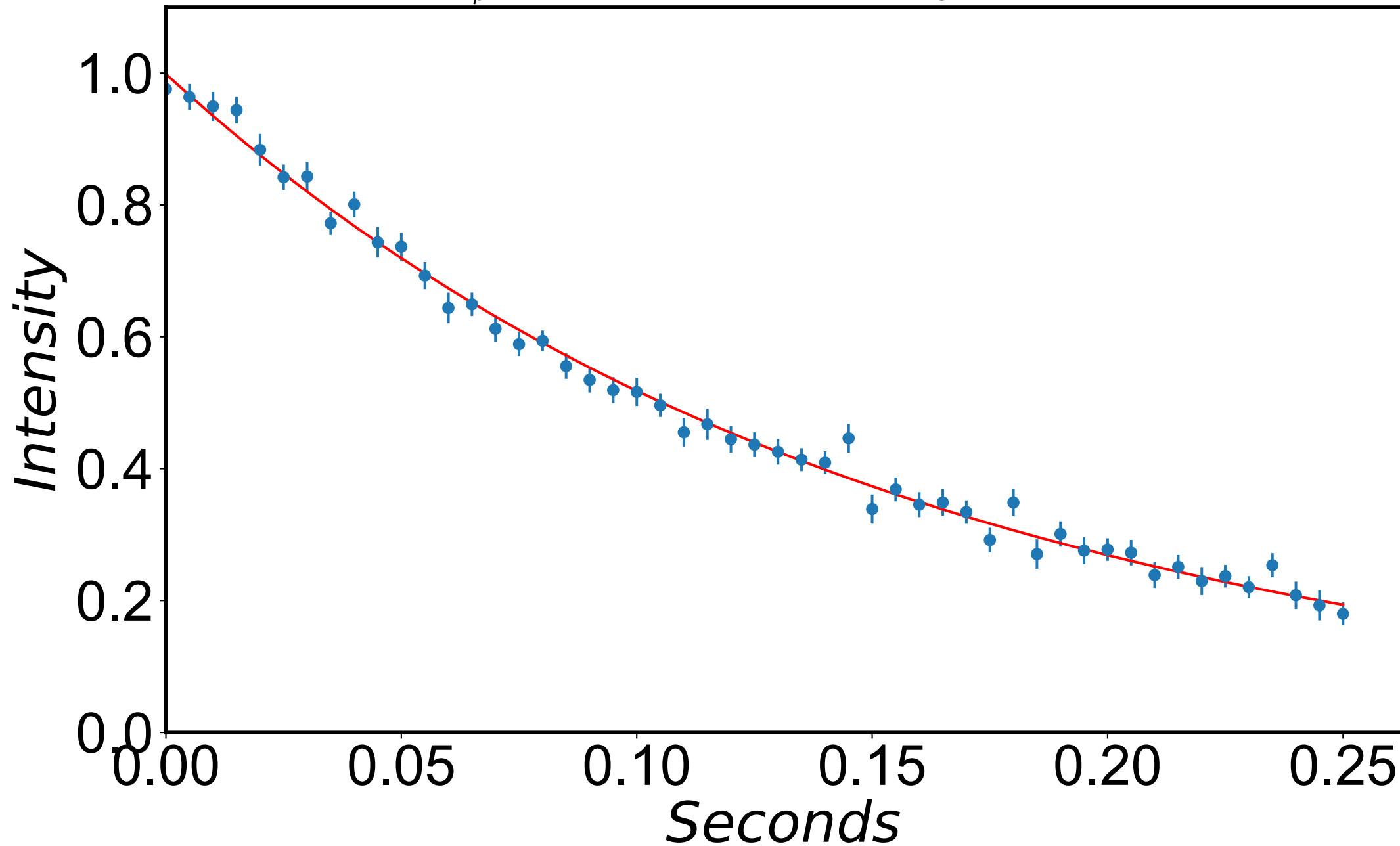
$$R_{1\rho} = 6.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -809 \text{ Hz}$$



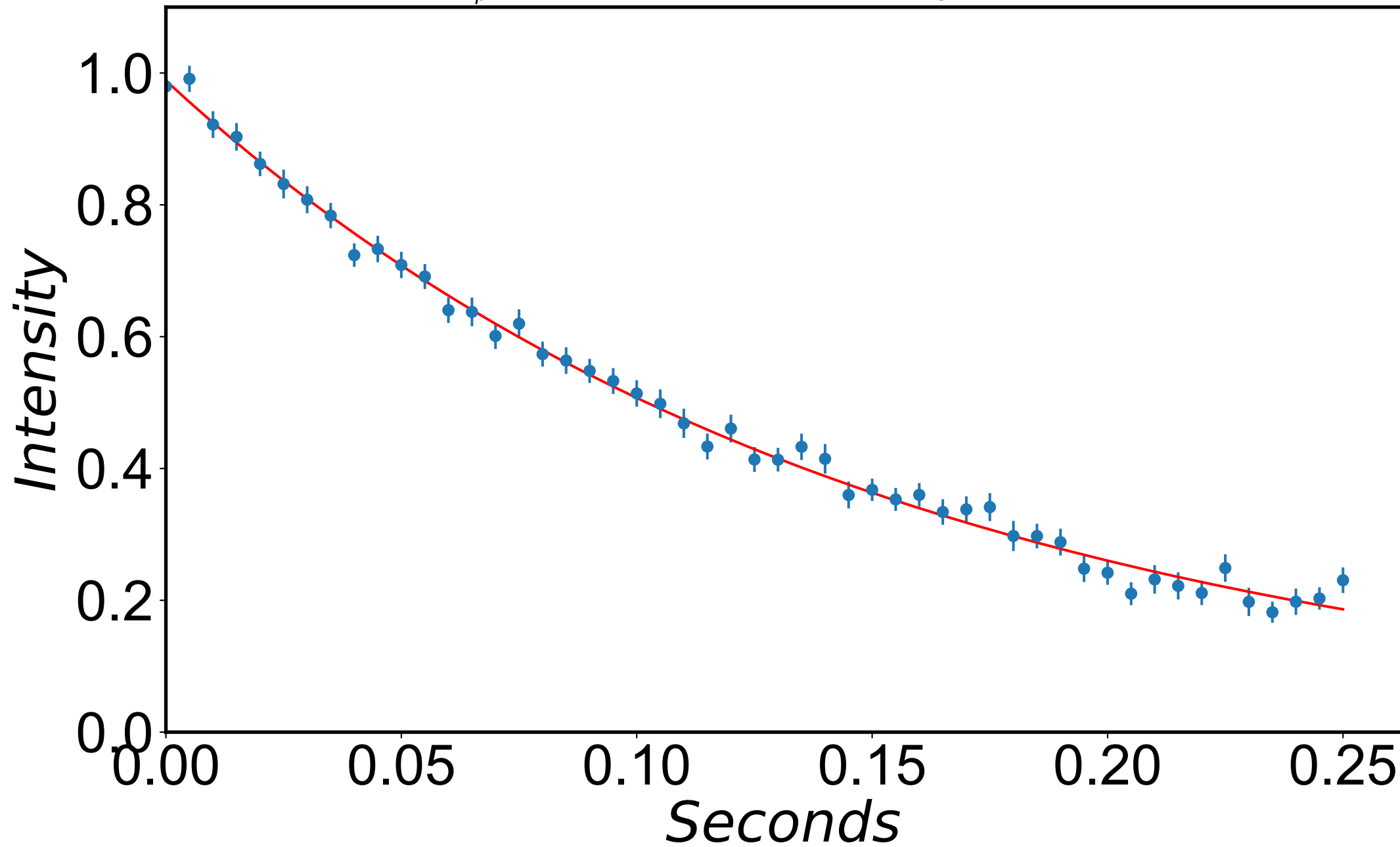
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -799 \text{ Hz}$$



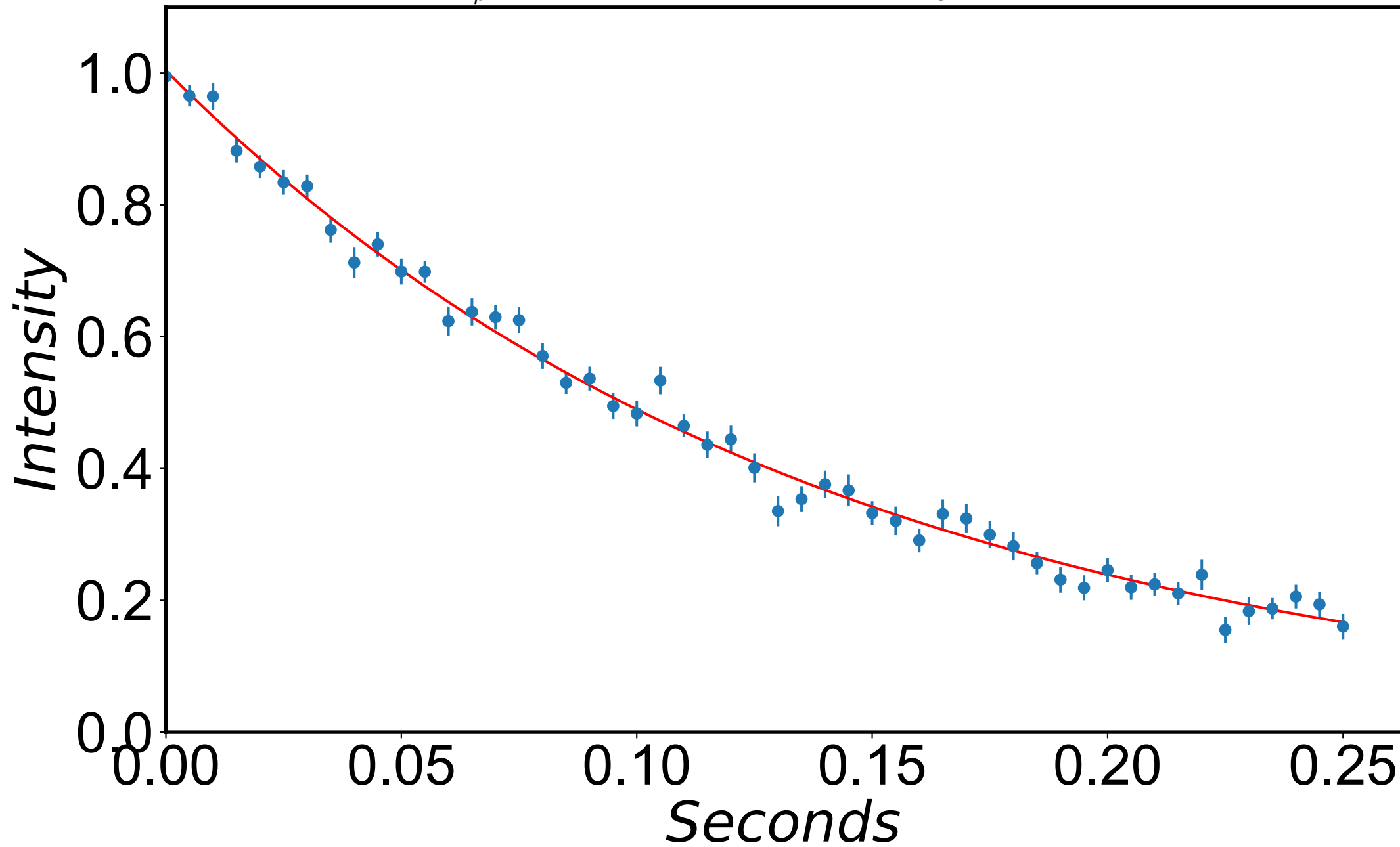
$$R_{1\rho} = 6.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -789 \text{ Hz}$$



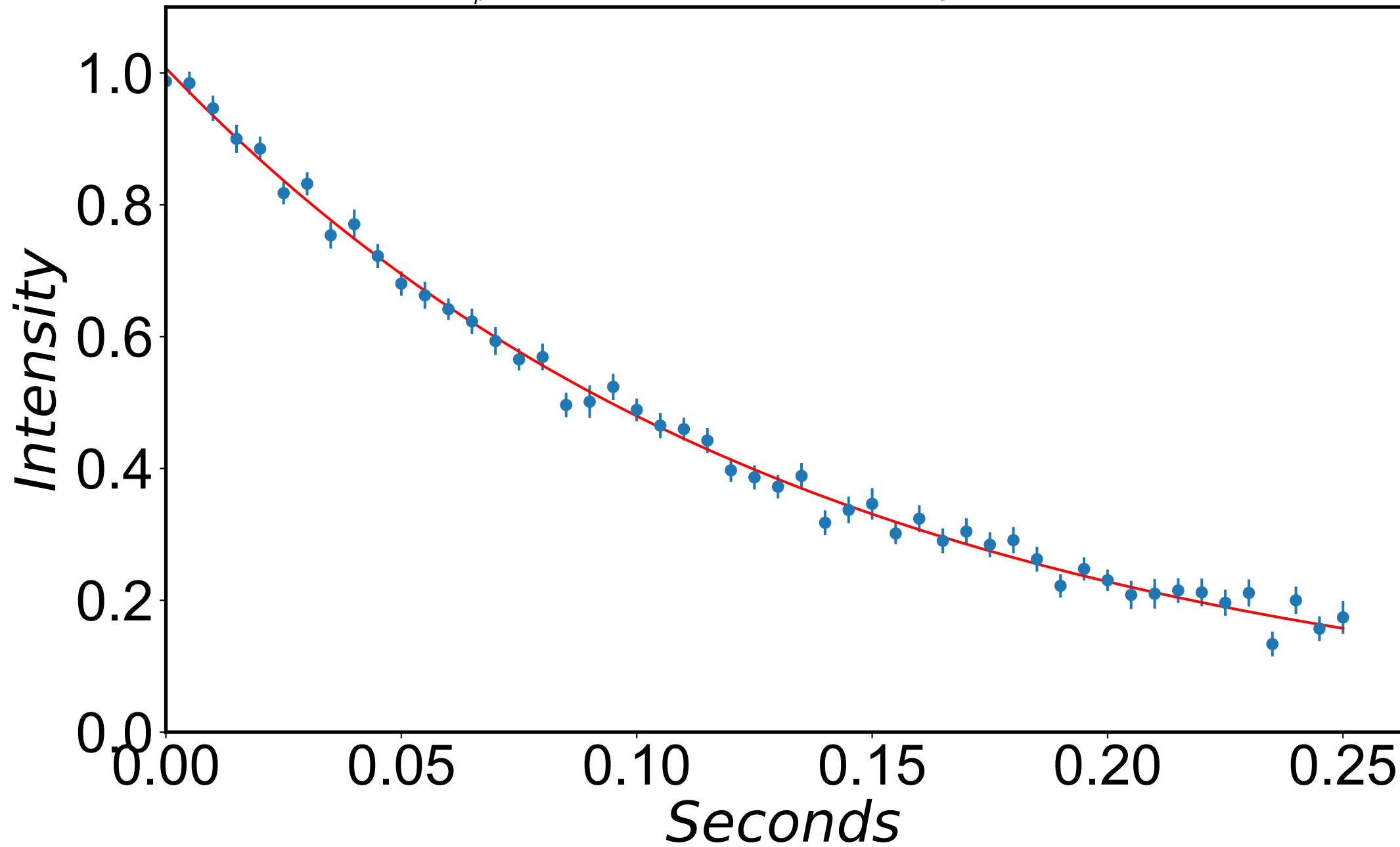
$$R_{1\rho} = 6.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -779 \text{ Hz}$$



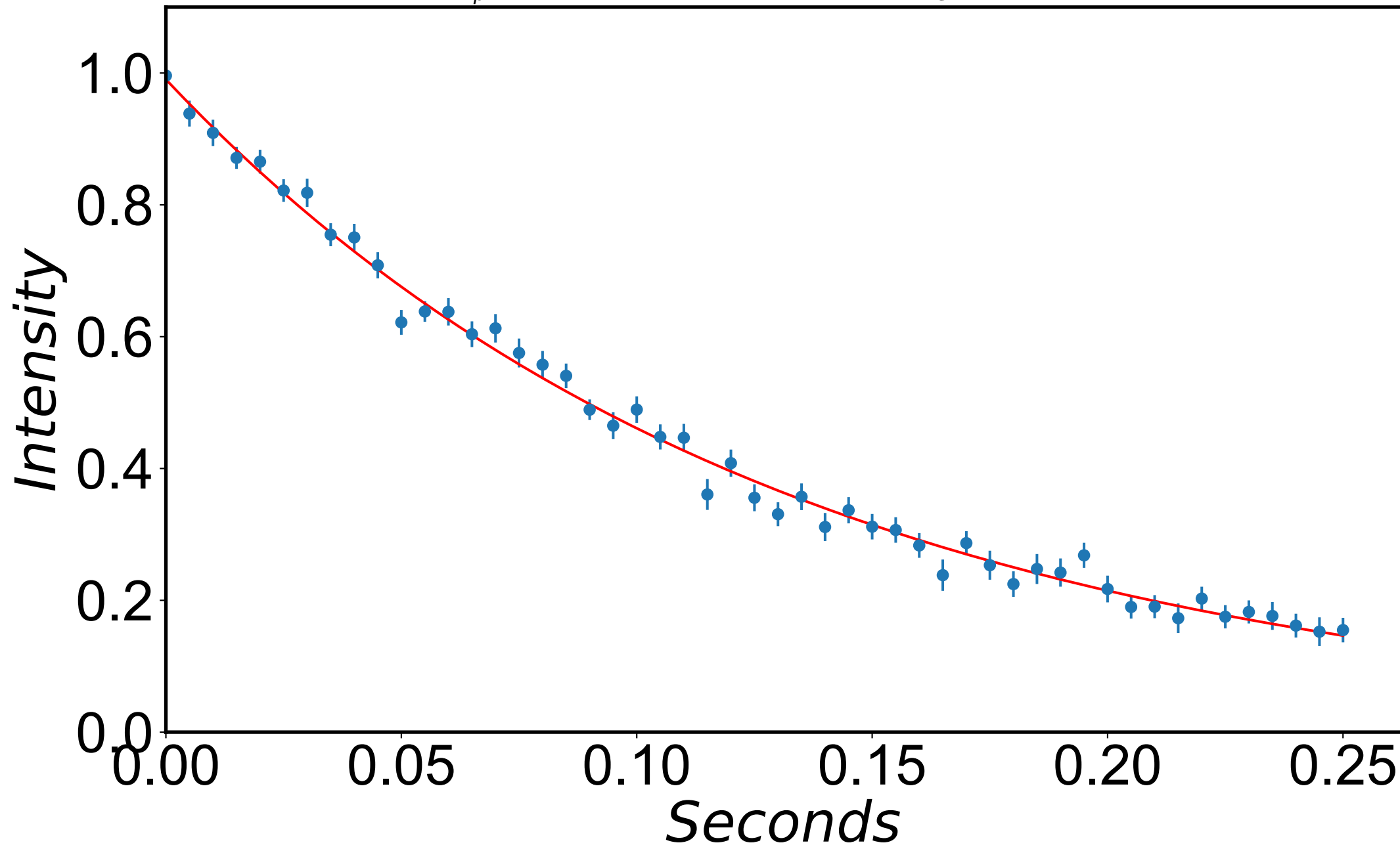
$$R_{1\rho} = 7.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -769 \text{ Hz}$$



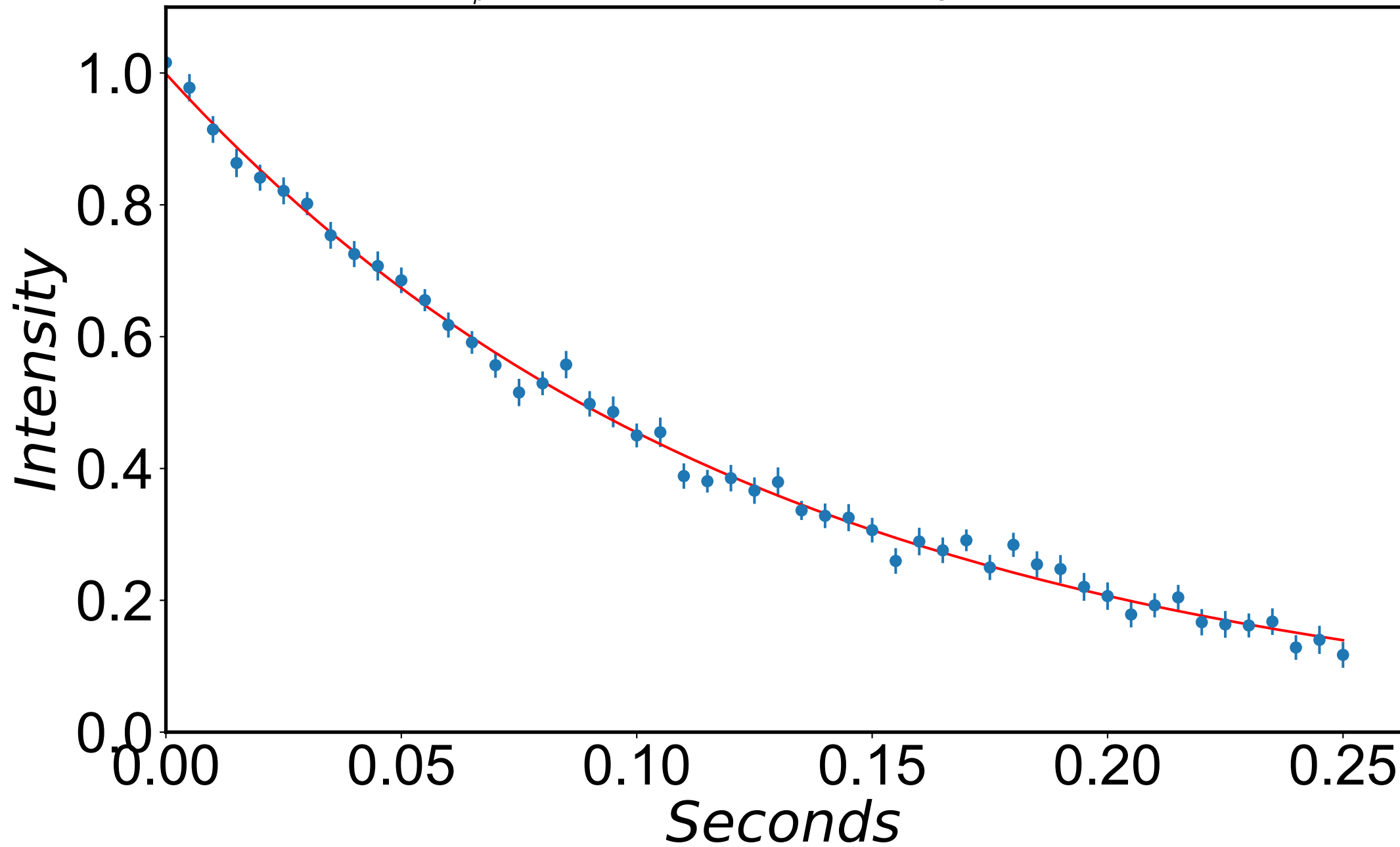
$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -759 \text{ Hz}$$



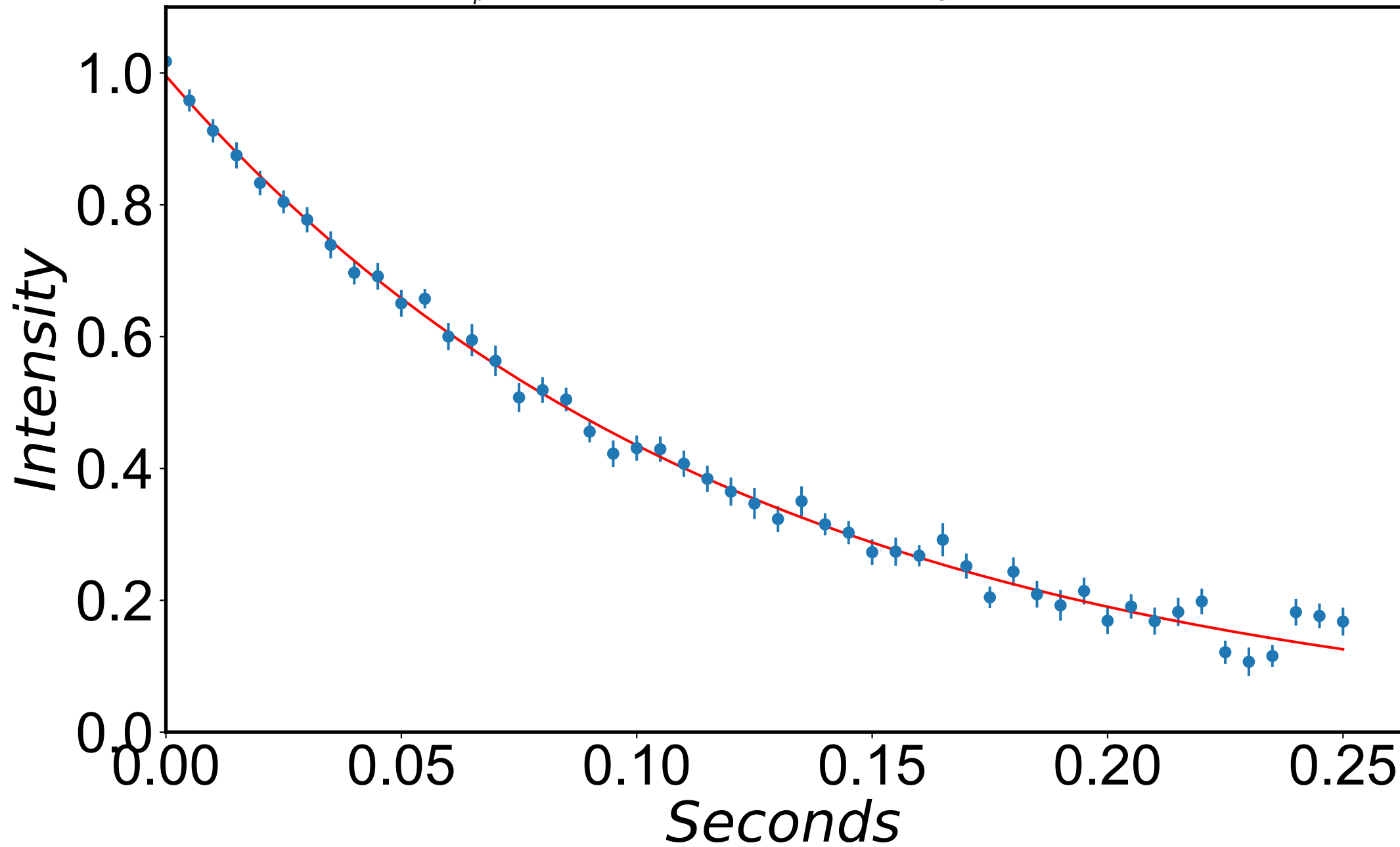
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -749 \text{ Hz}$$



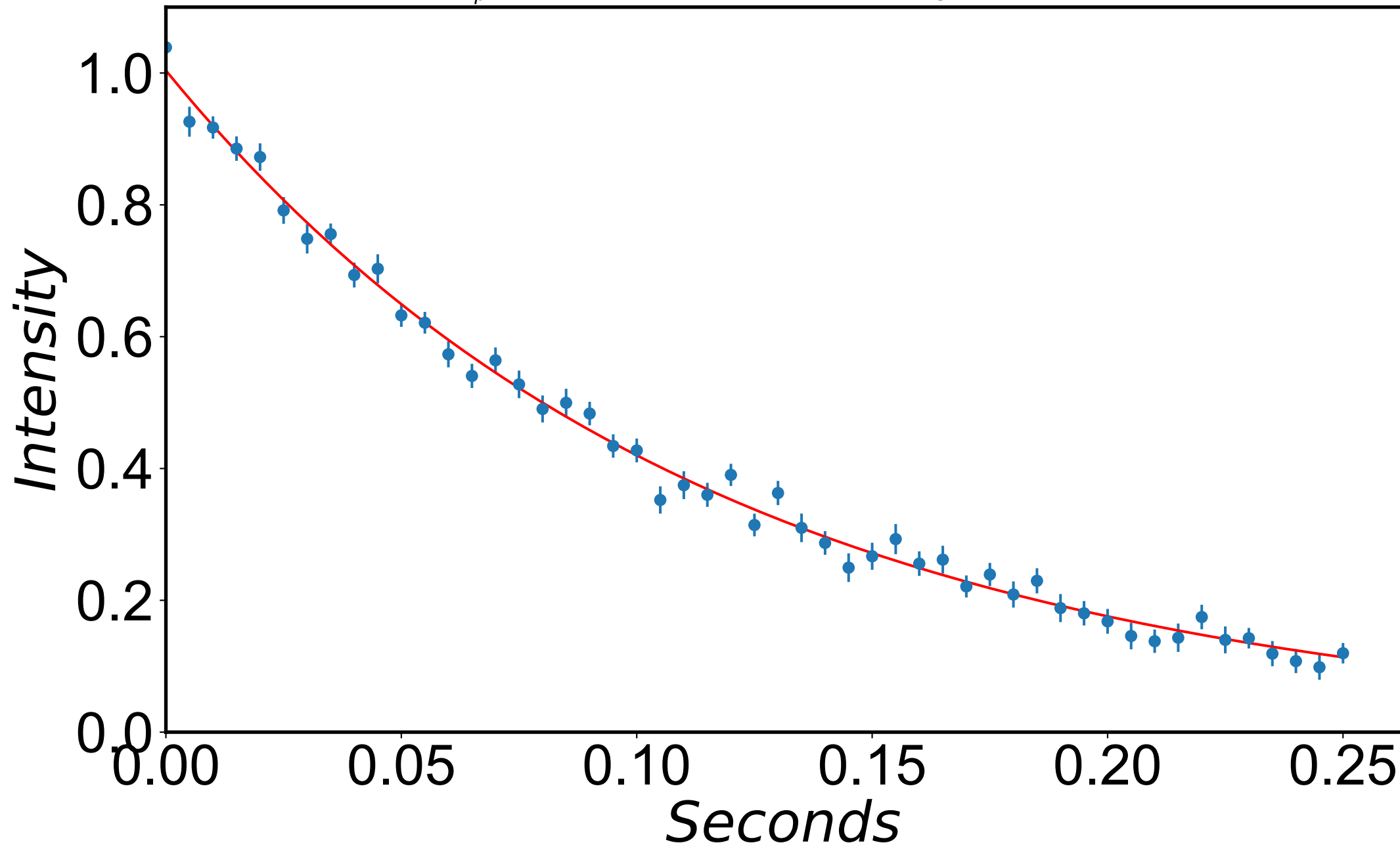
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -739 \text{ Hz}$$



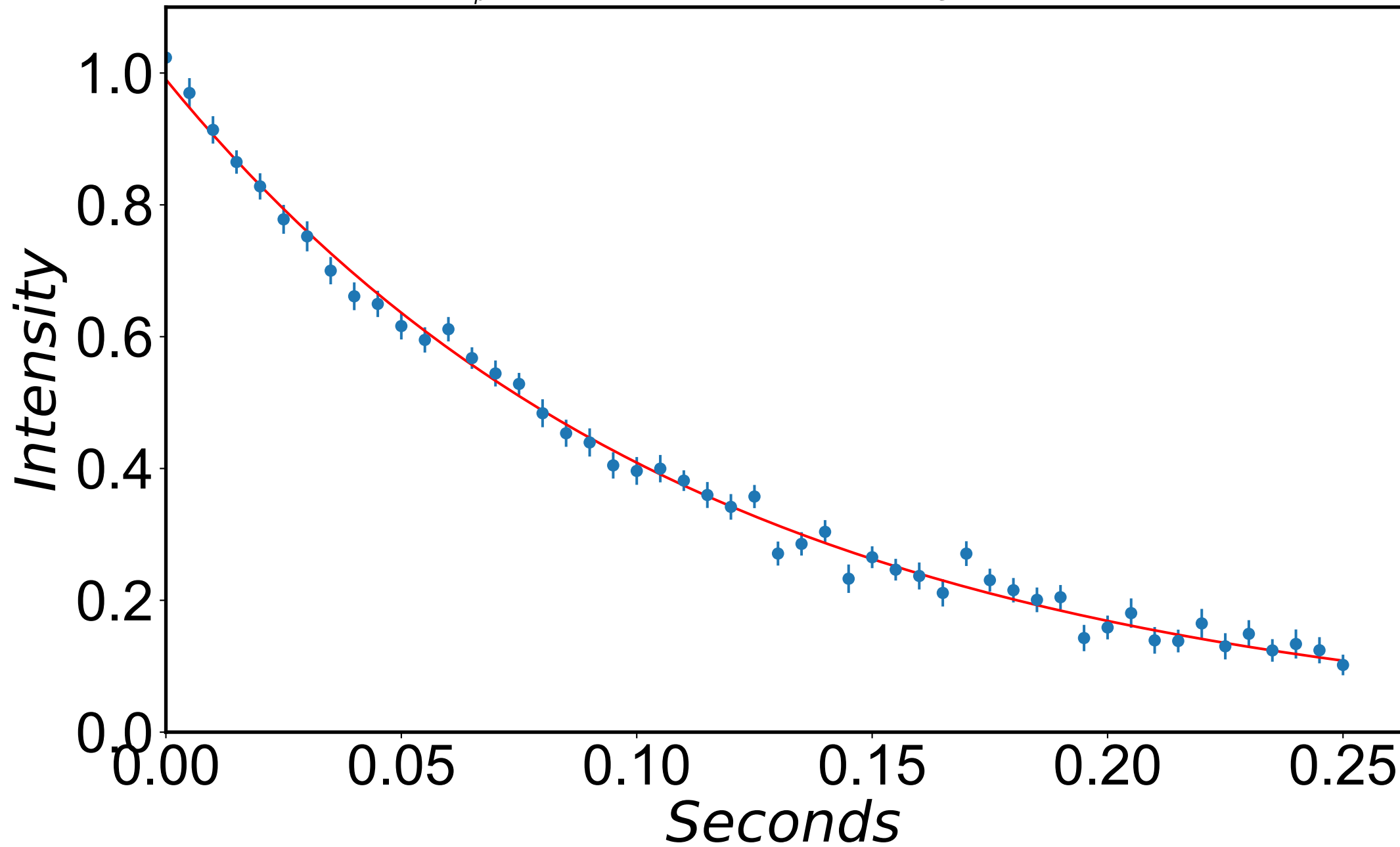
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -729 \text{ Hz}$$



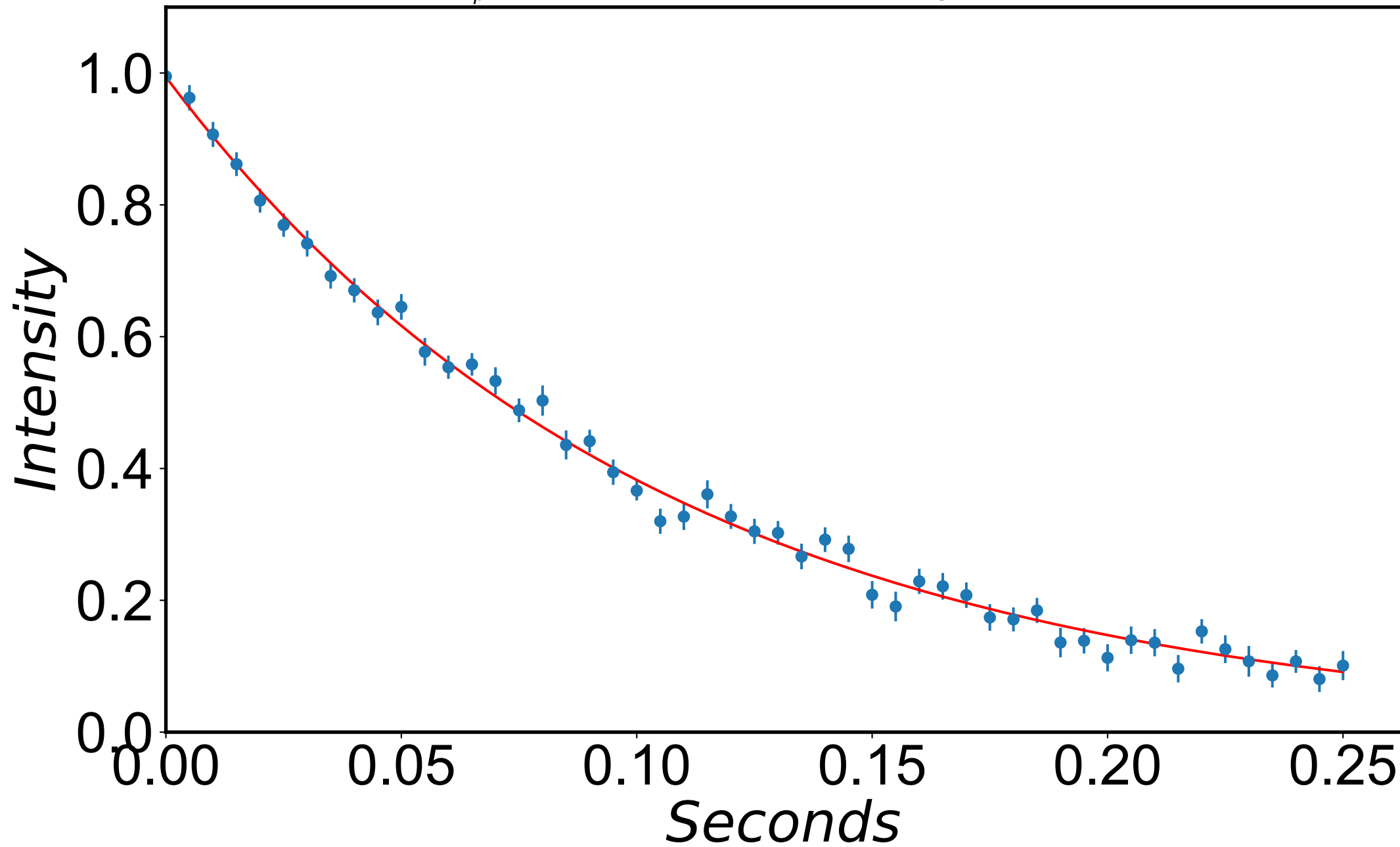
$$R_{1\rho} = 8.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -719 \text{ Hz}$$



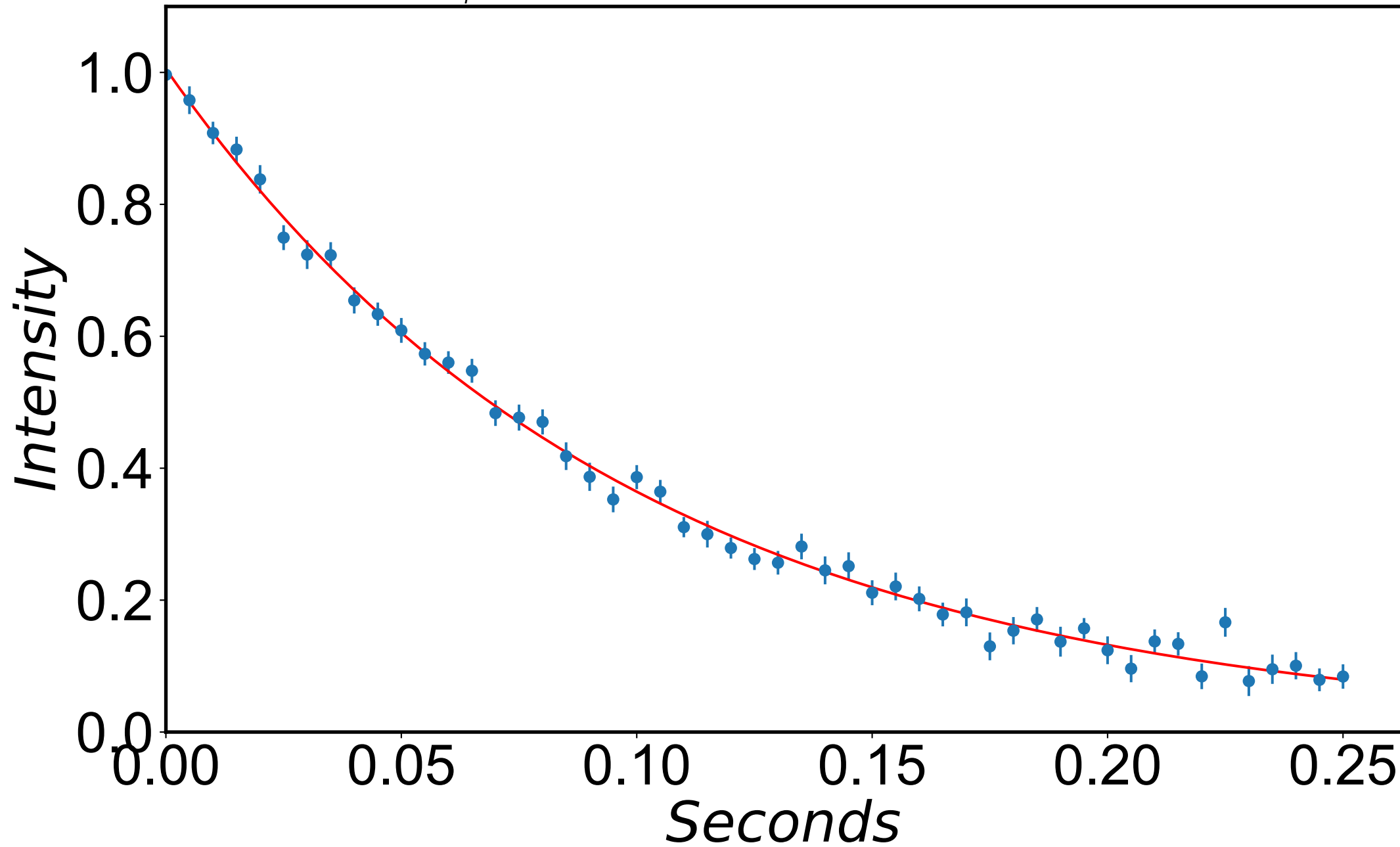
$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -709 \text{ Hz}$$



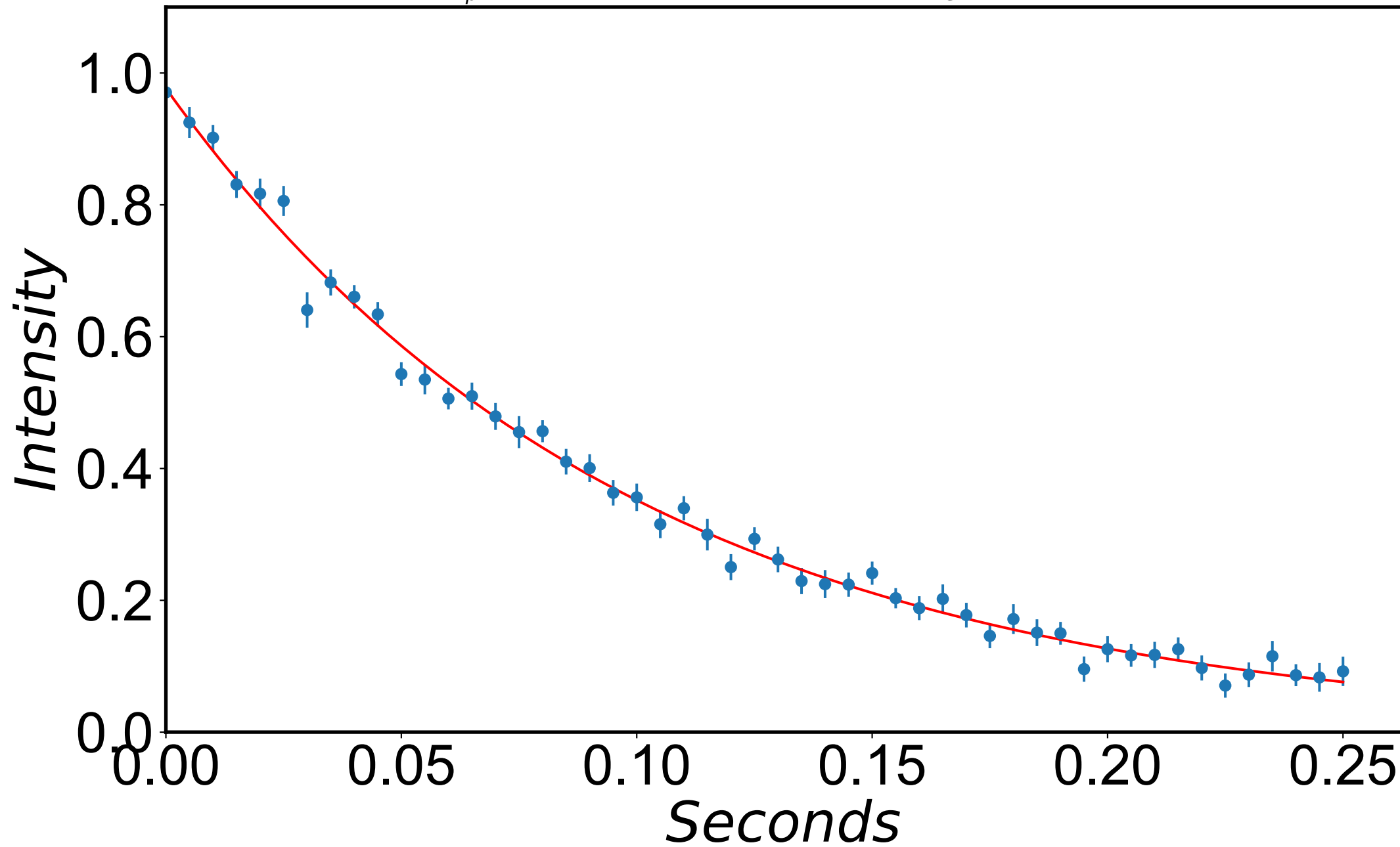
$$R_{1\rho} = 9.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -698 \text{ Hz}$$



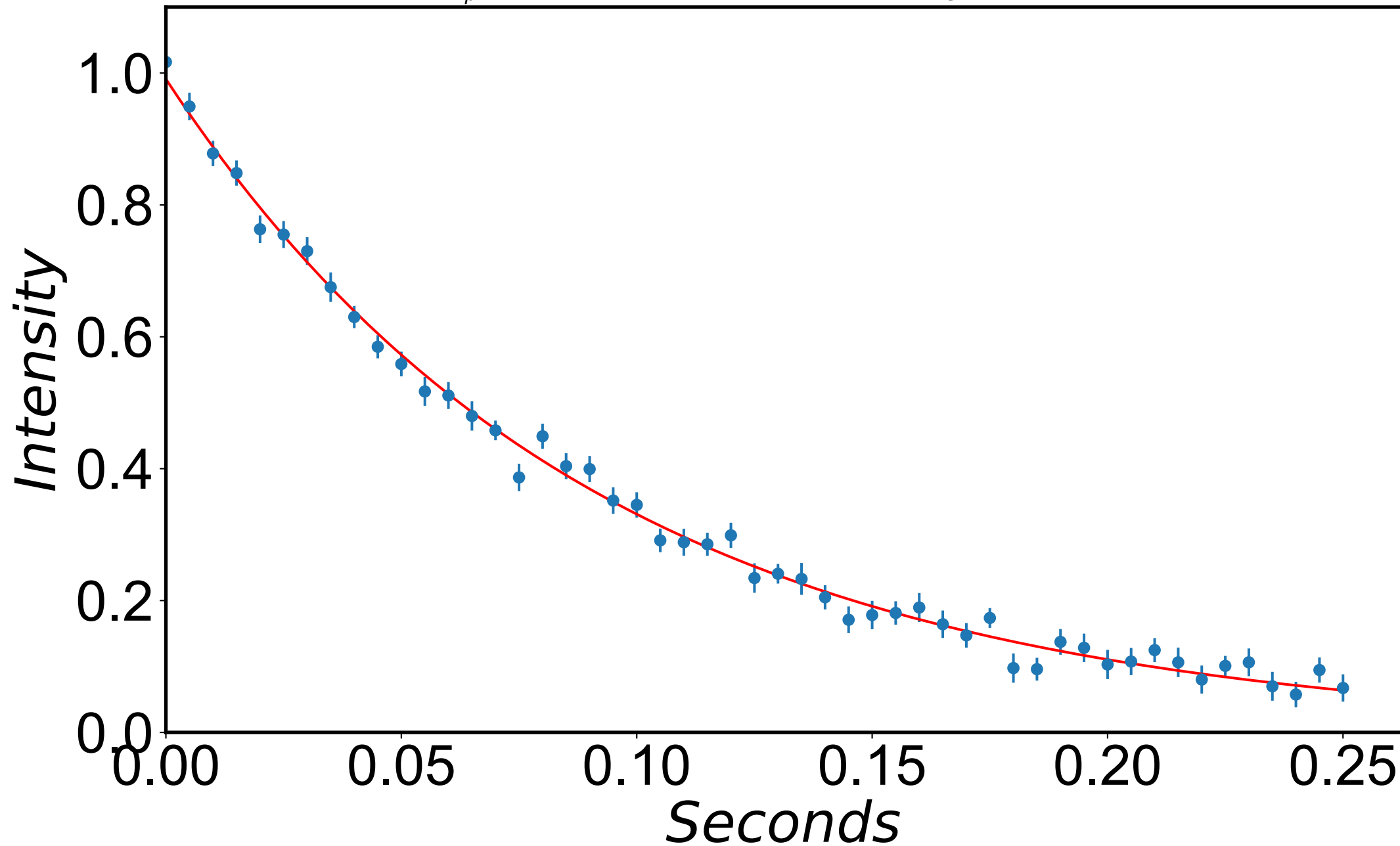
$$R_{1\rho} = 10.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -688 \text{ Hz}$$



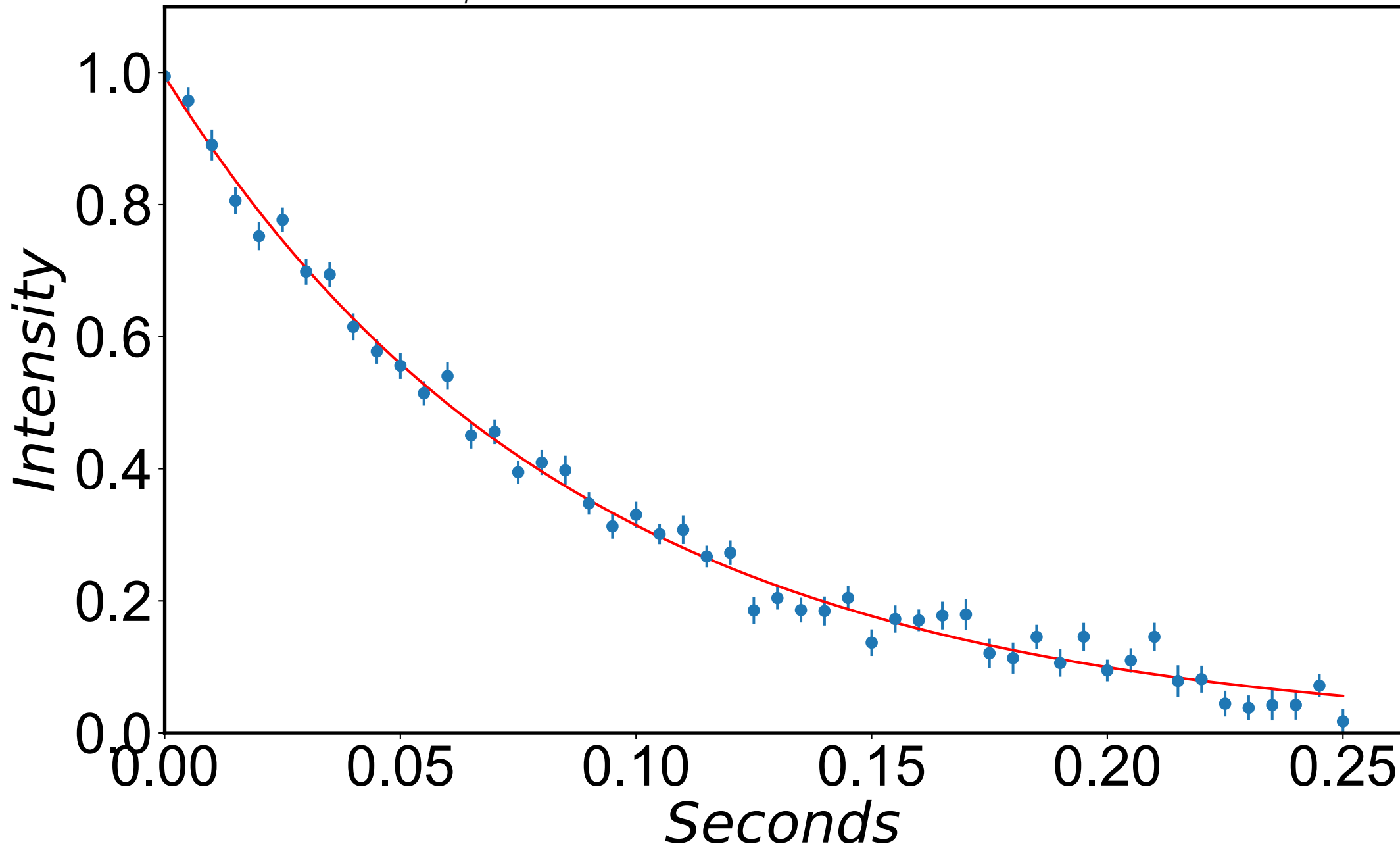
$$R_{1\rho} = 10.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -678 \text{ Hz}$$



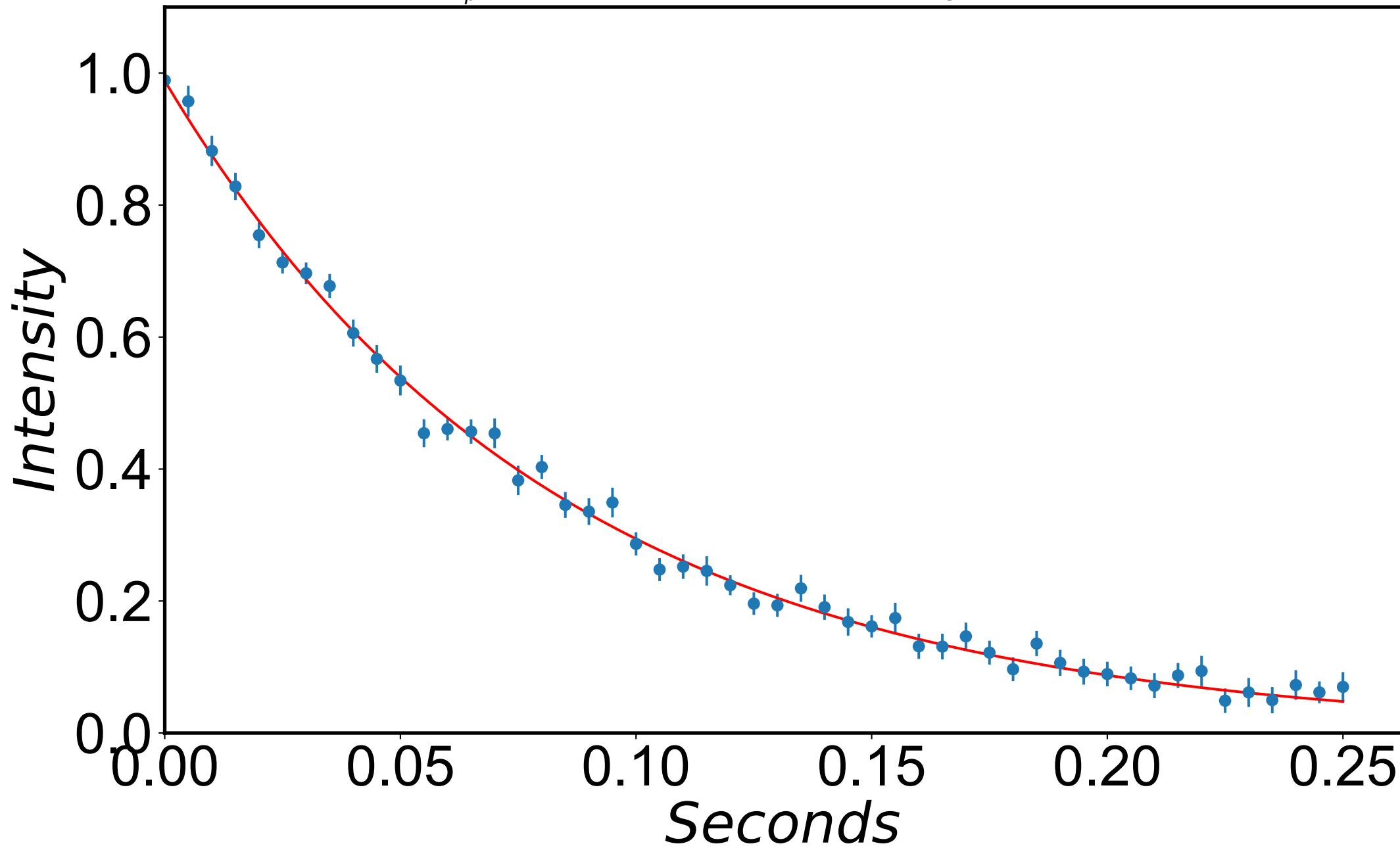
$$R_{1\rho} = 11.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -668 \text{ Hz}$$



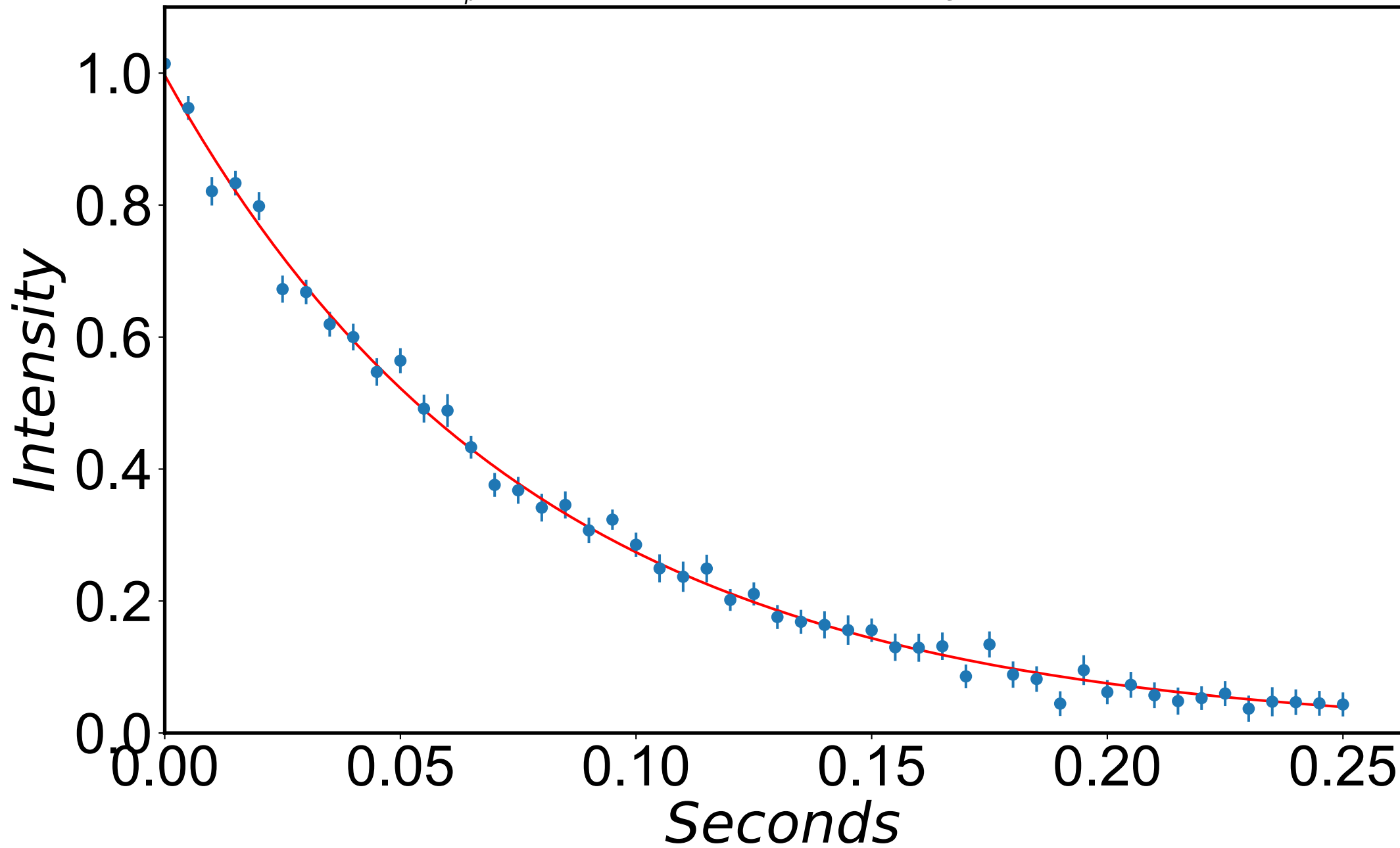
$$R_{1\rho} = 11.5 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -658 \text{ Hz}$$



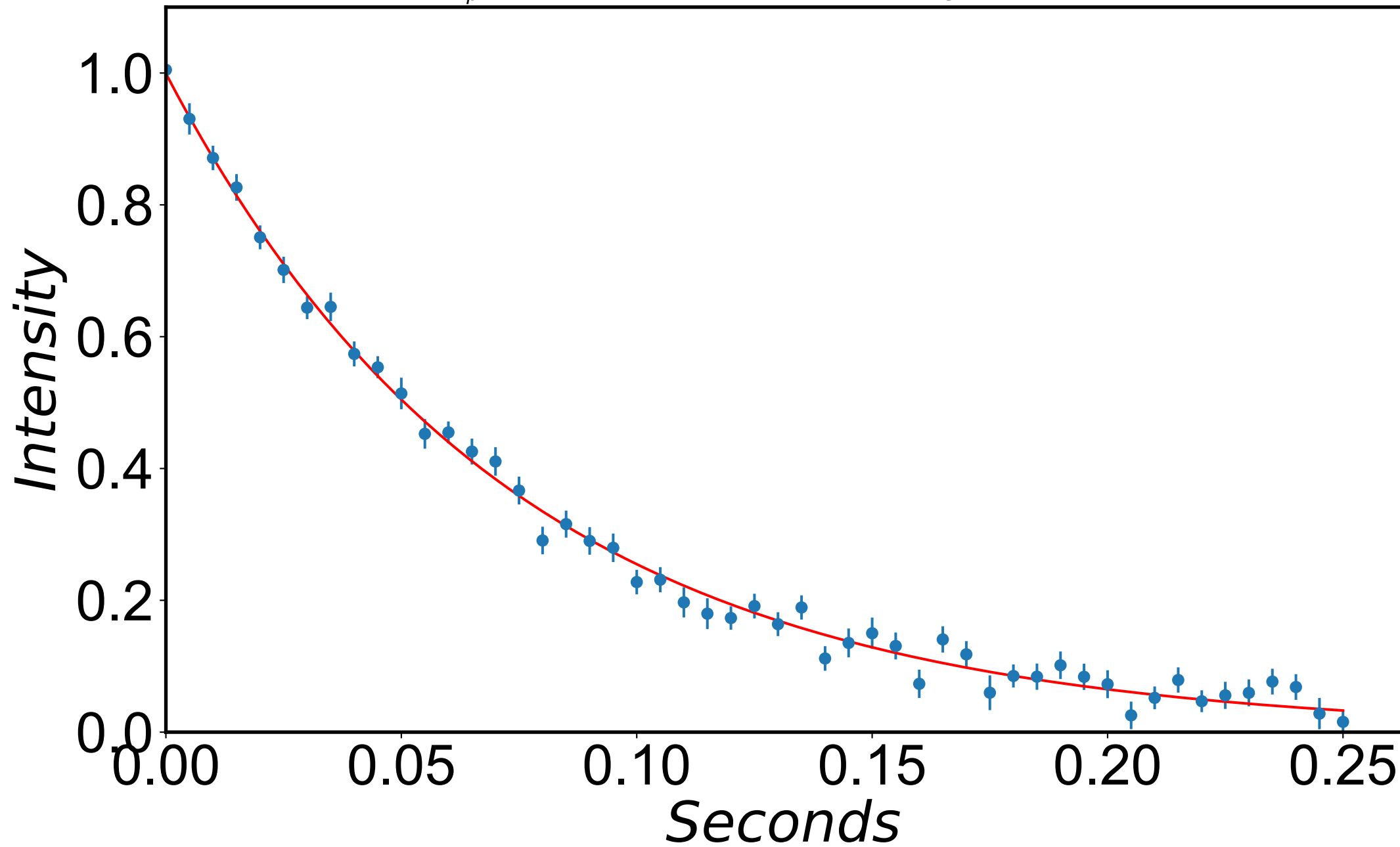
$$R_{1\rho} = 12.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -648 \text{ Hz}$$



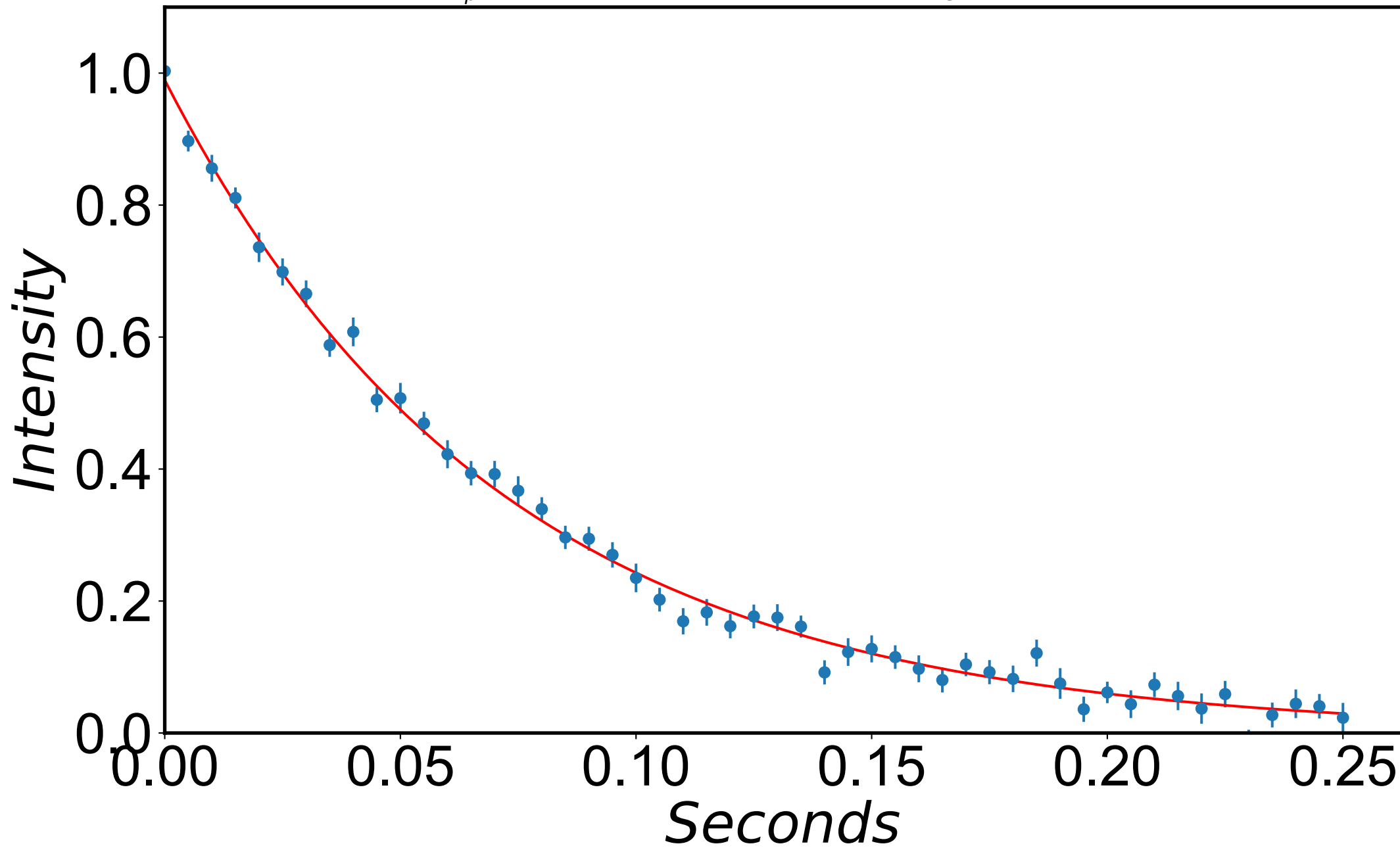
$$R_{1\rho} = 12.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -638 \text{ Hz}$$



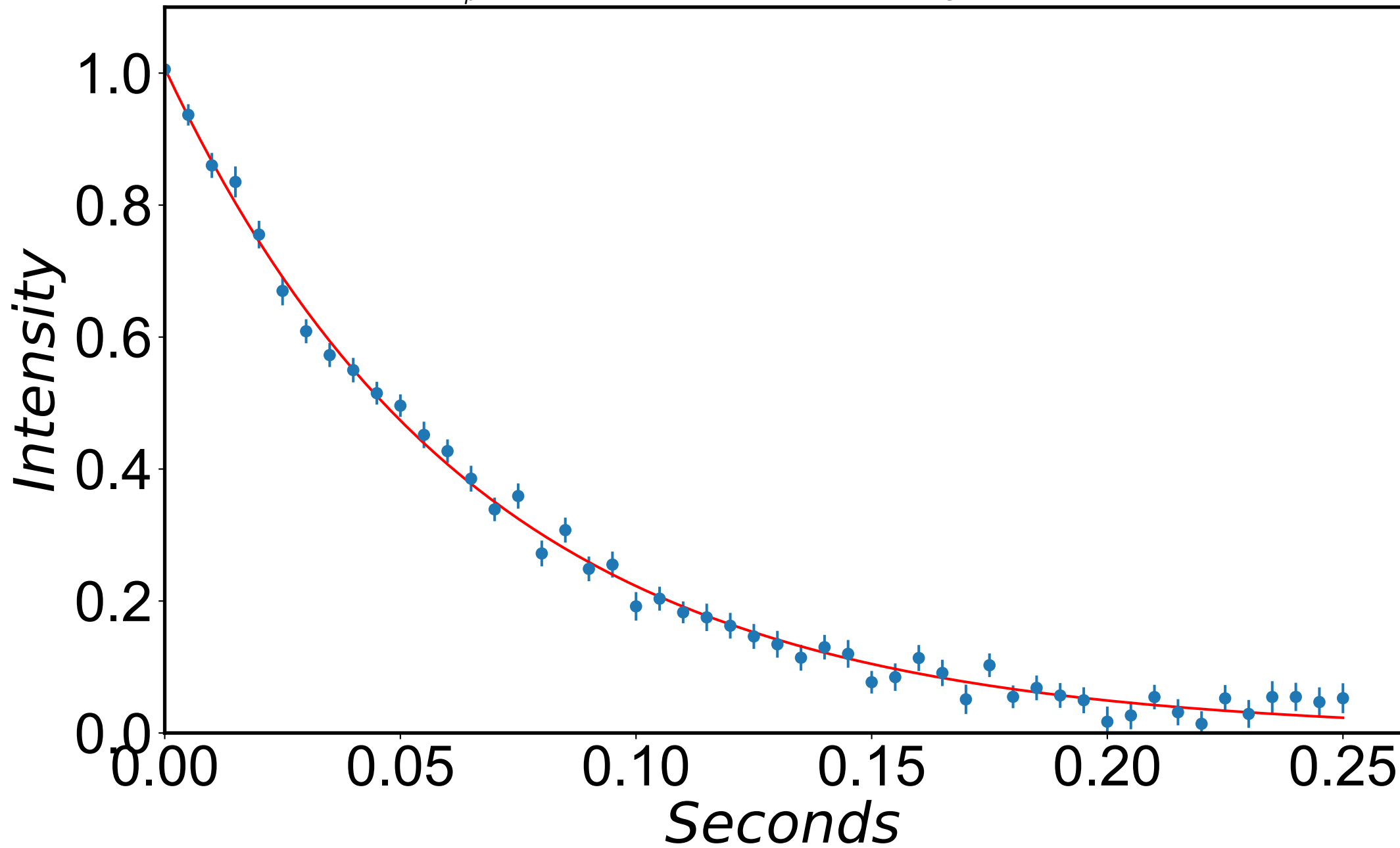
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -628 \text{ Hz}$$



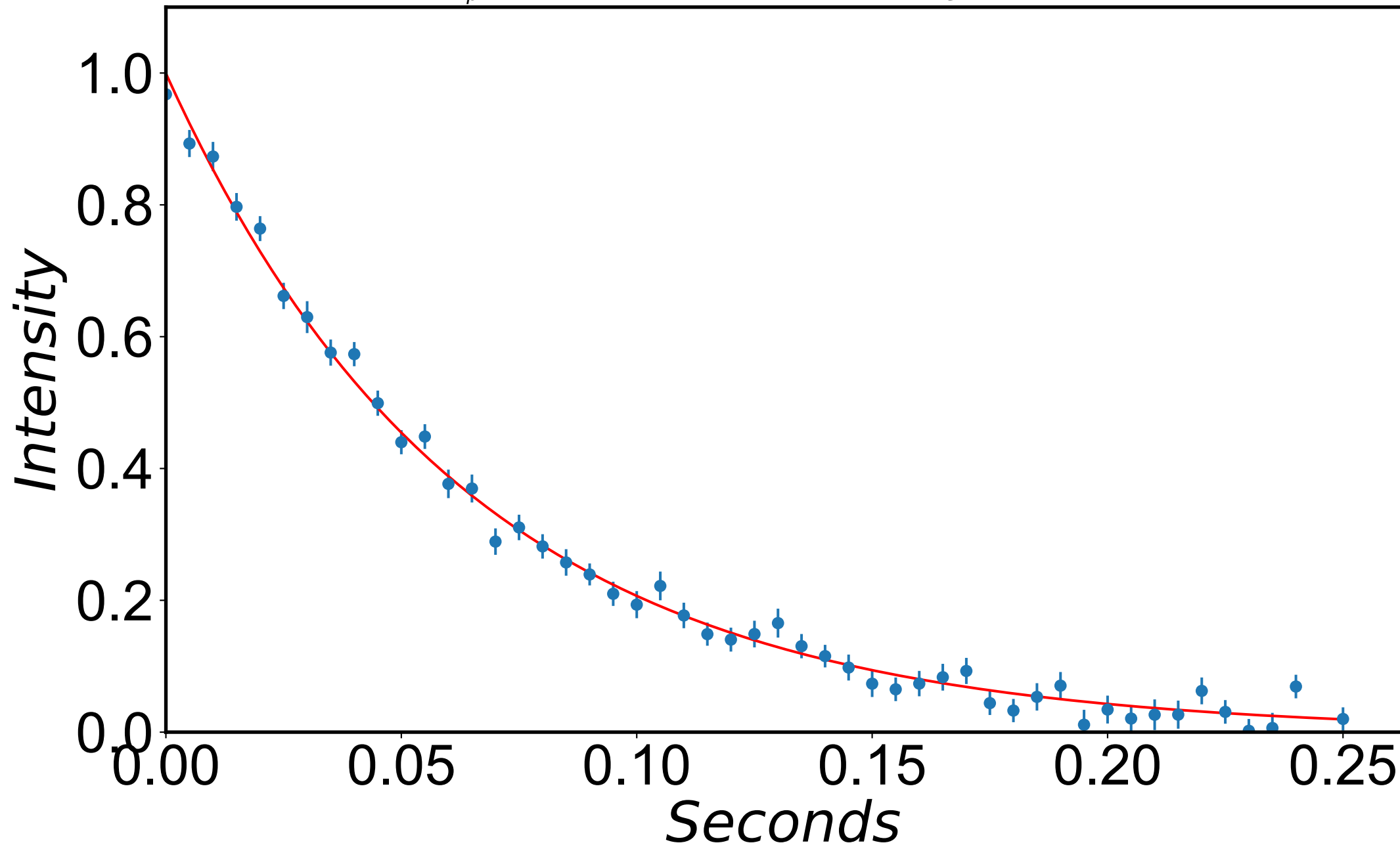
$$R_{1\rho} = 14.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -618 \text{ Hz}$$



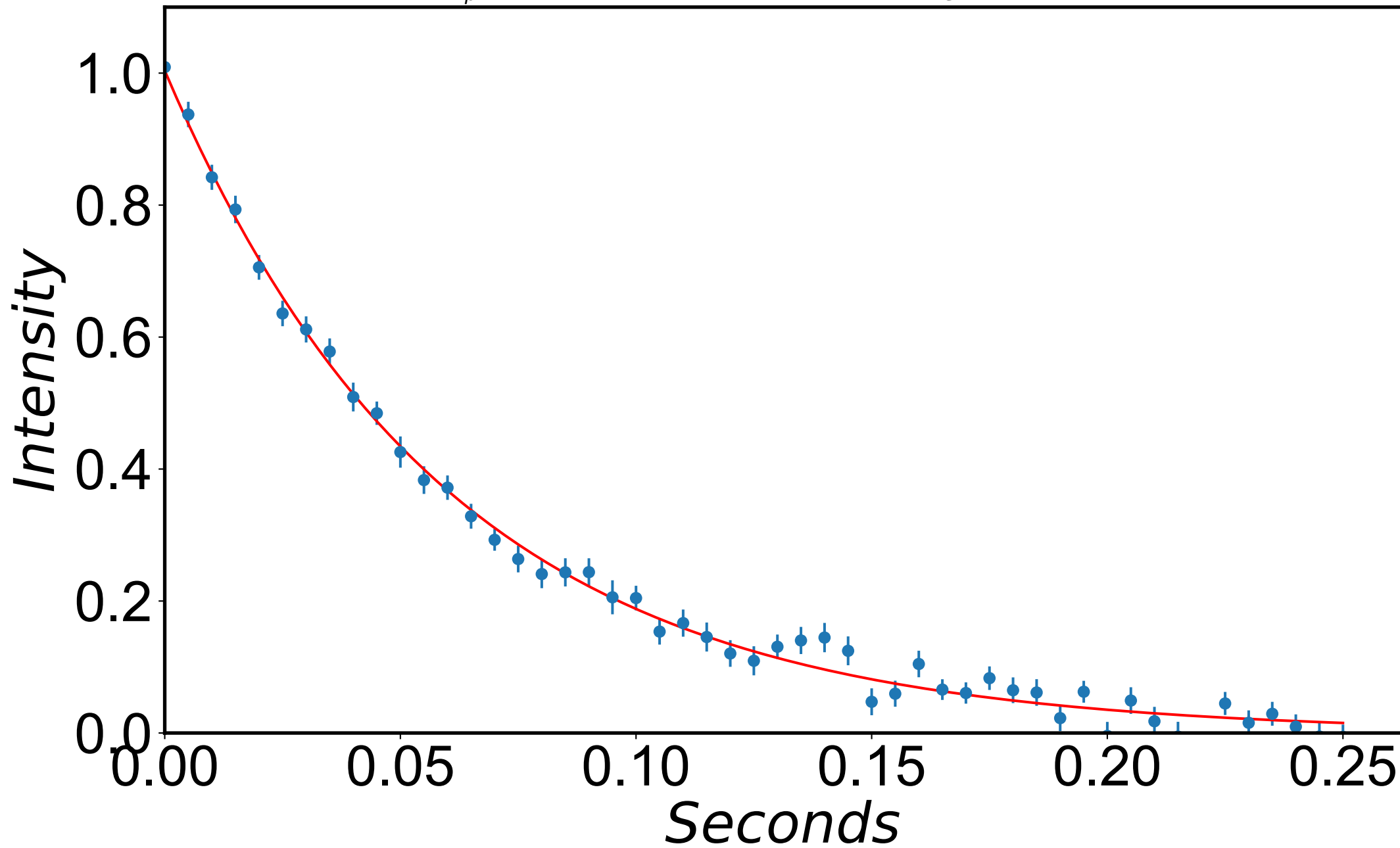
$$R_{1\rho} = 15.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -608 \text{ Hz}$$



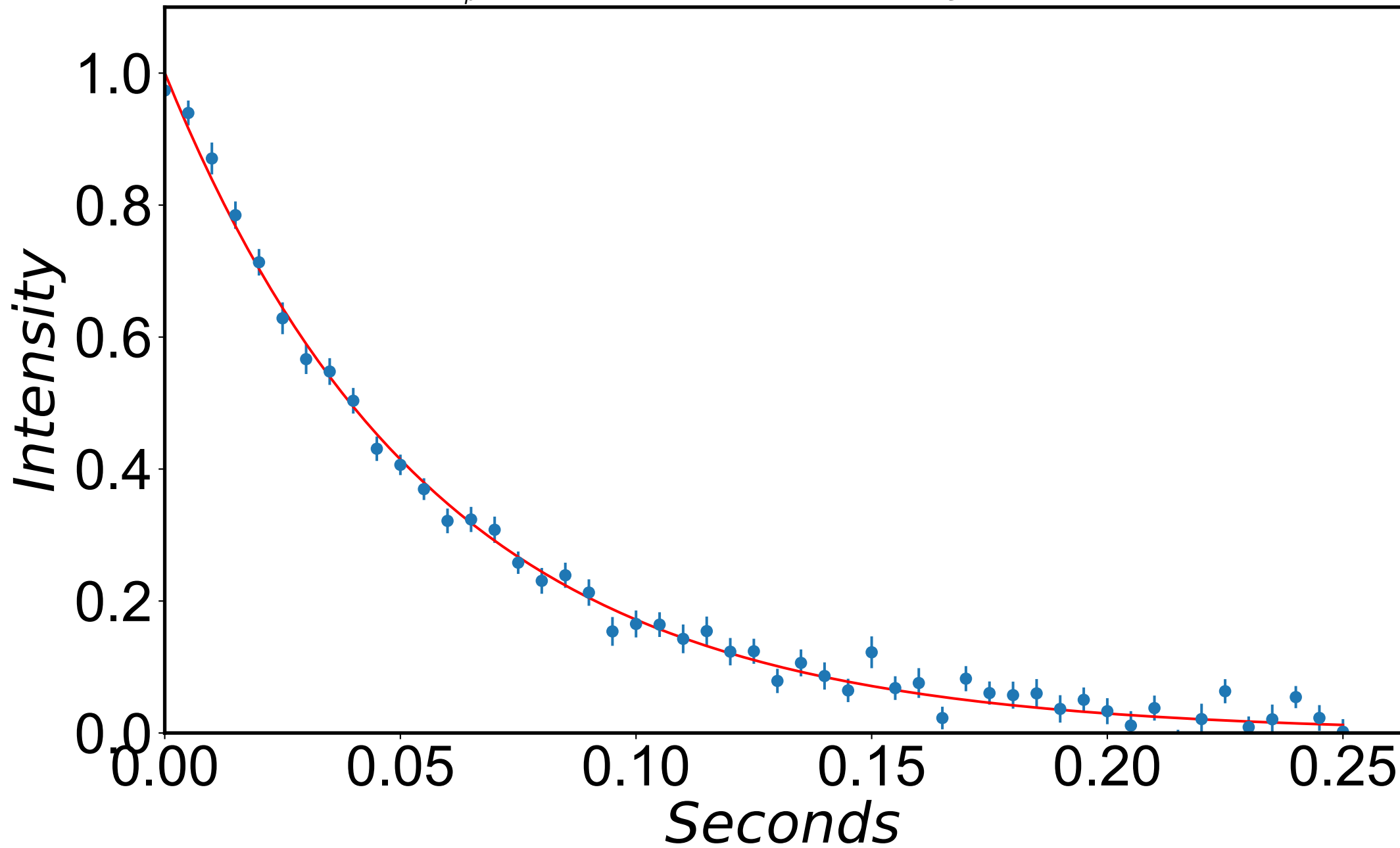
$$R_{1\rho} = 15.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -598 \text{ Hz}$$



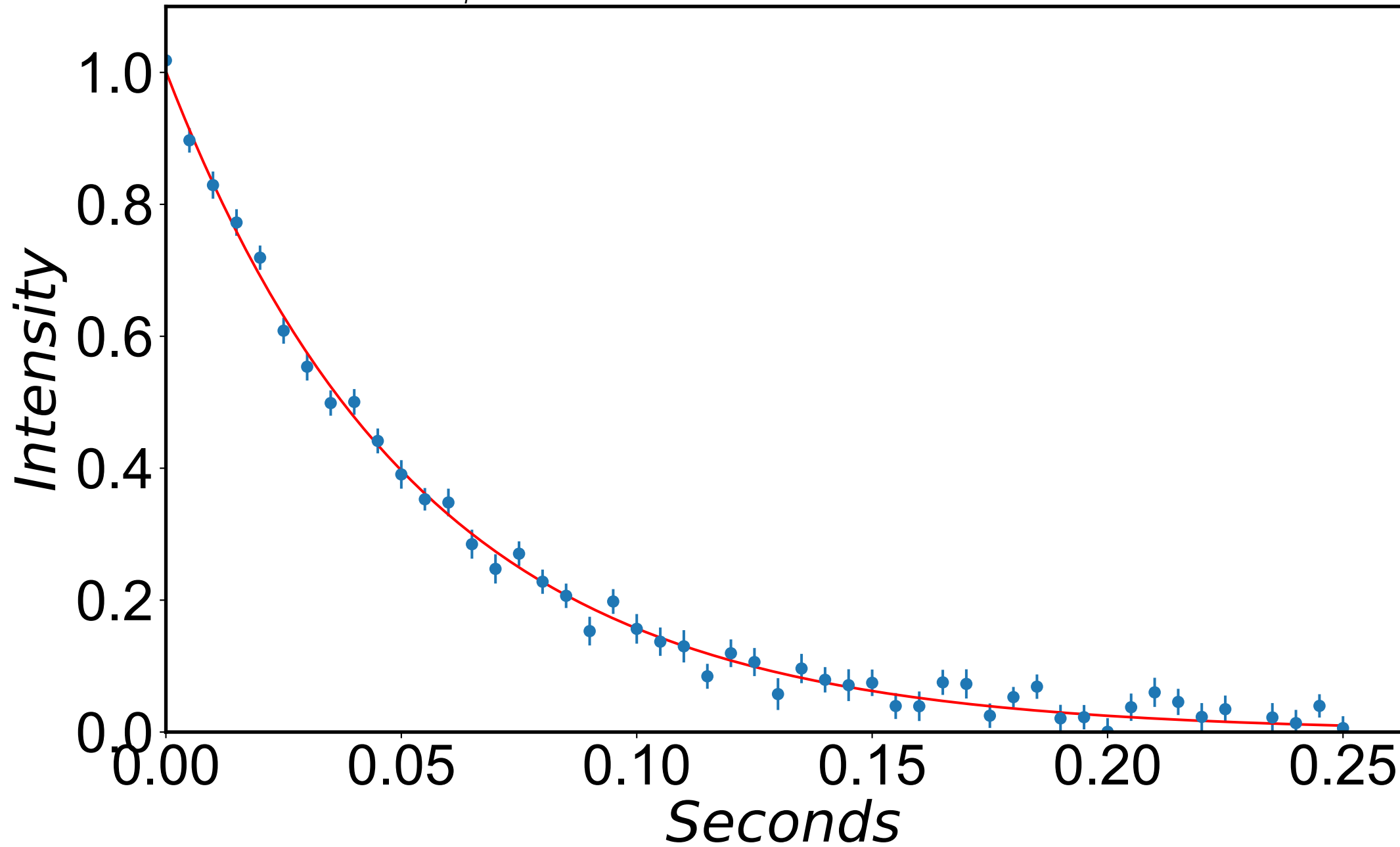
$$R_{1\rho} = 16.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -588 \text{ Hz}$$



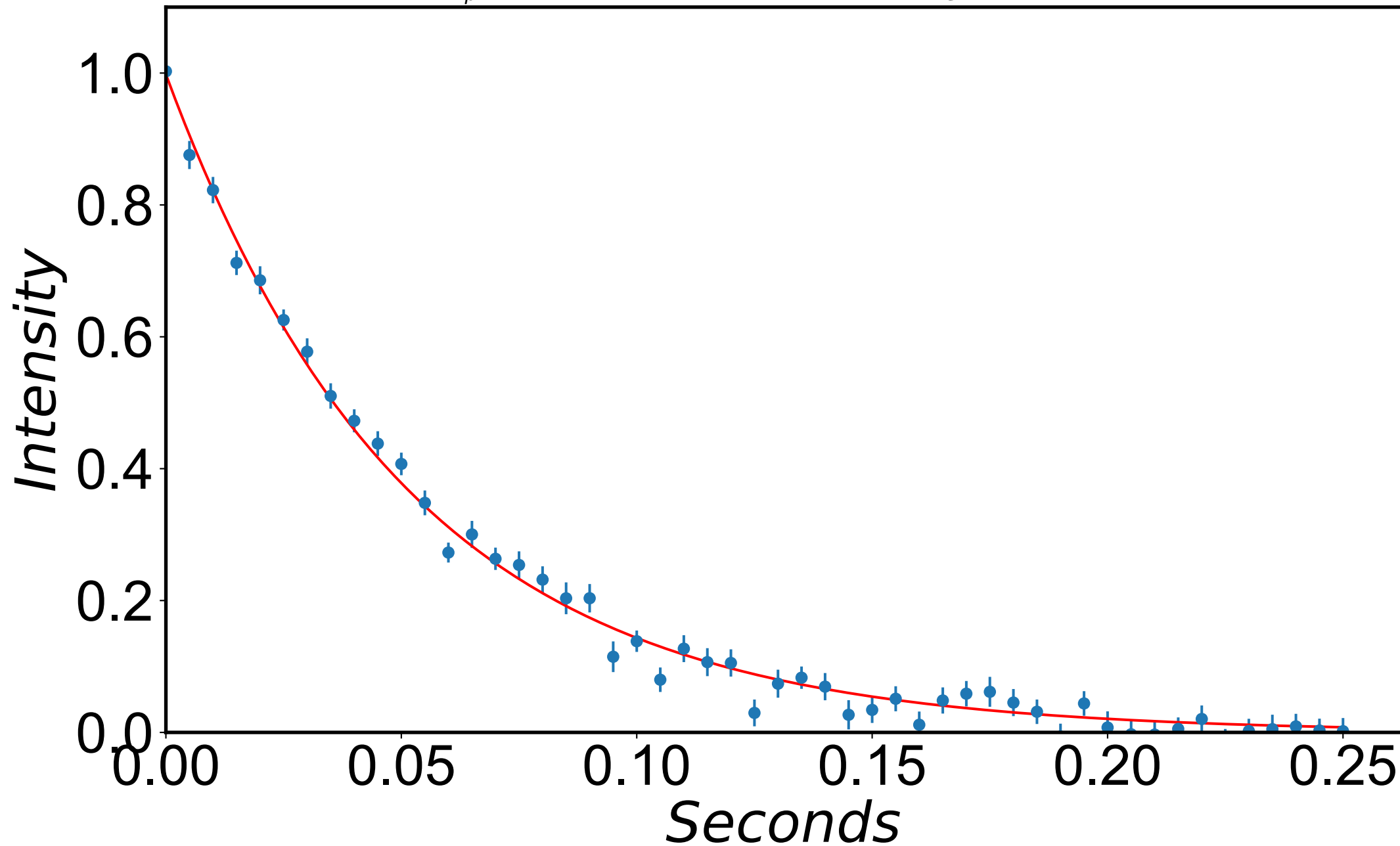
$$R_{1\rho} = 17.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -578 \text{ Hz}$$



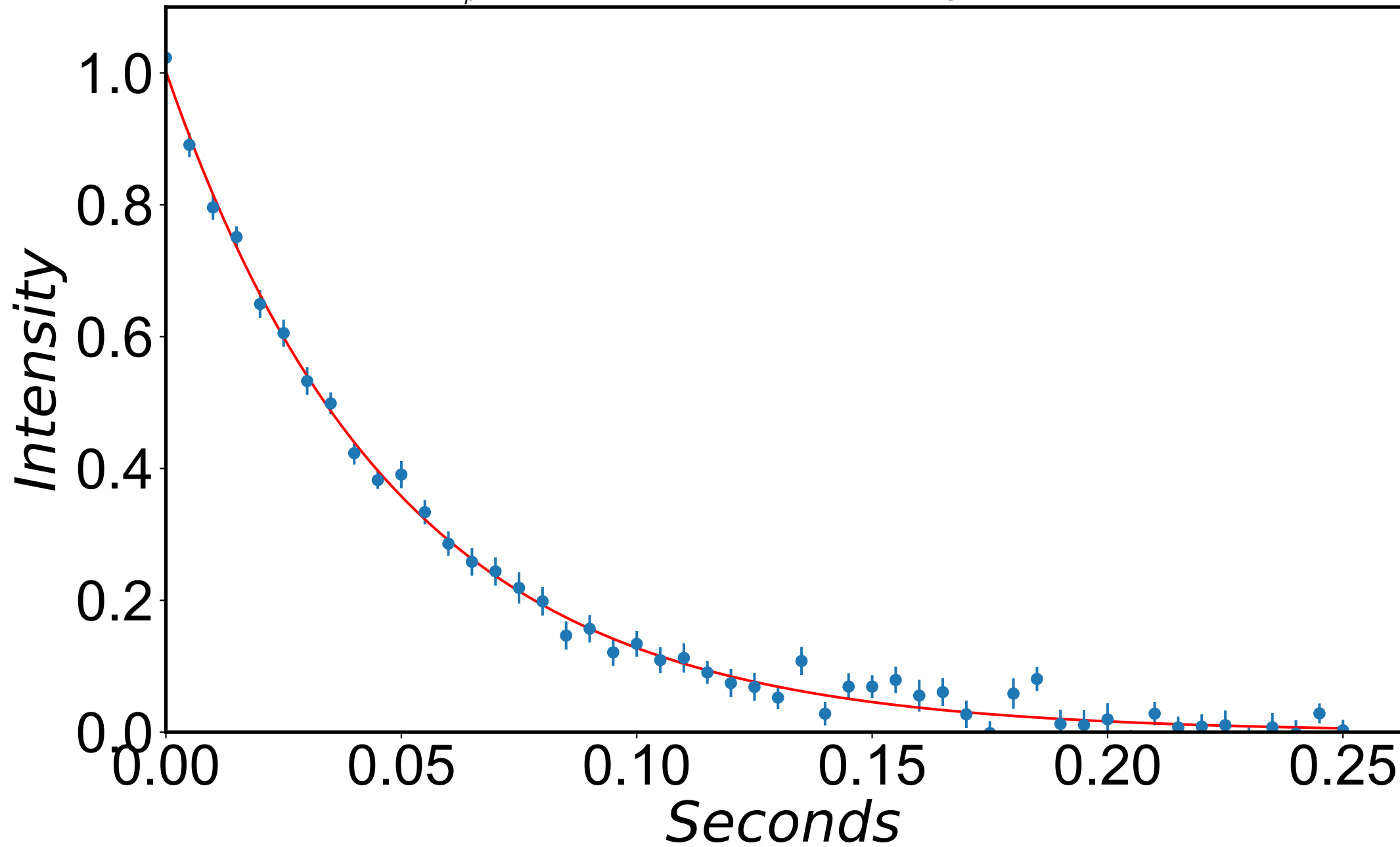
$$R_{1\rho} = 18.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -568 \text{ Hz}$$



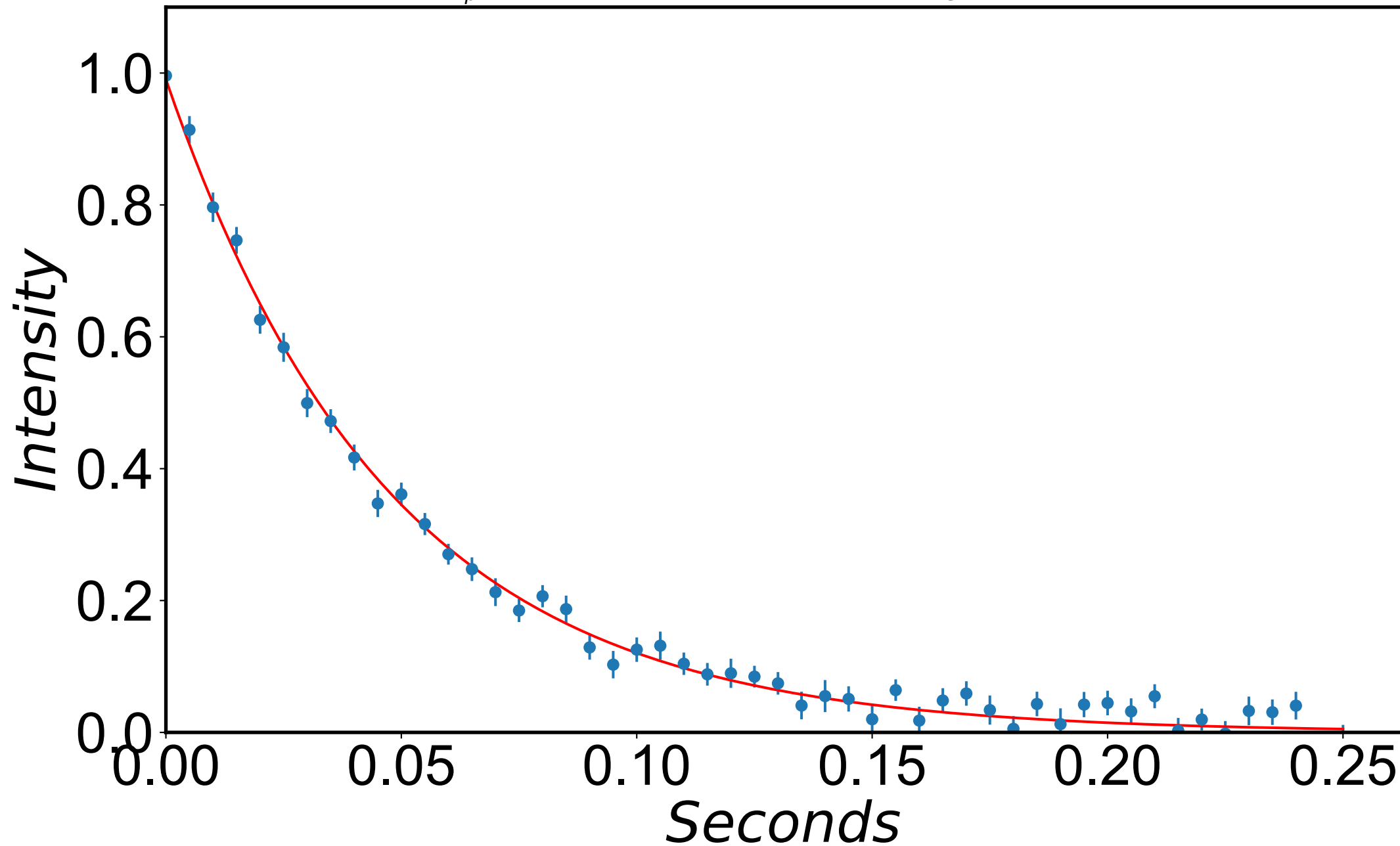
$$R_{1\rho} = 19.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -558 \text{ Hz}$$



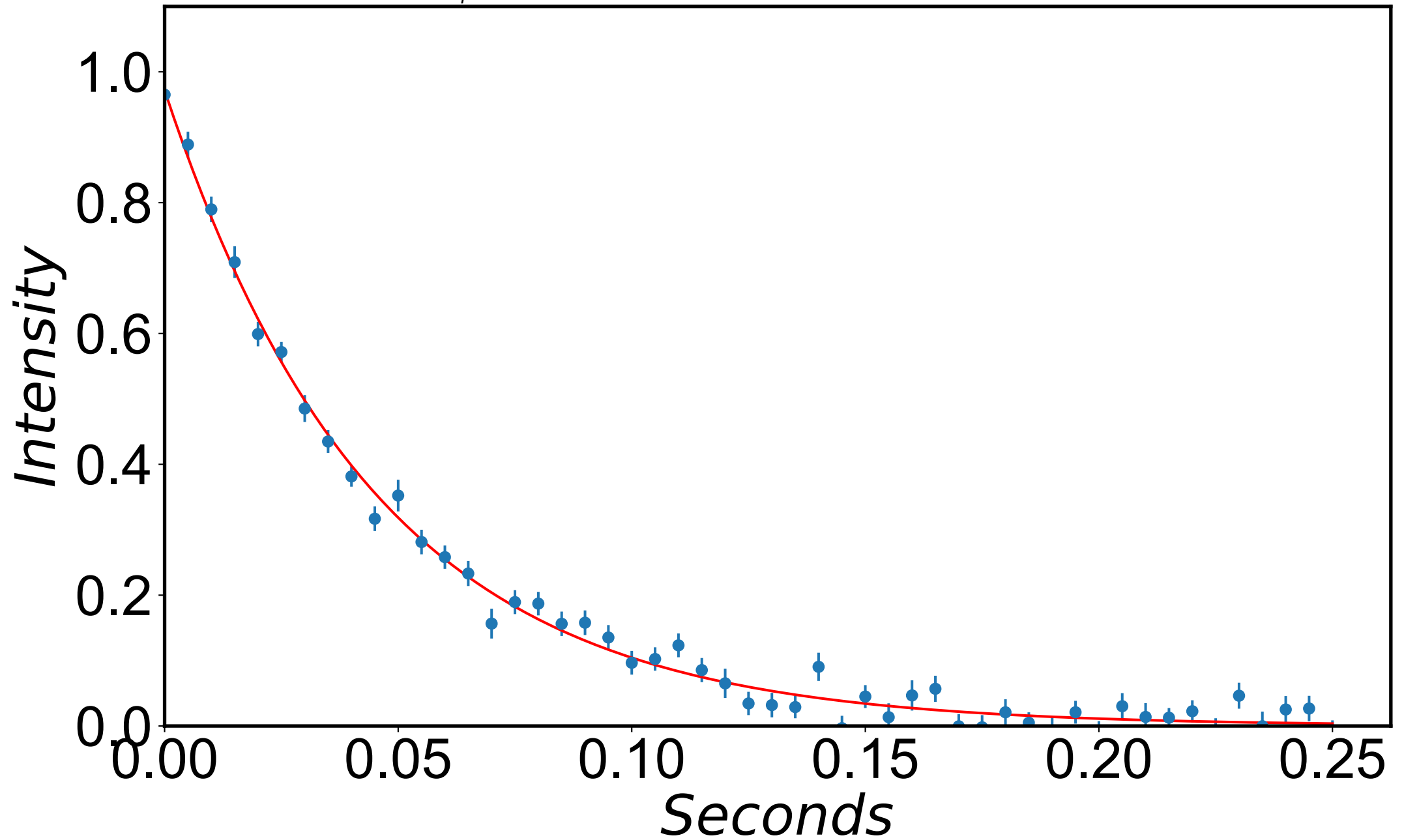
$$R_{1\rho} = 20.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -548 \text{ Hz}$$



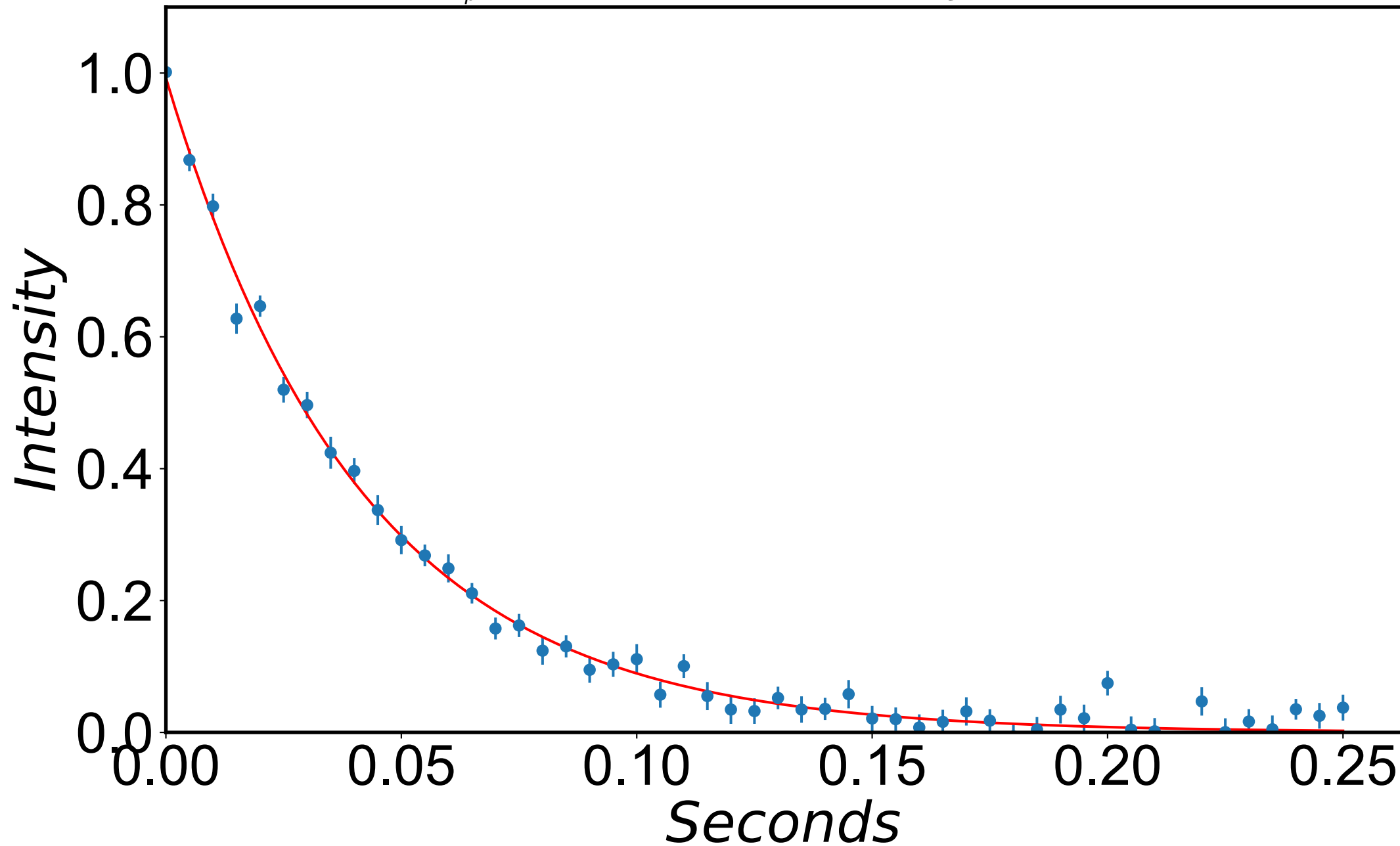
$$R_{1\rho} = 21.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -538 \text{ Hz}$$



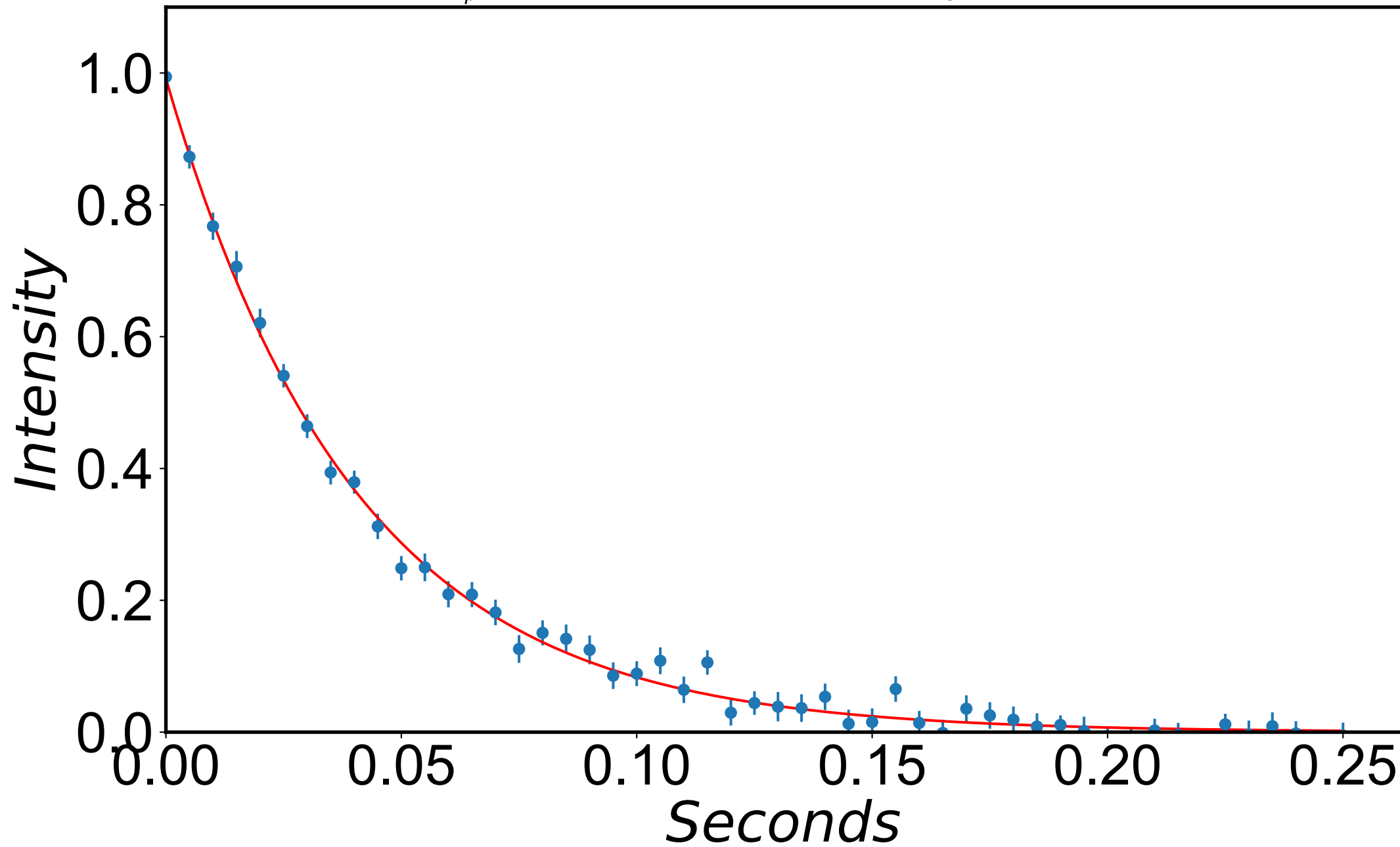
$$R_{1\rho} = 22.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -528 \text{ Hz}$$



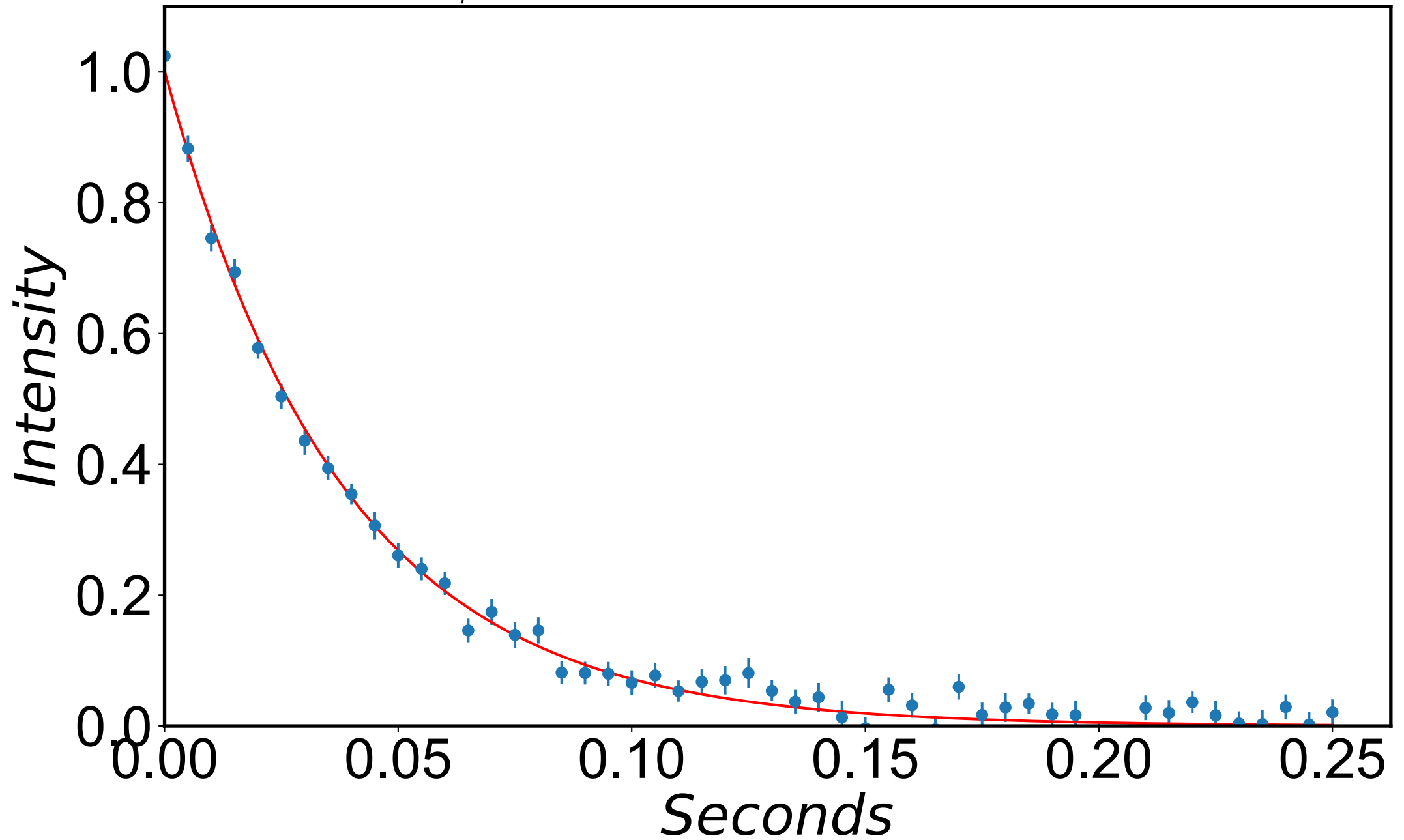
$$R_{1\rho} = 24.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -518 \text{ Hz}$$



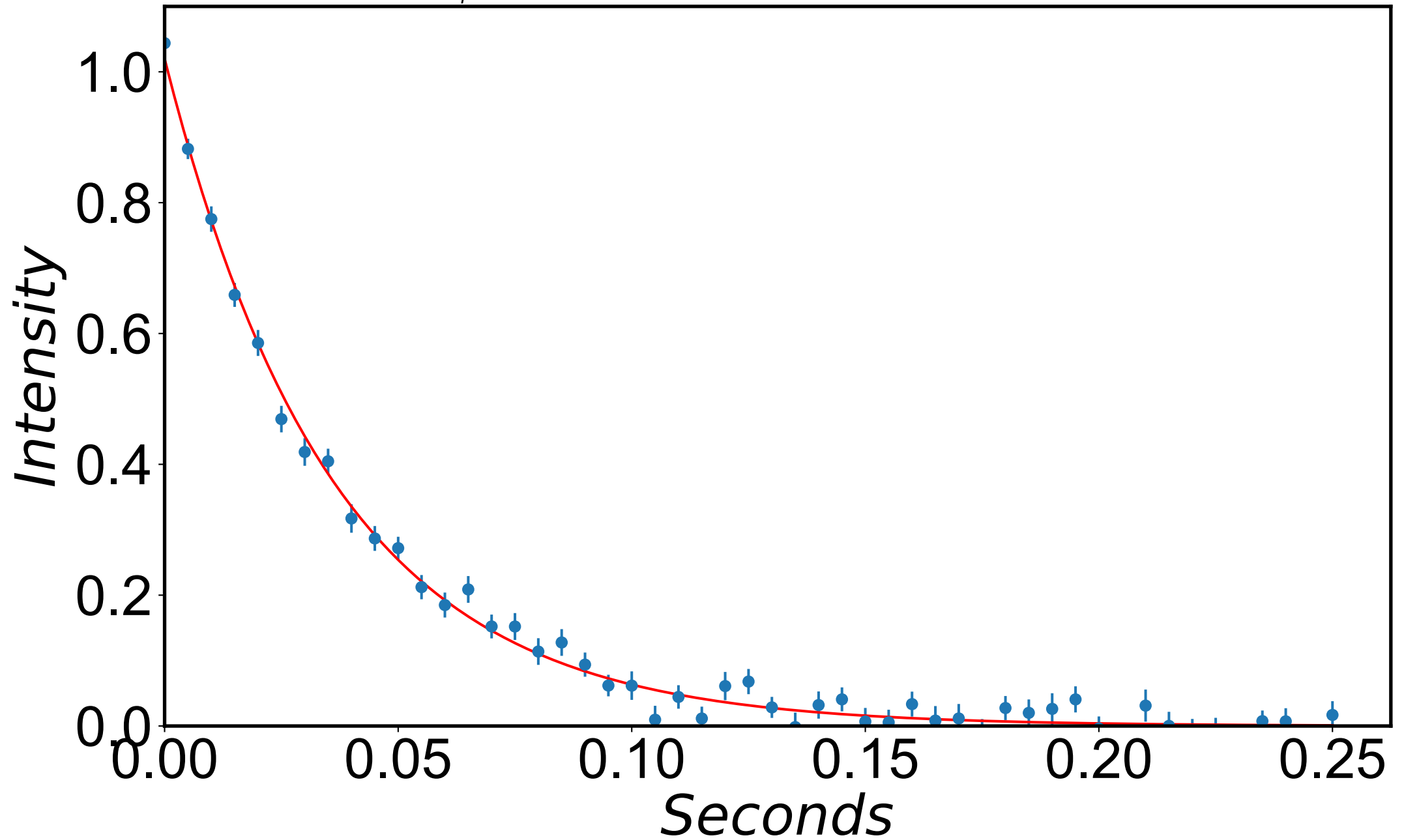
$$R_{1\rho} = 24.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -508 \text{ Hz}$$



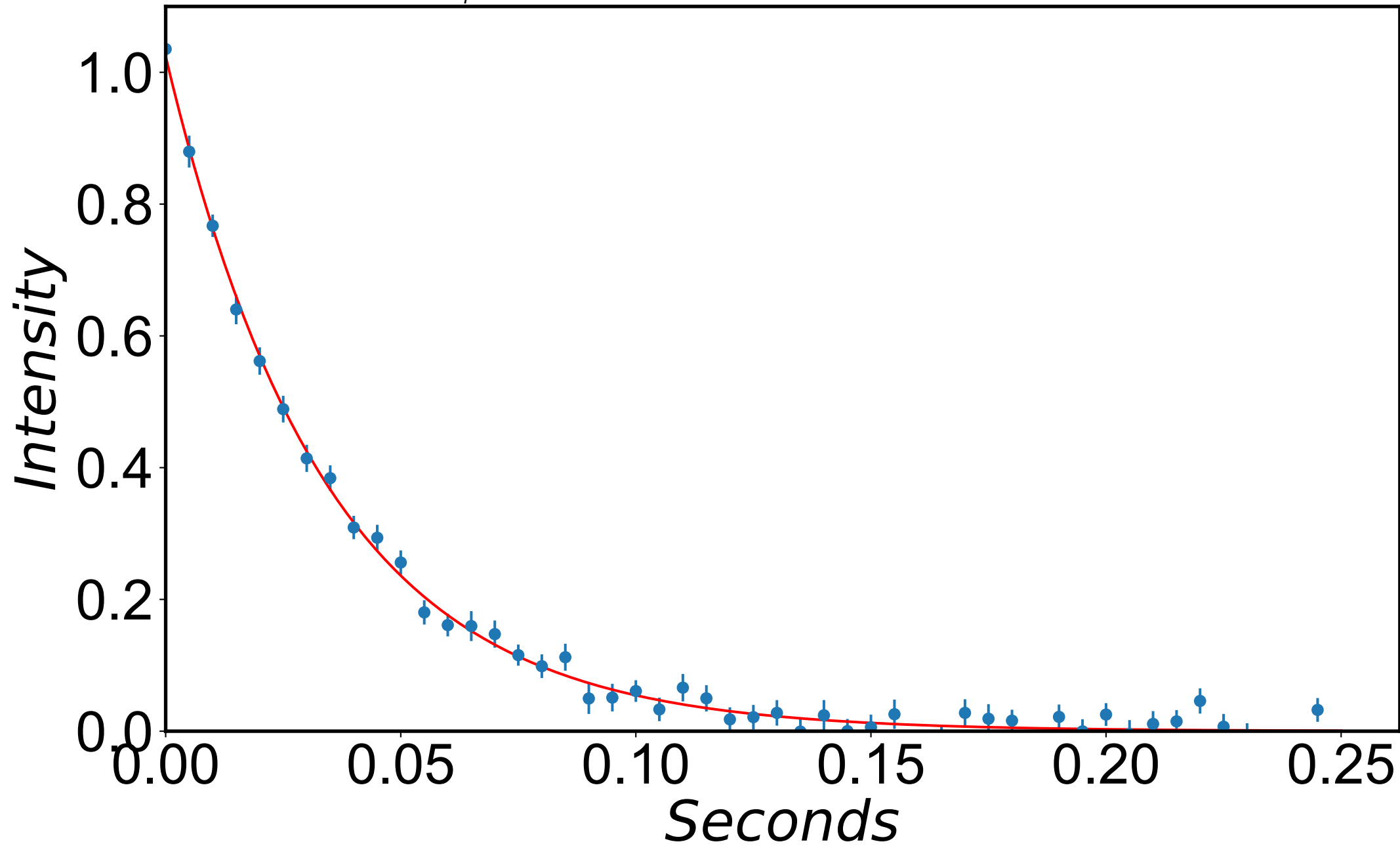
$$R_{1\rho} = 26.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -497 \text{ Hz}$$



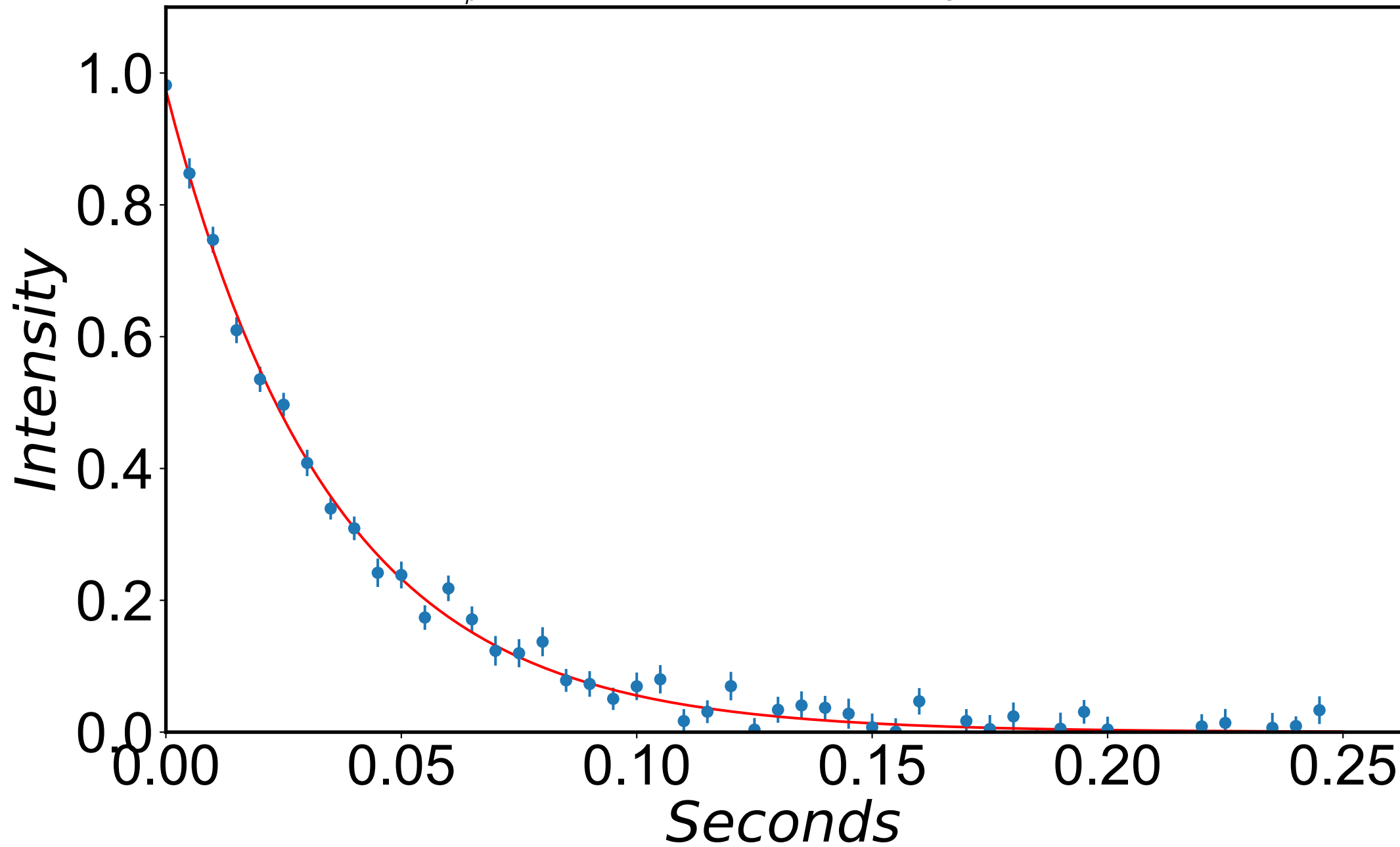
$$R_{1\rho} = 27.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -487 \text{ Hz}$$



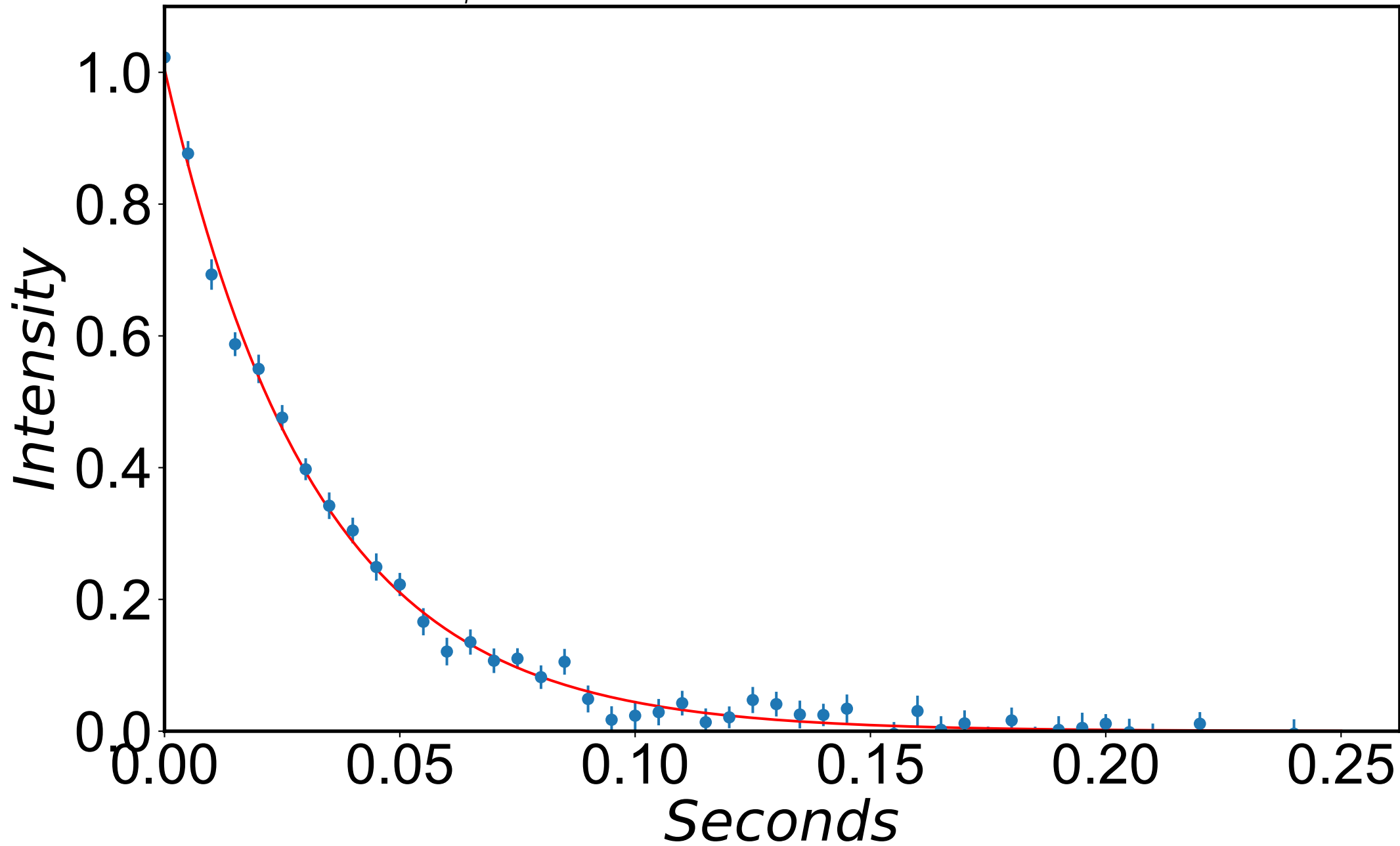
$$R_{1\rho} = 29.3 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -477 \text{ Hz}$$



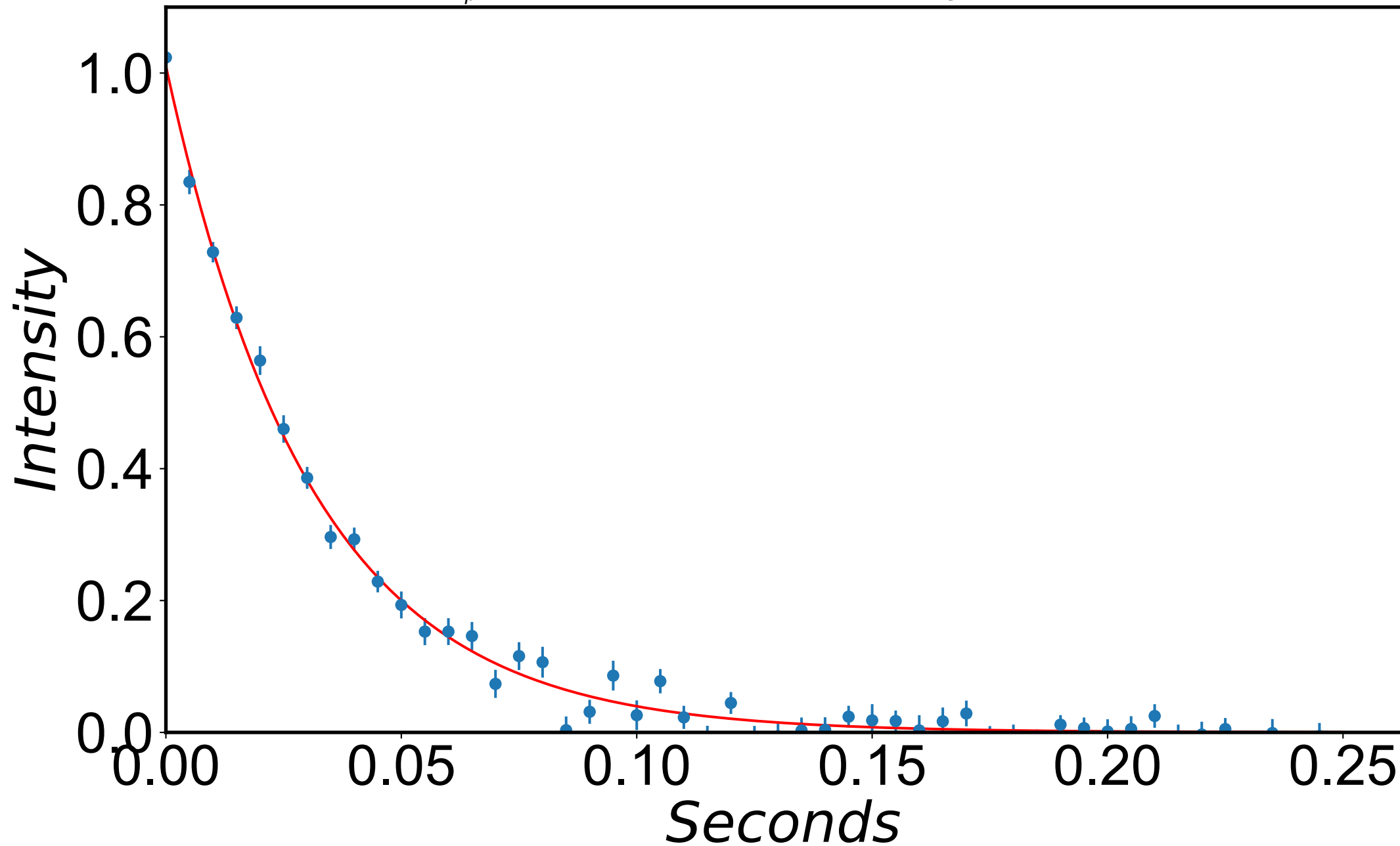
$$R_{1\rho} = 28.6 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -467 \text{ Hz}$$



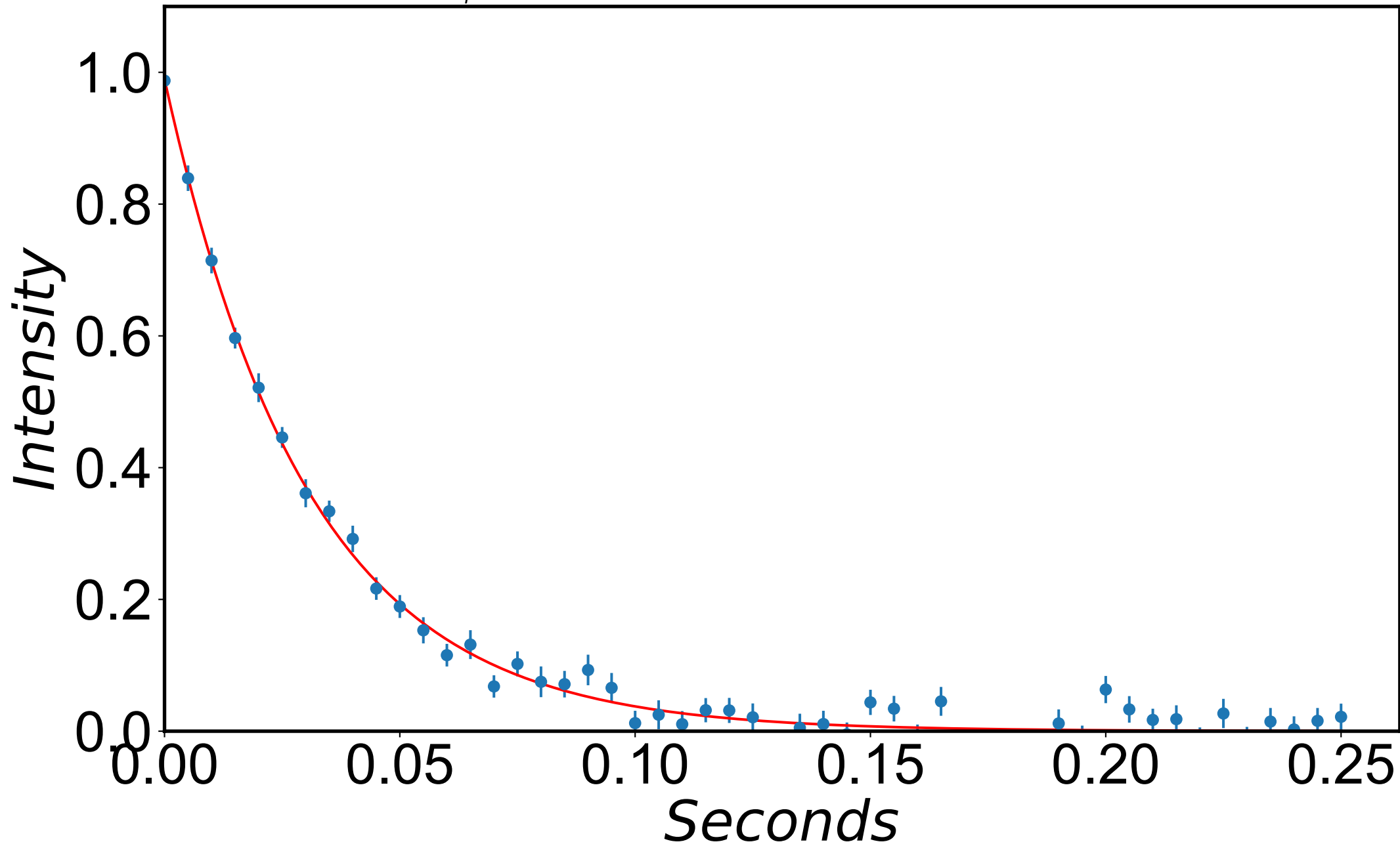
$$R_{1\rho} = 31.3 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -457 \text{ Hz}$$



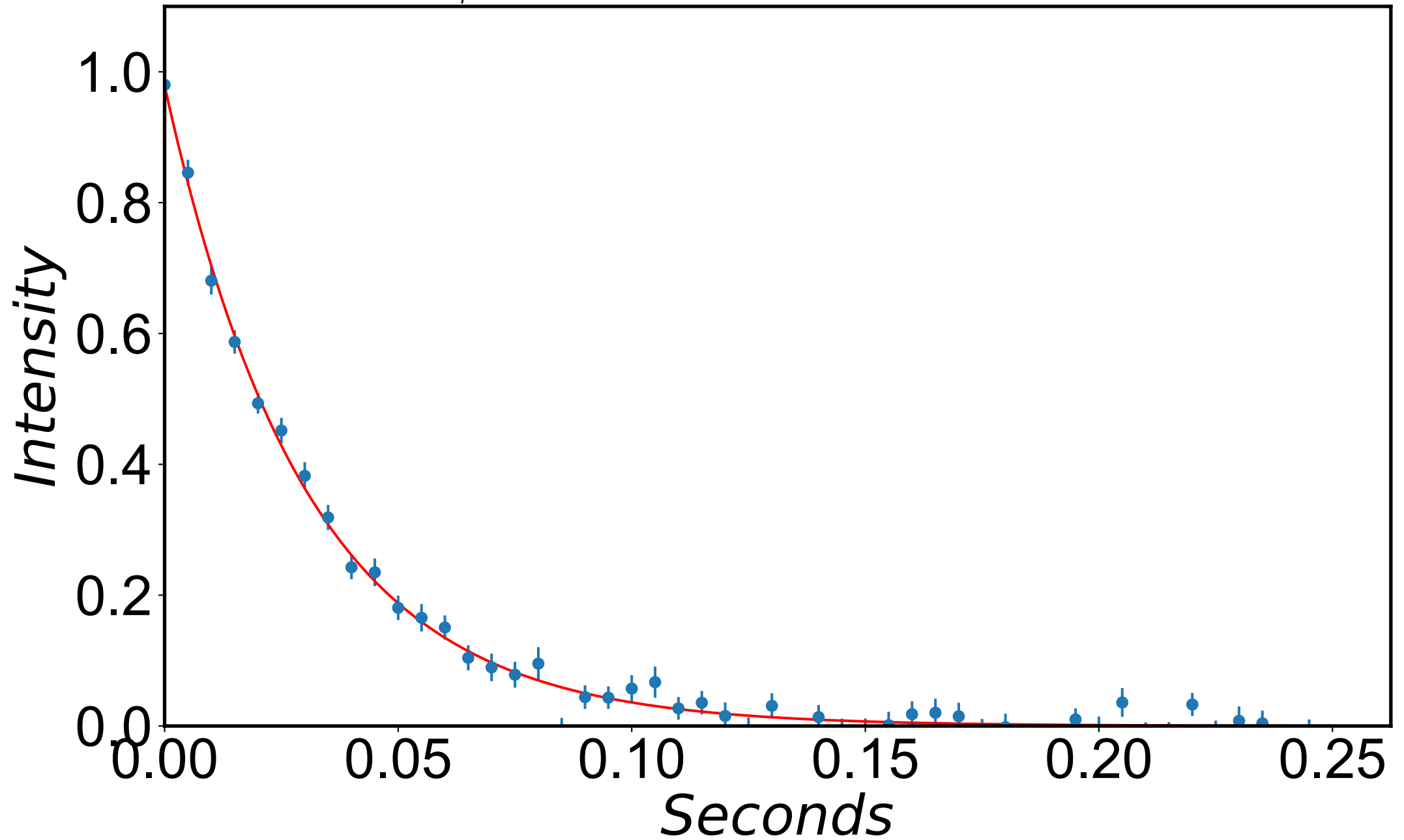
$$R_{1\rho} = 32.4 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -447 \text{ Hz}$$



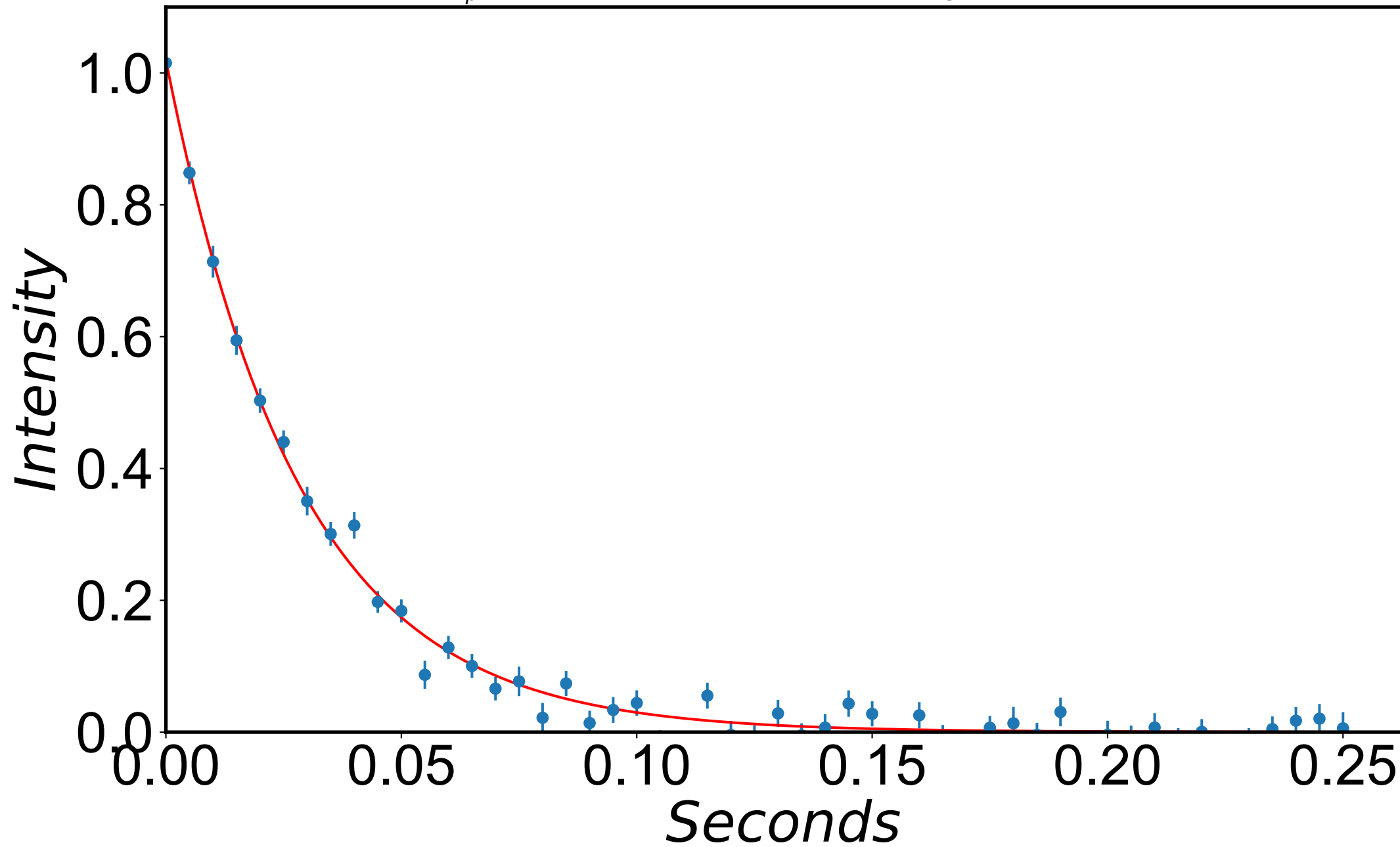
$$R_{1\rho} = 32.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -437 \text{ Hz}$$



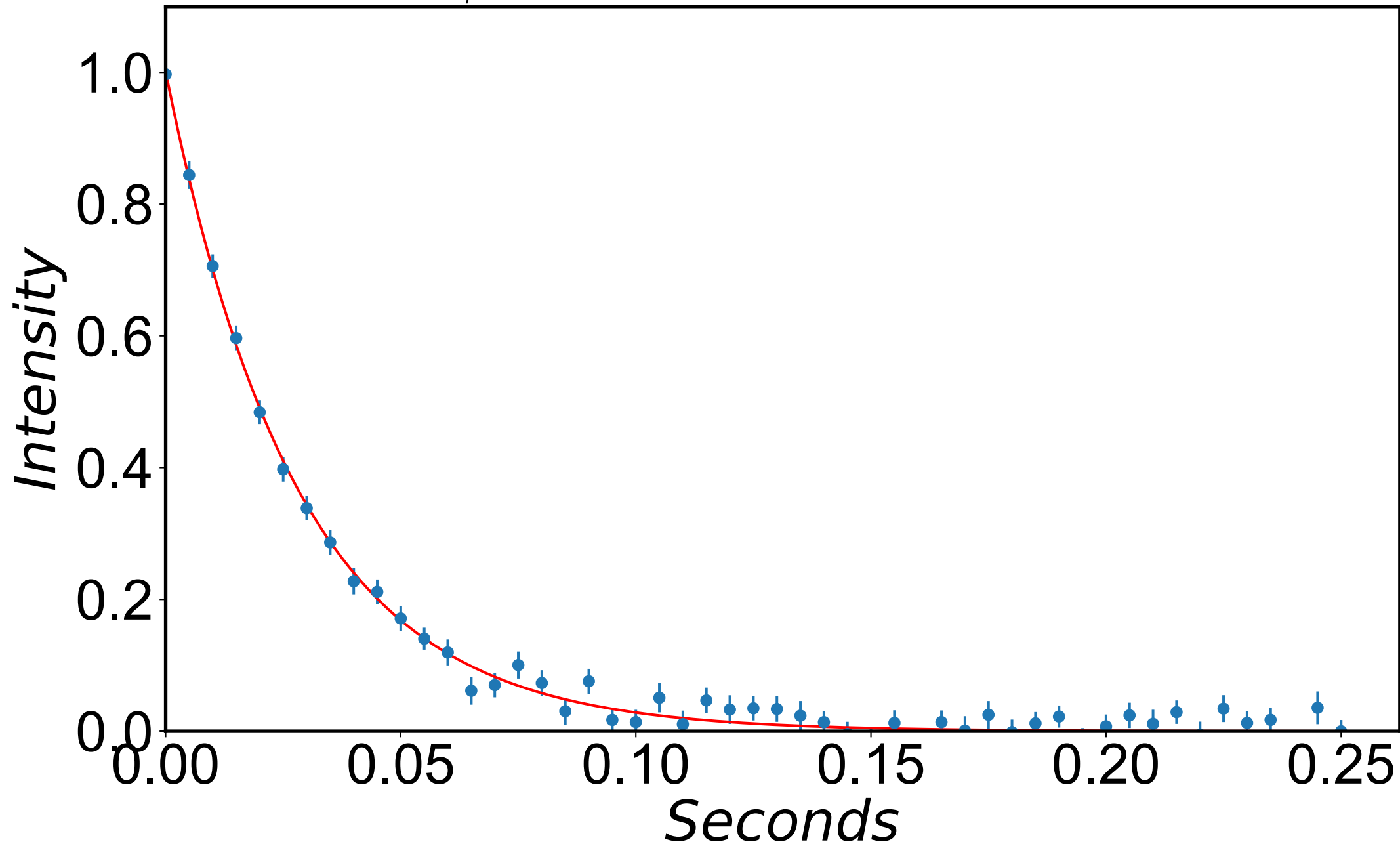
$$R_{1\rho} = 33.0 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -427 \text{ Hz}$$



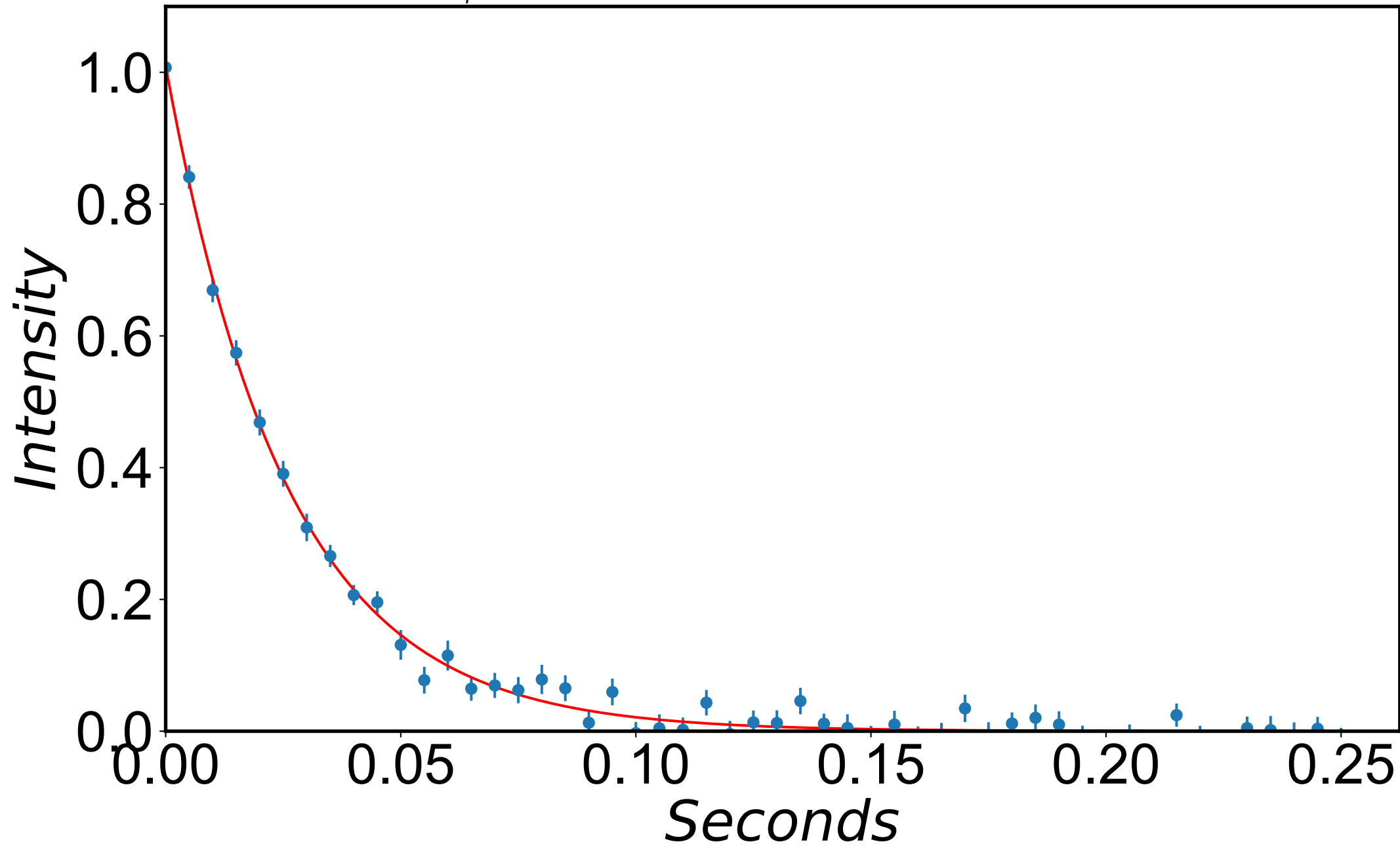
$$R_{1\rho} = 35.3 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -417 \text{ Hz}$$



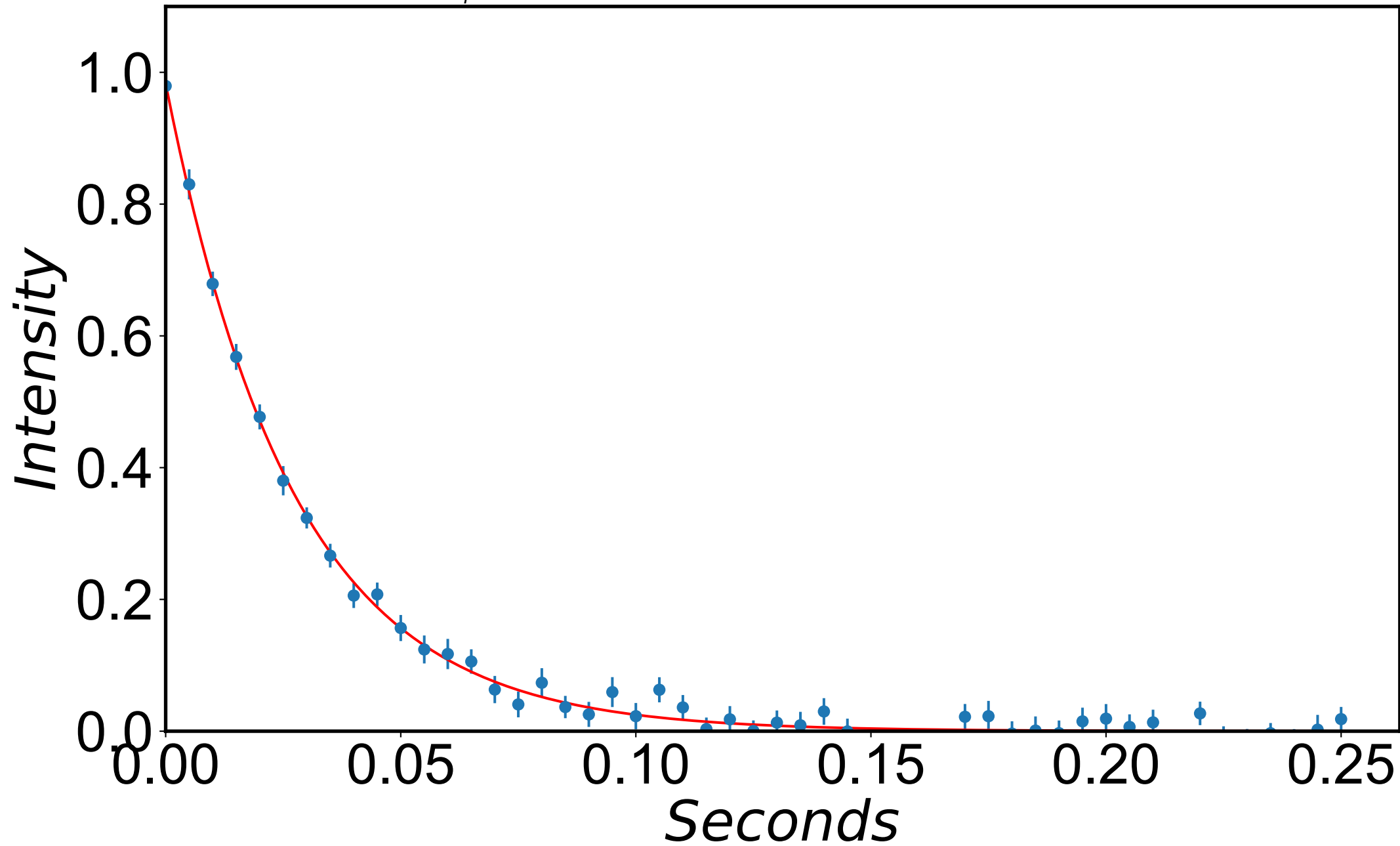
$$R_{1\rho} = 35.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -407 \text{ Hz}$$



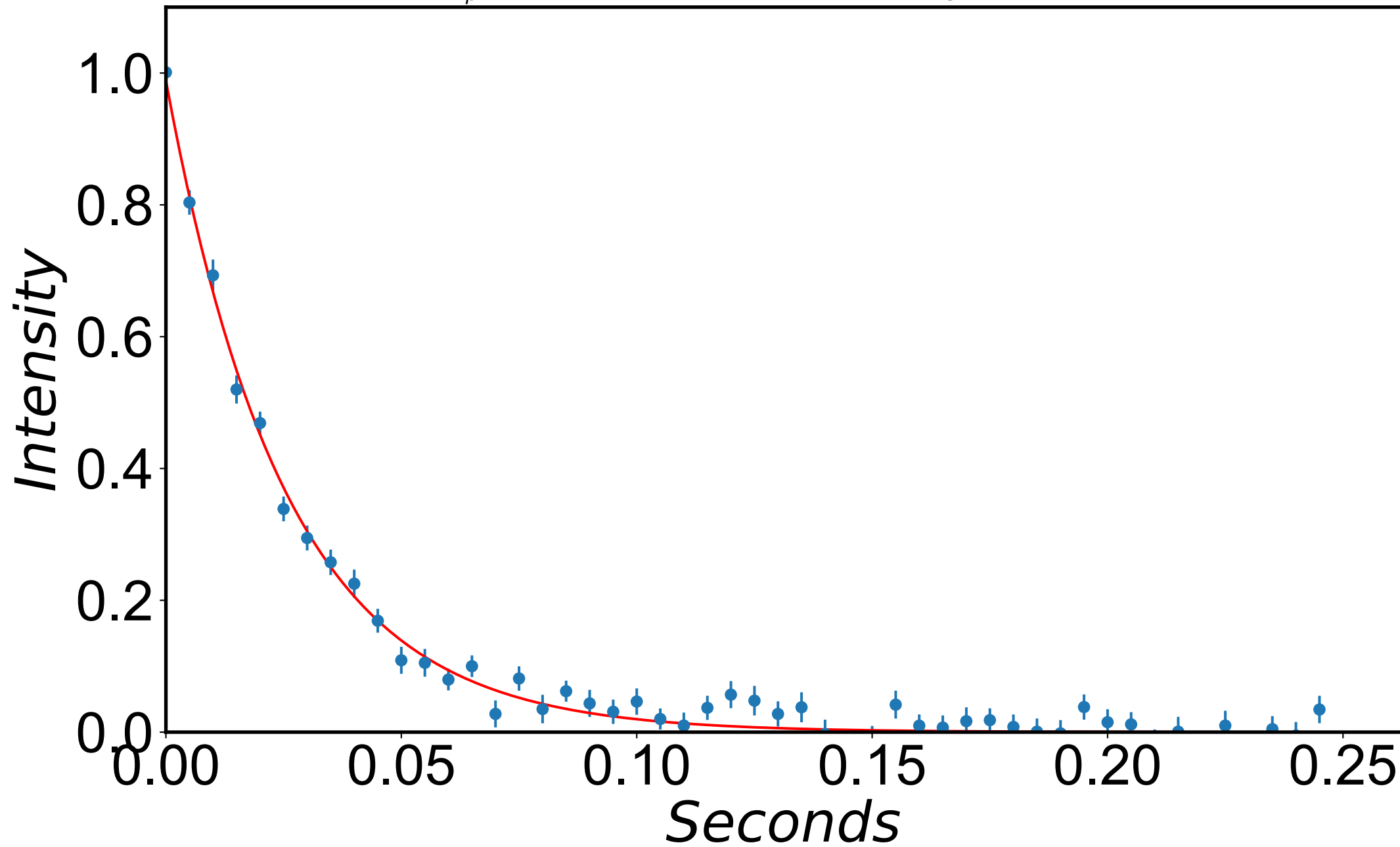
$$R_{1\rho} = 38.7 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -397 \text{ Hz}$$



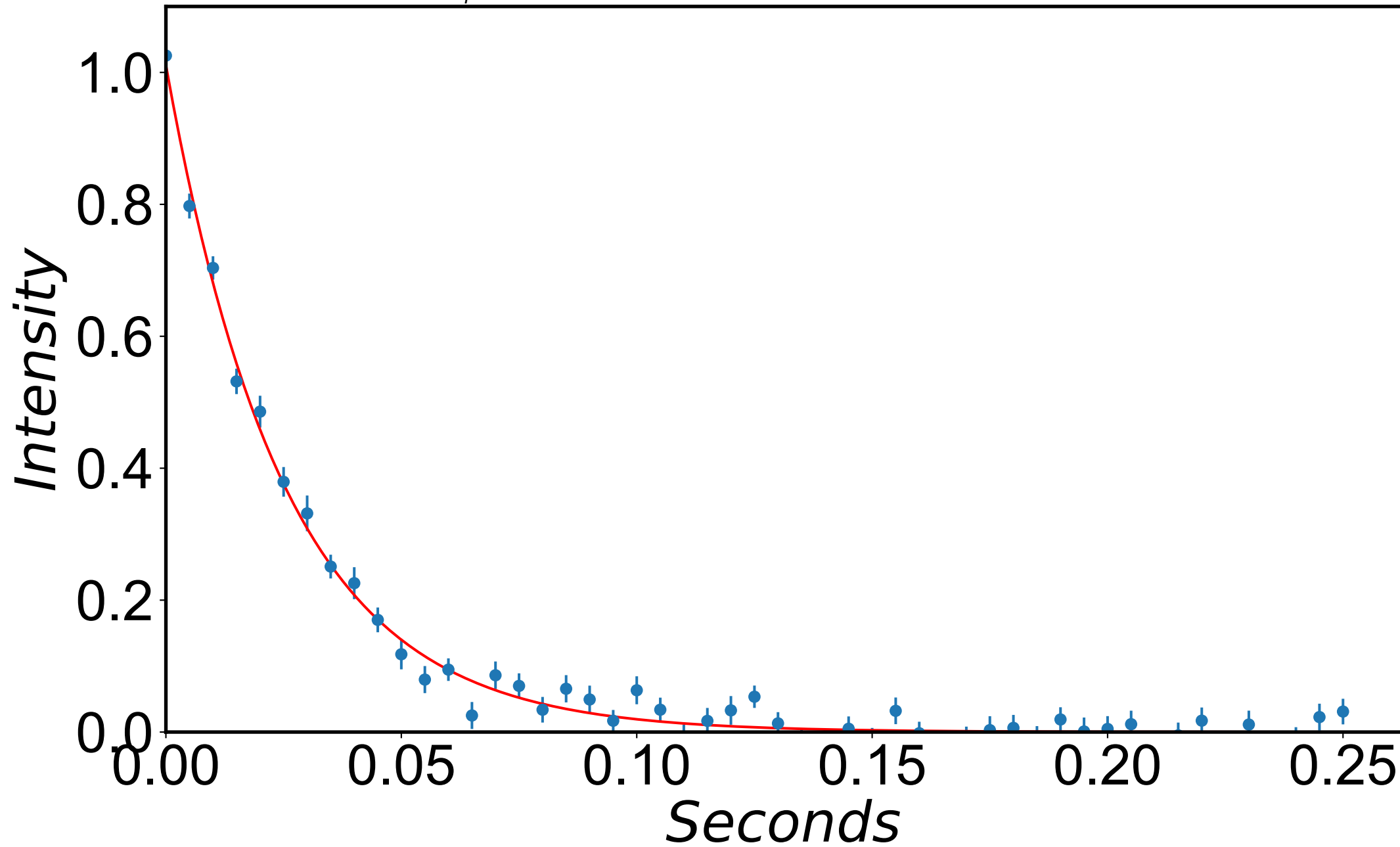
$$R_{1\rho} = 36.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -387 \text{ Hz}$$



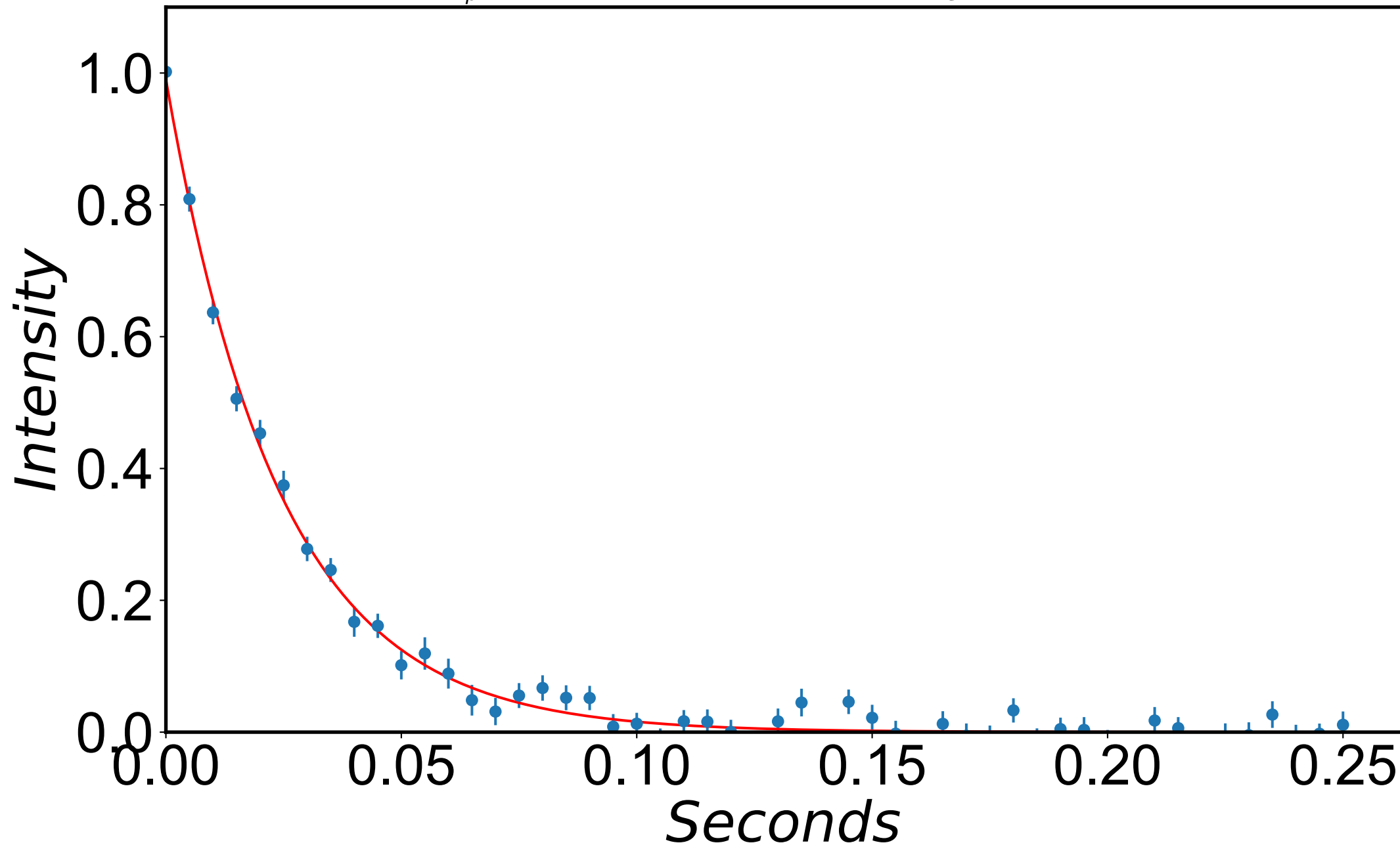
$$R_{1\rho} = 39.2 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -377 \text{ Hz}$$



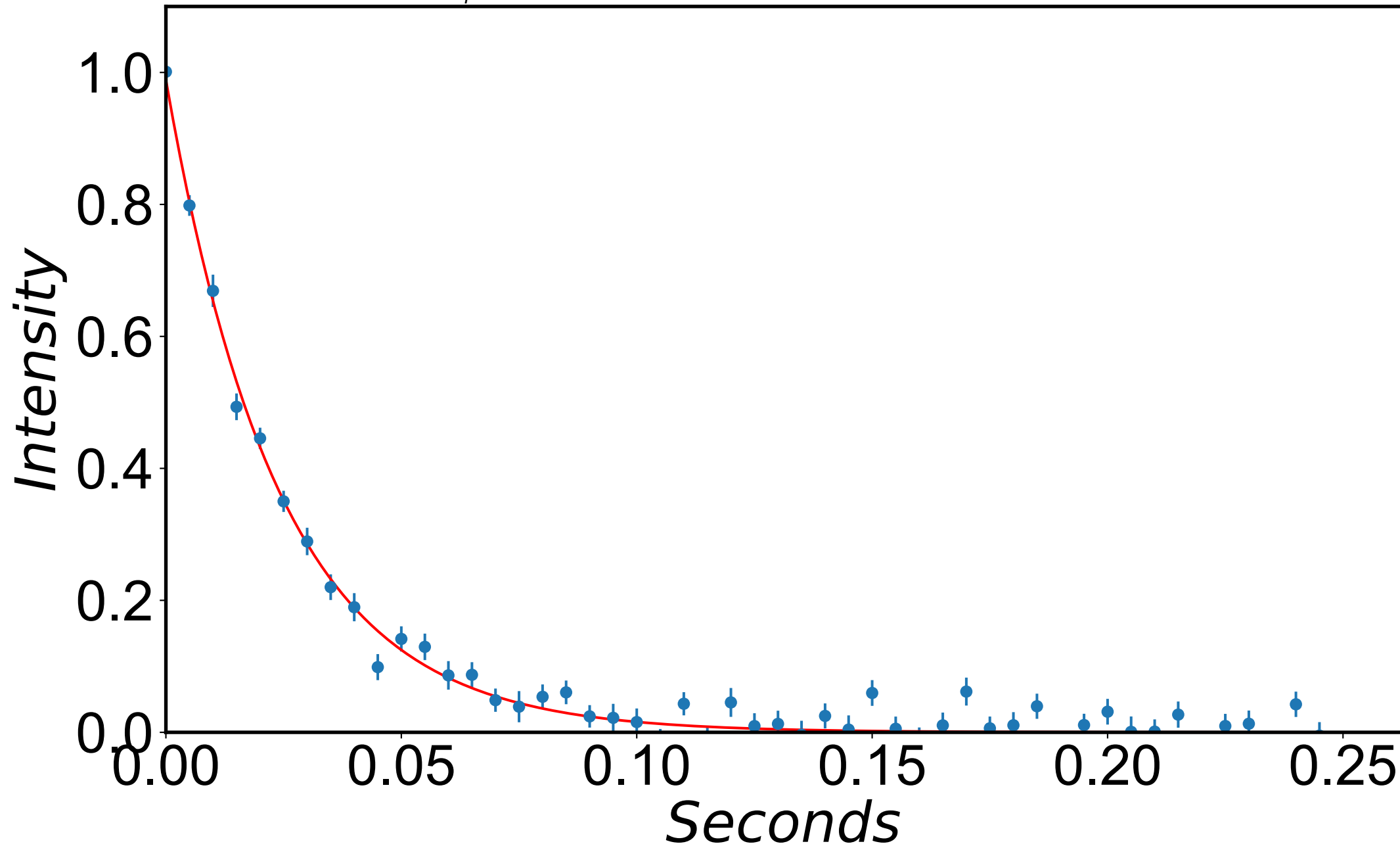
$$R_{1\rho} = 39.6 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -367 \text{ Hz}$$



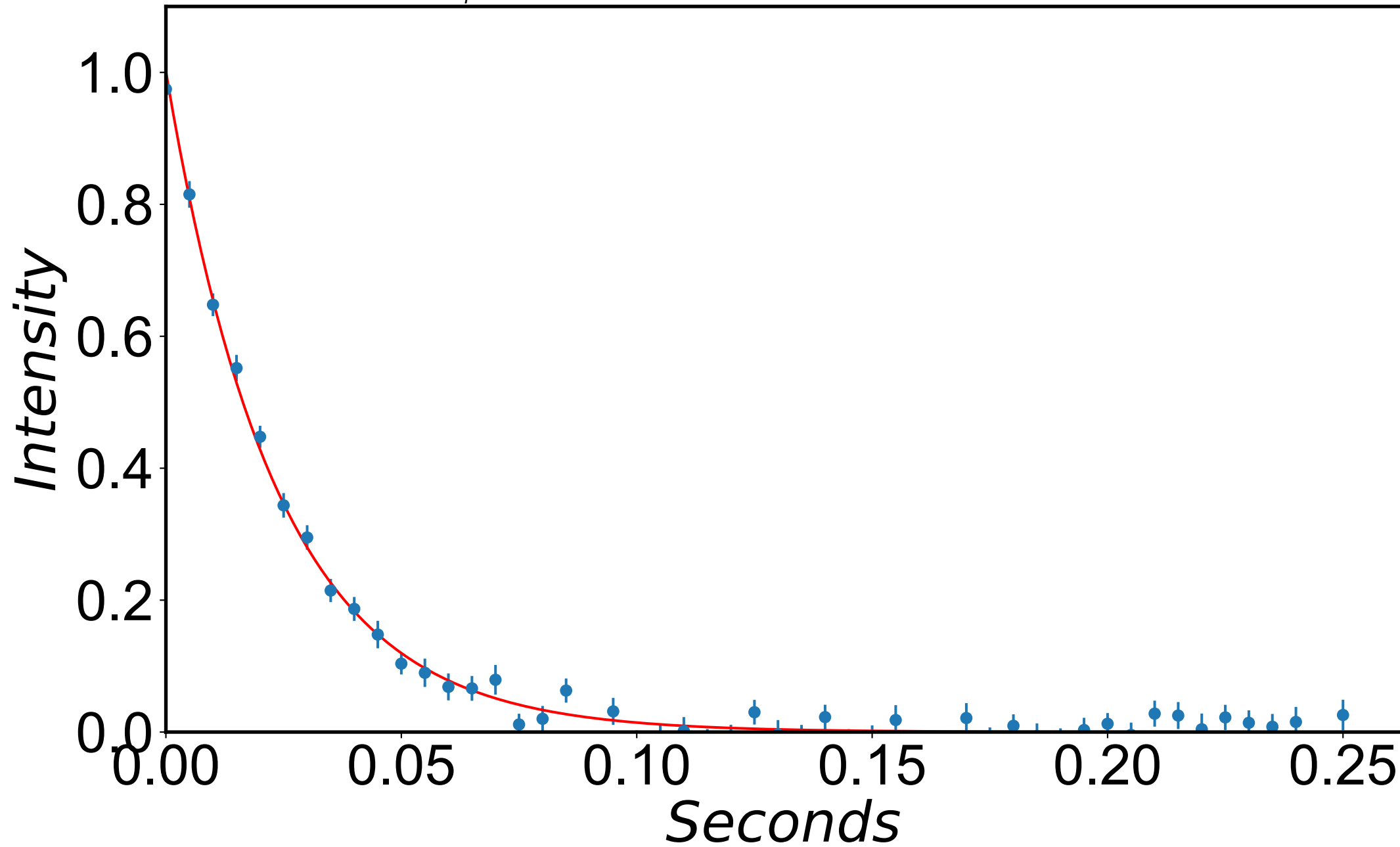
$$R_{1\rho} = 41.4 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -357 \text{ Hz}$$



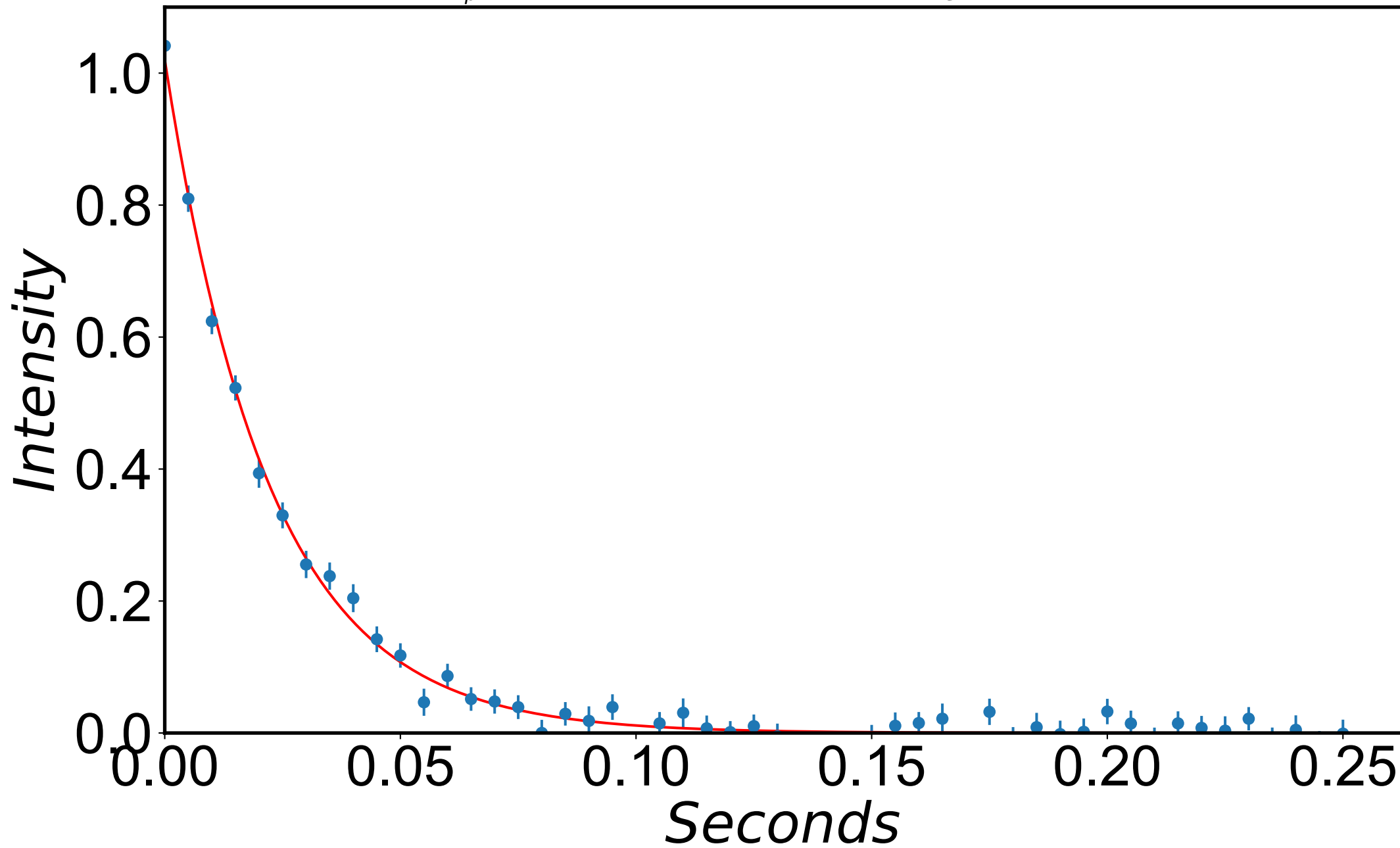
$$R_{1\rho} = 41.4 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -347 \text{ Hz}$$



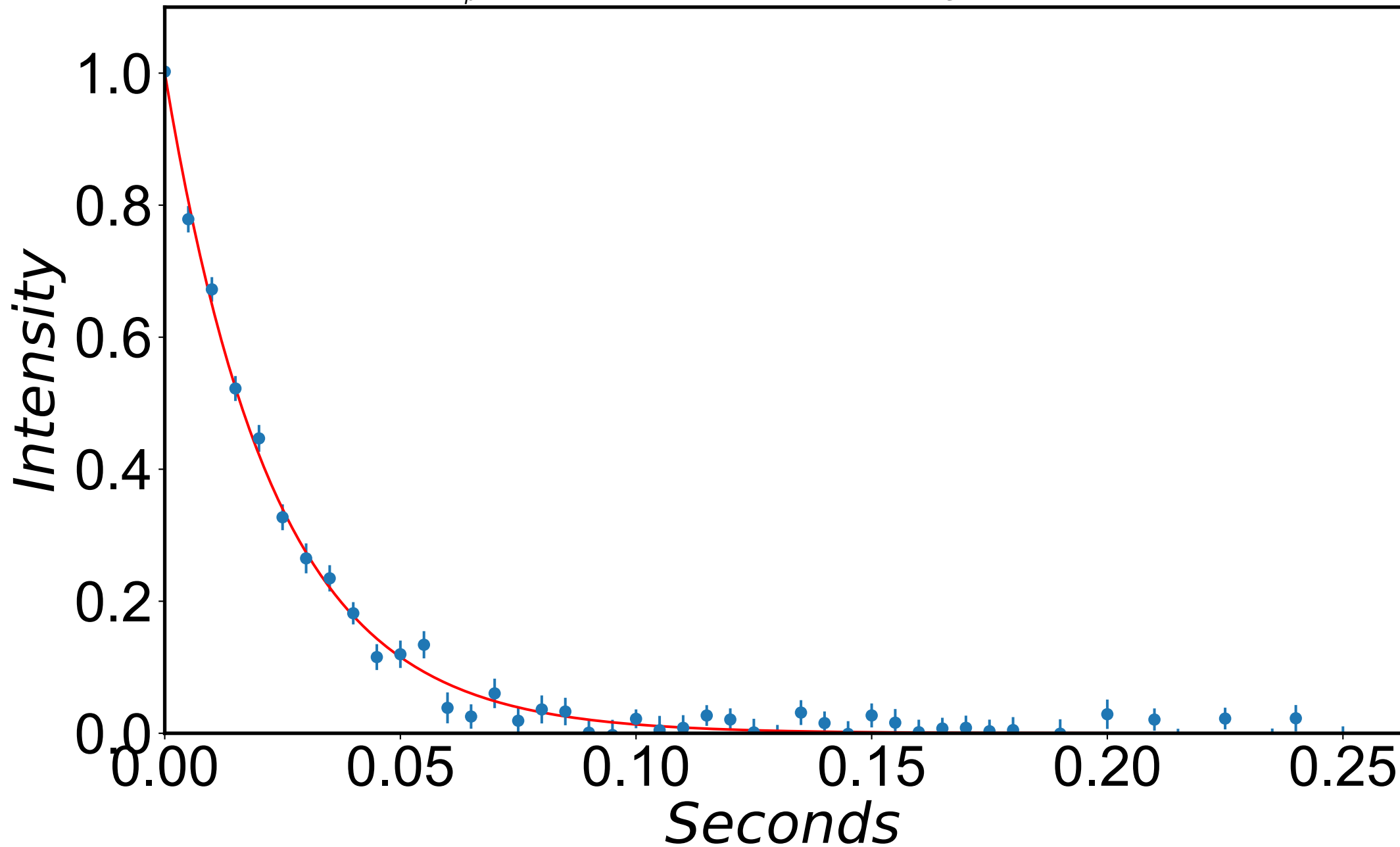
$$R_{1\rho} = 42.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -337 \text{ Hz}$$



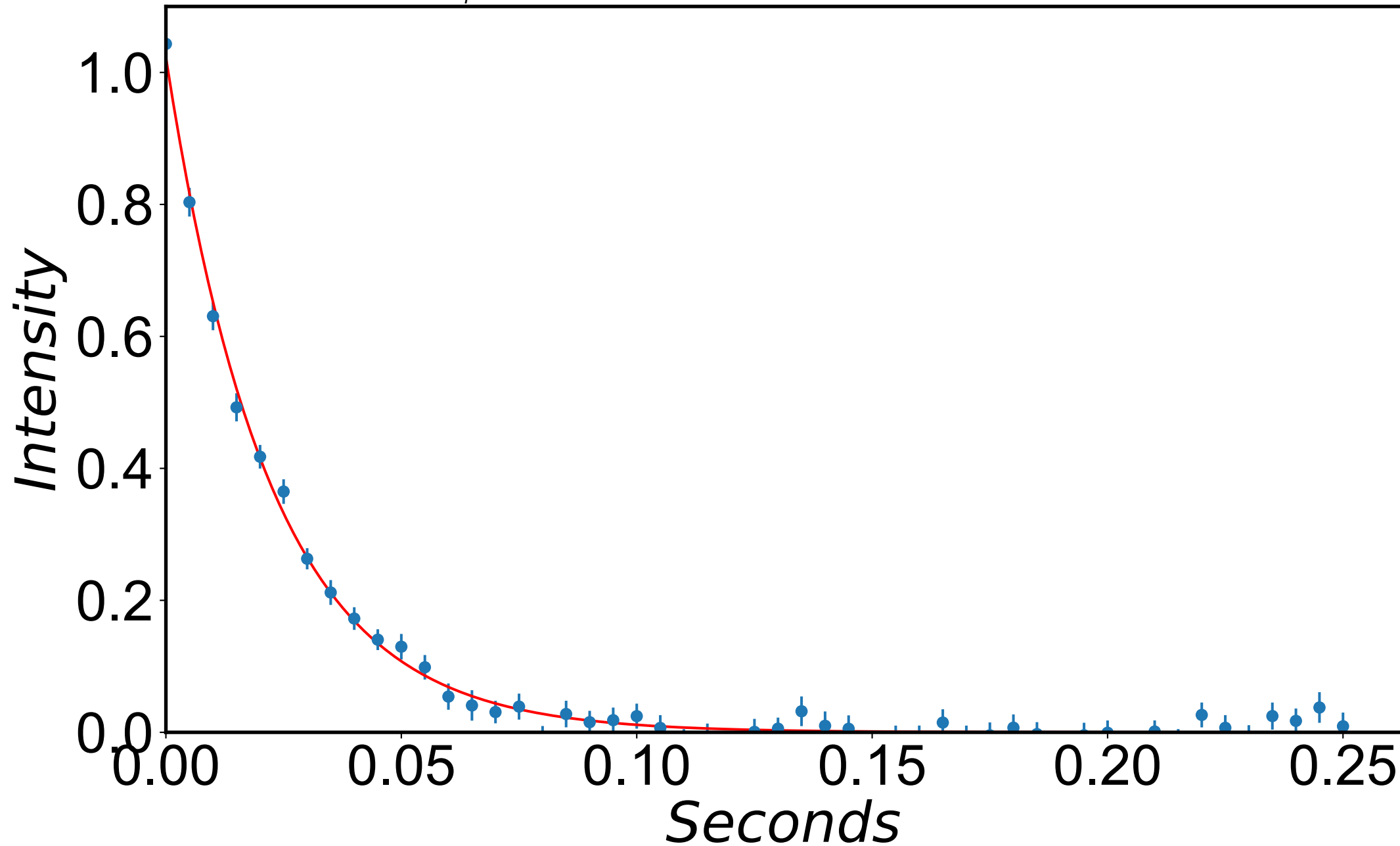
$$R_{1\rho} = 45.0 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -327 \text{ Hz}$$



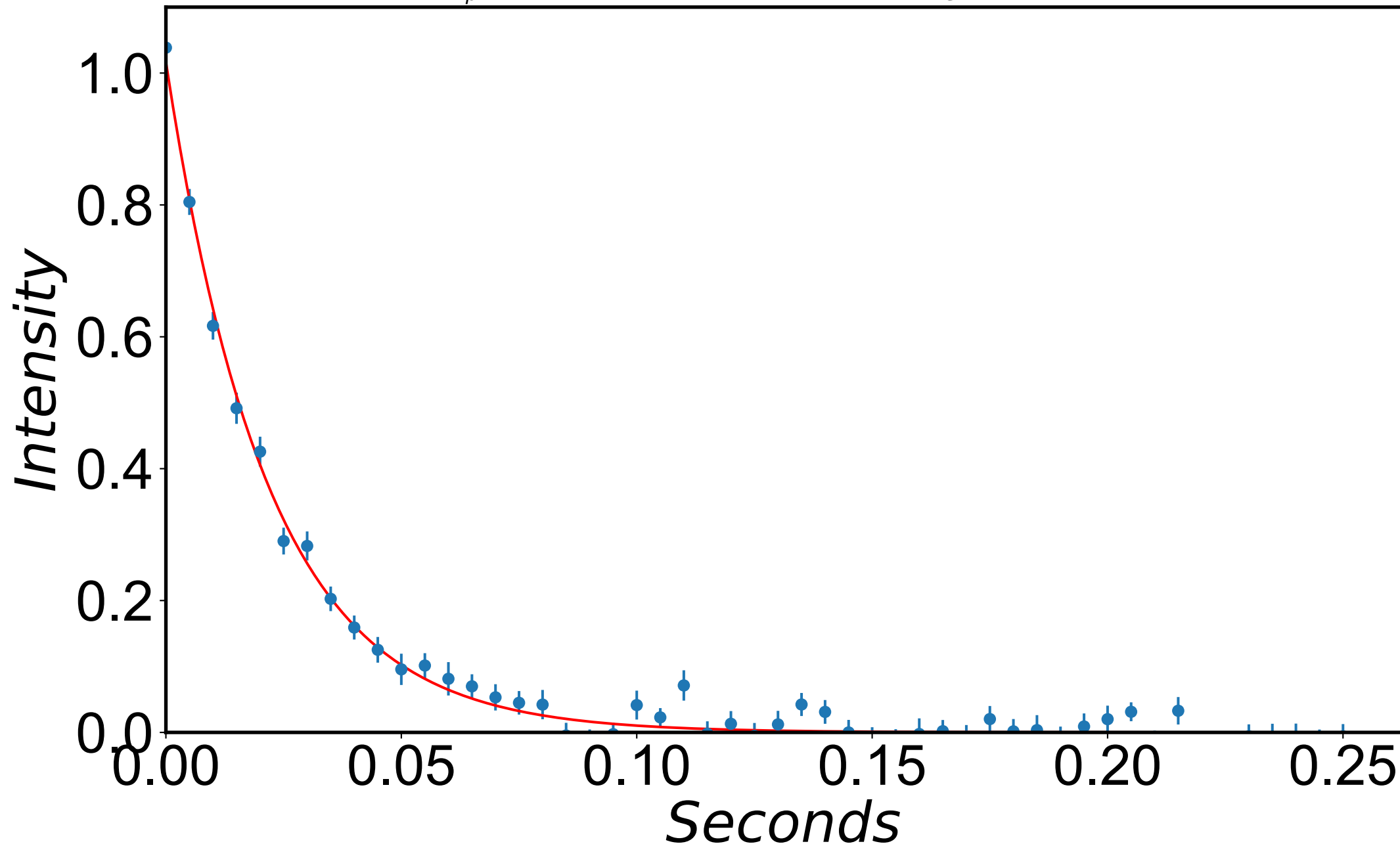
$$R_{1\rho} = 43.2 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -317 \text{ Hz}$$



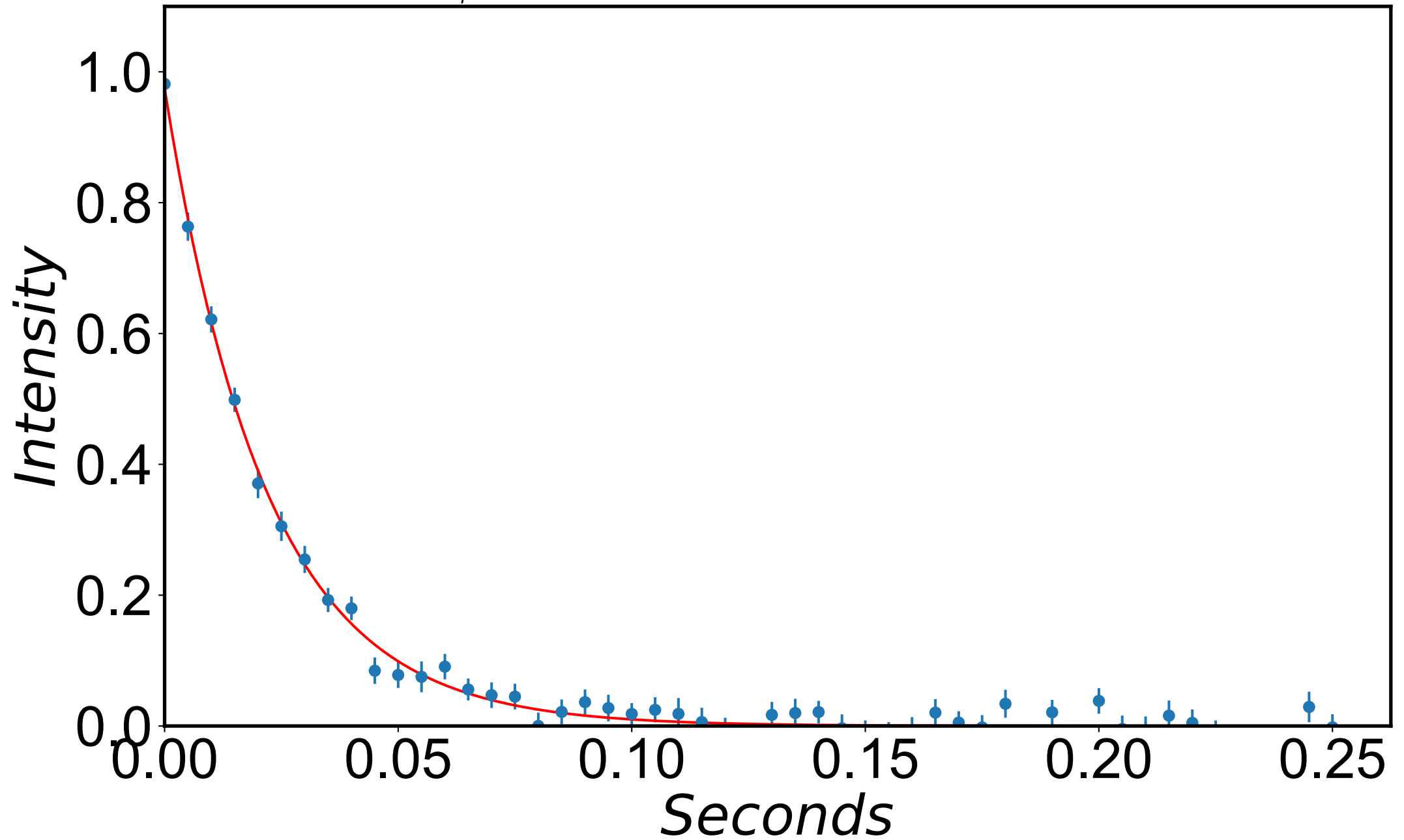
$$R_{1\rho} = 45.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -307 \text{ Hz}$$



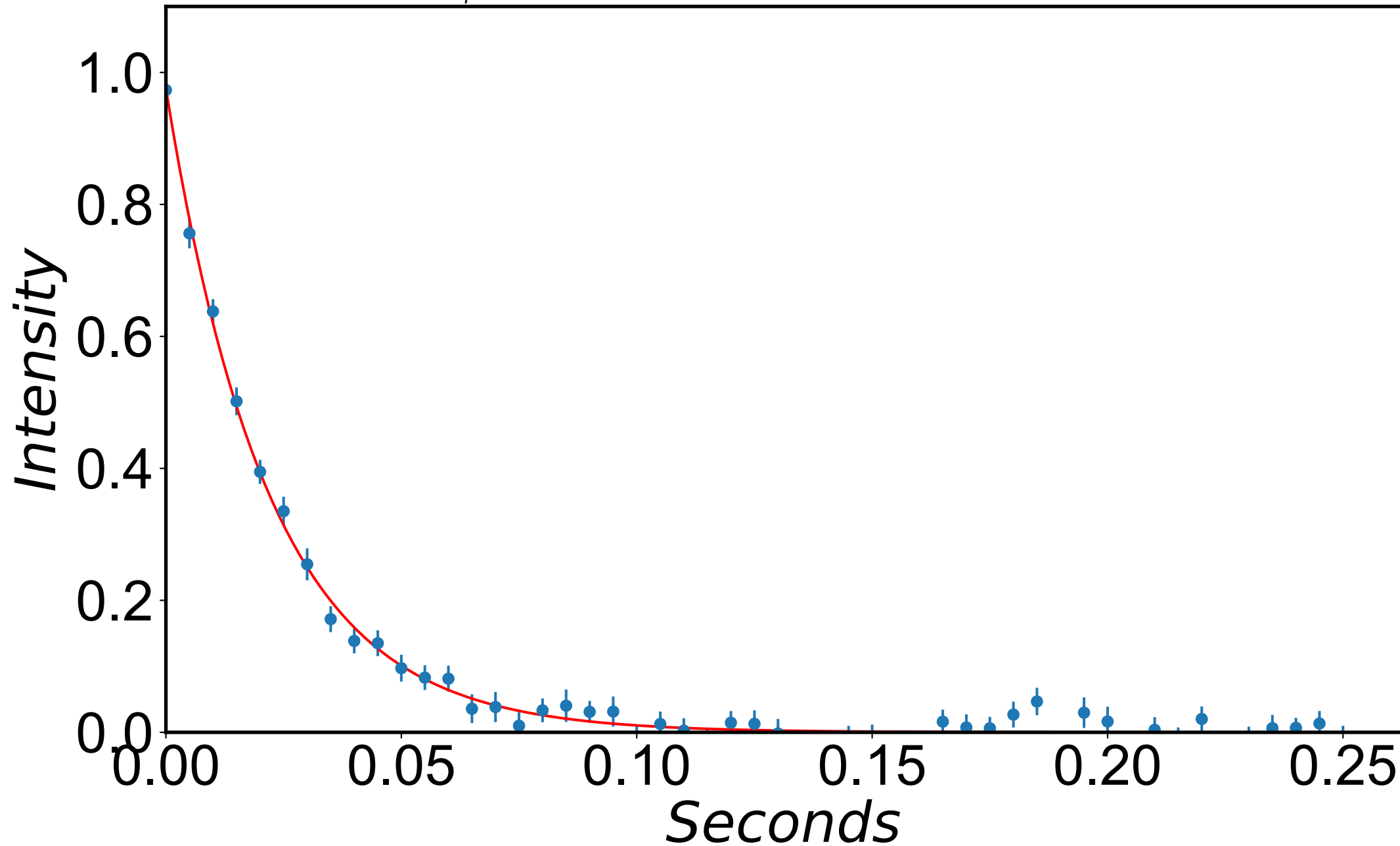
$$R_{1\rho} = 45.9 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -296 \text{ Hz}$$



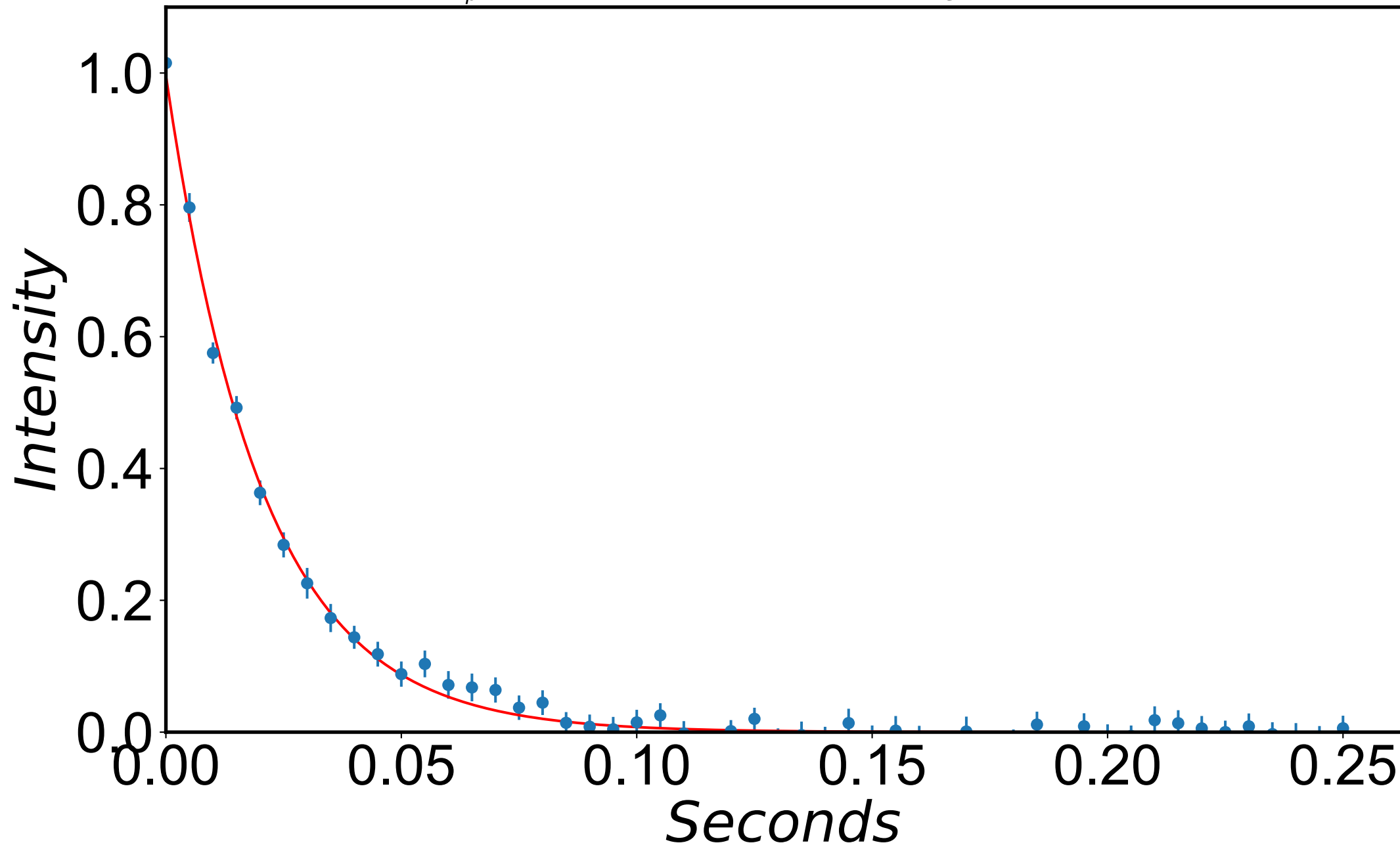
$$R_{1\rho} = 45.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -286 \text{ Hz}$$



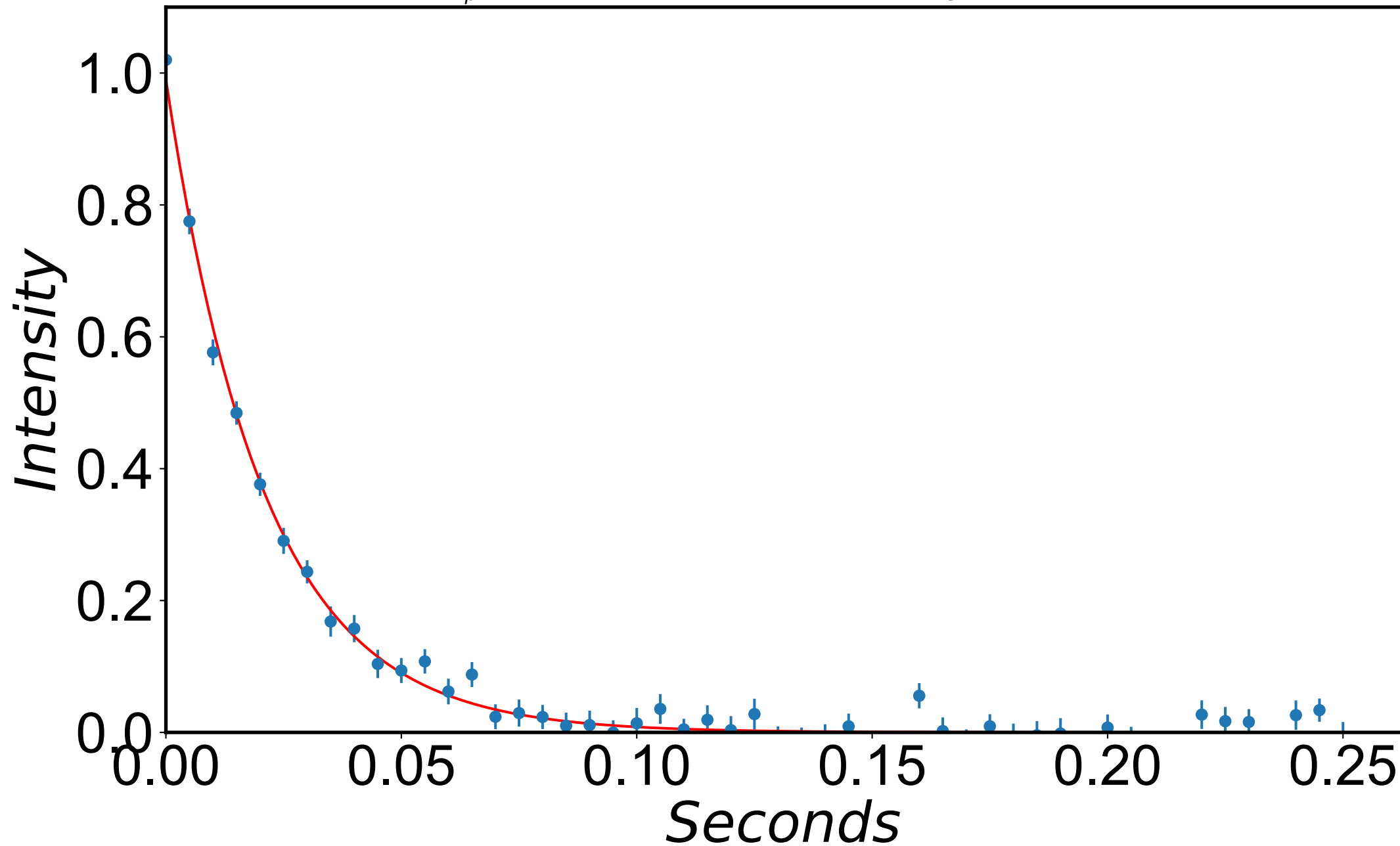
$$R_{1\rho} = 45.4 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -276 \text{ Hz}$$



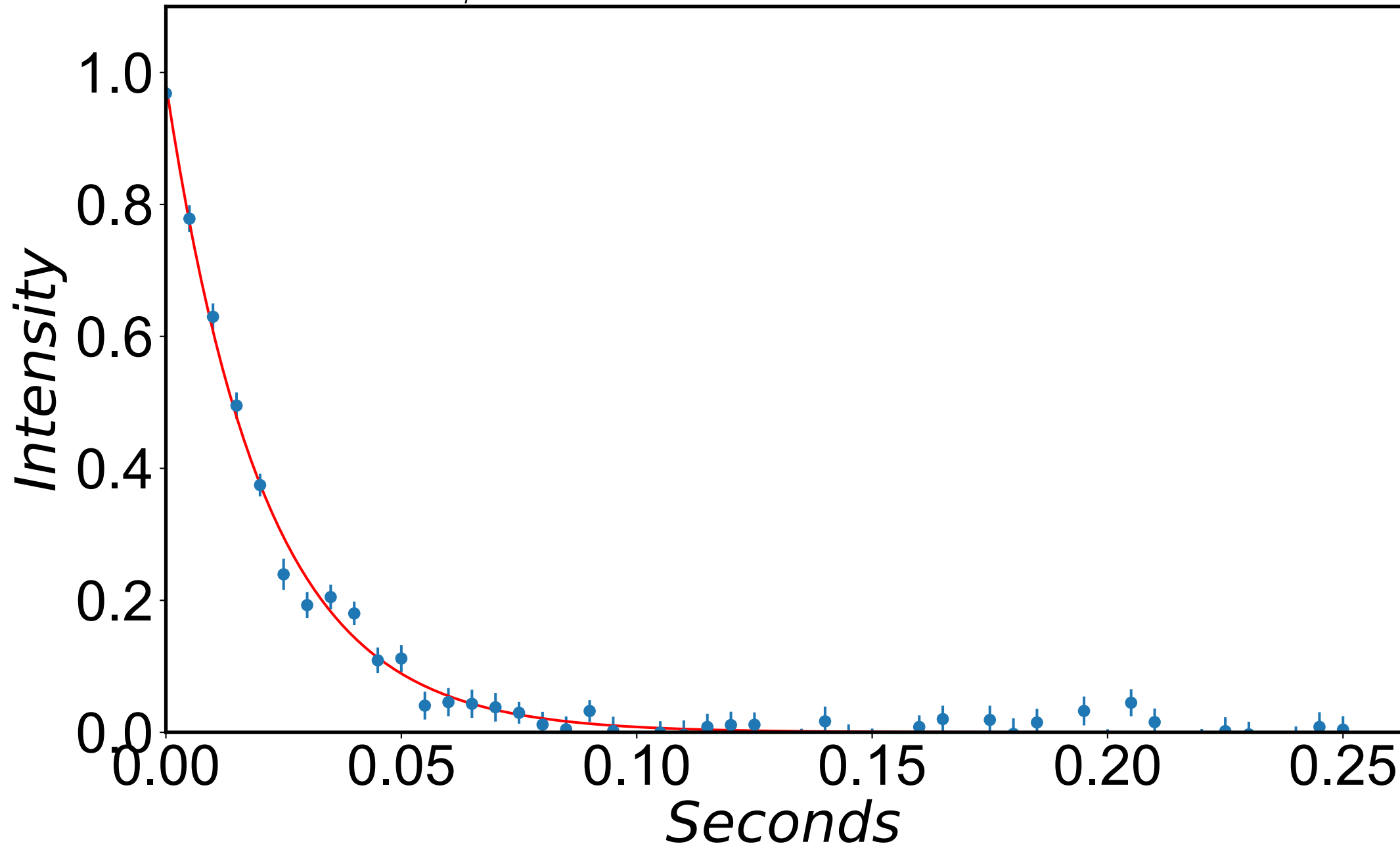
$$R_{1\rho} = 48.7 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -266 \text{ Hz}$$



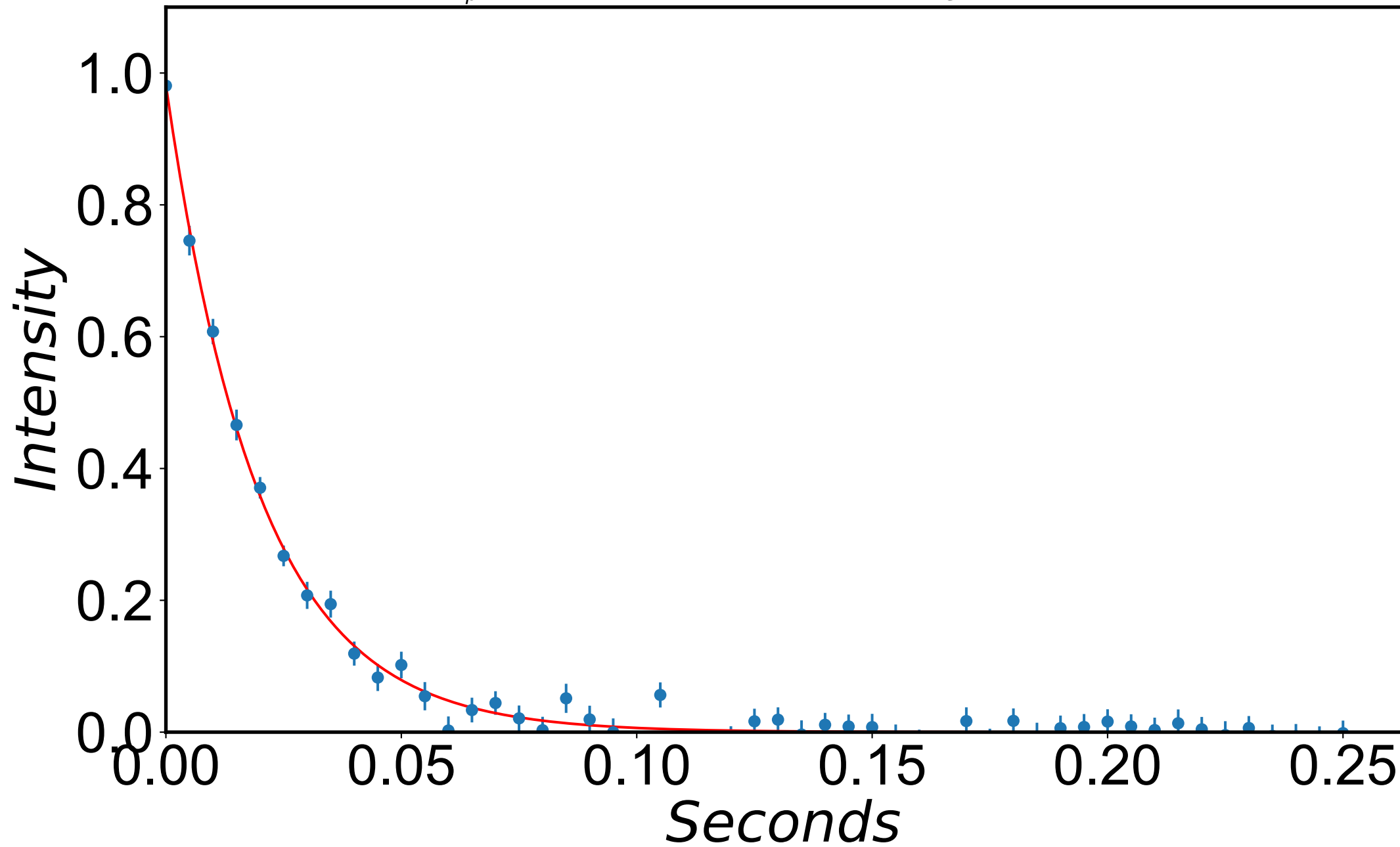
$$R_{1\rho} = 47.9 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -256 \text{ Hz}$$



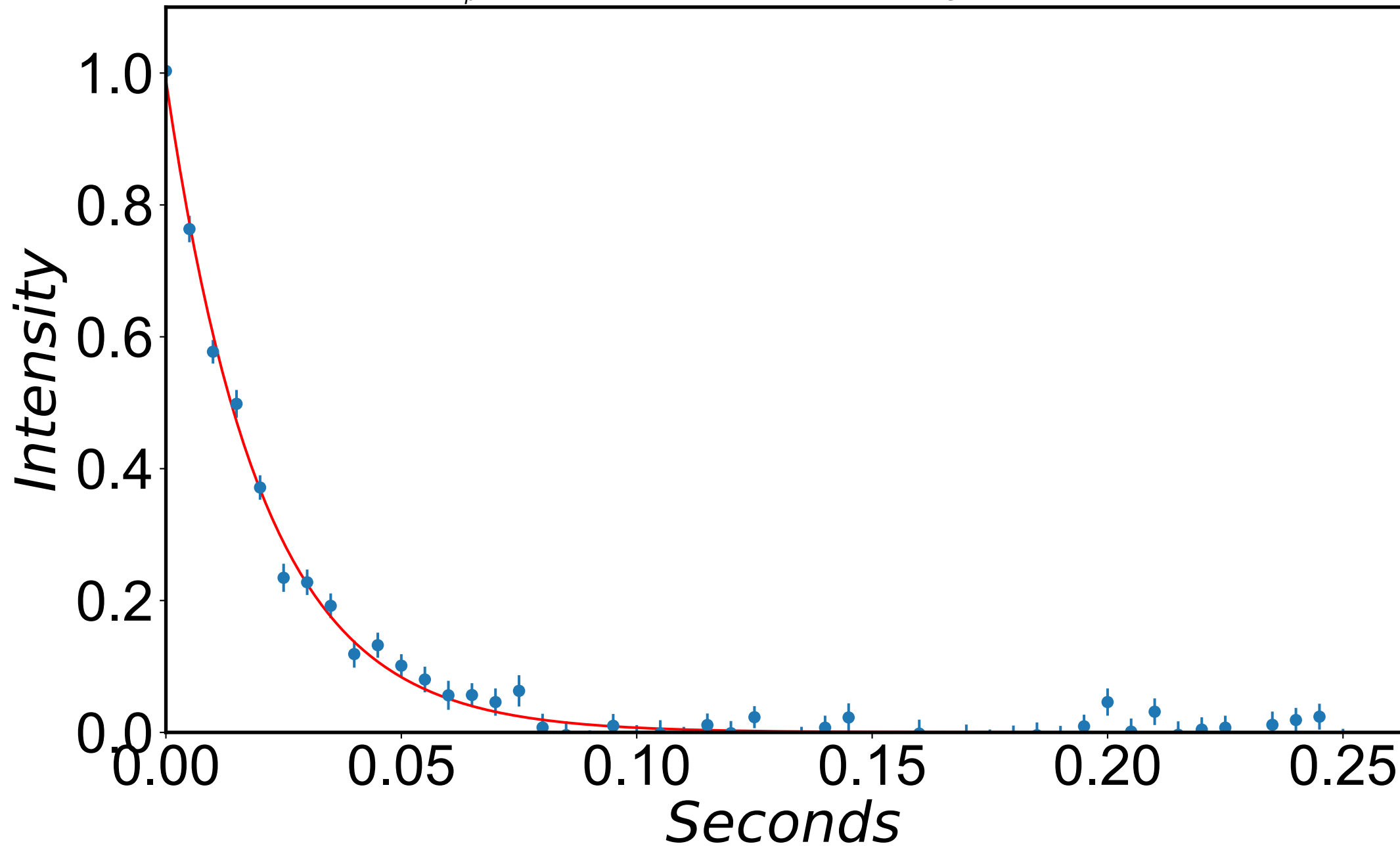
$$R_{1\rho} = 48.0 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -246 \text{ Hz}$$



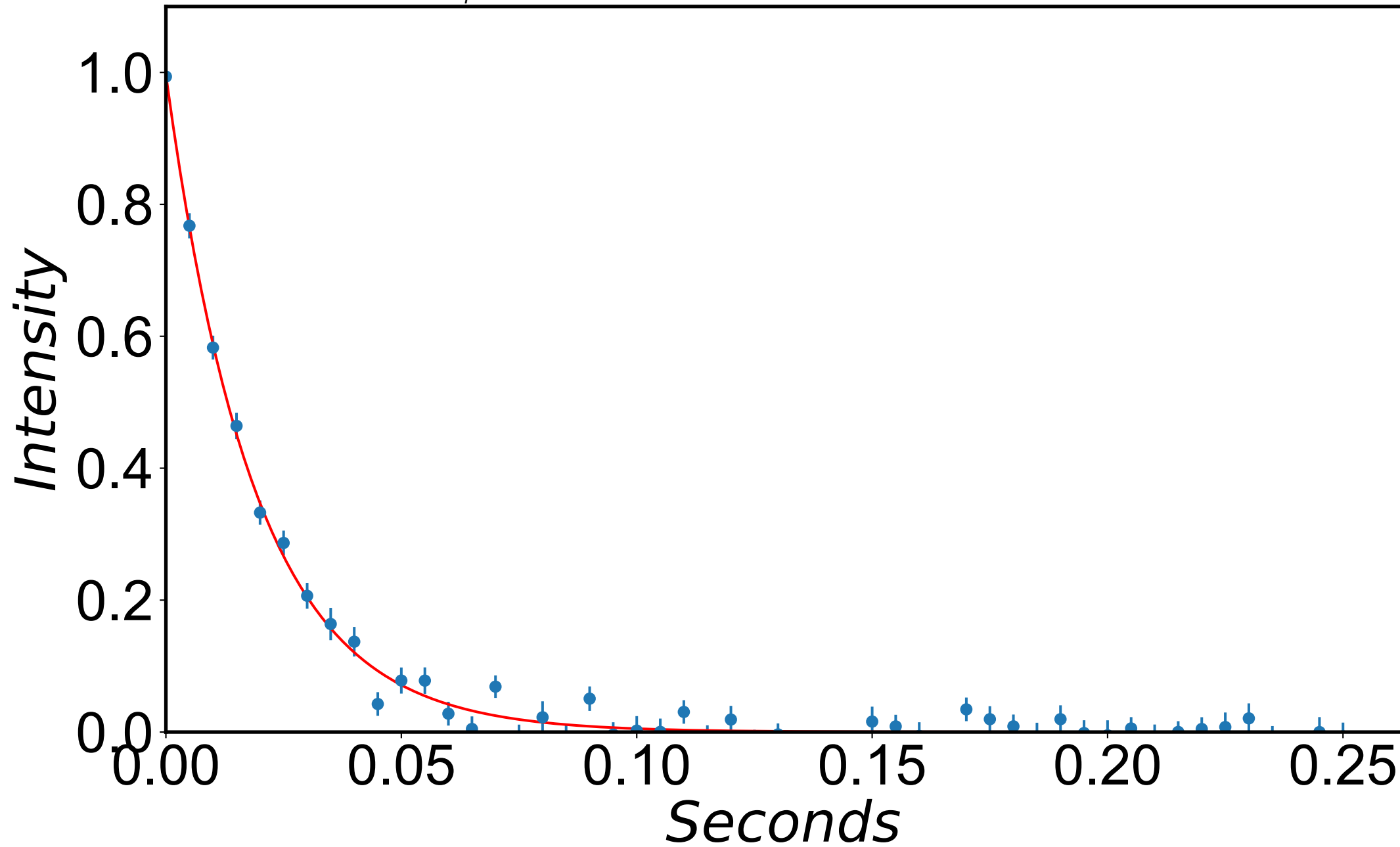
$$R_{1\rho} = 50.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -236 \text{ Hz}$$



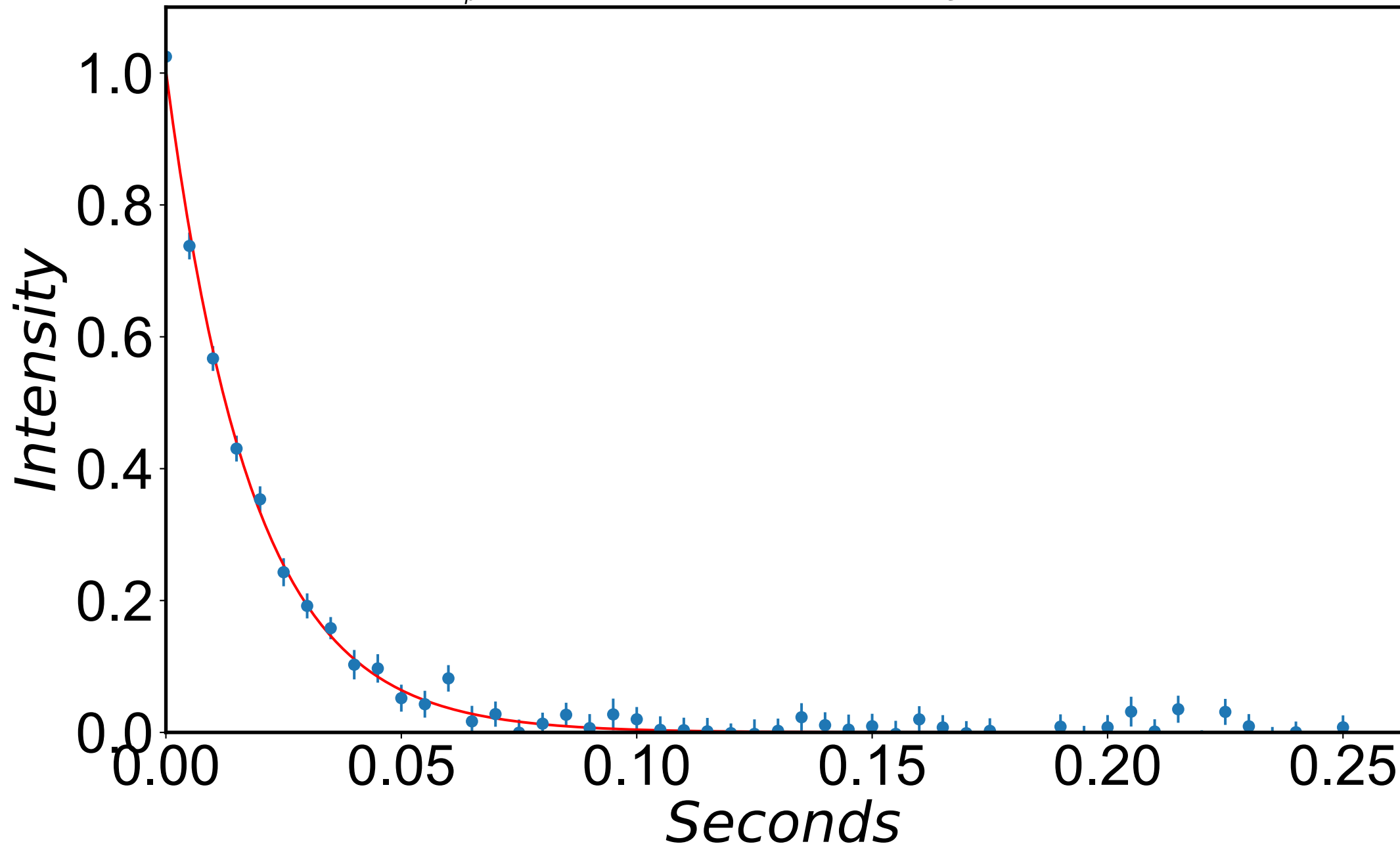
$$R_{1\rho} = 49.4 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -226 \text{ Hz}$$



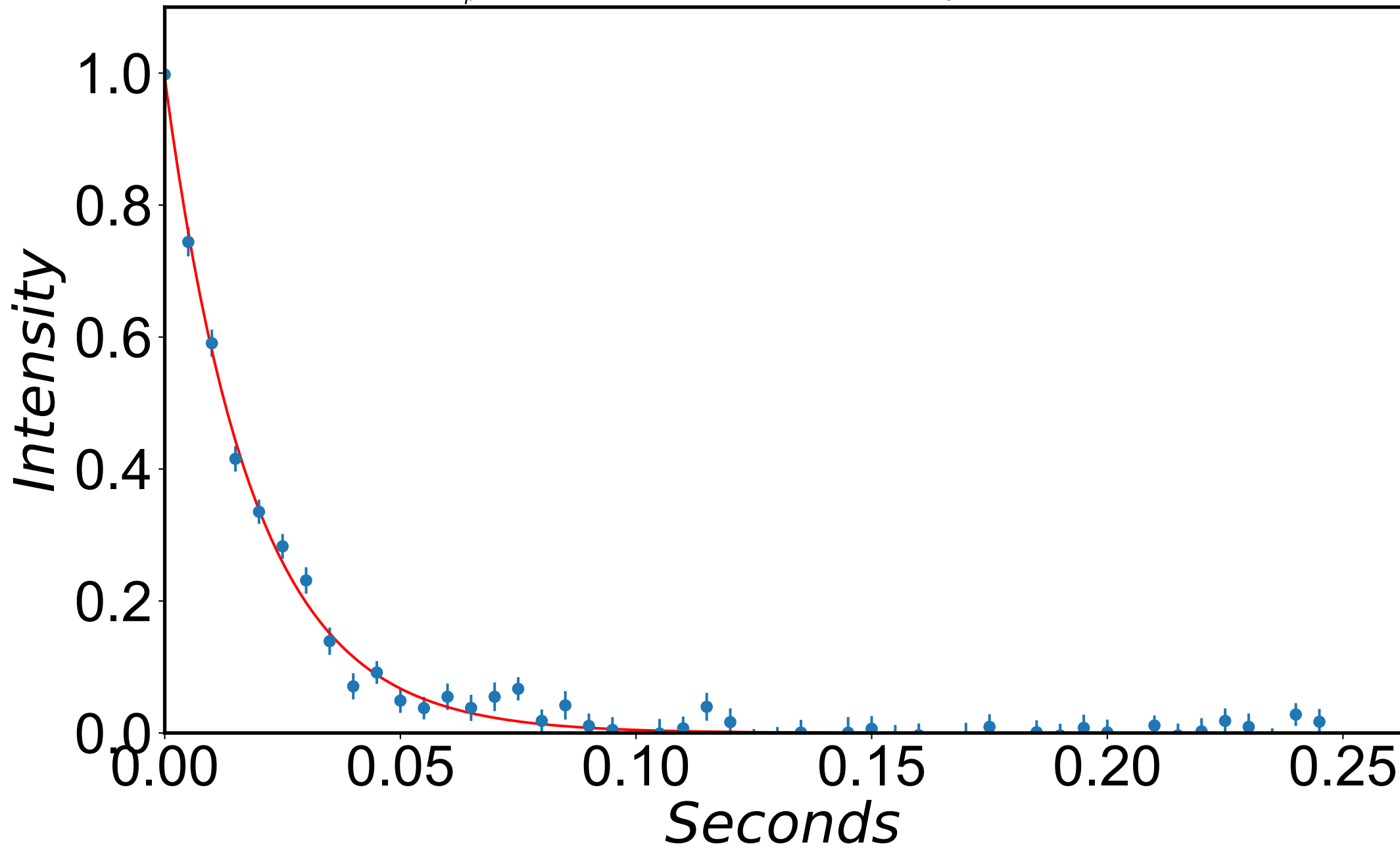
$$R_{1\rho} = 52.8 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -216 \text{ Hz}$$



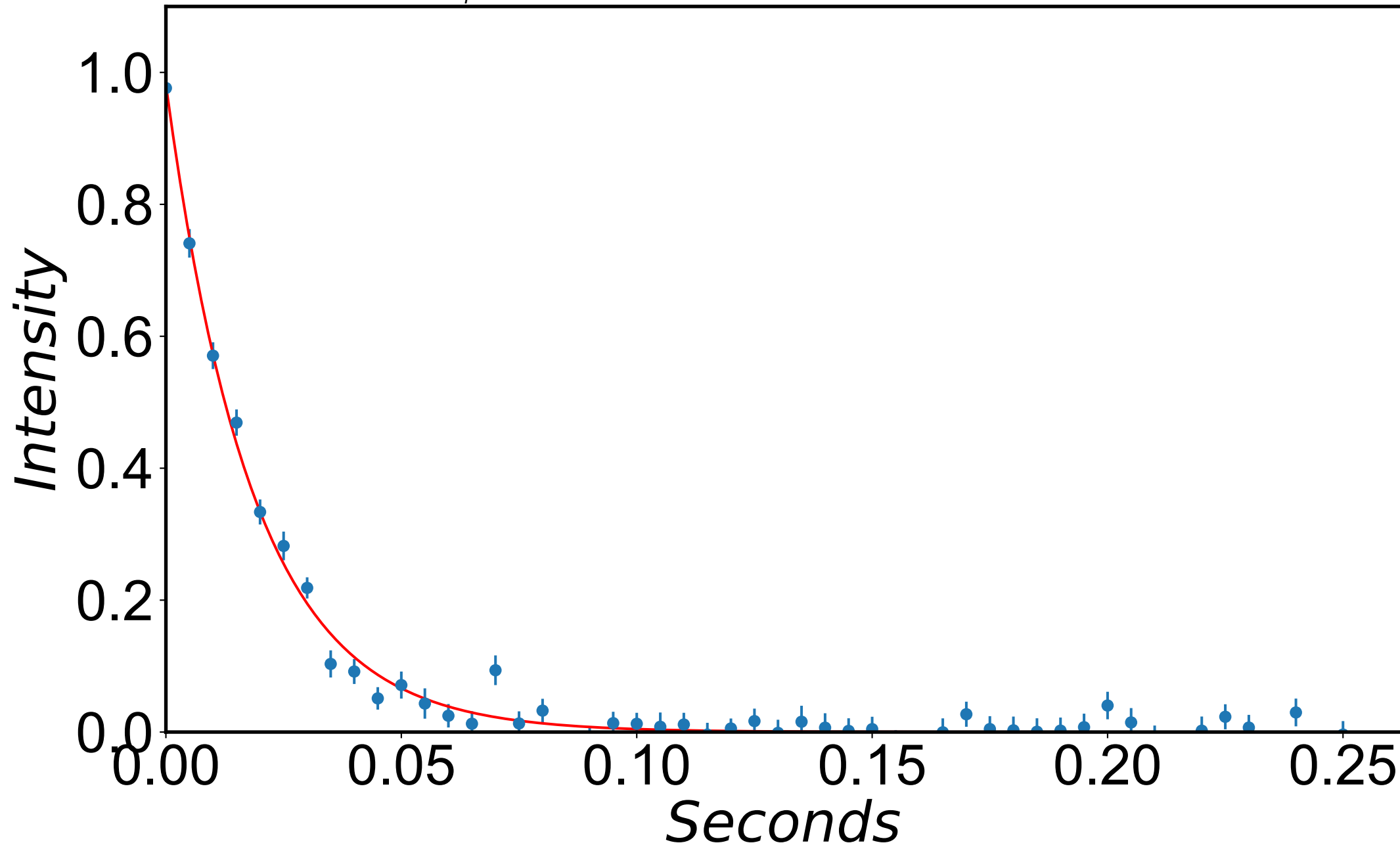
$$R_{1\rho} = 55.0 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -206 \text{ Hz}$$



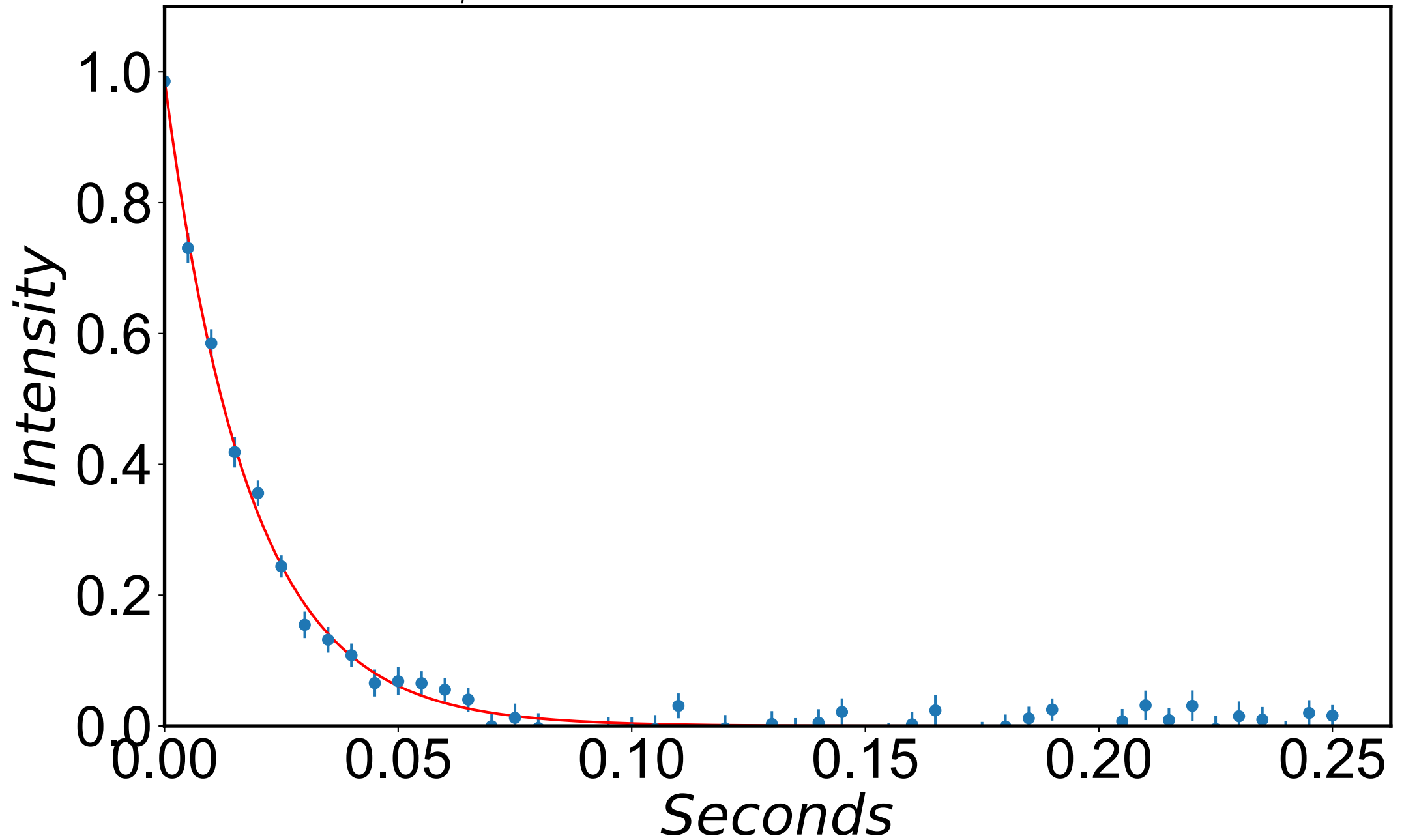
$$R_{1\rho} = 53.8 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -196 \text{ Hz}$$



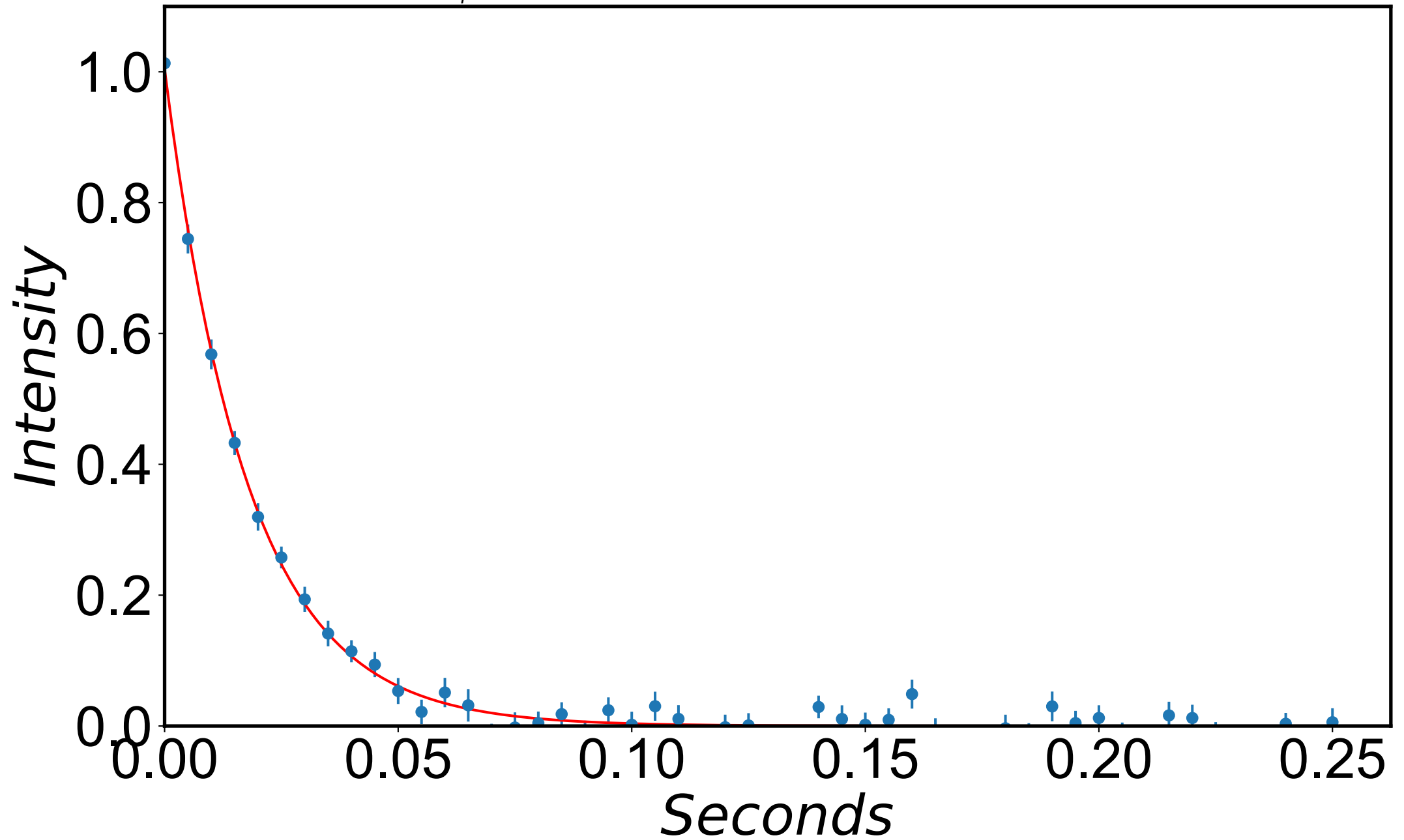
$$R_{1\rho} = 53.9 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -186 \text{ Hz}$$



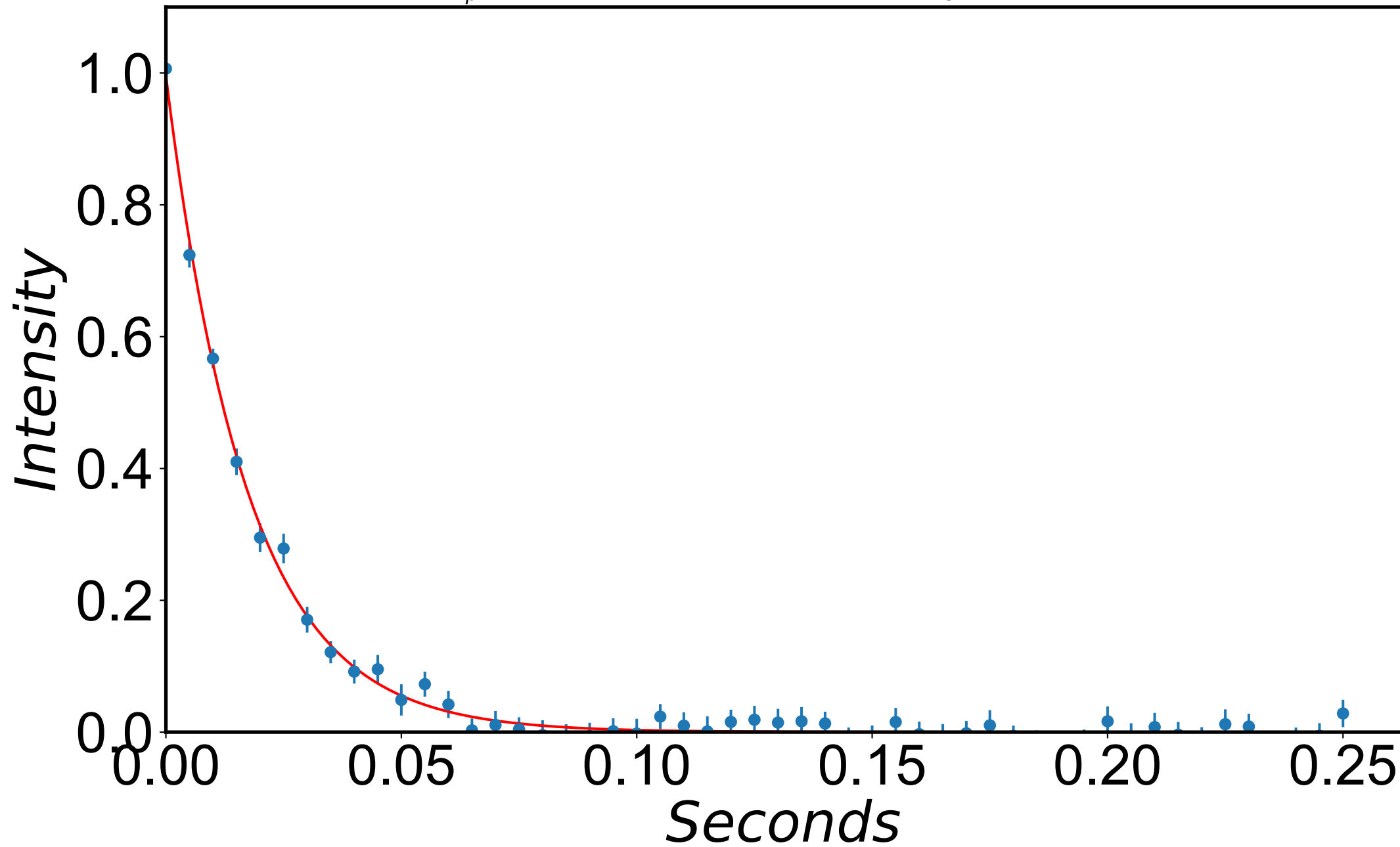
$$R_{1\rho} = 55.6 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -176 \text{ Hz}$$



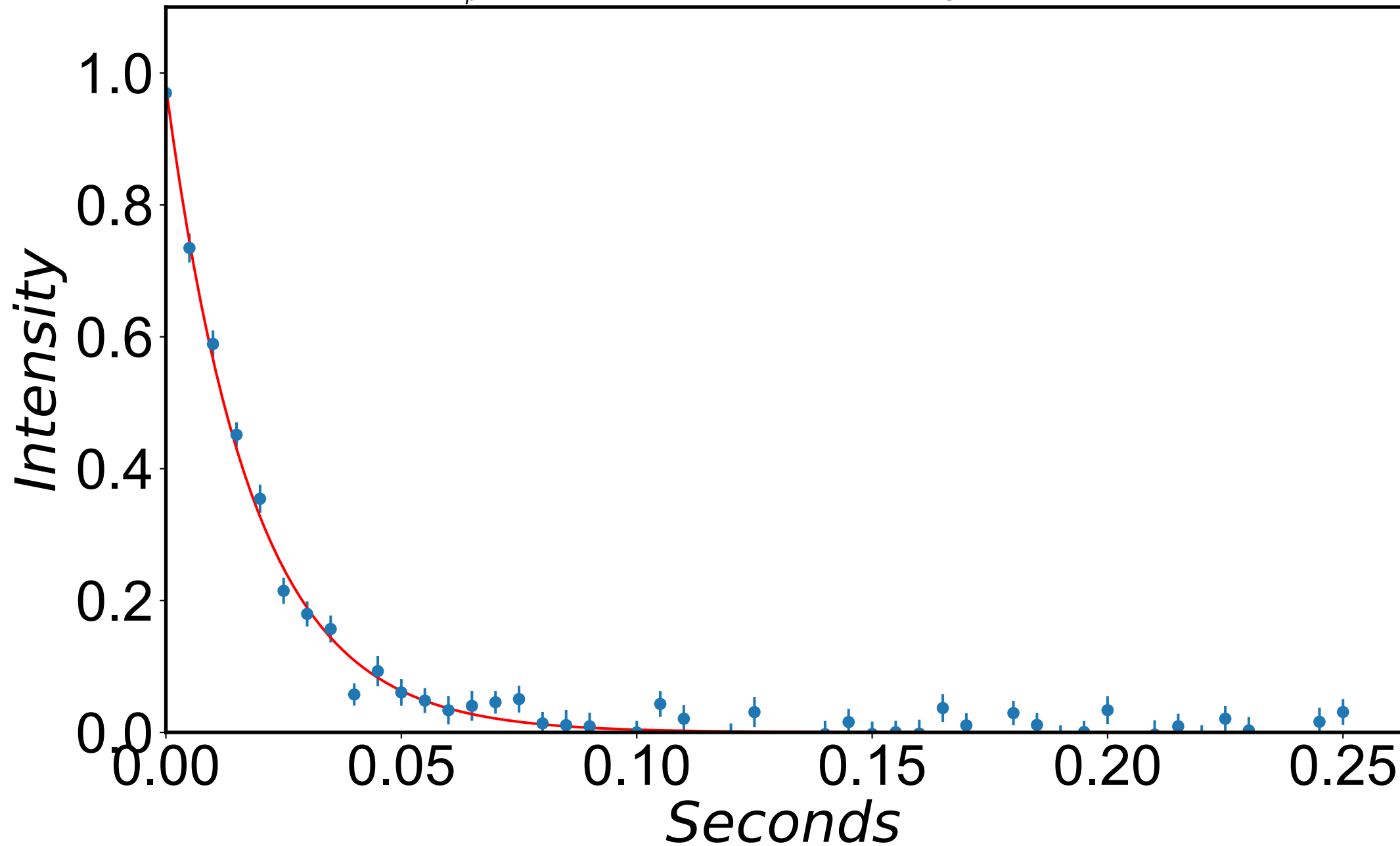
$$R_{1\rho} = 56.1 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -166 \text{ Hz}$$



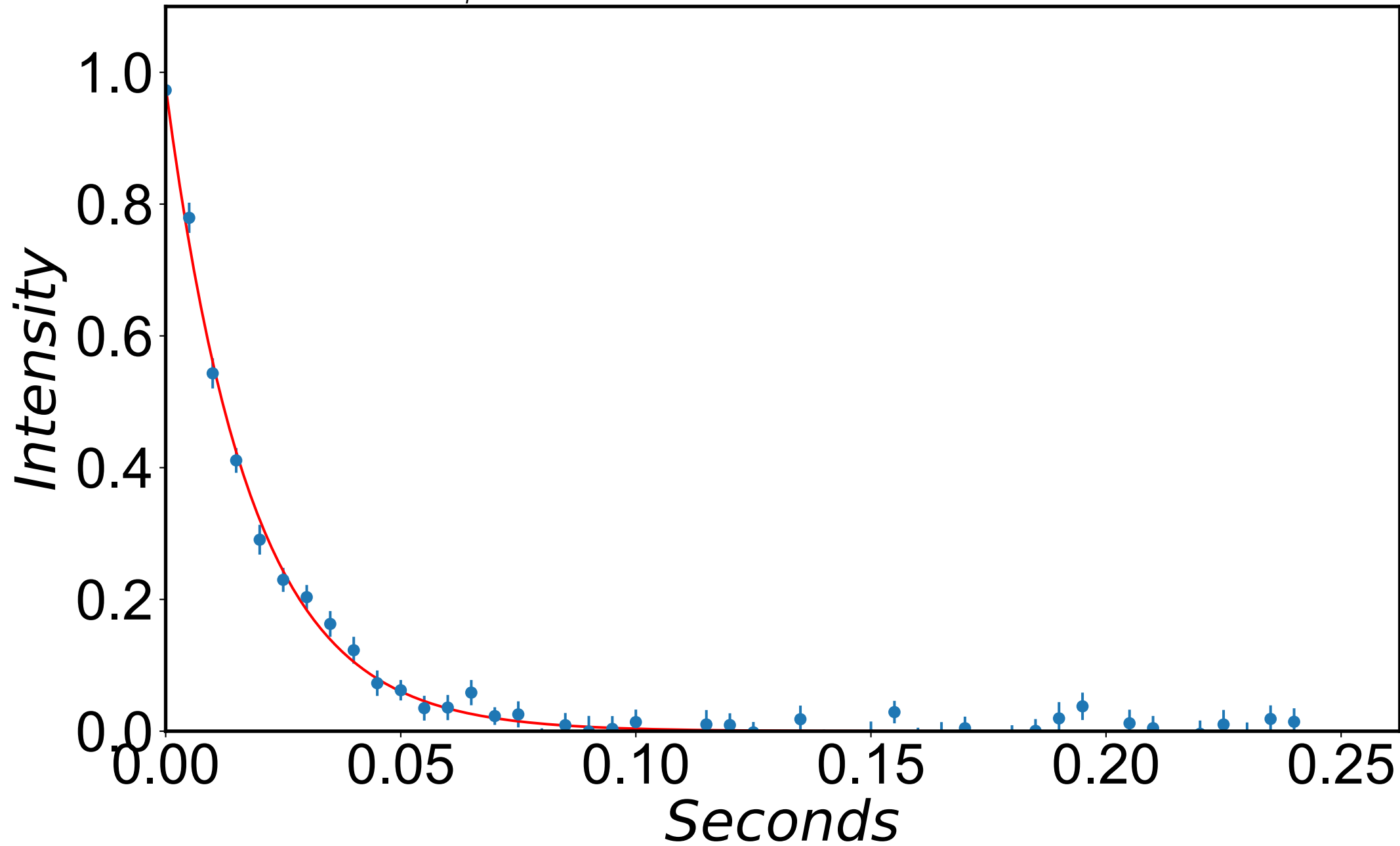
$$R_{1\rho} = 57.8 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -156 \text{ Hz}$$



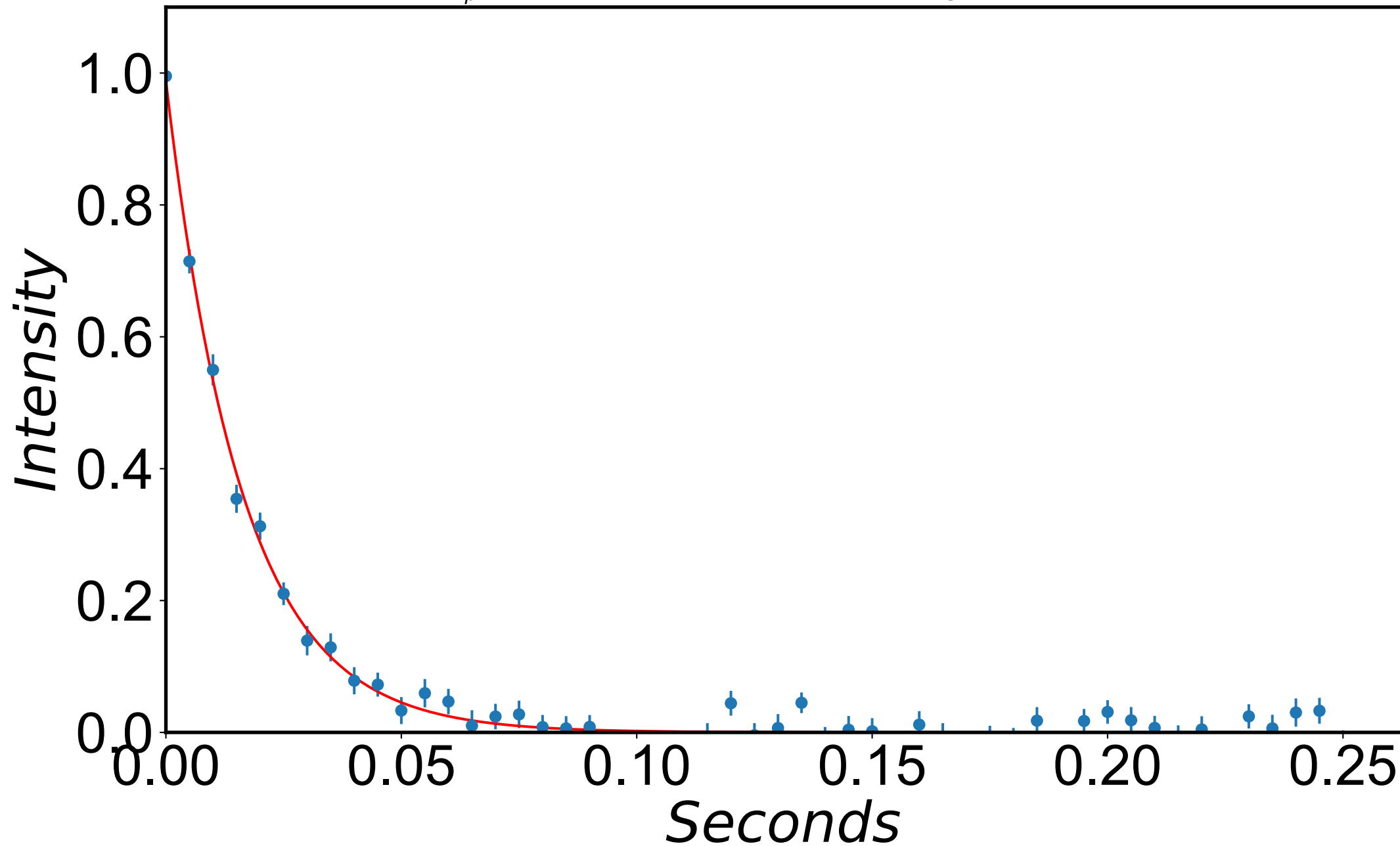
$$R_{1\rho} = 54.9 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -146 \text{ Hz}$$



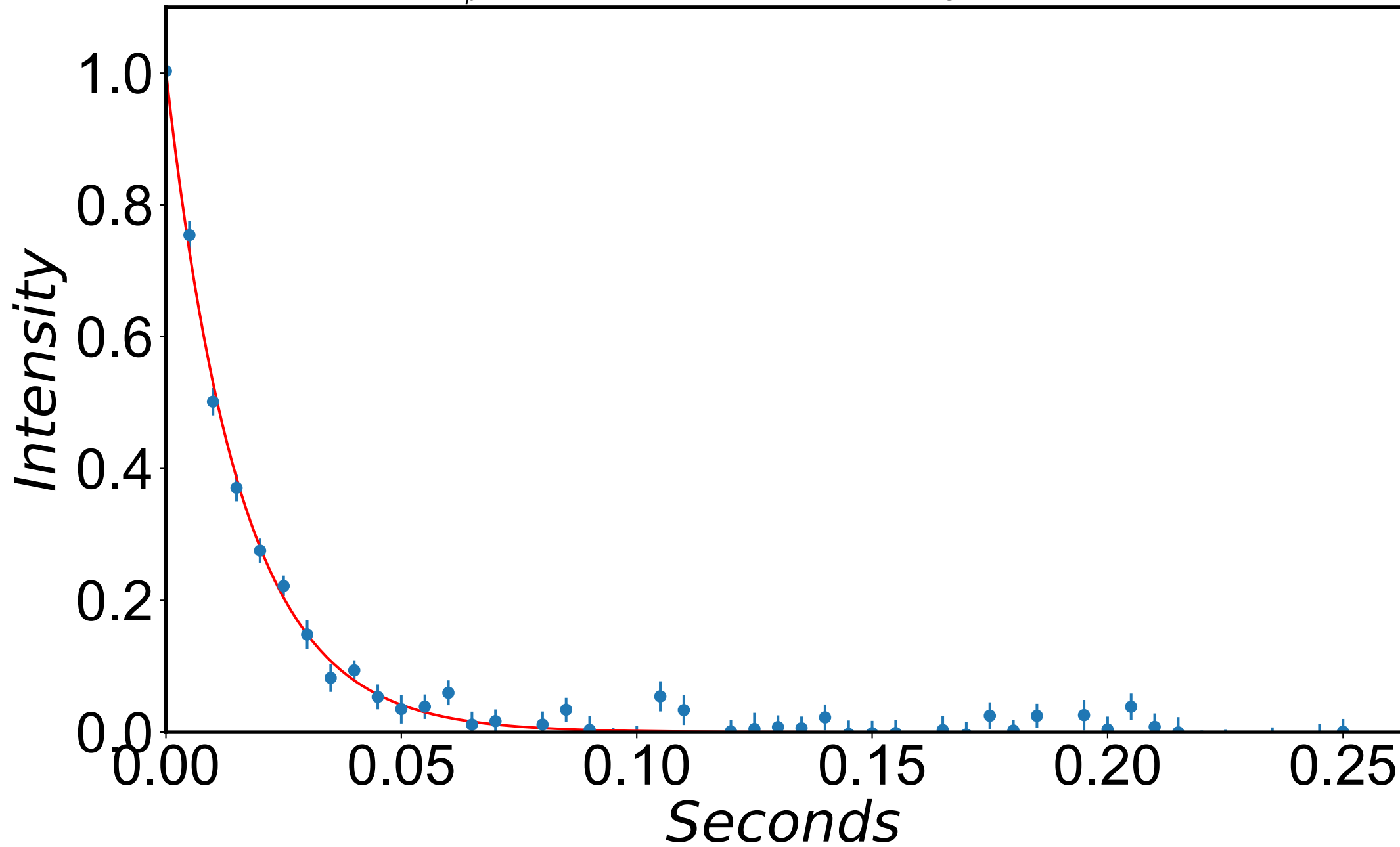
$$R_{1\rho} = 55.7 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -136 \text{ Hz}$$



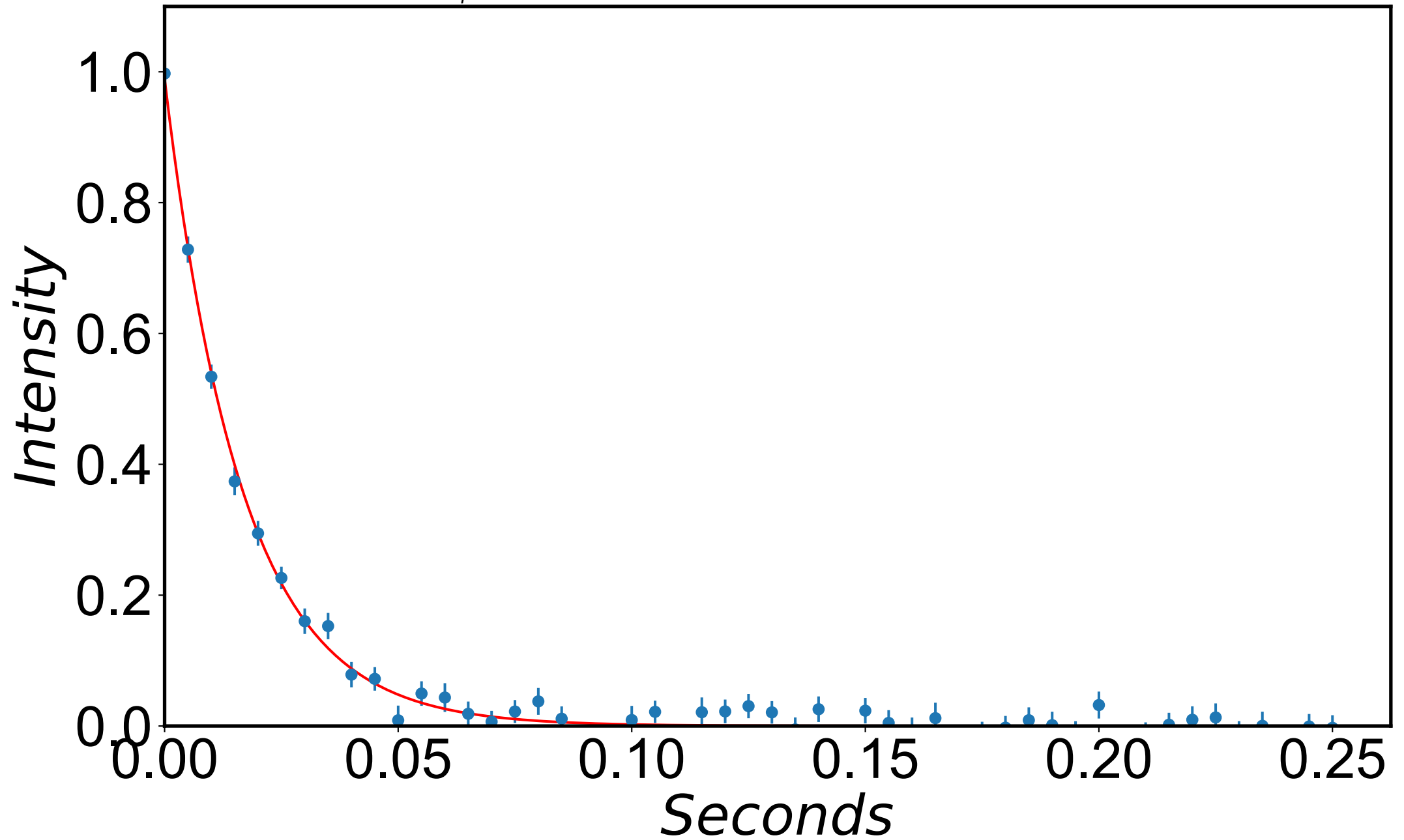
$$R_{1\rho} = 61.6 \pm 2.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -126 \text{ Hz}$$



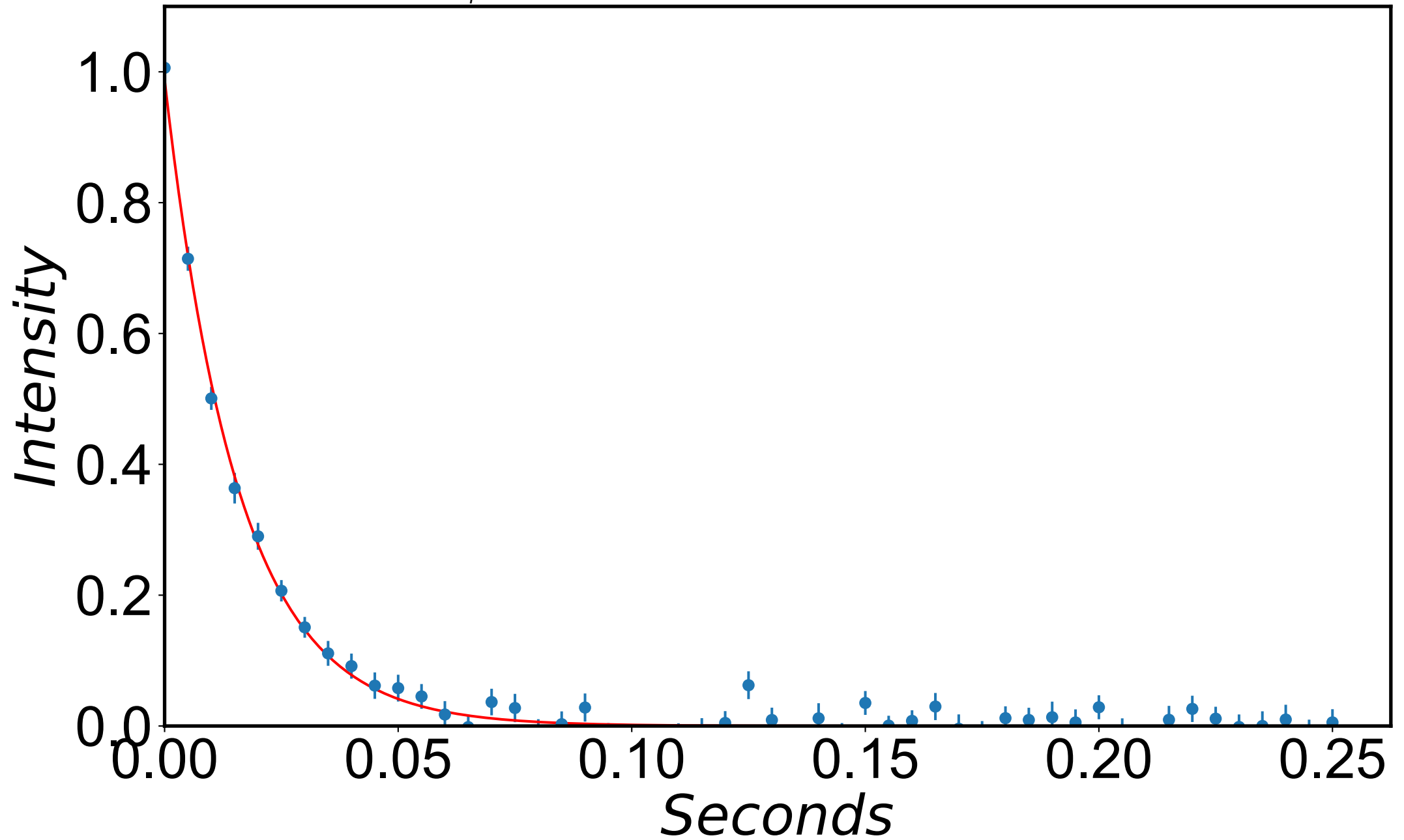
$$R_{1\rho} = 63.7 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -116 \text{ Hz}$$



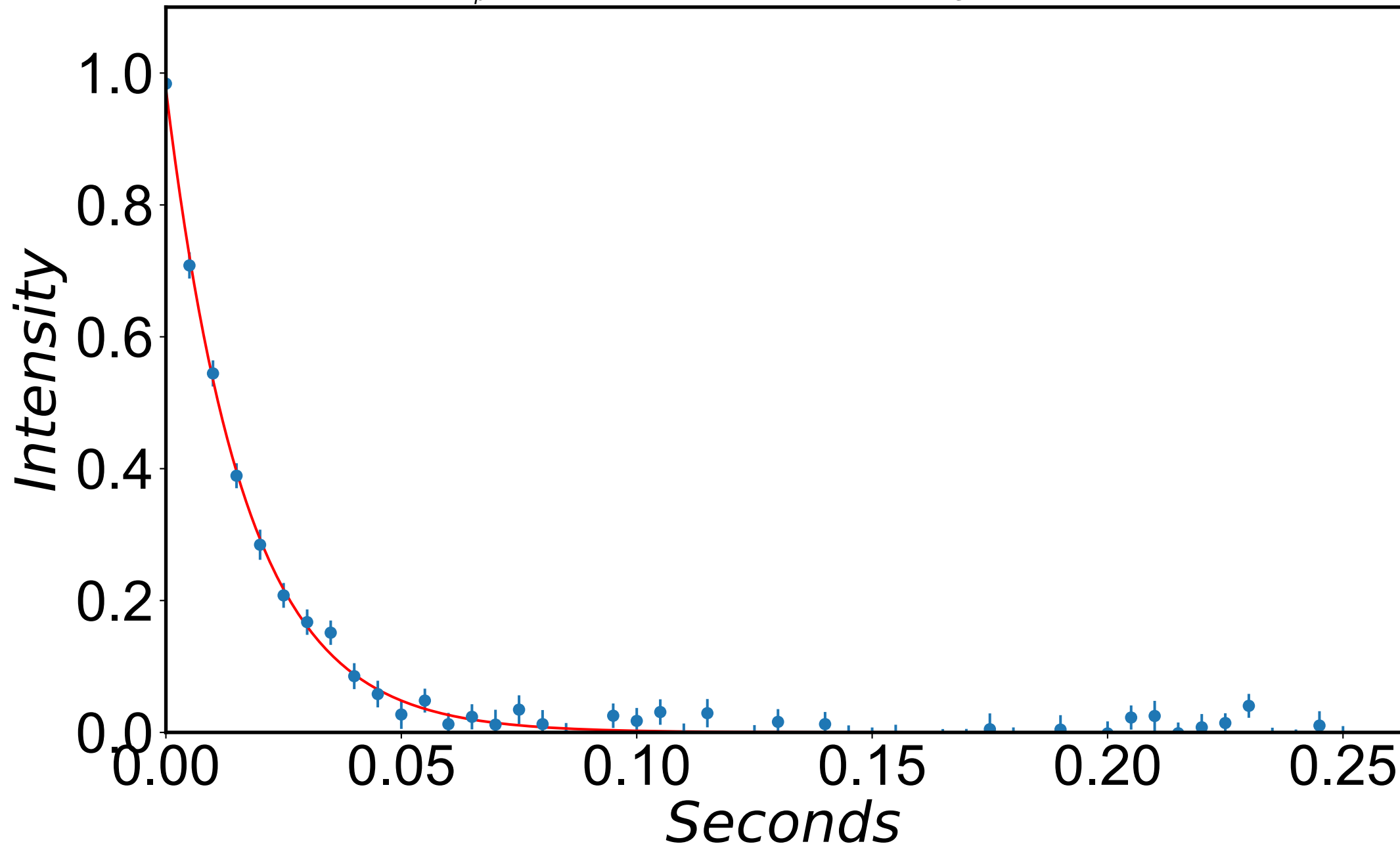
$$R_{1\rho} = 60.5 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -106 \text{ Hz}$$



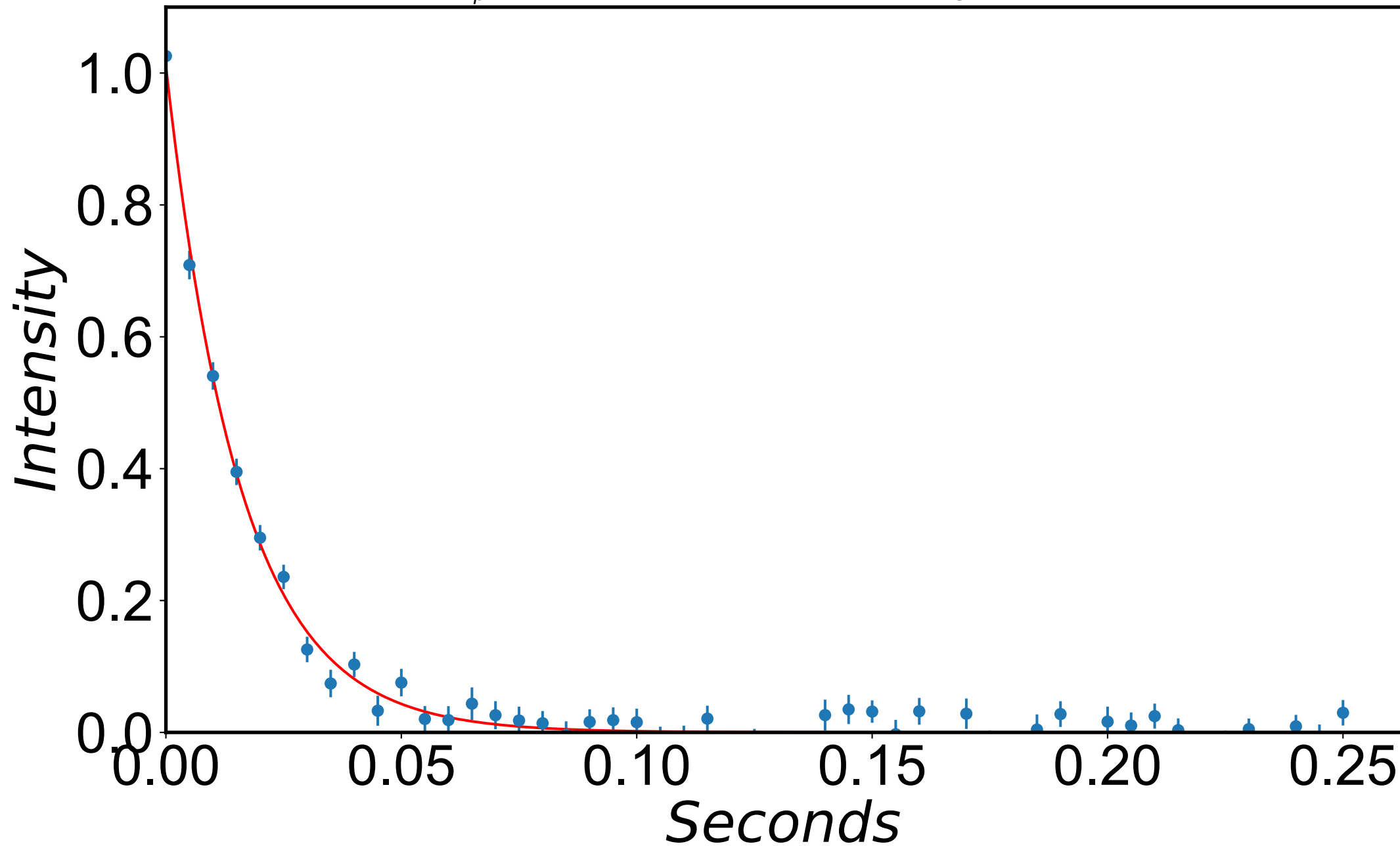
$$R_{1\rho} = 63.5 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -95 \text{ Hz}$$



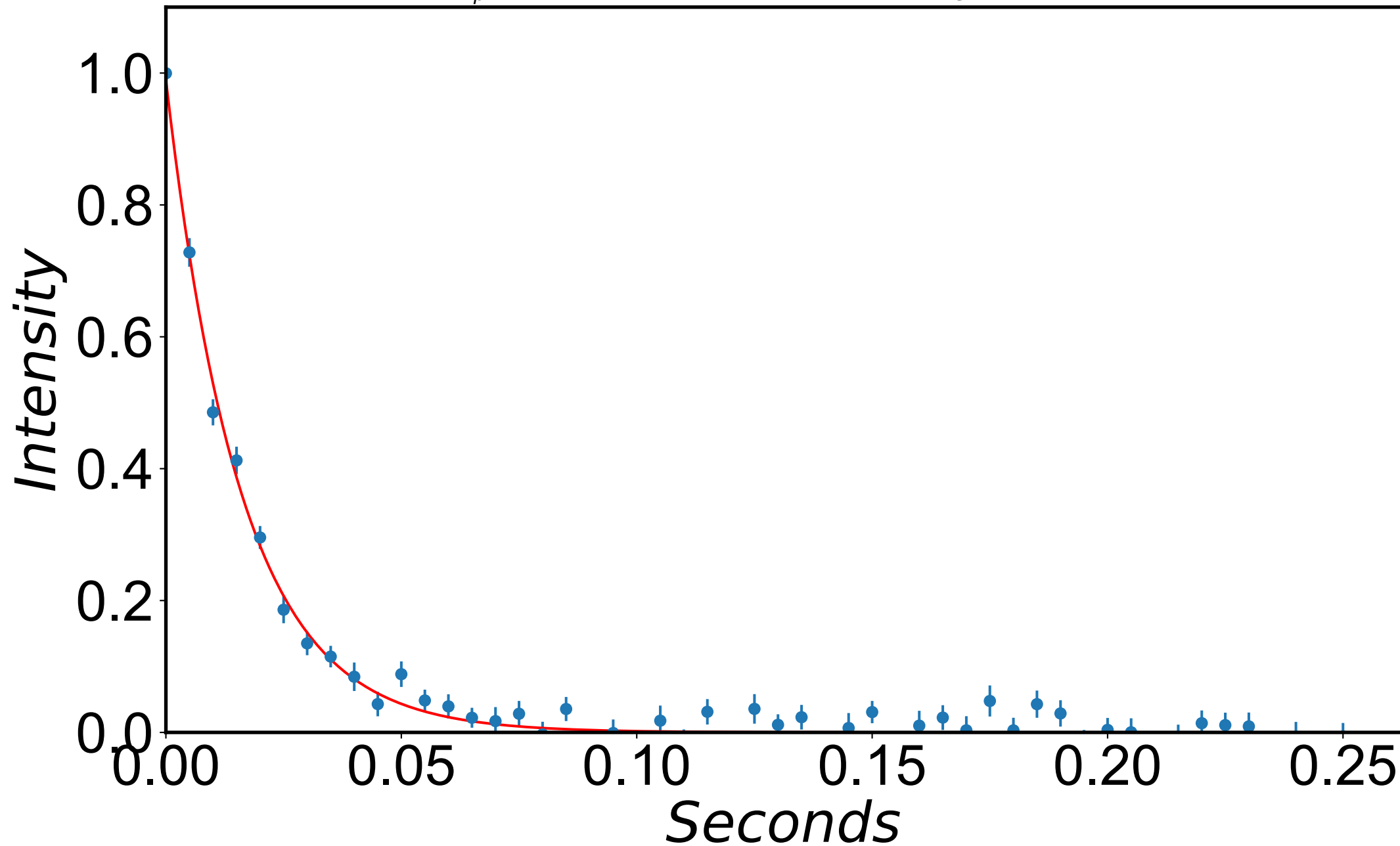
$$R_{1\rho} = 60.2 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -85 \text{ Hz}$$



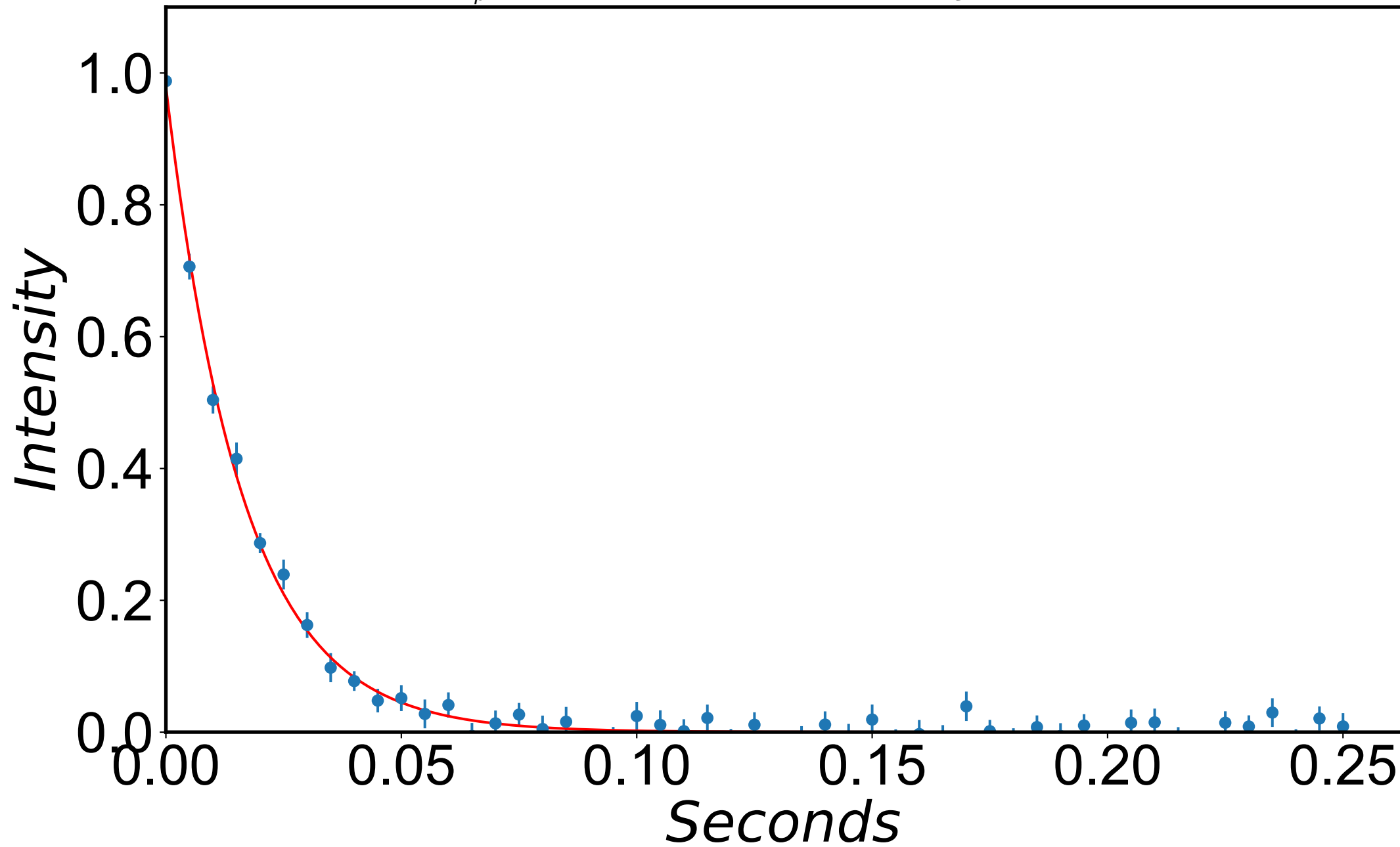
$$R_{1\rho} = 63.1 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -75 \text{ Hz}$$



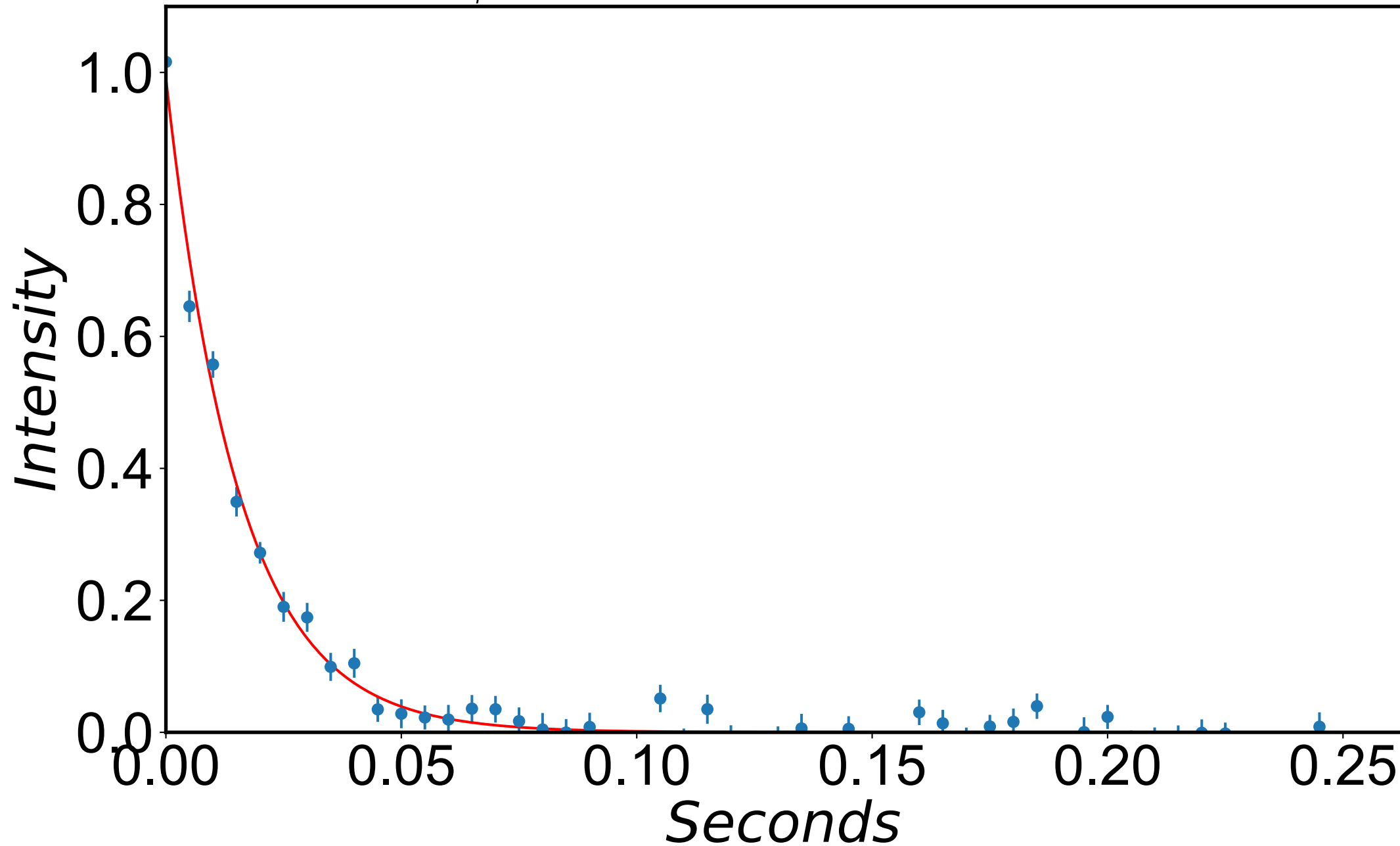
$$R_{1\rho} = 62.6 \pm 1.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -65 \text{ Hz}$$



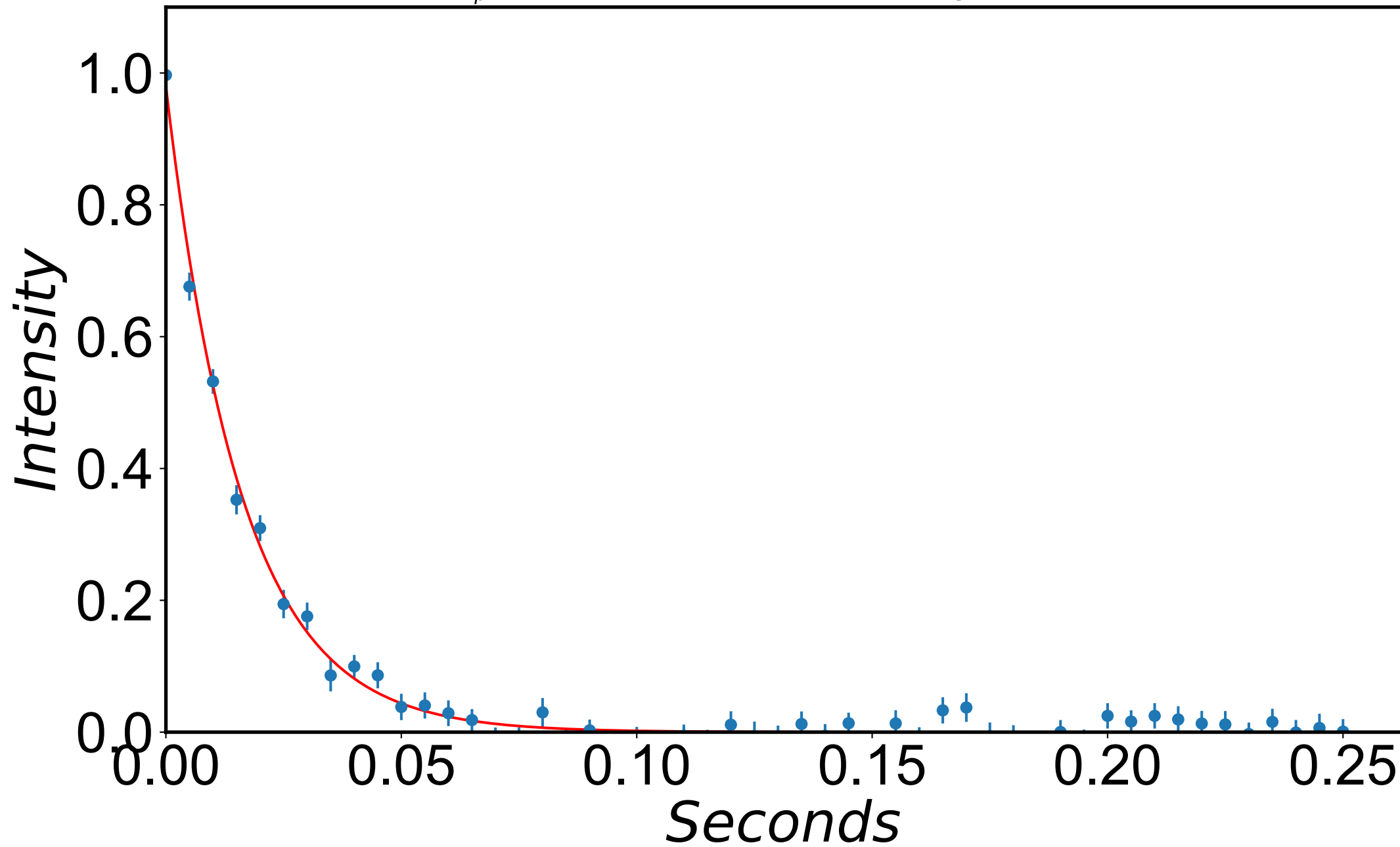
$$R_{1\rho} = 61.6 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -55 \text{ Hz}$$



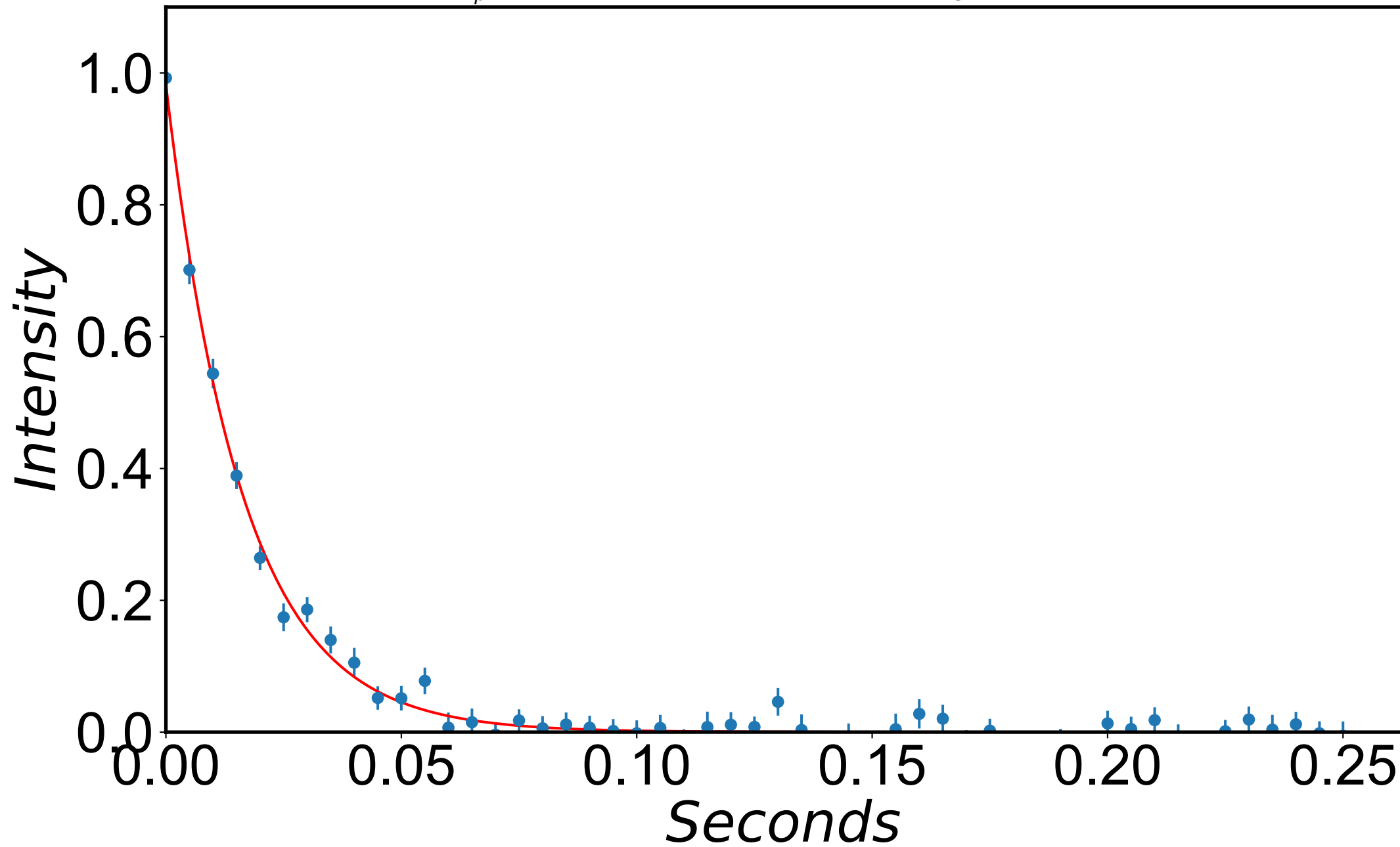
$$R_{1\rho} = 64.7 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -45 \text{ Hz}$$



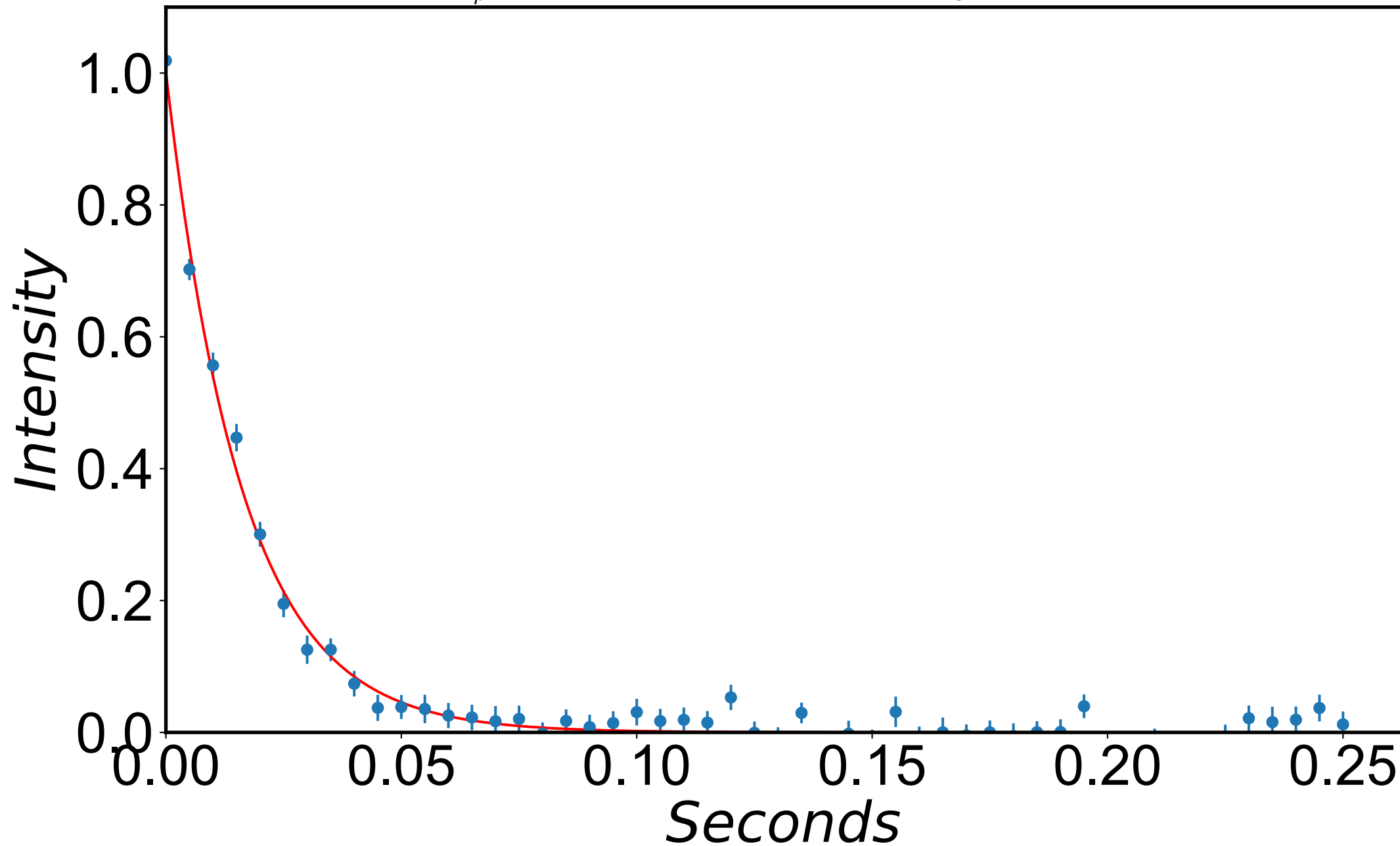
$$R_{1\rho} = 62.2 \pm 1.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -35 \text{ Hz}$$



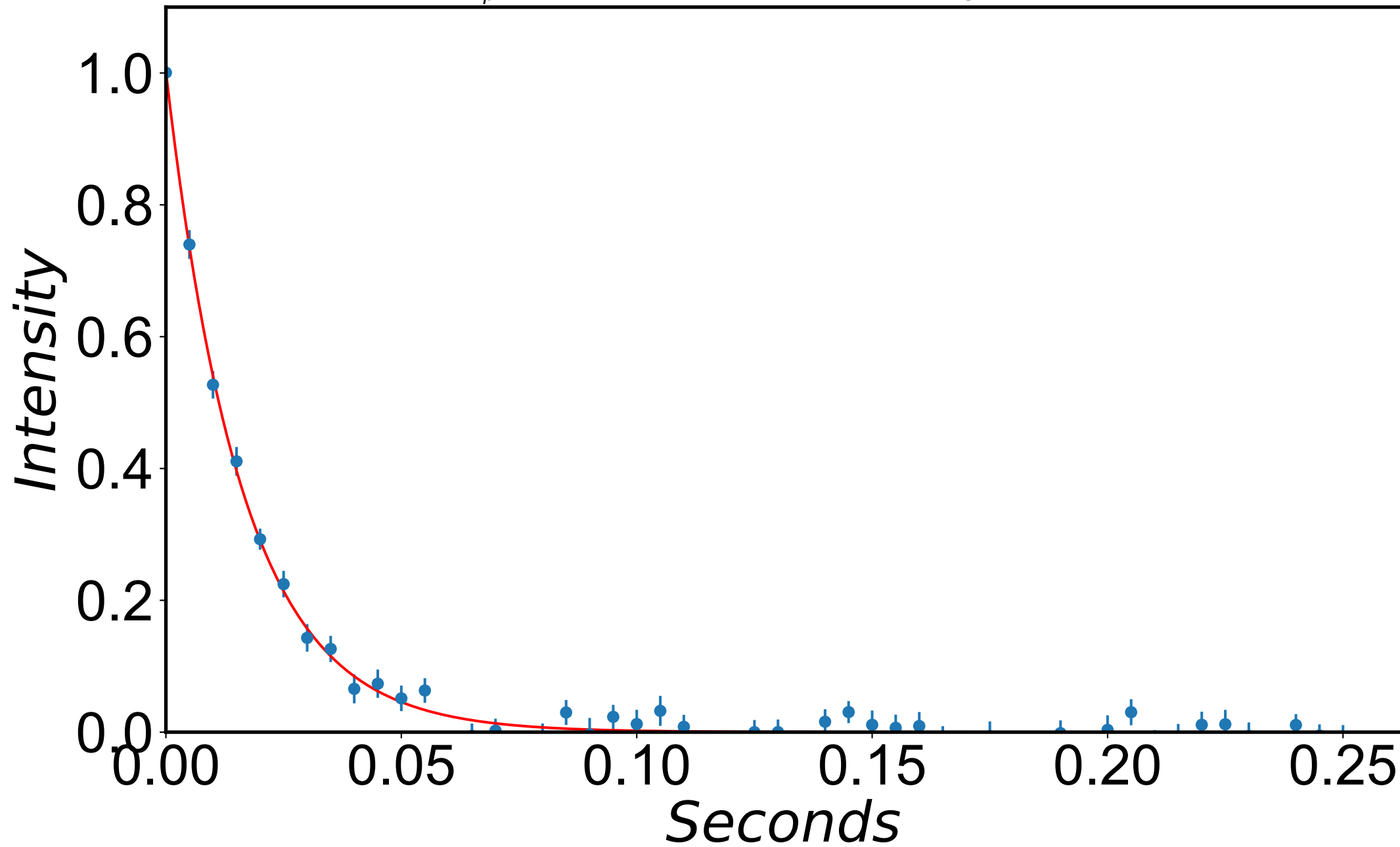
$$R_{1\rho} = 61.5 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -25 \text{ Hz}$$



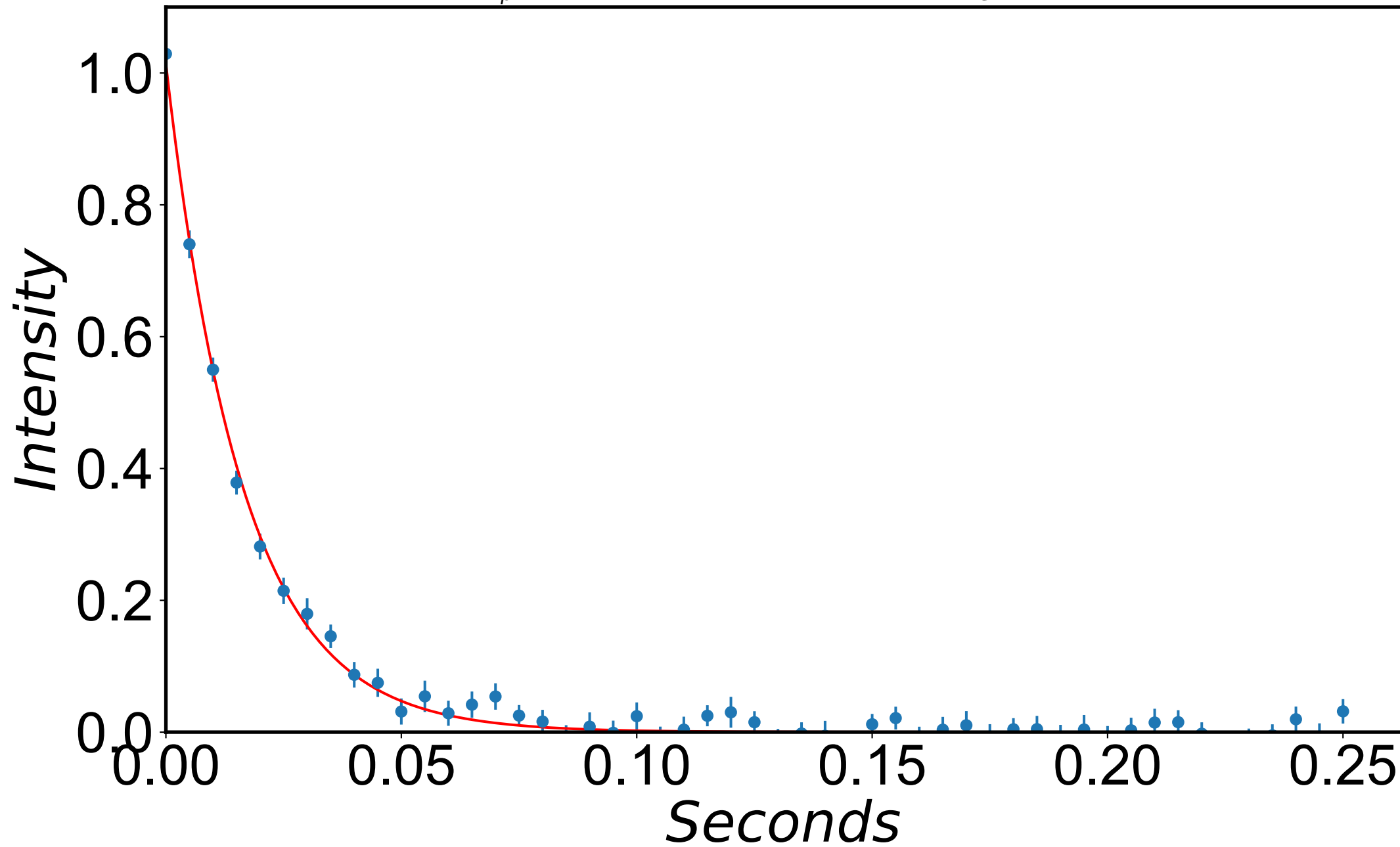
$$R_{1\rho} = 61.8 \pm 1.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -15 \text{ Hz}$$



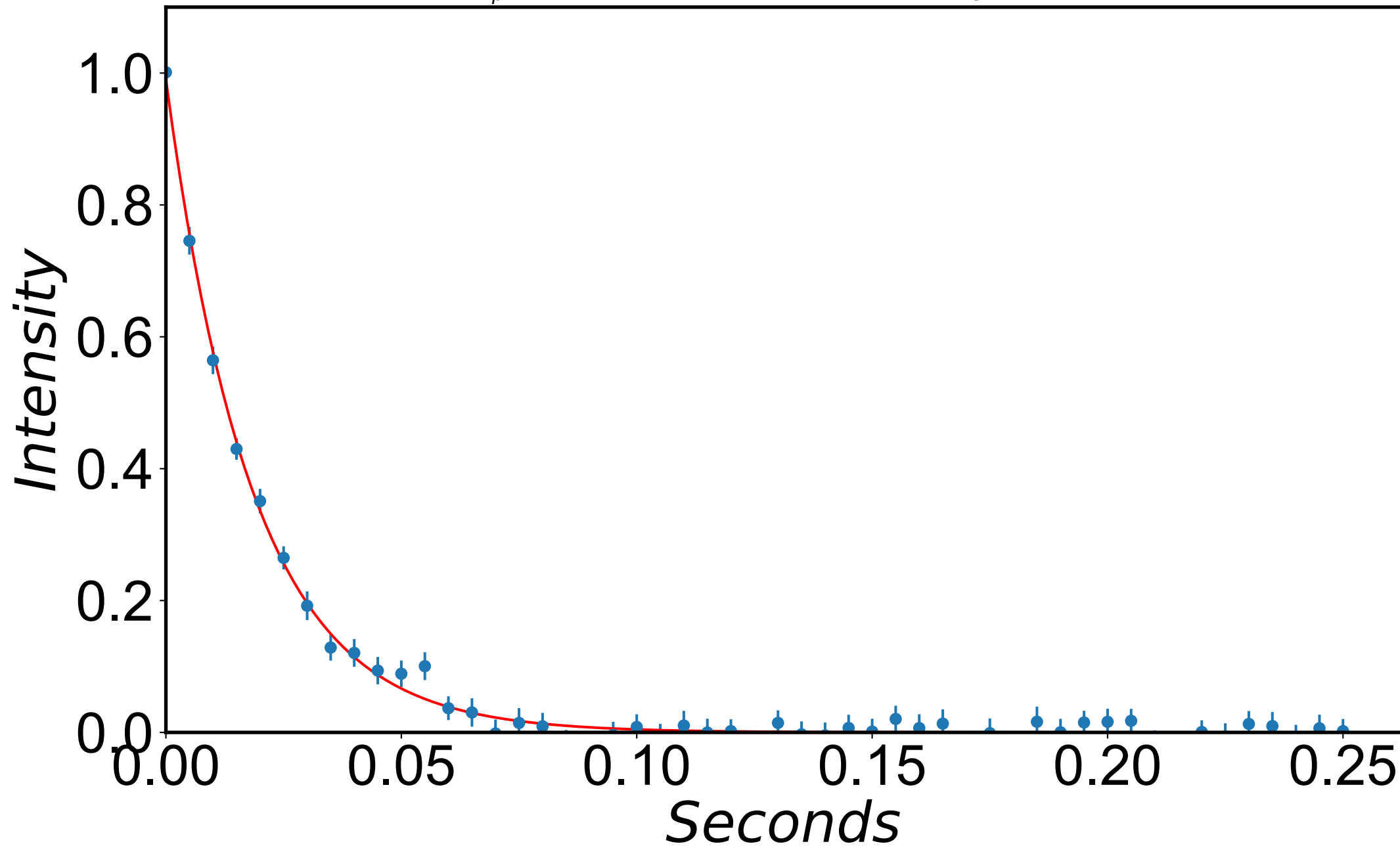
$$R_{1\rho} = 61.8 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = -5 \text{ Hz}$$



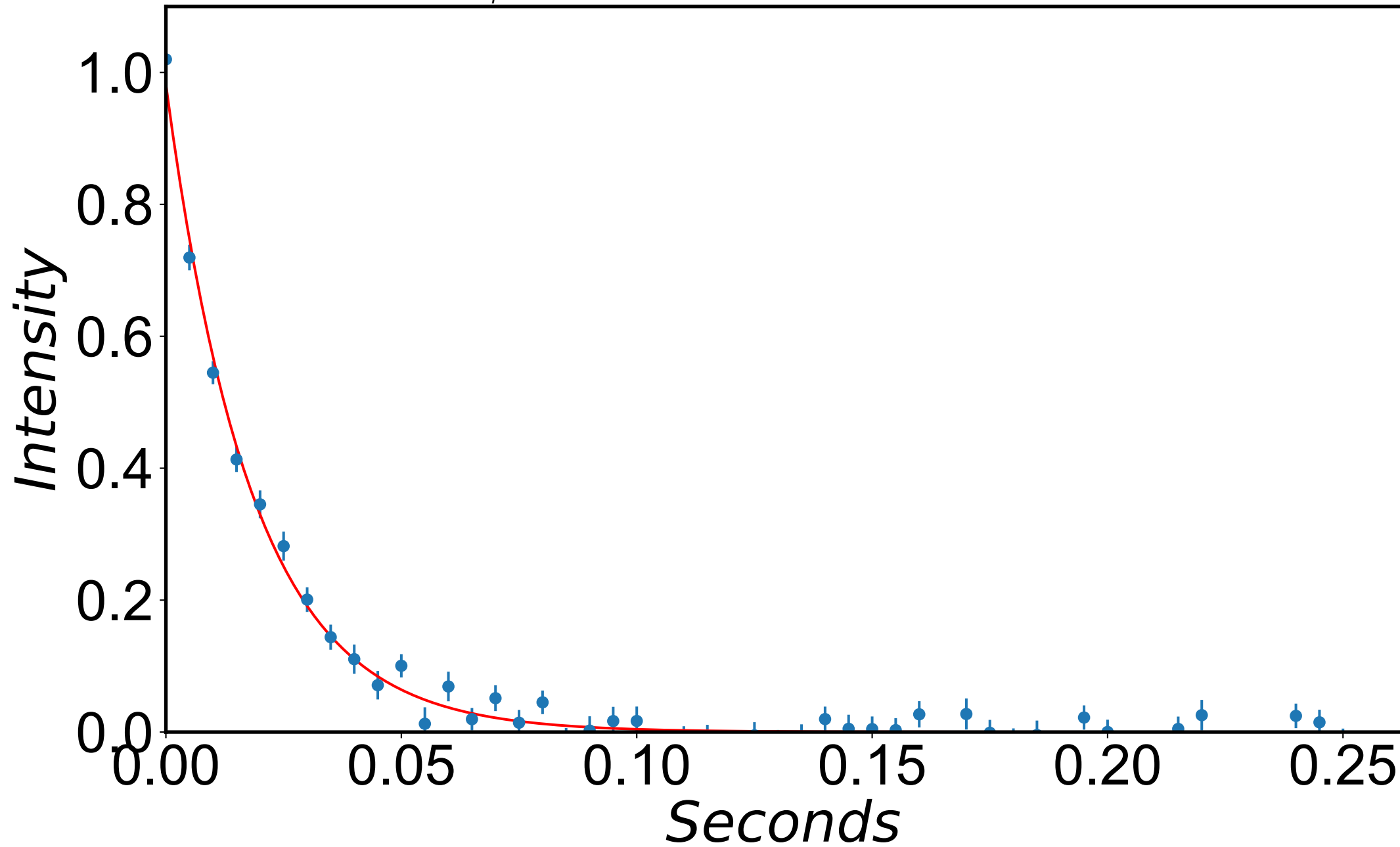
$$R_{1\rho} = 61.4 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 5 \text{ Hz}$$



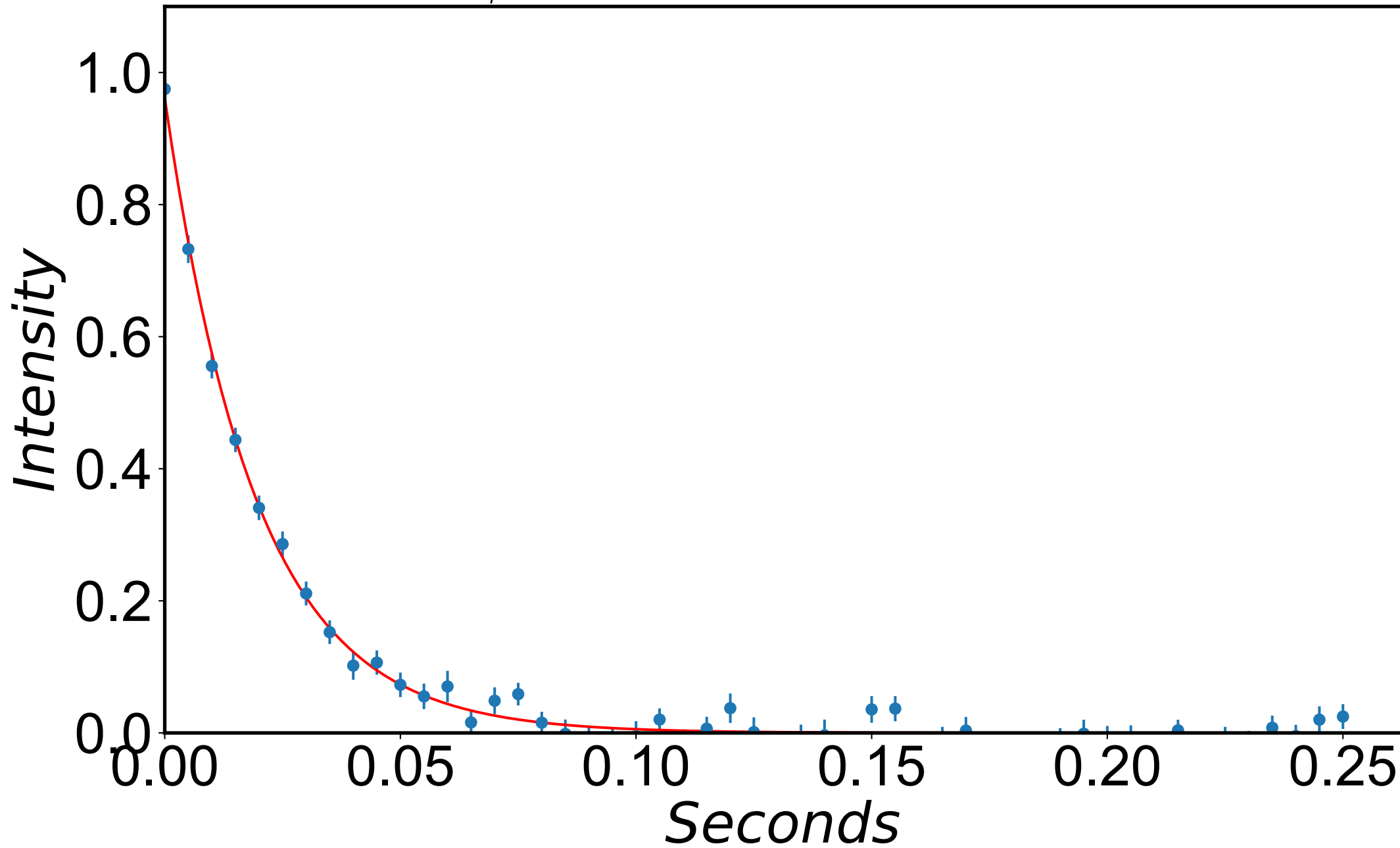
$$R_{1\rho} = 54.0 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 15 \text{ Hz}$$



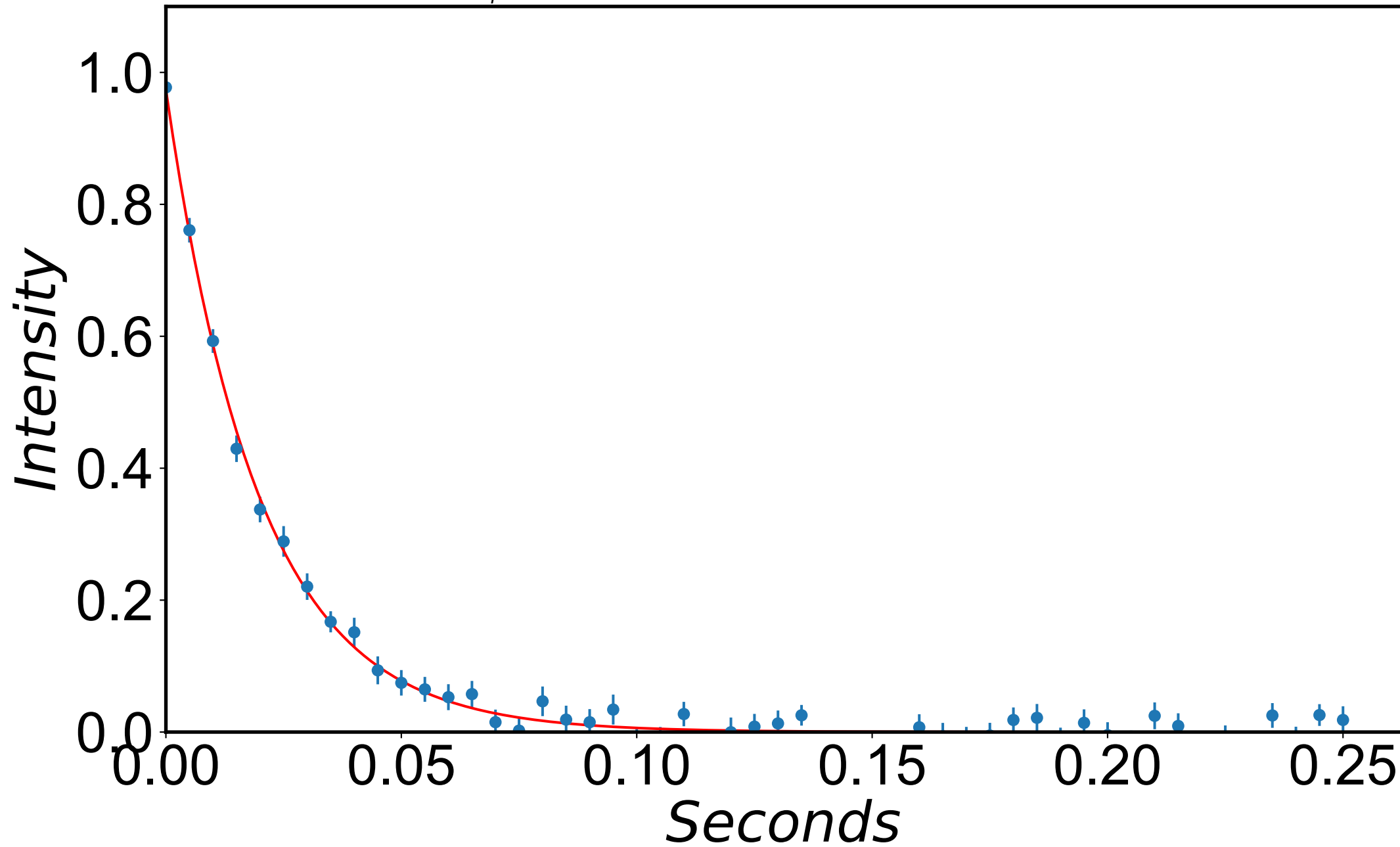
$$R_{1\rho} = 54.6 \pm 1.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 25 \text{ Hz}$$



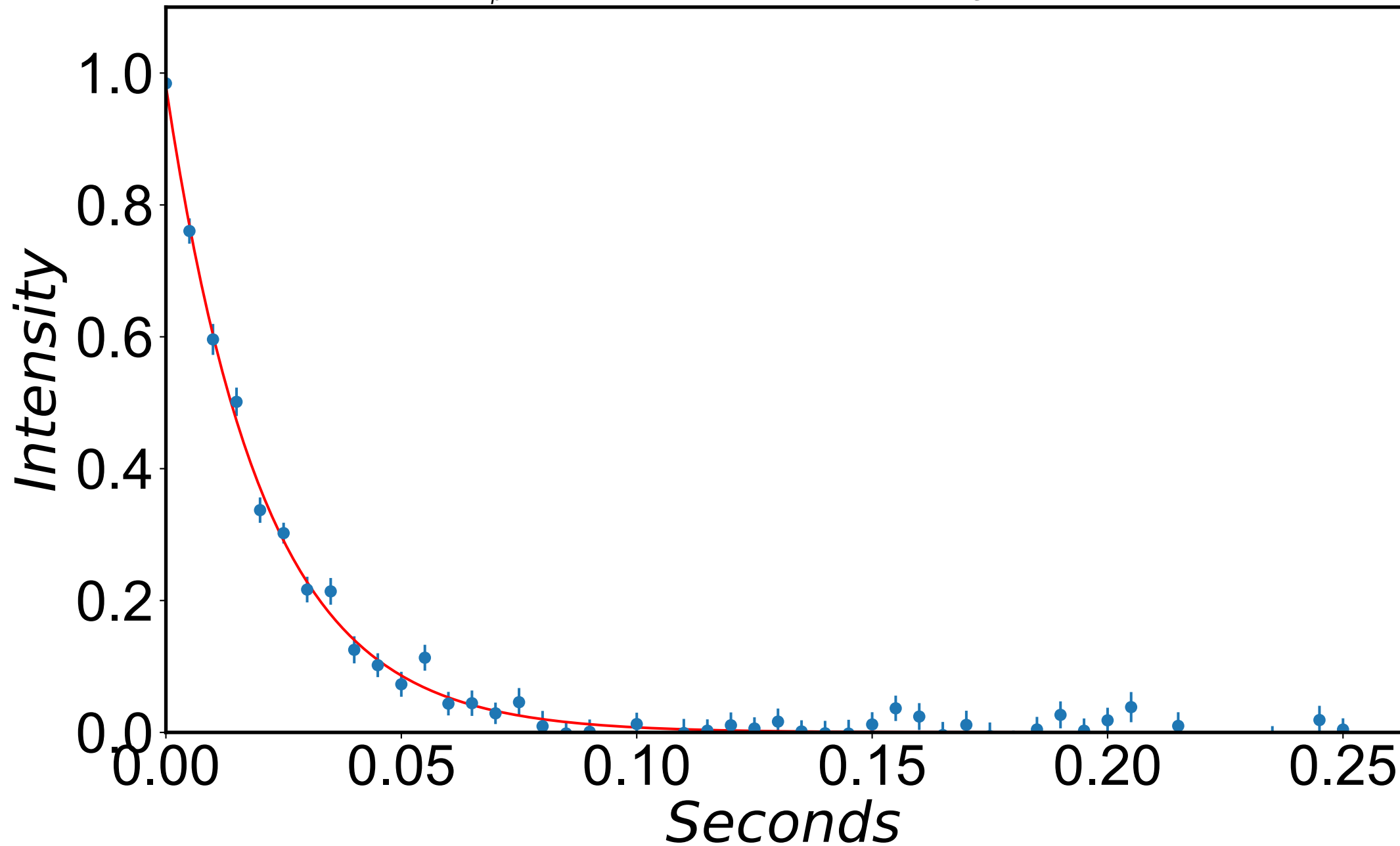
$$R_{1\rho} = 51.5 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 35 \text{ Hz}$$



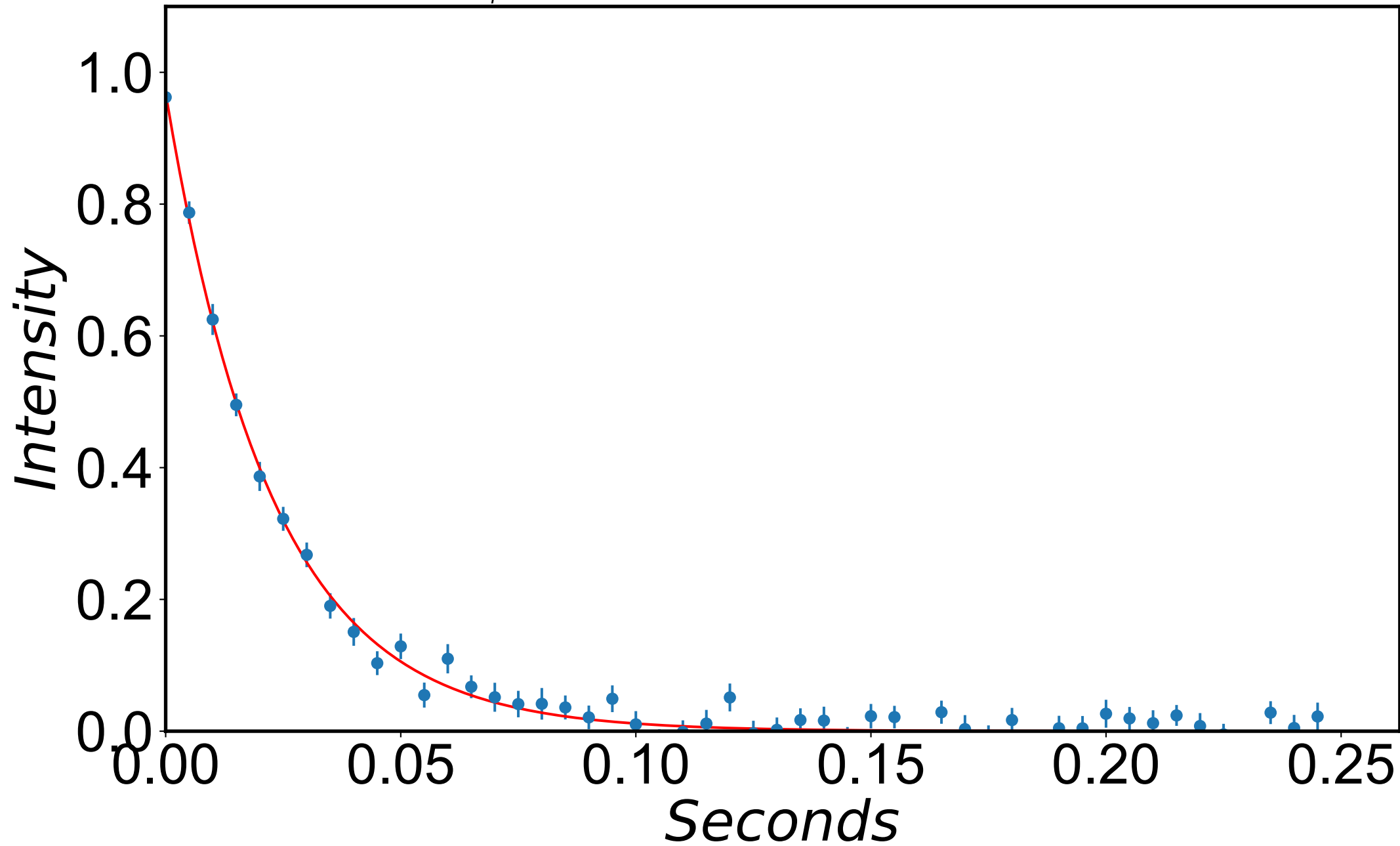
$$R_{1\rho} = 50.6 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 45 \text{ Hz}$$



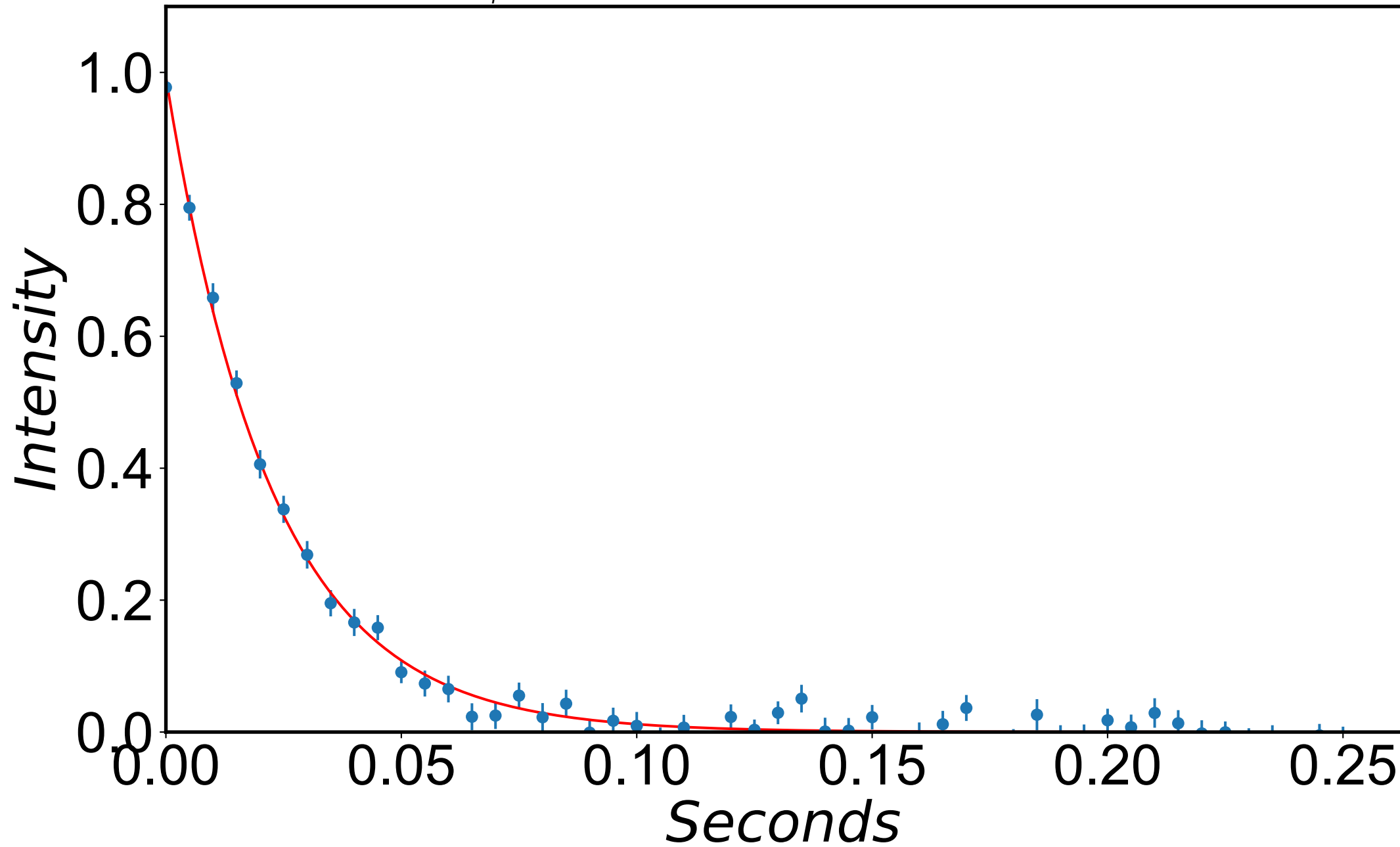
$$R_{1\rho} = 48.6 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 55 \text{ Hz}$$



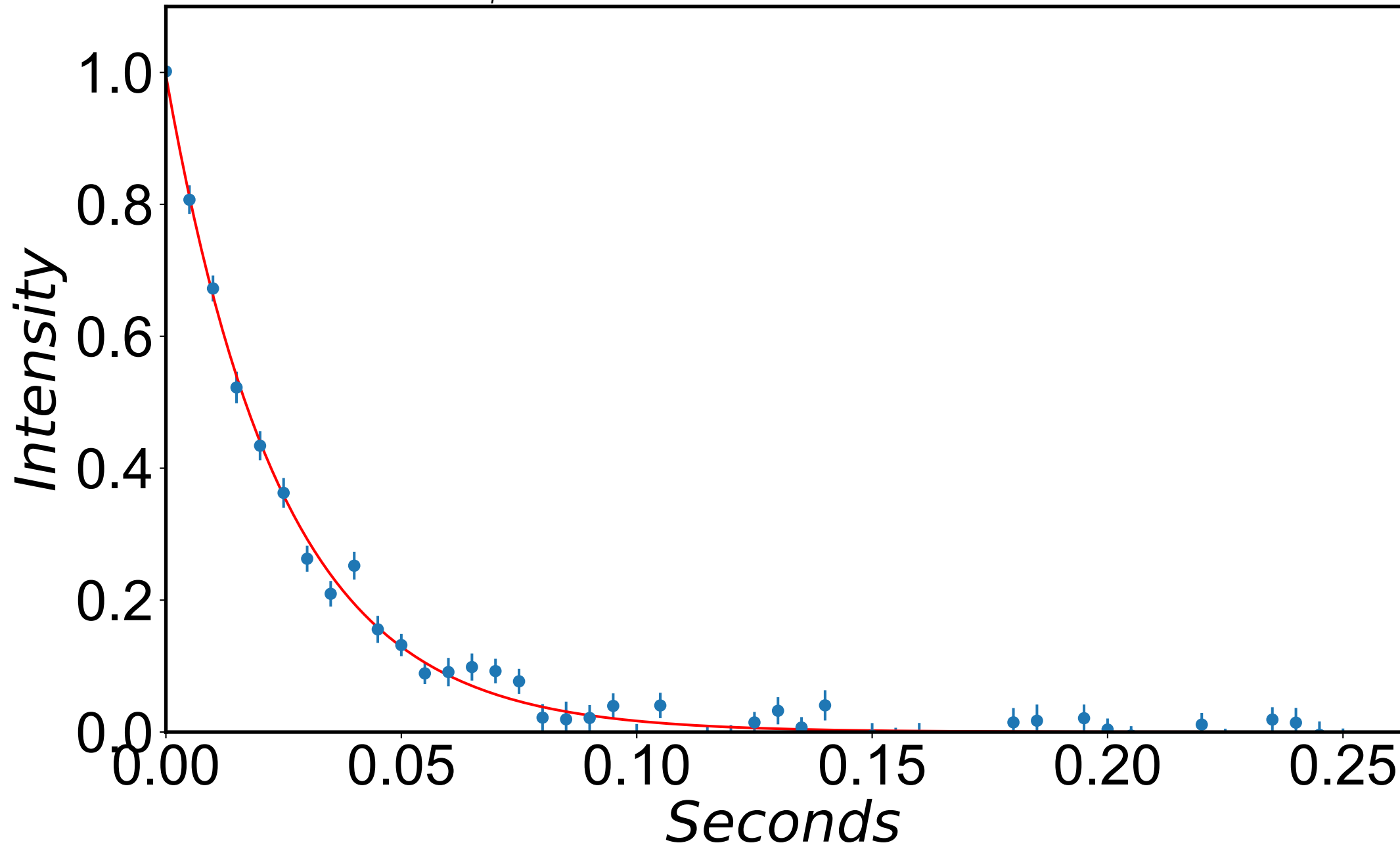
$$R_{1\rho} = 44.3 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 65 \text{ Hz}$$



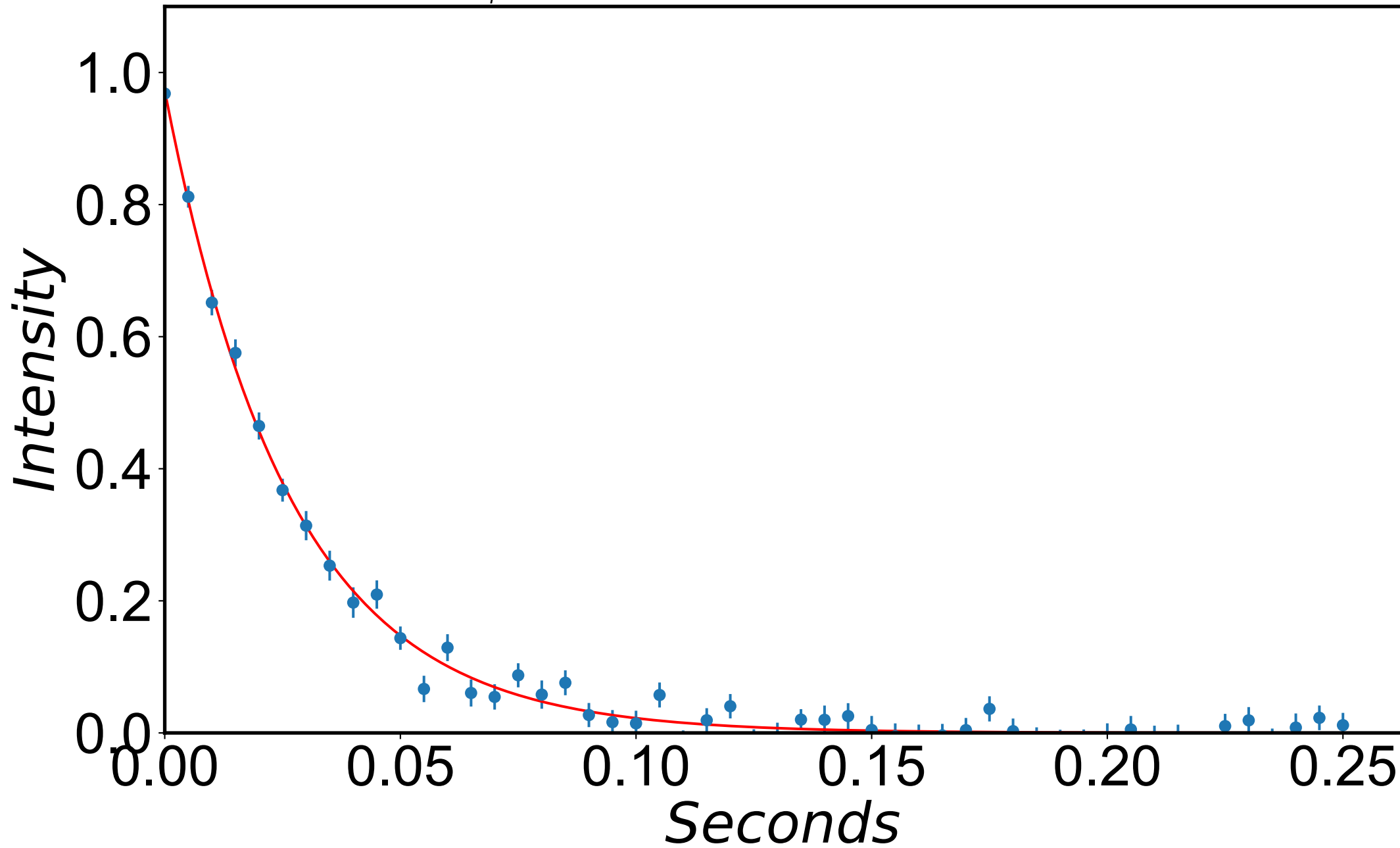
$$R_{1\rho} = 44.2 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 75 \text{ Hz}$$



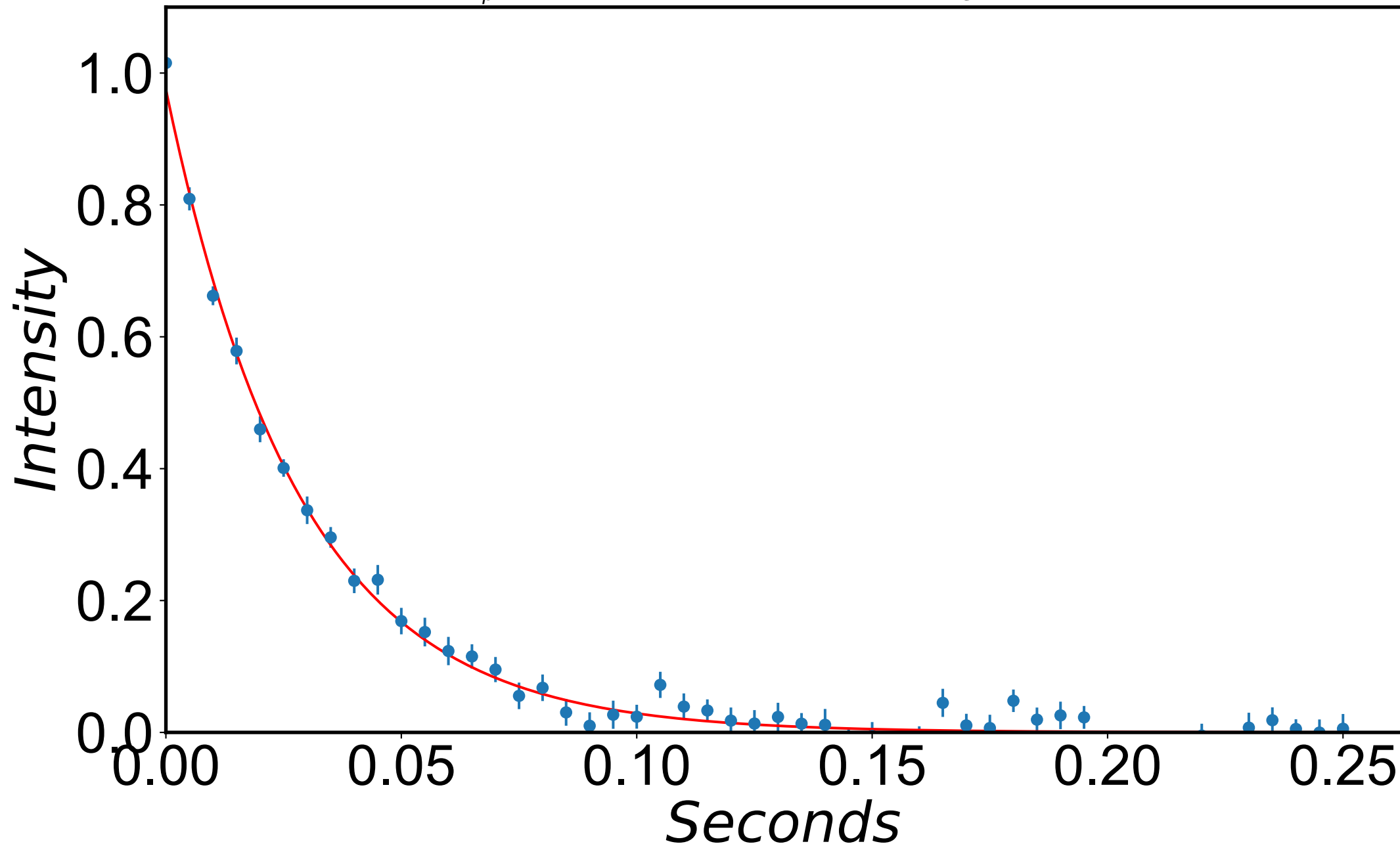
$$R_{1\rho} = 40.8 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 85 \text{ Hz}$$



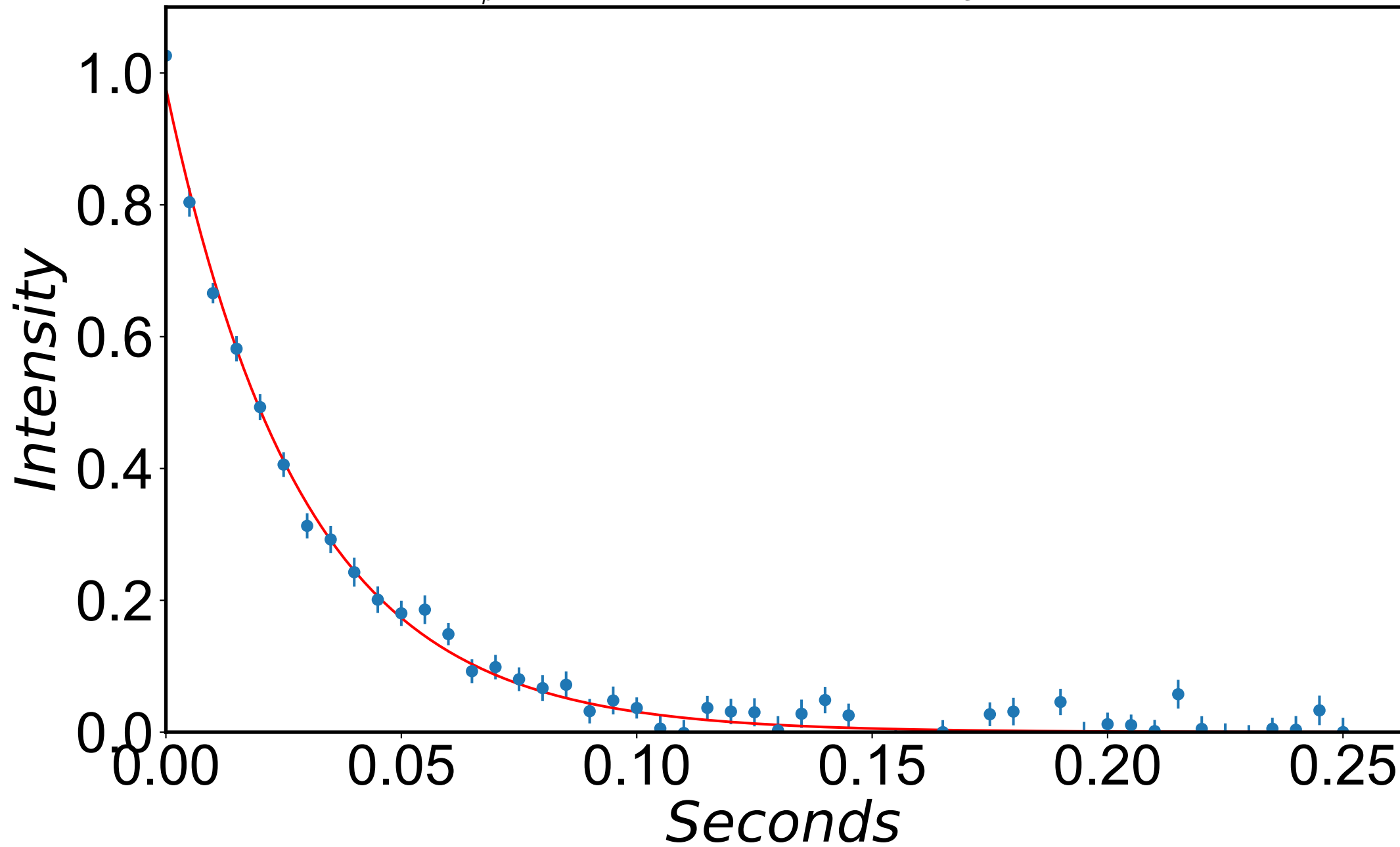
$$R_{1\rho} = 37.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 95 \text{ Hz}$$



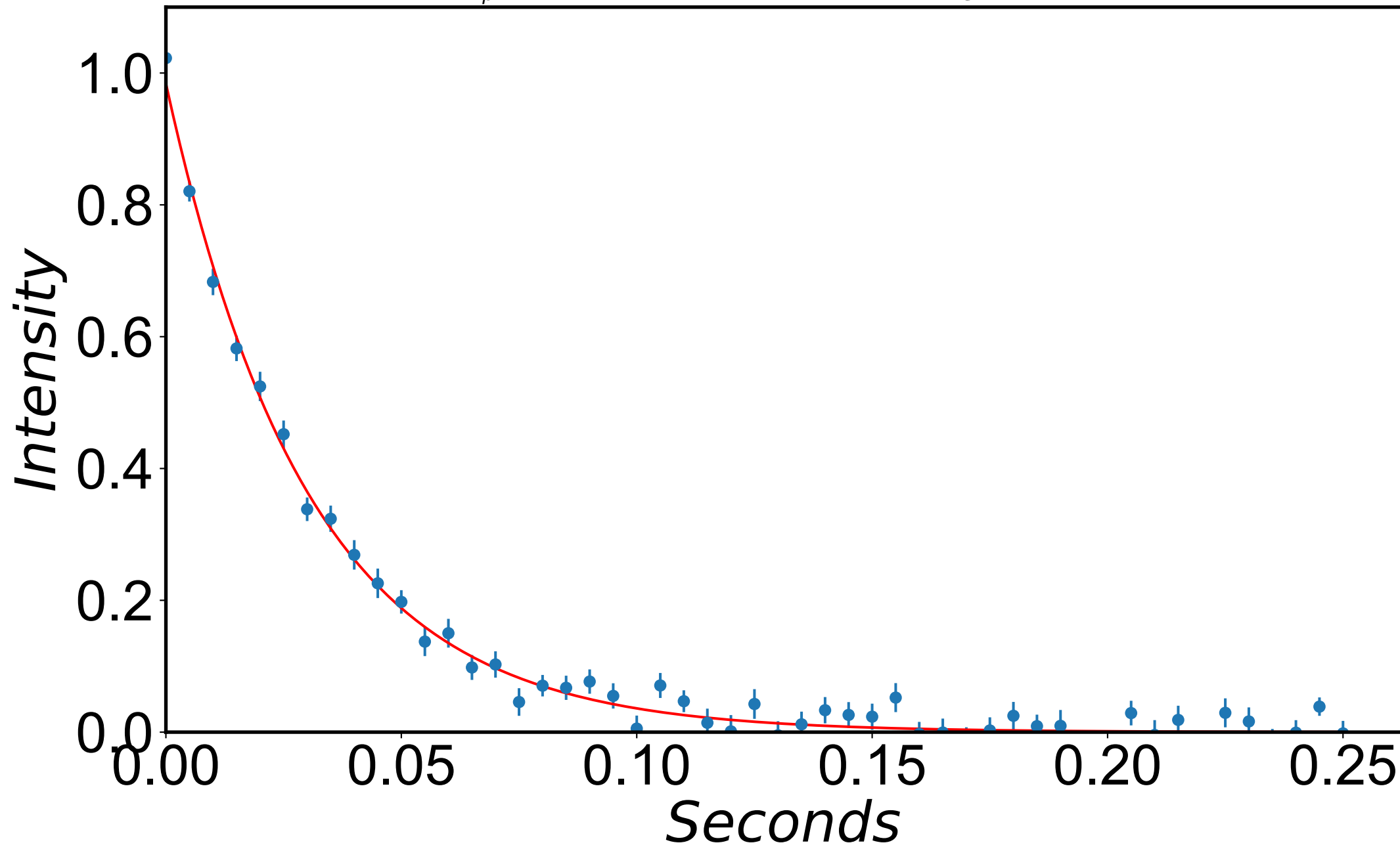
$$R_{1\rho} = 35.2 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 106 \text{ Hz}$$



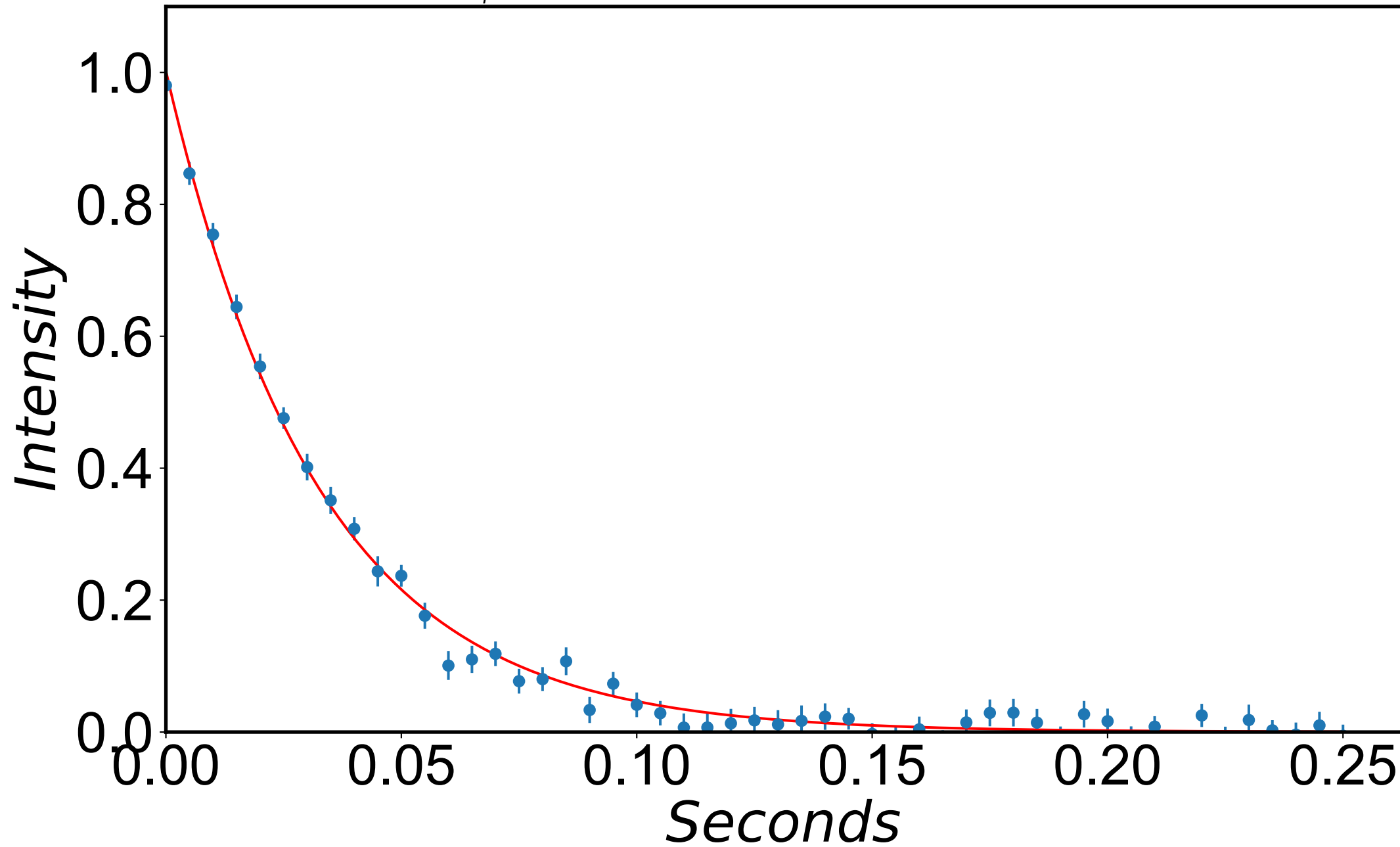
$$R_{1\rho} = 34.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 116 \text{ Hz}$$



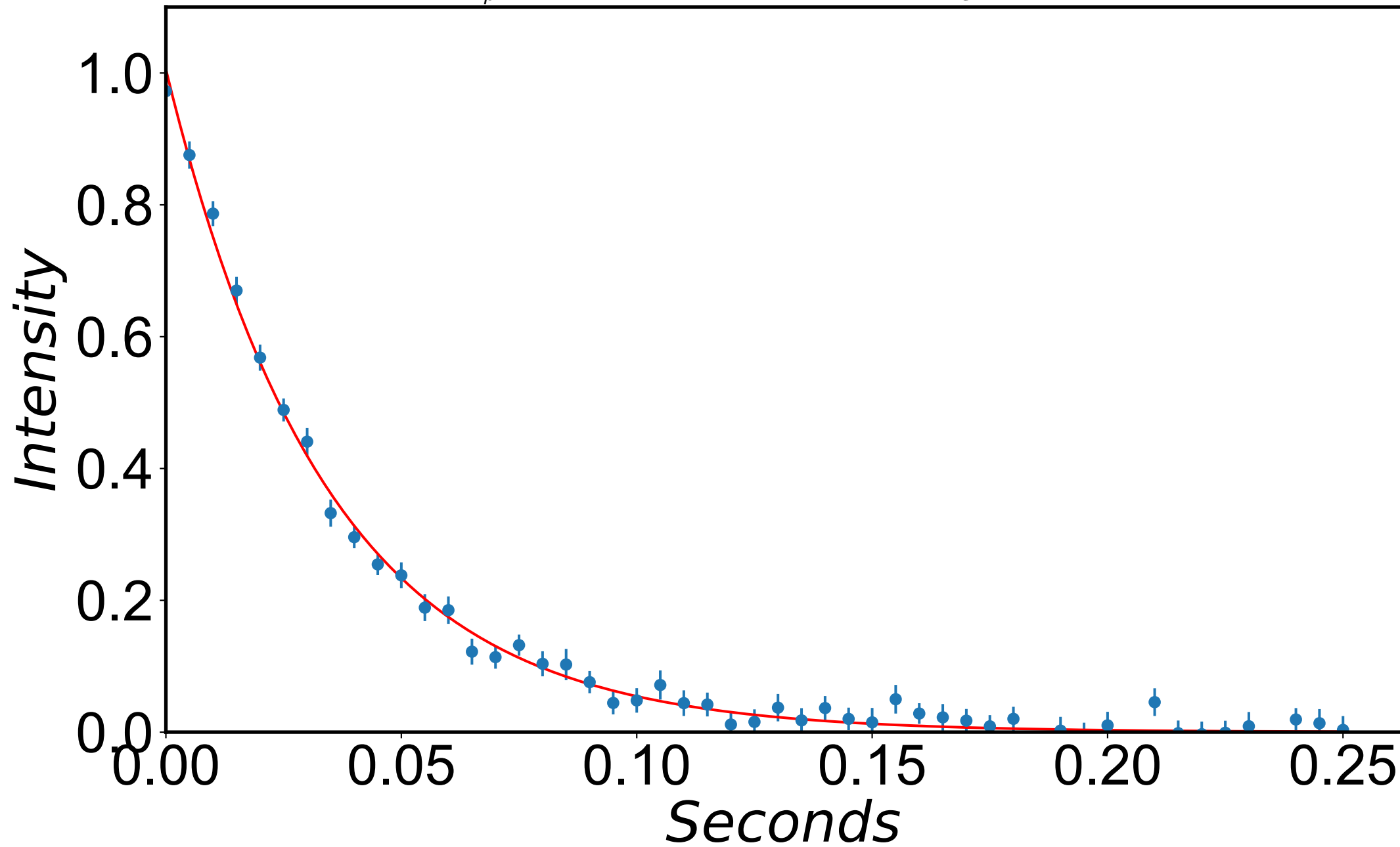
$$R_{1\rho} = 33.1 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 126 \text{ Hz}$$



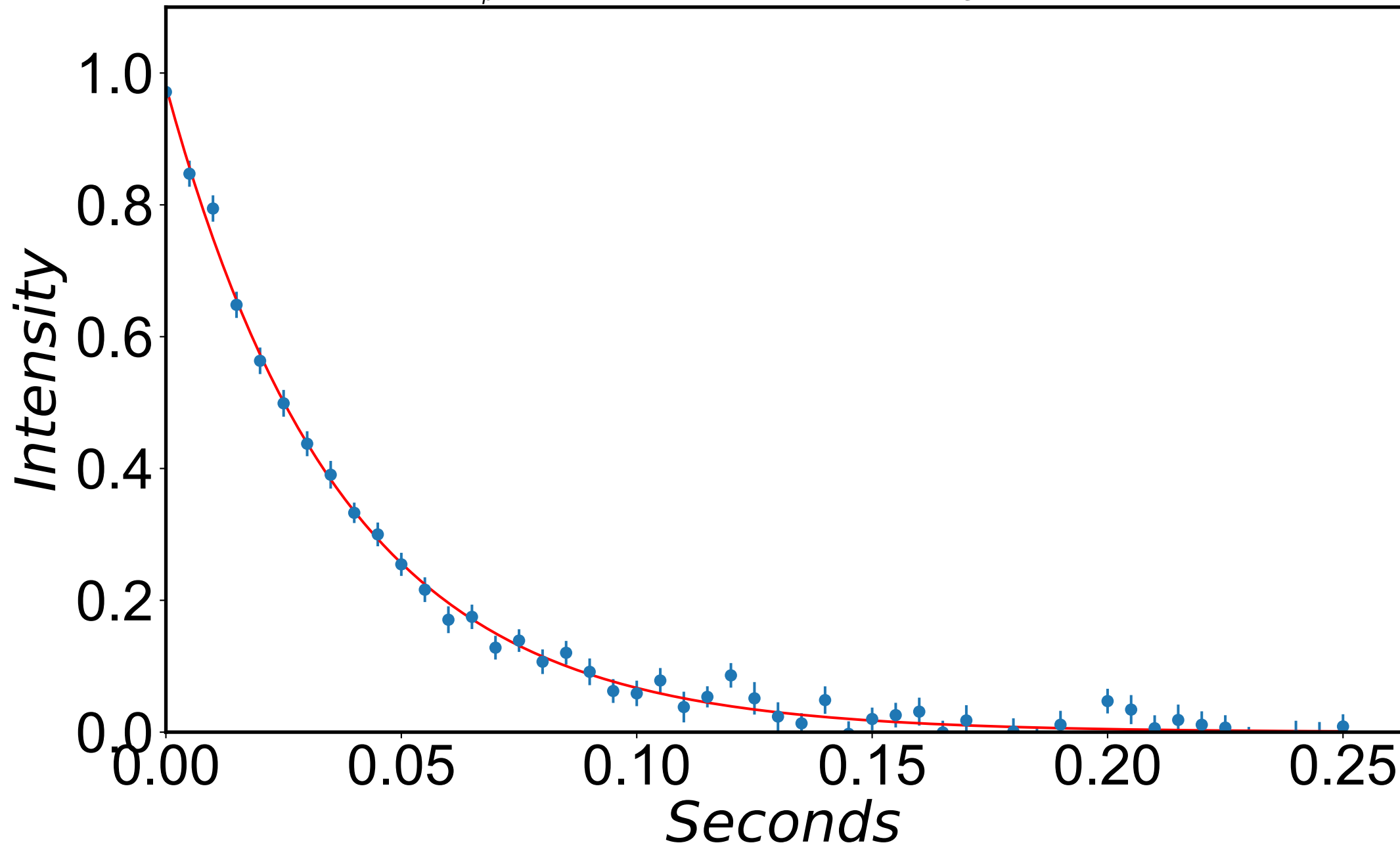
$$R_{1\rho} = 30.7 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 136 \text{ Hz}$$



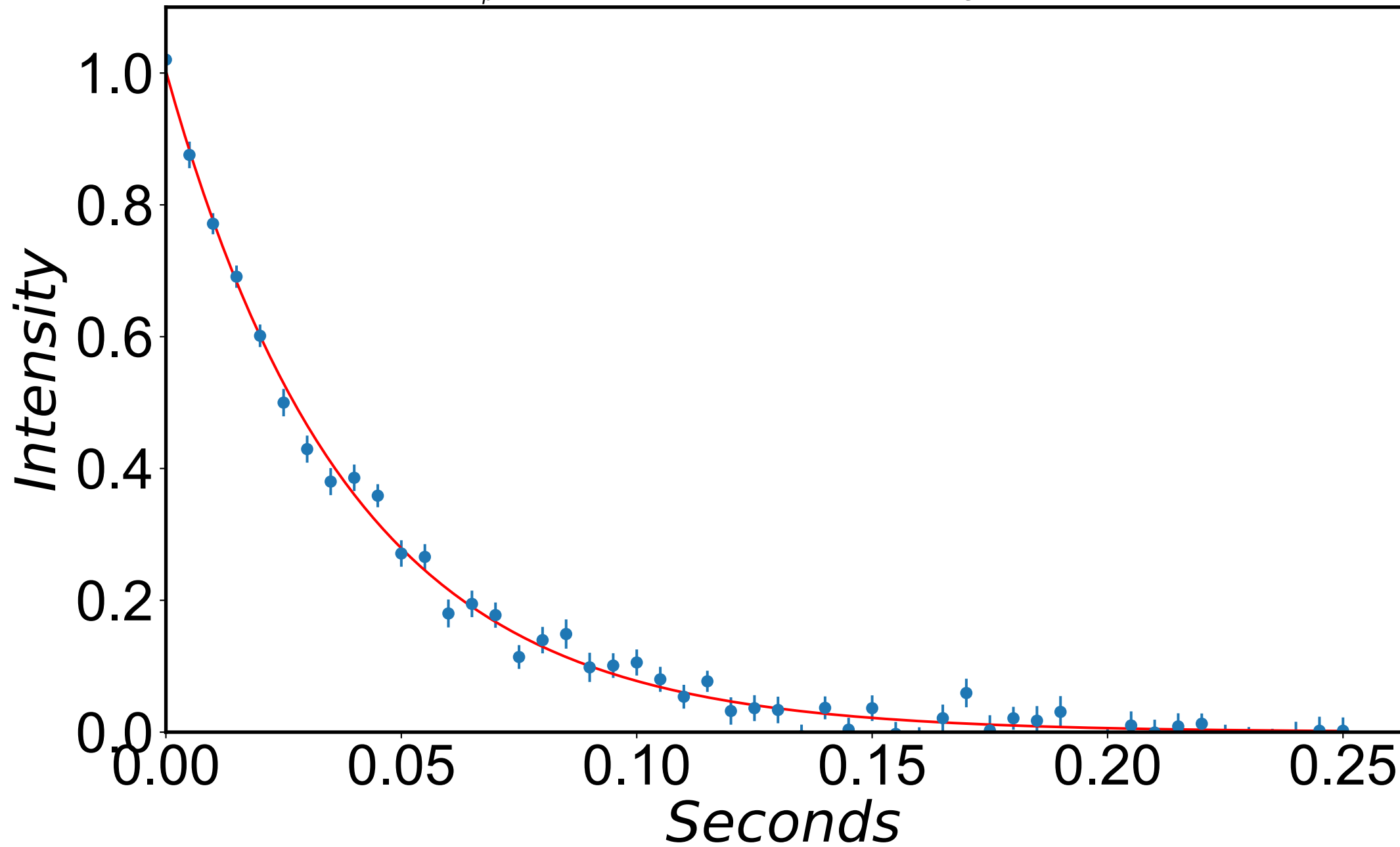
$$R_{1\rho} = 29.2 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 146 \text{ Hz}$$



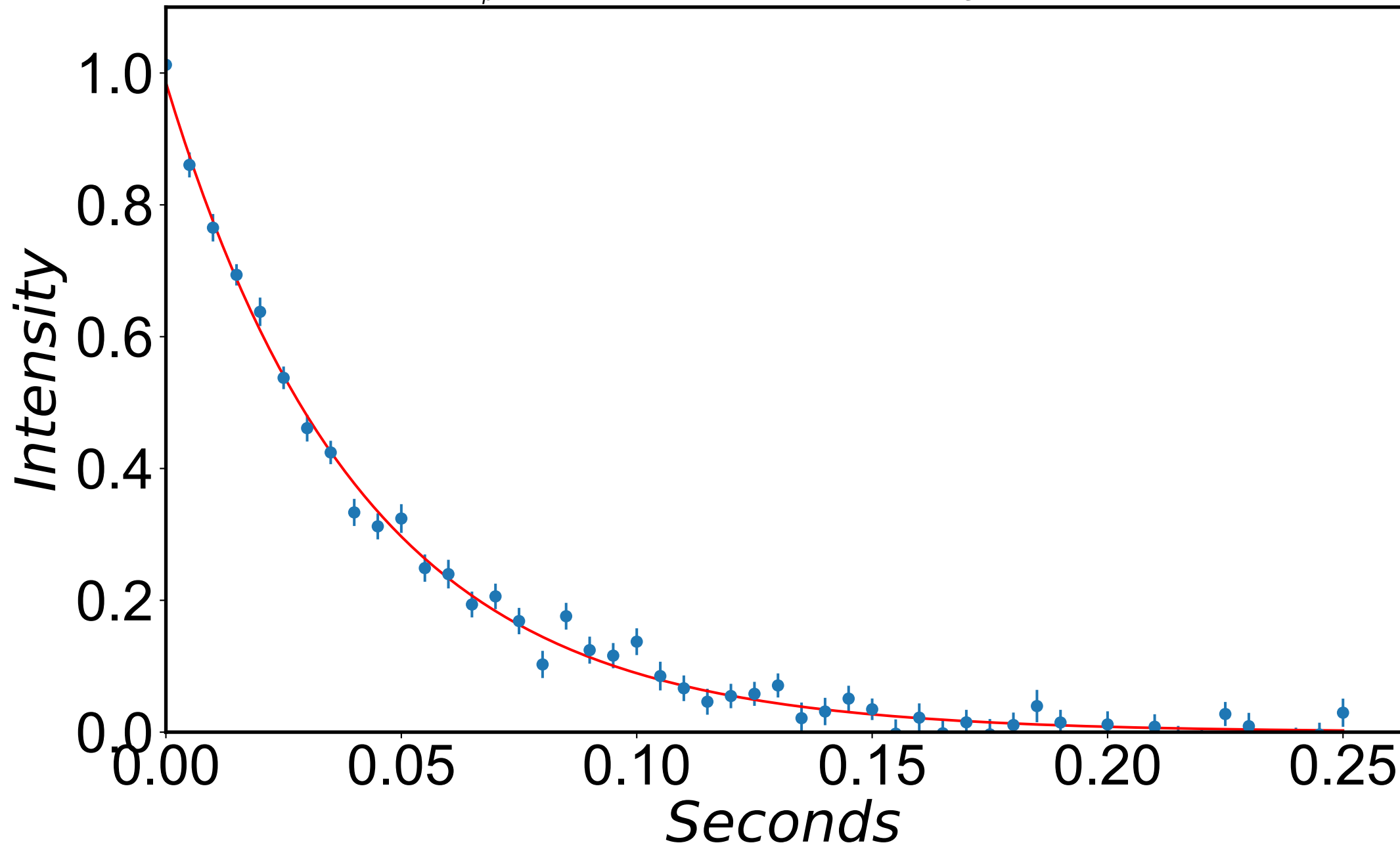
$$R_{1\rho} = 26.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 156 \text{ Hz}$$



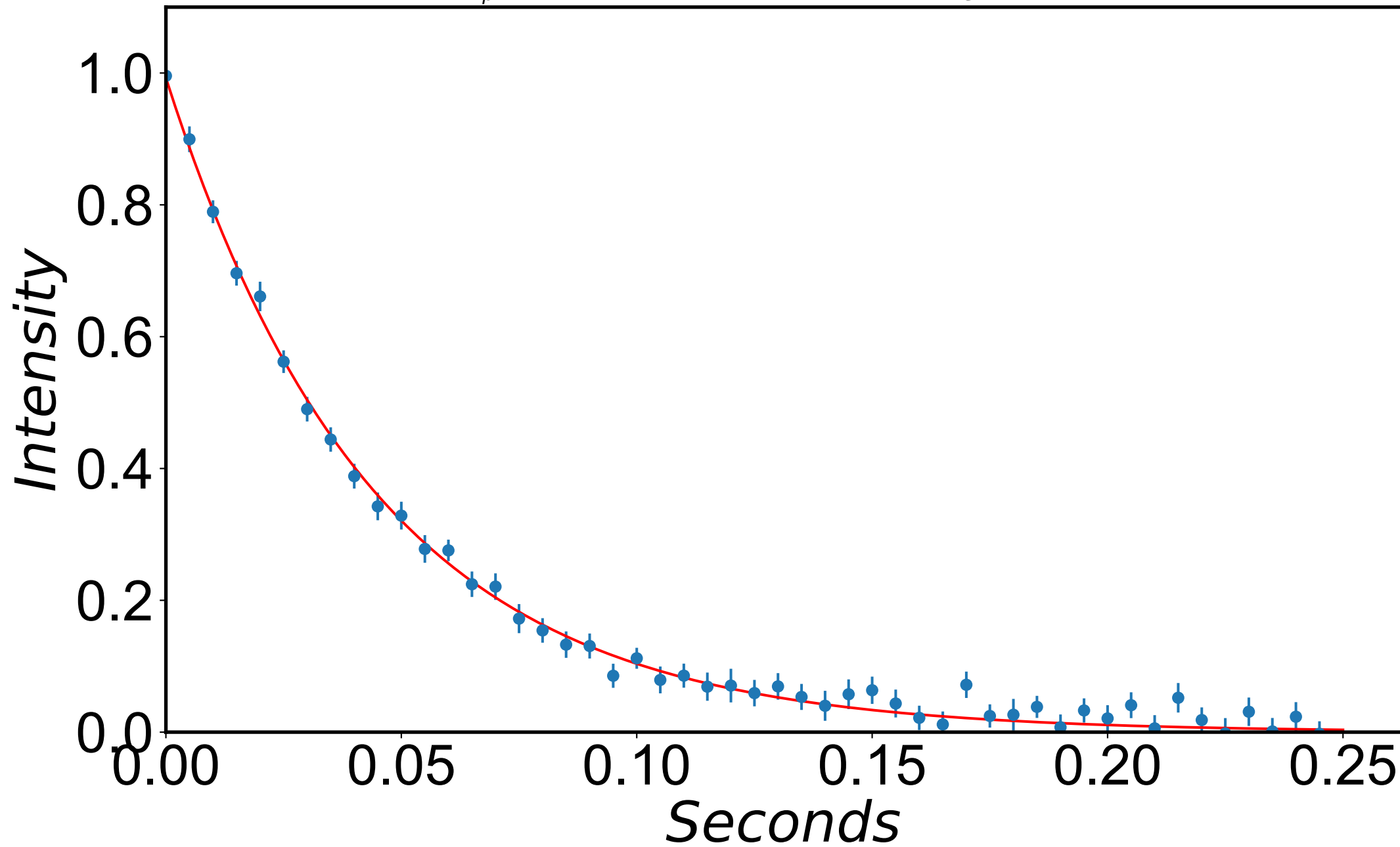
$$R_{1\rho} = 25.6 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 166 \text{ Hz}$$



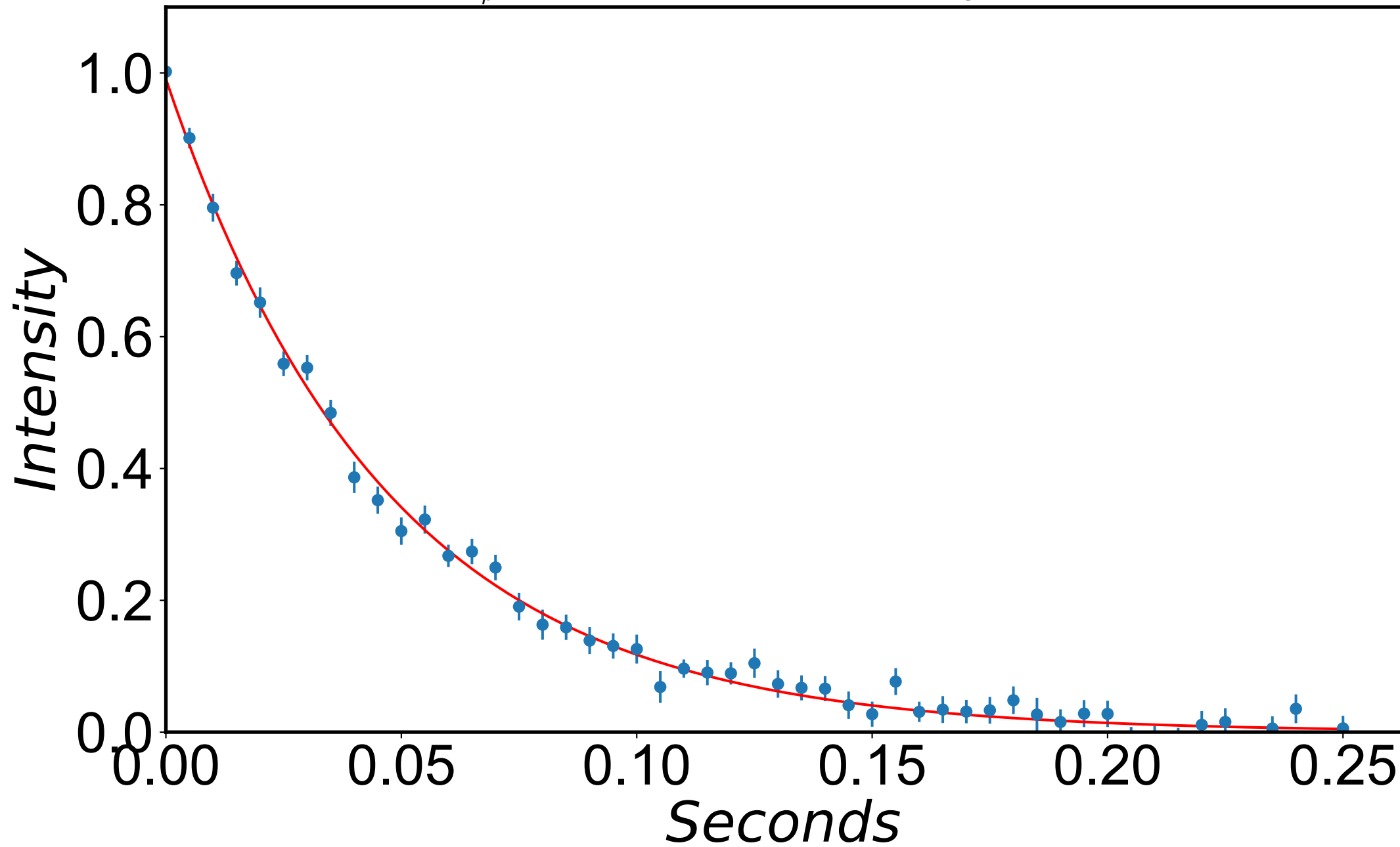
$$R_{1\rho} = 24.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 176 \text{ Hz}$$



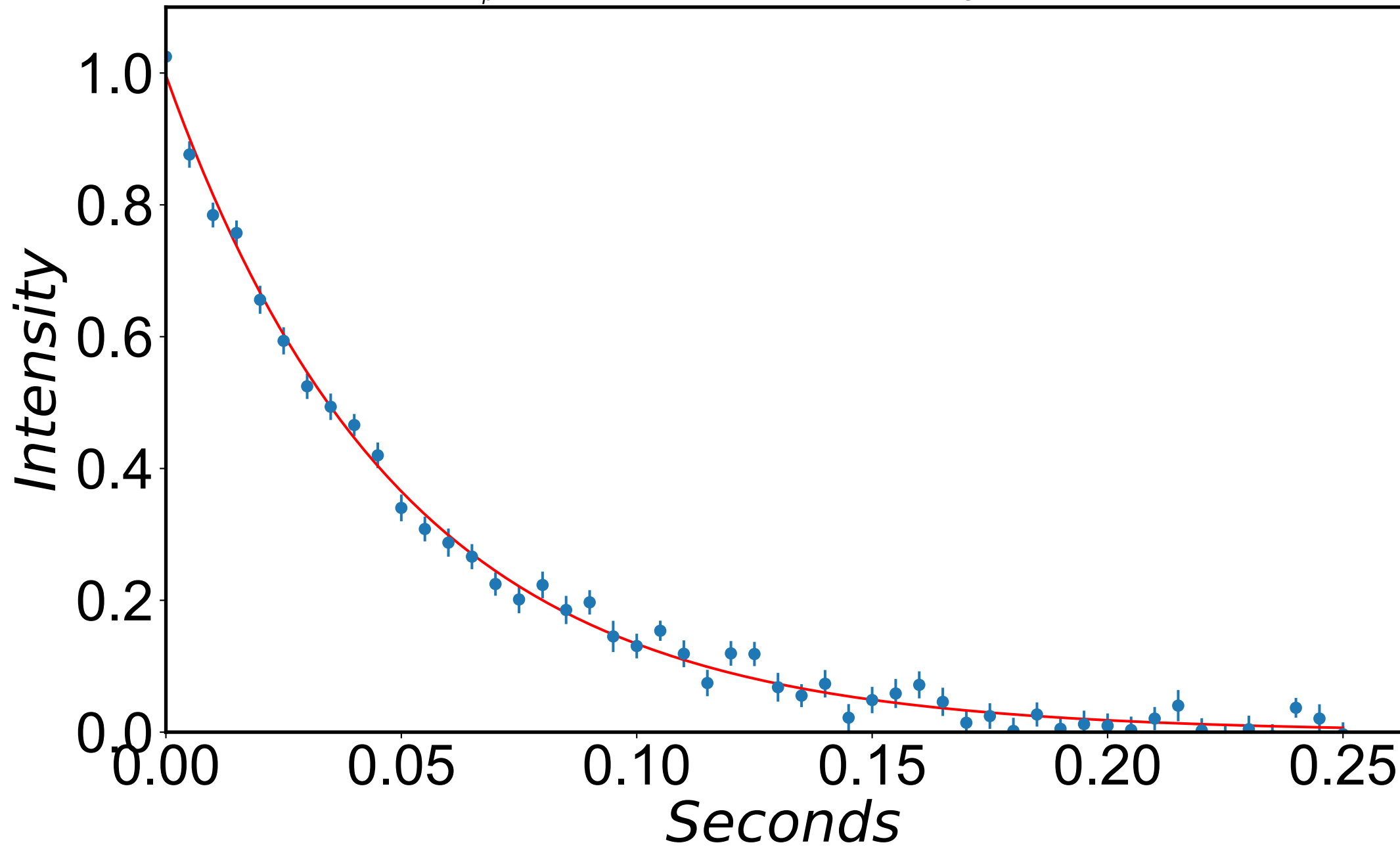
$$R_{1\rho} = 22.6 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 186 \text{ Hz}$$



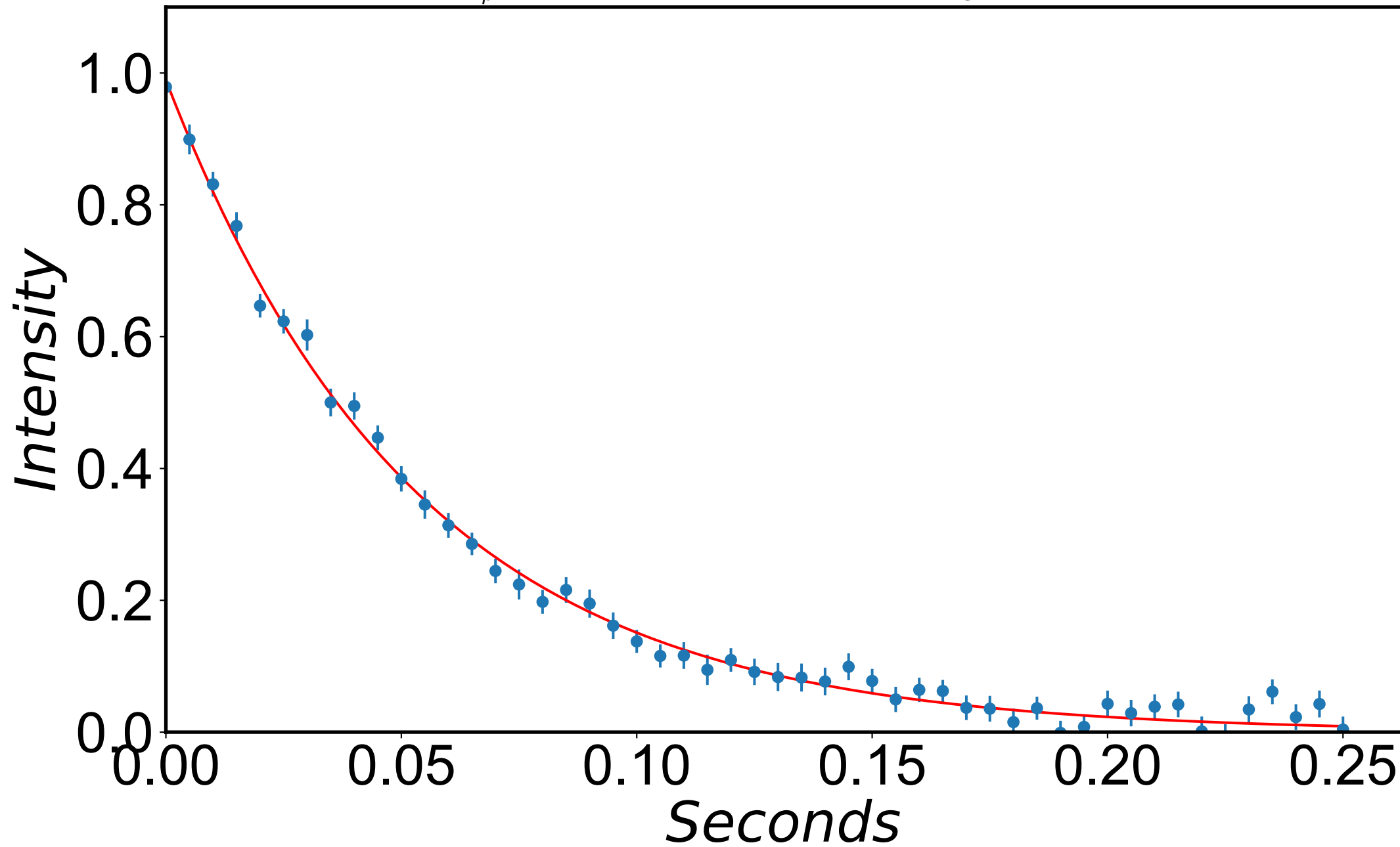
$$R_{1\rho} = 21.3 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 196 \text{ Hz}$$



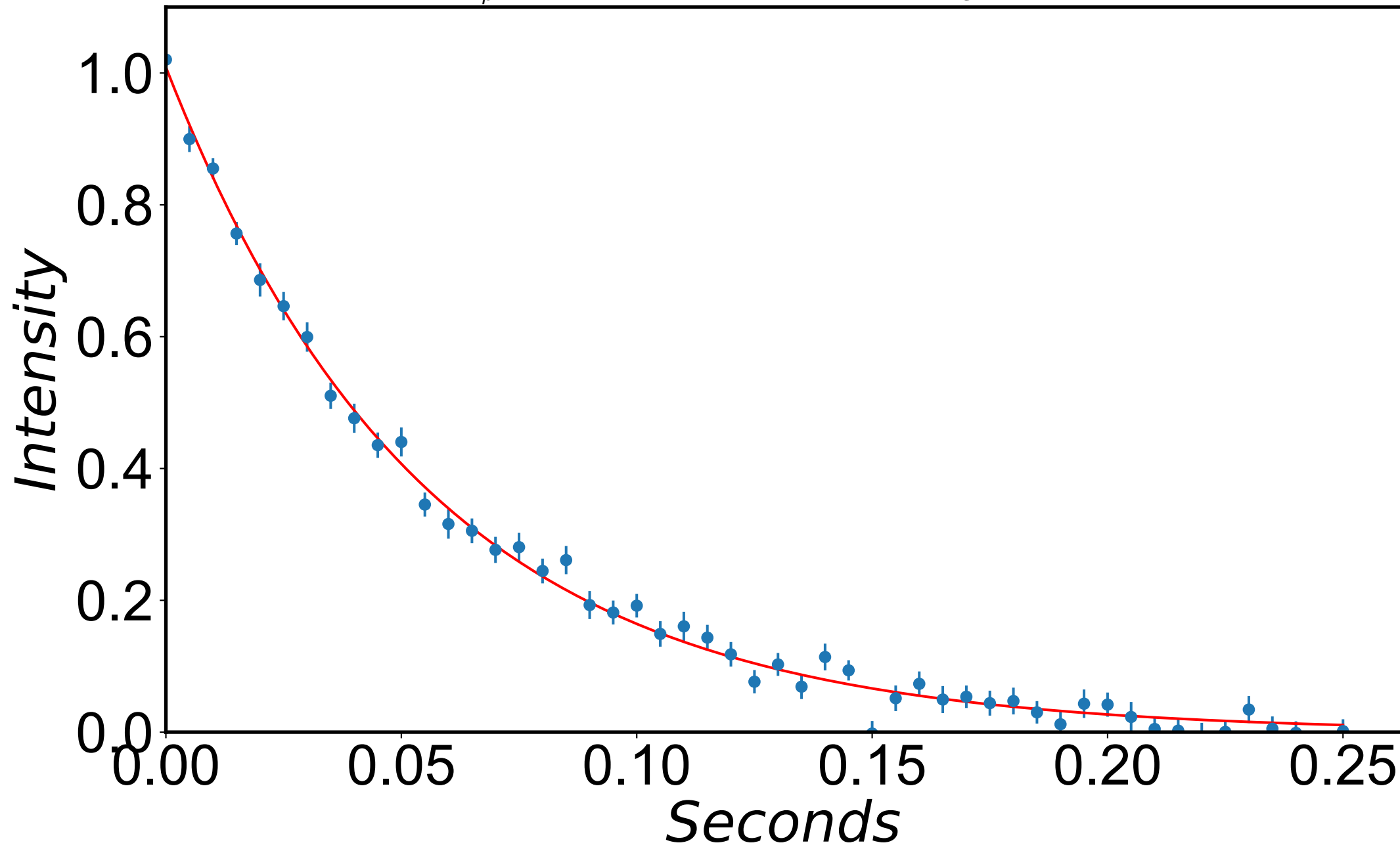
$$R_{1\rho} = 20.1 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 206 \text{ Hz}$$



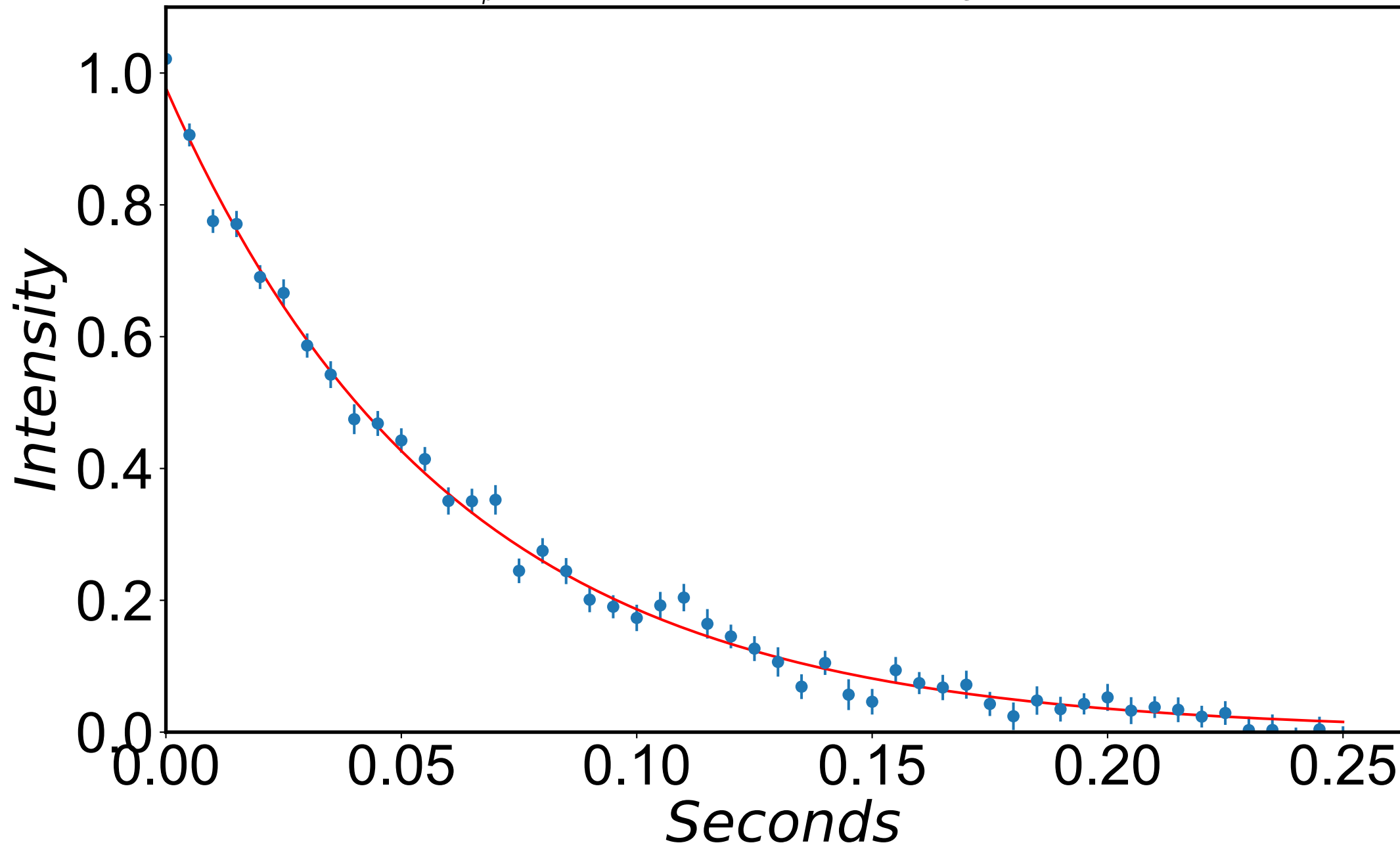
$$R_{1\rho} = 18.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 216 \text{ Hz}$$



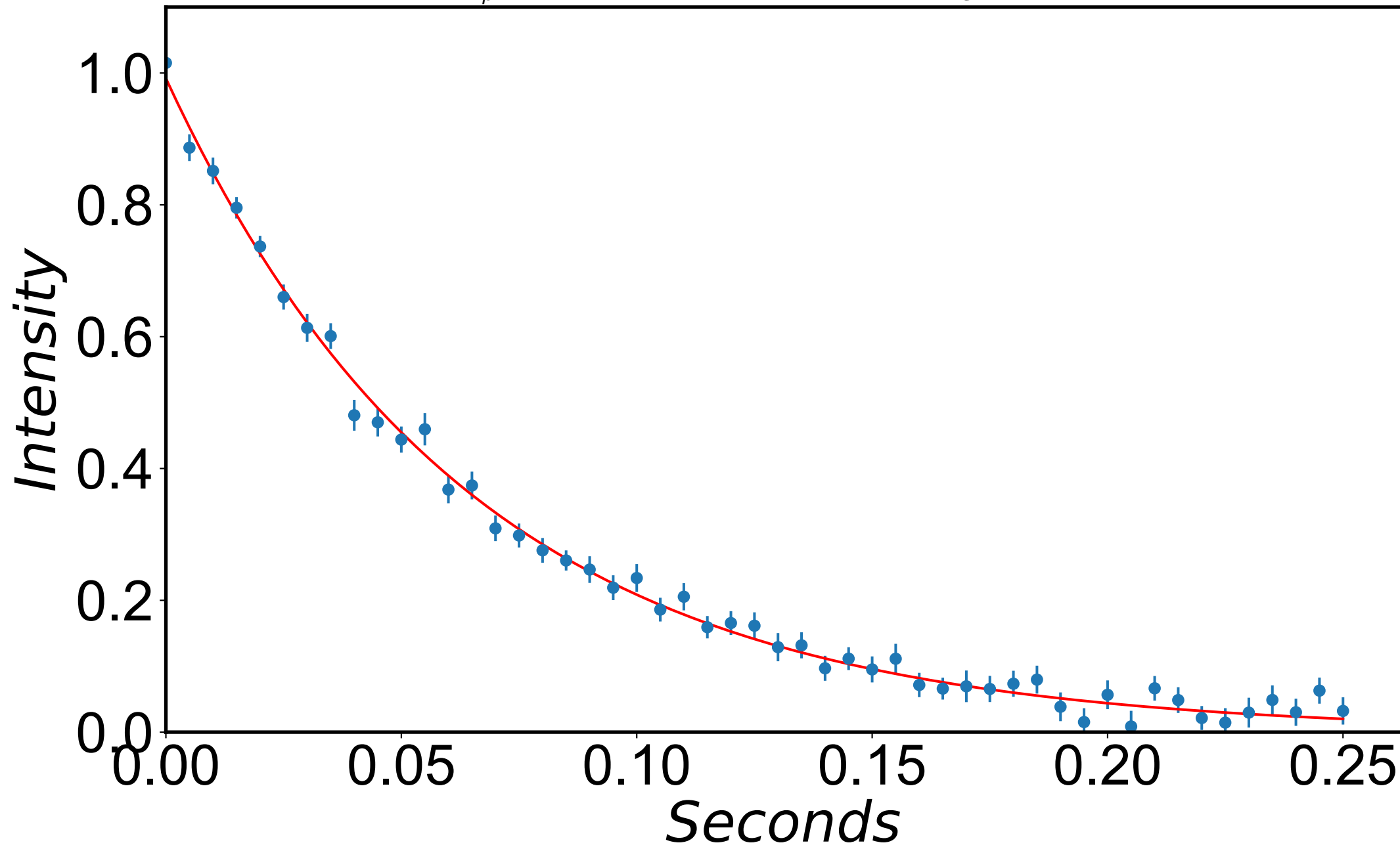
$$R_{1\rho} = 18.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 226 \text{ Hz}$$



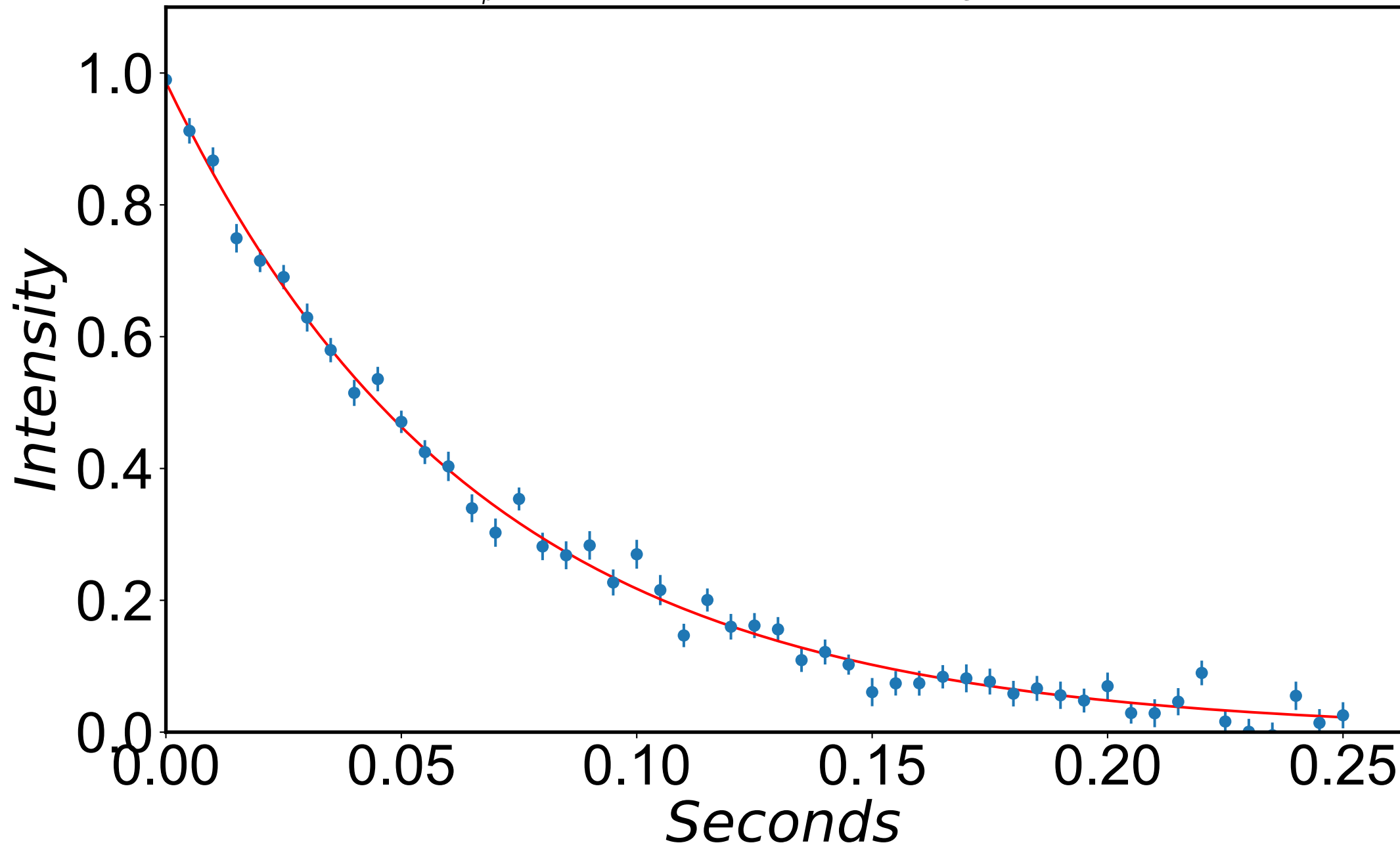
$$R_{1\rho} = 16.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 236 \text{ Hz}$$



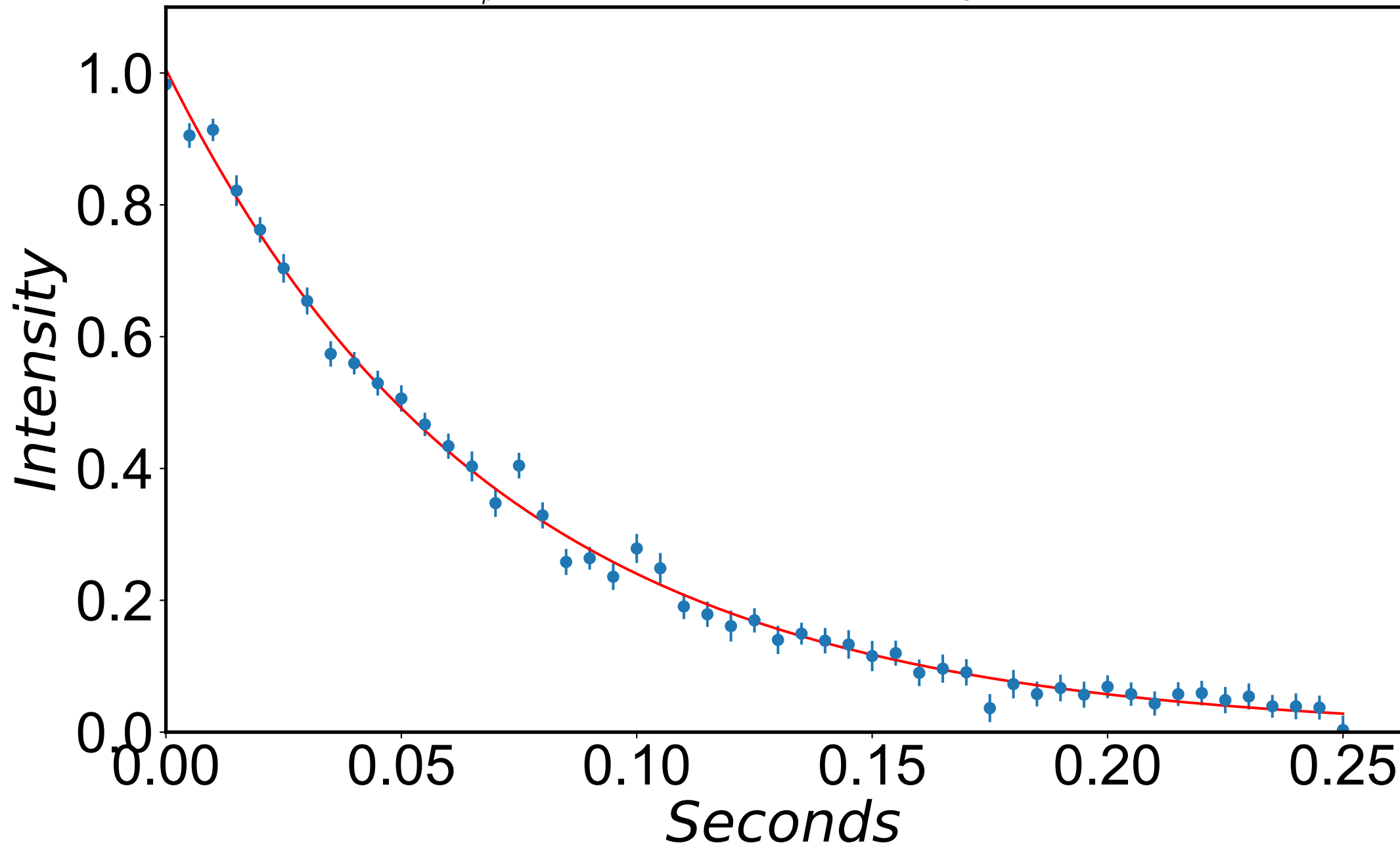
$$R_{1\rho} = 15.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 246 \text{ Hz}$$



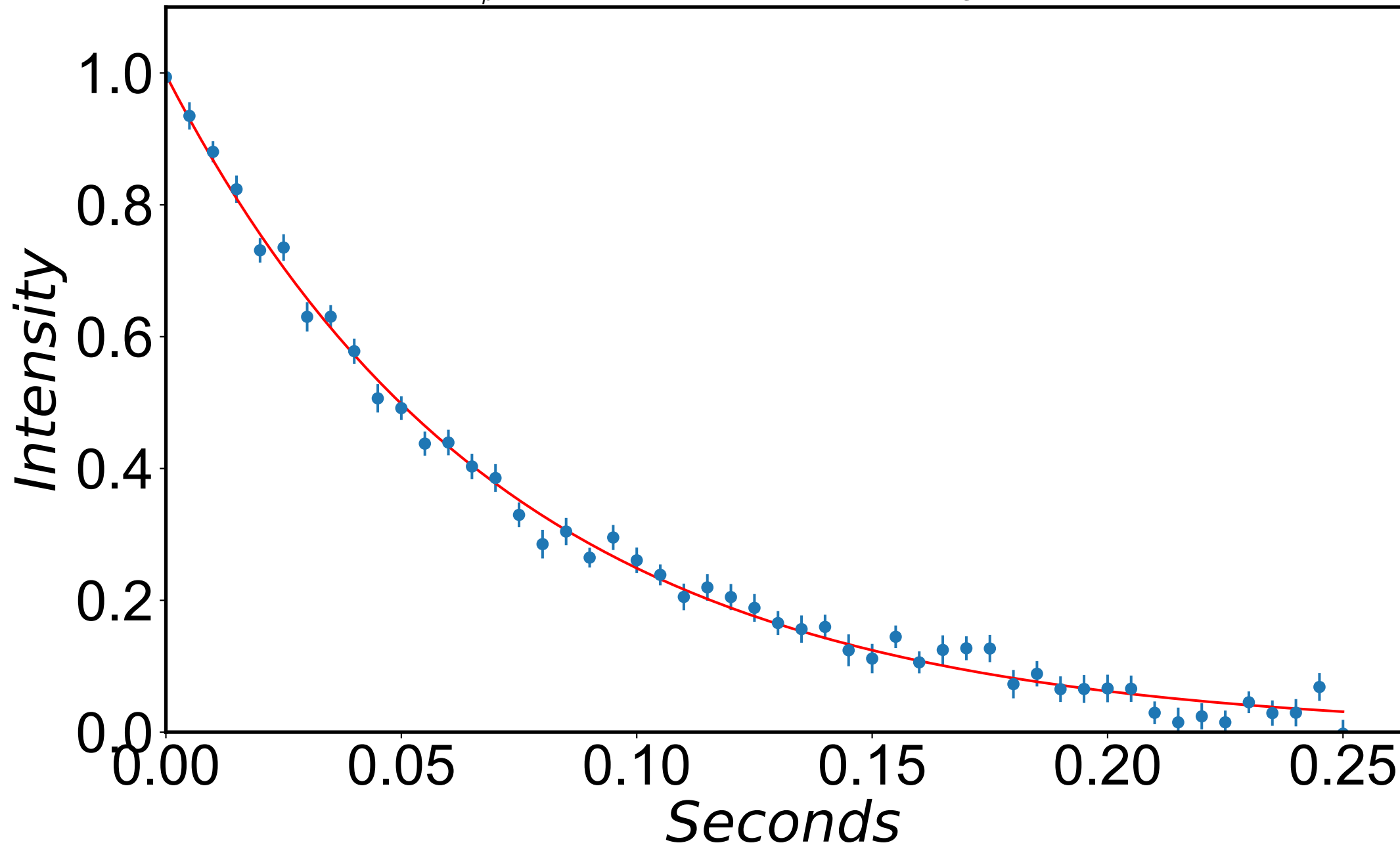
$$R_{1\rho} = 15.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 256 \text{ Hz}$$



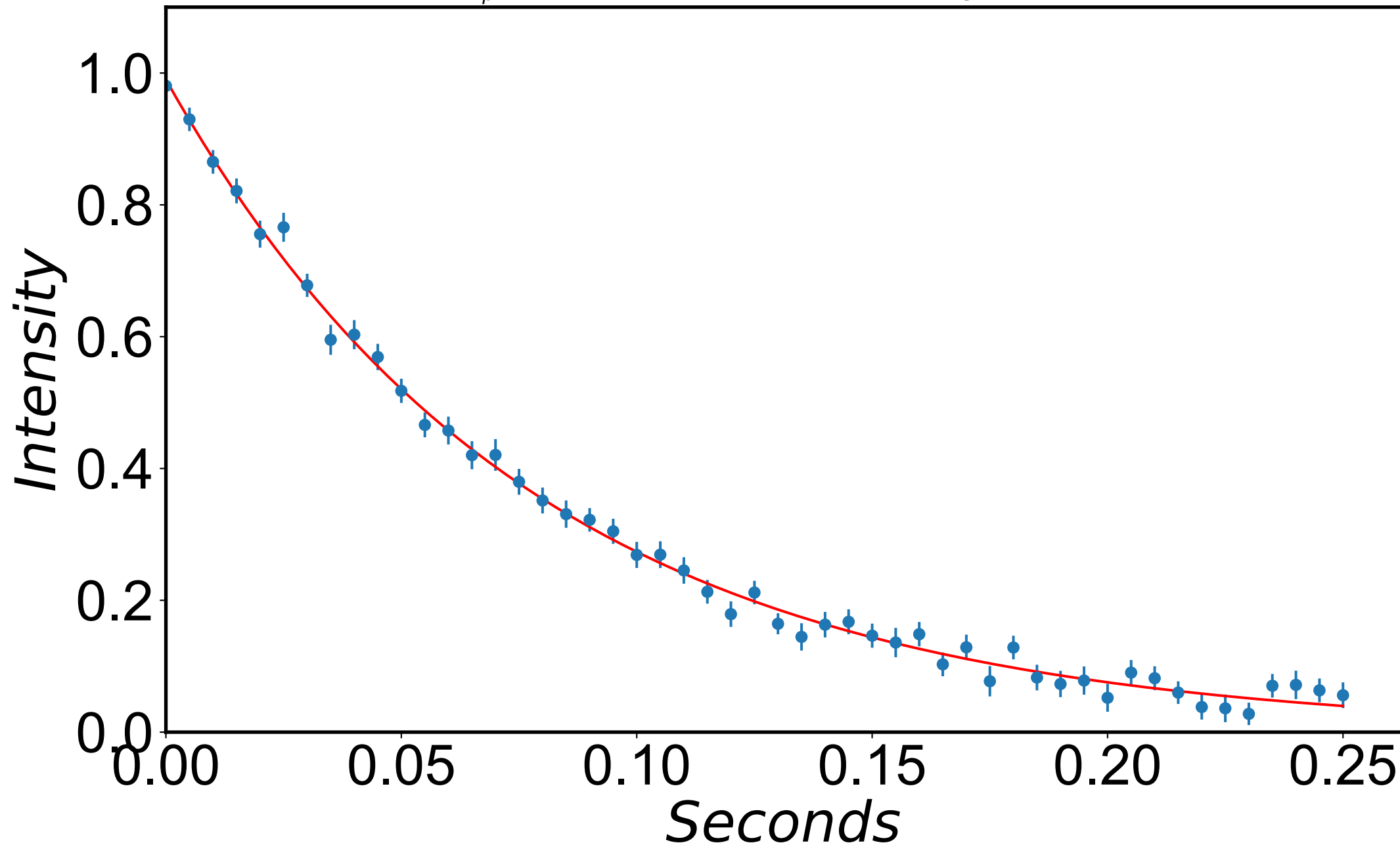
$$R_{1\rho} = 14.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 266 \text{ Hz}$$



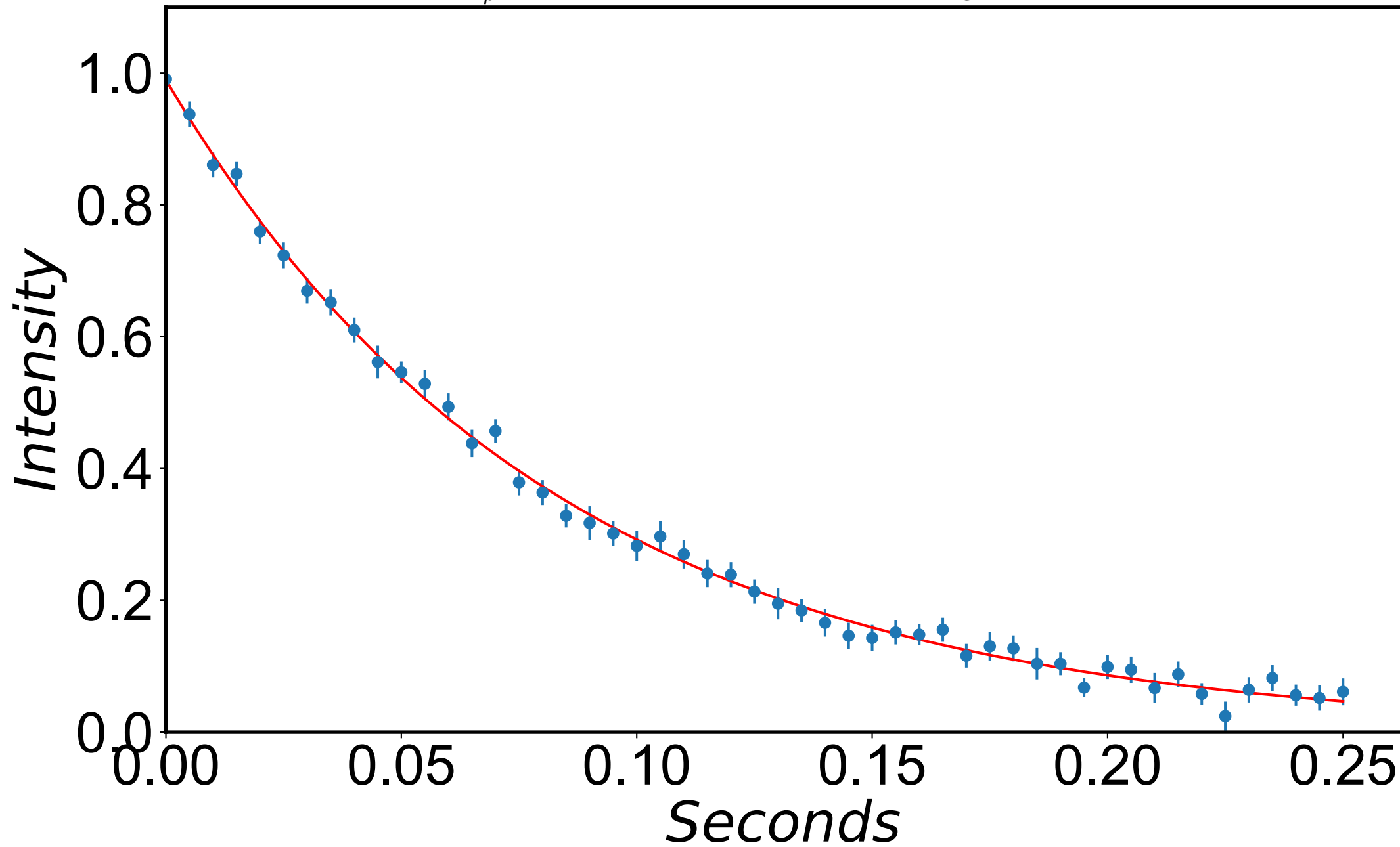
$$R_{1\rho} = 13.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 276 \text{ Hz}$$



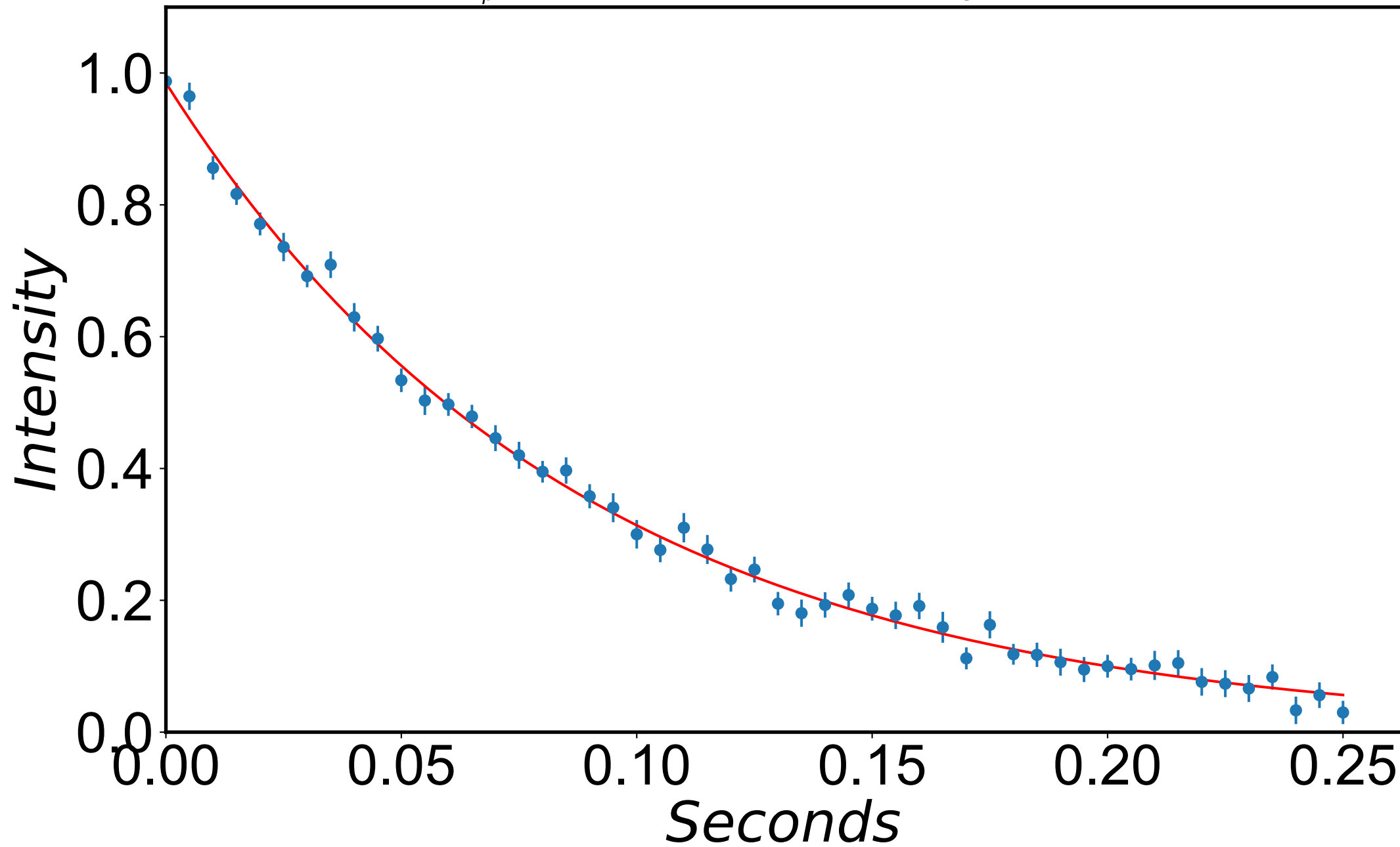
$$R_{1\rho} = 12.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 286 \text{ Hz}$$



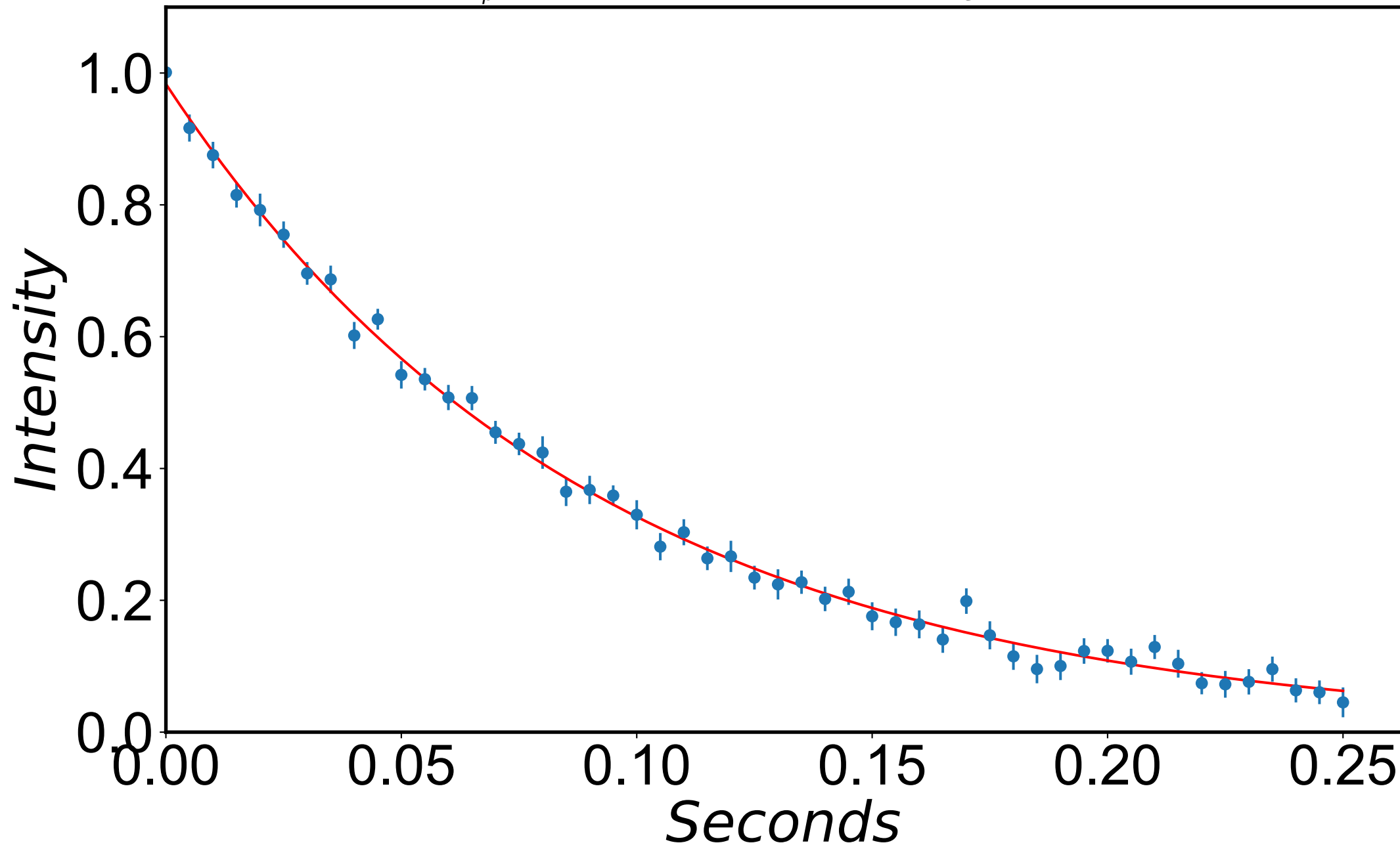
$$R_{1\rho} = 12.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 296 \text{ Hz}$$



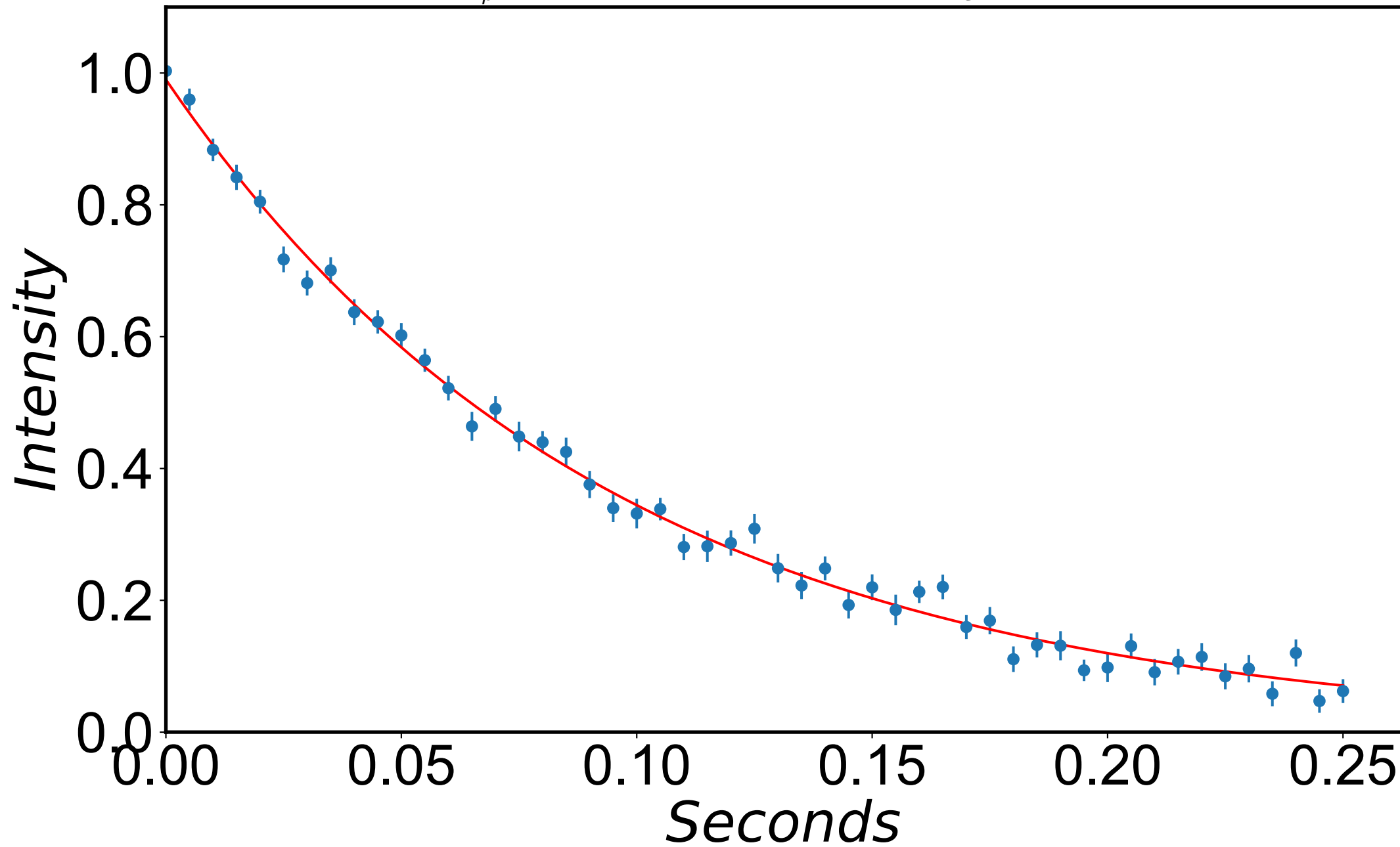
$$R_{1\rho} = 11.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 307 \text{ Hz}$$



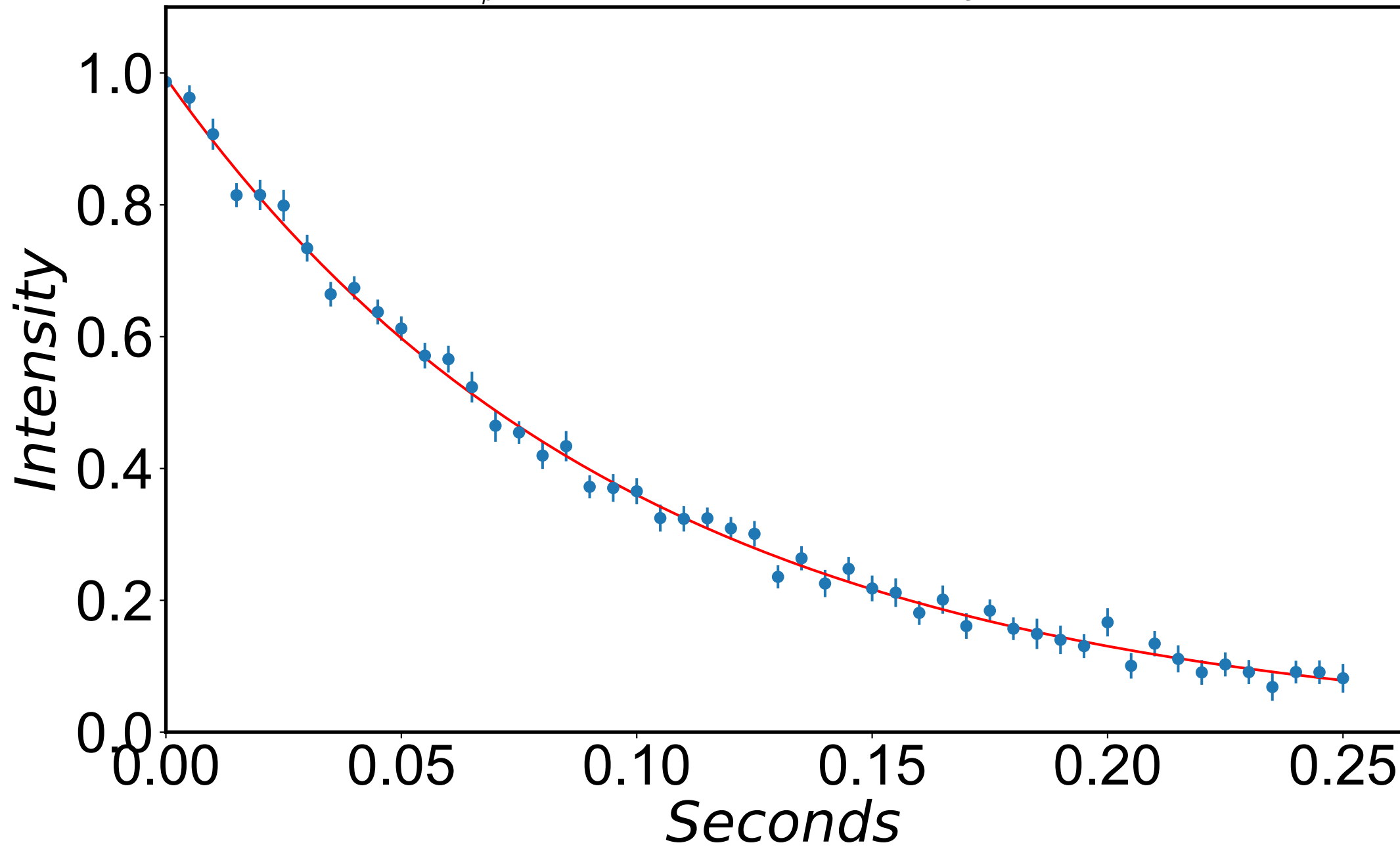
$$R_{1\rho} = 11.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 317 \text{ Hz}$$



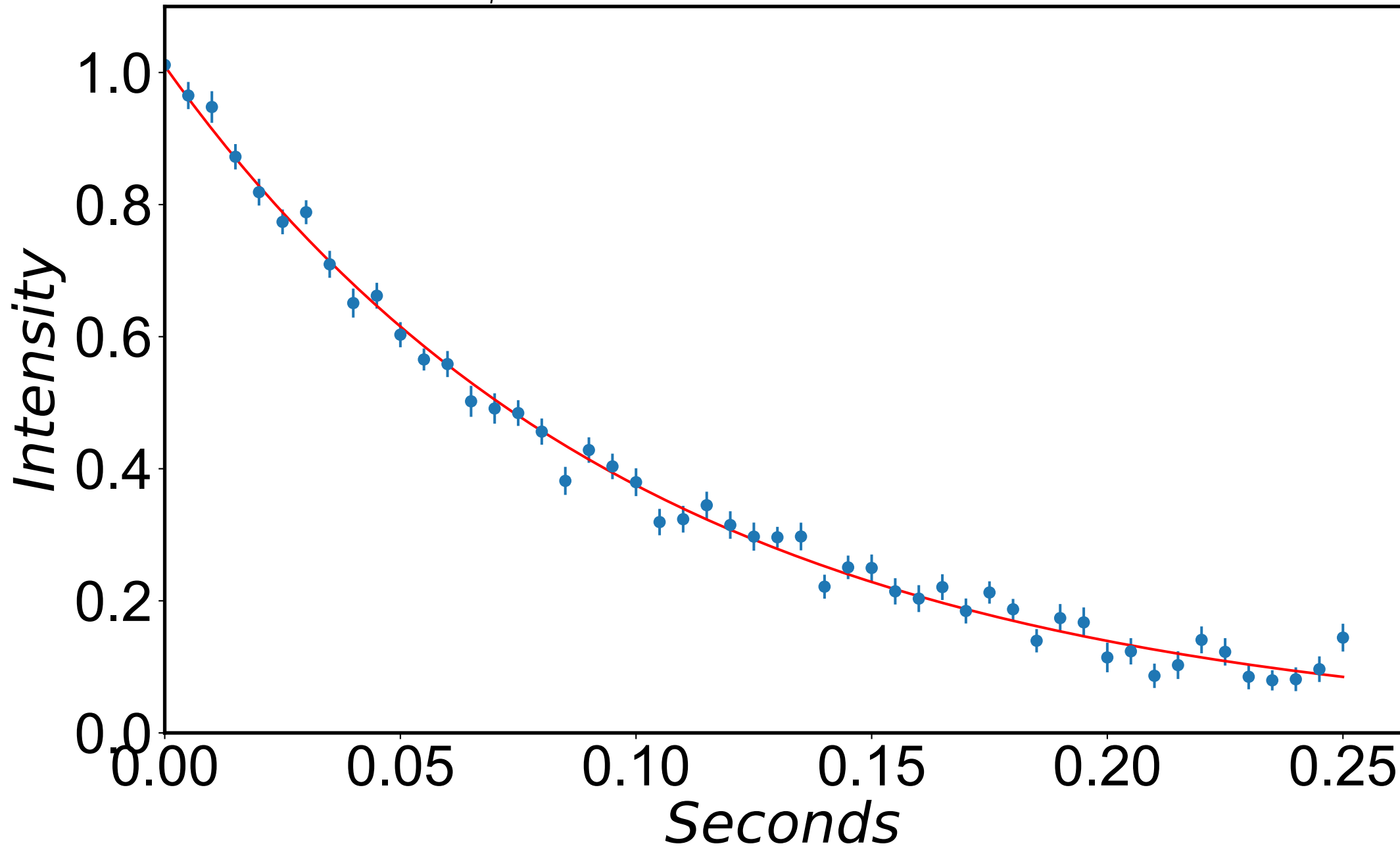
$$R_{1\rho} = 10.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 327 \text{ Hz}$$



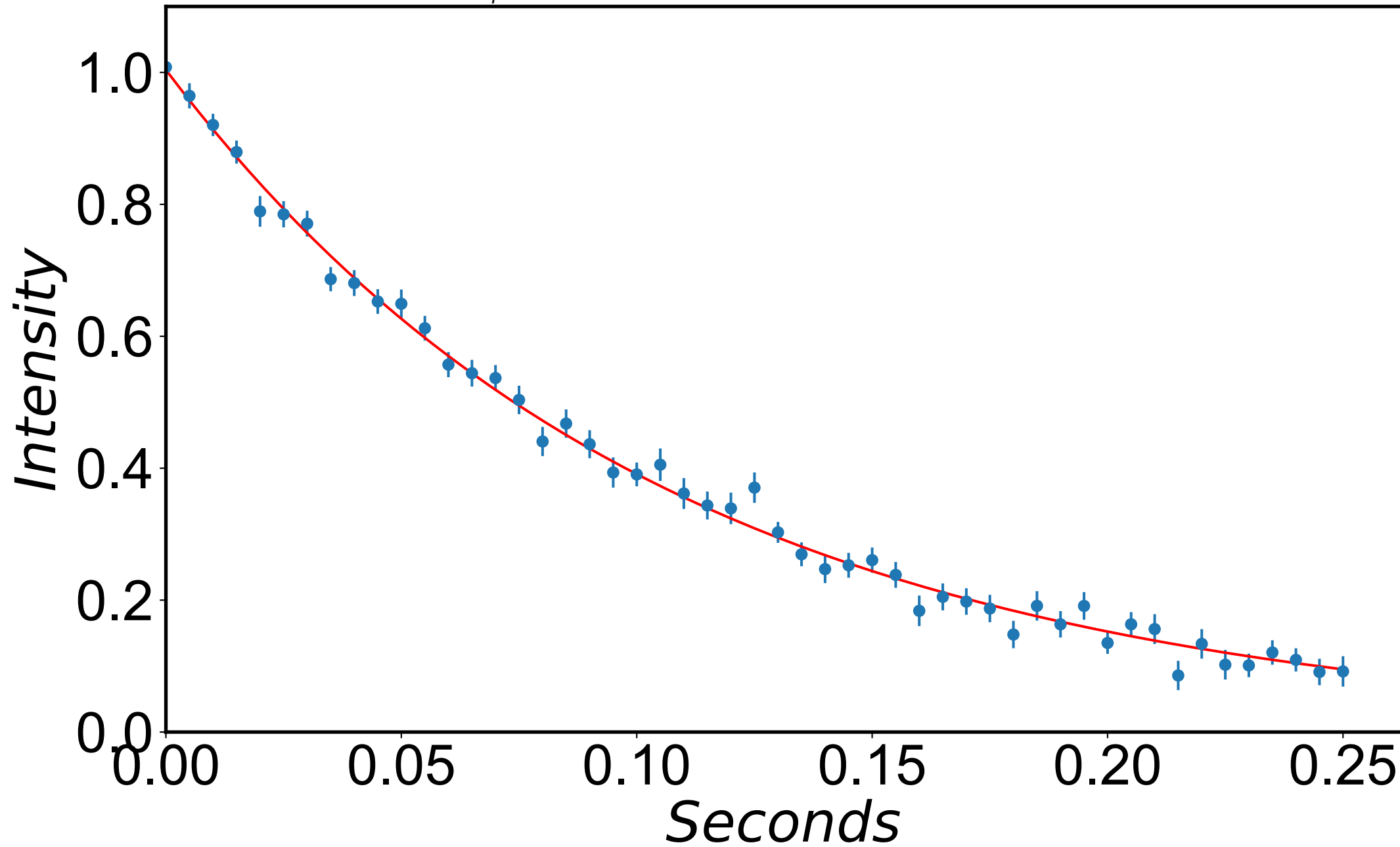
$$R_{1\rho} = 10.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 337 \text{ Hz}$$



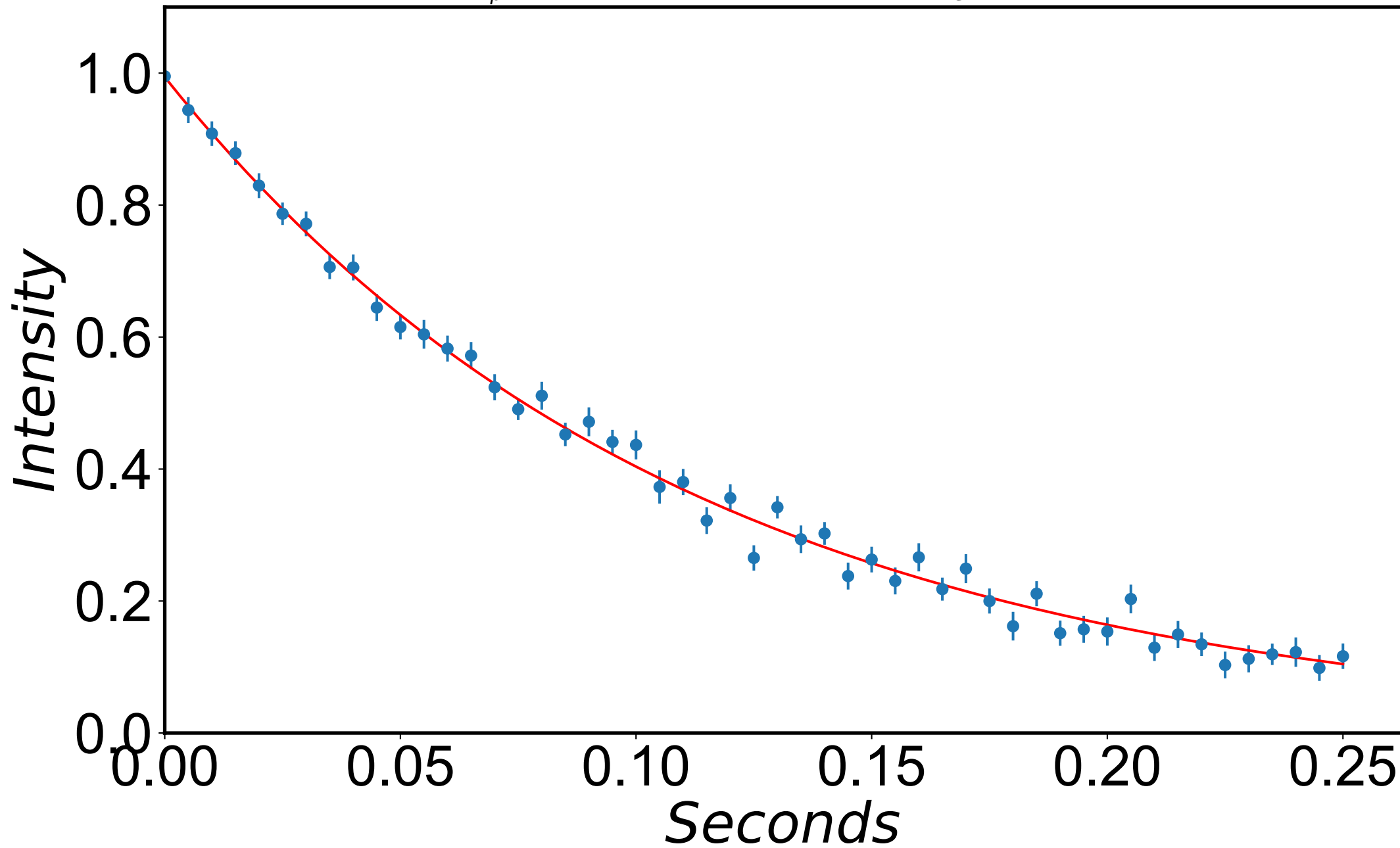
$$R_{1\rho} = 9.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 347 \text{ Hz}$$



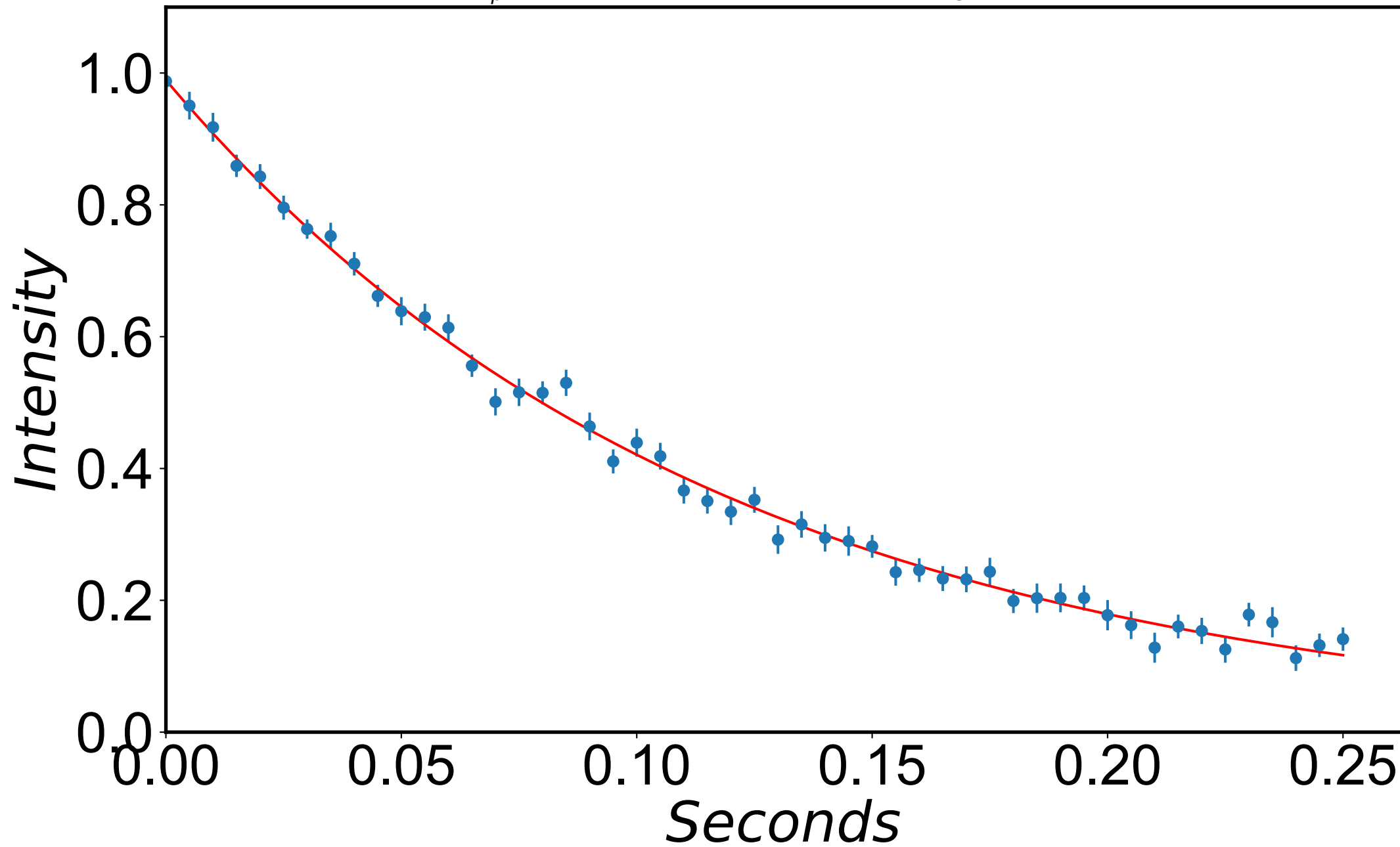
$$R_{1\rho} = 9.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 357 \text{ Hz}$$



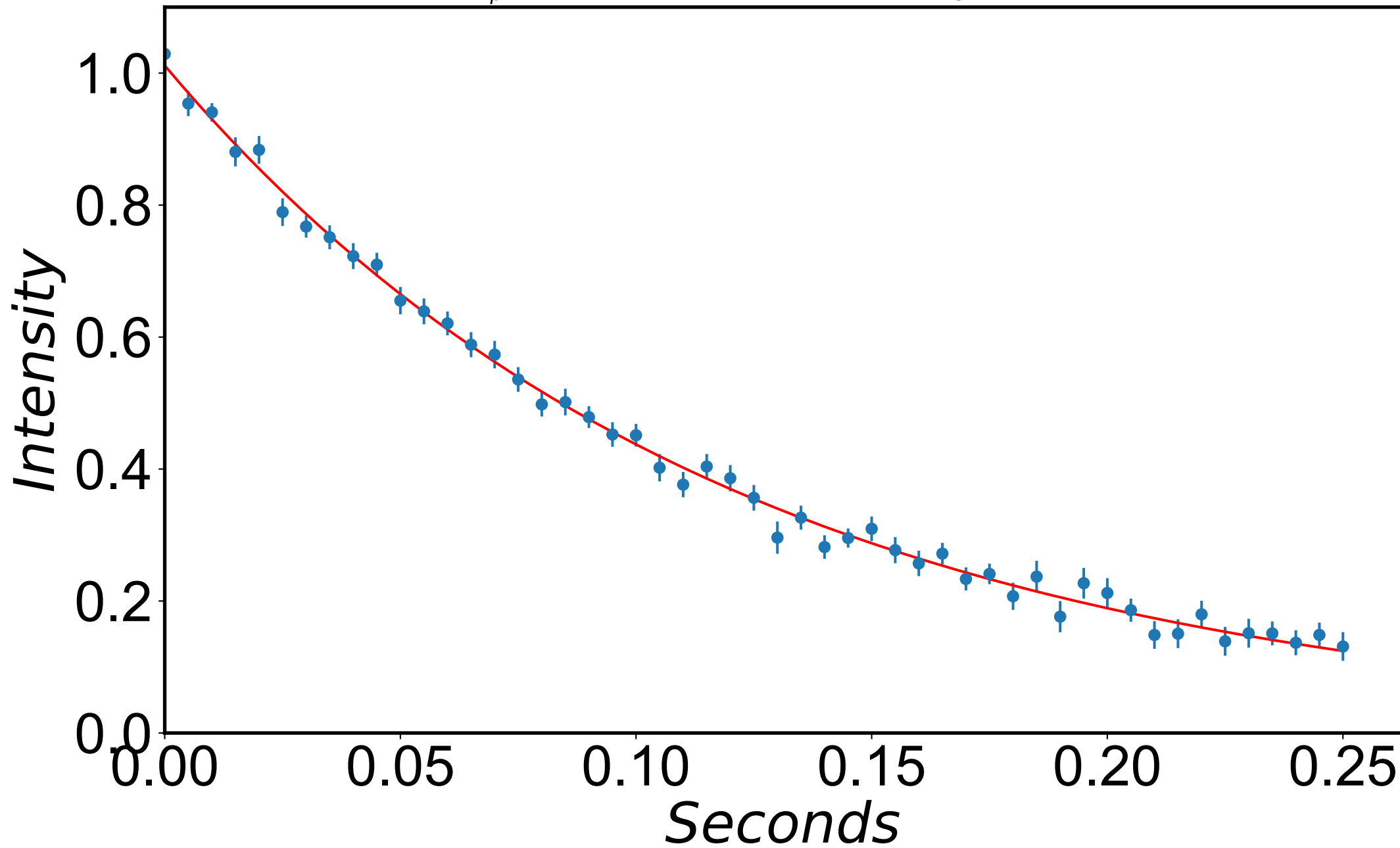
$$R_{1\rho} = 9.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 367 \text{ Hz}$$



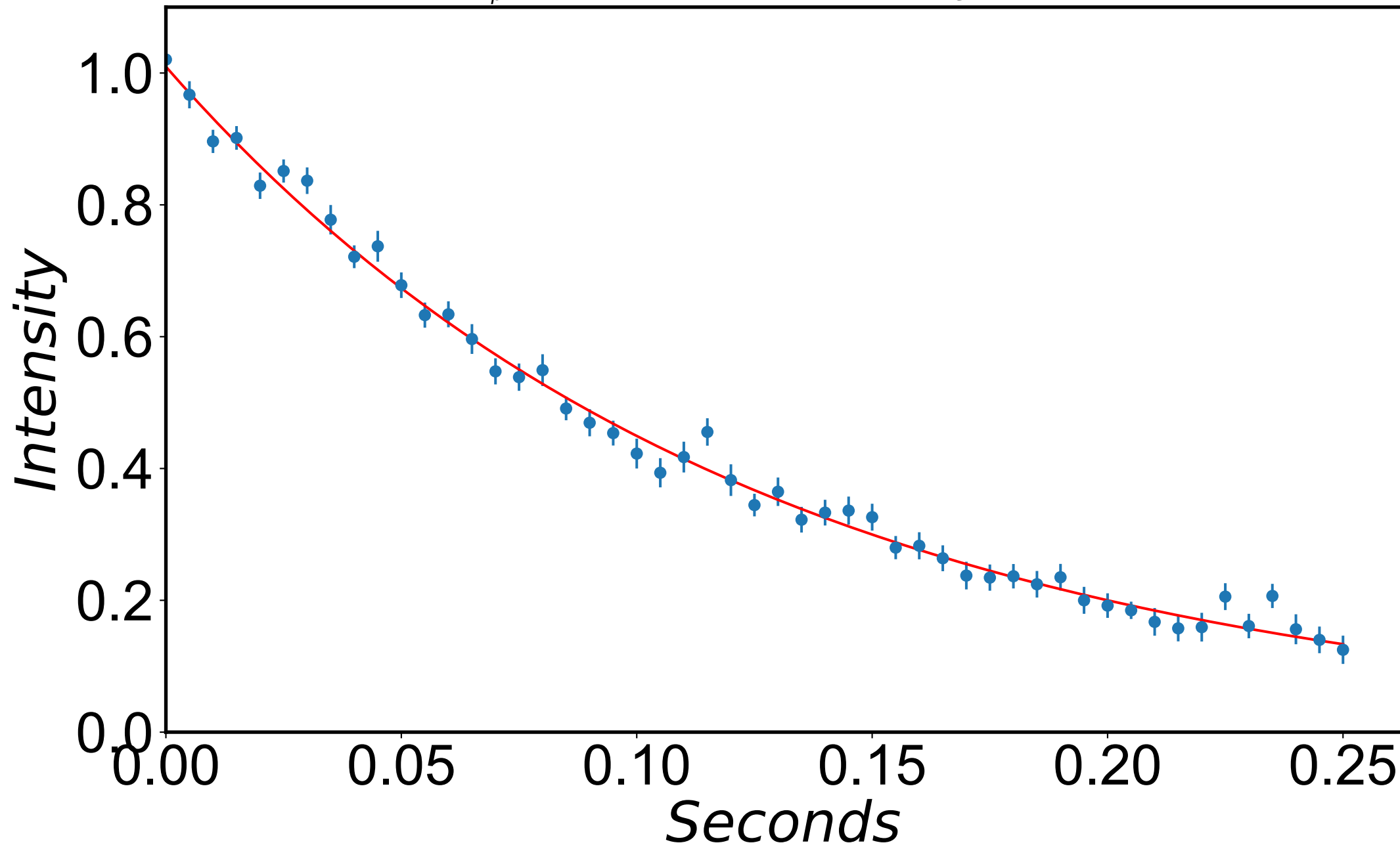
$$R_{1\rho} = 8.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 377 \text{ Hz}$$



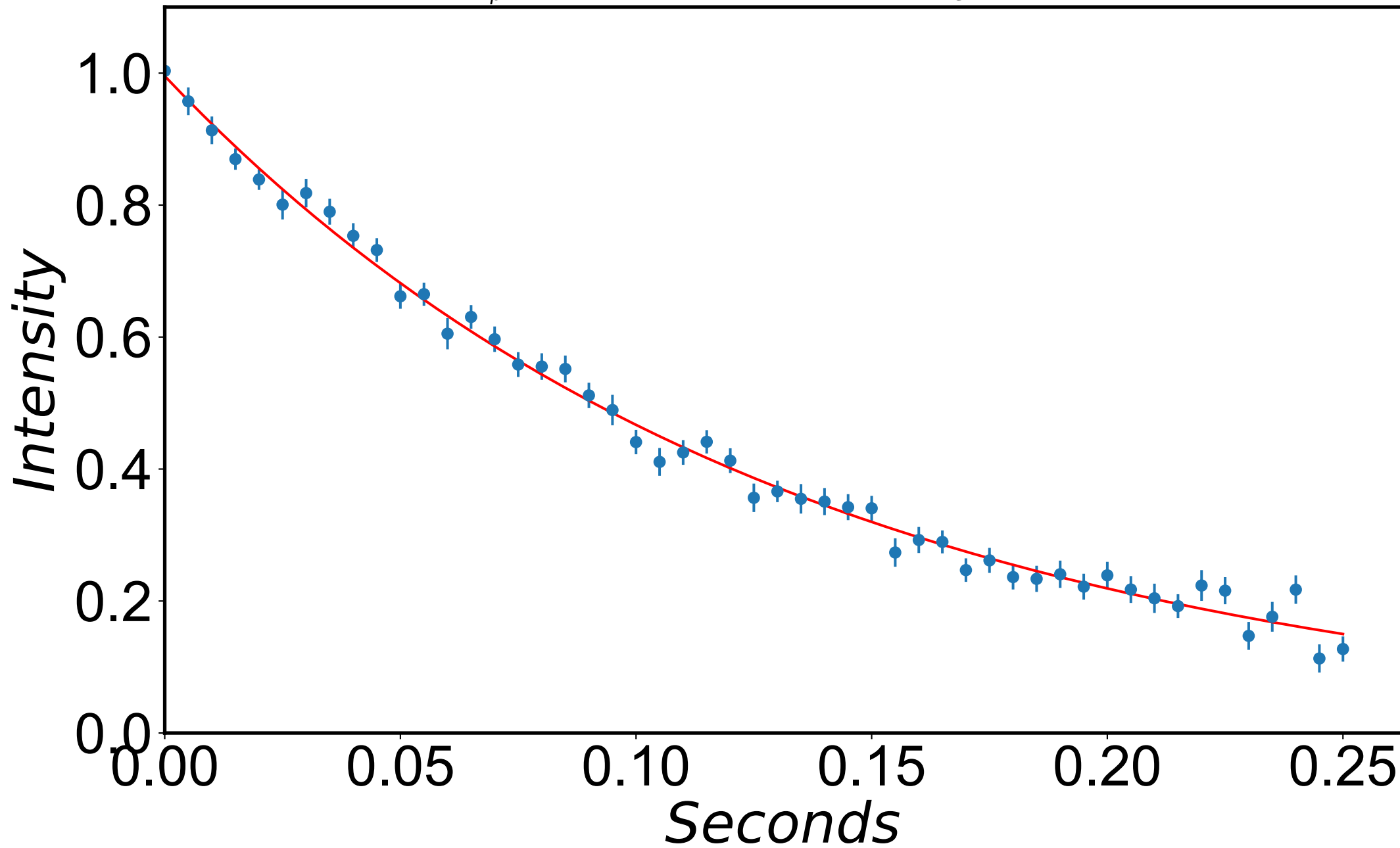
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 387 \text{ Hz}$$



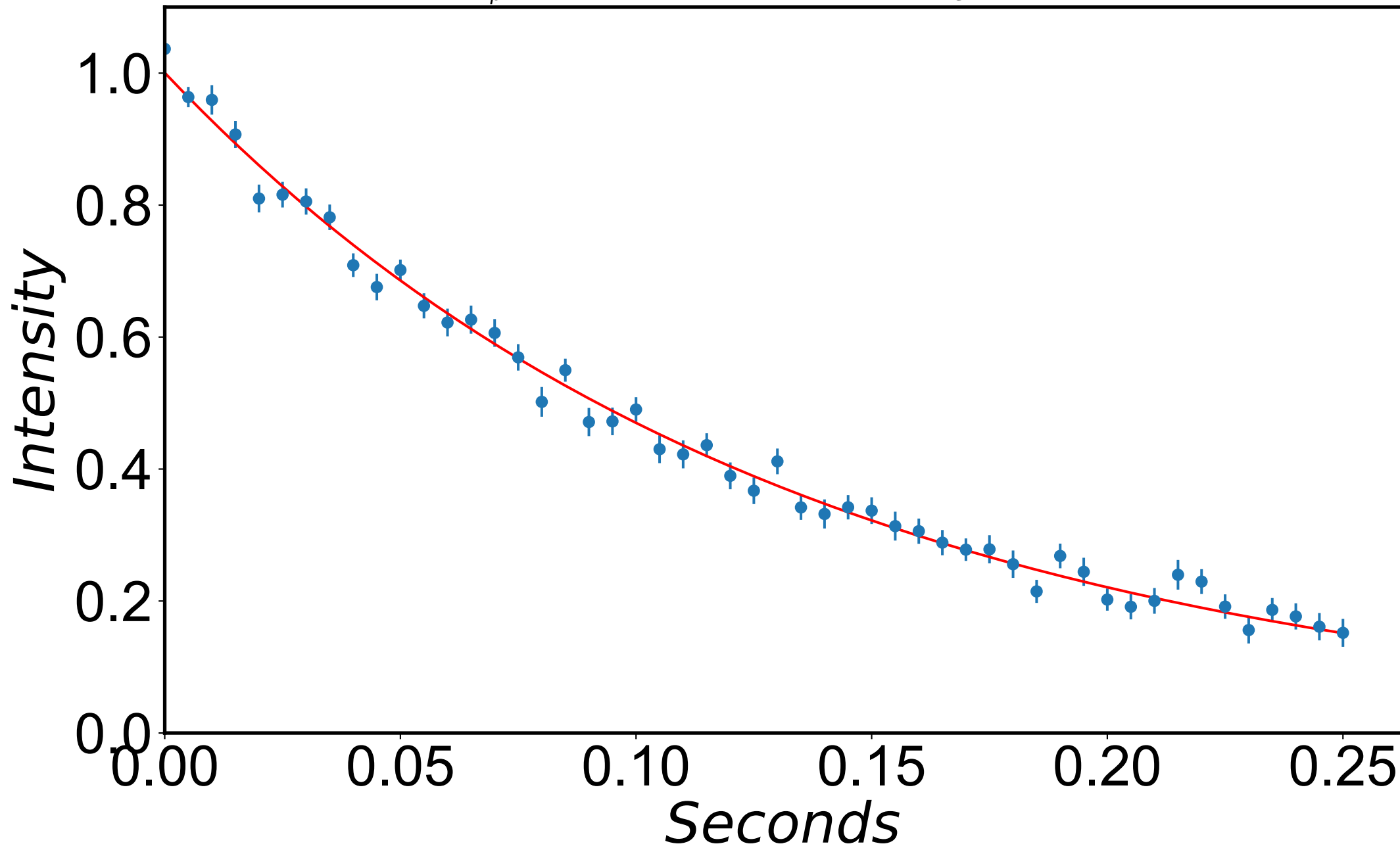
$$R_{1\rho} = 8.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 397 \text{ Hz}$$



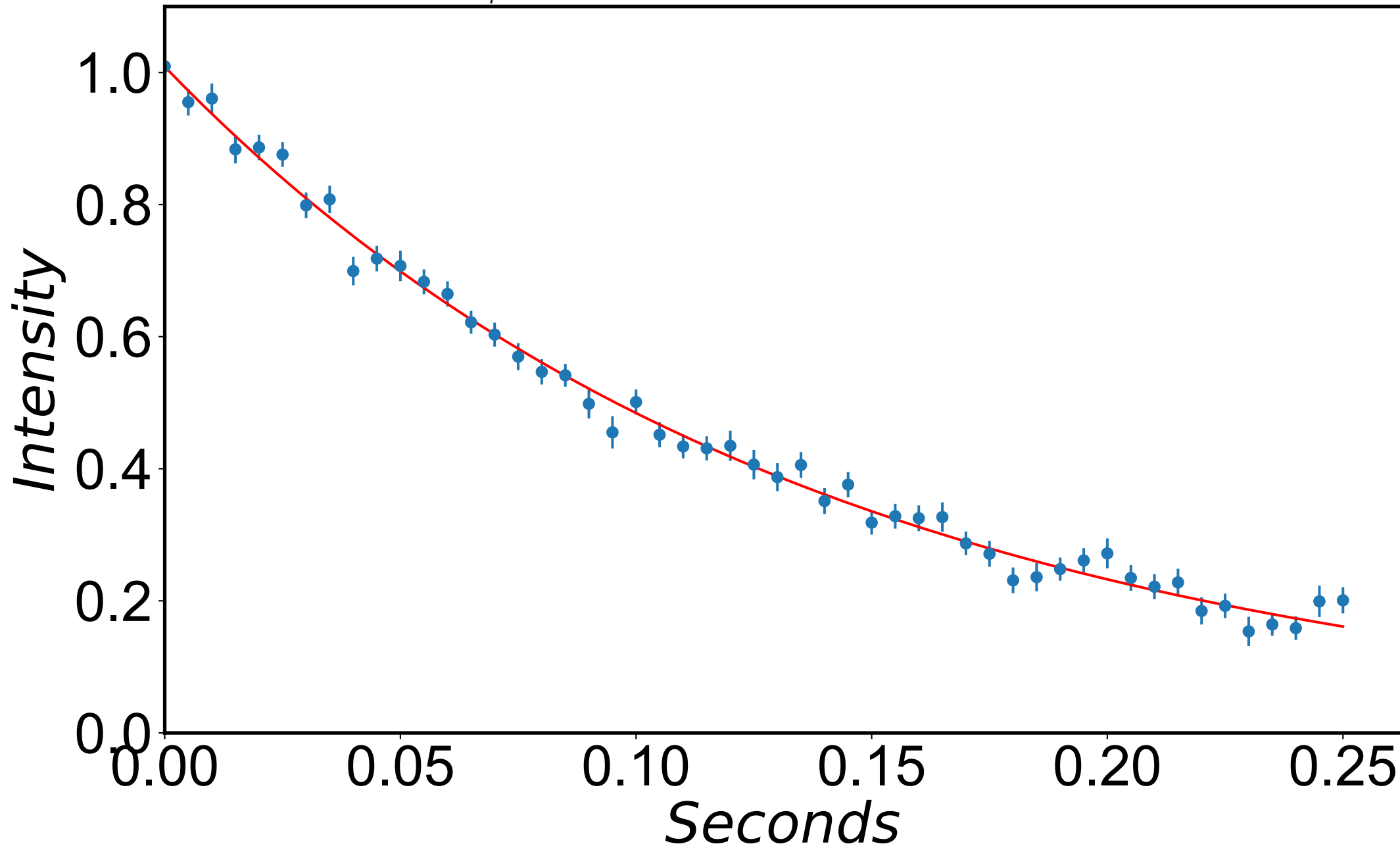
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 407 \text{ Hz}$$



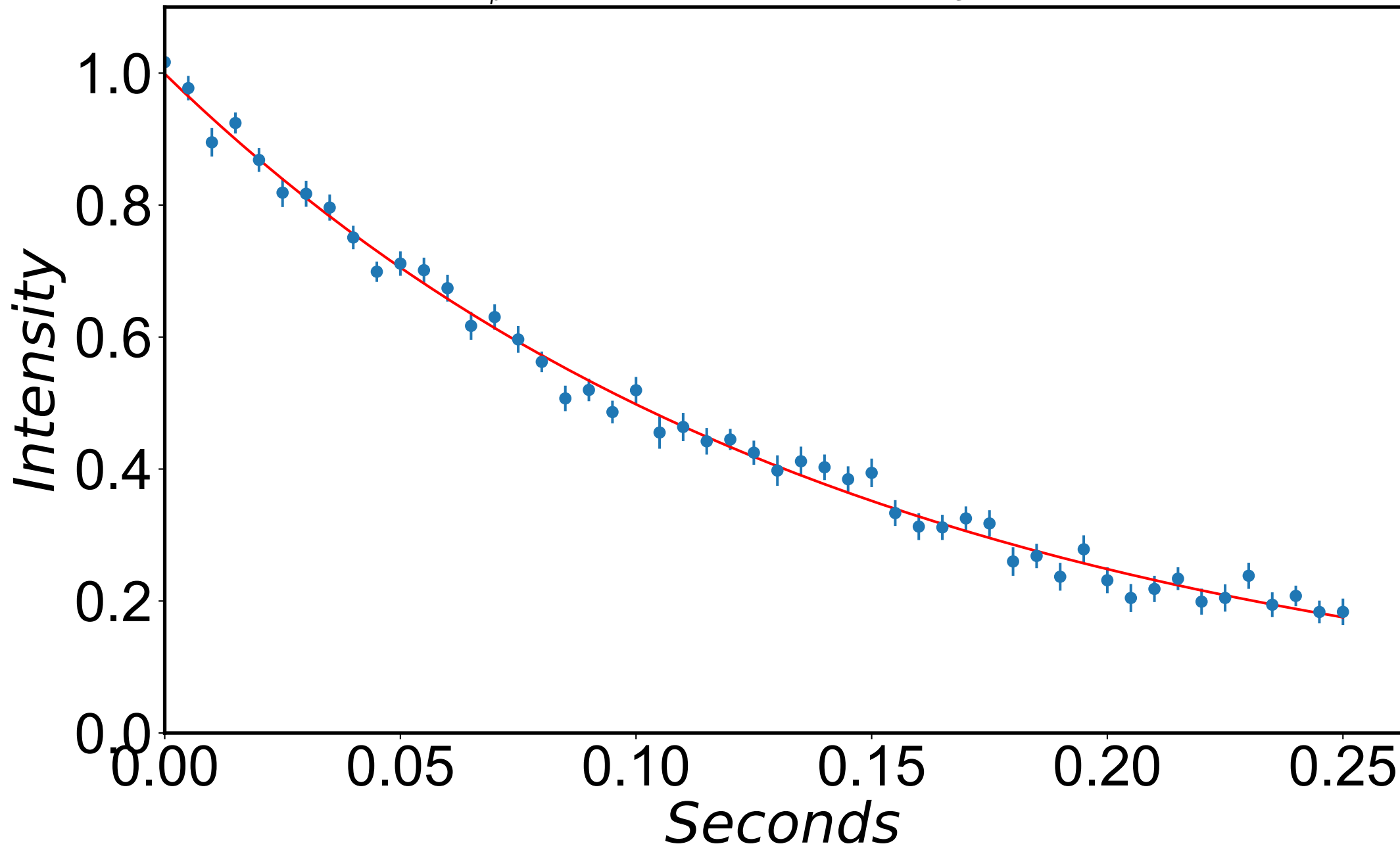
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 417 \text{ Hz}$$



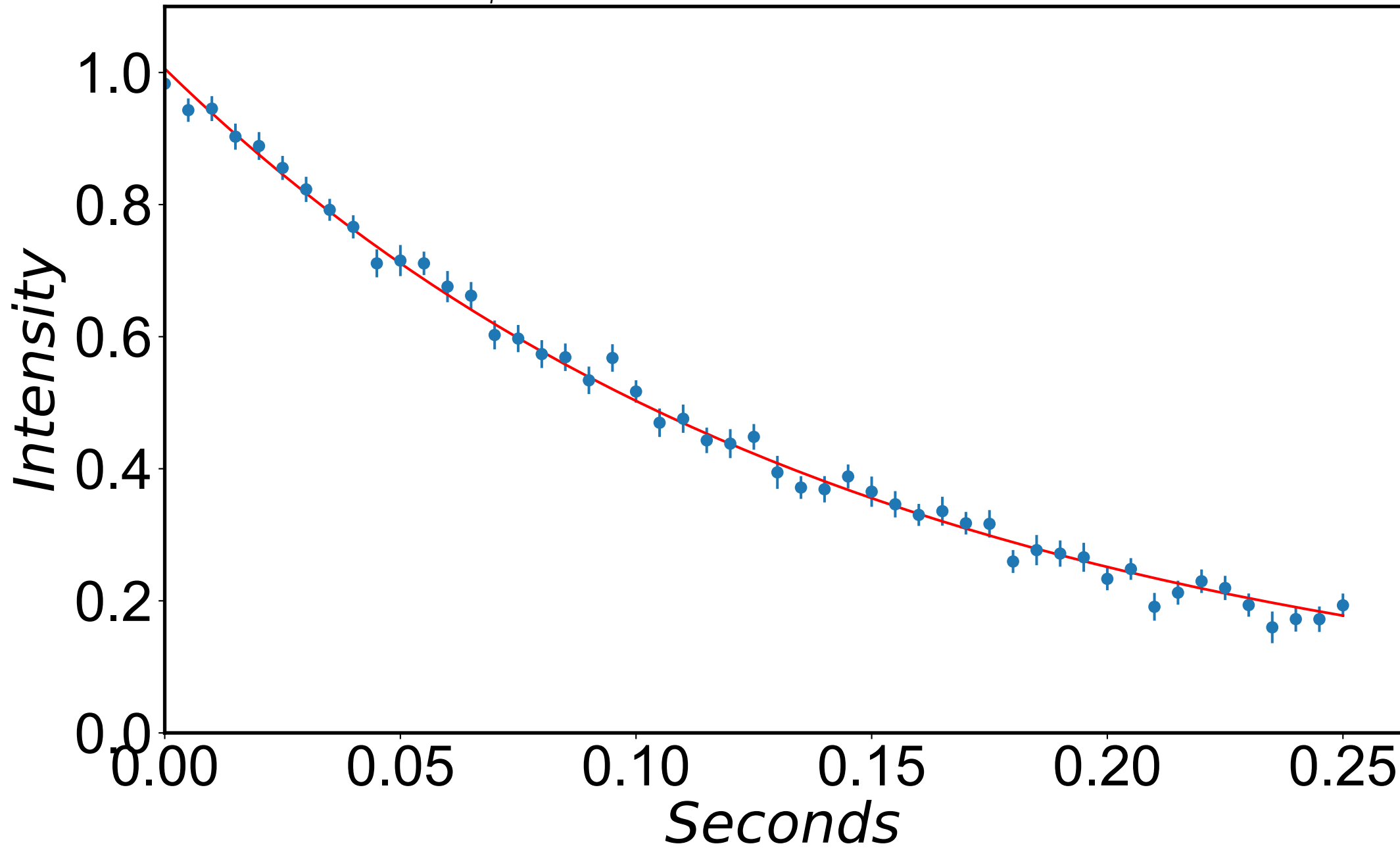
$$R_{1\rho} = 7.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 427 \text{ Hz}$$



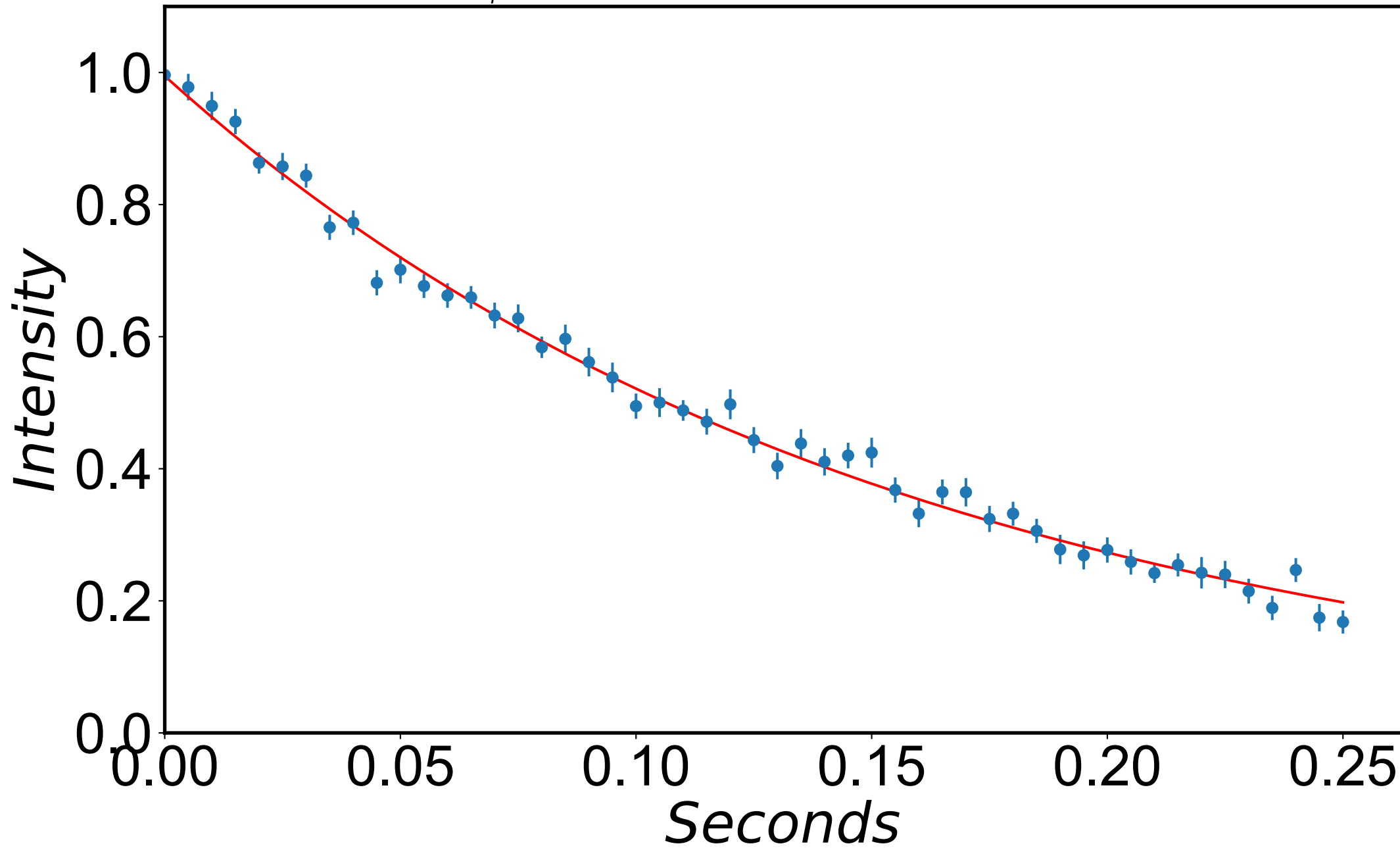
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 437 \text{ Hz}$$



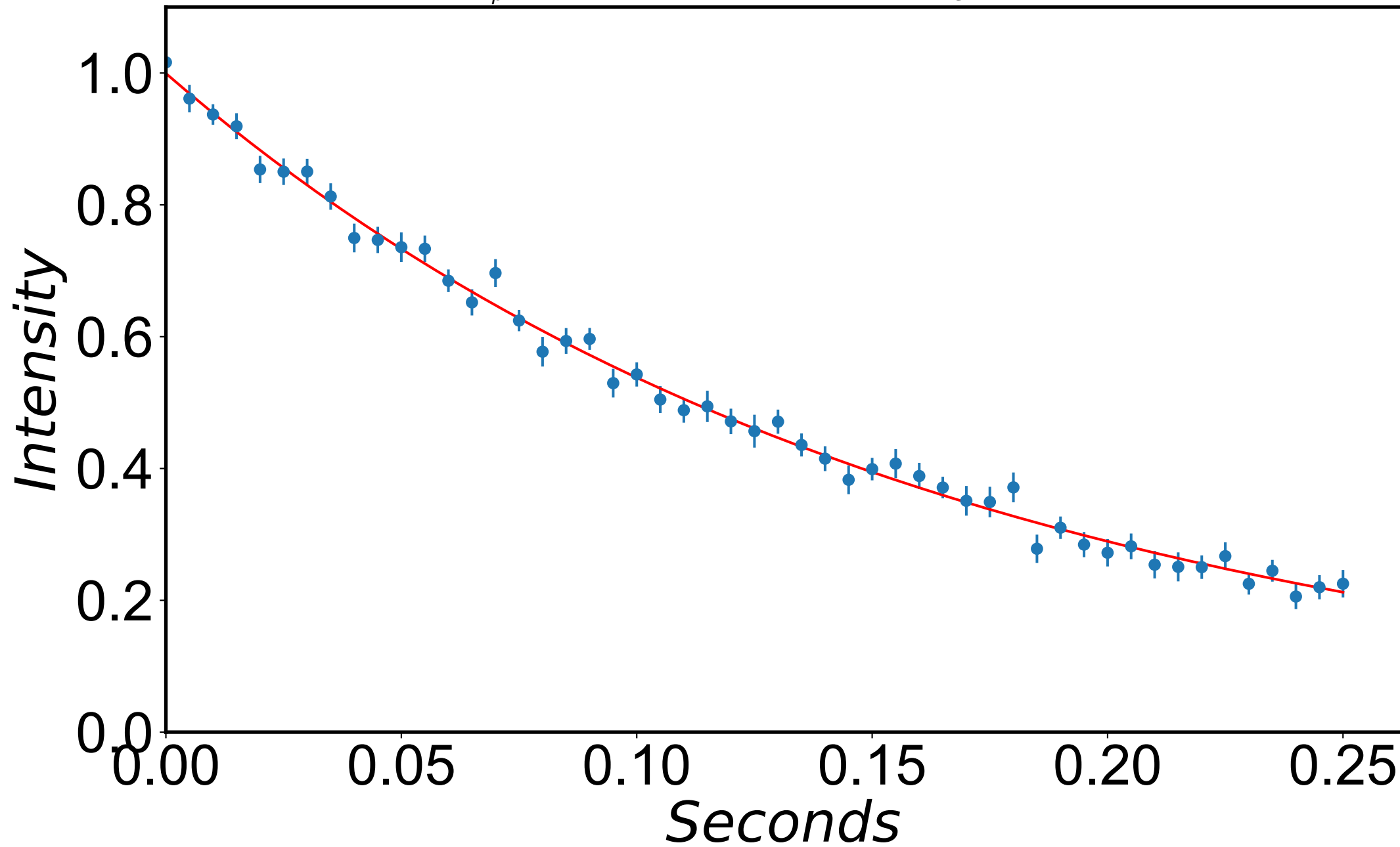
$$R_{1\rho} = 6.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 447 \text{ Hz}$$



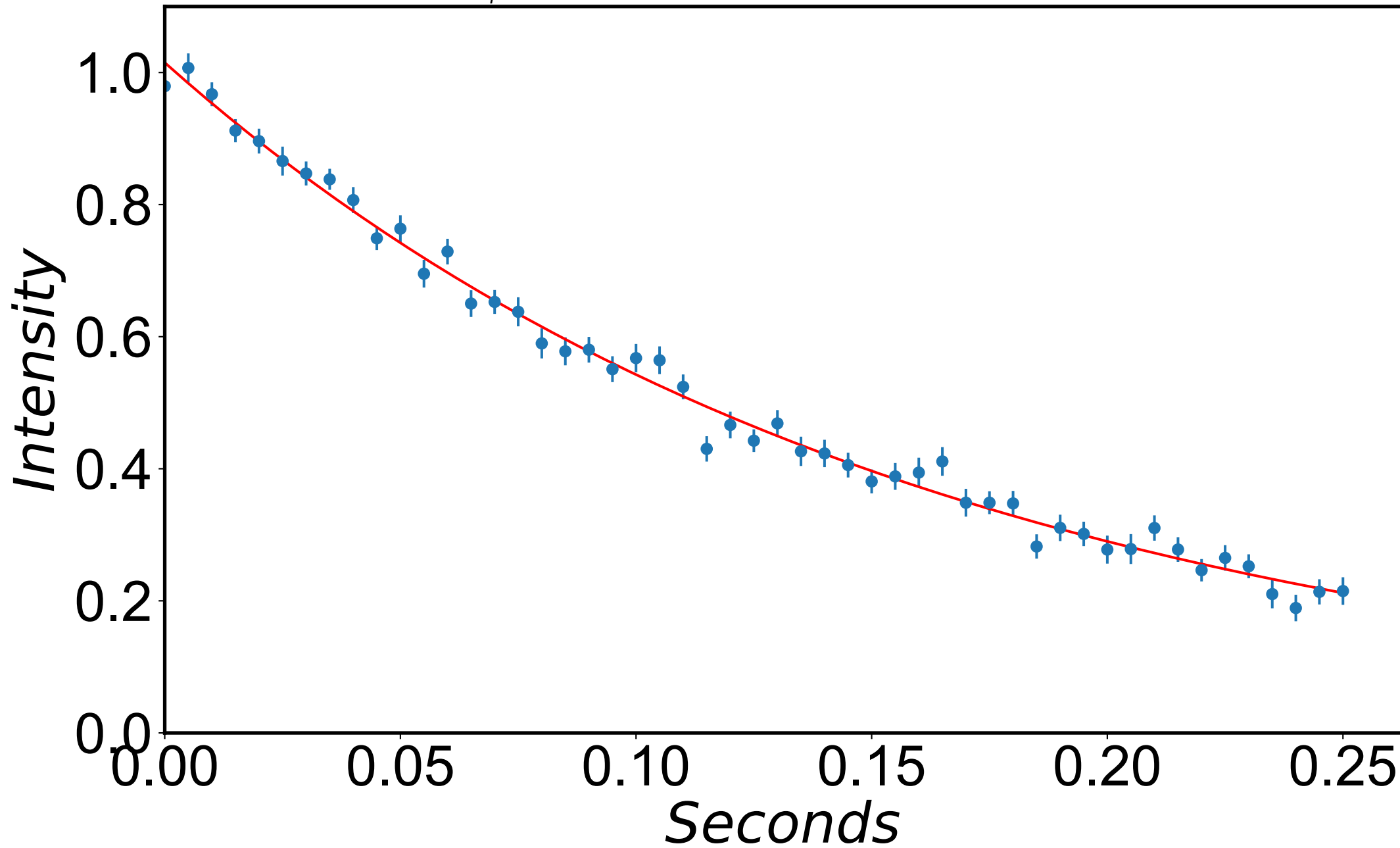
$$R_{1\rho} = 6.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 457 \text{ Hz}$$



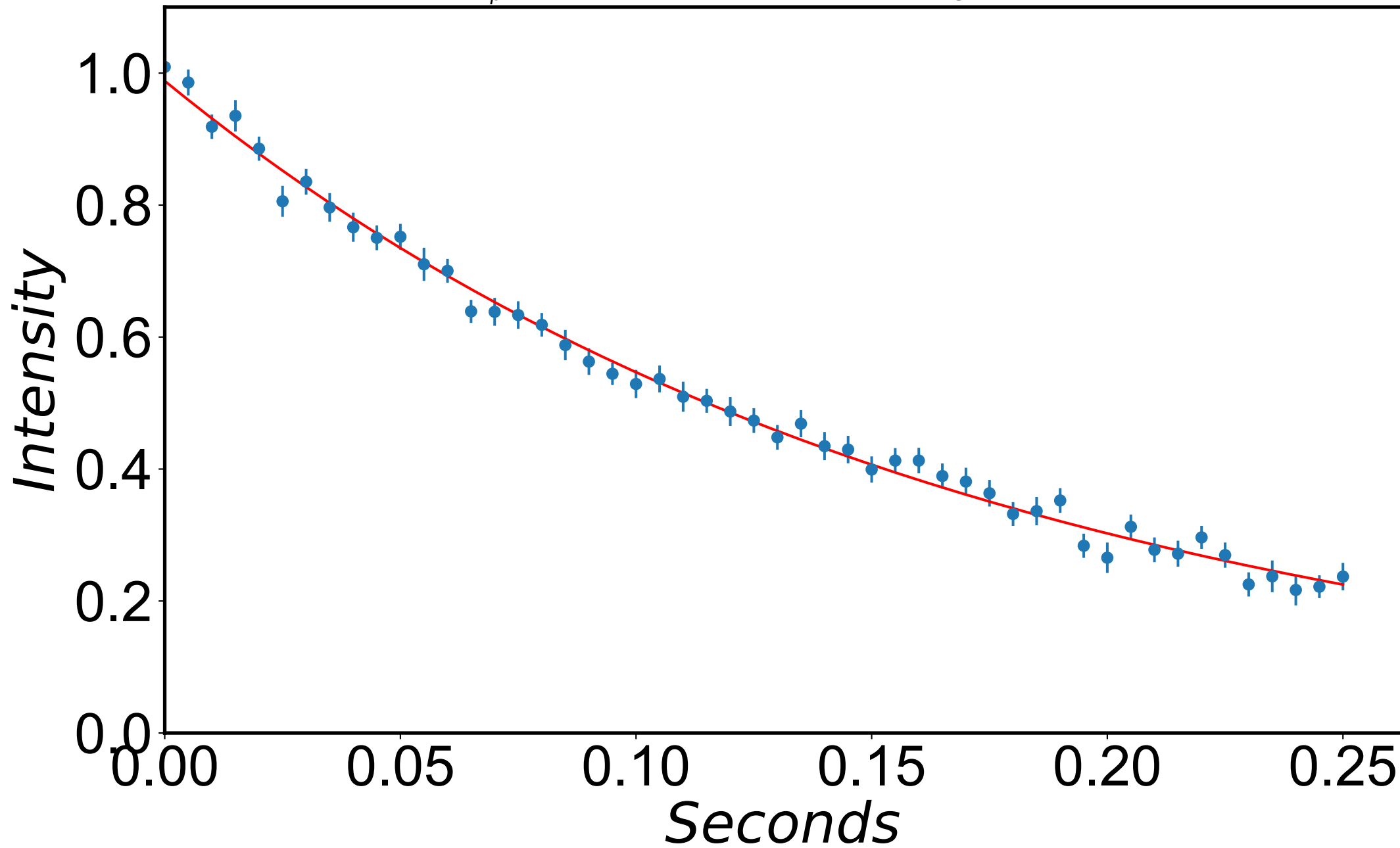
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 467 \text{ Hz}$$



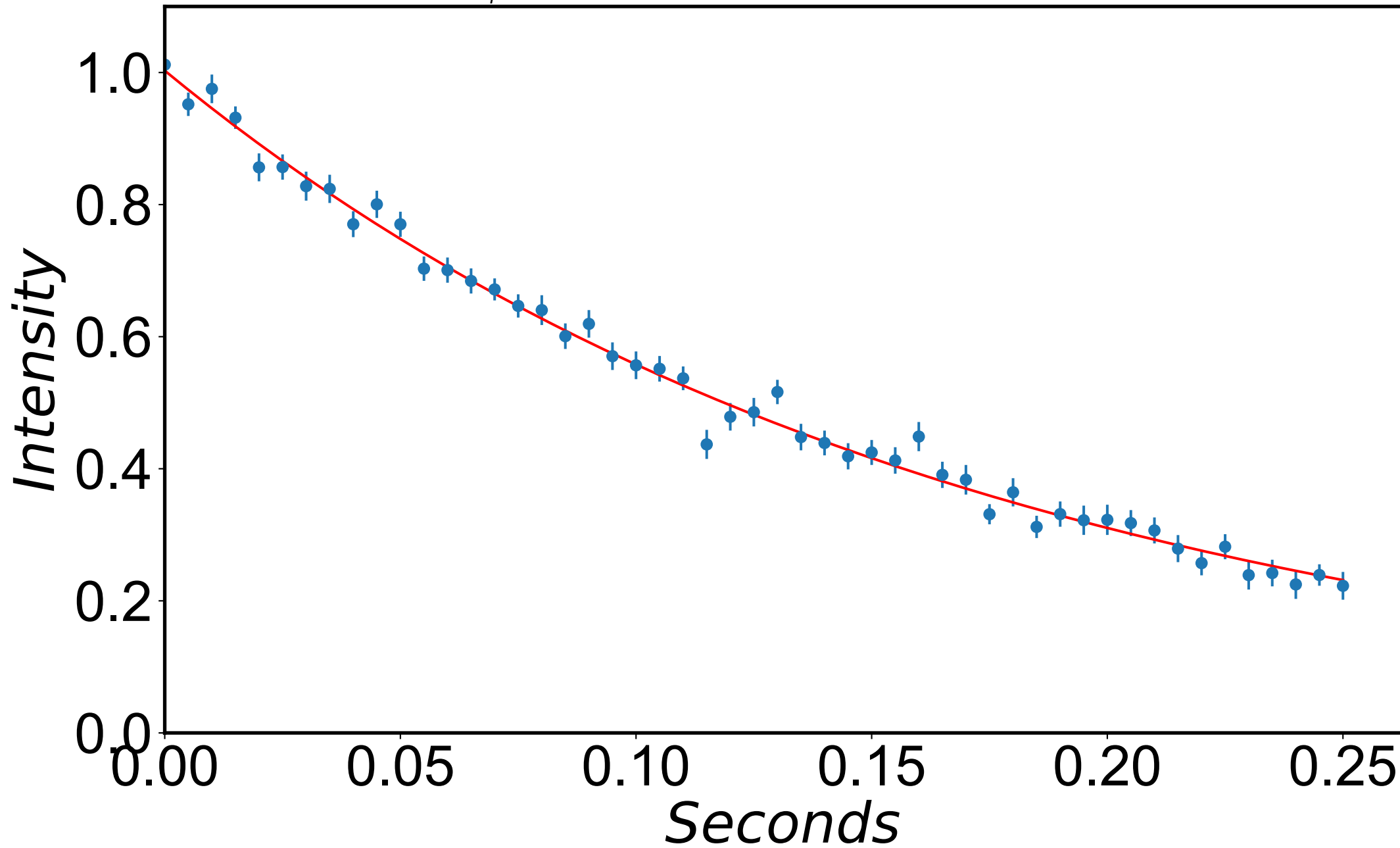
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 477 \text{ Hz}$$



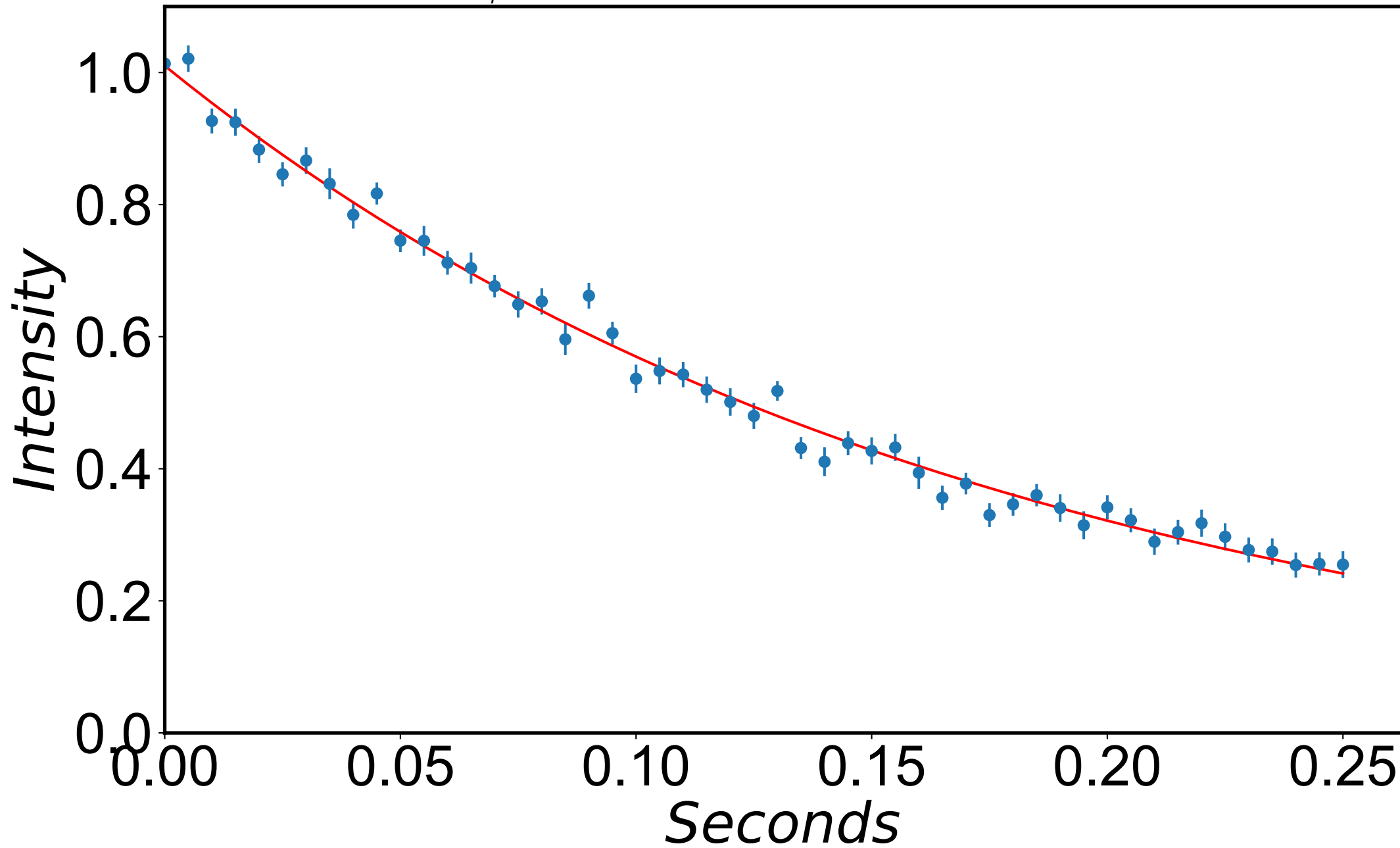
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 487 \text{ Hz}$$



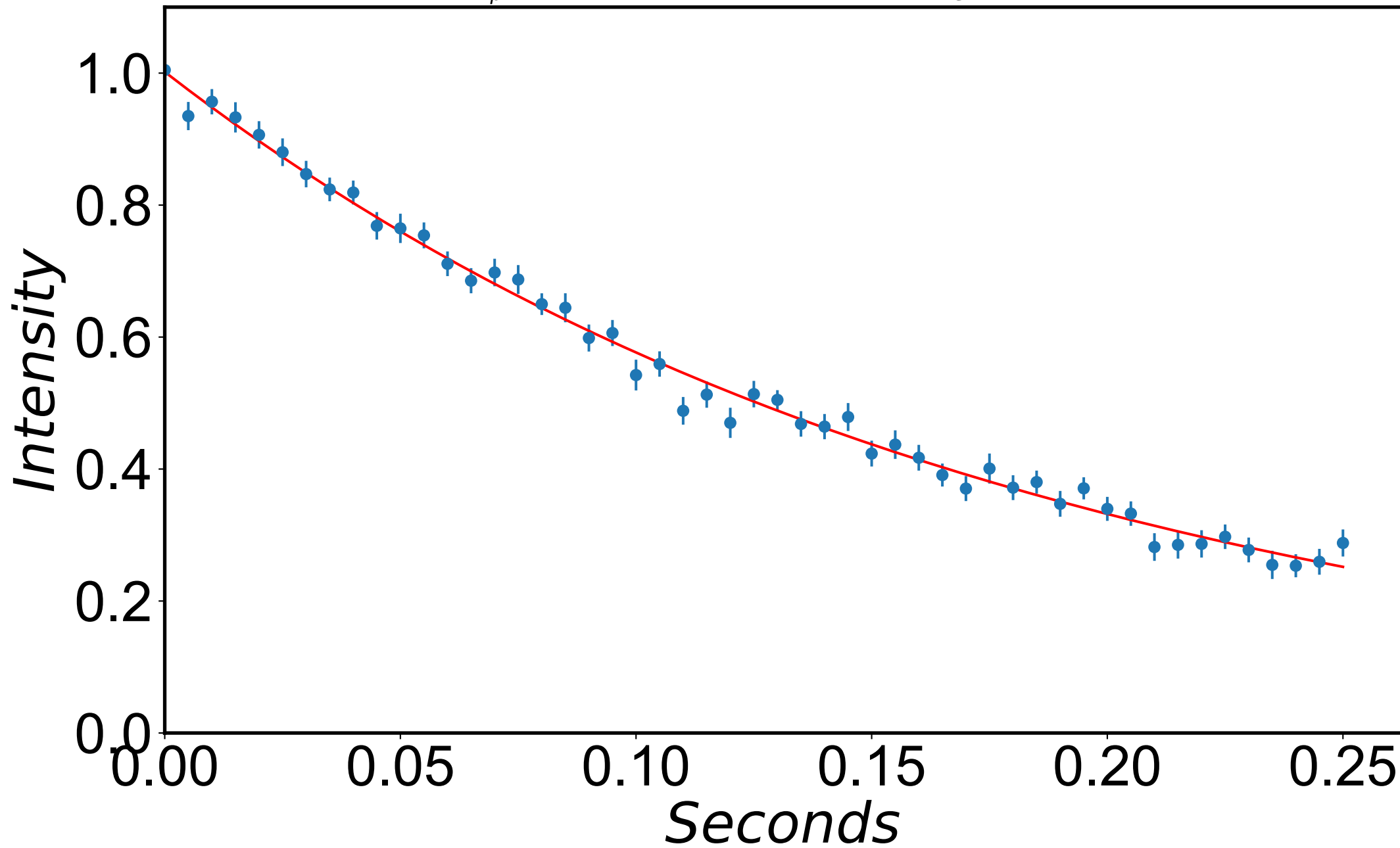
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 497 \text{ Hz}$$



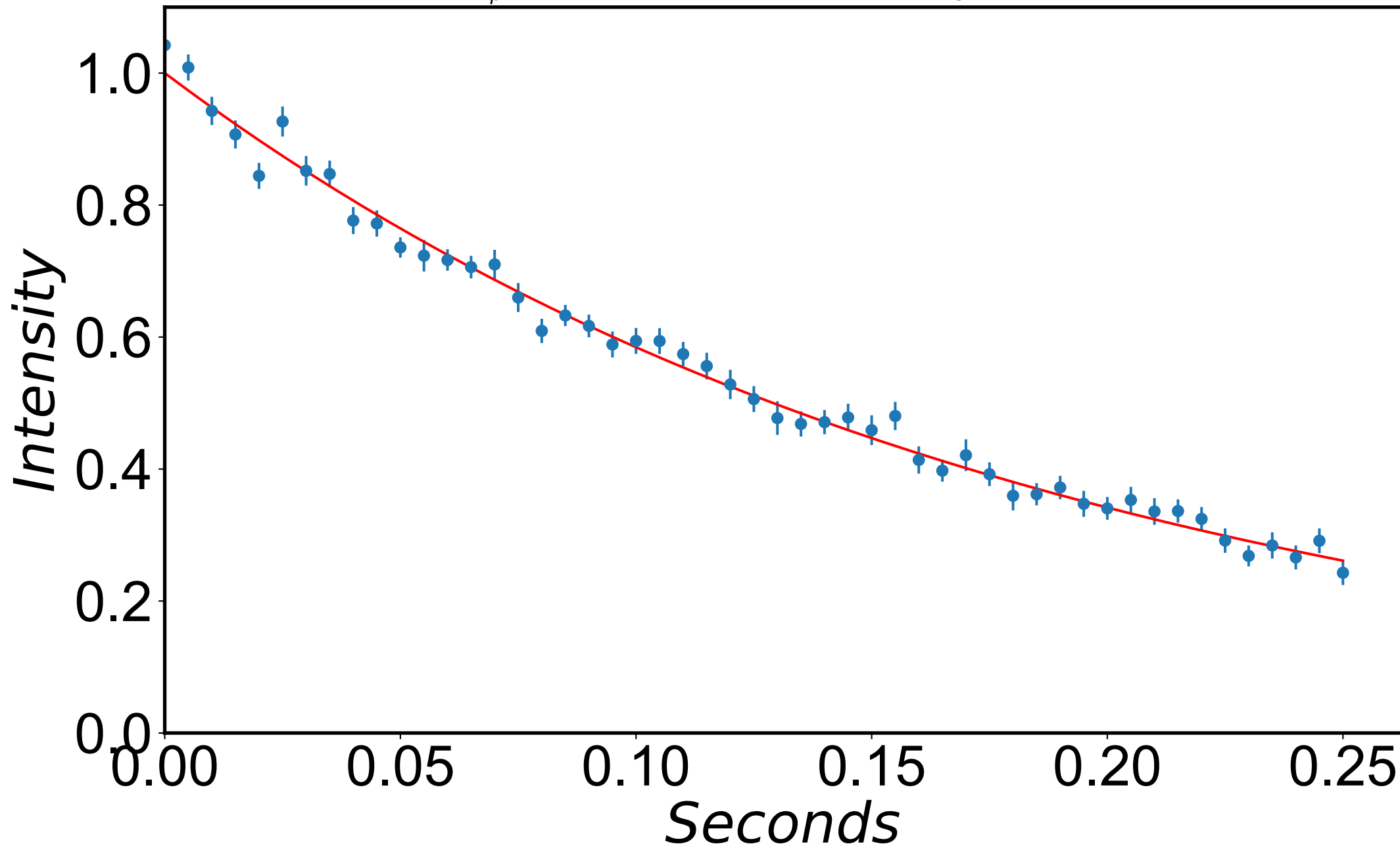
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 508 \text{ Hz}$$



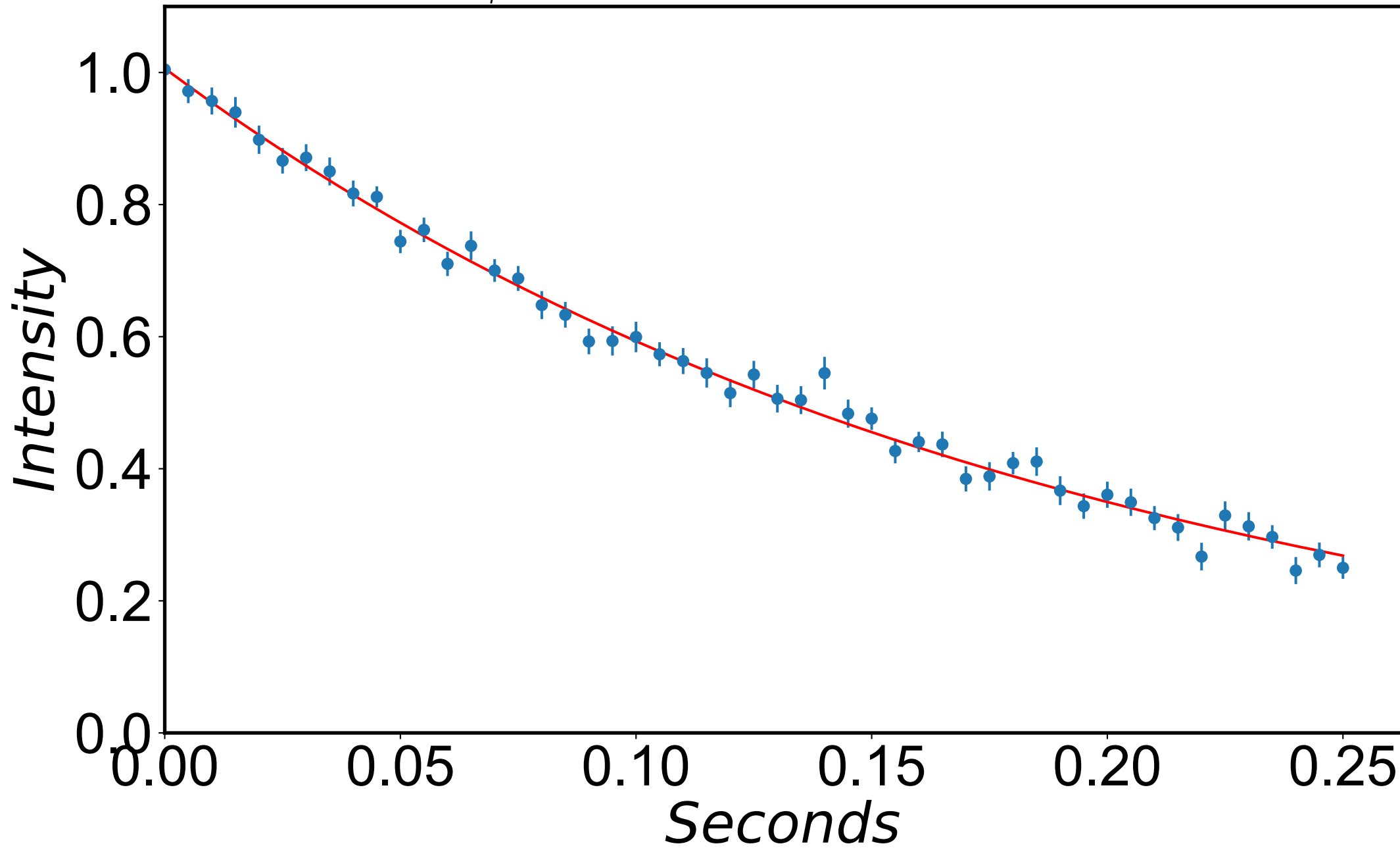
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 518 \text{ Hz}$$



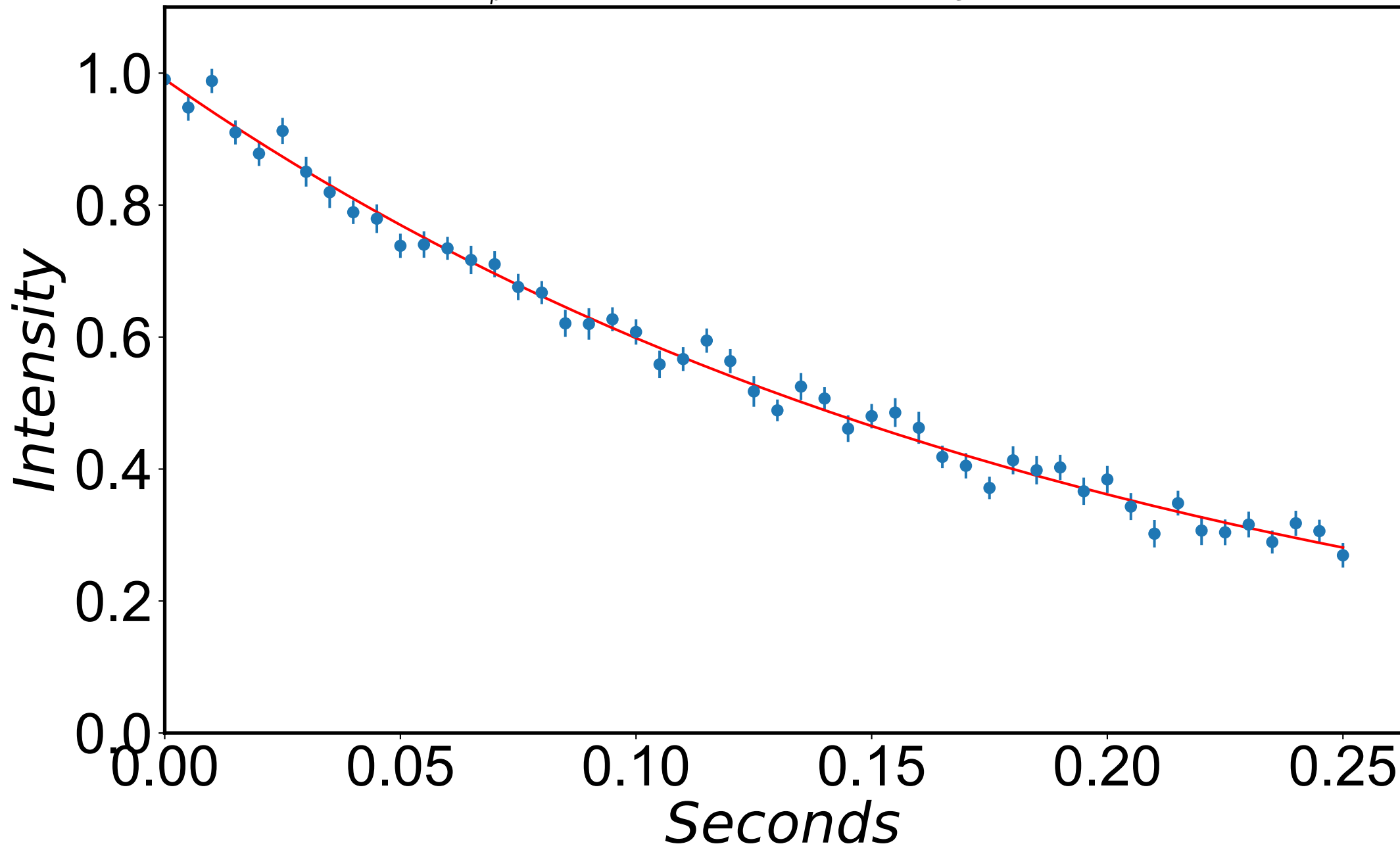
$$R_{1\rho} = 5.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 528 \text{ Hz}$$



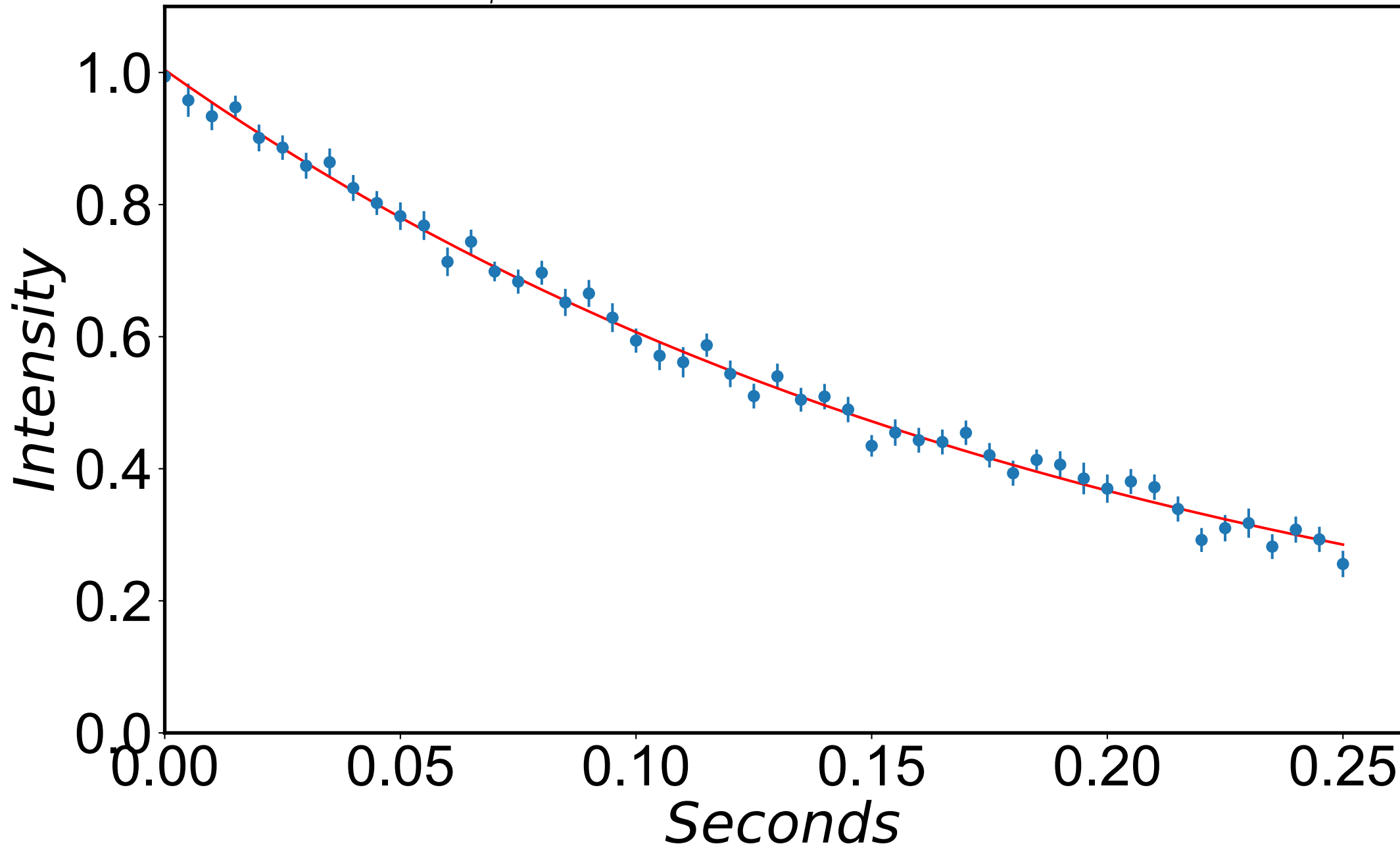
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 538 \text{ Hz}$$



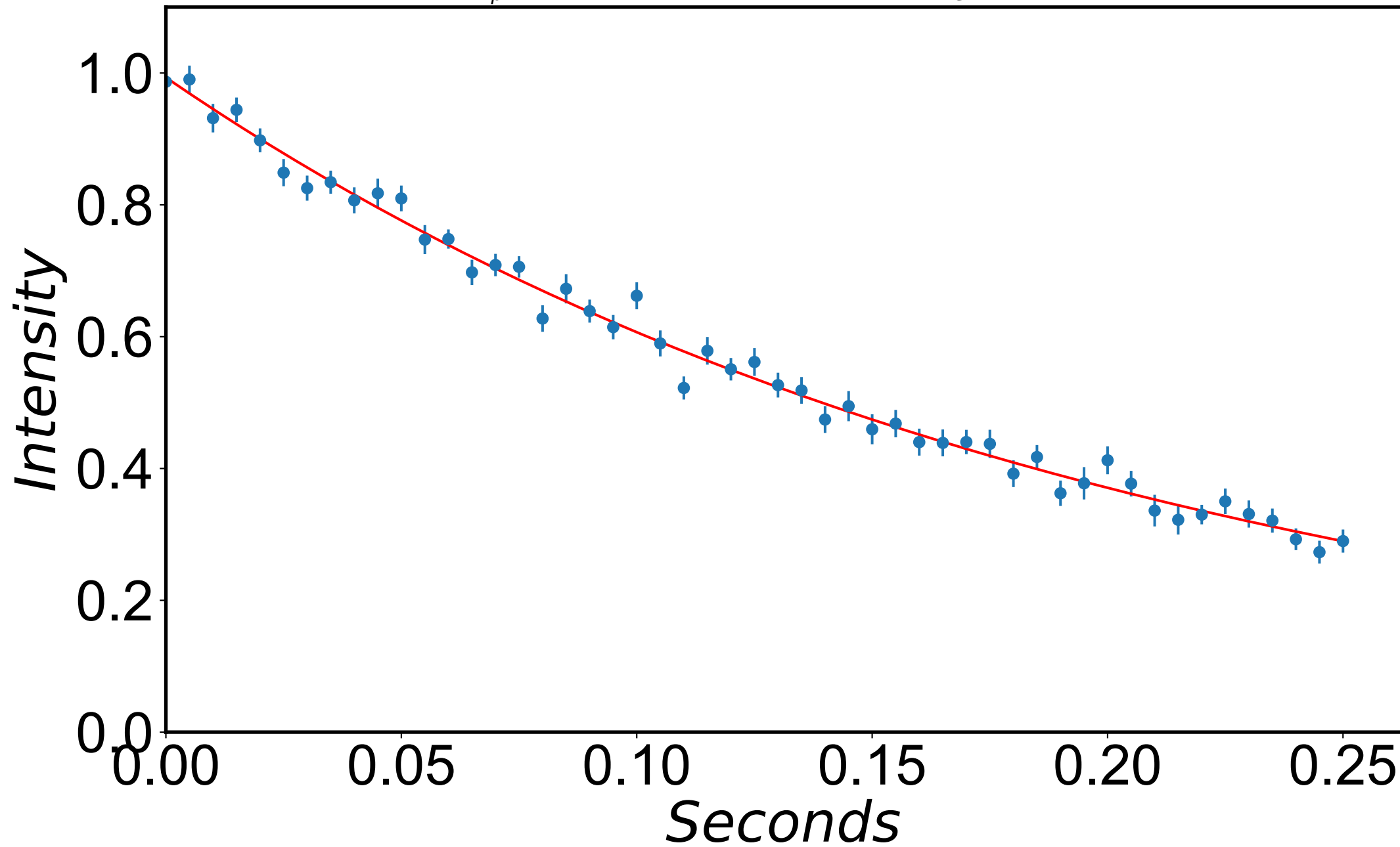
$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 548 \text{ Hz}$$



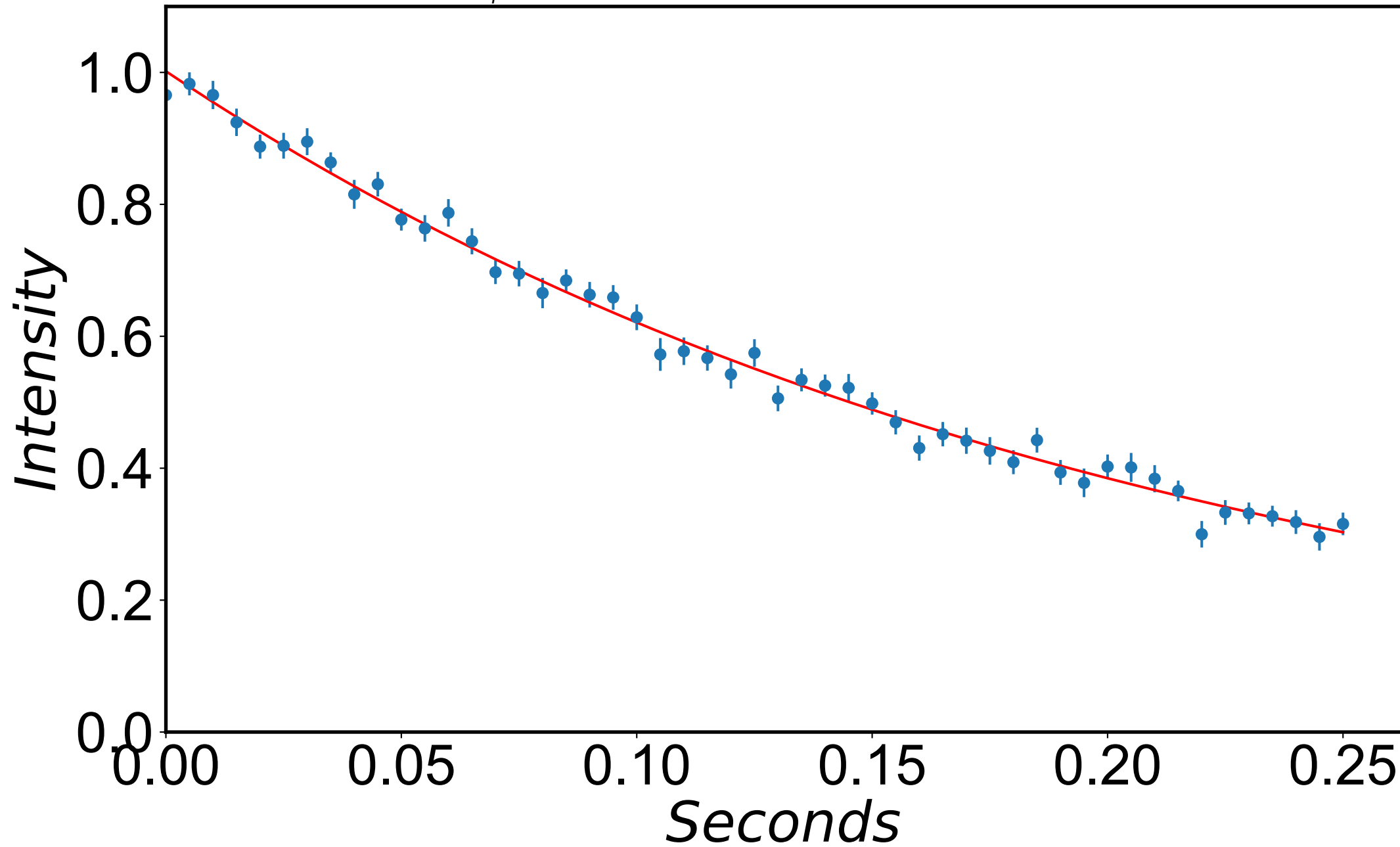
$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 558 \text{ Hz}$$



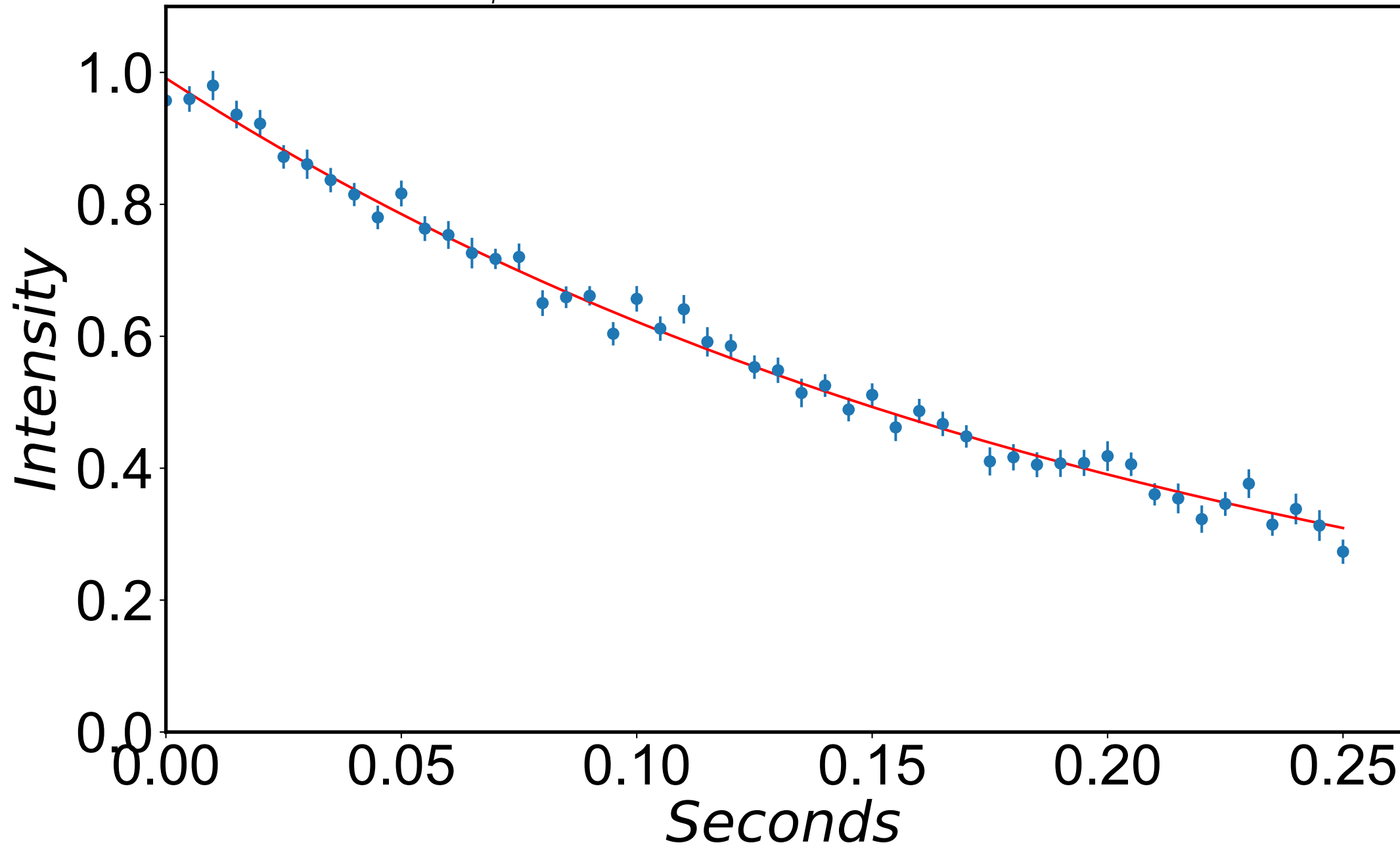
$$R_{1\rho} = 4.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 568 \text{ Hz}$$



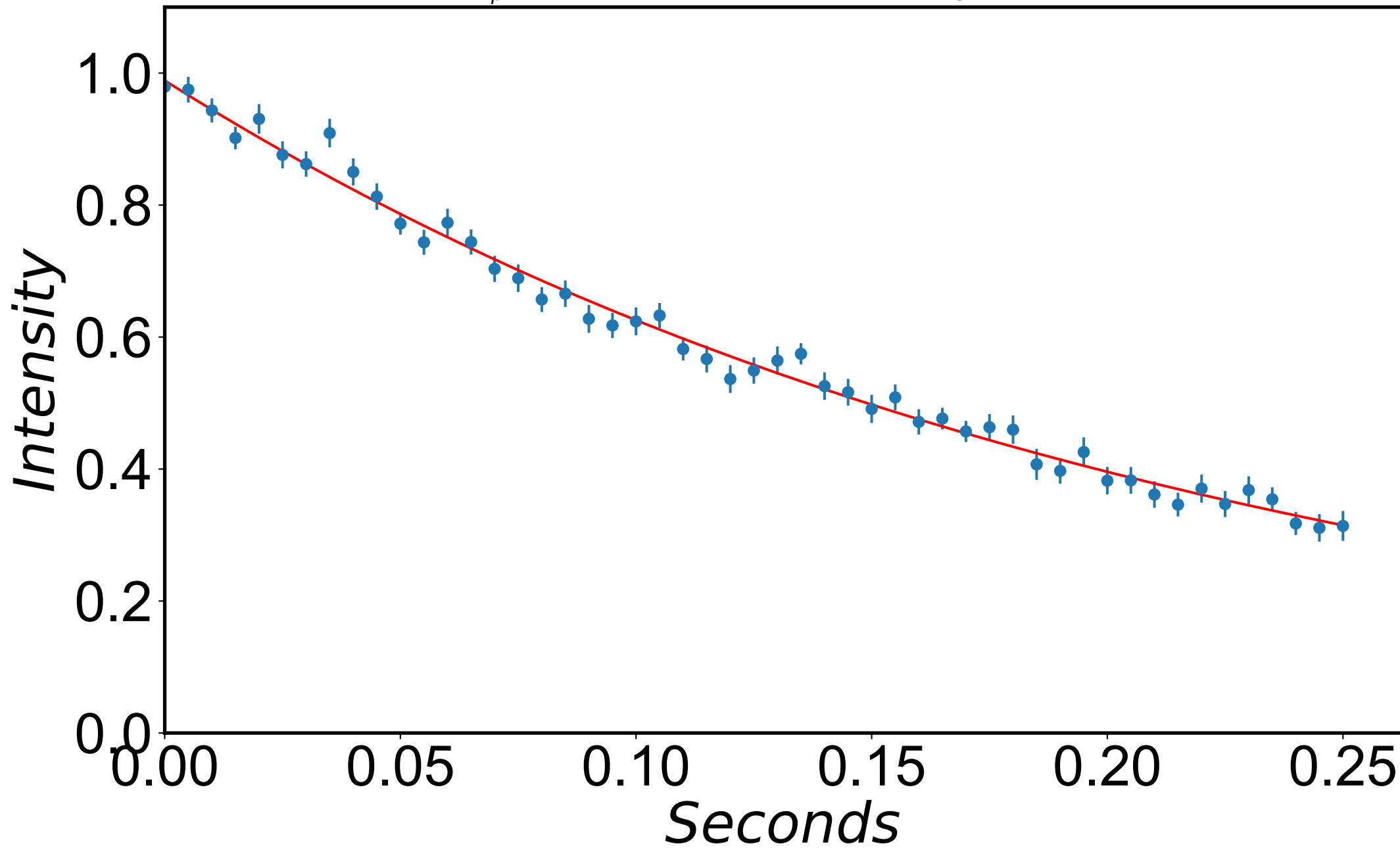
$$R_{1\rho} = 4.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 578 \text{ Hz}$$



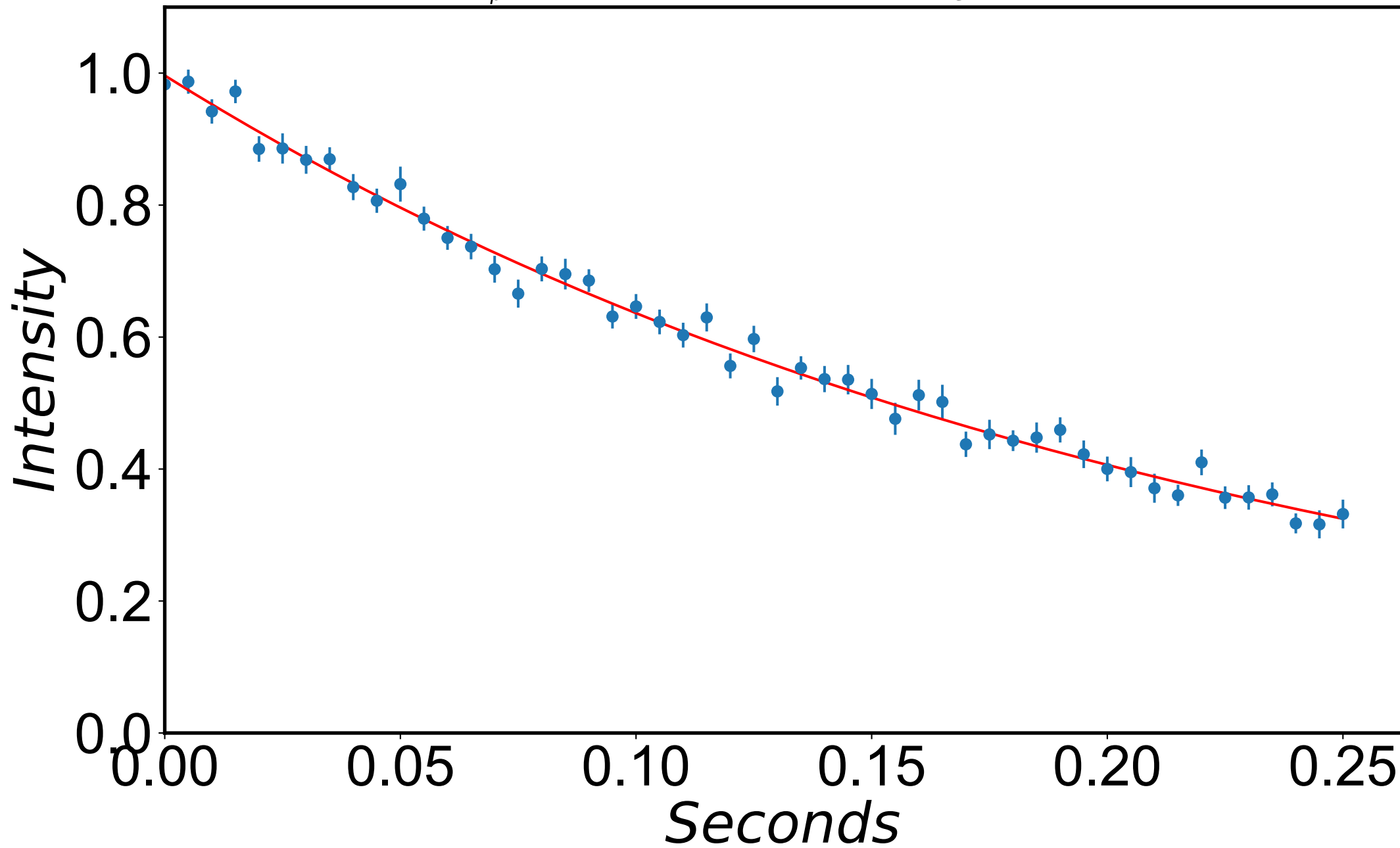
$$R_{1\rho} = 4.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 588 \text{ Hz}$$



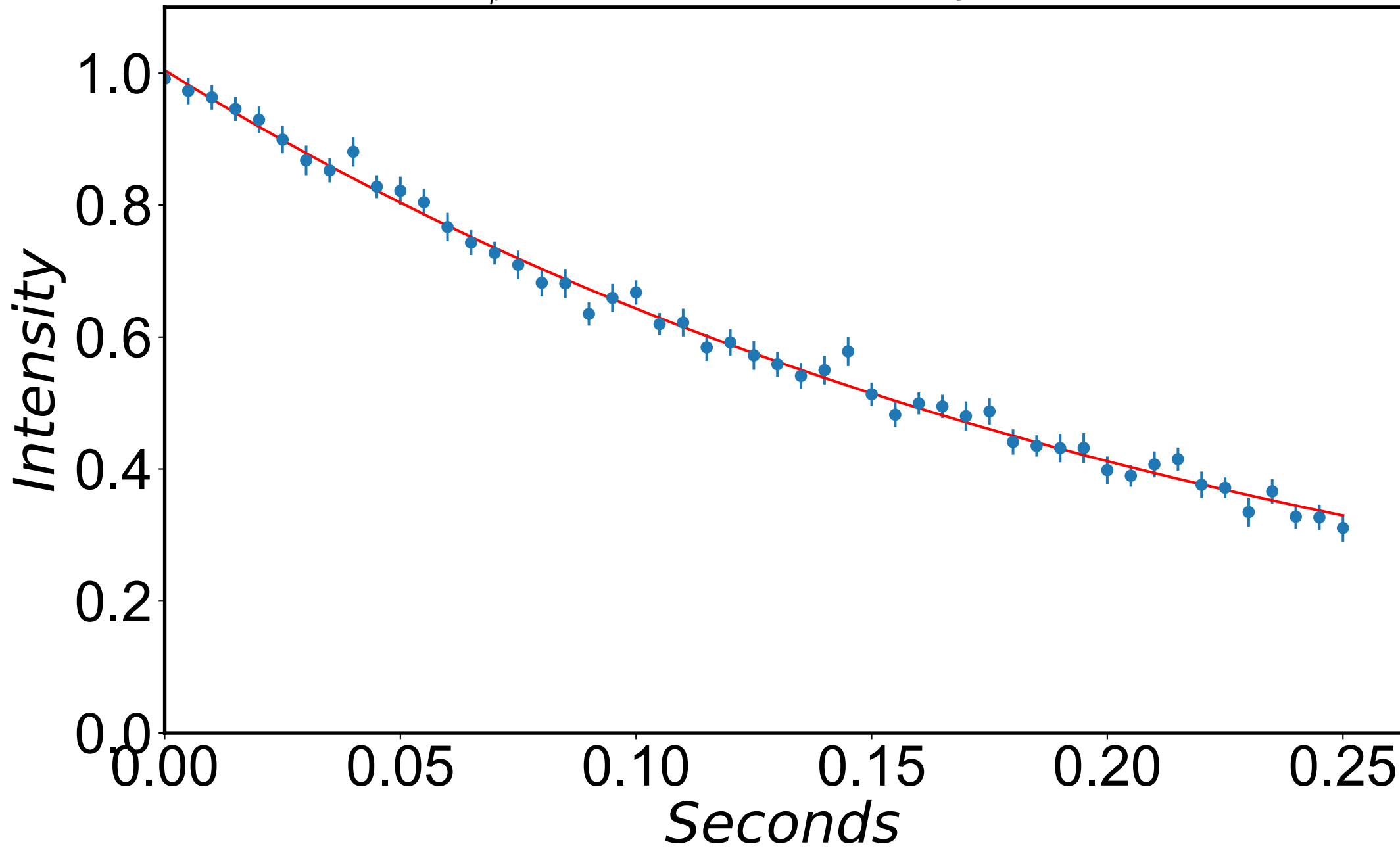
$$R_{1\rho} = 4.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 598 \text{ Hz}$$



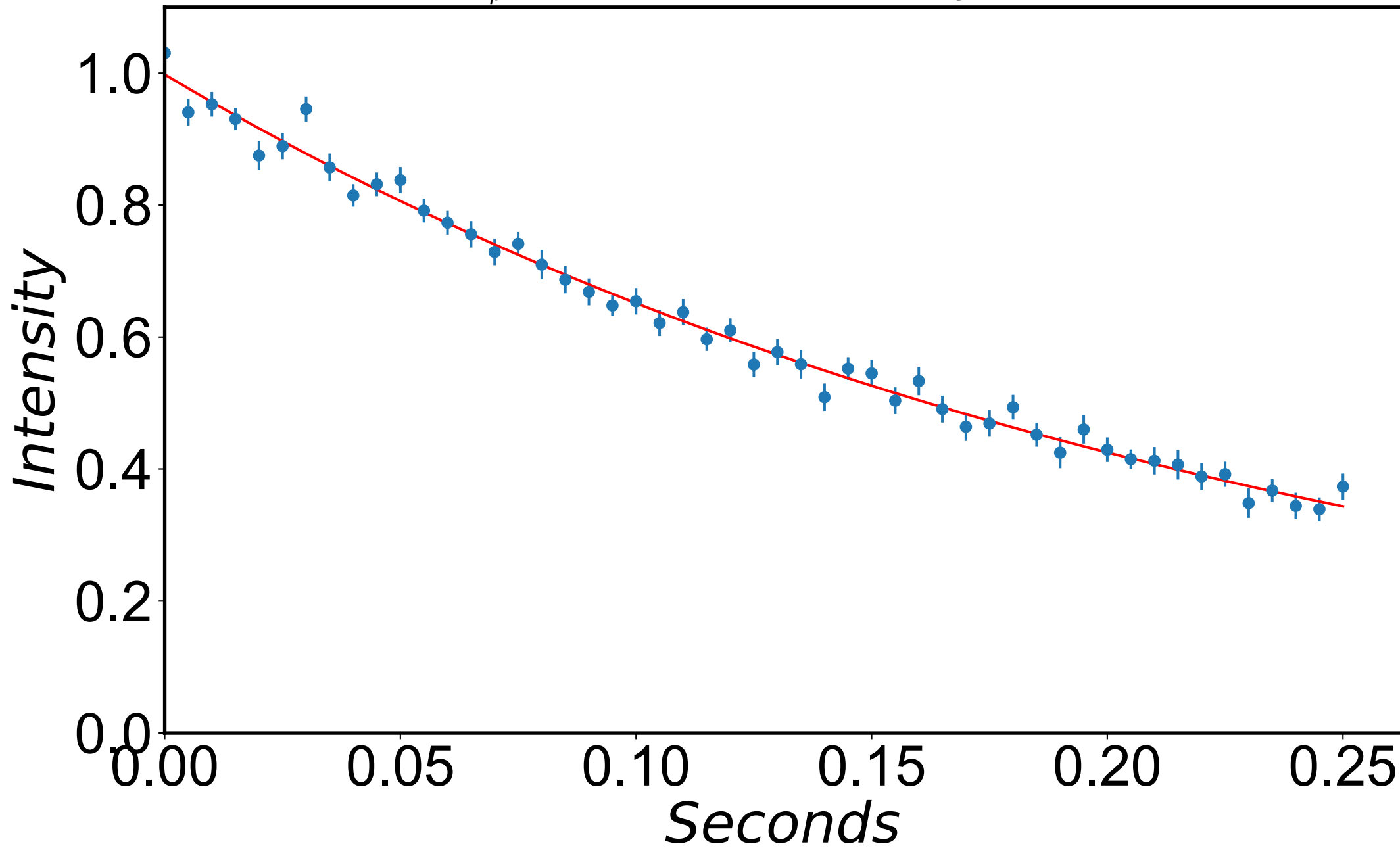
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 608 \text{ Hz}$$



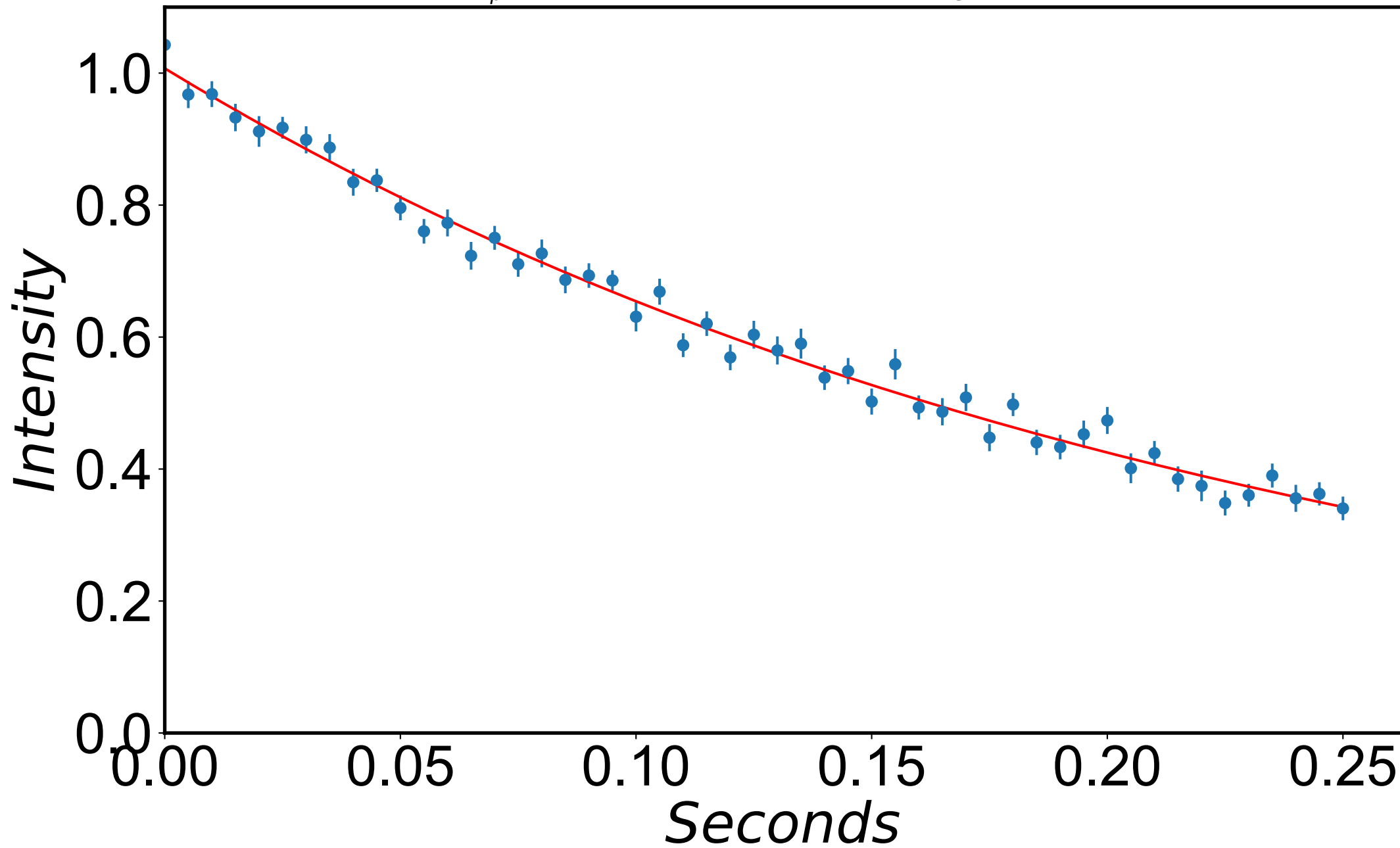
$$R_{1\rho} = 4.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 618 \text{ Hz}$$



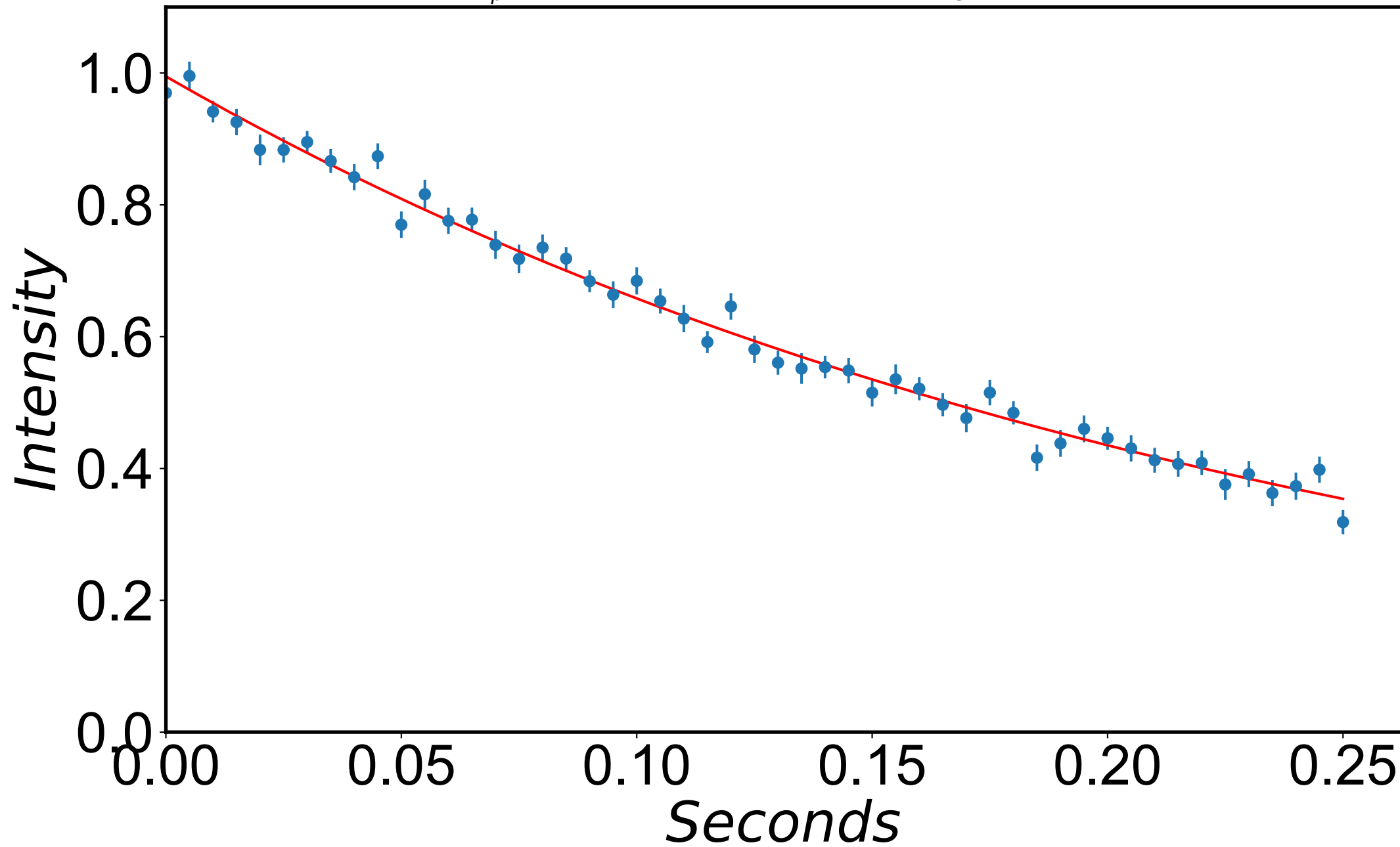
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 628 \text{ Hz}$$



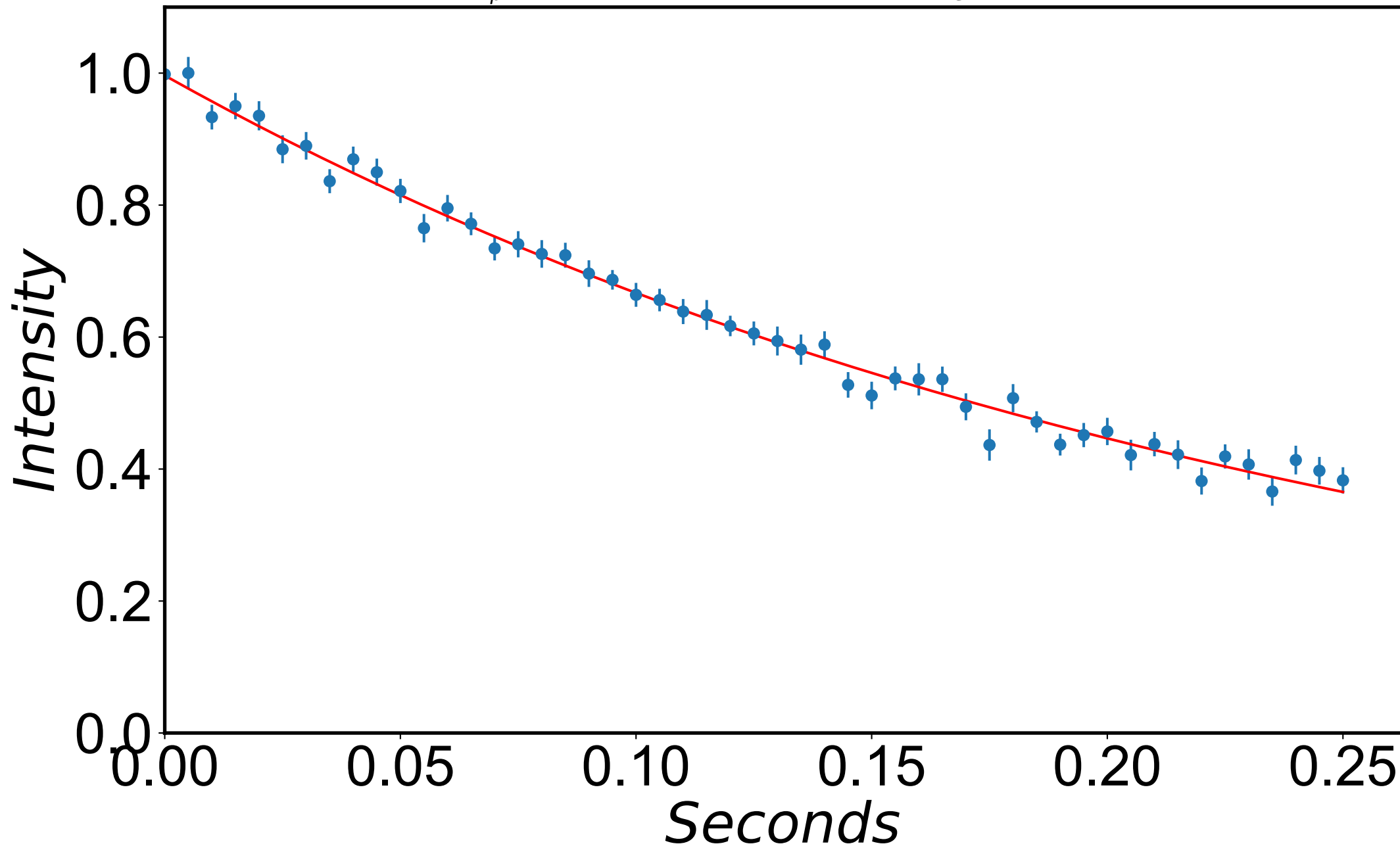
$$R_{1\rho} = 4.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 638 \text{ Hz}$$



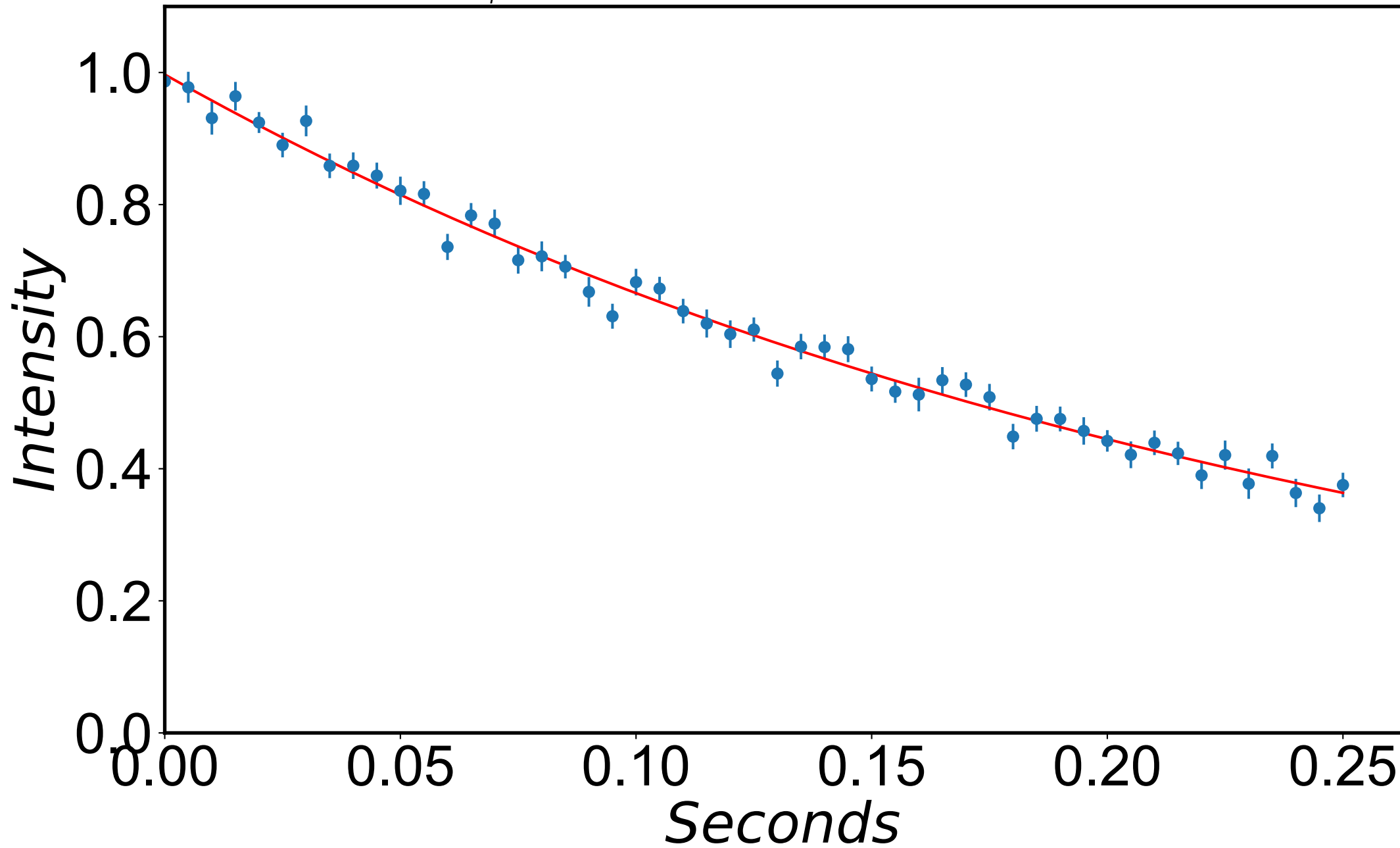
$$R_{1\rho} = 4.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 648 \text{ Hz}$$



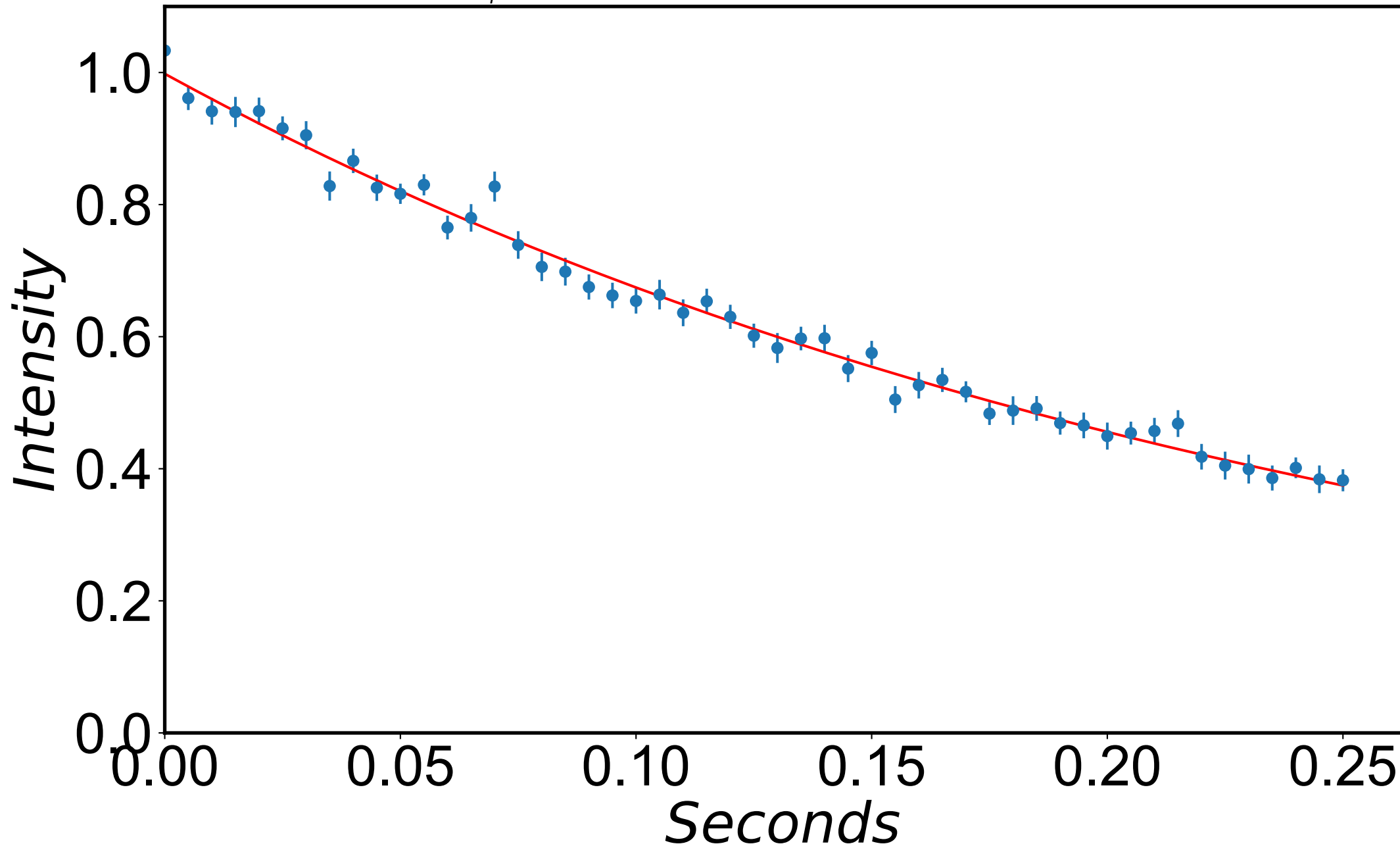
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 658 \text{ Hz}$$



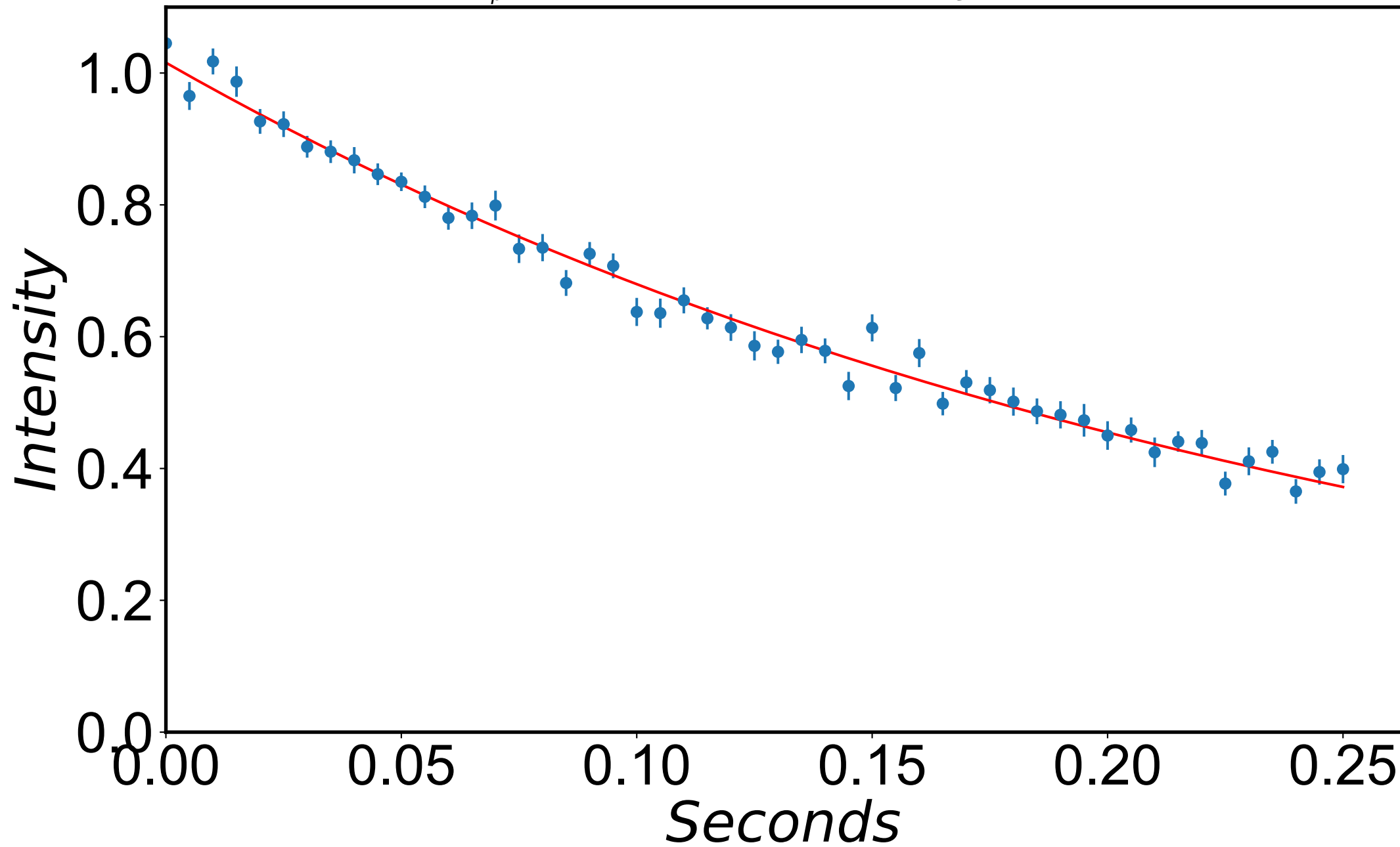
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 668 \text{ Hz}$$



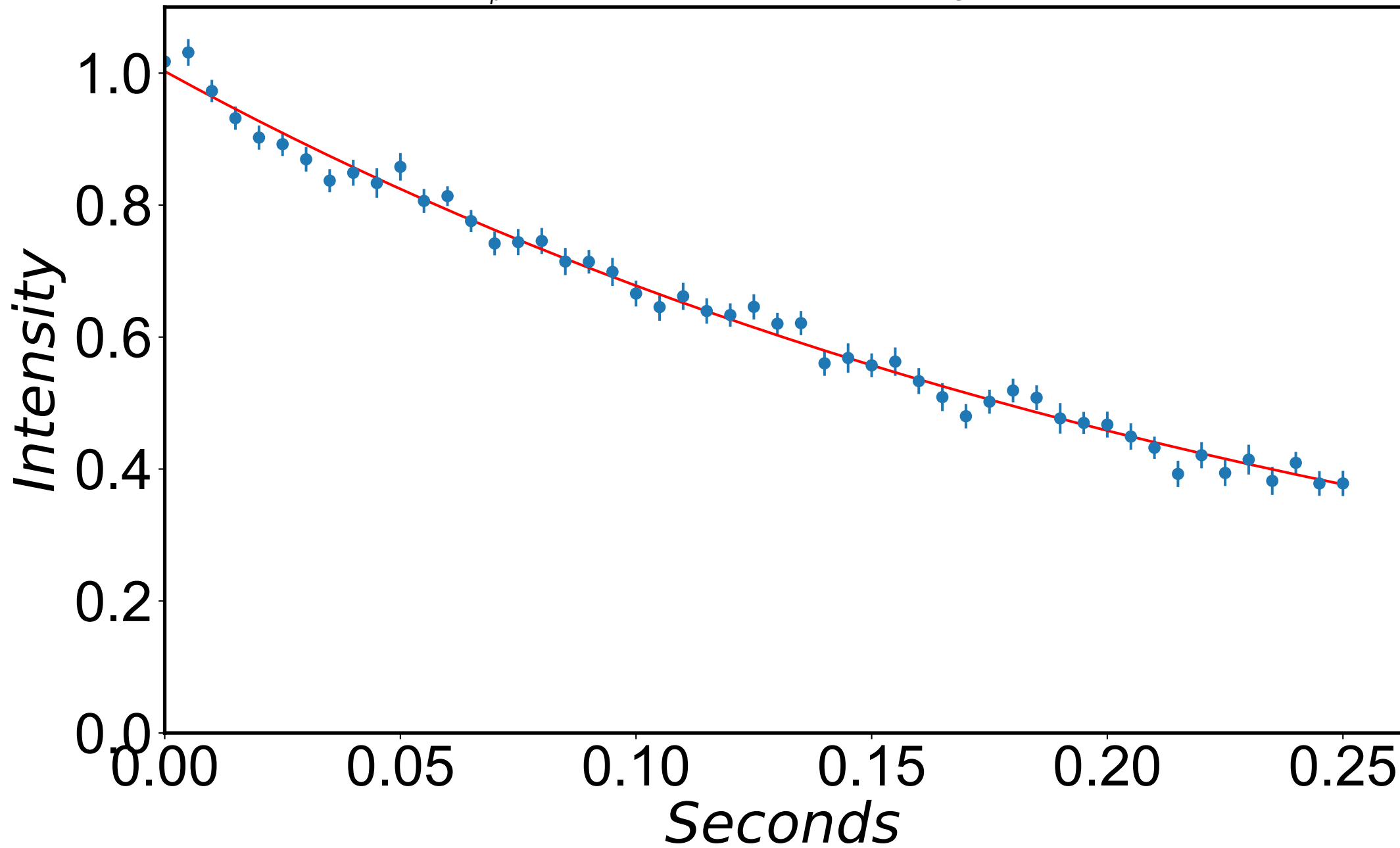
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 678 \text{ Hz}$$



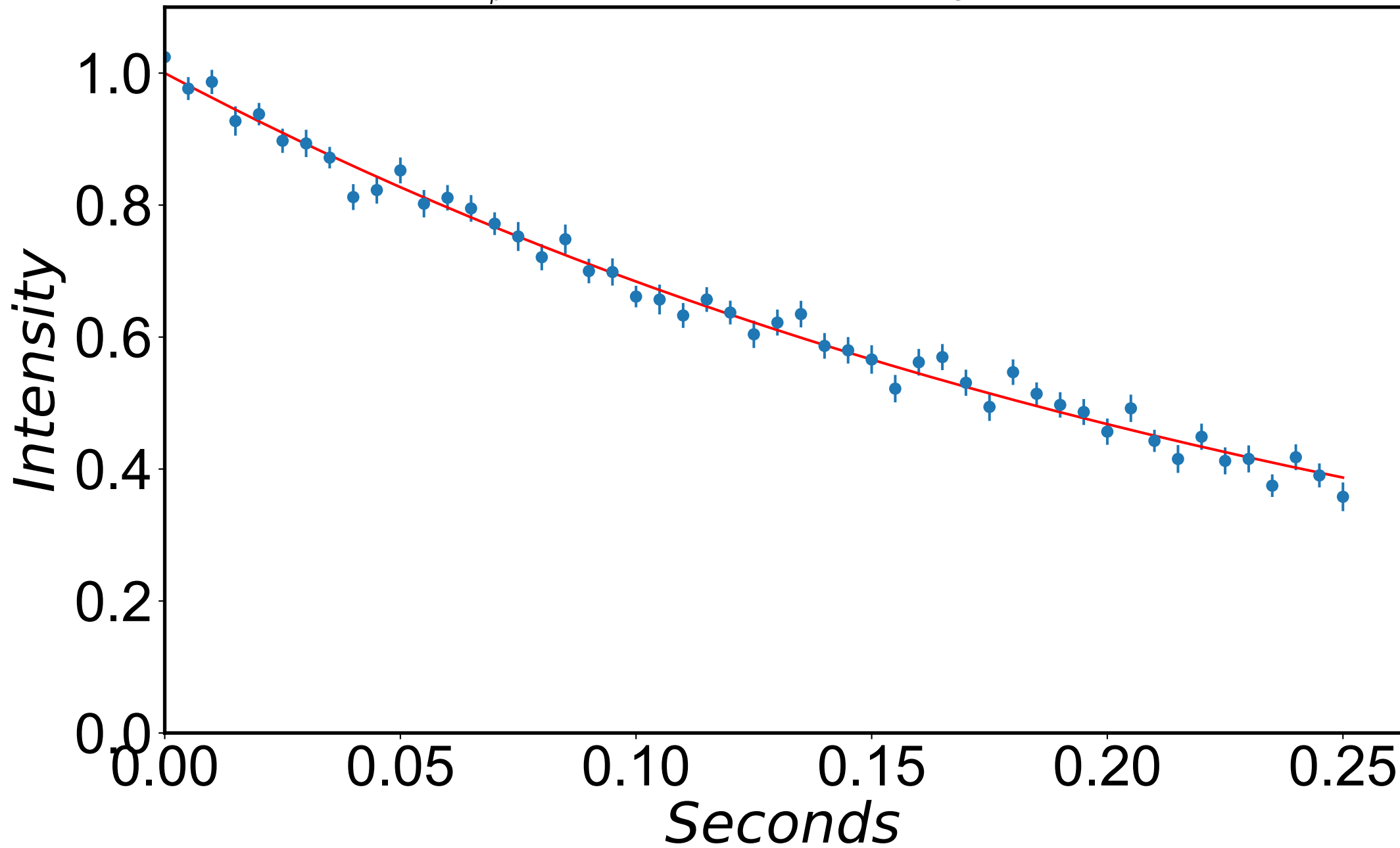
$$R_{1\rho} = 4.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 688 \text{ Hz}$$



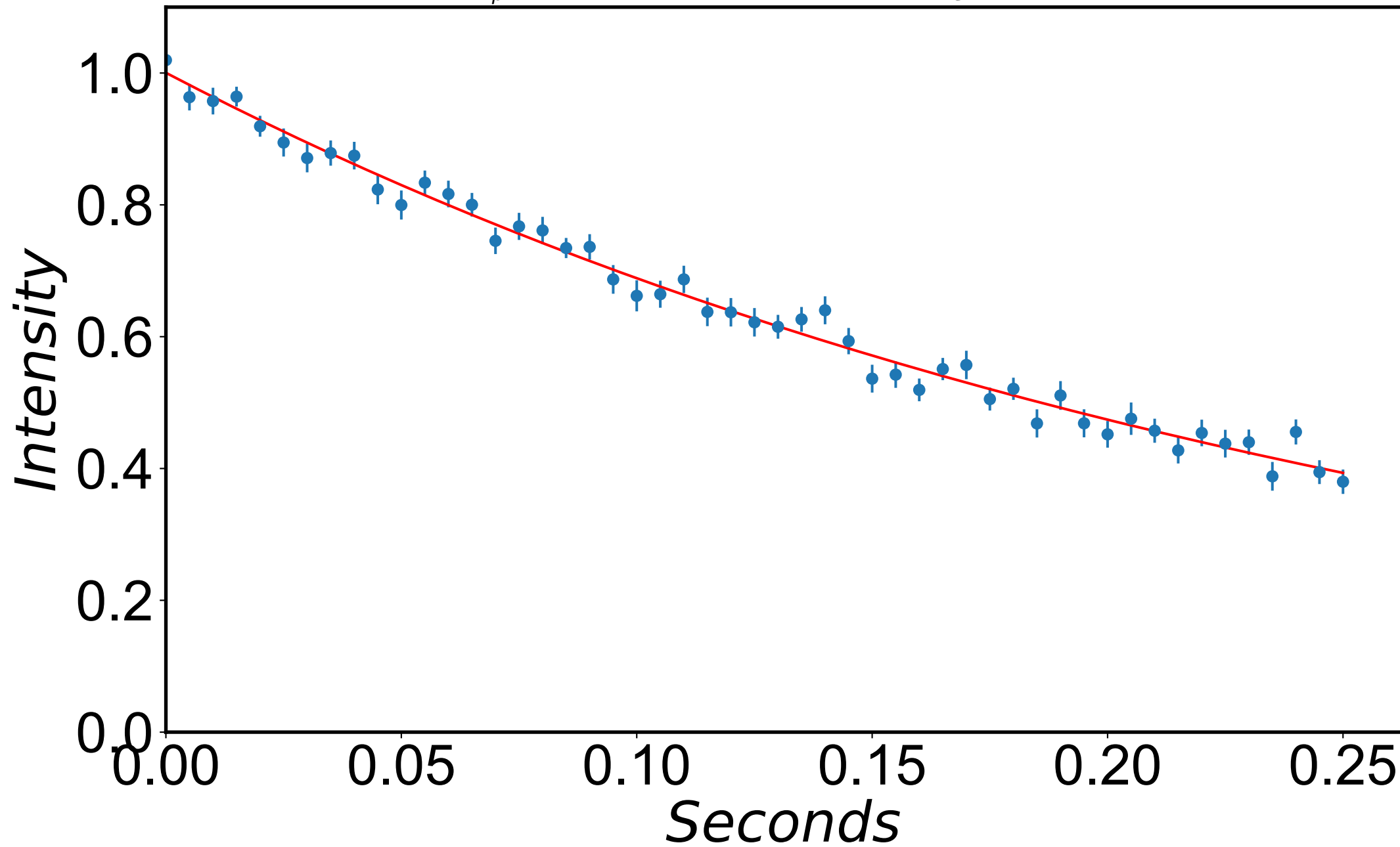
$$R_{1\rho} = 3.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 698 \text{ Hz}$$



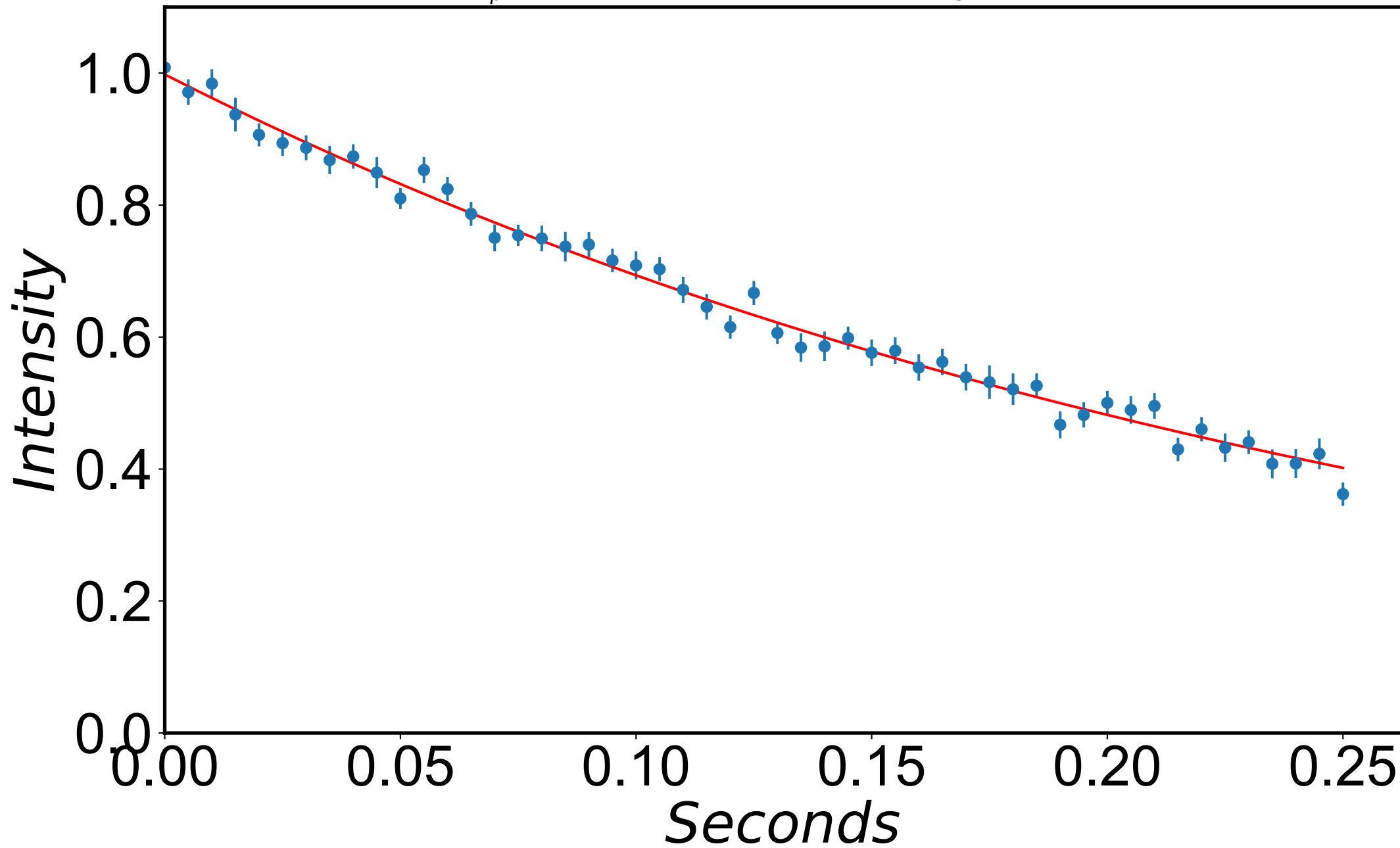
$$R_{1\rho} = 3.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 709 \text{ Hz}$$



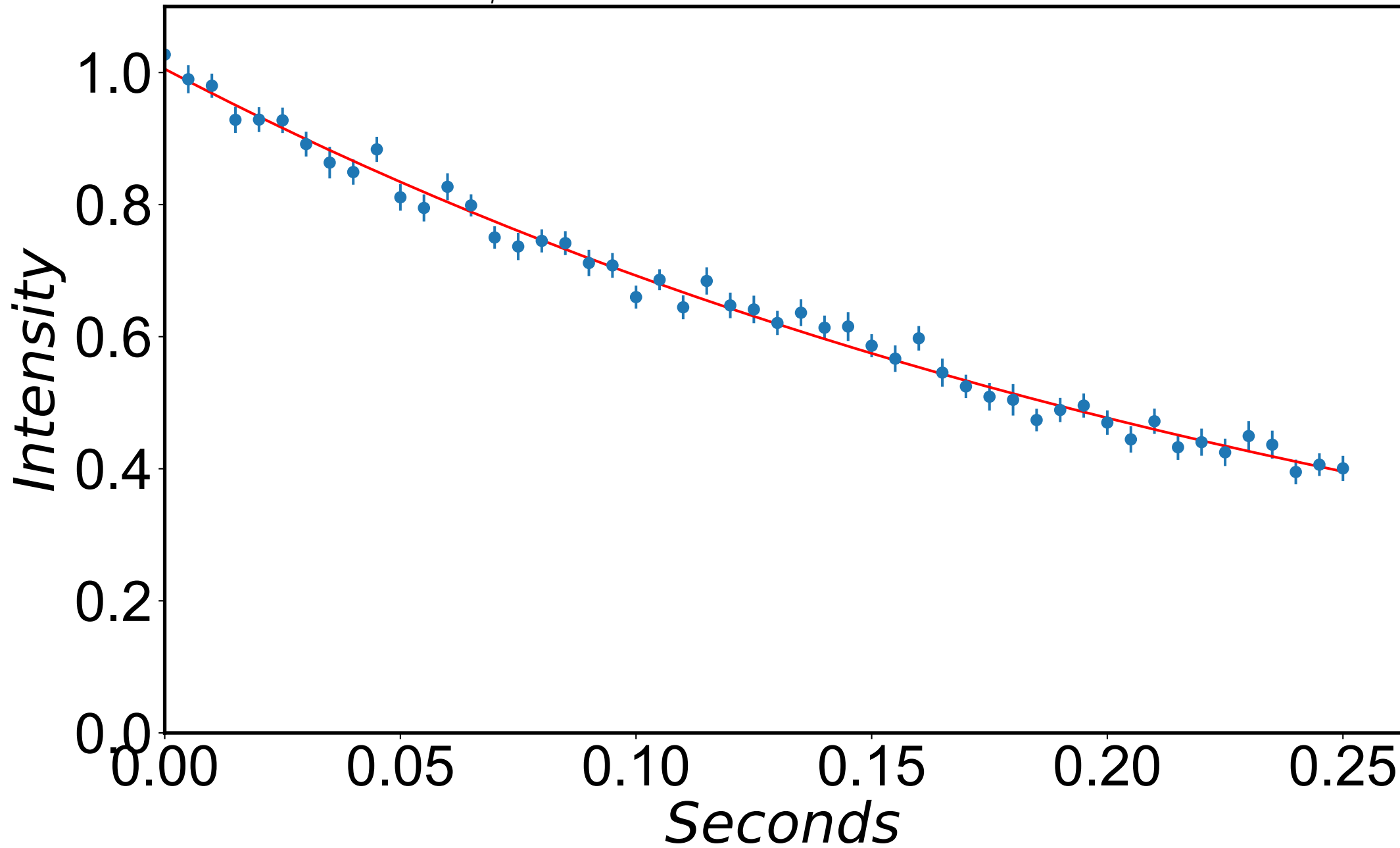
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 719 \text{ Hz}$$



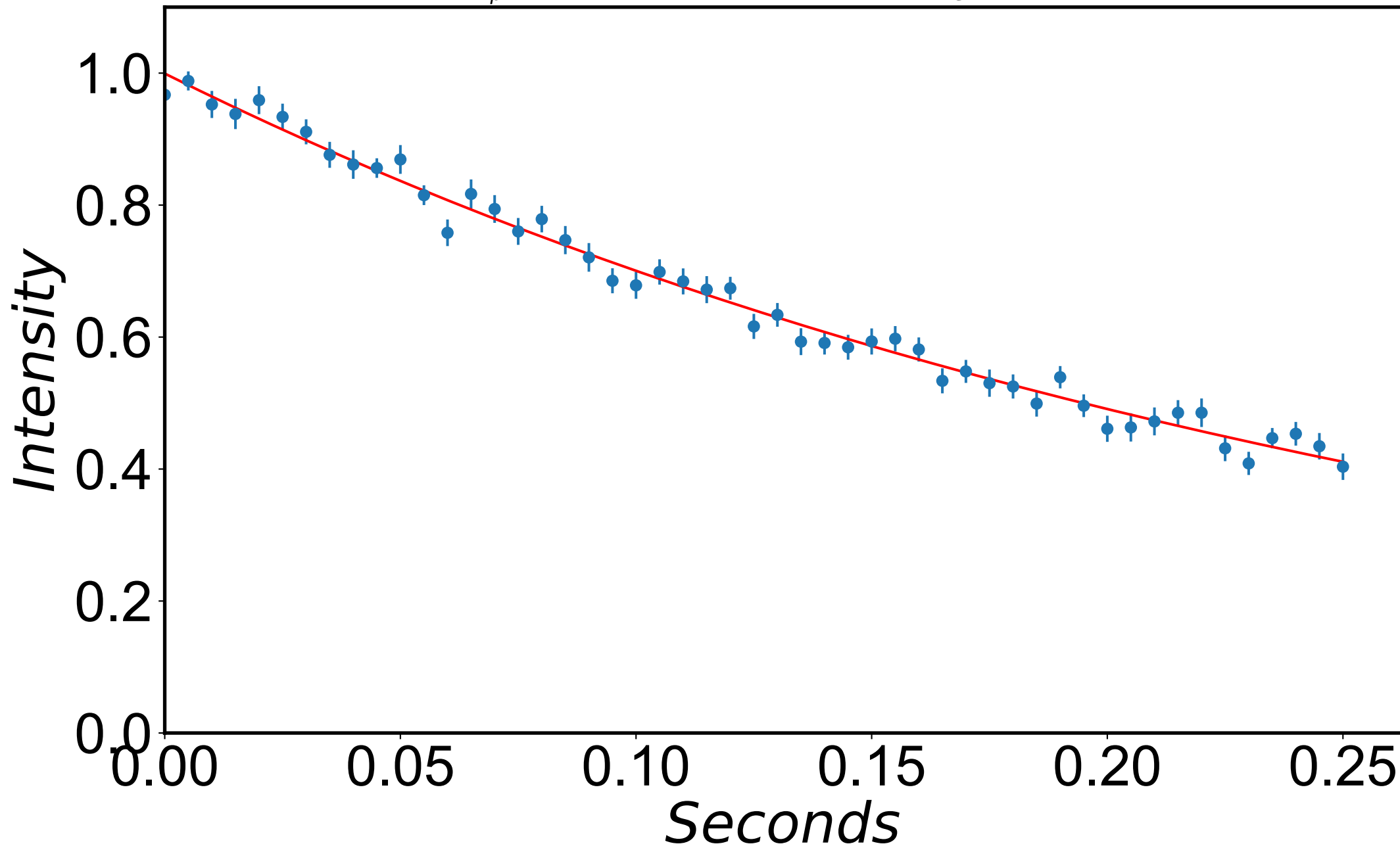
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 729 \text{ Hz}$$



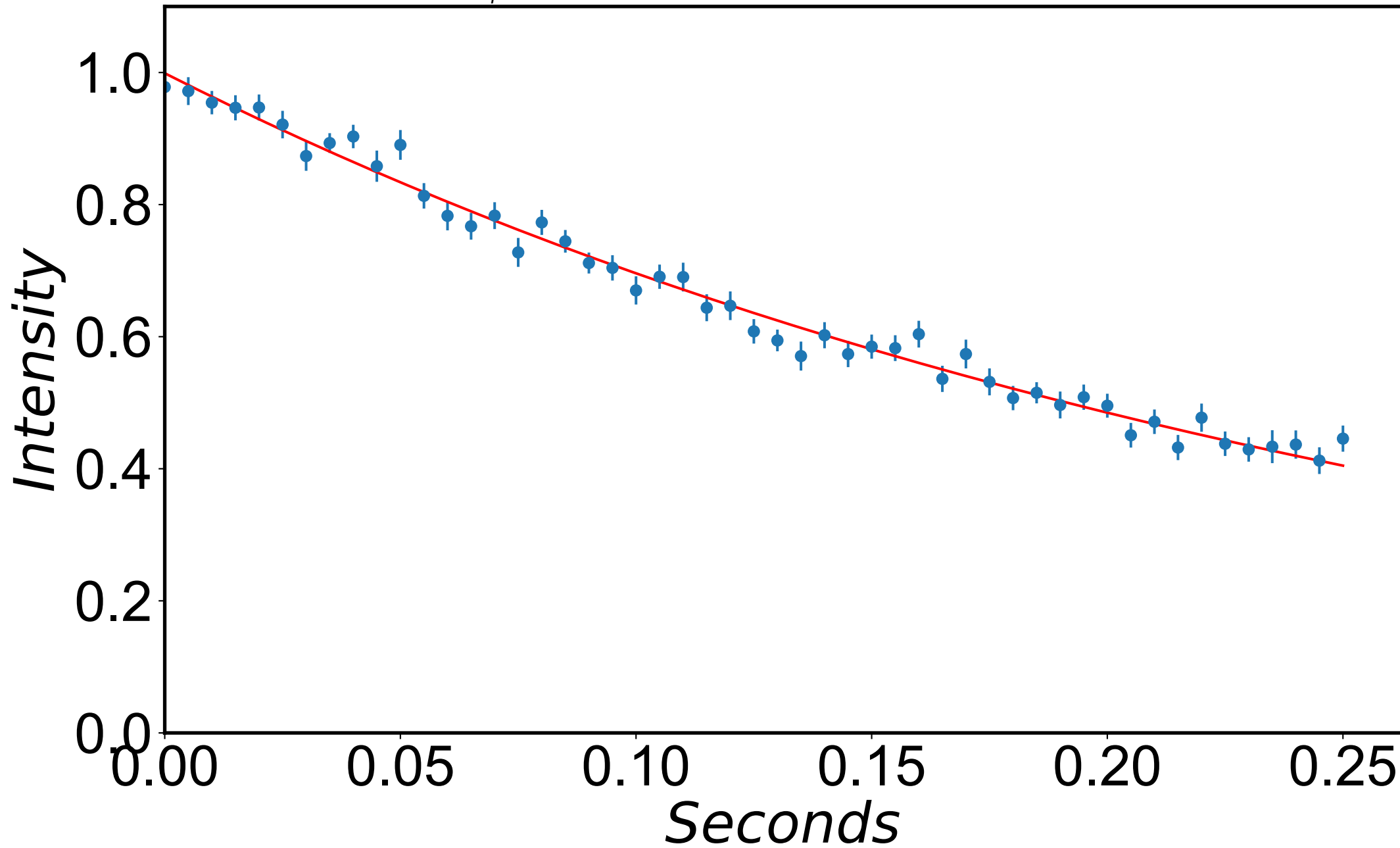
$$R_{1\rho} = 3.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 739 \text{ Hz}$$



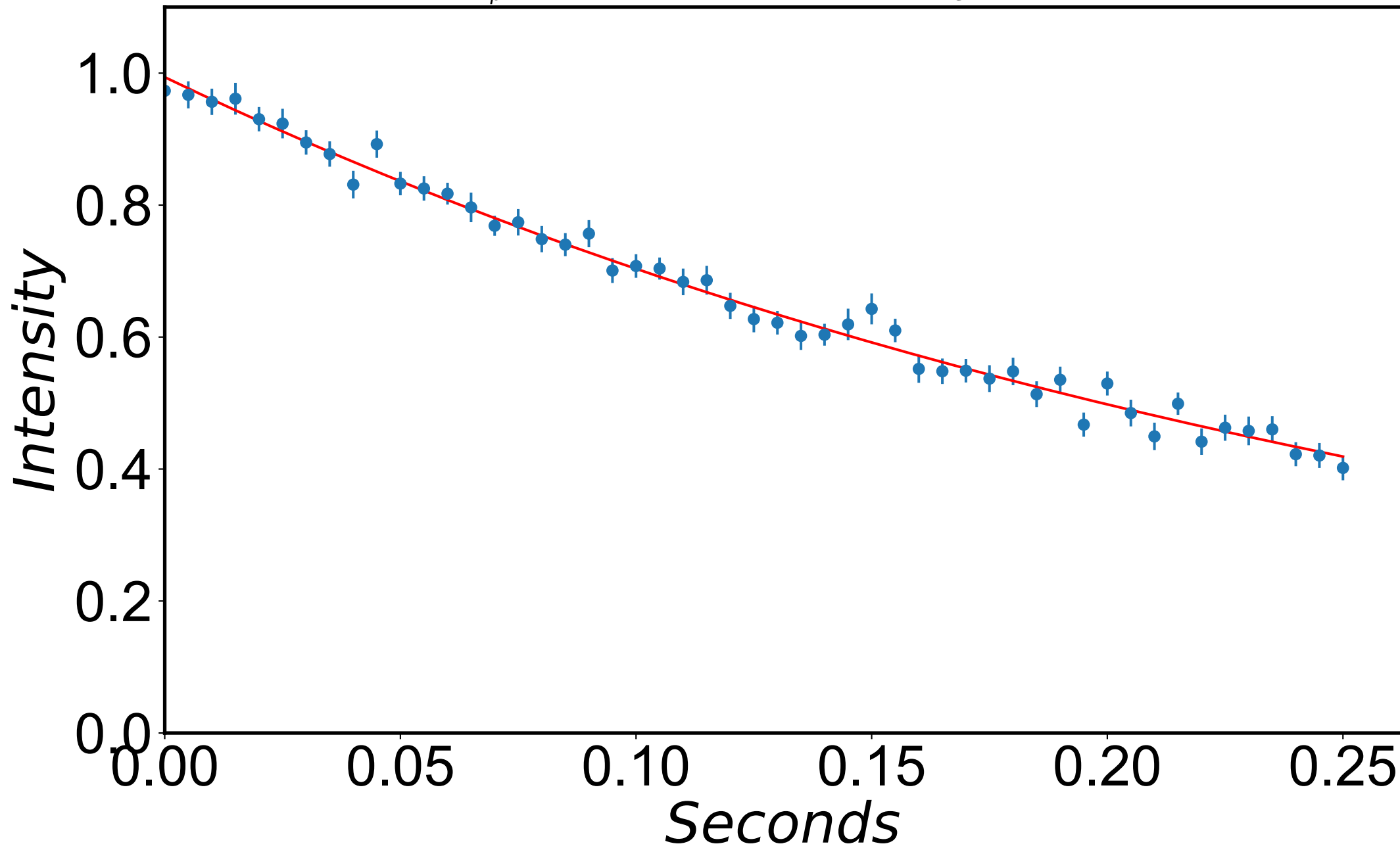
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 749 \text{ Hz}$$



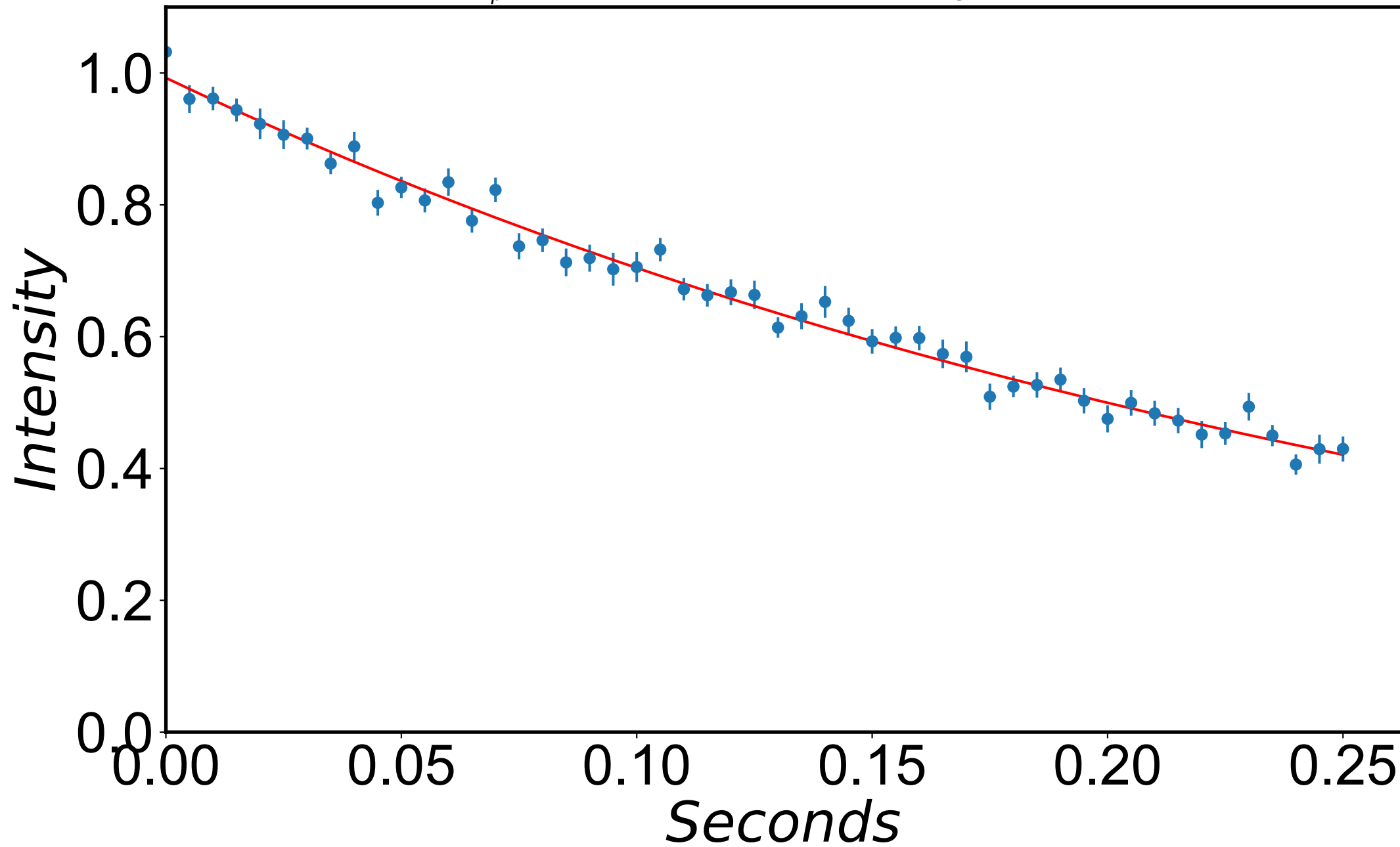
$$R_{1\rho} = 3.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 759 \text{ Hz}$$



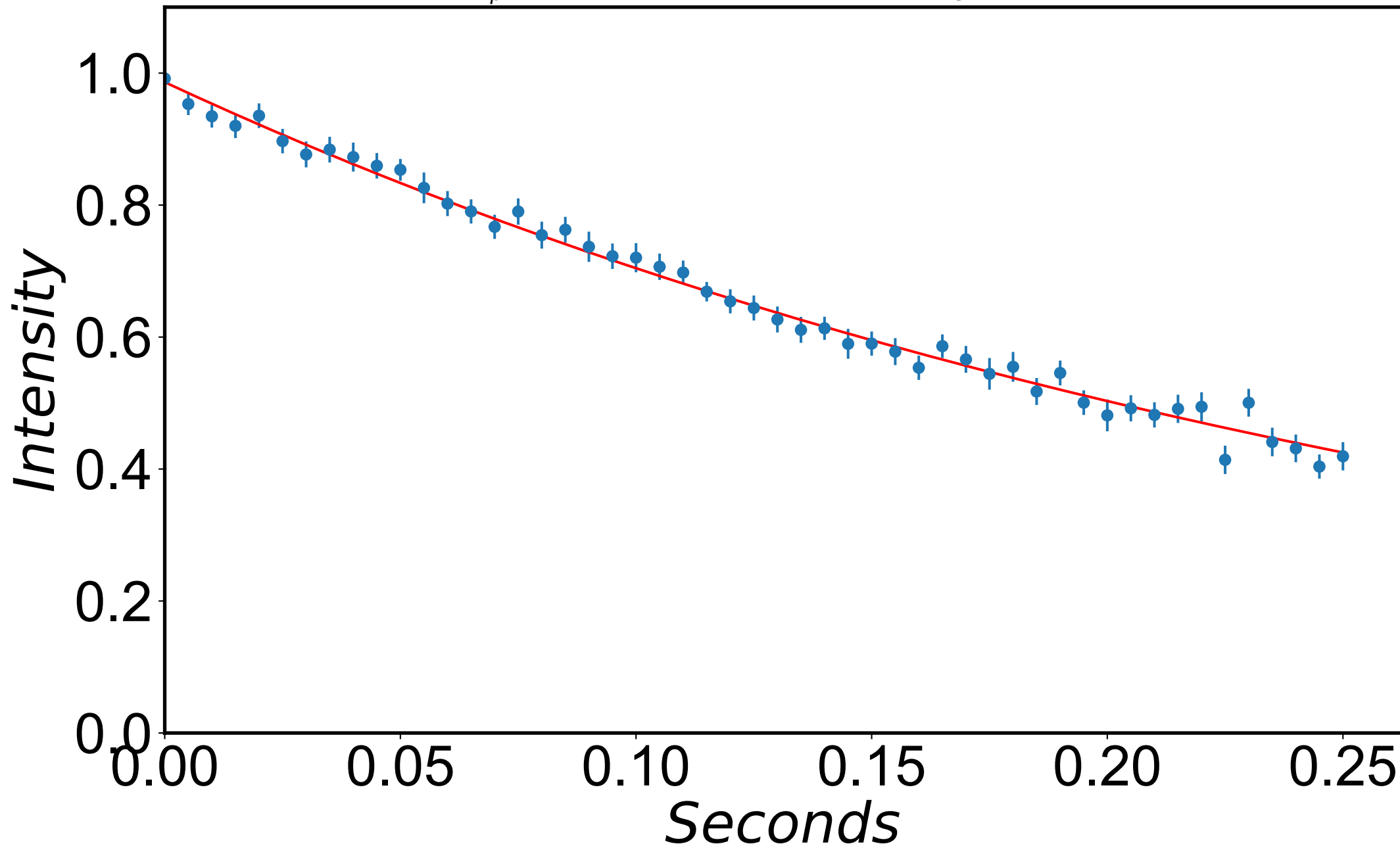
$$R_{1\rho} = 3.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 769 \text{ Hz}$$



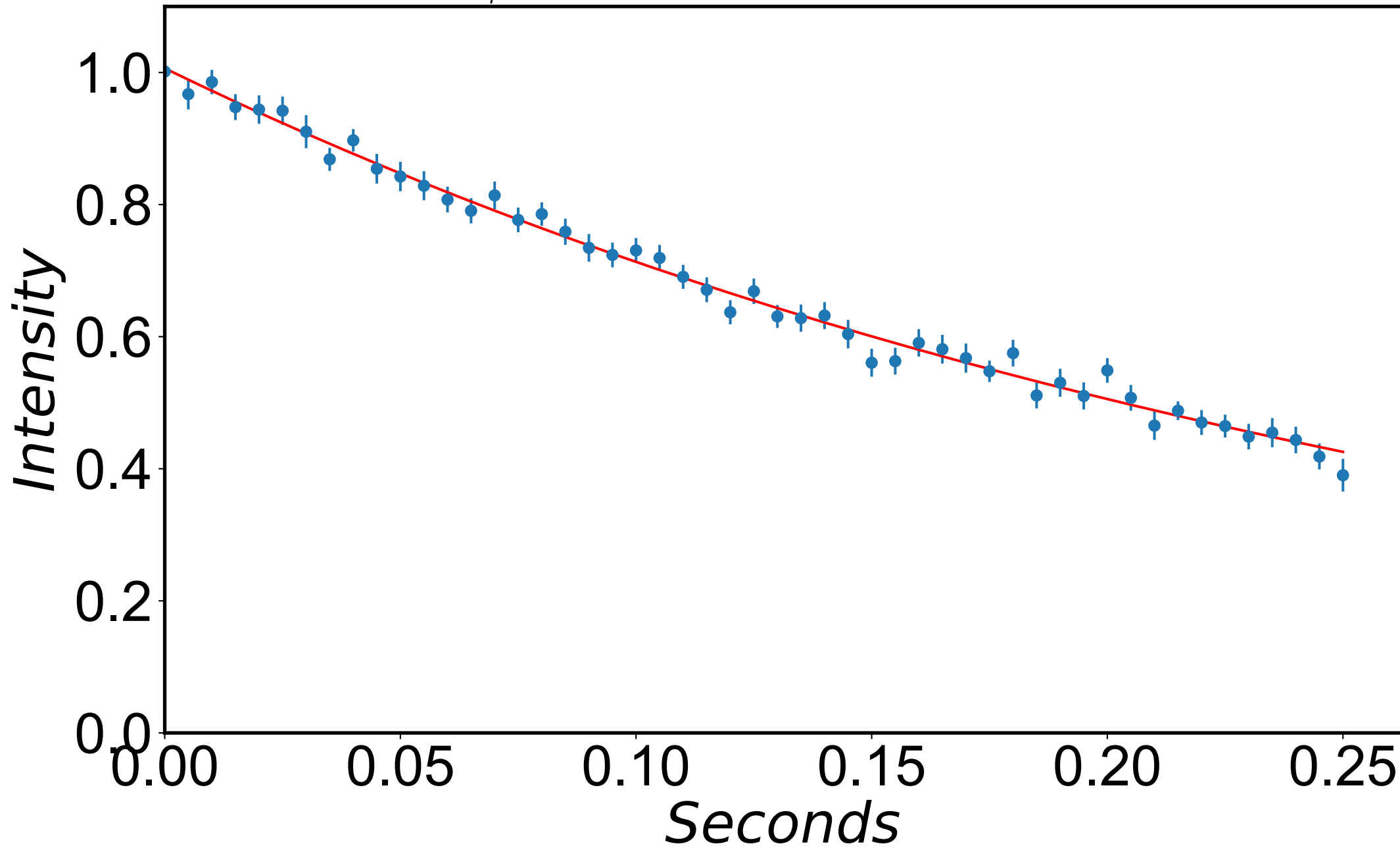
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 779 \text{ Hz}$$



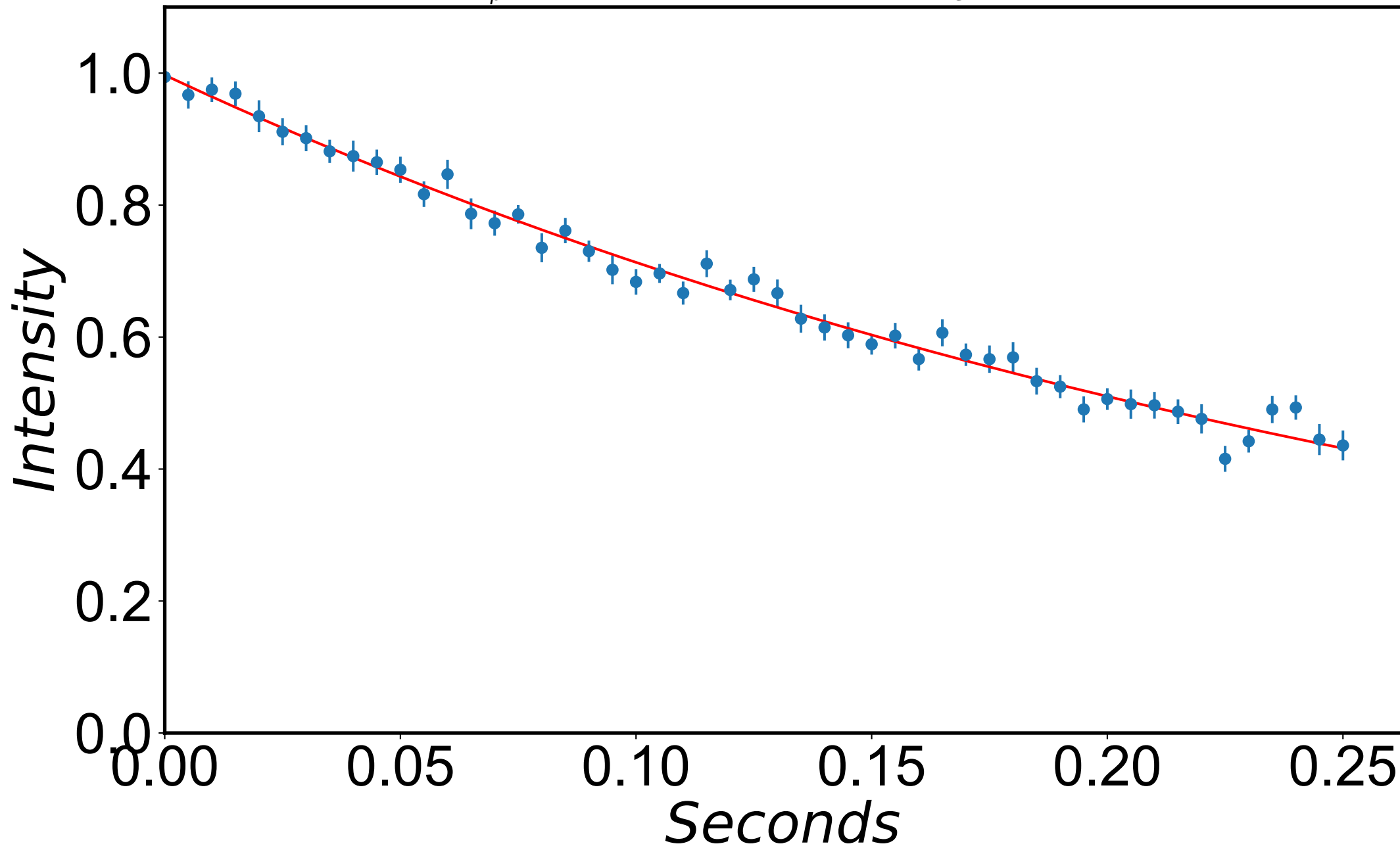
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 789 \text{ Hz}$$



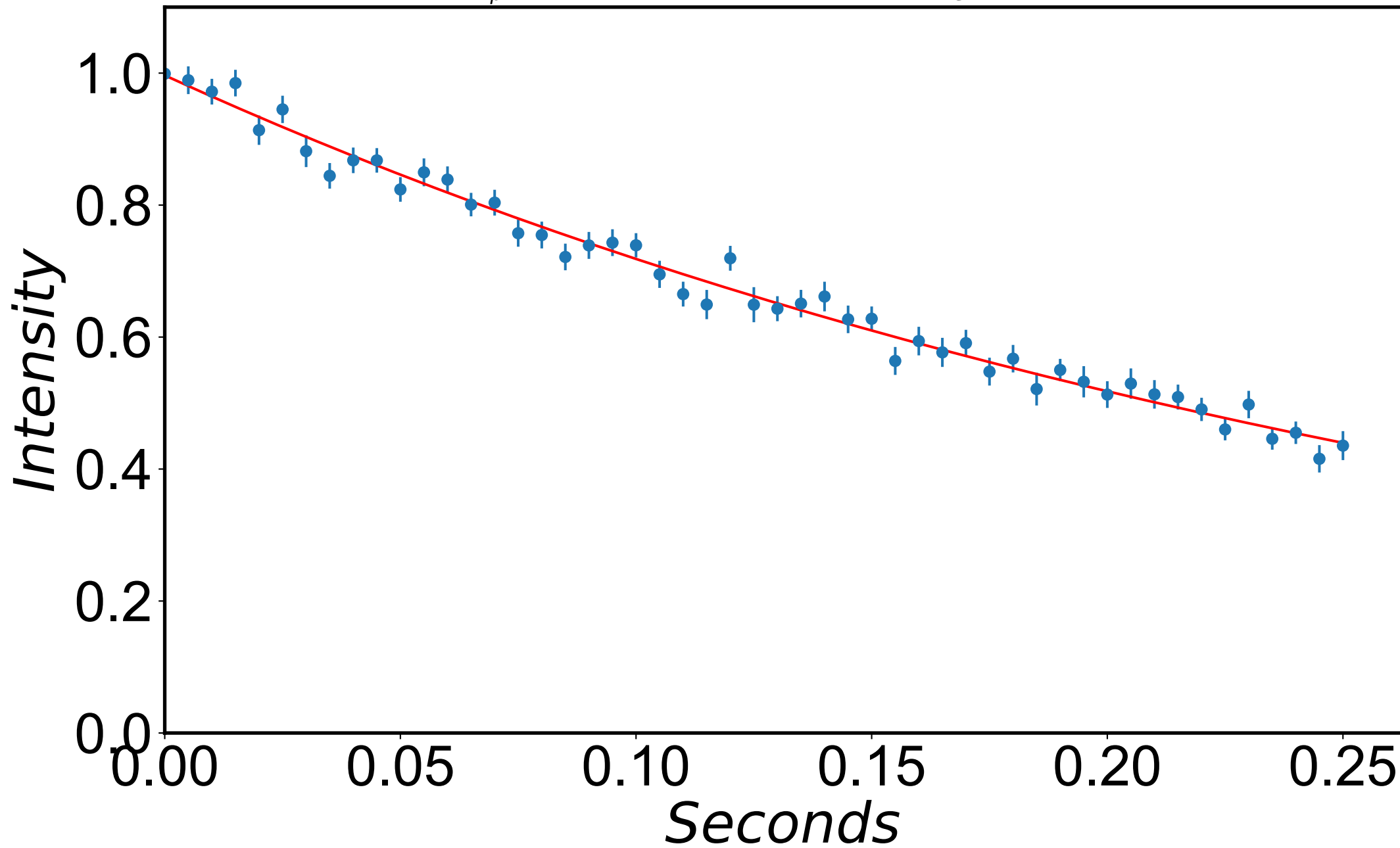
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 799 \text{ Hz}$$



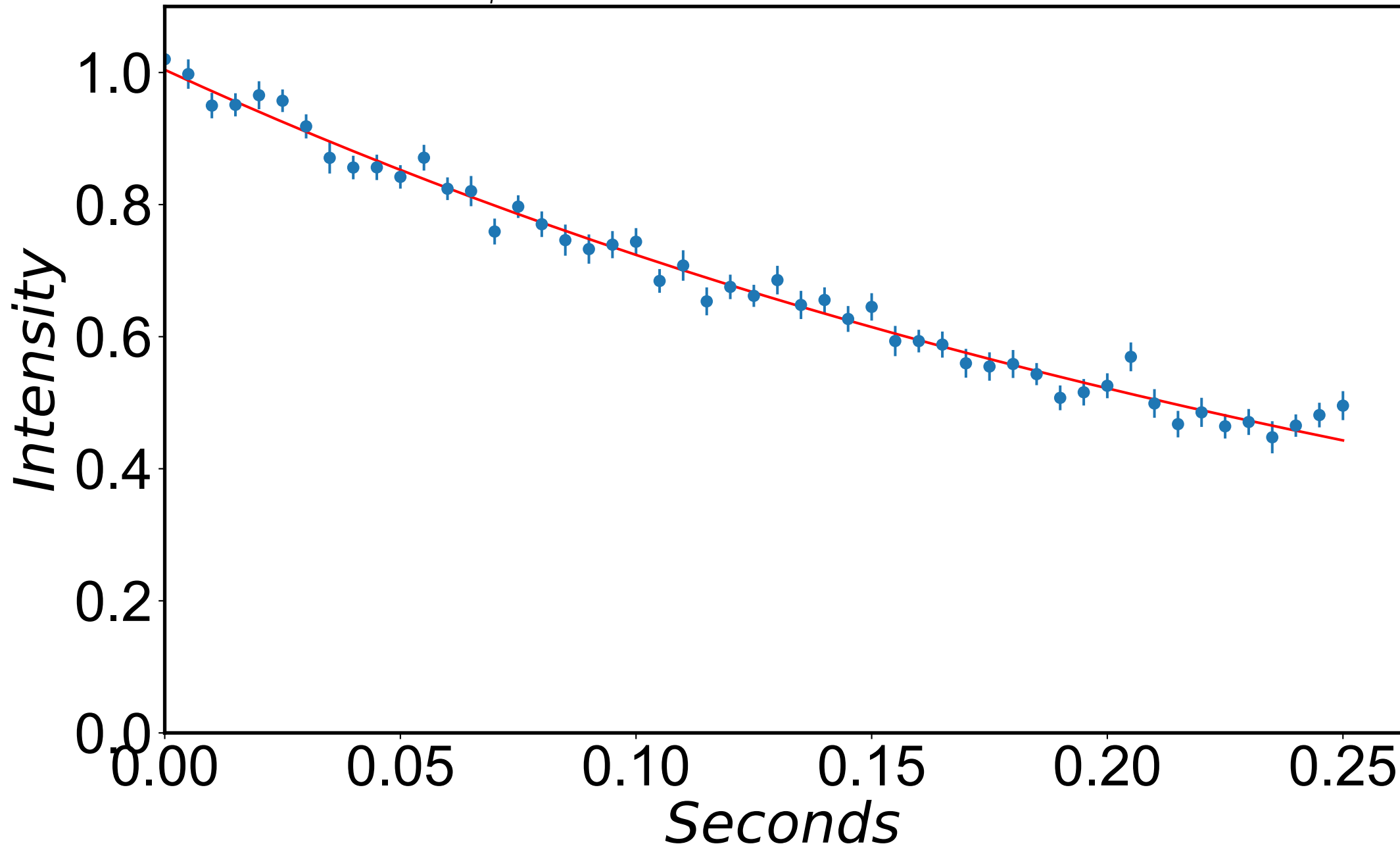
$$R_{1\rho} = 3.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 809 \text{ Hz}$$



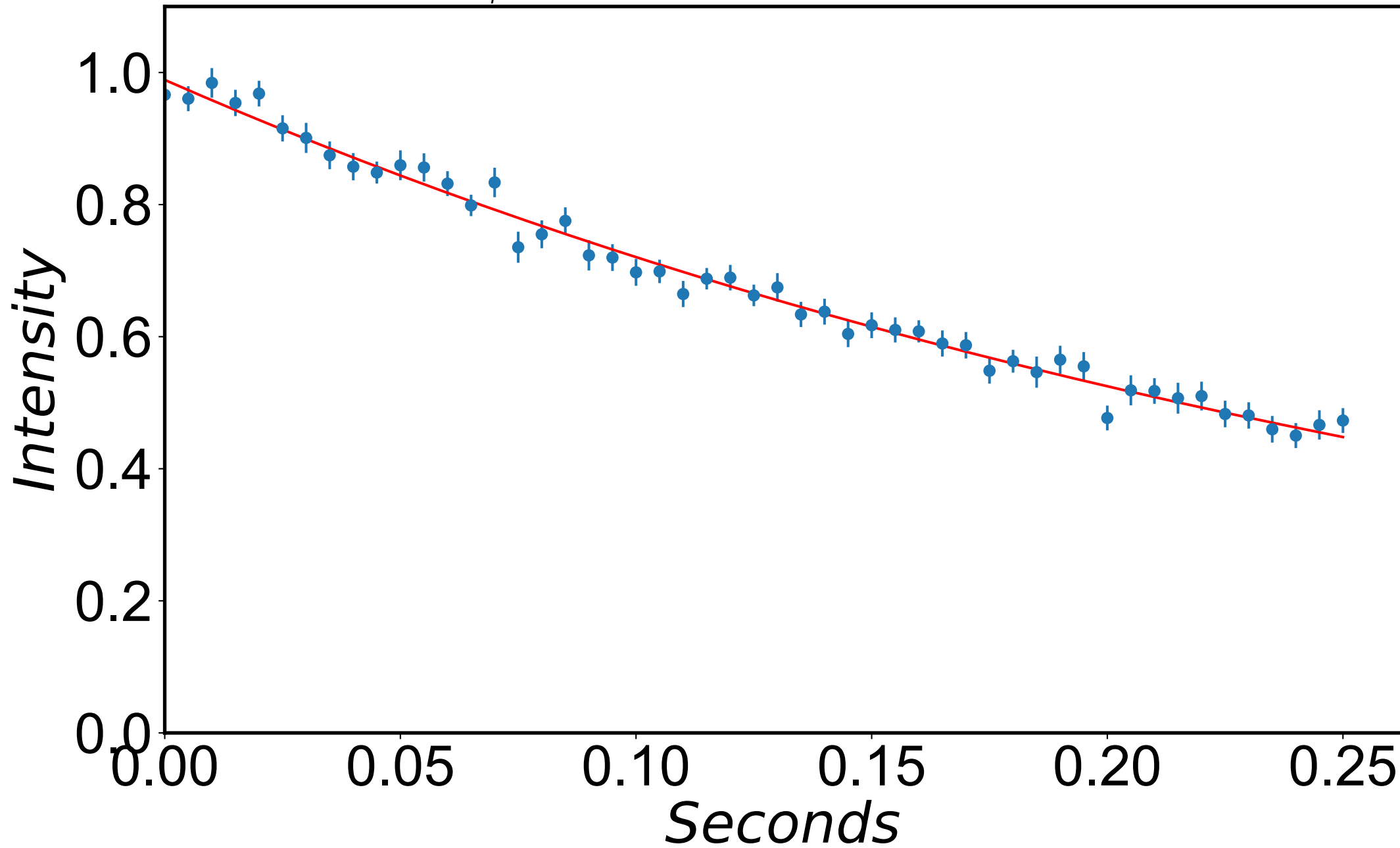
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 819 \text{ Hz}$$



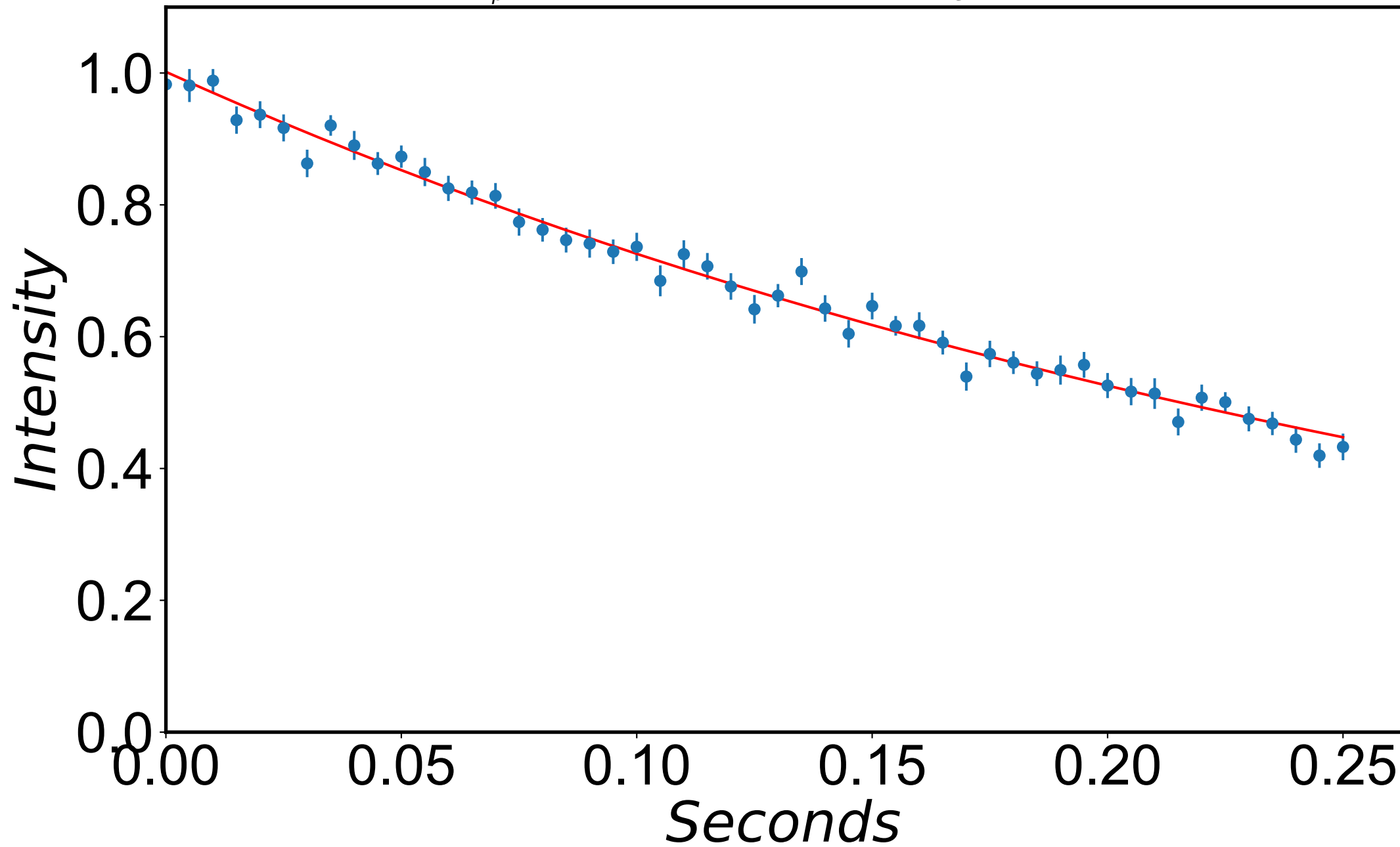
$$R_{1\rho} = 3.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 829 \text{ Hz}$$



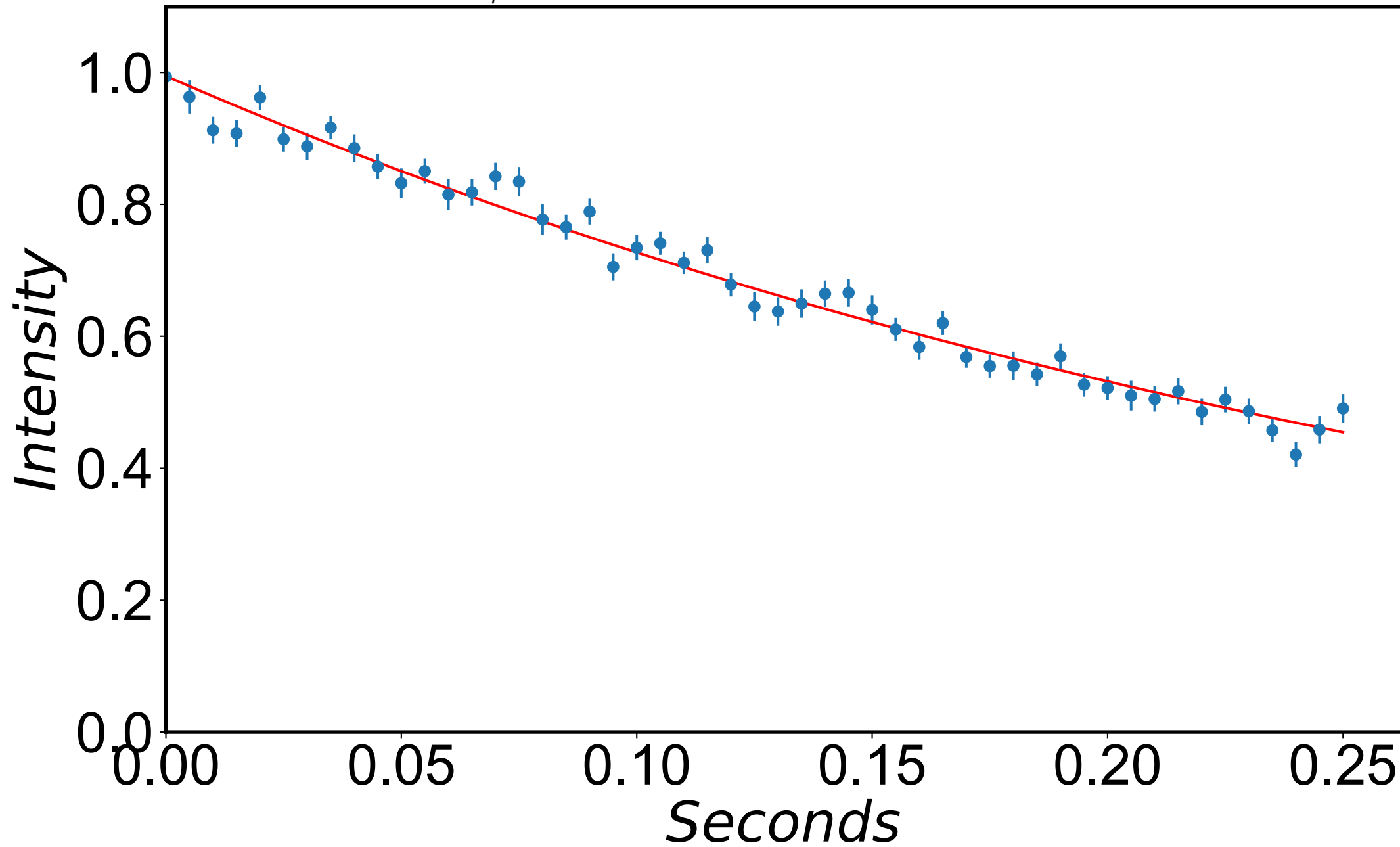
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 839 \text{ Hz}$$



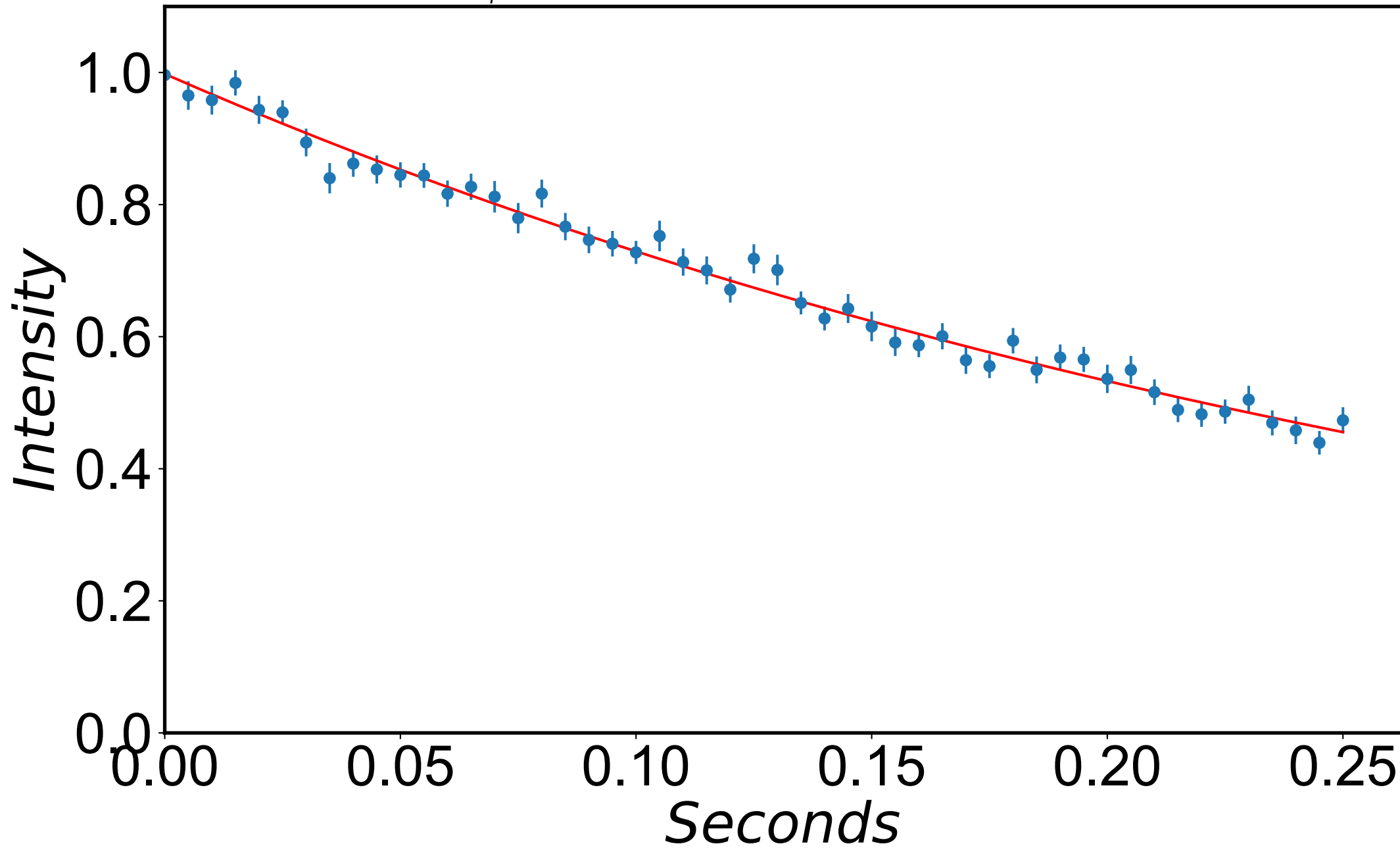
$$R_{1\rho} = 3.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 849 \text{ Hz}$$



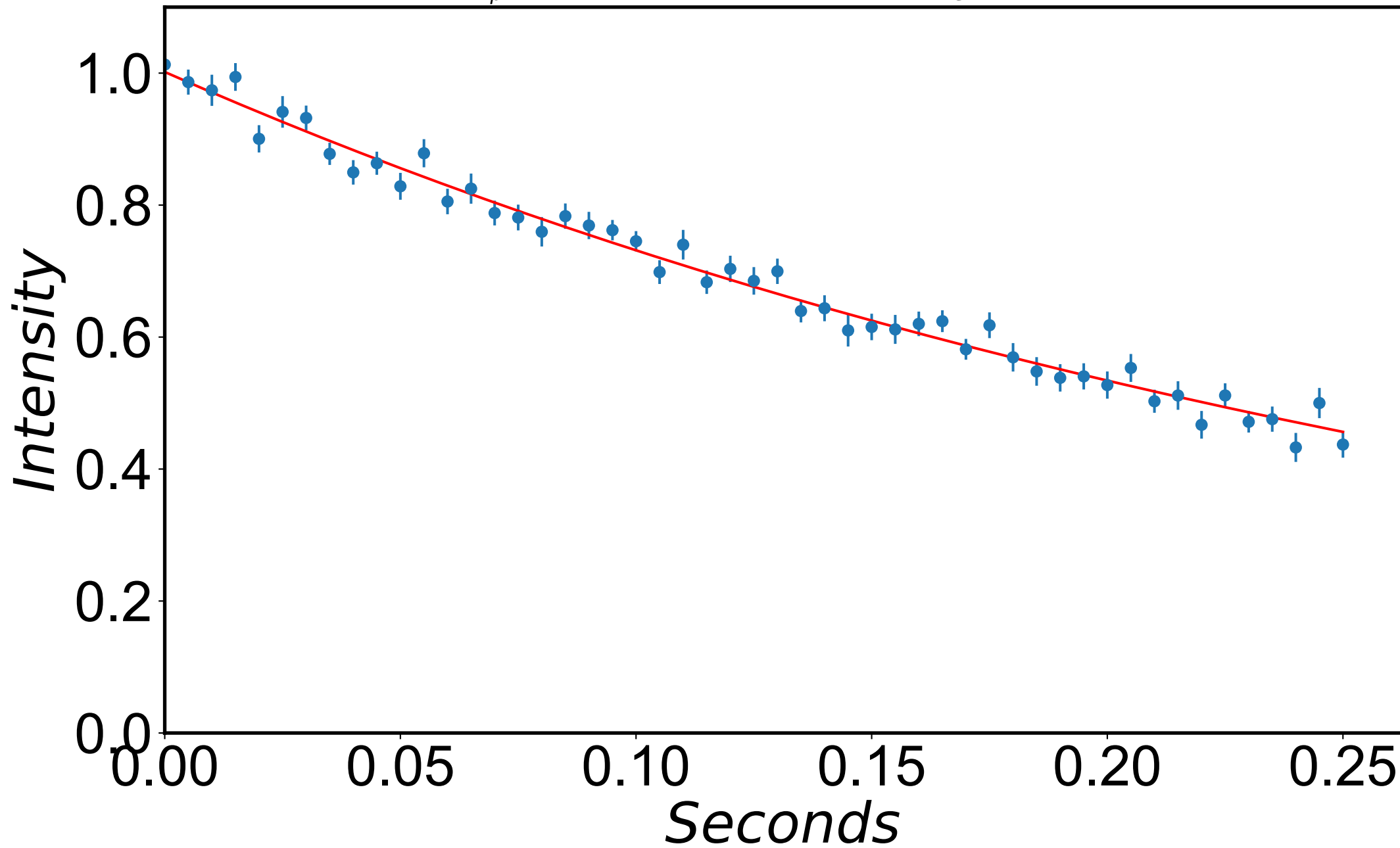
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 859 \text{ Hz}$$



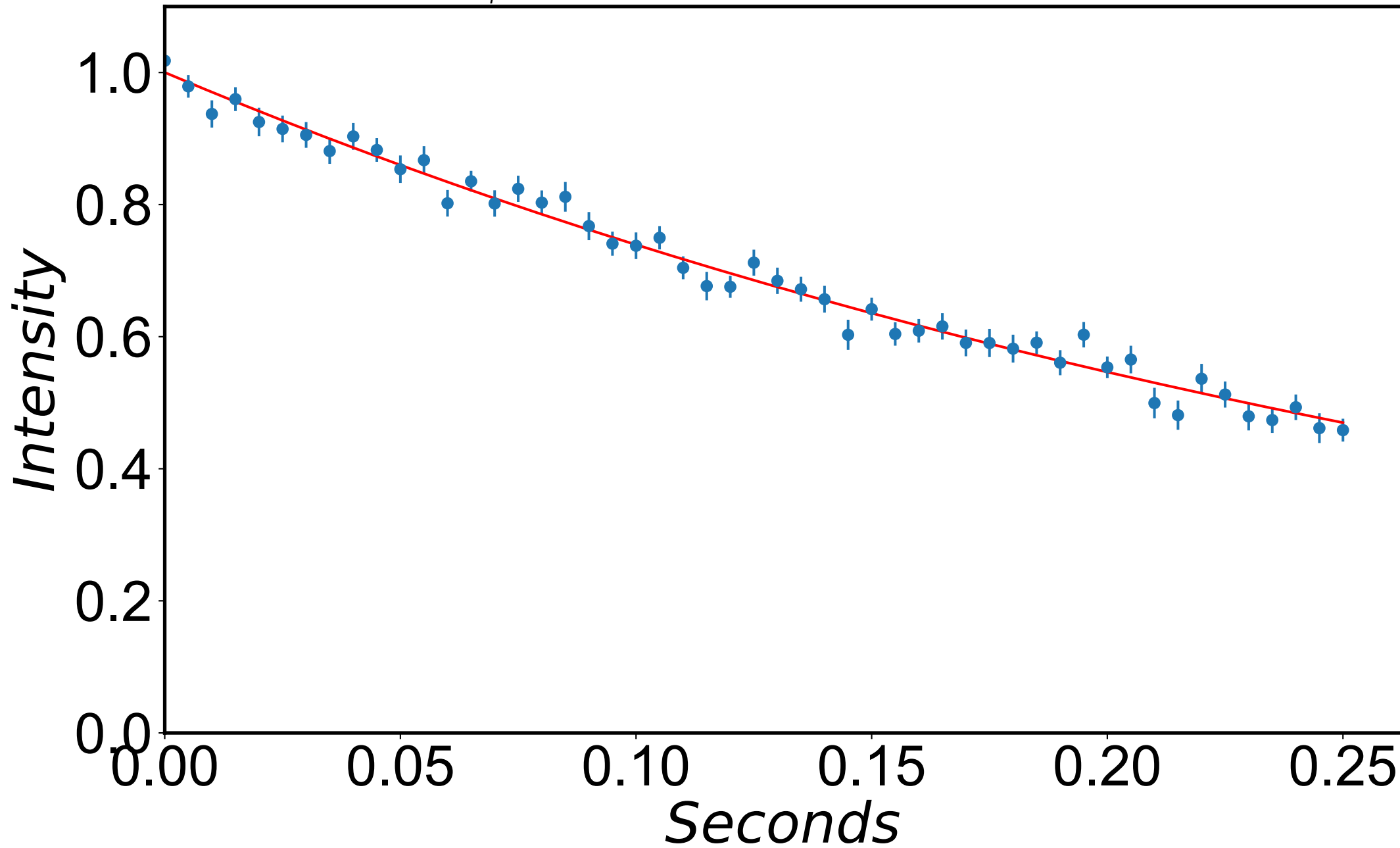
$$R_{1\rho} = 3.1 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 869 \text{ Hz}$$



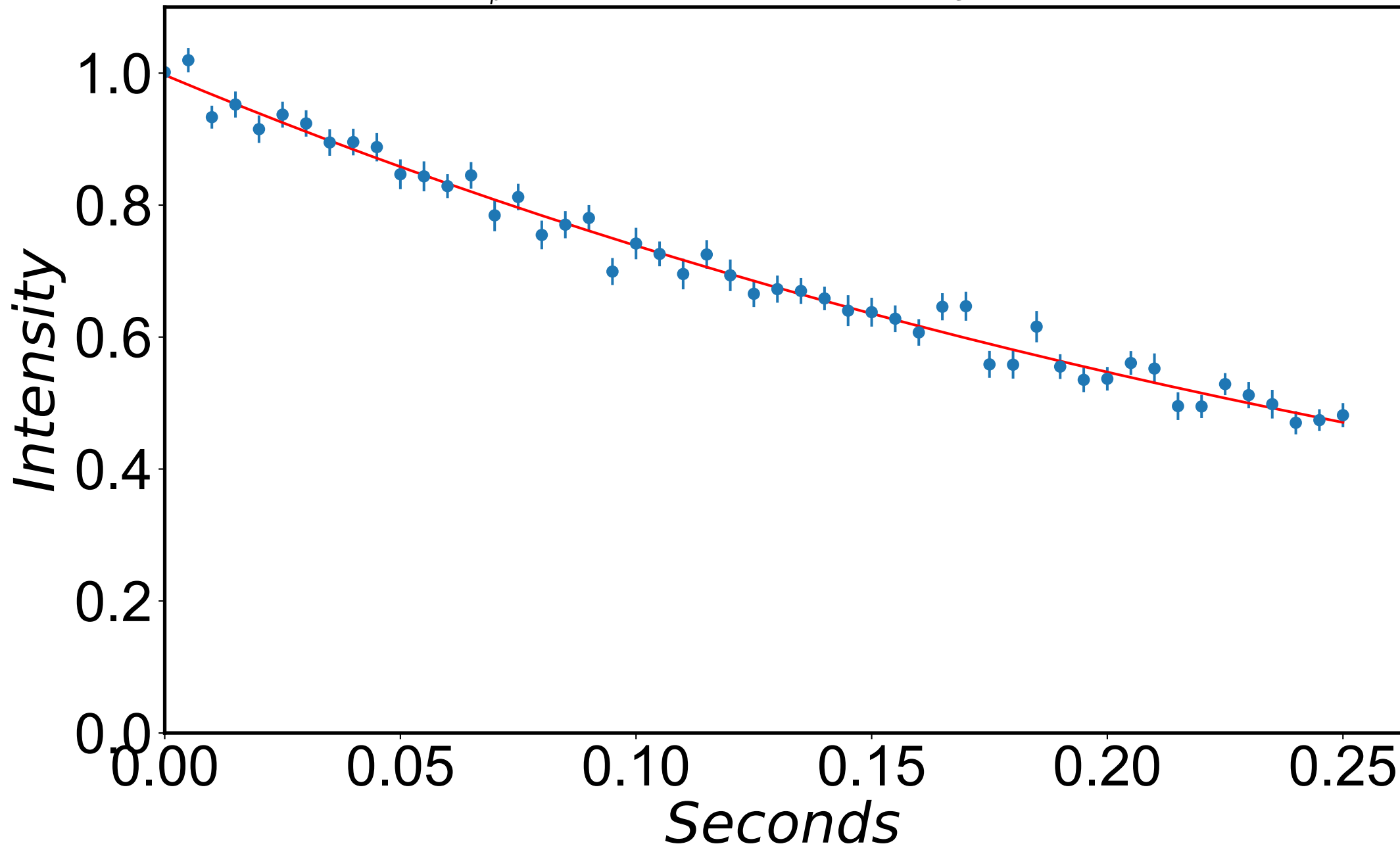
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 879 \text{ Hz}$$



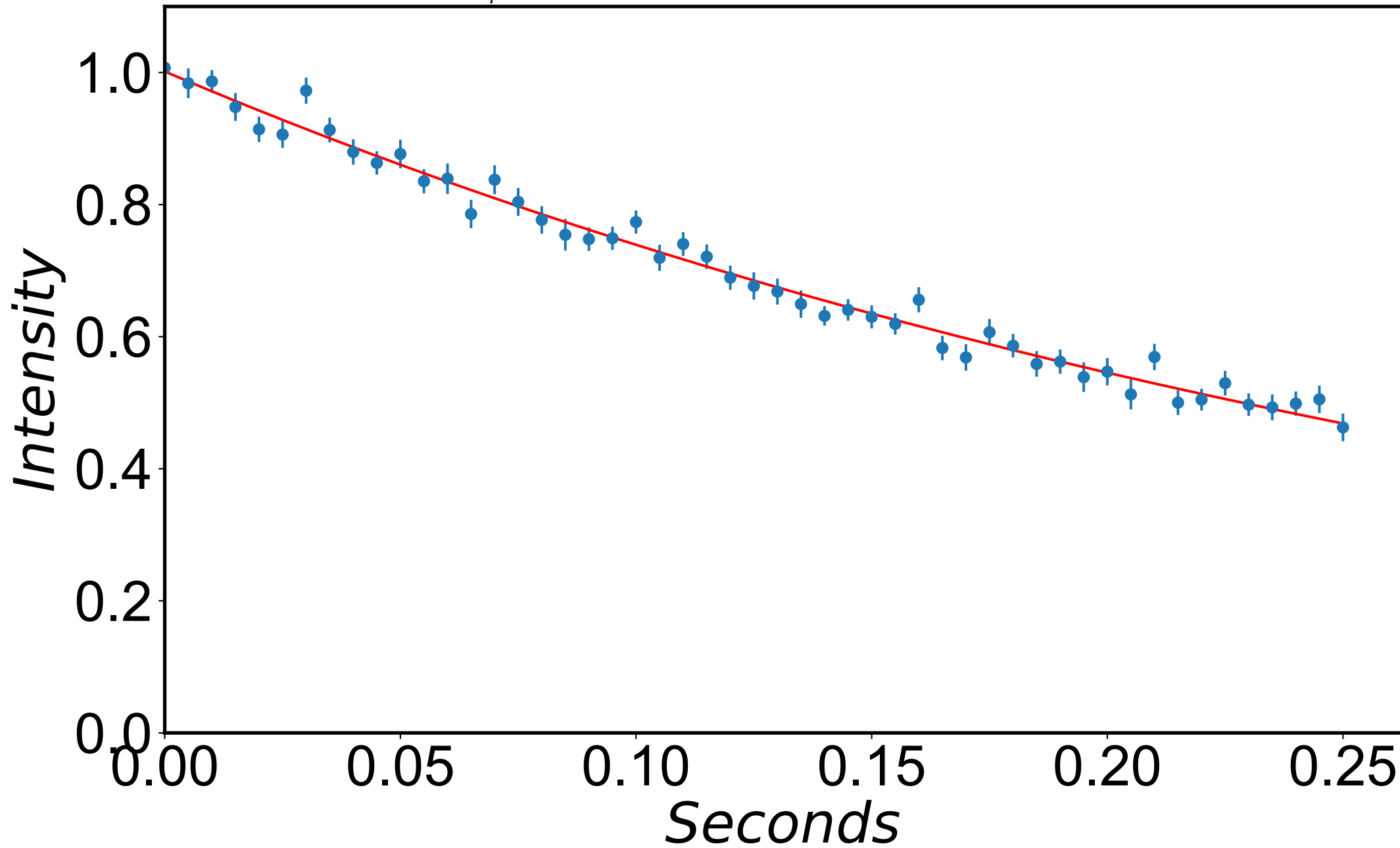
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 889 \text{ Hz}$$



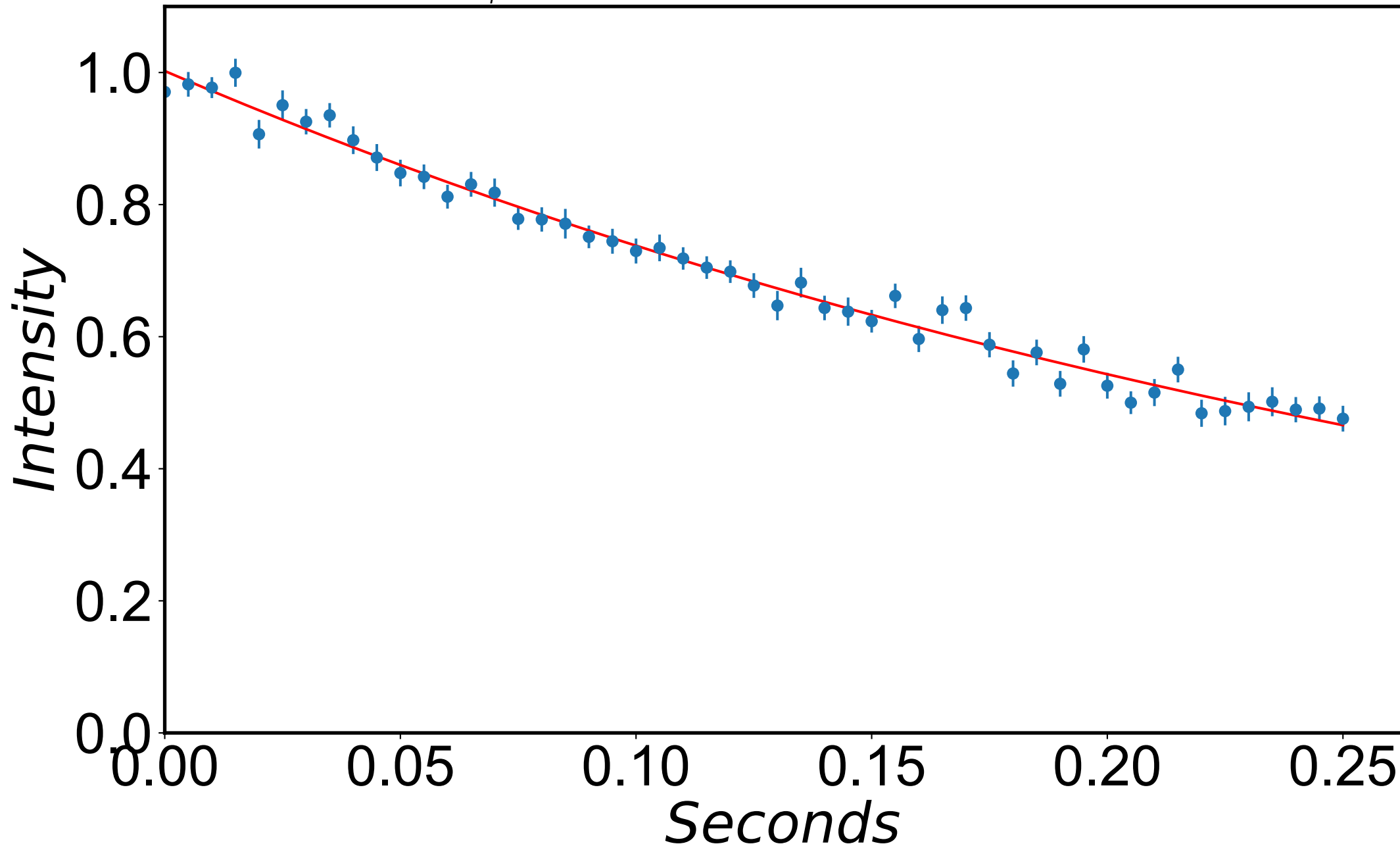
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 899 \text{ Hz}$$



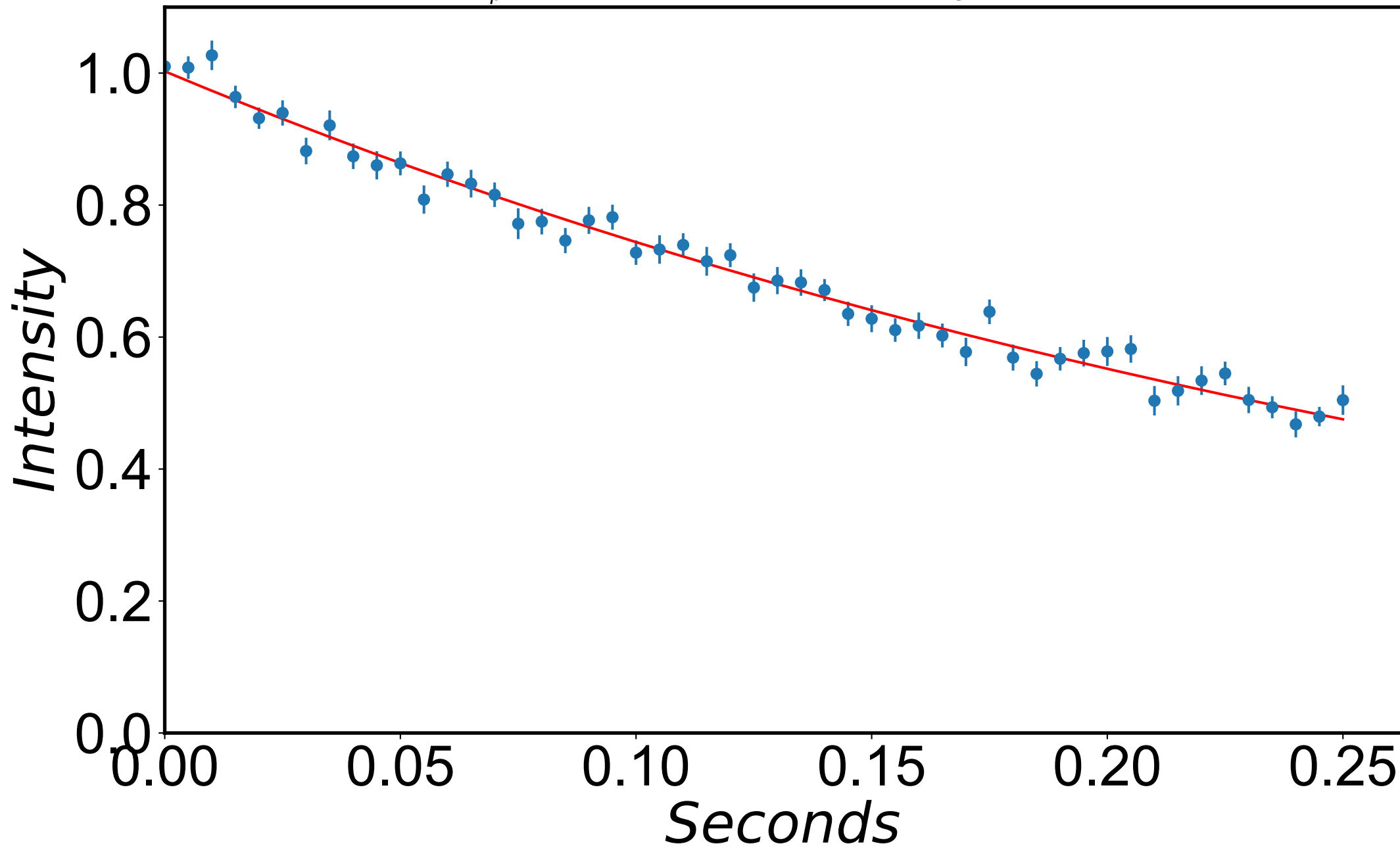
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 910 \text{ Hz}$$



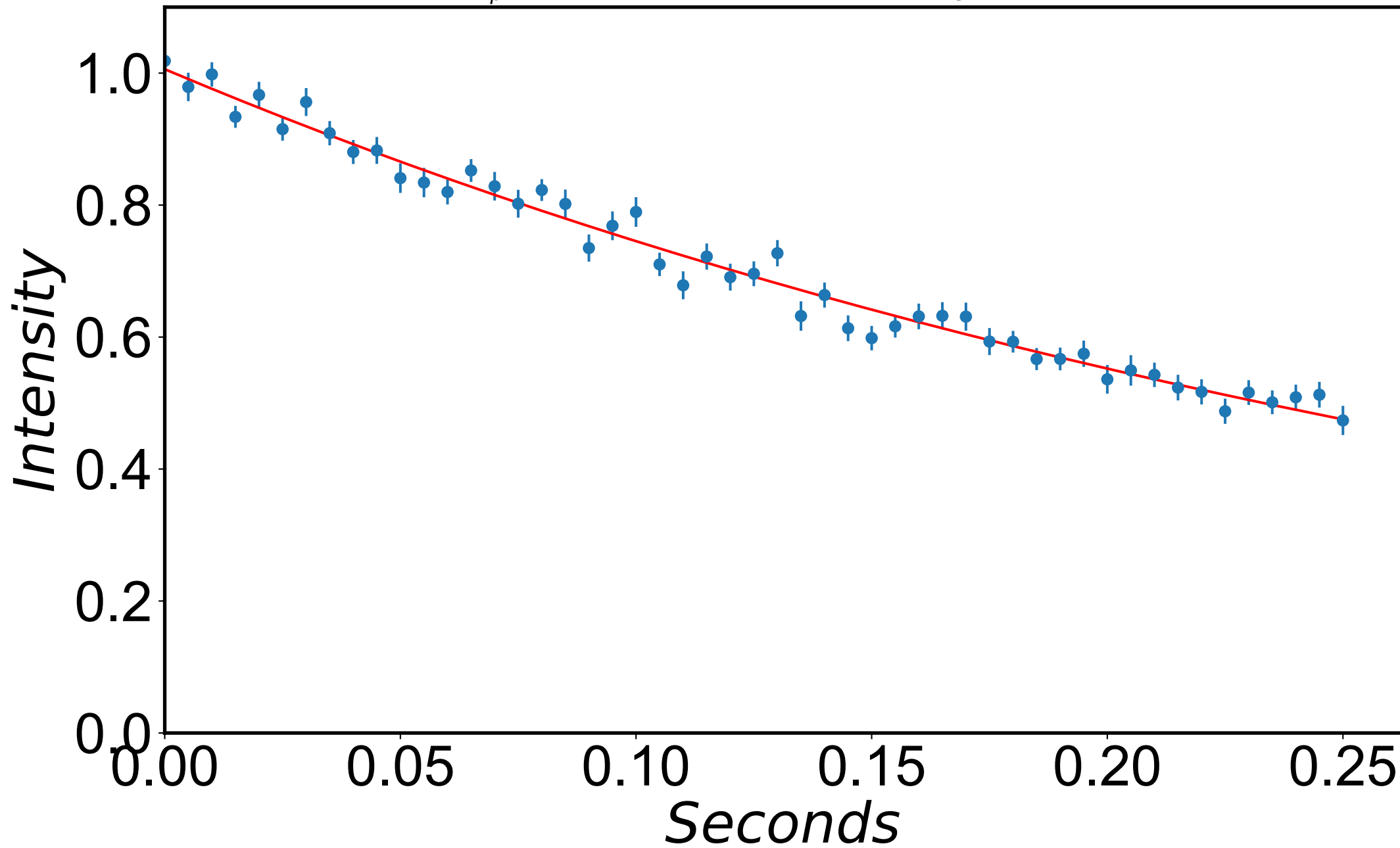
$$R_{1\rho} = 3.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 920 \text{ Hz}$$



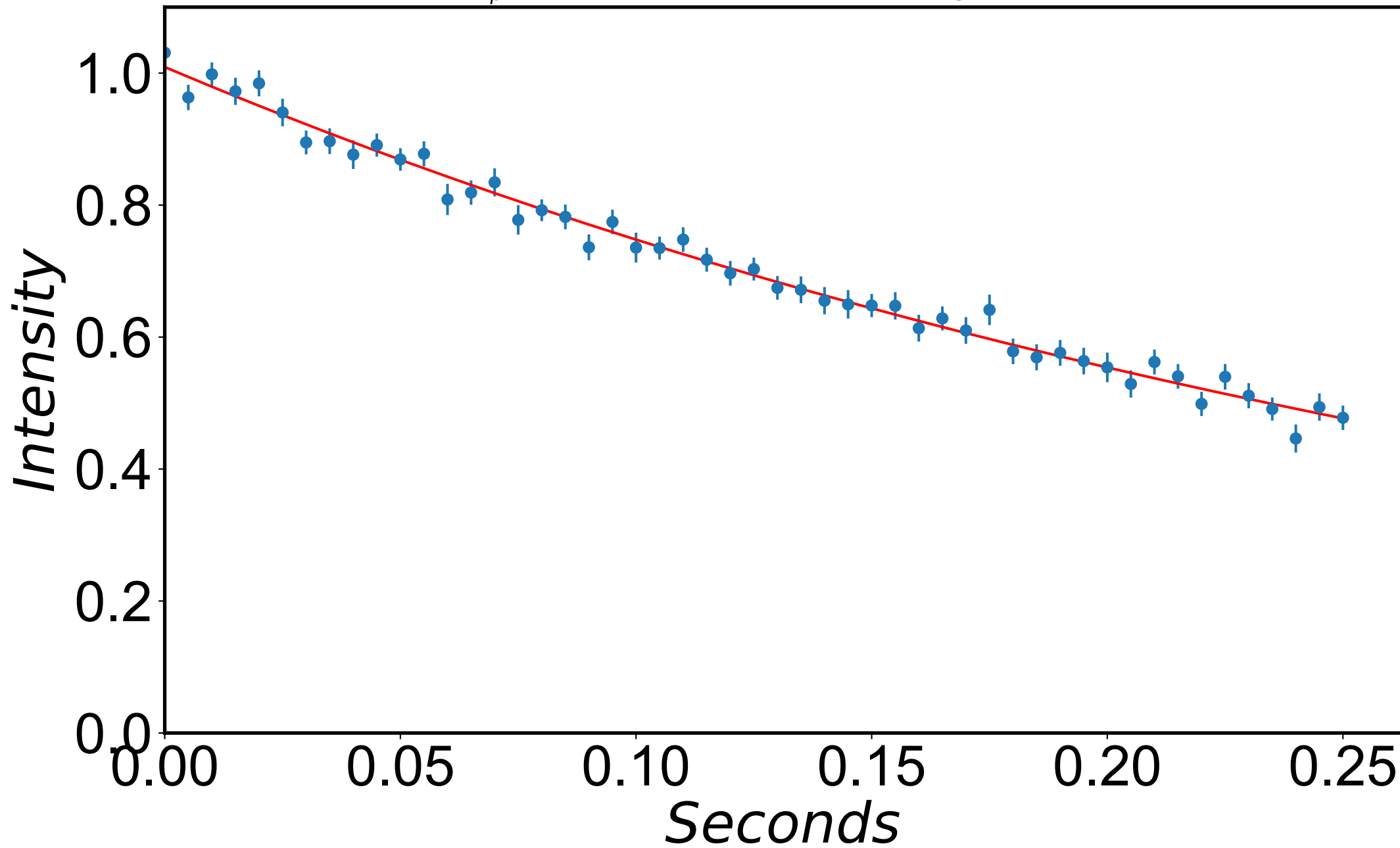
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 930 \text{ Hz}$$



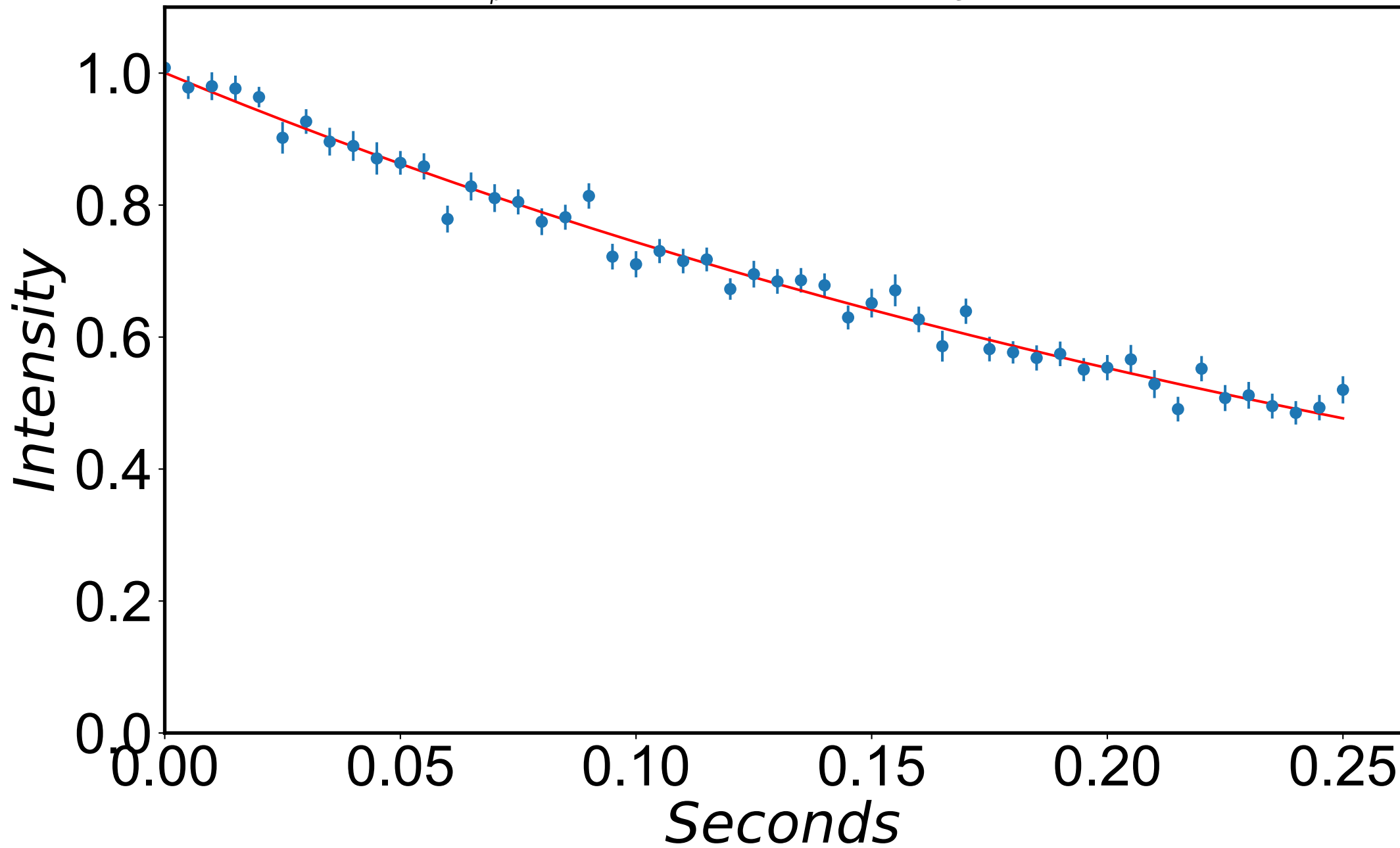
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 940 \text{ Hz}$$



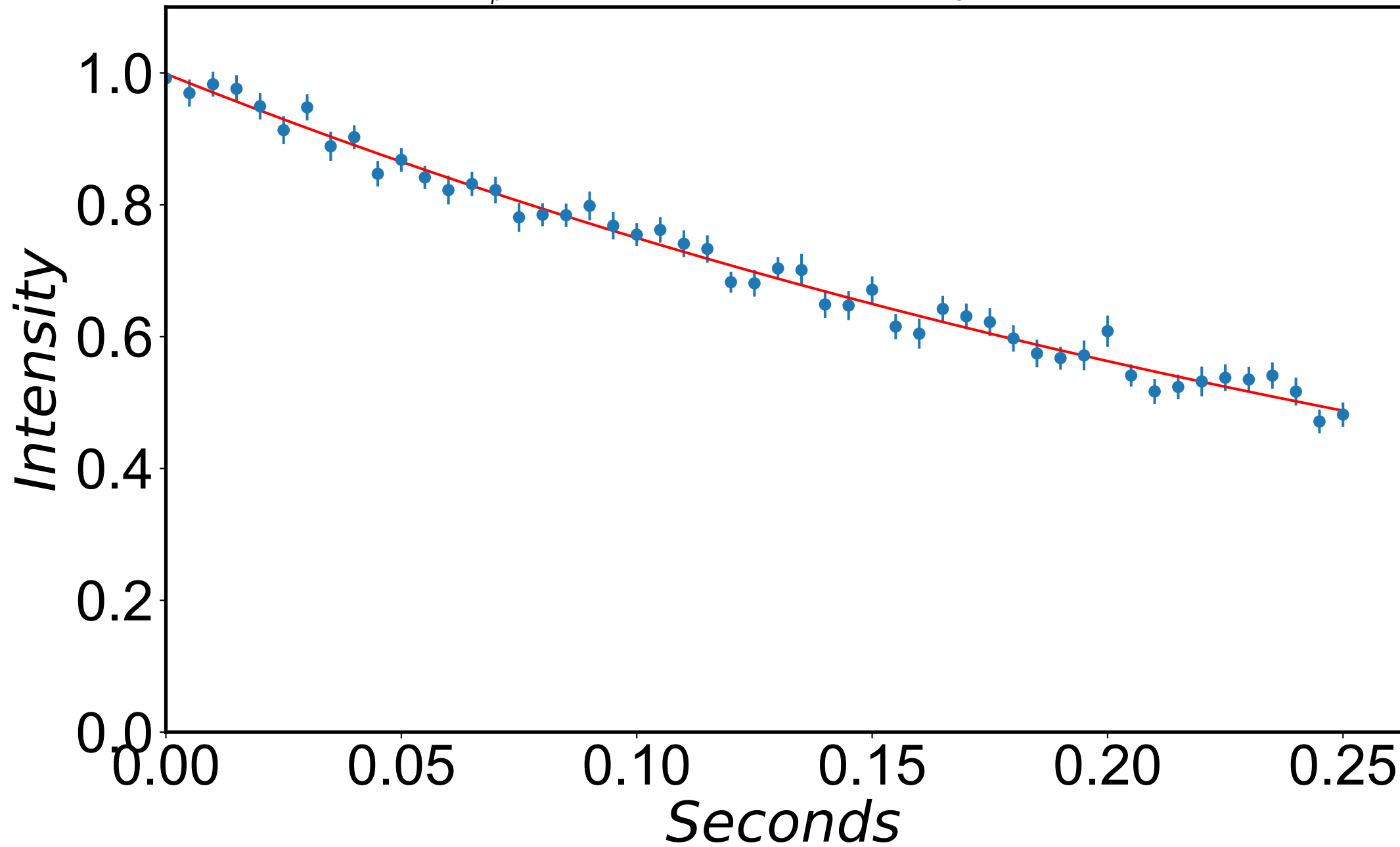
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 950 \text{ Hz}$$



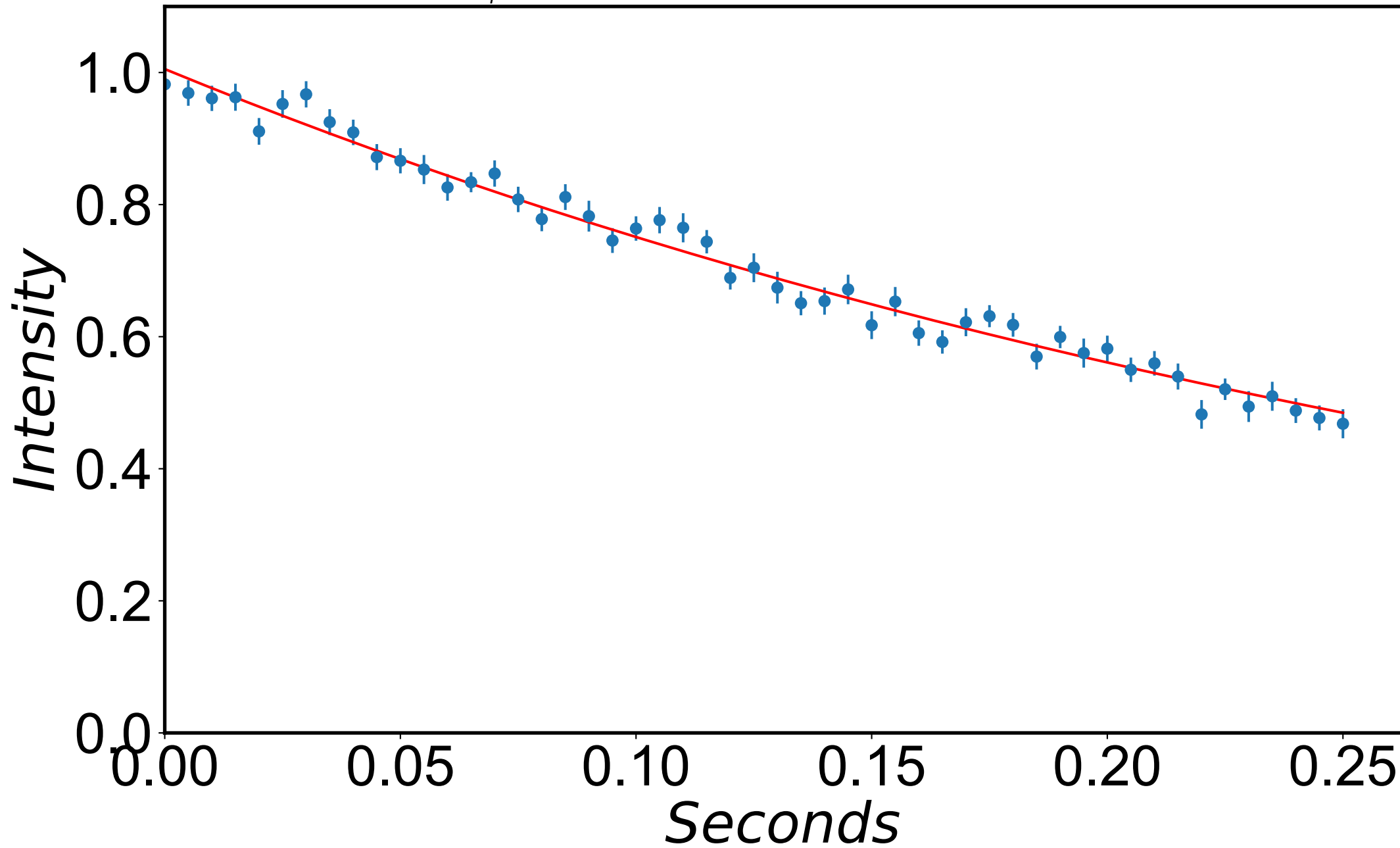
$$R_{1\rho} = 3.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 960 \text{ Hz}$$



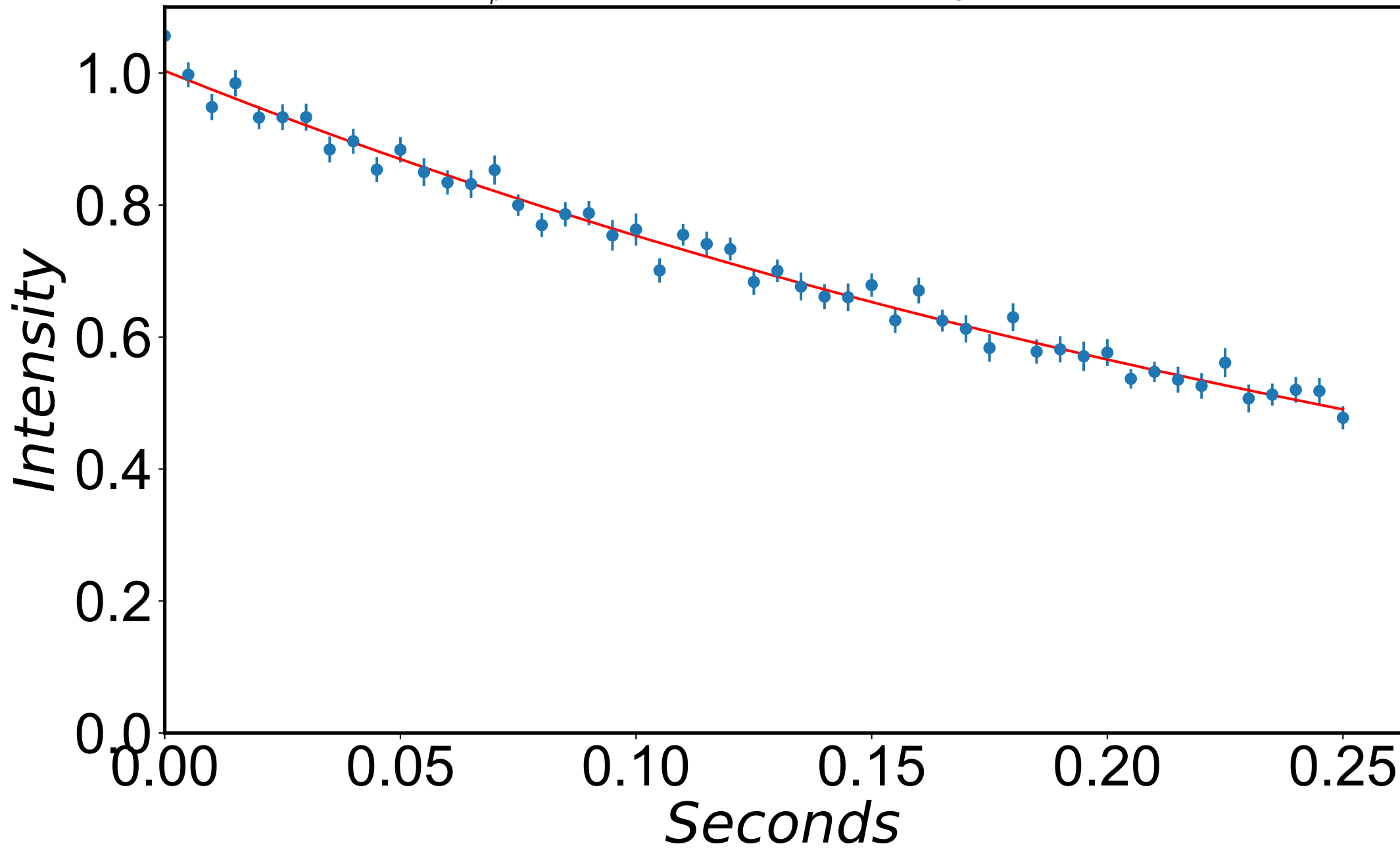
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 970 \text{ Hz}$$



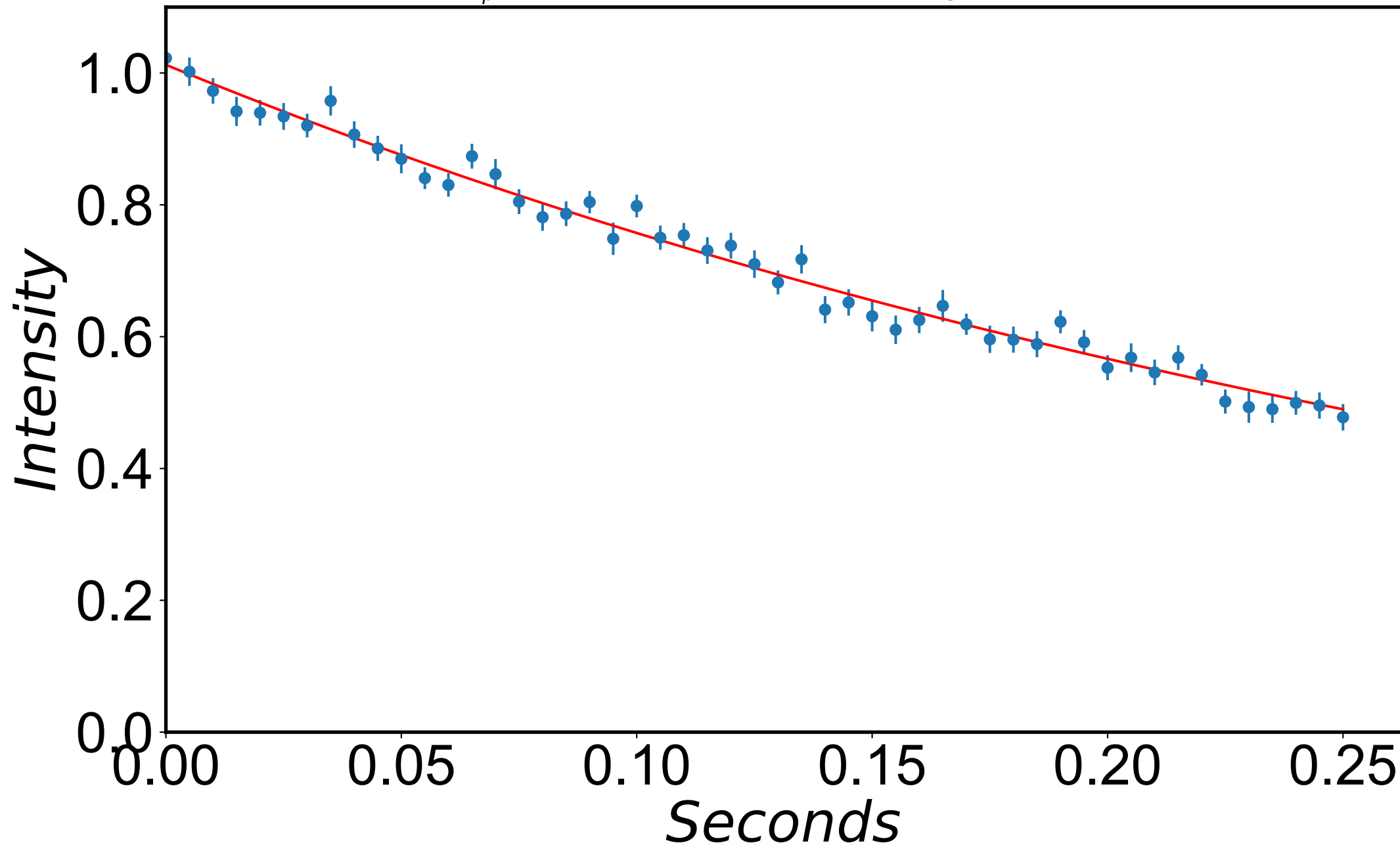
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 980 \text{ Hz}$$



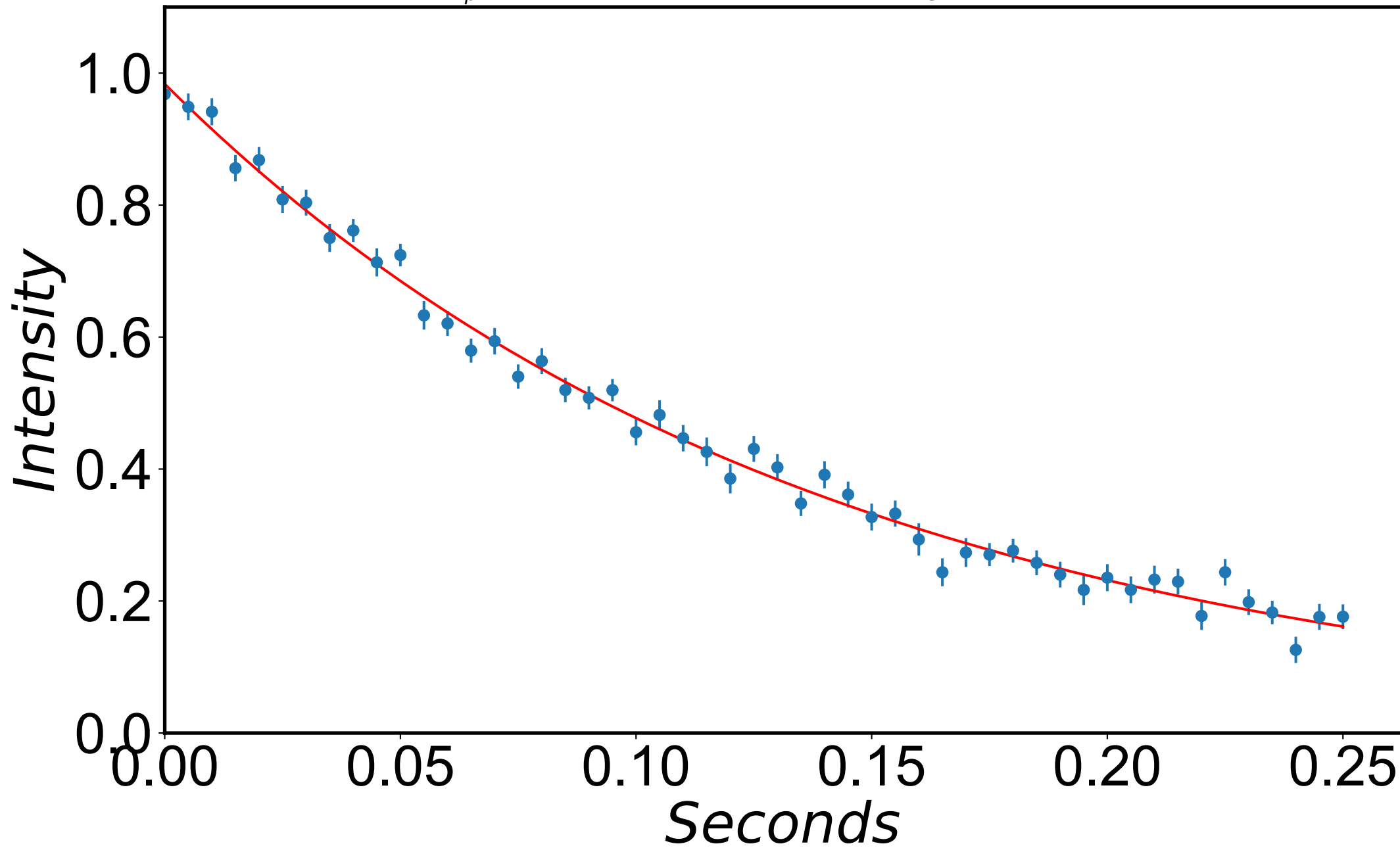
$$R_{1\rho} = 2.9 \pm 0.0 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 990 \text{ Hz}$$



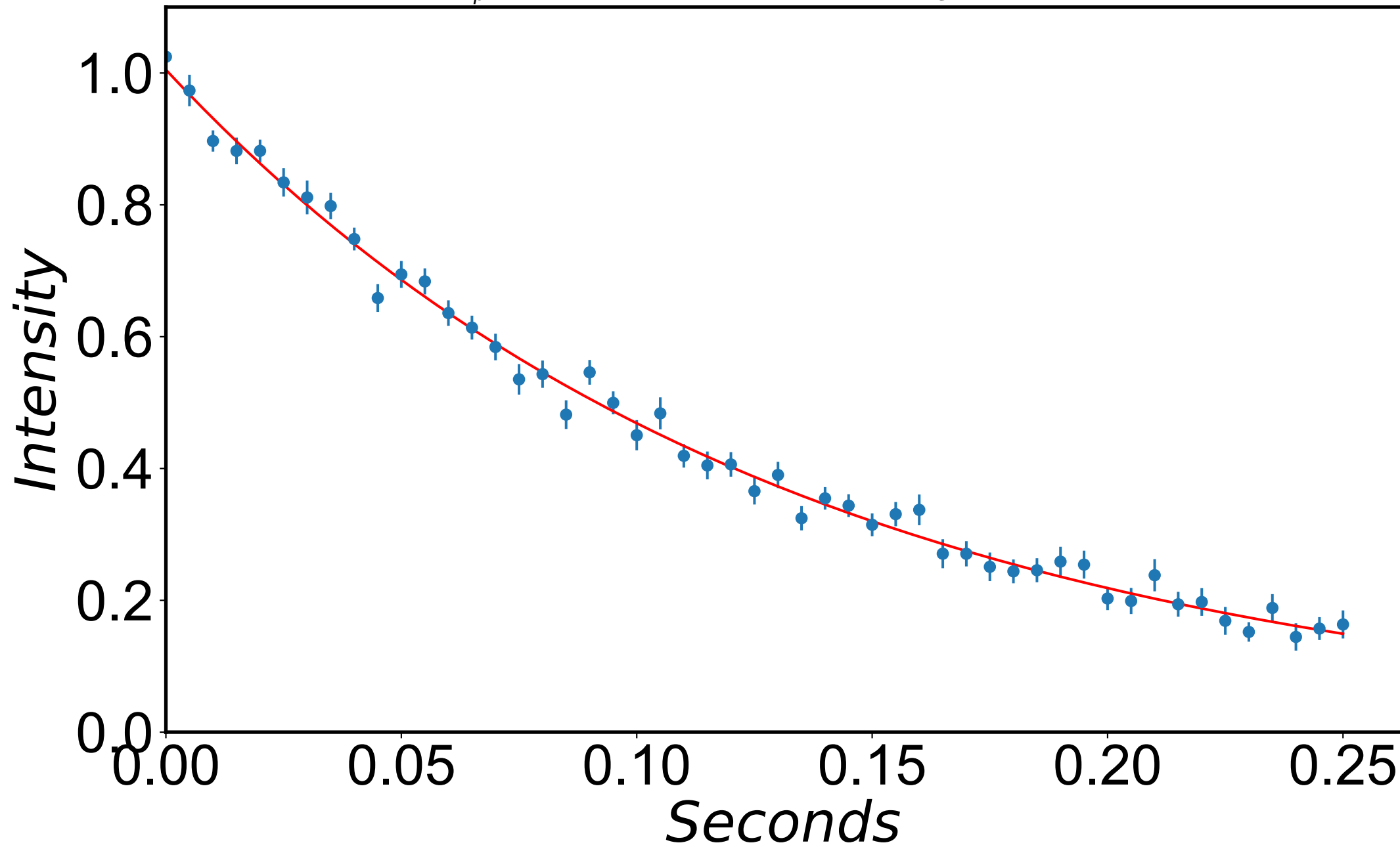
$$R_{1\rho} = 2.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 200 \text{ Hz} \quad \Omega_{\text{eff}} = 1000 \text{ Hz}$$



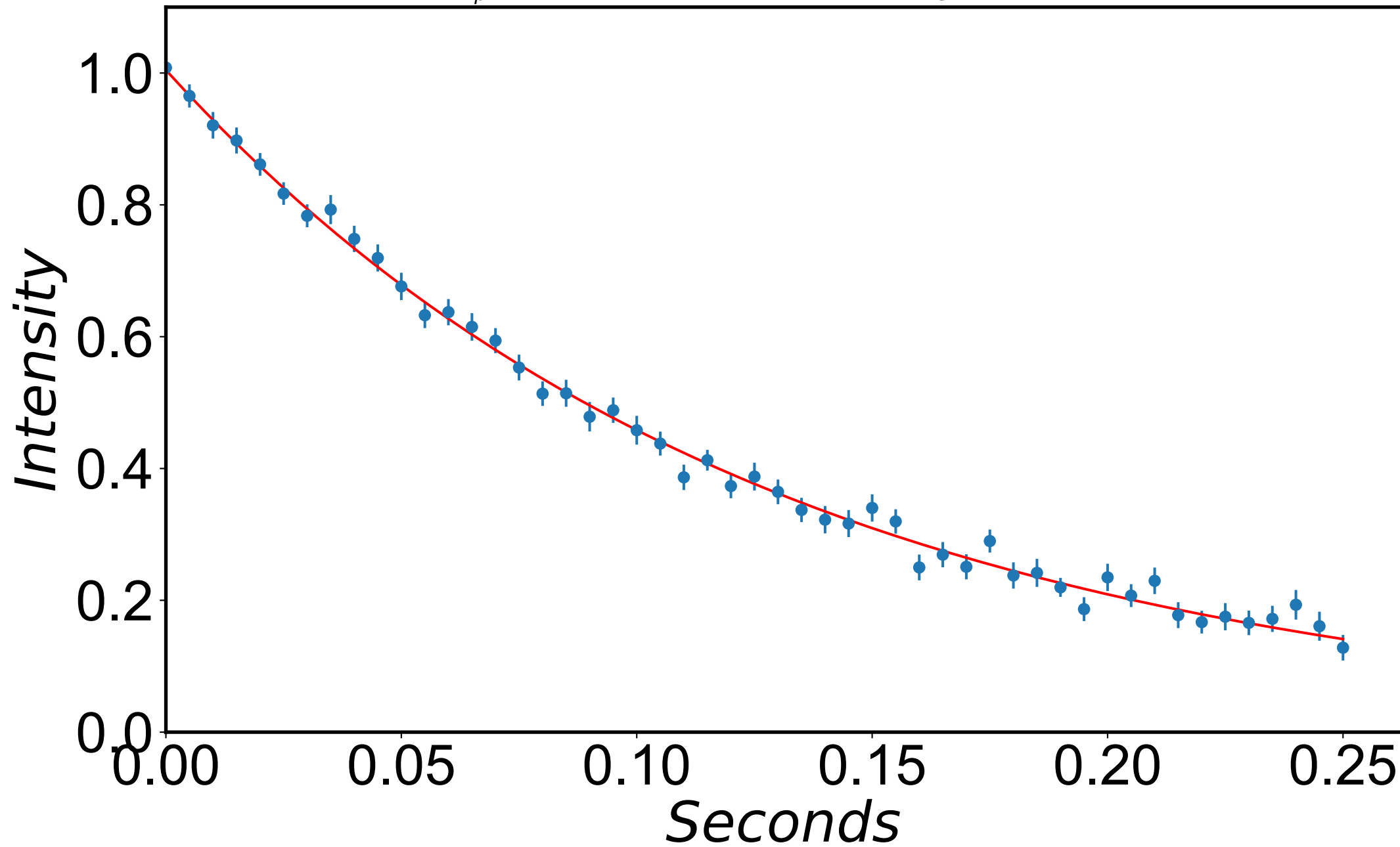
$$R_{1\rho} = 7.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -1000 \text{ Hz}$$



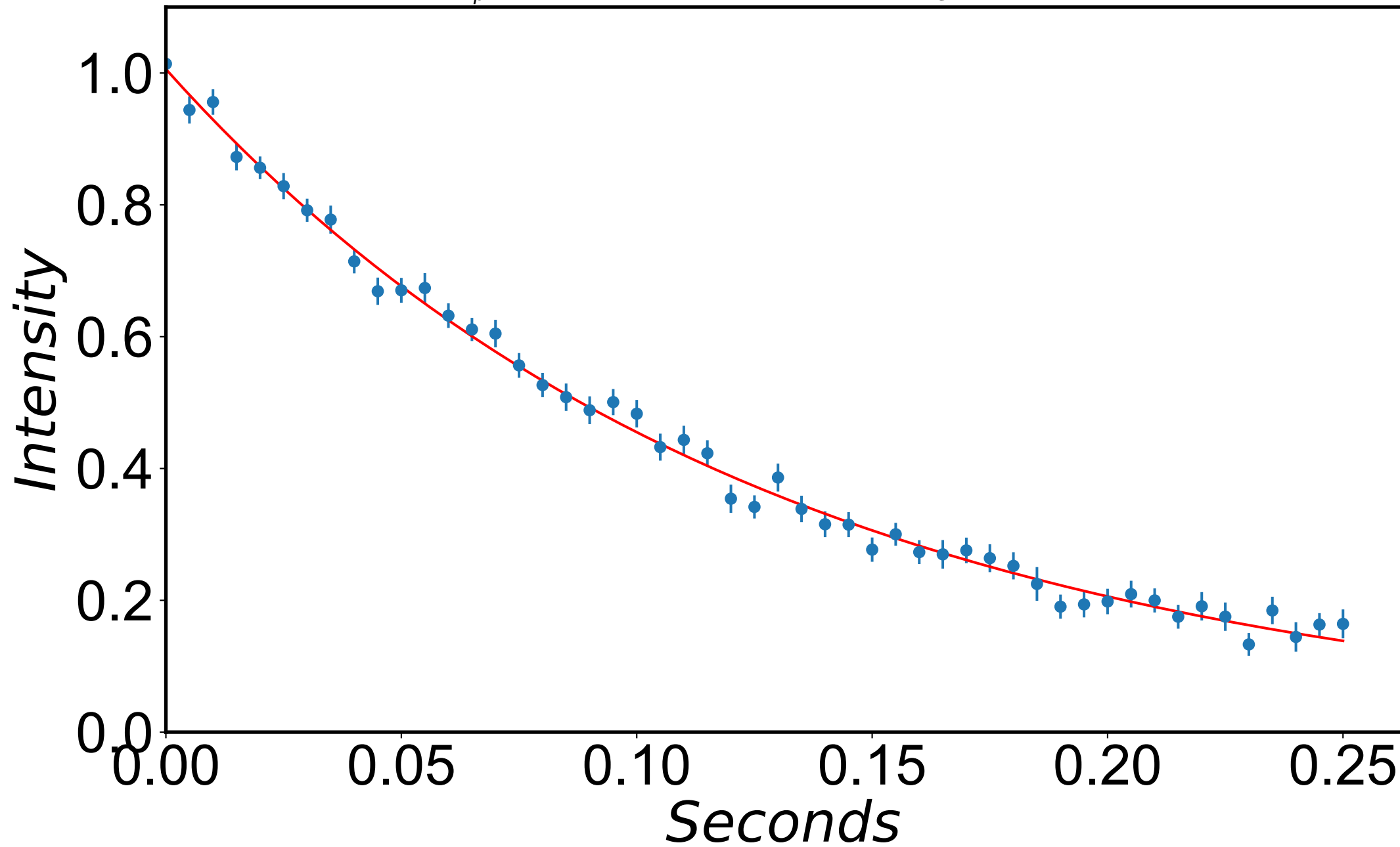
$$R_{1\rho} = 7.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -990 \text{ Hz}$$



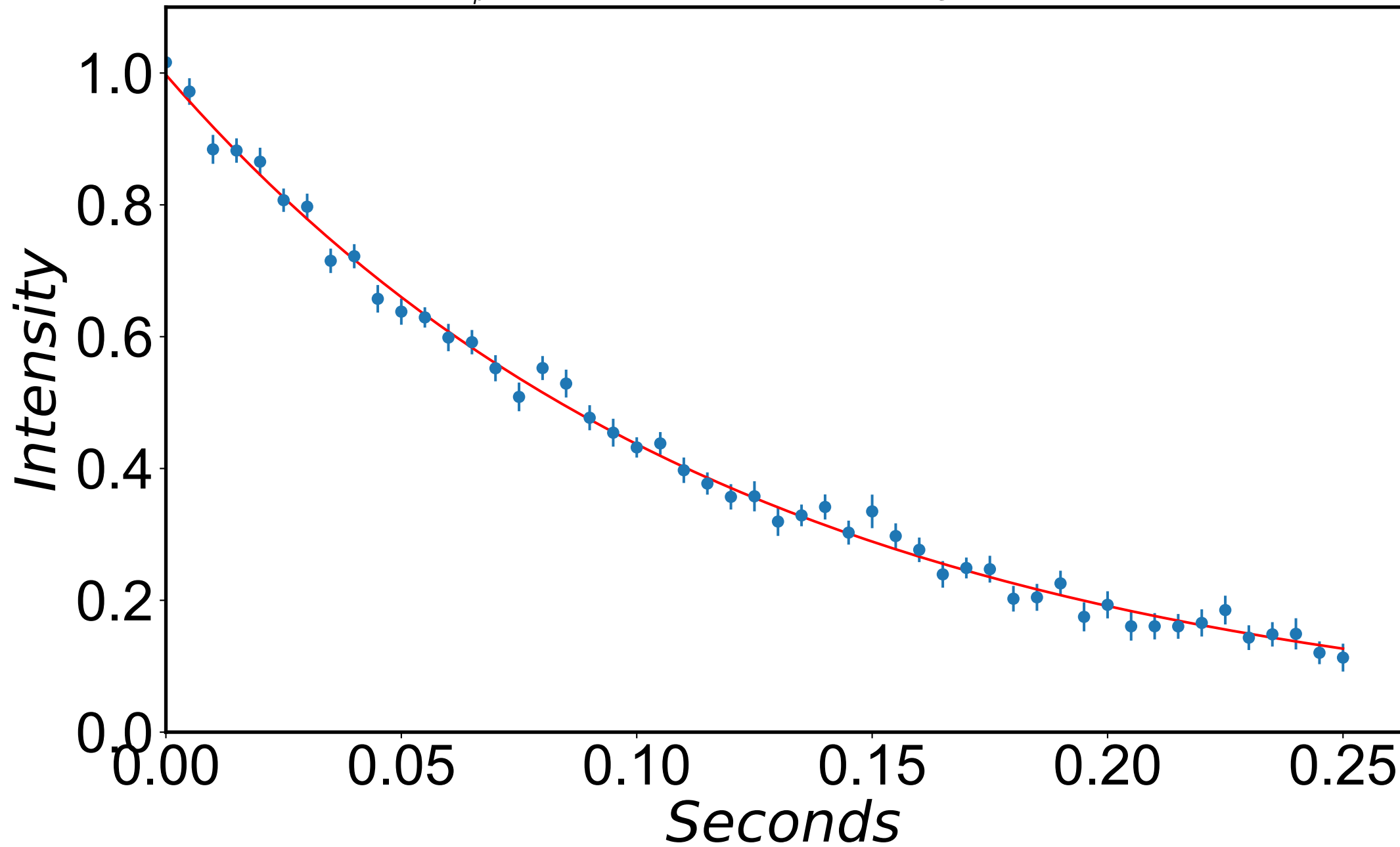
$$R_{1\rho} = 7.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -980 \text{ Hz}$$



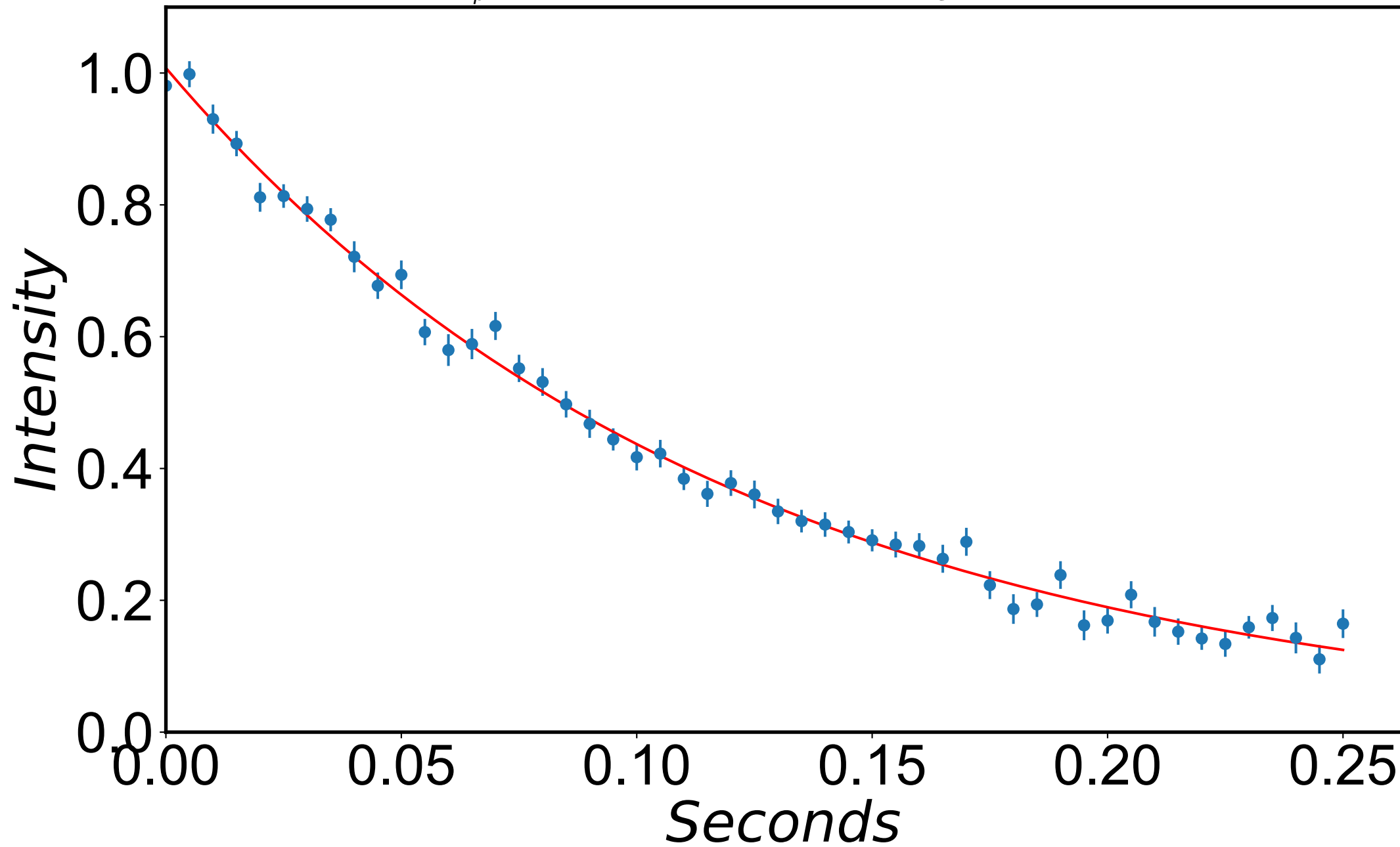
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -970 \text{ Hz}$$



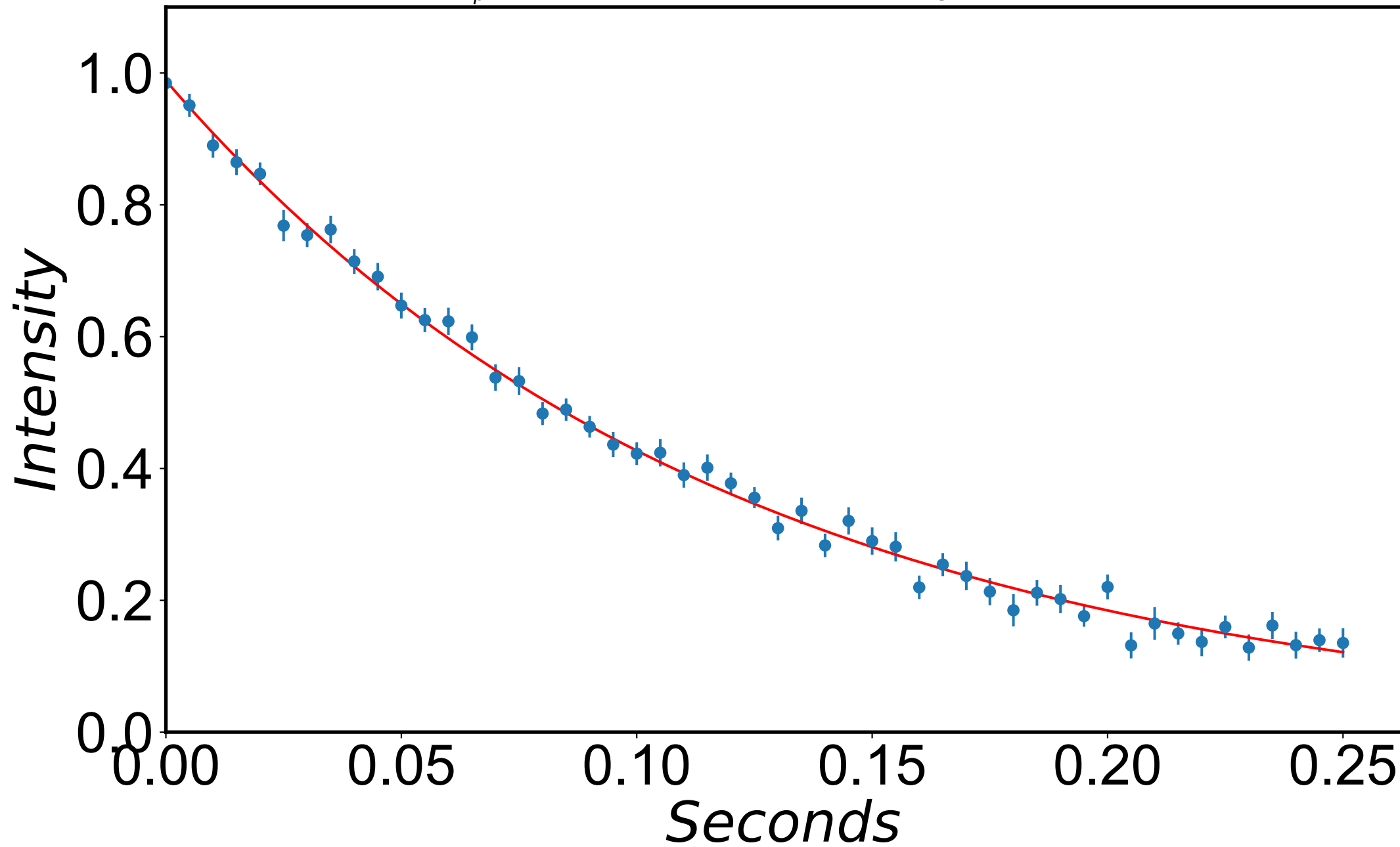
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -960 \text{ Hz}$$



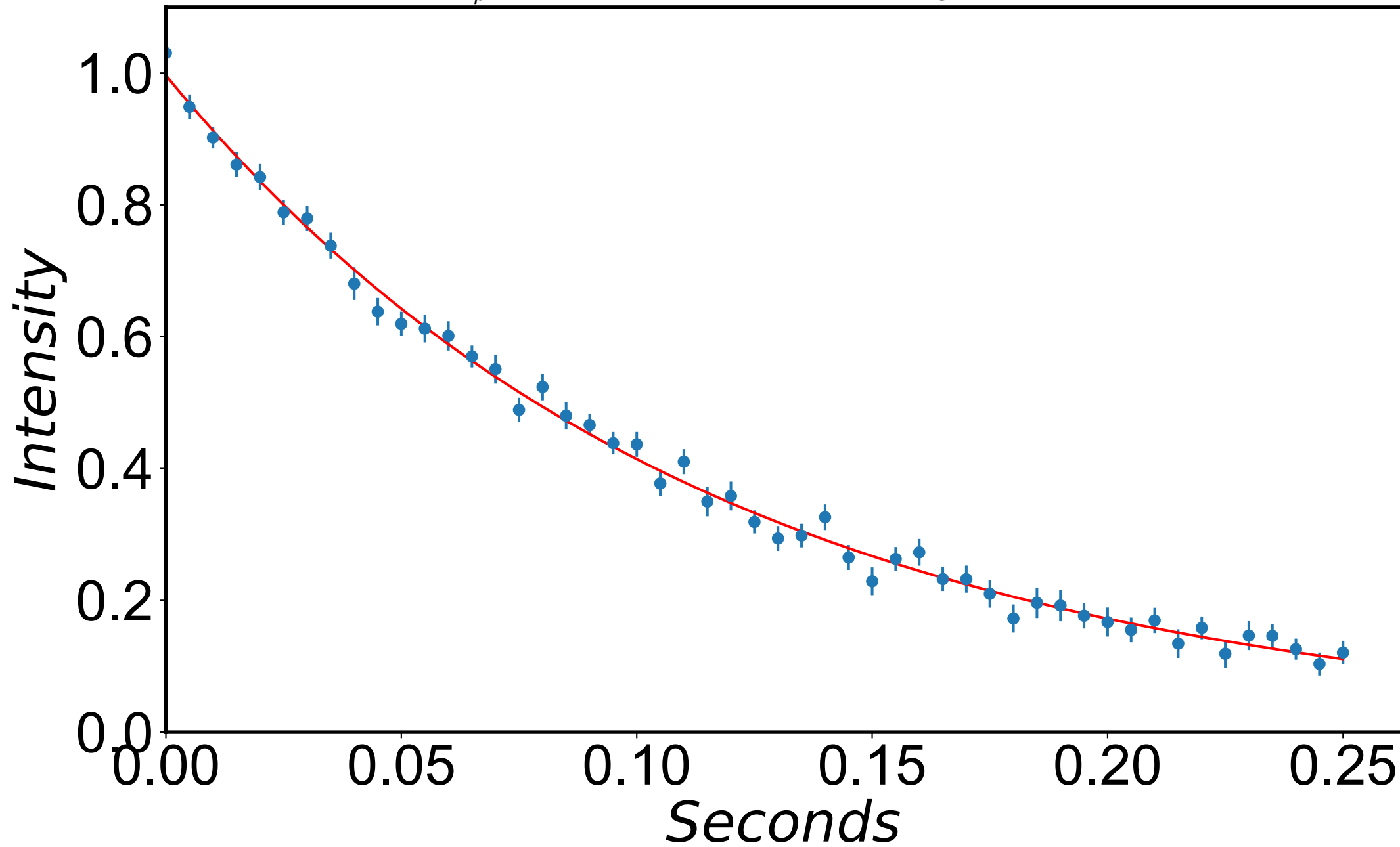
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -950 \text{ Hz}$$



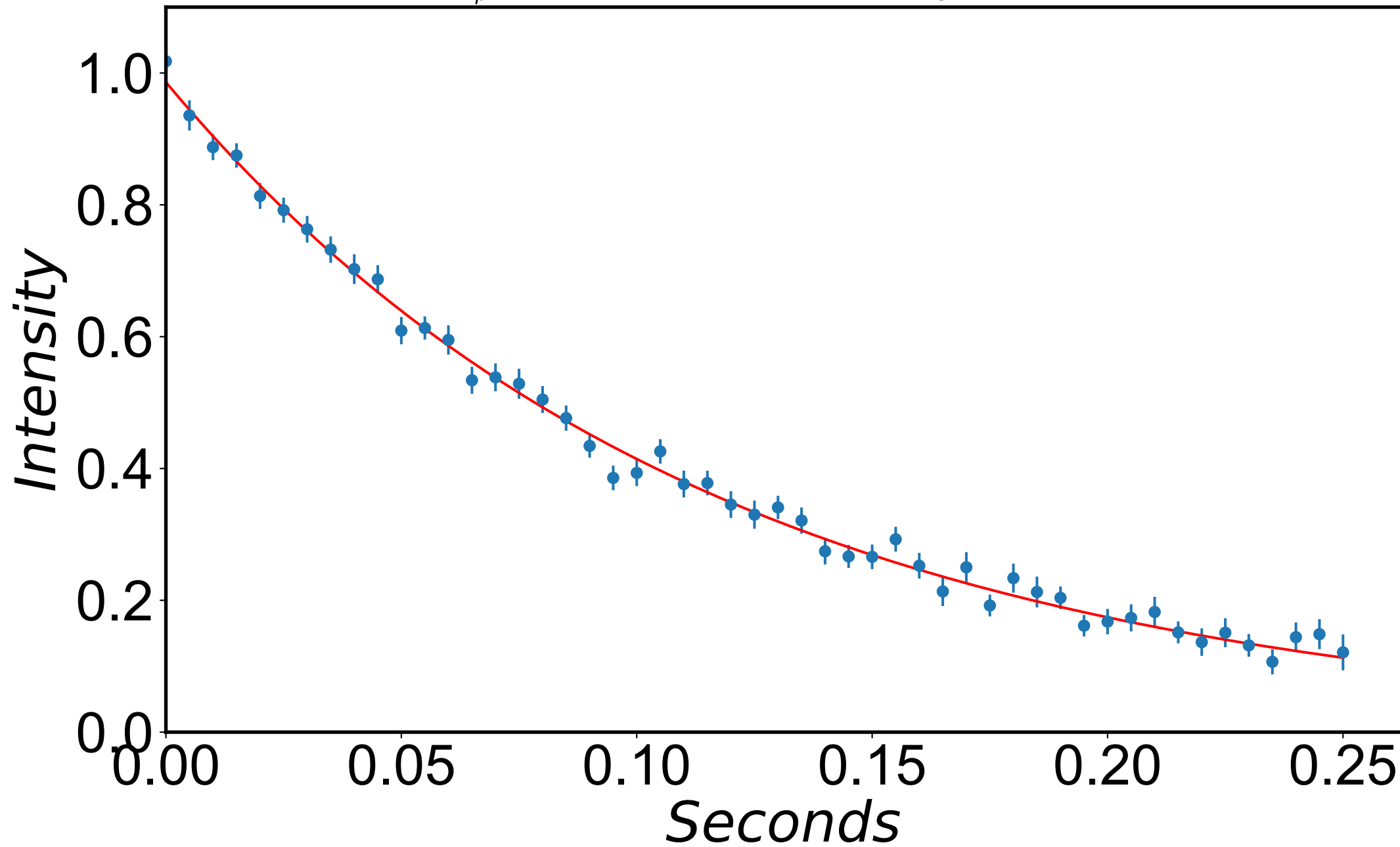
$$R_{1\rho} = 8.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -940 \text{ Hz}$$



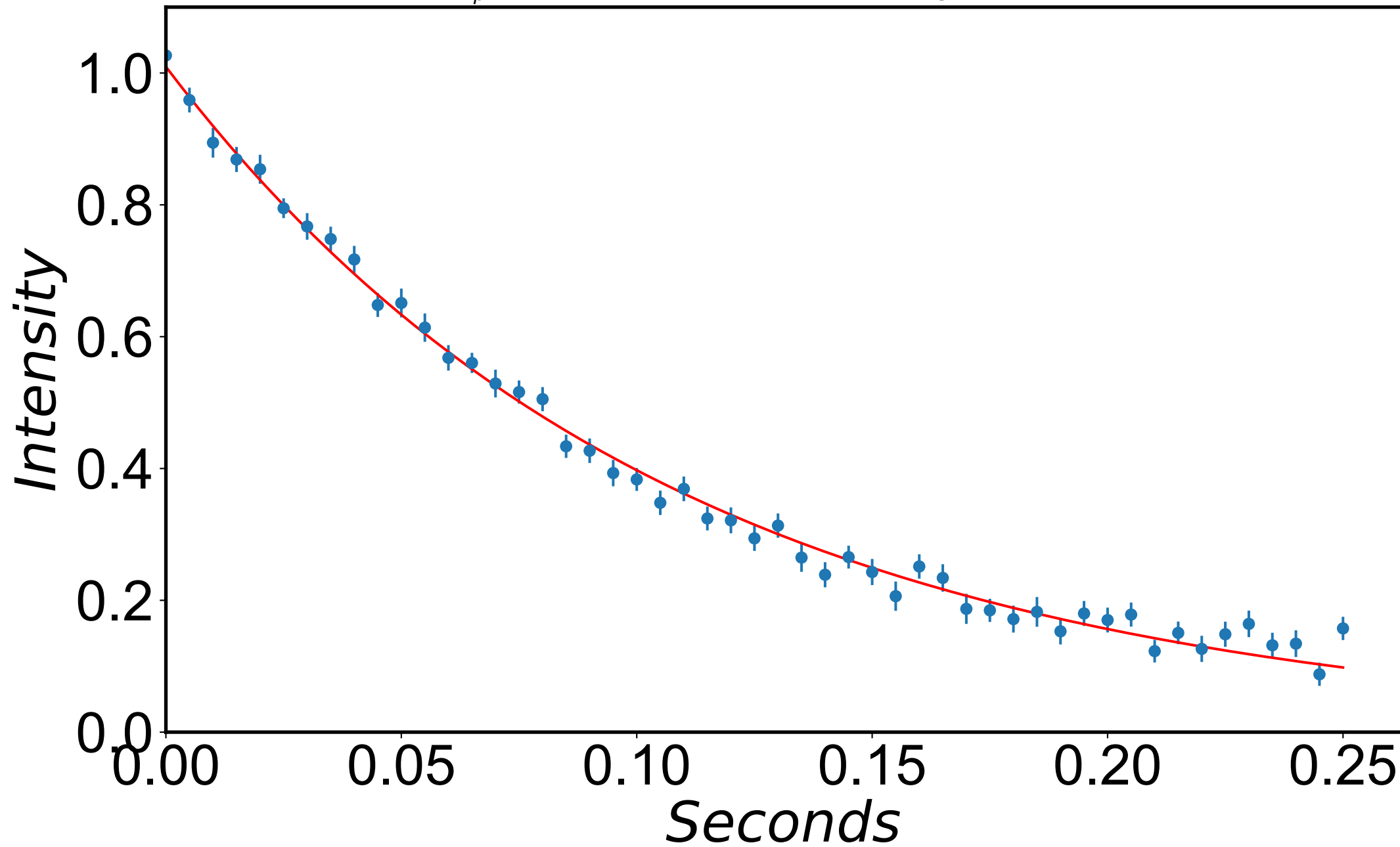
$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -930 \text{ Hz}$$



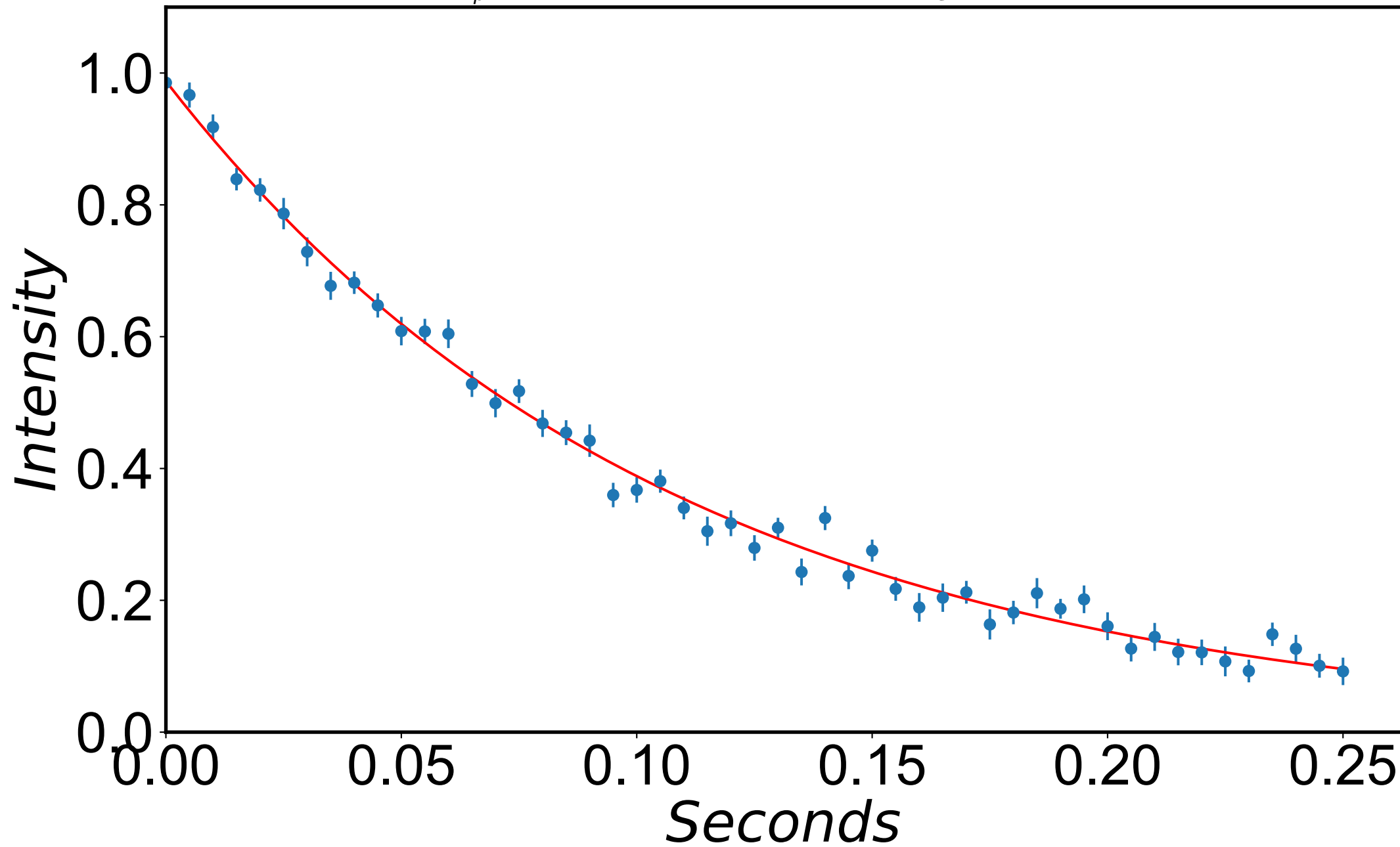
$$R_{1\rho} = 8.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -920 \text{ Hz}$$



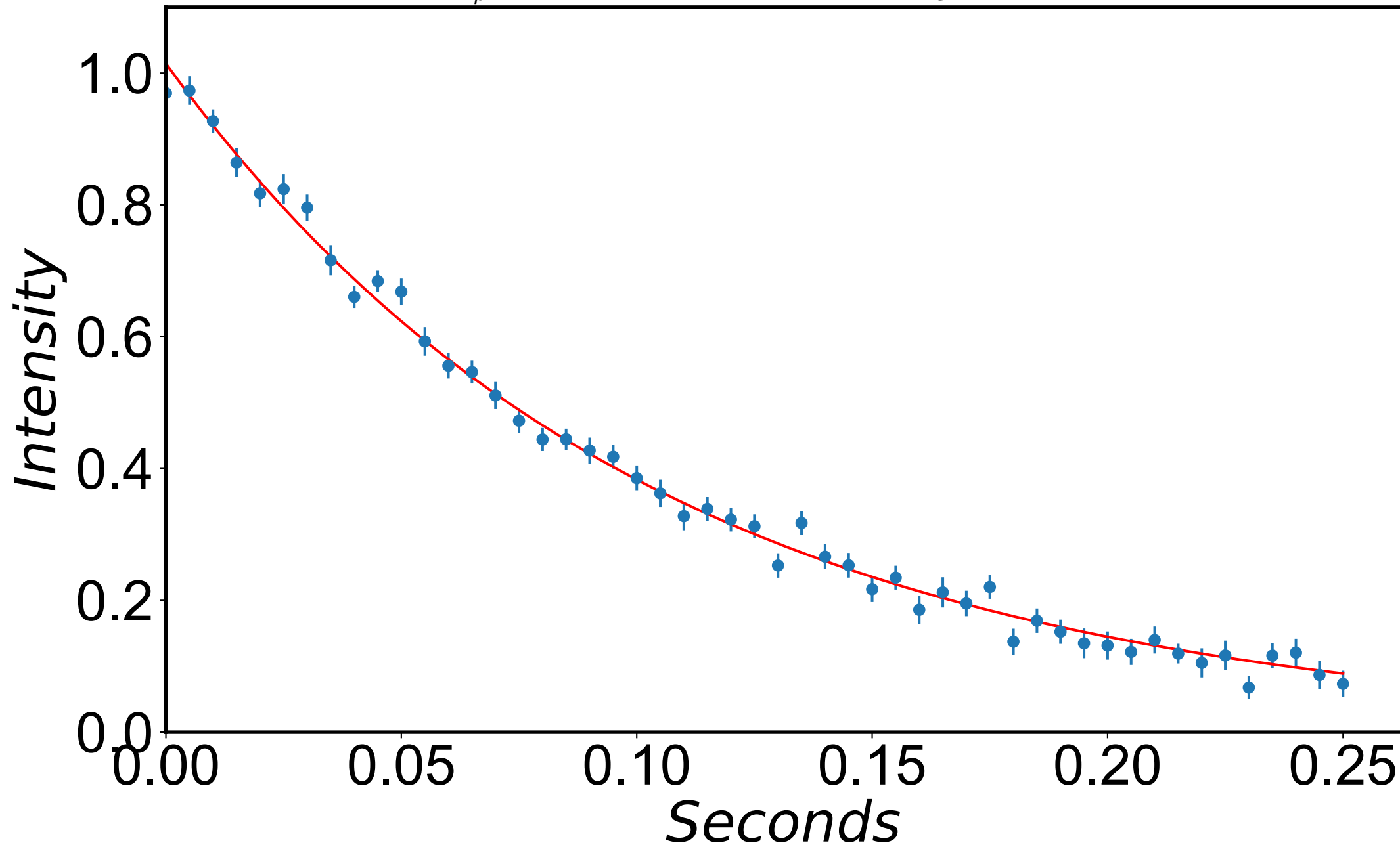
$$R_{1\rho} = 9.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -910 \text{ Hz}$$



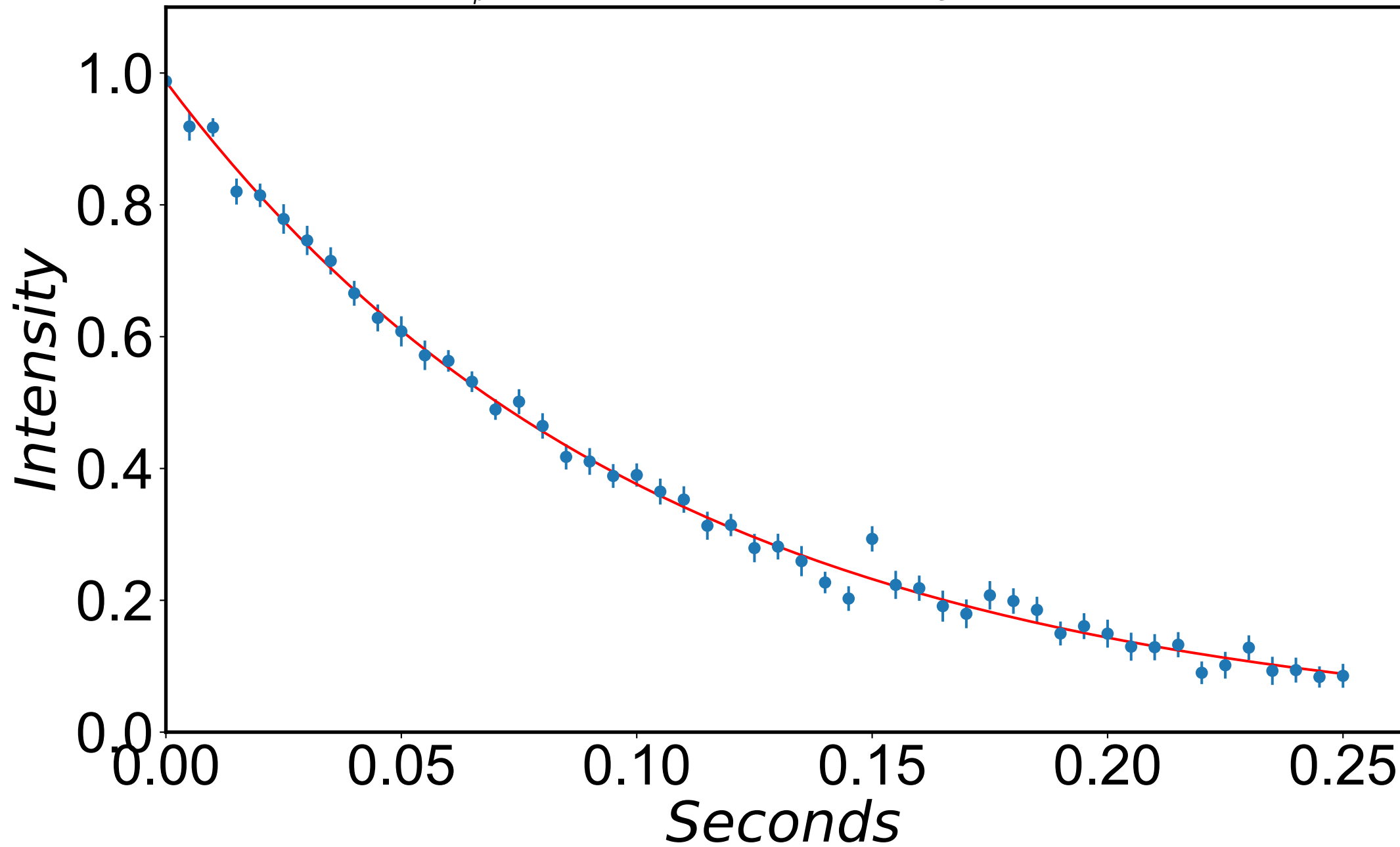
$$R_{1\rho} = 9.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -899 \text{ Hz}$$



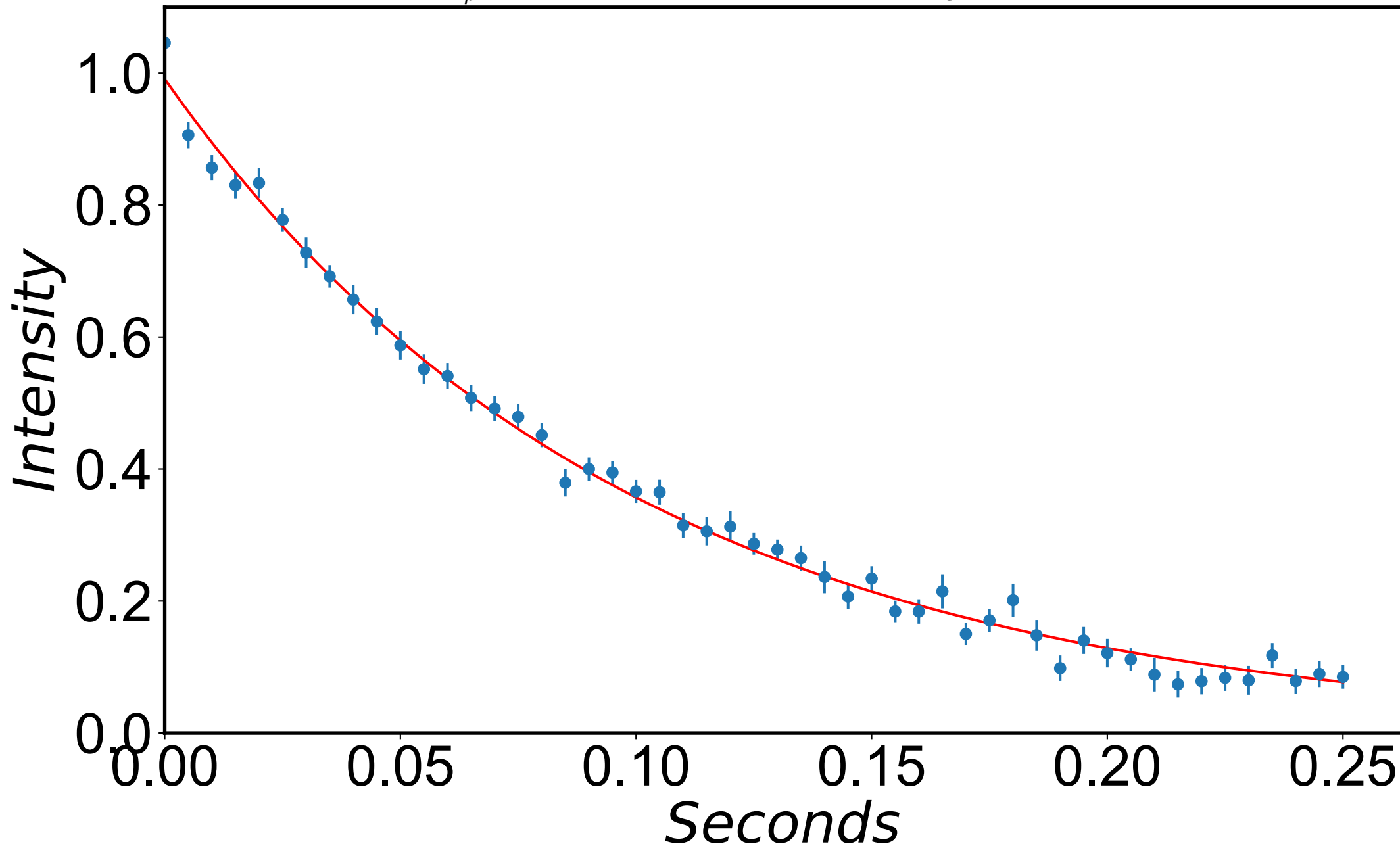
$$R_{1\rho} = 9.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -889 \text{ Hz}$$



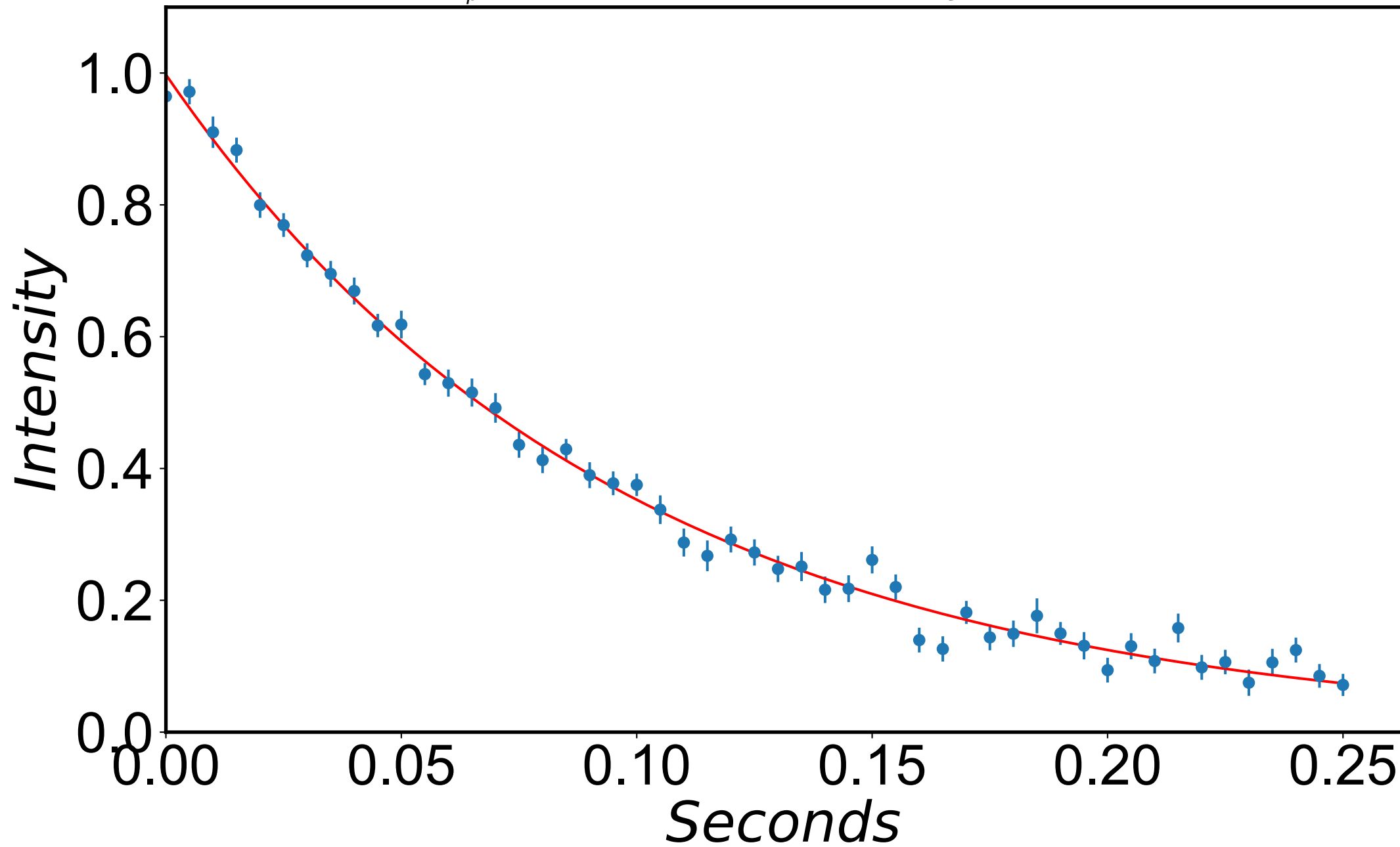
$$R_{1\rho} = 9.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -879 \text{ Hz}$$



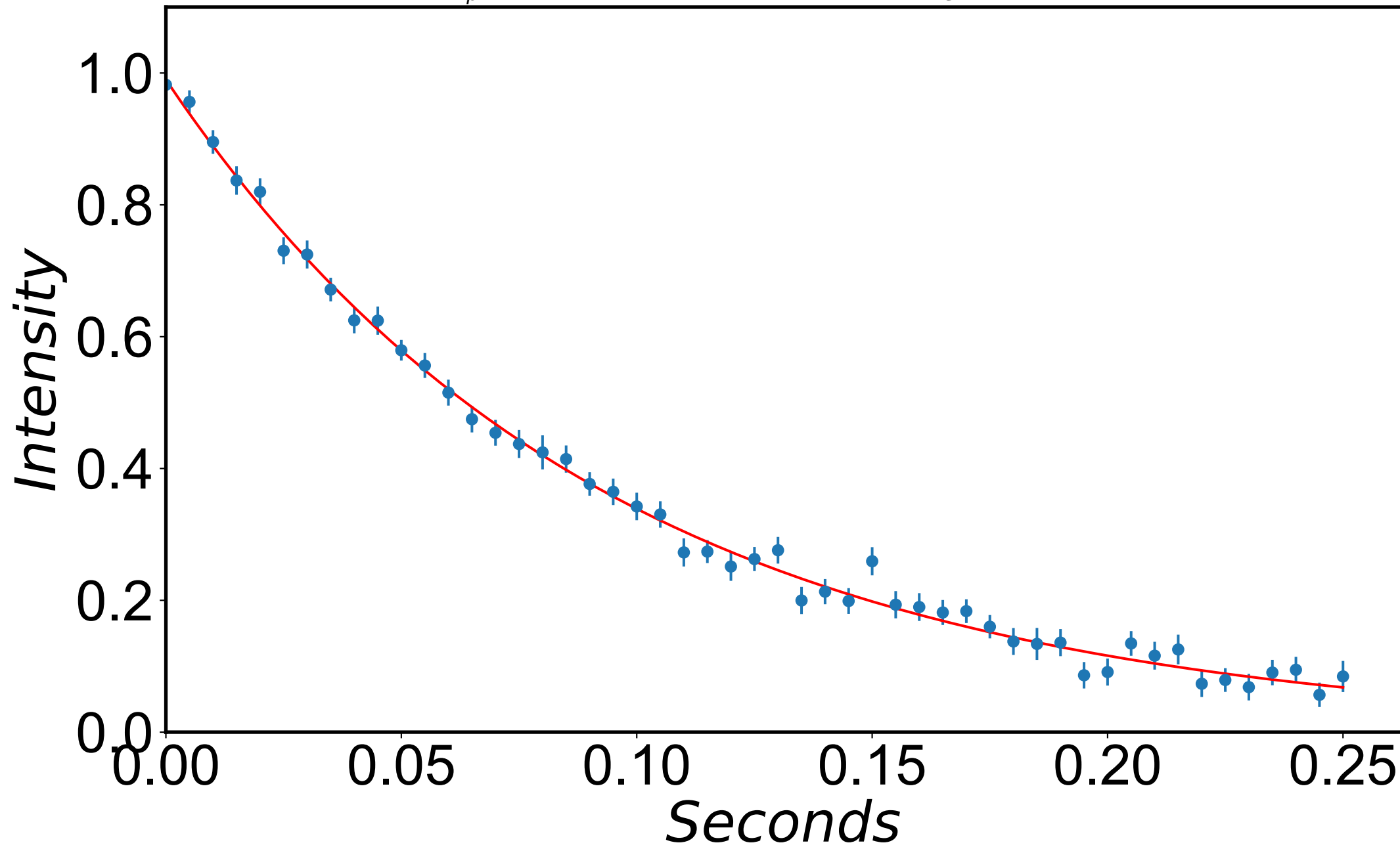
$$R_{1\rho} = 10.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -869 \text{ Hz}$$



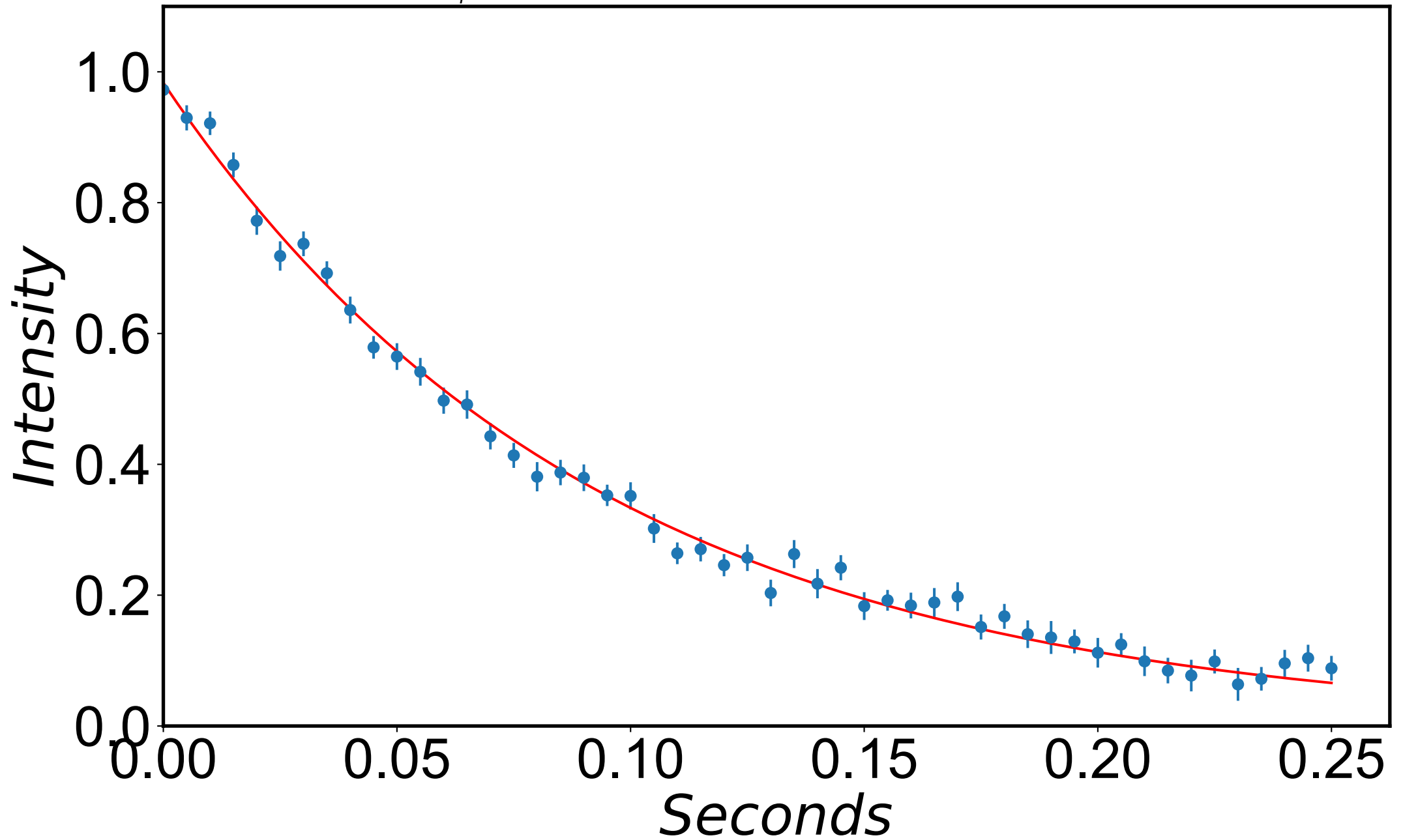
$$R_{1\rho} = 10.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -859 \text{ Hz}$$



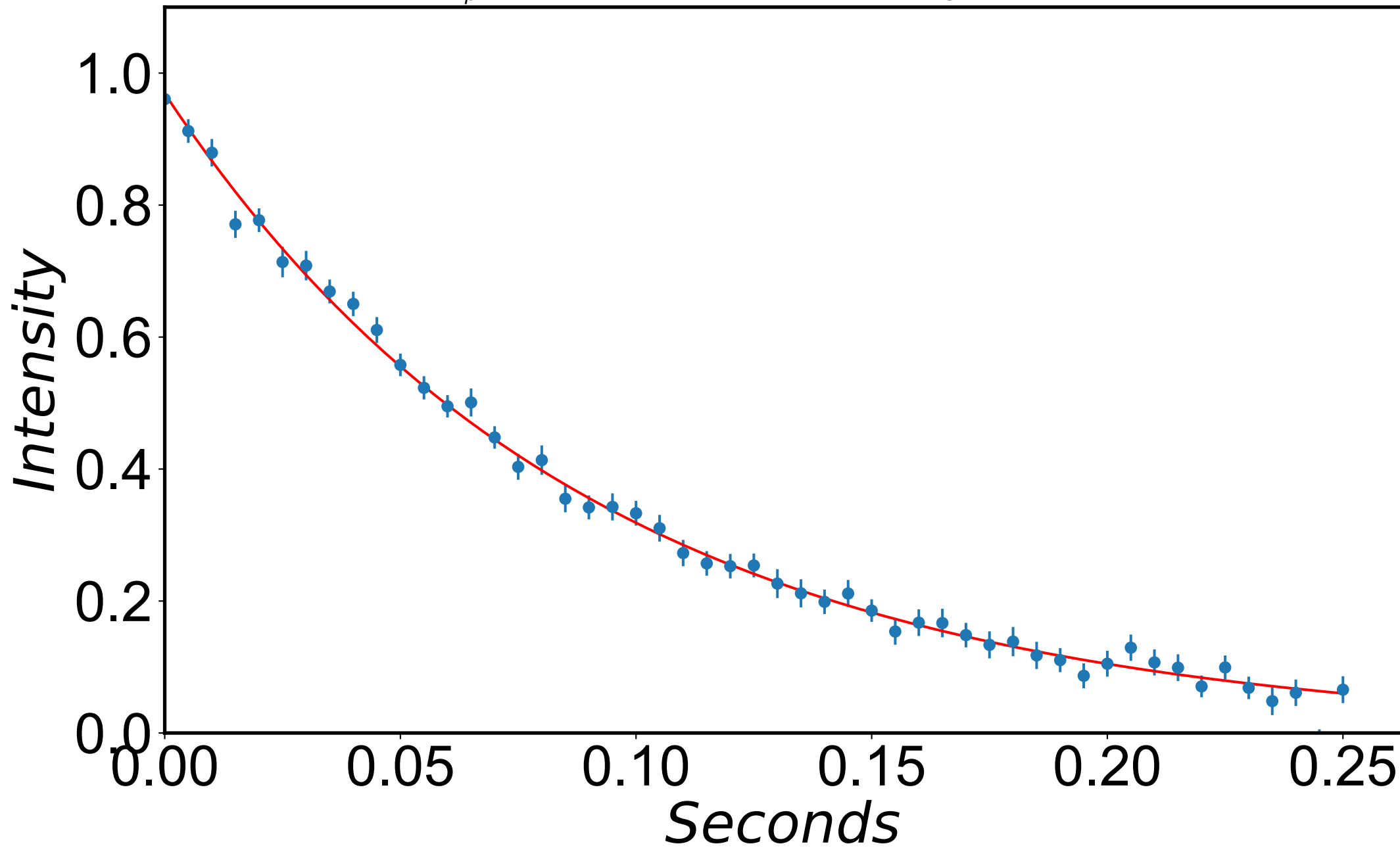
$$R_{1\rho} = 10.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -849 \text{ Hz}$$



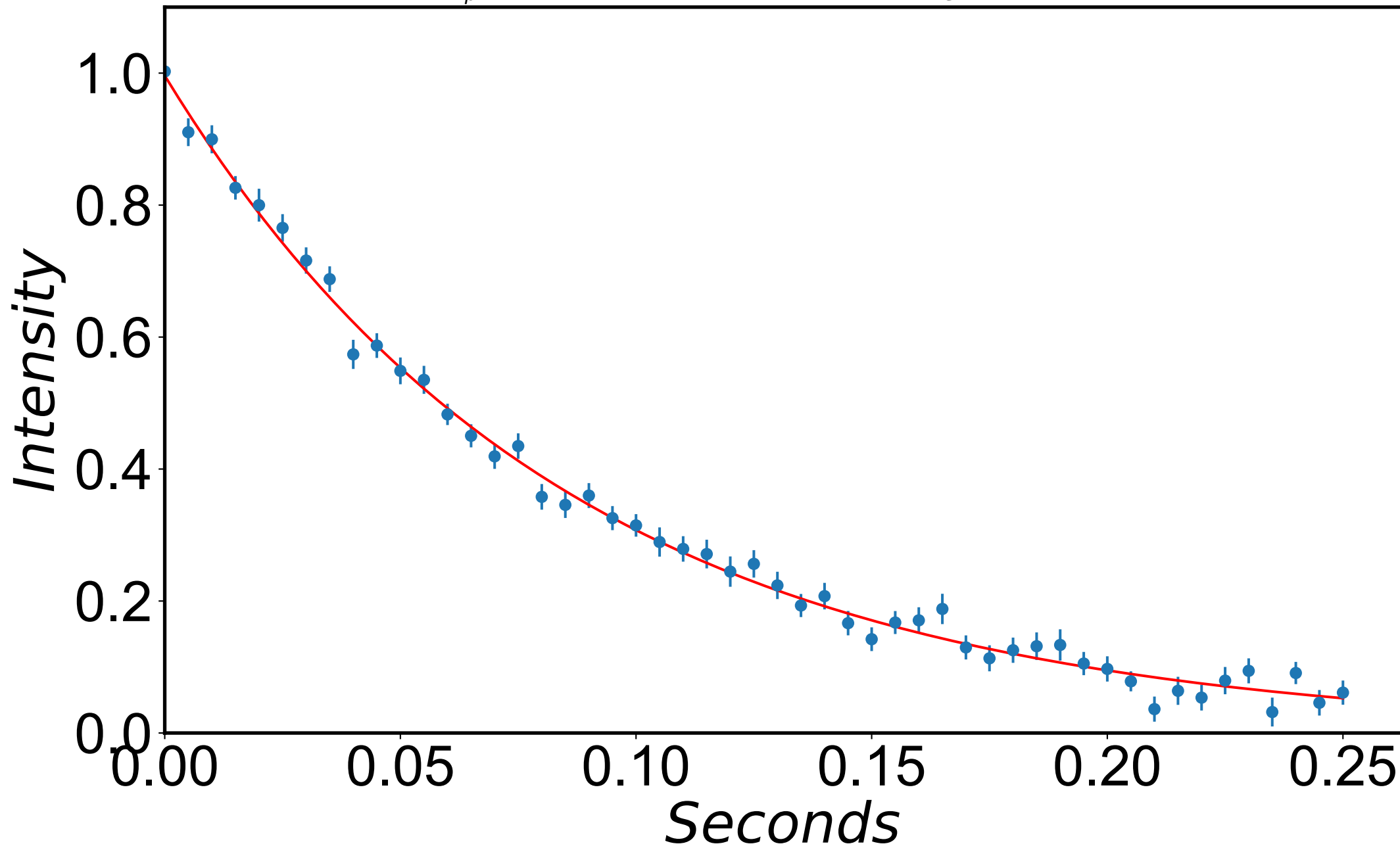
$$R_{1\rho} = 10.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -839 \text{ Hz}$$



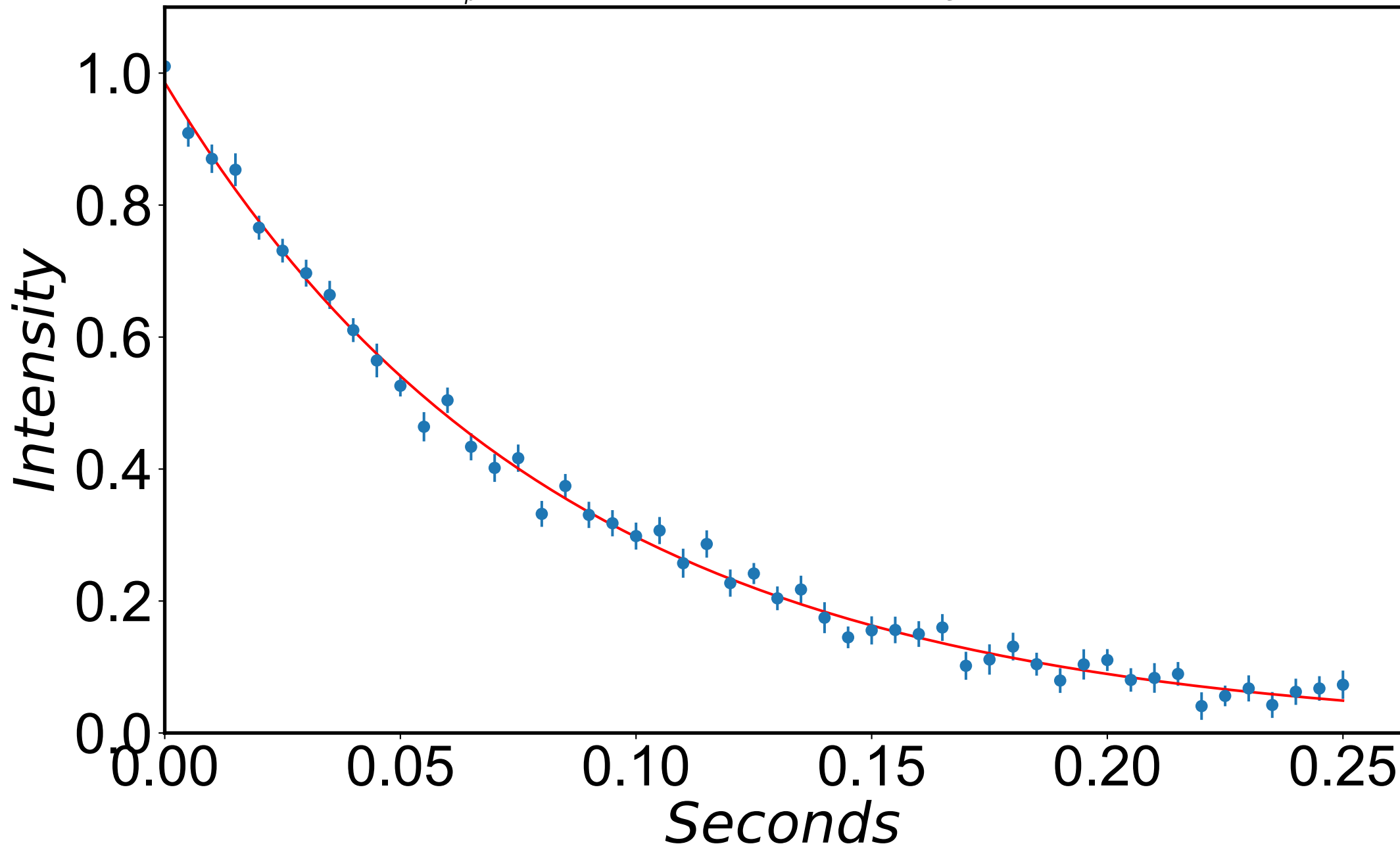
$$R_{1\rho} = 11.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -829 \text{ Hz}$$



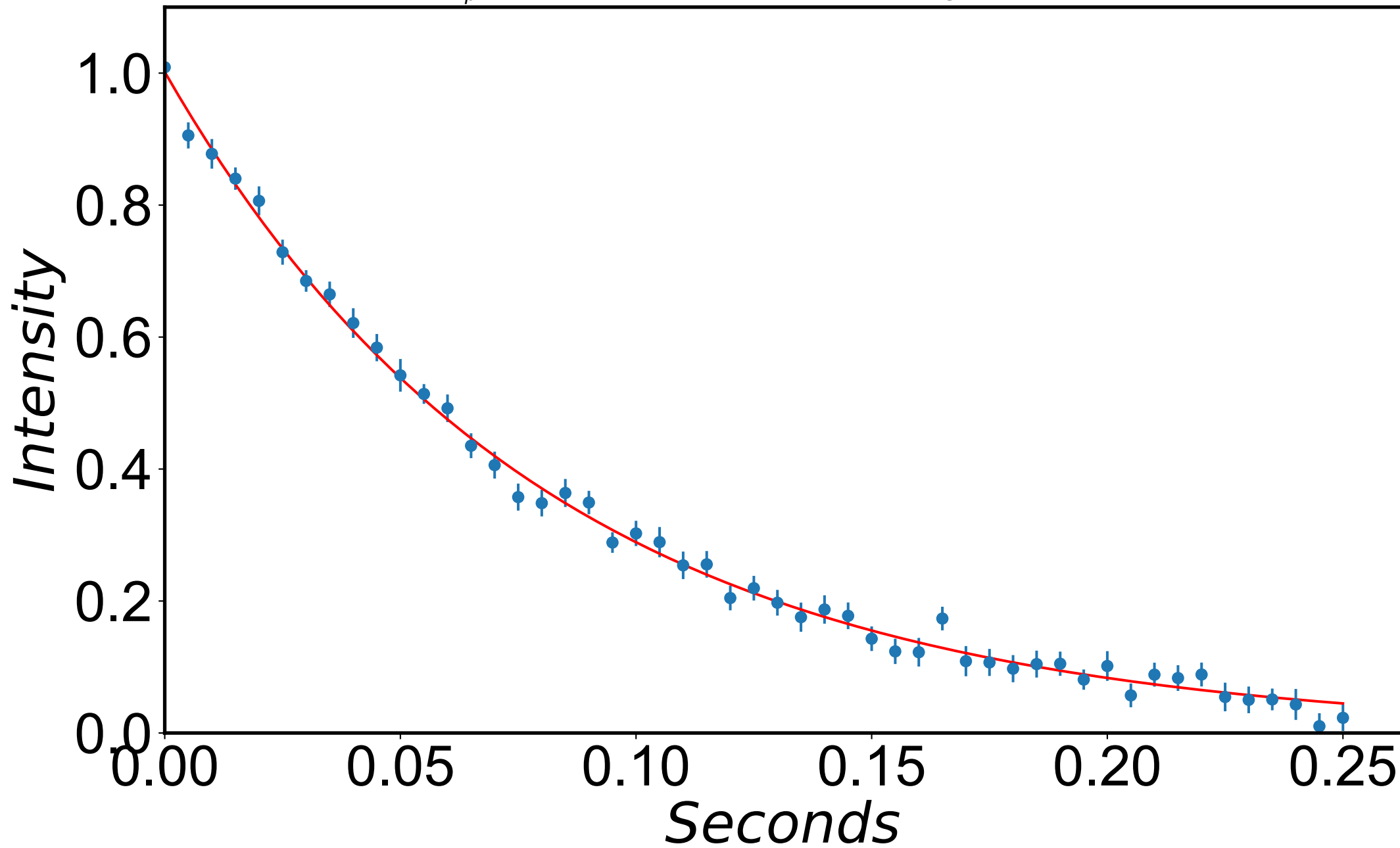
$$R_{1\rho} = 11.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -819 \text{ Hz}$$



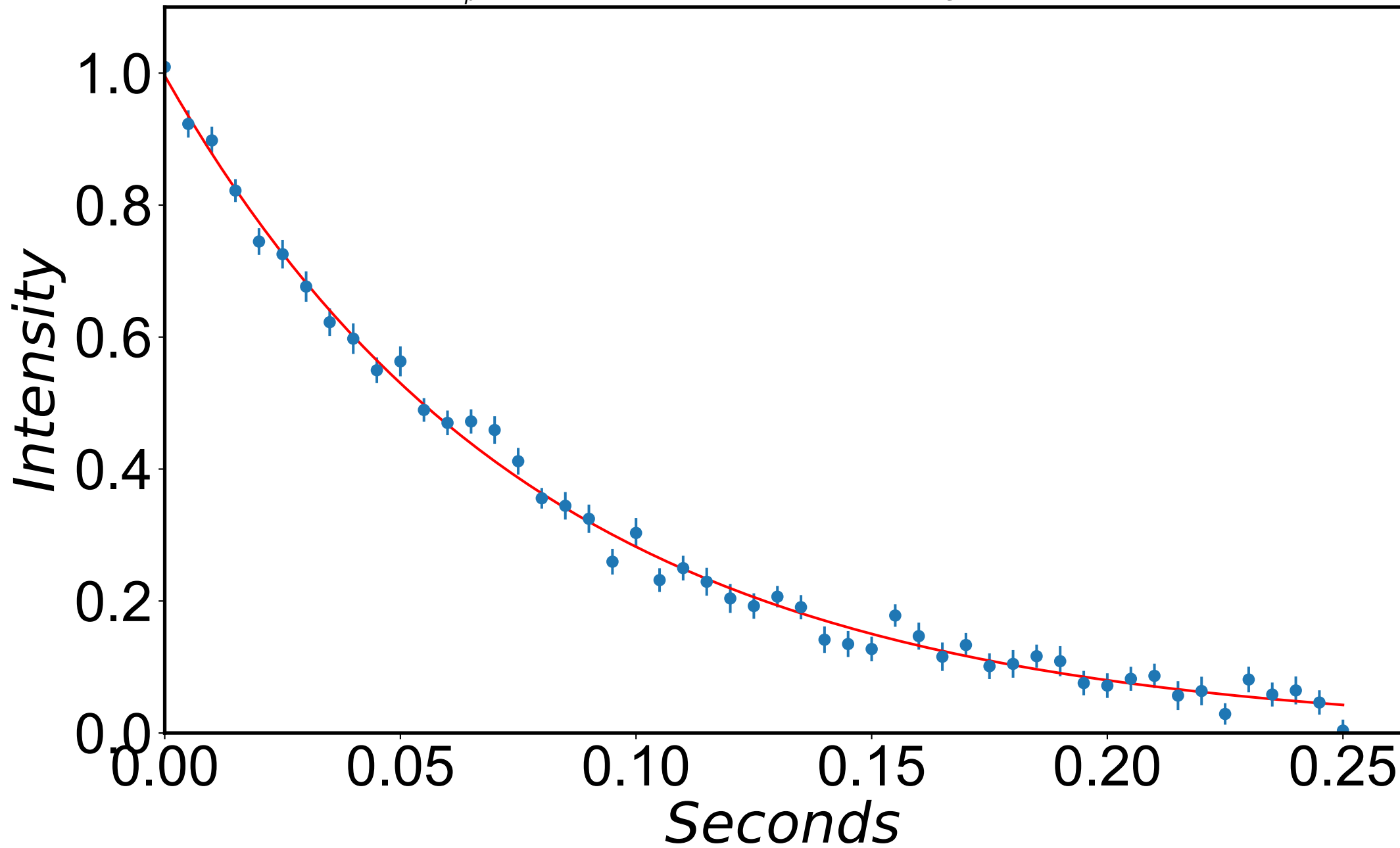
$$R_{1\rho} = 12.0 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -809 \text{ Hz}$$



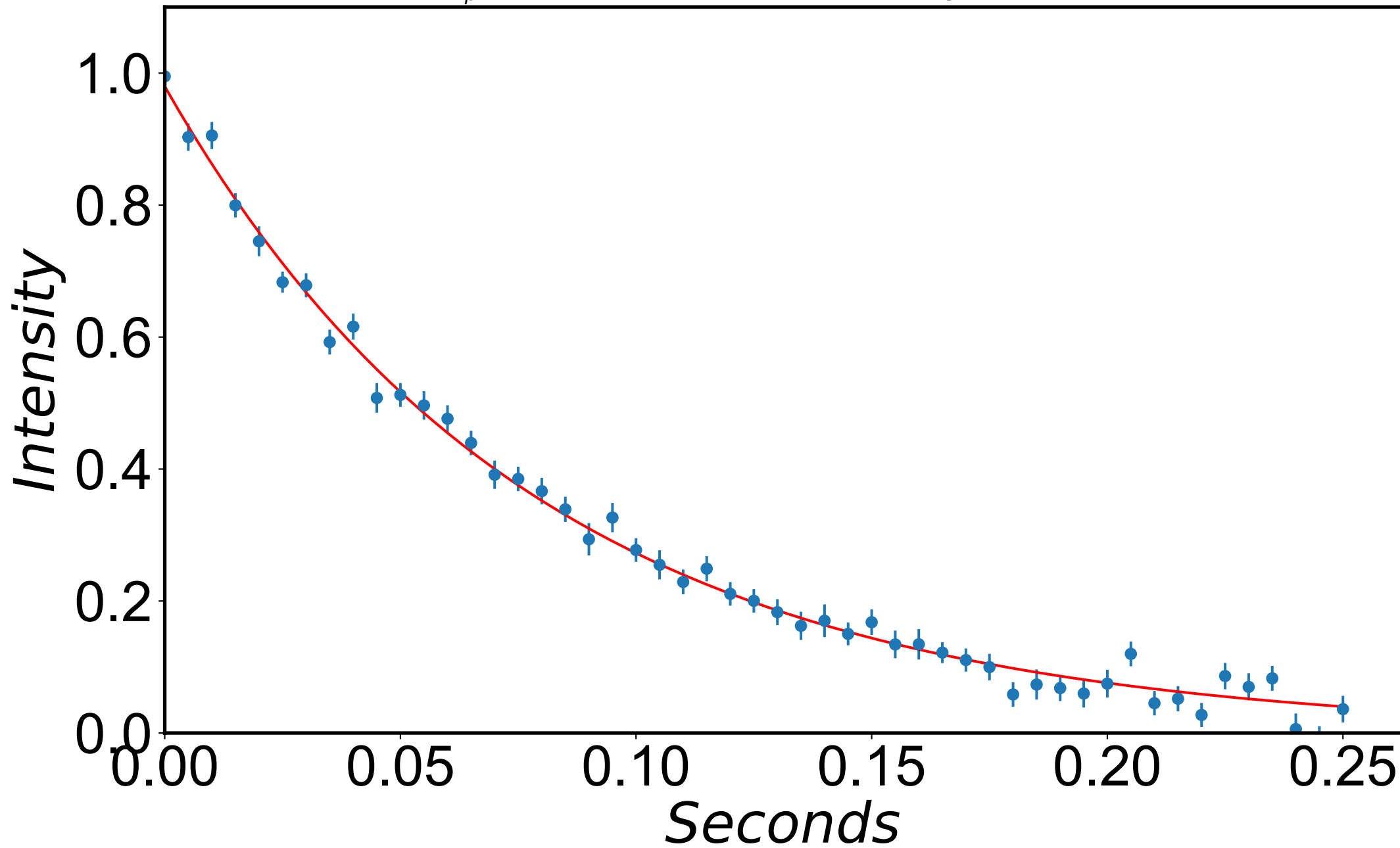
$$R_{1\rho} = 12.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -799 \text{ Hz}$$



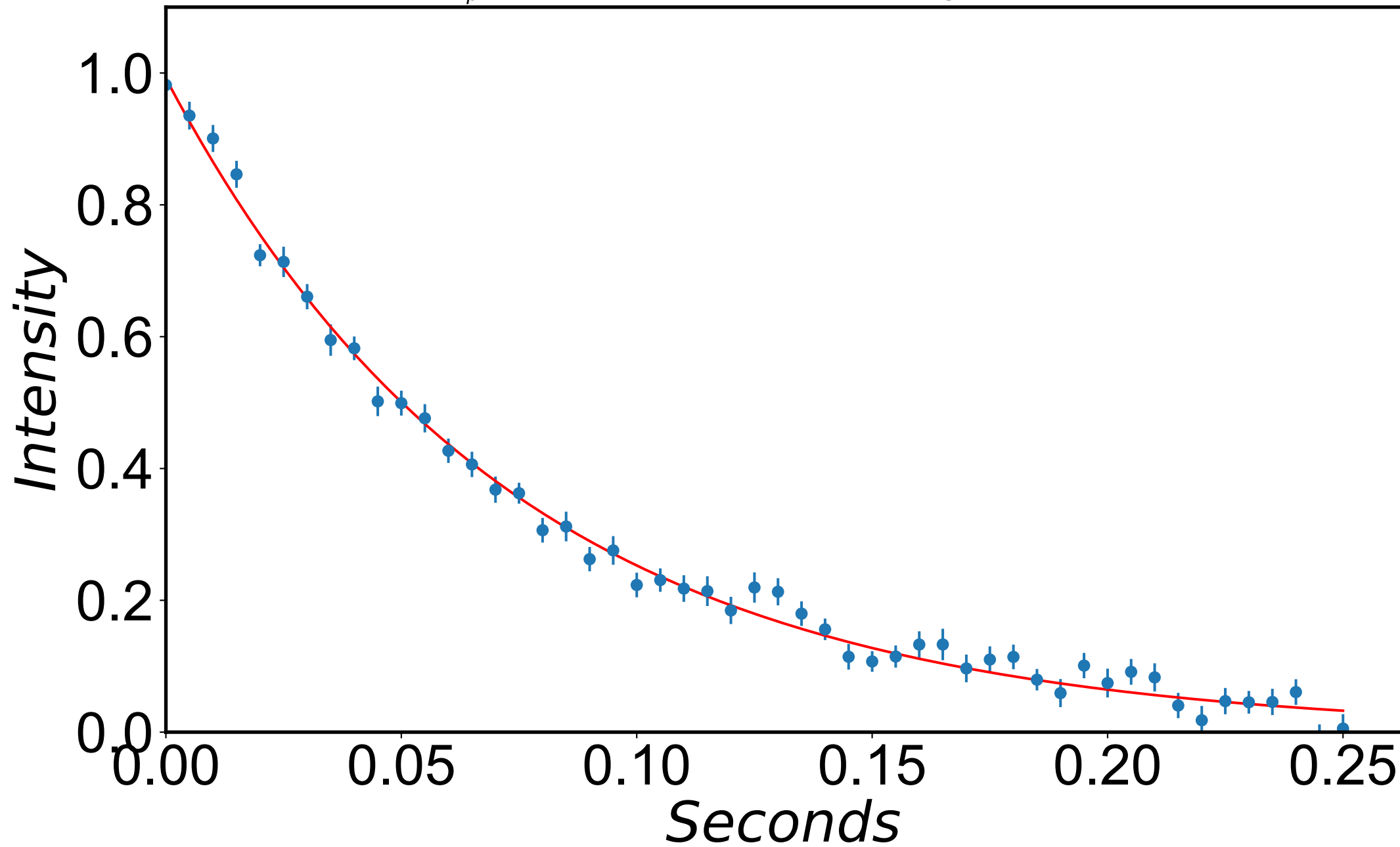
$$R_{1\rho} = 12.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -789 \text{ Hz}$$



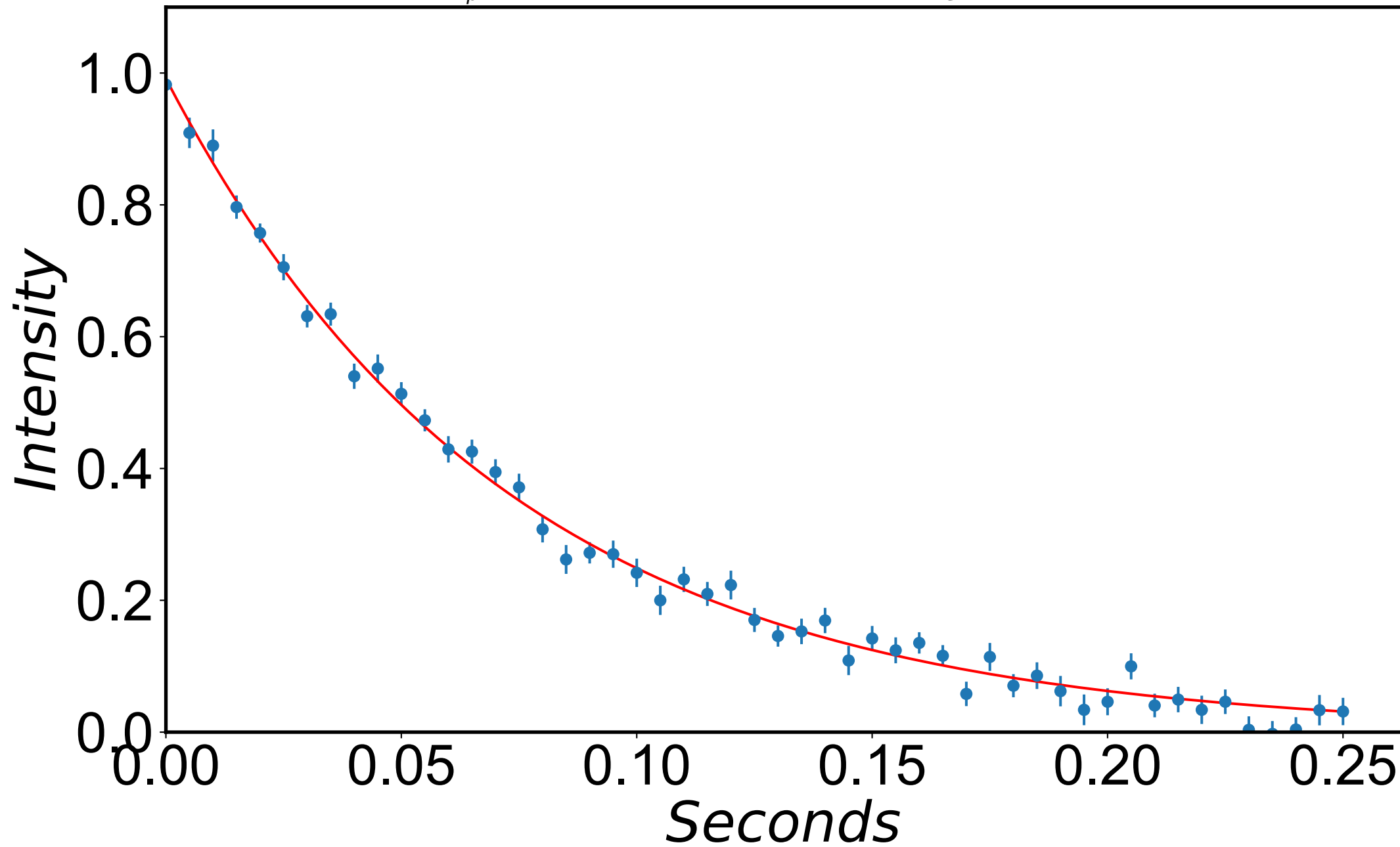
$$R_{1\rho} = 12.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -779 \text{ Hz}$$



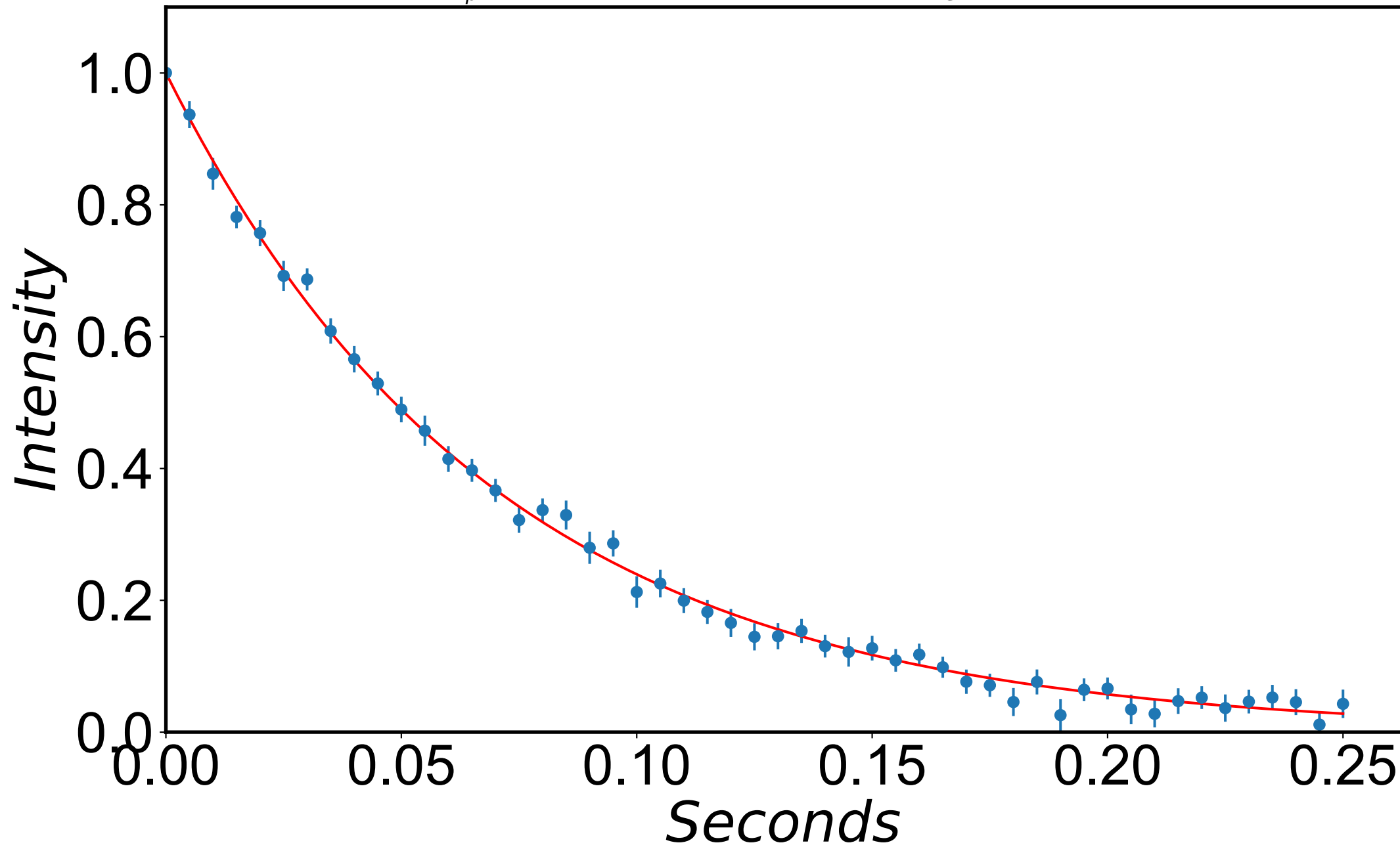
$$R_{1\rho} = 13.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -769 \text{ Hz}$$



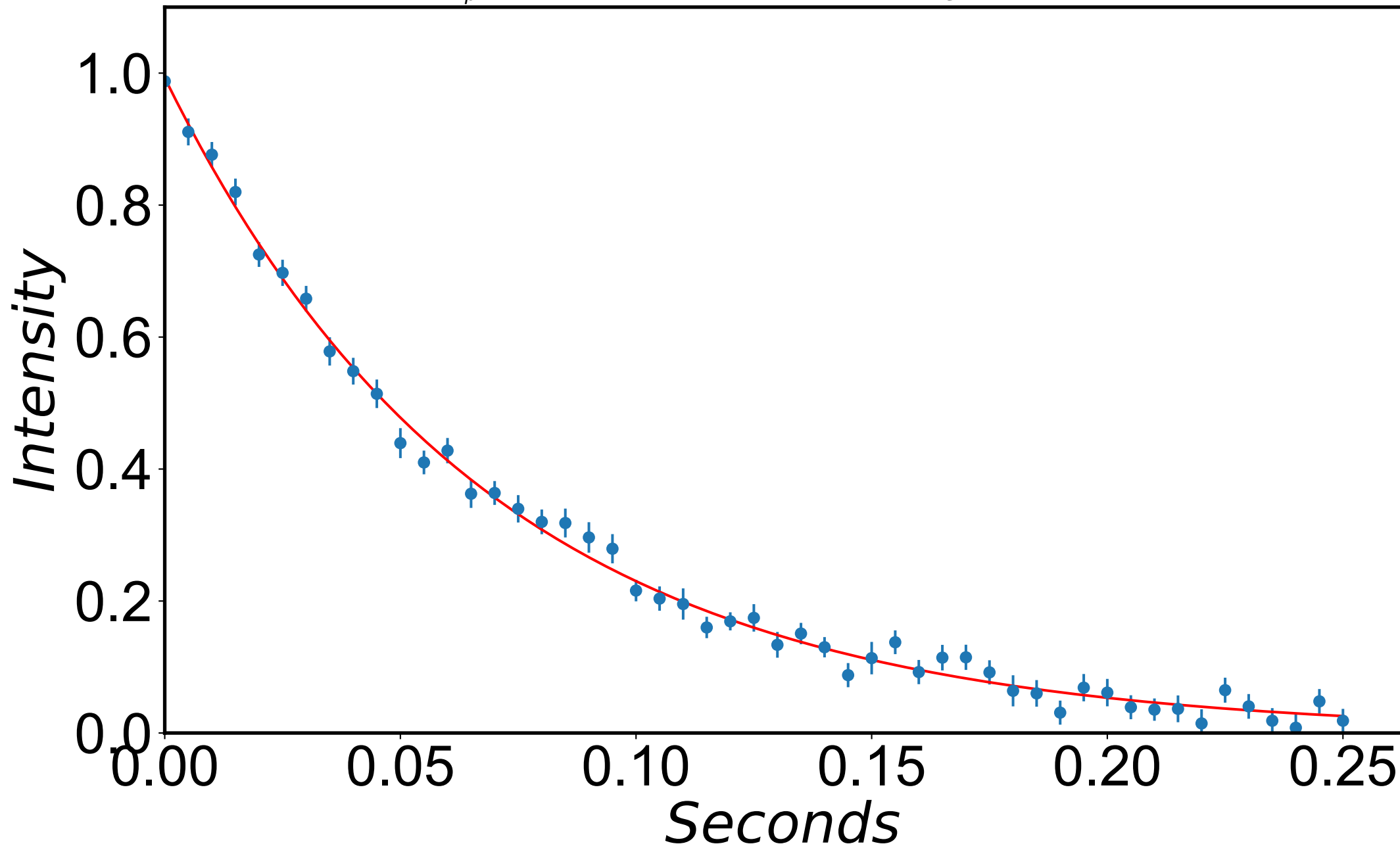
$$R_{1\rho} = 13.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -759 \text{ Hz}$$



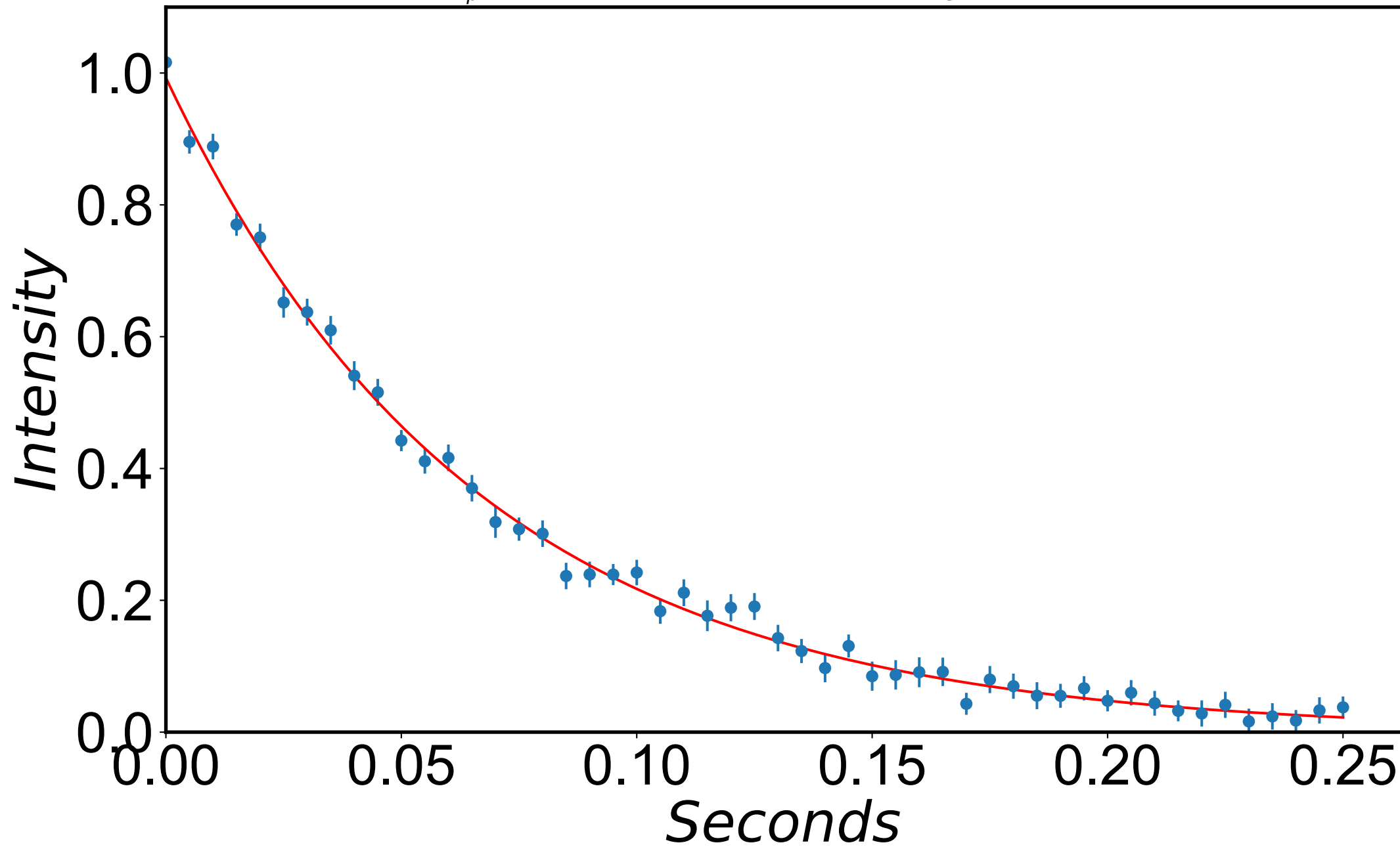
$$R_{1\rho} = 14.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -749 \text{ Hz}$$



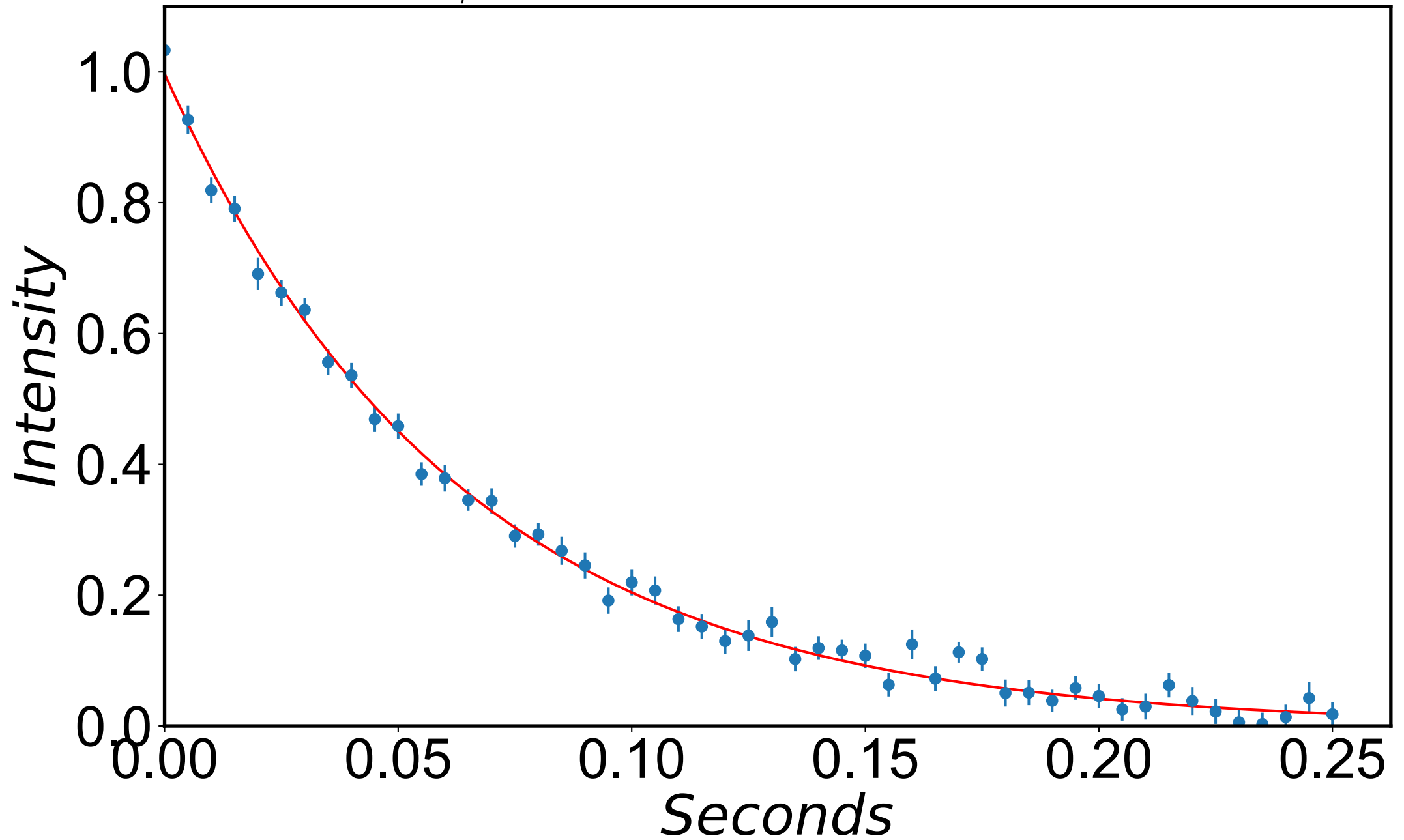
$$R_{1\rho} = 14.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -739 \text{ Hz}$$



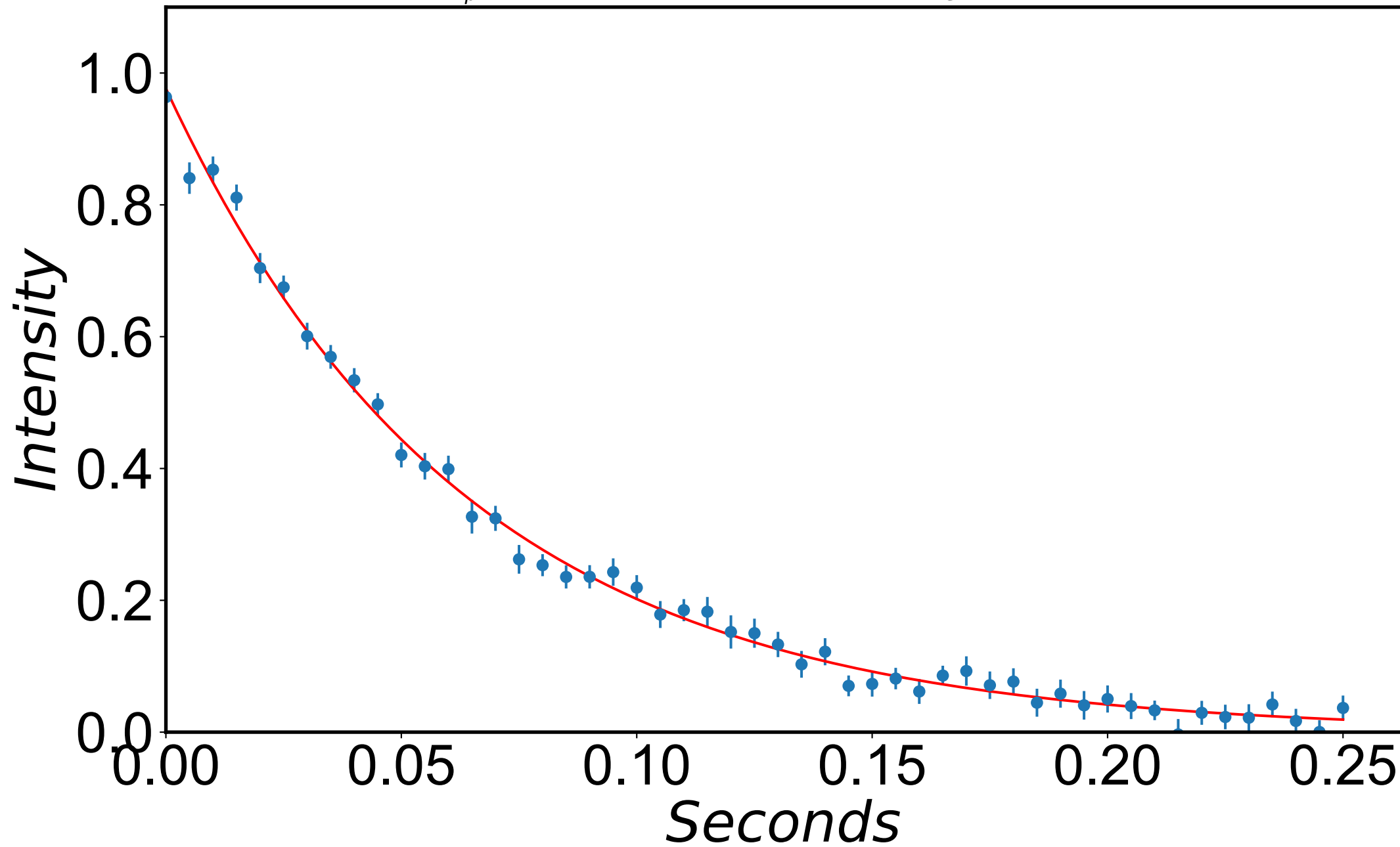
$$R_{1\rho} = 15.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -729 \text{ Hz}$$



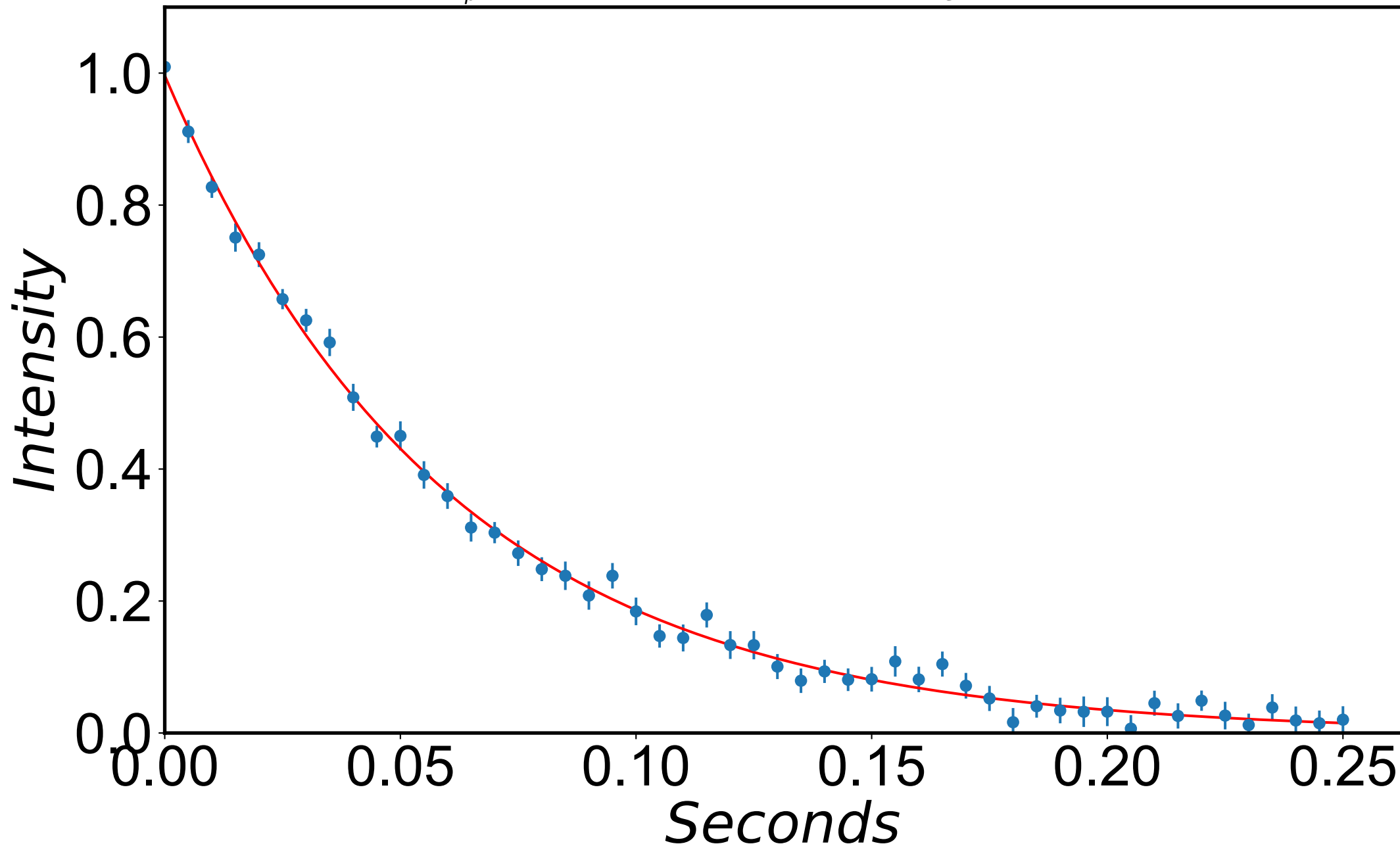
$$R_{1\rho} = 15.9 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -719 \text{ Hz}$$



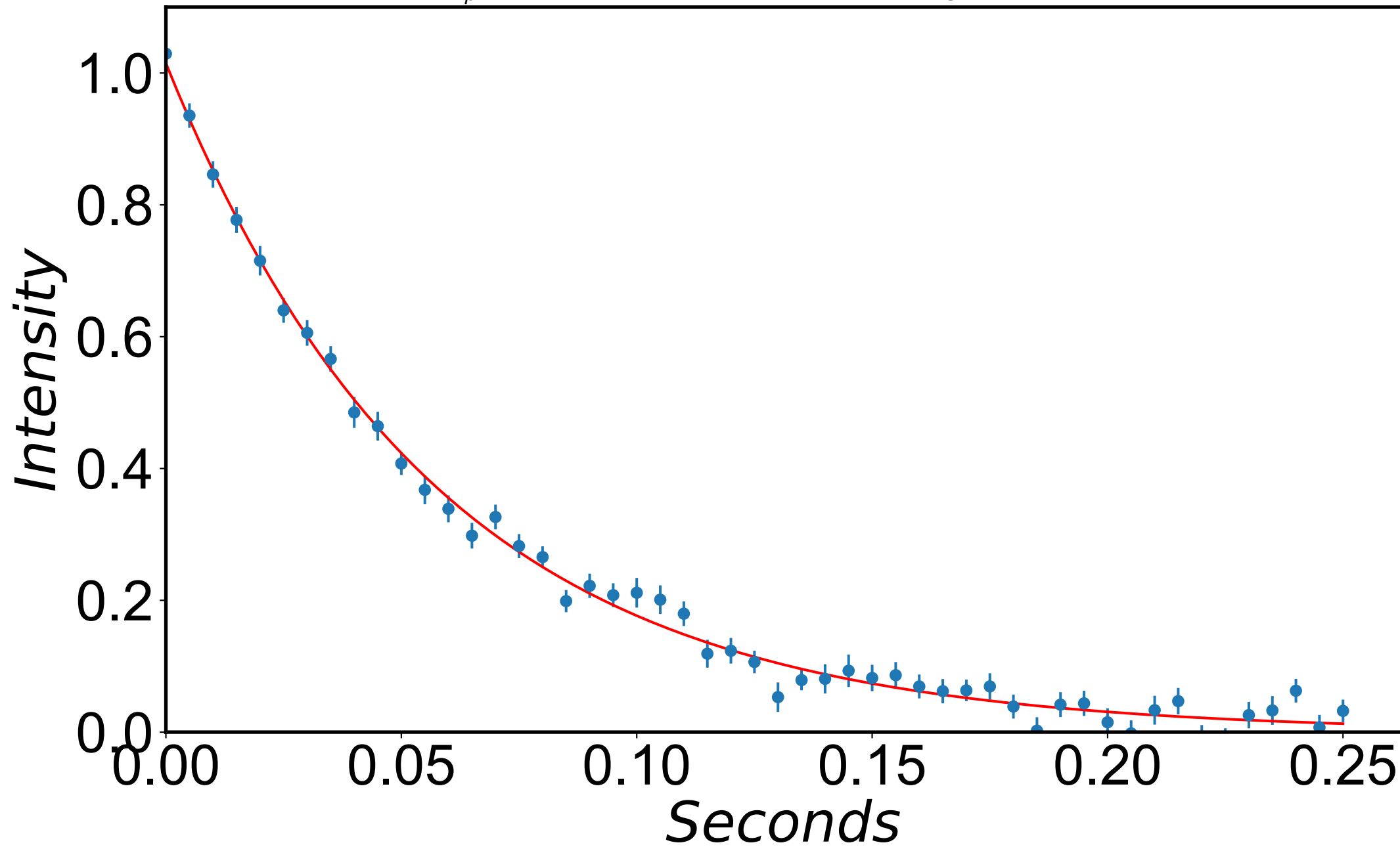
$$R_{1\rho} = 15.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -709 \text{ Hz}$$



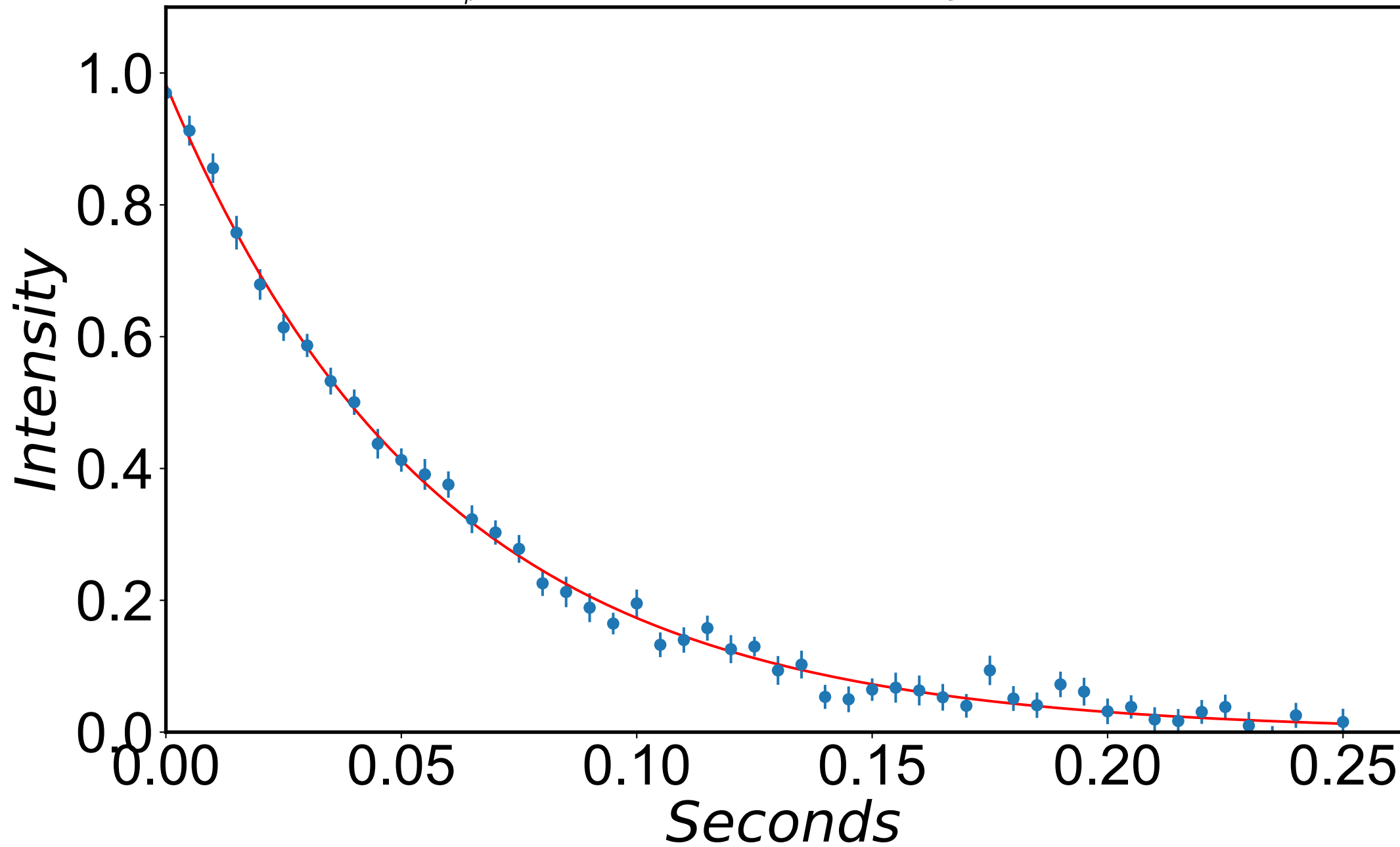
$$R_{1\rho} = 16.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -698 \text{ Hz}$$



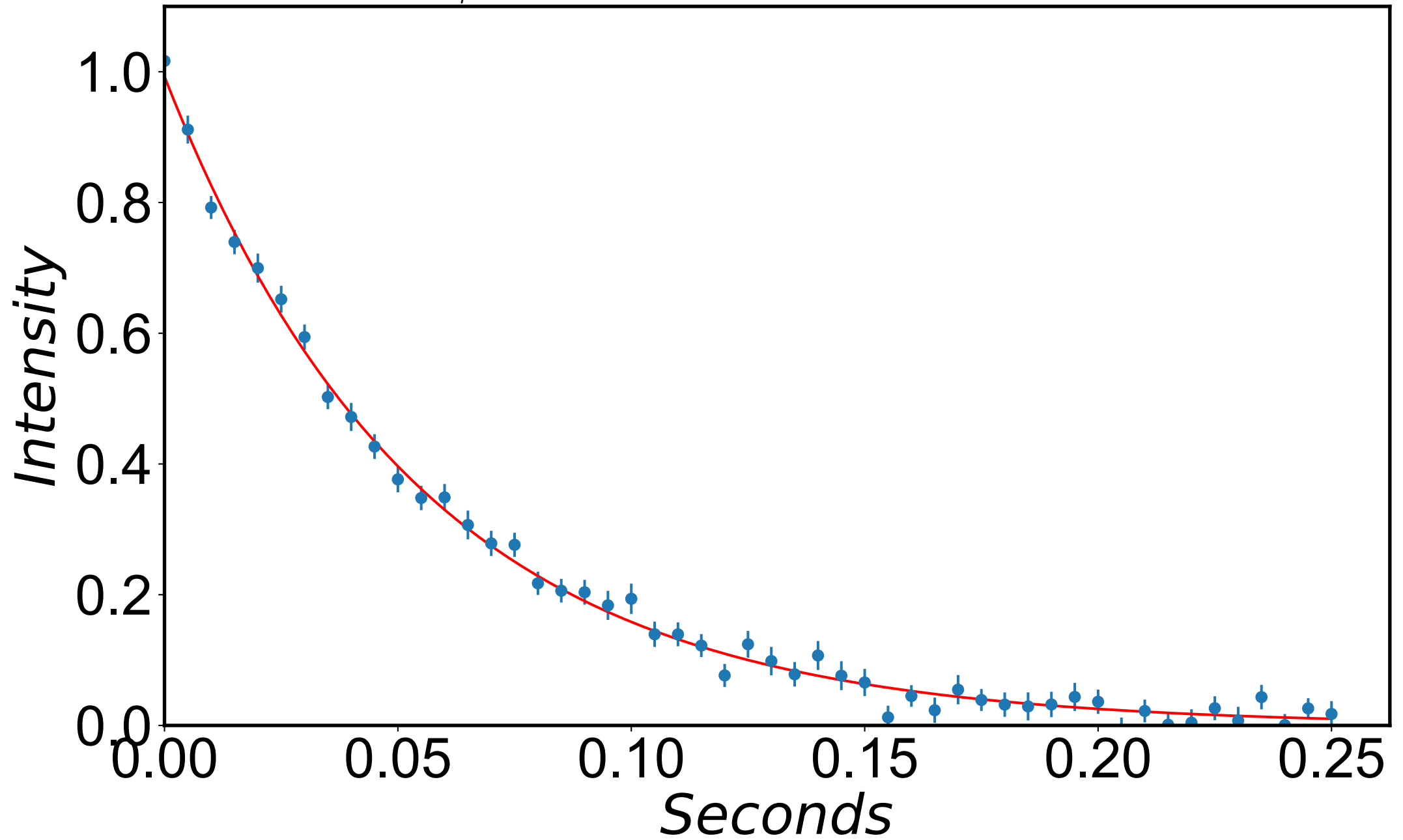
$$R_{1\rho} = 17.5 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -688 \text{ Hz}$$



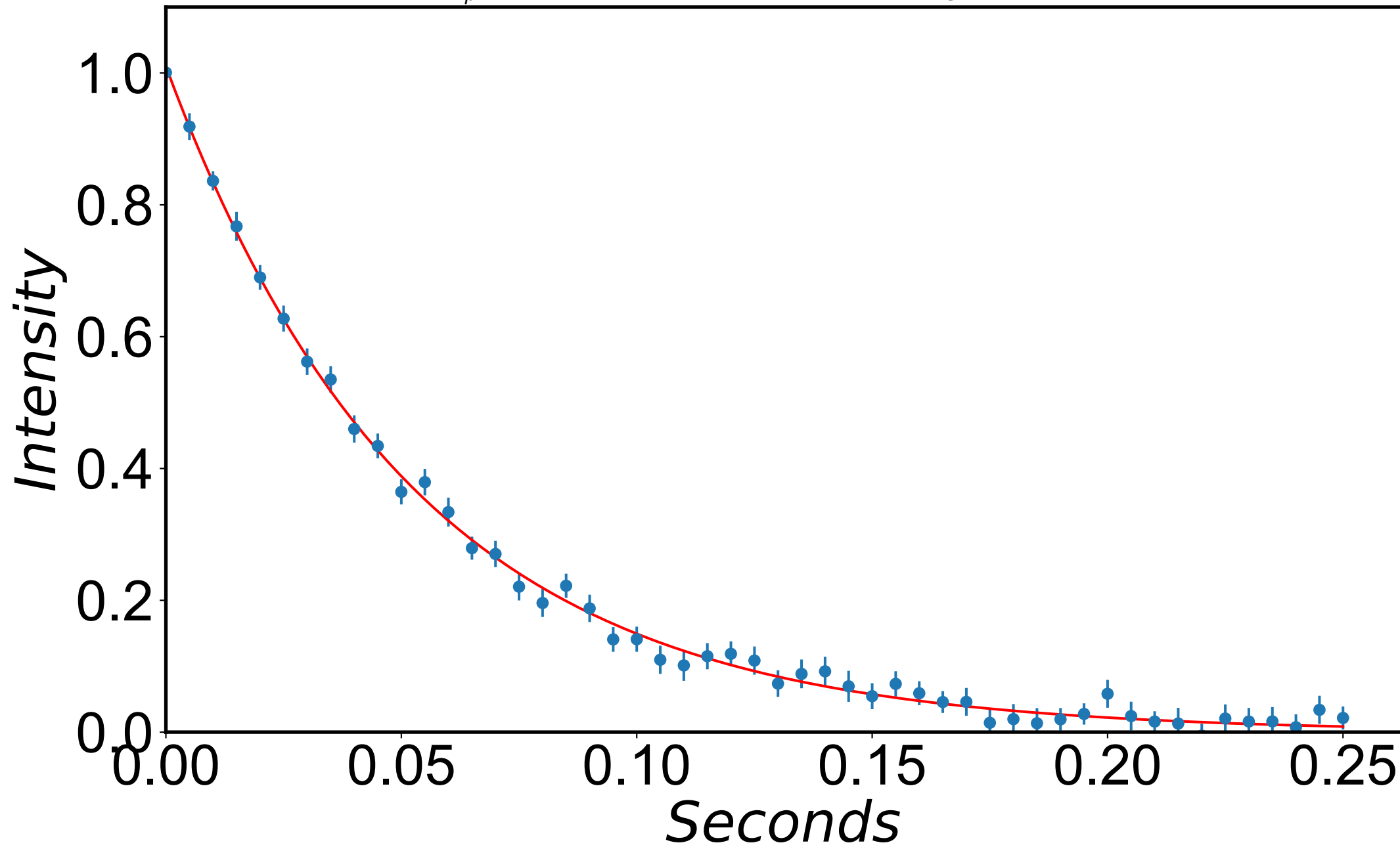
$$R_{1\rho} = 17.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -678 \text{ Hz}$$



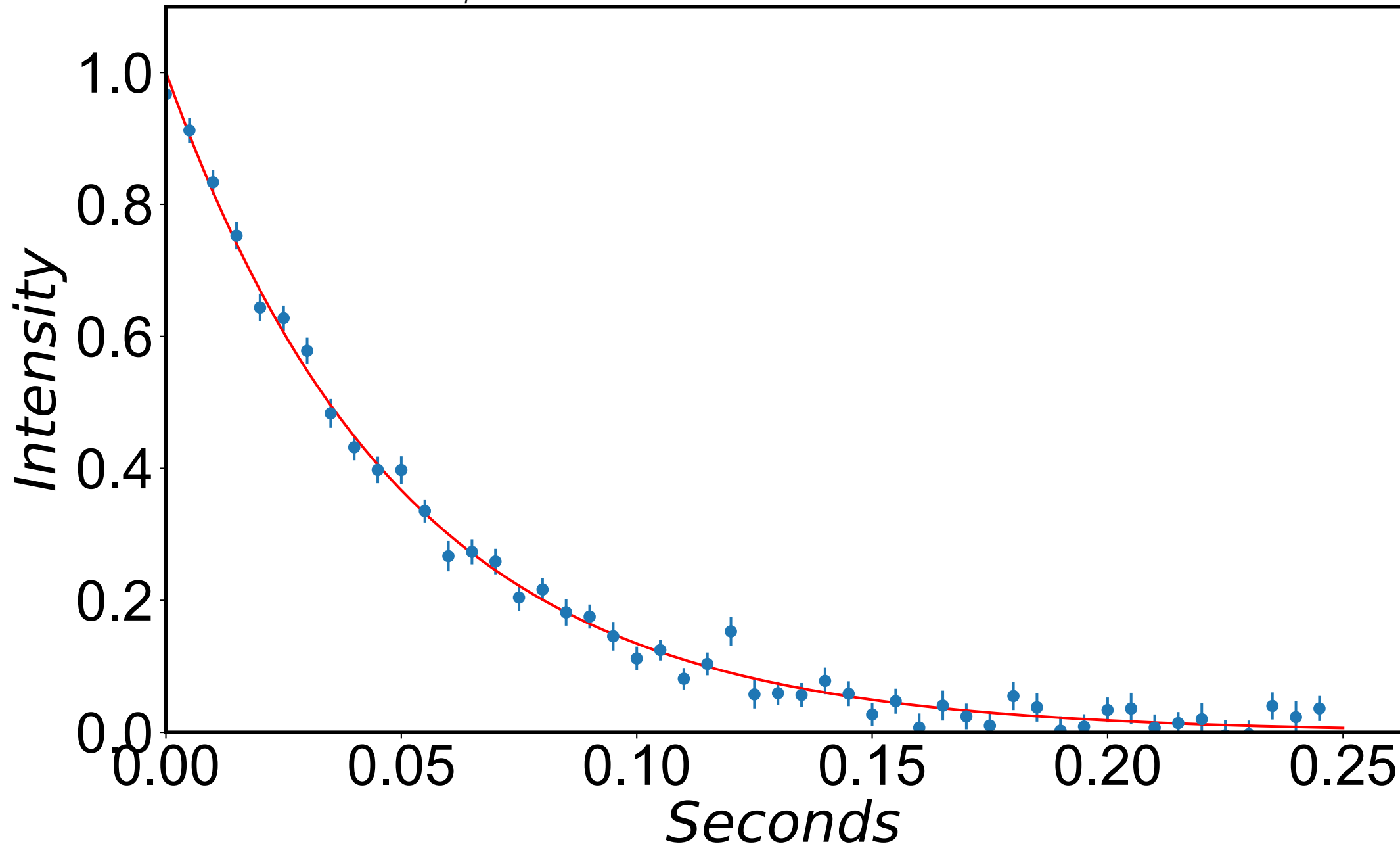
$$R_{1\rho} = 18.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -668 \text{ Hz}$$



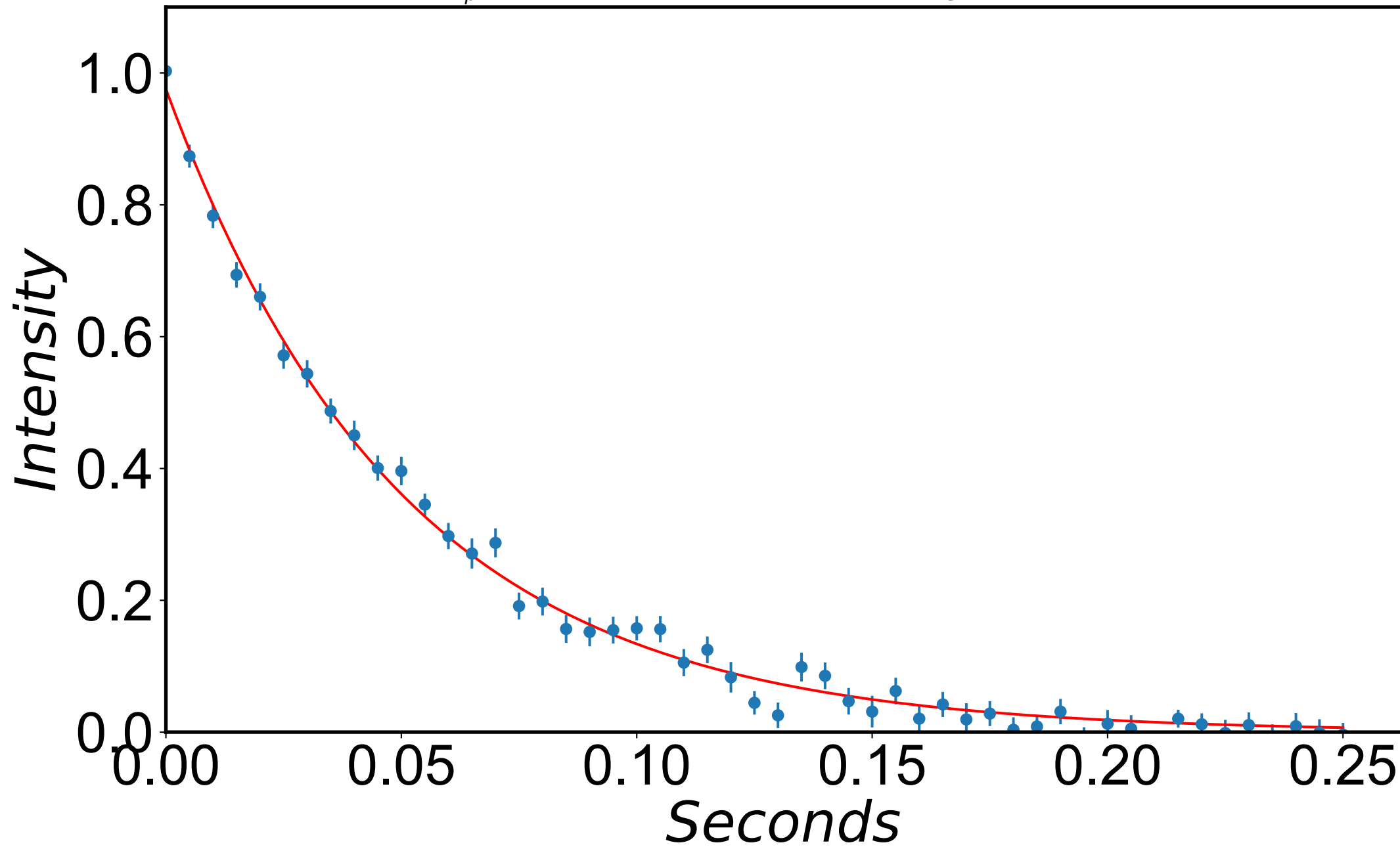
$$R_{1\rho} = 19.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -658 \text{ Hz}$$



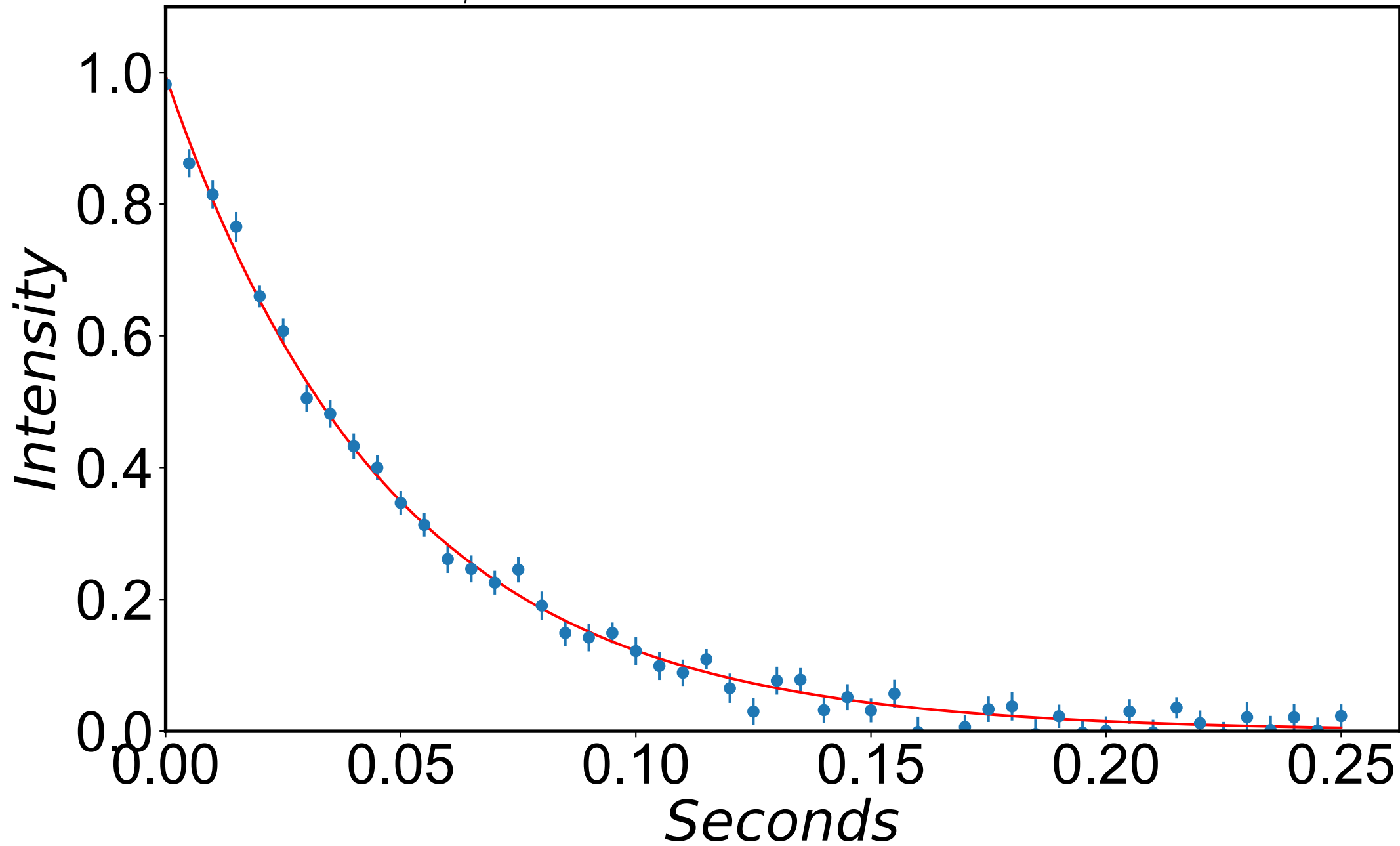
$$R_{1\rho} = 20.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -648 \text{ Hz}$$



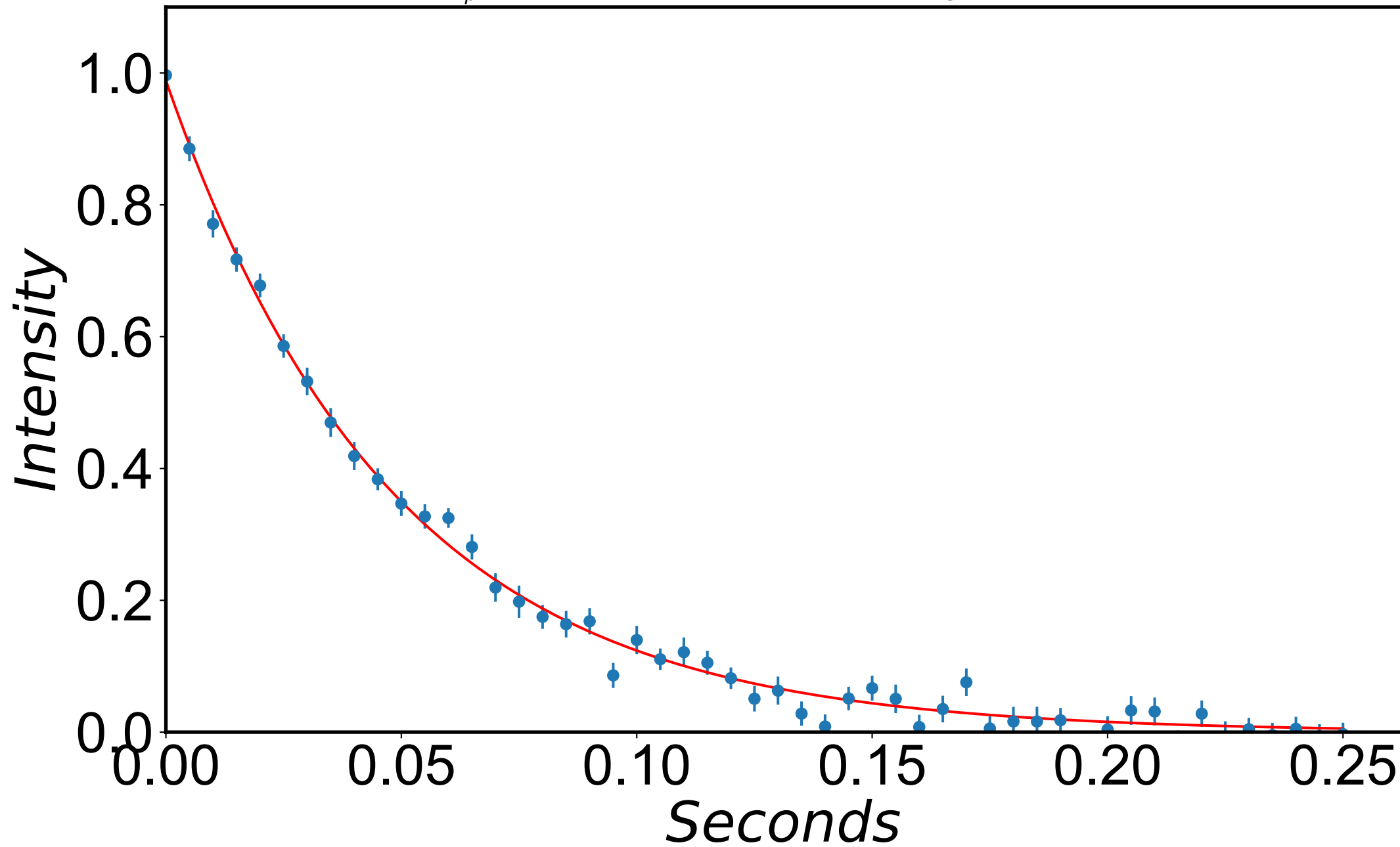
$$R_{1\rho} = 19.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -638 \text{ Hz}$$



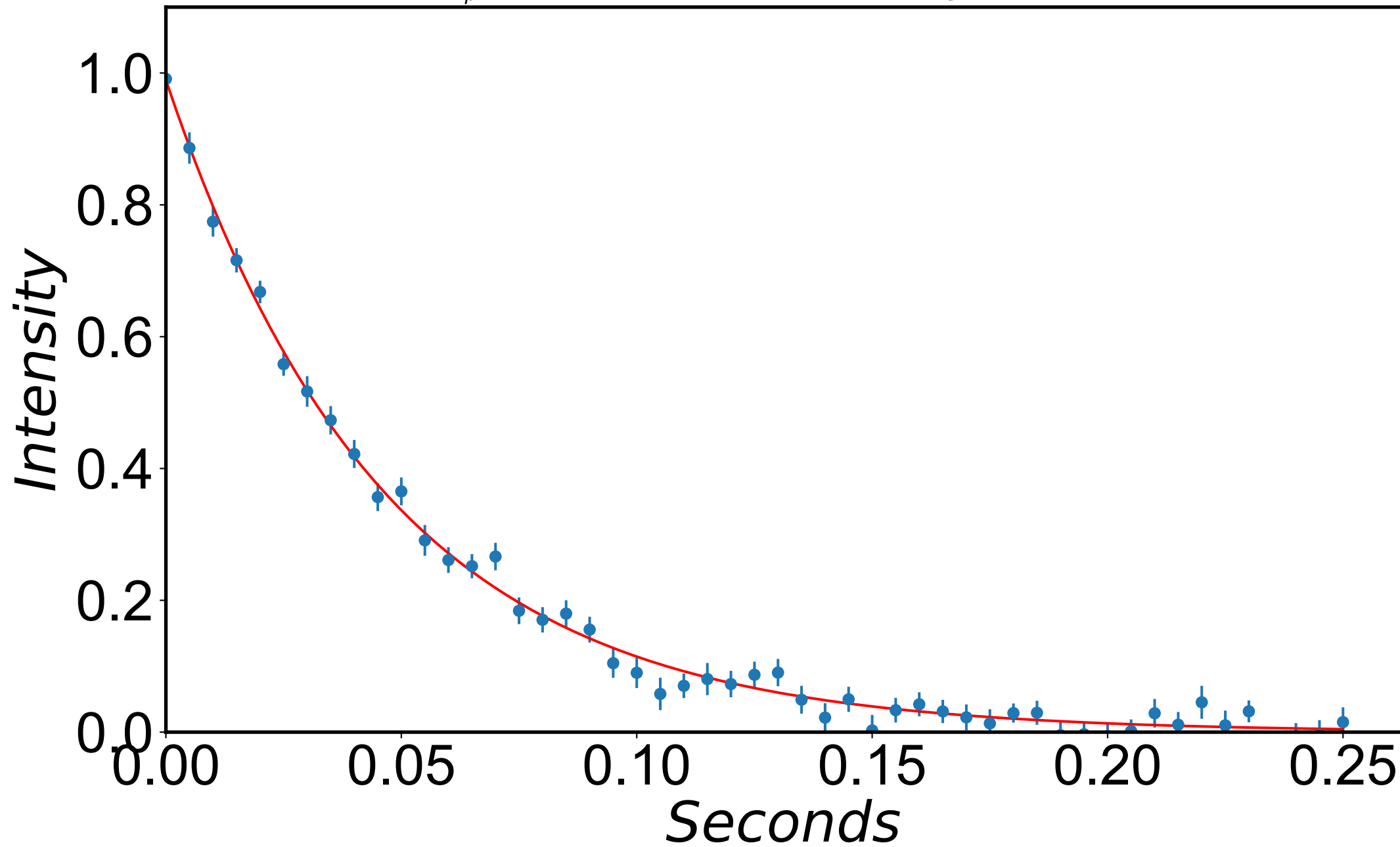
$$R_{1\rho} = 20.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -628 \text{ Hz}$$



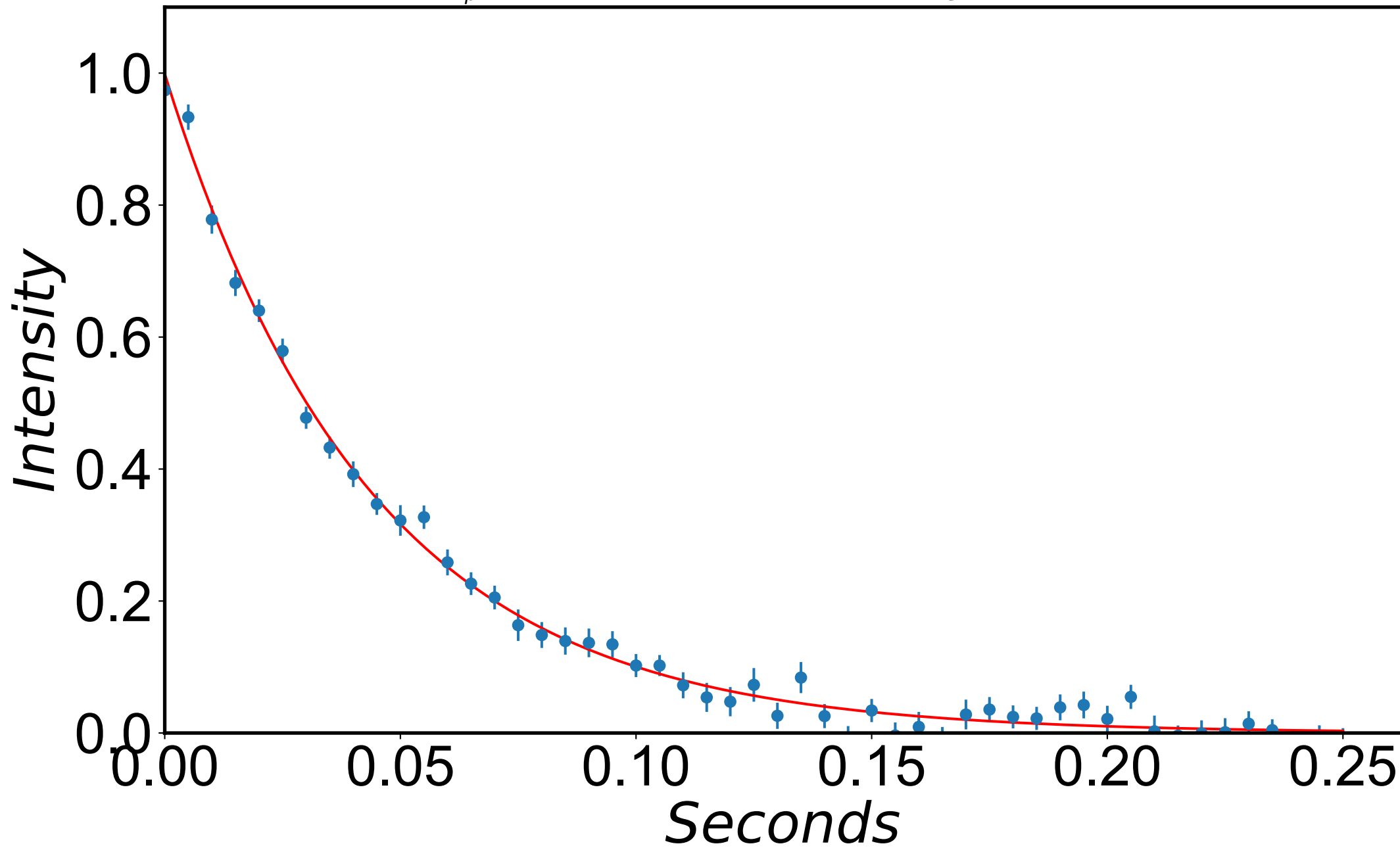
$$R_{1\rho} = 20.8 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -618 \text{ Hz}$$



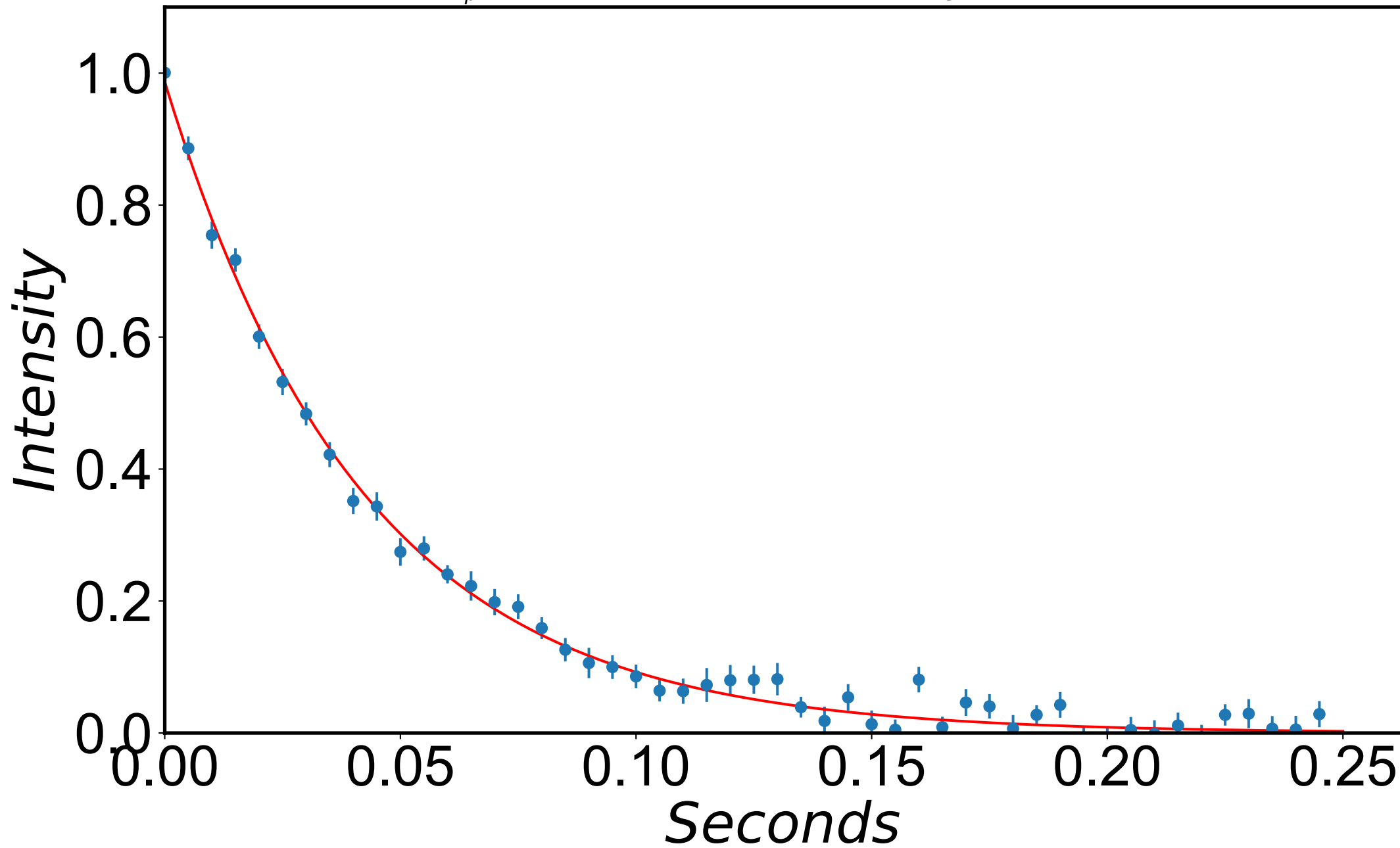
$$R_{1\rho} = 21.6 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -608 \text{ Hz}$$



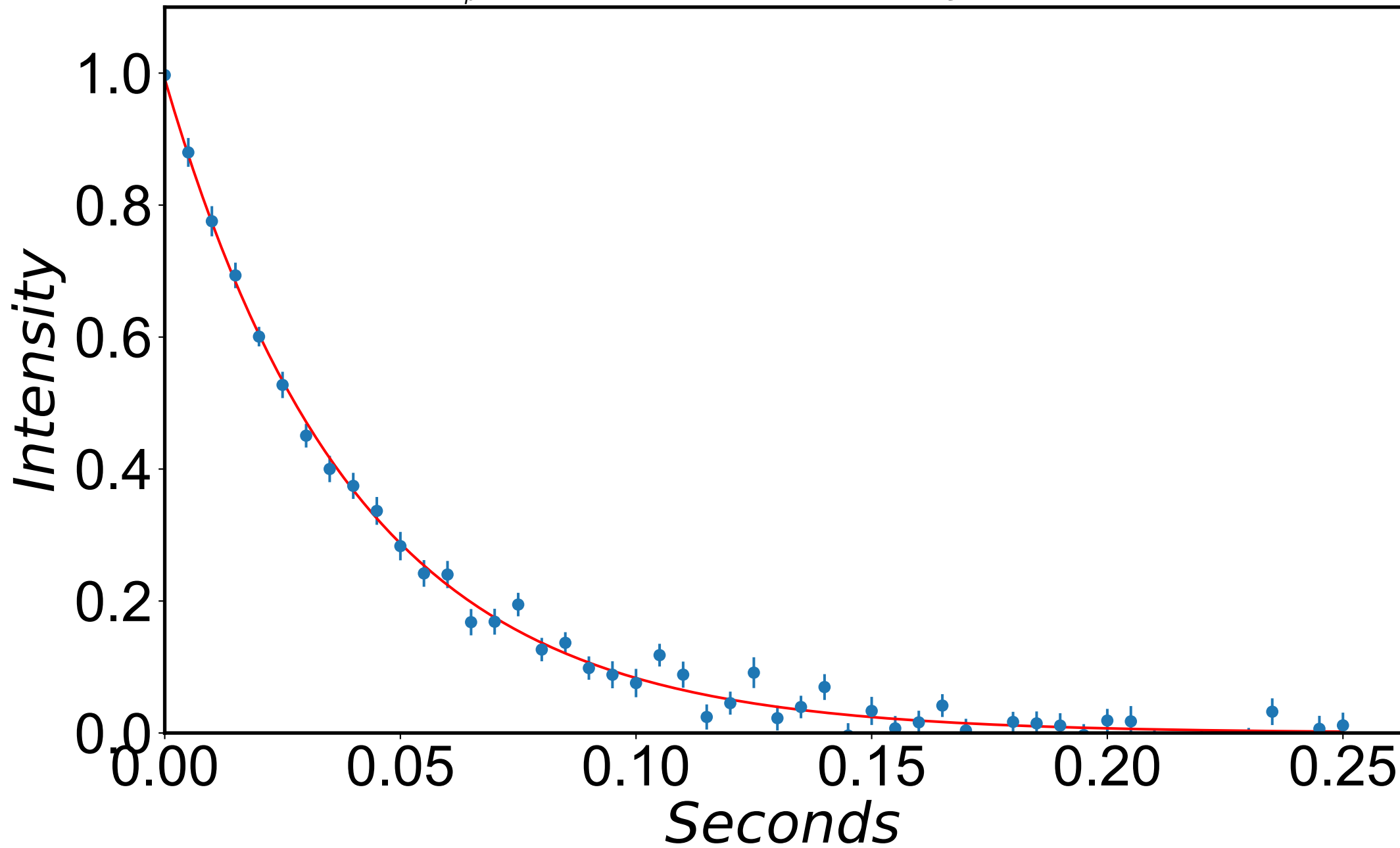
$$R_{1\rho} = 23.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -598 \text{ Hz}$$



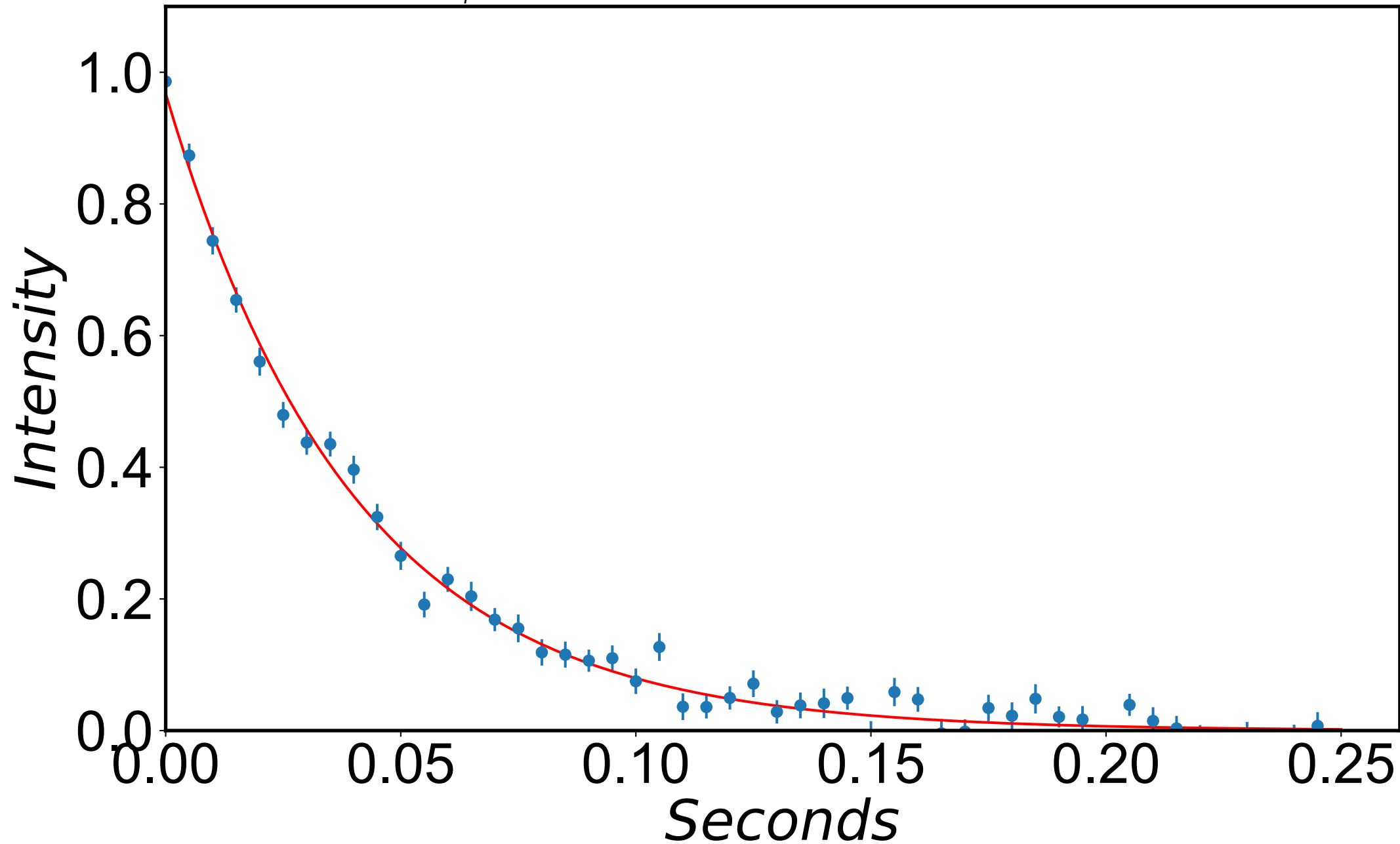
$$R_{1\rho} = 23.7 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -588 \text{ Hz}$$



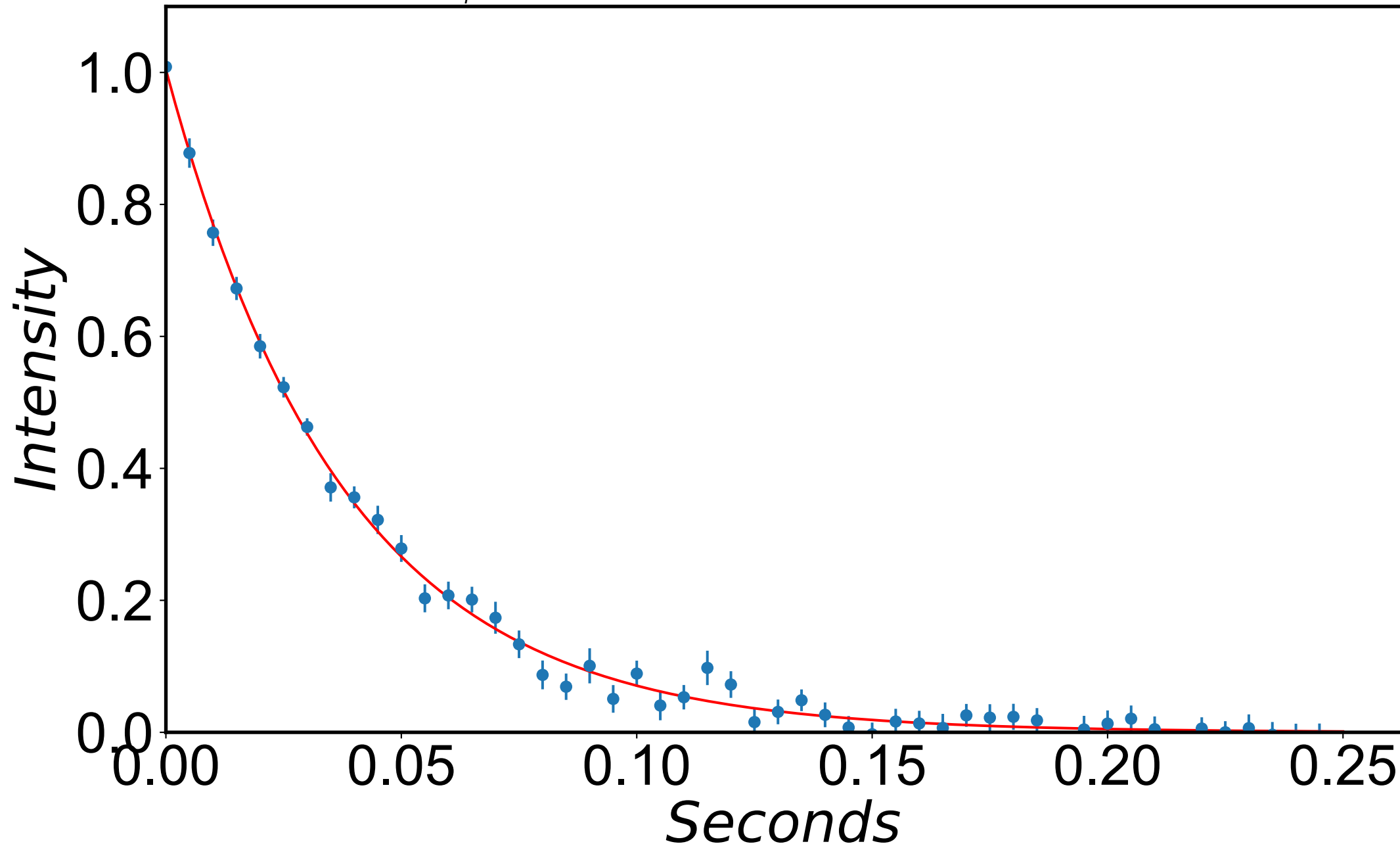
$$R_{1\rho} = 24.8 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -578 \text{ Hz}$$



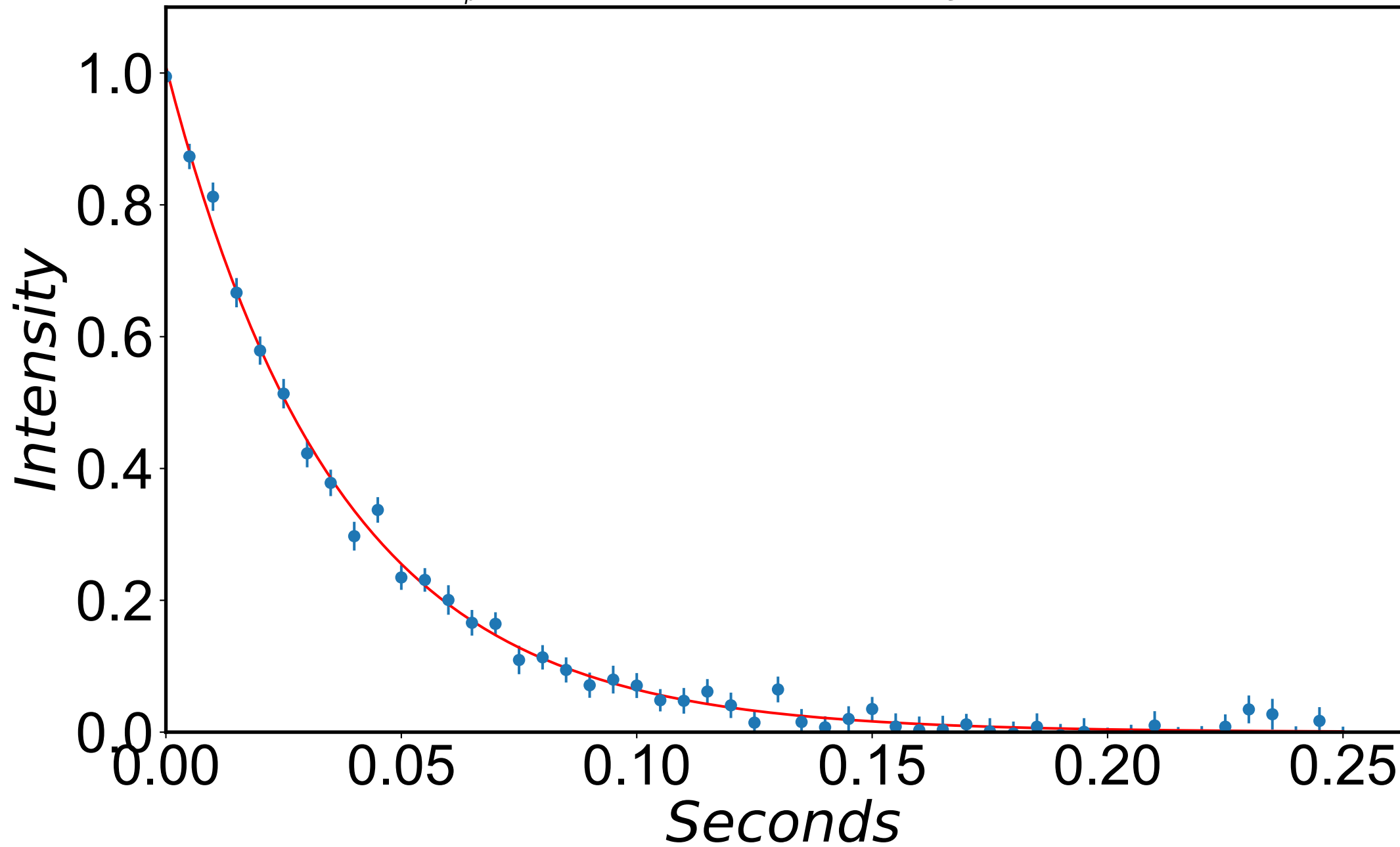
$$R_{1\rho} = 25.0 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -568 \text{ Hz}$$



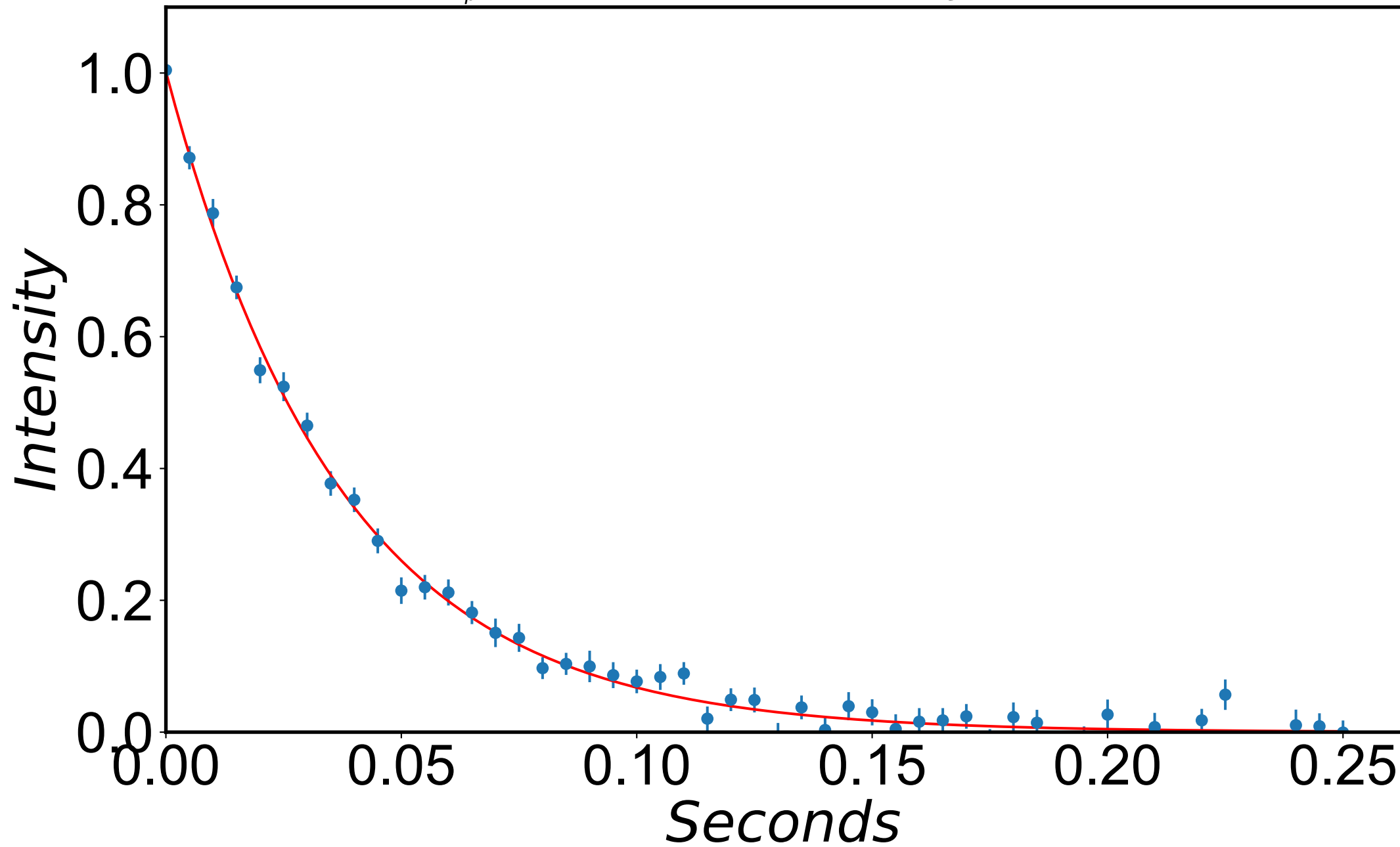
$$R_{1\rho} = 26.5 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -558 \text{ Hz}$$



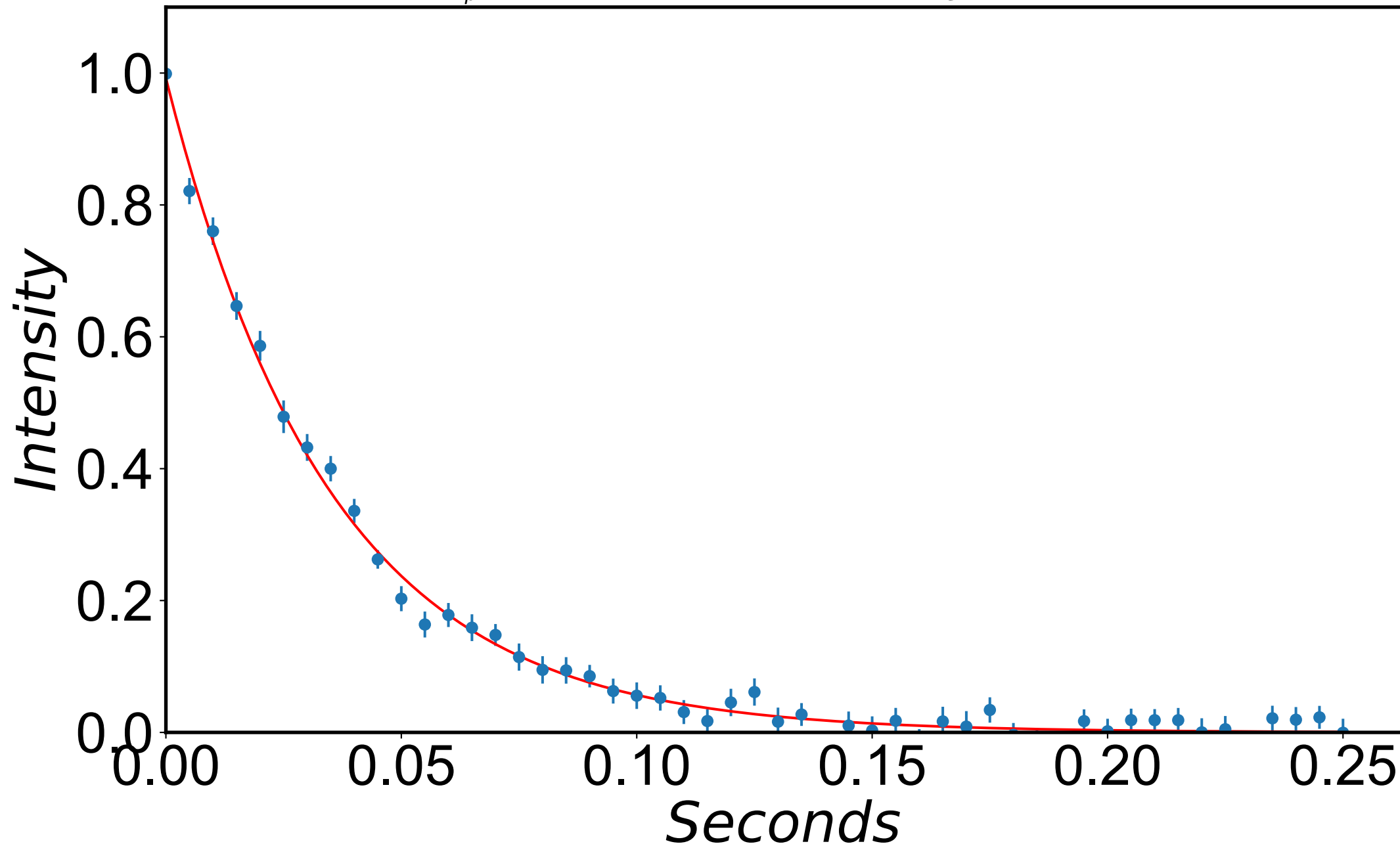
$$R_{1\rho} = 27.5 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -548 \text{ Hz}$$



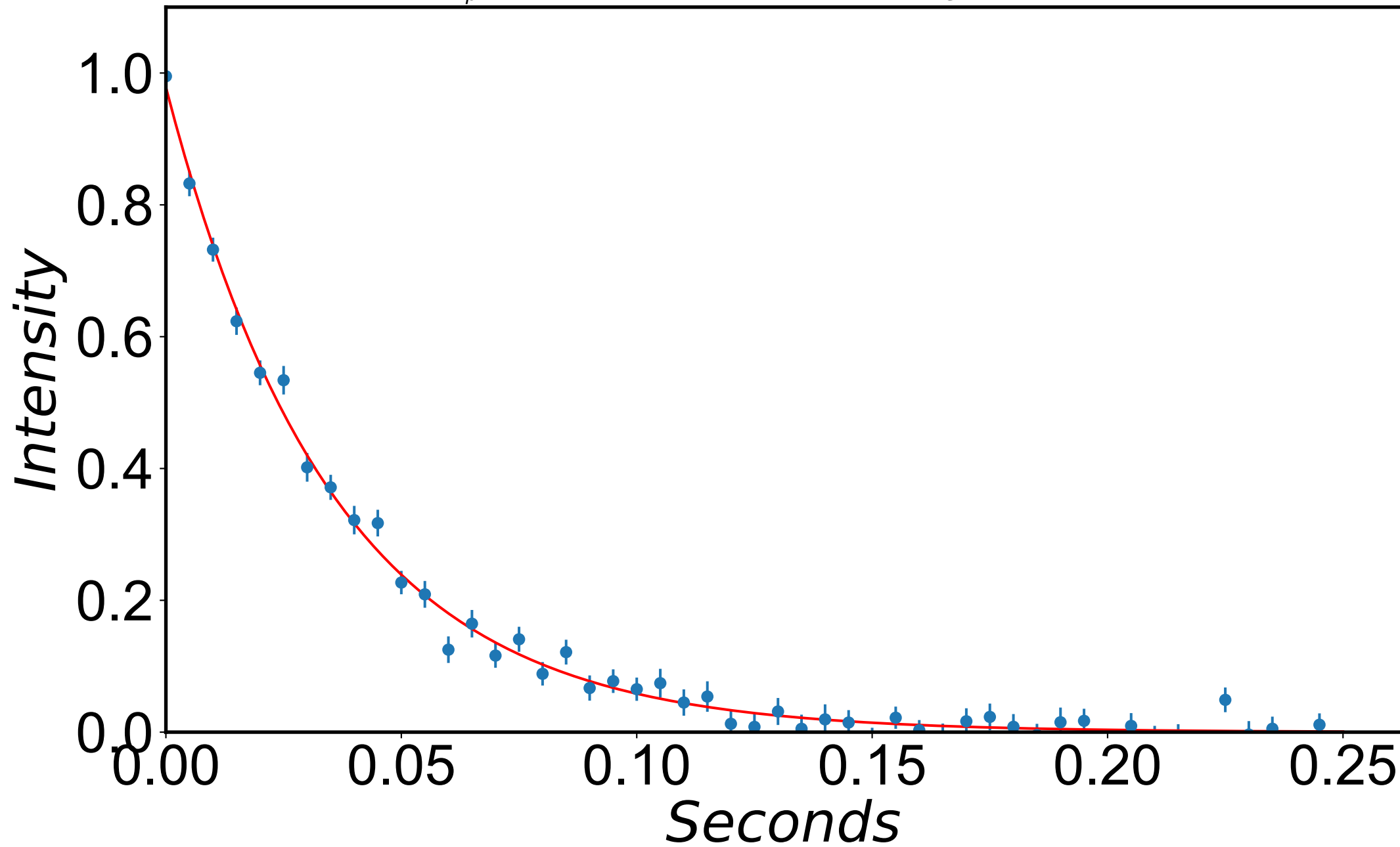
$$R_{1\rho} = 27.0 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -538 \text{ Hz}$$



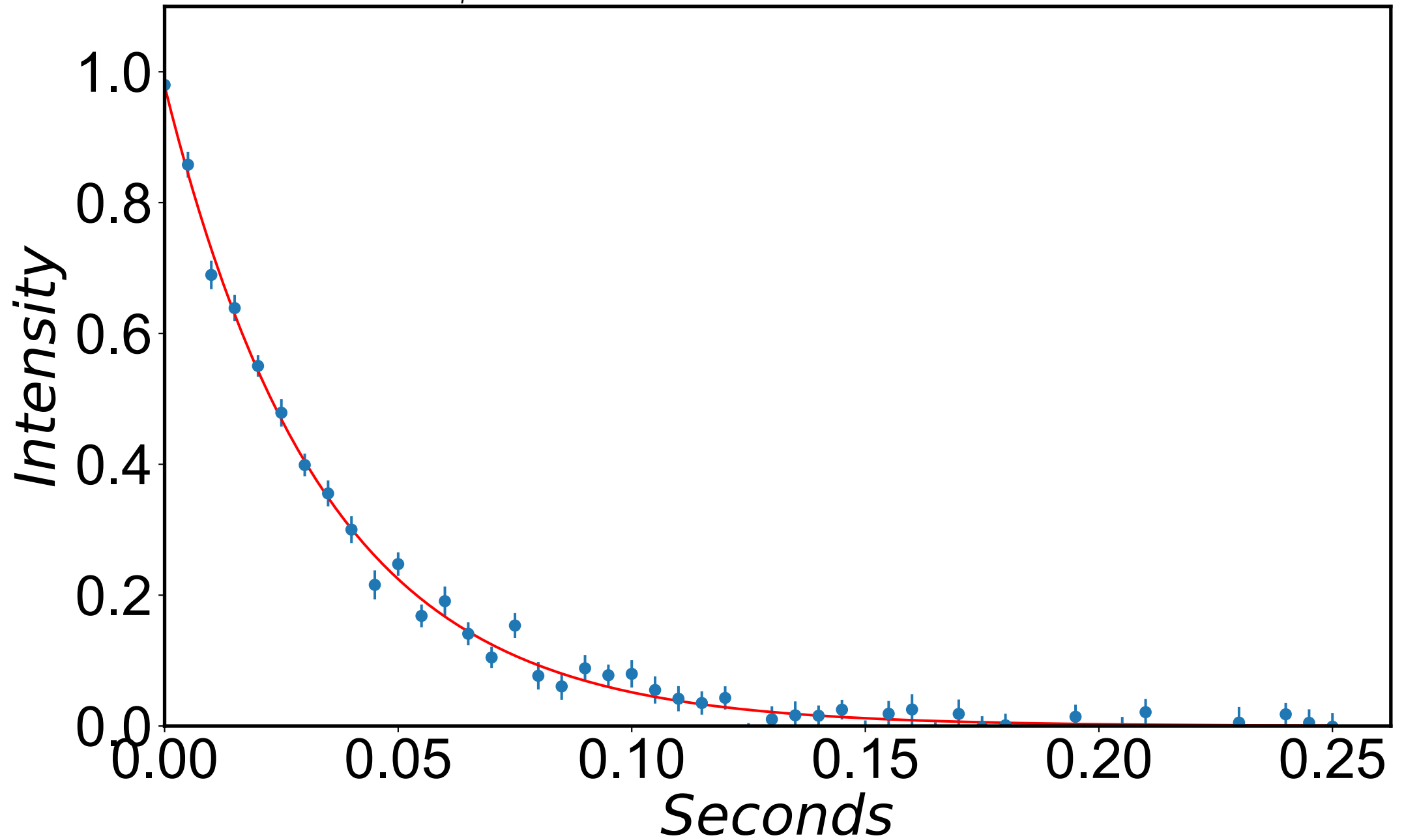
$$R_{1\rho} = 28.6 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -528 \text{ Hz}$$



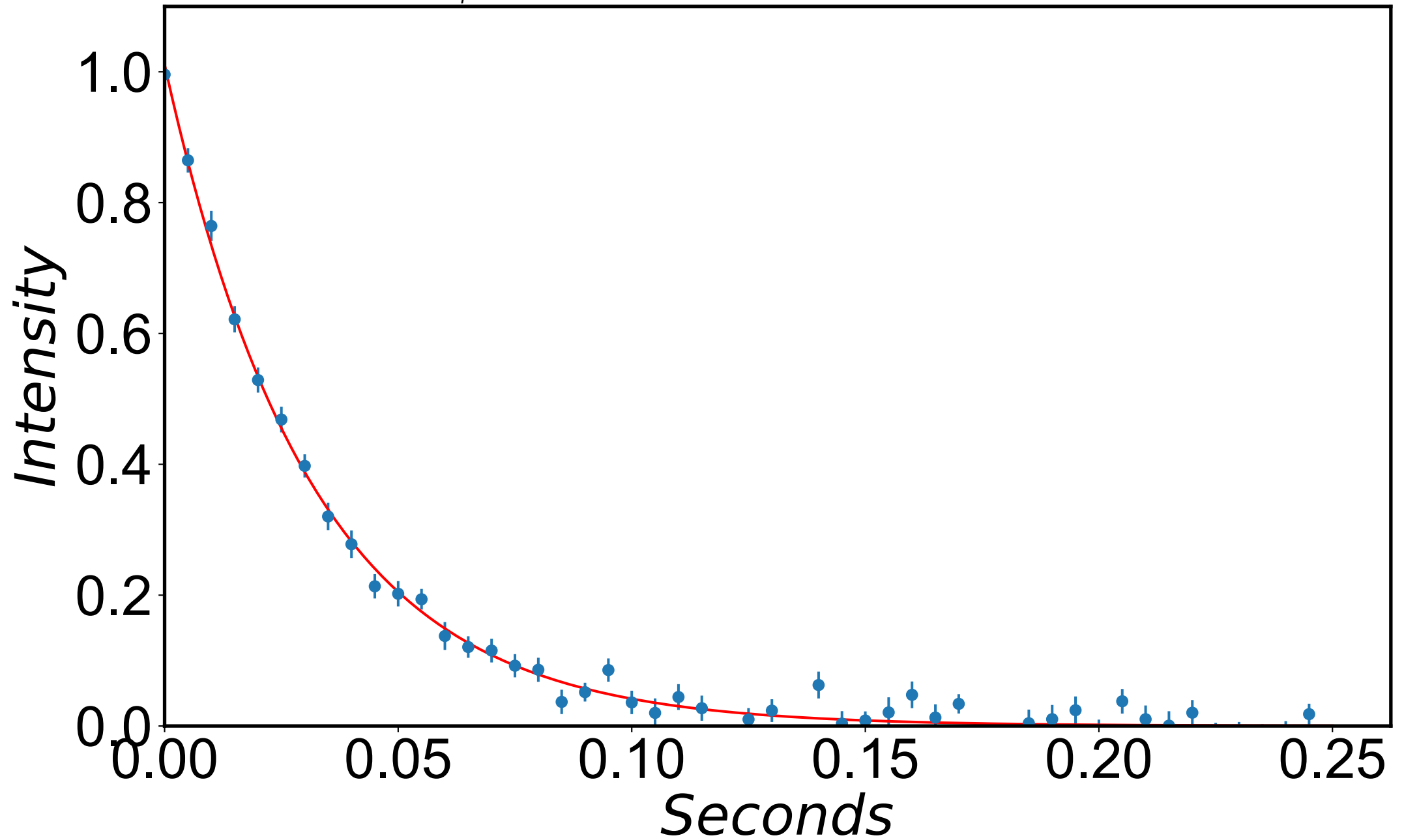
$$R_{1\rho} = 28.2 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -518 \text{ Hz}$$



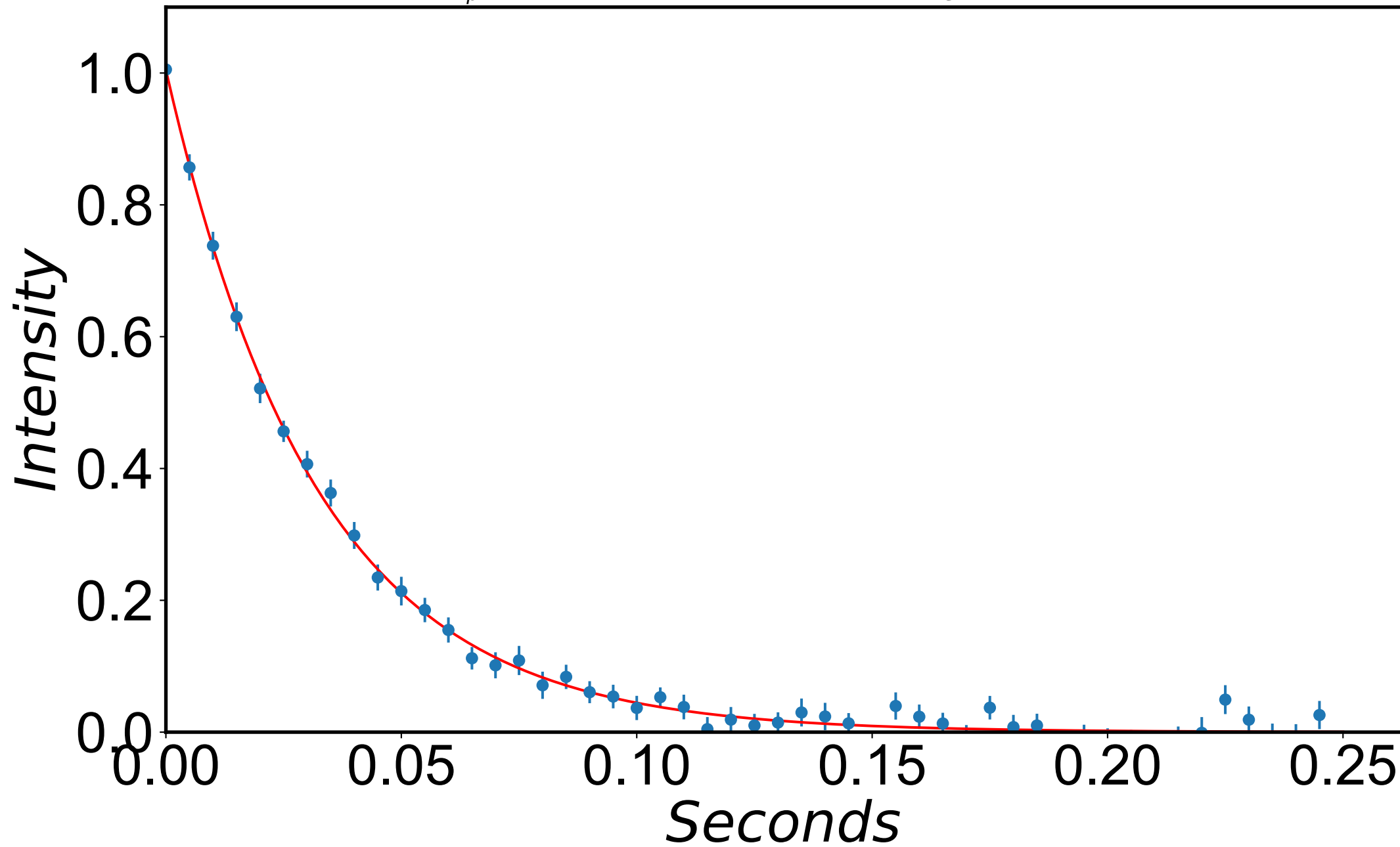
$$R_{1\rho} = 29.4 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -508 \text{ Hz}$$



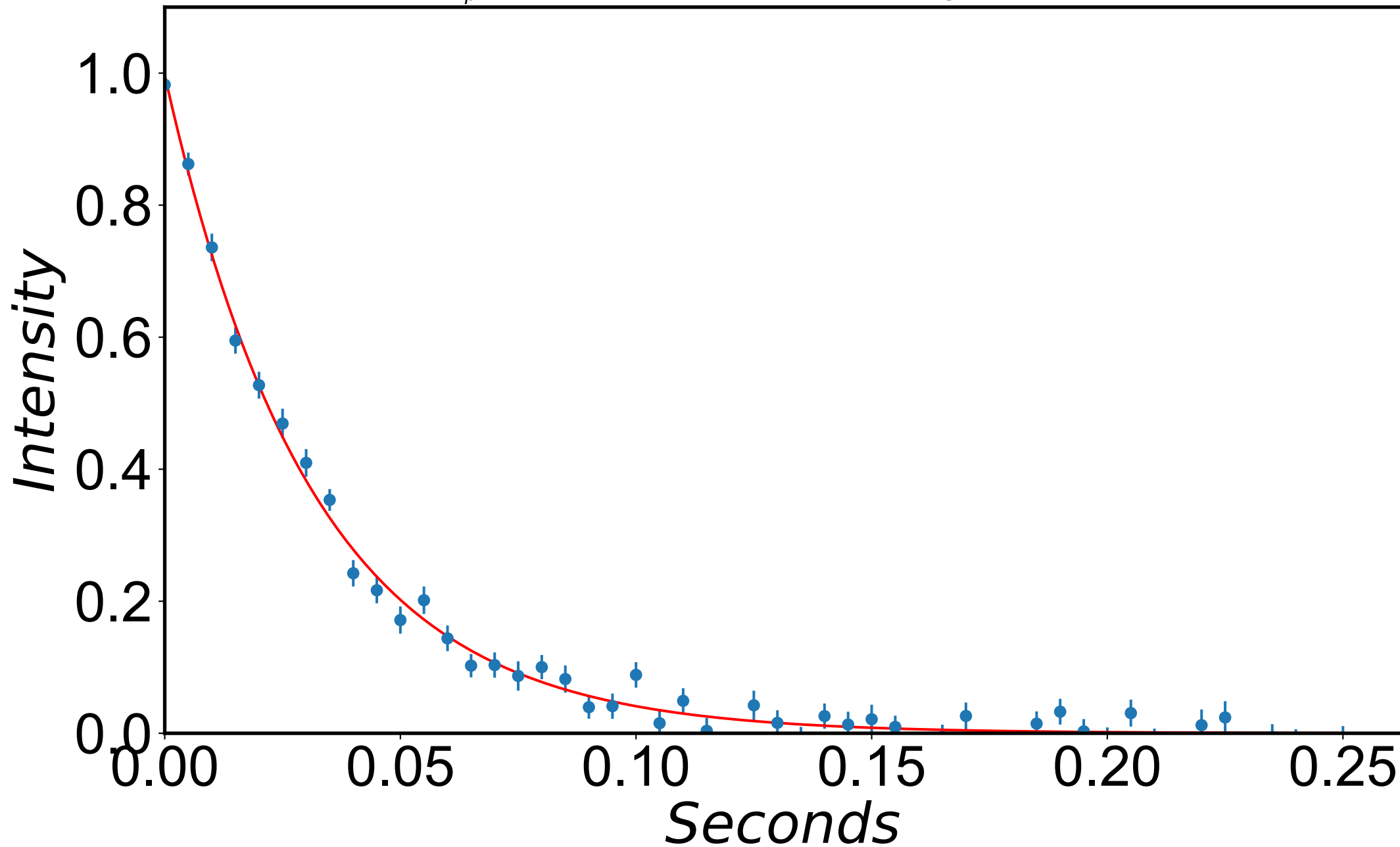
$$R_{1\rho} = 31.9 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -497 \text{ Hz}$$



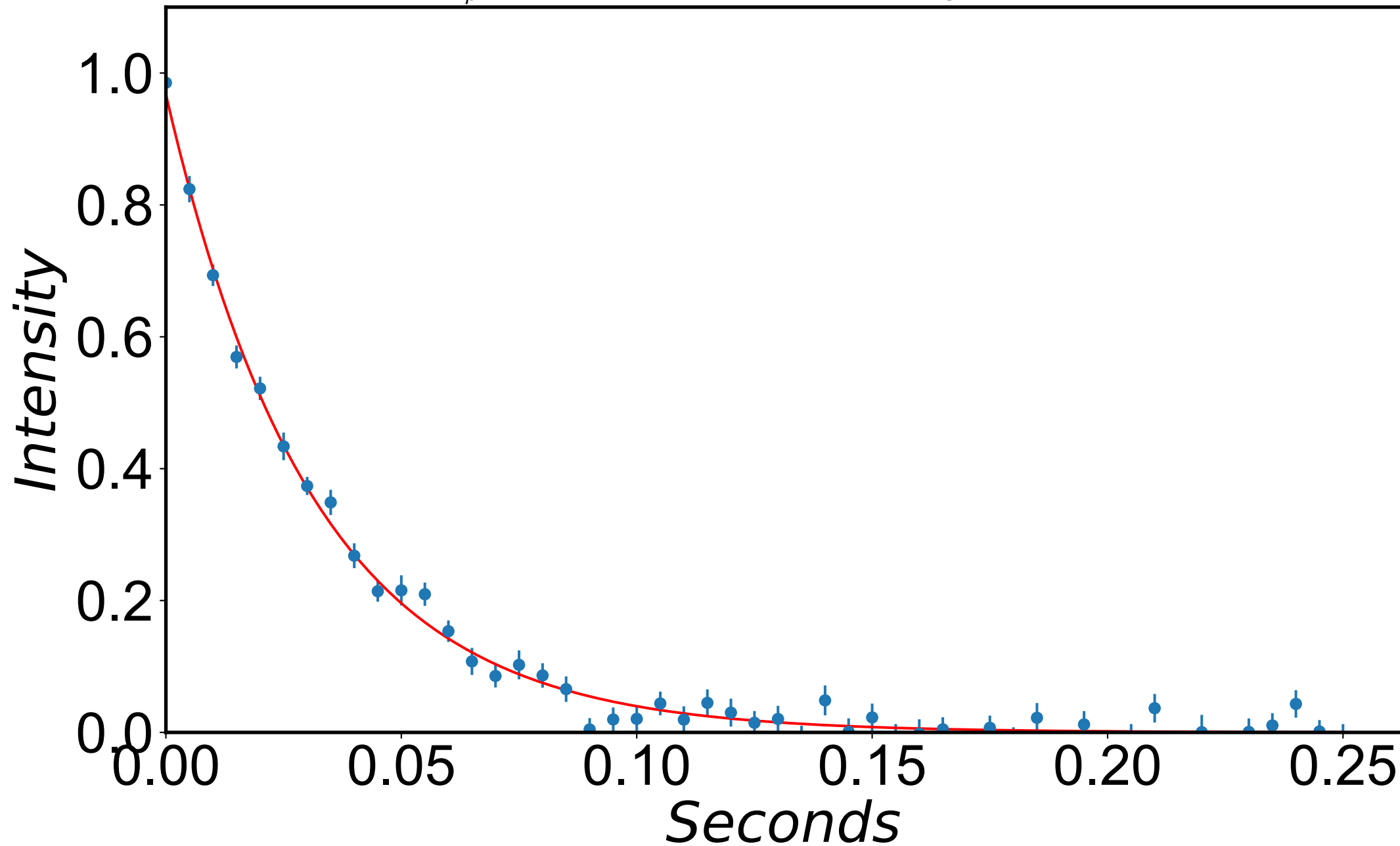
$$R_{1\rho} = 31.2 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -487 \text{ Hz}$$



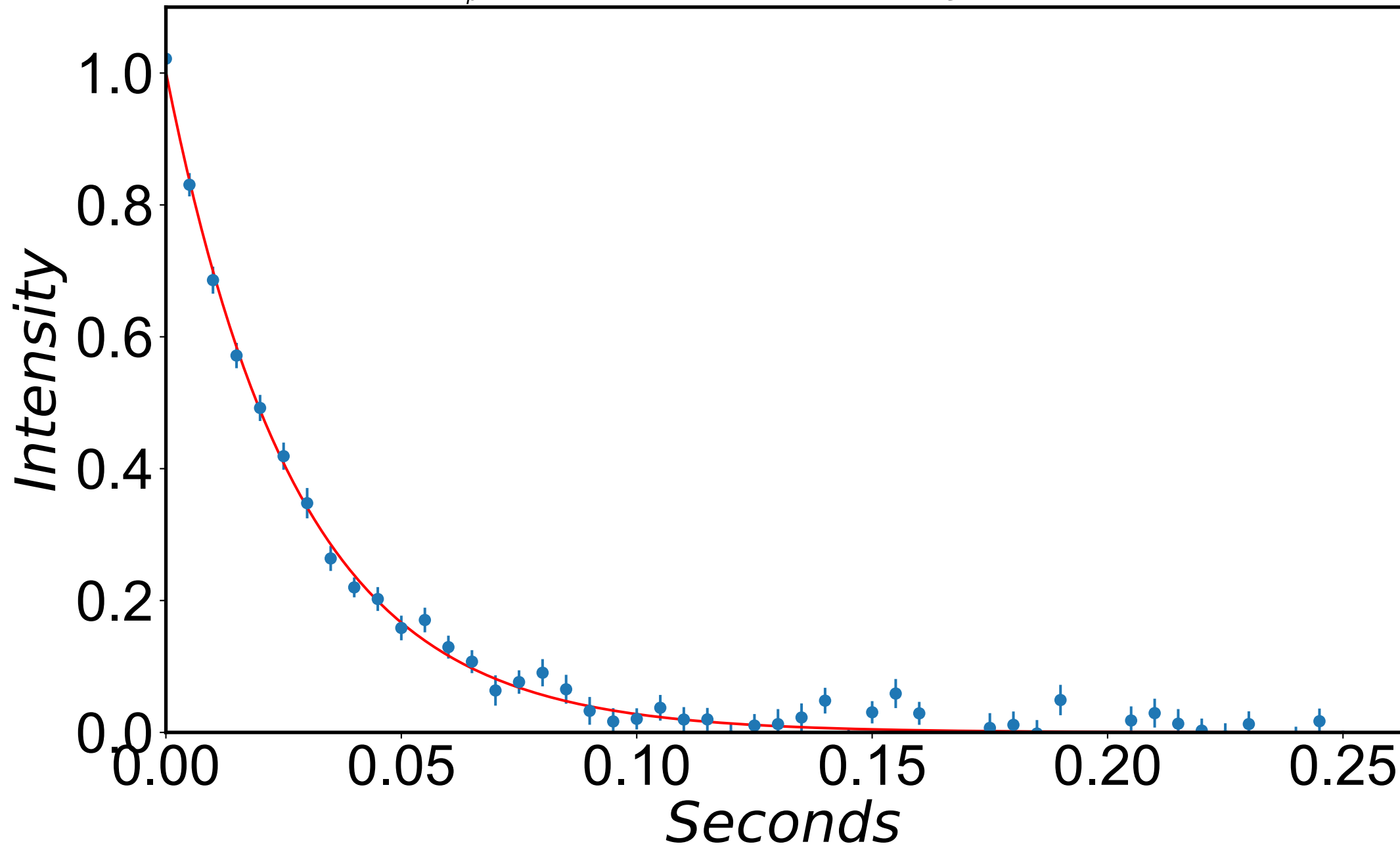
$$R_{1\rho} = 31.9 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -477 \text{ Hz}$$



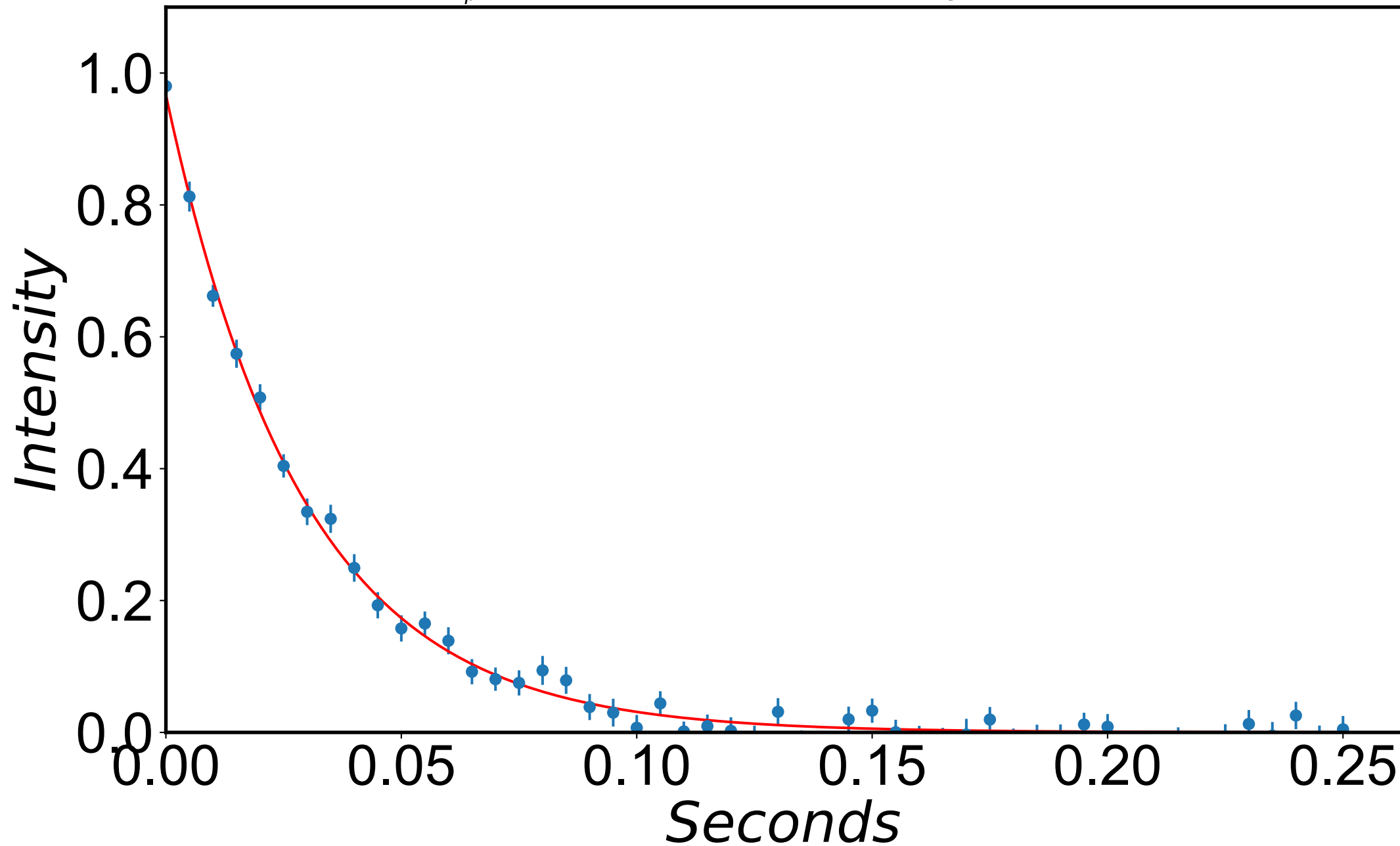
$$R_{1\rho} = 31.9 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -467 \text{ Hz}$$



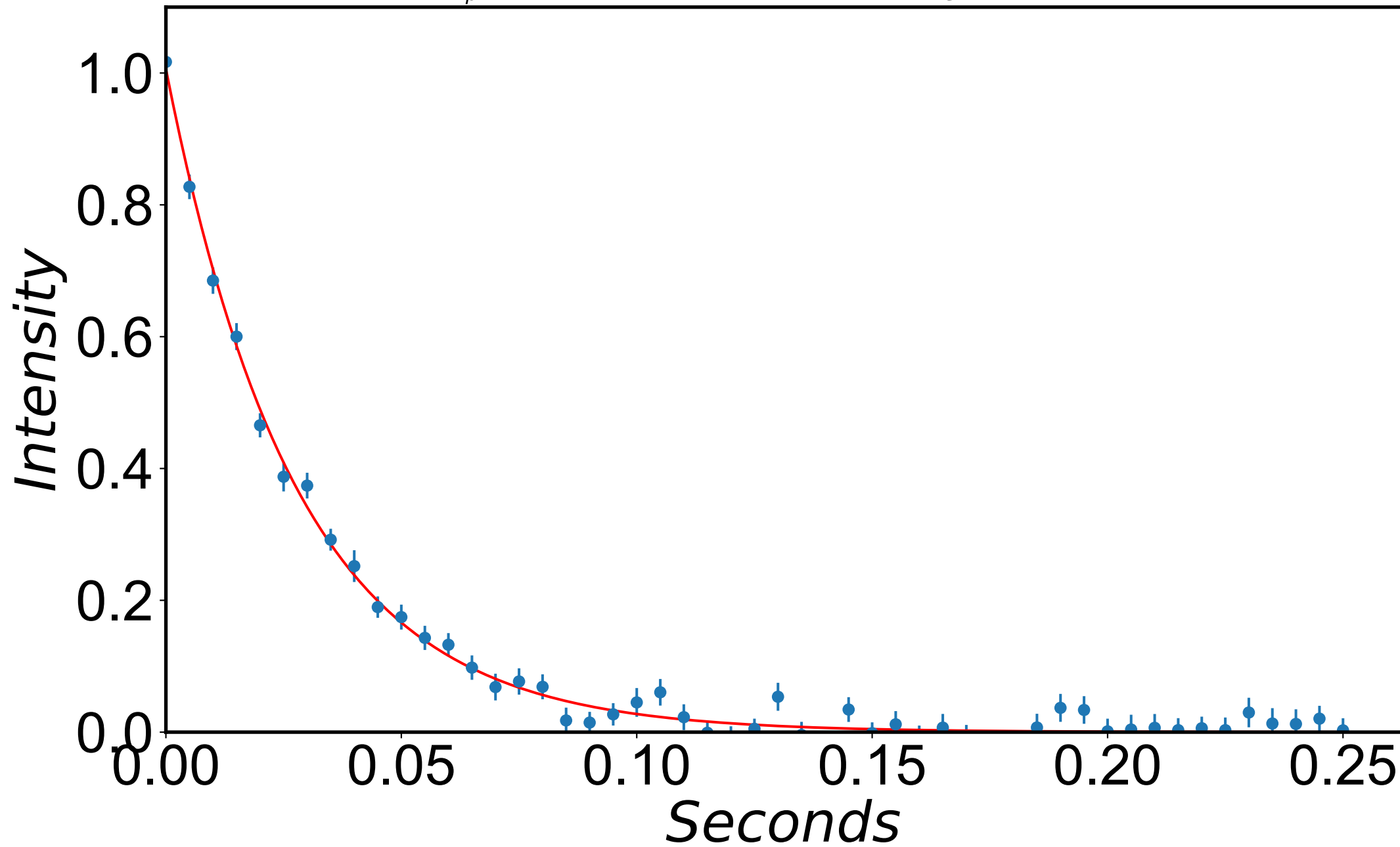
$$R_{1\rho} = 35.9 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -457 \text{ Hz}$$



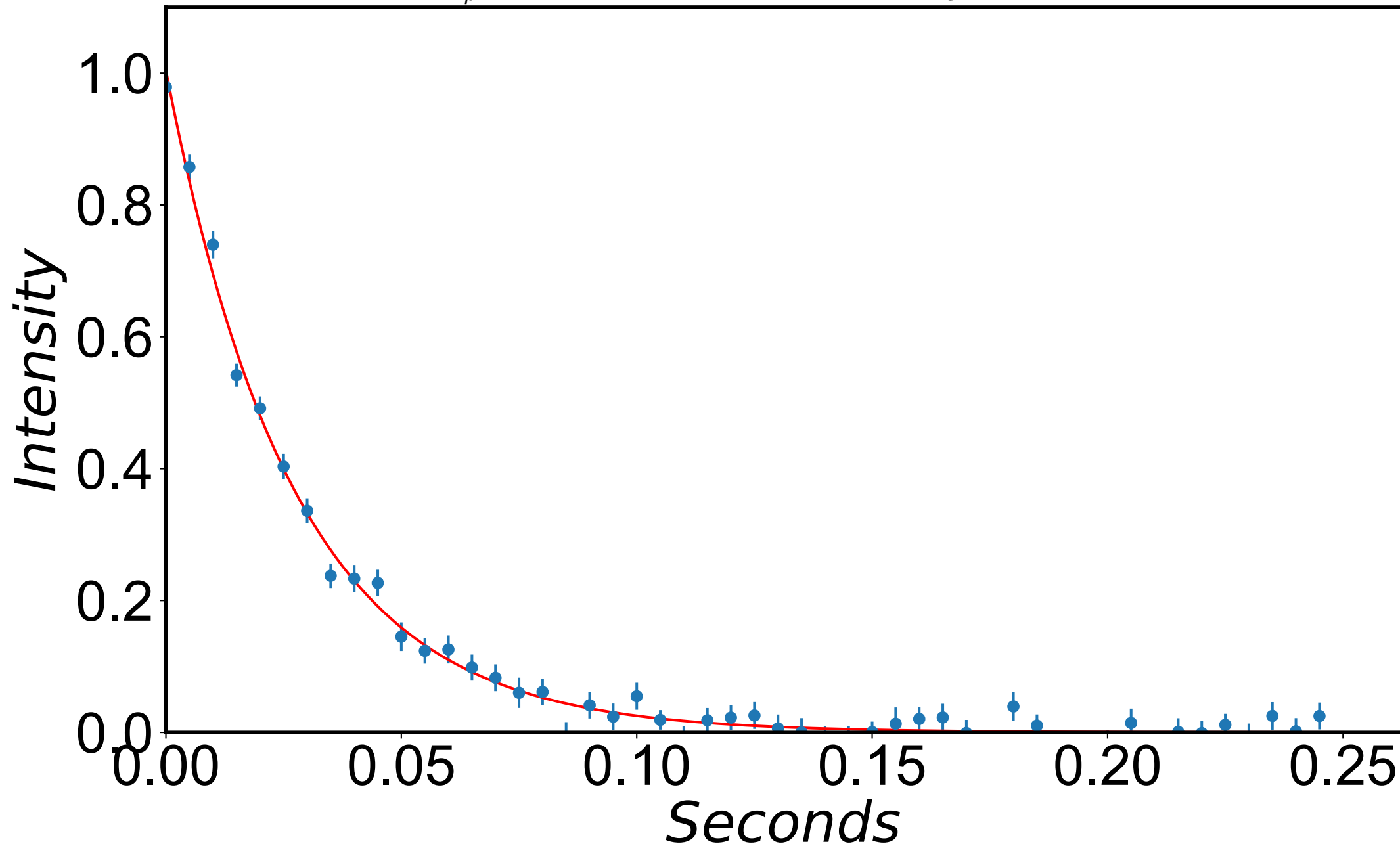
$$R_{1\rho} = 34.4 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -447 \text{ Hz}$$



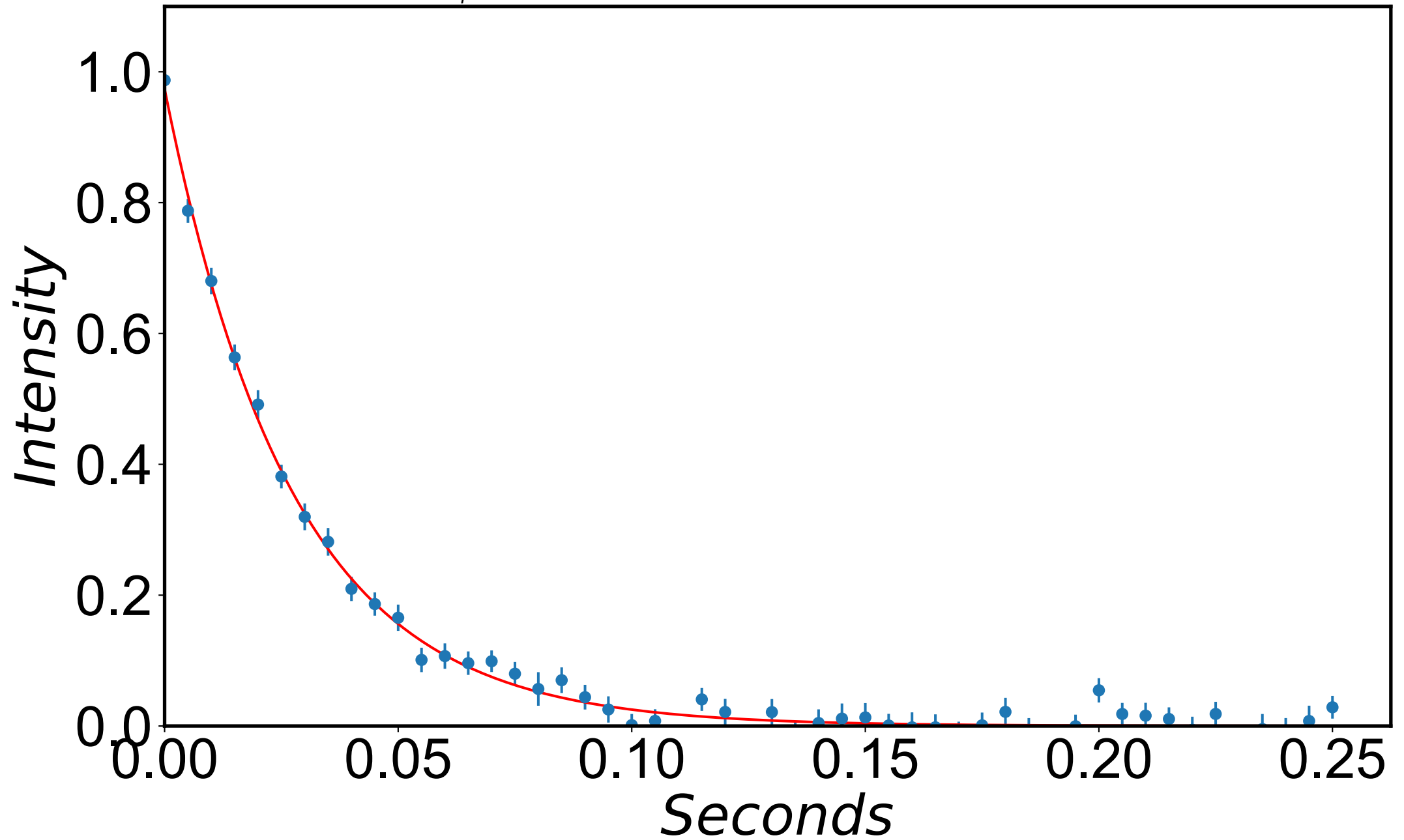
$$R_{1\rho} = 36.0 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -437 \text{ Hz}$$



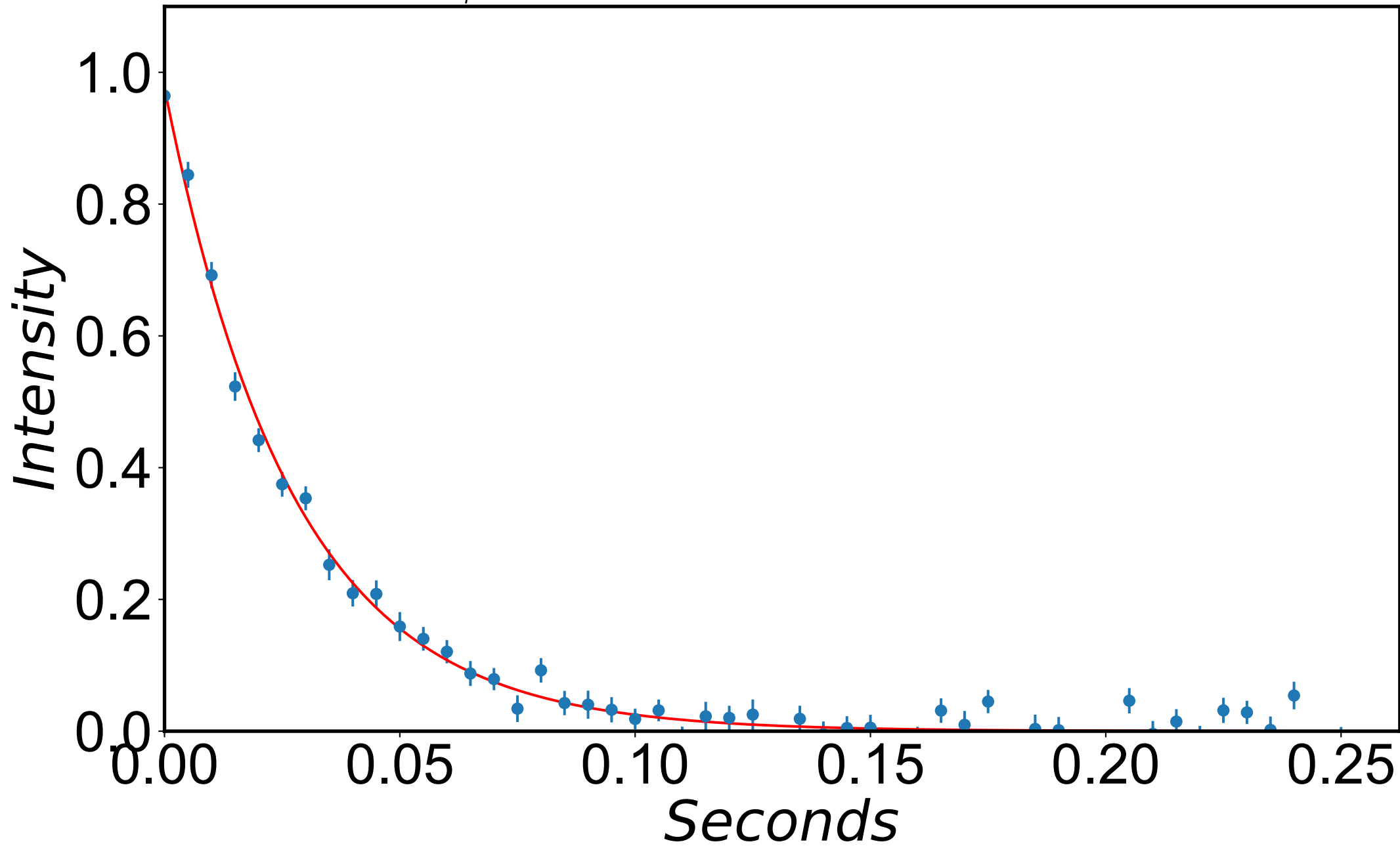
$$R_{1\rho} = 36.9 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -427 \text{ Hz}$$



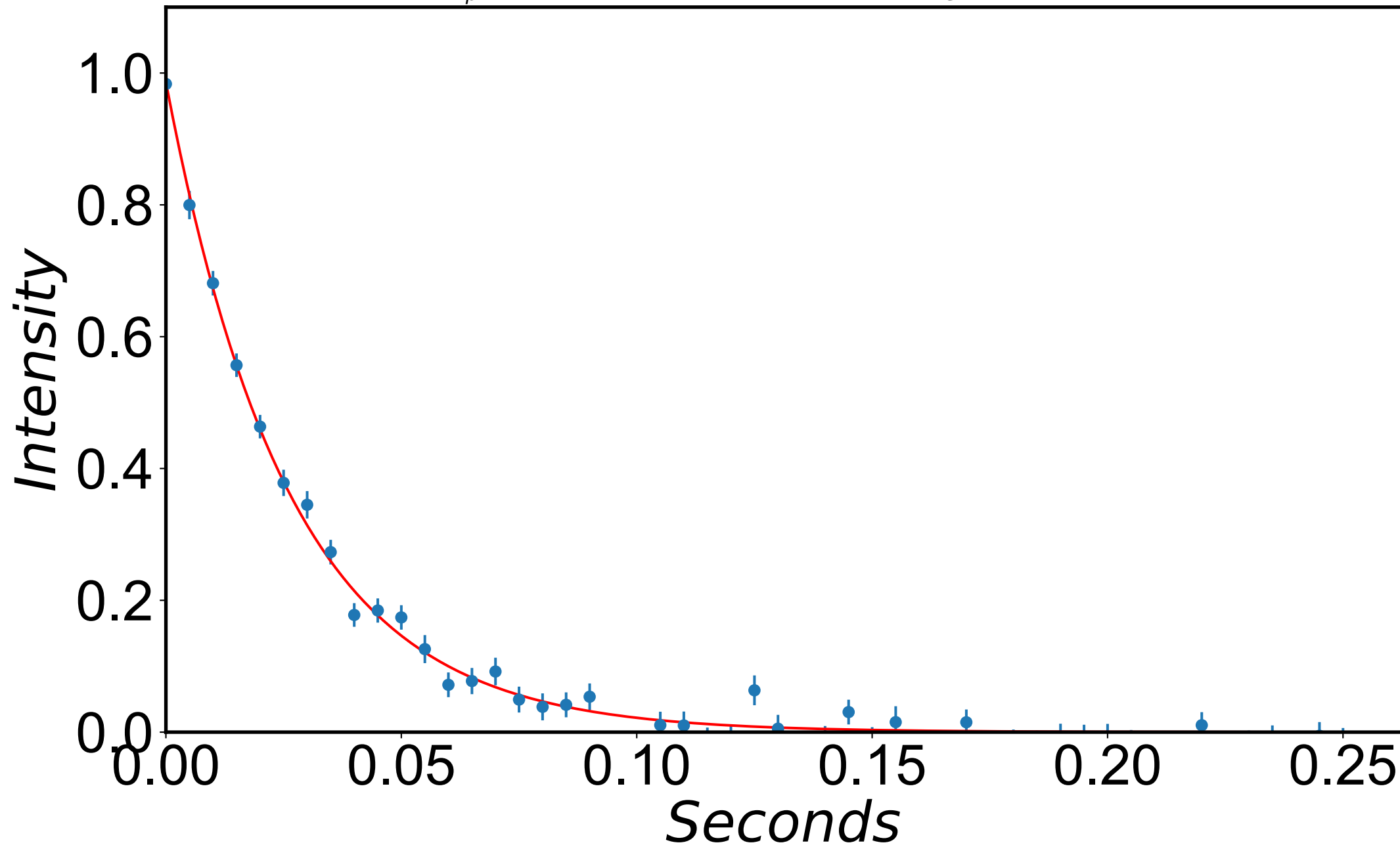
$$R_{1\rho} = 36.6 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -417 \text{ Hz}$$



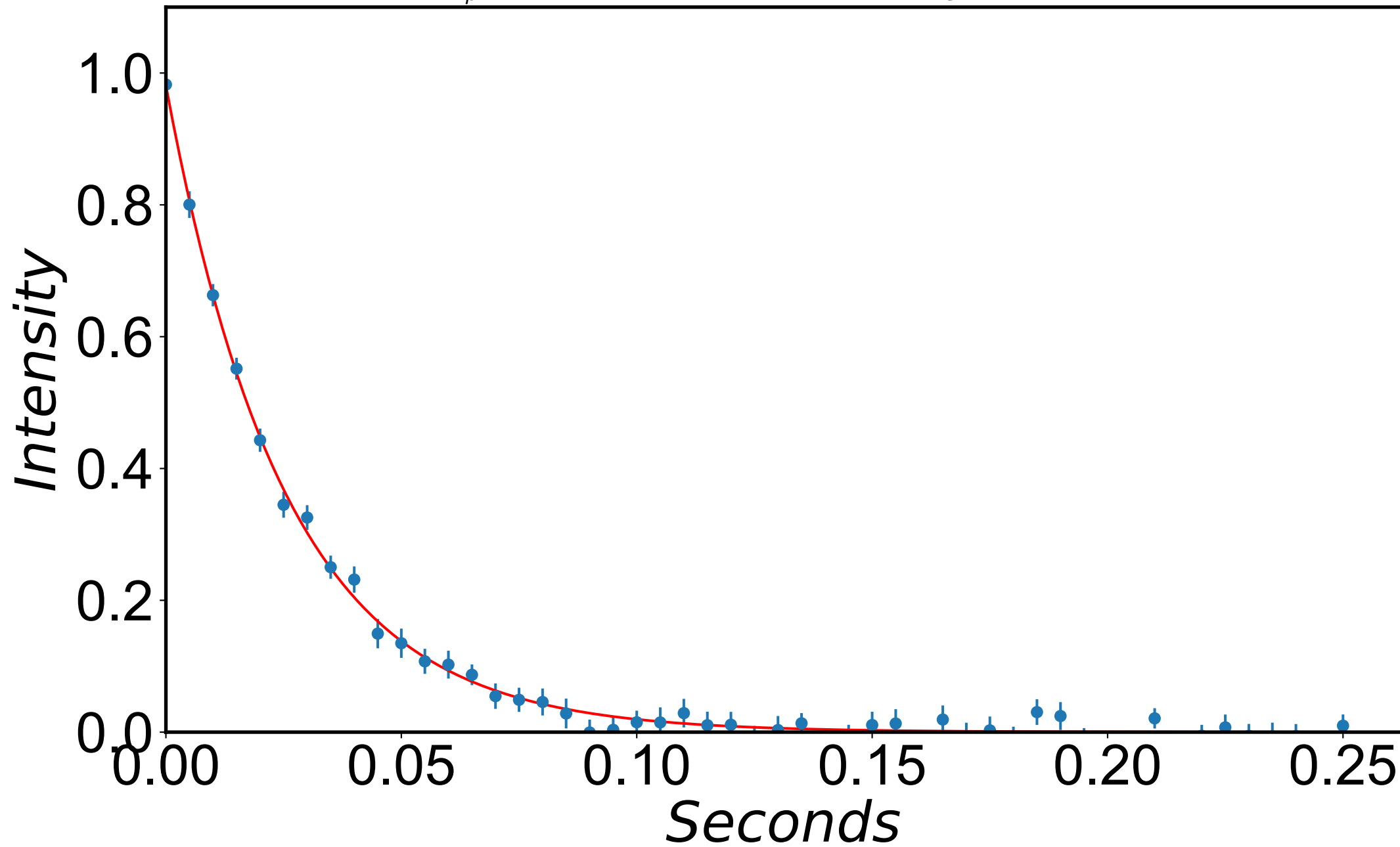
$$R_{1\rho} = 36.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -407 \text{ Hz}$$



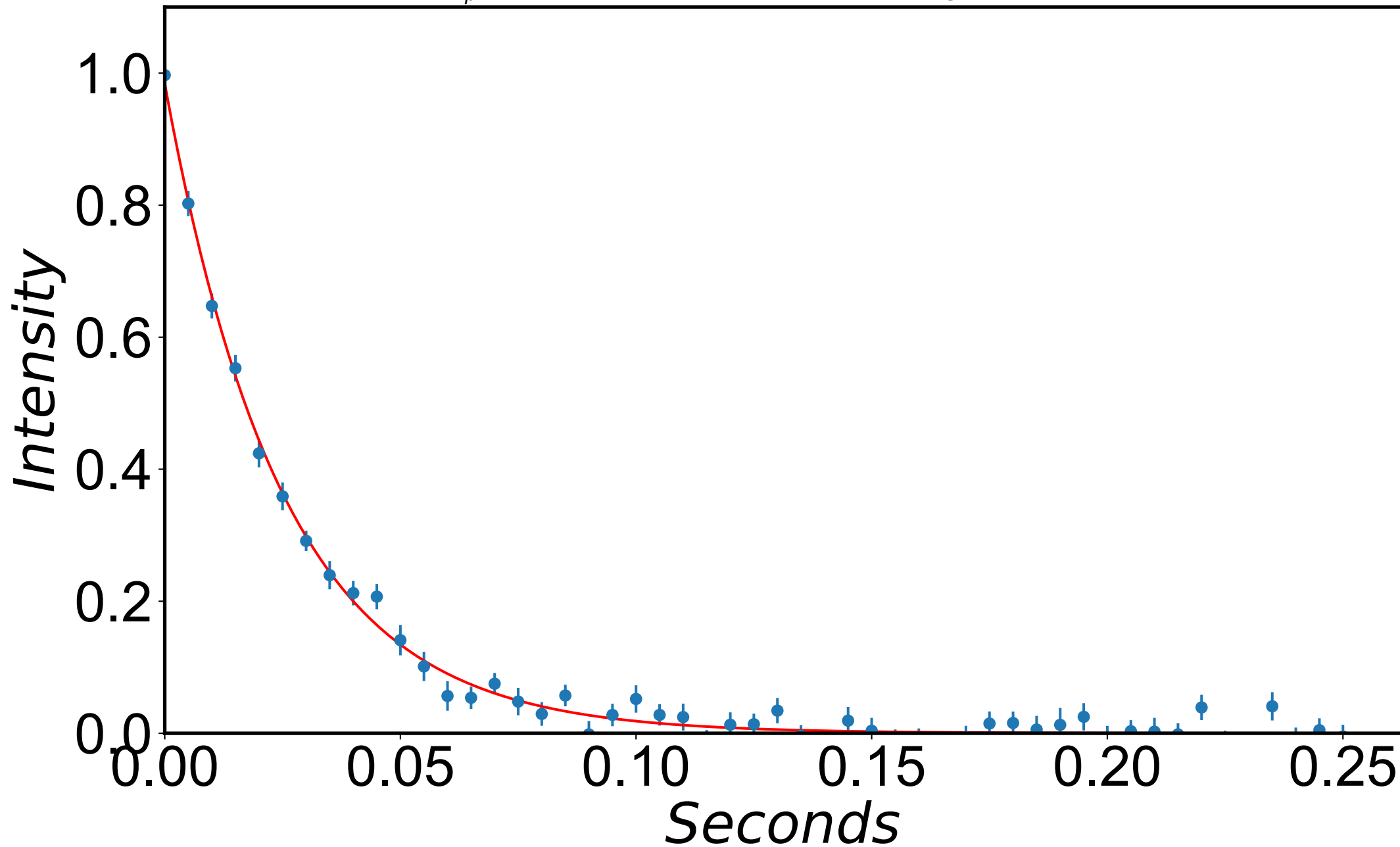
$$R_{1\rho} = 38.2 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -397 \text{ Hz}$$



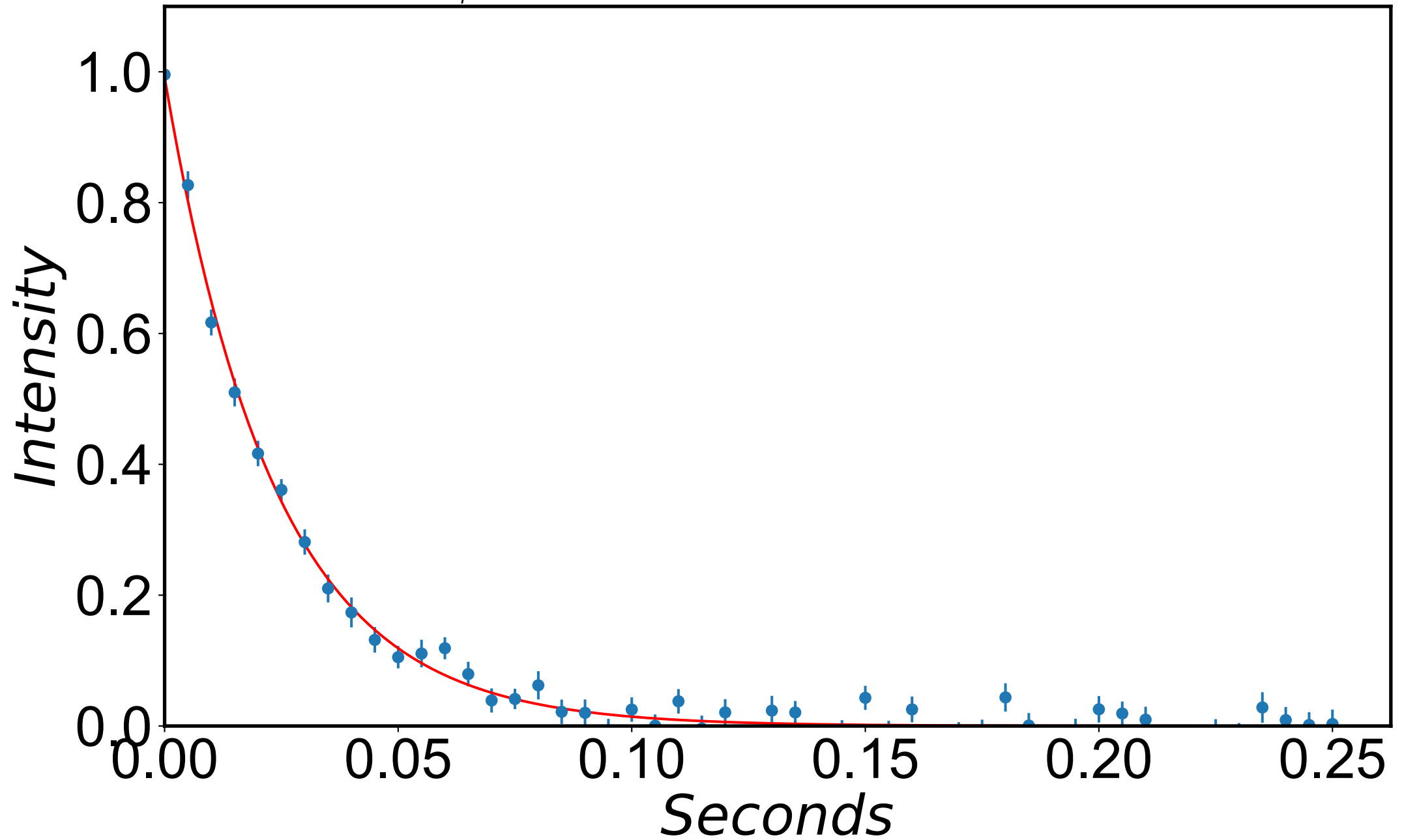
$$R_{1\rho} = 39.2 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -387 \text{ Hz}$$



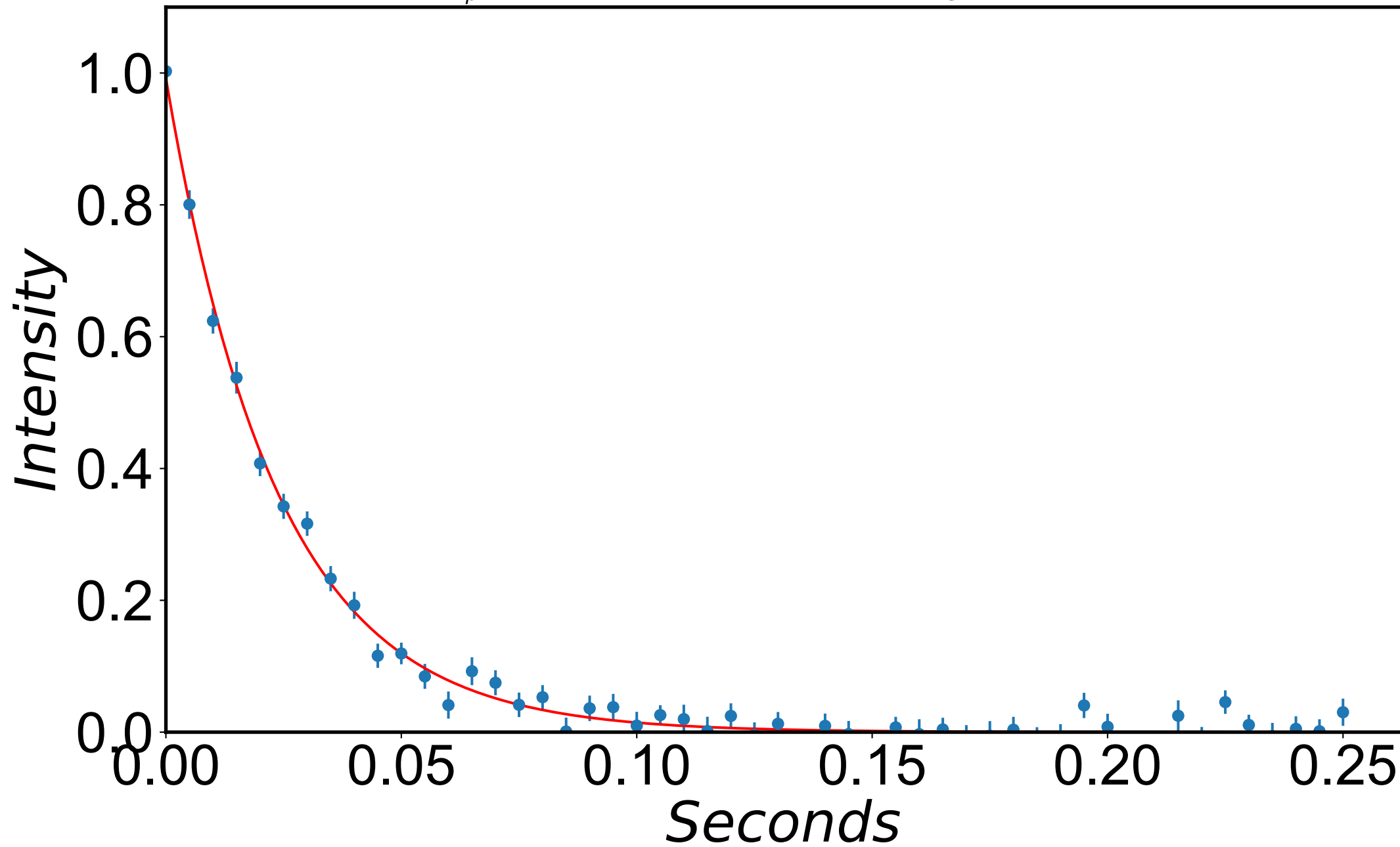
$$R_{1\rho} = 39.8 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -377 \text{ Hz}$$



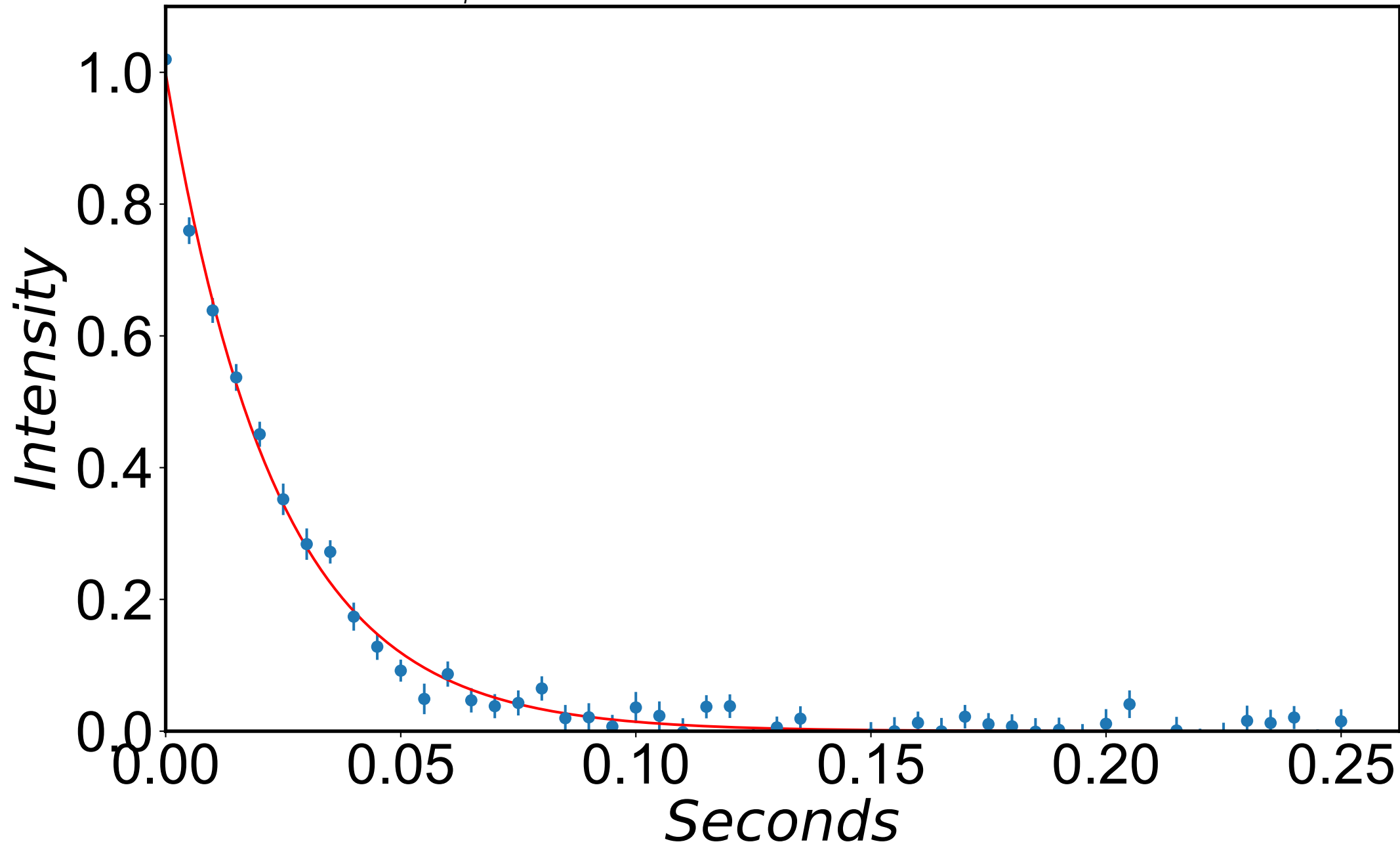
$$R_{1\rho} = 42.4 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -367 \text{ Hz}$$



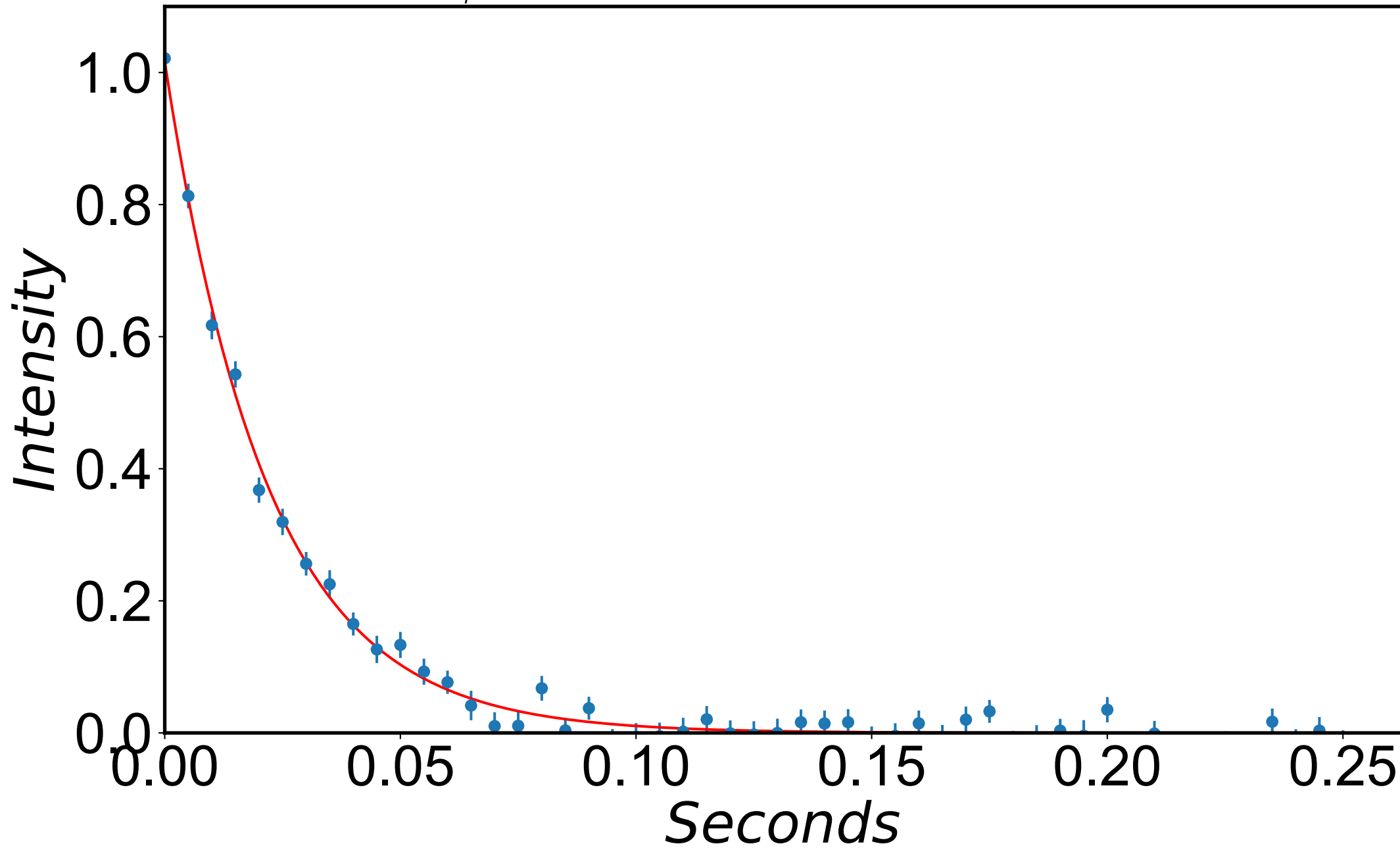
$$R_{1\rho} = 42.3 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -357 \text{ Hz}$$



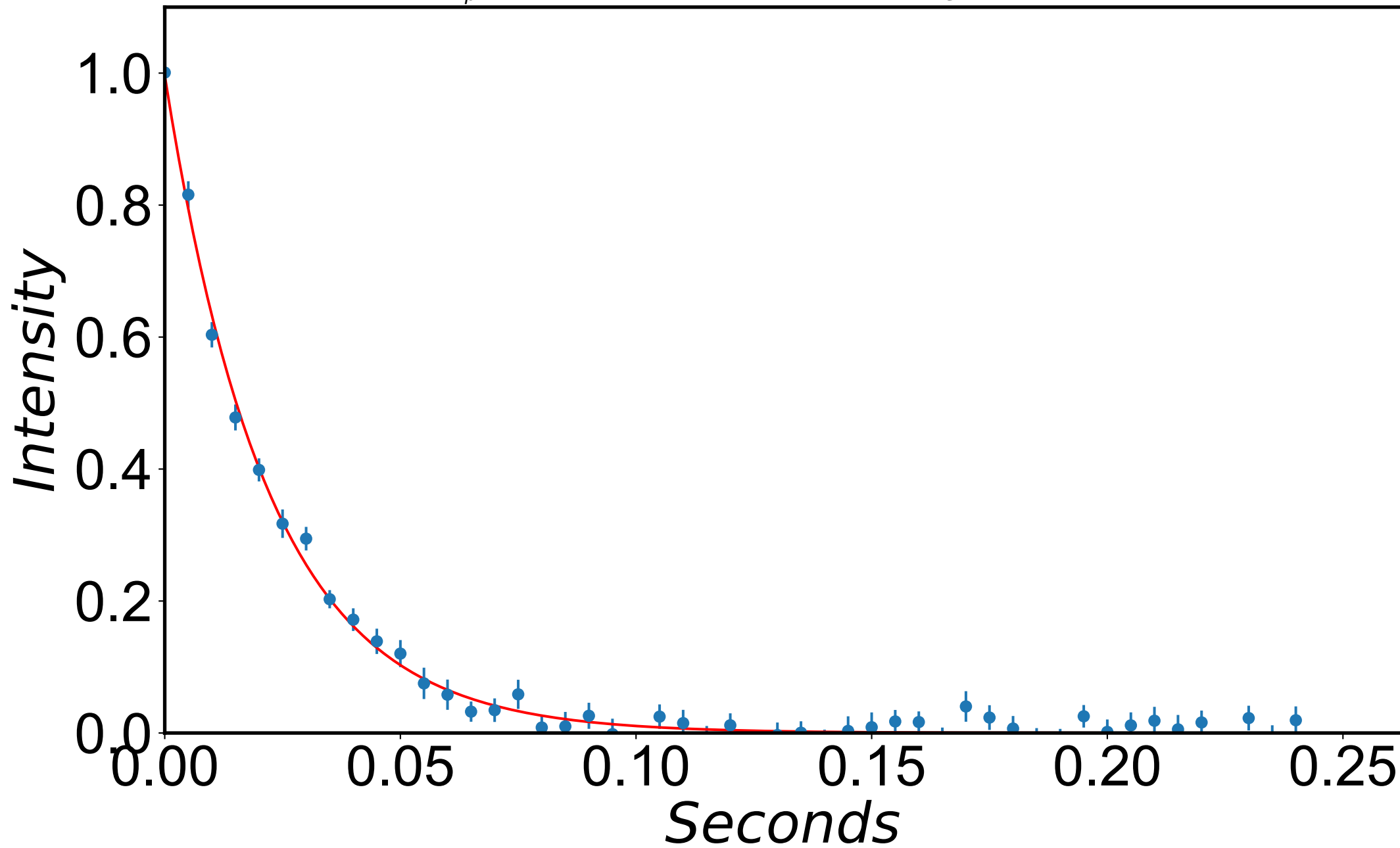
$$R_{1\rho} = 42.5 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -347 \text{ Hz}$$



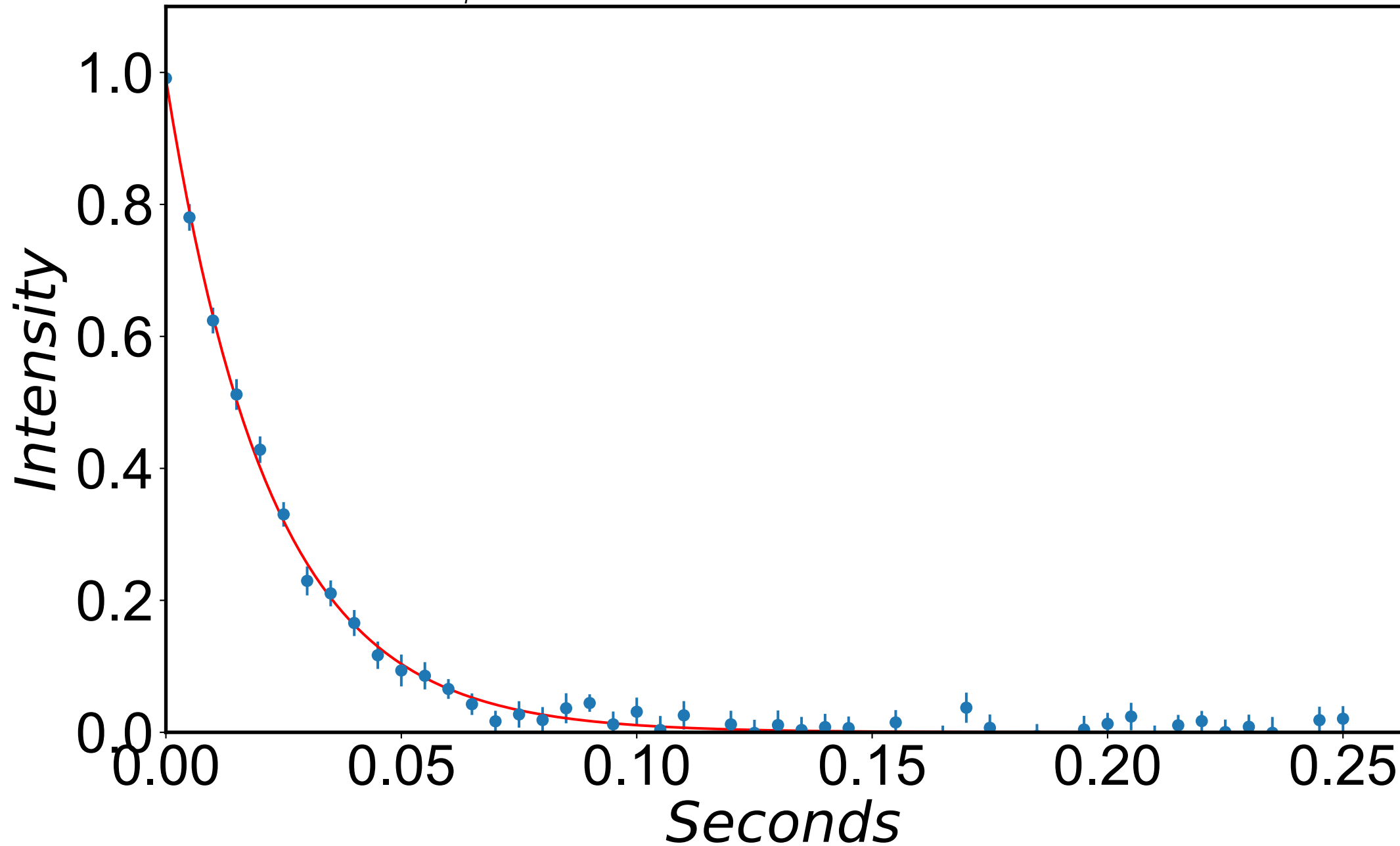
$$R_{1\rho} = 45.7 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -337 \text{ Hz}$$



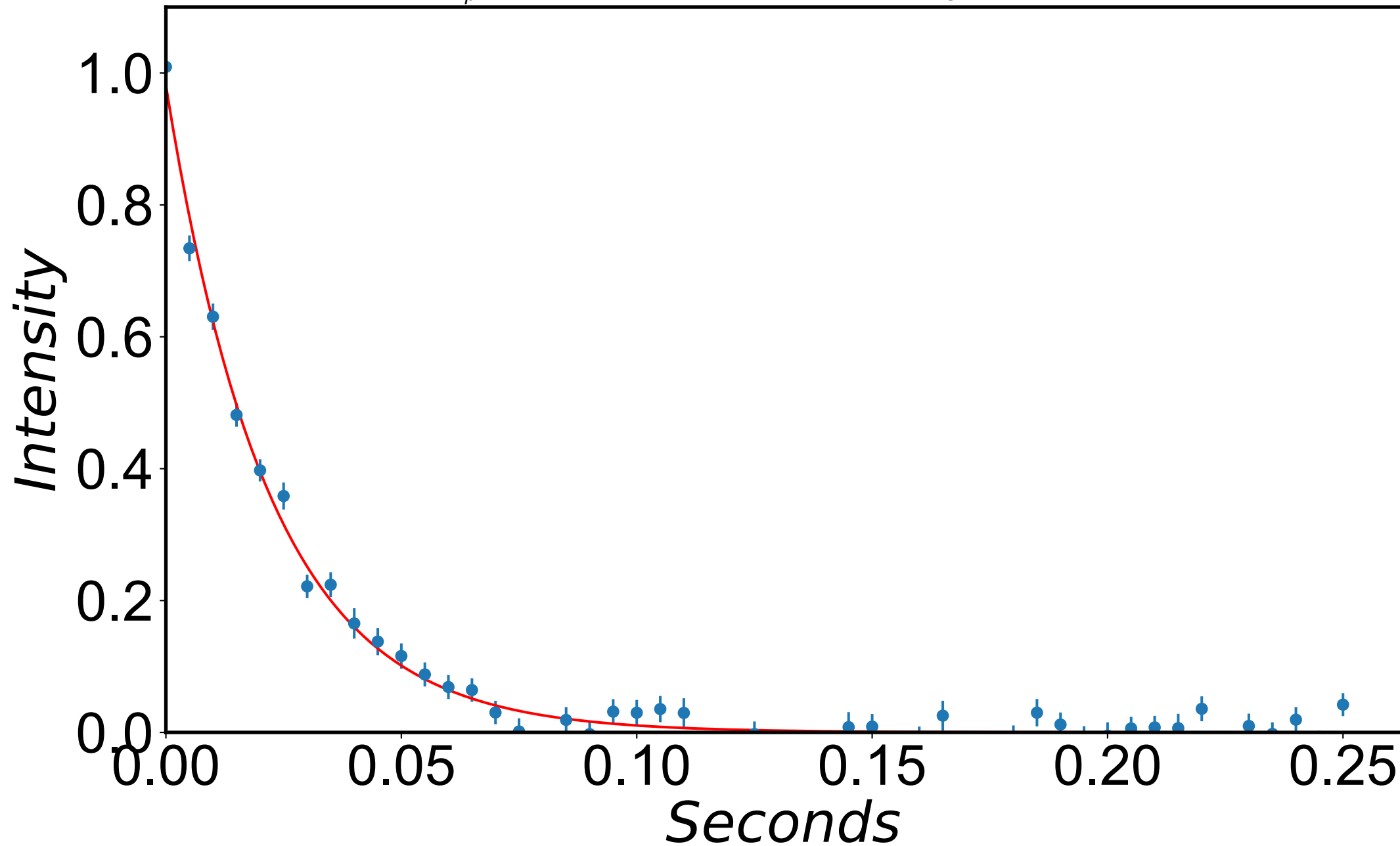
$$R_{1\rho} = 45.4 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -327 \text{ Hz}$$



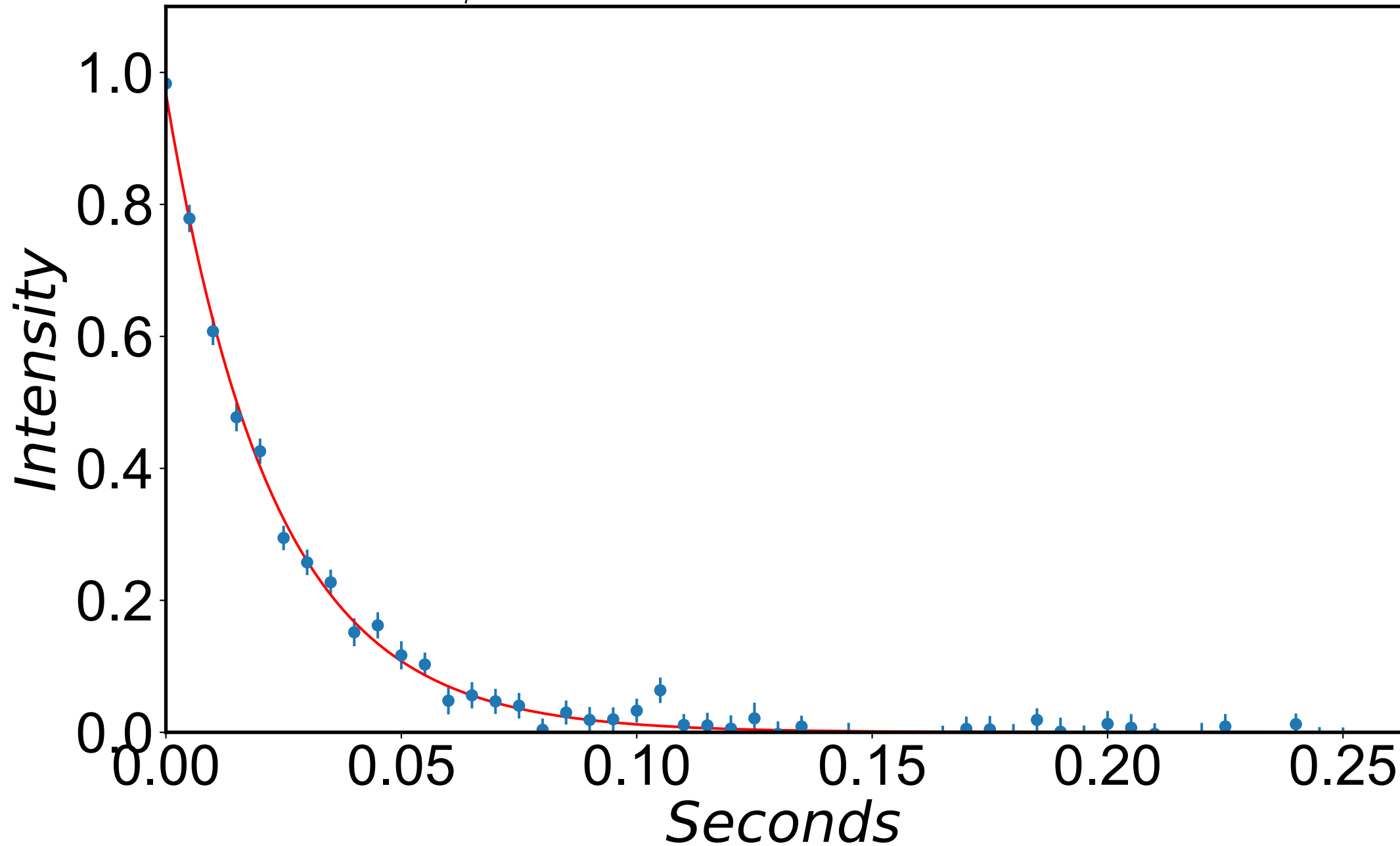
$$R_{1\rho} = 45.1 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -317 \text{ Hz}$$



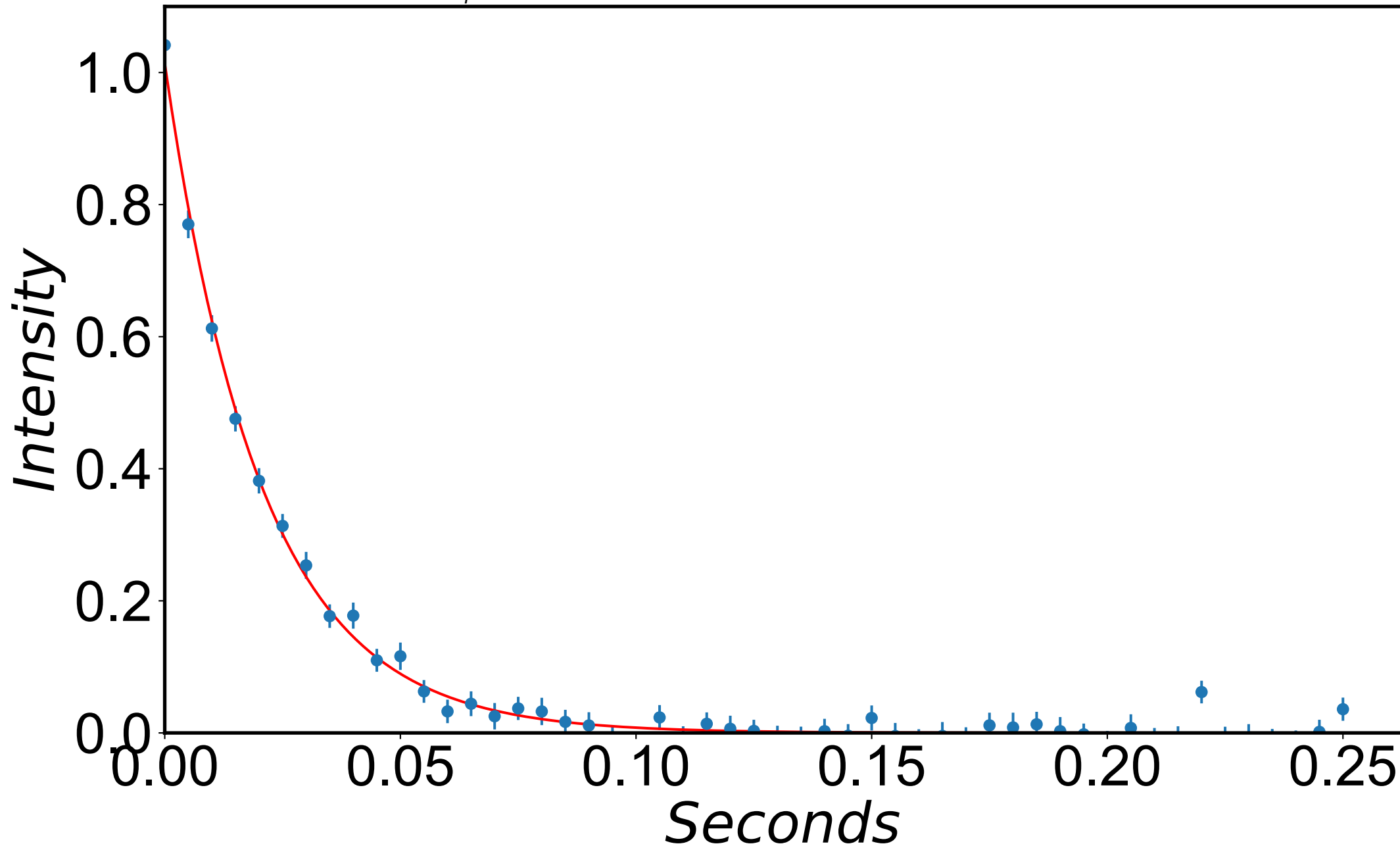
$$R_{1\rho} = 45.4 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -307 \text{ Hz}$$



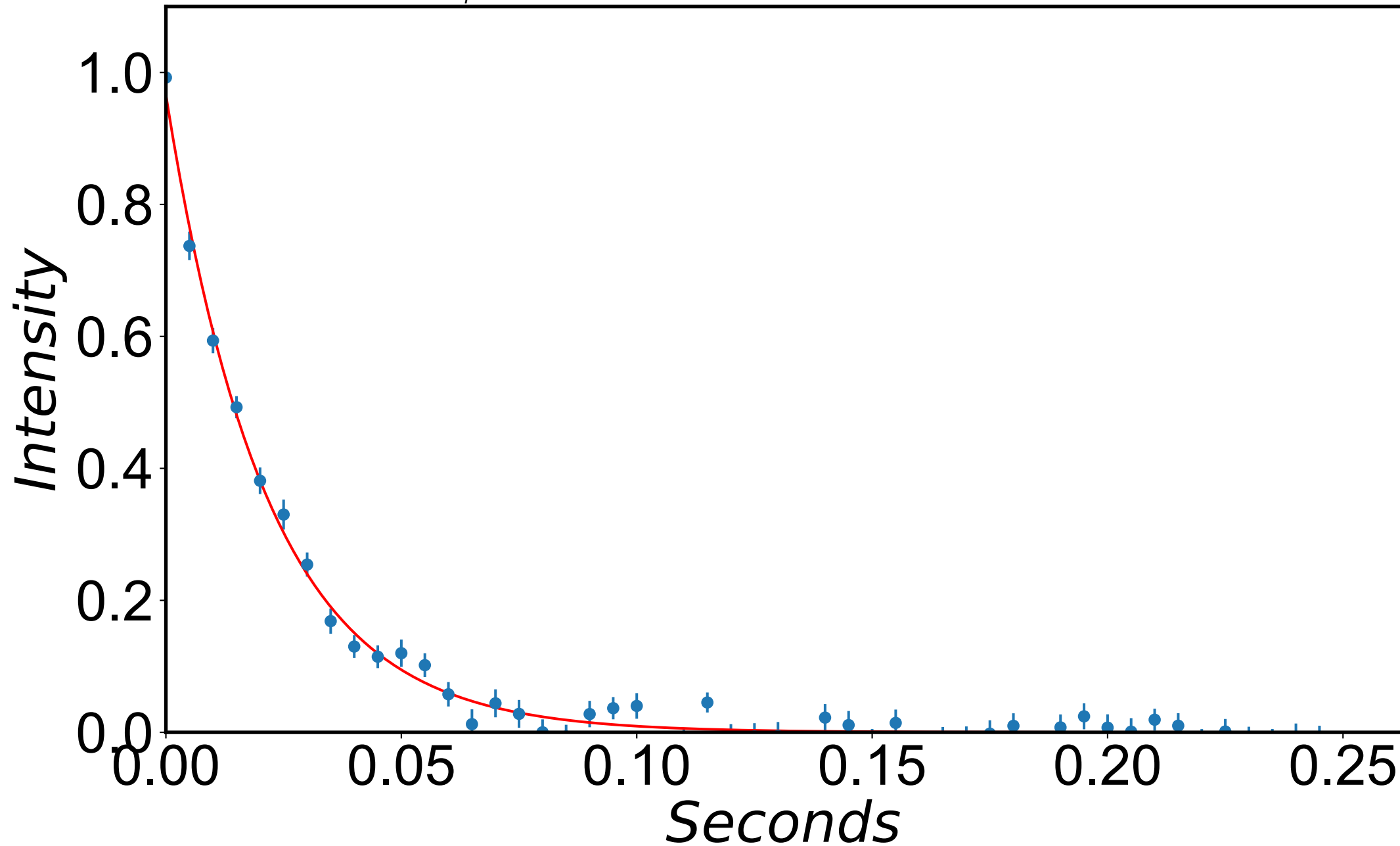
$$R_{1\rho} = 43.9 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -296 \text{ Hz}$$



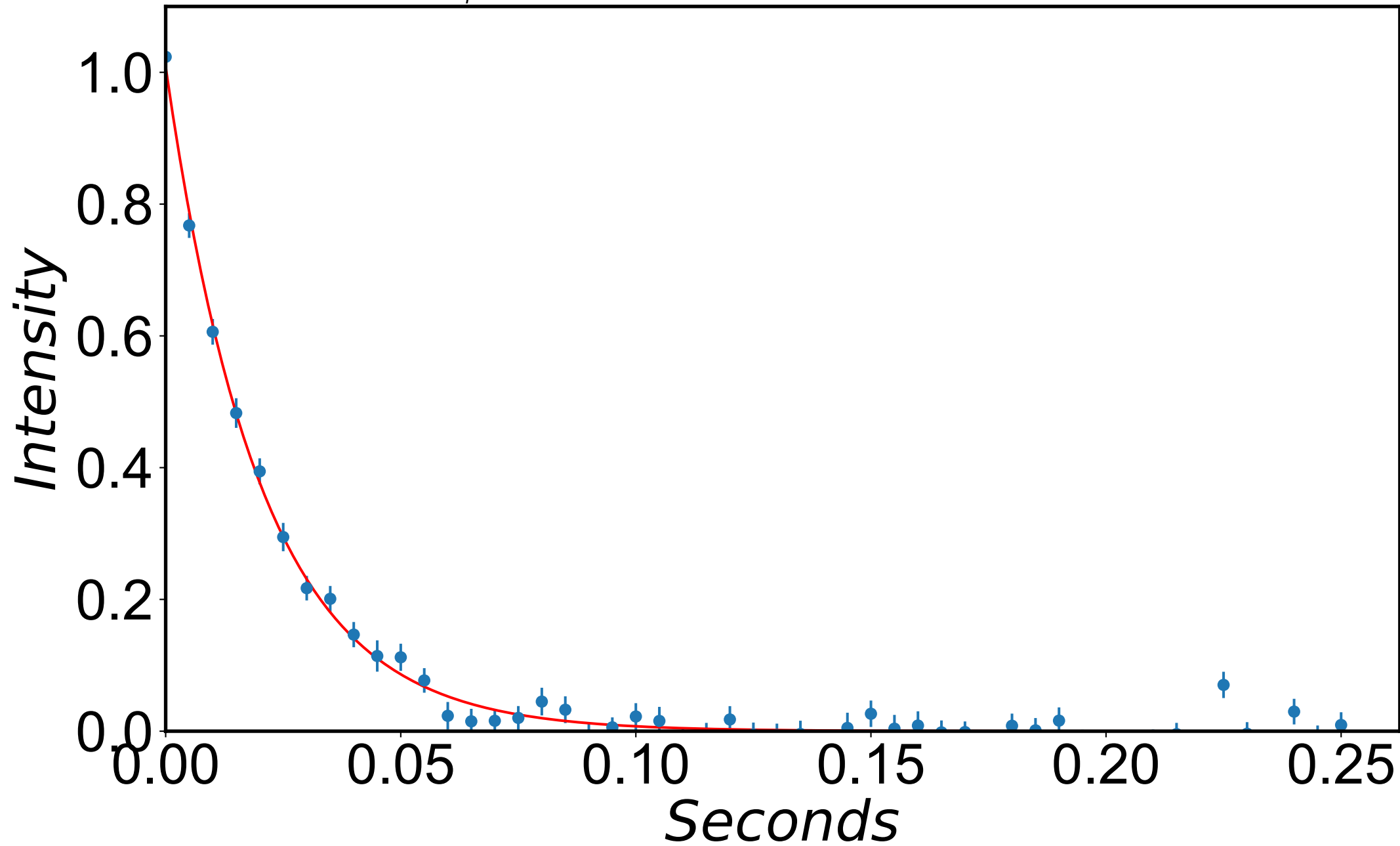
$$R_{1\rho} = 48.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -286 \text{ Hz}$$



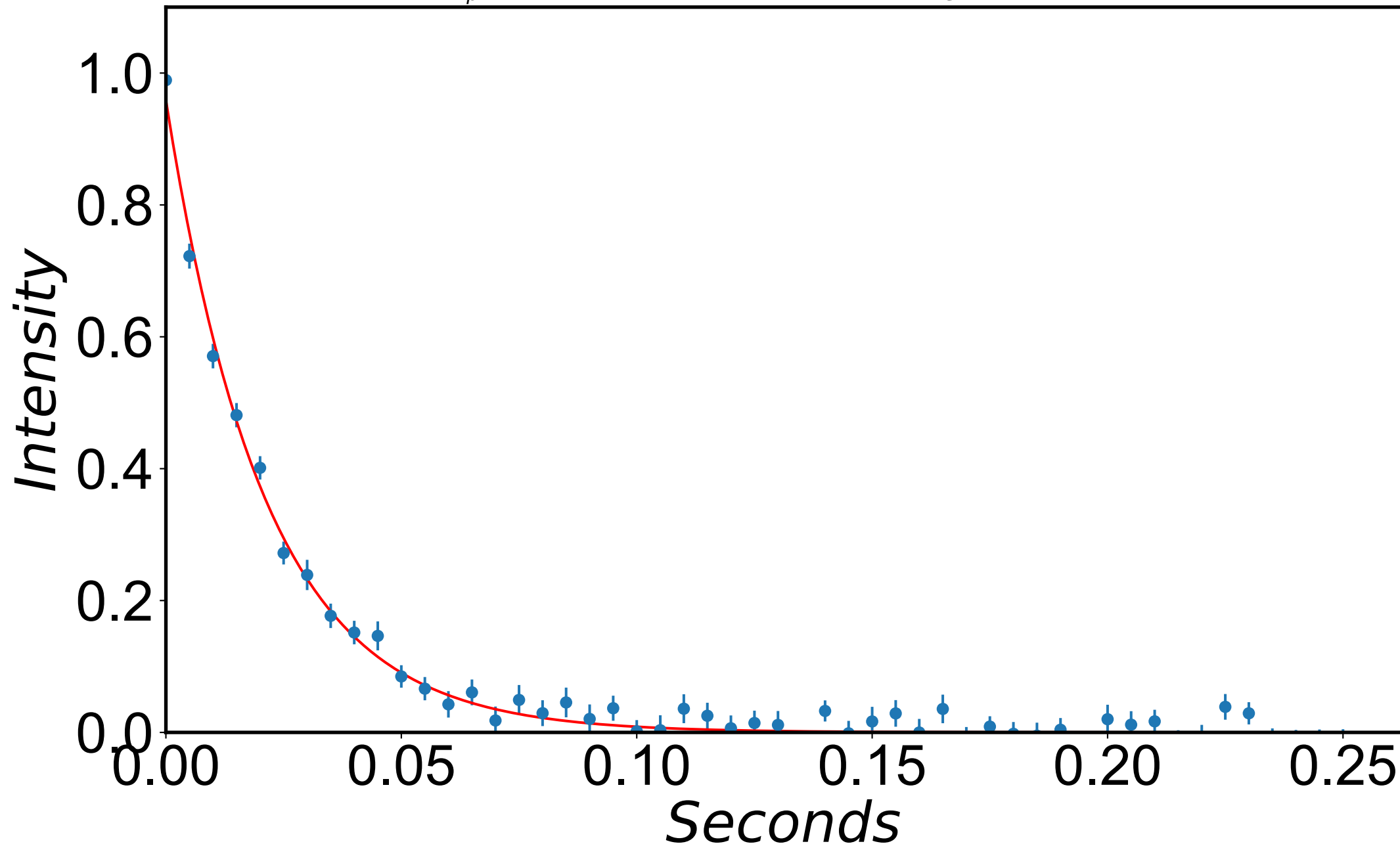
$$R_{1\rho} = 46.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -276 \text{ Hz}$$



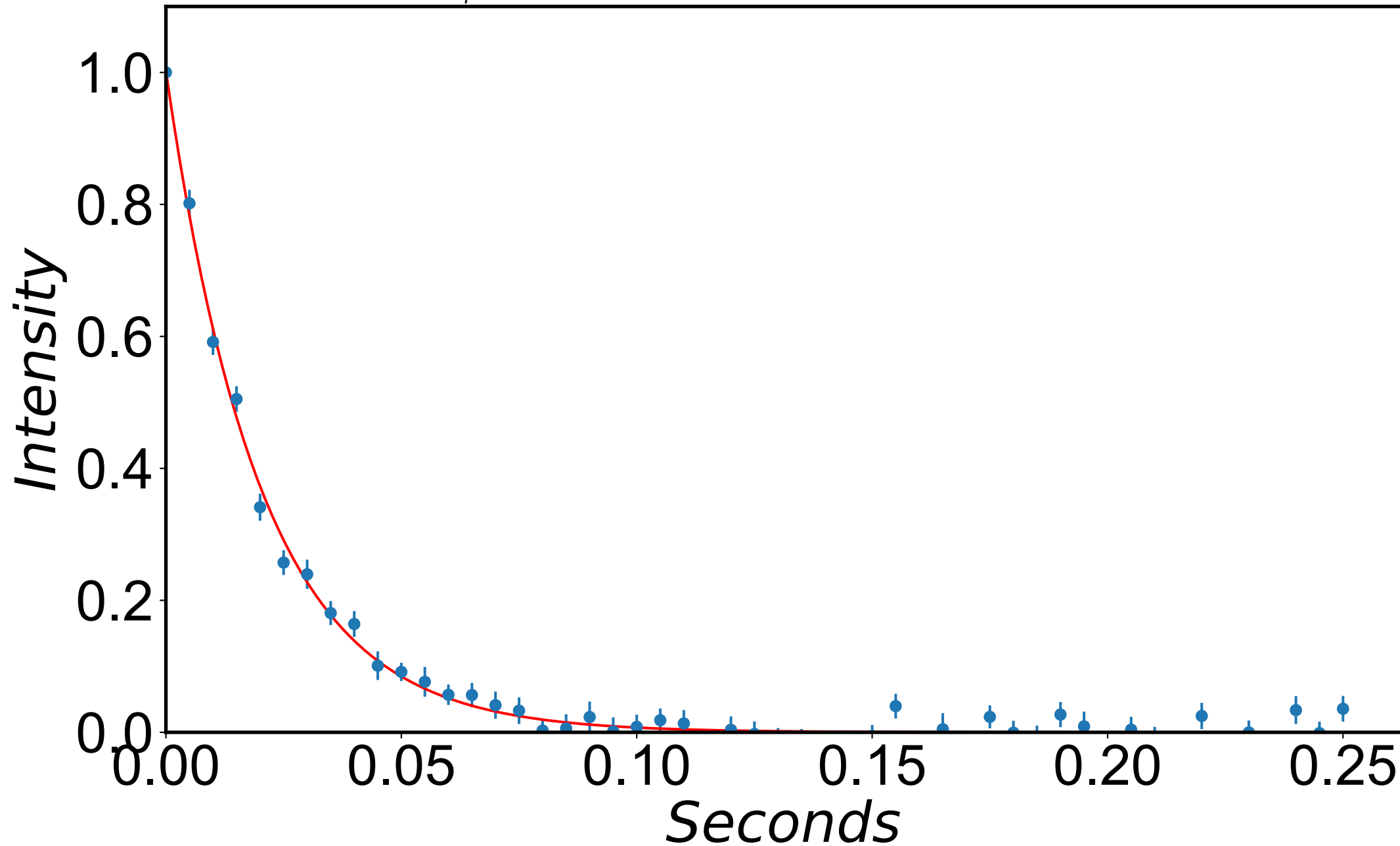
$$R_{1\rho} = 49.2 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -266 \text{ Hz}$$



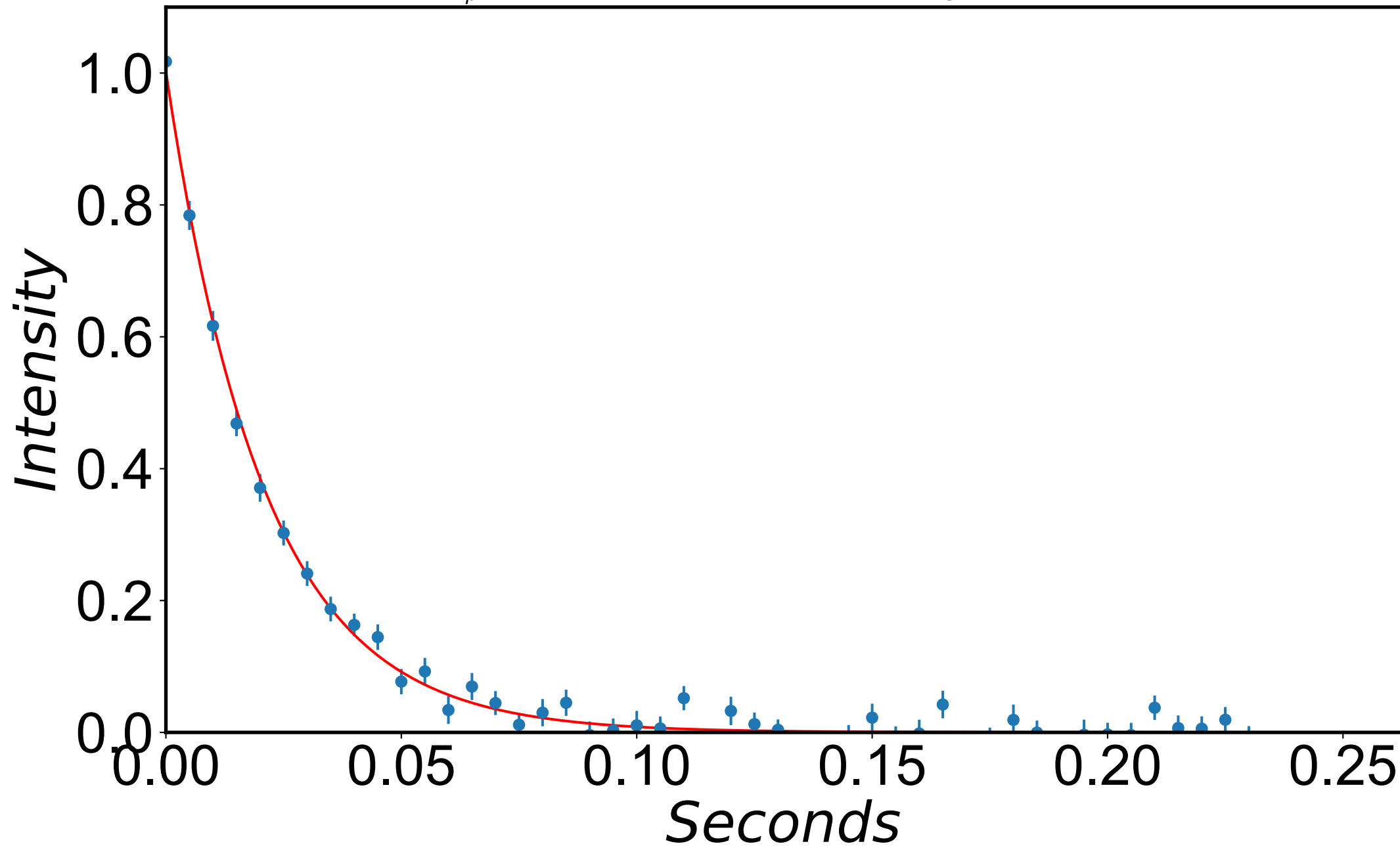
$$R_{1\rho} = 47.2 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -256 \text{ Hz}$$



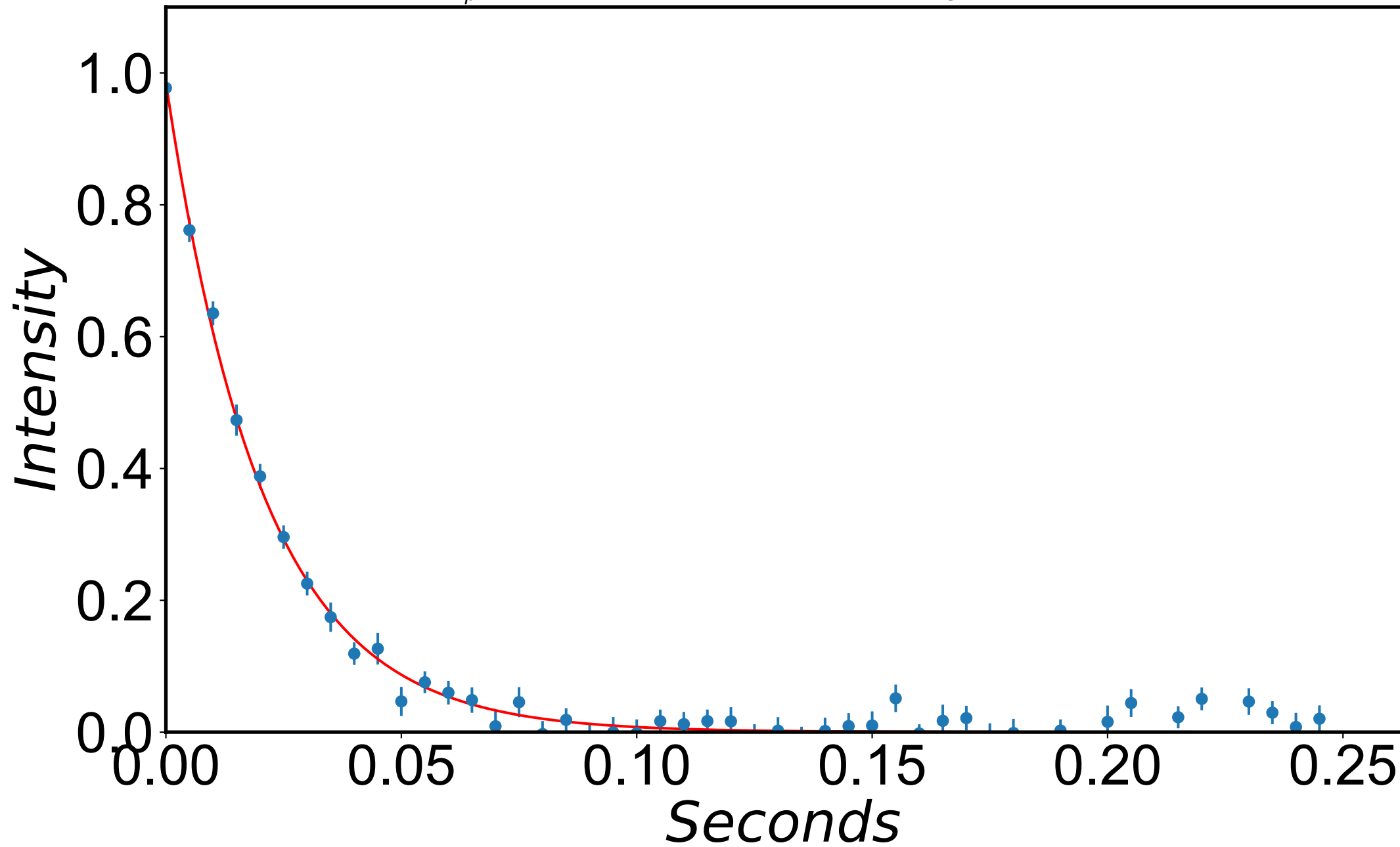
$$R_{1\rho} = 49.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -246 \text{ Hz}$$



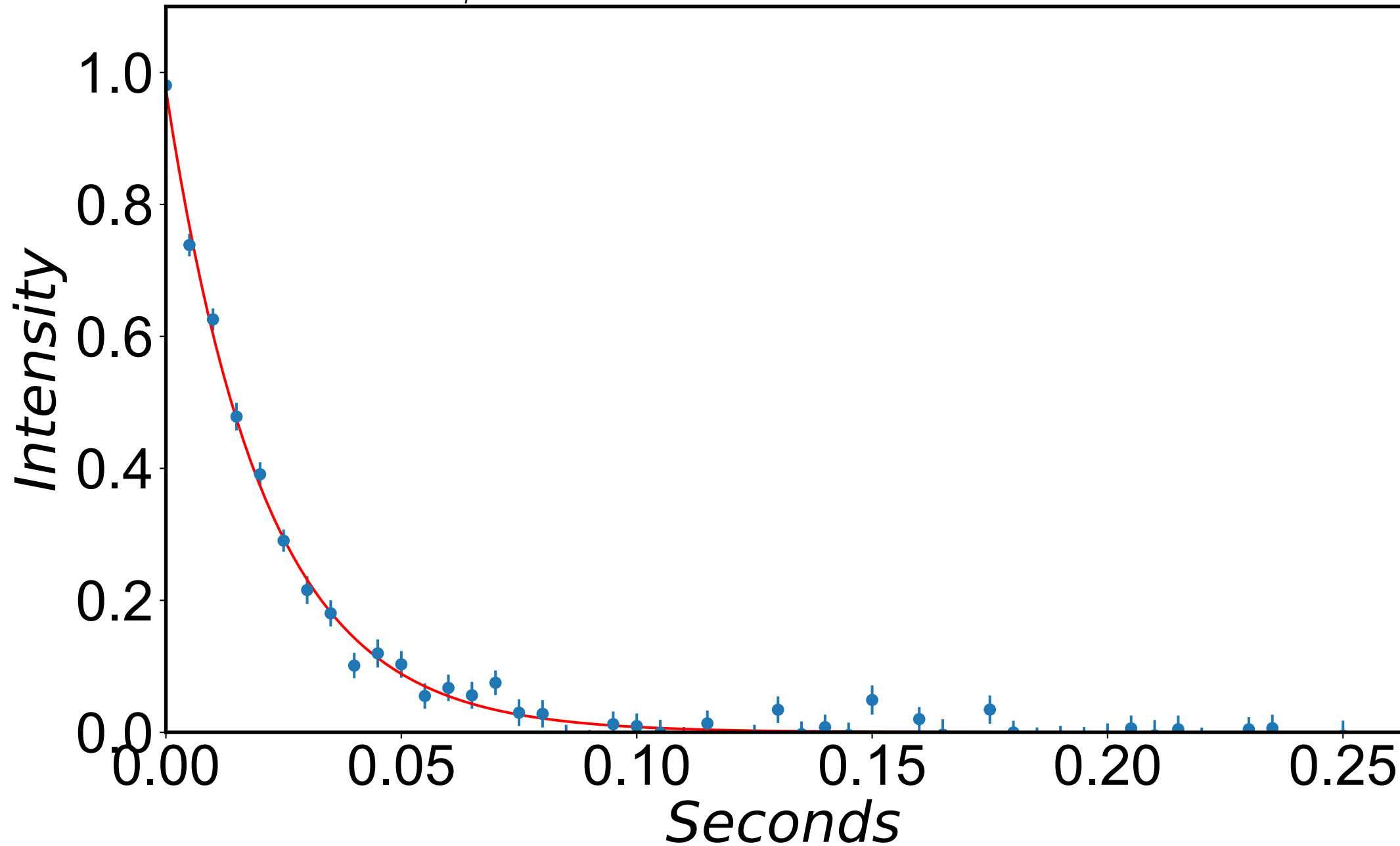
$$R_{1\rho} = 47.8 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -236 \text{ Hz}$$



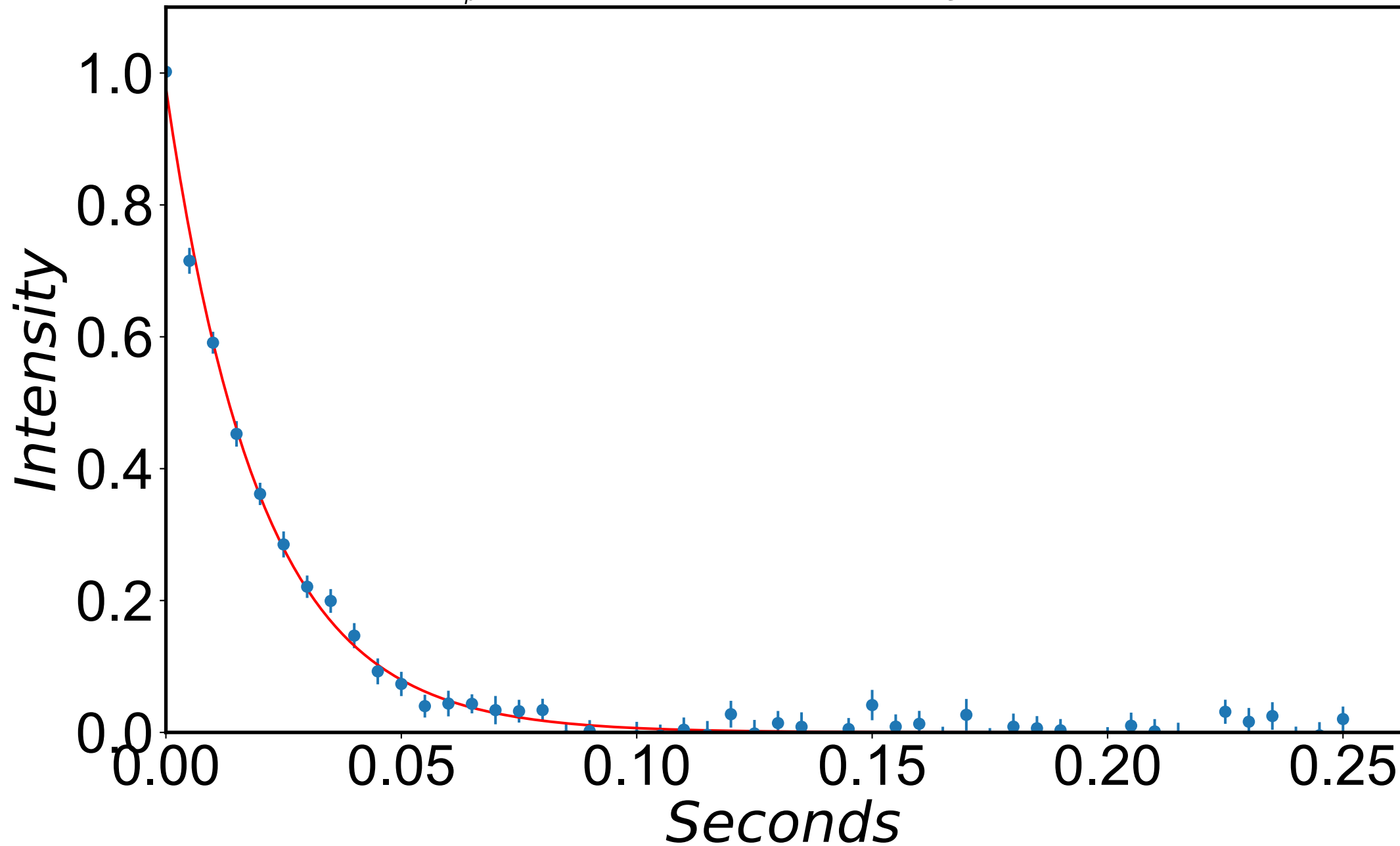
$$R_{1\rho} = 48.5 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -226 \text{ Hz}$$



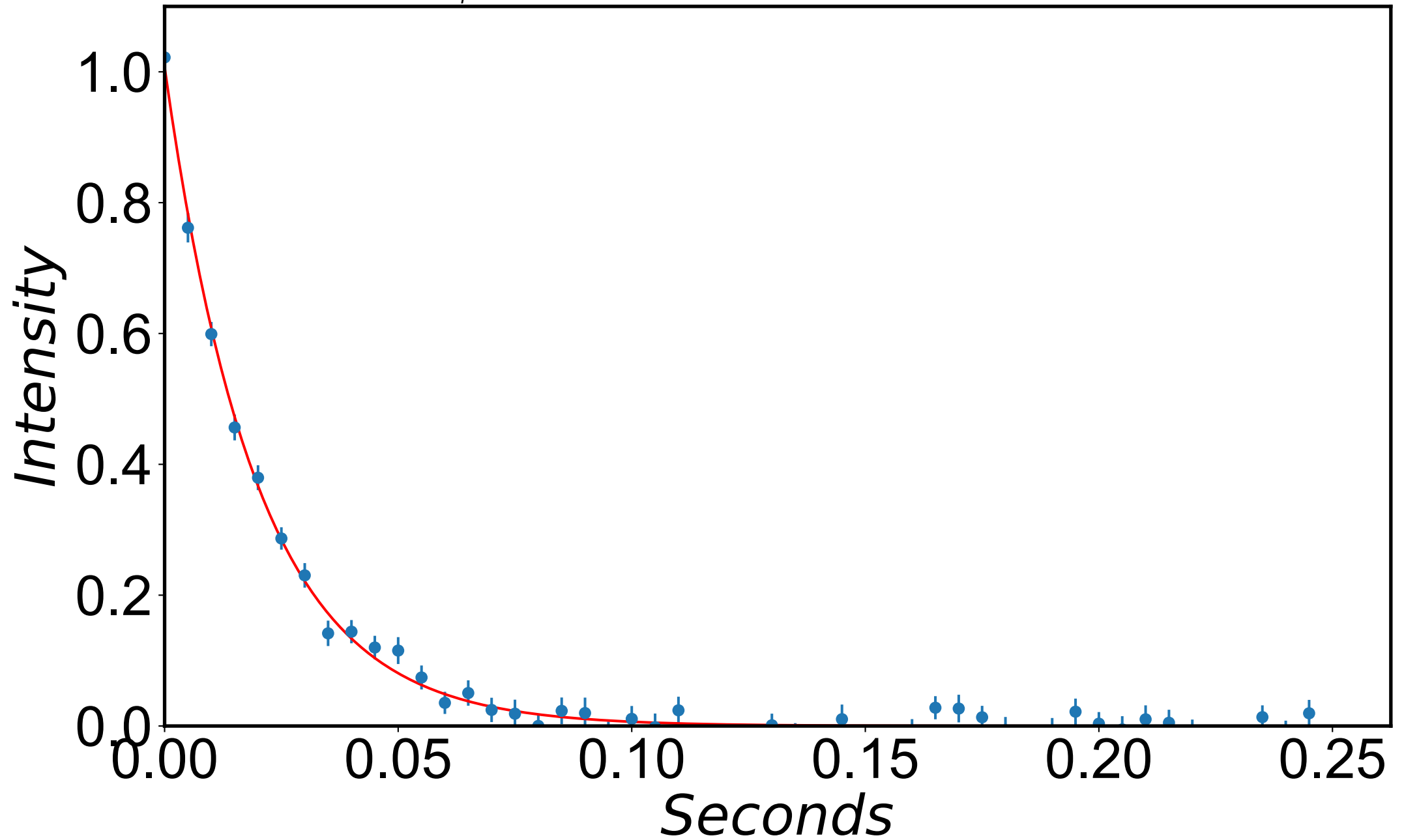
$$R_{1\rho} = 48.0 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -216 \text{ Hz}$$



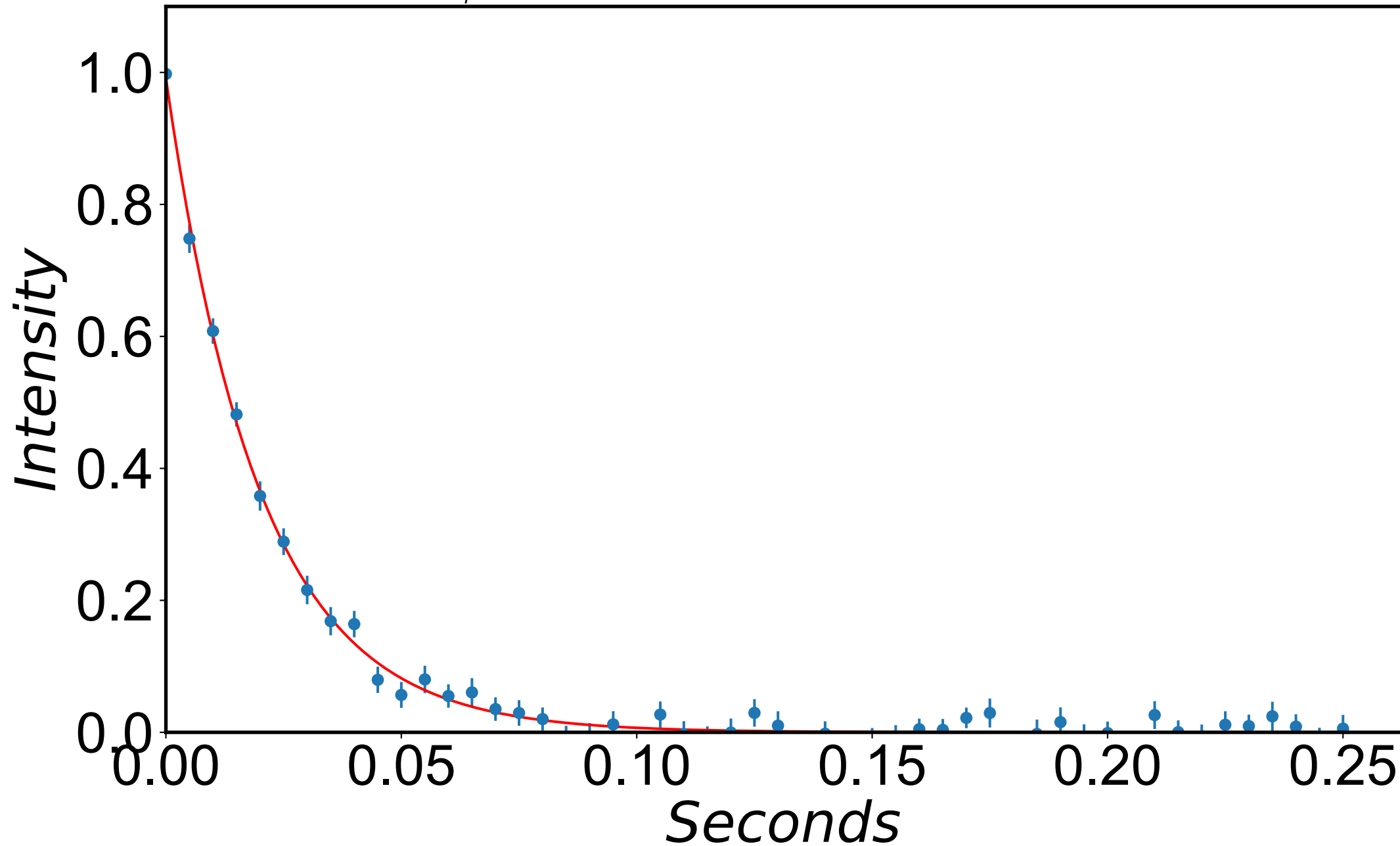
$$R_{1\rho} = 50.1 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -206 \text{ Hz}$$



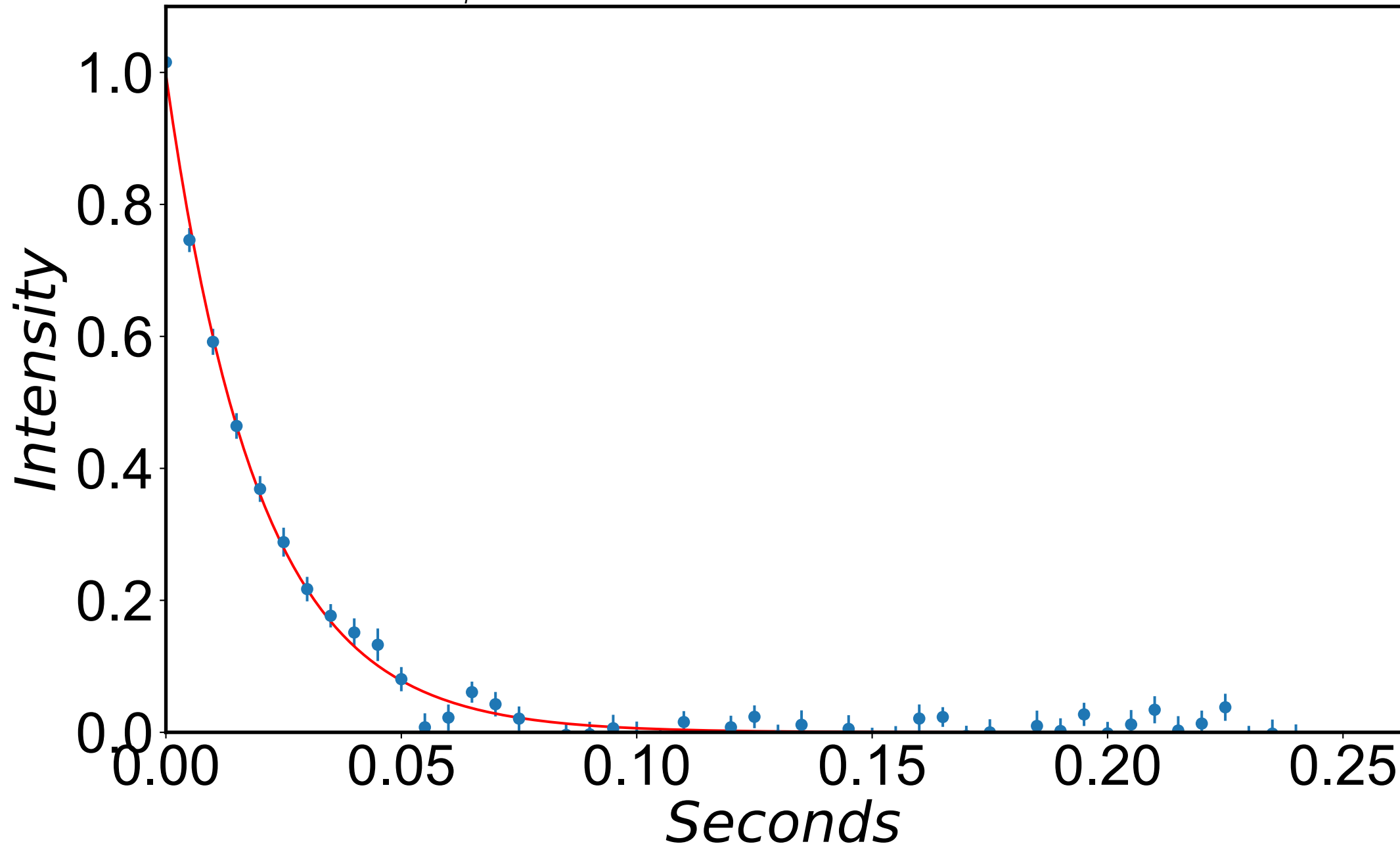
$$R_{1\rho} = 50.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -196 \text{ Hz}$$



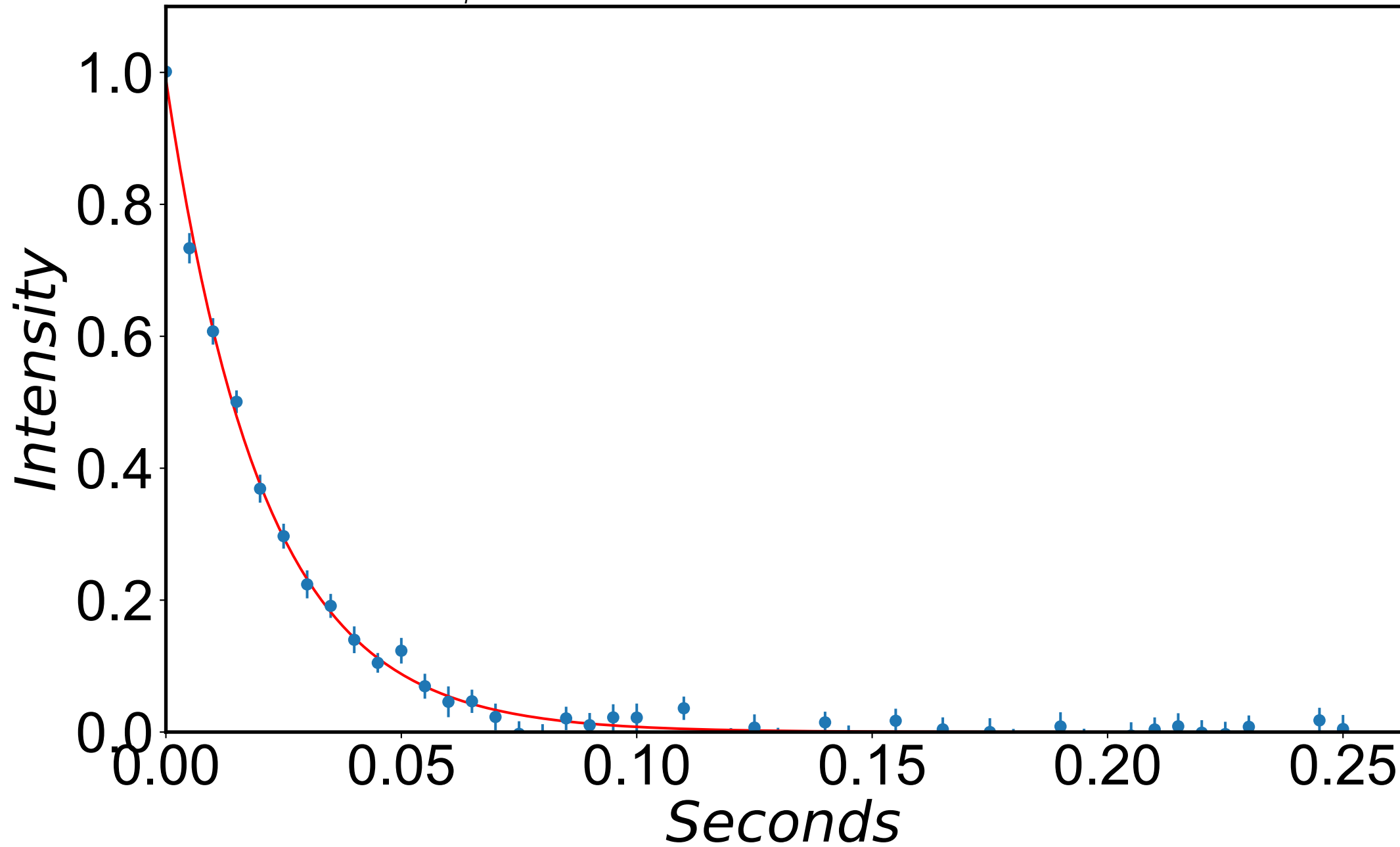
$$R_{1\rho} = 49.9 \pm 1.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -186 \text{ Hz}$$



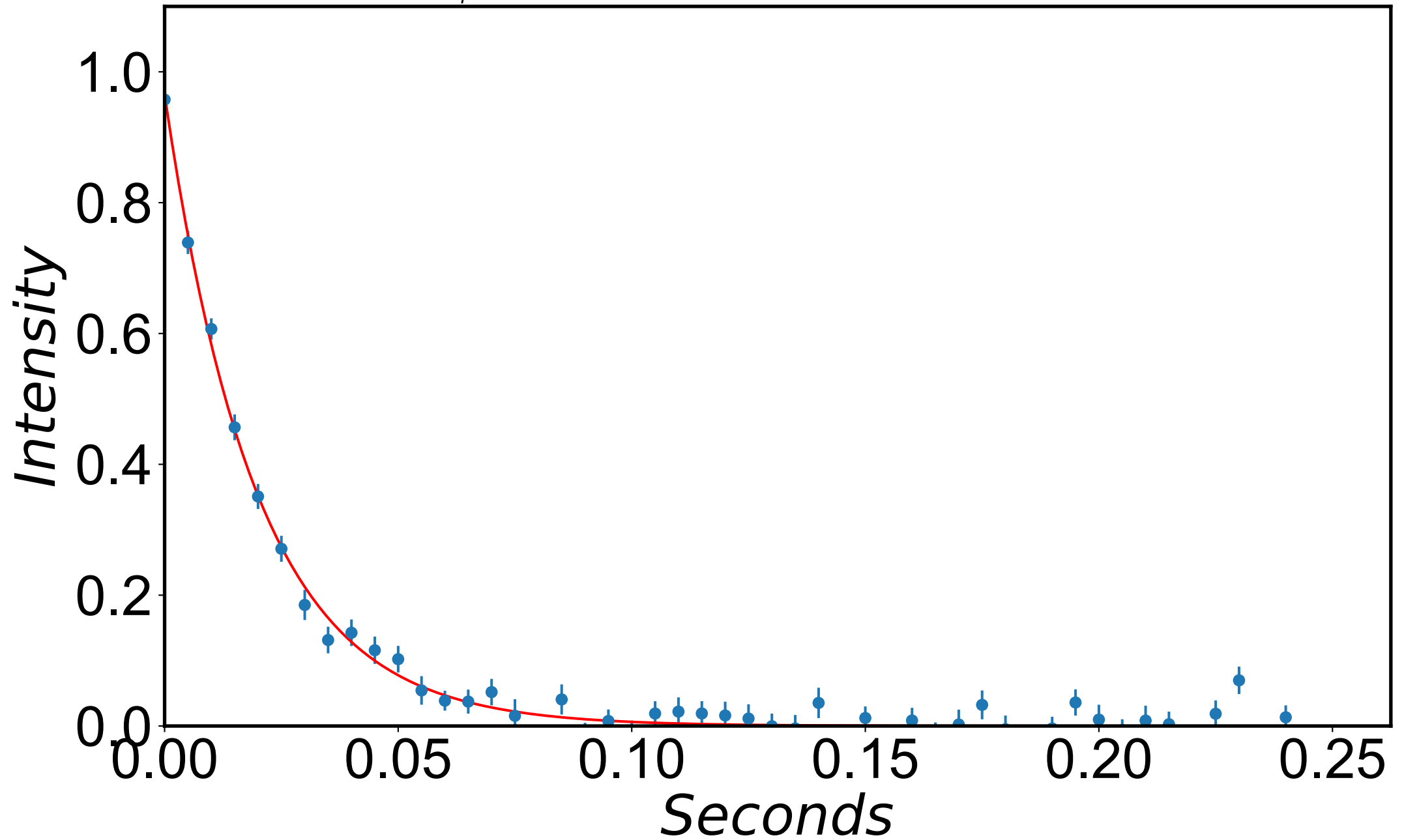
$$R_{1\rho} = 50.9 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -176 \text{ Hz}$$



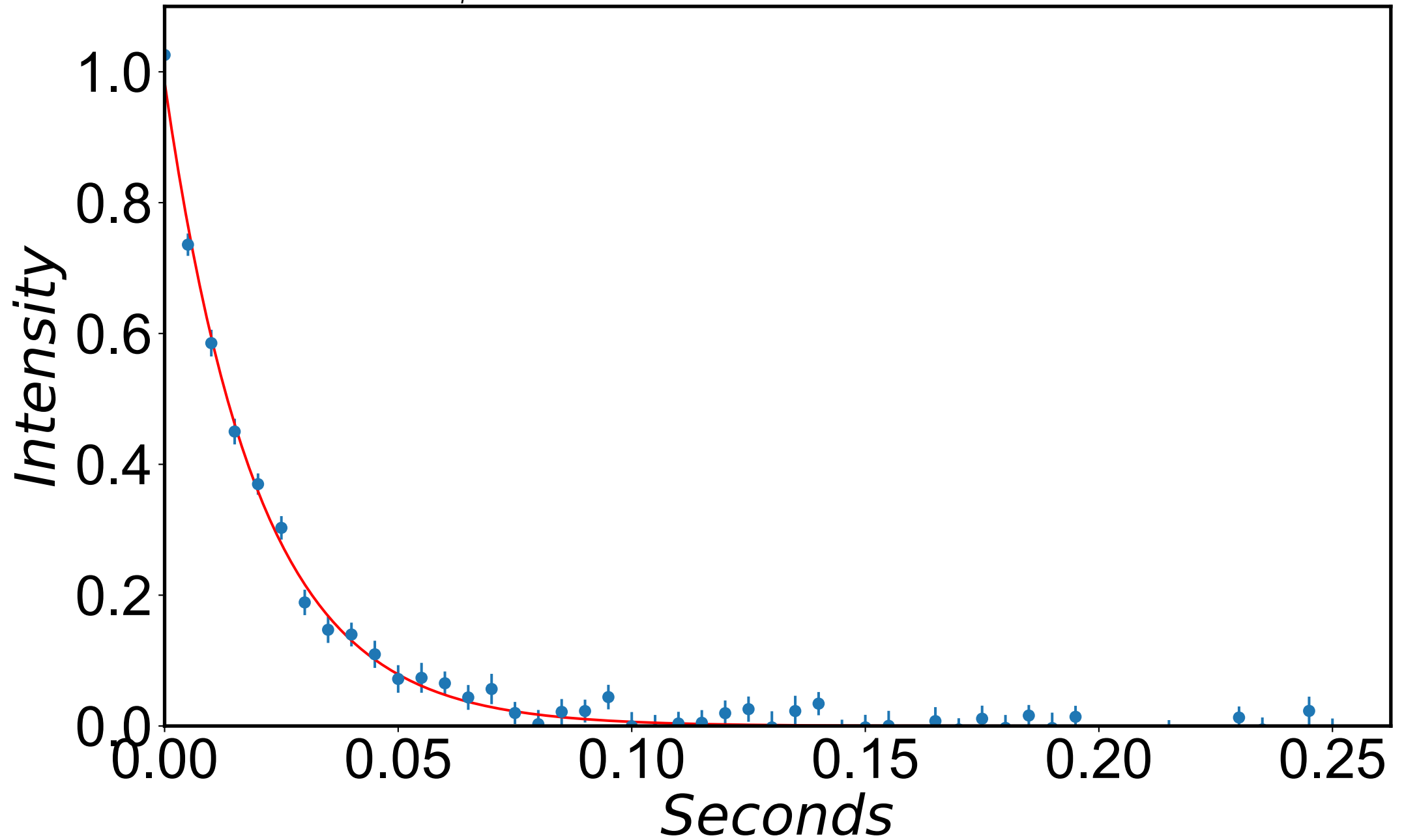
$$R_{1\rho} = 48.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -166 \text{ Hz}$$



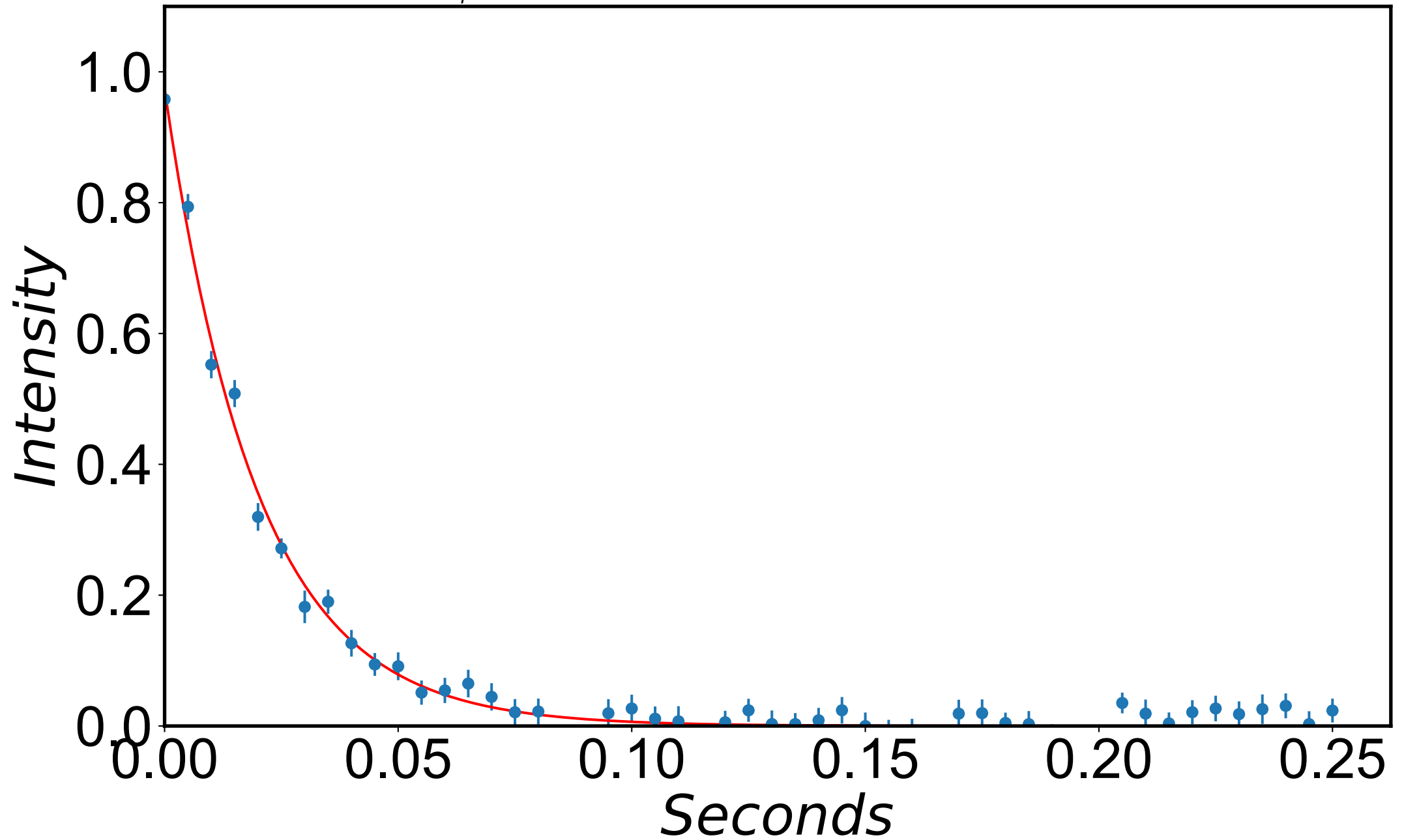
$$R_{1\rho} = 50.4 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -156 \text{ Hz}$$



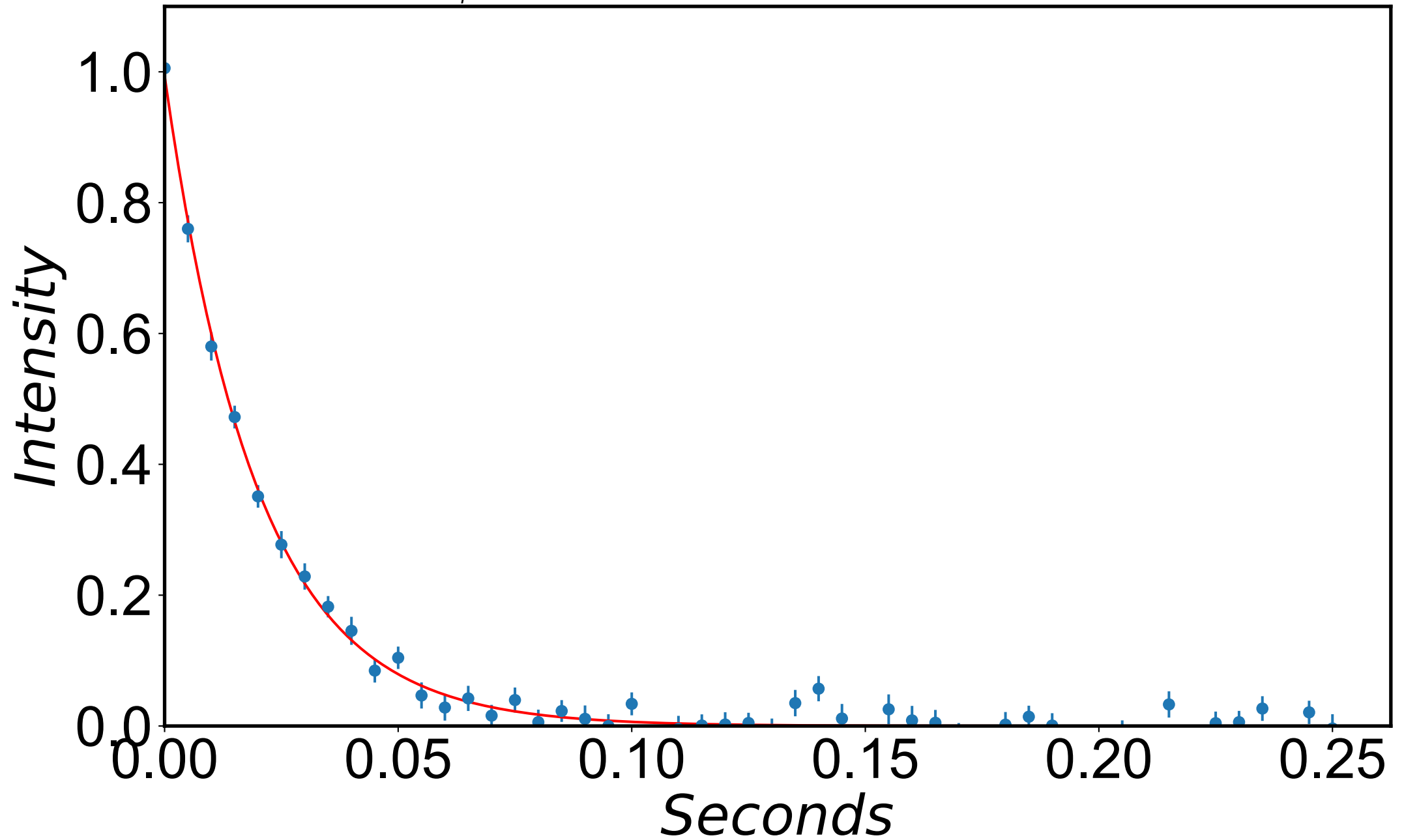
$$R_{1\rho} = 50.5 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -146 \text{ Hz}$$



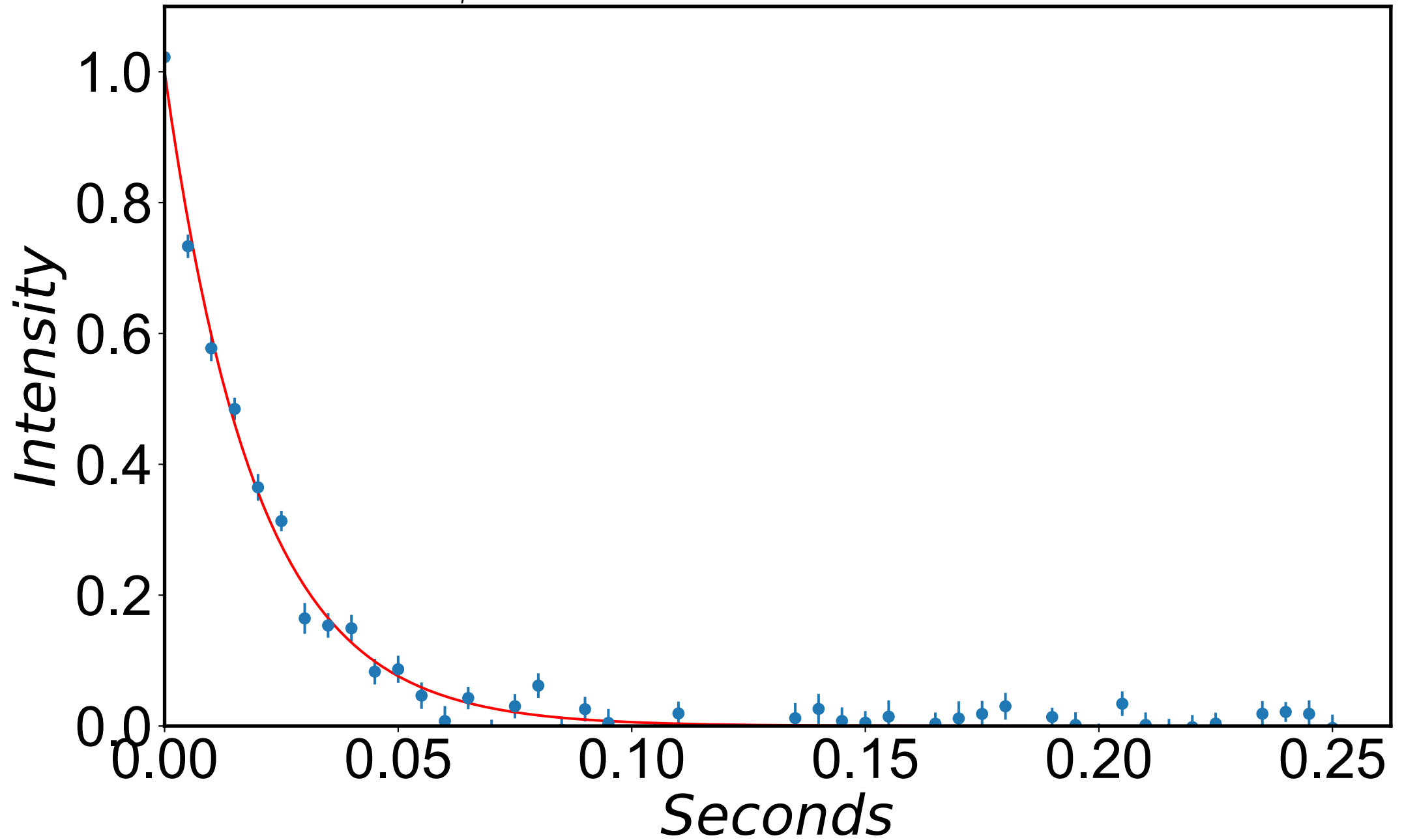
$$R_{1\rho} = 50.3 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -136 \text{ Hz}$$



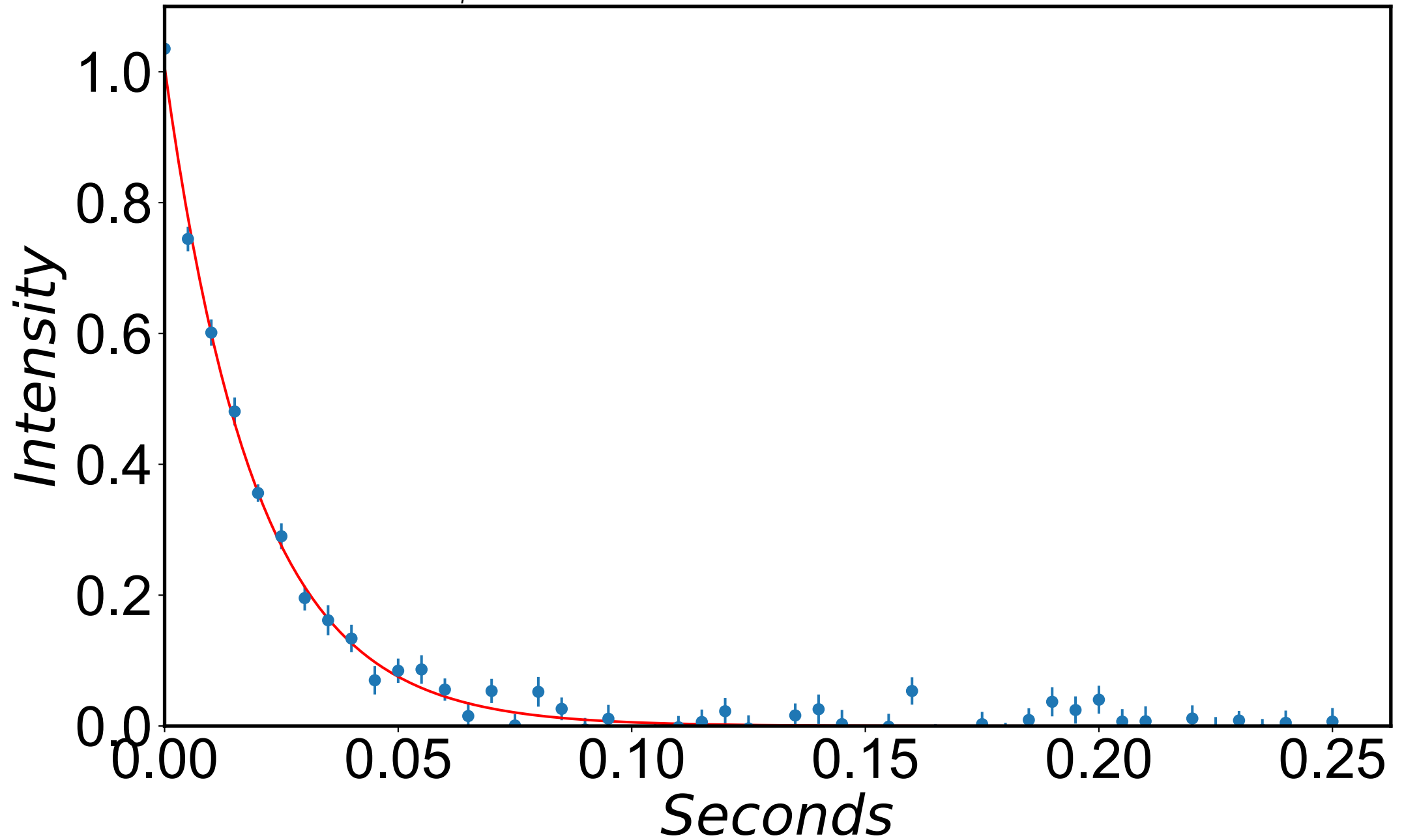
$$R_{1\rho} = 50.6 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -126 \text{ Hz}$$



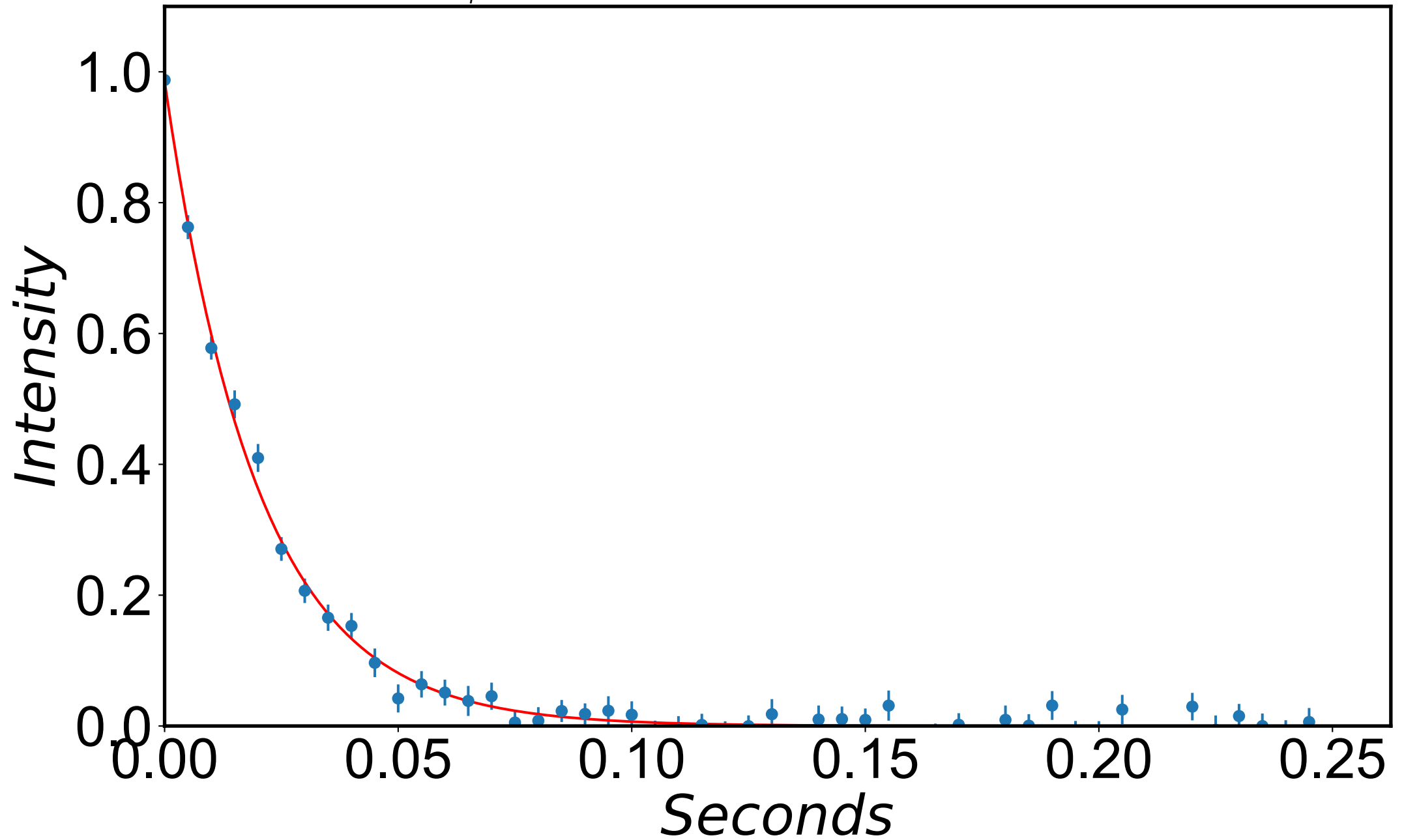
$$R_{1\rho} = 51.5 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -116 \text{ Hz}$$



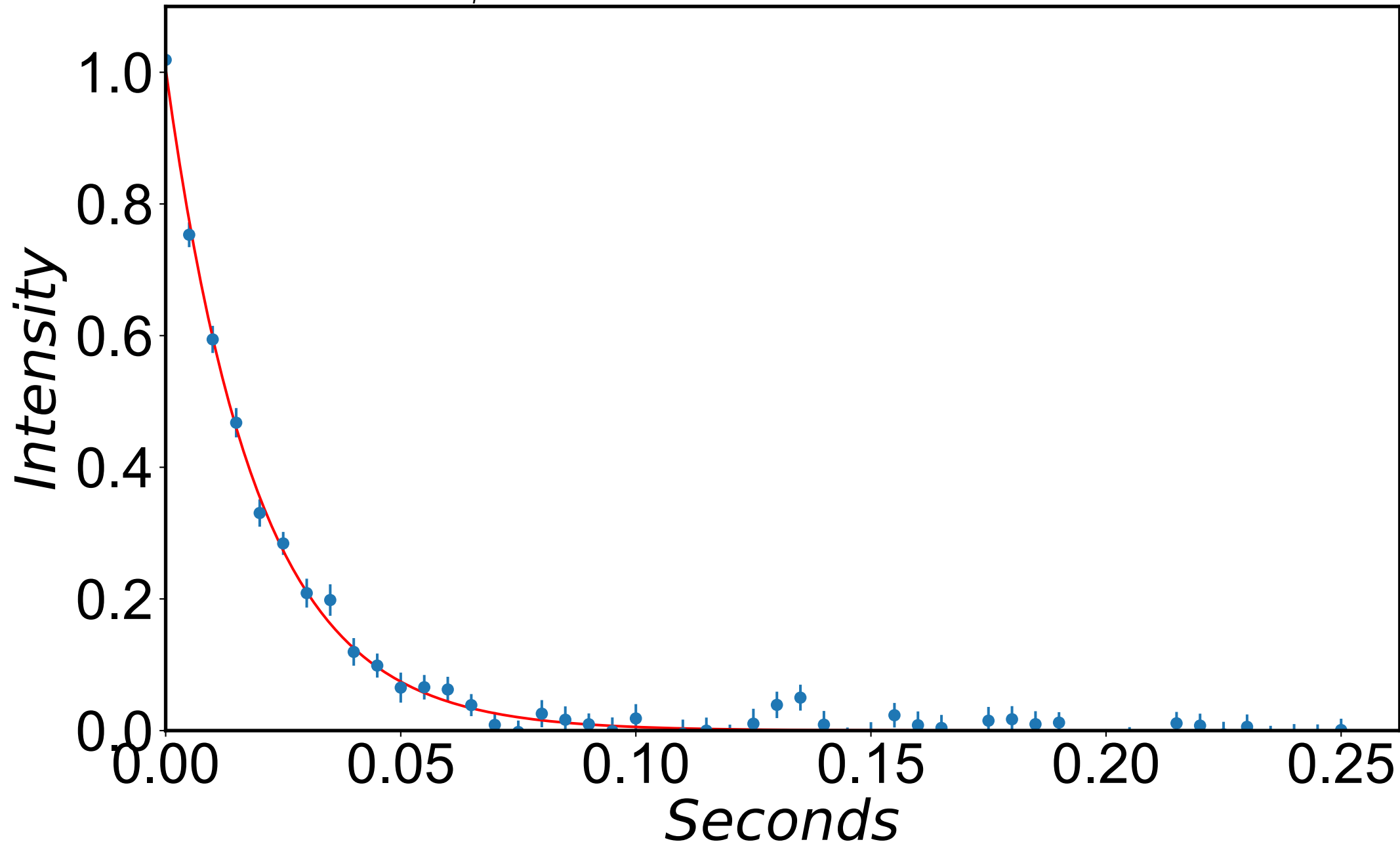
$$R_{1\rho} = 51.9 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -106 \text{ Hz}$$



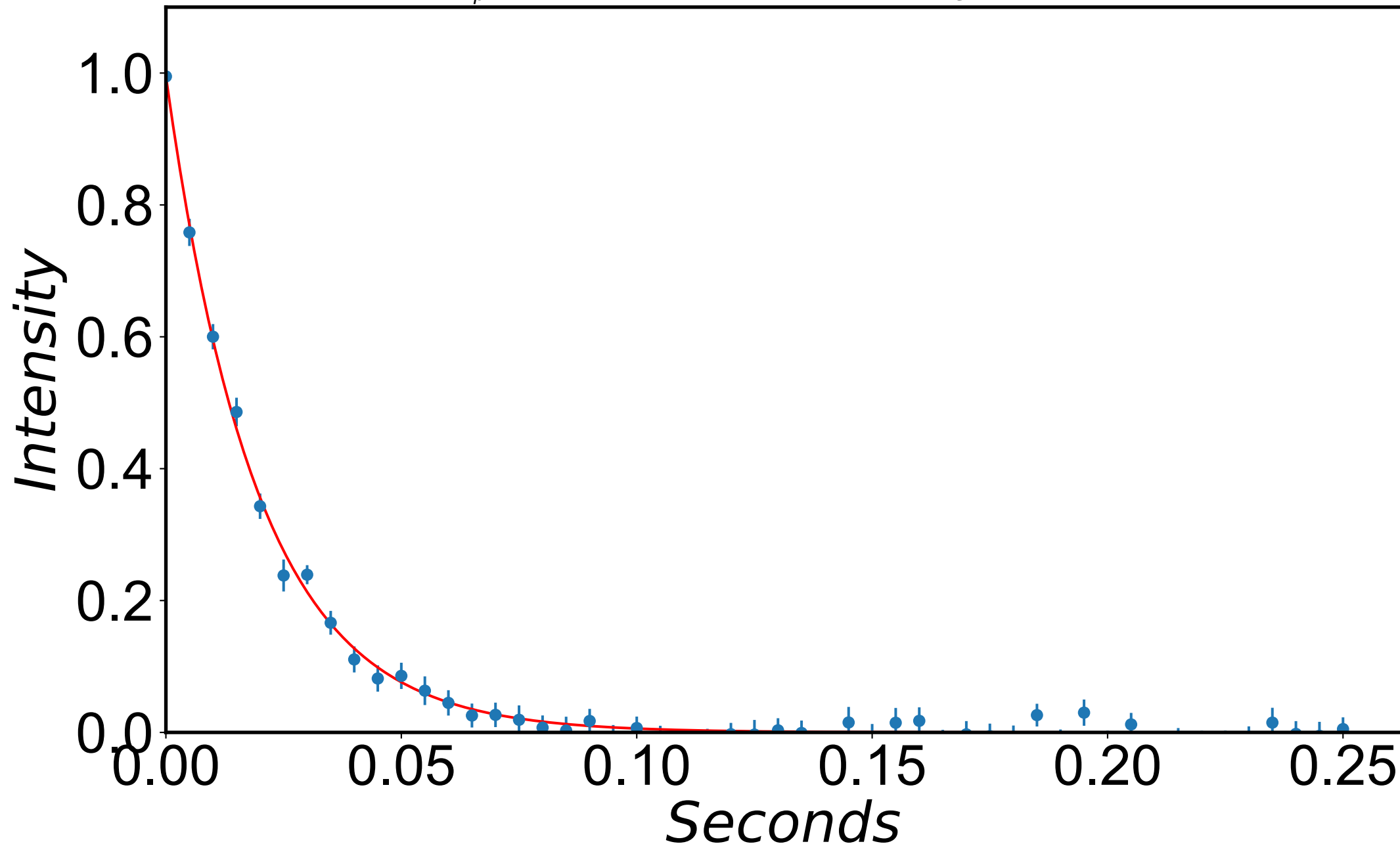
$$R_{1\rho} = 50.0 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -95 \text{ Hz}$$



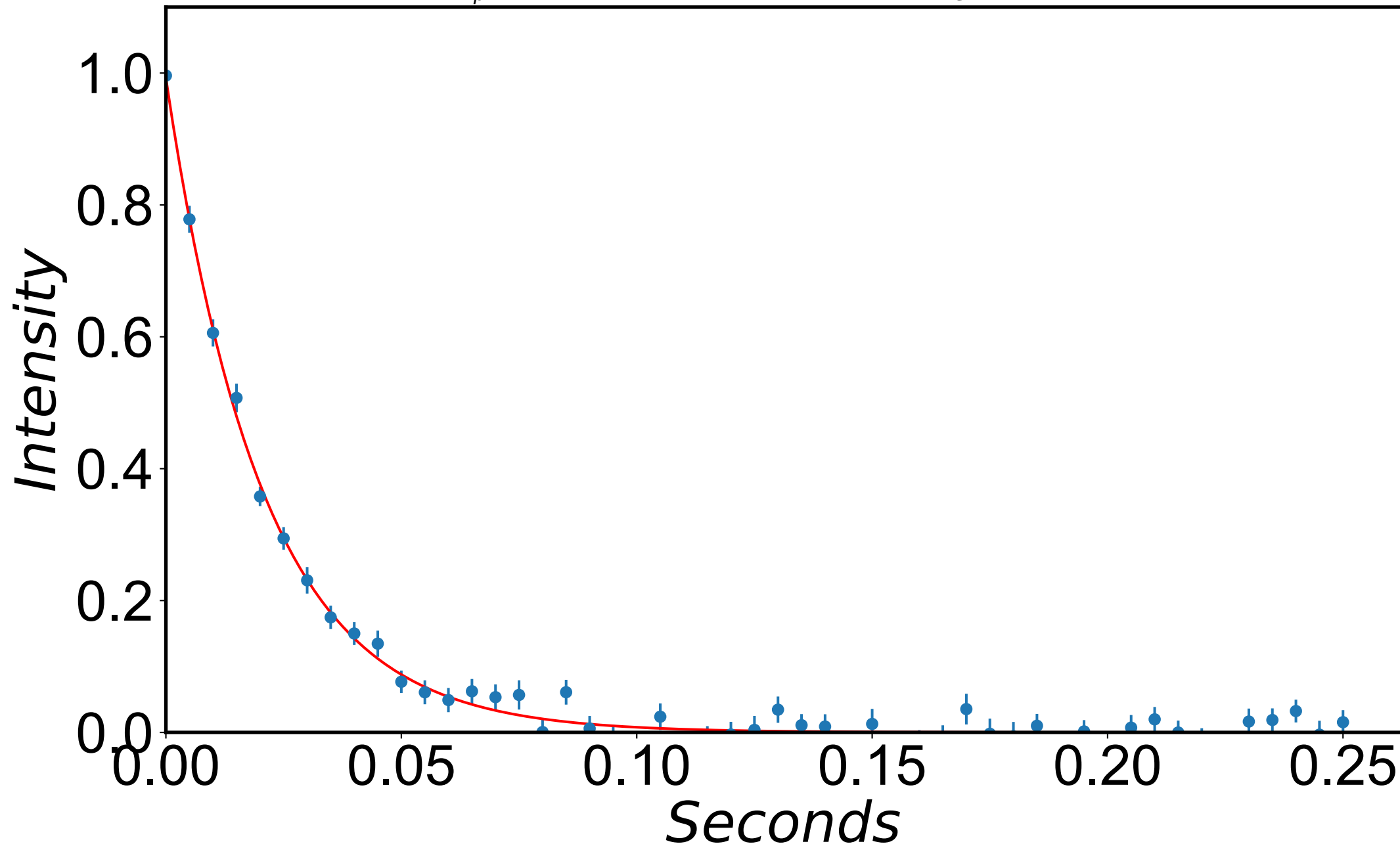
$$R_{1\rho} = 52.1 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -85 \text{ Hz}$$



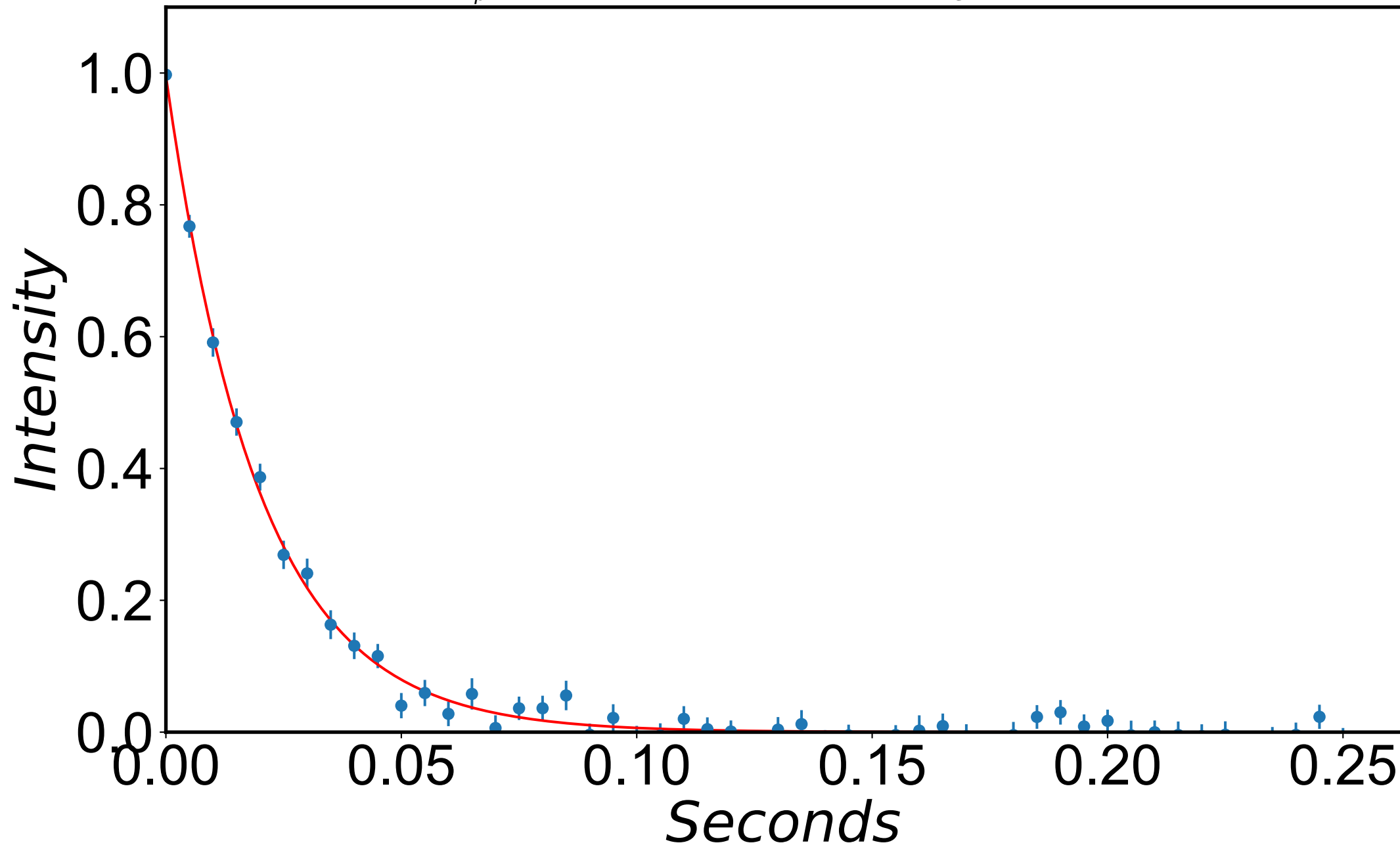
$$R_{1\rho} = 51.4 \pm 1.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -75 \text{ Hz}$$



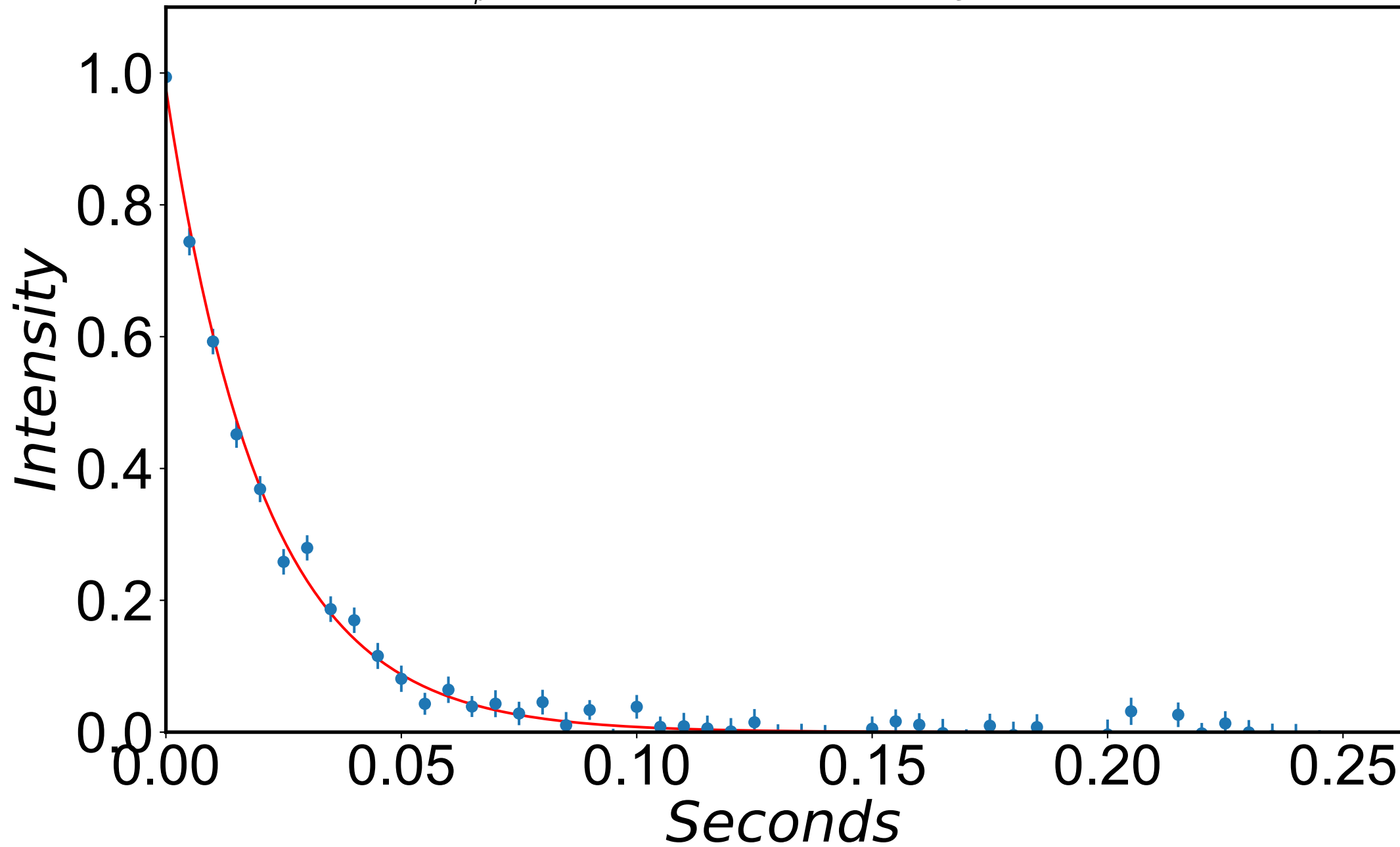
$$R_{1\rho} = 48.5 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -65 \text{ Hz}$$



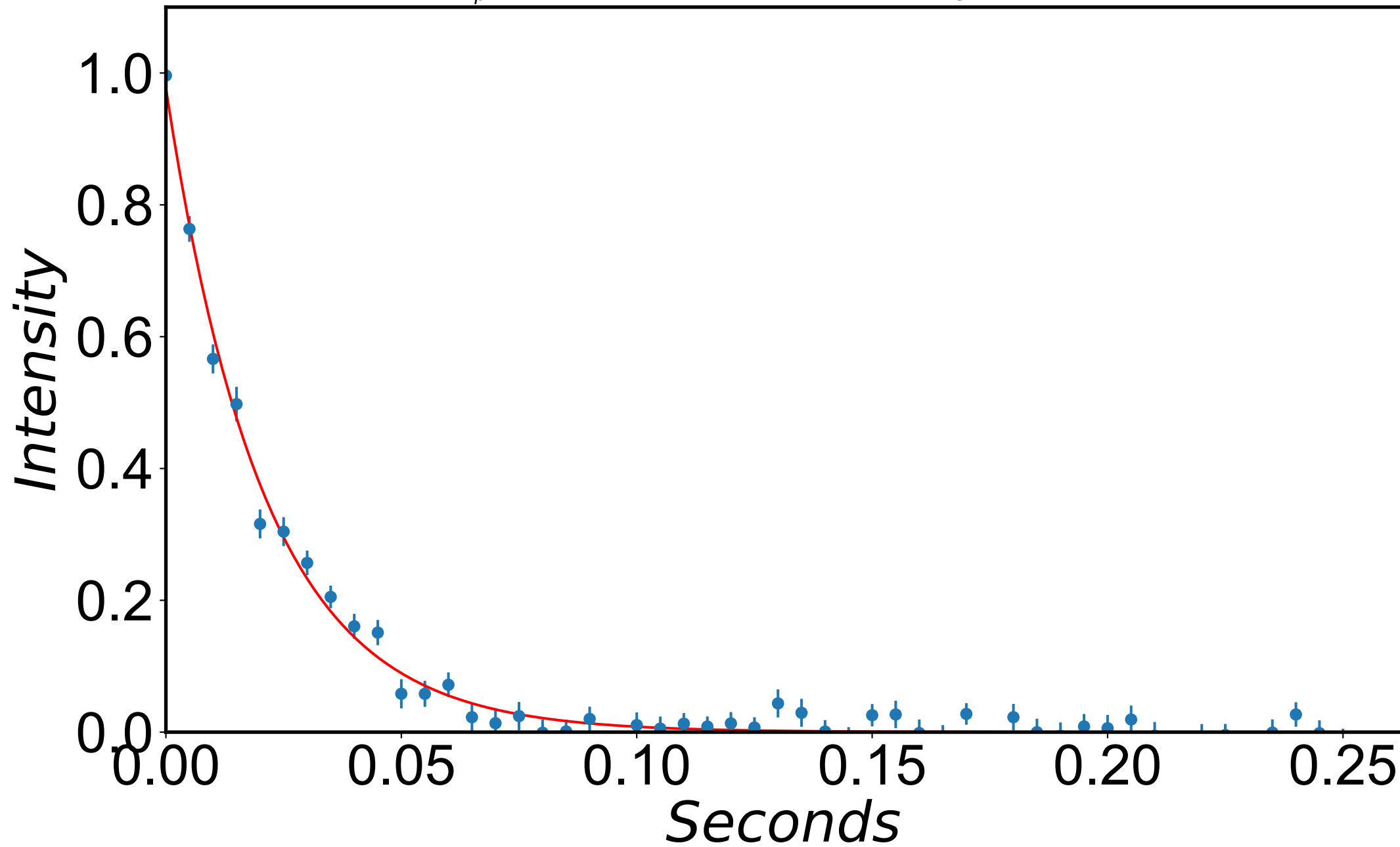
$$R_{1\rho} = 50.5 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -55 \text{ Hz}$$



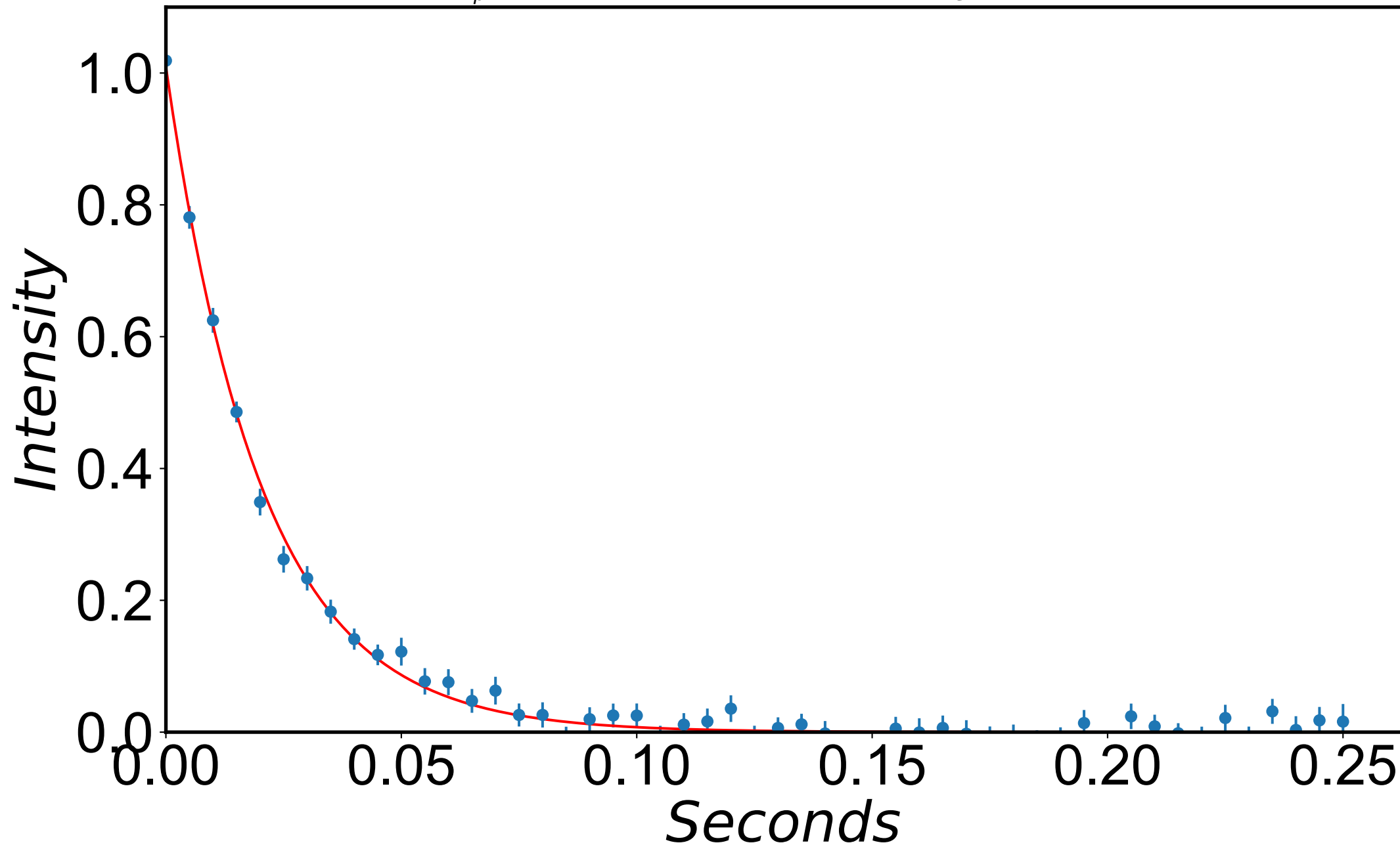
$$R_{1\rho} = 48.3 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -45 \text{ Hz}$$



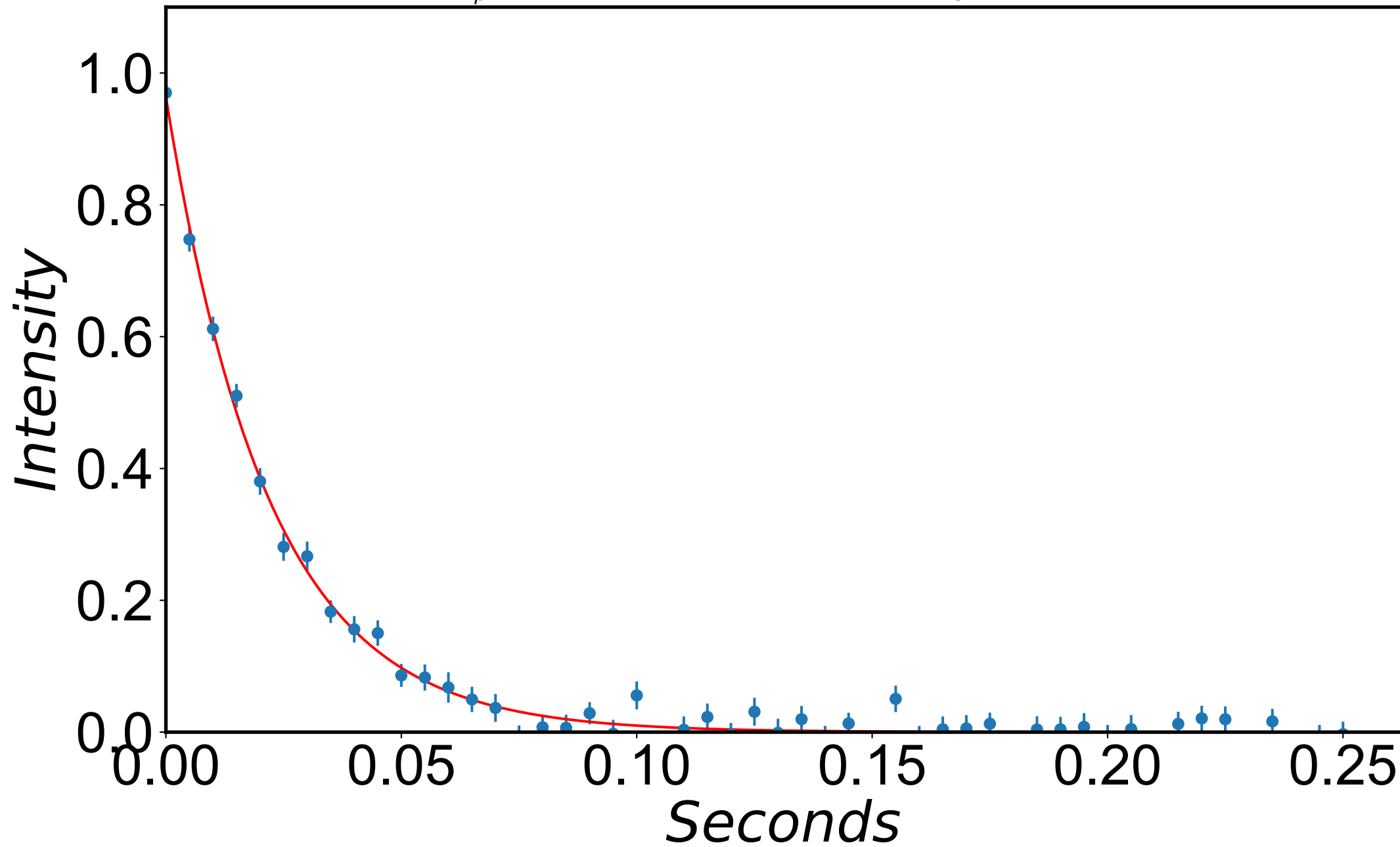
$$R_{1\rho} = 47.8 \pm 1.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -35 \text{ Hz}$$



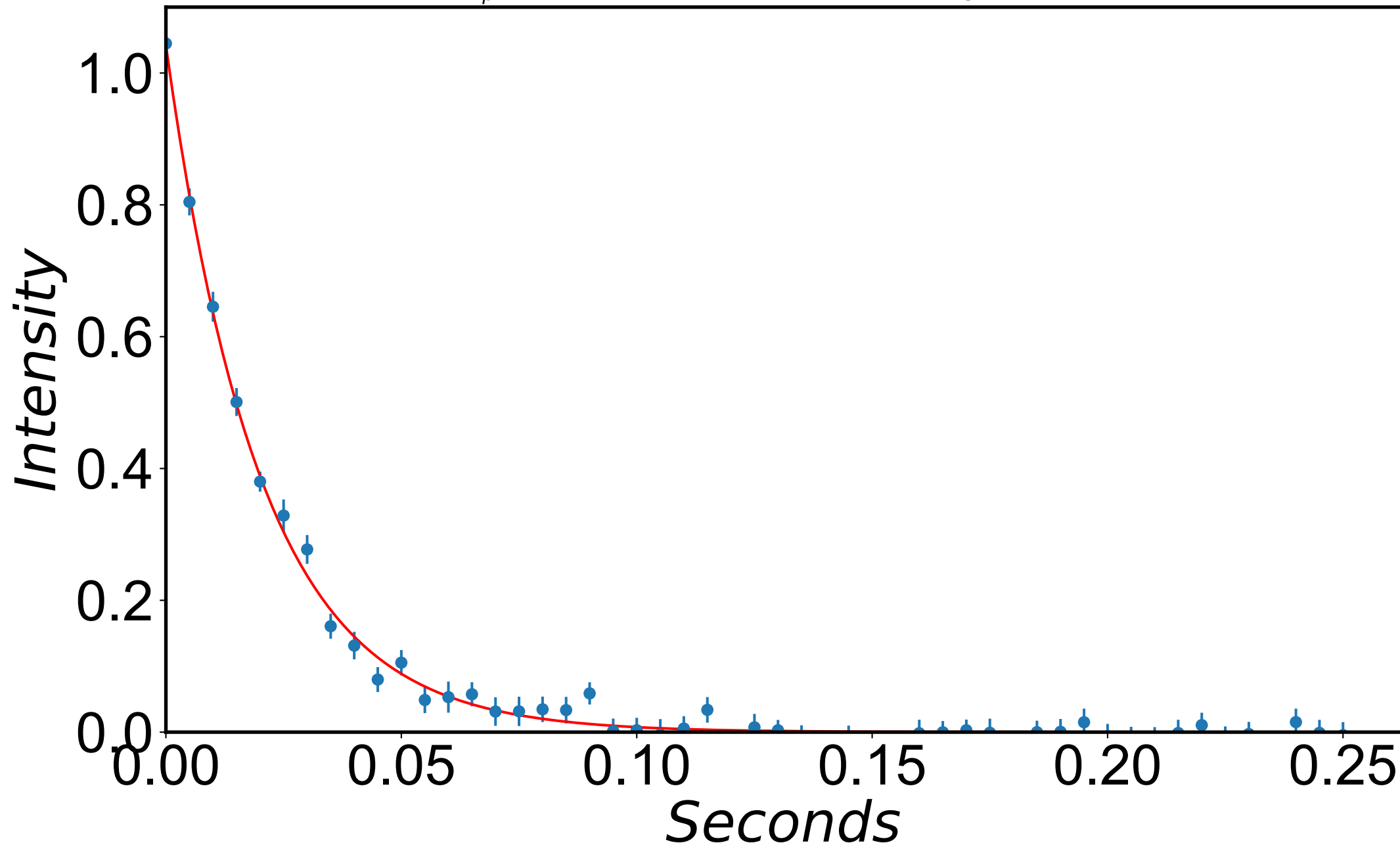
$$R_{1\rho} = 49.1 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -25 \text{ Hz}$$



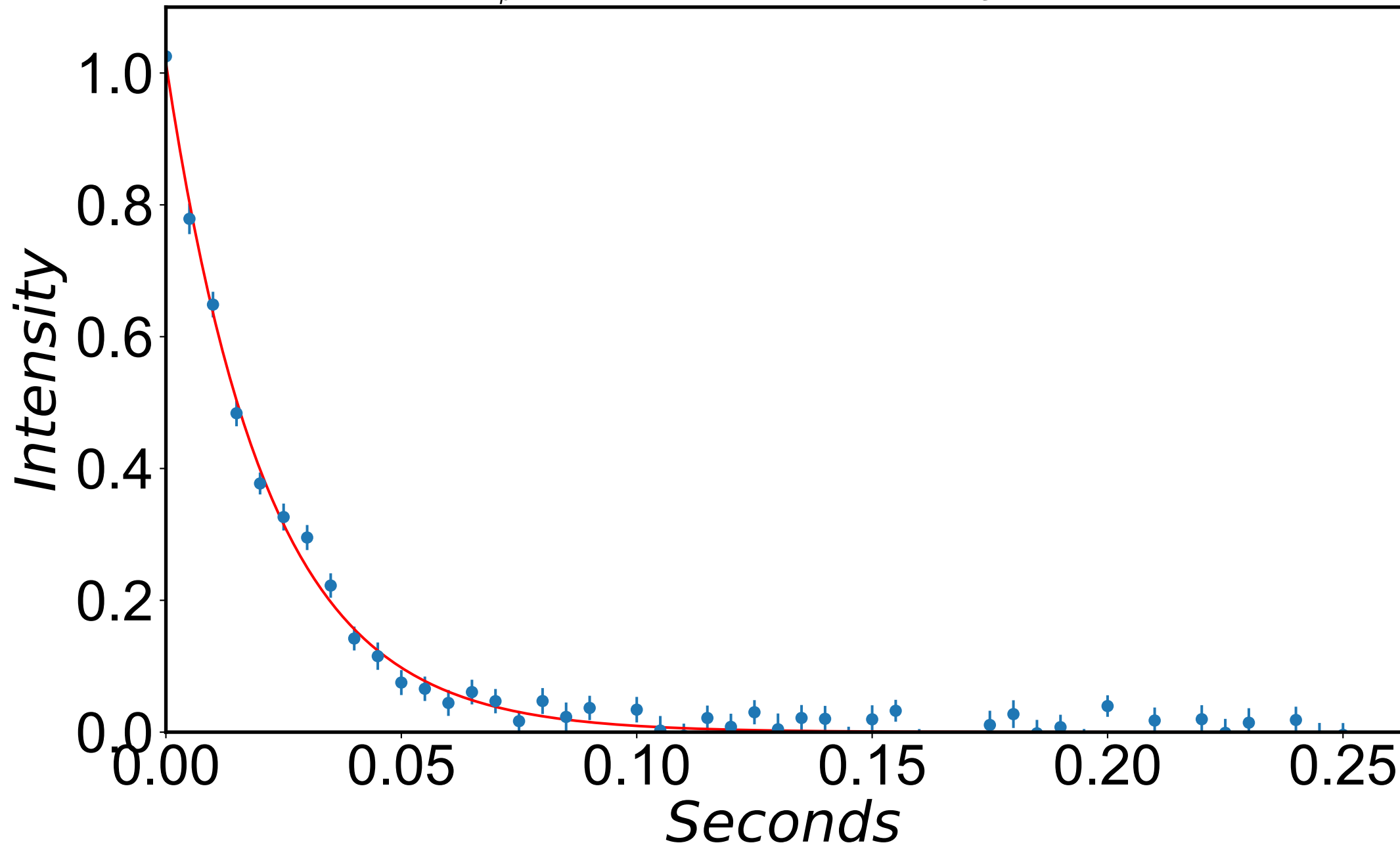
$$R_{1\rho} = 45.8 \pm 1.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -15 \text{ Hz}$$



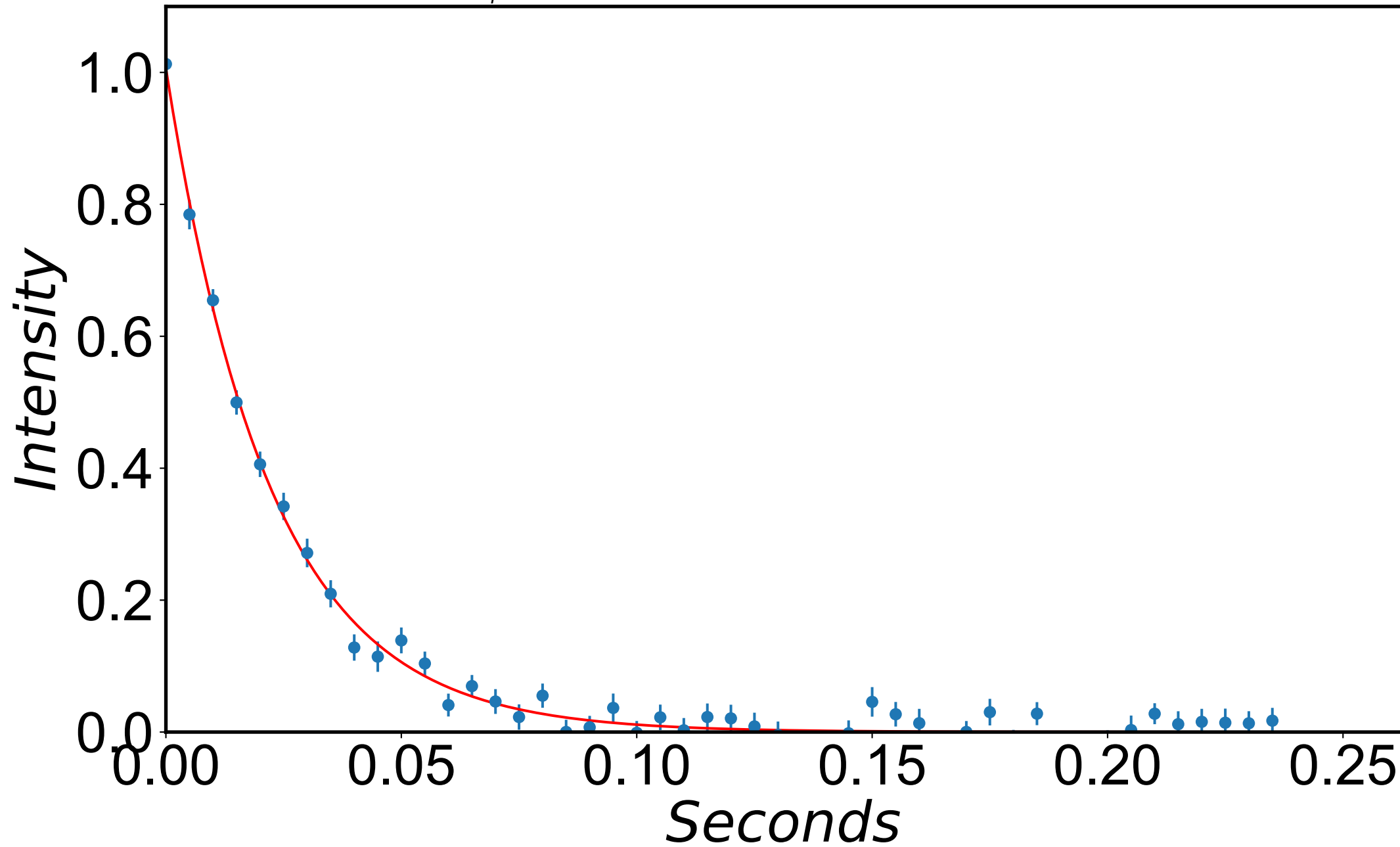
$$R_{1\rho} = 49.3 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = -5 \text{ Hz}$$



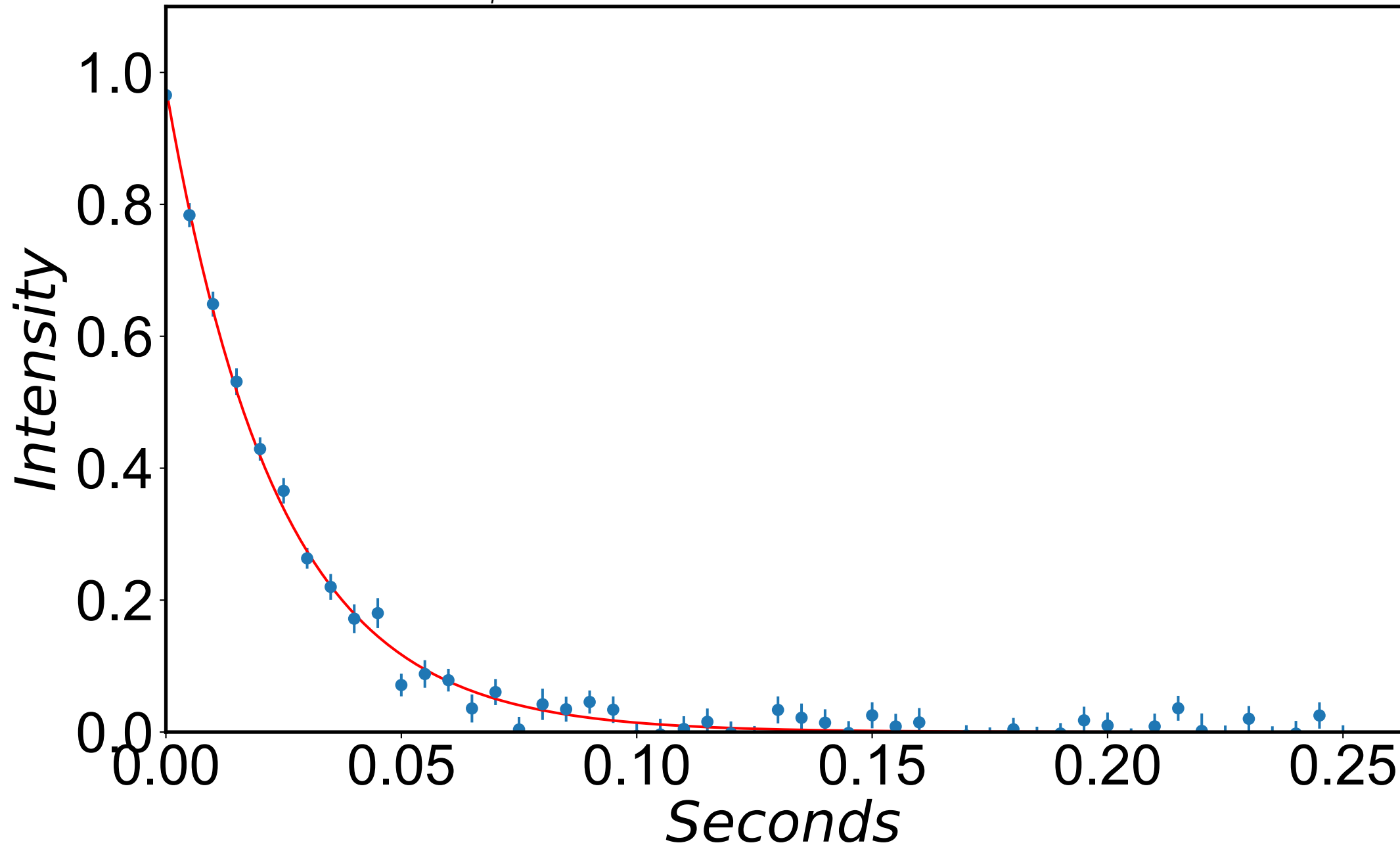
$$R_{1\rho} = 46.8 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 5 \text{ Hz}$$



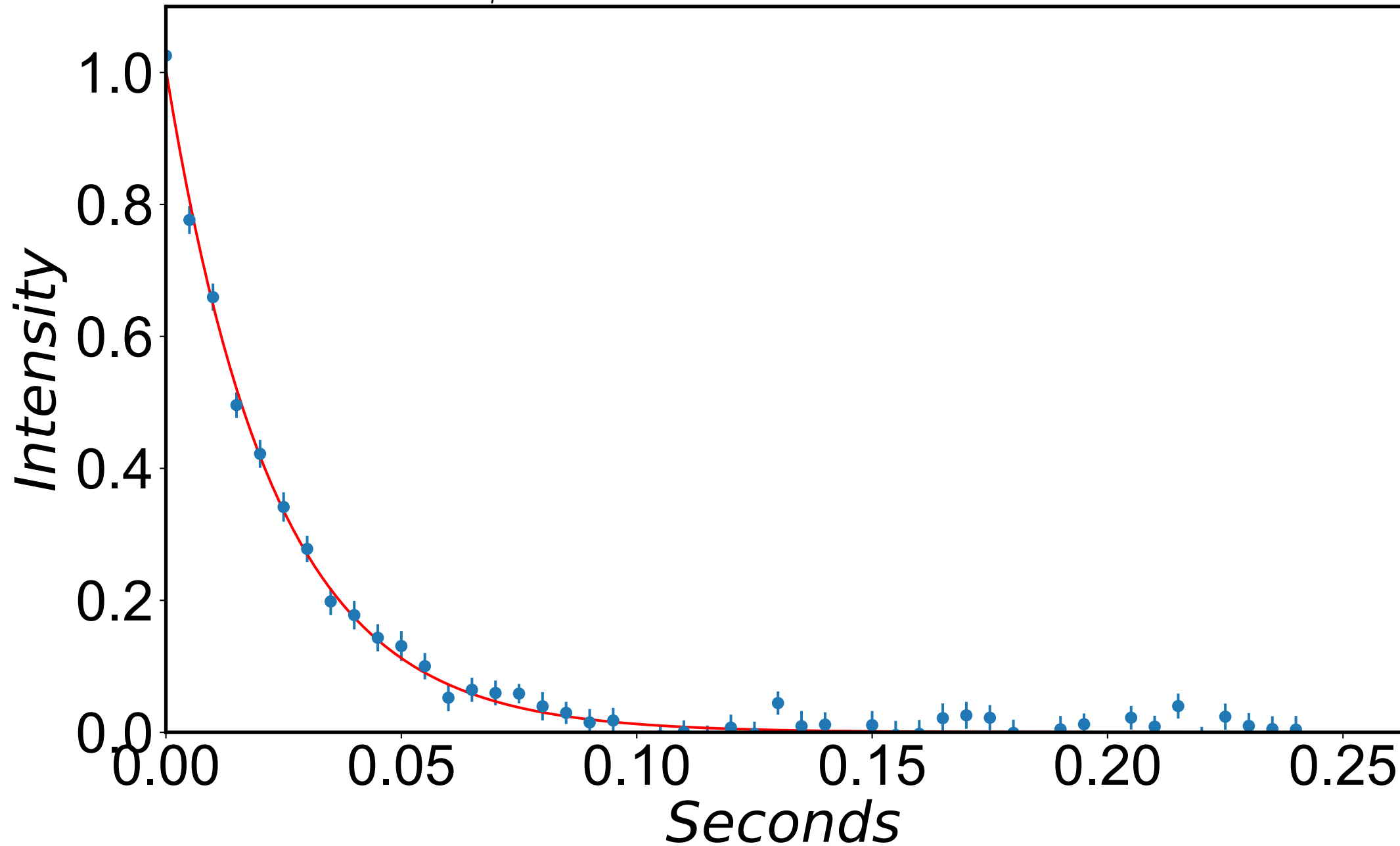
$$R_{1\rho} = 45.0 \pm 1.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 15 \text{ Hz}$$



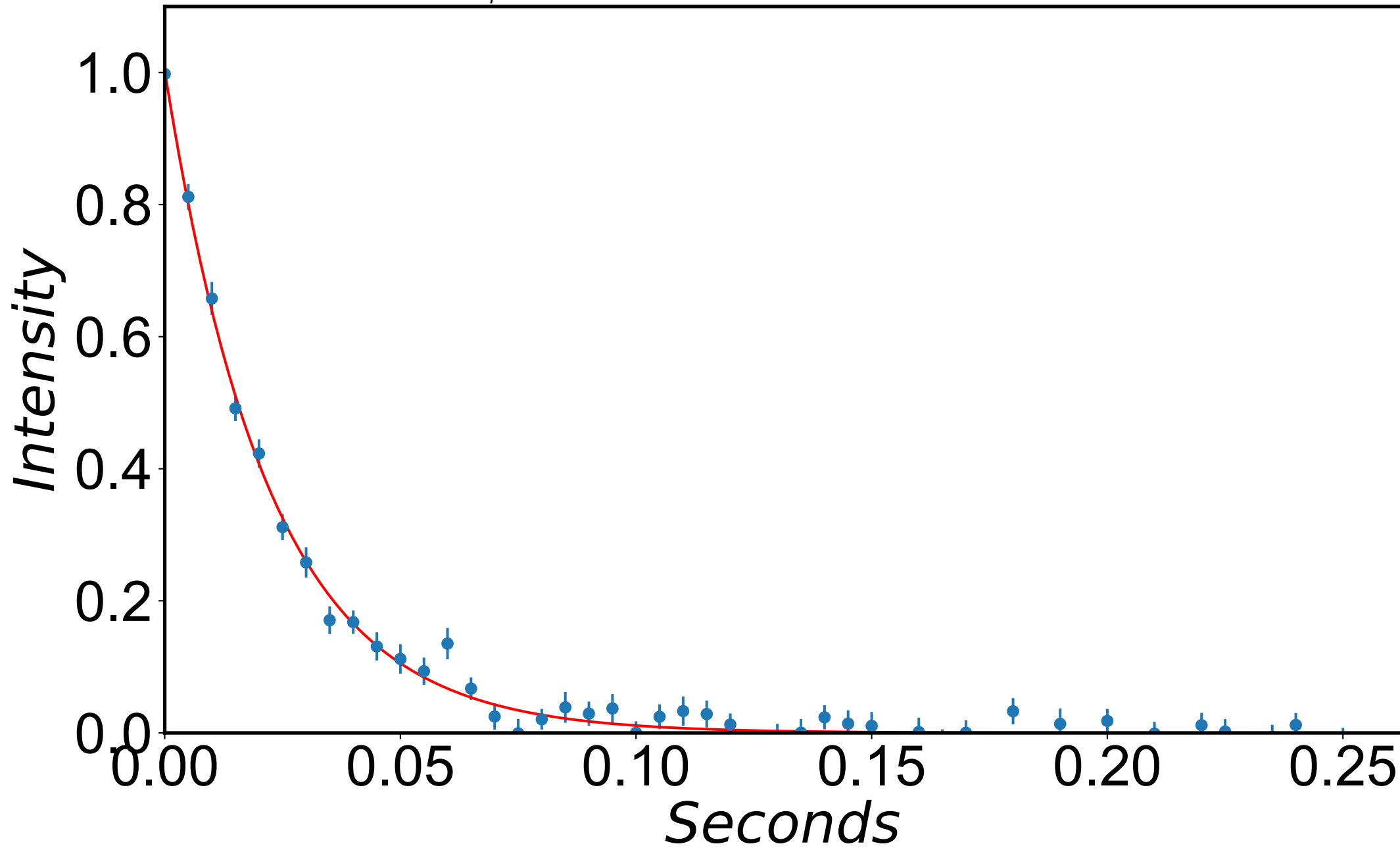
$$R_{1\rho} = 42.4 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 25 \text{ Hz}$$



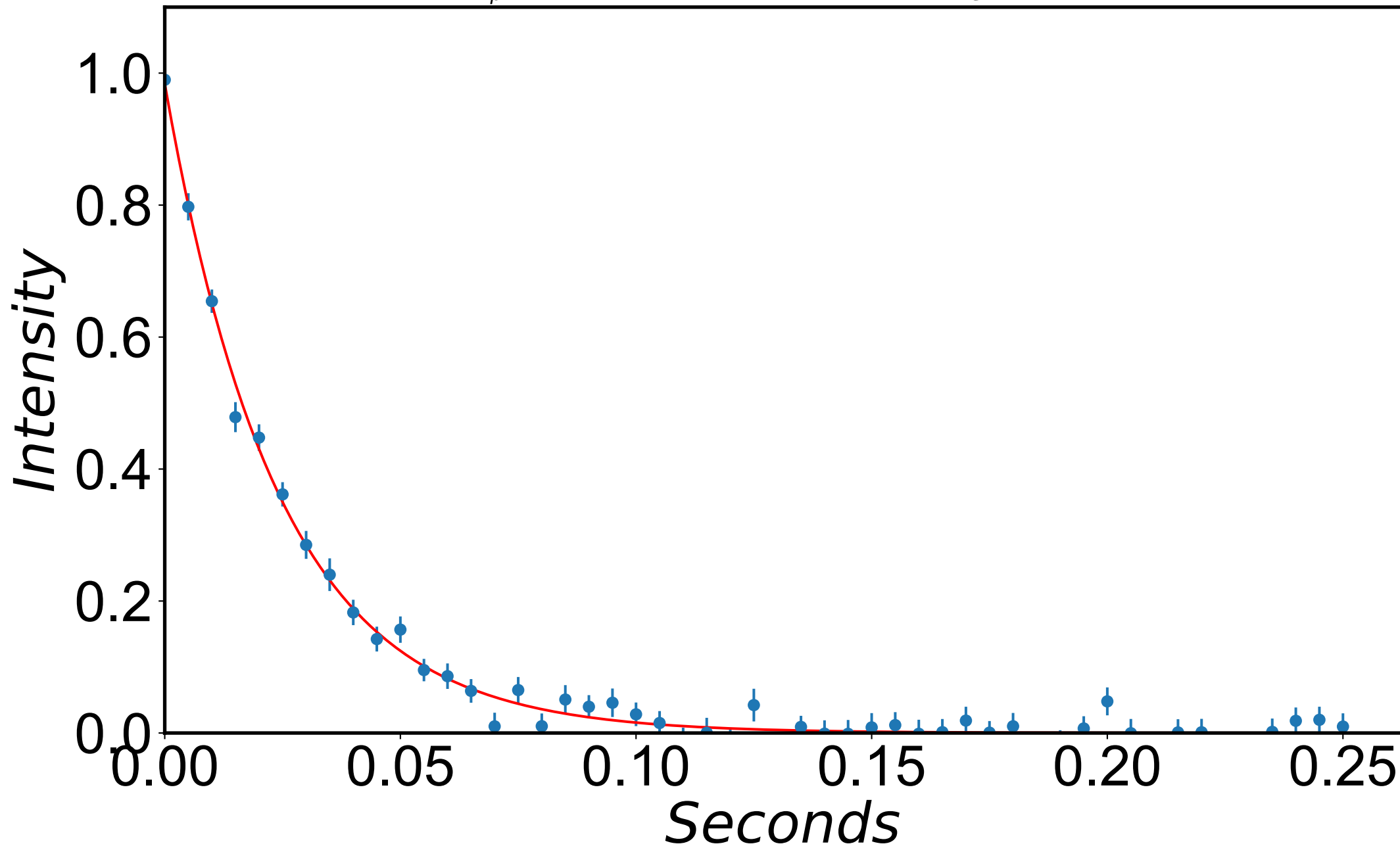
$$R_{1\rho} = 43.8 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 35 \text{ Hz}$$



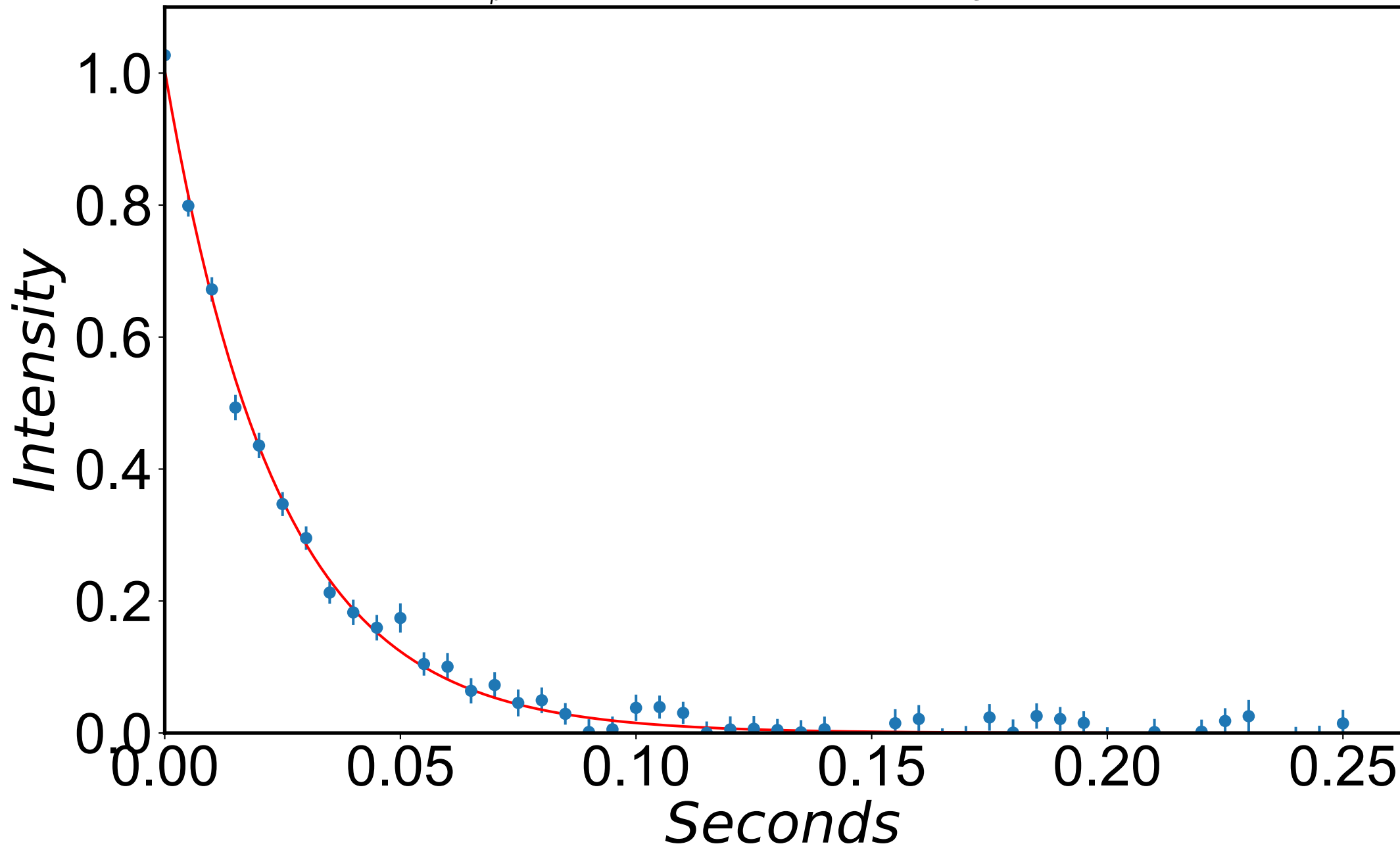
$$R_{1\rho} = 45.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 45 \text{ Hz}$$



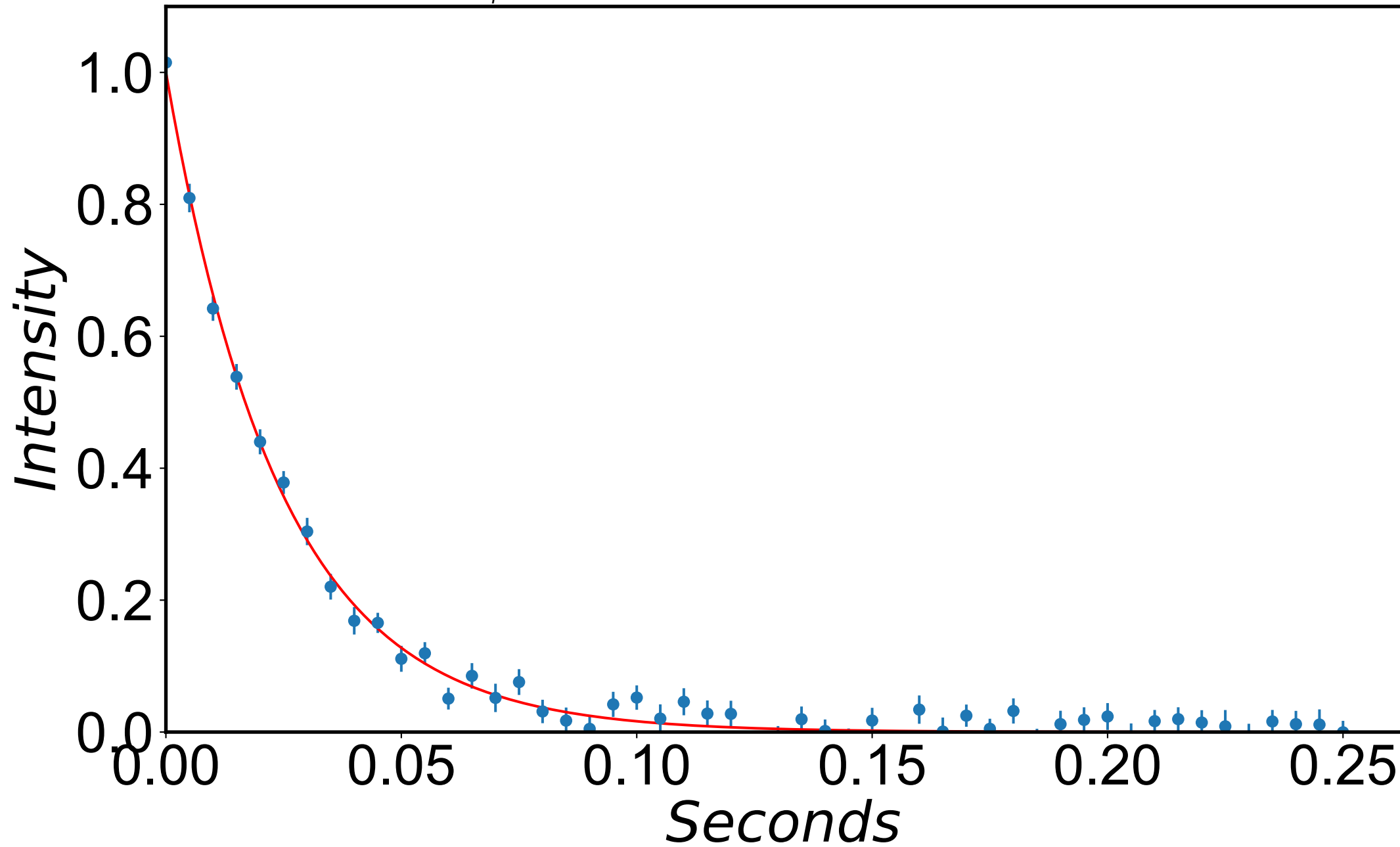
$$R_{1\rho} = 41.3 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 55 \text{ Hz}$$



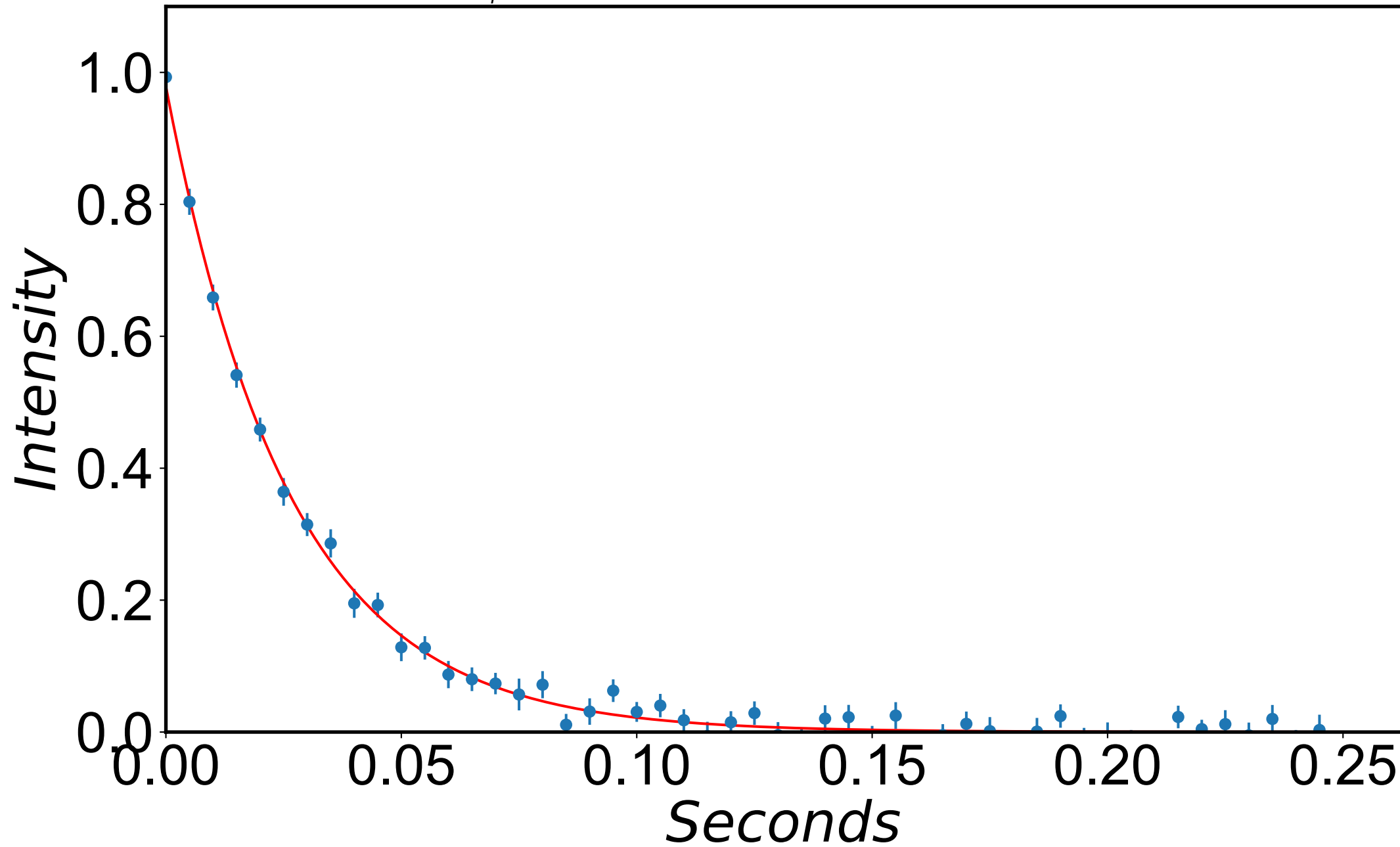
$$R_{1\rho} = 41.9 \pm 0.9 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 65 \text{ Hz}$$



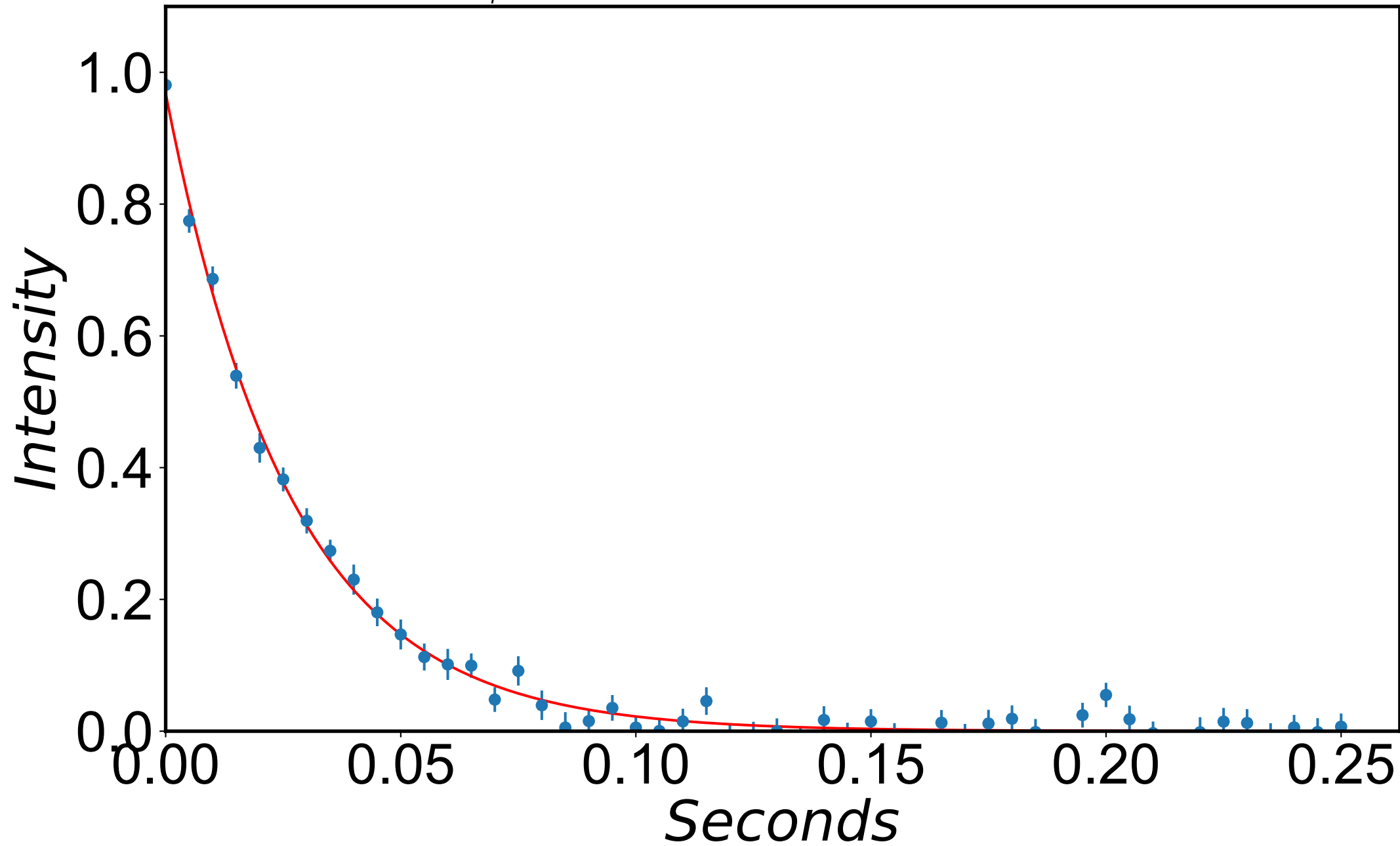
$$R_{1\rho} = 41.2 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 75 \text{ Hz}$$



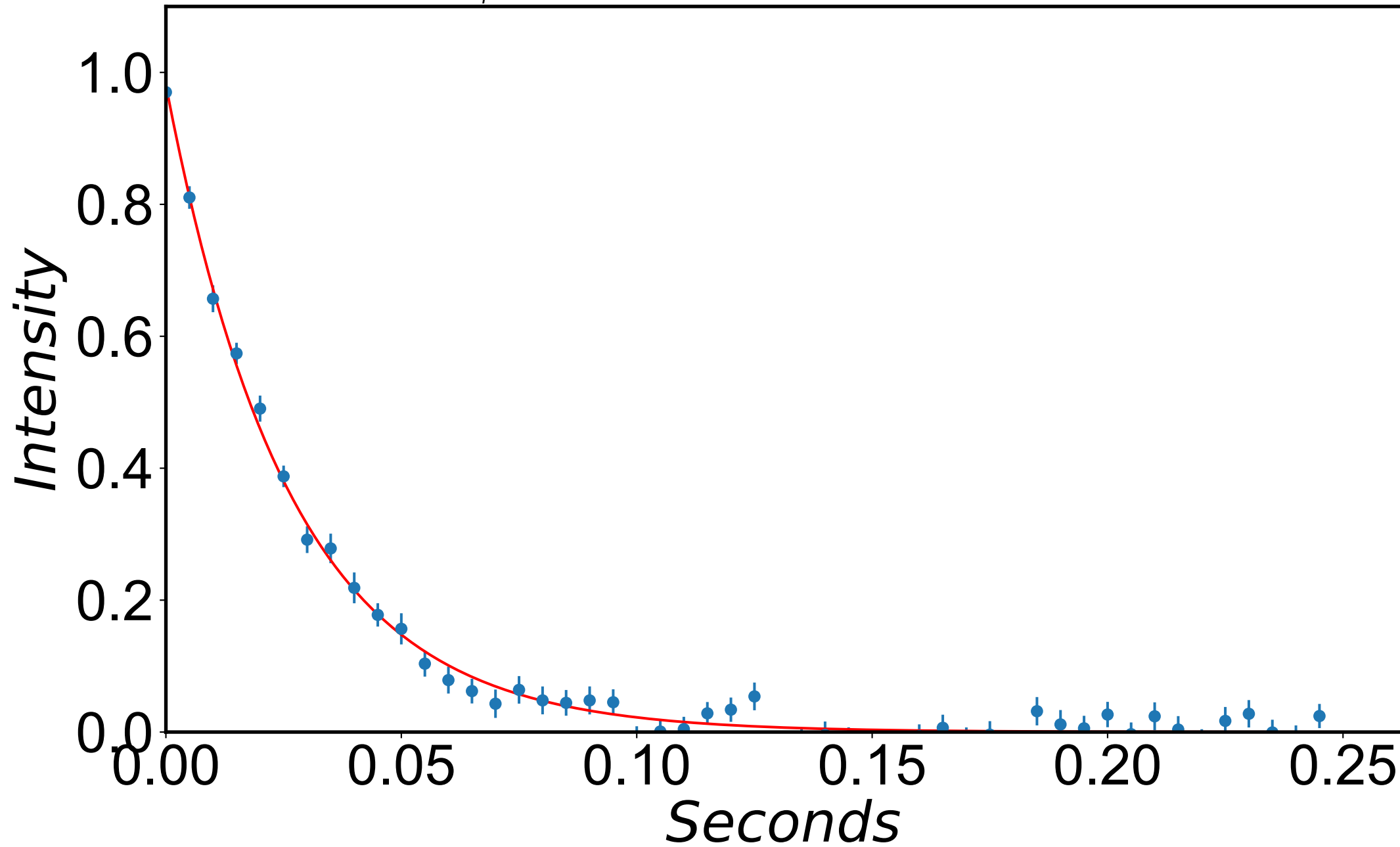
$$R_{1\rho} = 38.0 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 85 \text{ Hz}$$



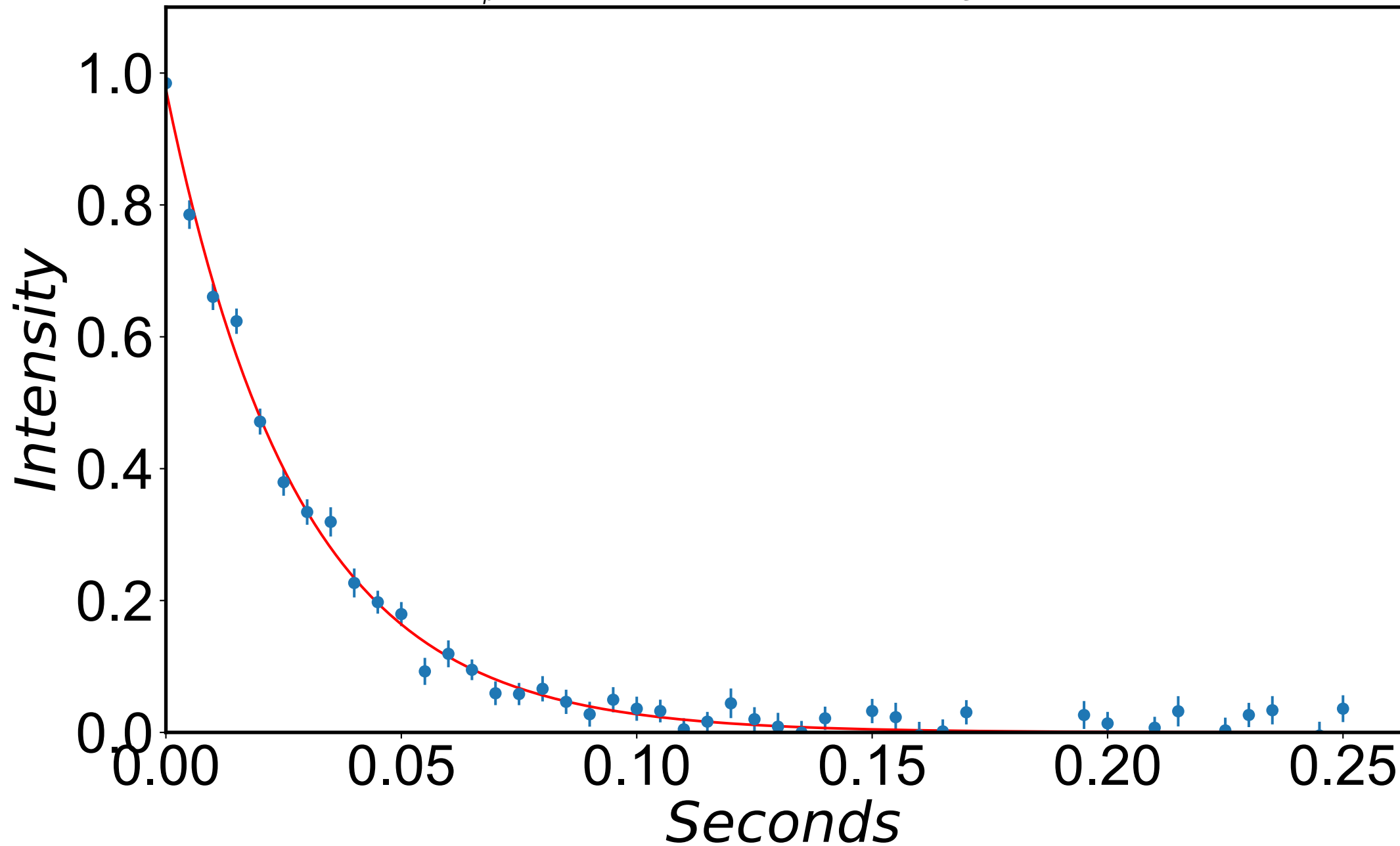
$$R_{1\rho} = 37.7 \pm 1.0 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 95 \text{ Hz}$$



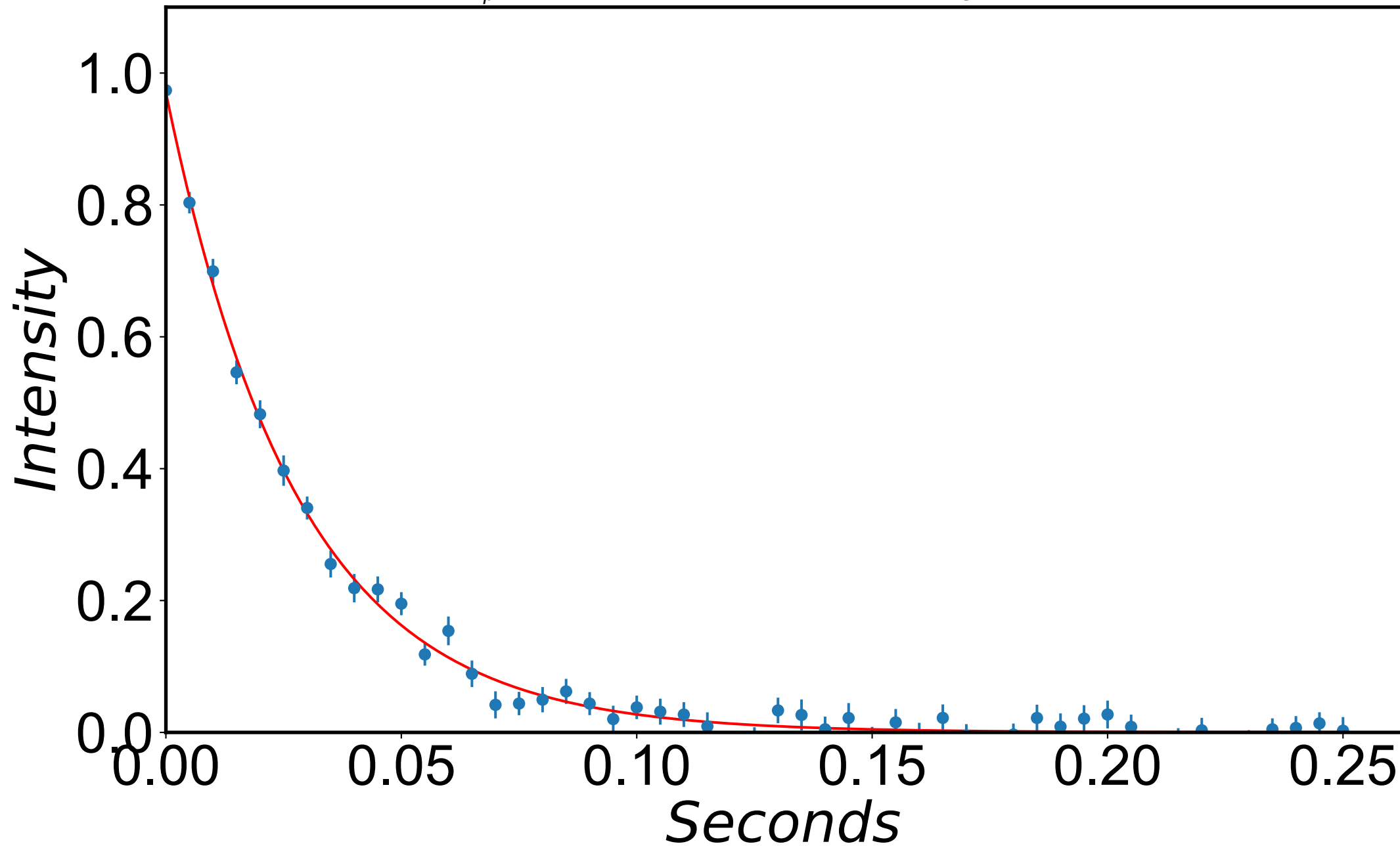
$$R_{1\rho} = 37.9 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 106 \text{ Hz}$$



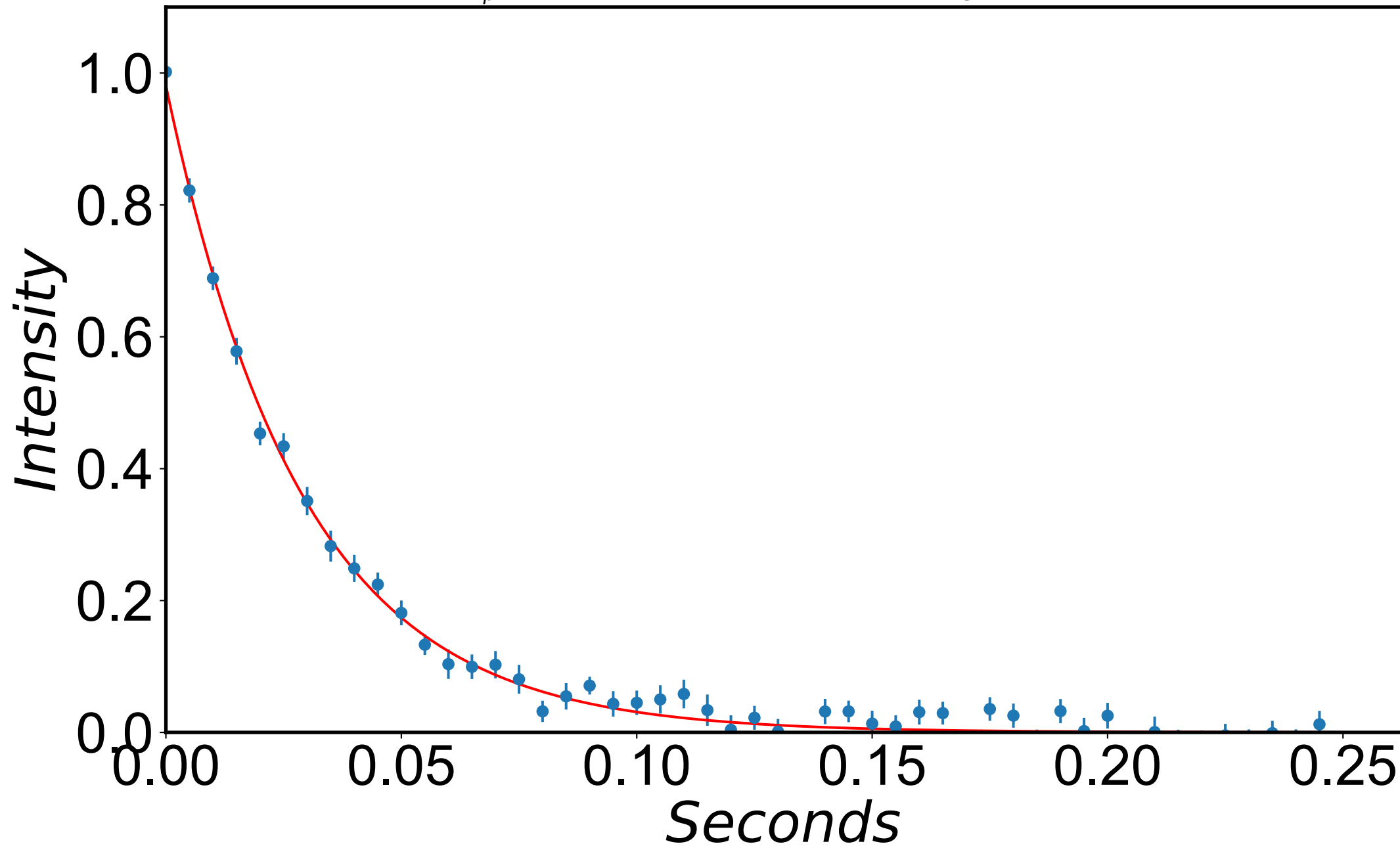
$$R_{1\rho} = 35.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 116 \text{ Hz}$$



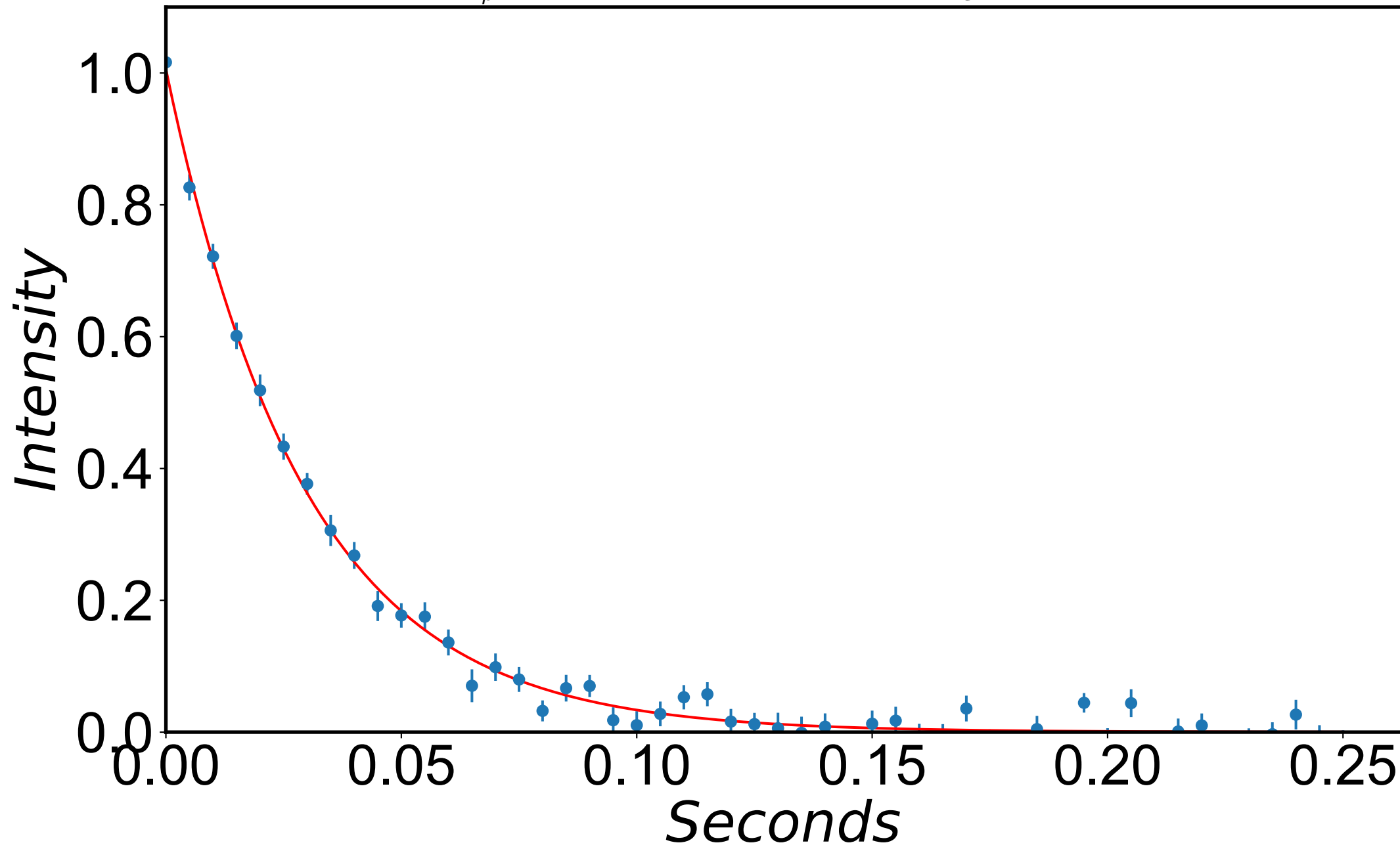
$$R_{1\rho} = 35.7 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 126 \text{ Hz}$$



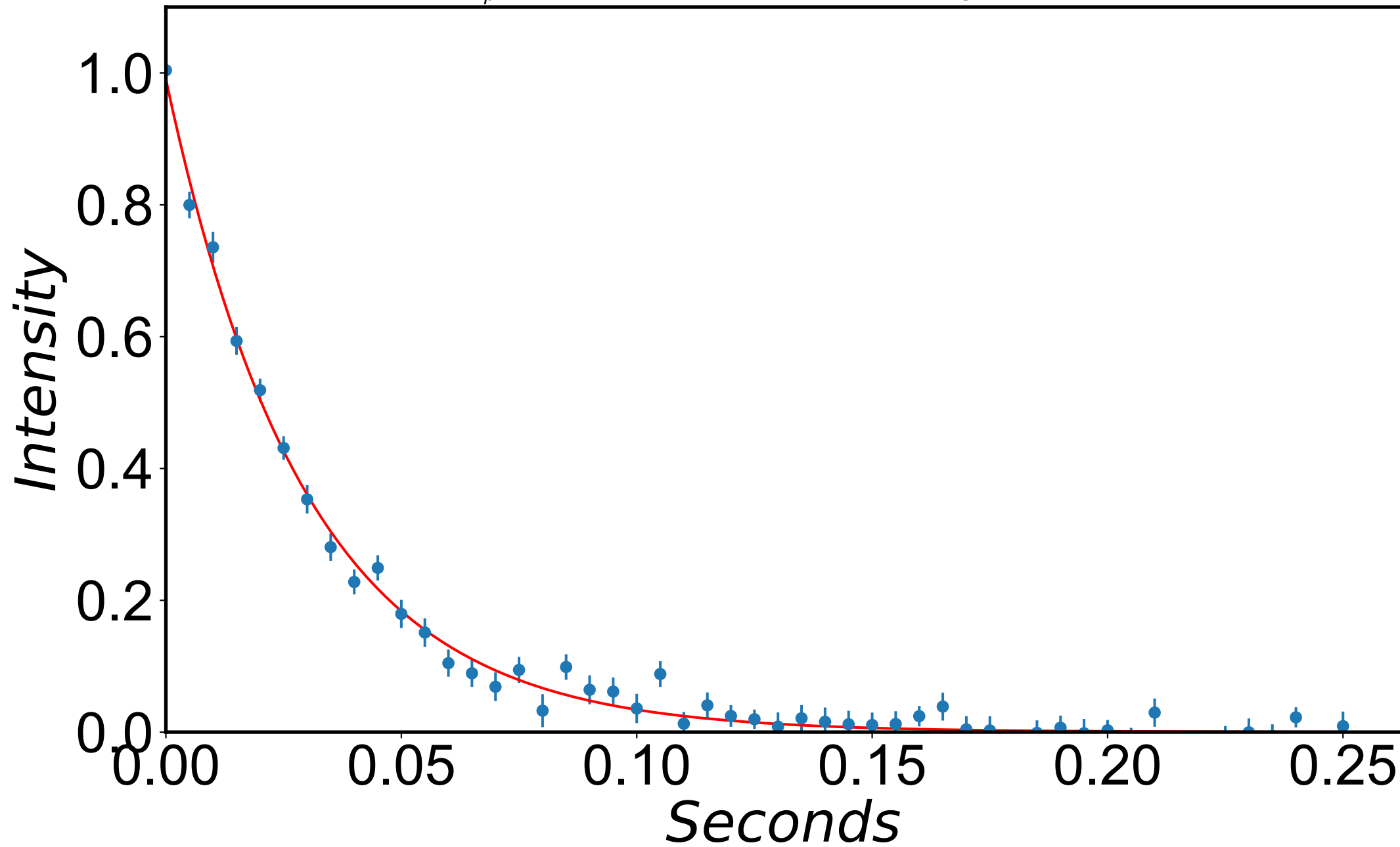
$$R_{1\rho} = 34.6 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 136 \text{ Hz}$$



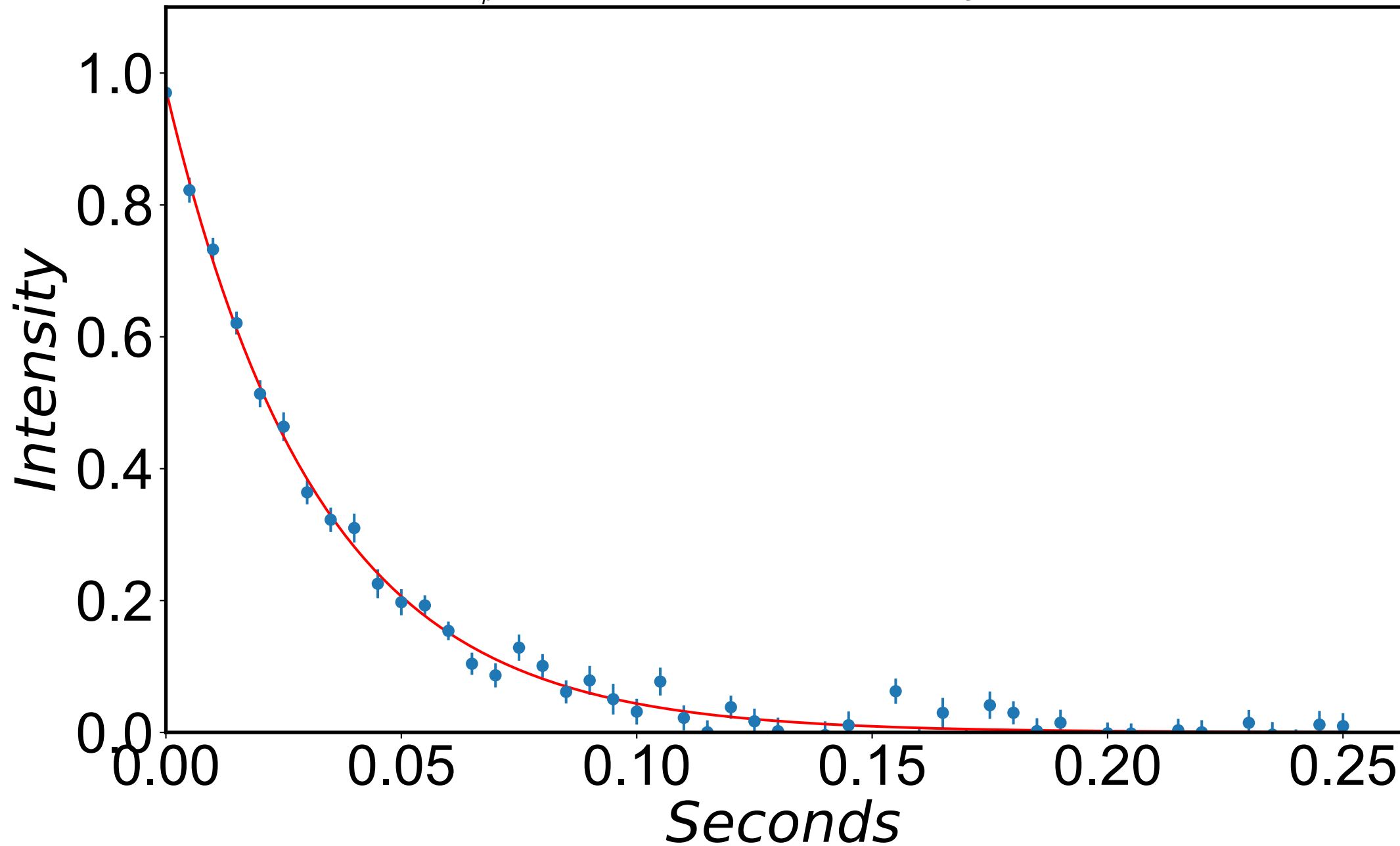
$$R_{1\rho} = 34.0 \pm 0.8 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 146 \text{ Hz}$$



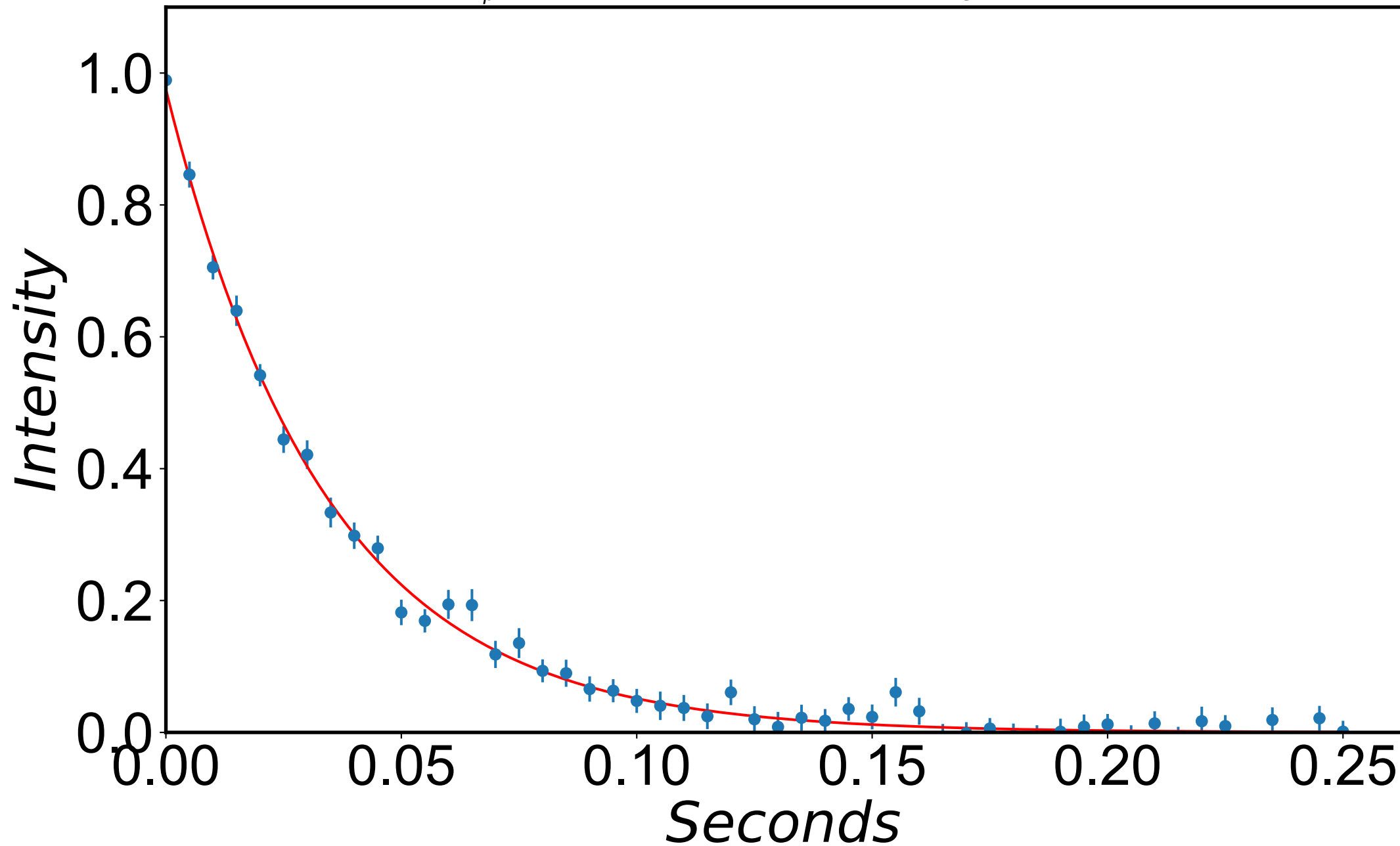
$$R_{1\rho} = 33.7 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 156 \text{ Hz}$$



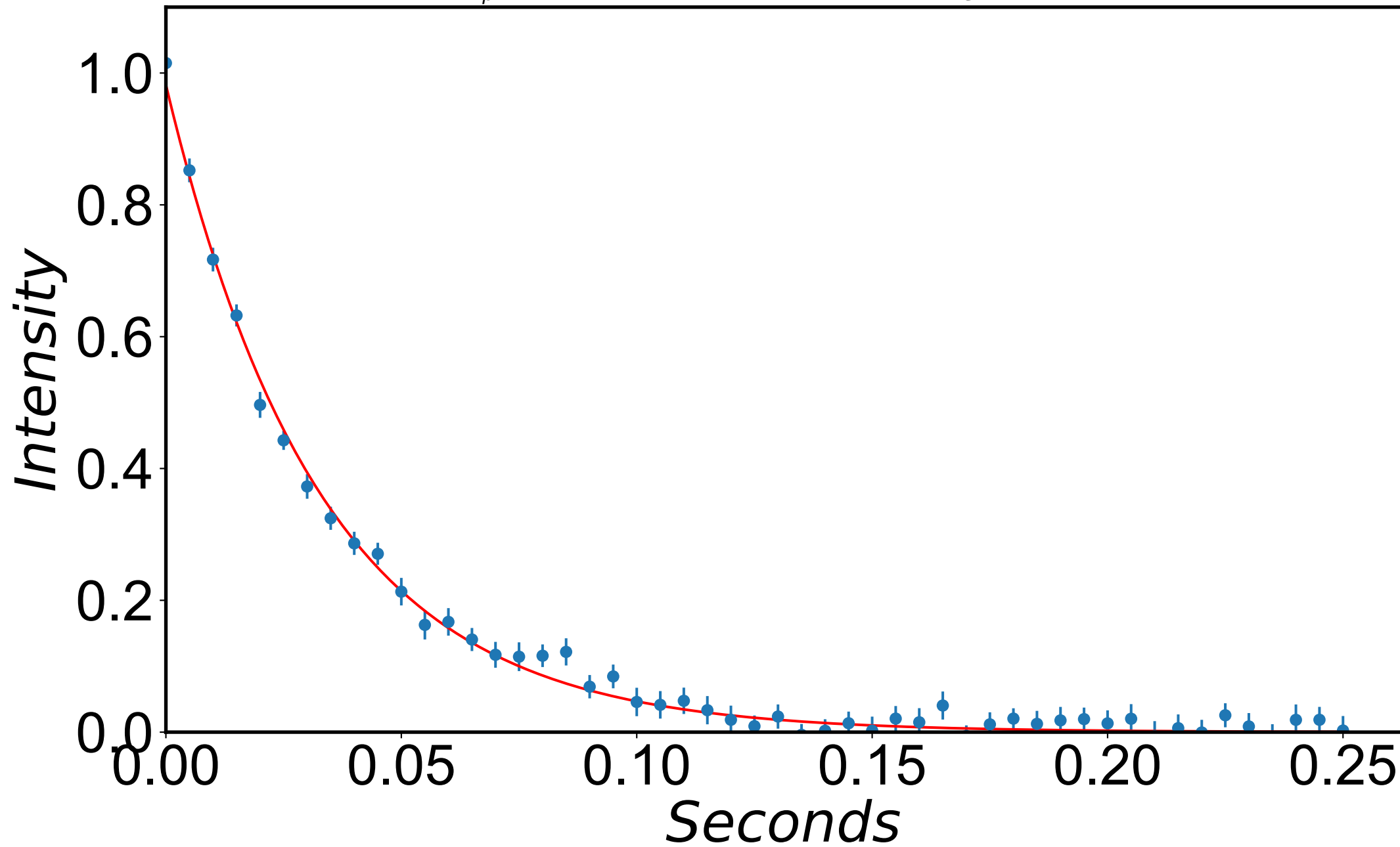
$$R_{1\rho} = 31.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 166 \text{ Hz}$$



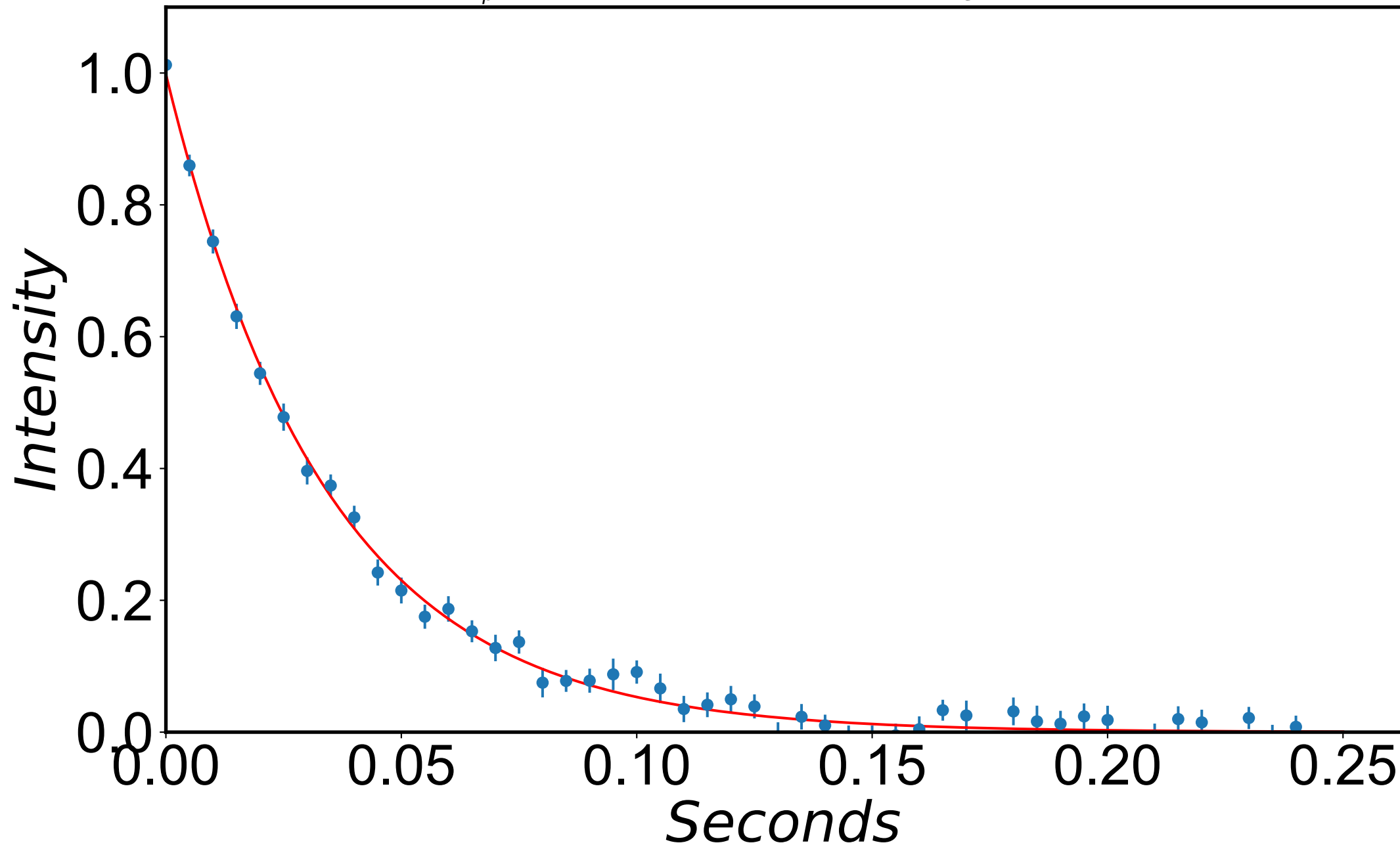
$$R_{1\rho} = 29.4 \pm 0.7 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 176 \text{ Hz}$$



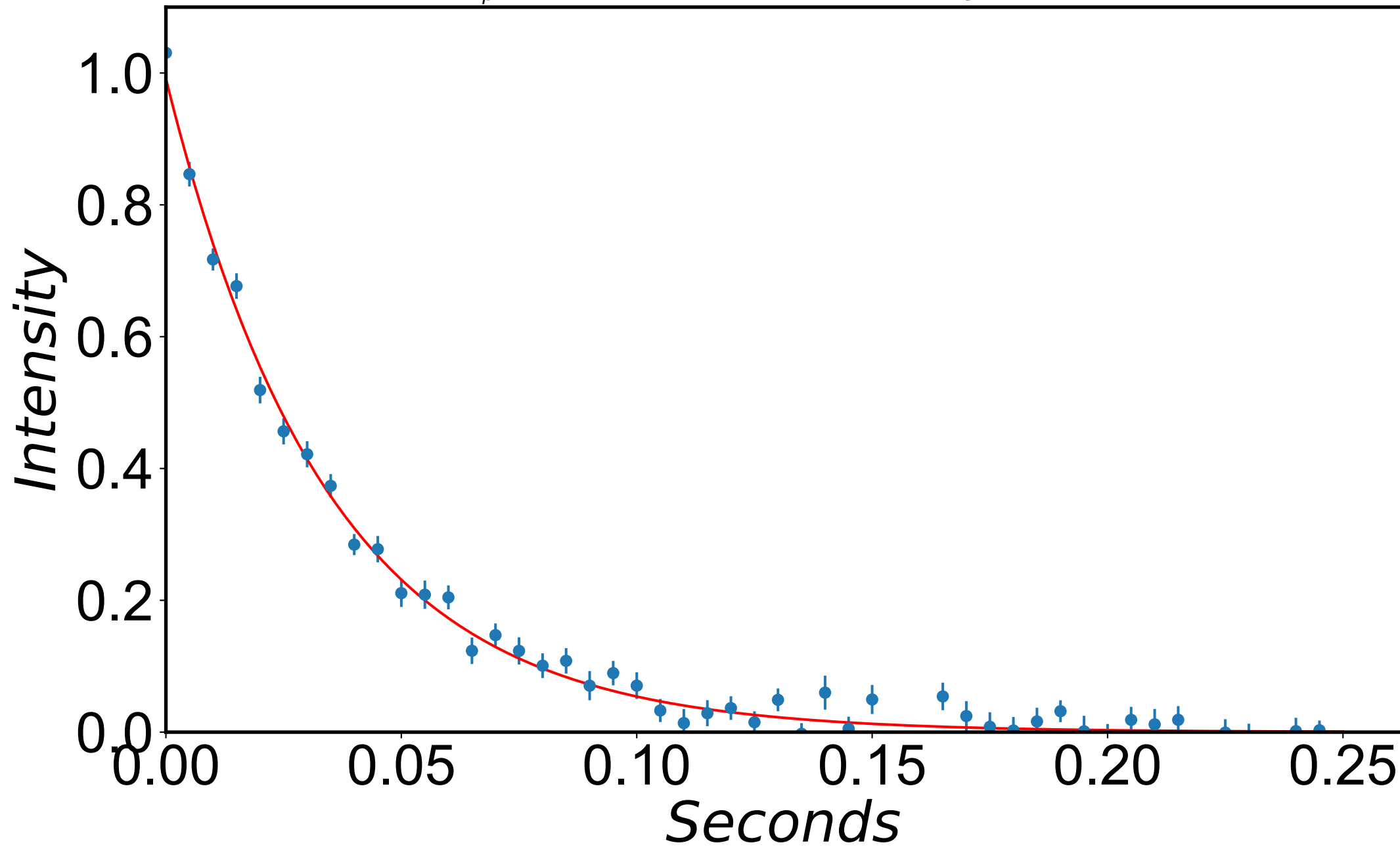
$$R_{1\rho} = 30.5 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 186 \text{ Hz}$$



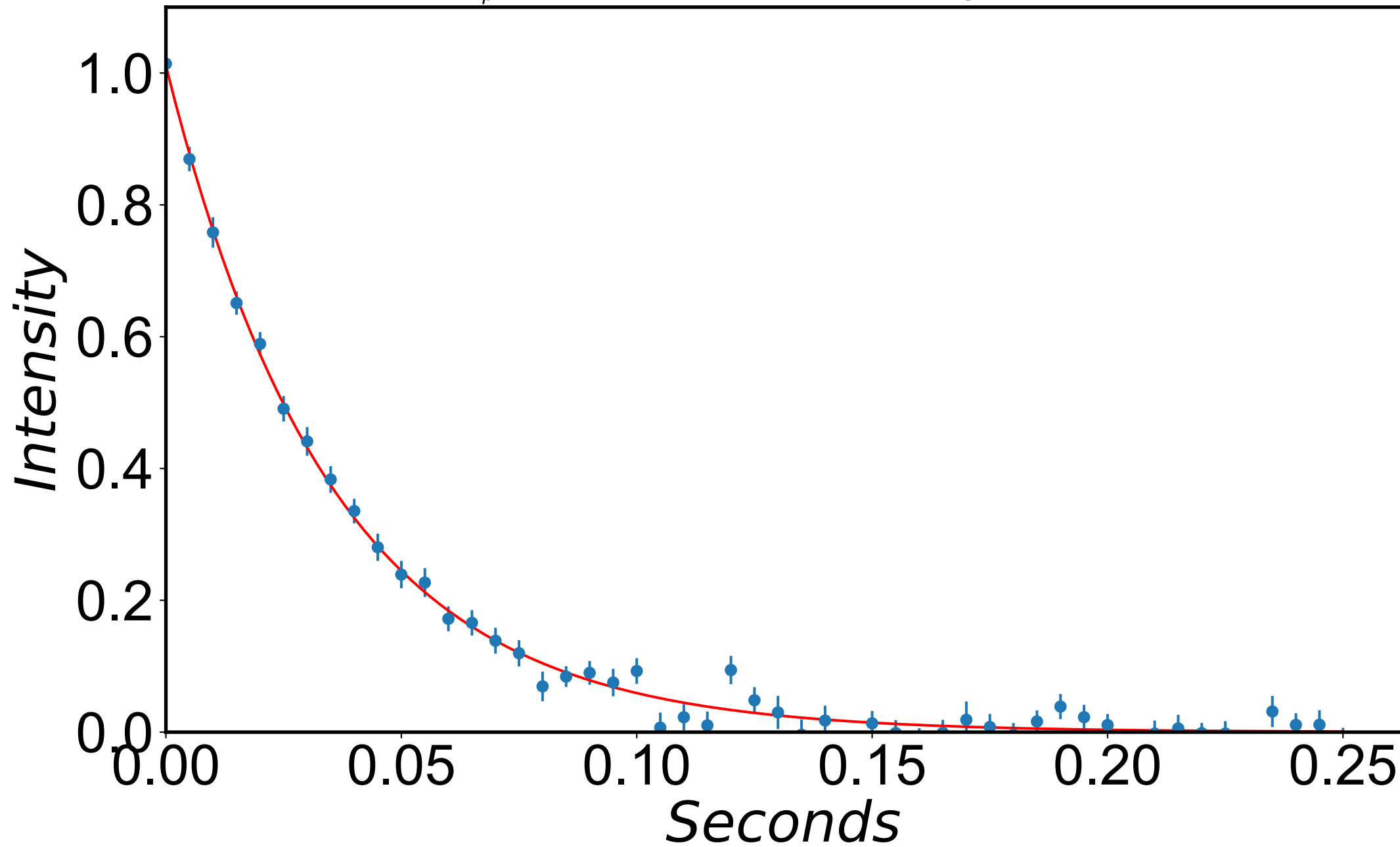
$$R_{1\rho} = 29.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 196 \text{ Hz}$$



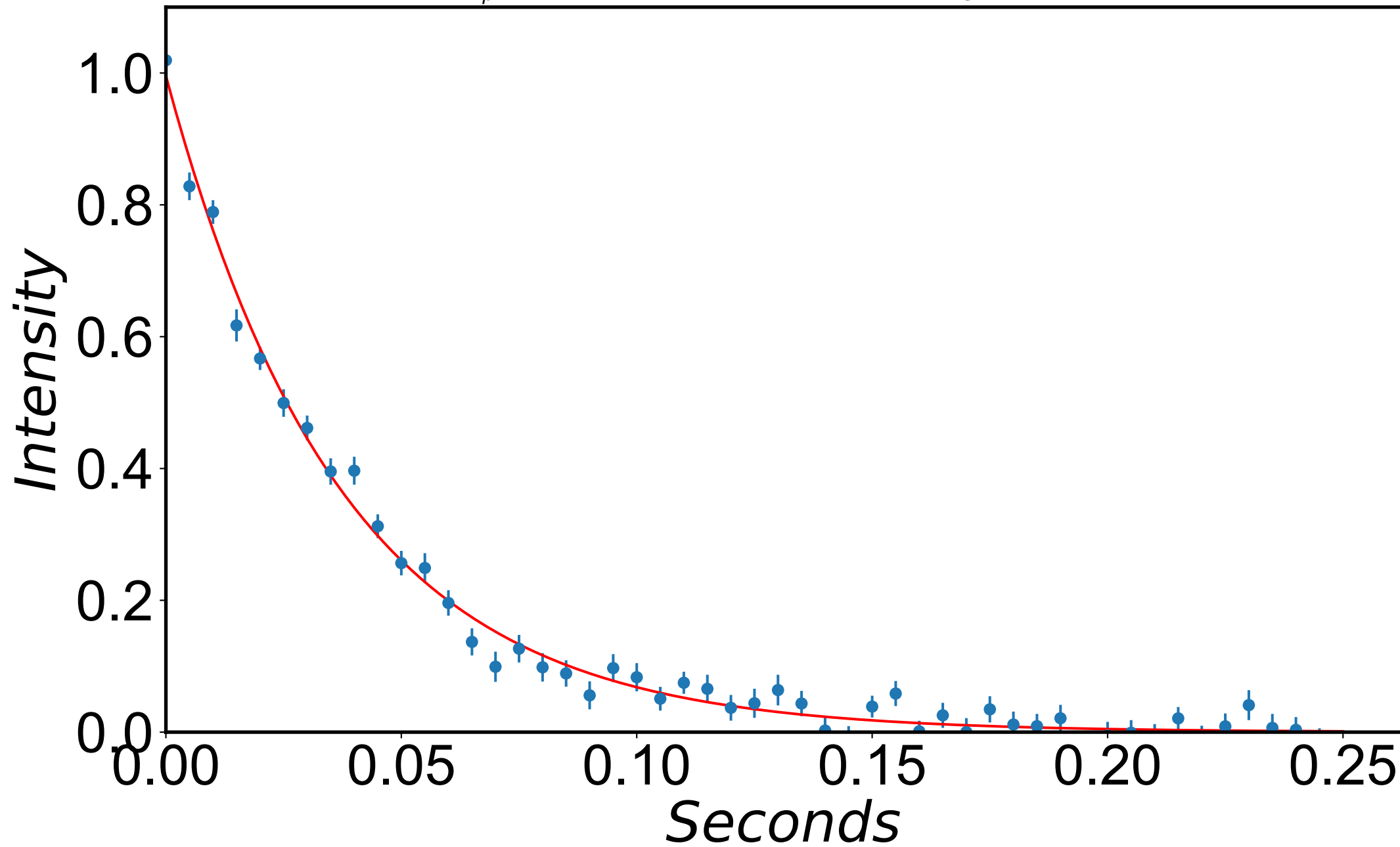
$$R_{1\rho} = 29.1 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 206 \text{ Hz}$$



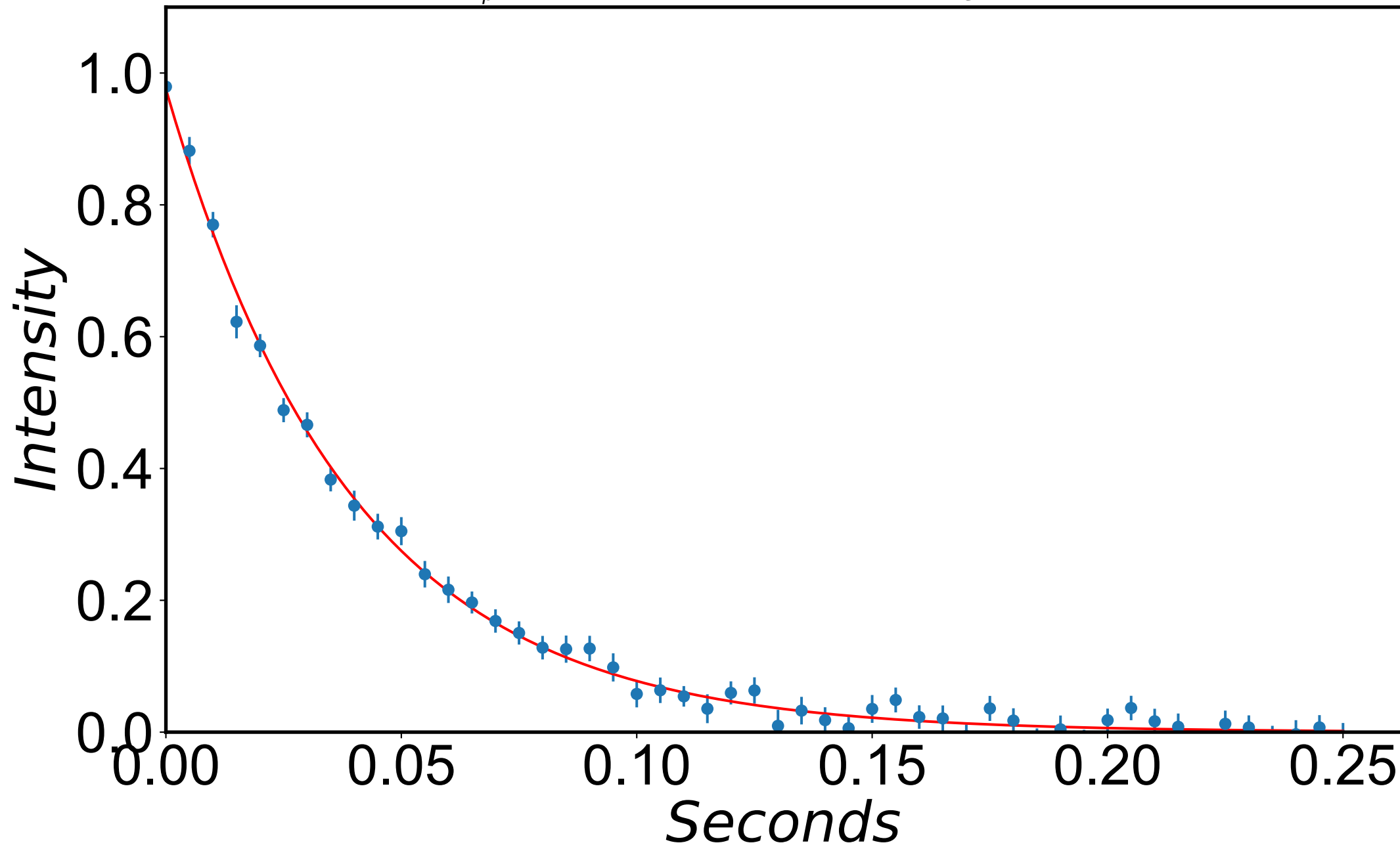
$$R_{1\rho} = 28.4 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 216 \text{ Hz}$$



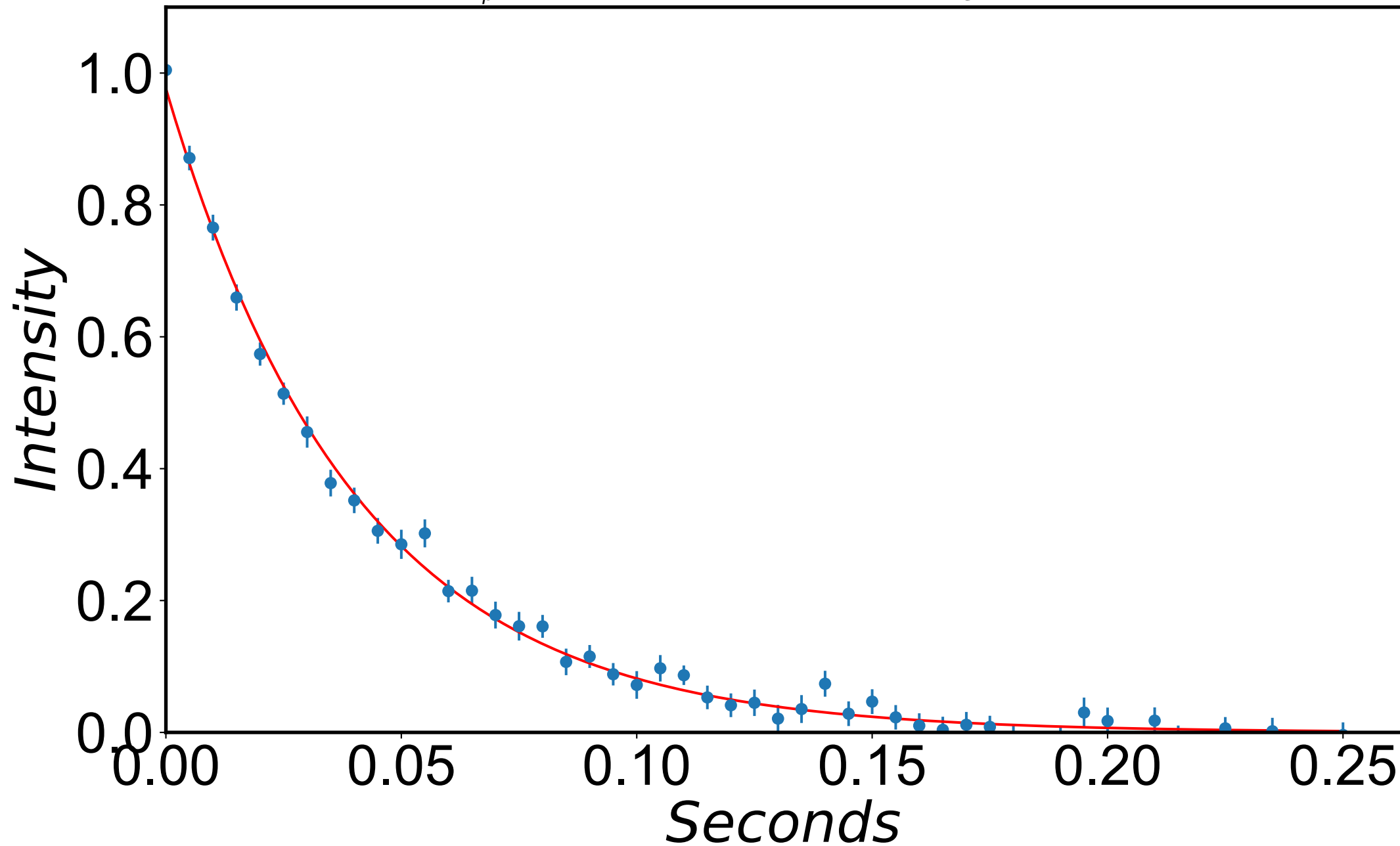
$$R_{1\rho} = 26.8 \pm 0.6 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 226 \text{ Hz}$$



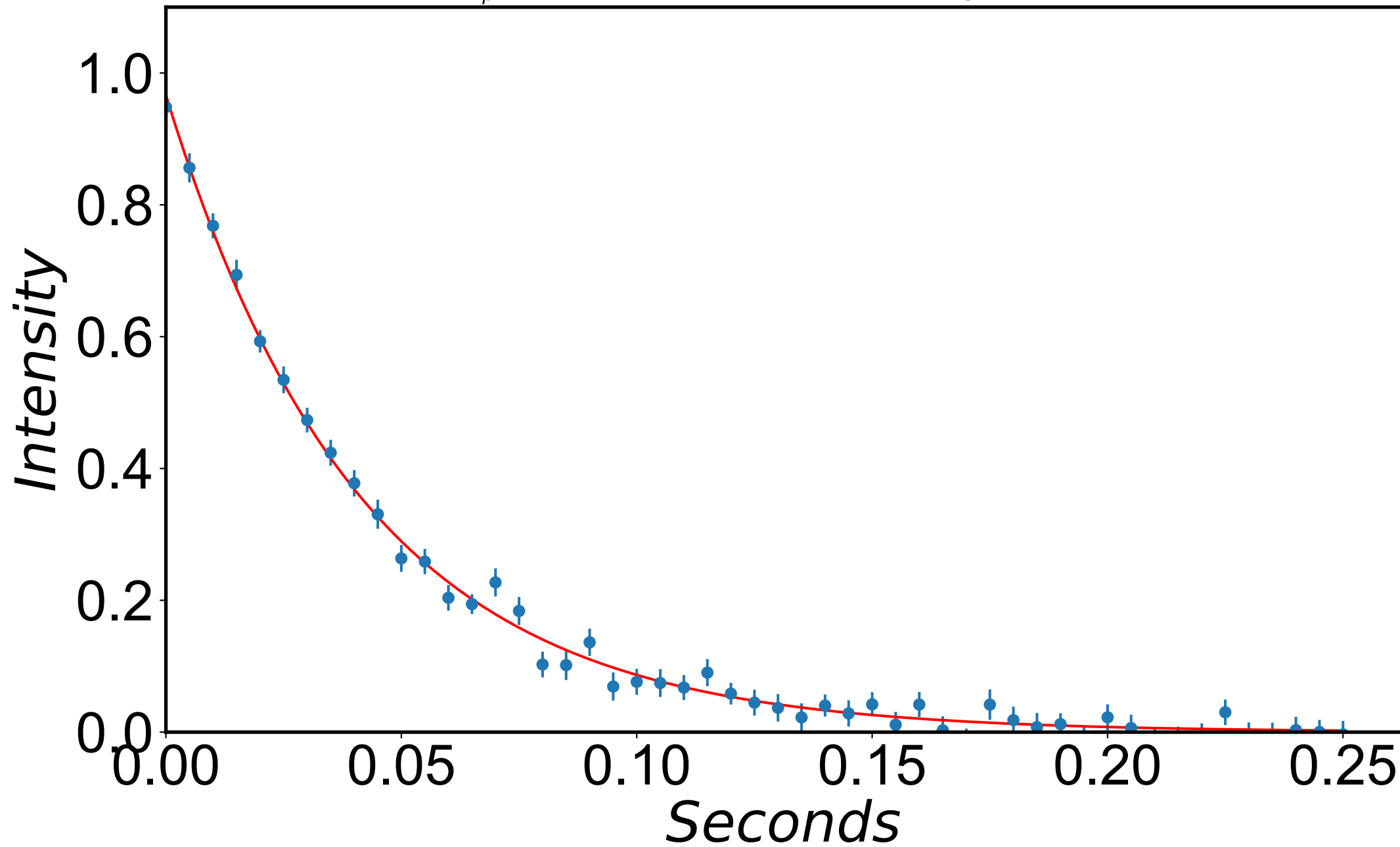
$$R_{1\rho} = 25.3 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 236 \text{ Hz}$$



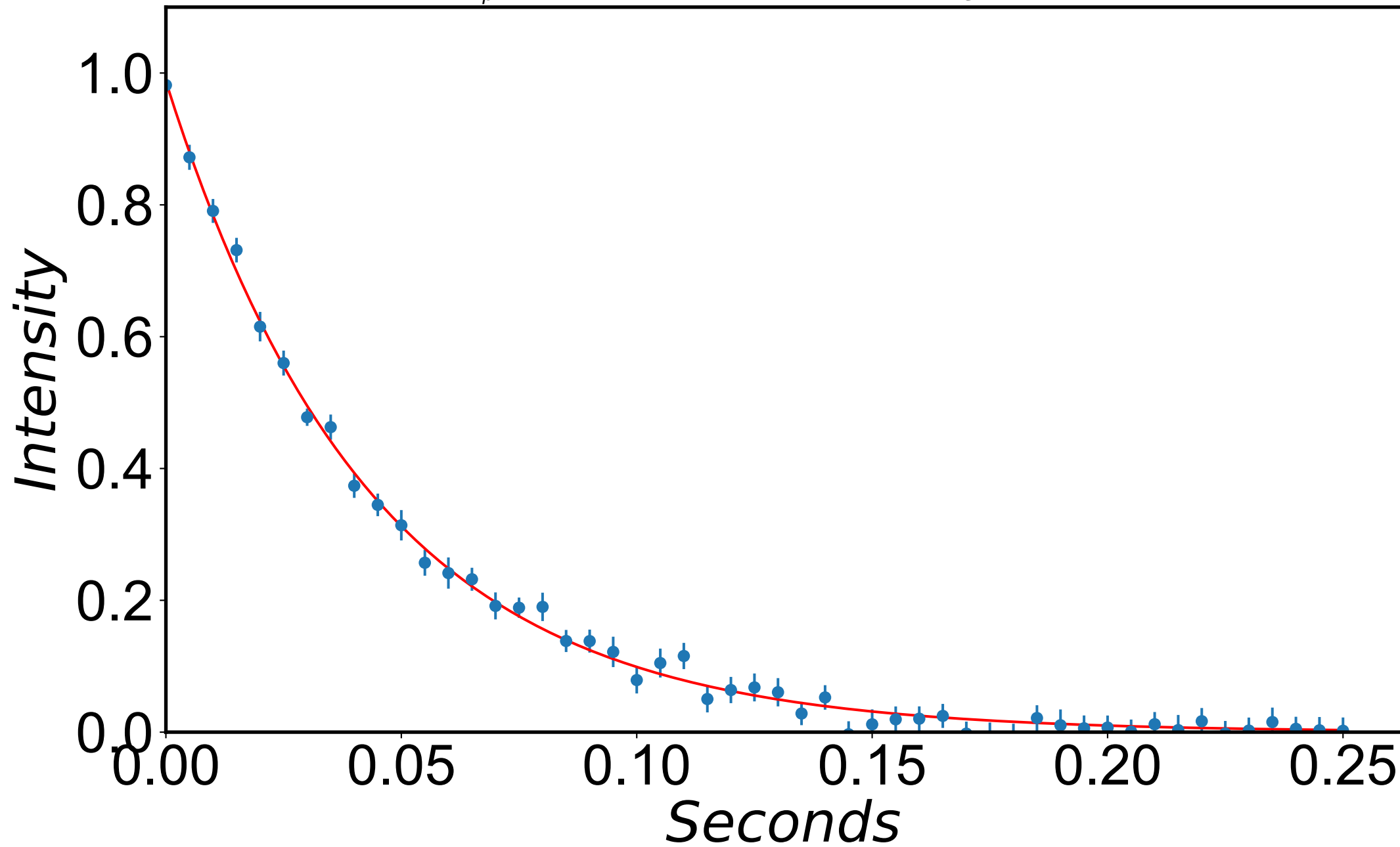
$$R_{1\rho} = 24.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 246 \text{ Hz}$$



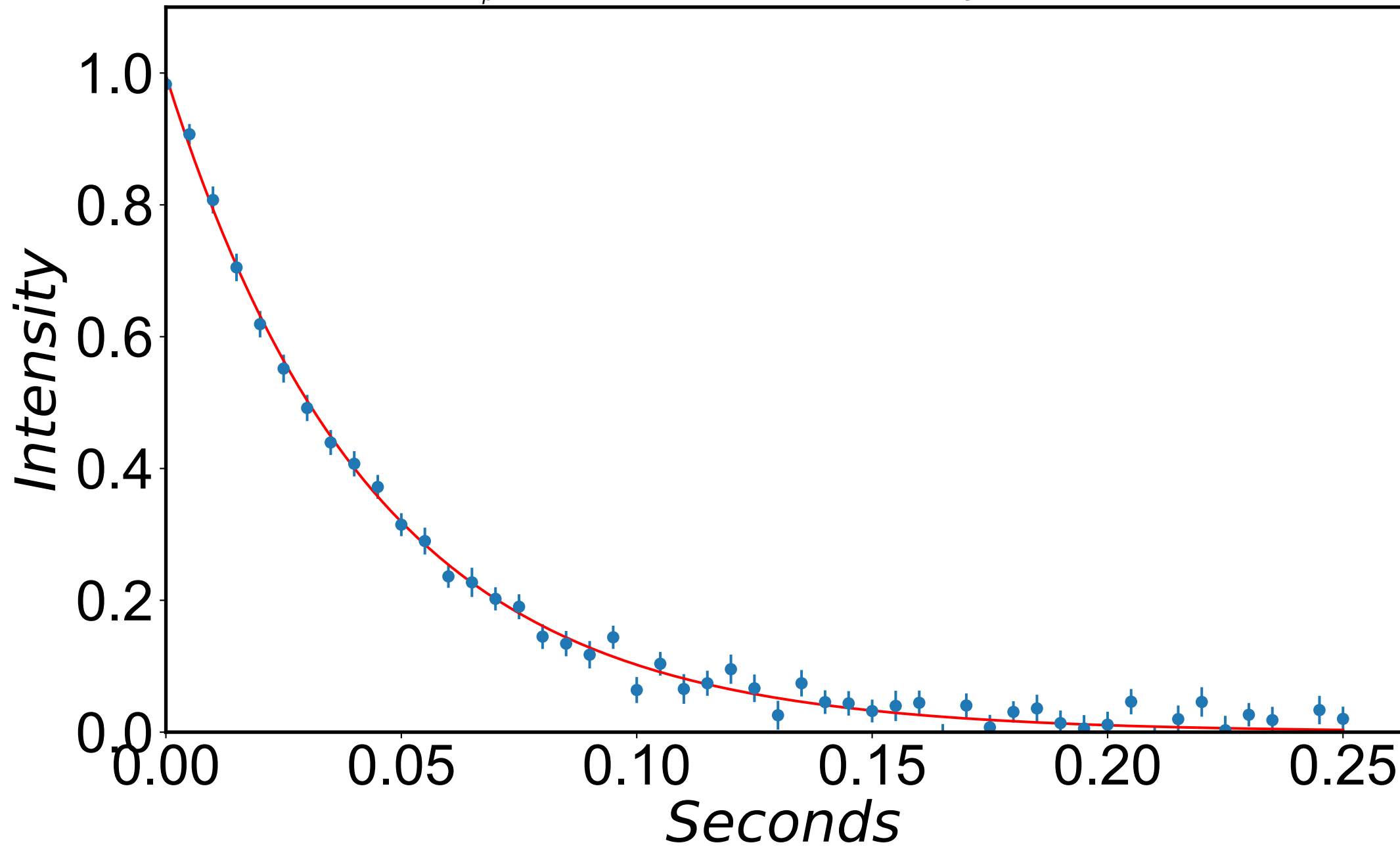
$$R_{1\rho} = 24.1 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 256 \text{ Hz}$$



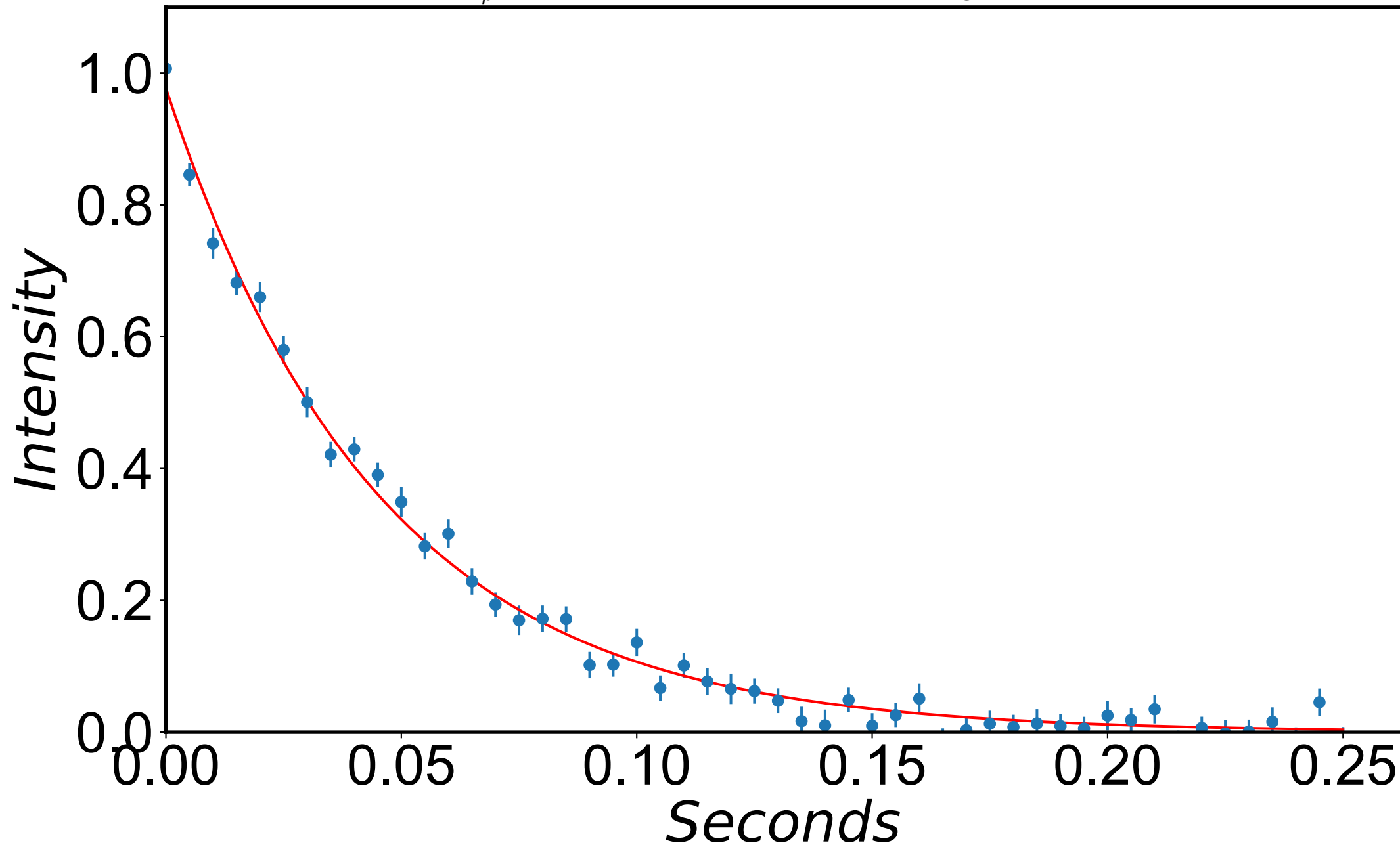
$$R_{1\rho} = 23.0 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 266 \text{ Hz}$$



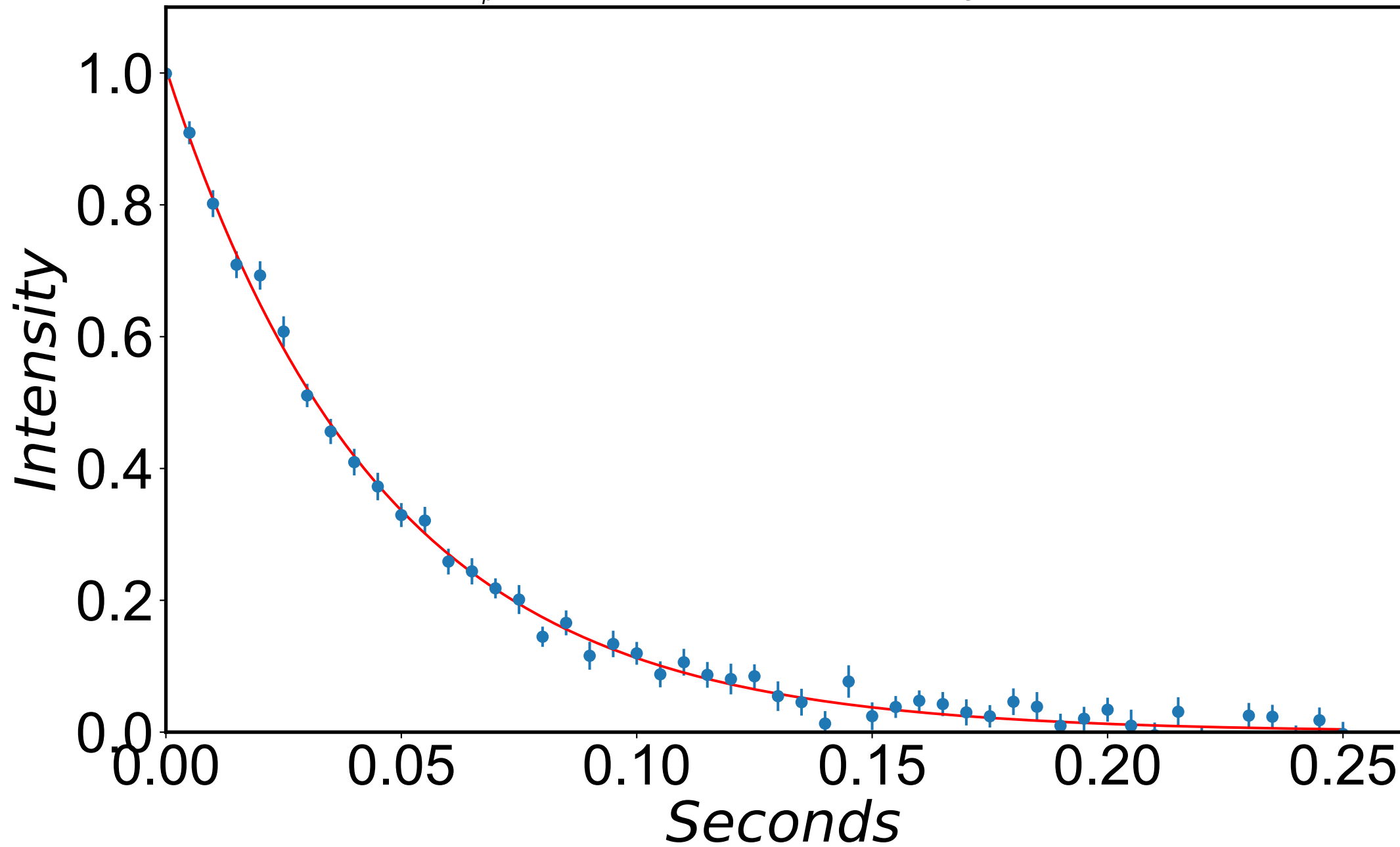
$$R_{1\rho} = 22.8 \pm 0.5 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 276 \text{ Hz}$$



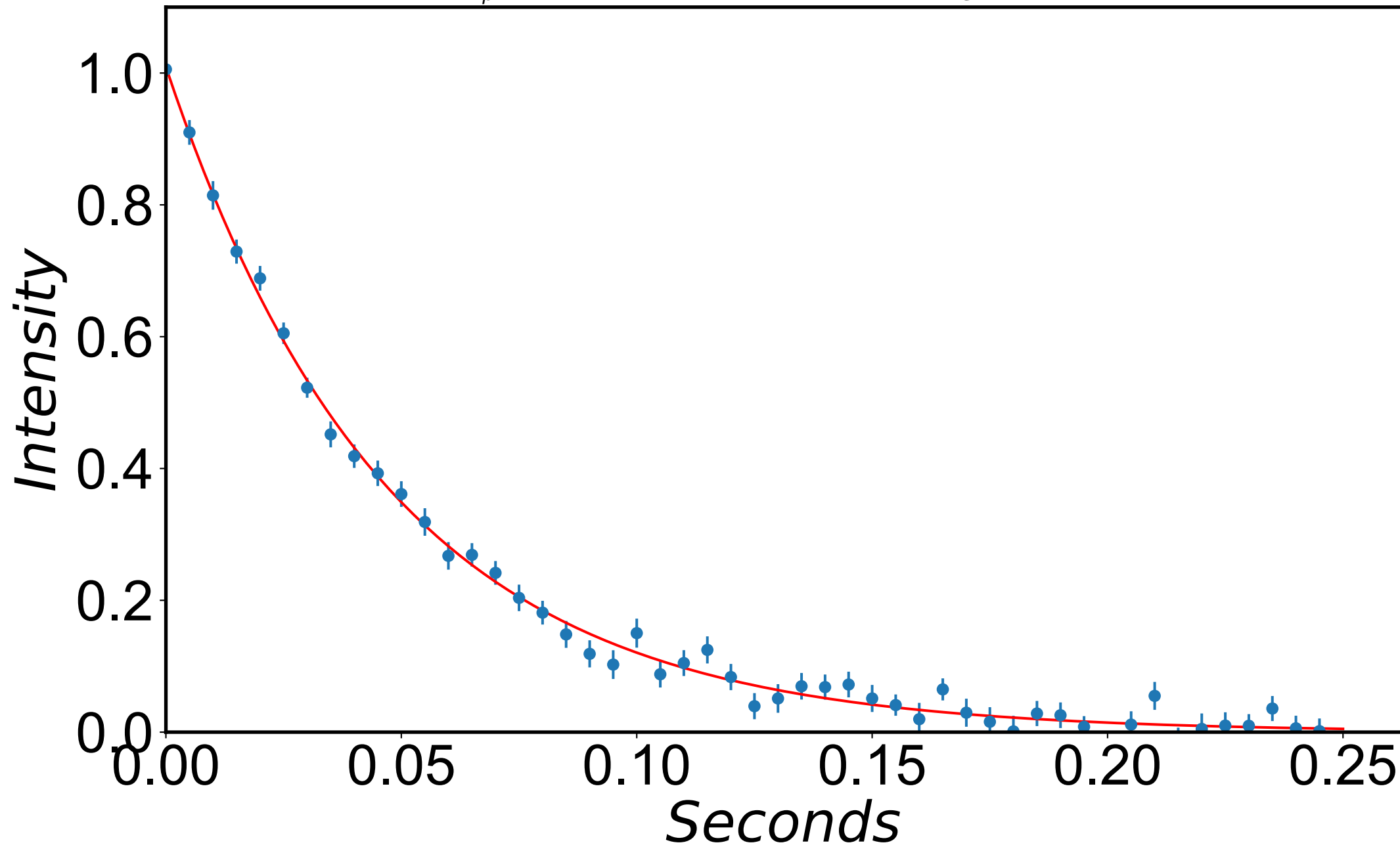
$$R_{1\rho} = 22.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 286 \text{ Hz}$$



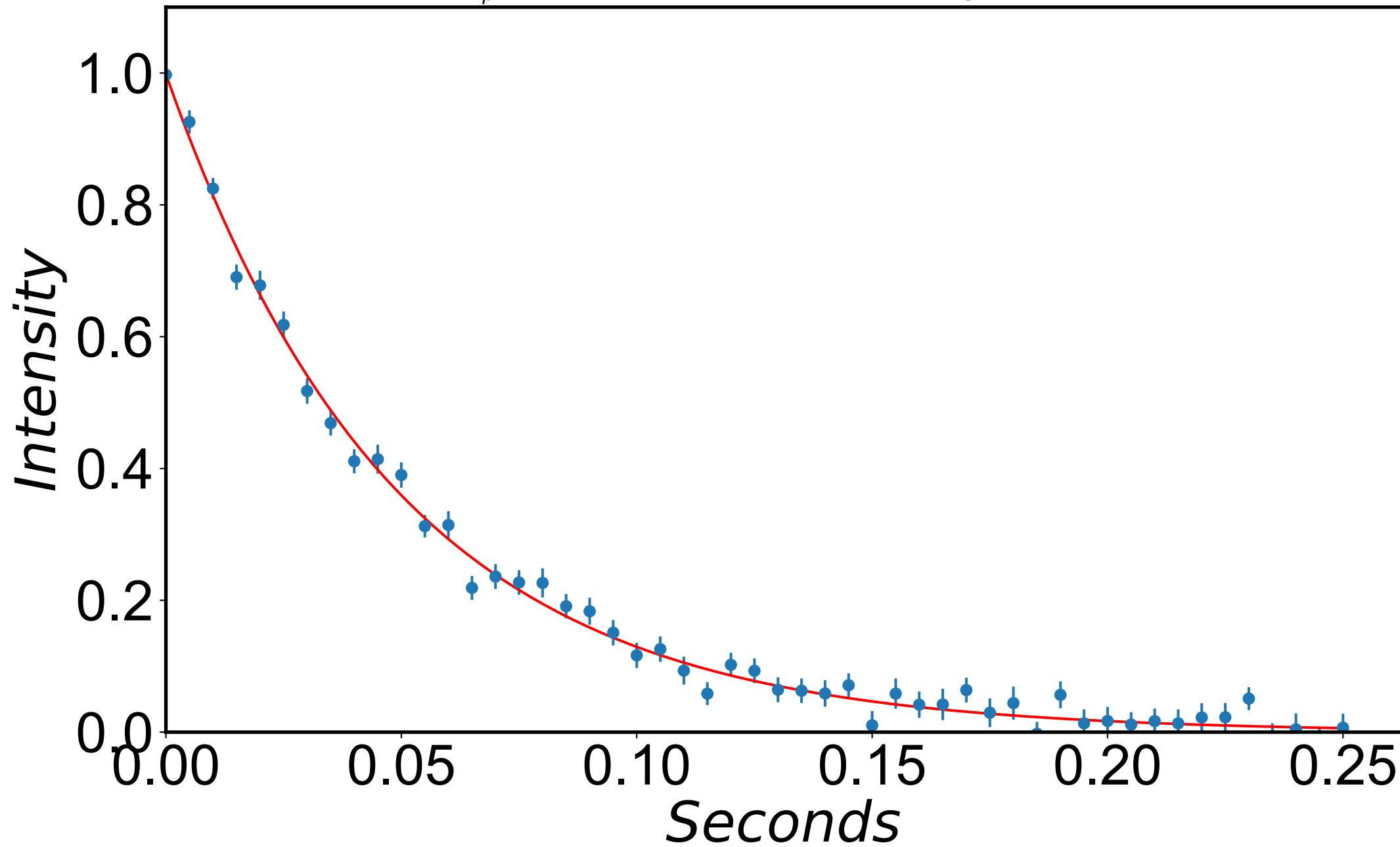
$$R_{1\rho} = 21.9 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 296 \text{ Hz}$$



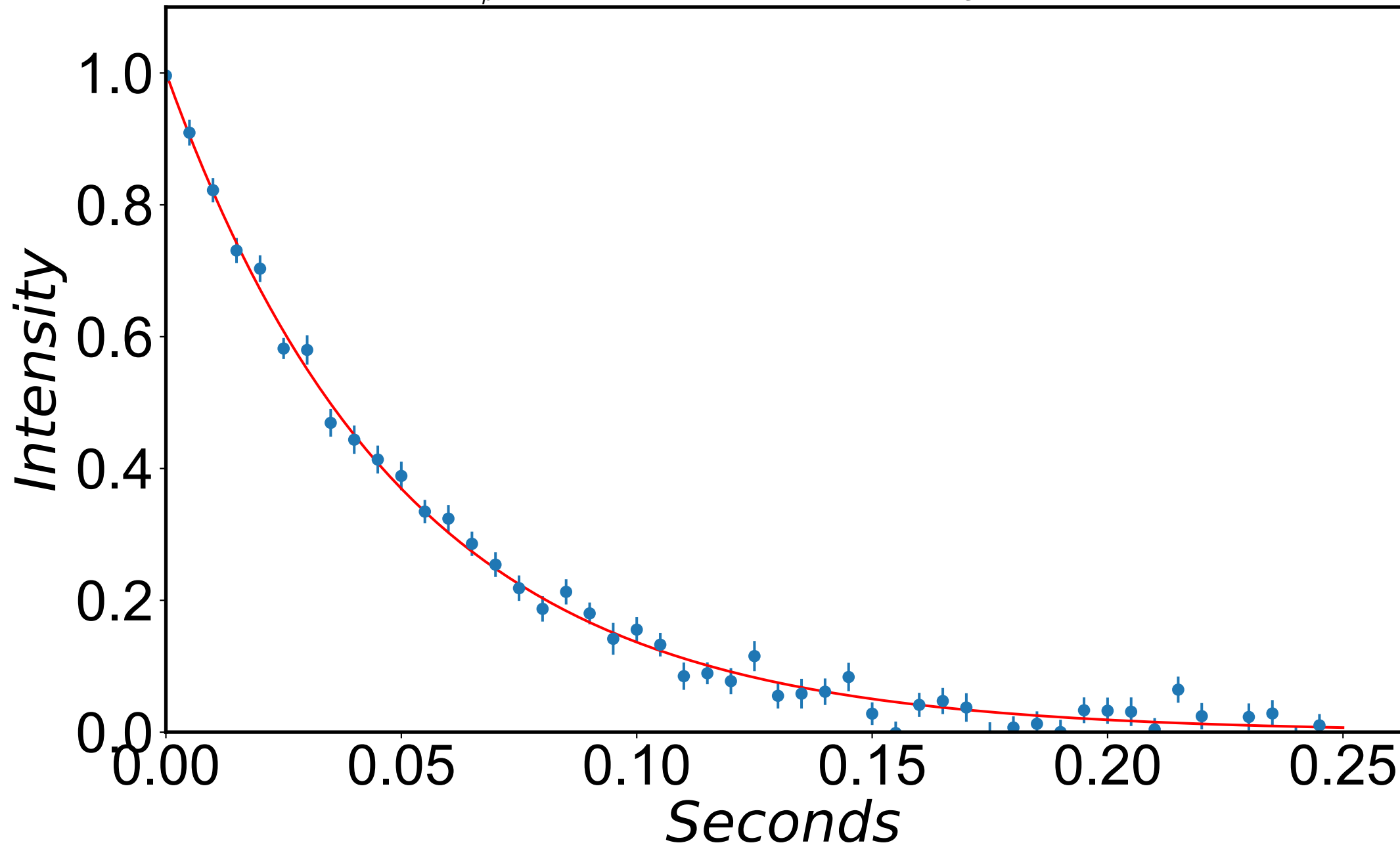
$$R_{1\rho} = 21.2 \pm 0.4 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 307 \text{ Hz}$$



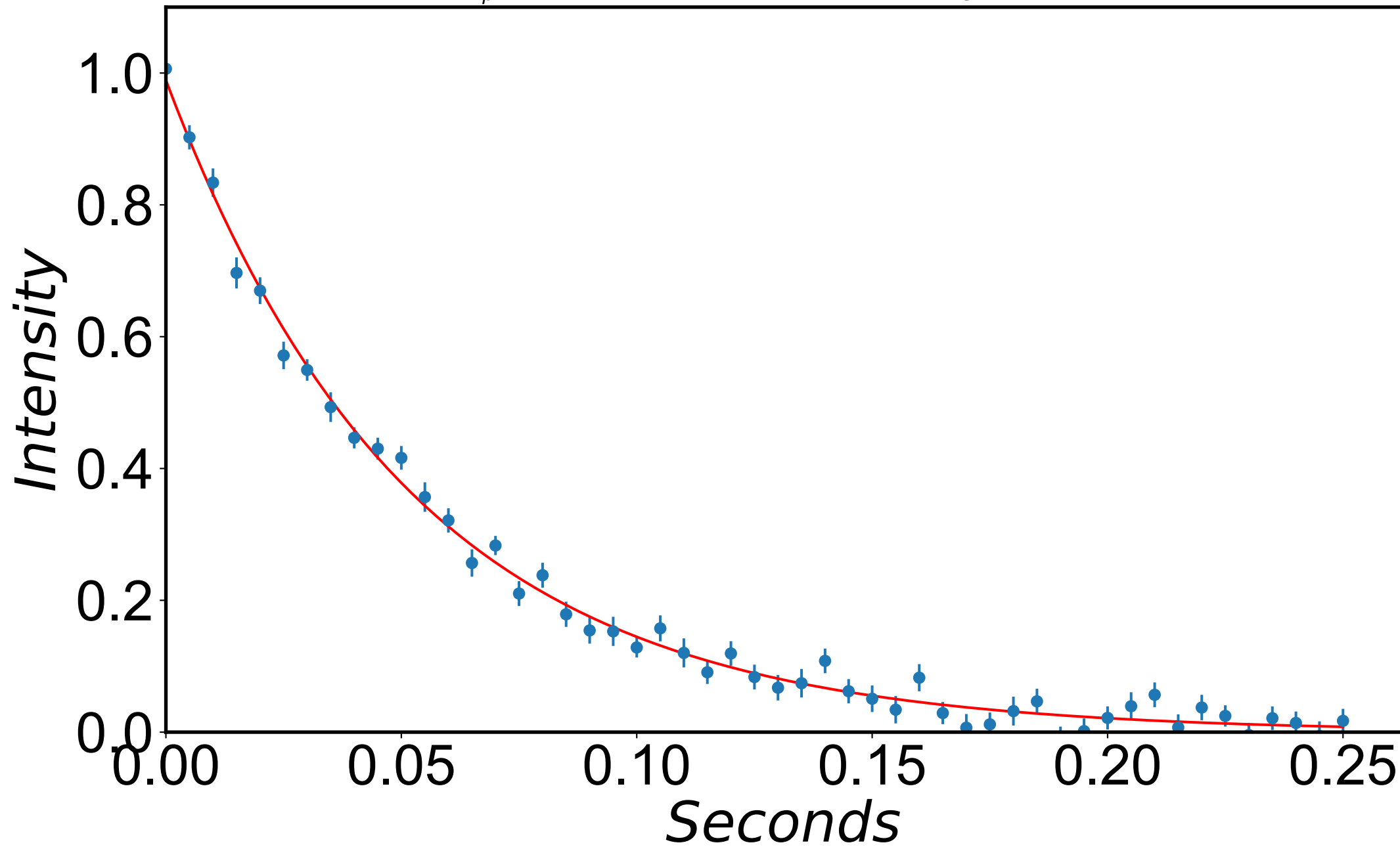
$$R_{1\rho} = 20.4 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 317 \text{ Hz}$$



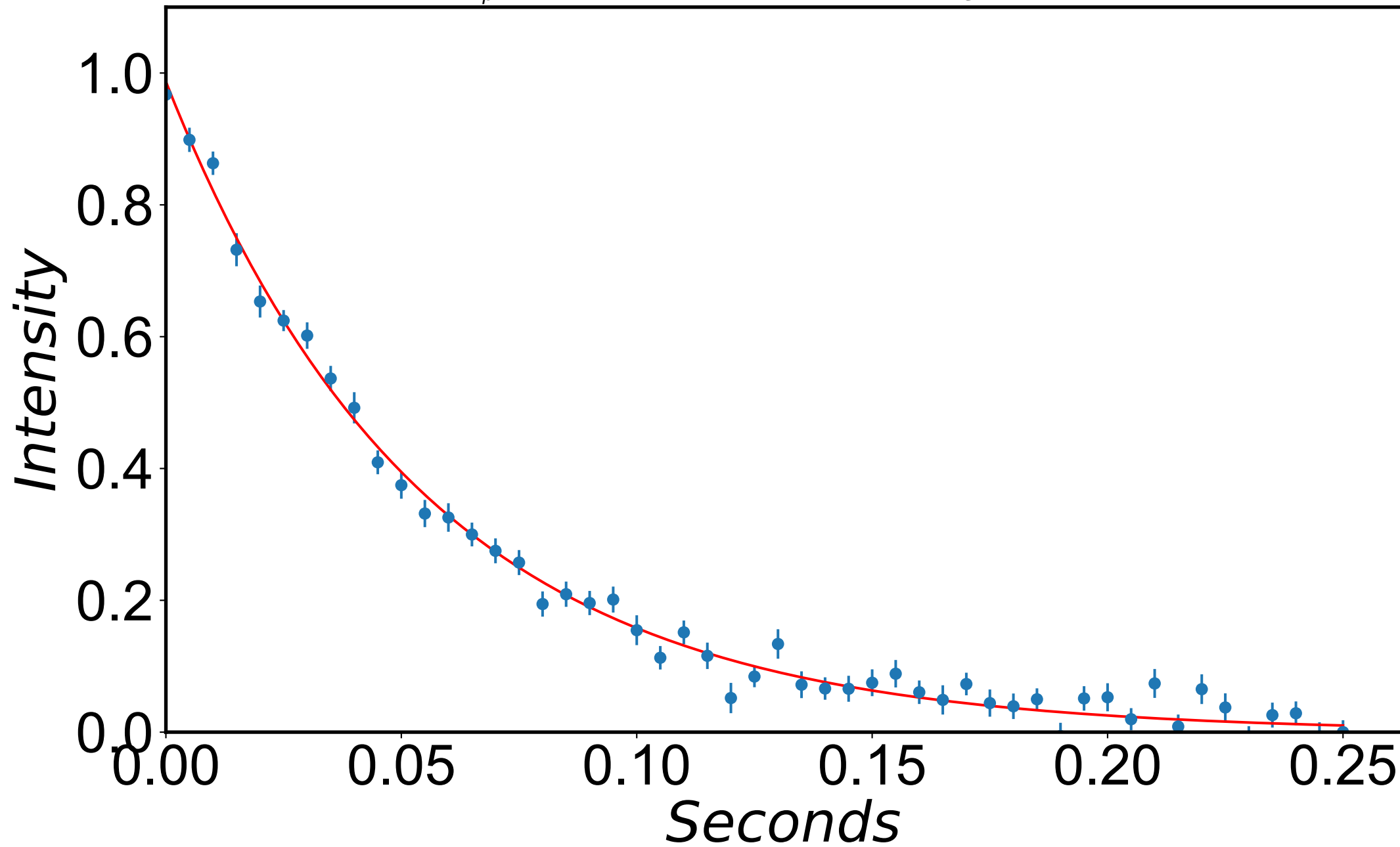
$$R_{1\rho} = 19.9 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 327 \text{ Hz}$$



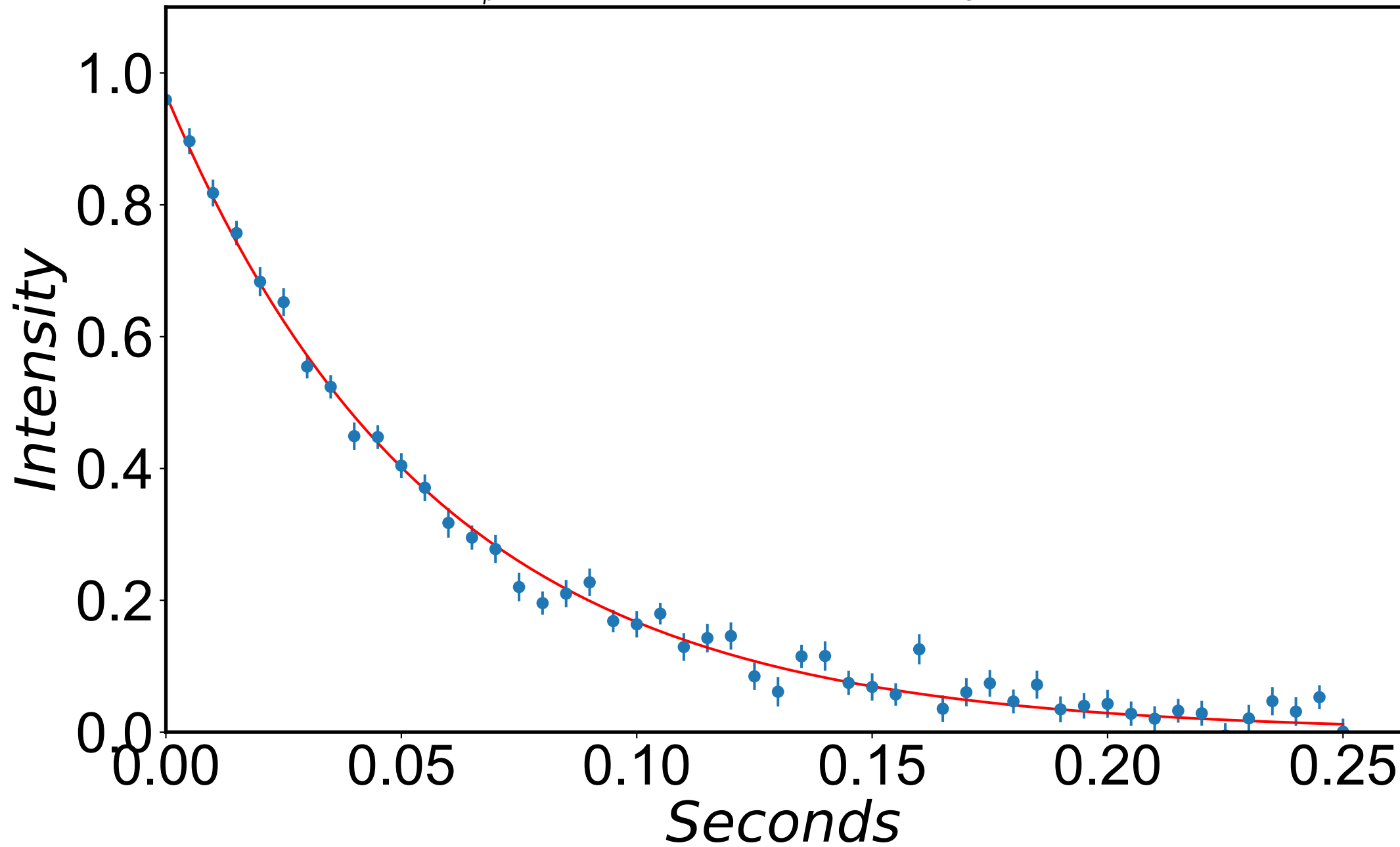
$$R_{1\rho} = 19.2 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 337 \text{ Hz}$$



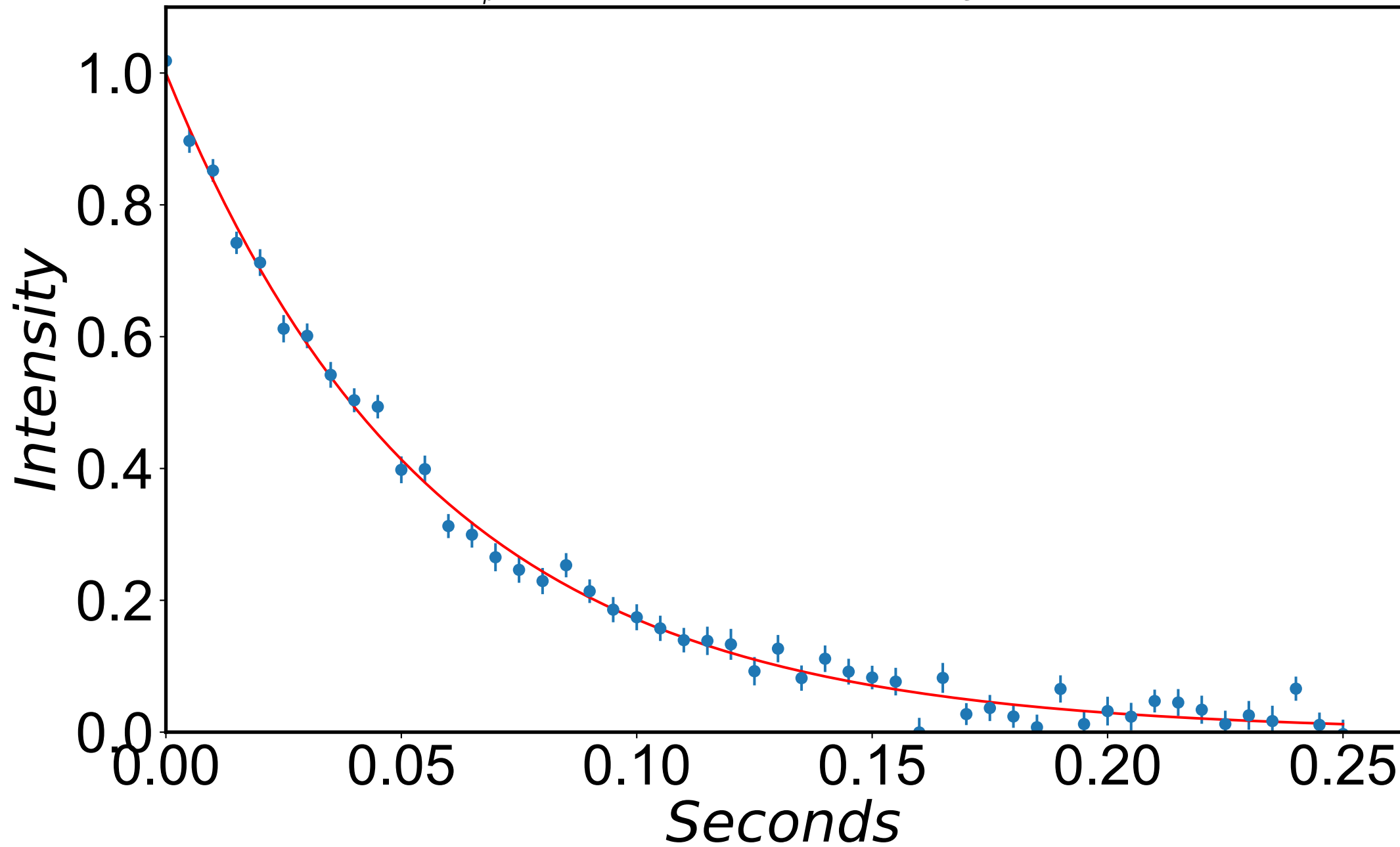
$$R_{1\rho} = 18.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 347 \text{ Hz}$$



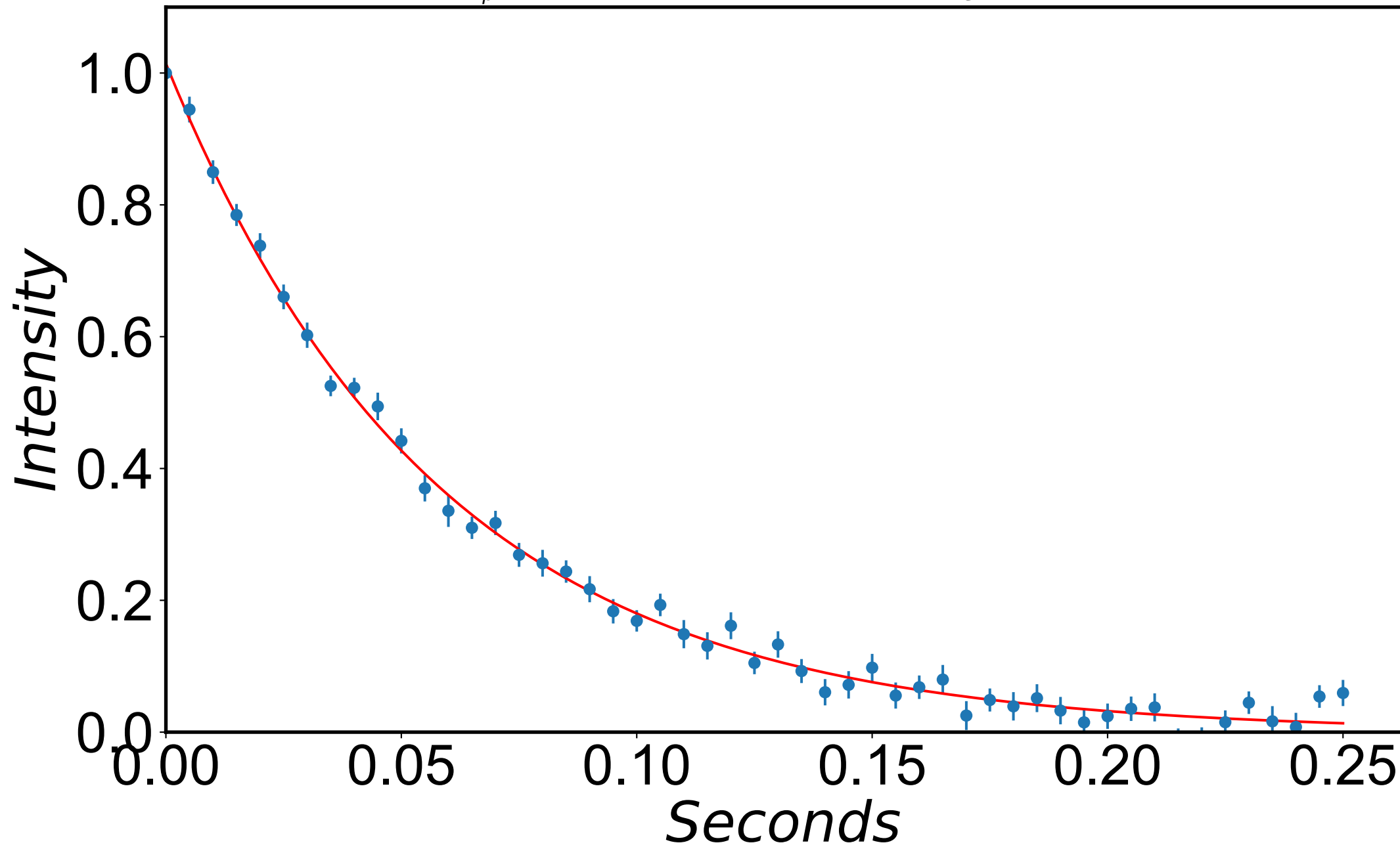
$$R_{1\rho} = 17.6 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 357 \text{ Hz}$$



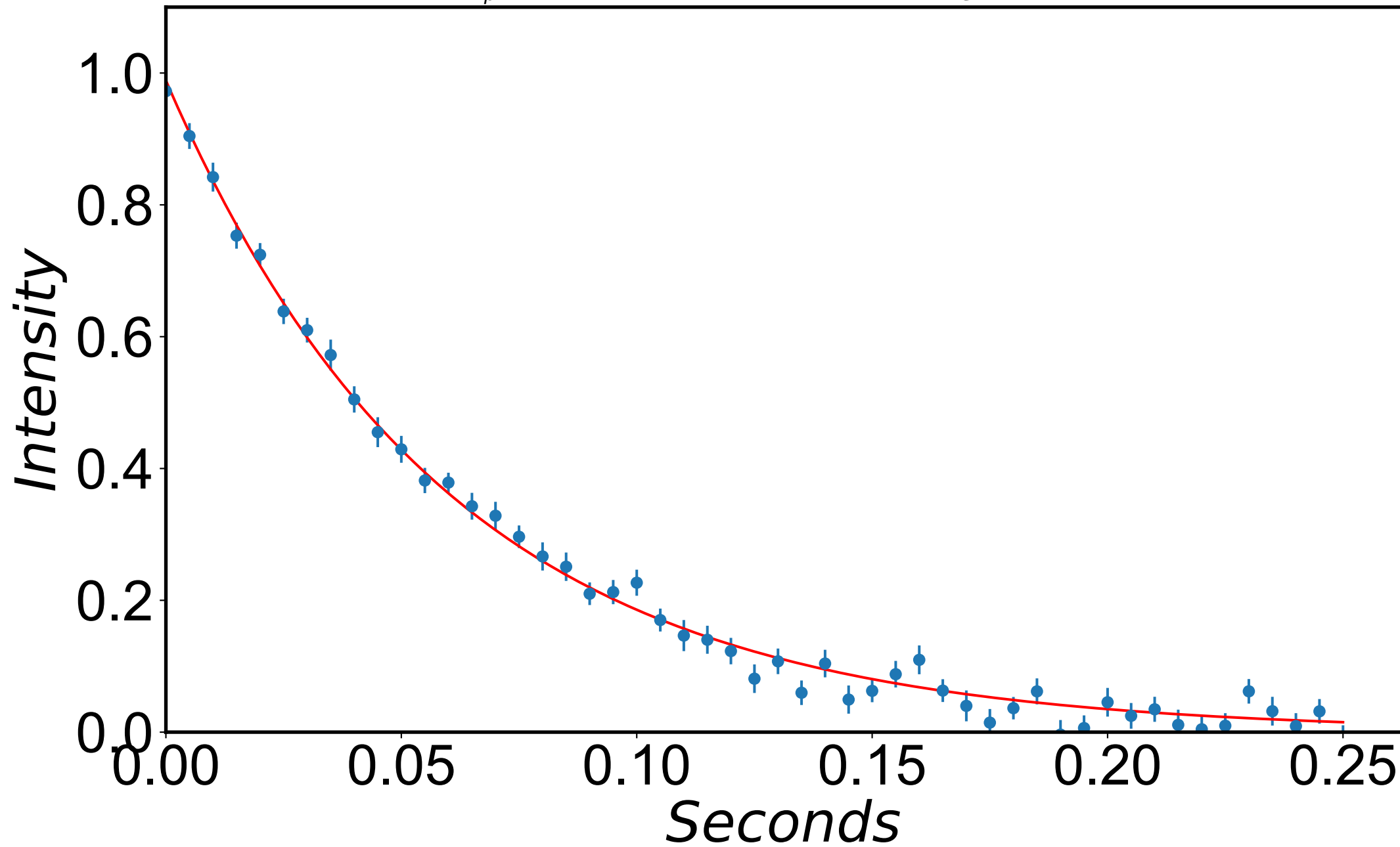
$$R_{1\rho} = 17.7 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 367 \text{ Hz}$$



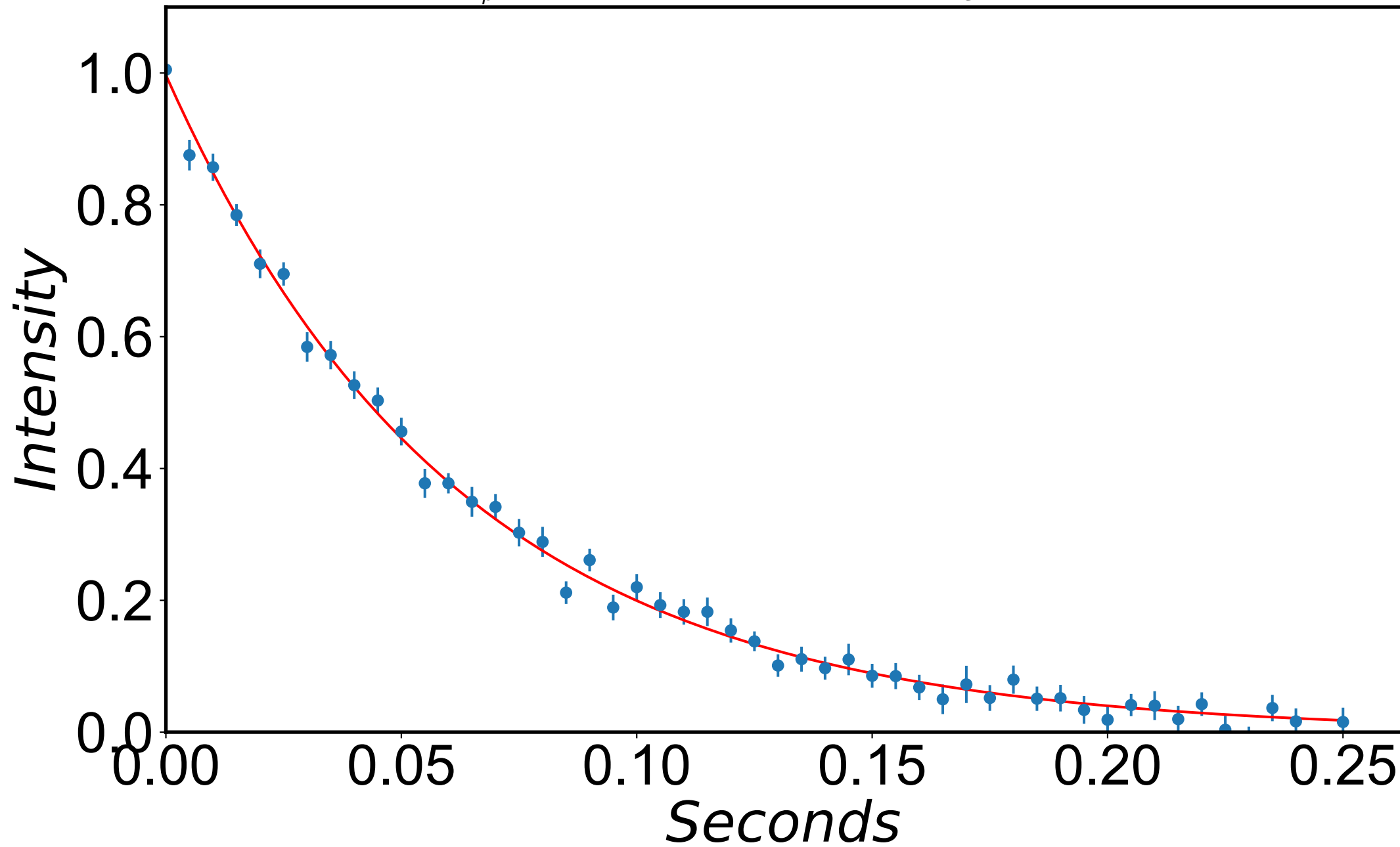
$$R_{1\rho} = 17.3 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 377 \text{ Hz}$$



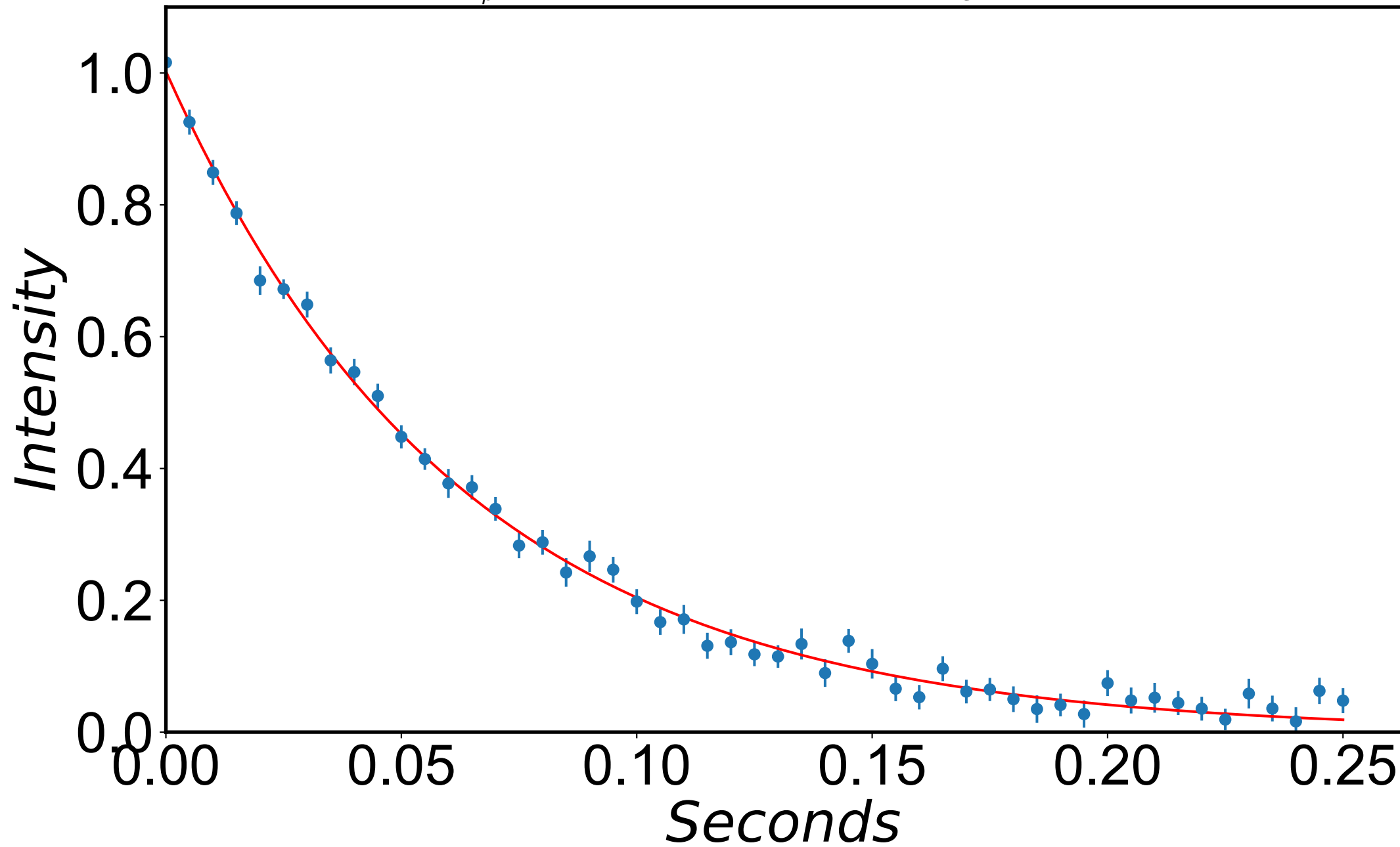
$$R_{1\rho} = 16.7 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 387 \text{ Hz}$$



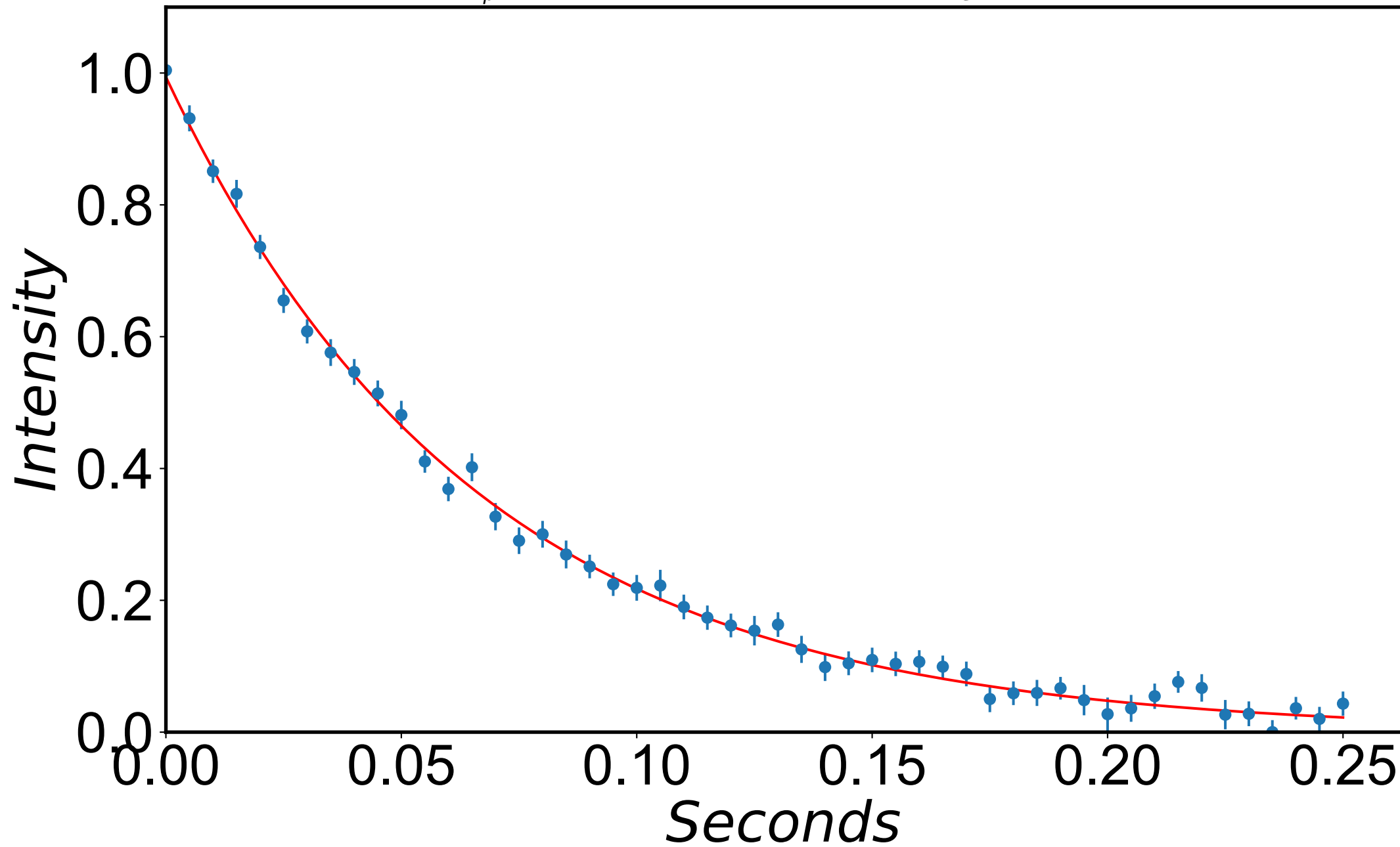
$$R_{1\rho} = 16.1 \pm 0.3 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 397 \text{ Hz}$$



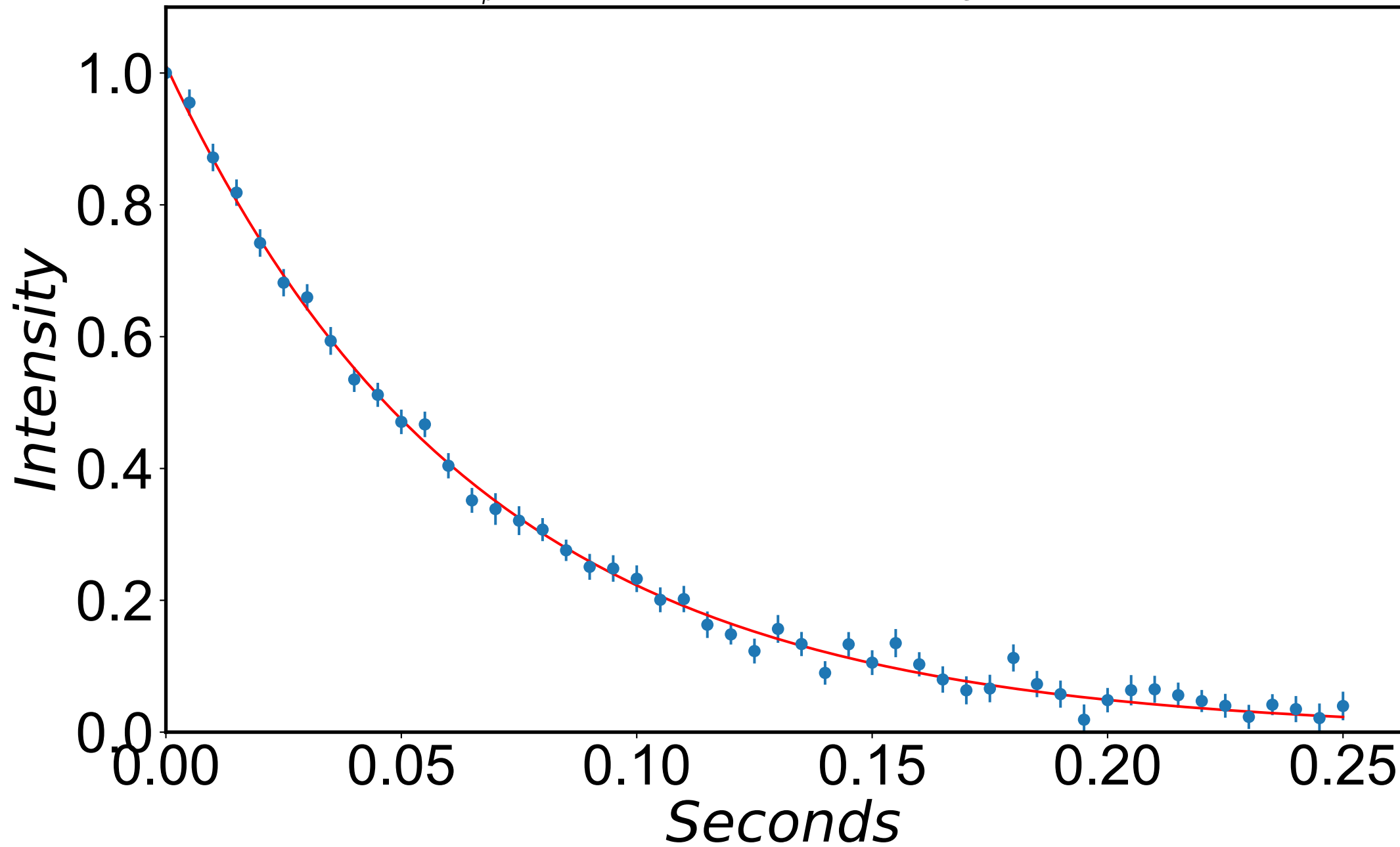
$$R_{1\rho} = 15.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 407 \text{ Hz}$$



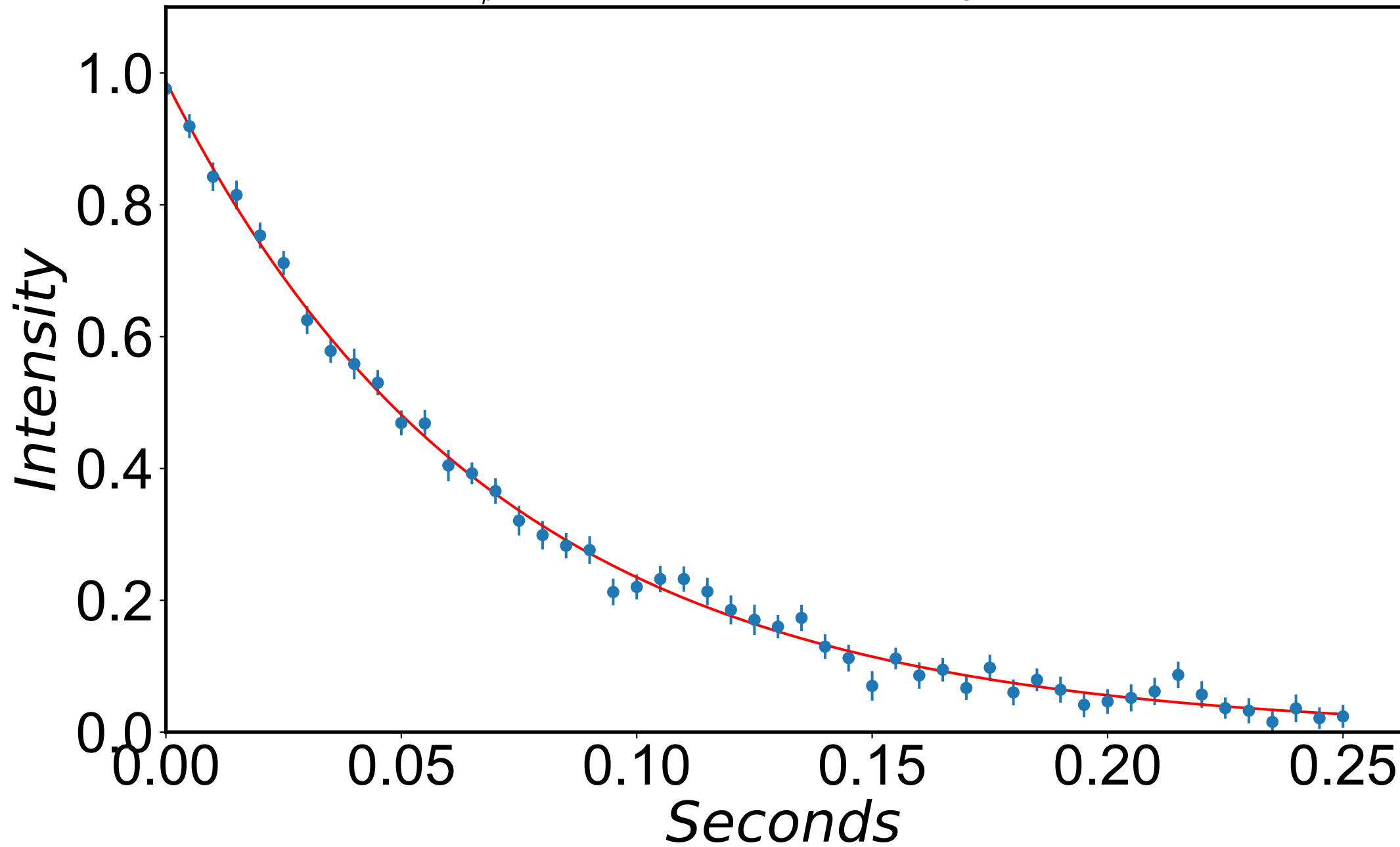
$$R_{1\rho} = 15.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 417 \text{ Hz}$$



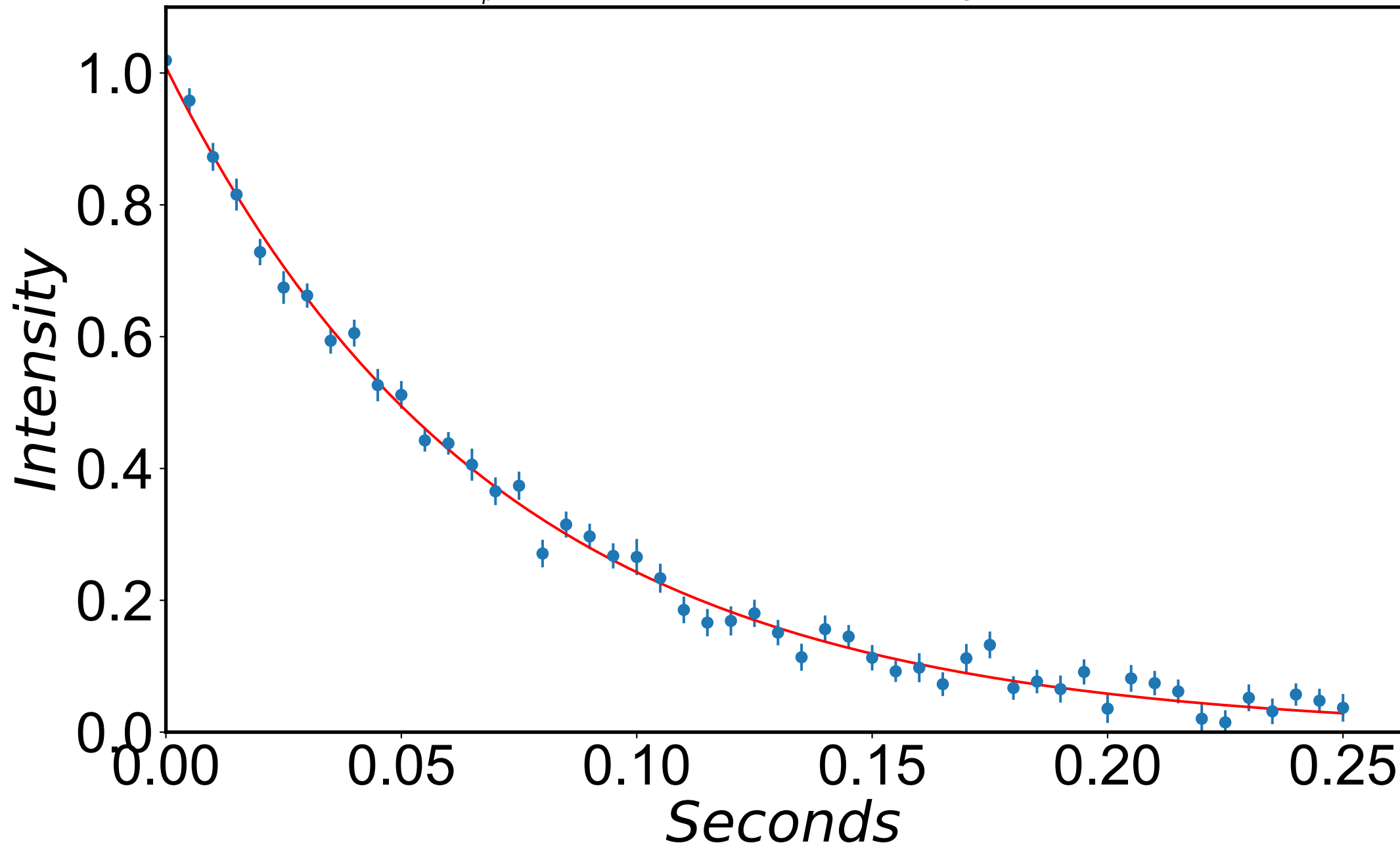
$$R_{1\rho} = 15.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 427 \text{ Hz}$$



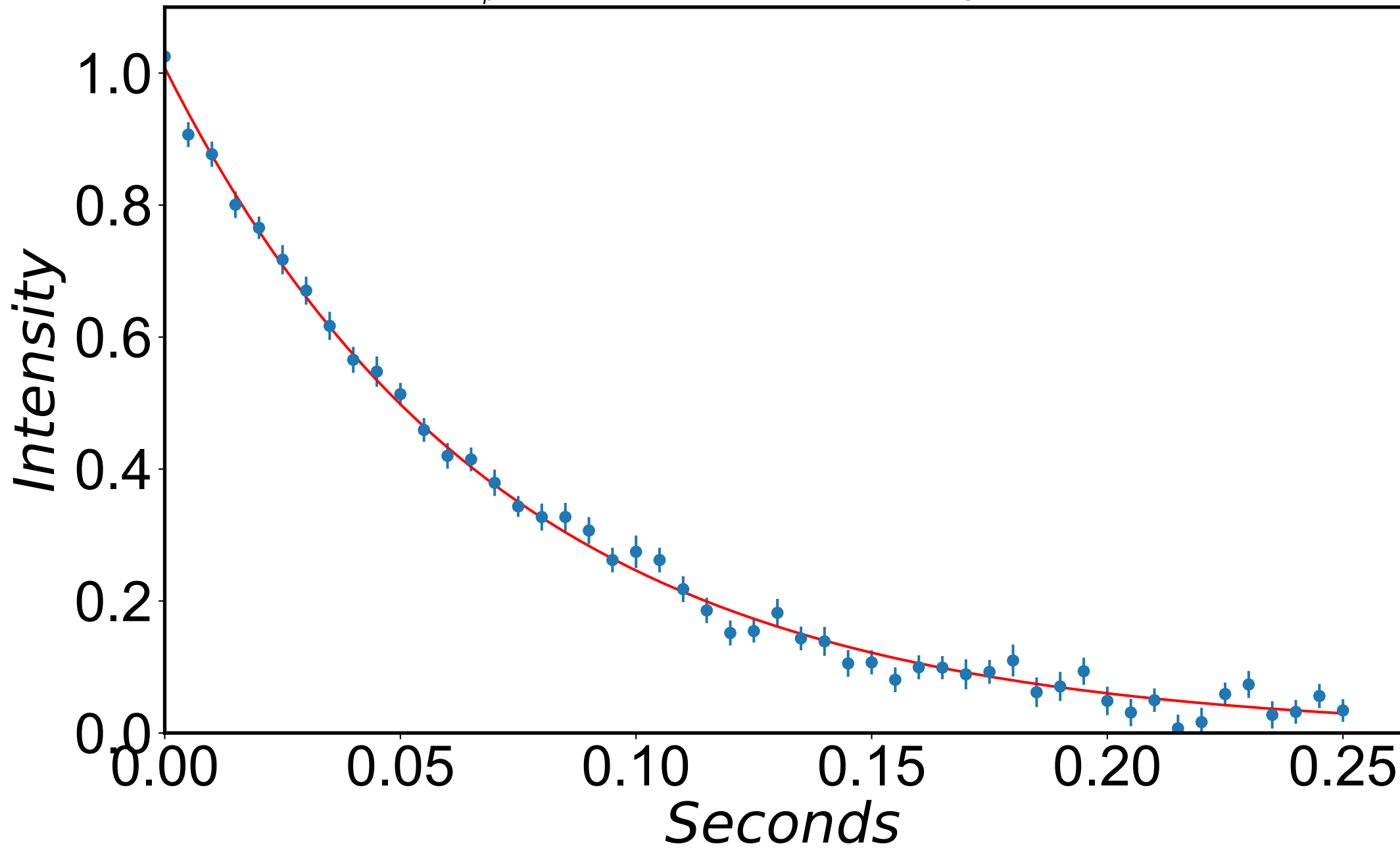
$$R_{1\rho} = 14.4 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 437 \text{ Hz}$$



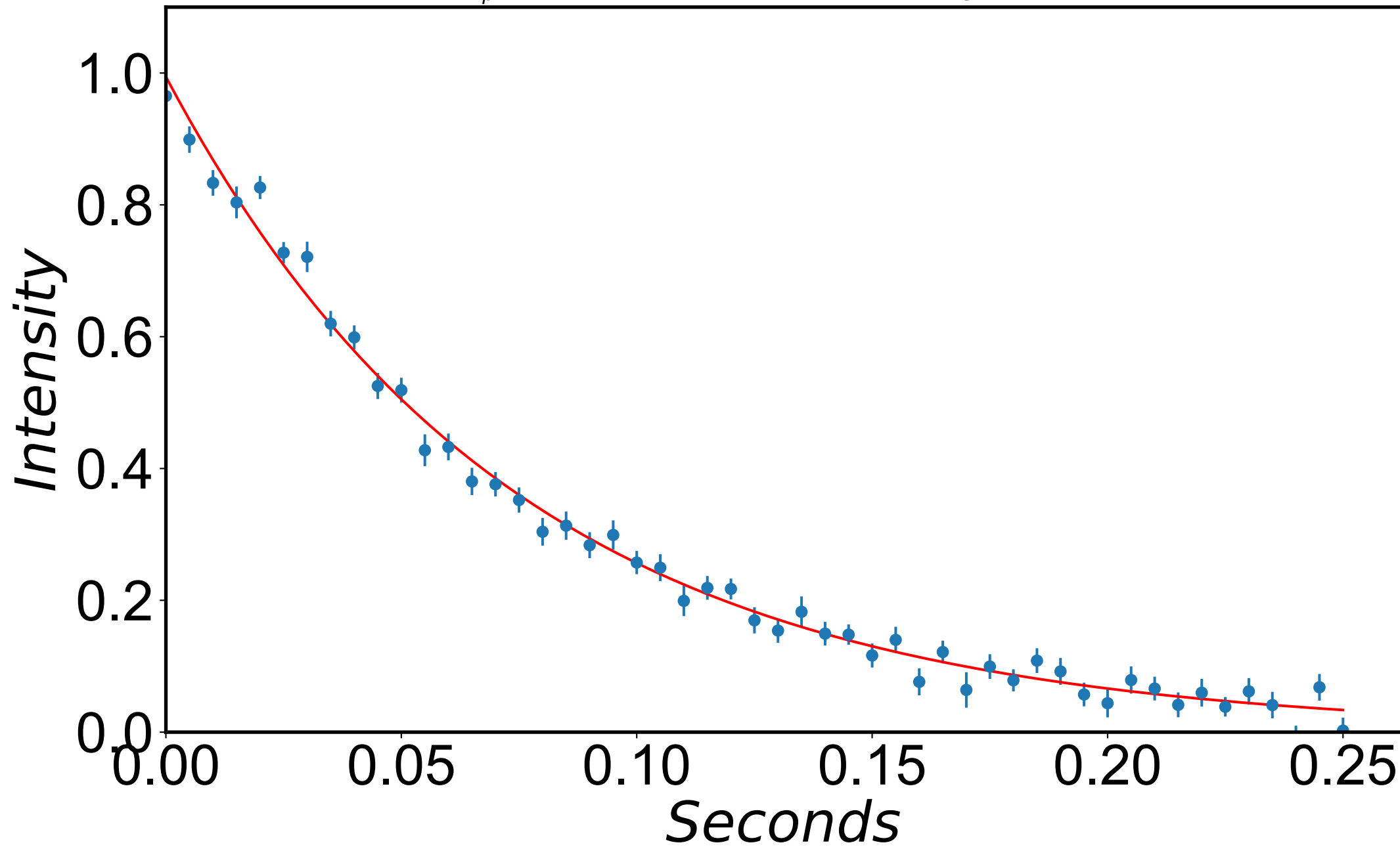
$$R_{1\rho} = 14.3 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 447 \text{ Hz}$$



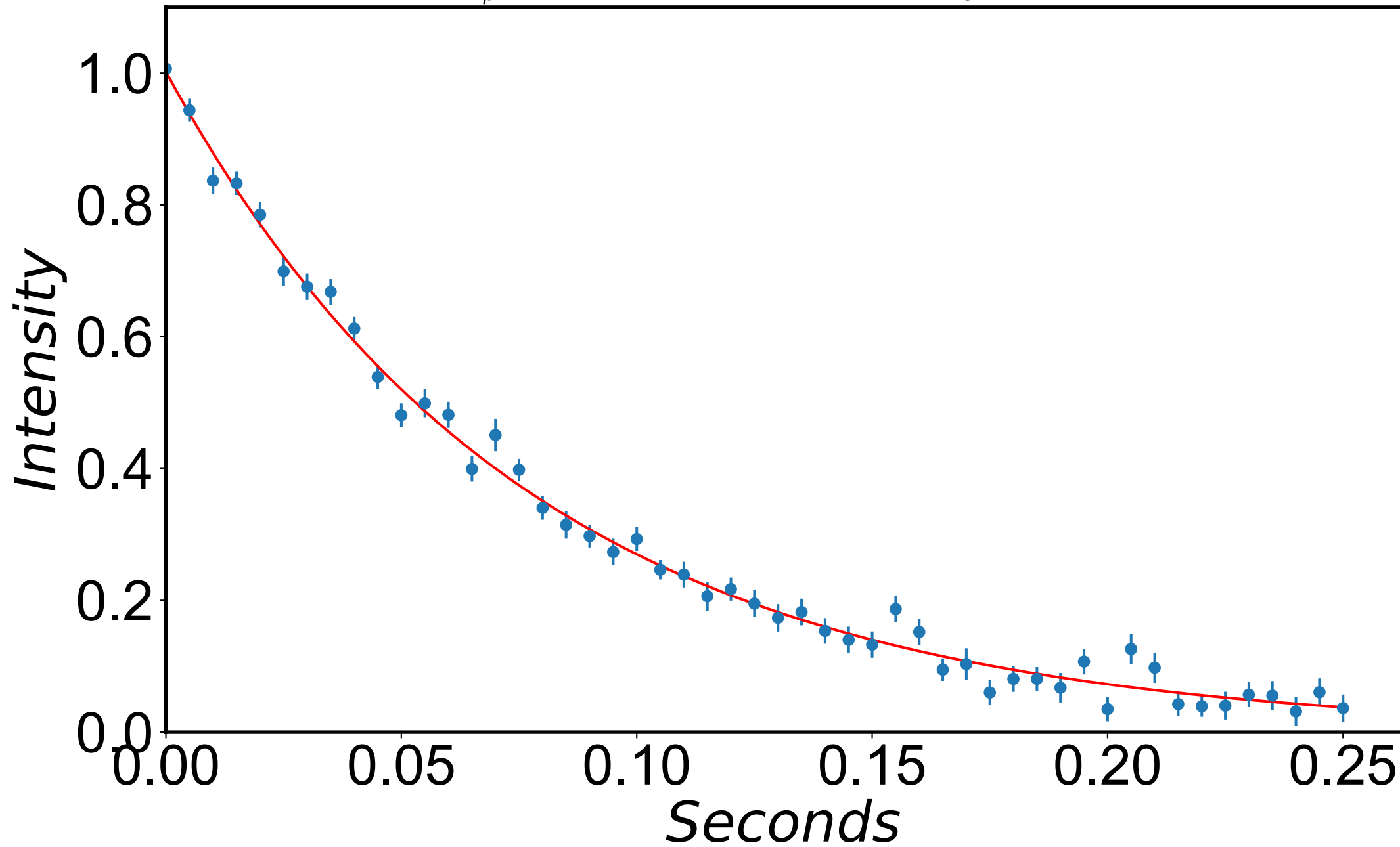
$$R_{1\rho} = 14.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 457 \text{ Hz}$$



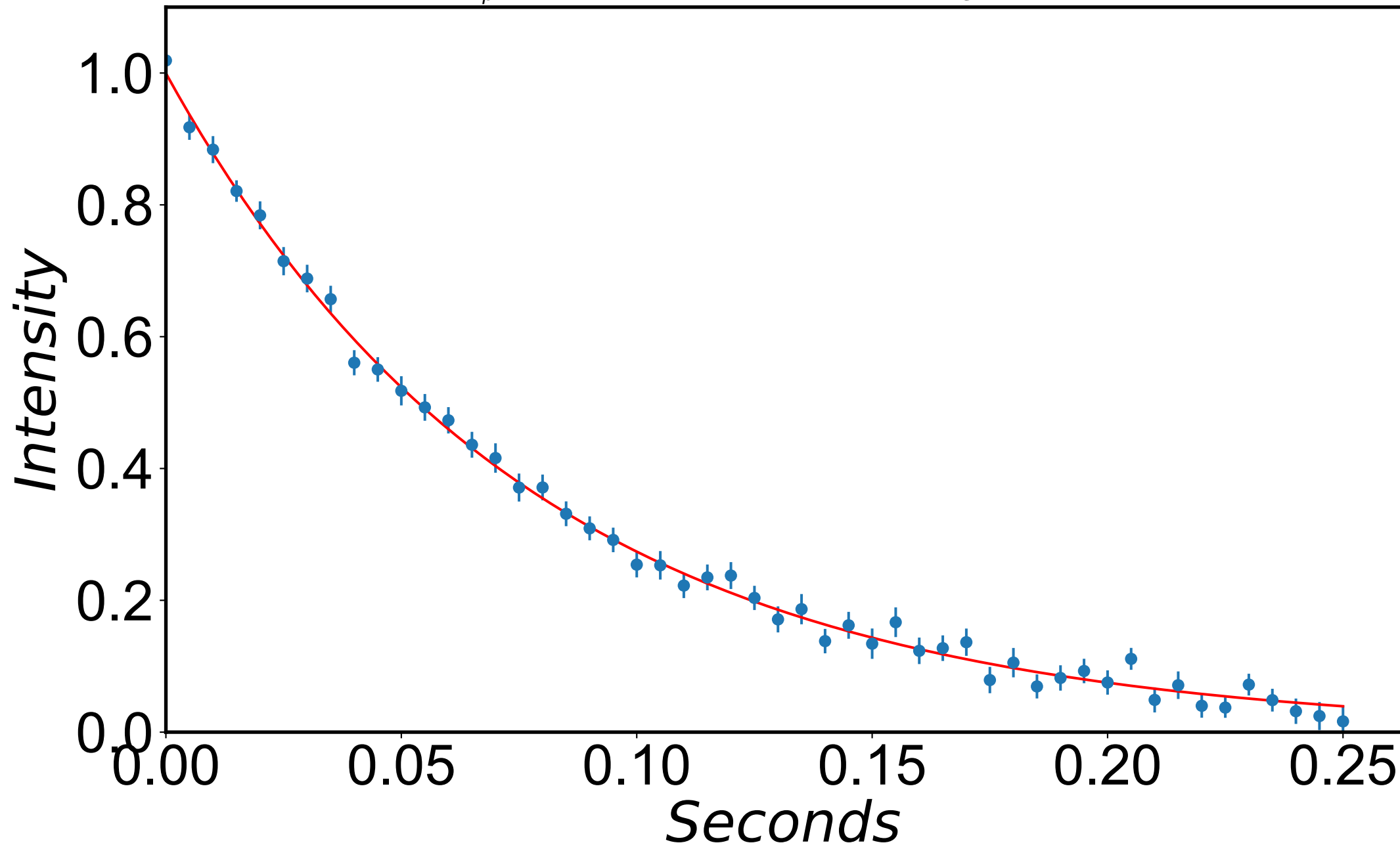
$$R_{1\rho} = 13.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 467 \text{ Hz}$$



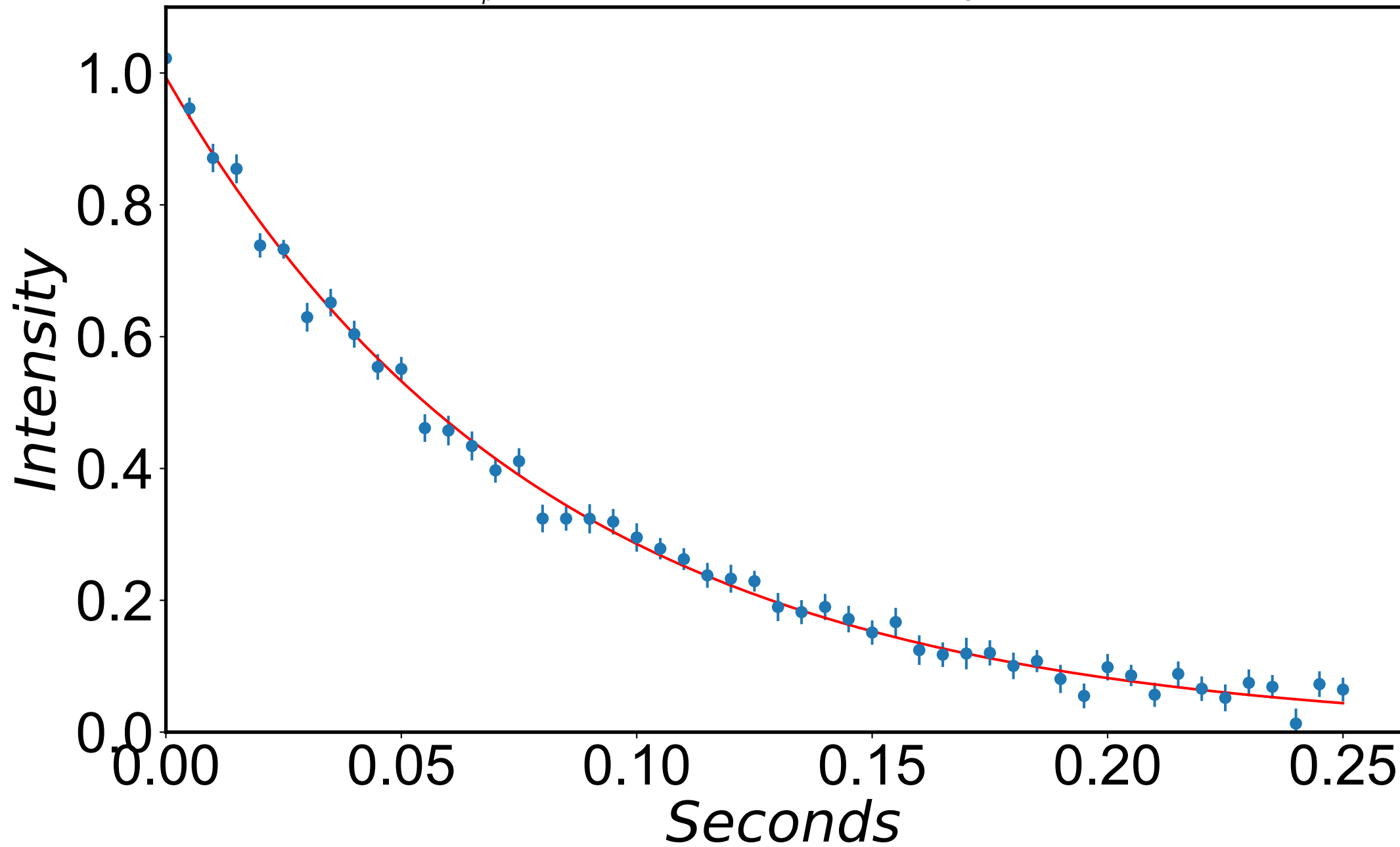
$$R_{1\rho} = 13.1 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 477 \text{ Hz}$$



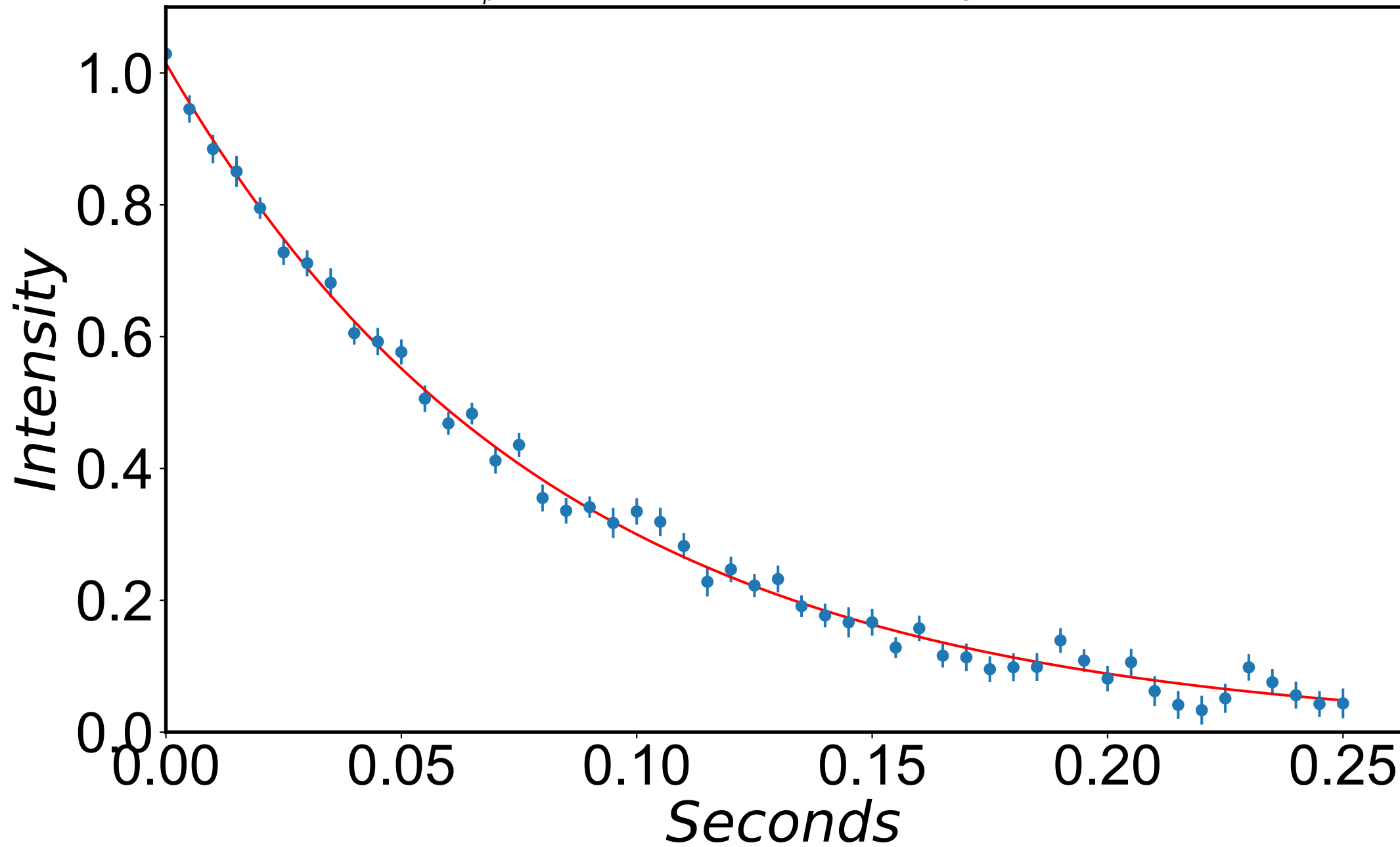
$$R_{1\rho} = 12.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 487 \text{ Hz}$$



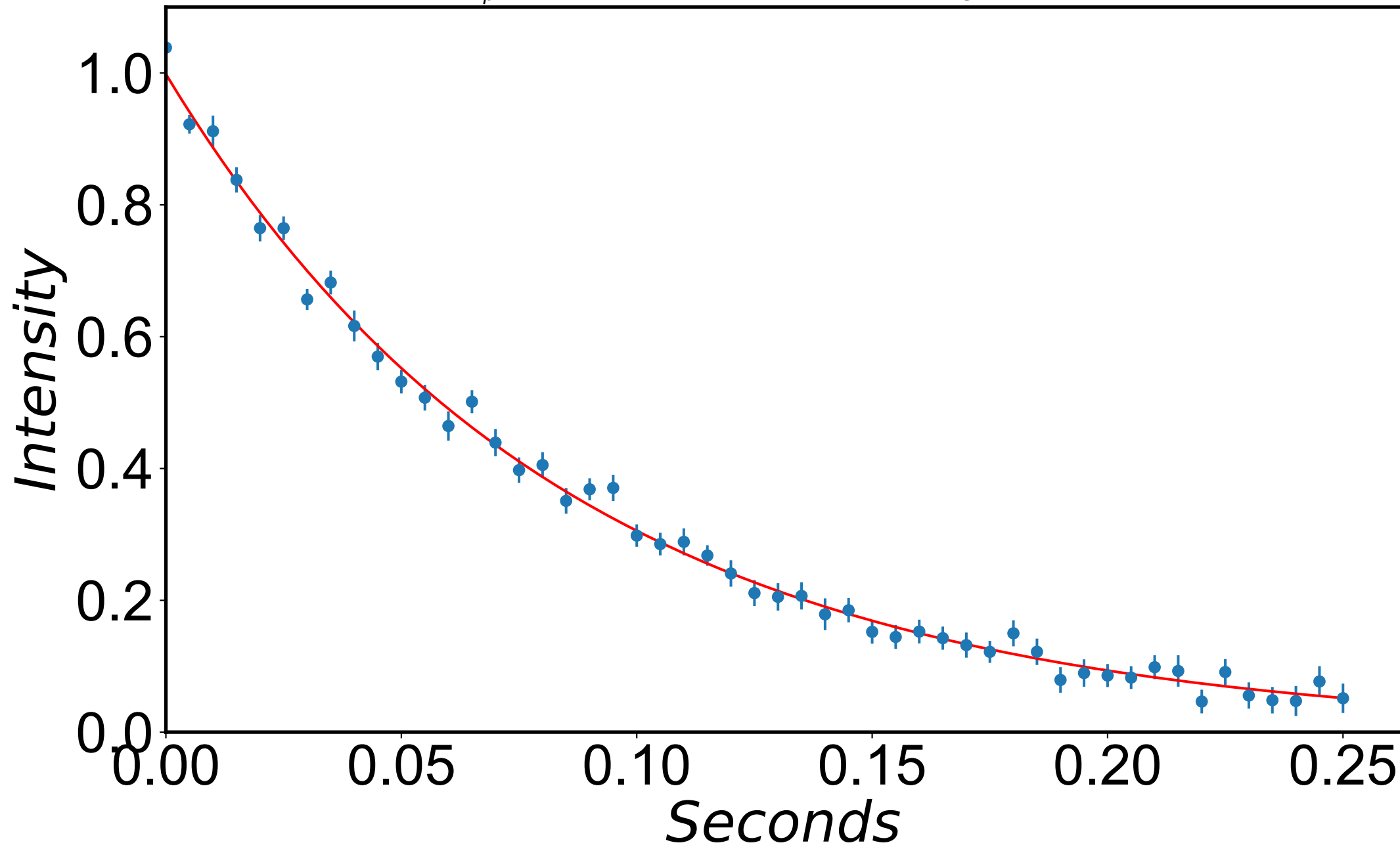
$$R_{1\rho} = 12.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 497 \text{ Hz}$$



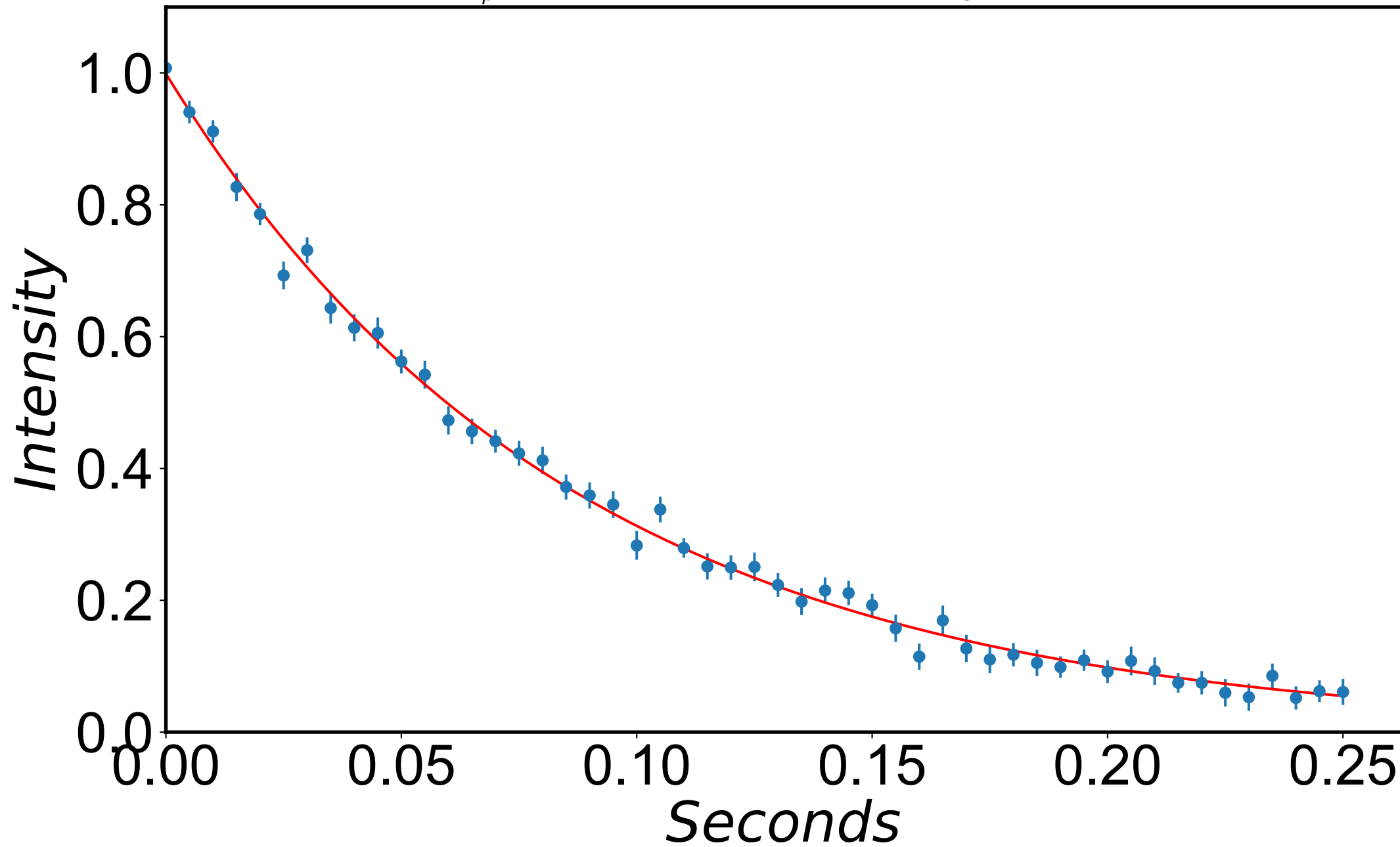
$$R_{1\rho} = 12.2 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 508 \text{ Hz}$$



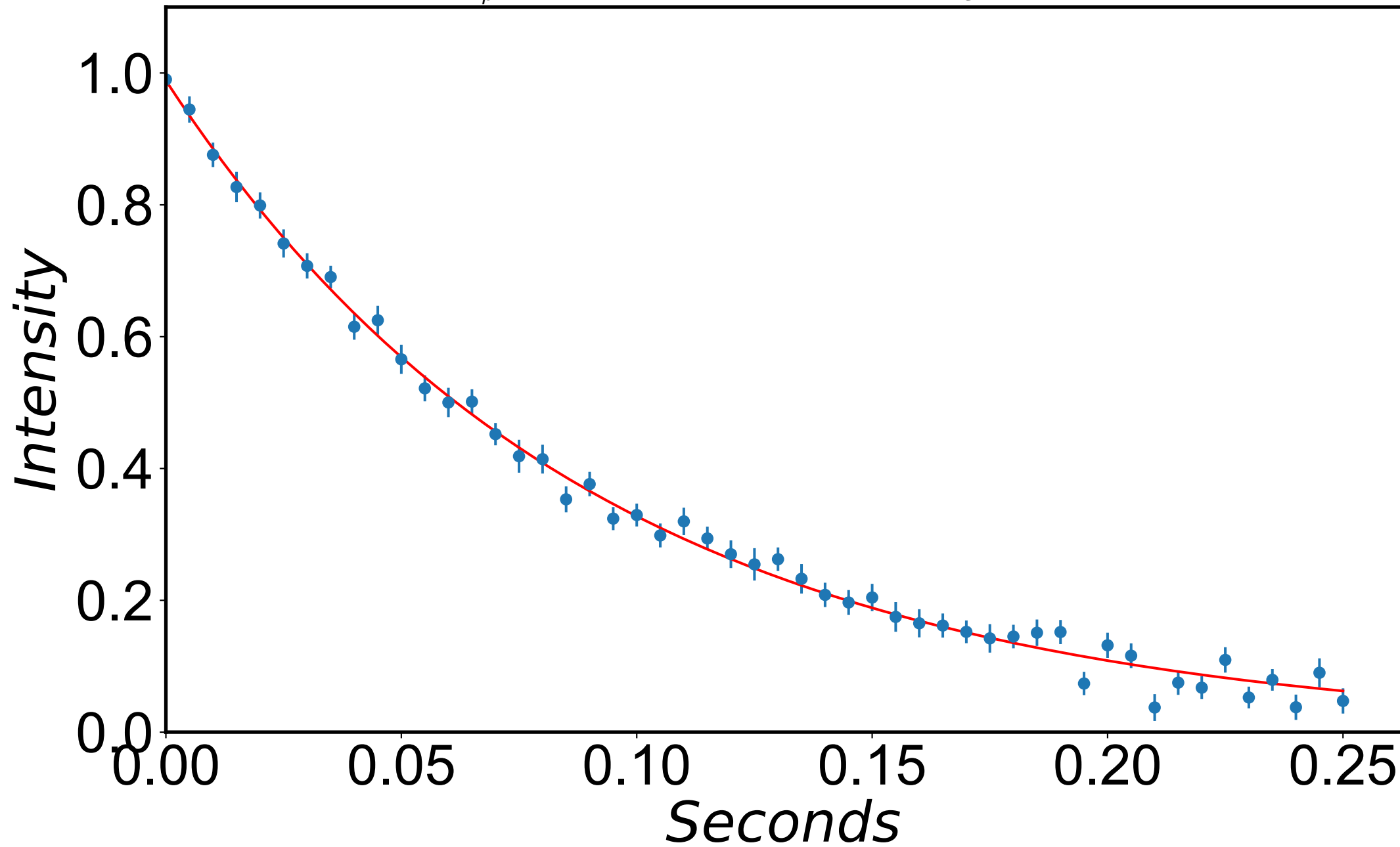
$$R_{1\rho} = 11.8 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 518 \text{ Hz}$$



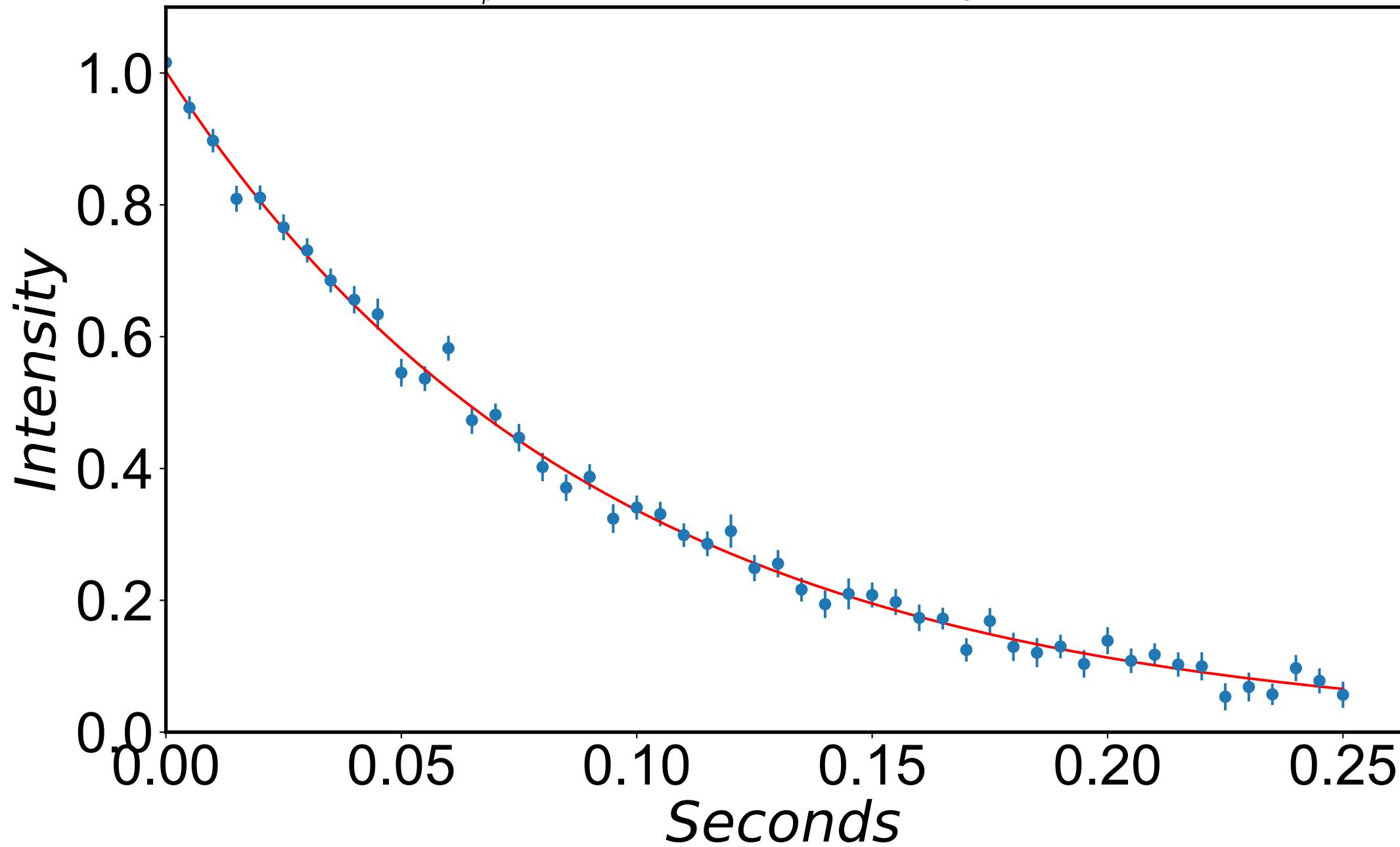
$$R_{1\rho} = 11.6 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 528 \text{ Hz}$$



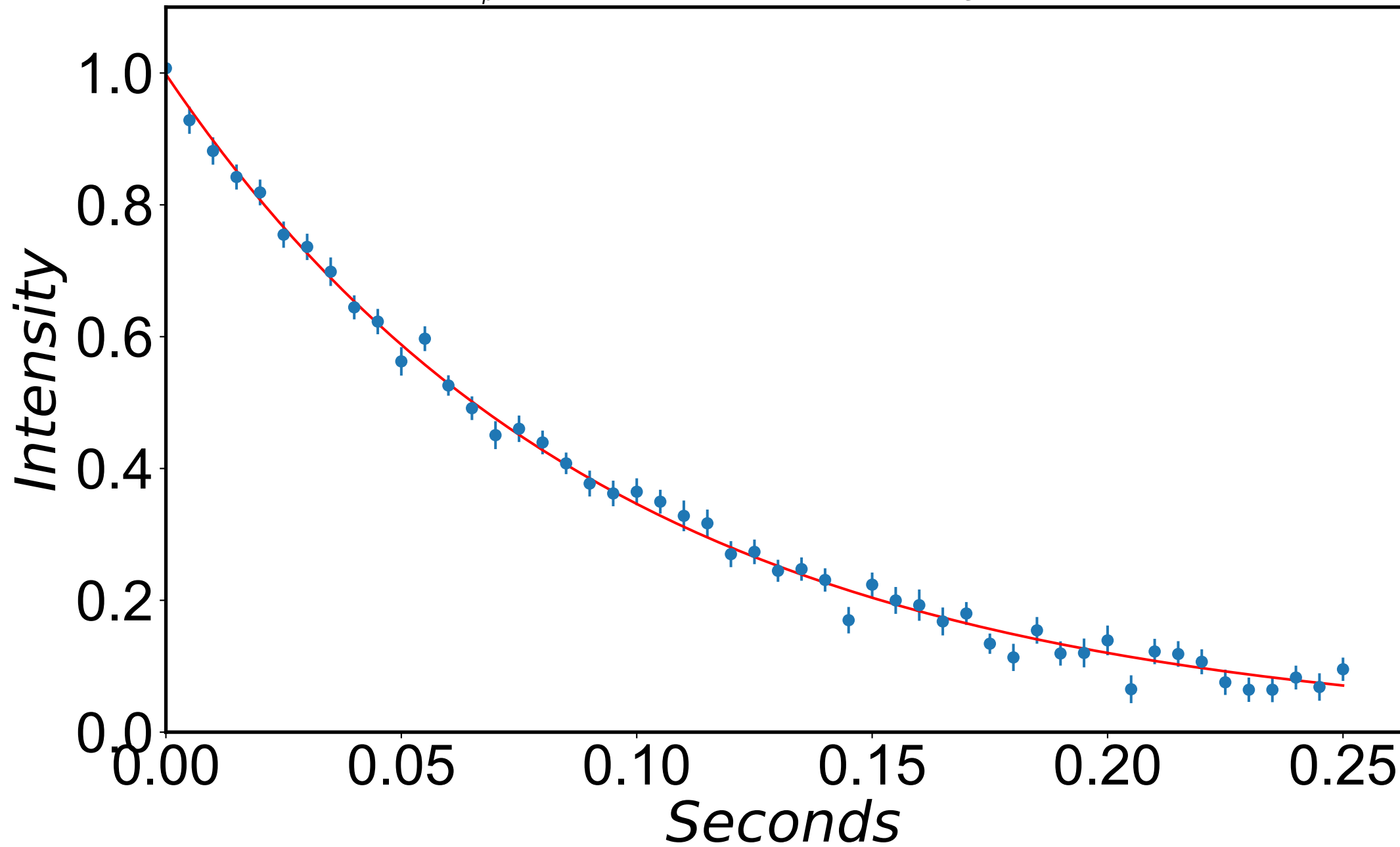
$$R_{1\rho} = 11.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 538 \text{ Hz}$$



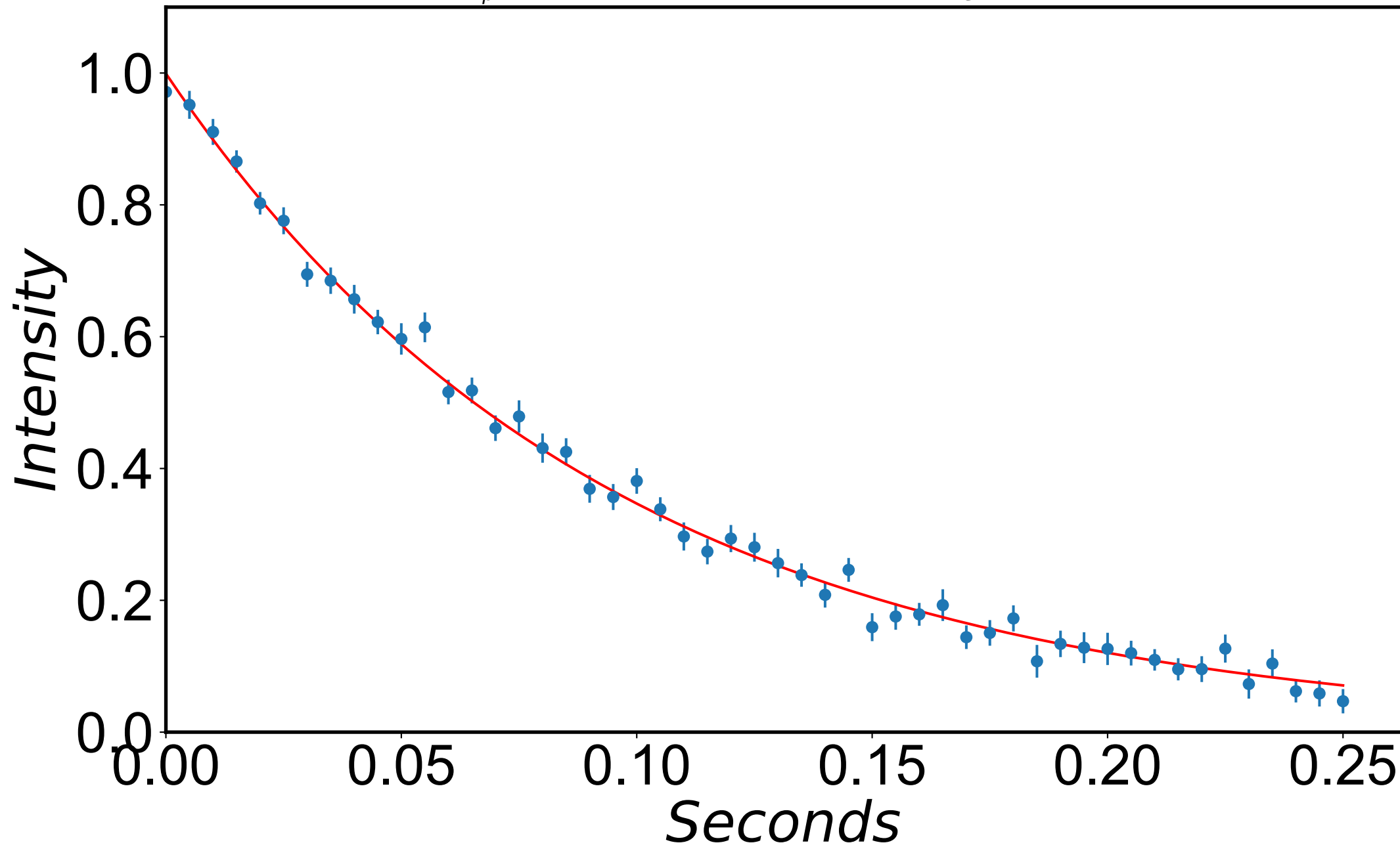
$$R_{1\rho} = 10.9 \pm 0.2 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 548 \text{ Hz}$$



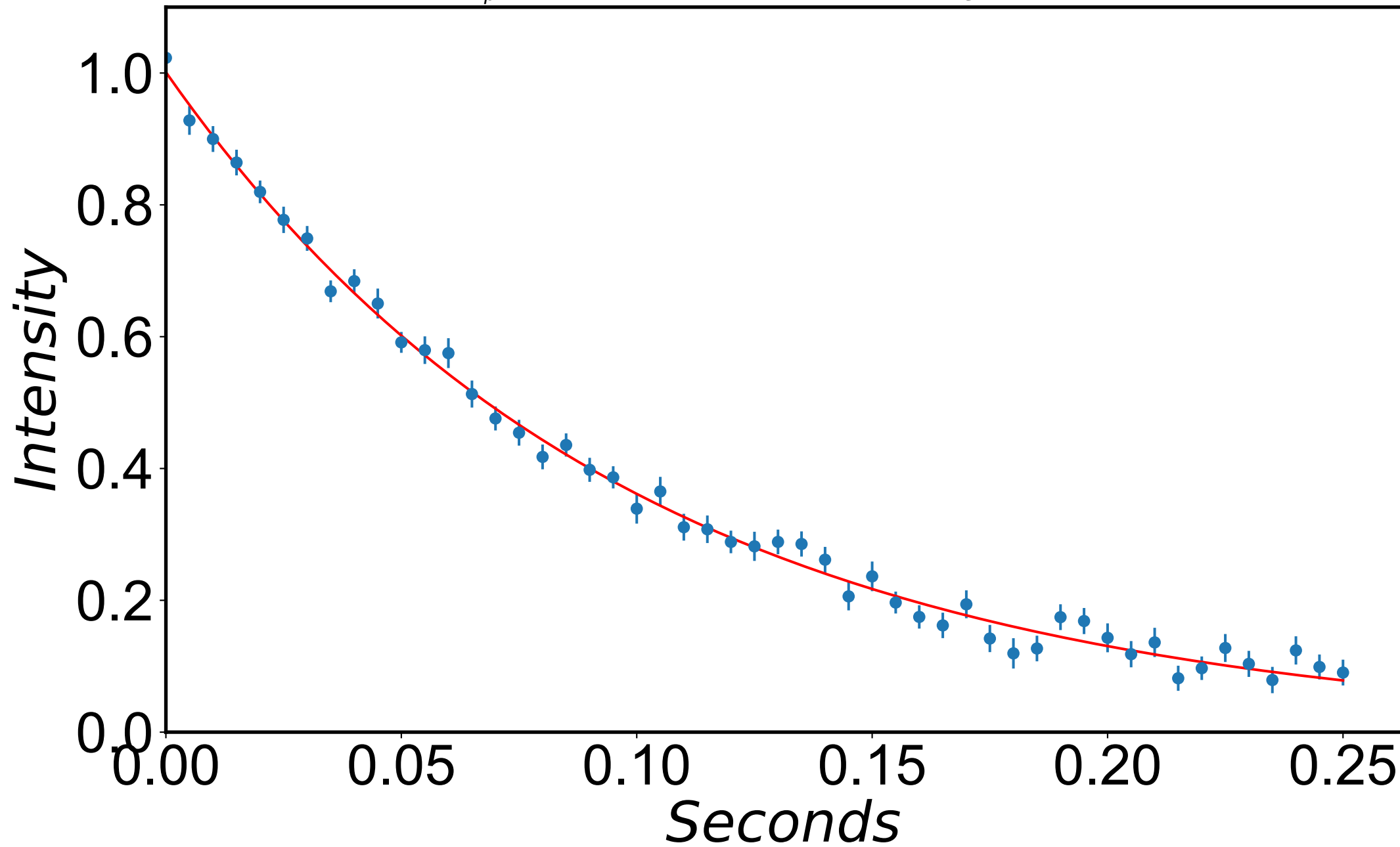
$$R_{1\rho} = 10.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 558 \text{ Hz}$$



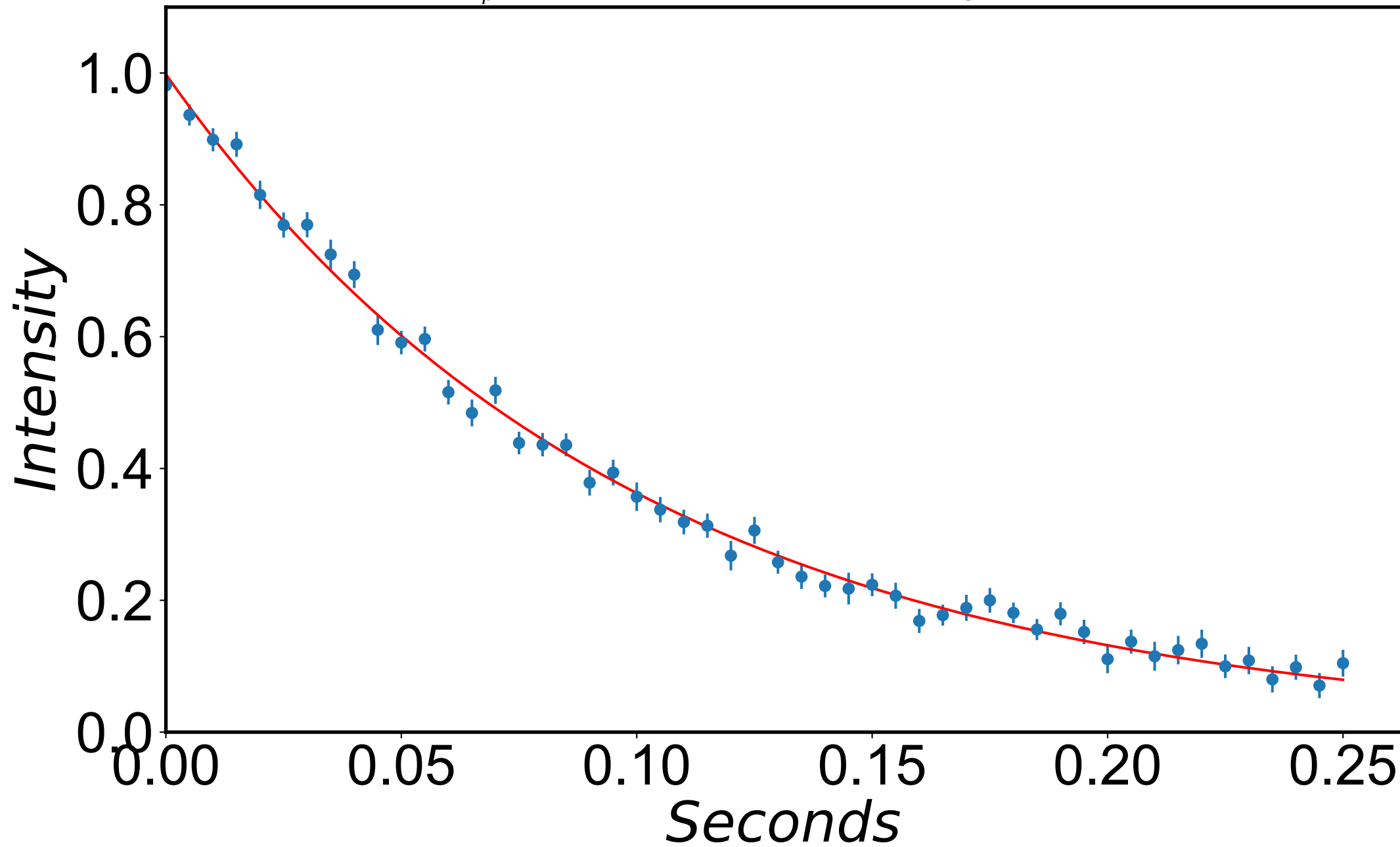
$$R_{1\rho} = 10.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 568 \text{ Hz}$$



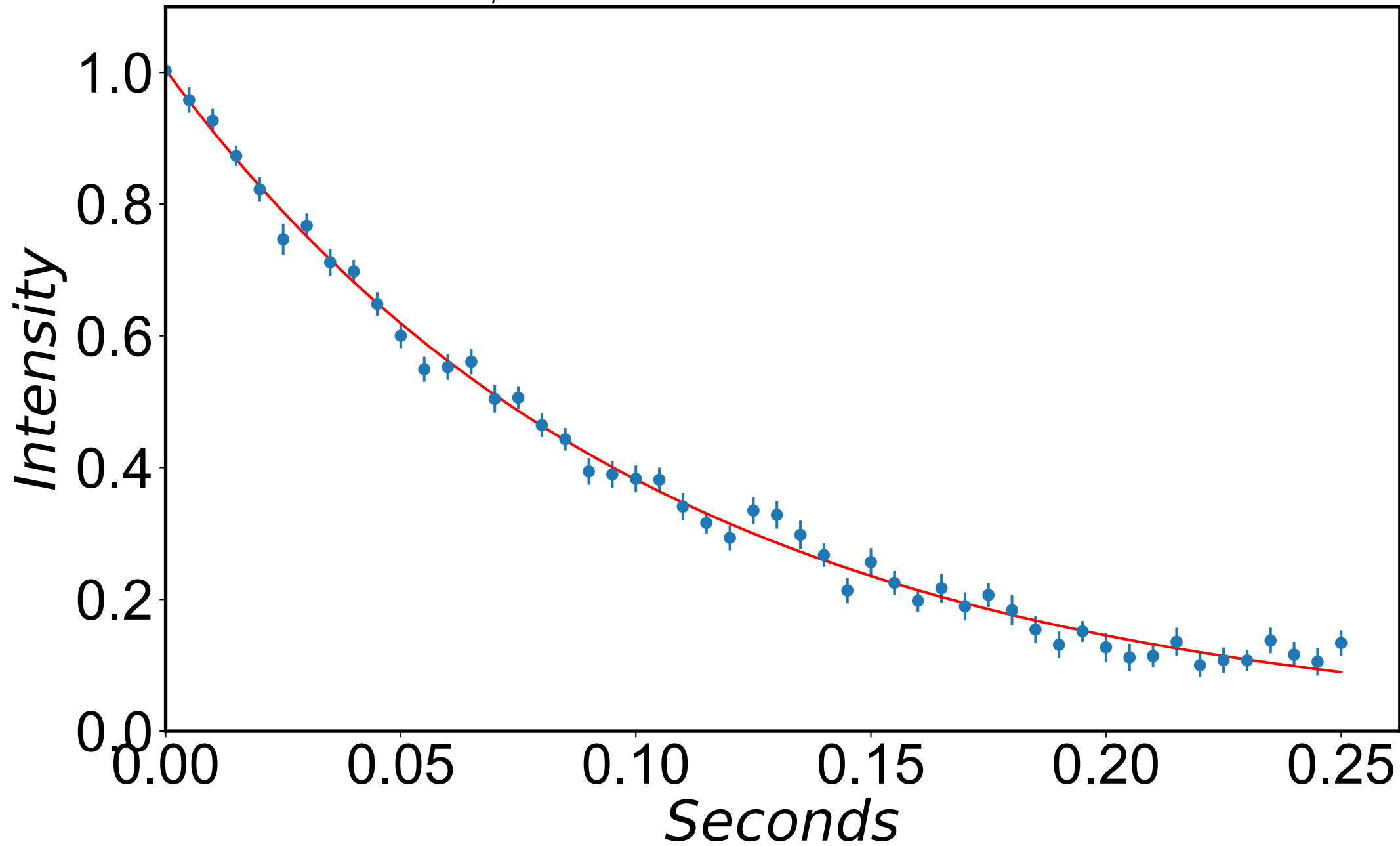
$$R_{1\rho} = 10.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 578 \text{ Hz}$$



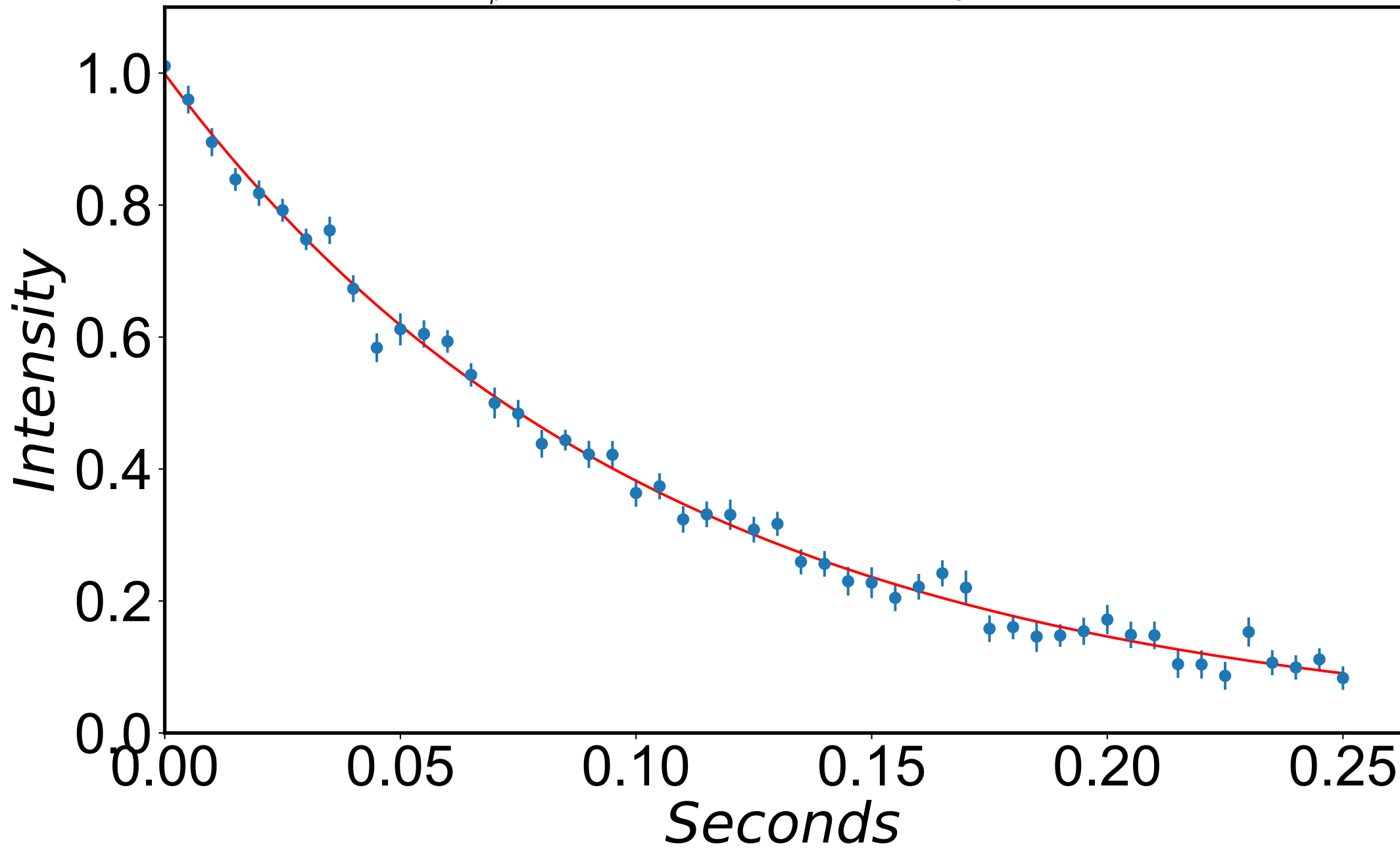
$$R_{1\rho} = 10.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 588 \text{ Hz}$$



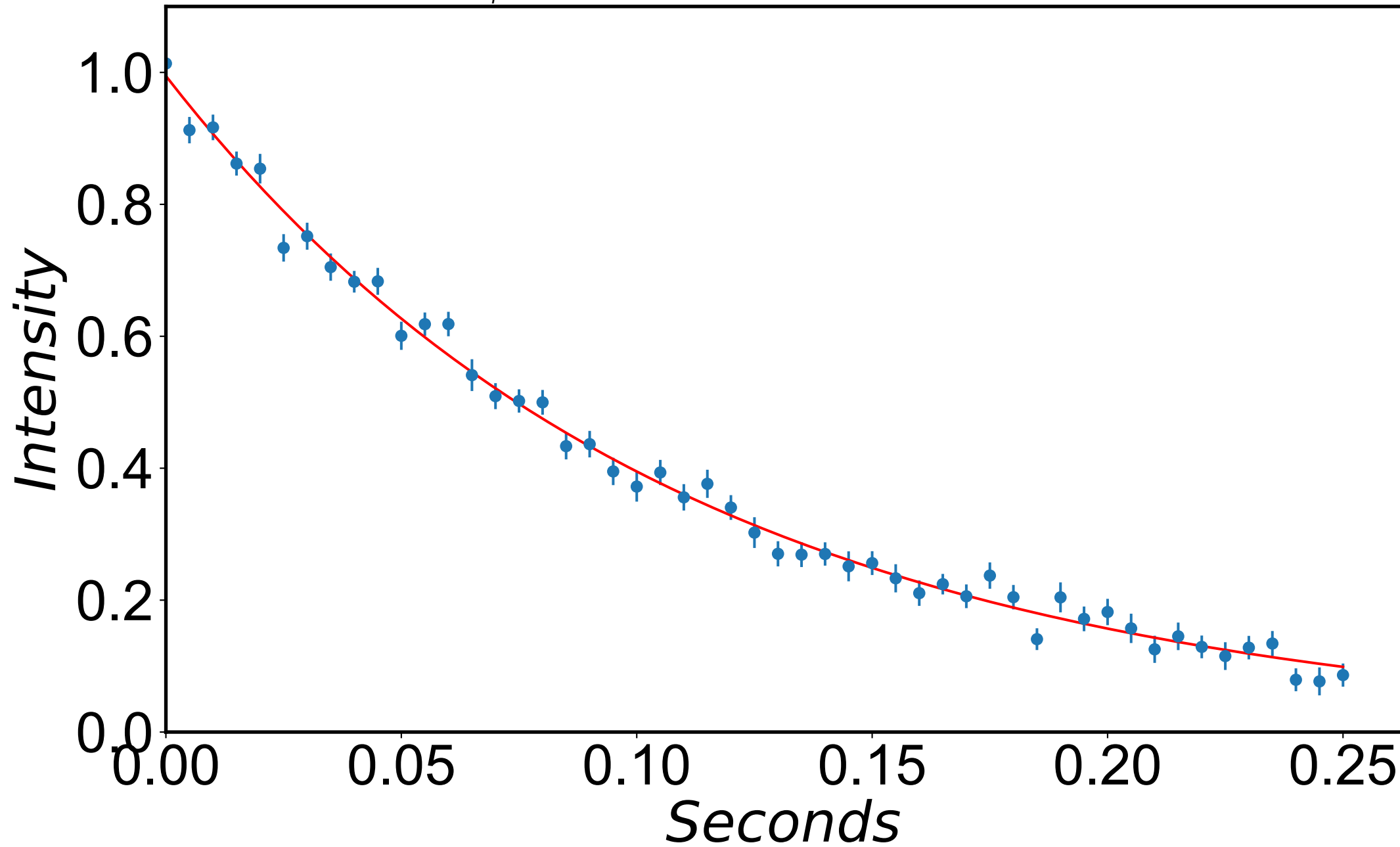
$$R_{1\rho} = 9.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 598 \text{ Hz}$$



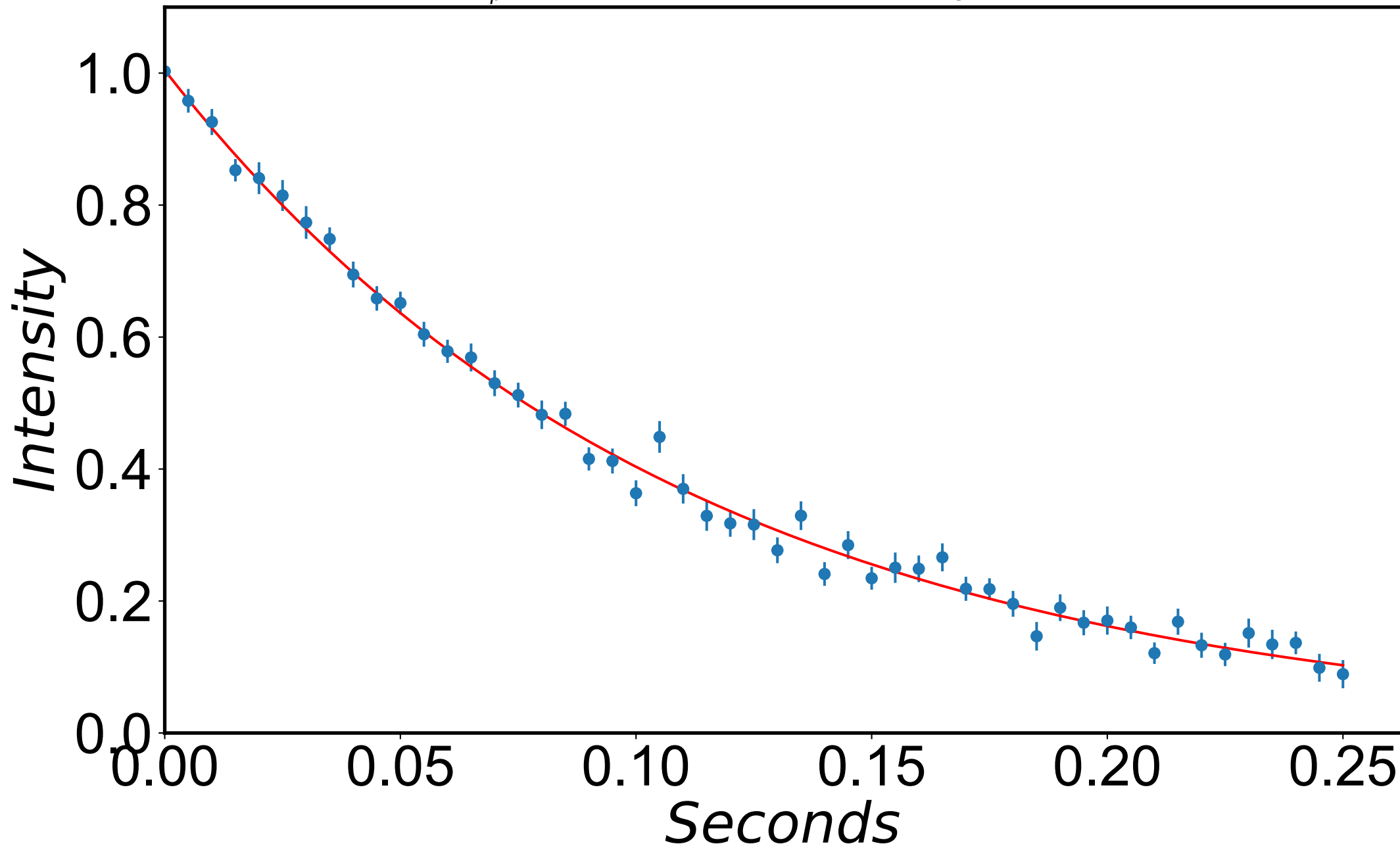
$$R_{1\rho} = 9.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 608 \text{ Hz}$$



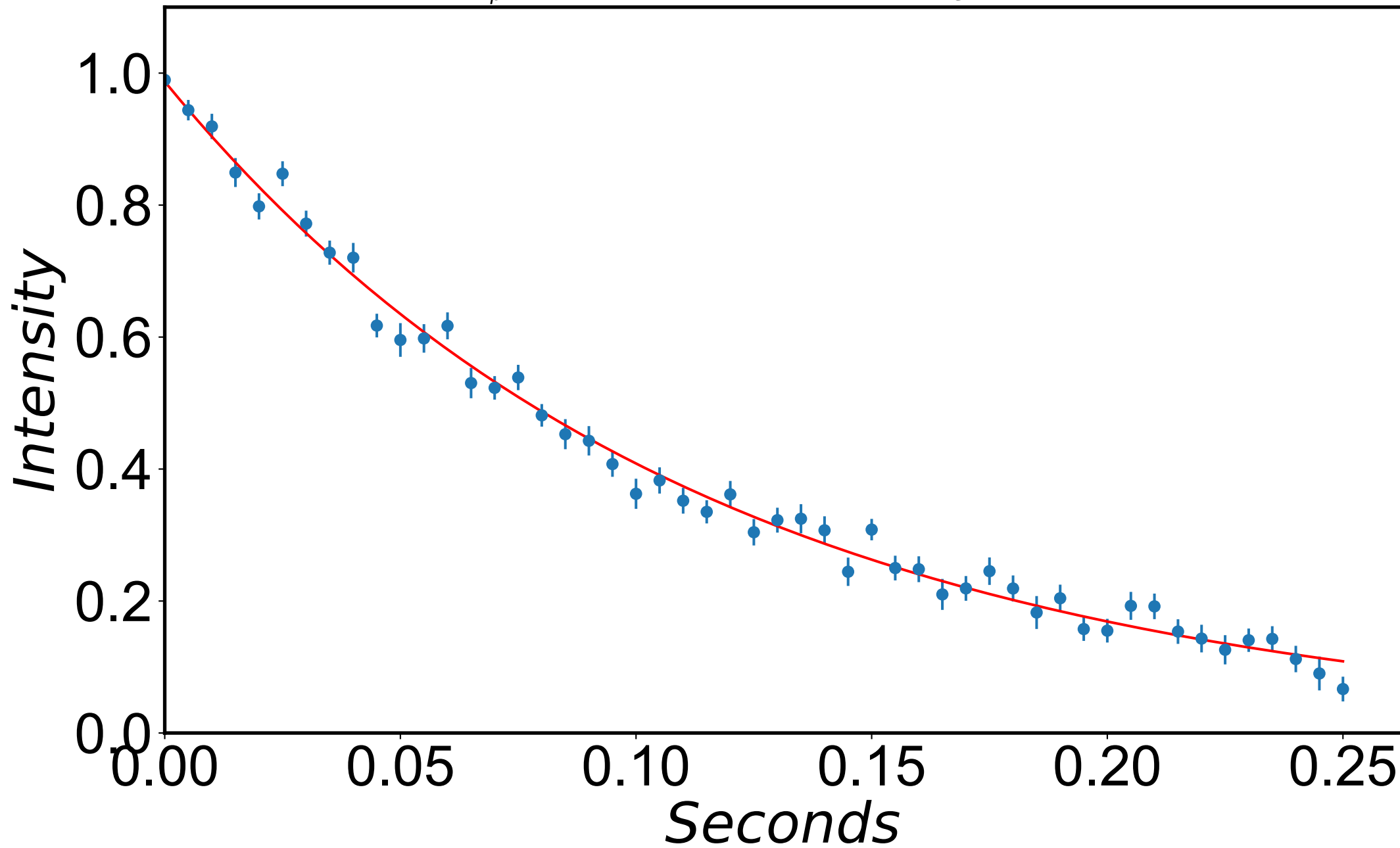
$$R_{1\rho} = 9.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 618 \text{ Hz}$$



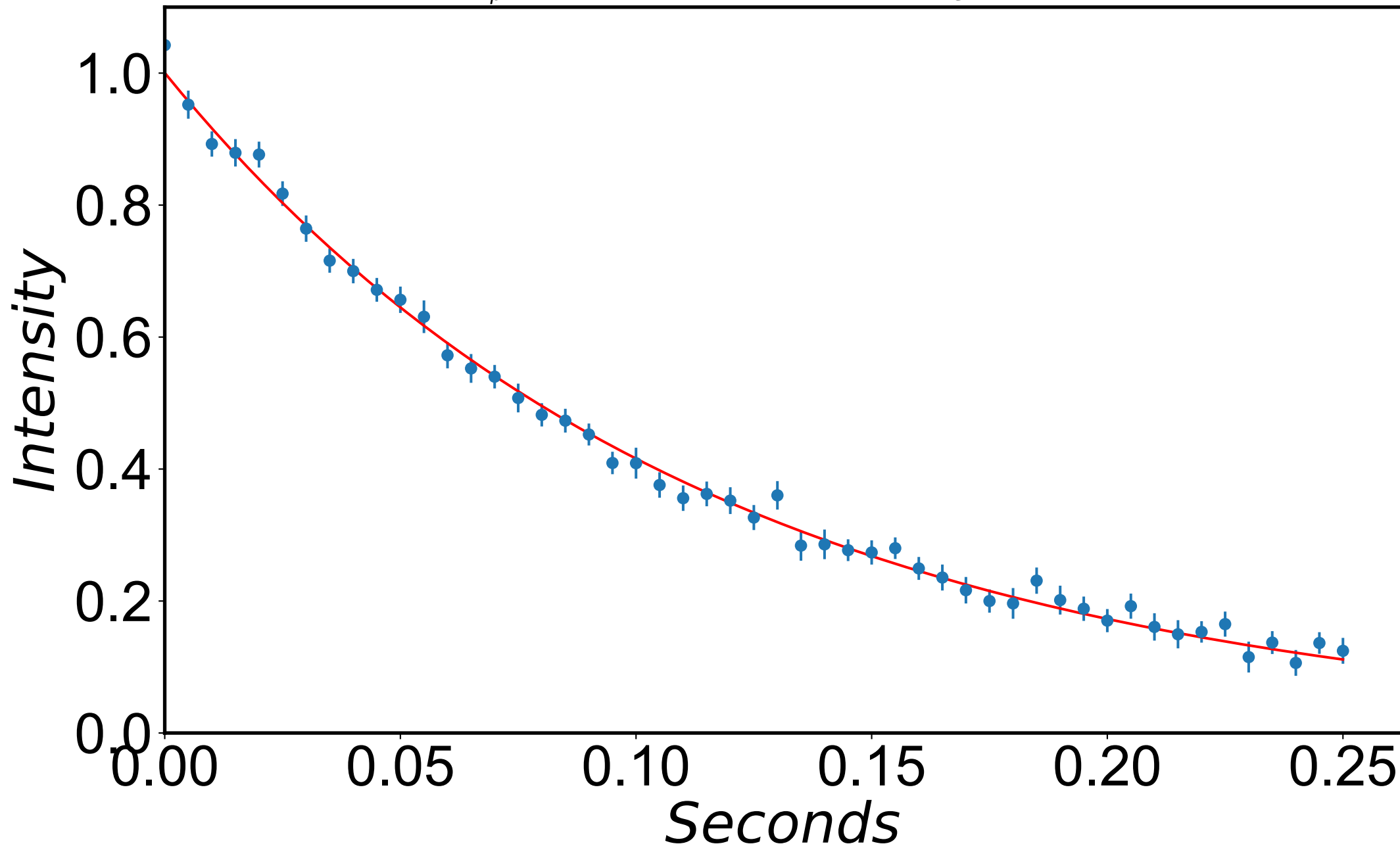
$$R_{1\rho} = 9.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 628 \text{ Hz}$$



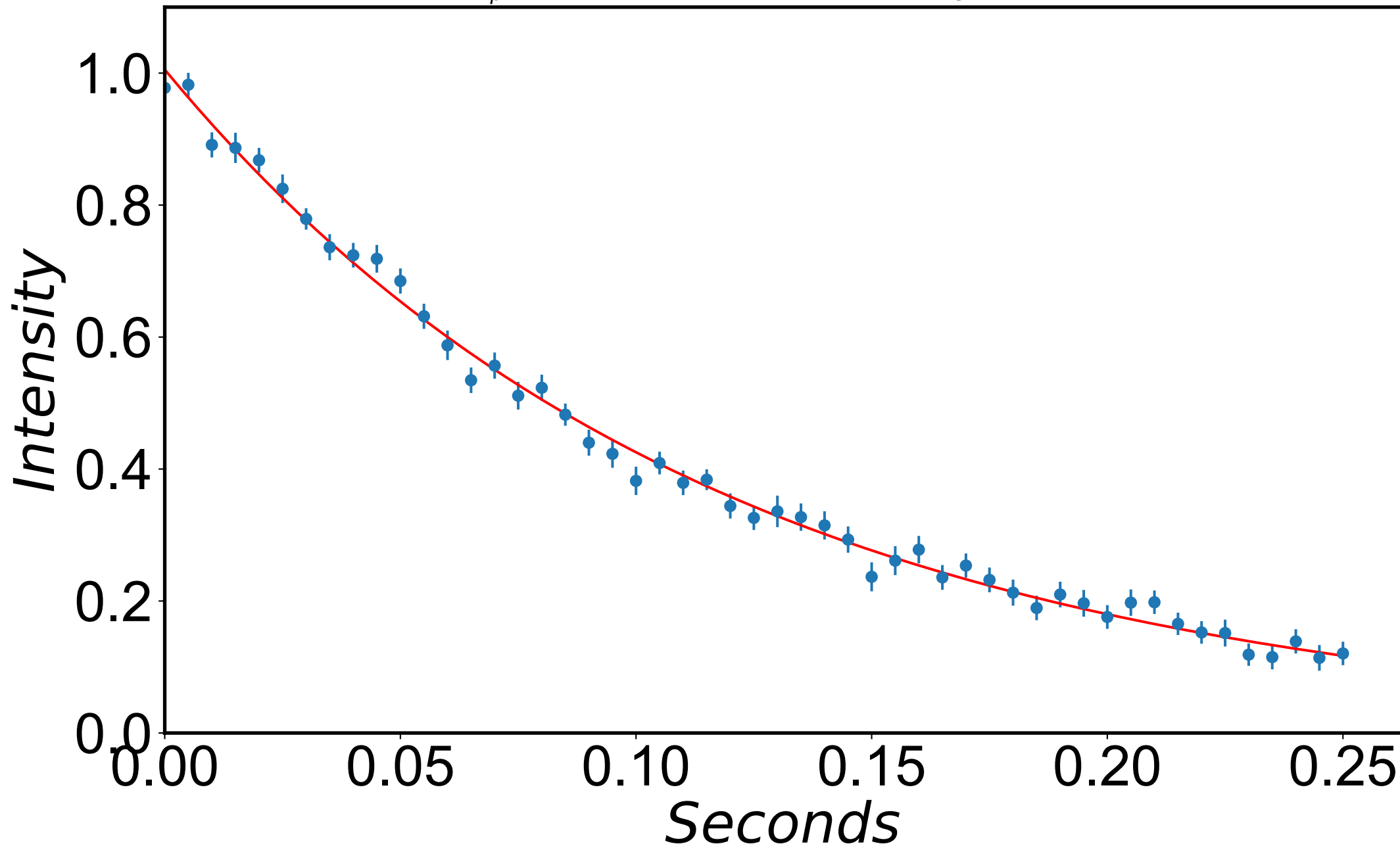
$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 638 \text{ Hz}$$



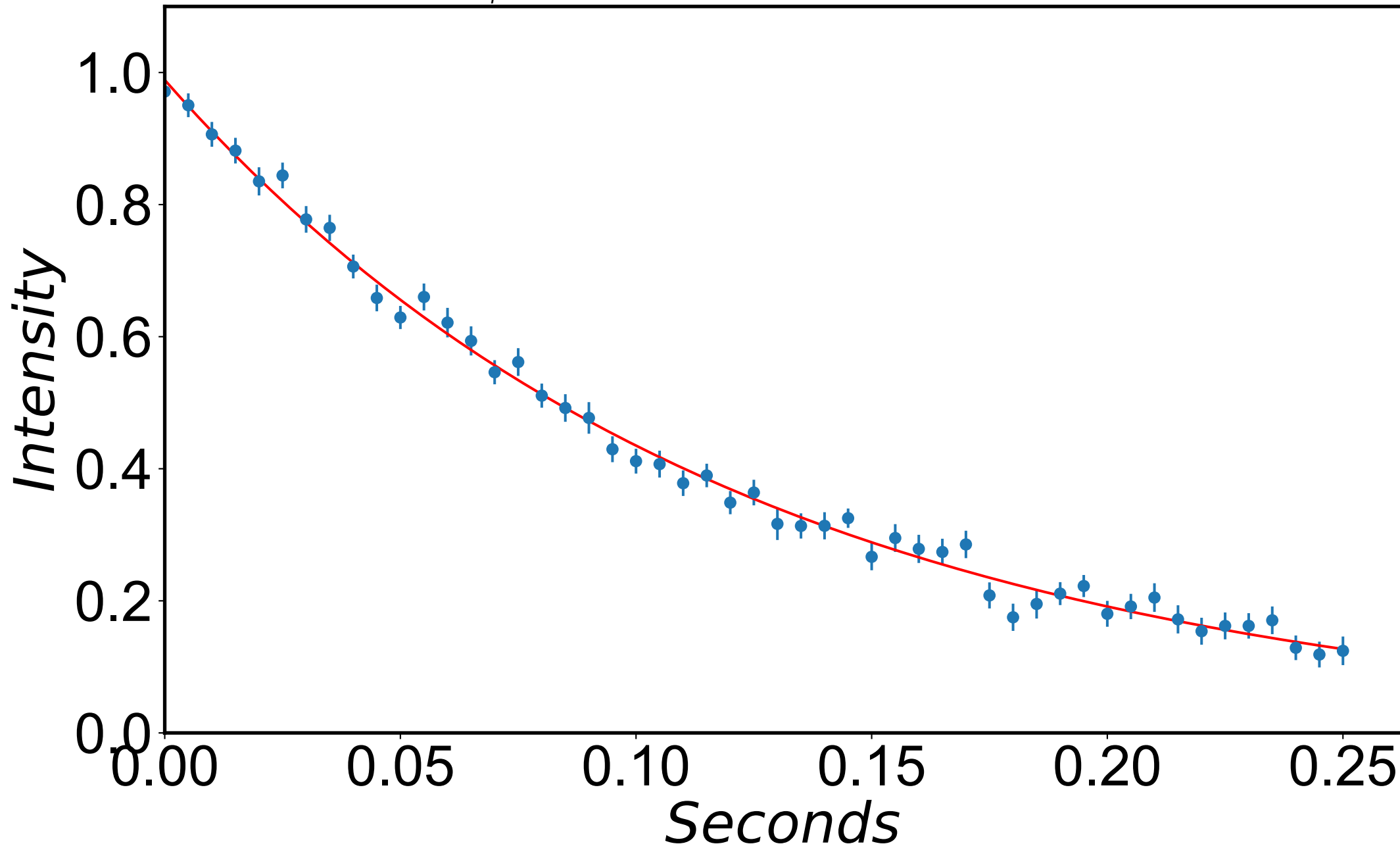
$$R_{1\rho} = 8.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 648 \text{ Hz}$$



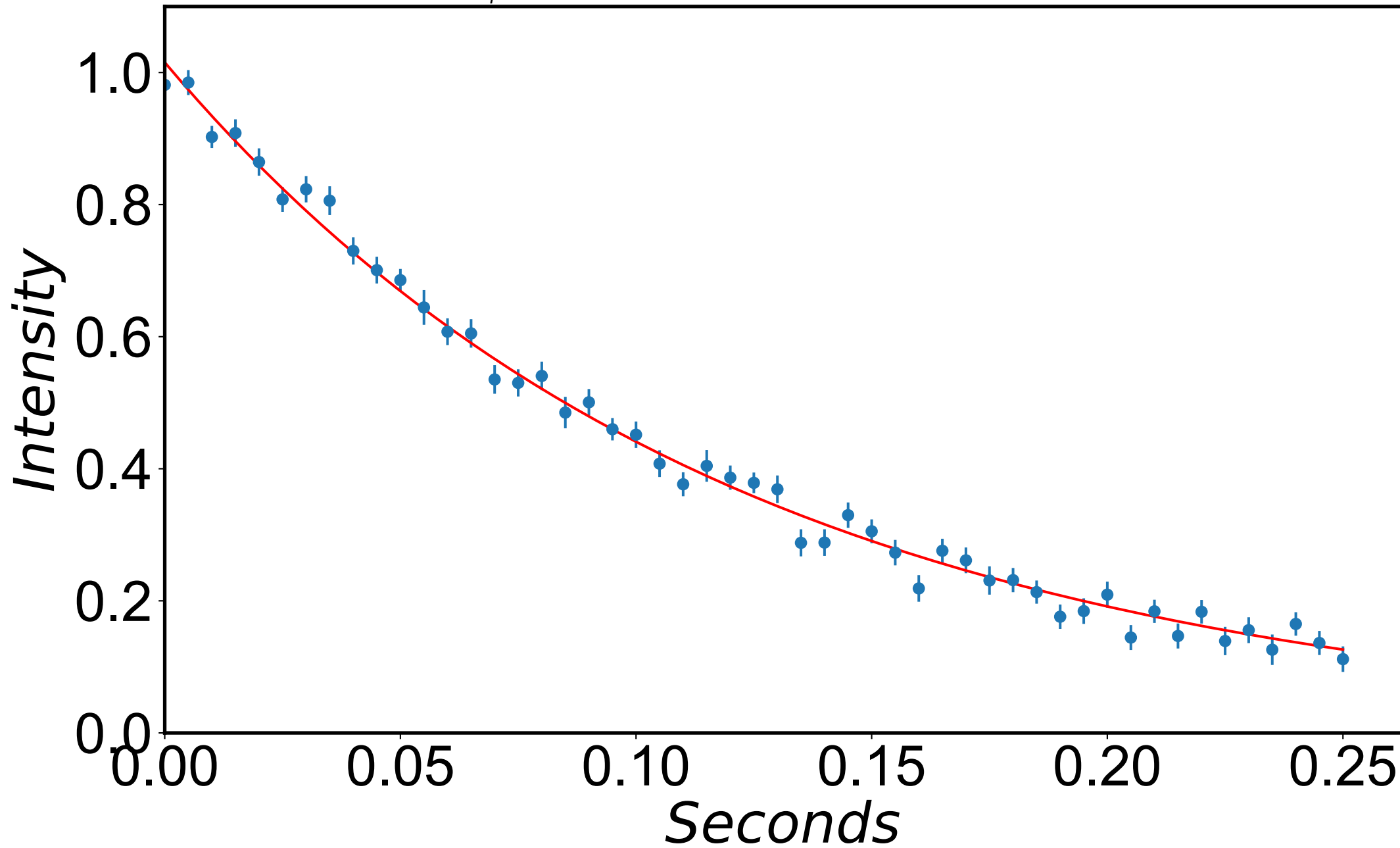
$$R_{1\rho} = 8.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 658 \text{ Hz}$$



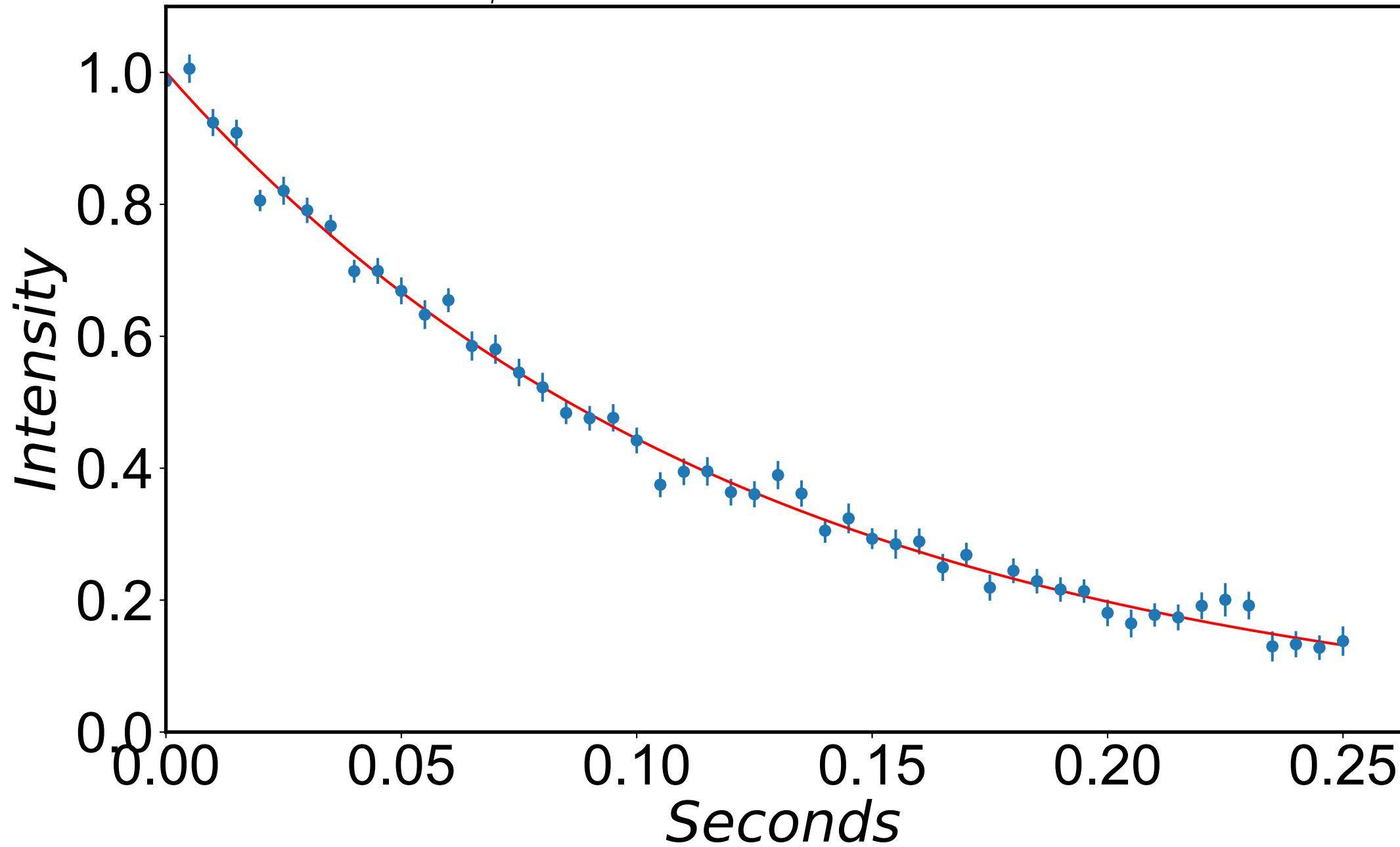
$$R_{1\rho} = 8.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 668 \text{ Hz}$$



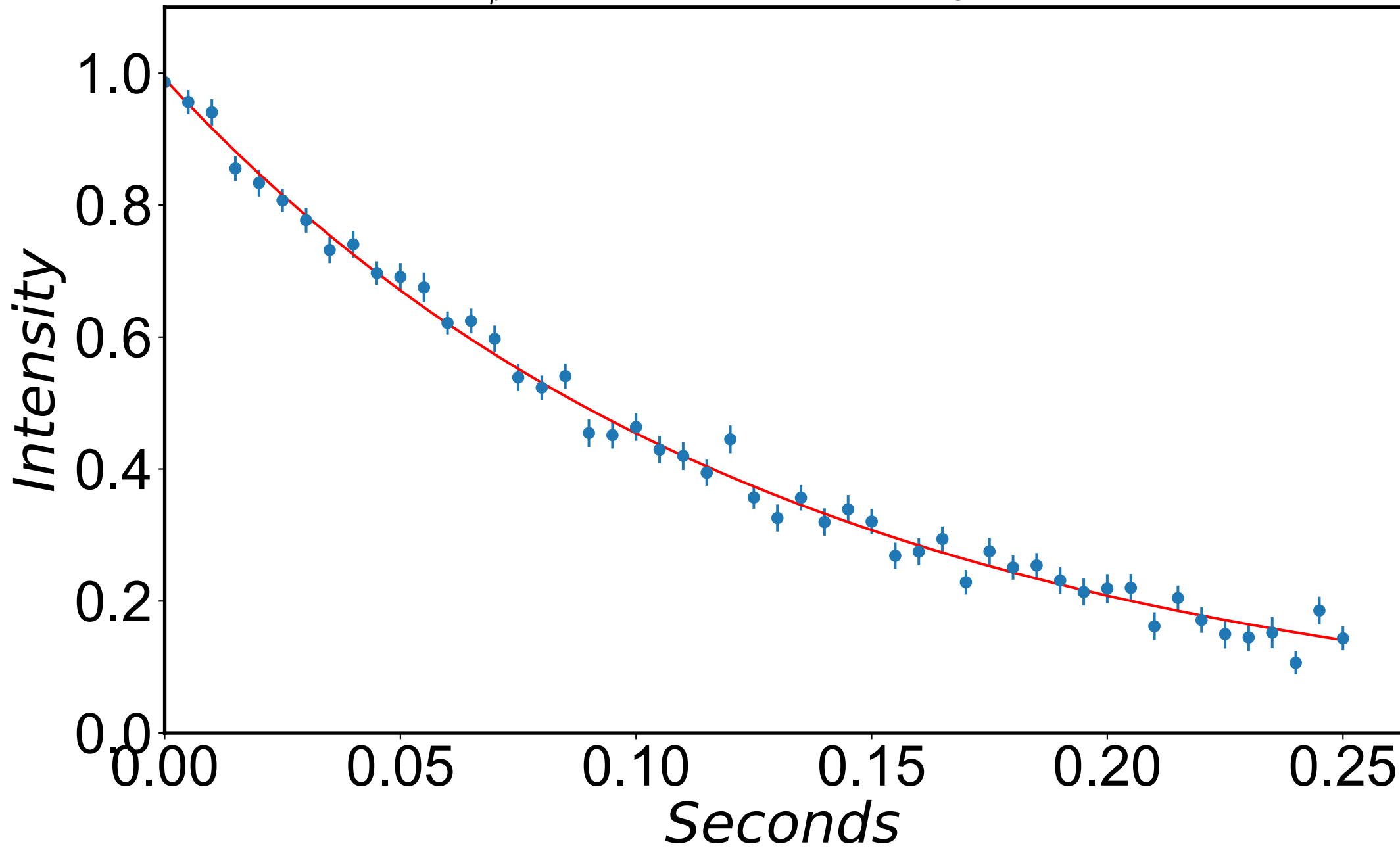
$$R_{1\rho} = 8.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 678 \text{ Hz}$$



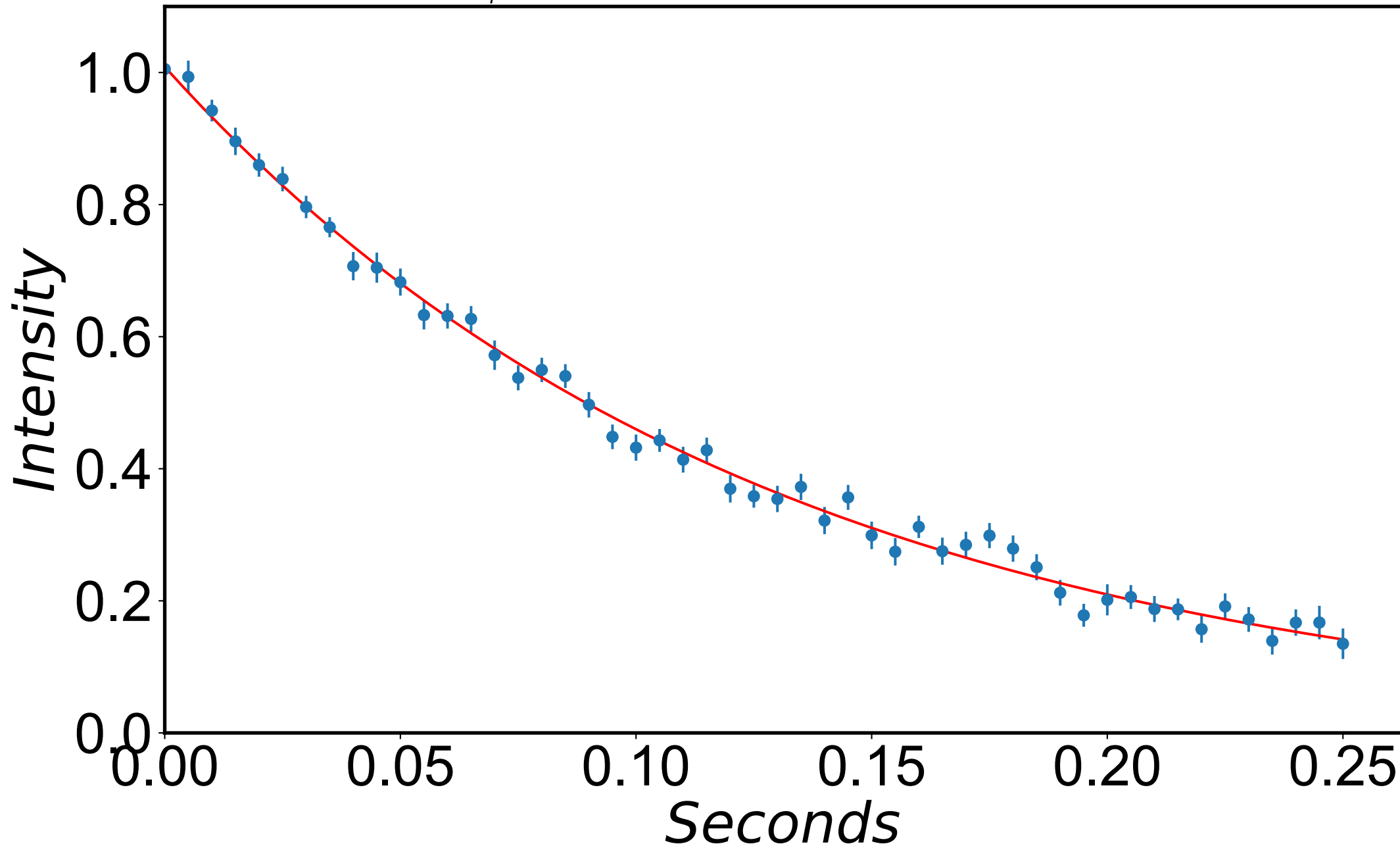
$$R_{1\rho} = 8.1 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 688 \text{ Hz}$$



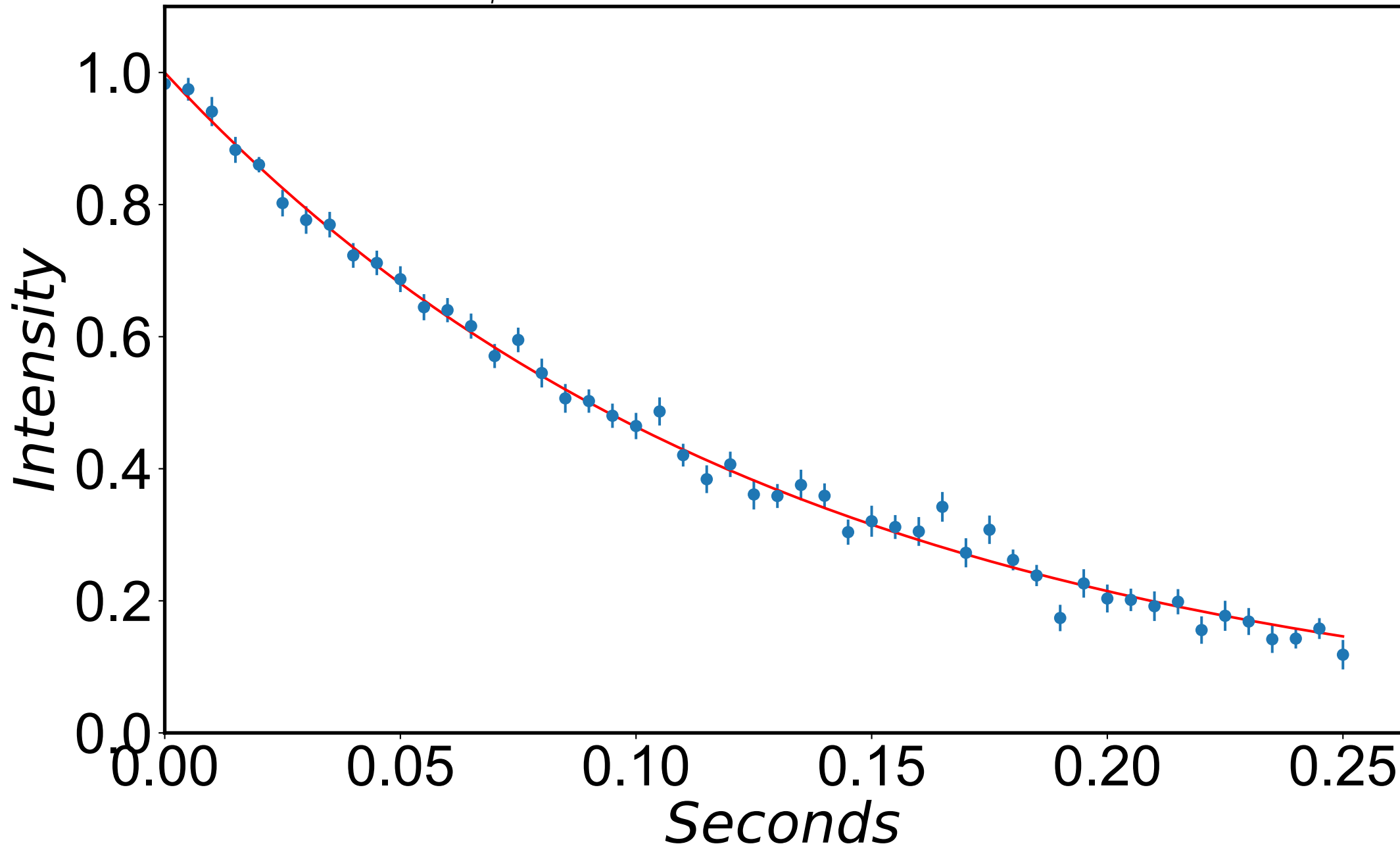
$$R_{1\rho} = 7.8 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 698 \text{ Hz}$$



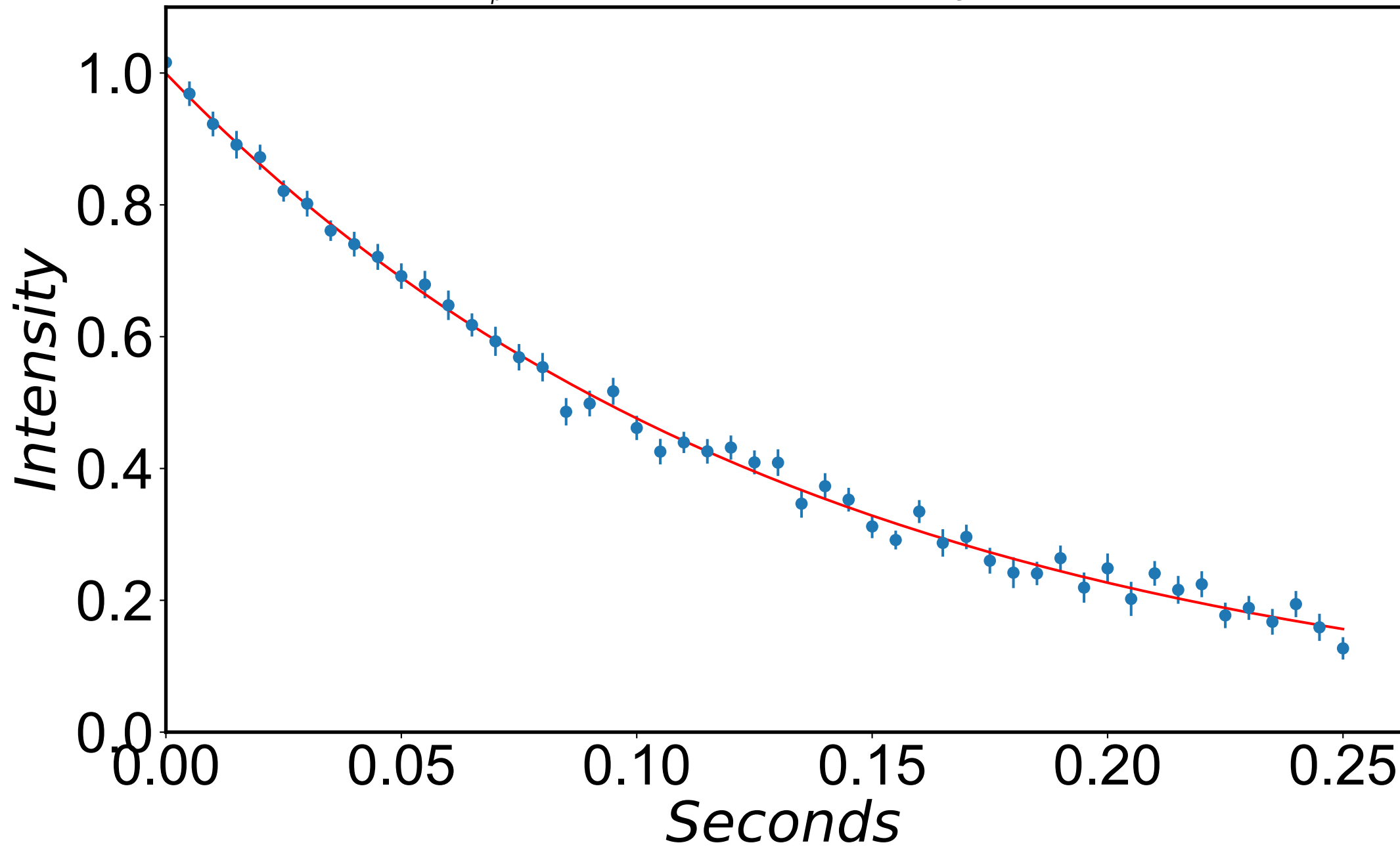
$$R_{1\rho} = 7.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 709 \text{ Hz}$$



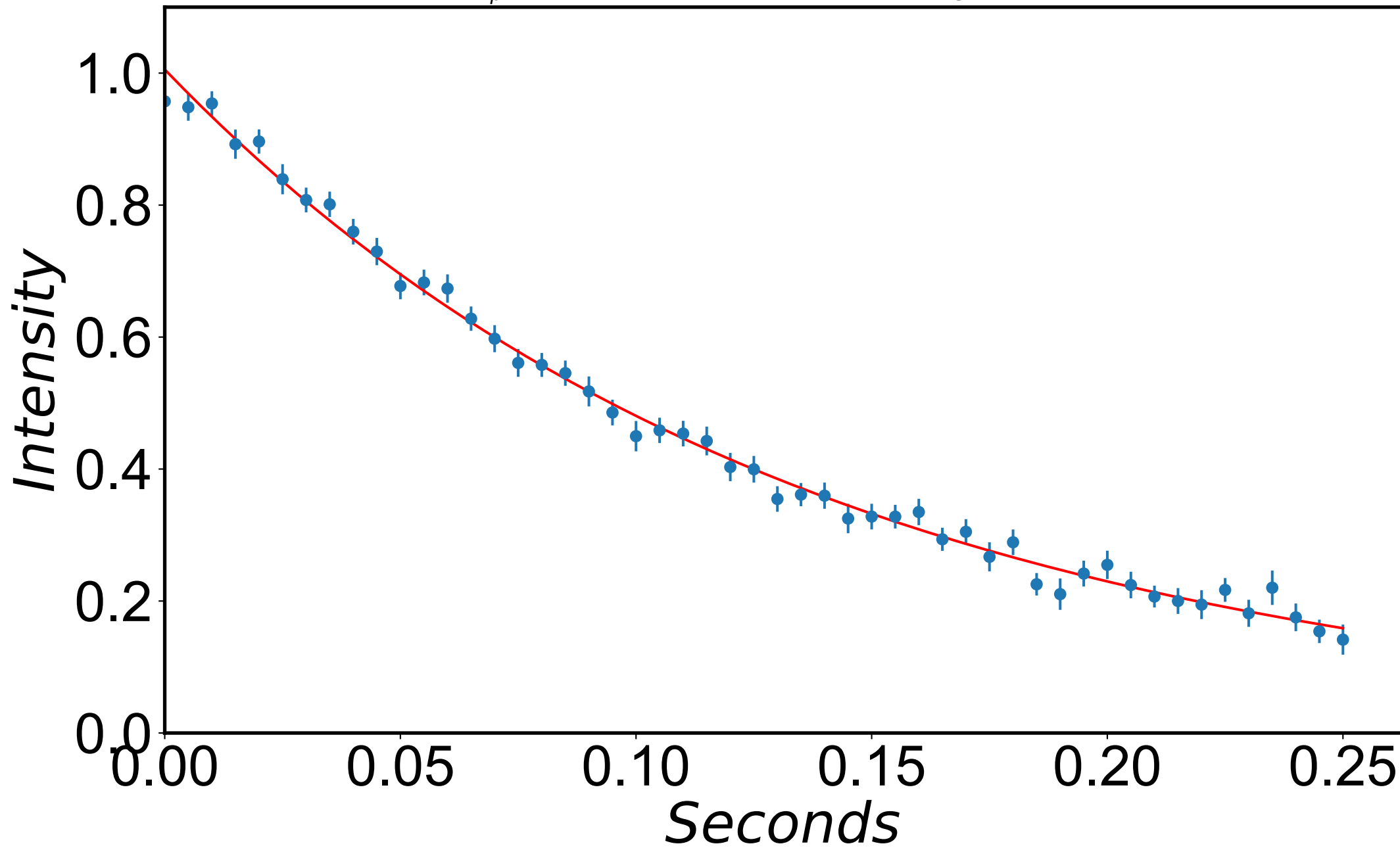
$$R_{1\rho} = 7.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 719 \text{ Hz}$$



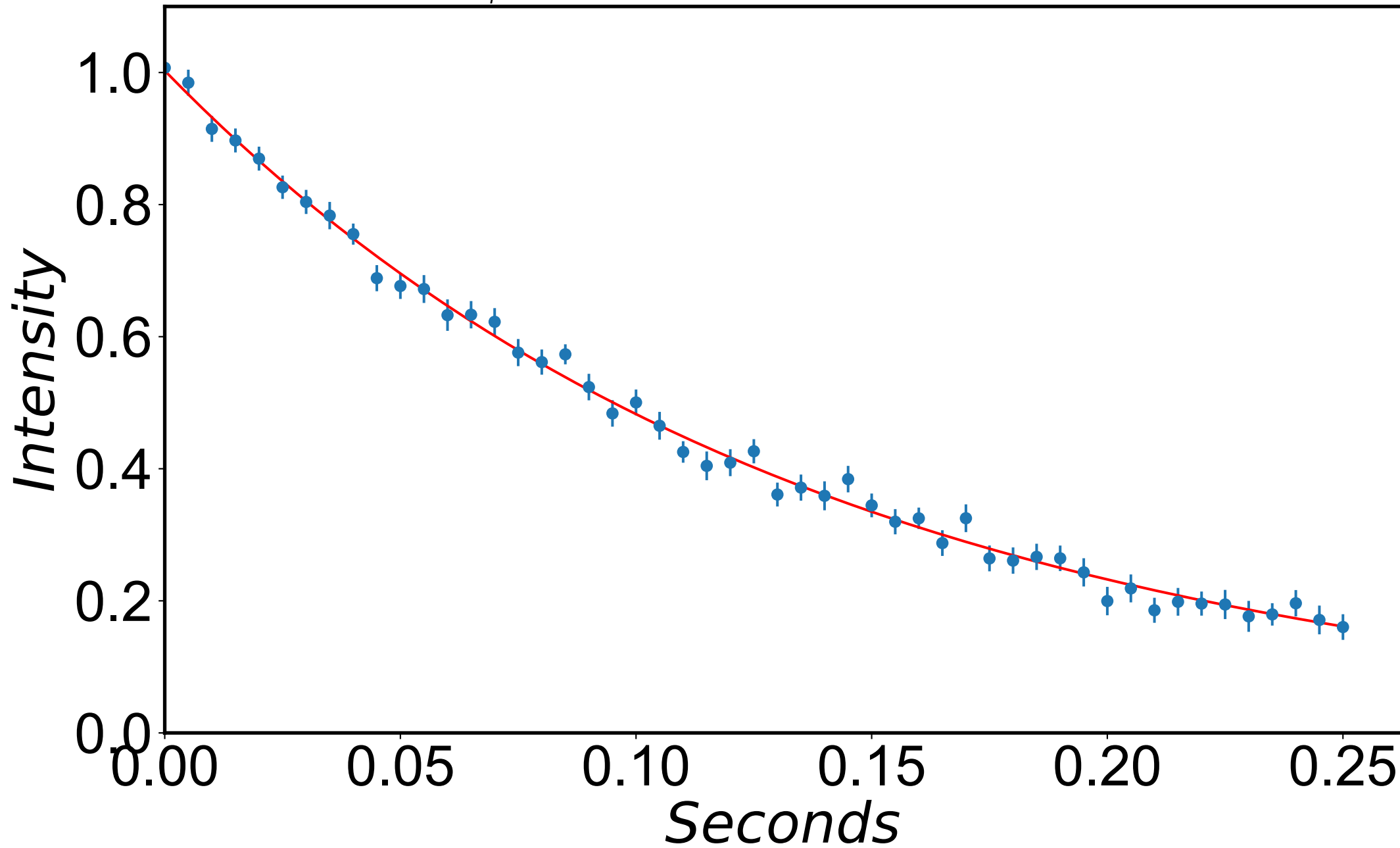
$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 729 \text{ Hz}$$



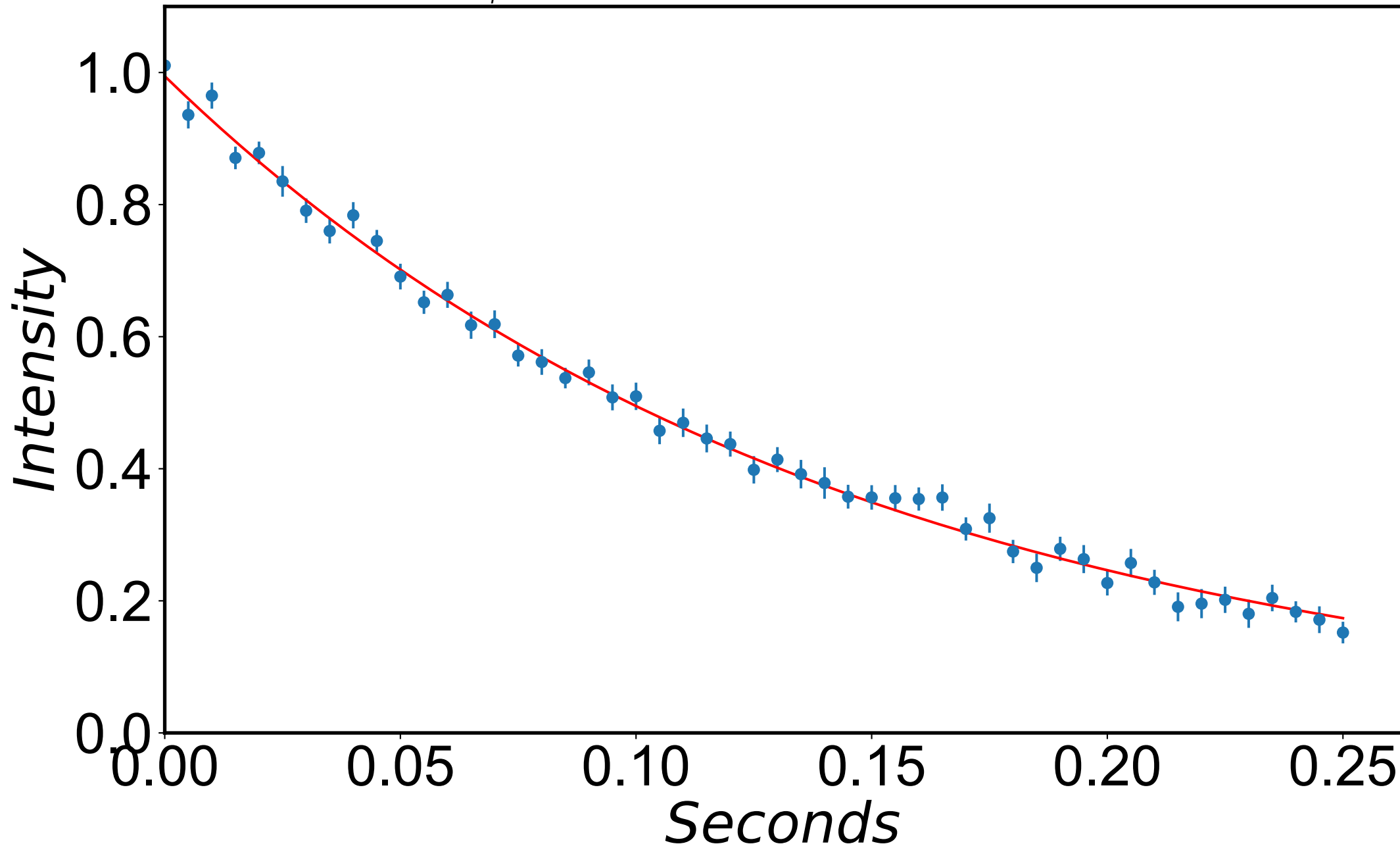
$$R_{1\rho} = 7.4 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 739 \text{ Hz}$$



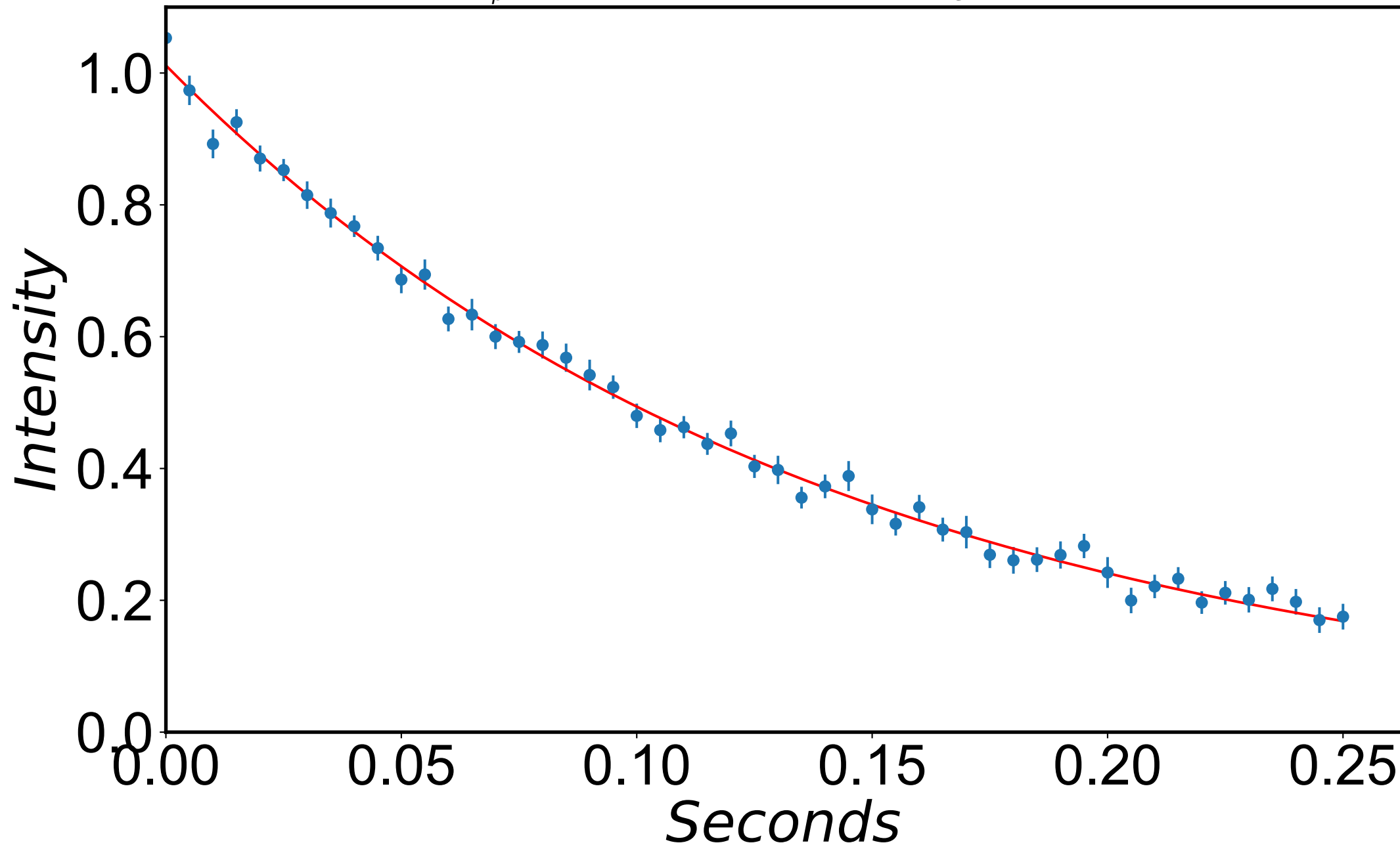
$$R_{1\rho} = 7.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 749 \text{ Hz}$$



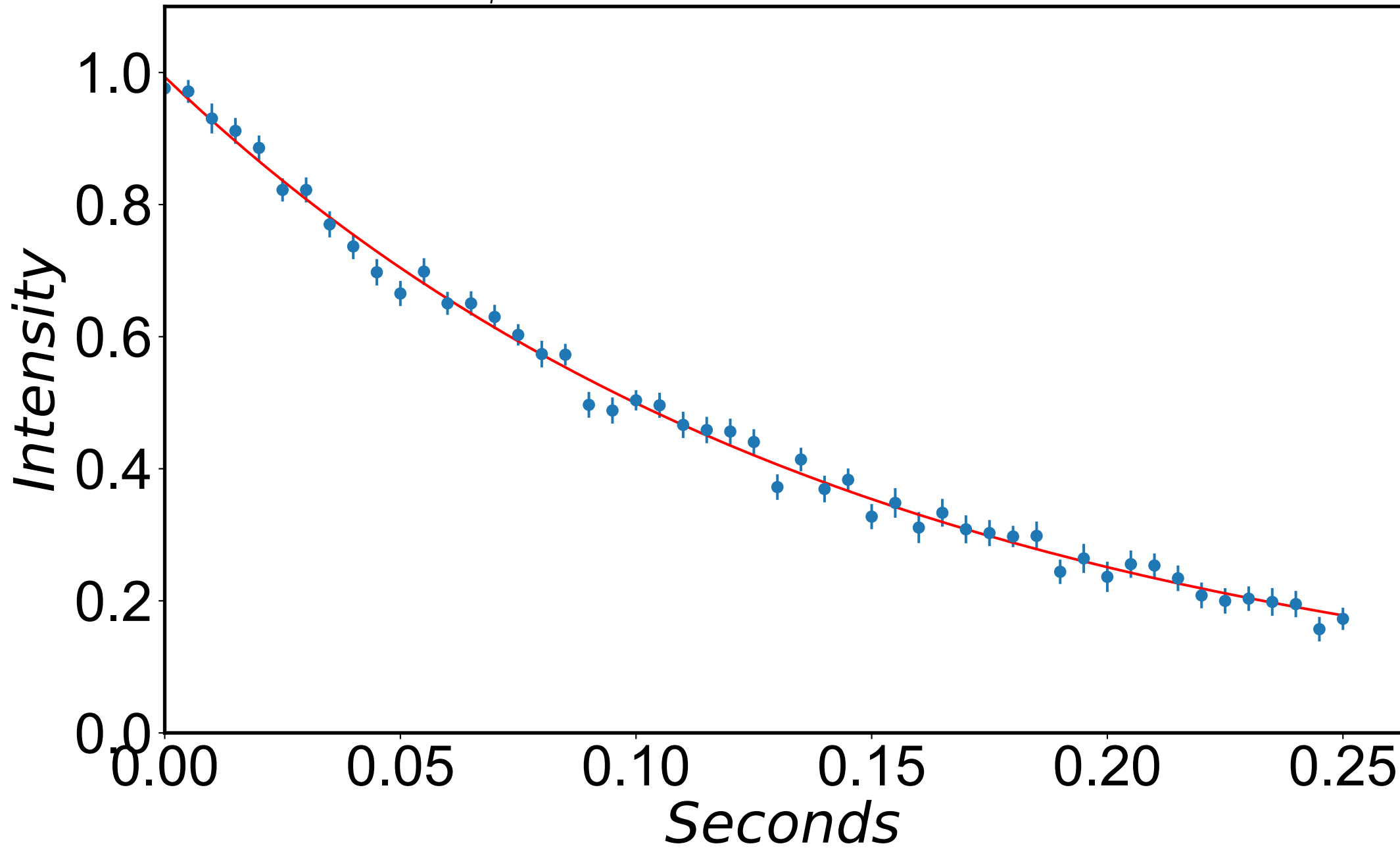
$$R_{1\rho} = 7.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 759 \text{ Hz}$$



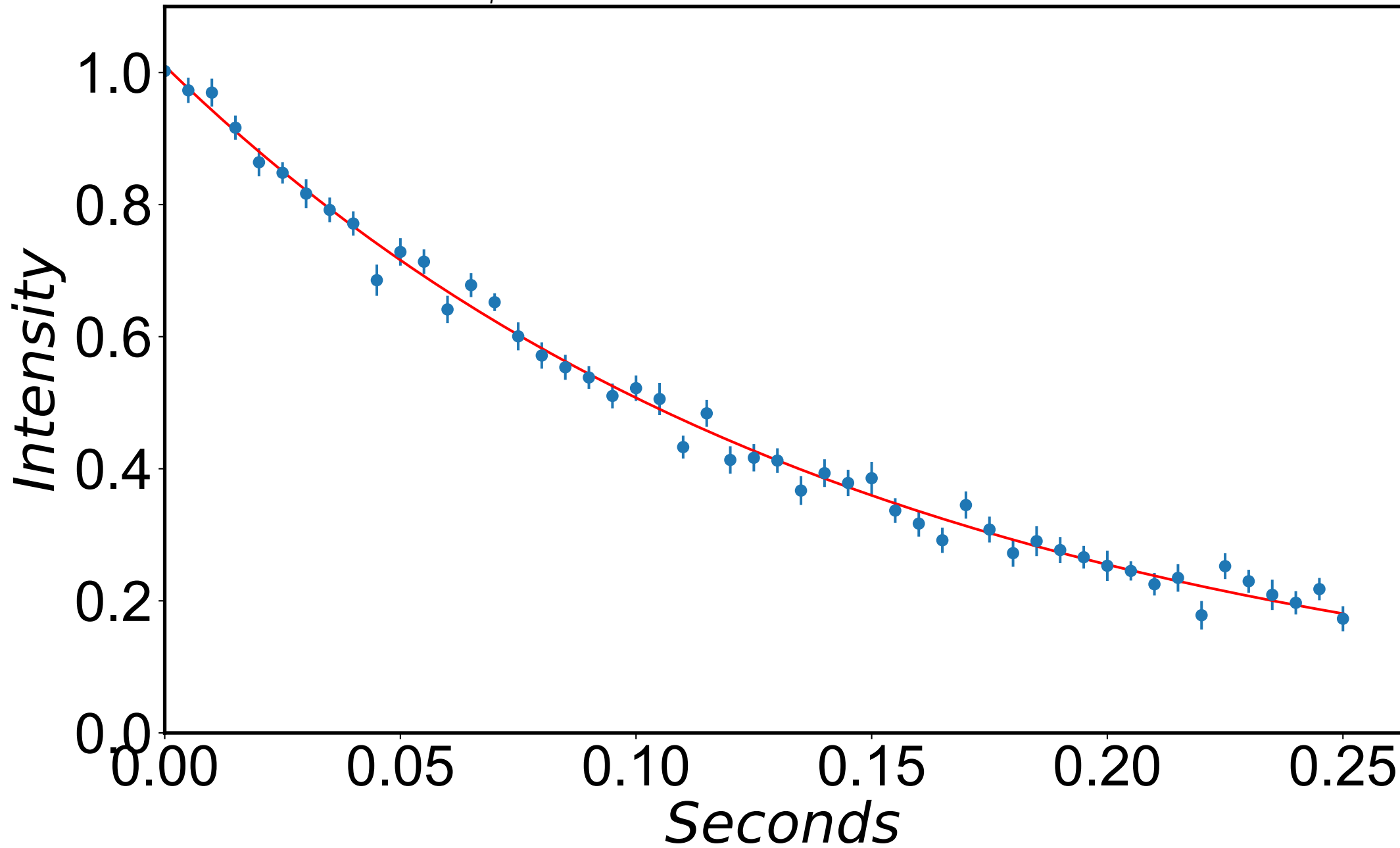
$$R_{1\rho} = 7.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 769 \text{ Hz}$$



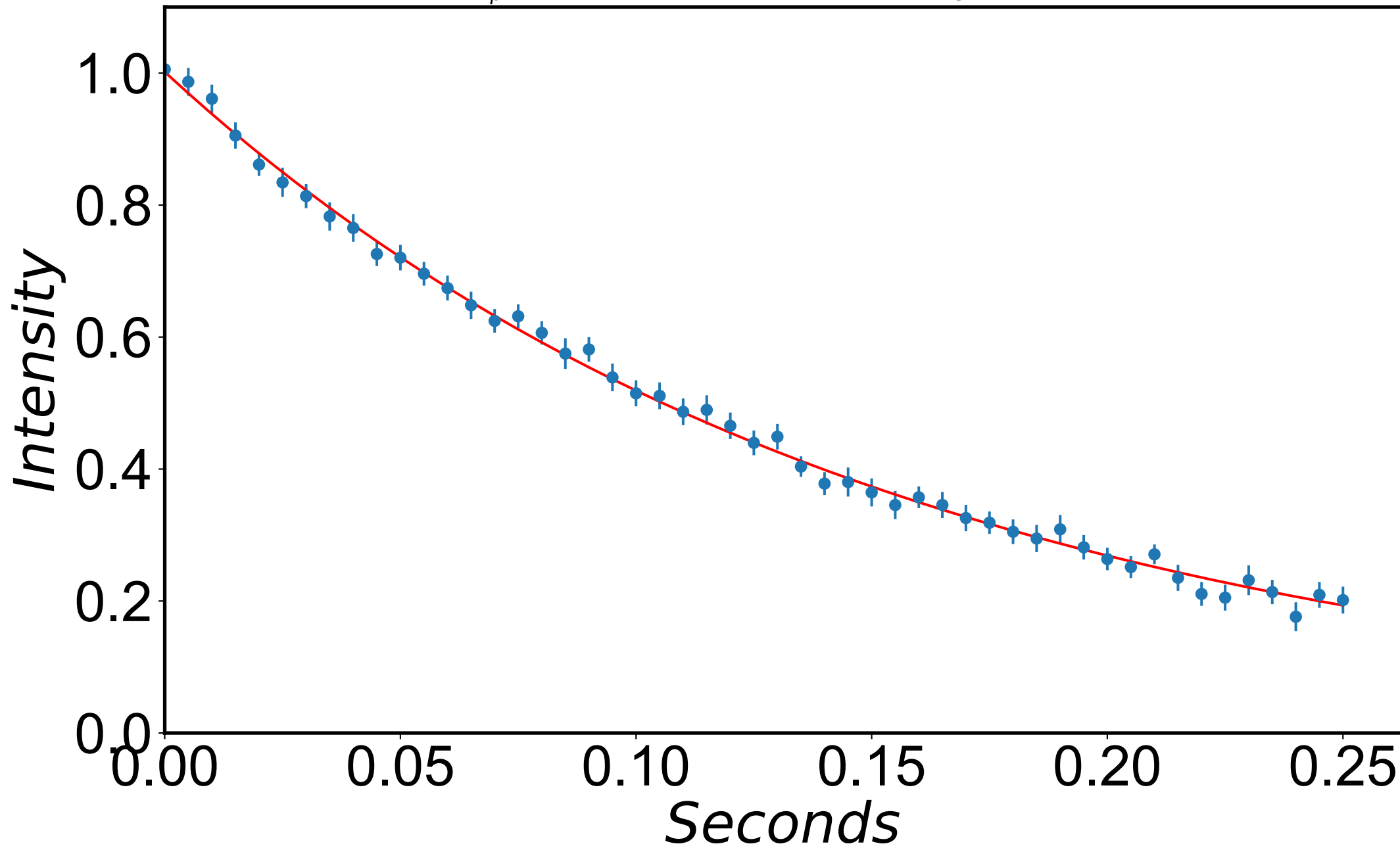
$$R_{1\rho} = 6.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 779 \text{ Hz}$$



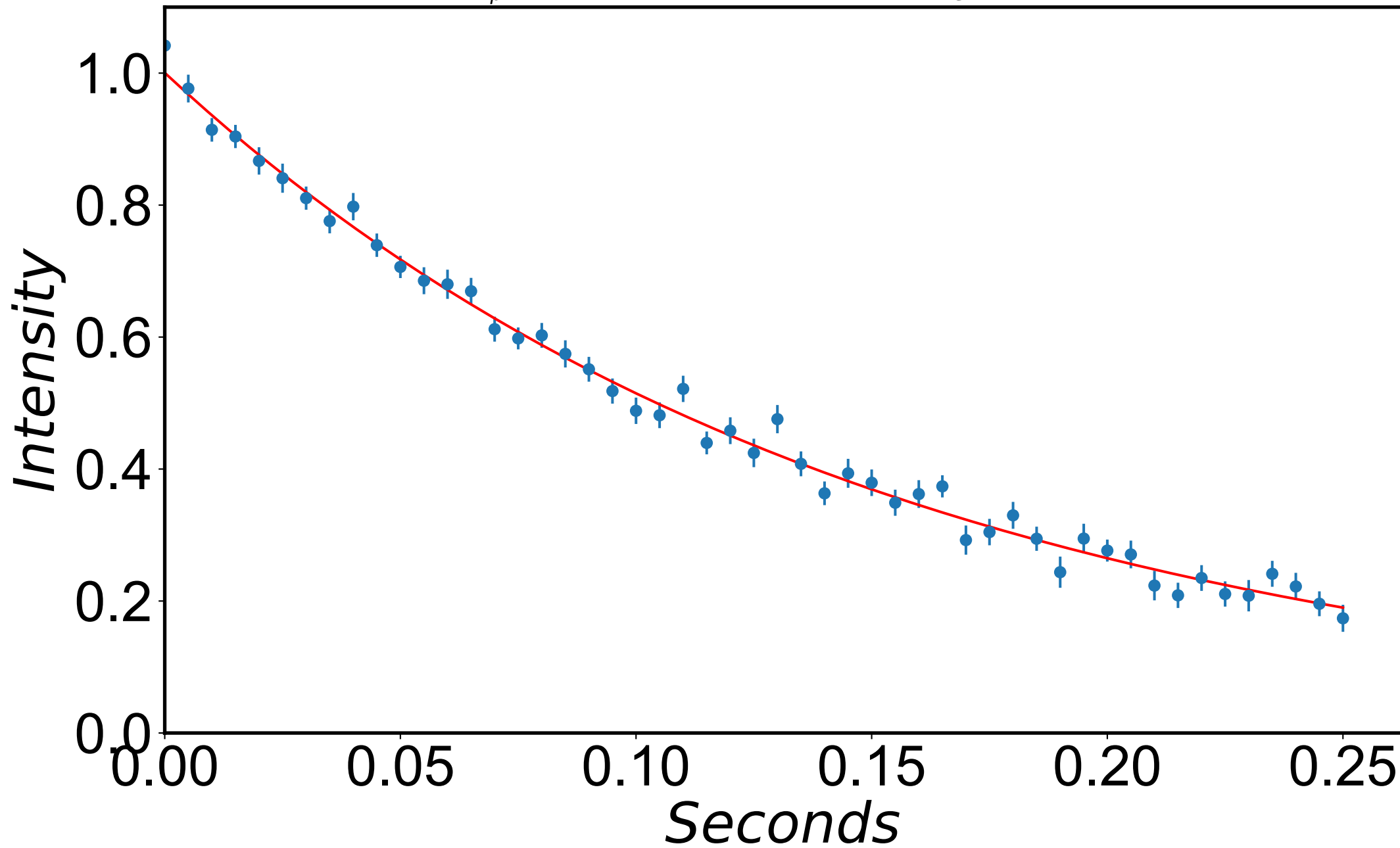
$$R_{1\rho} = 6.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 789 \text{ Hz}$$



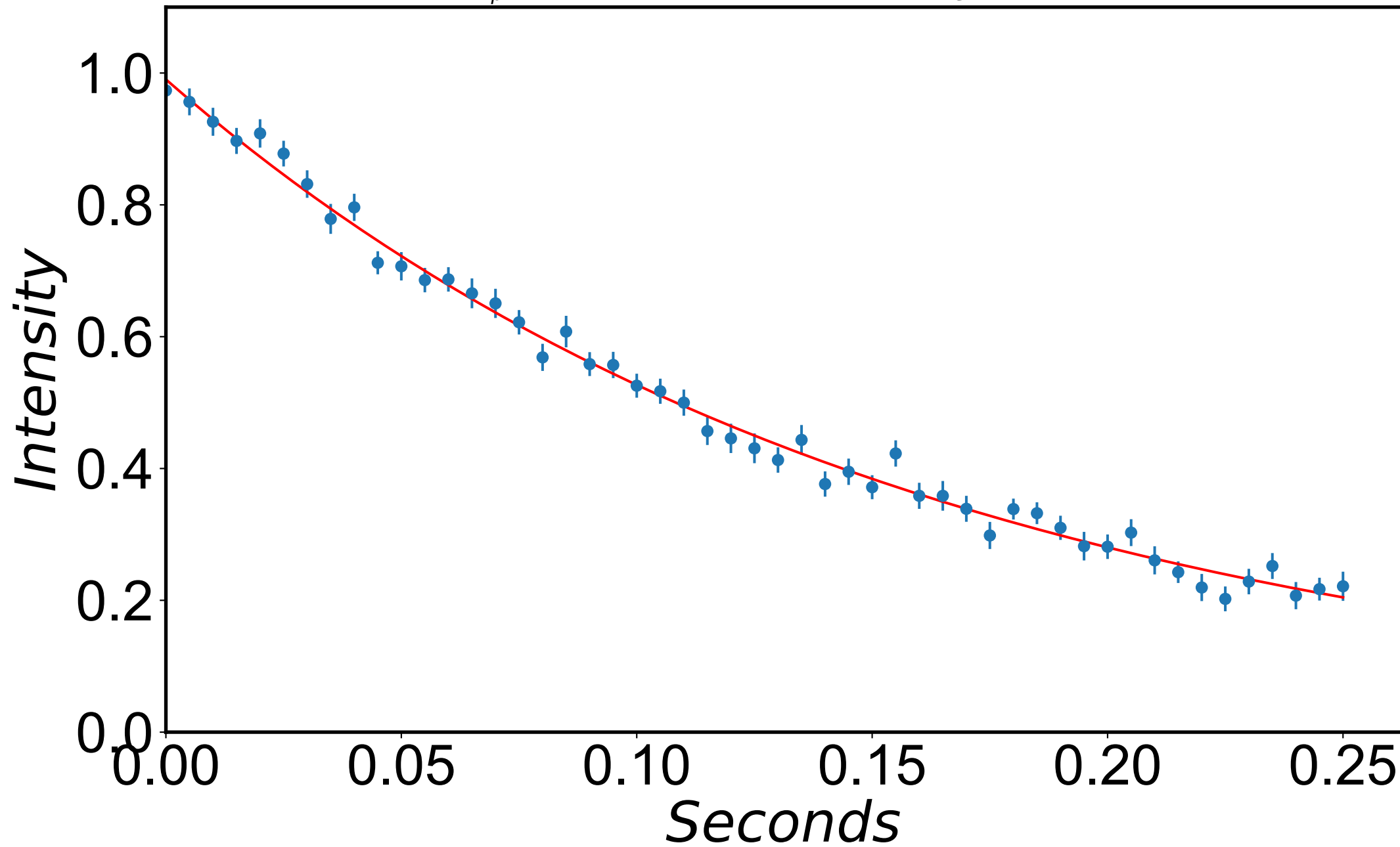
$$R_{1\rho} = 6.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 799 \text{ Hz}$$



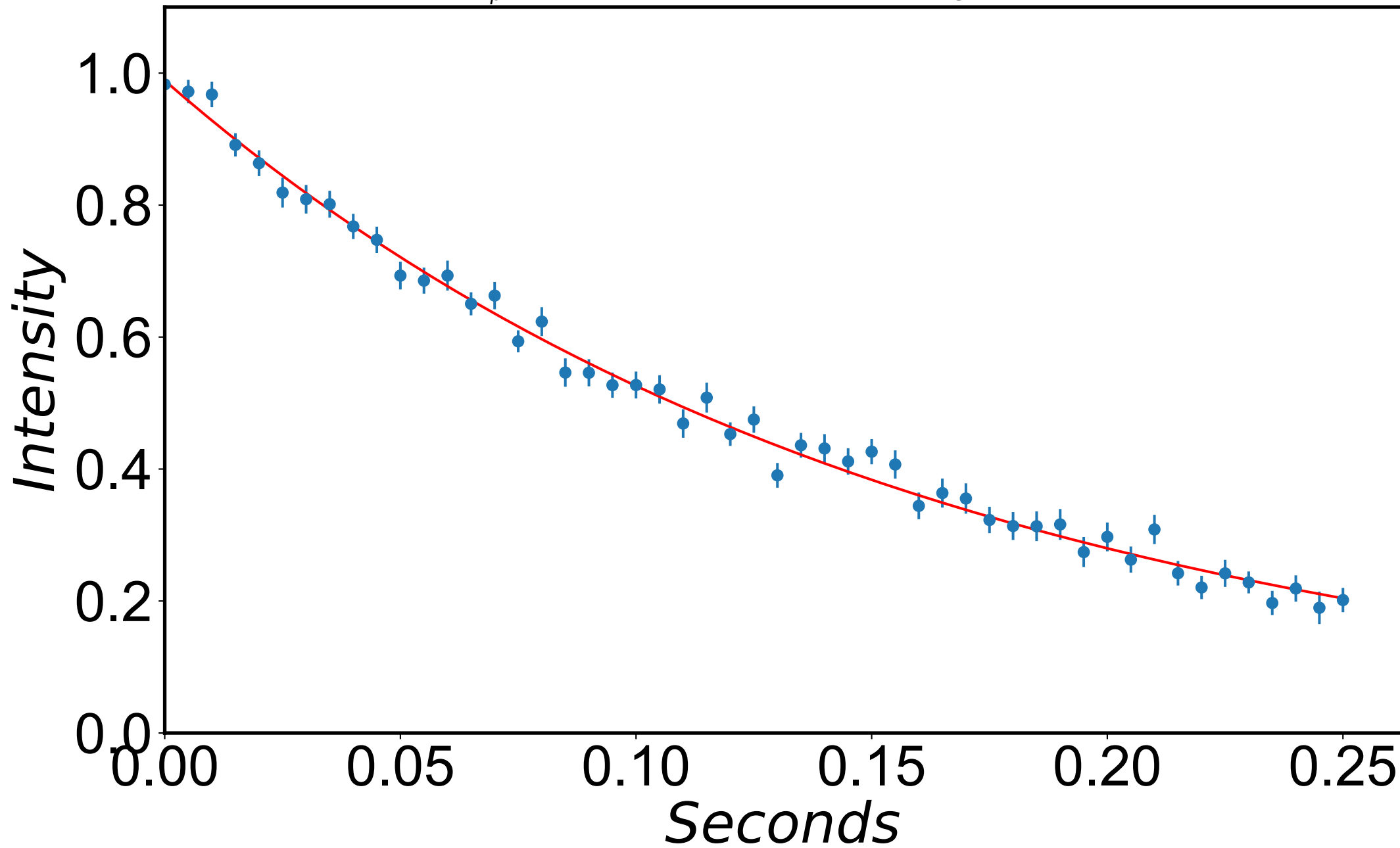
$$R_{1\rho} = 6.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 809 \text{ Hz}$$



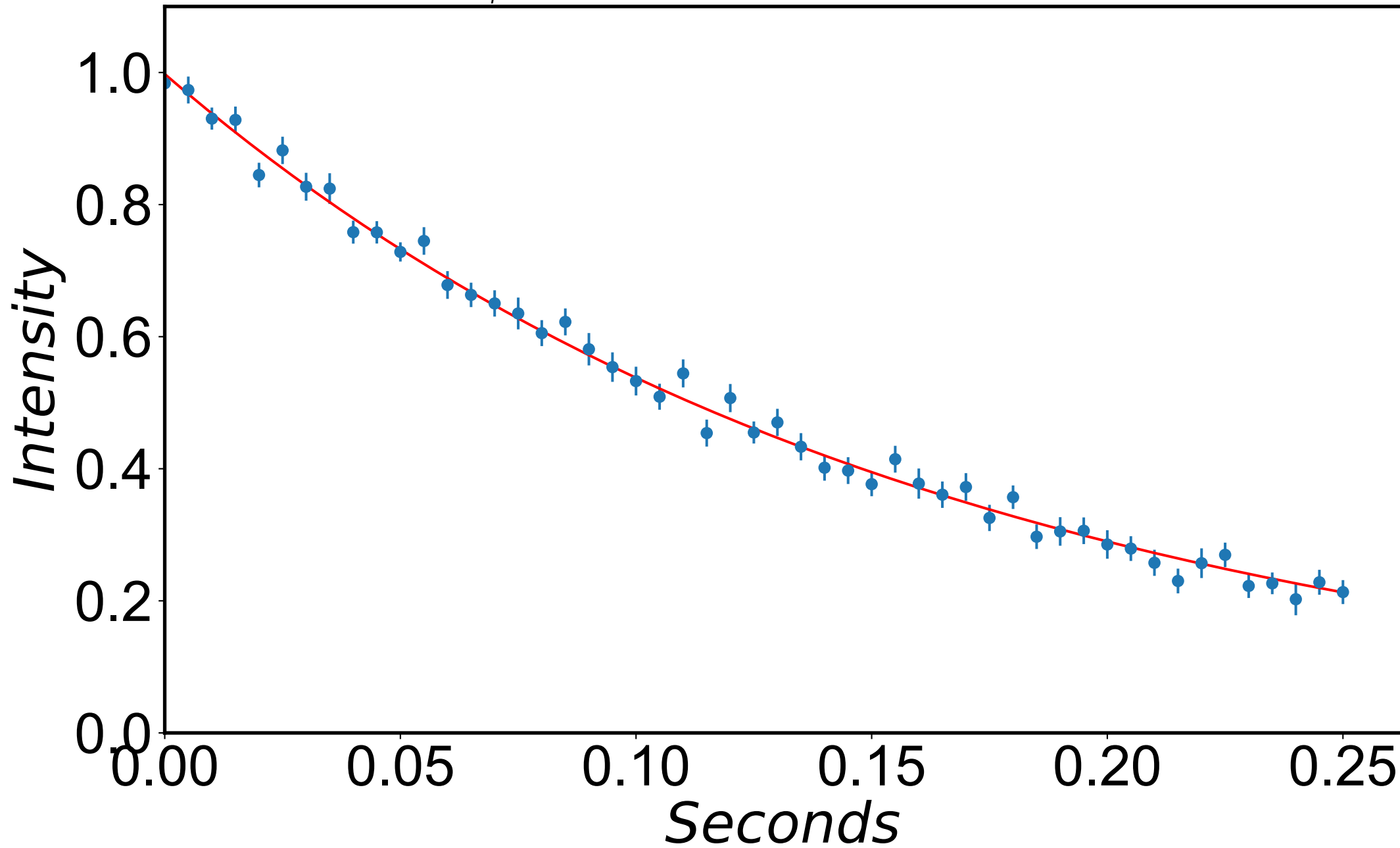
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 819 \text{ Hz}$$



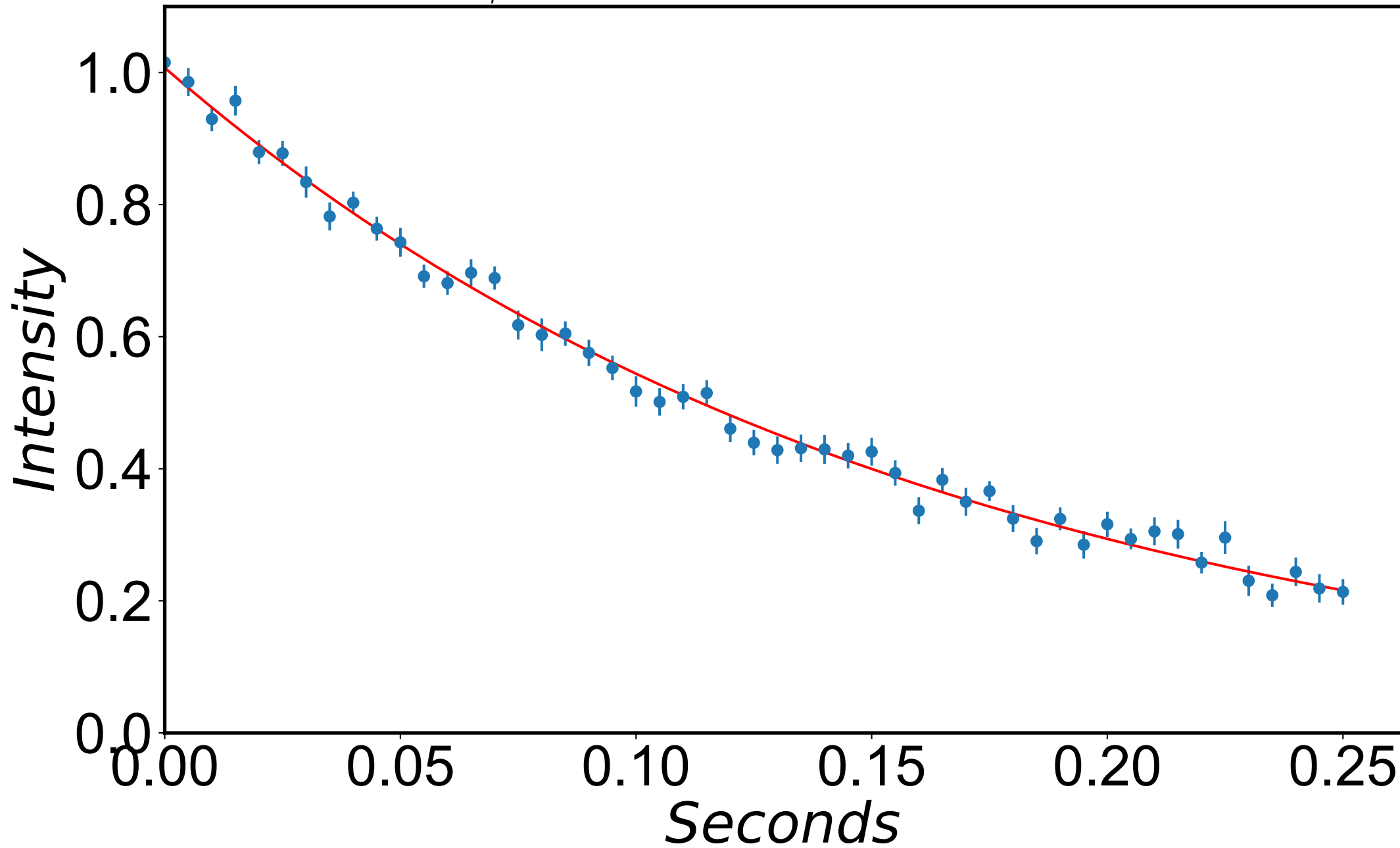
$$R_{1\rho} = 6.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 829 \text{ Hz}$$



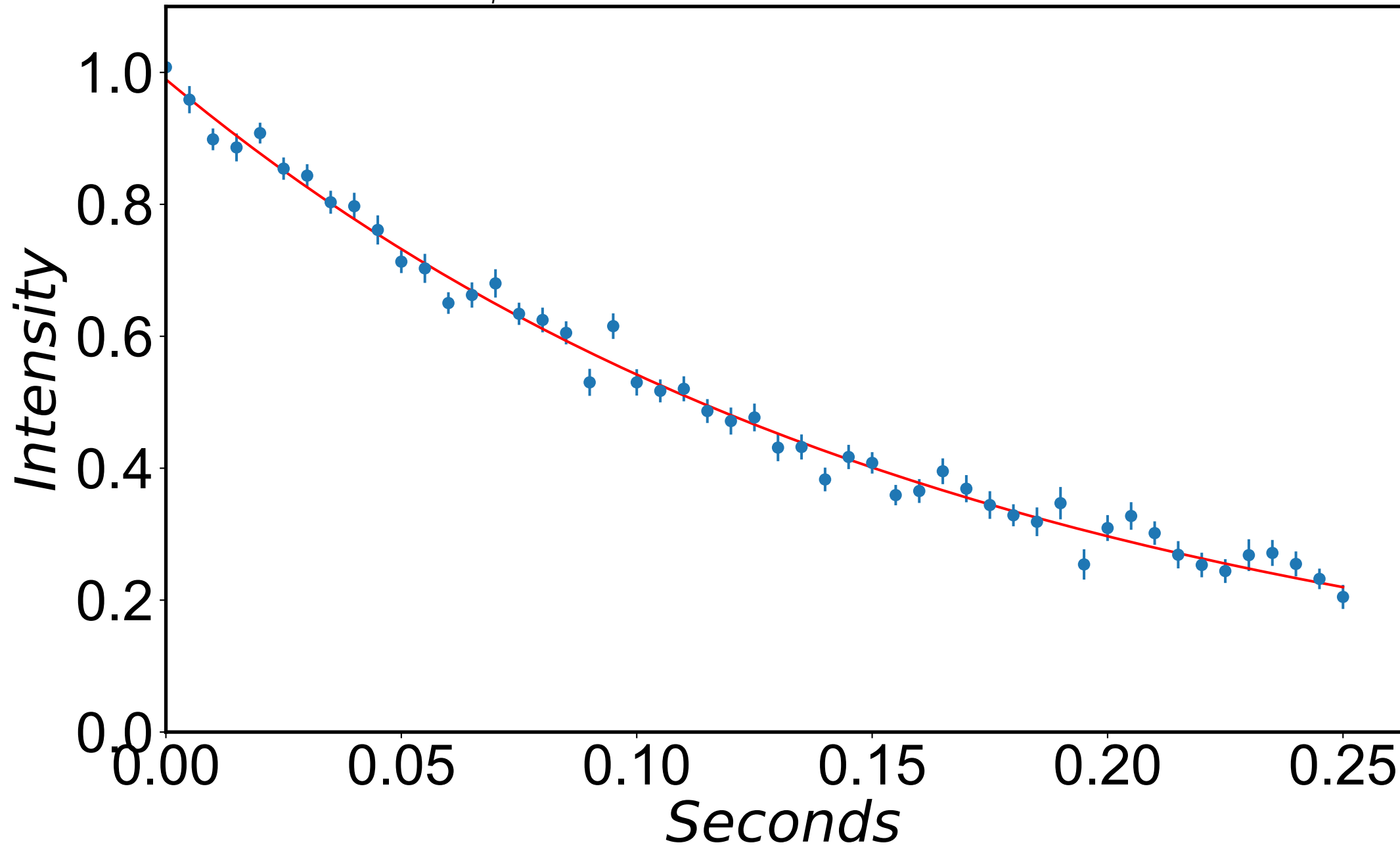
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 839 \text{ Hz}$$



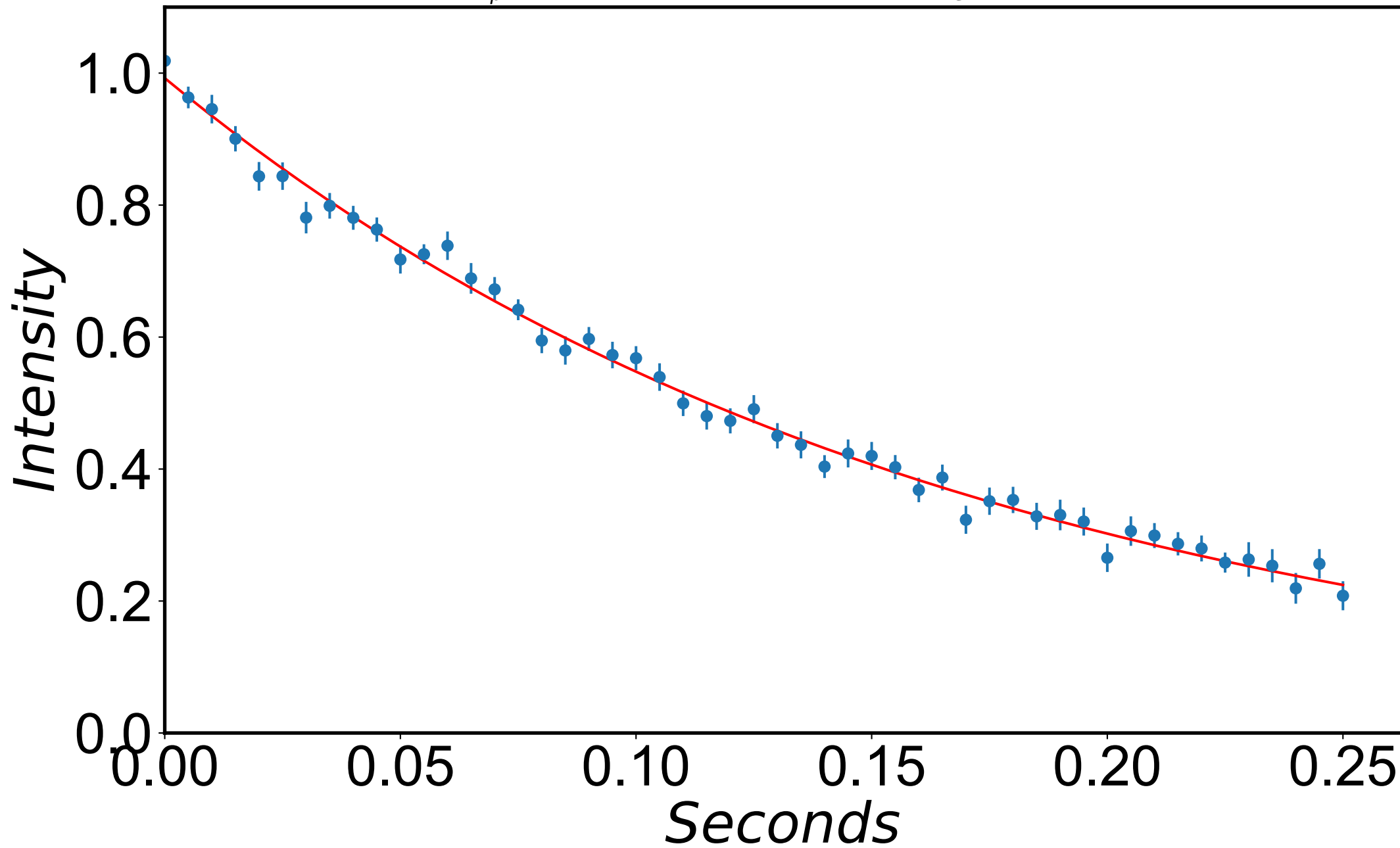
$$R_{1\rho} = 6.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 849 \text{ Hz}$$



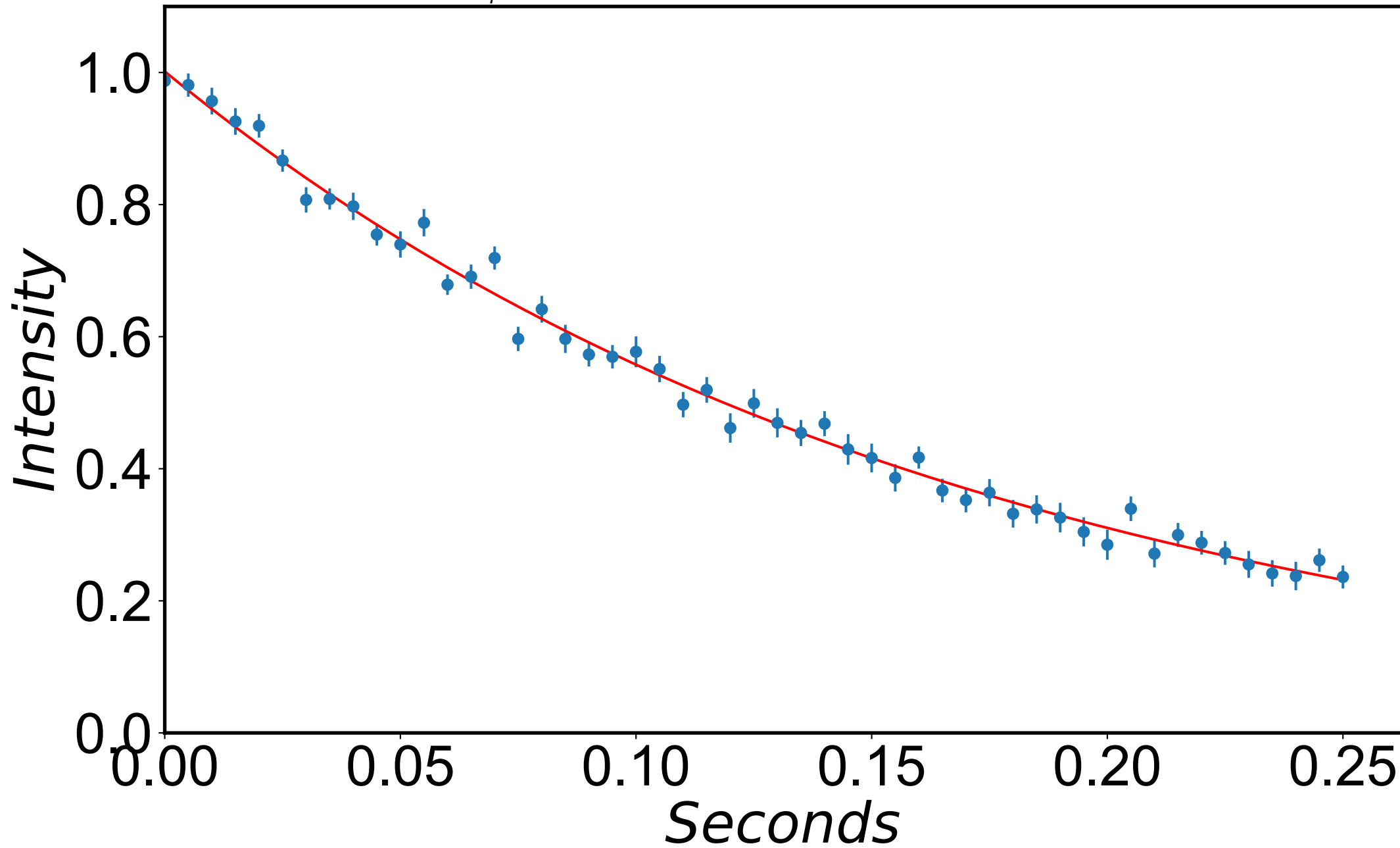
$$R_{1\rho} = 6.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 859 \text{ Hz}$$



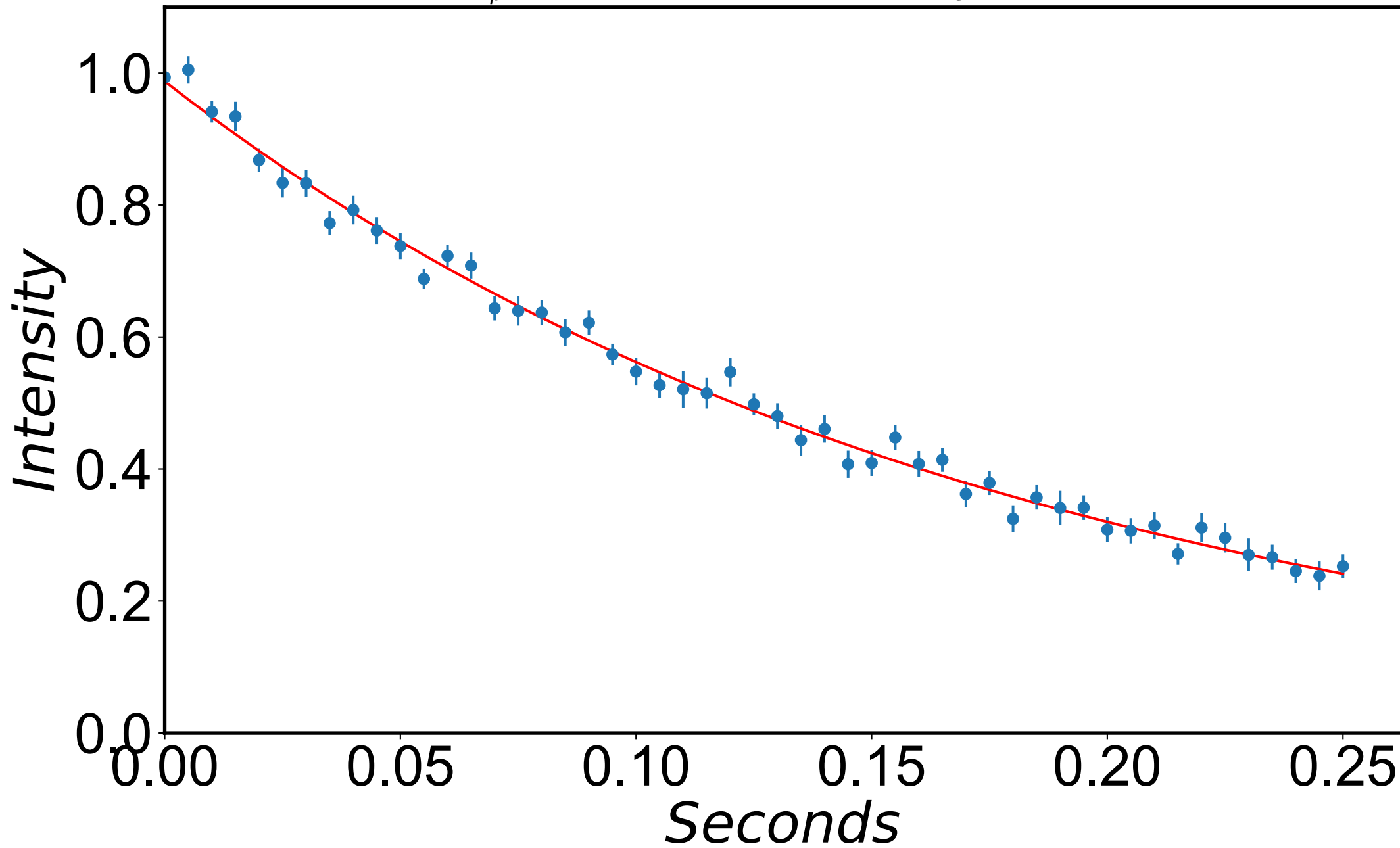
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 869 \text{ Hz}$$



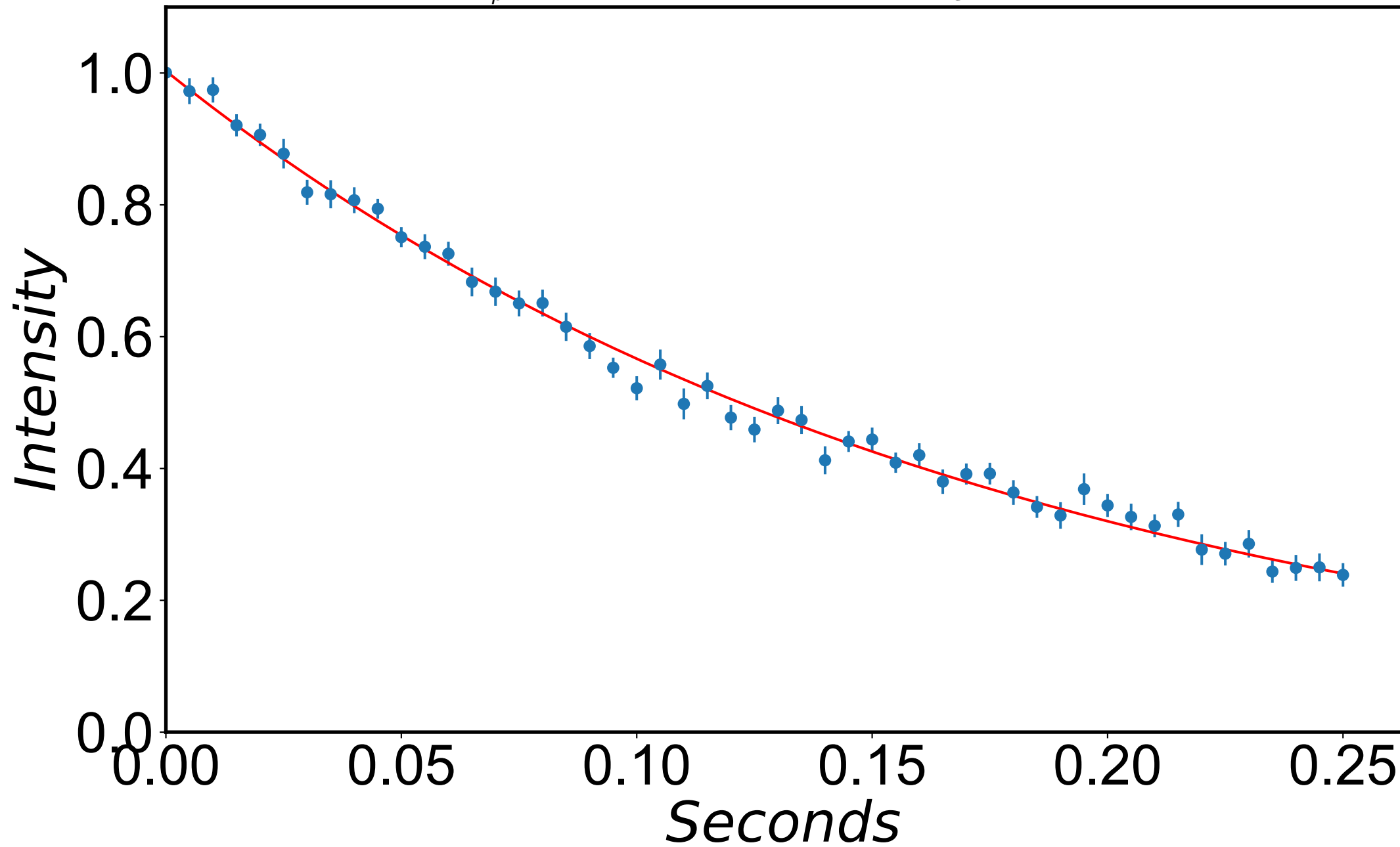
$$R_{1\rho} = 5.9 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 879 \text{ Hz}$$



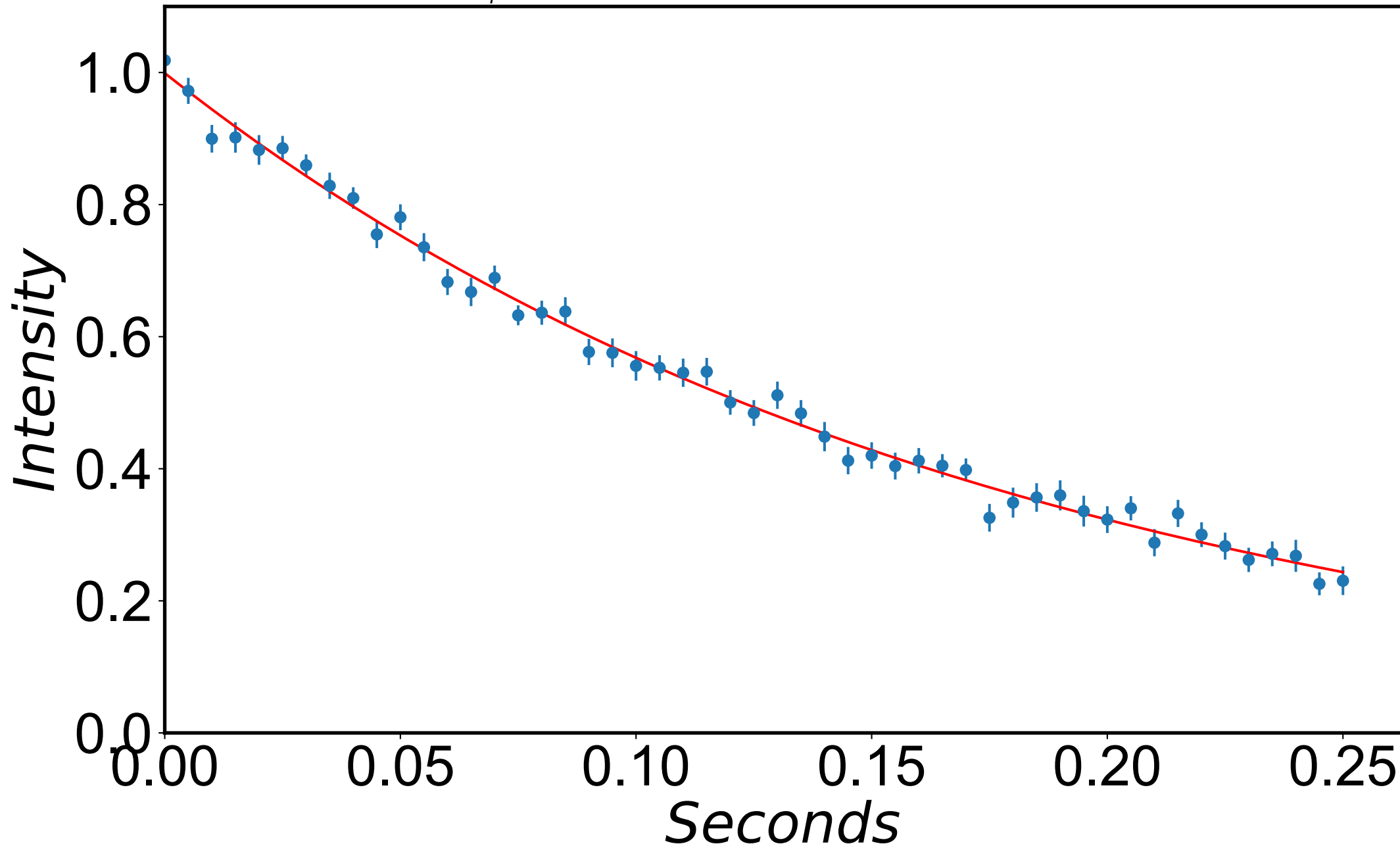
$$R_{1\rho} = 5.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 889 \text{ Hz}$$



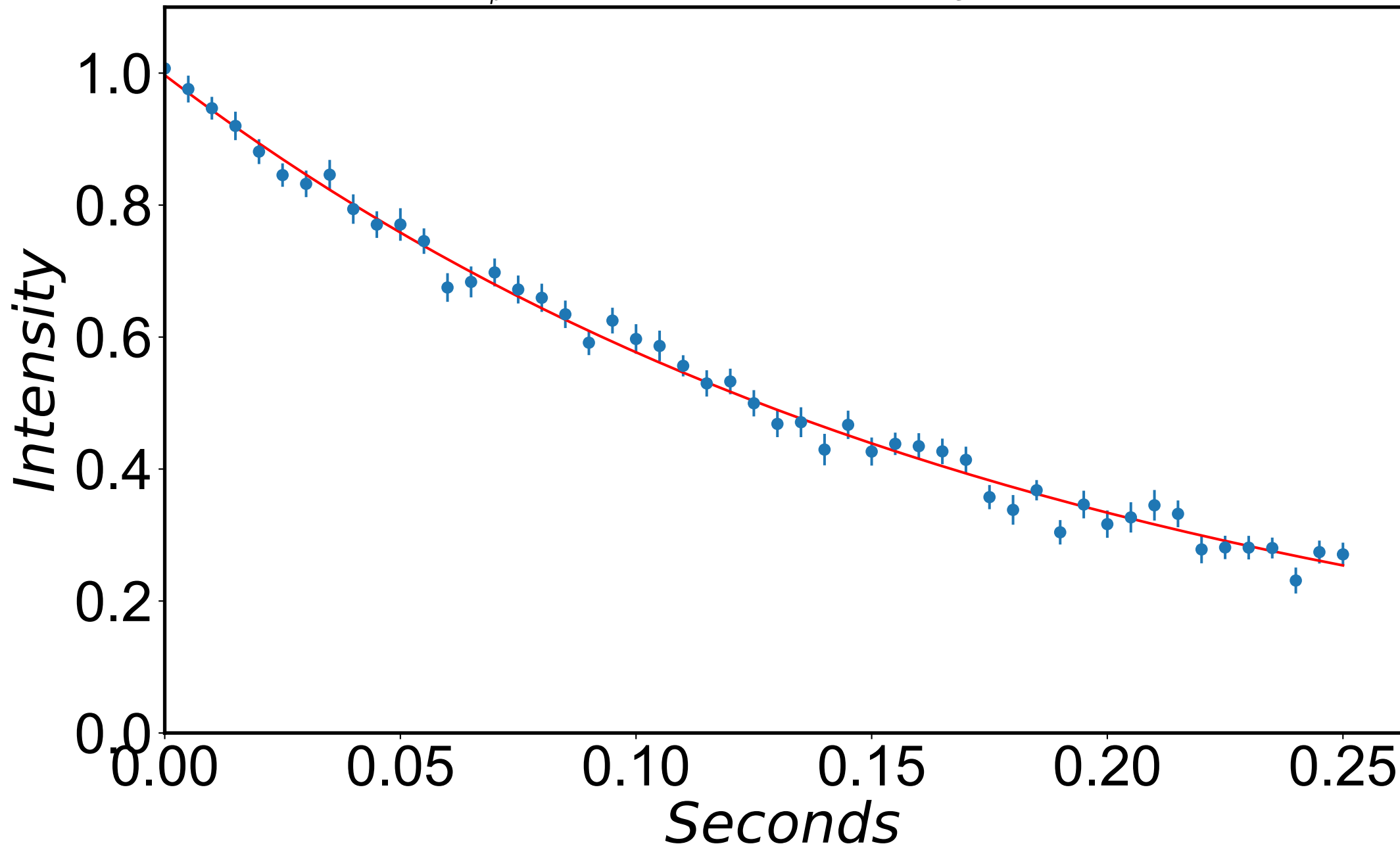
$$R_{1\rho} = 5.7 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 899 \text{ Hz}$$



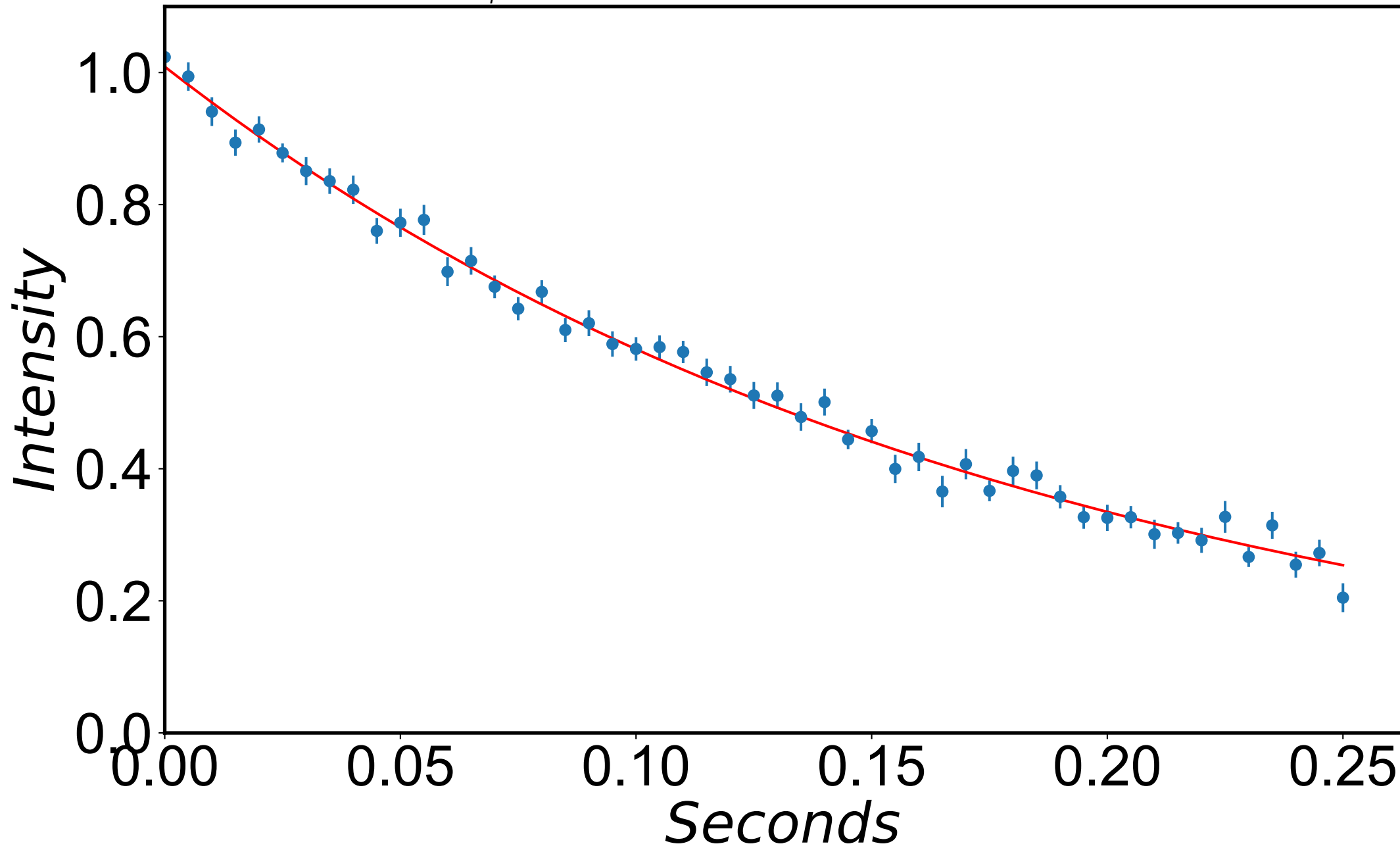
$$R_{1\rho} = 5.6 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 910 \text{ Hz}$$



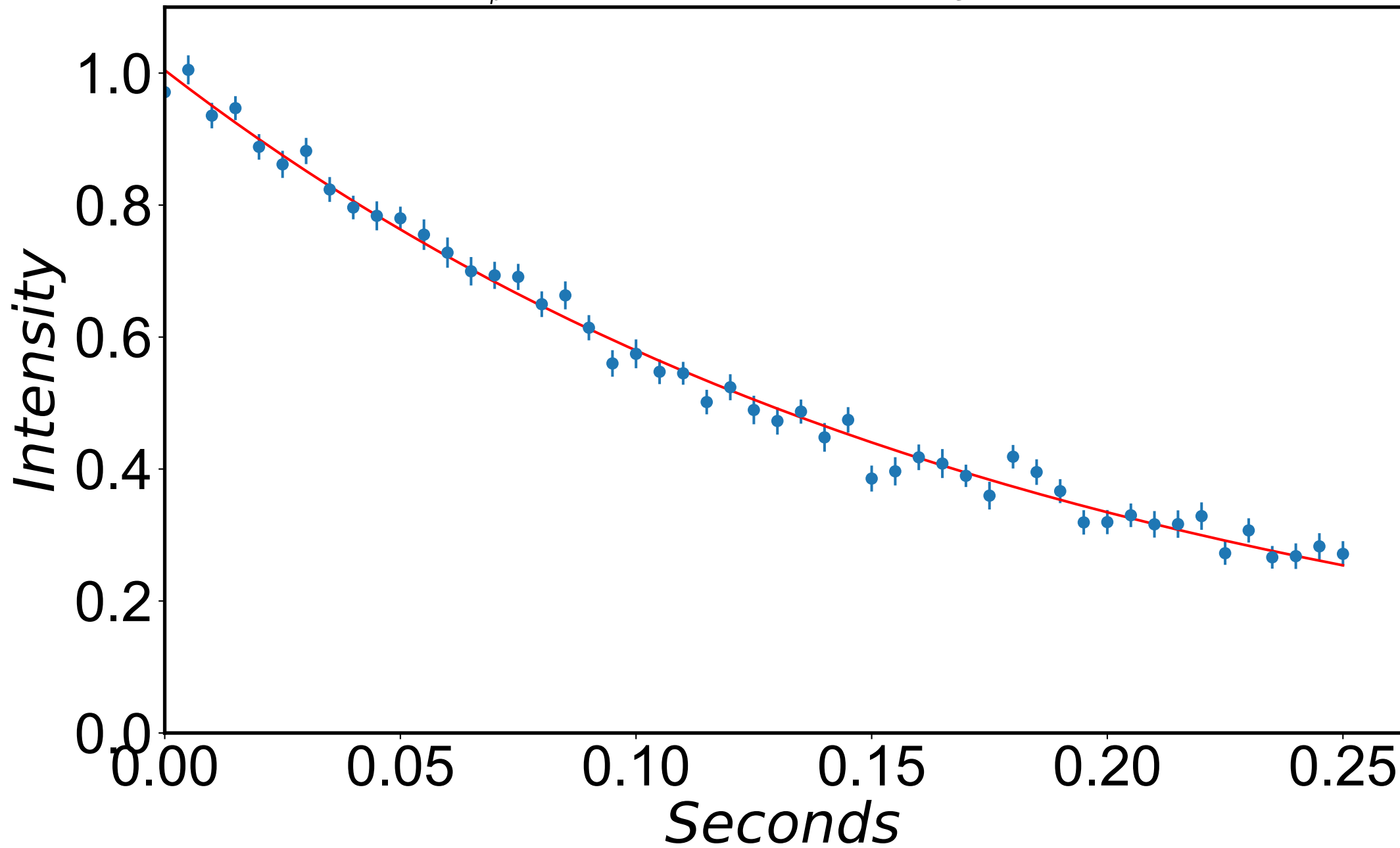
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 920 \text{ Hz}$$



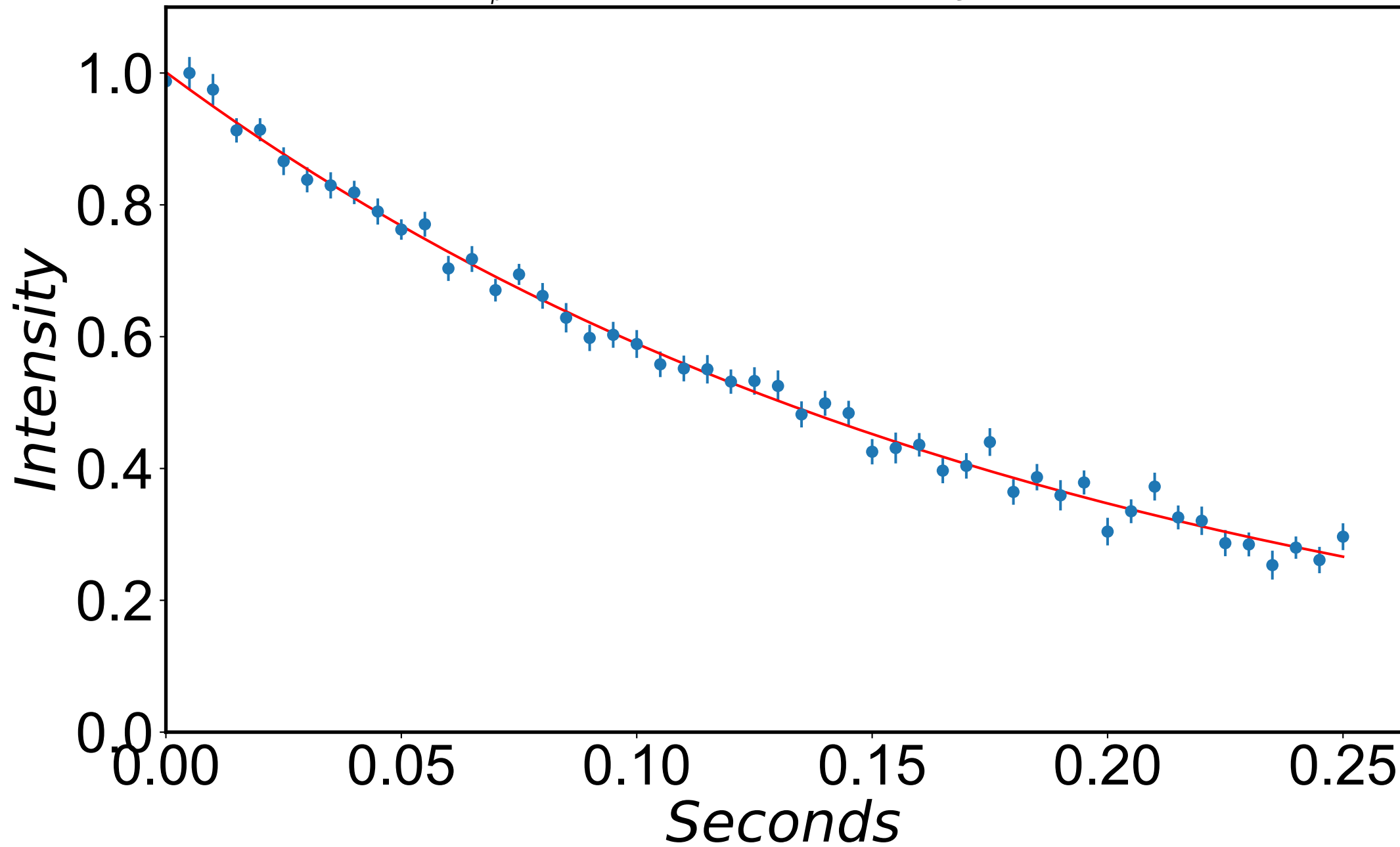
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 930 \text{ Hz}$$



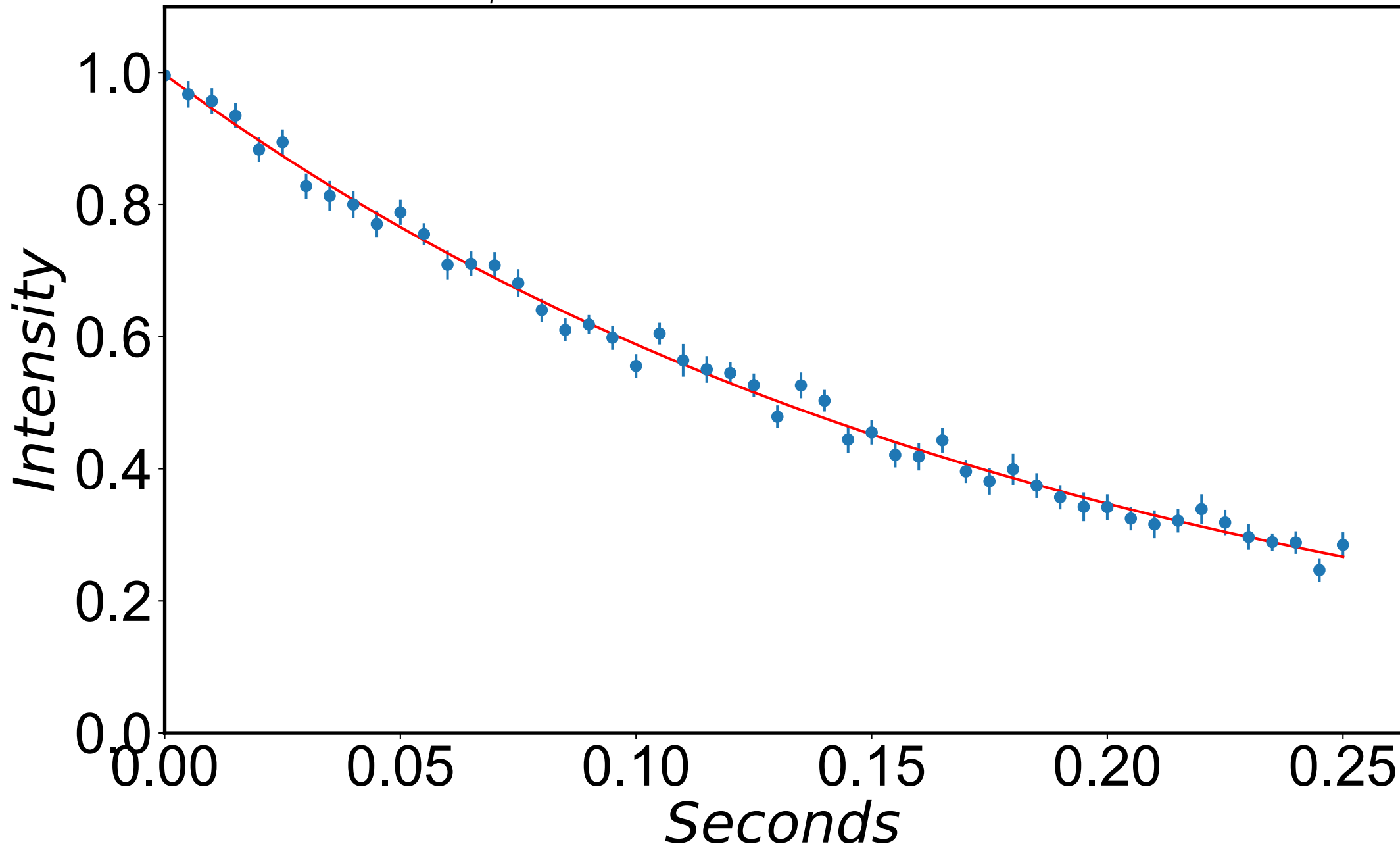
$$R_{1\rho} = 5.5 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 940 \text{ Hz}$$



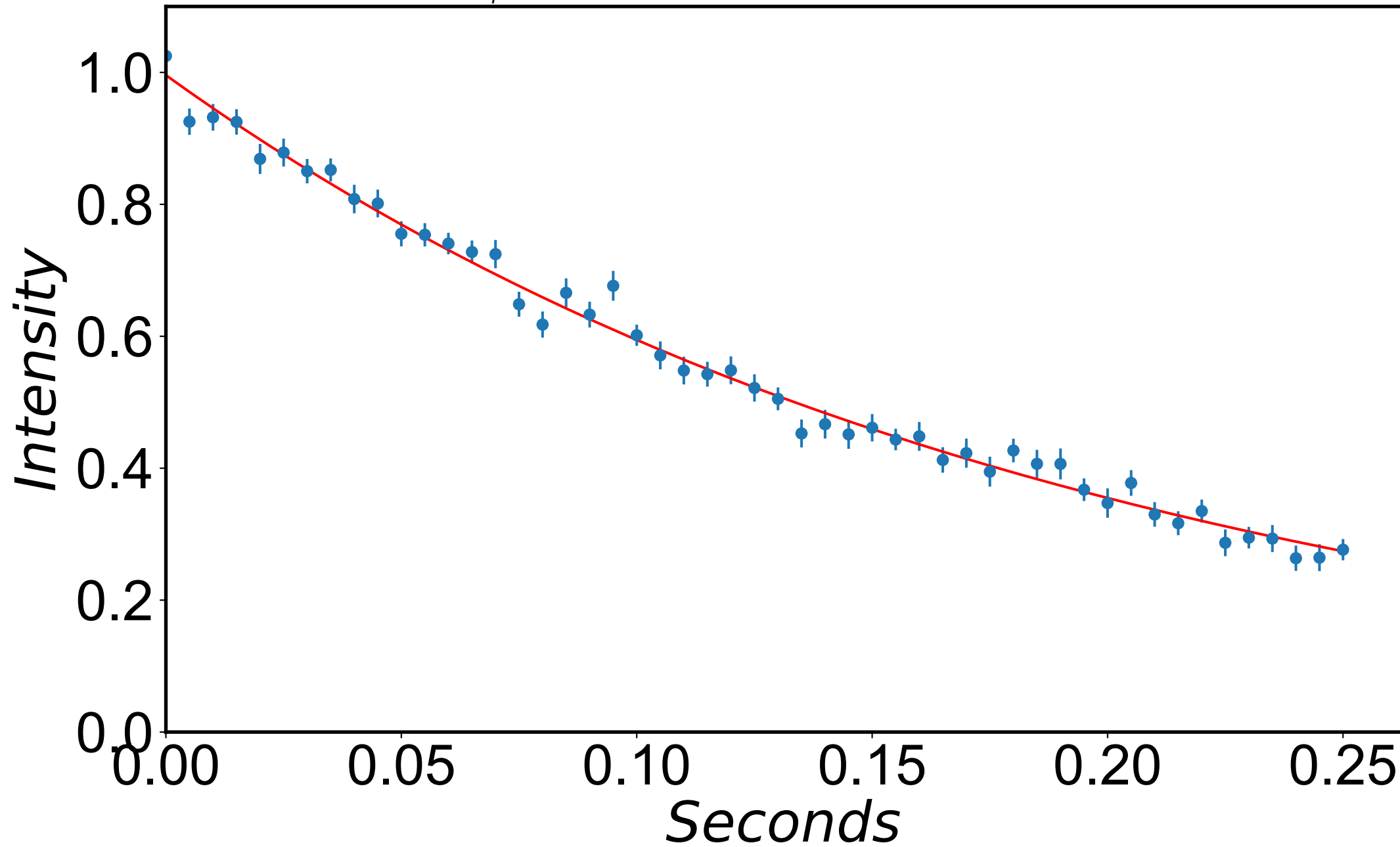
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 950 \text{ Hz}$$



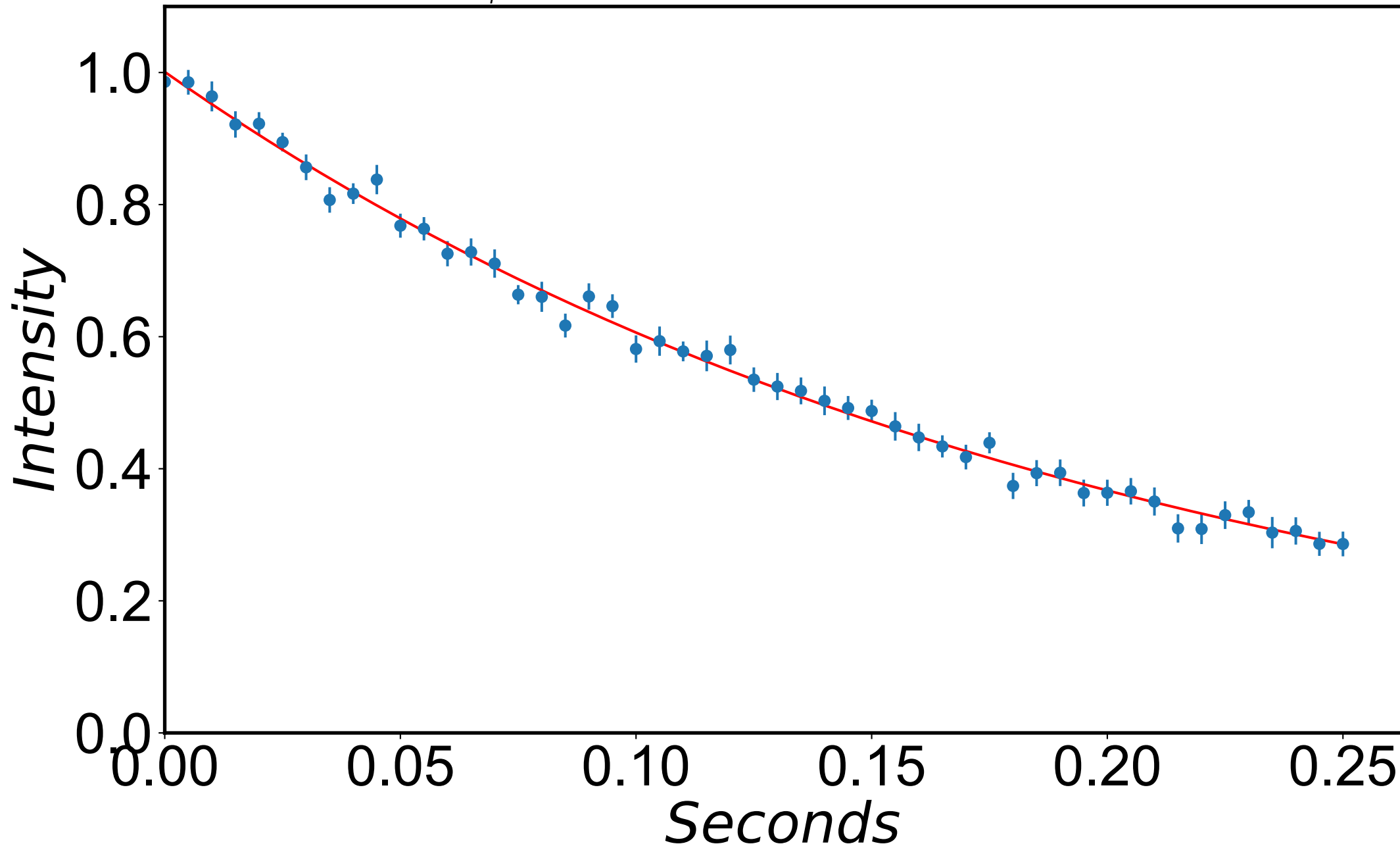
$$R_{1\rho} = 5.3 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 960 \text{ Hz}$$



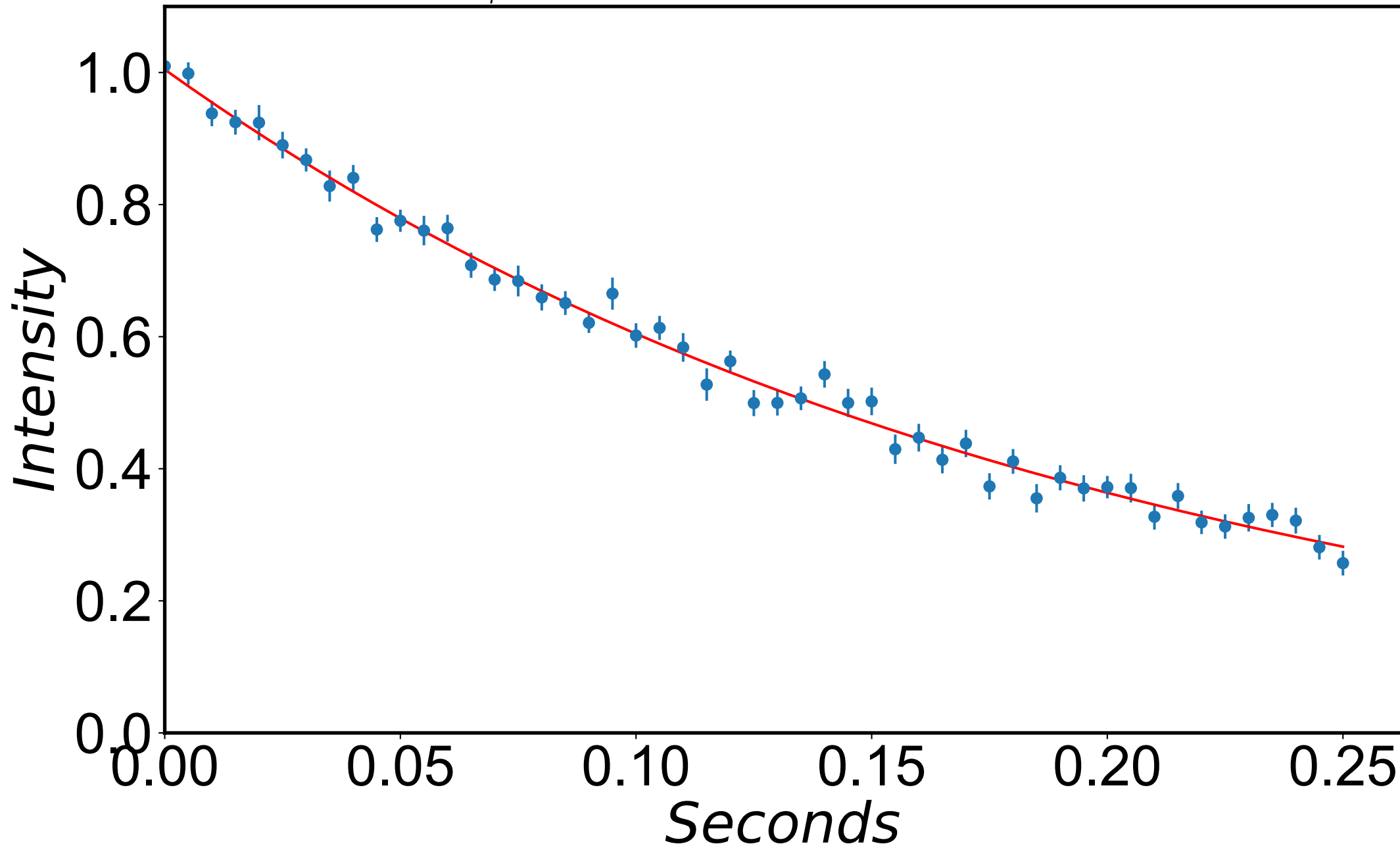
$$R_{1\rho} = 5.2 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 970 \text{ Hz}$$



$$R_{1\rho} = 5.0 \pm 0.1 \text{ s}^{-1} \quad \omega_1 = 400 \text{ Hz} \quad \Omega_{\text{eff}} = 980 \text{ Hz}$$



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



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

