$R_{1\rho}\,25.87 \pm 0.56\,s^{-1}\,|\,\omega_1\,50\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 16.81$
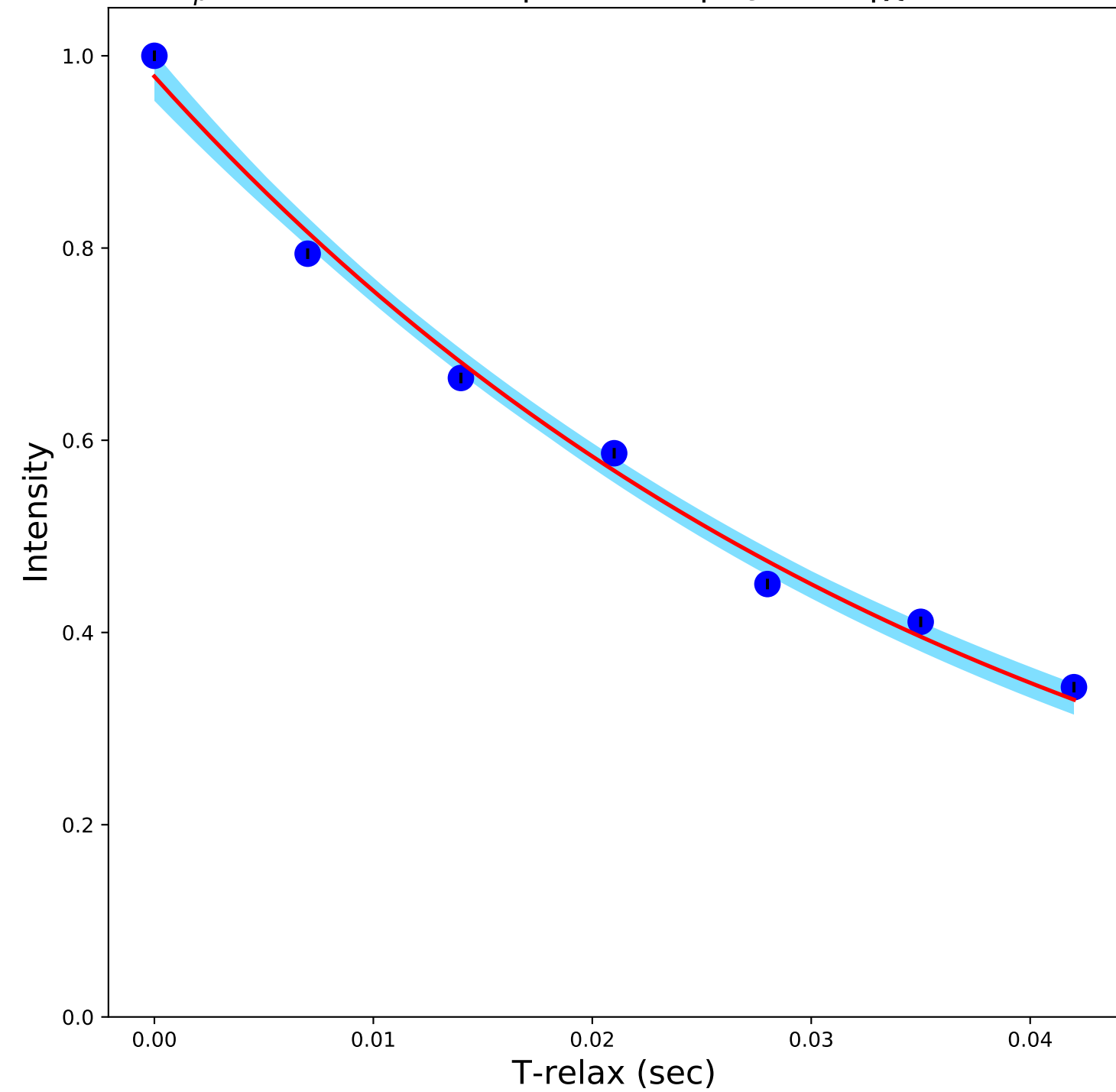
Folder (1400)
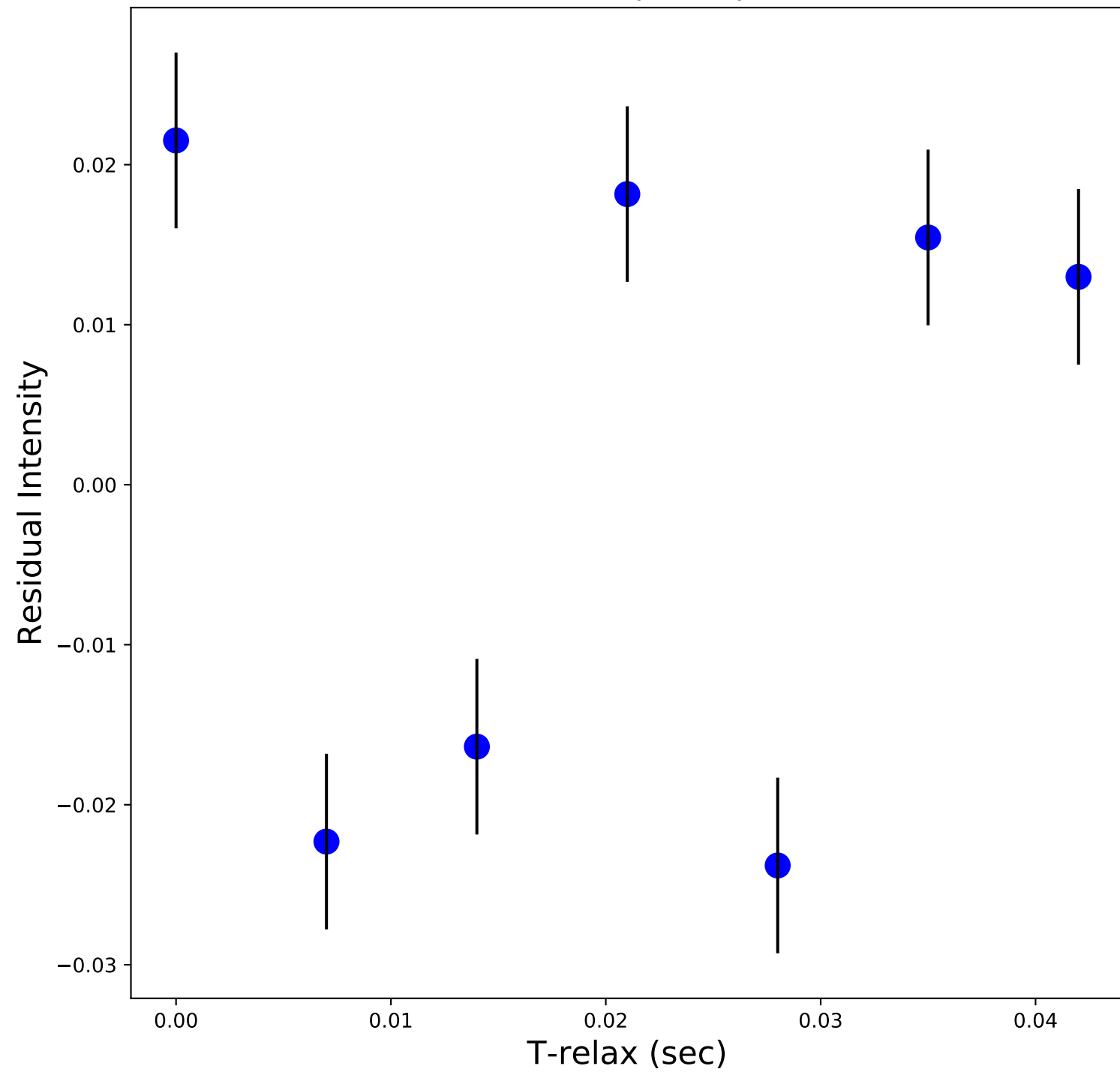
$R_{1\rho} \, 26.03 \pm 0.66 \, s^{-1} \, | \, \omega_1 \, 100 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, \overline{\chi}^2 = 1.56$
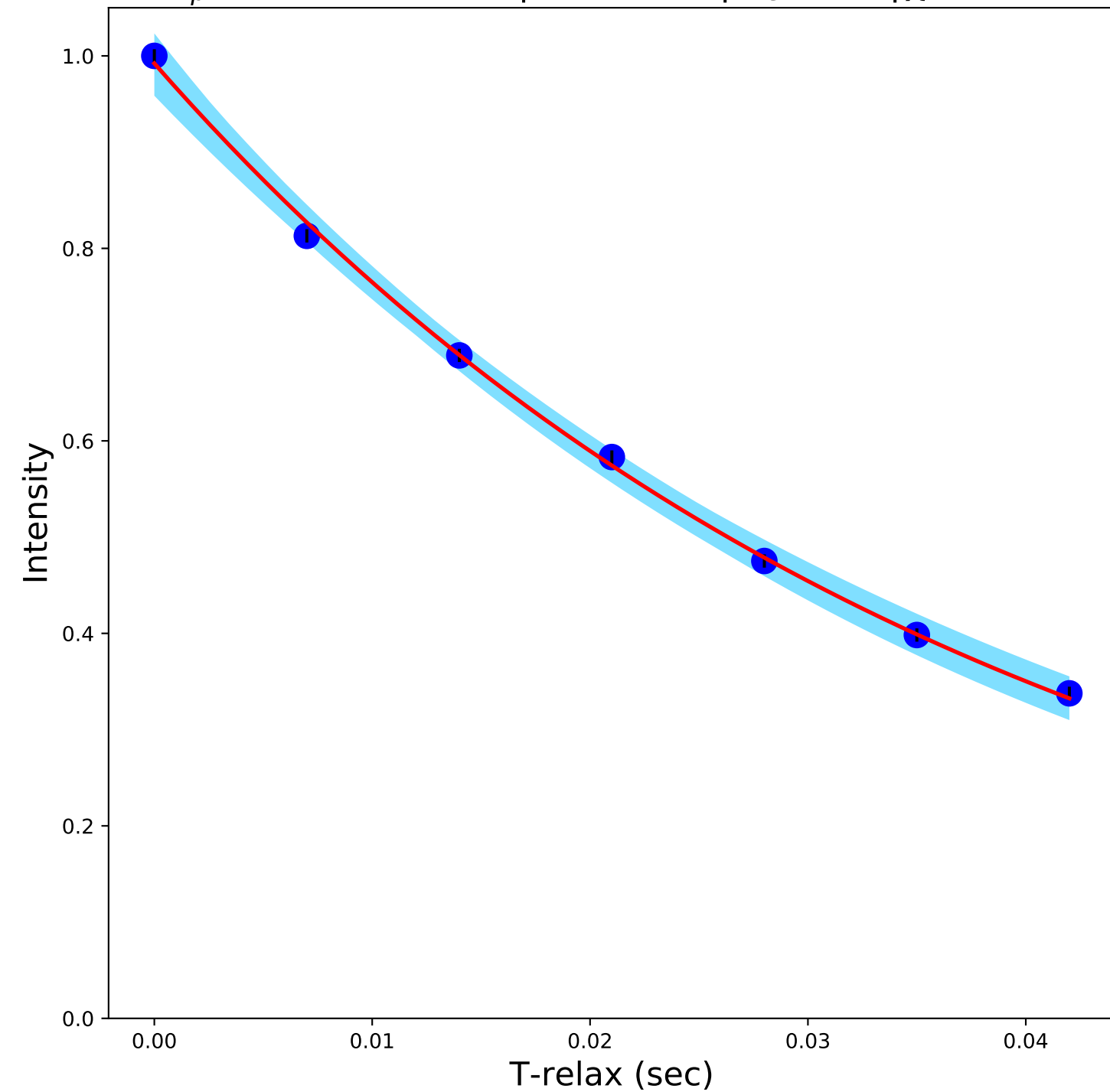
Folder (1401)
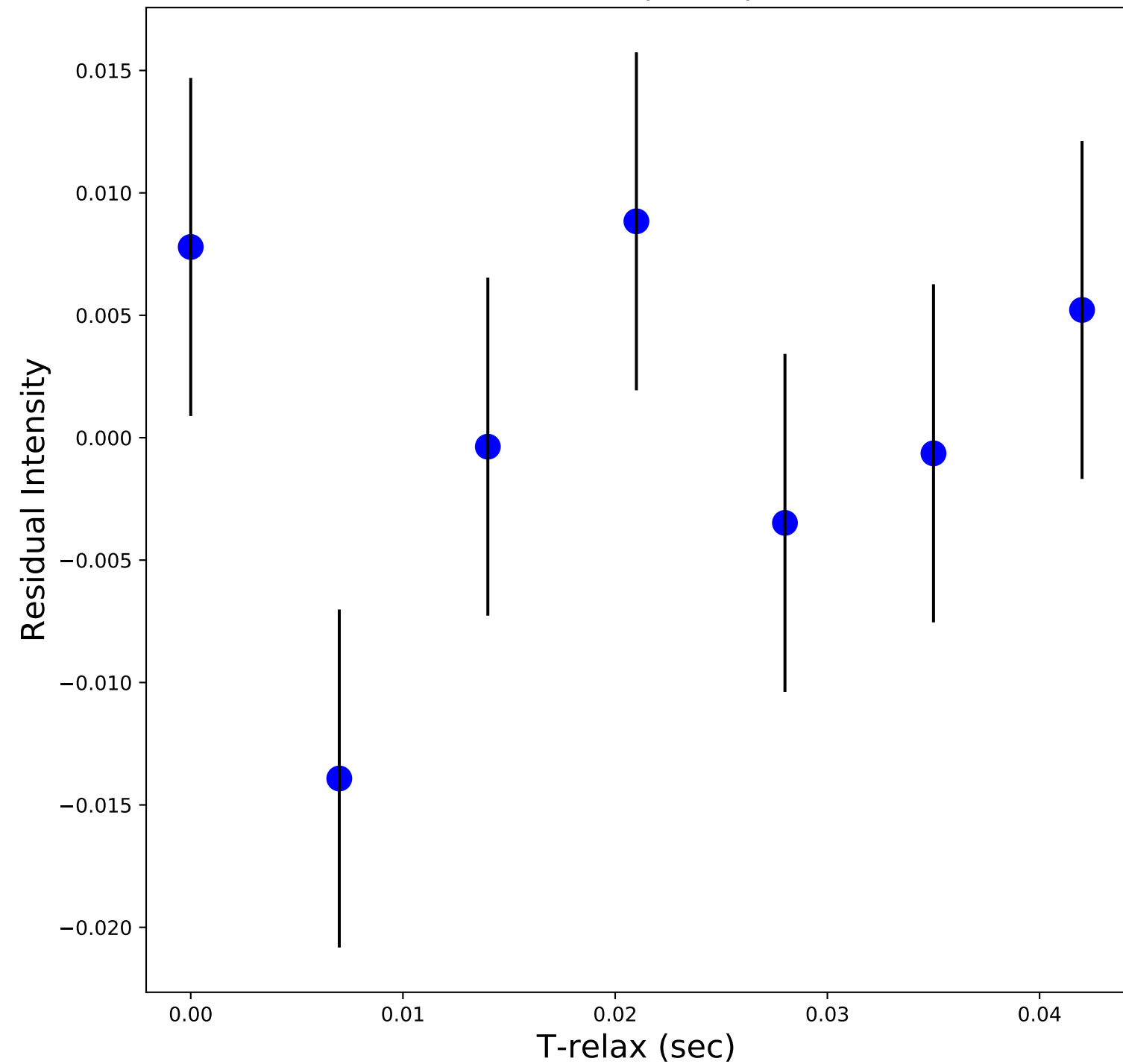
$R_{1\rho} \, 25.4 \pm 0.67 \, s^{-1} \, | \, \omega_1 \, 150 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, \overline{\chi}^2 = 0.38$
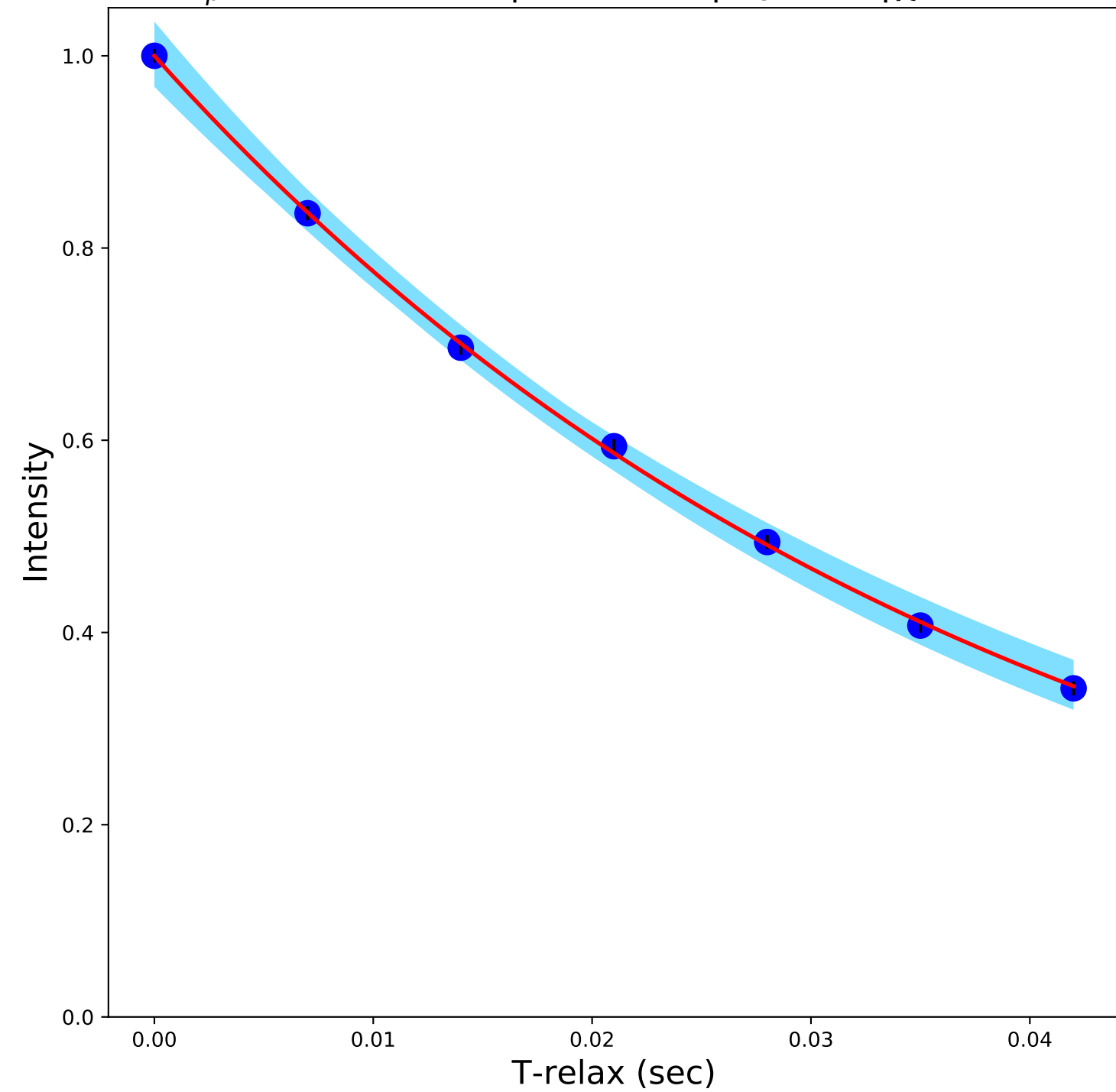
Folder (1402)
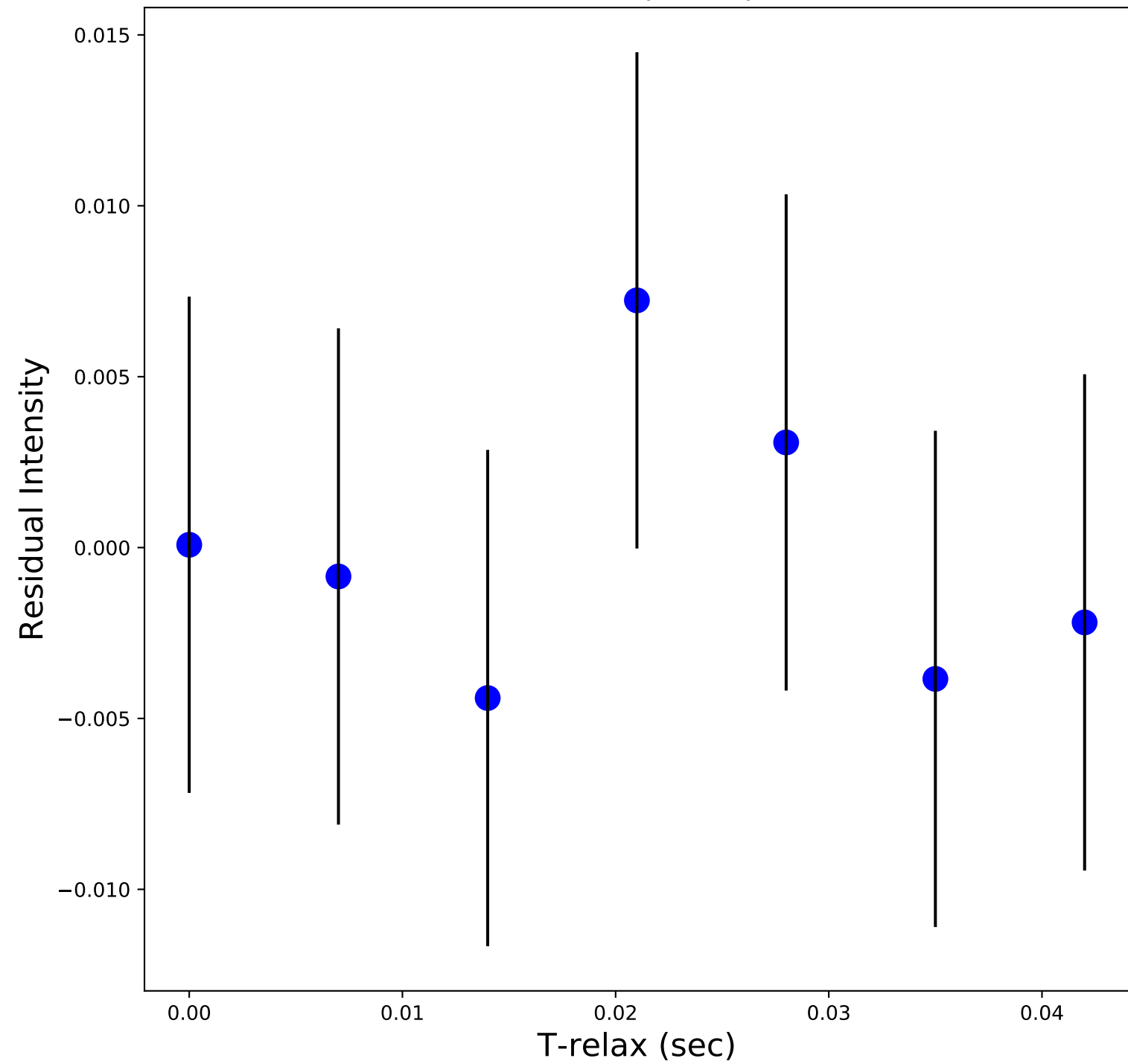
$R_{1\rho}\,24.87\pm0.77\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2=0.44$
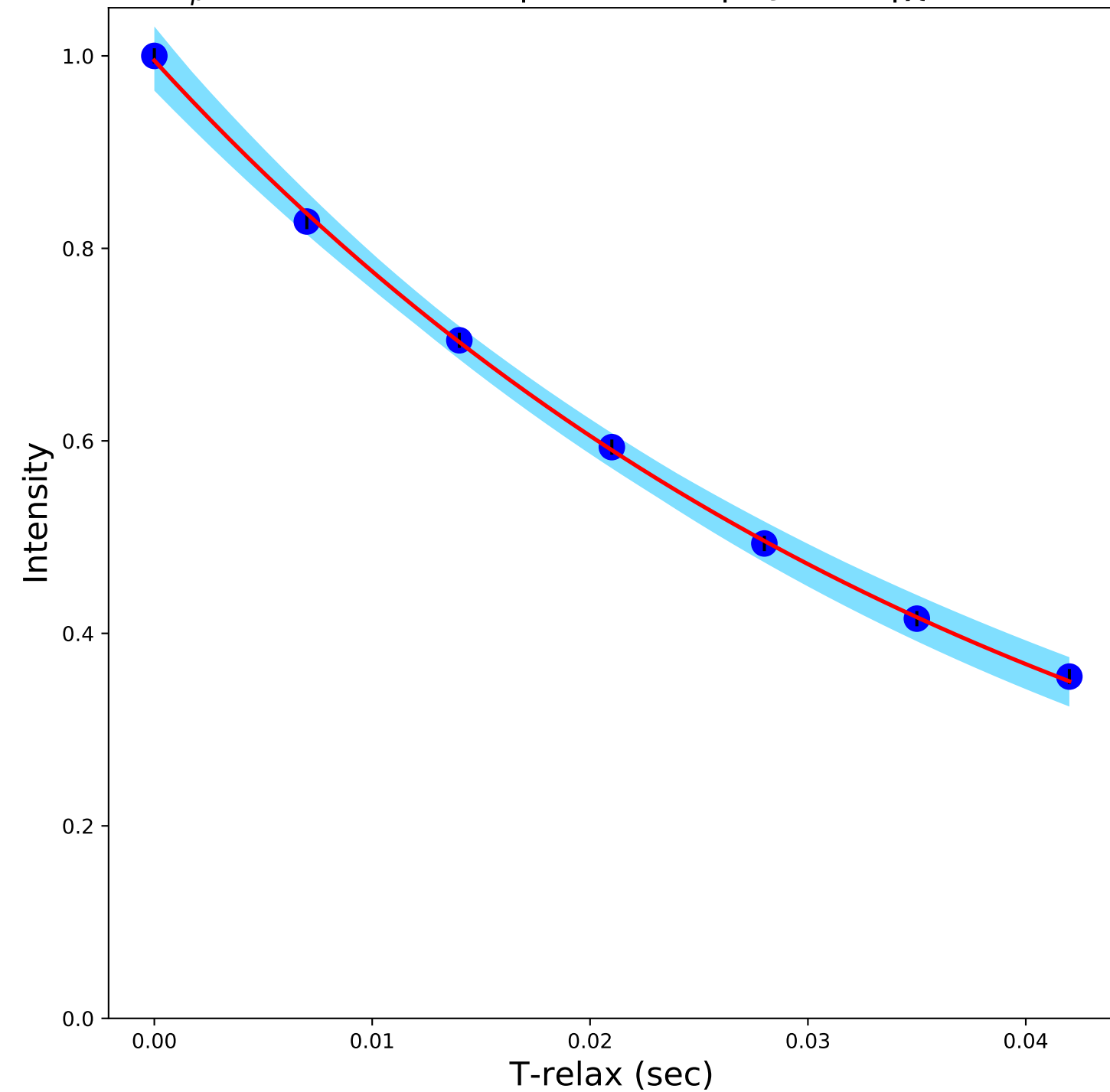
Folder (1403)
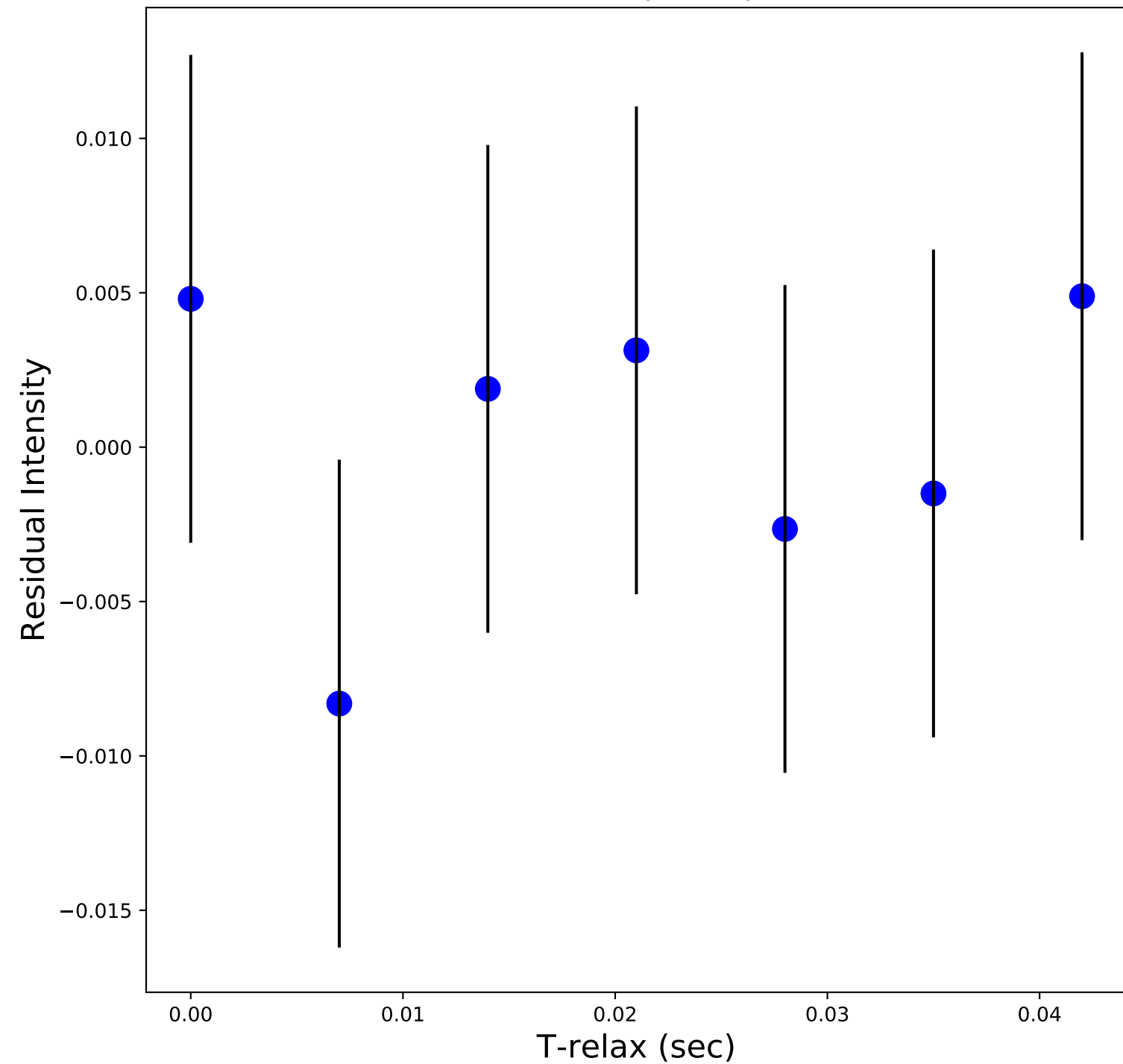
$R_{1\rho}\,24.47 \pm 0.69\,s^{-1}\,|\,\omega_1\,250\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 1.0$
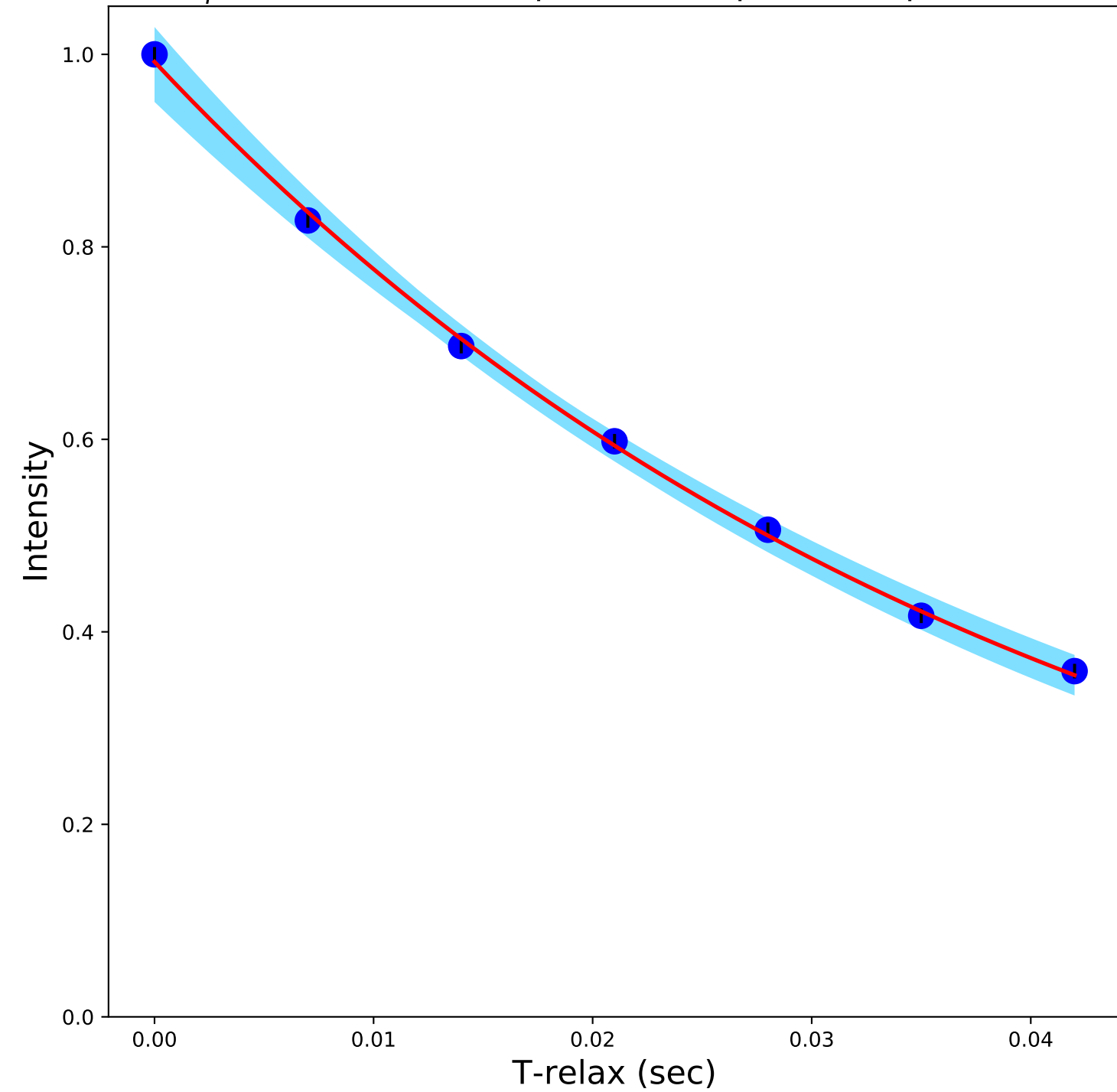
Folder (1404)
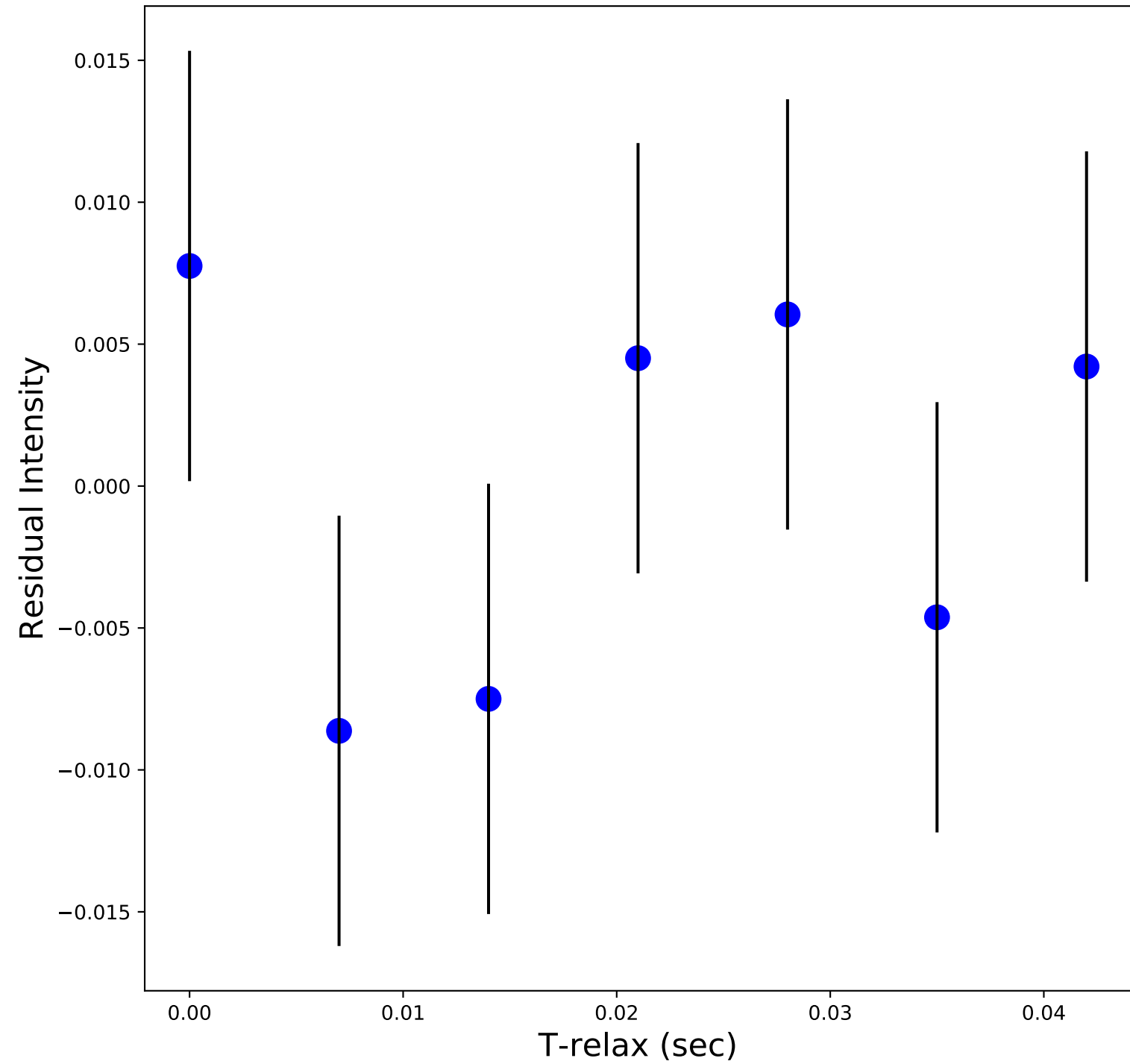
$R_{1\rho} 23.7 \pm 0.68 \, s^{-1} \, | \, \omega_1 \, 300 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, \overline{\chi}^2 = 0.25$
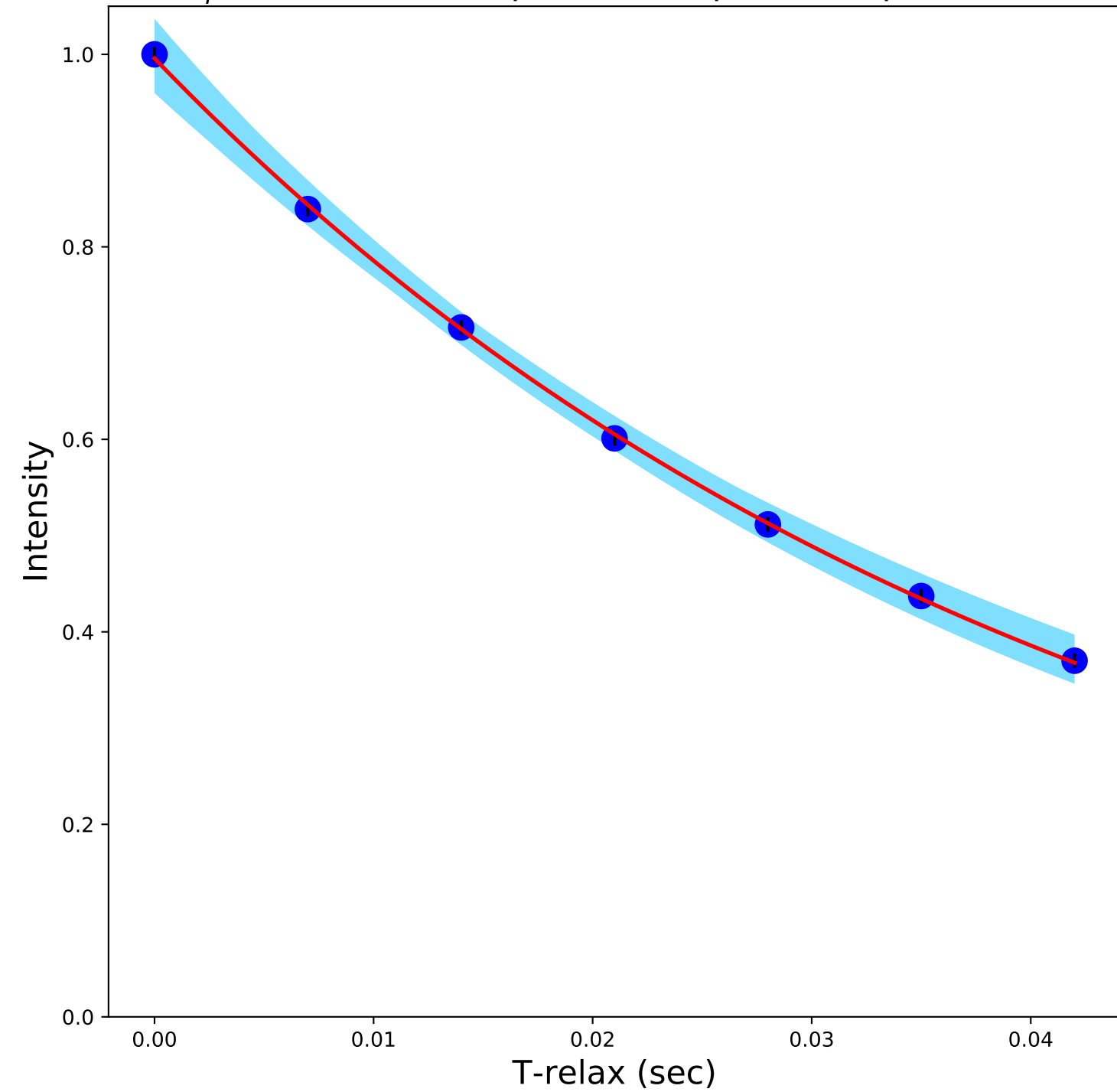
Folder (1405)
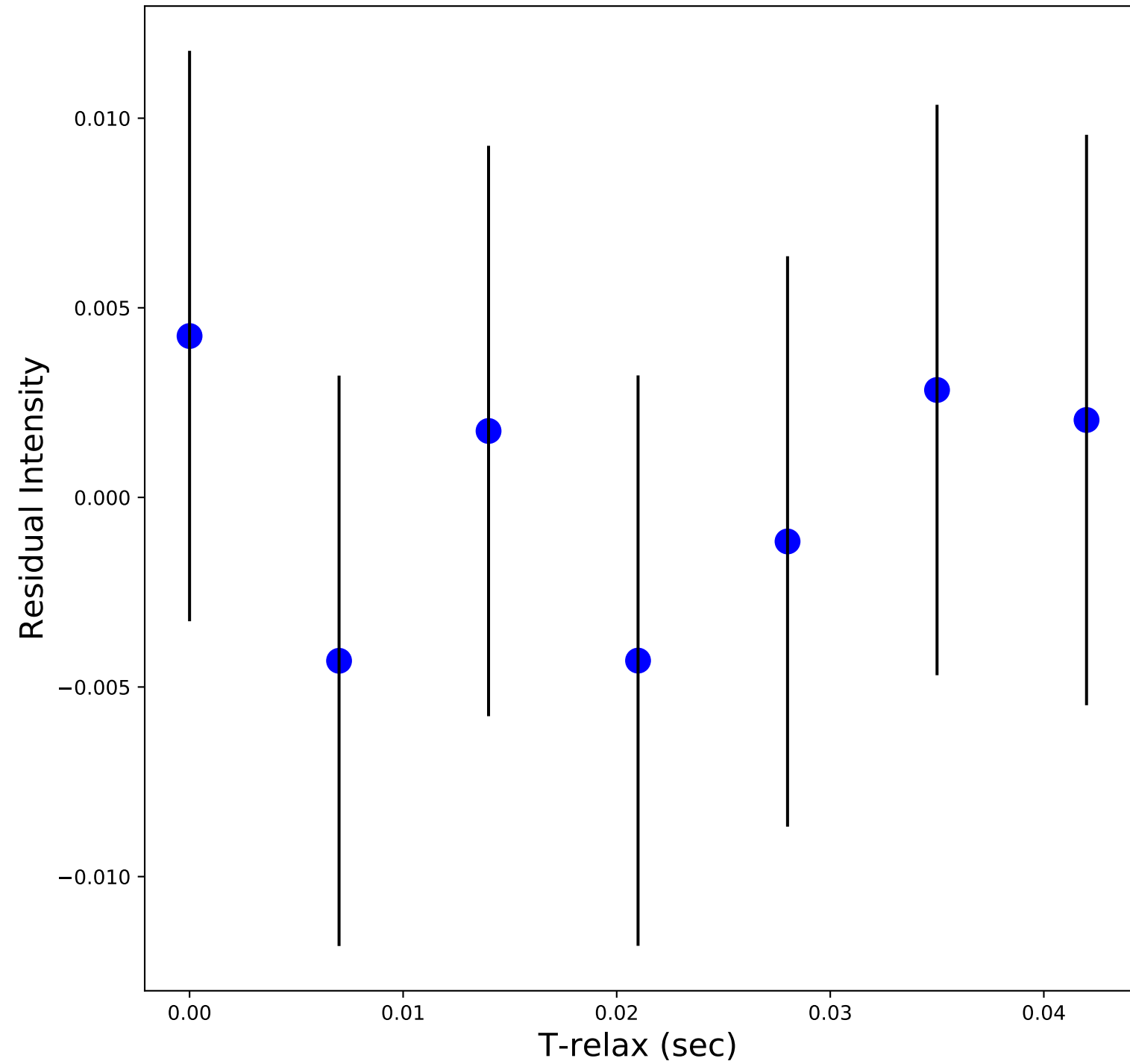
$R_{1\rho}\,22.9 \pm 0.65\,s^{-1}\,|\,\omega_1\,400\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 1.08$
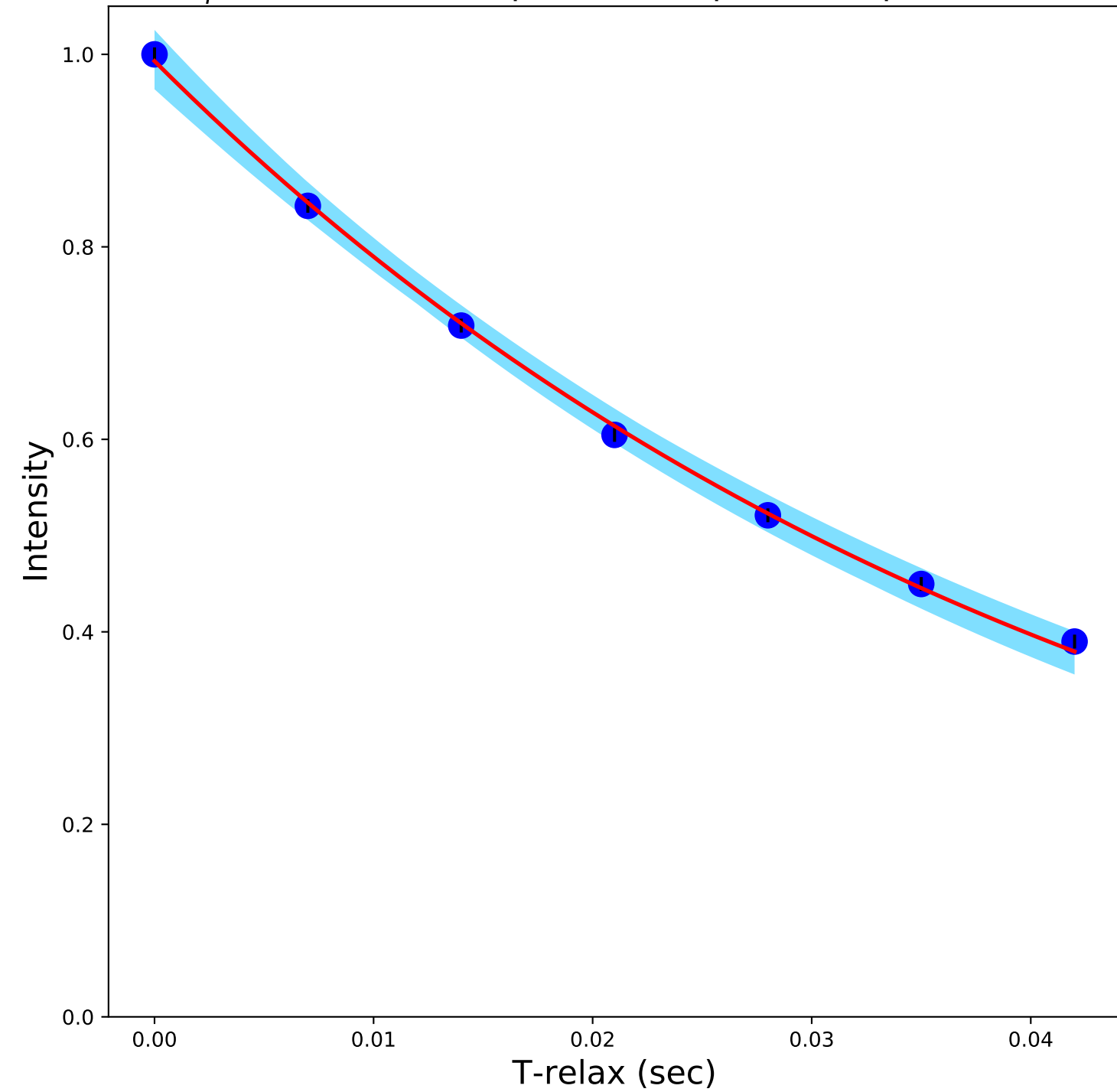
Folder (1406)
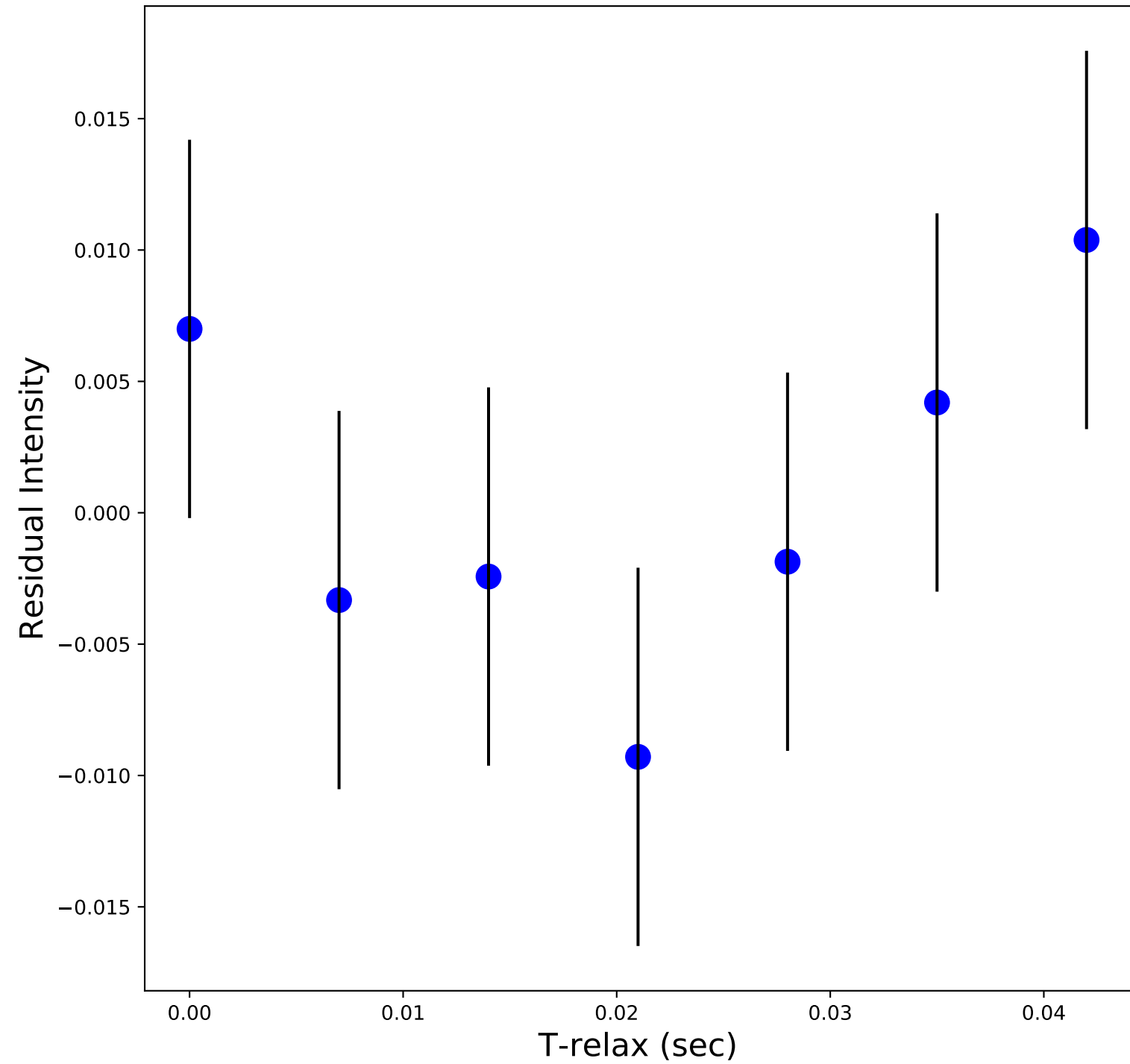
Left panel title: $R_{1\rho}\,22.5 \pm 0.6\,s^{-1}\,|\,\omega_1\,500\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 0.62$

Left panel: Intensity vs T-relax (sec)

Right panel title: Folder (1407)

Right panel: Residual Intensity vs T-relax (sec)
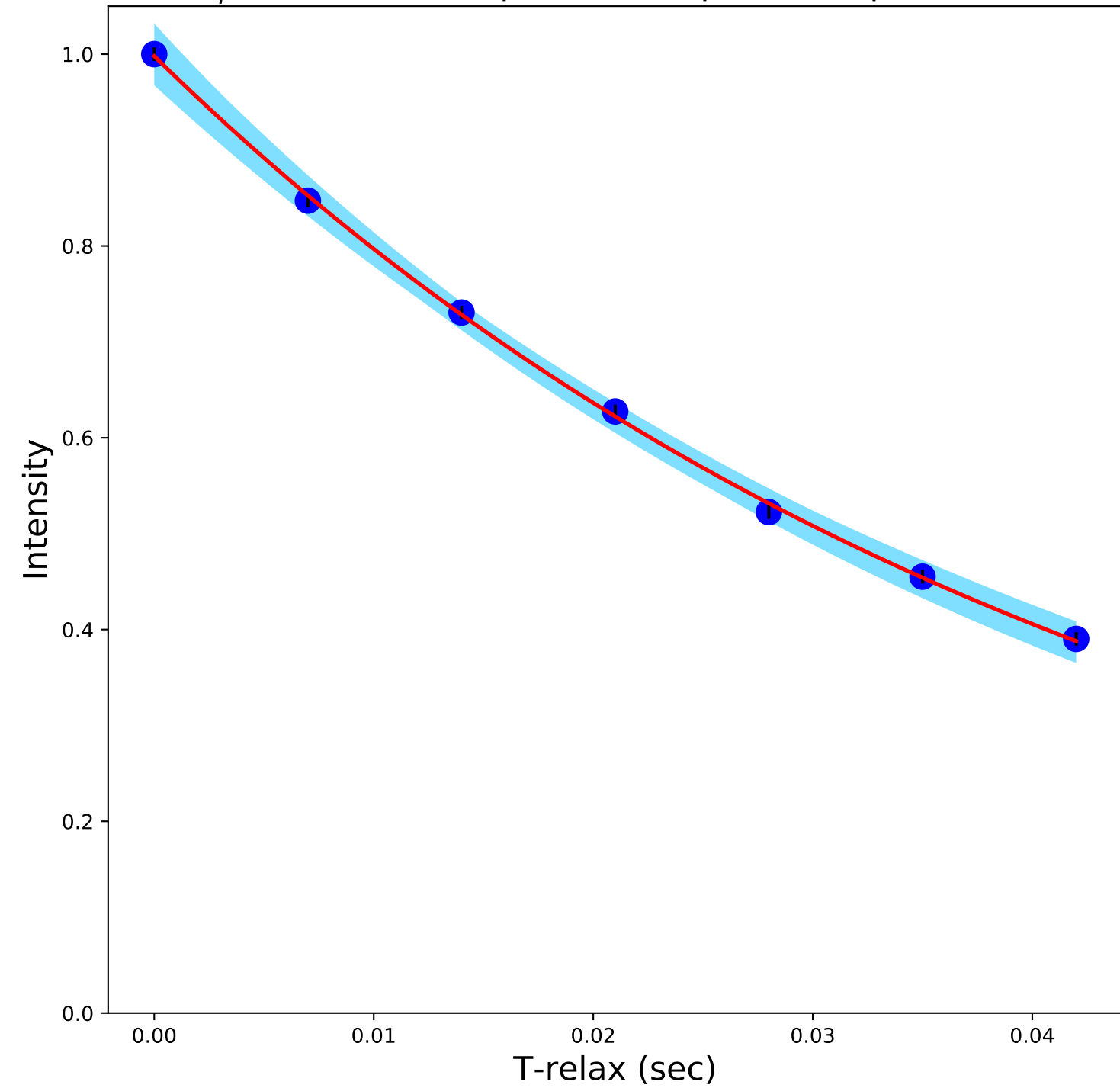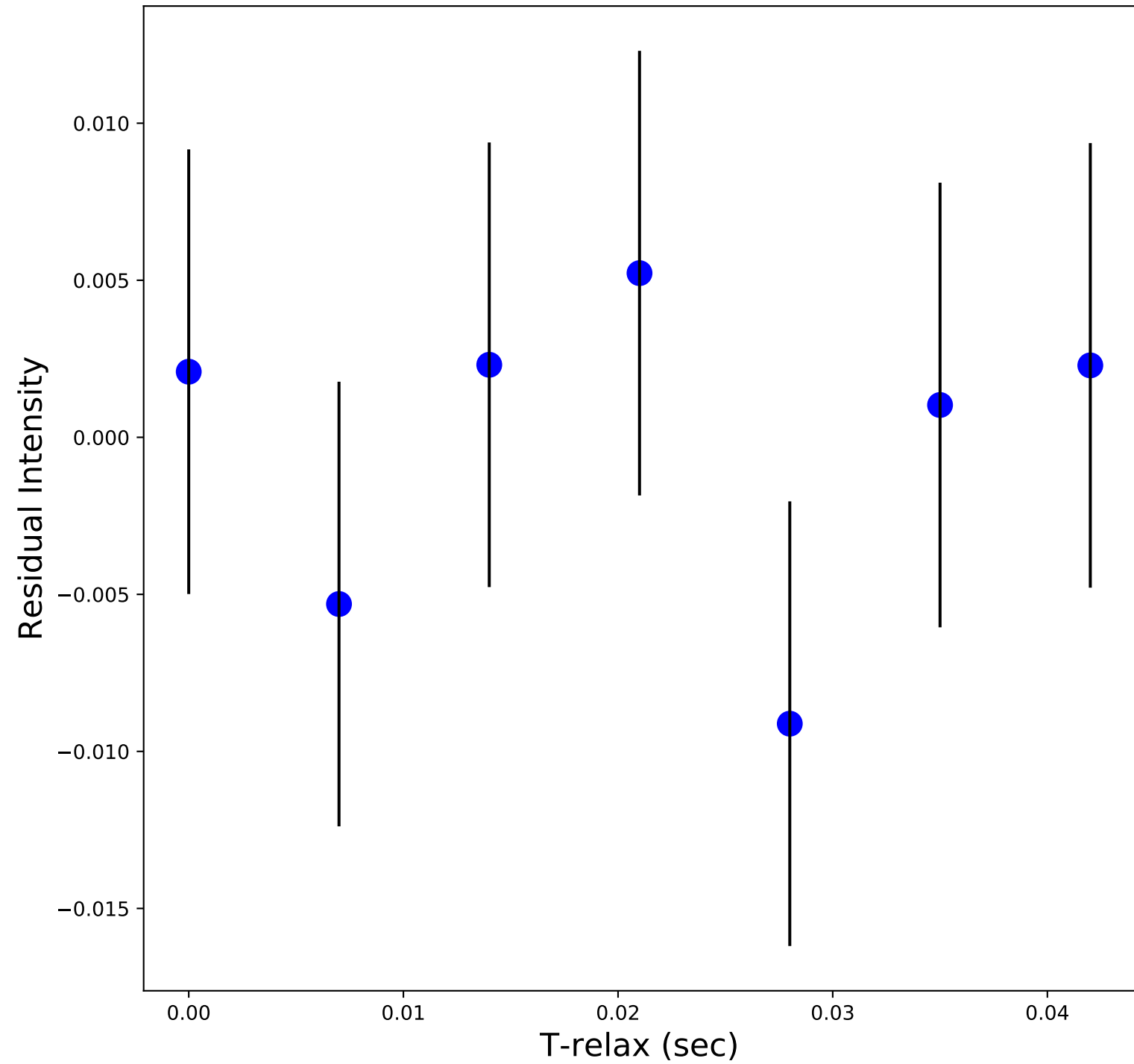
$R_{1\rho}\,22.31 \pm 0.67\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 0.29$
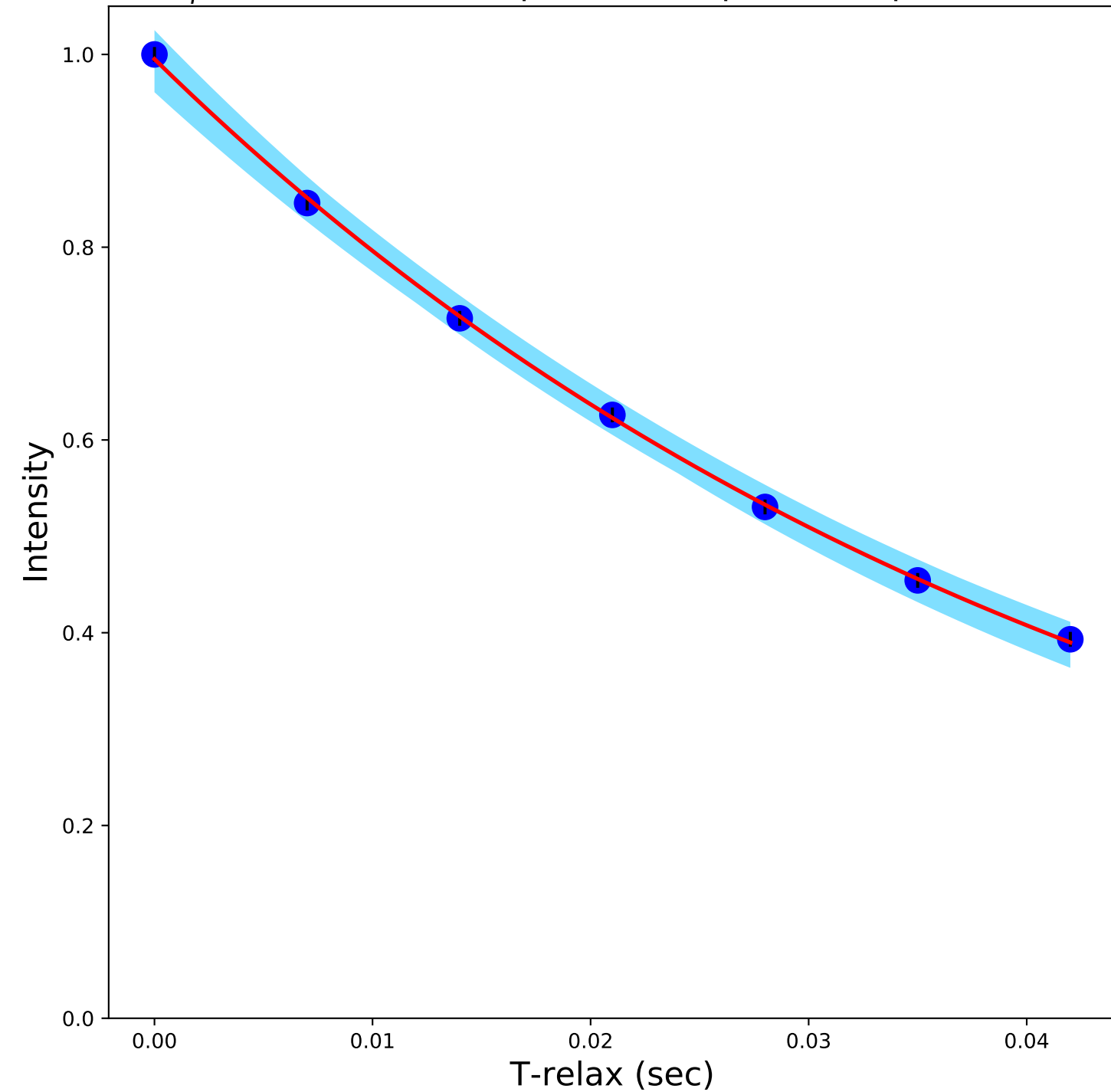
Folder (1408)
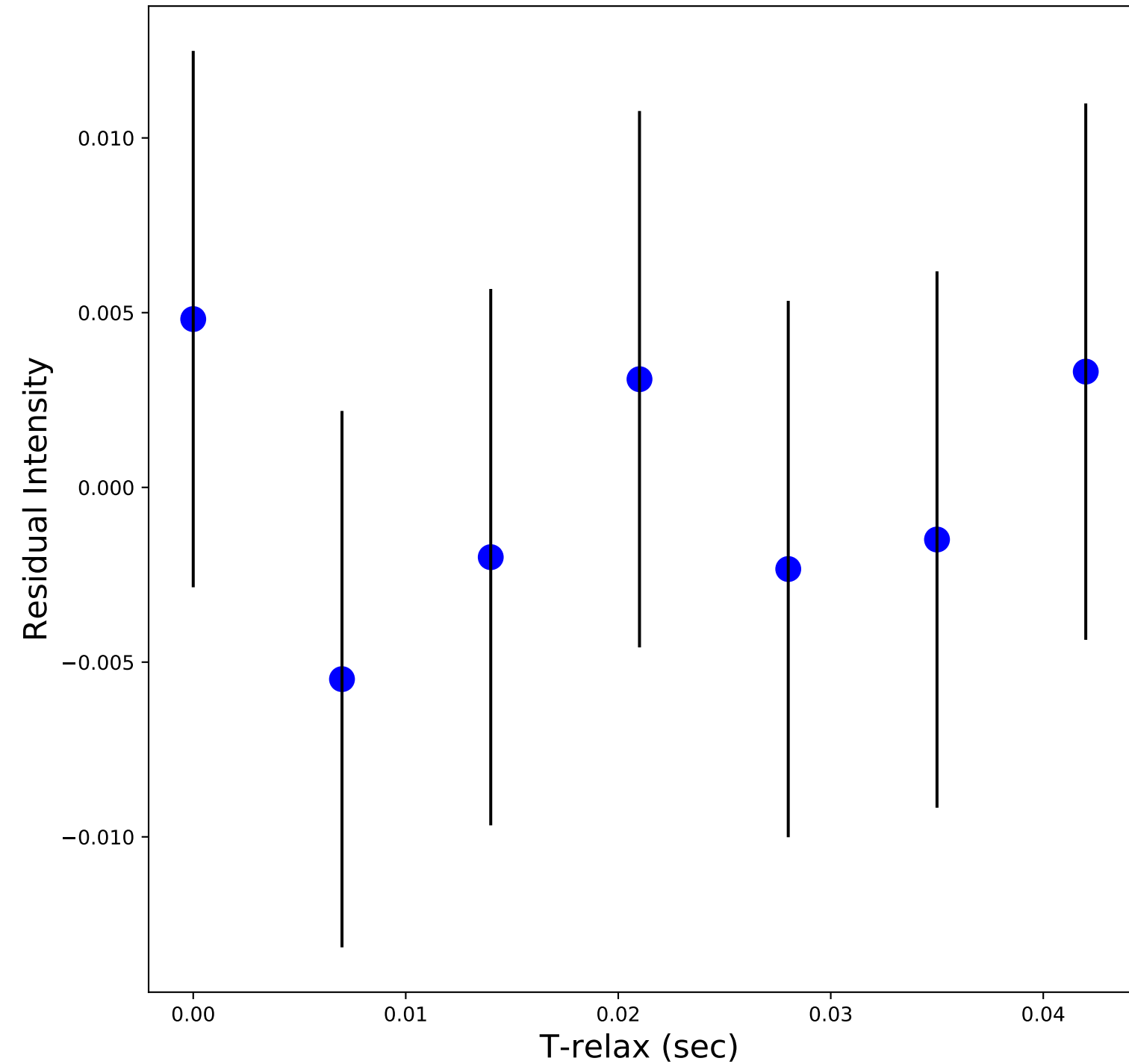
$R_{1\rho} 21.71 \pm 0.5\, s^{-1}\,|\,\omega_1\, 700\, Hz\,|\,\Omega_{eff}\, 0\, Hz\,|\,\overline{\chi}^2 = 0.26$
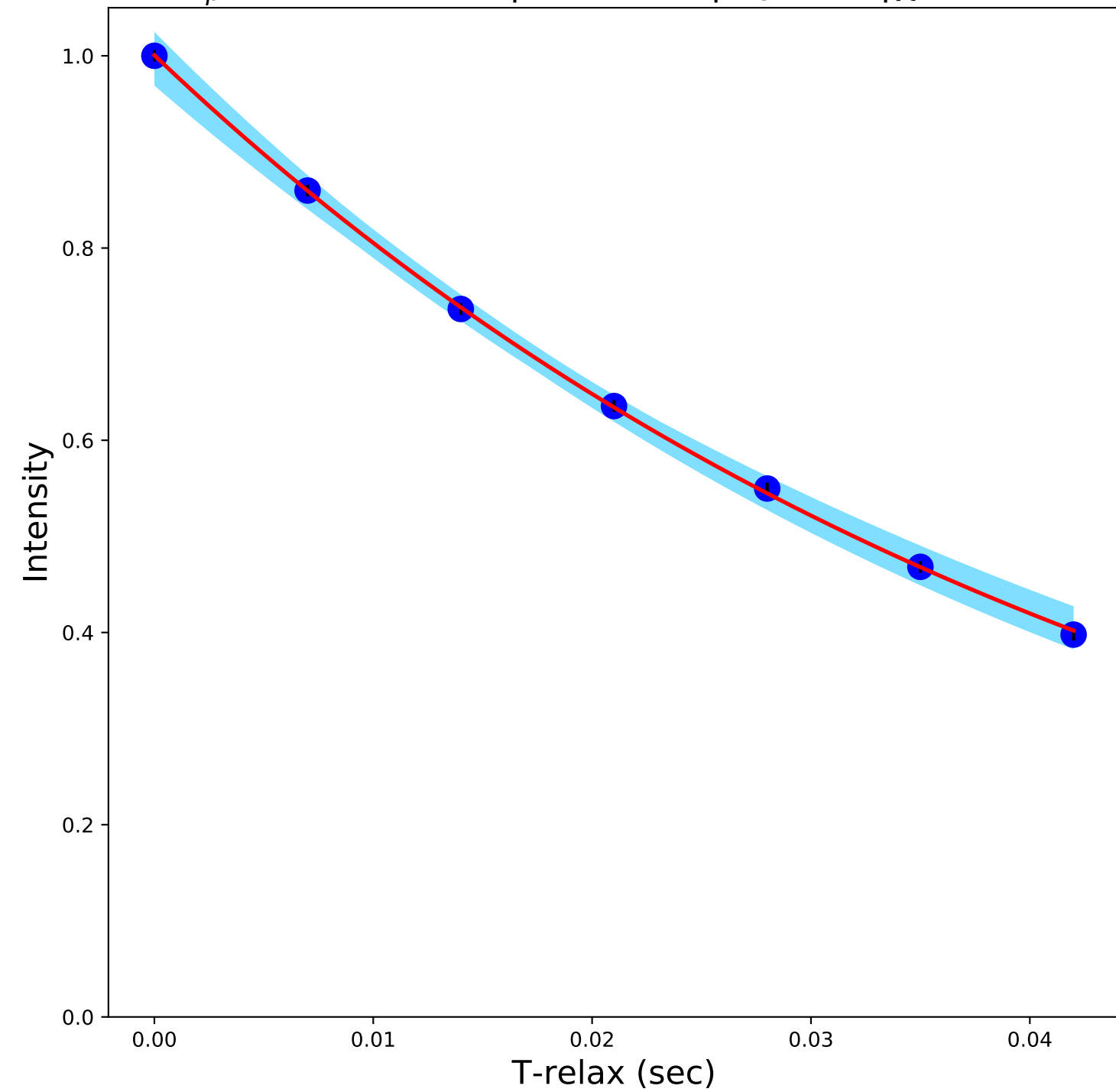
Folder (1409)
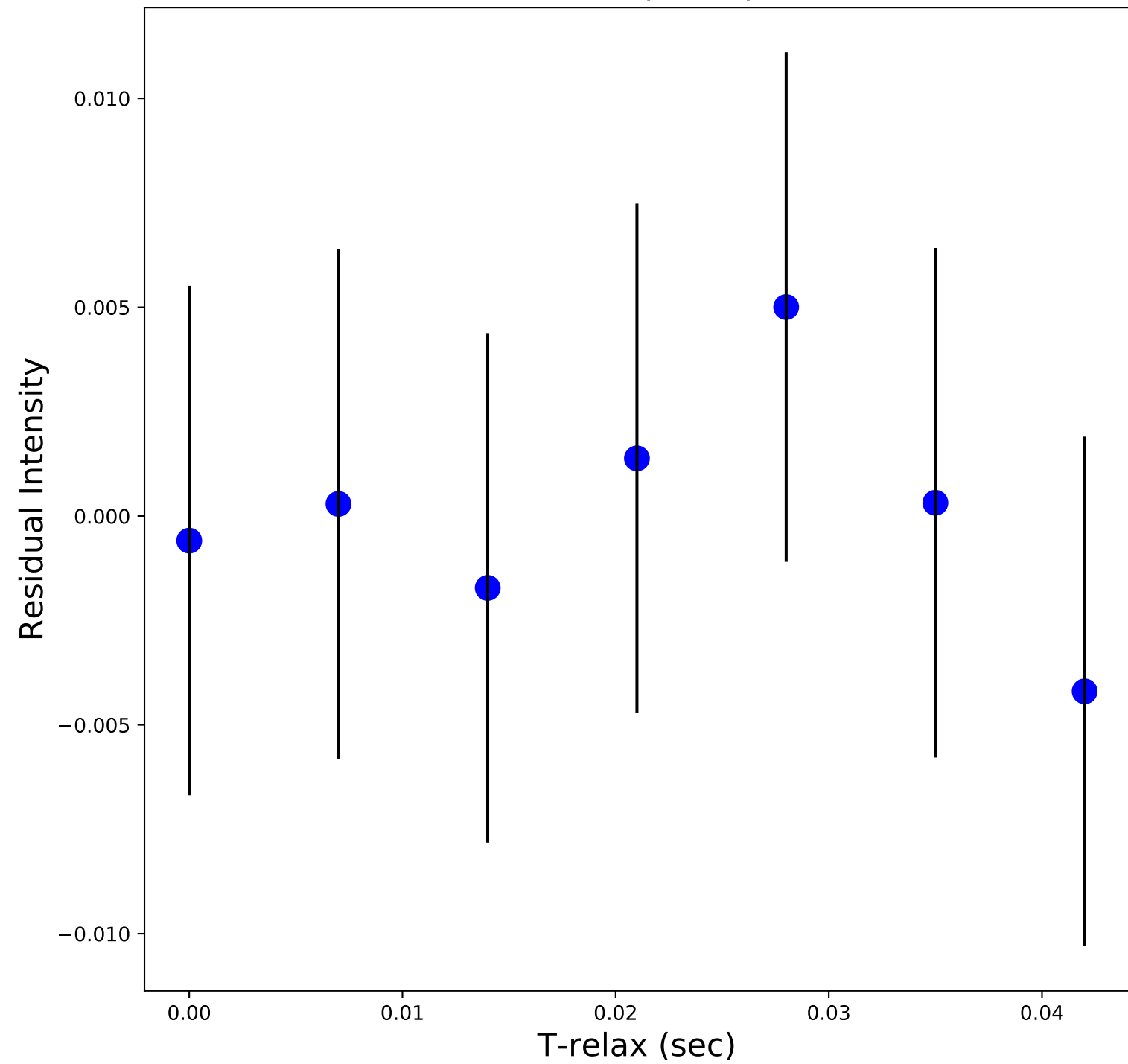
$R_{1\rho} \, 21.53 \pm 0.76 \, s^{-1} \, | \, \omega_1 \, 900 \, Hz \, | \, \Omega_{eff} \, 0 \, Hz \, | \, \overline{\chi}^2 = 0.3$
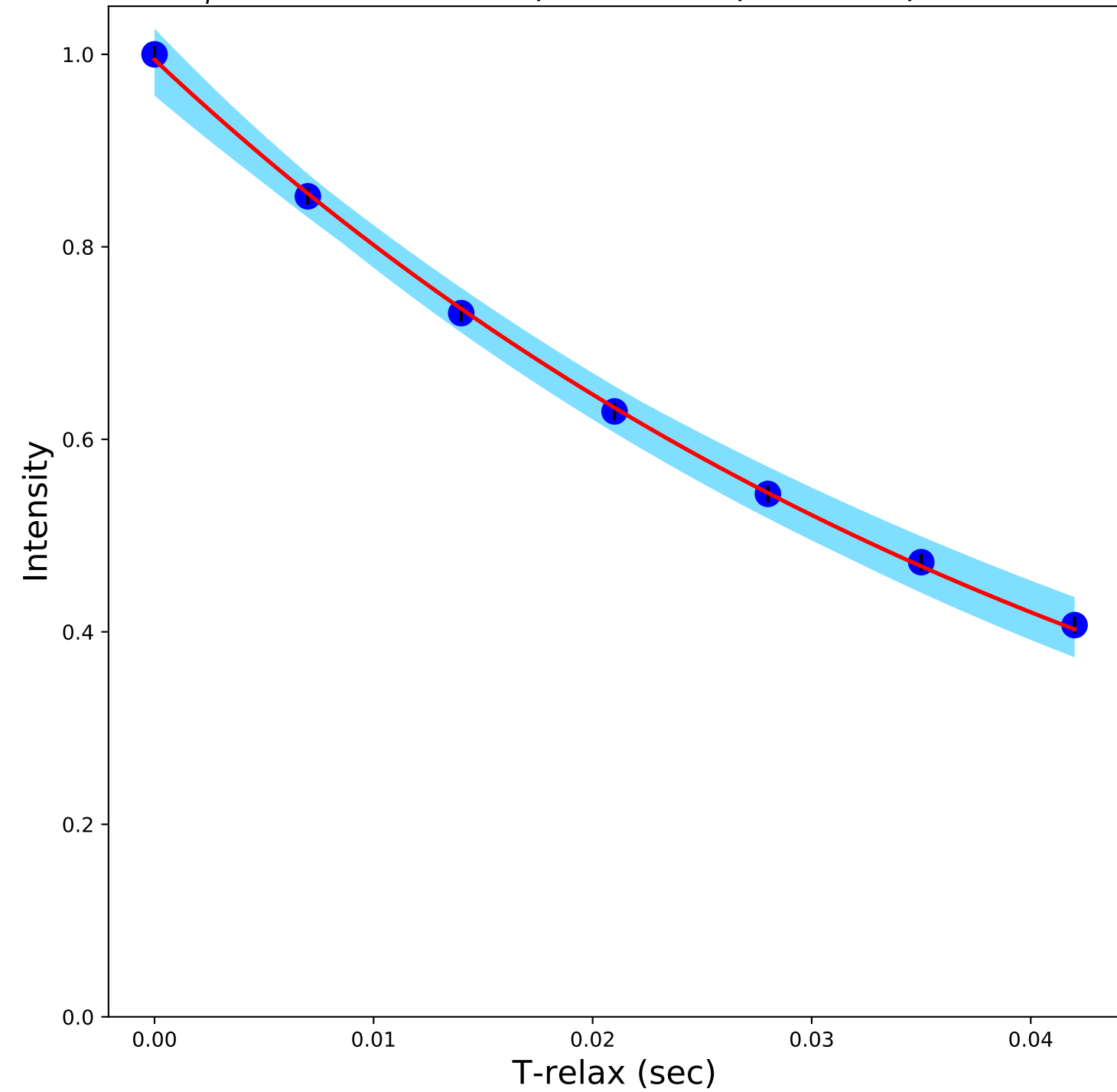
Folder (1410)
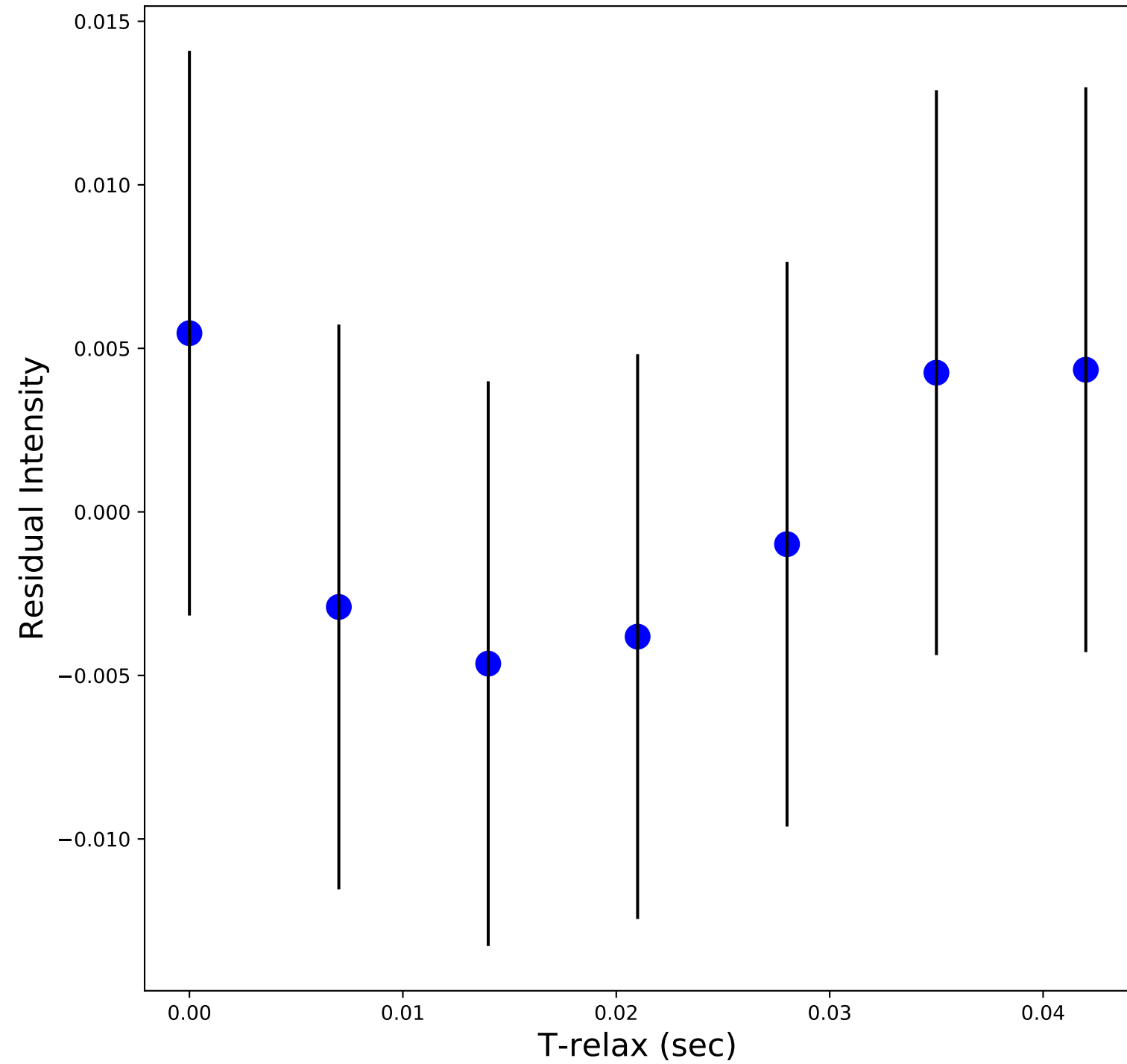
$R_{1\rho}\,21.31 \pm 0.69\,s^{-1}\,|\,\omega_1\,1000\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 0.2$
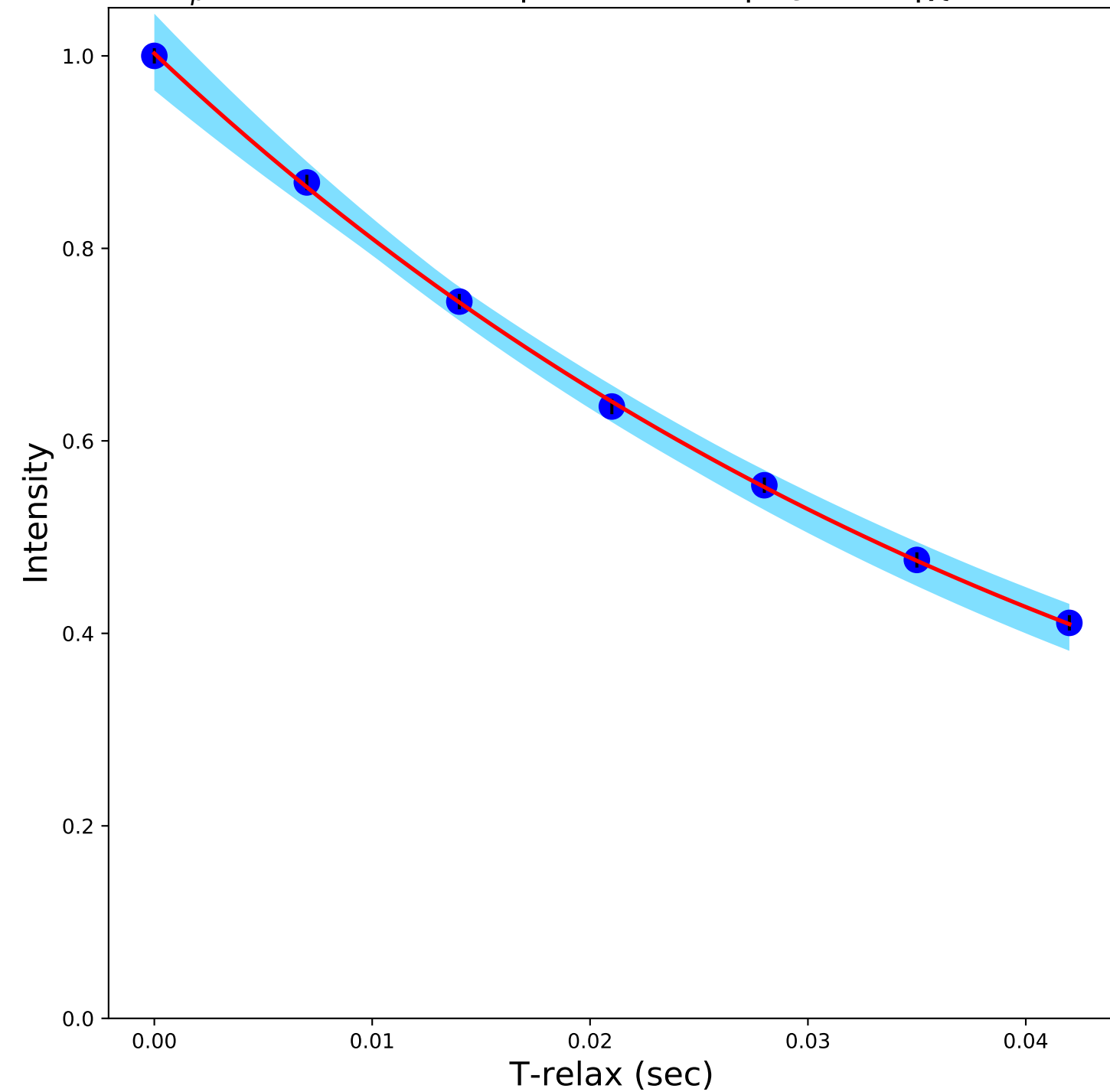
Folder (1411)
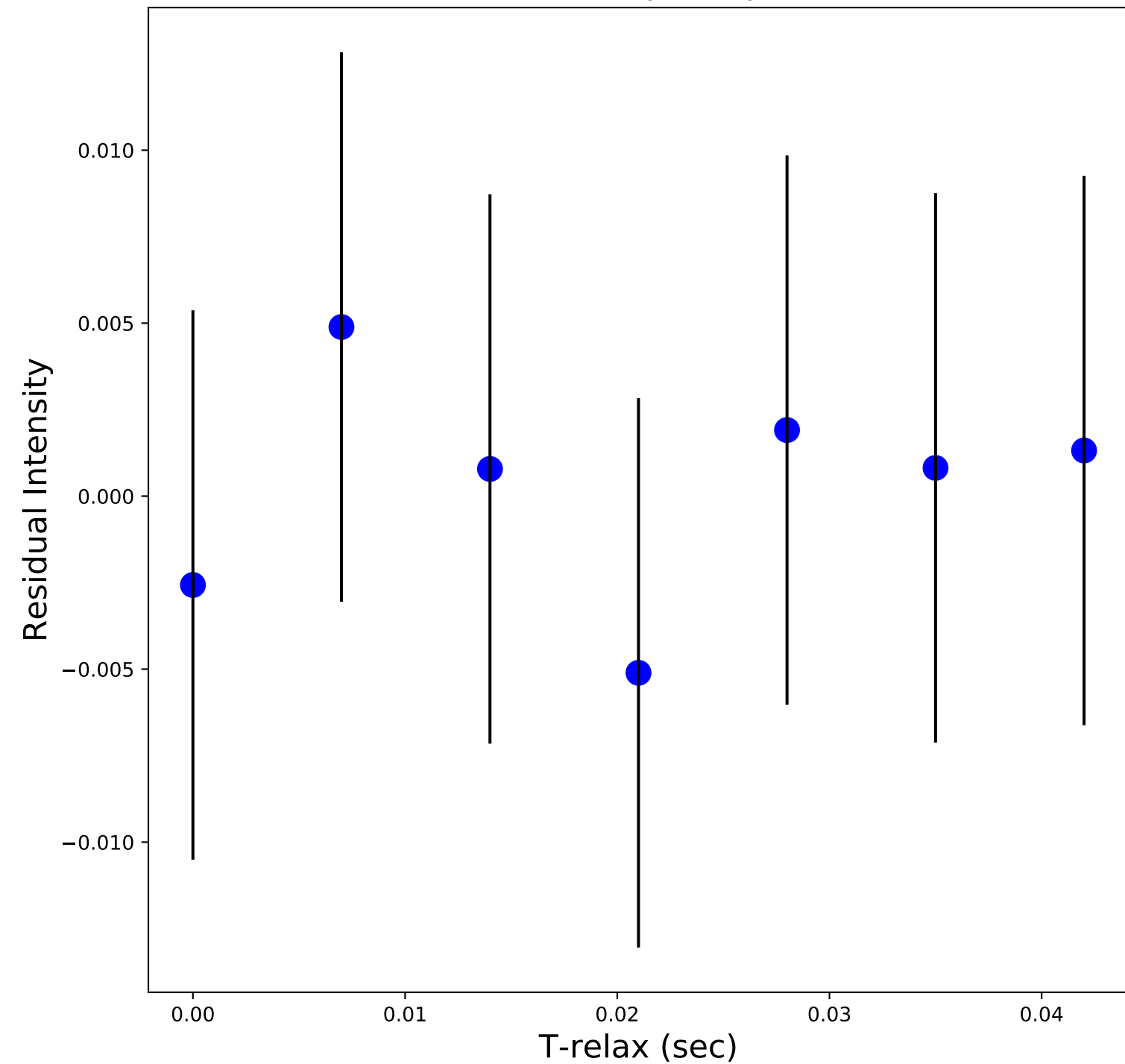
$R_{1\rho}\,20.26 \pm 0.6\,s^{-1}\,|\,\omega_1\,1200\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 0.22$
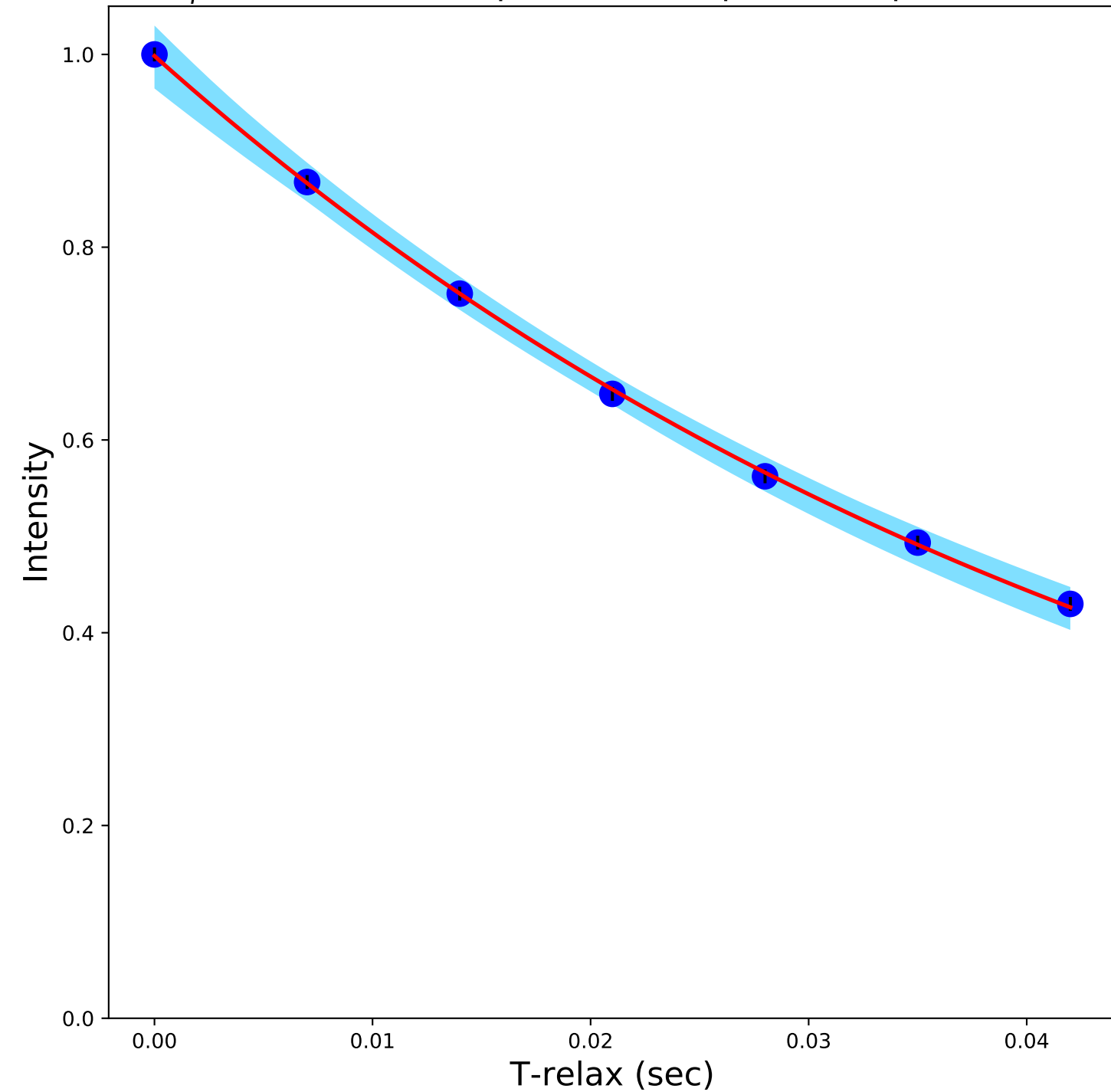
Folder (1412)
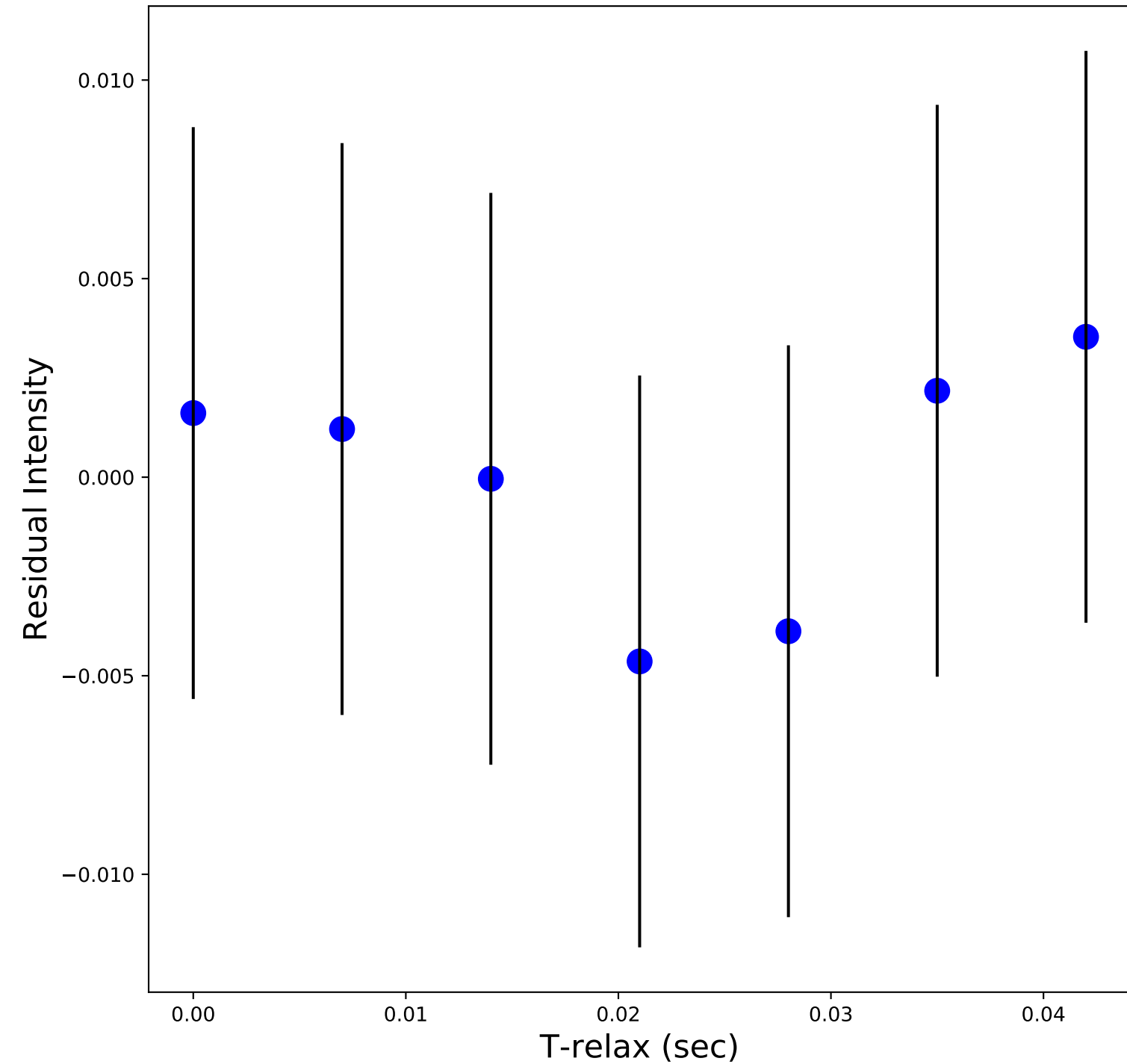
$R_{1\rho}\, 20.41 \pm 0.59\, s^{-1} \,|\, \omega_1\, 1400\, Hz \,|\, \Omega_{eff}\, 0\, Hz \,|\, \overline{\chi}^2 = 0.78$
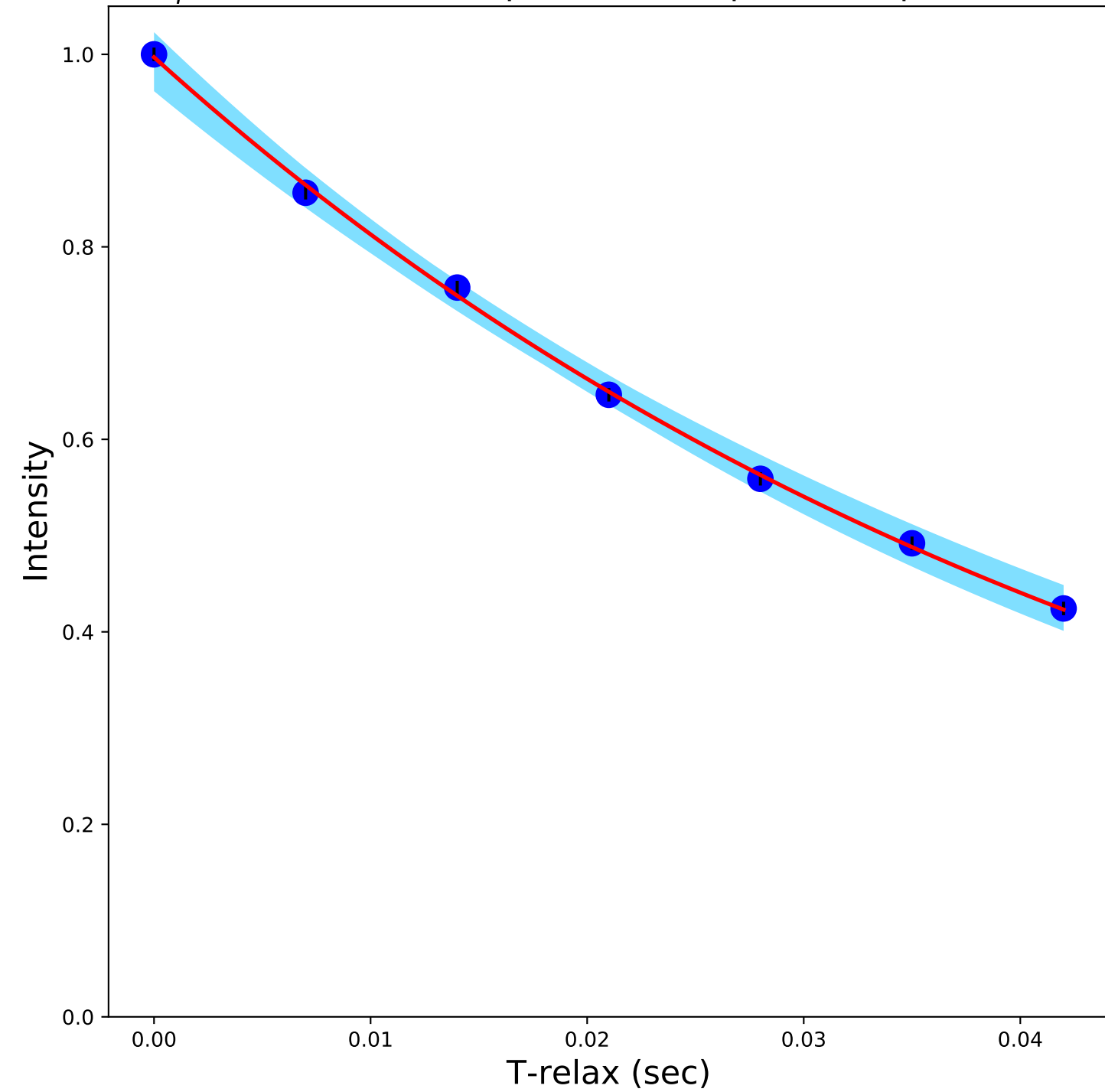
Folder (1413)
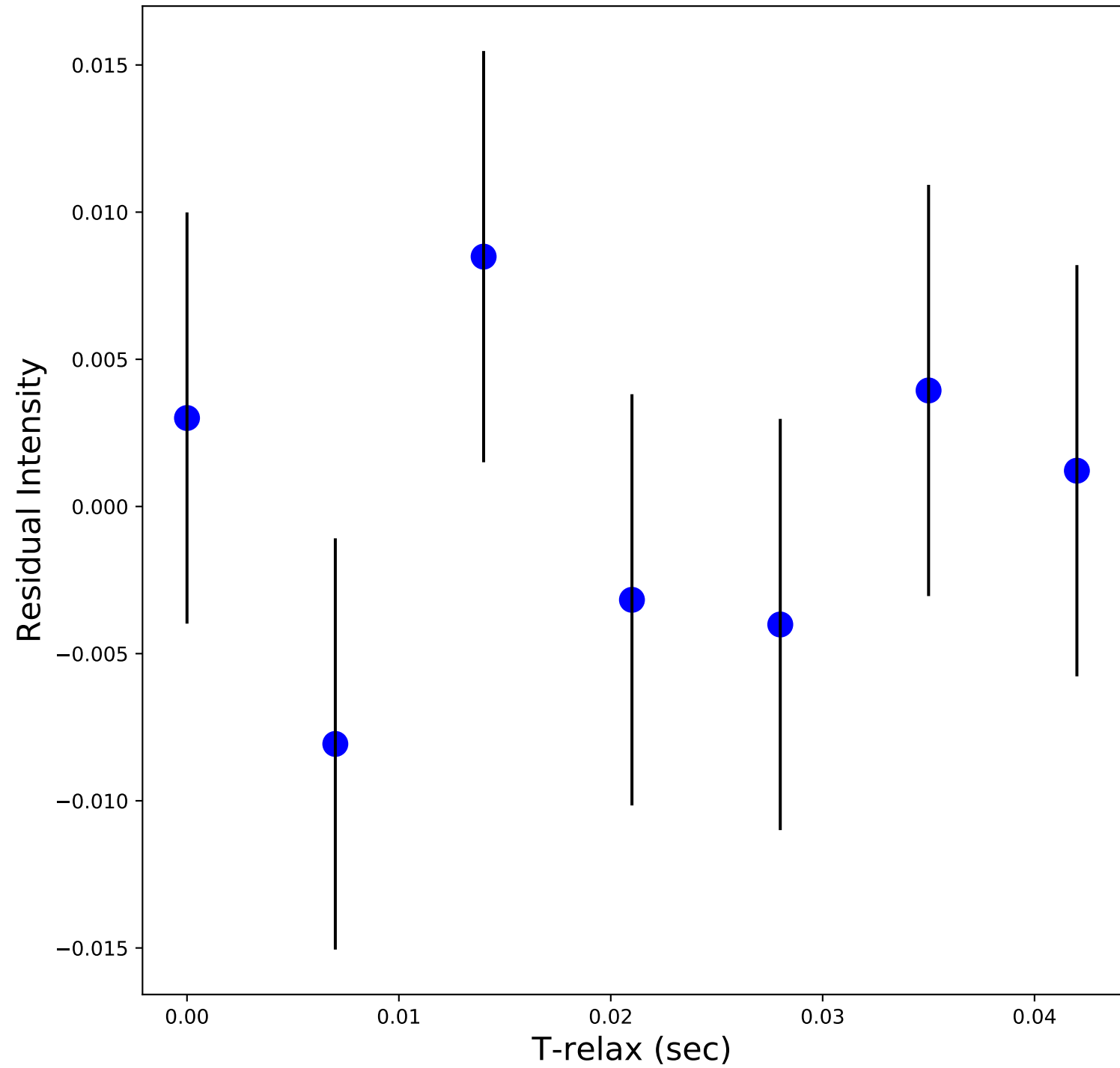
$R_{1\rho}\,19.94 \pm 0.53\,s^{-1}\,|\,\omega_1\,1600\,Hz\,|\,\Omega_{eff}\,0\,Hz\,|\,\overline{\chi}^2 = 0.53$
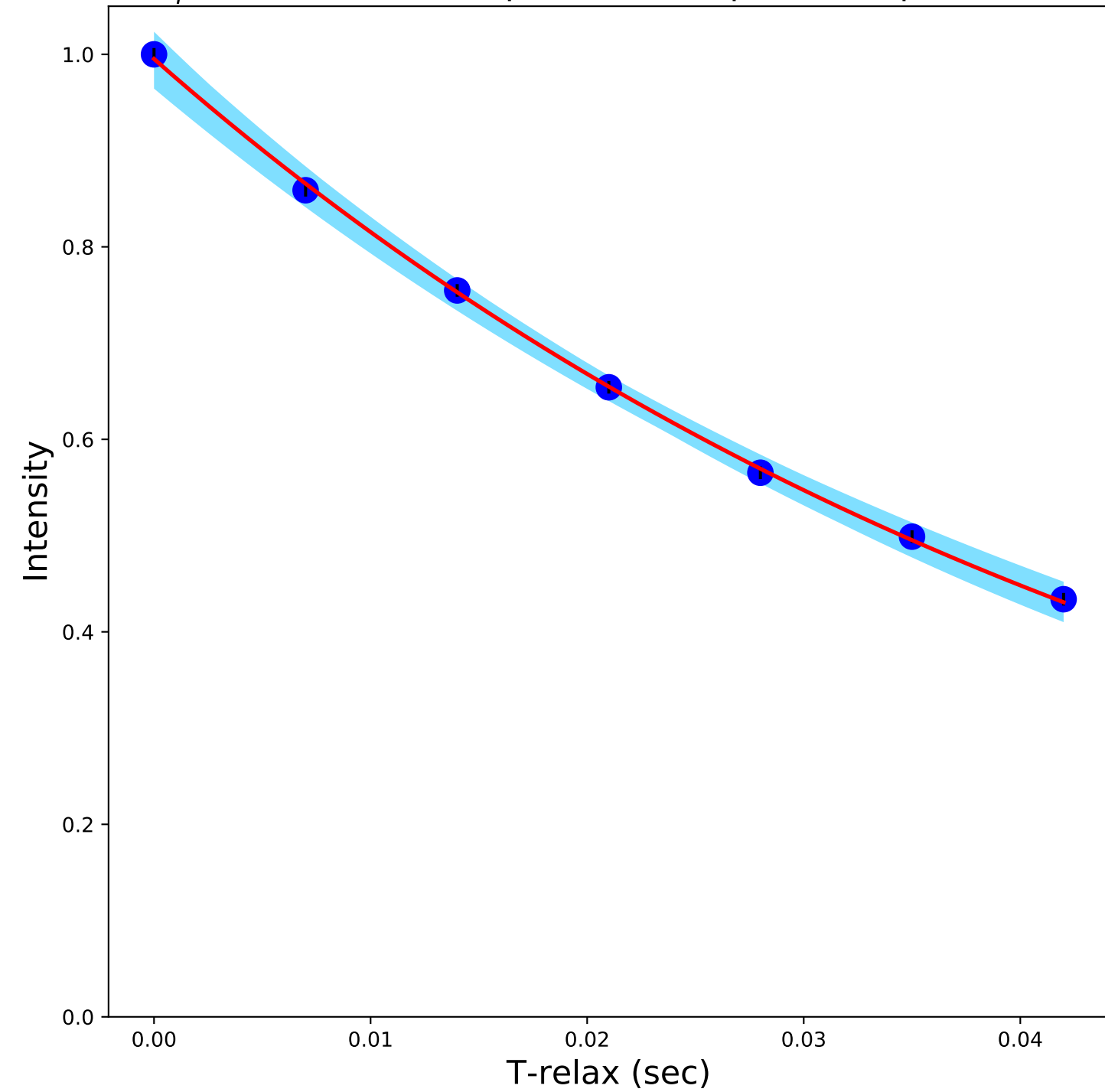
Folder (1414)
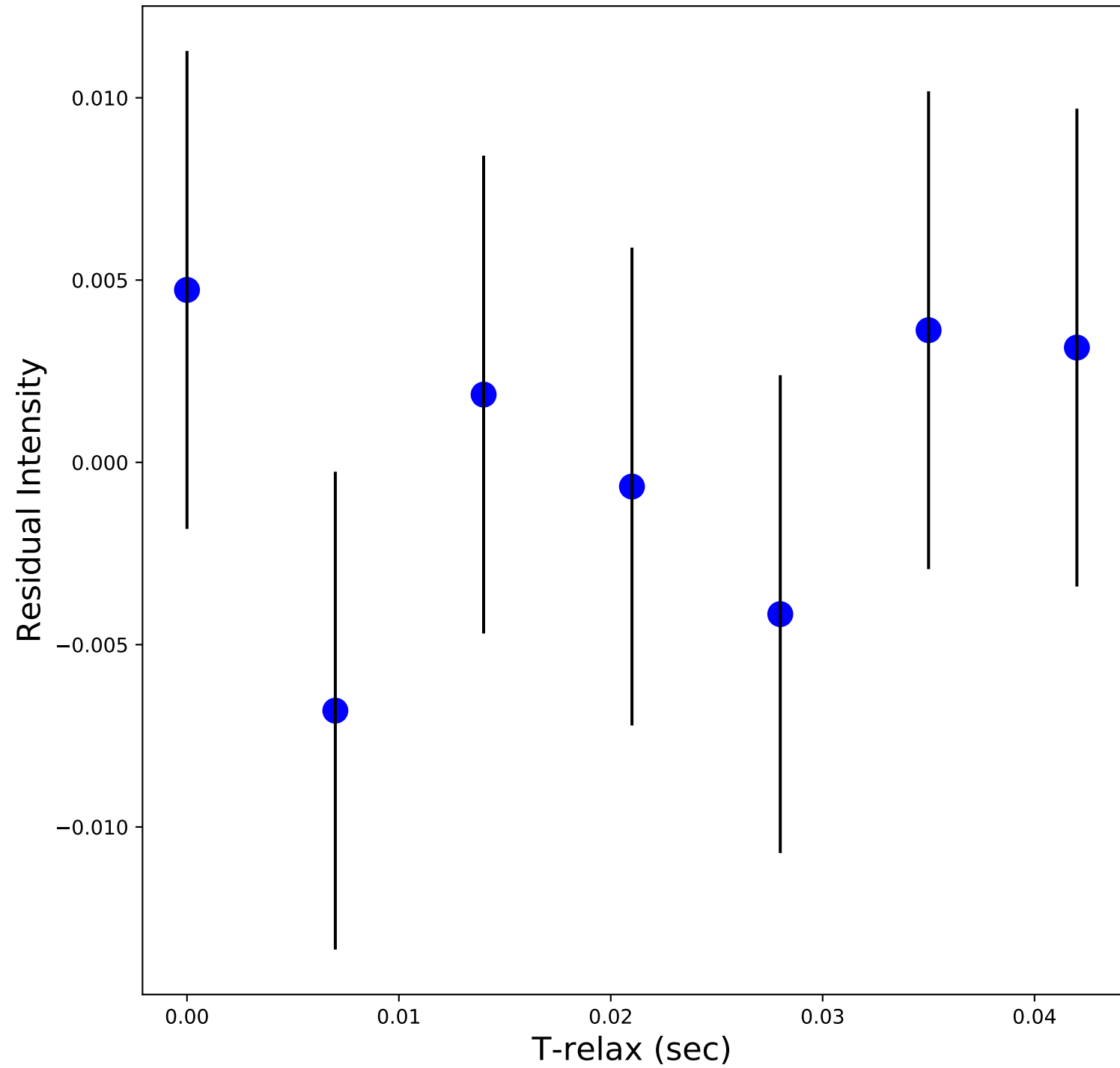
$R_{1\rho}\, 19.82 \pm 0.57\, s^{-1} \,|\, \omega_1\, 2000\, Hz \,|\, \Omega_{eff}\, 0\, Hz \,|\, \overline{\chi}^2 = 0.77$
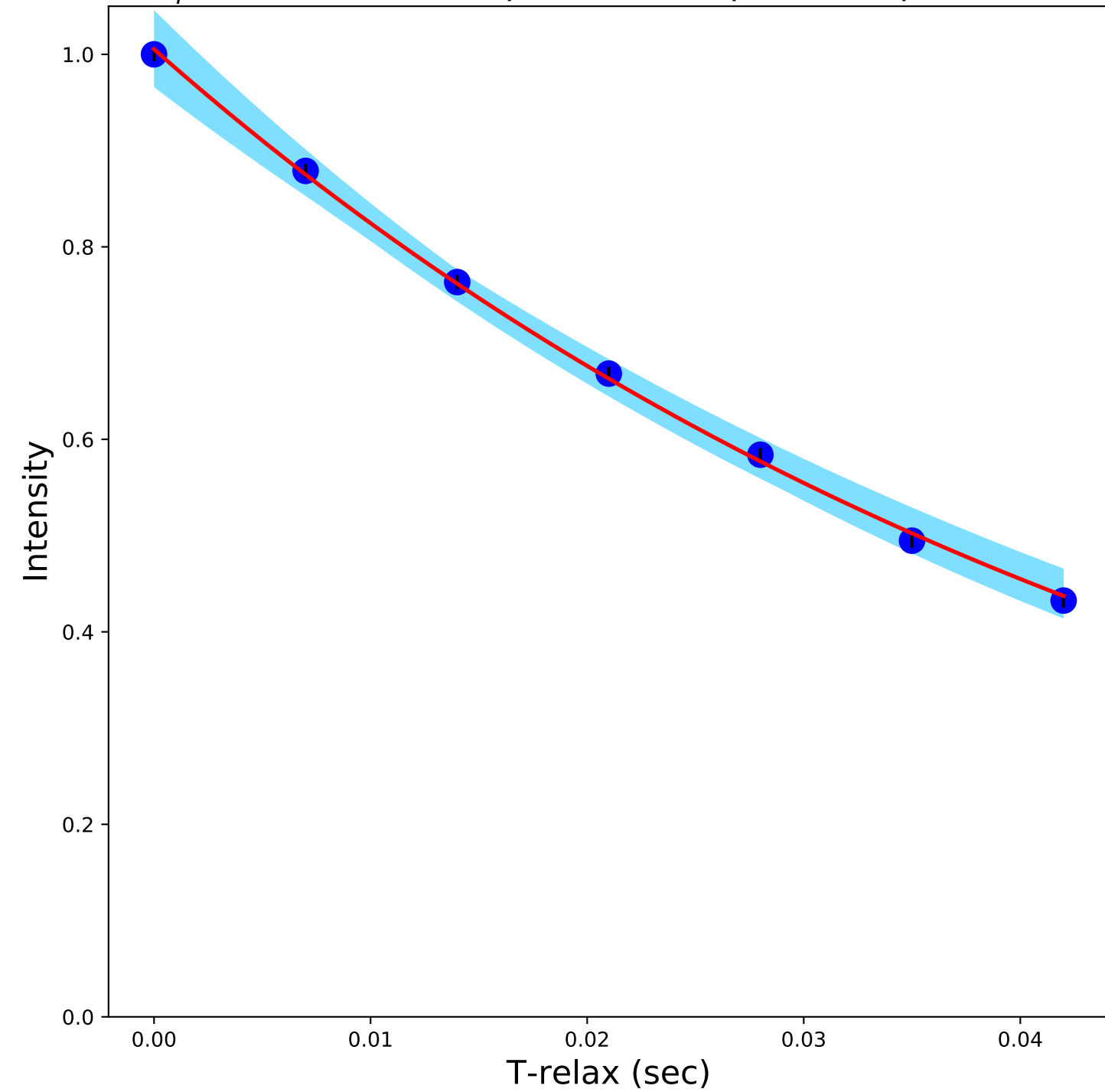
Folder (1415)
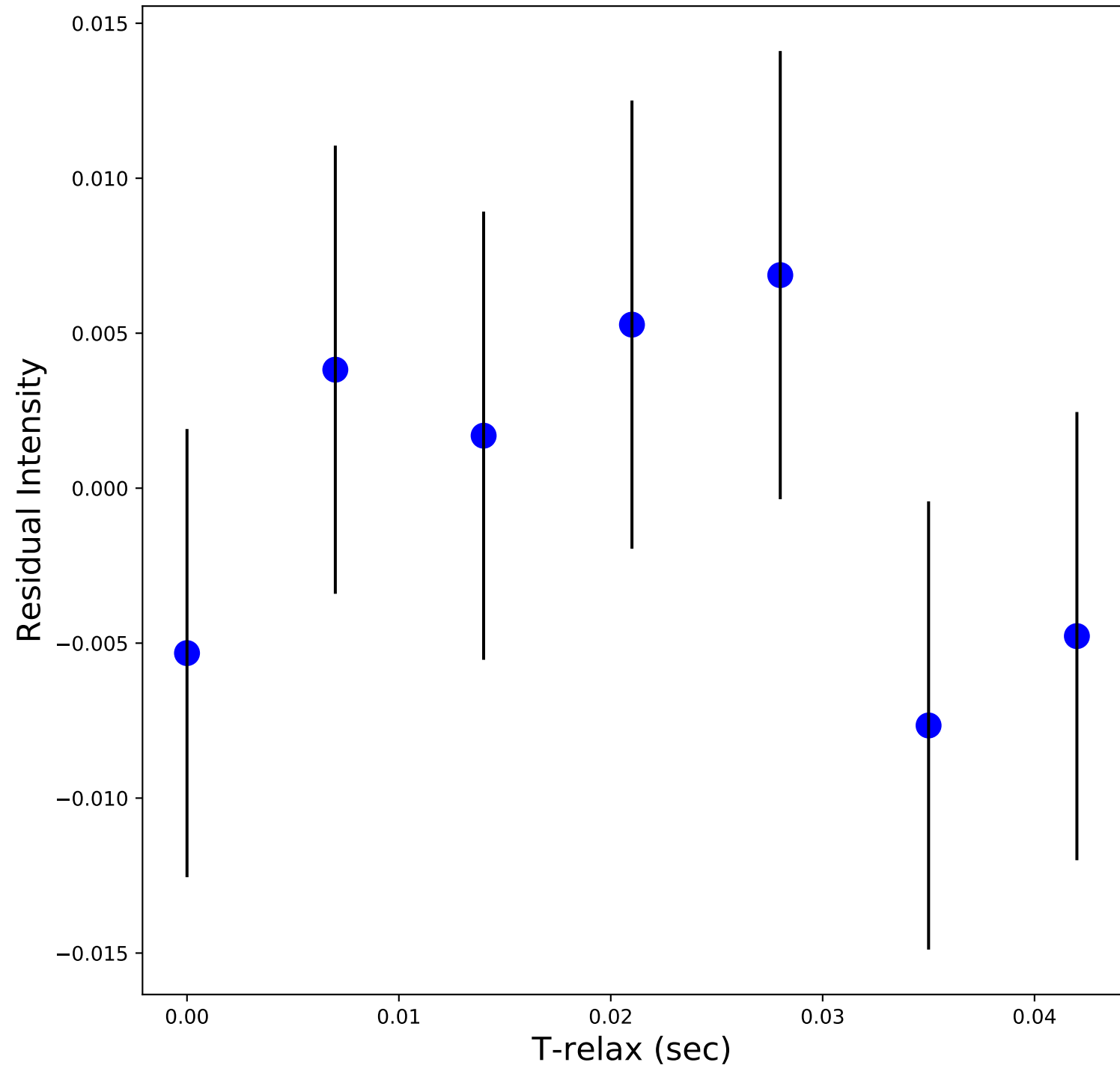
$R_{1\rho}\ 19.91 \pm 0.66\ s^{-1}\ |\ \omega_1\ 2500\ Hz\ |\ \Omega_{eff}\ 0\ Hz\ |\ \overline{\chi}^2 = 0.32$
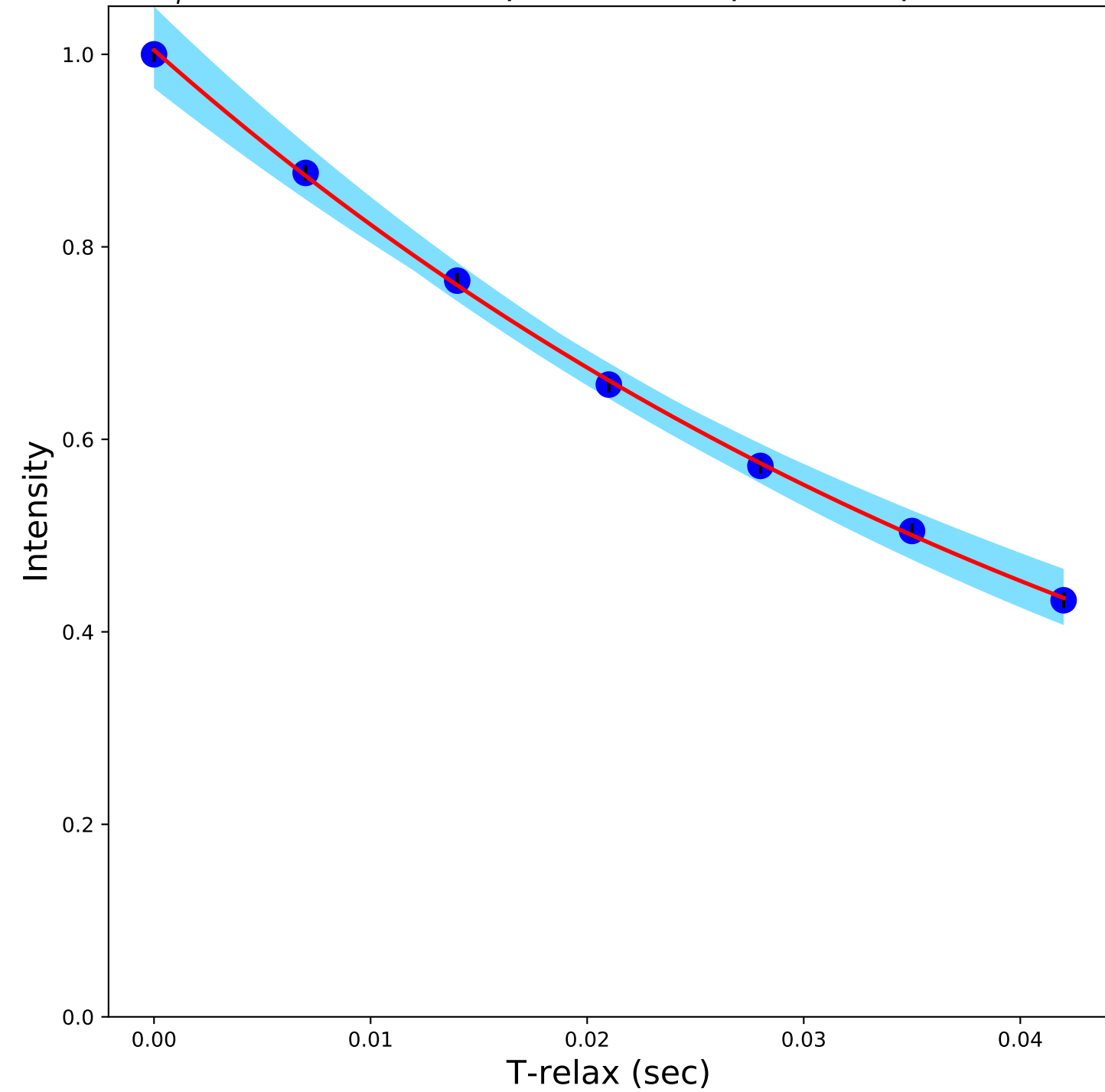
Folder (1416)

$R_{1\rho}\ 19.63 \pm 0.49\ s^{-1} \mid \omega_1\ 3000\ Hz \mid \Omega_{eff}\ 0\ Hz \mid \overline{\chi}^2 = 1.98$
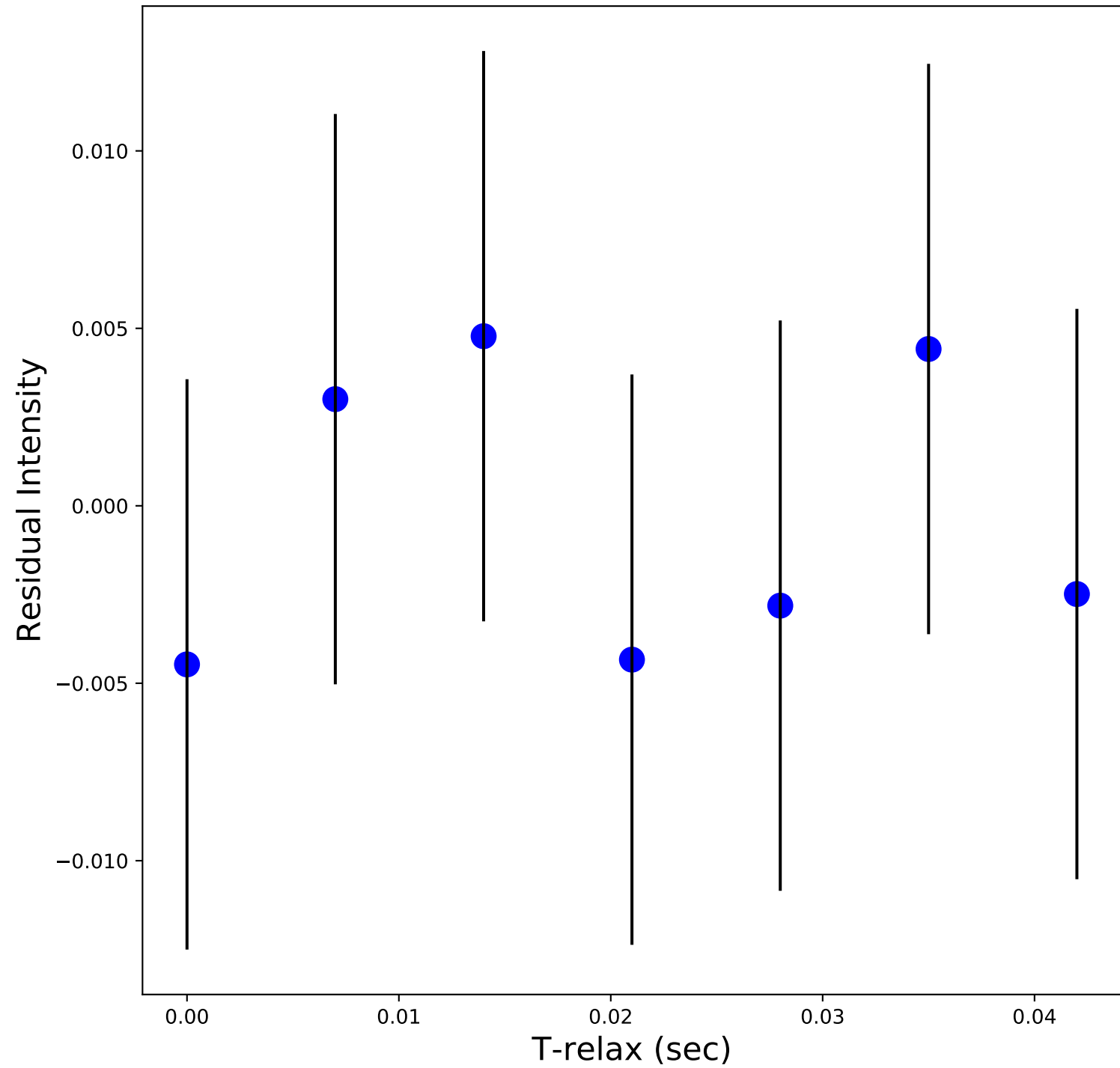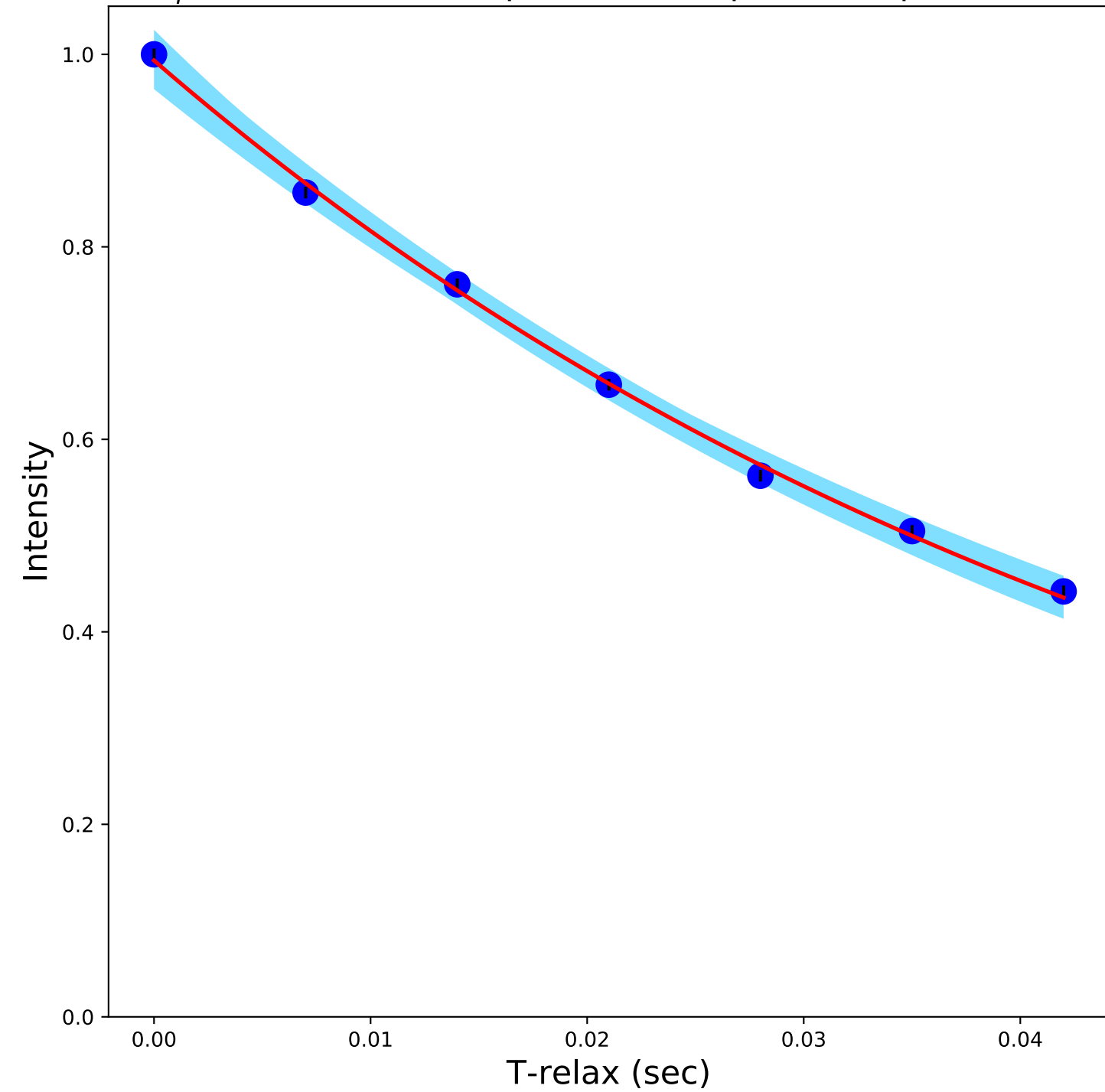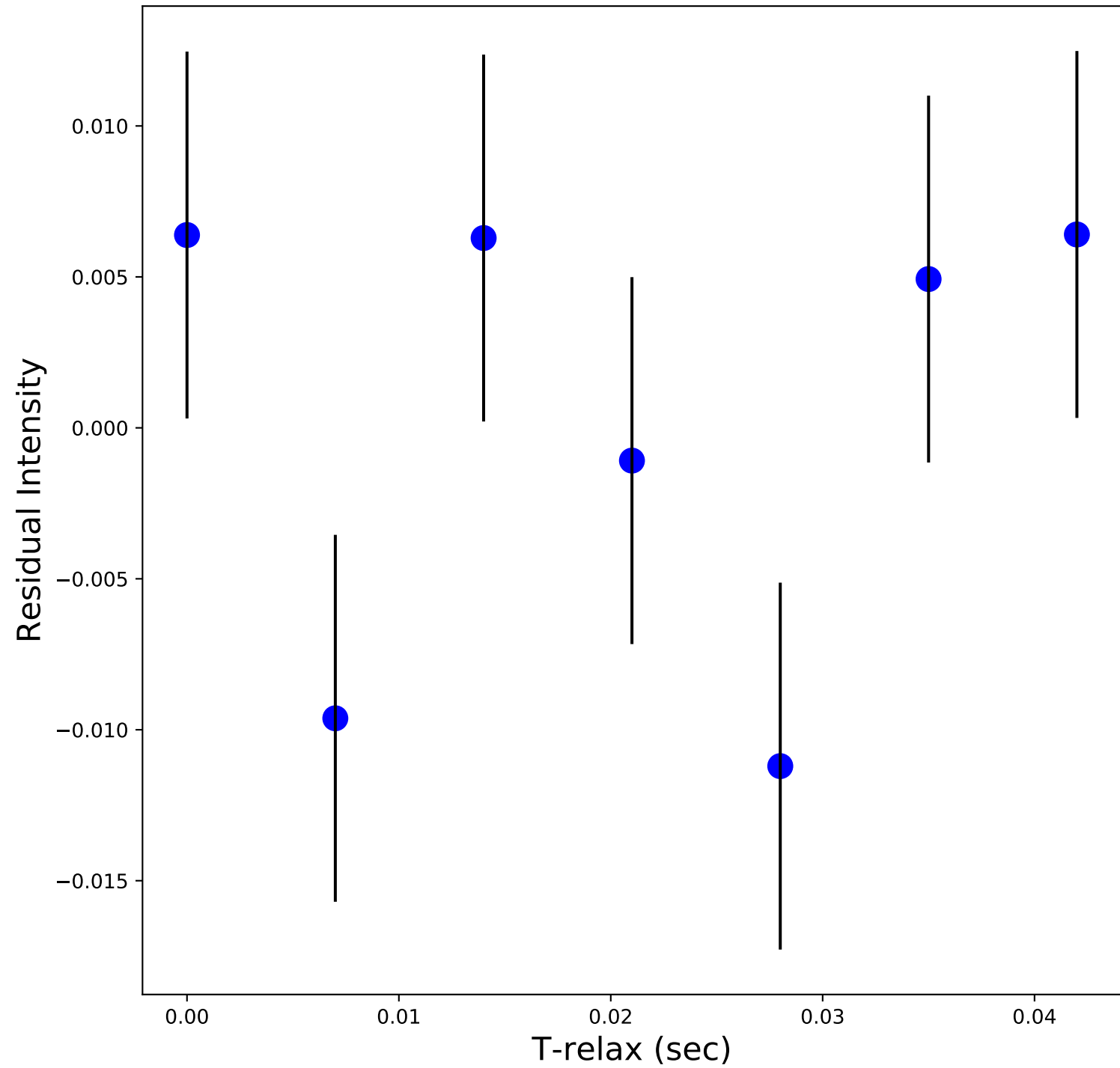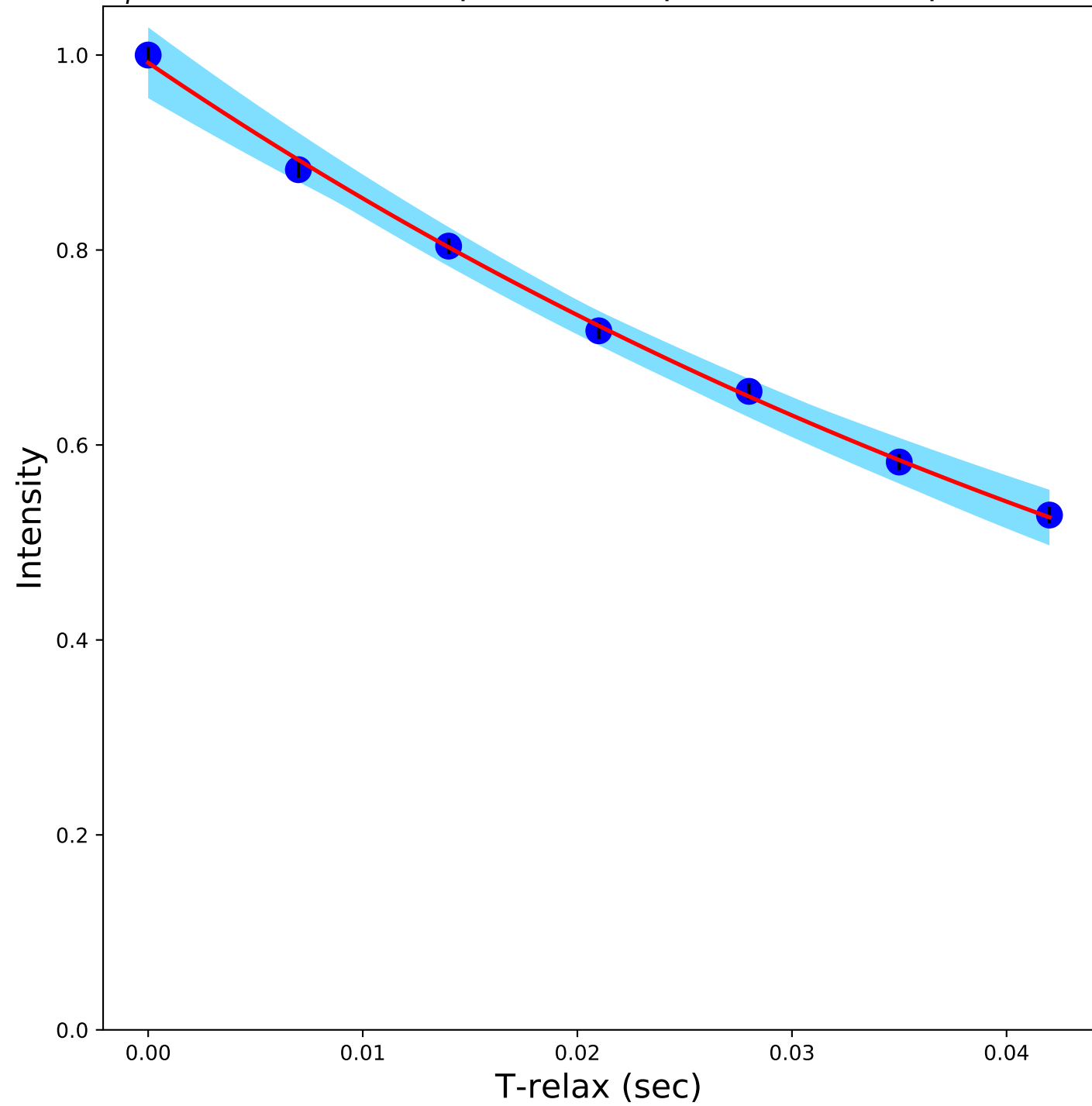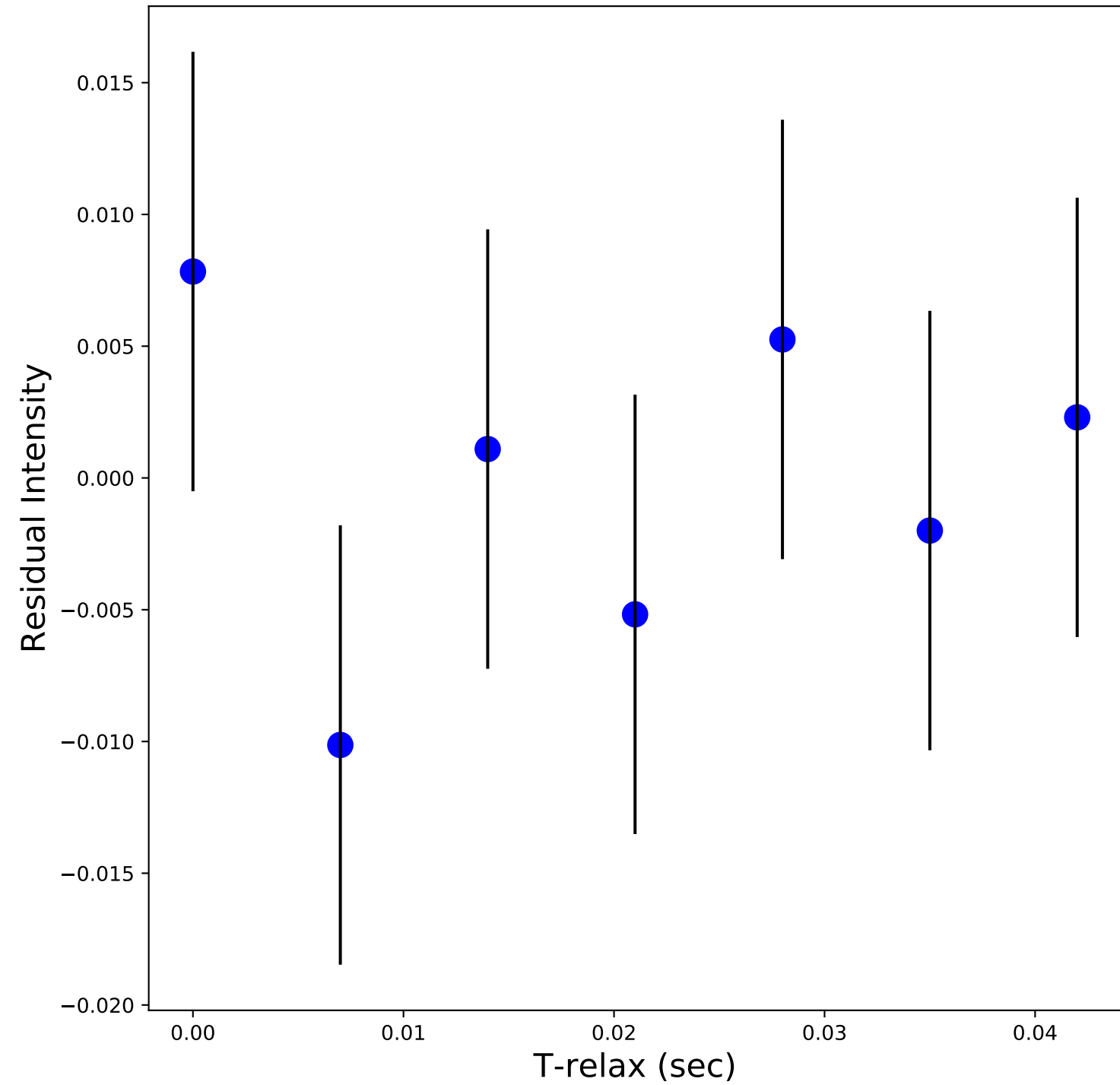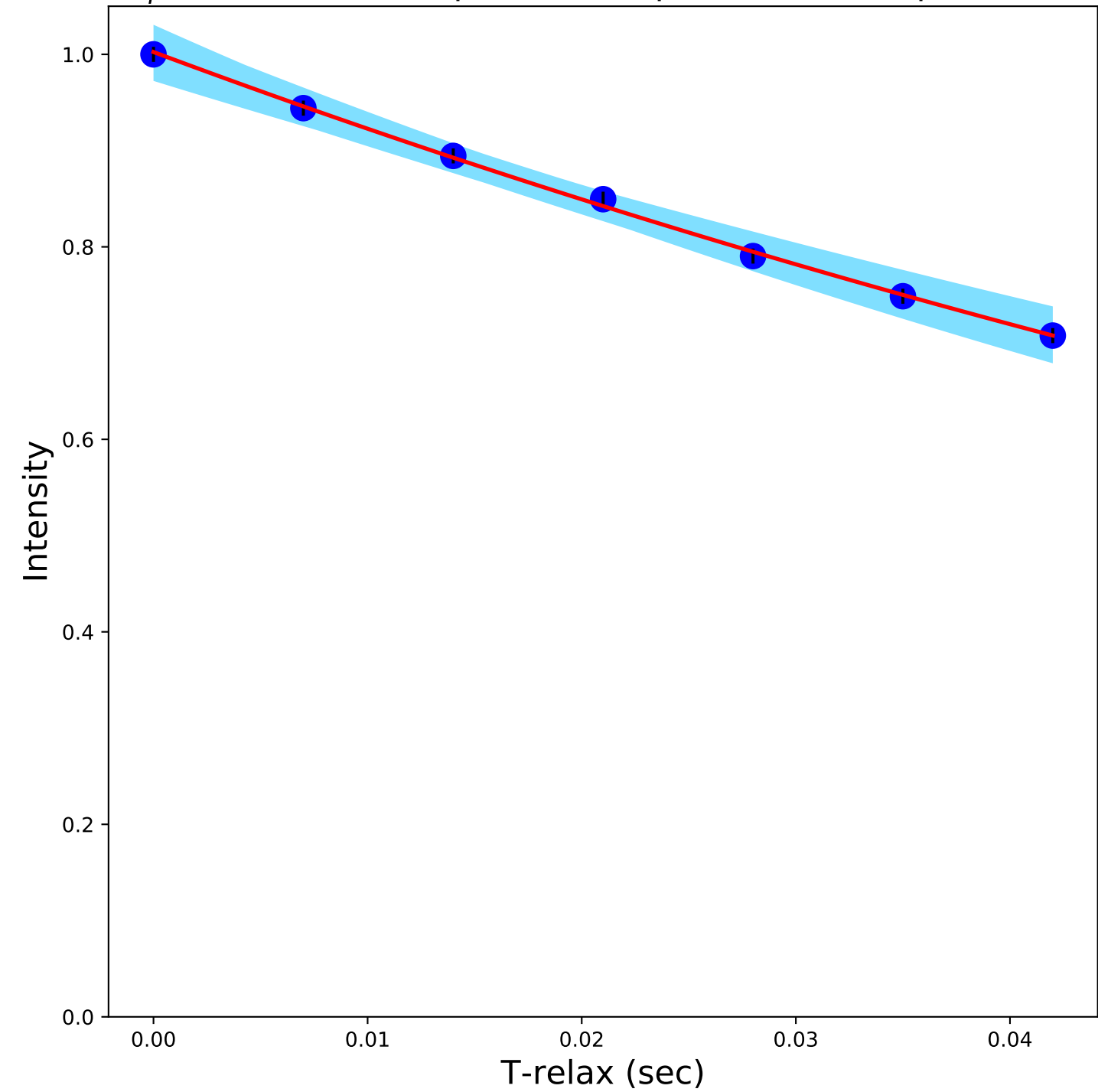
Folder (1417)

$R_{1\rho}\ 15.12 \pm 0.63\ s^{-1}\ |\ \omega_1\ 100\ Hz\ |\ \Omega_{eff}\ -100\ Hz\ |\ \overline{\chi}^2 = 0.66$

Folder (1418)

$R_{1\rho}\,8.28 \pm 0.48\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}-200\,Hz\,|\,\overline{\chi}^2 = 0.28$

Folder (1419)
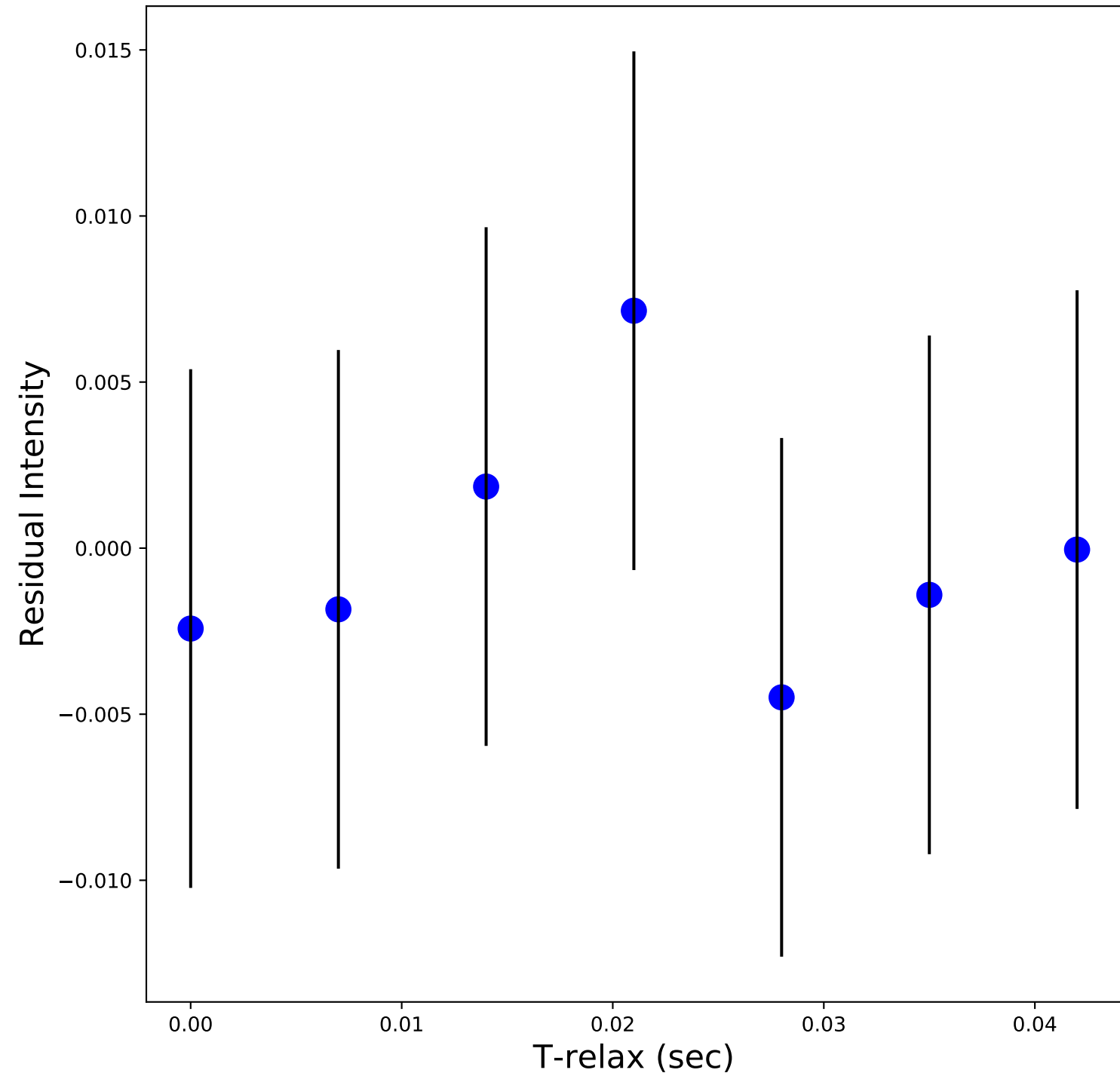
$R_{1\rho} \, 6.42 \pm 0.41 \, s^{-1} \, | \, \omega_1 \, 100 \, Hz \, | \, \Omega_{eff} - 300 \, Hz \, | \, \overline{\chi}^2 = 0.19$
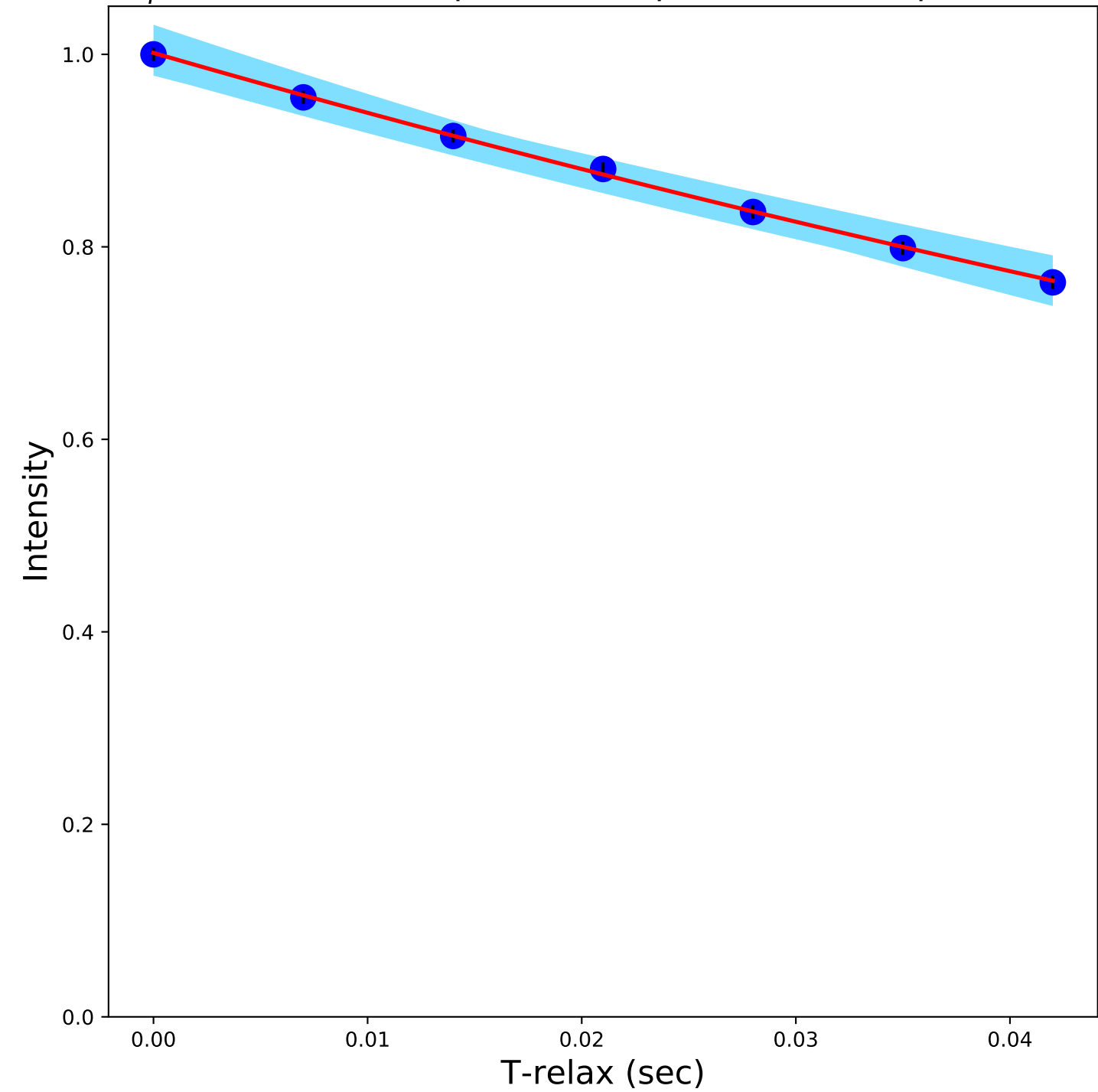
Folder (1420)
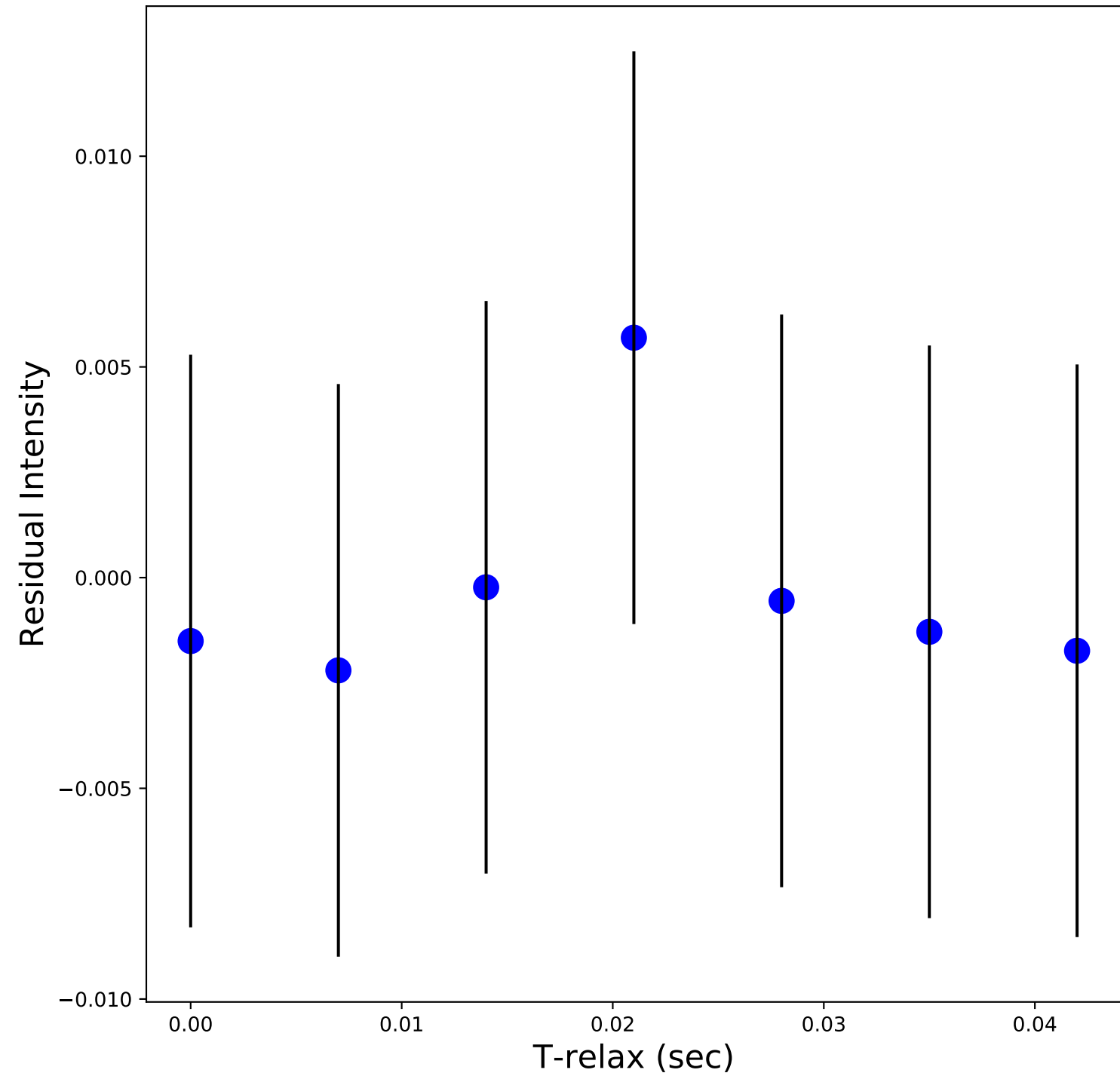
$R_{1\rho}\ 5.99 \pm 0.38\,s^{-1}\,|\,\omega_1\ 100\,Hz\,|\,\Omega_{eff} - 350\,Hz\,|\,\overline{\chi}^2 = 0.22$
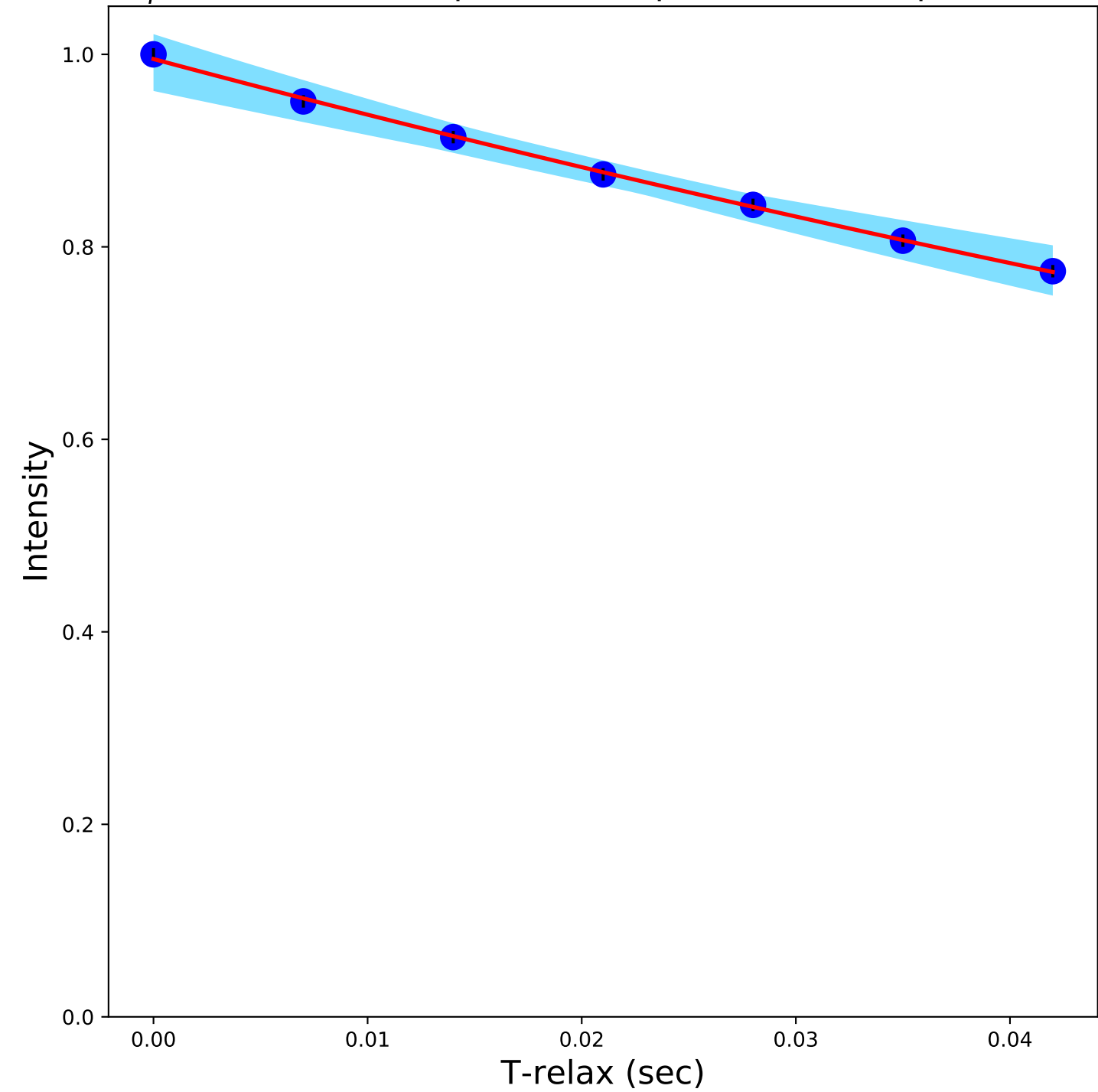
Folder (1421)
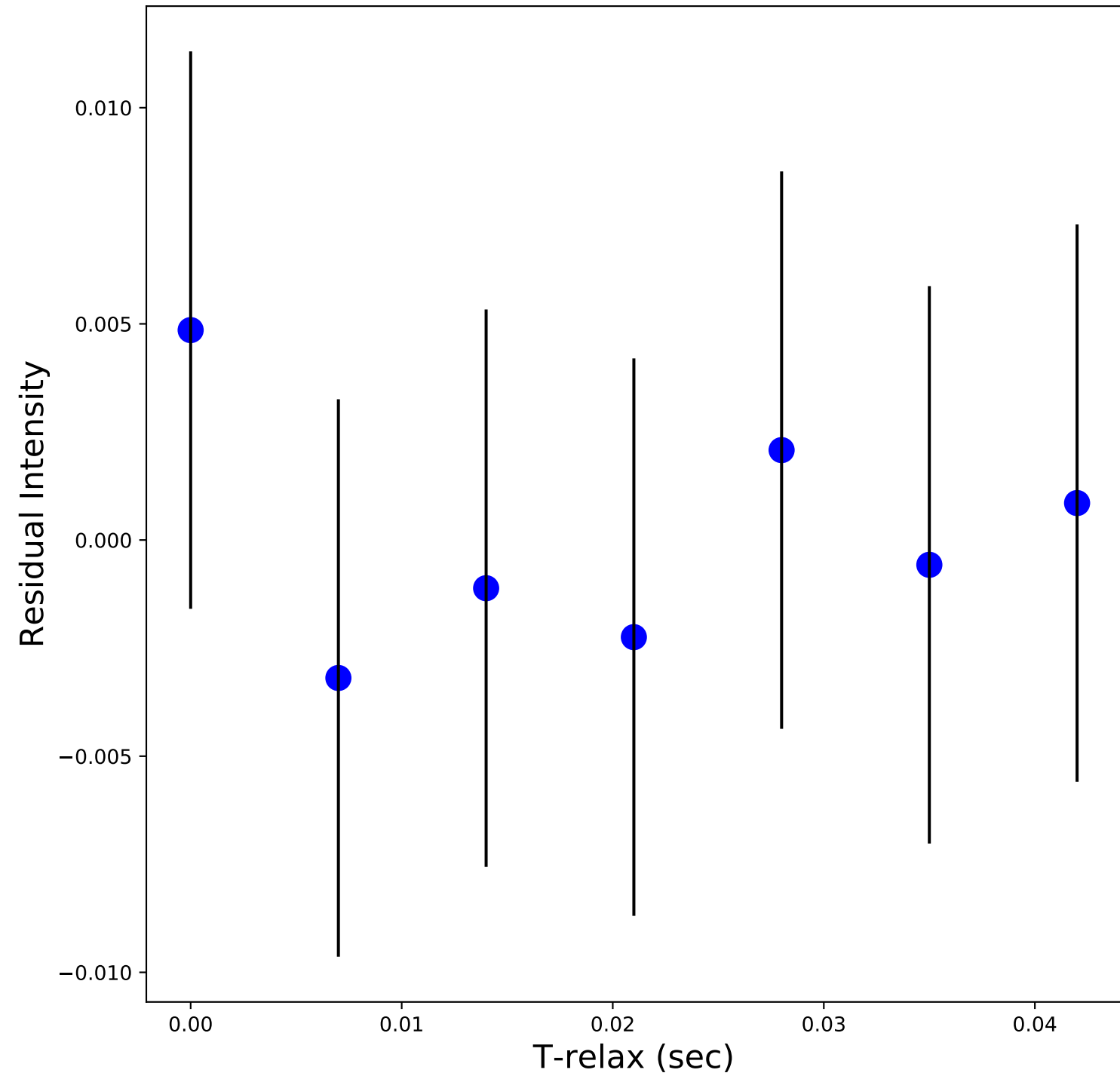
$R_{1\rho}\,5.83 \pm 0.48\,s^{-1} \,|\, \omega_1\,100\,Hz \,|\, \Omega_{eff} - 400\,Hz \,|\, \overline{\chi}^2 = 0.39$
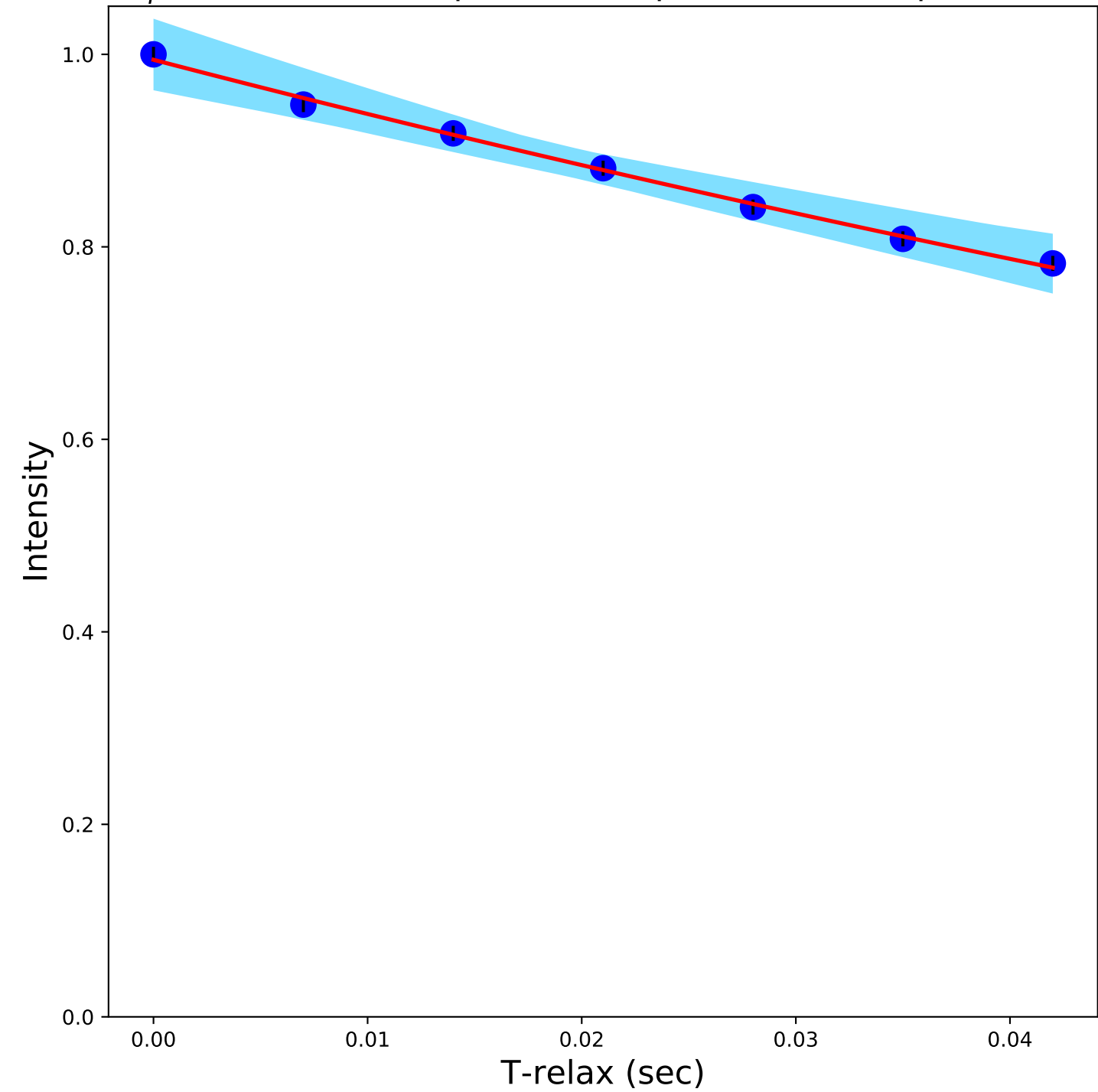
Folder (1422)
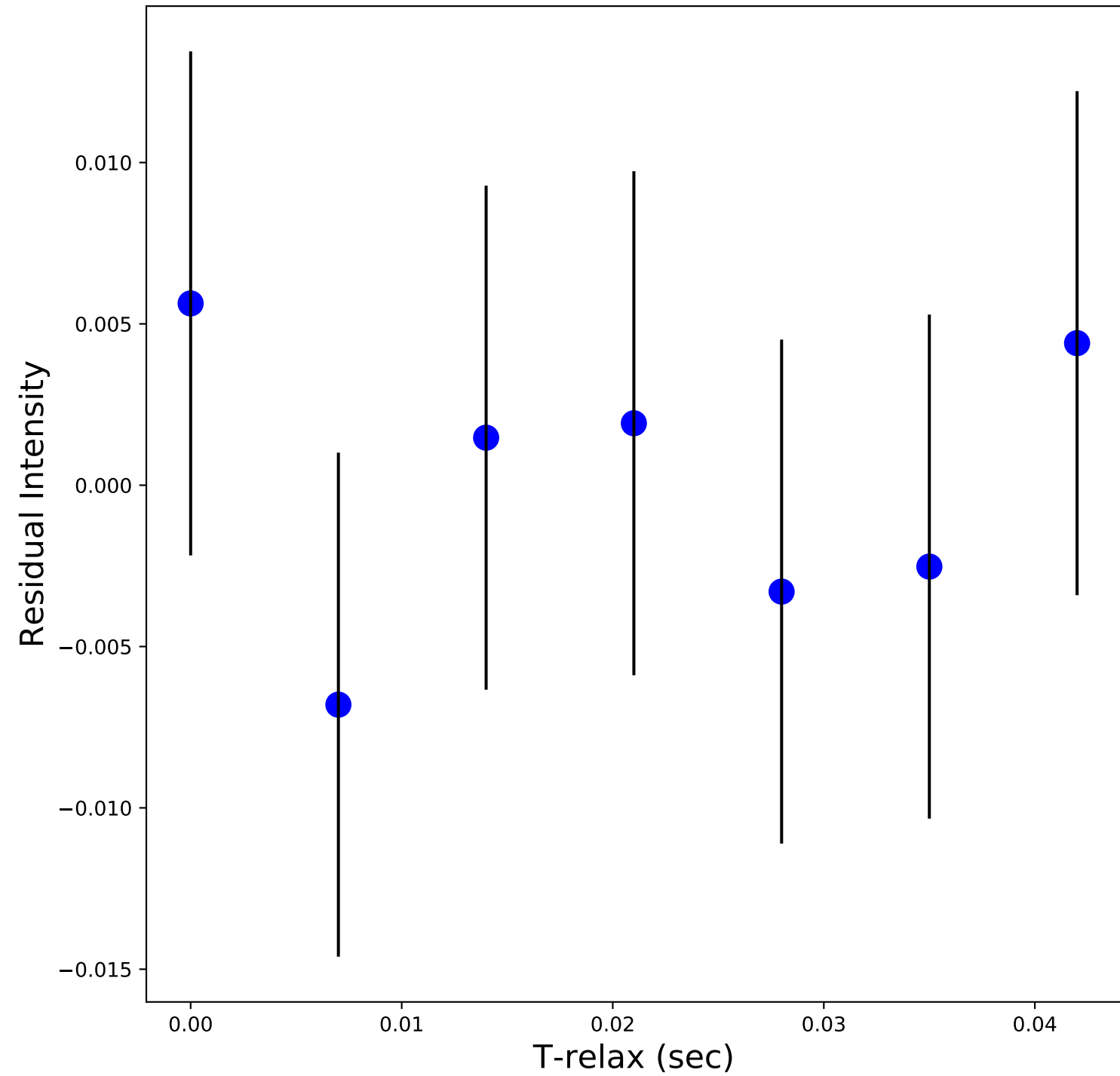
Left panel title: $R_{1\rho}\ 5.84 \pm 0.42\,s^{-1}\,|\,\omega_1\ 100\,Hz\,|\,\Omega_{eff}-450\,Hz\,|\,\overline{\chi}^2=0.56$

Left panel: x-axis "T-relax (sec)", y-axis "Intensity"

Right panel title: Folder (1423)

Right panel: x-axis "T-relax (sec)", y-axis "Residual Intensity"
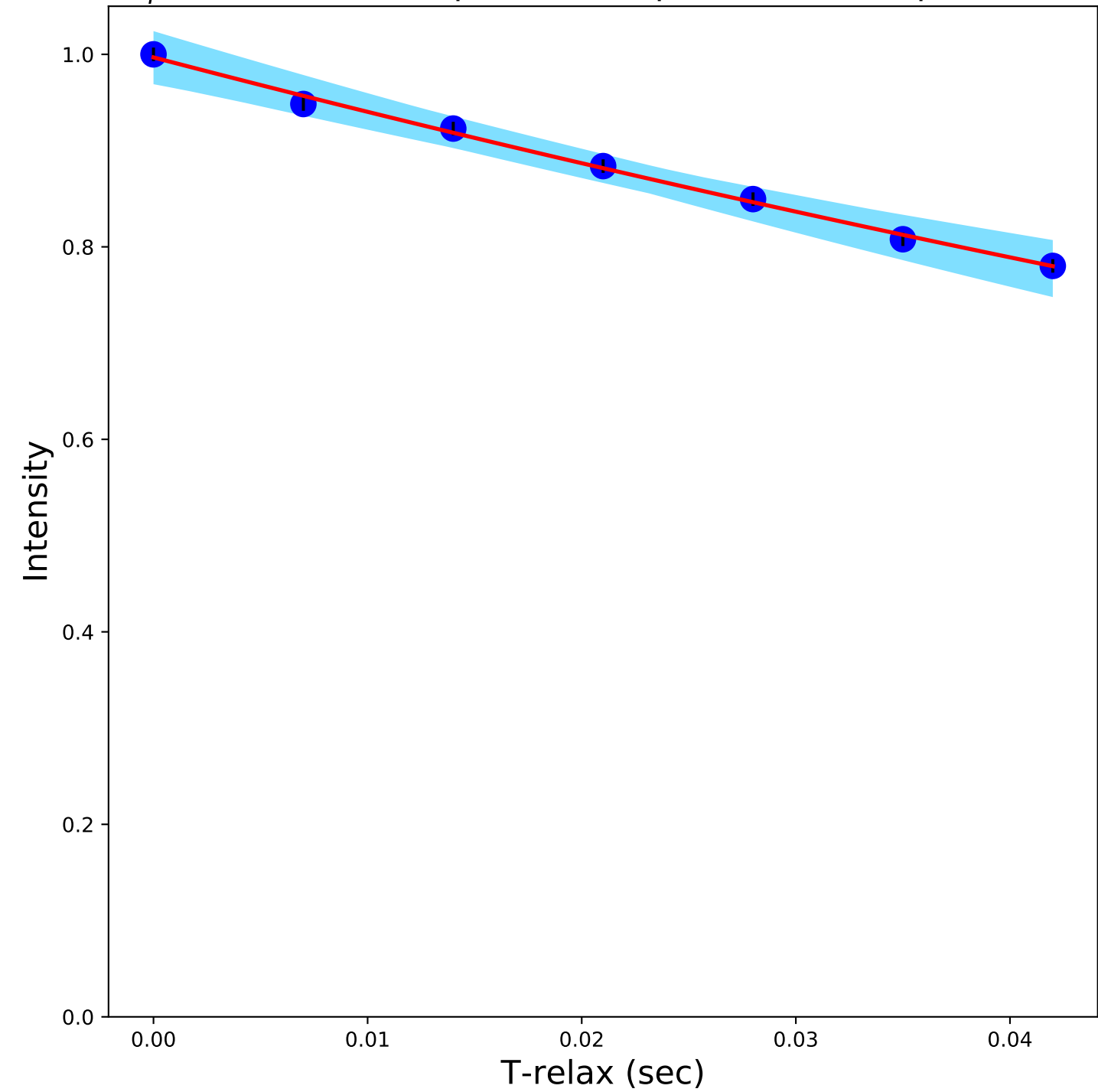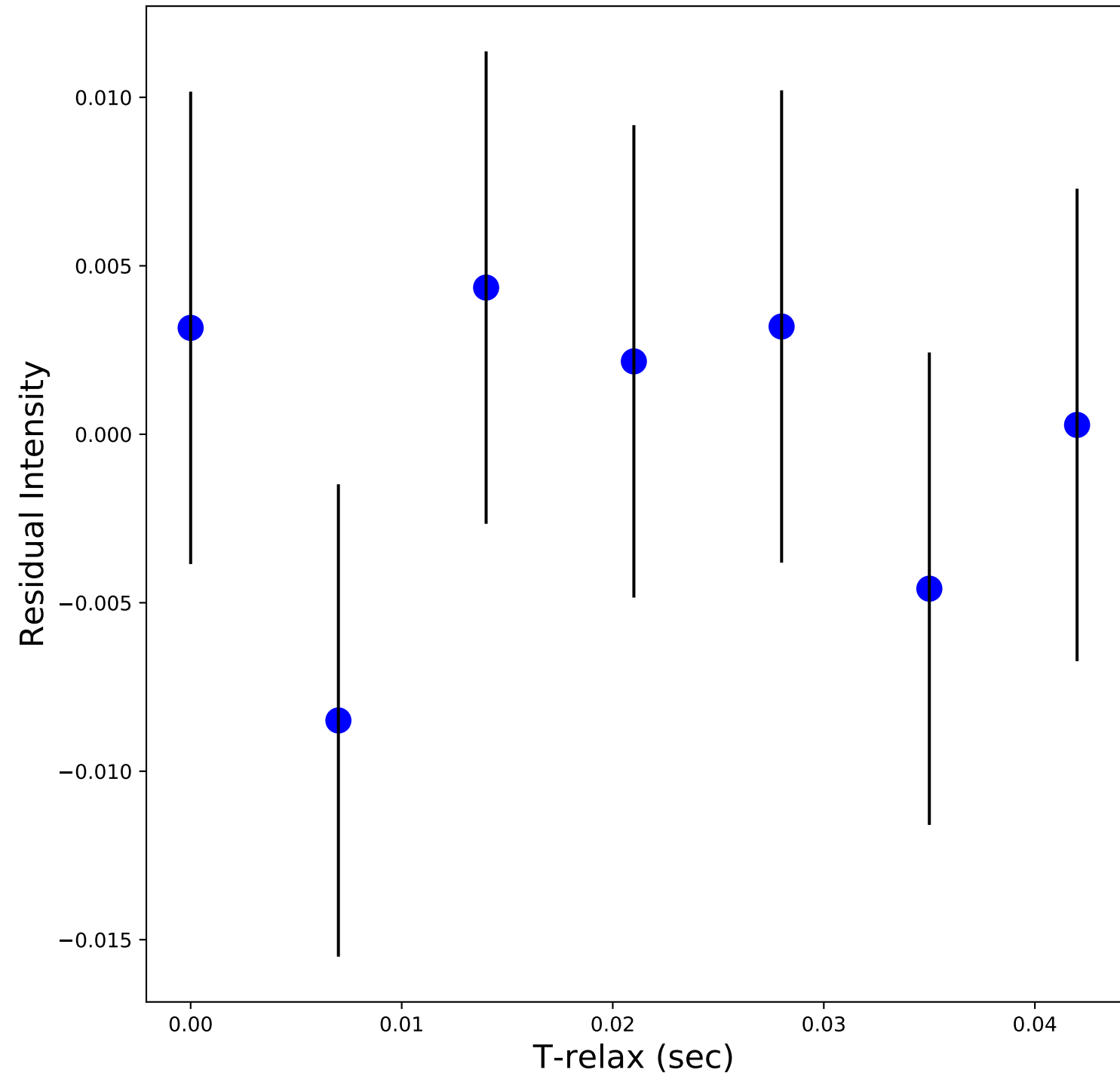
$R_{1\rho}\, 5.74 \pm 0.44\, s^{-1} \,|\, \omega_1\, 100\, Hz \,|\, \Omega_{eff} - 500\, Hz \,|\, \overline{\chi}^2 = 0.13$
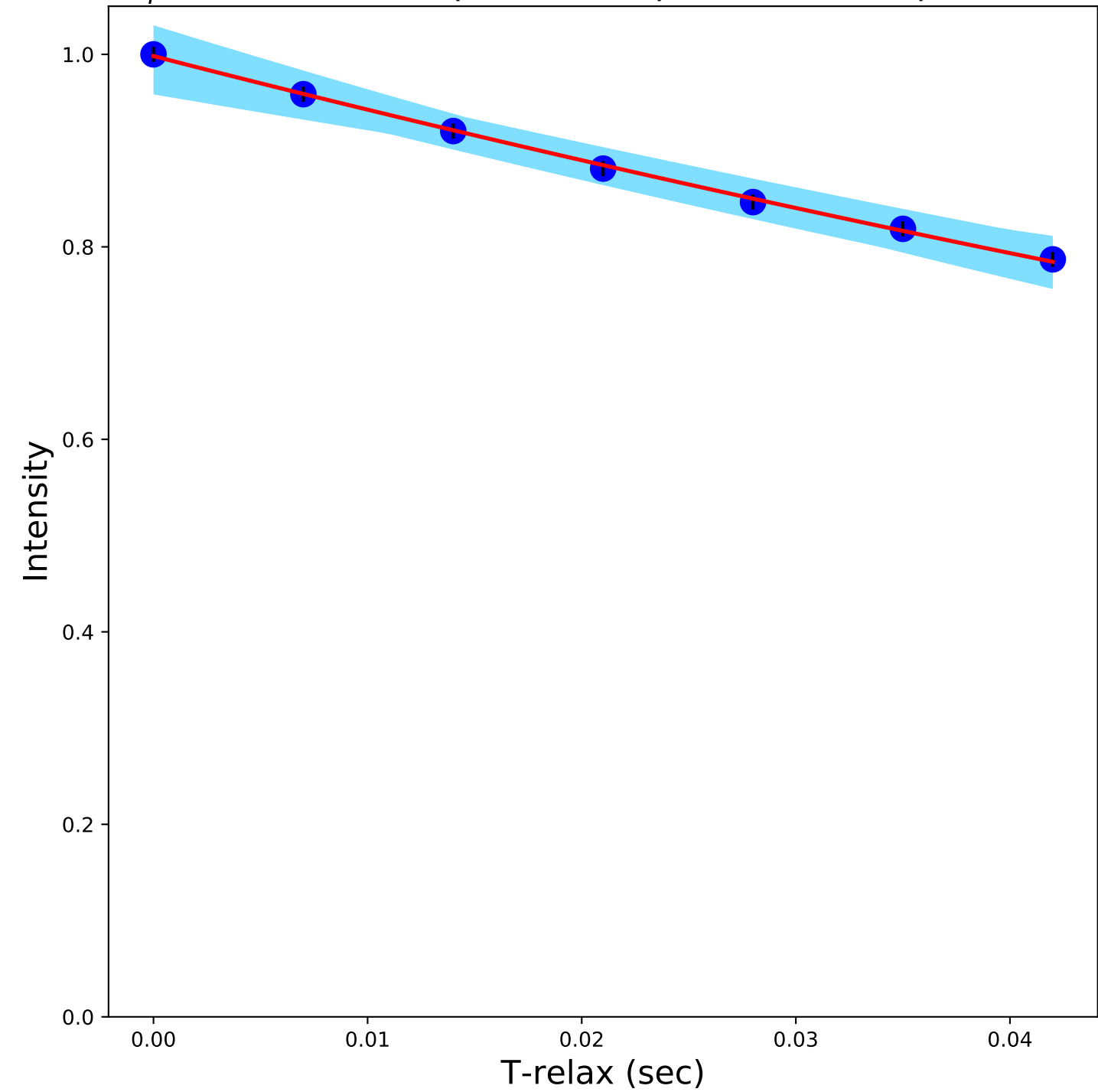
Folder (1424)
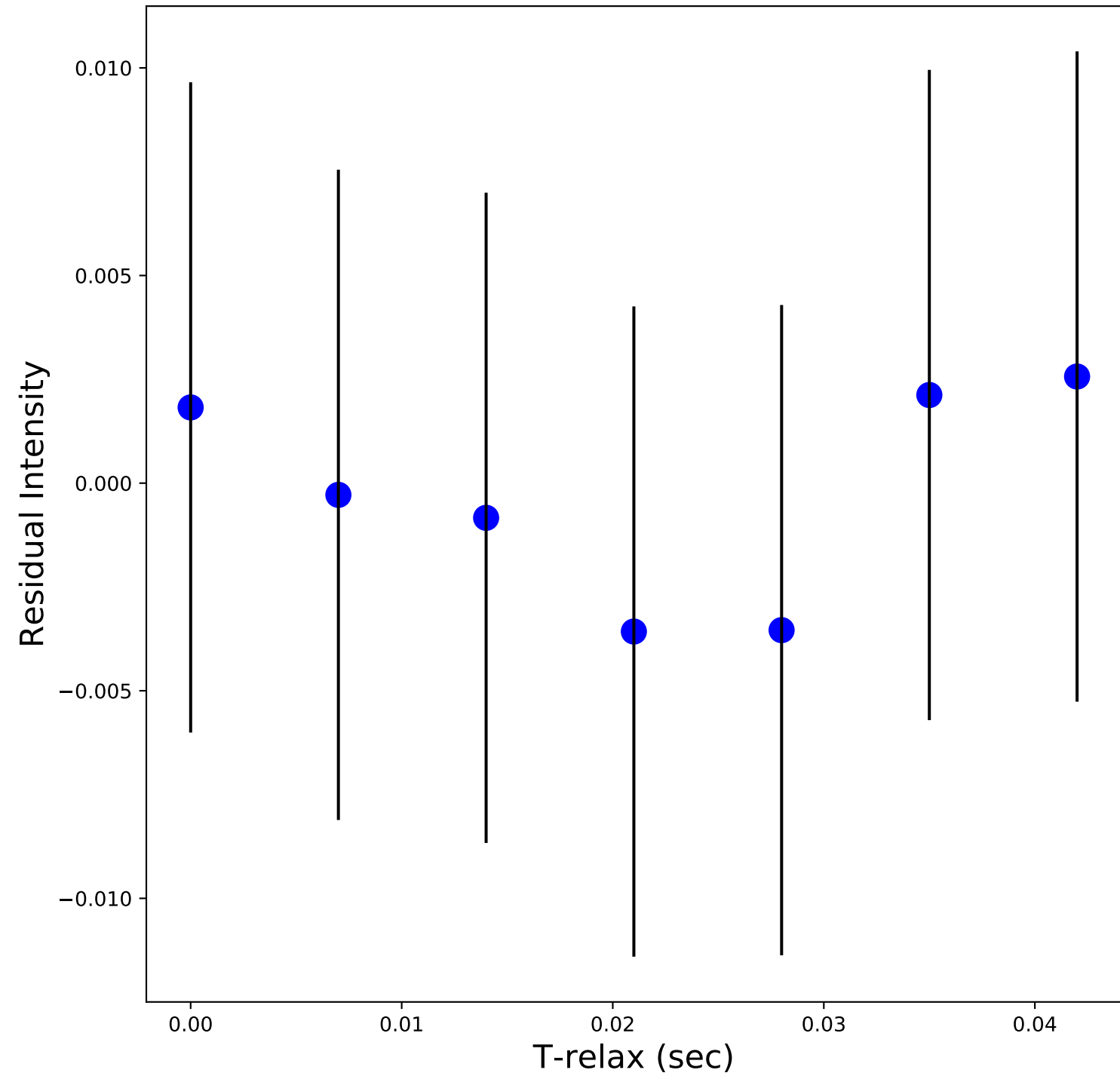
$R_{1\rho}\, 5.78 \pm 0.44\, s^{-1}\,|\,\omega_1\, 100\, Hz\,|\,\Omega_{eff}\, -520\, Hz\,|\,\overline{\chi}^2 = 0.52$
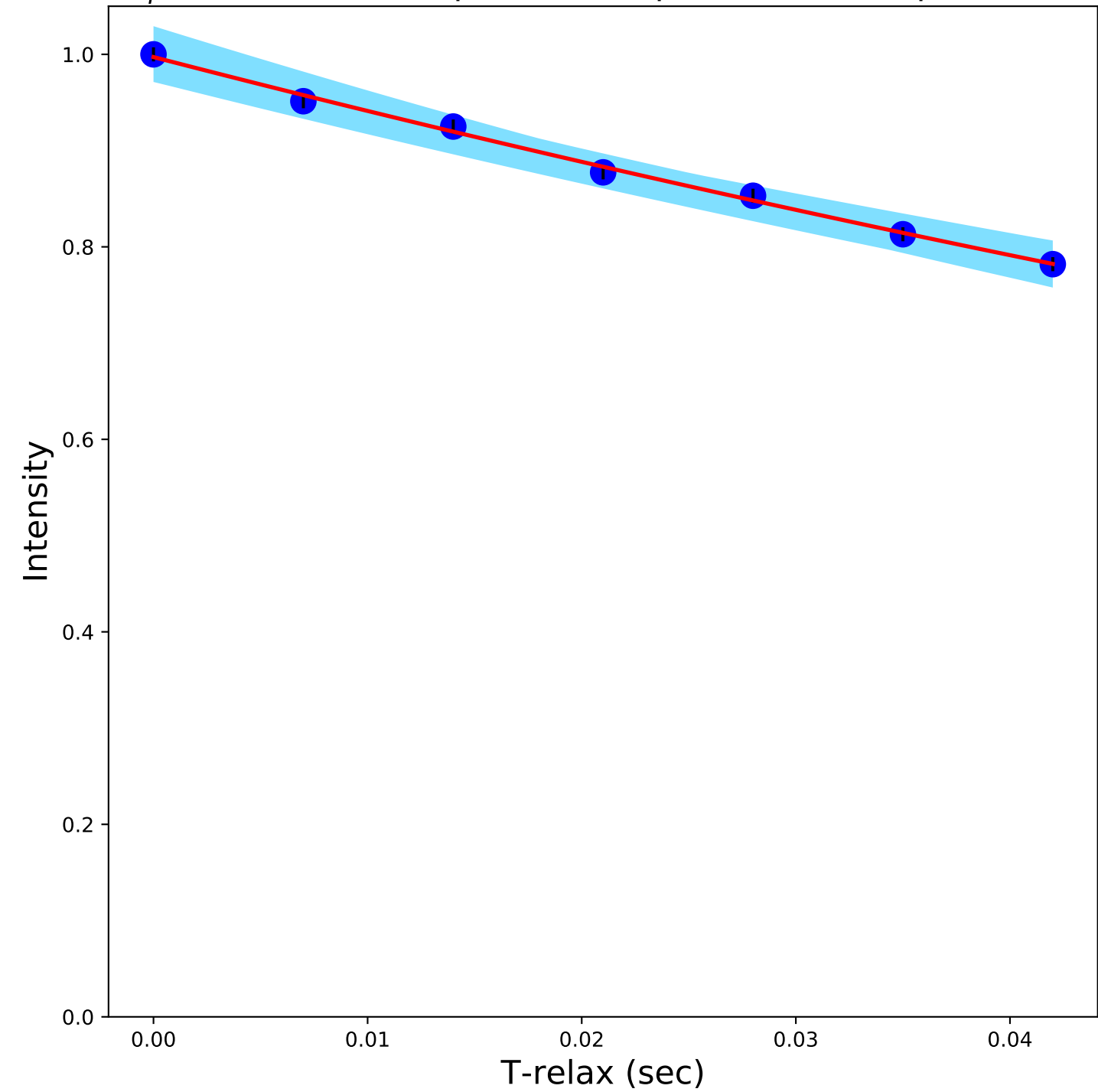
Folder (1425)
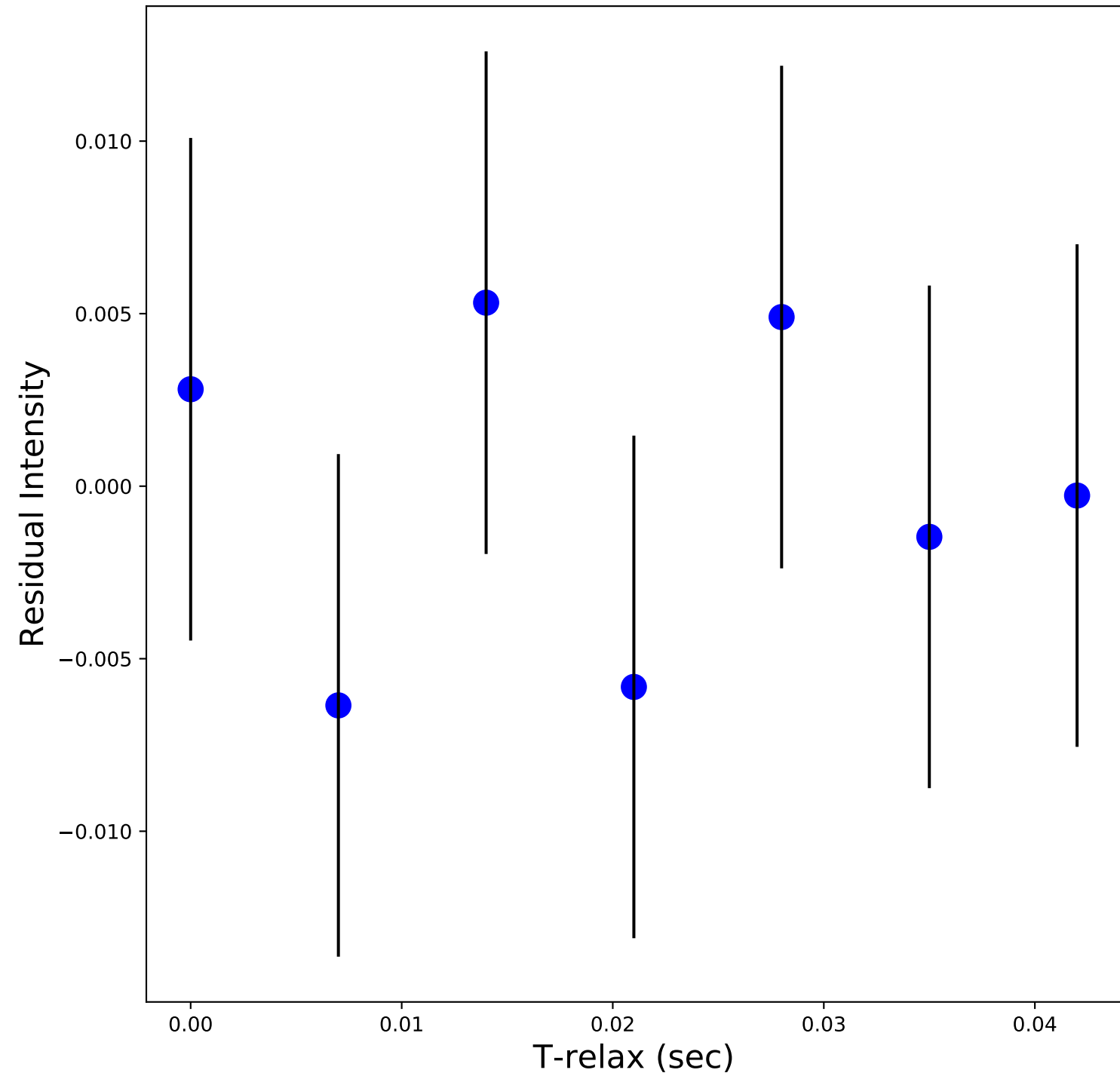
$R_{1\rho} 5.75 \pm 0.45\, s^{-1} \,|\, \omega_1\, 100\, Hz \,|\, \Omega_{eff} - 540\, Hz \,|\, \overline{\chi}^2 = 0.17$
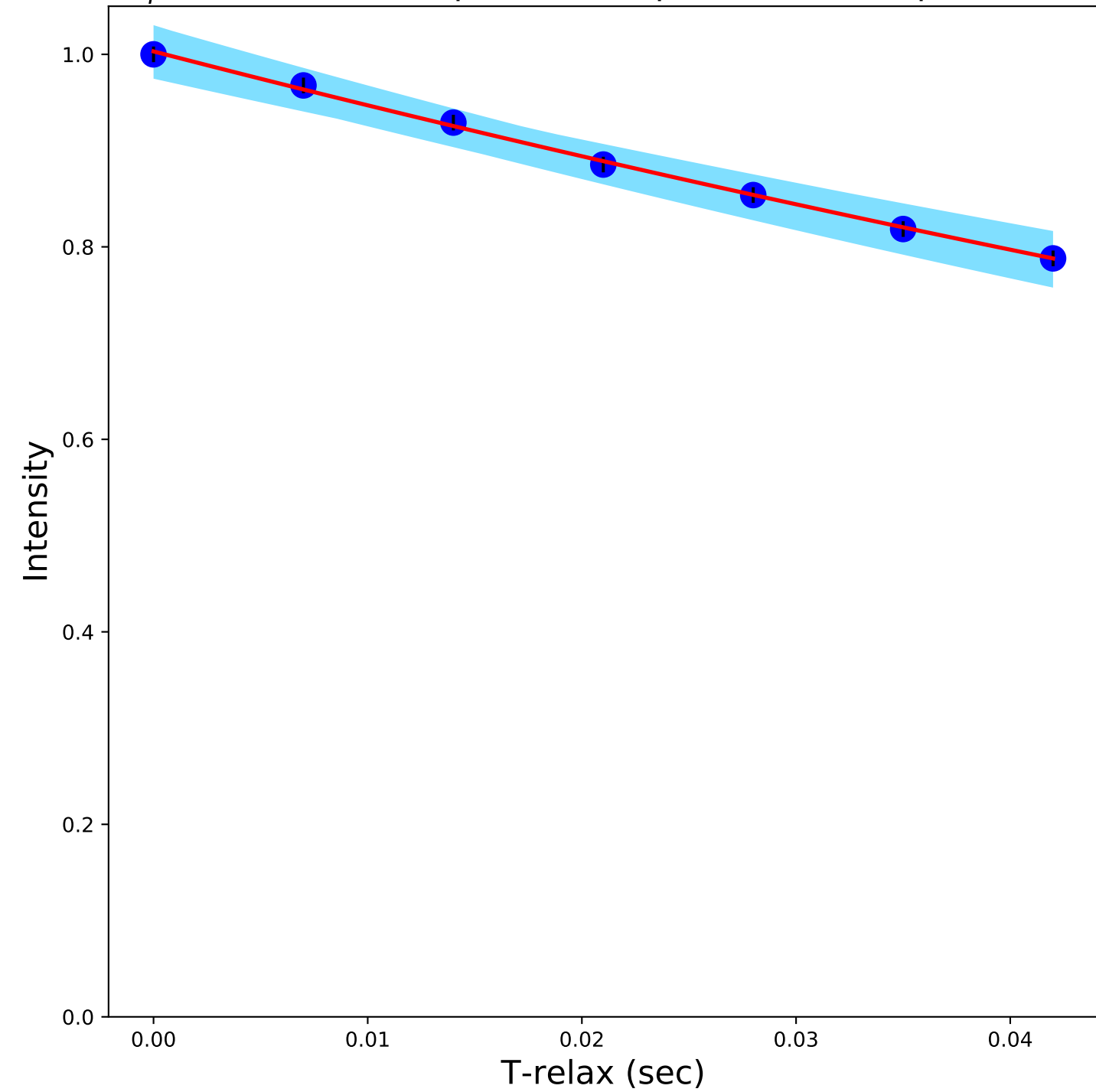
Folder (1426)
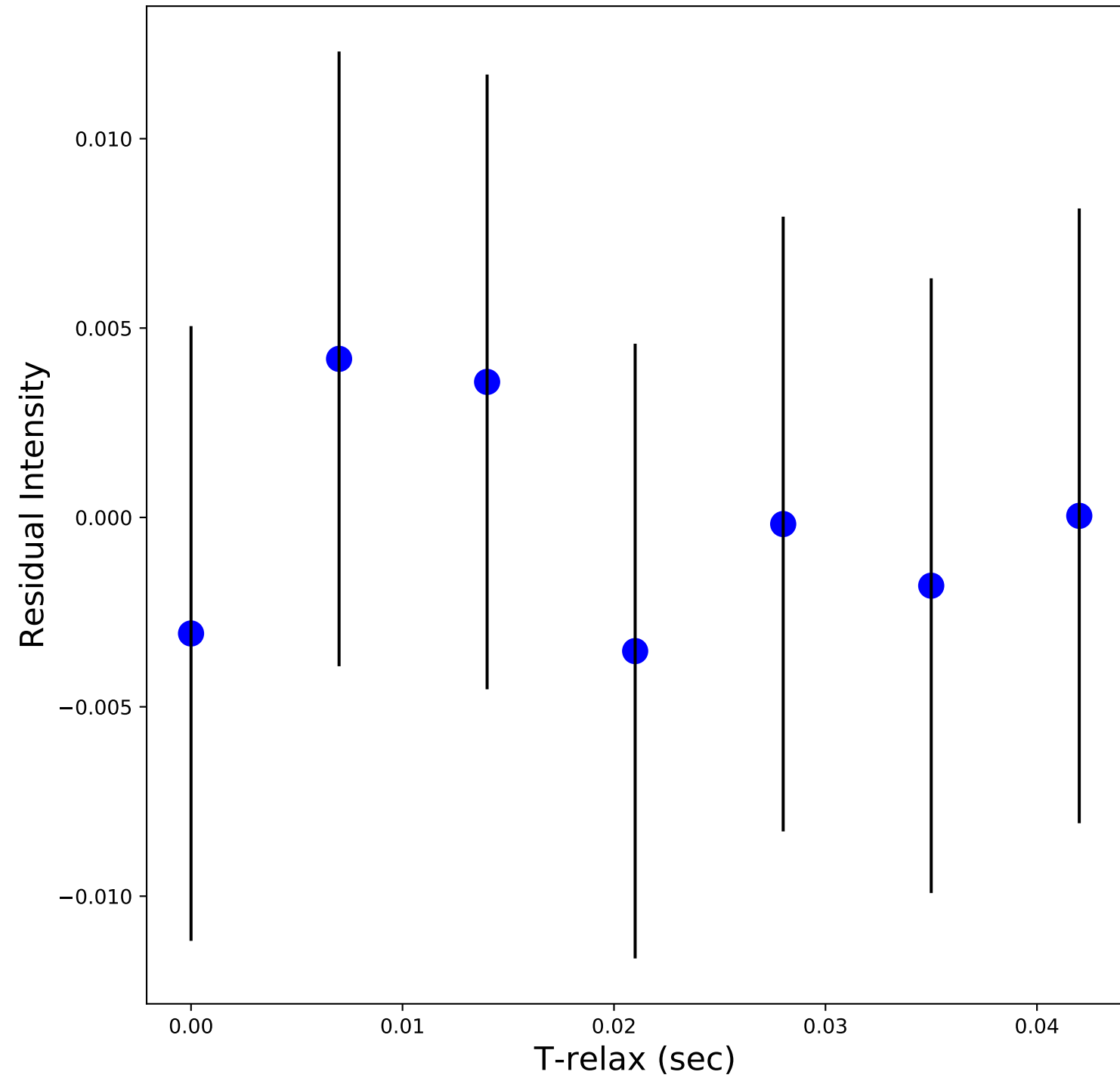
$R_{1\rho}\ 5.77 \pm 0.4\ s^{-1} \,|\, \omega_1\ 100\ Hz \,|\, \Omega_{eff} - 560\ Hz \,|\, \overline{\chi}^2 = 0.49$
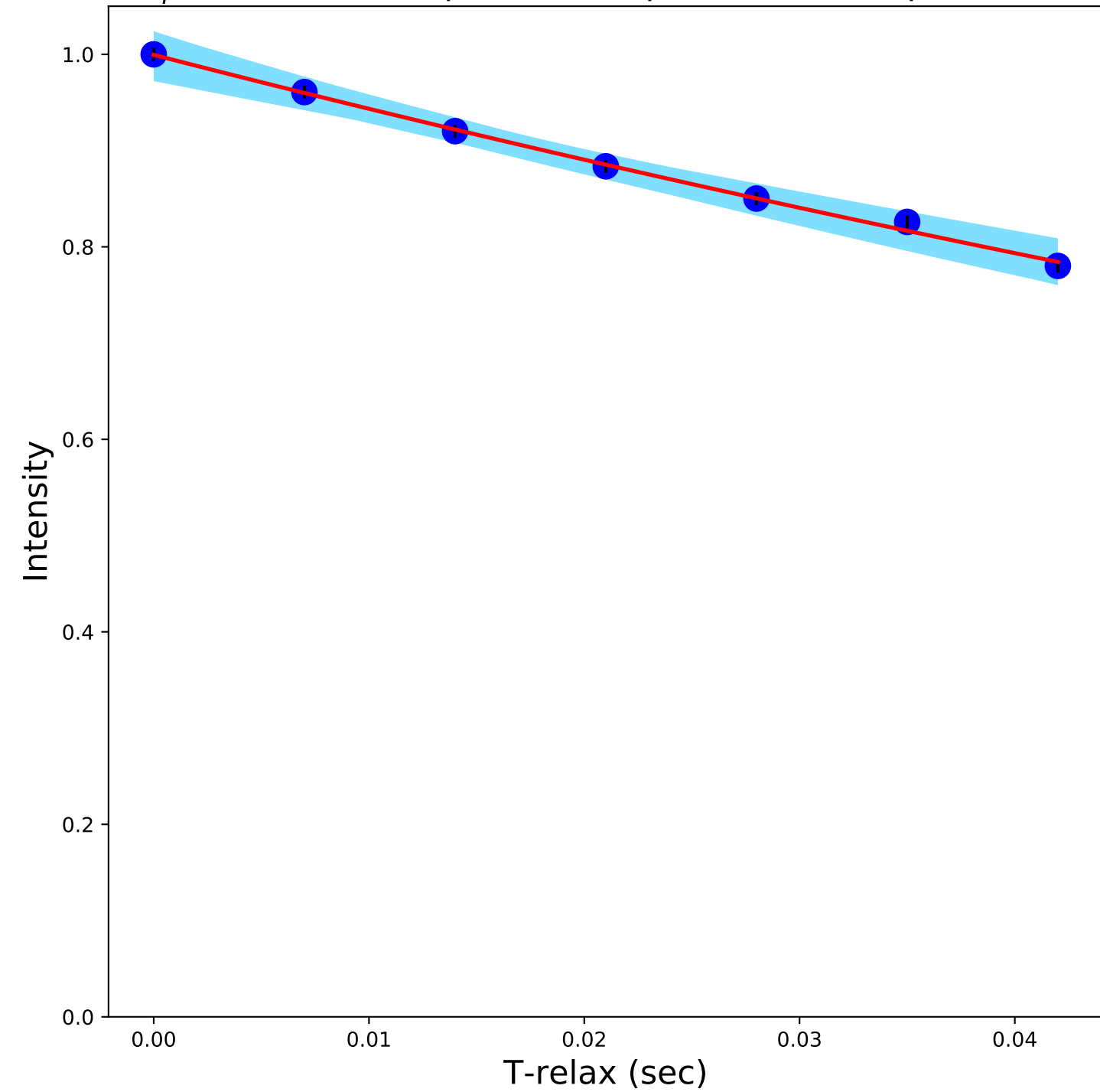
Folder (1427)
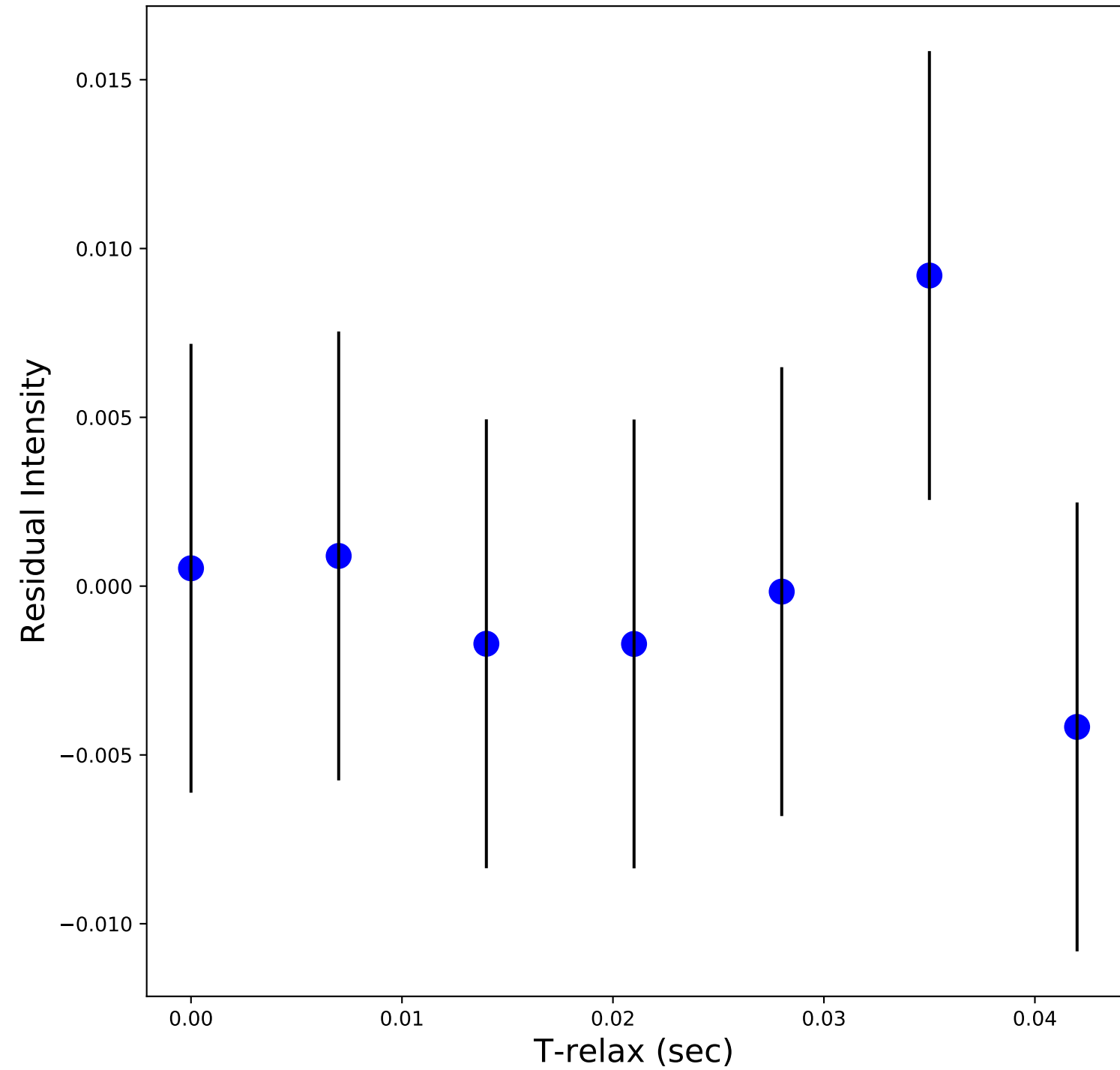
$R_{1\rho}\ 5.68 \pm 0.5\,s^{-1}\,|\,\omega_1\ 100\,Hz\,|\,\Omega_{eff} - 580\,Hz\,|\,\overline{\chi}^2 = 0.13$
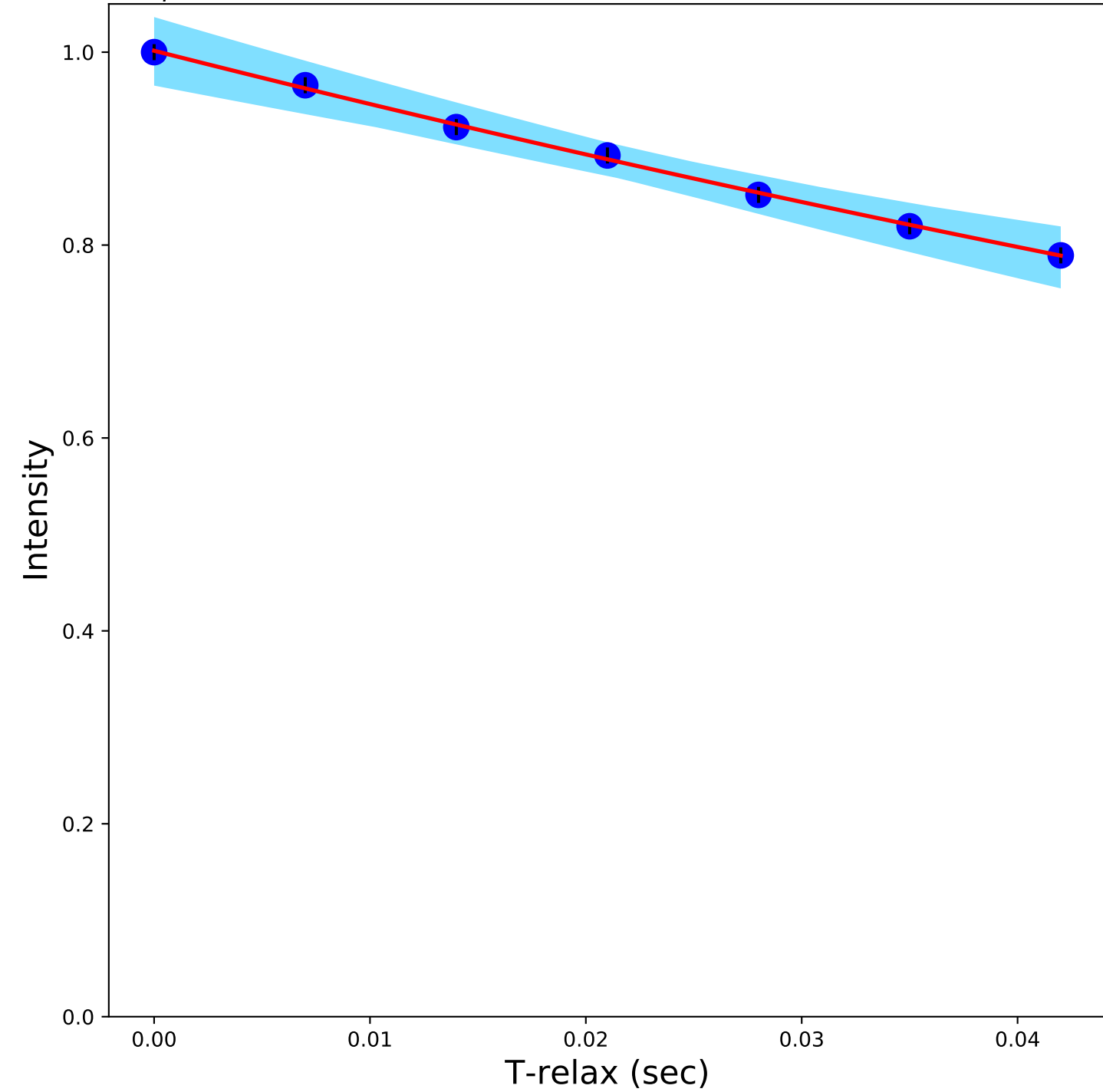
Folder (1428)
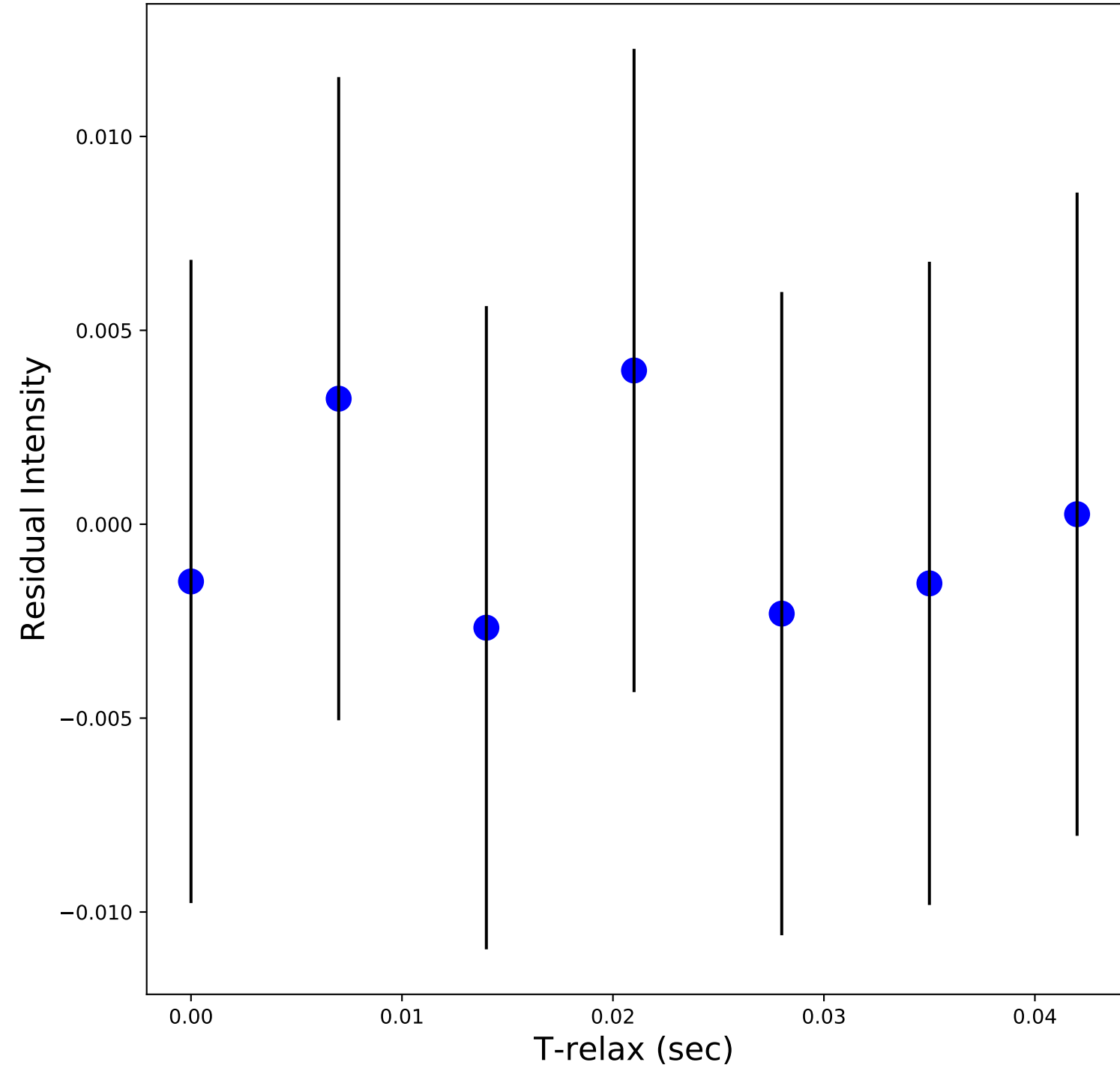
$R_{1\rho}\, 5.72 \pm 0.44\, s^{-1}\,|\,\omega_1\, 100\, Hz\,|\,\Omega_{eff} - 600\, Hz\,|\,\overline{\chi}^2 = 0.36$
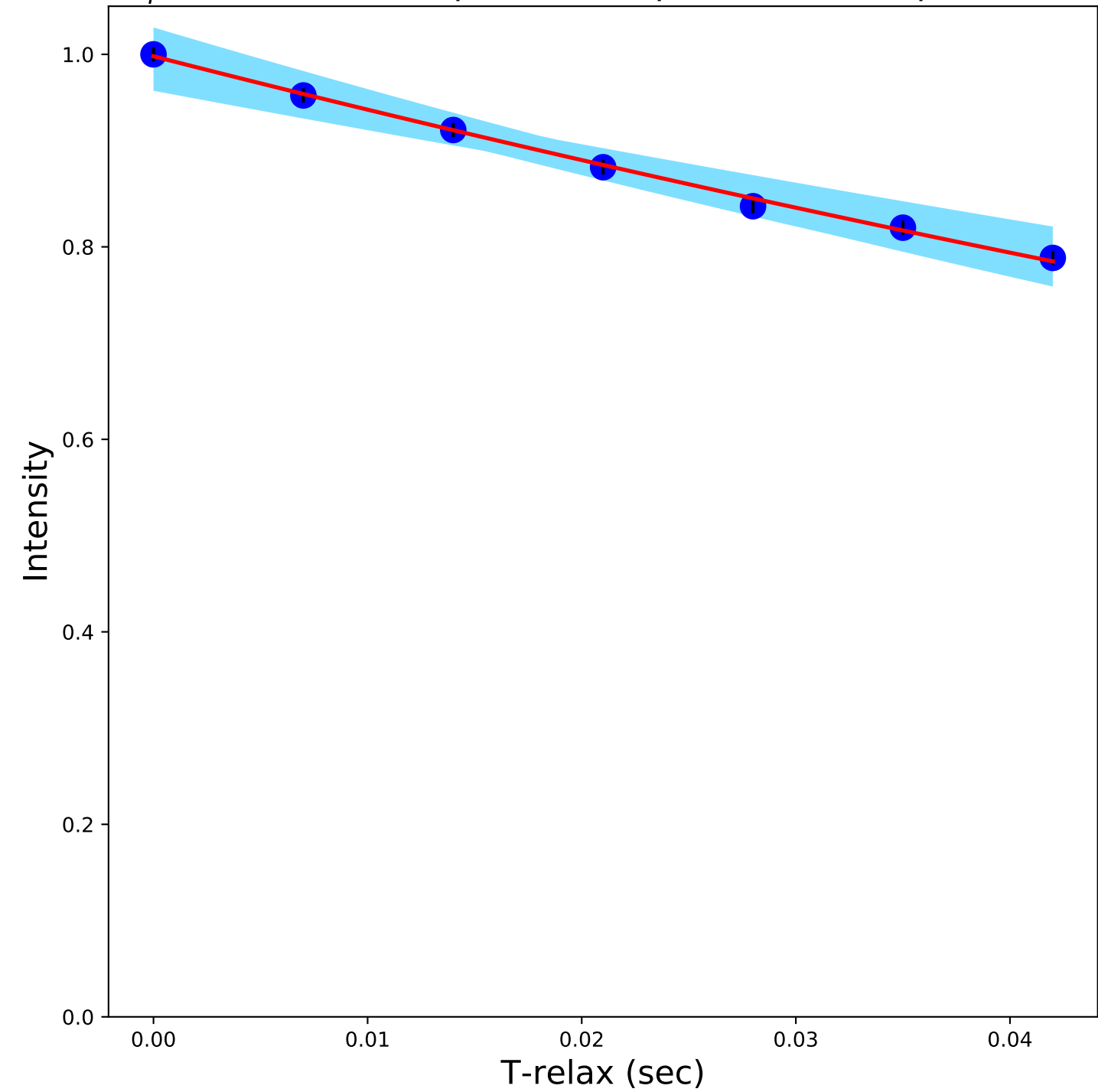
Folder (1429)
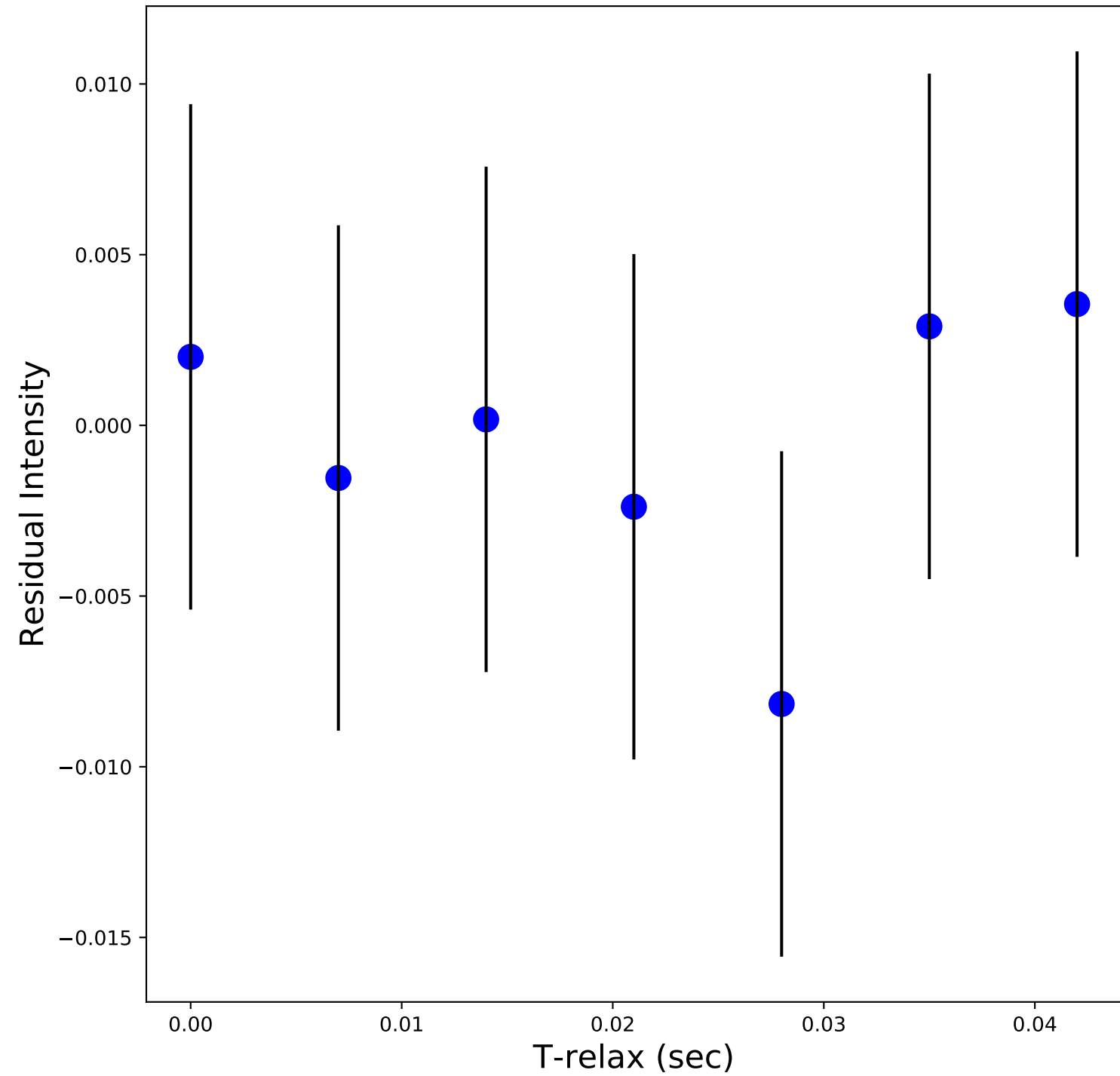
$R_{1\rho}\,4.63 \pm 0.47\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}-620\,Hz\,|\,\overline{\chi}^2 = 0.32$
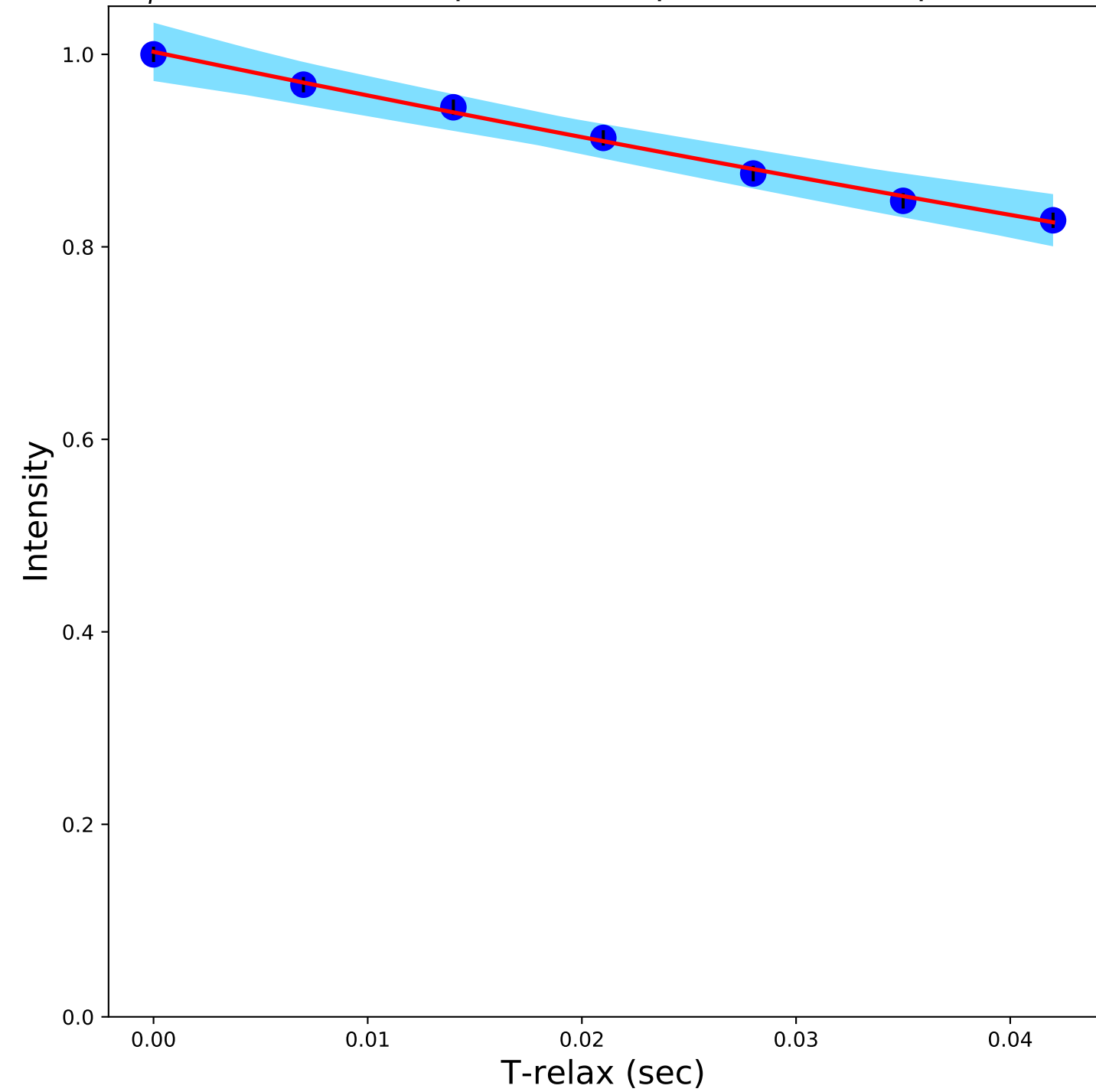
Folder (1430)
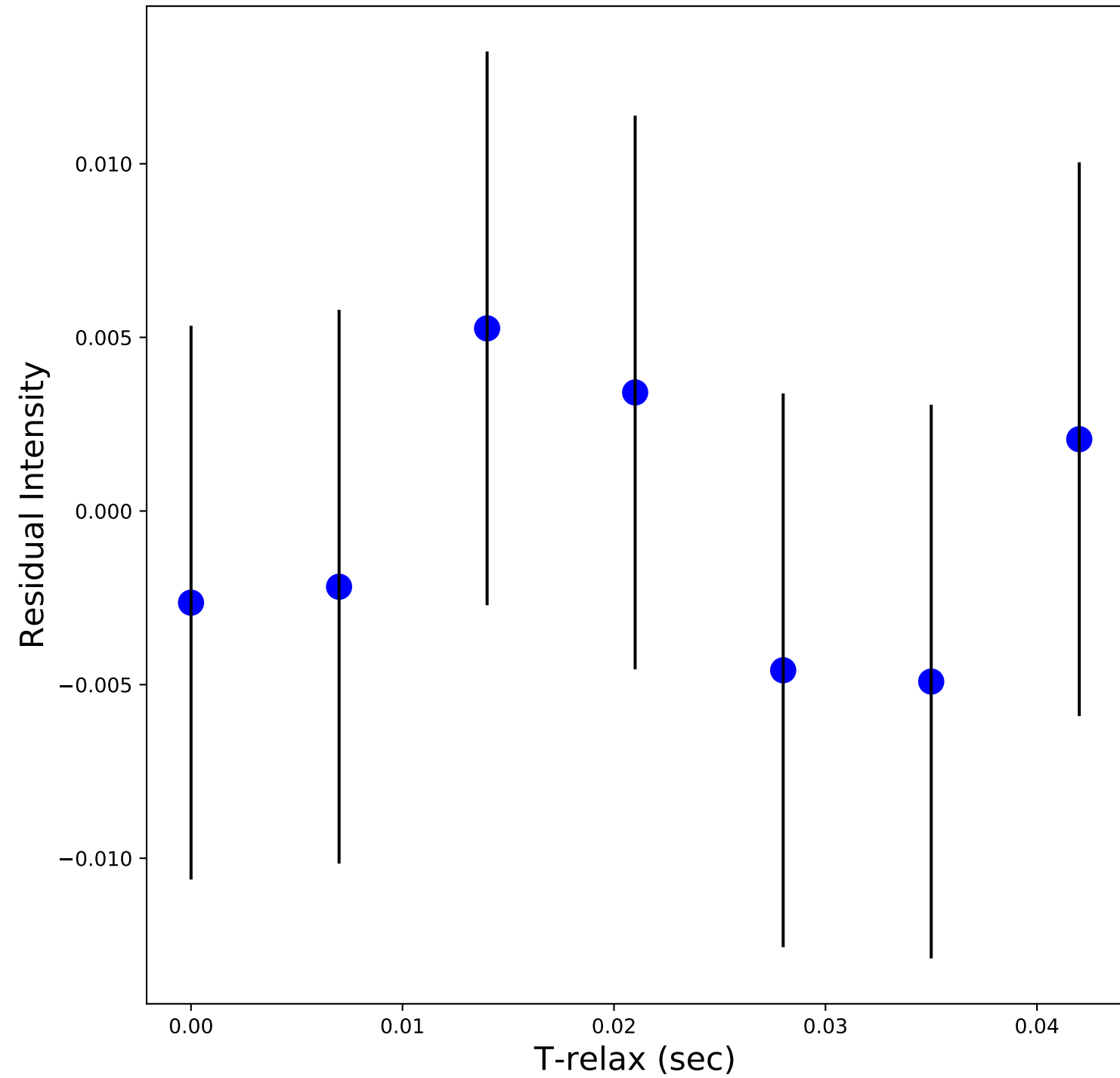
$R_{1\rho}\,5.07 \pm 0.42\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}-640\,Hz\,|\,\overline{\chi}^2 = 0.75$
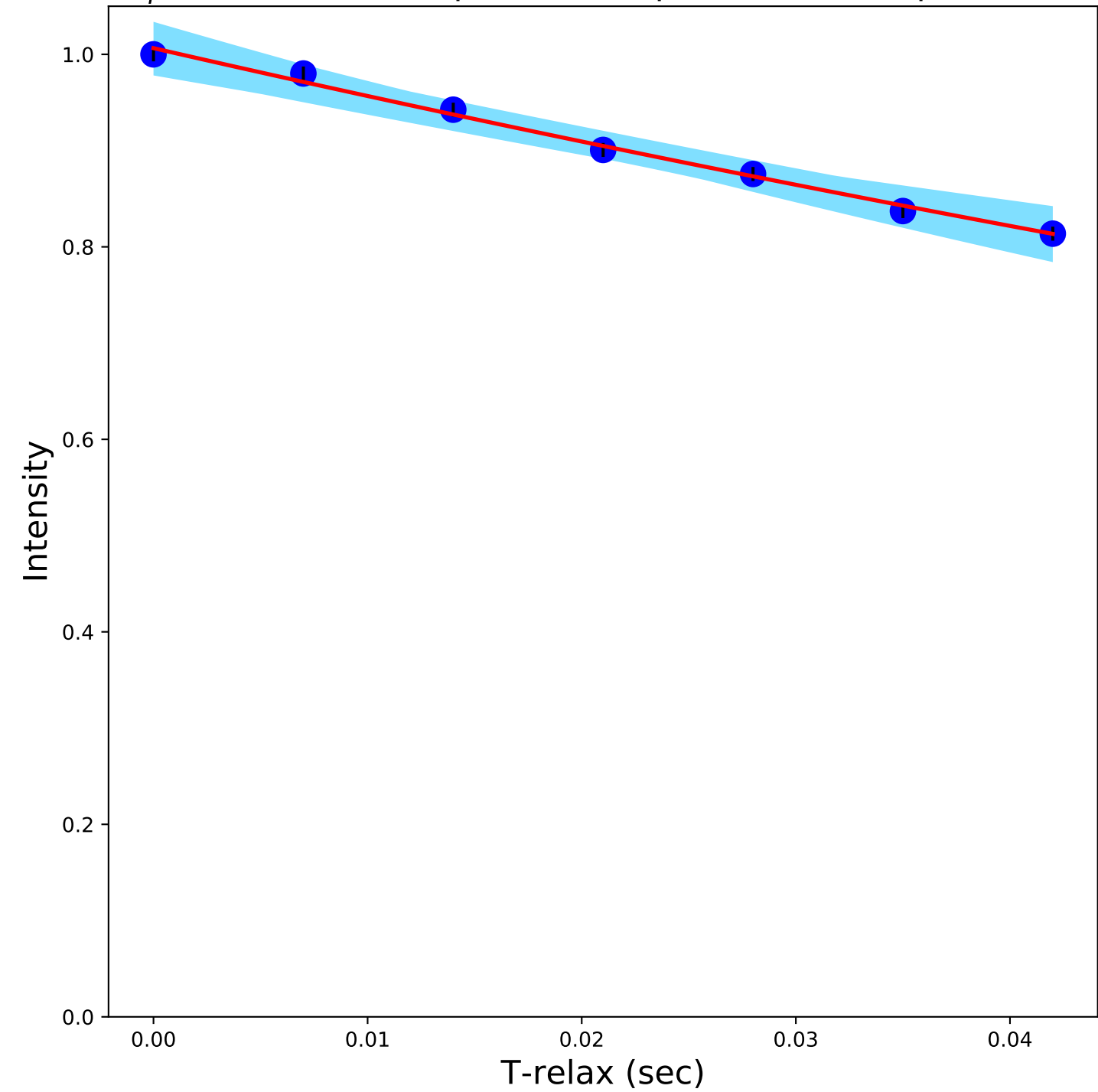
Folder (1431)
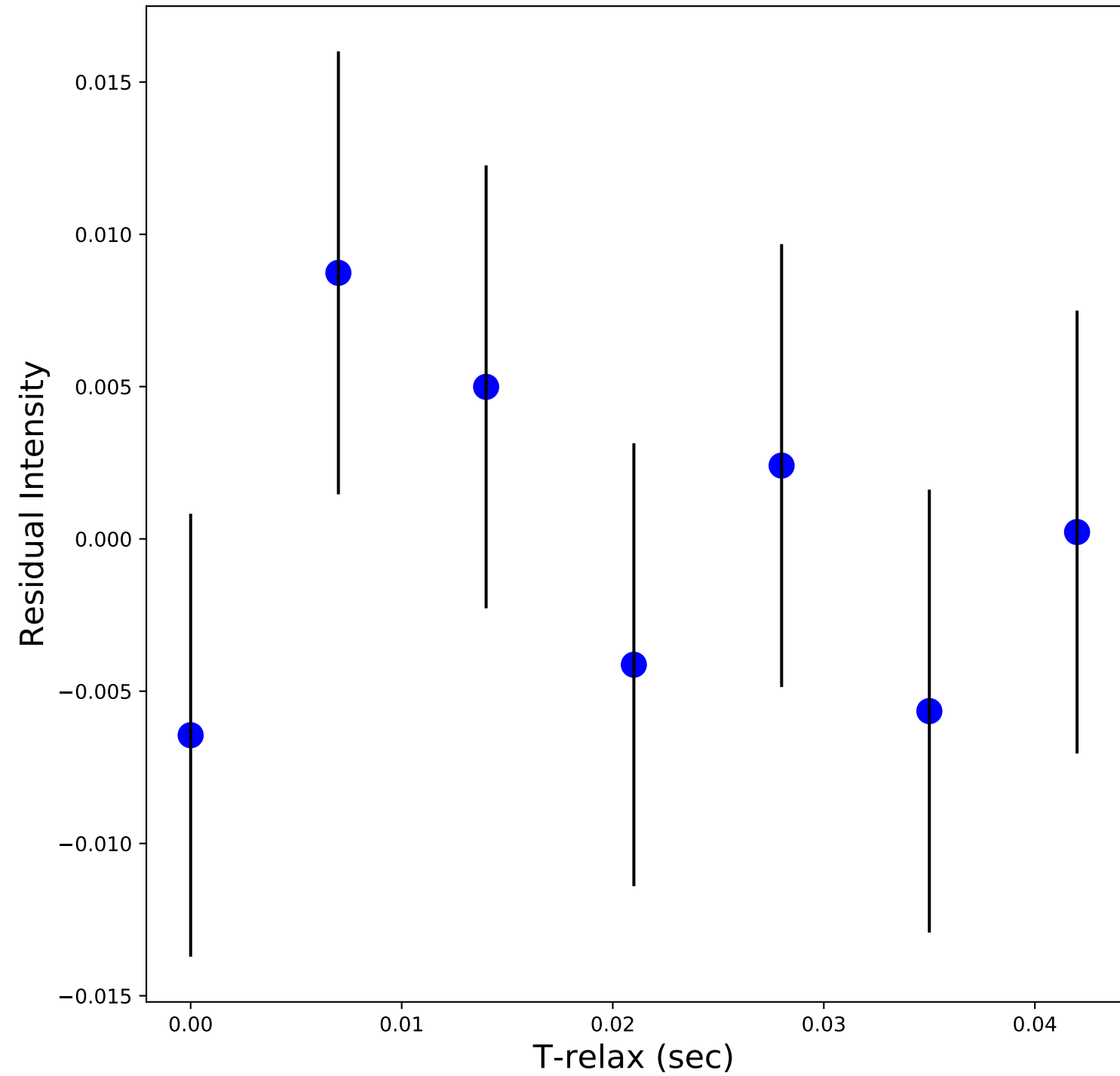
$R_{1\rho}\,4.66 \pm 0.42\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}\,-660\,Hz\,|\,\overline{\chi}^2 = 0.26$
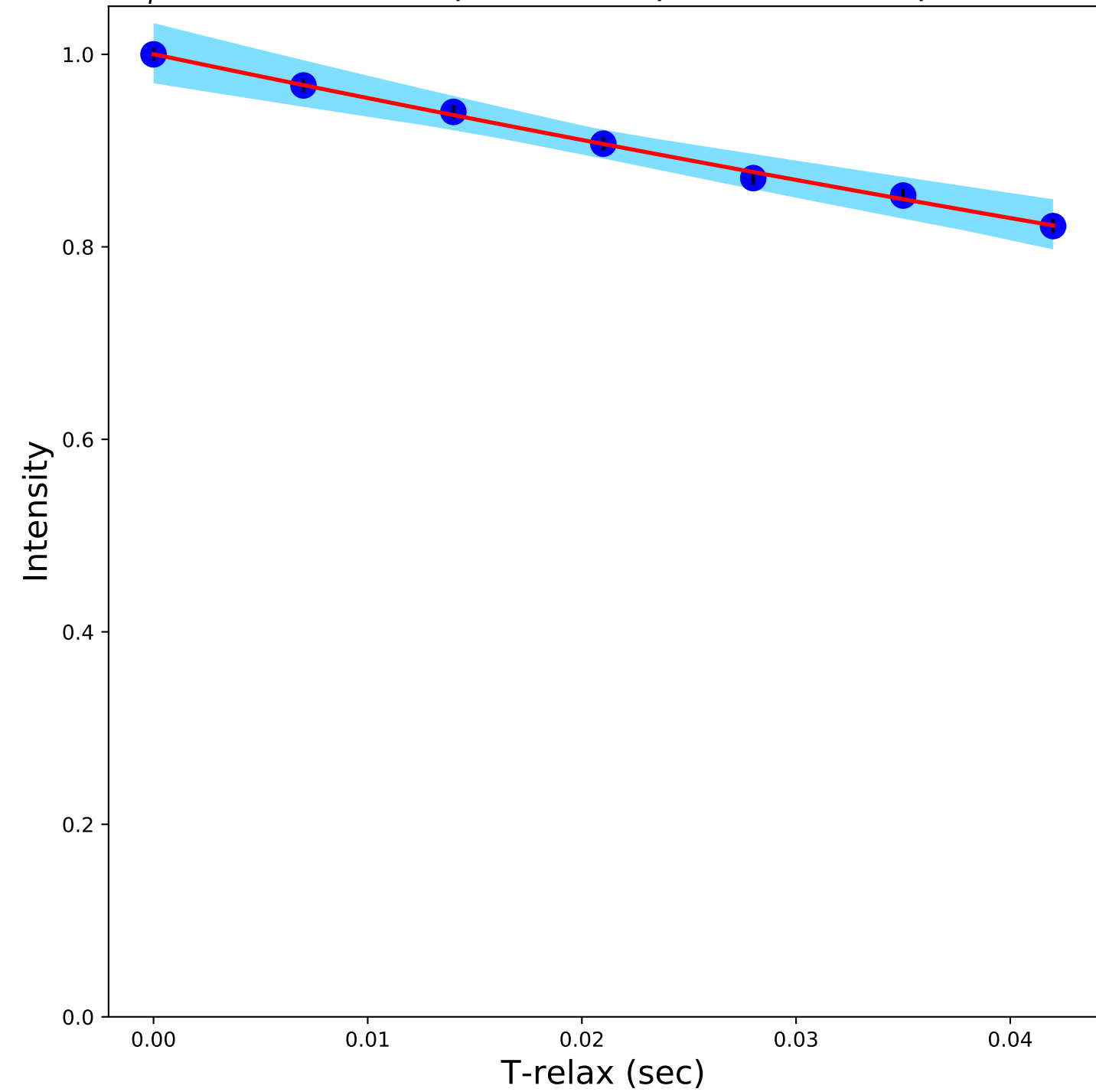
Folder (1432)
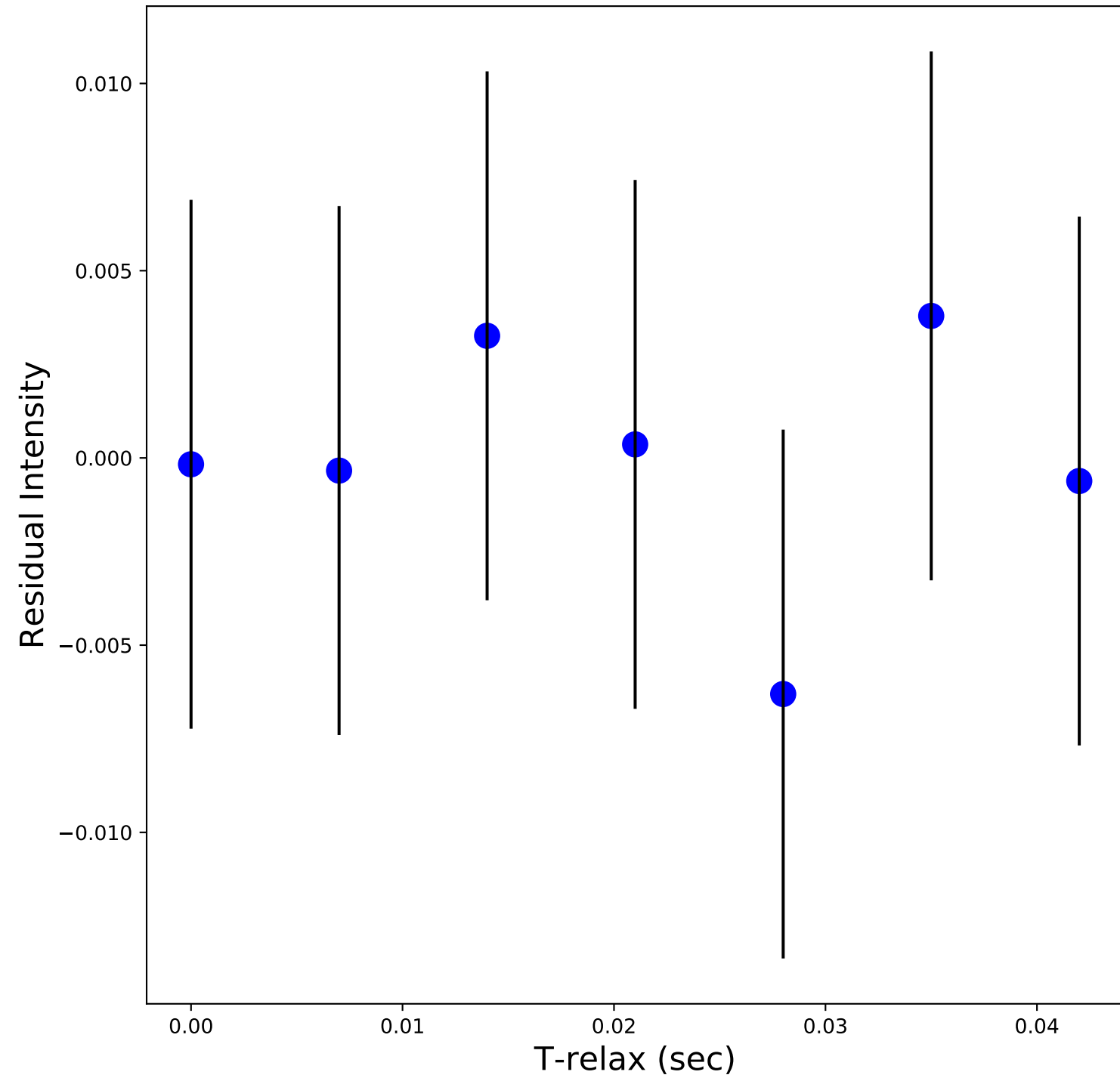
$R_{1\rho} \, 4.1 \pm 0.43 \, s^{-1} \, | \, \omega_1 \, 100 \, Hz \, | \, \Omega_{eff} - 680 \, Hz \, | \, \overline{\chi}^2 = 0.87$
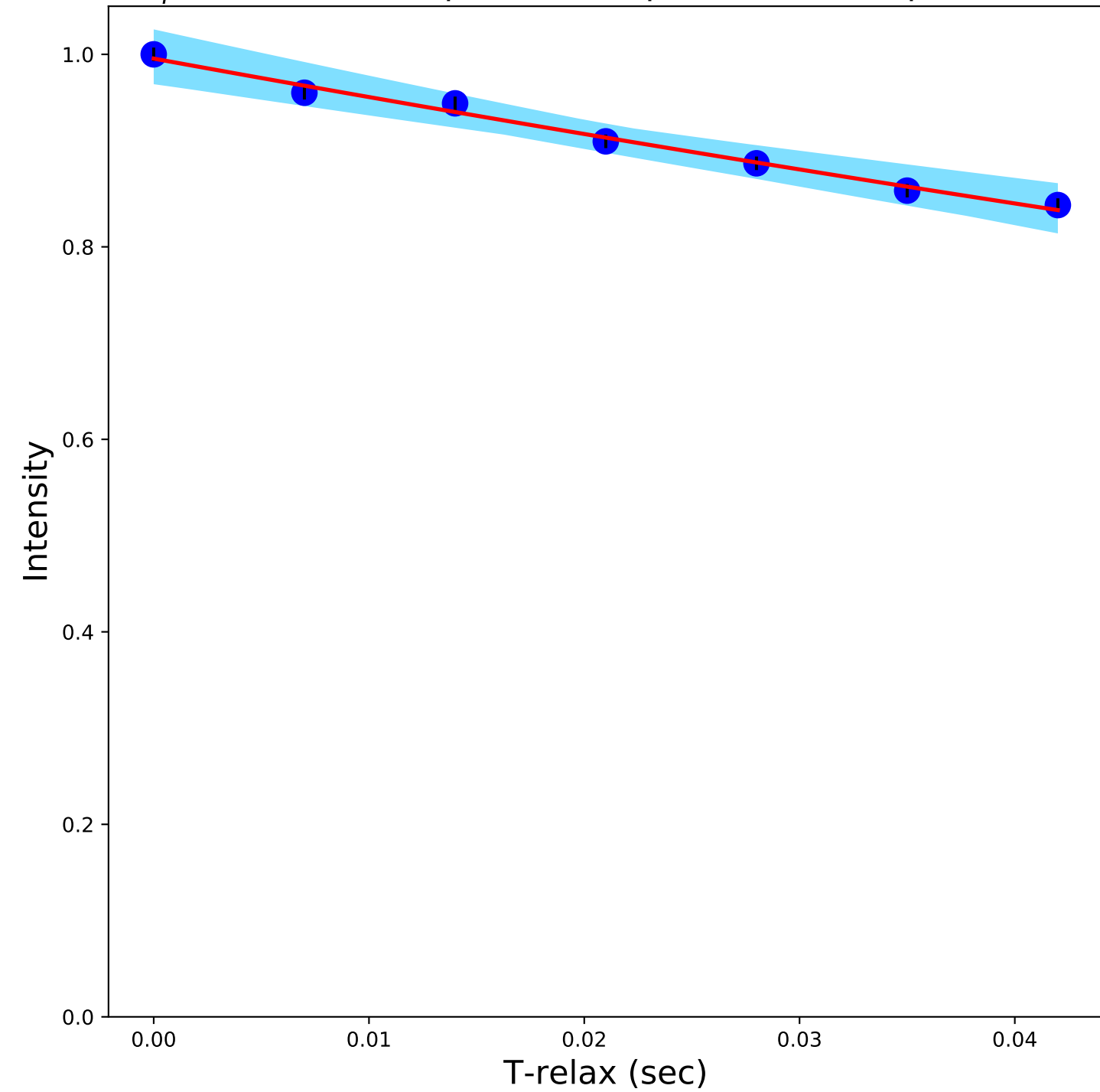
Folder (1433)
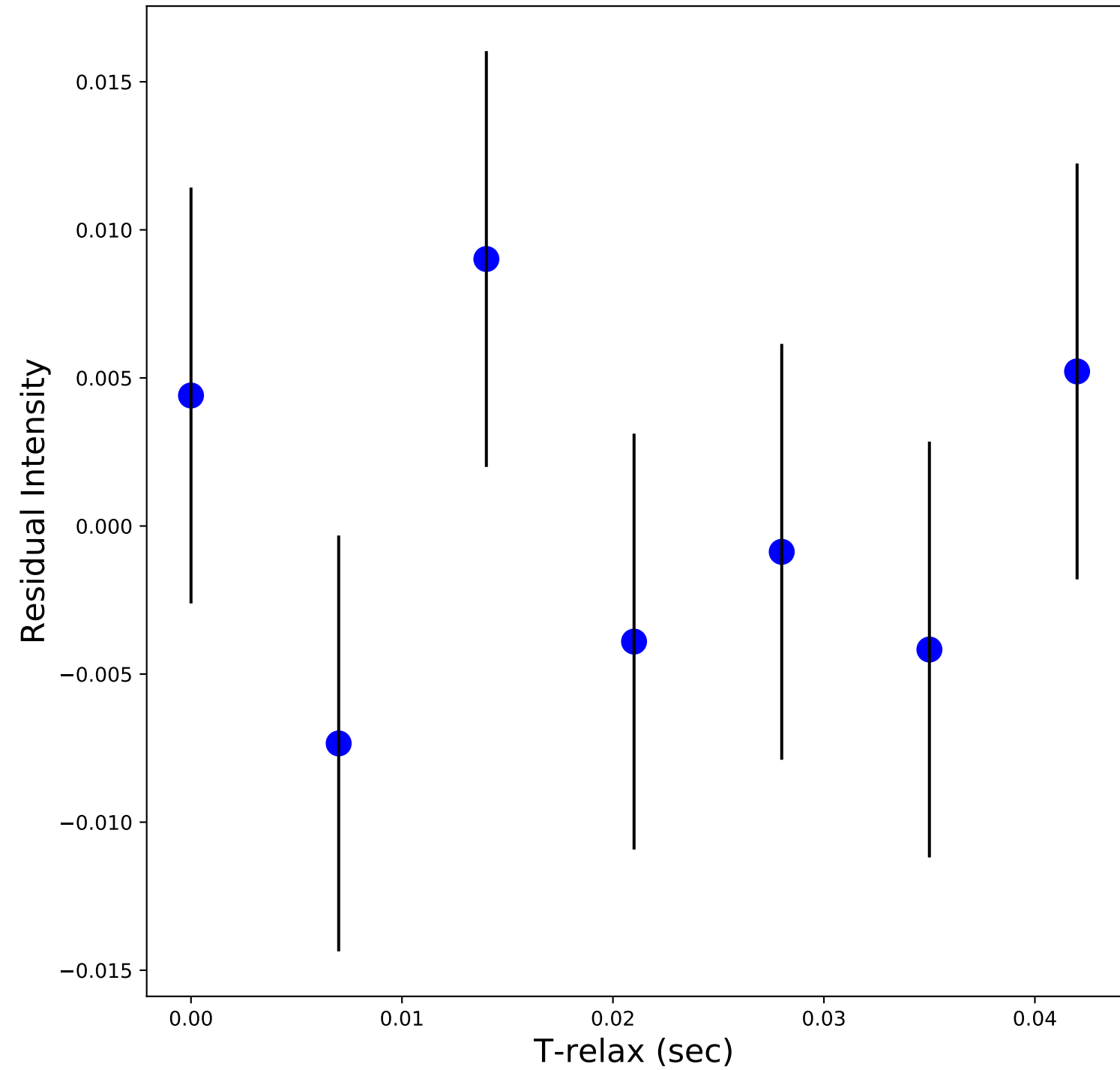
$R_{1\rho}\ 4.07 \pm 0.42\ s^{-1}\ |\ \omega_1\ 100\ Hz\ |\ \Omega_{eff} - 700\ Hz\ |\ \overline{\chi}^2 = 0.21$
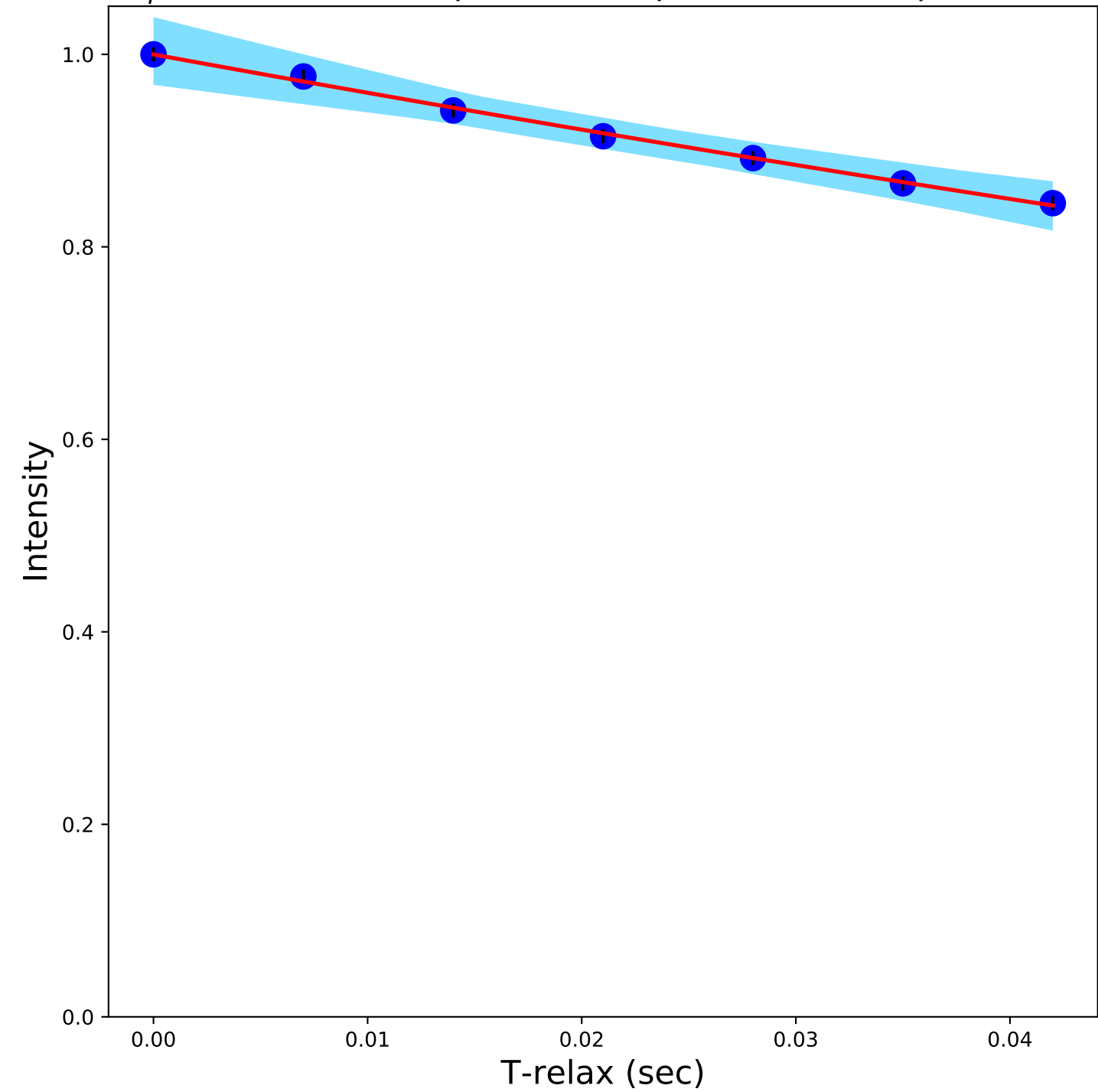
Folder (1434)
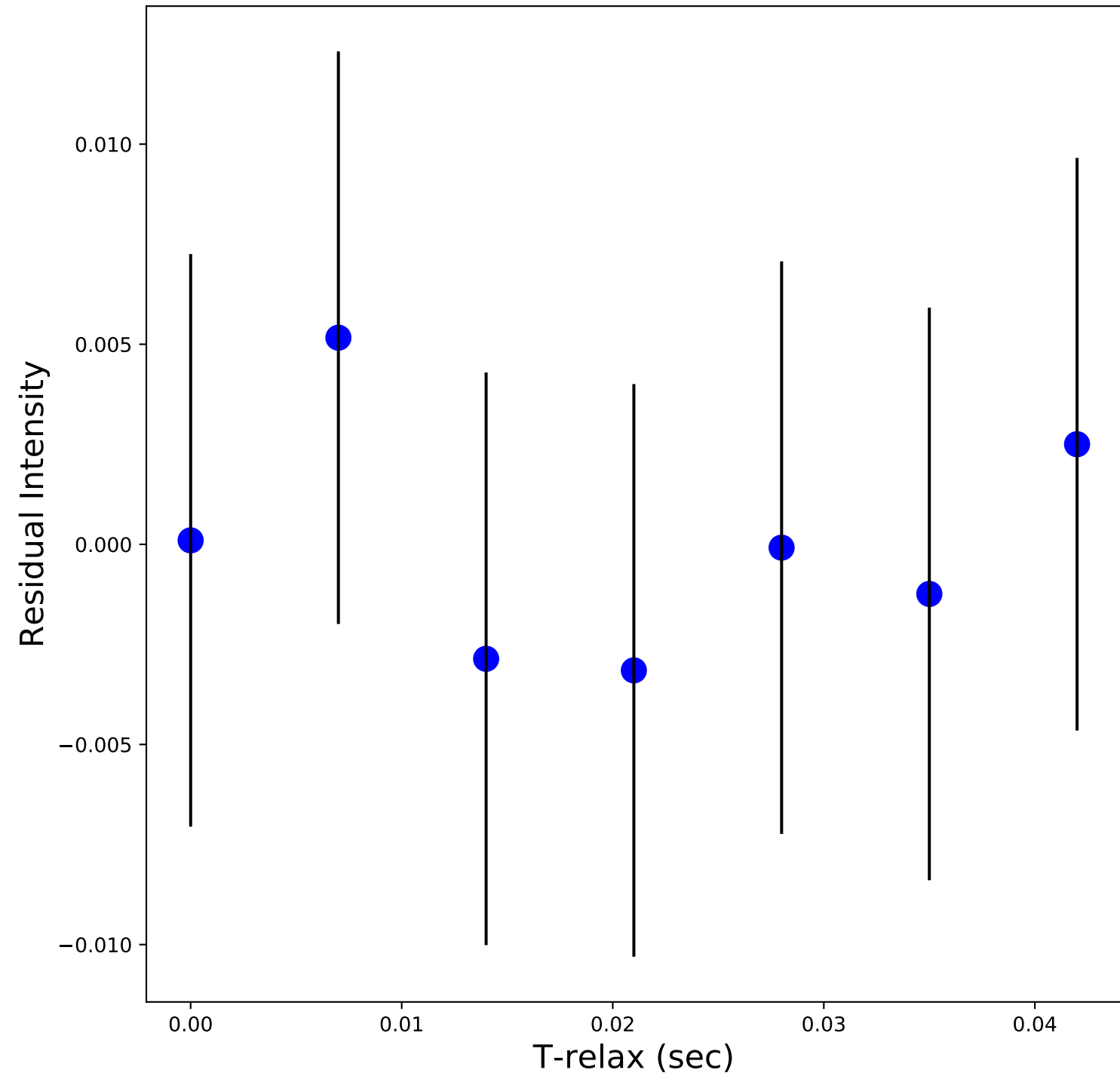
$R_{1\rho}\ 3.59 \pm 0.35\ s^{-1}\ |\ \omega_1\ 100\ Hz\ |\ \Omega_{eff} - 750\ Hz\ |\ \overline{\chi}^2 = 0.8$
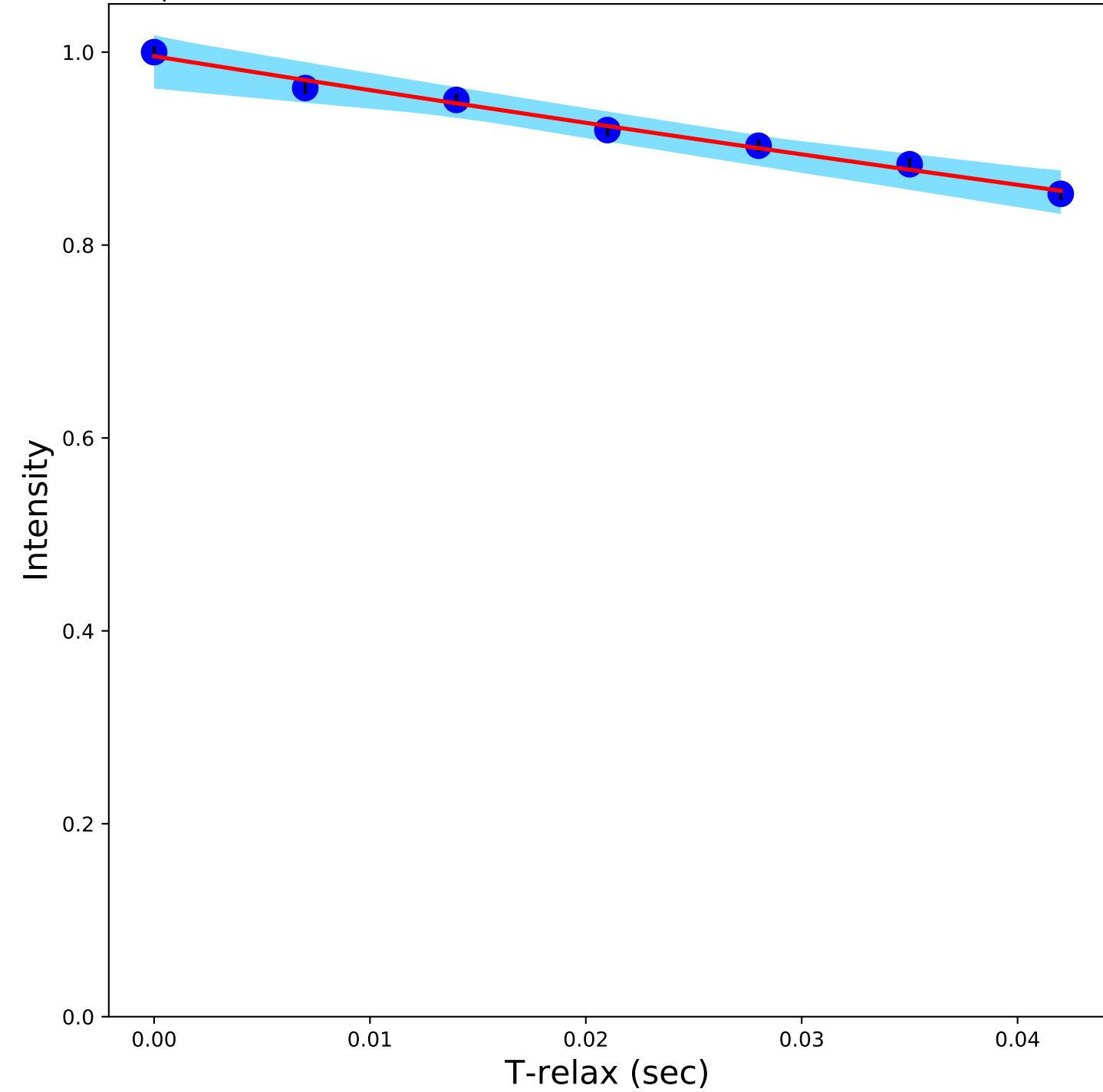
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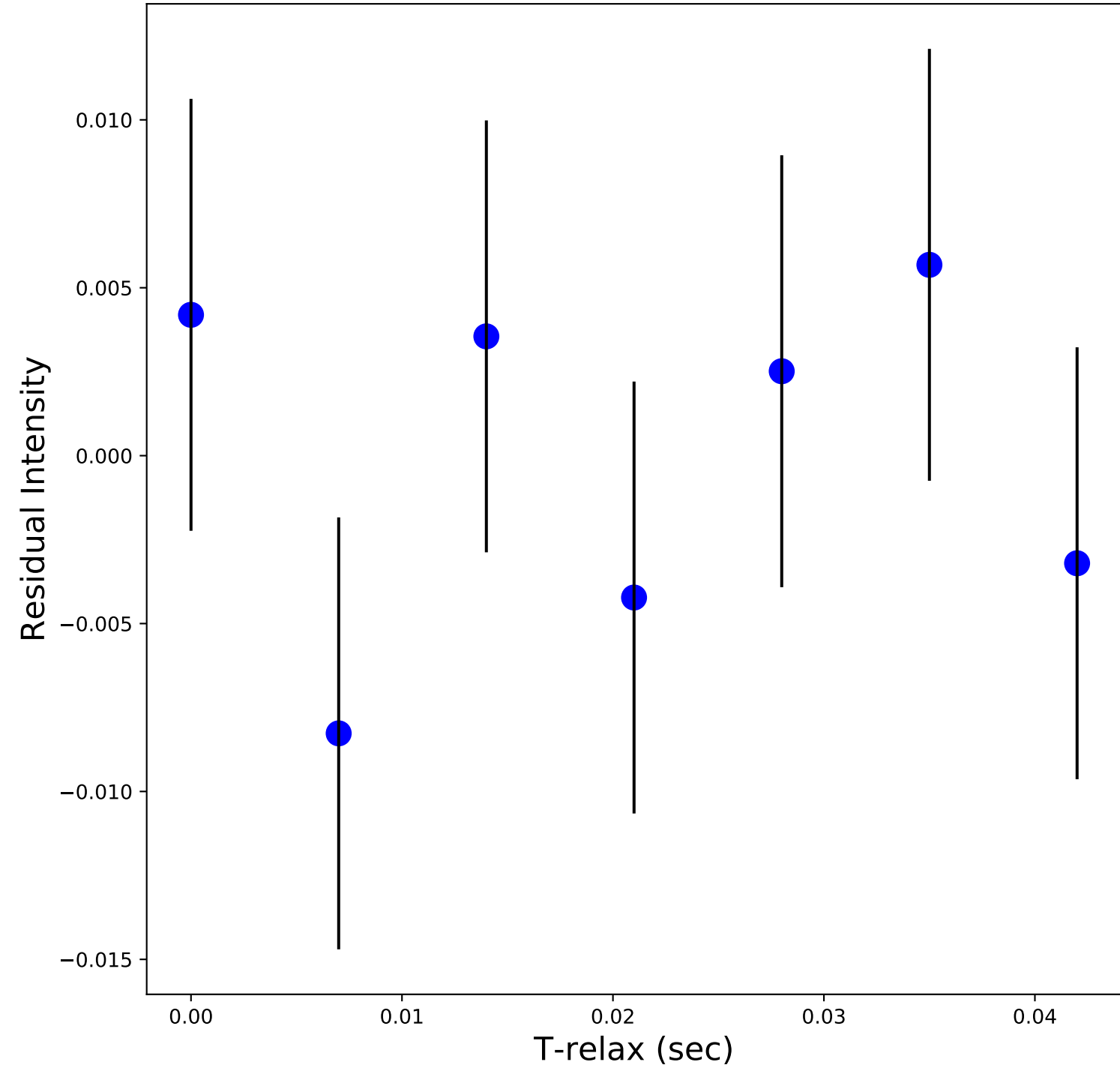
$R_{1\rho}\,3.34 \pm 0.43\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}-800\,Hz\,|\,\overline{\chi}^2 = 0.64$
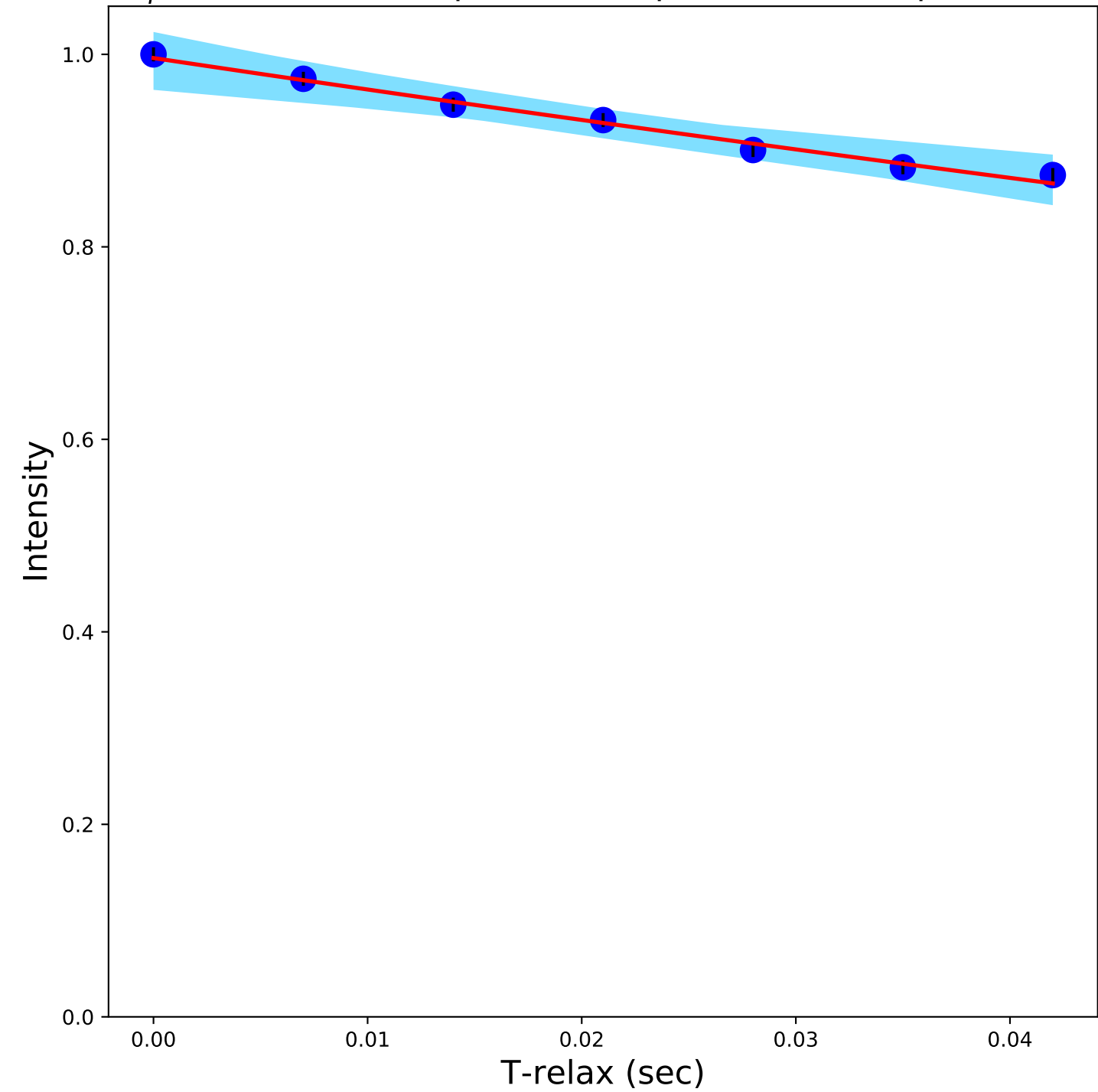
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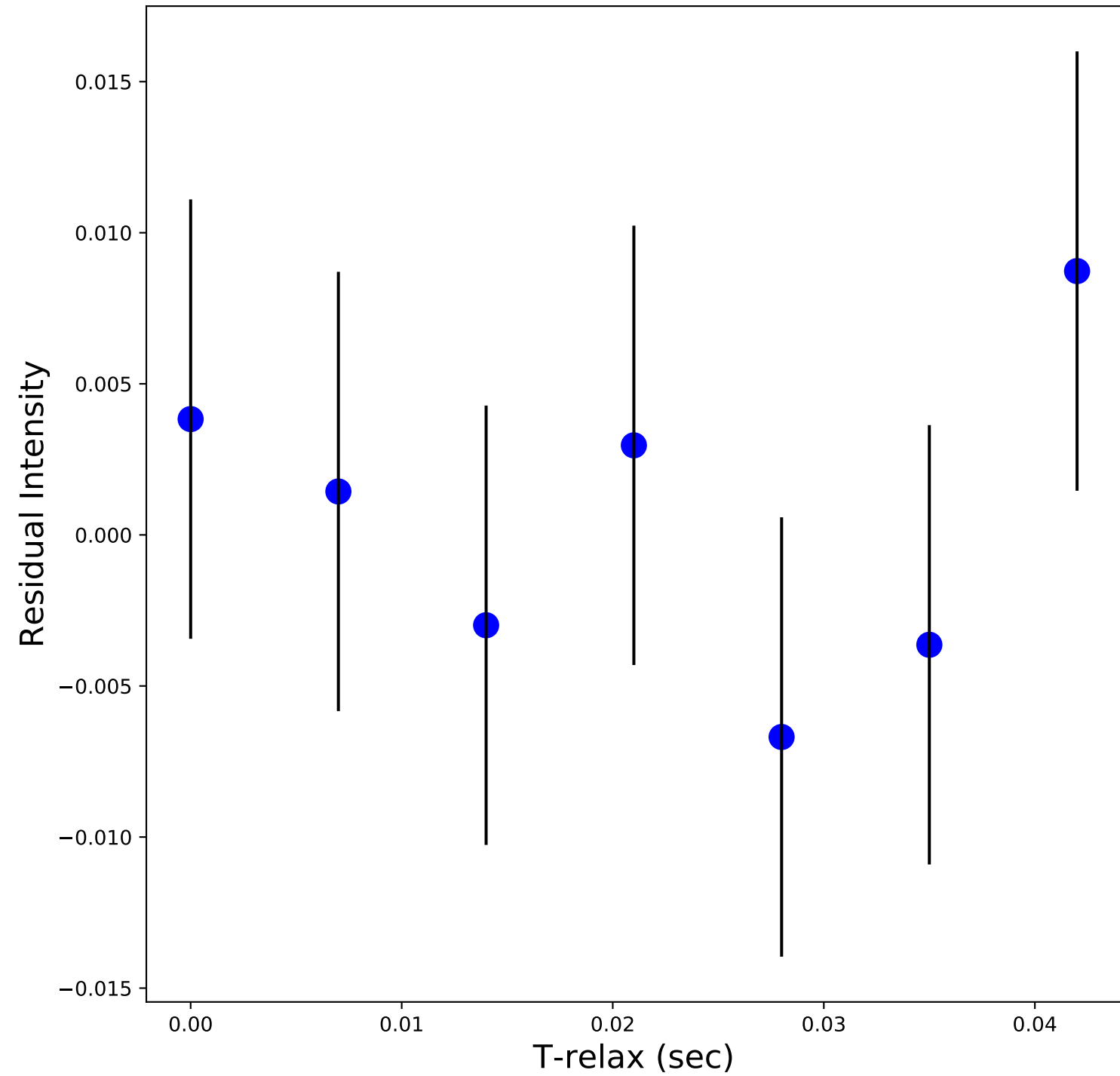
$R_{1\rho}\,3.38 \pm 0.44\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}-850\,Hz\,|\,\overline{\chi}^2 = 0.37$
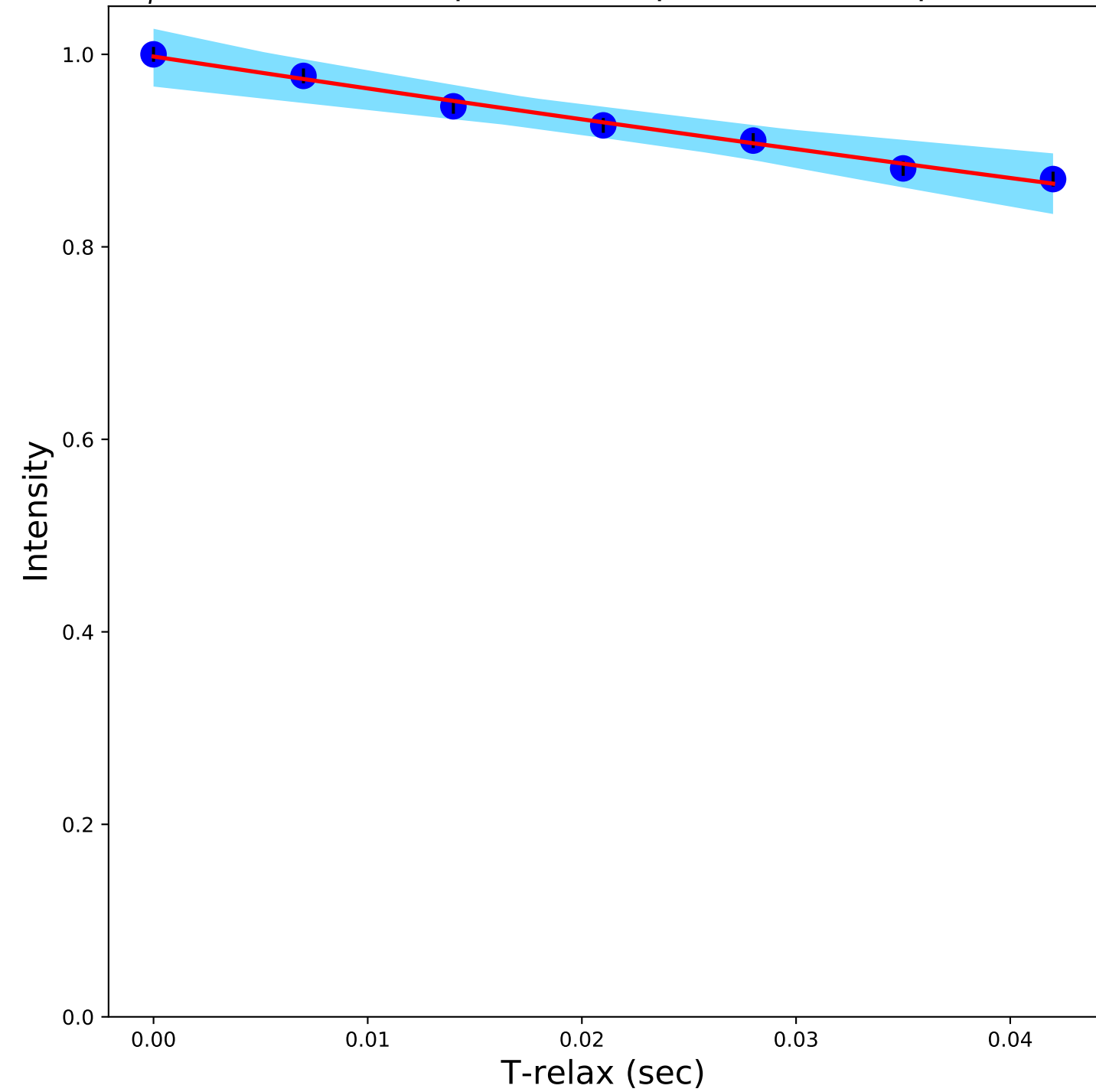
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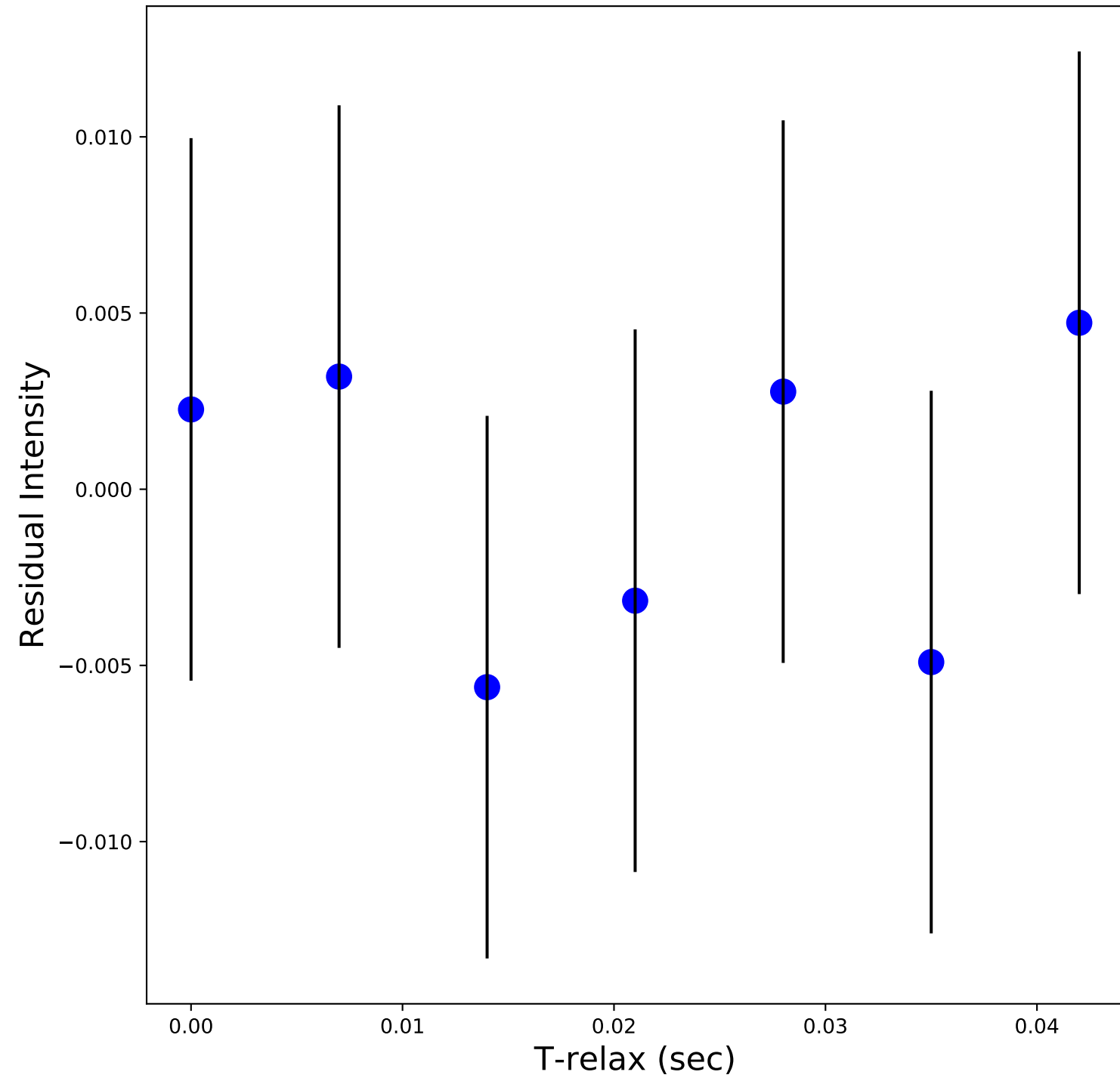
$R_{1\rho}\ 3.29 \pm 0.32\ s^{-1}\ |\ \omega_1\ 100\ Hz\ |\ \Omega_{eff} - 900\ Hz\ |\ \overline{\chi}^2 = 0.25$
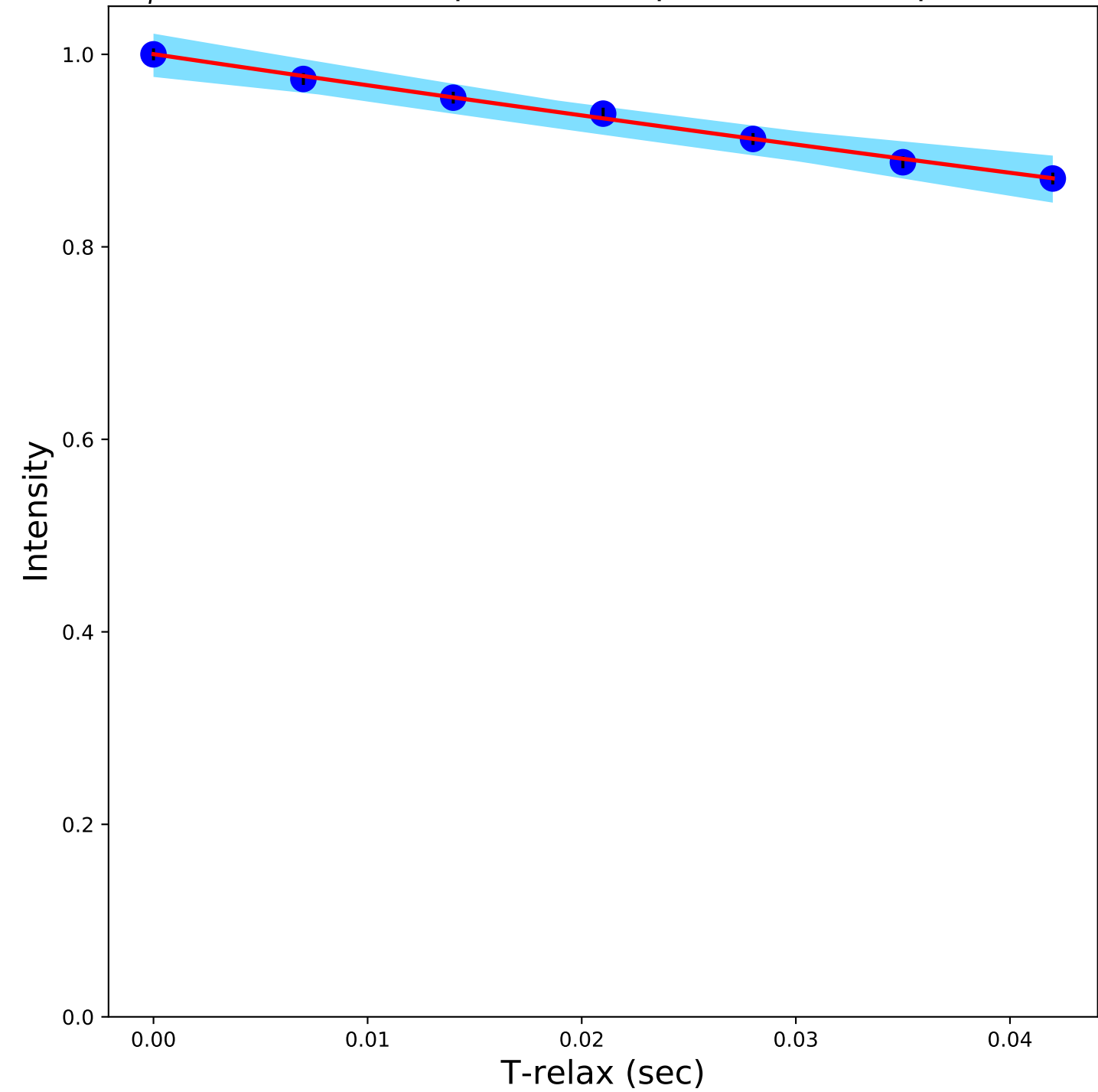
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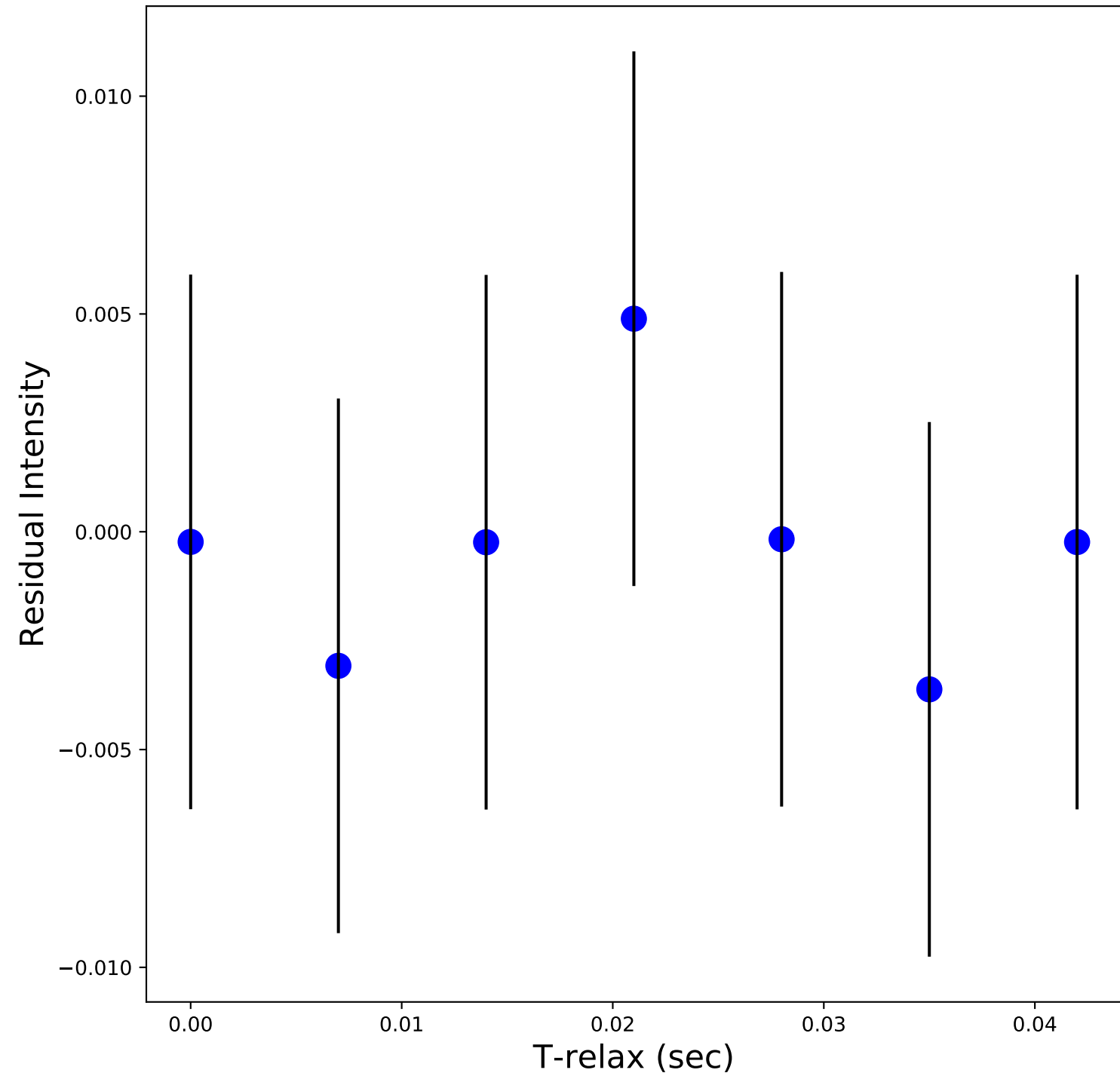
$R_{1\rho}\ 3.02 \pm 0.36\,s^{-1}\,|\,\omega_1\ 100\,Hz\,|\,\Omega_{eff} - 1000\,Hz\,|\,\overline{\chi}^2 = 0.38$
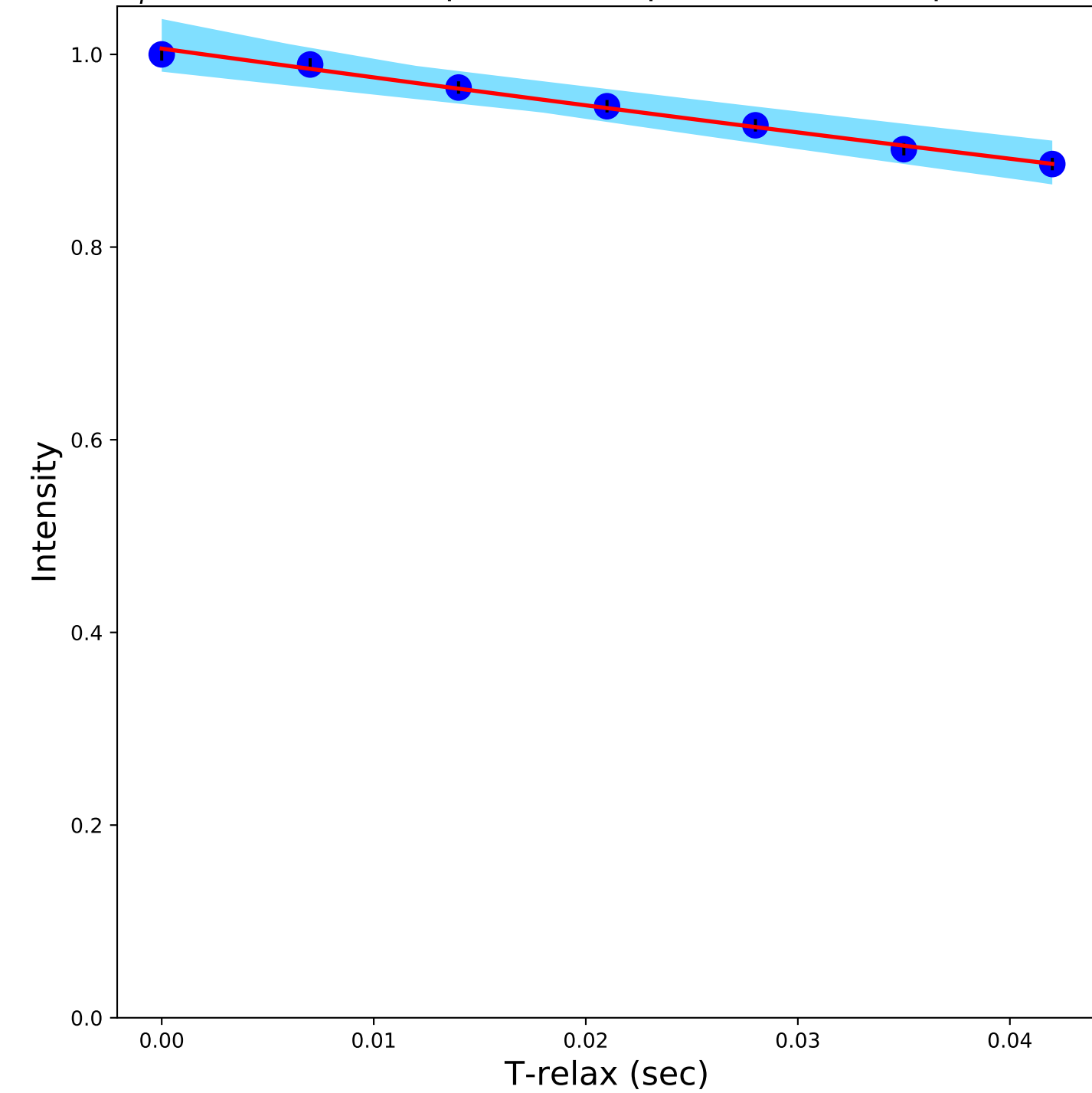
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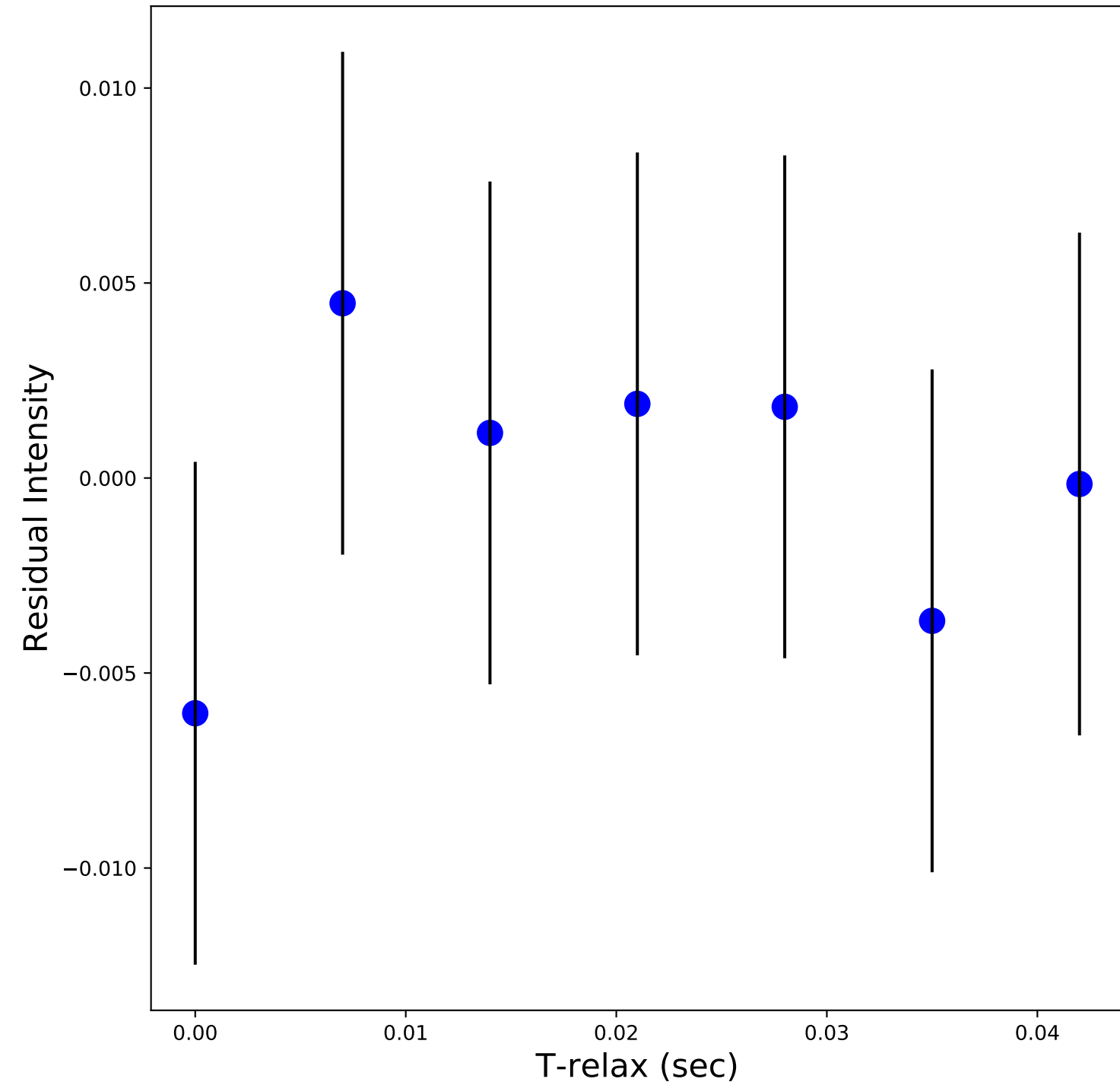
$R_{1\rho}\,8.98\pm0.54\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}\,150\,Hz\,|\,\overline{\chi}^2=0.32$
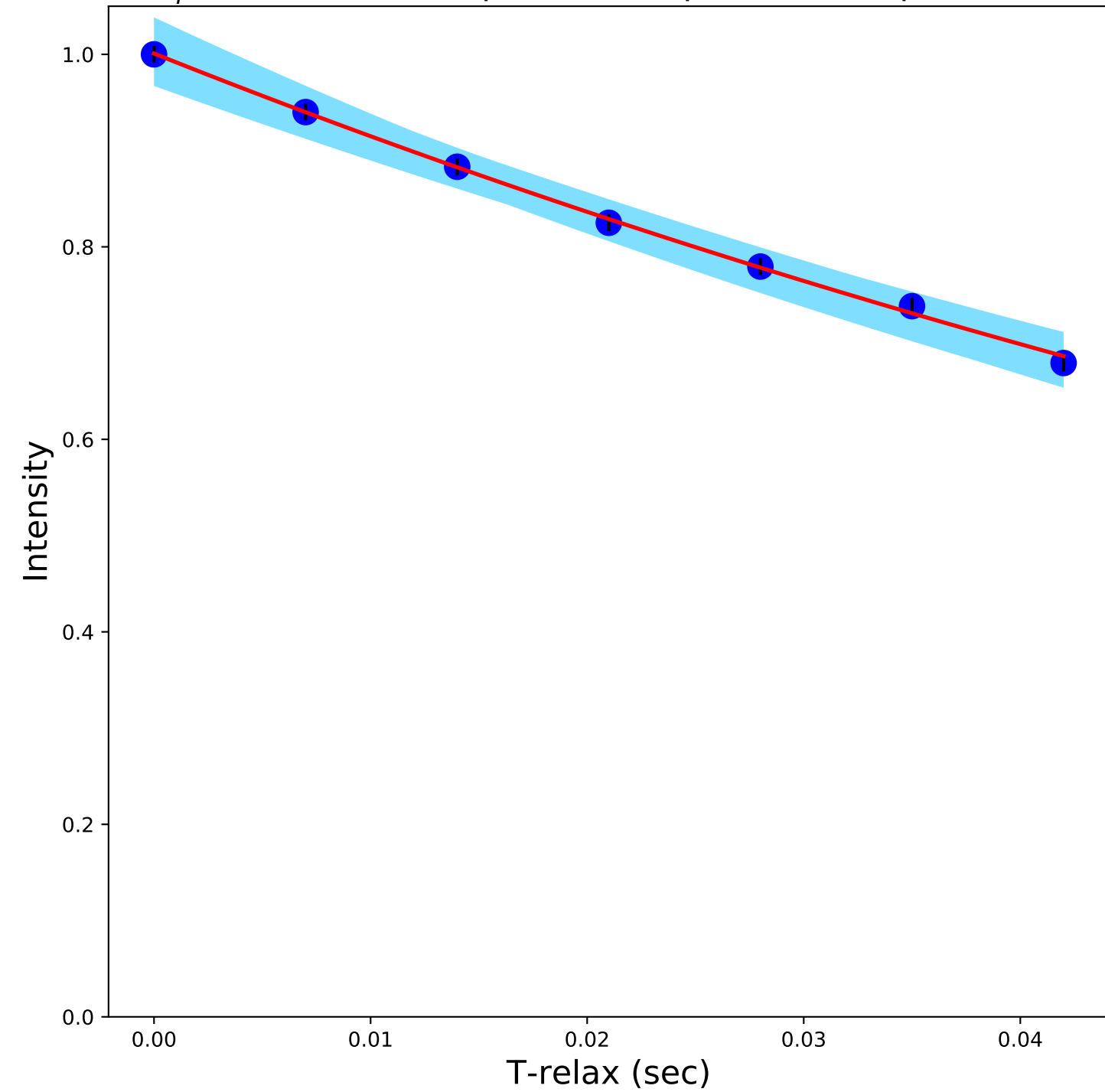
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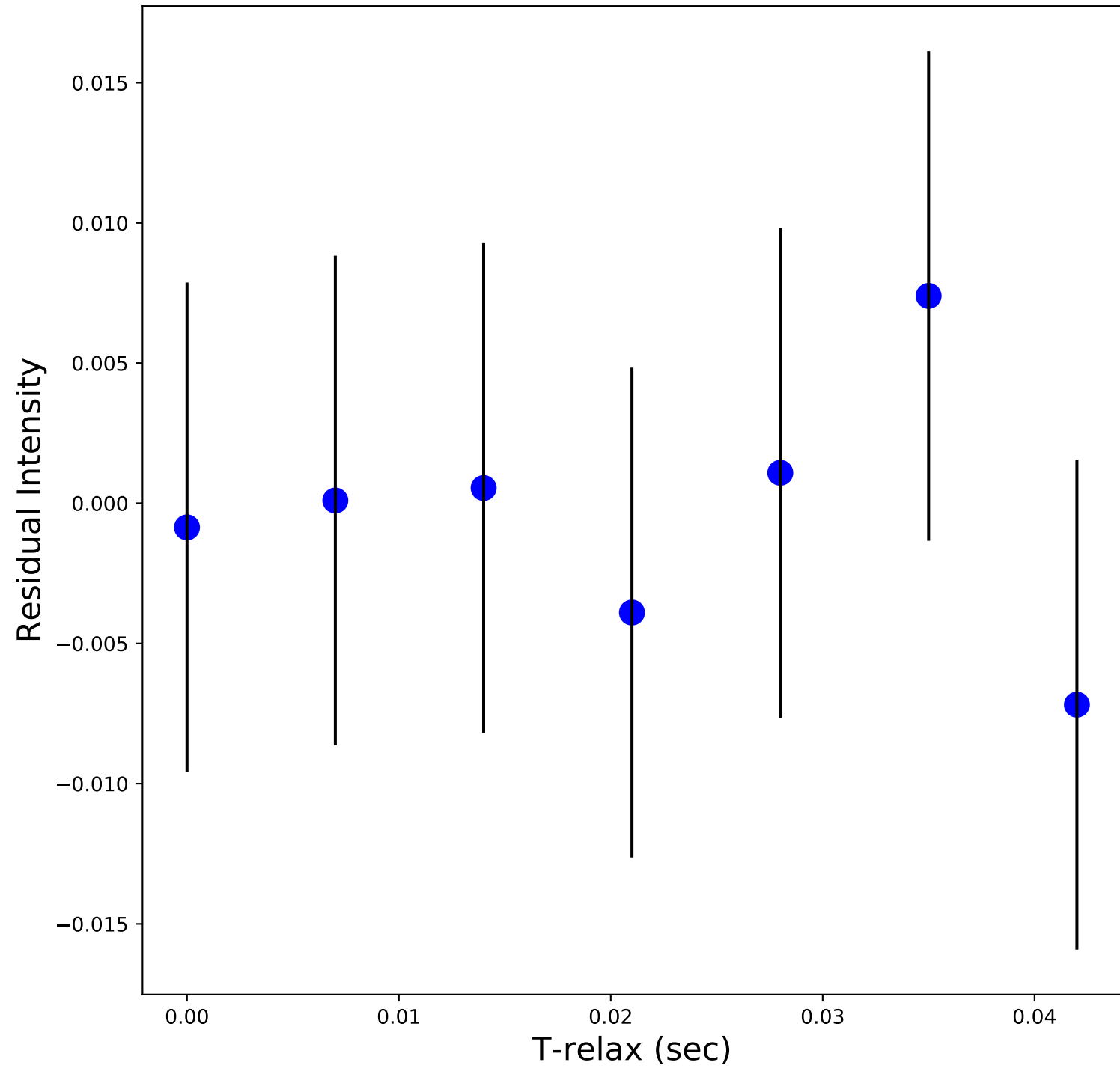
$R_{1\rho}\,3.86 \pm 0.34\,s^{-1}\,|\,\omega_1\,100\,Hz\,|\,\Omega_{eff}\,400\,Hz\,|\,\overline{\chi}^2 = 0.41$
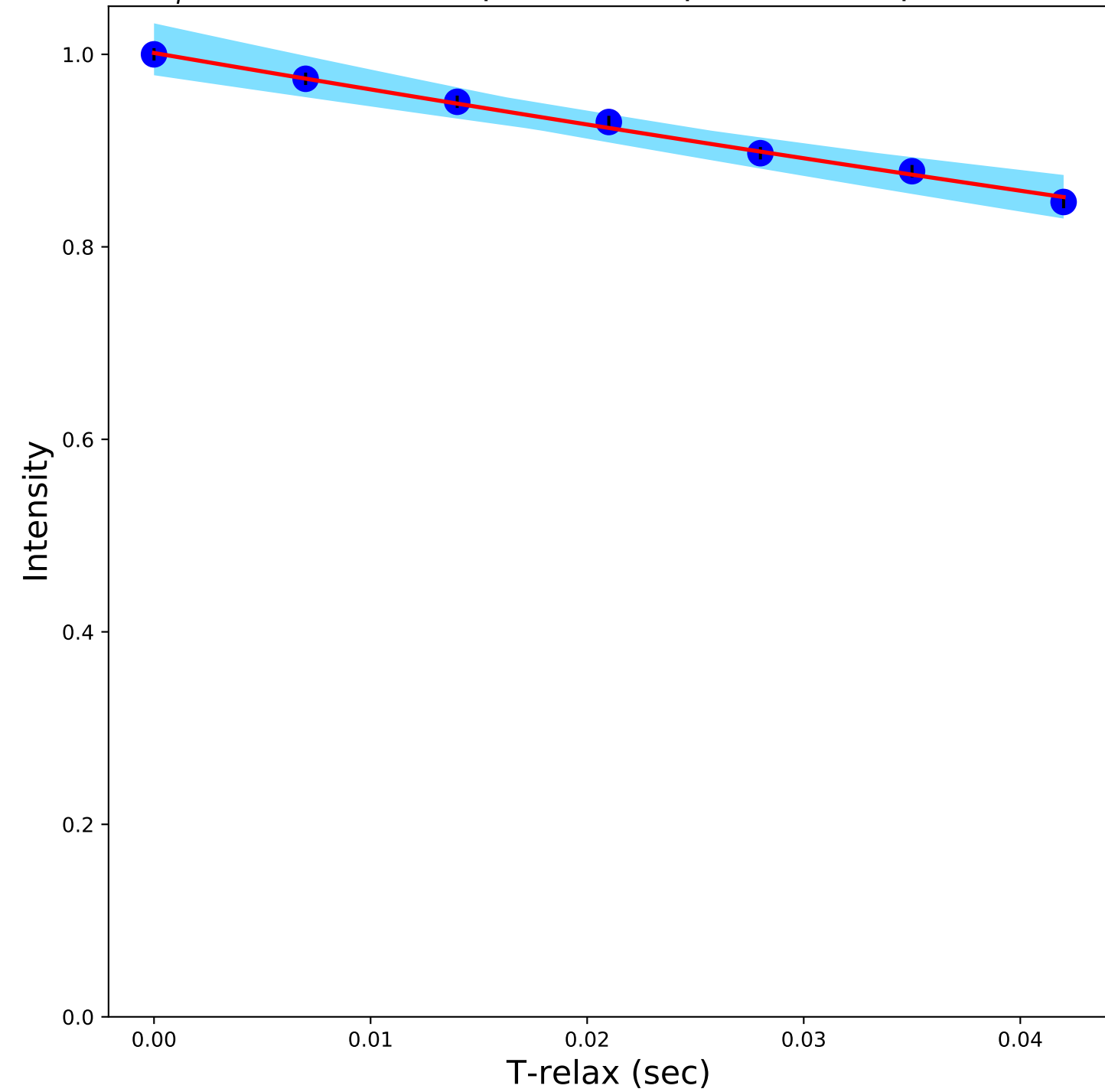
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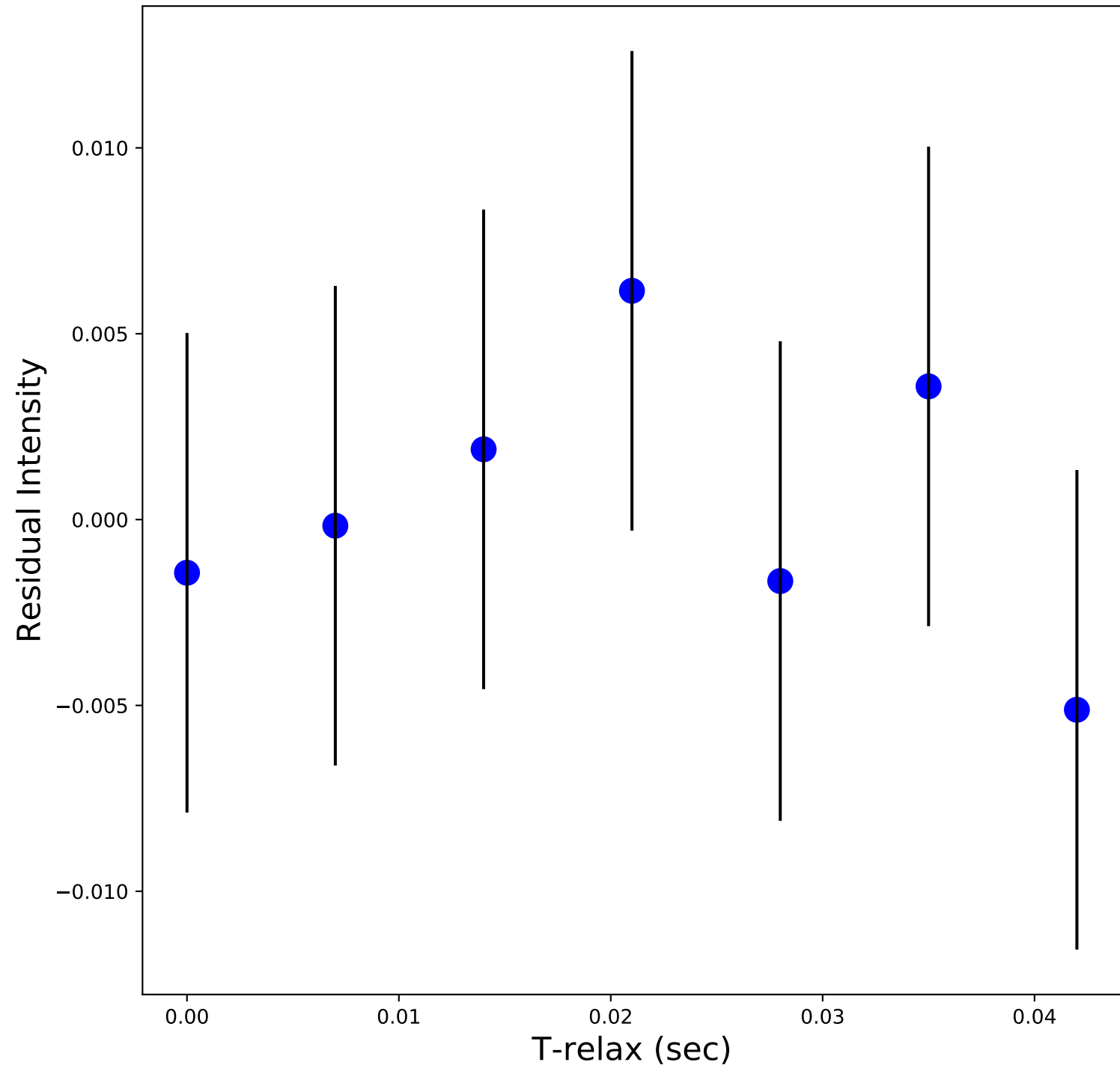
$R_{1\rho}\ 19.45 \pm 0.6\ s^{-1}\,|\,\omega_1\ 150\ Hz\,|\,\Omega_{eff} - 100\ Hz\,|\,\overline{\chi}^2 = 0.2$
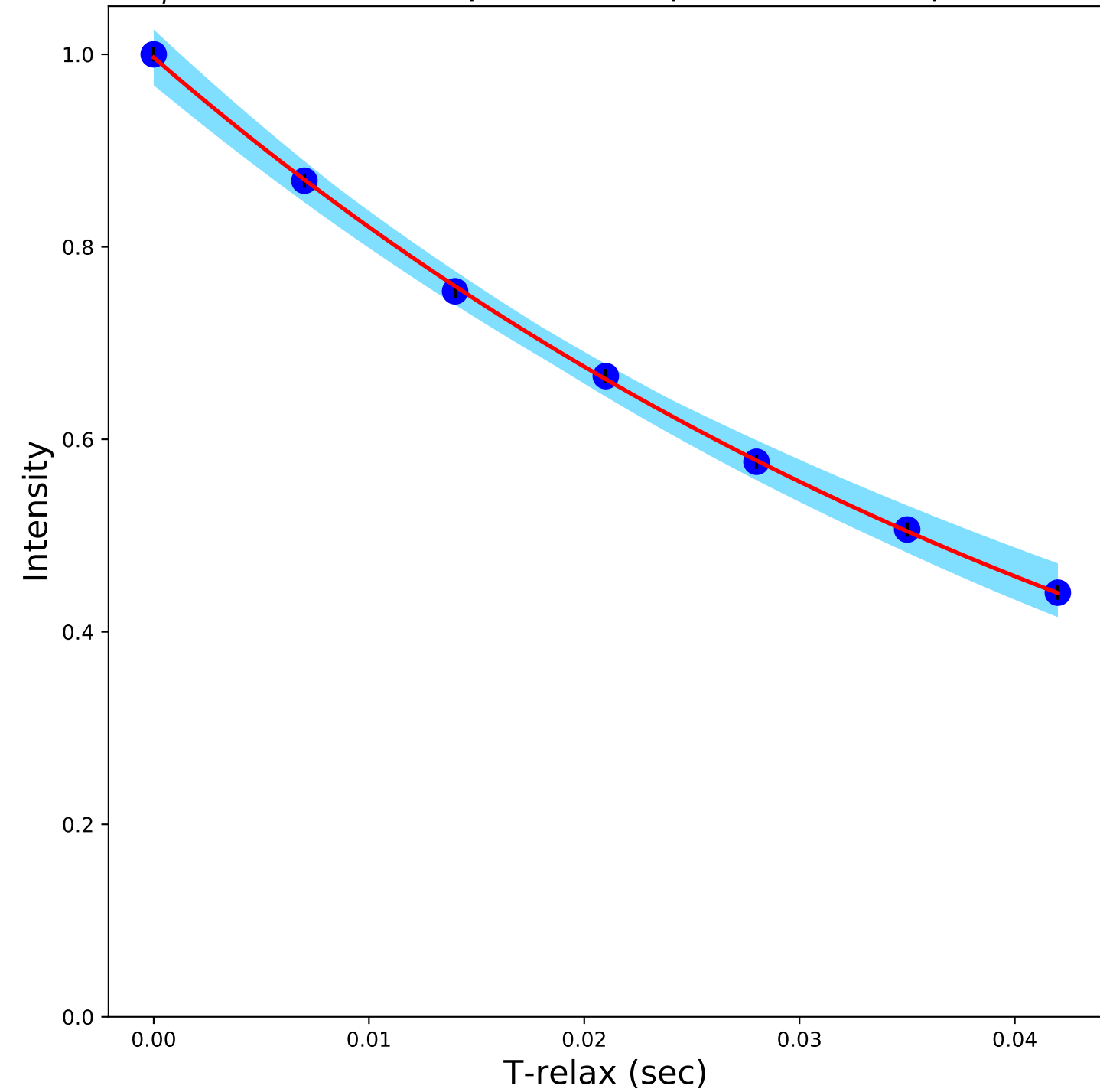
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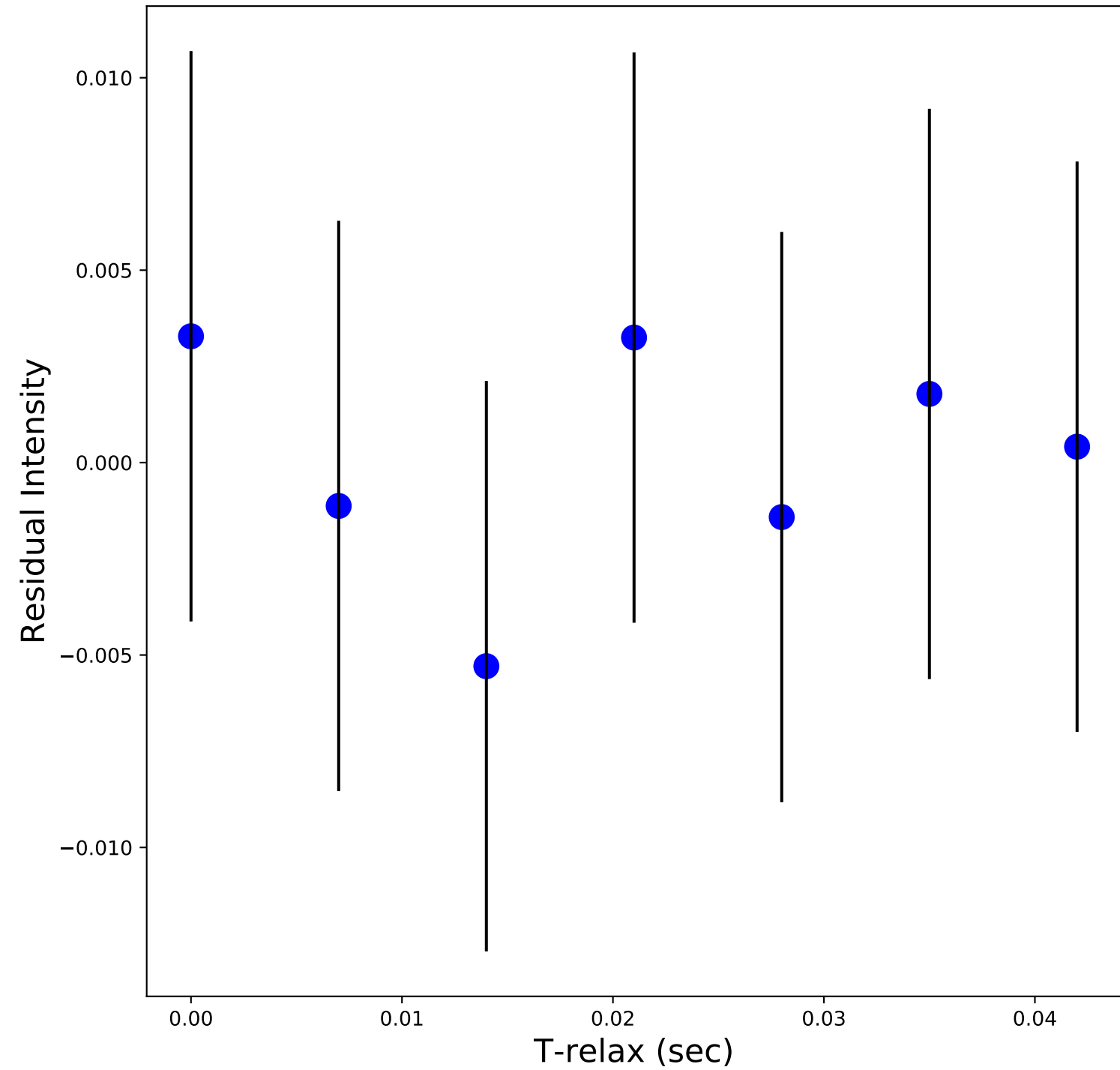
$R_{1\rho}$ $12.55 \pm 0.53\,s^{-1}$ | ω_1 $150\,Hz$ | Ω_{eff} $-200\,Hz$ | $\overline{\chi}^2 = 0.4$
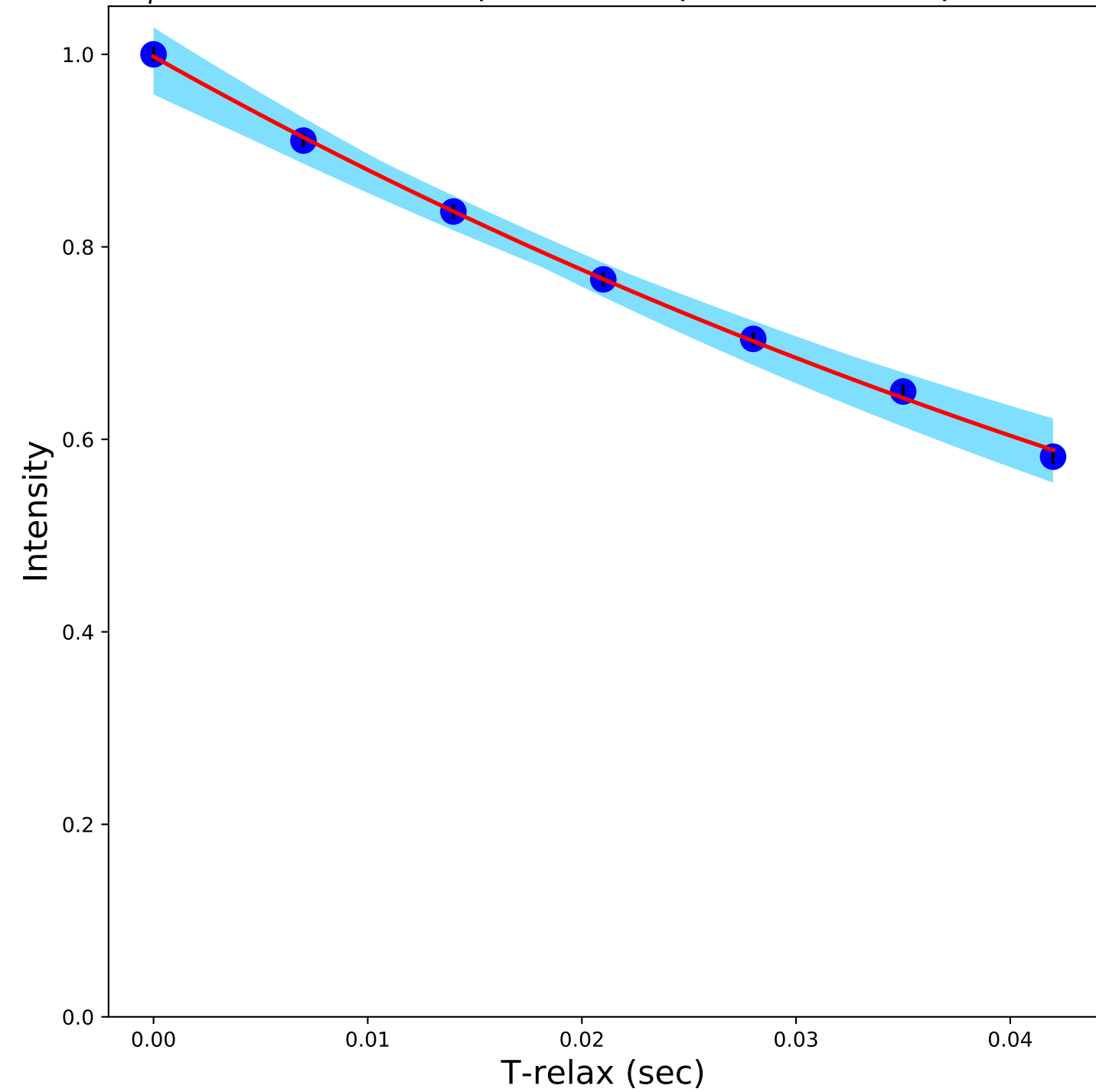
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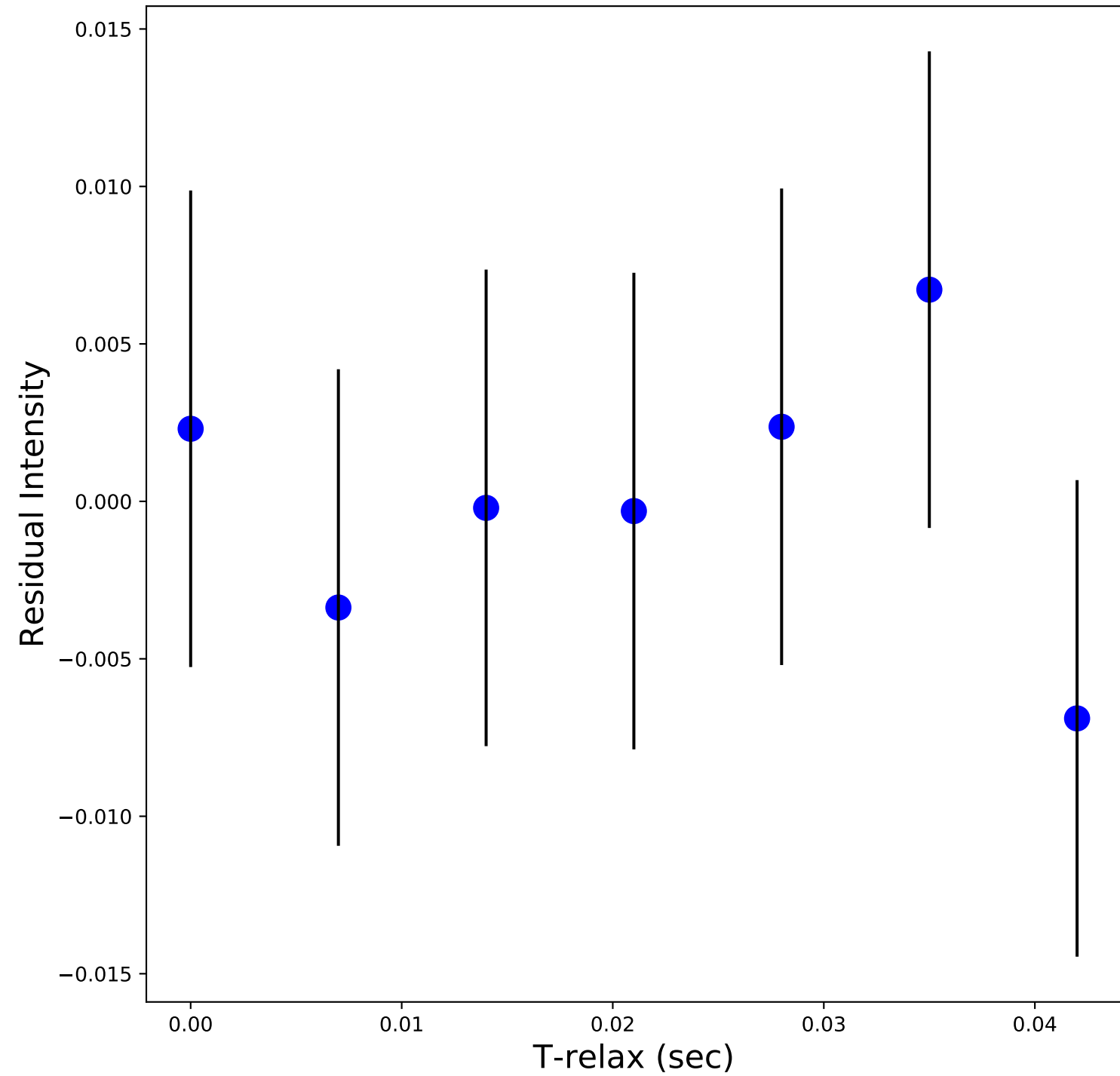
$R_{1\rho}\ 9.32 \pm 0.49\,s^{-1}\,|\,\omega_1\ 150\,Hz\,|\,\Omega_{eff} - 300\,Hz\,|\,\overline{\chi}^2 = 0.56$
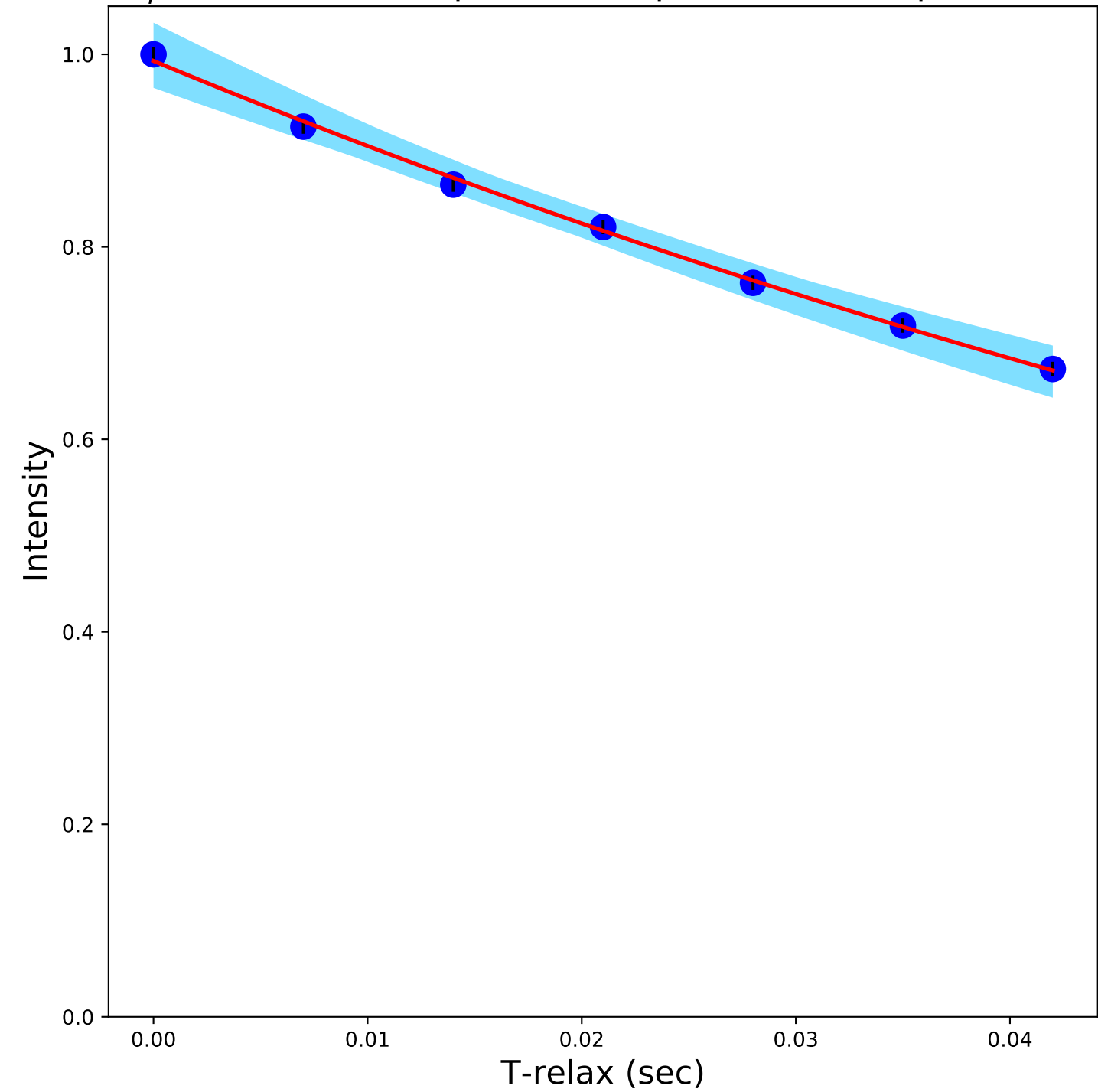
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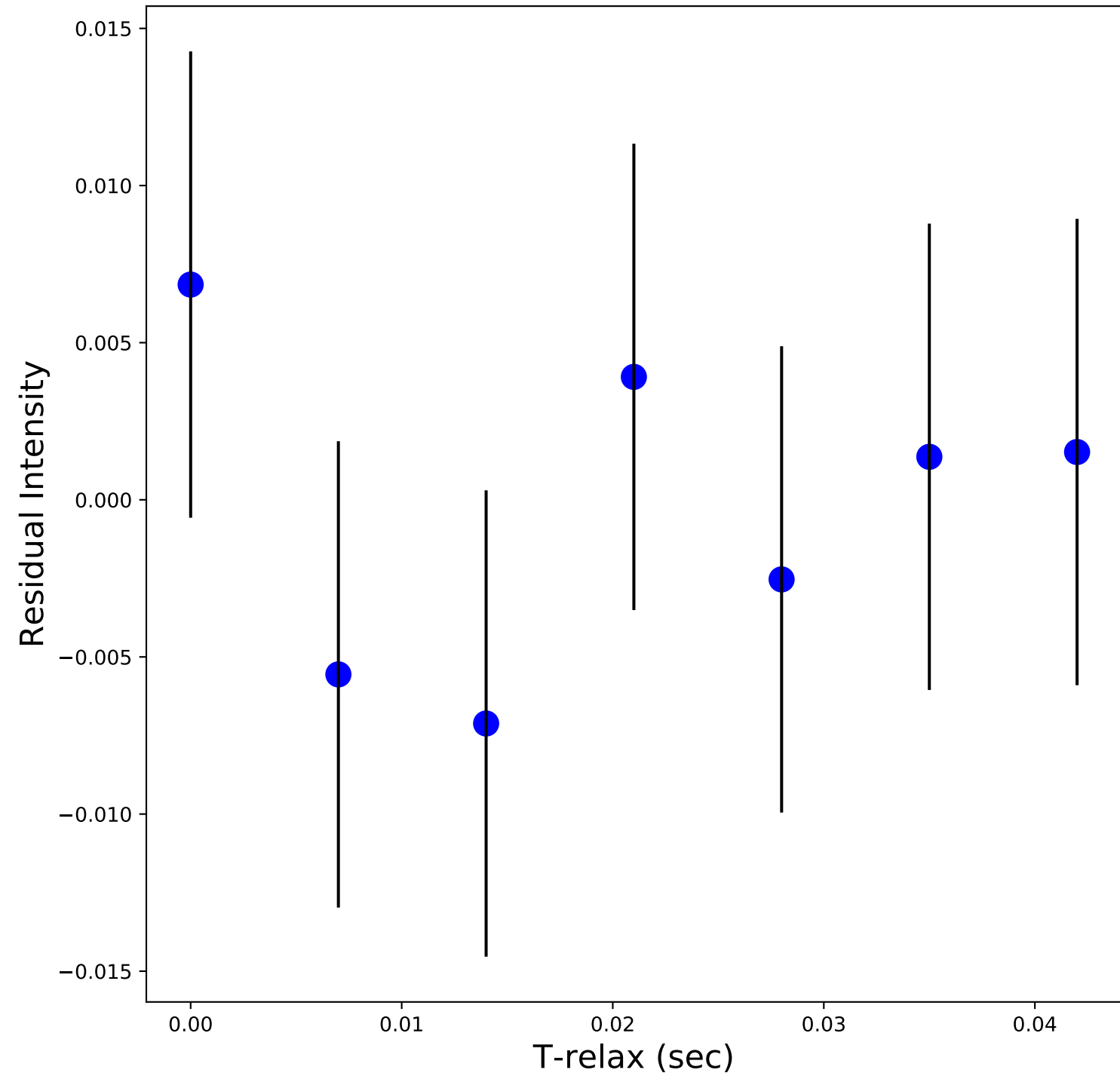
$R_{1\rho}\,8.53 \pm 0.38\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff} - 350\,Hz\,|\,\overline{\chi}^2 = 0.65$
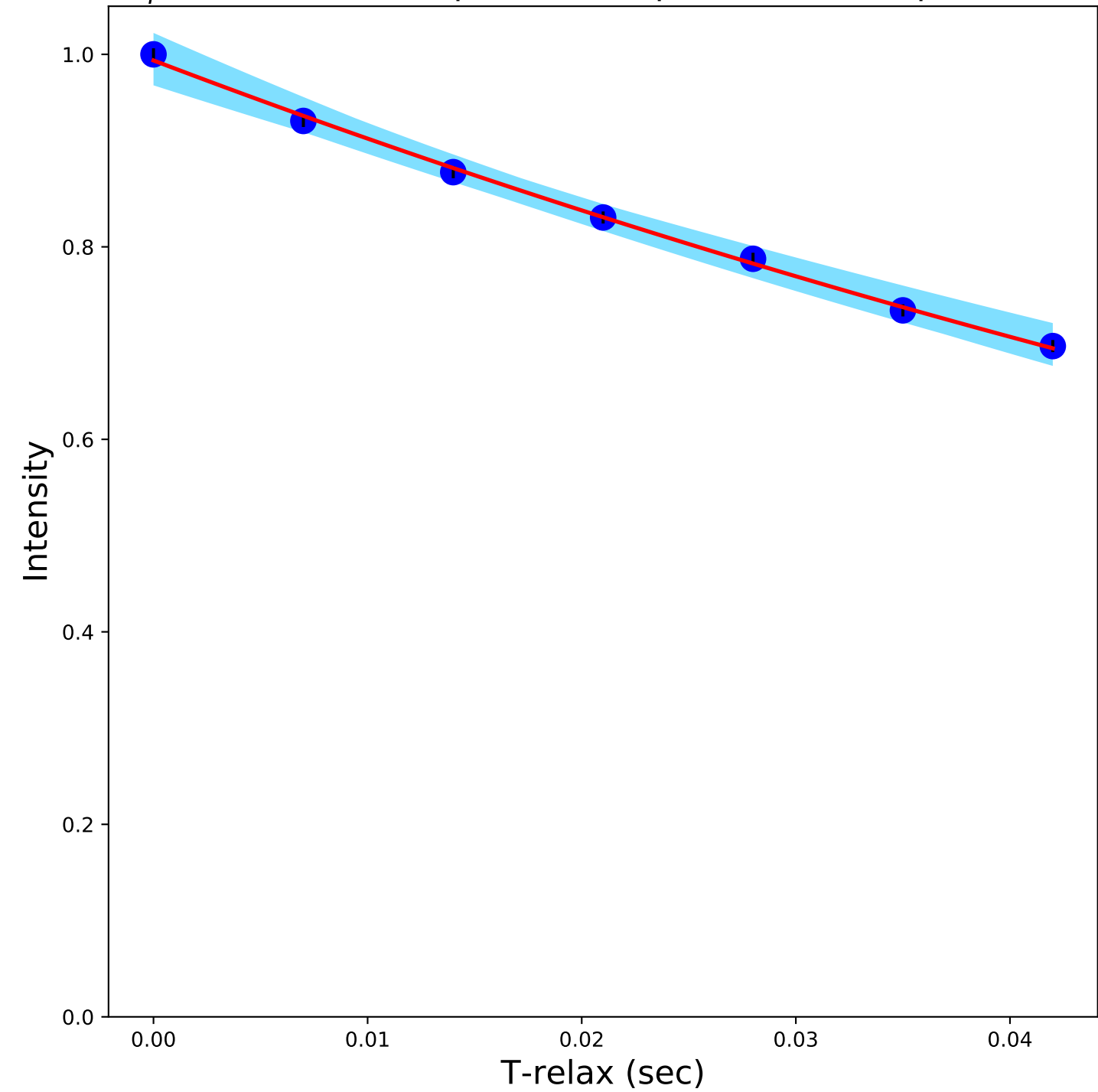
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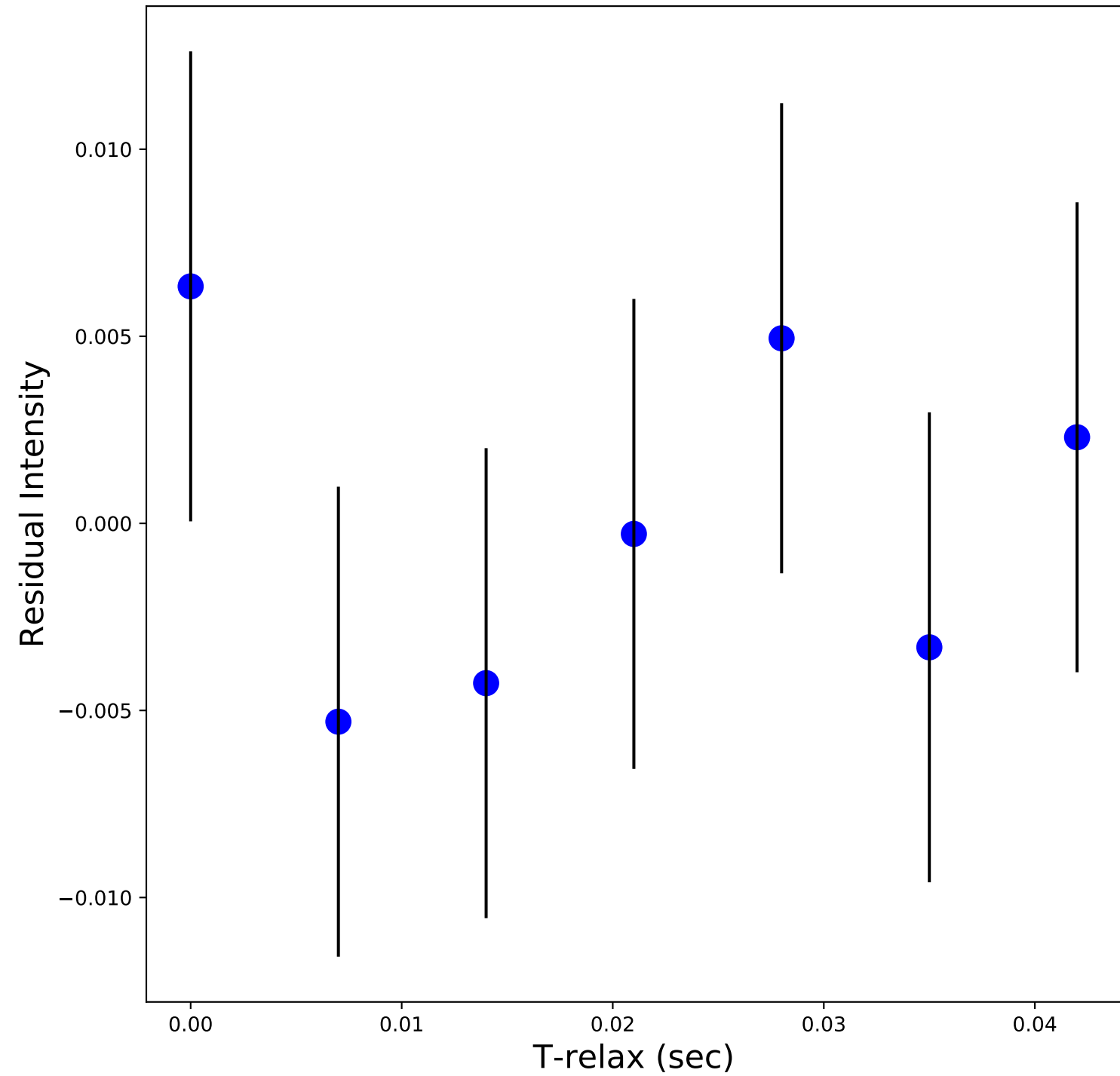
$R_{1\rho}\,8.01 \pm 0.64\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff}-400\,Hz\,|\,\overline{\chi}^2=0.66$
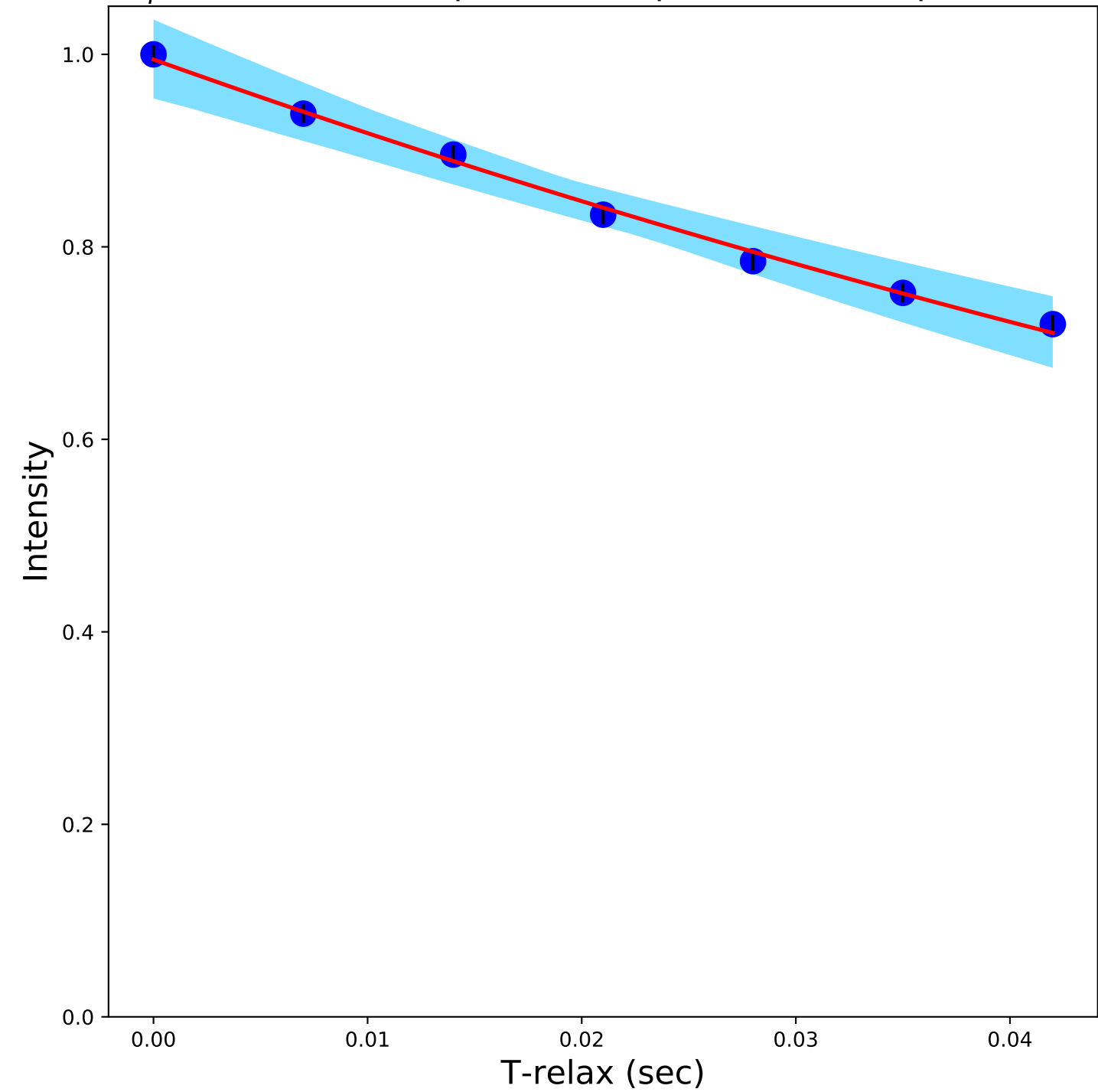
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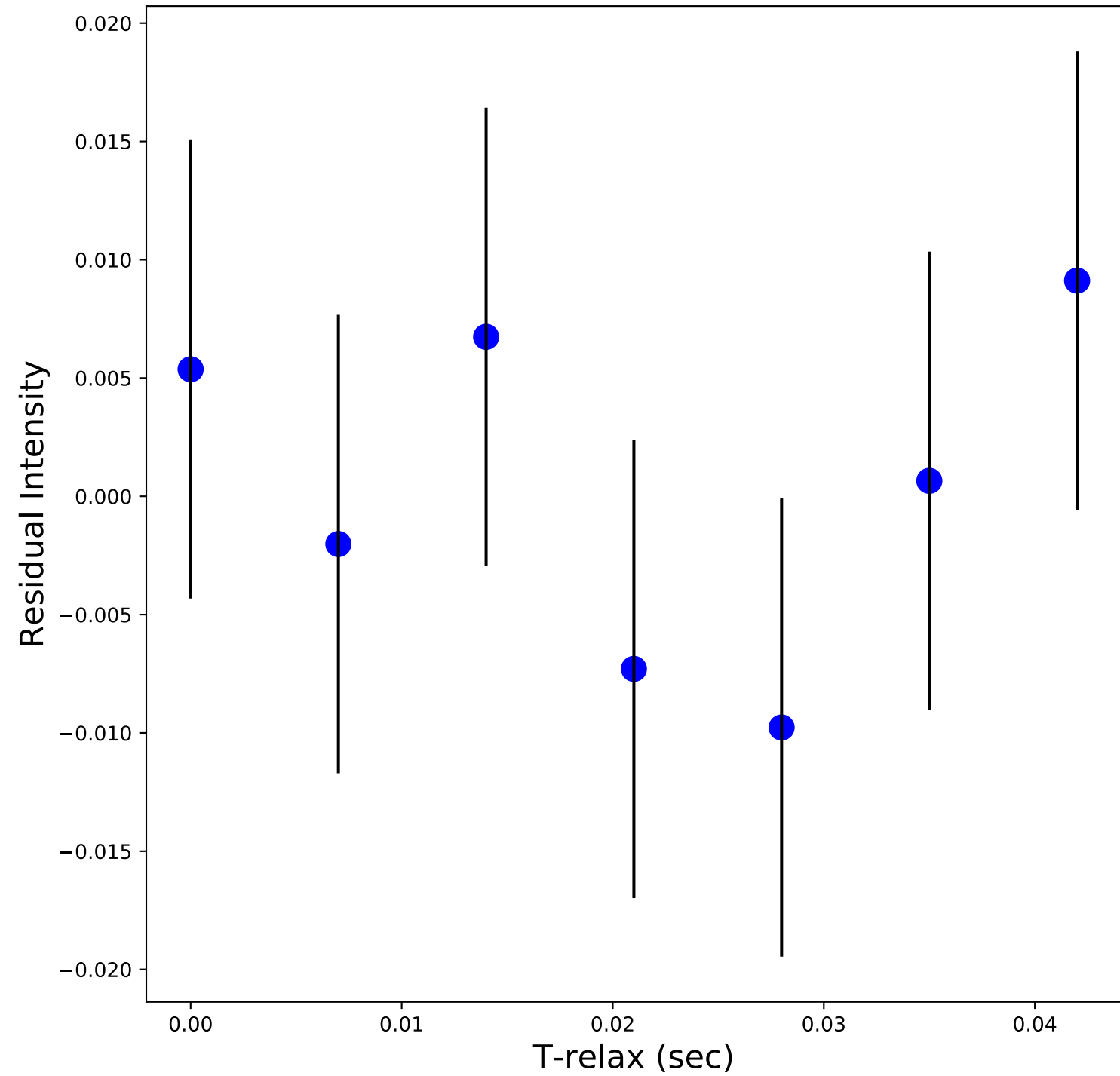
$R_{1\rho} \, 7.72 \pm 0.42 \, s^{-1} \, | \, \omega_1 \, 150 \, Hz \, | \, \Omega_{eff} - 450 \, Hz \, | \, \overline{\chi}^2 = 0.42$
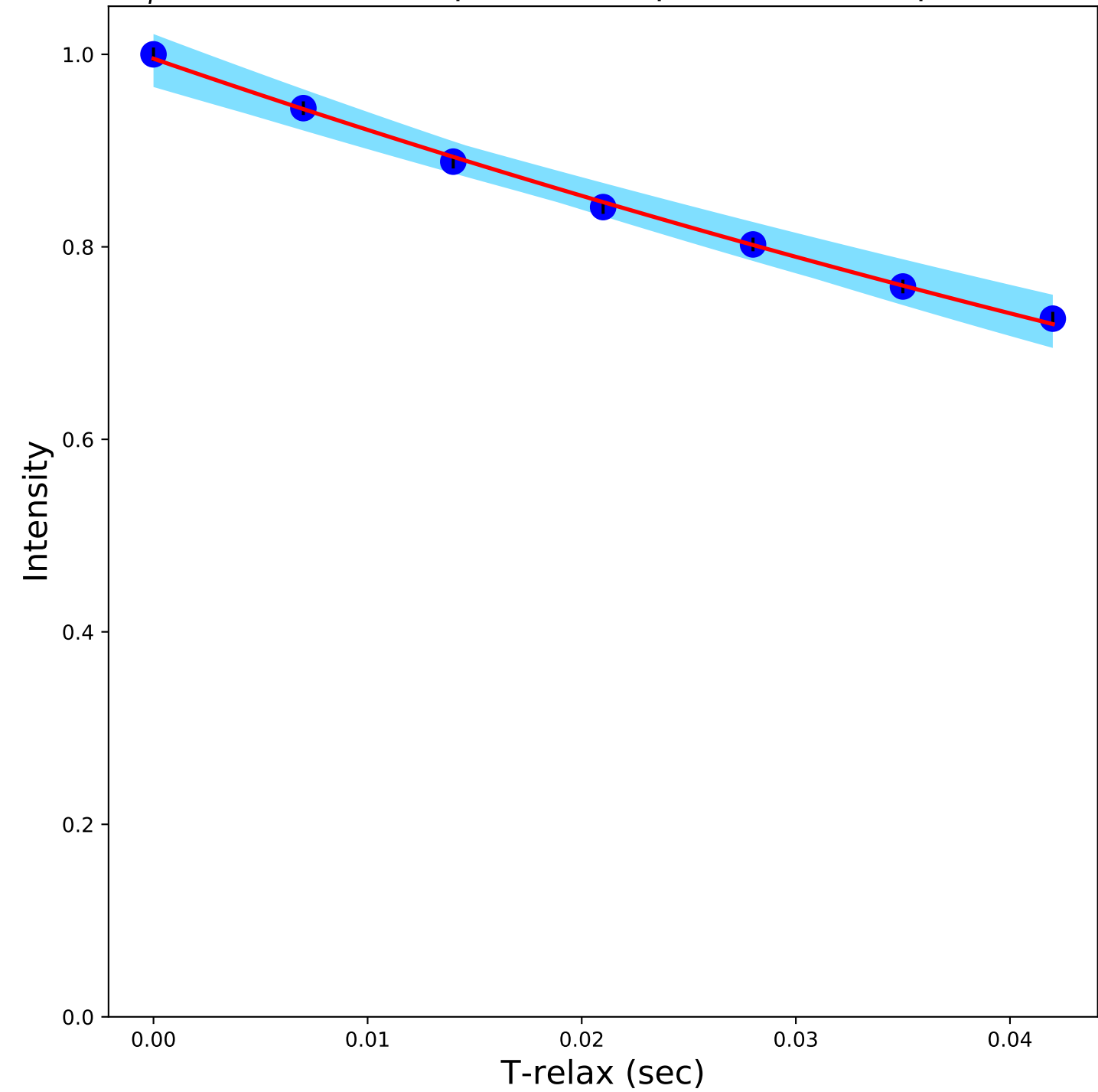
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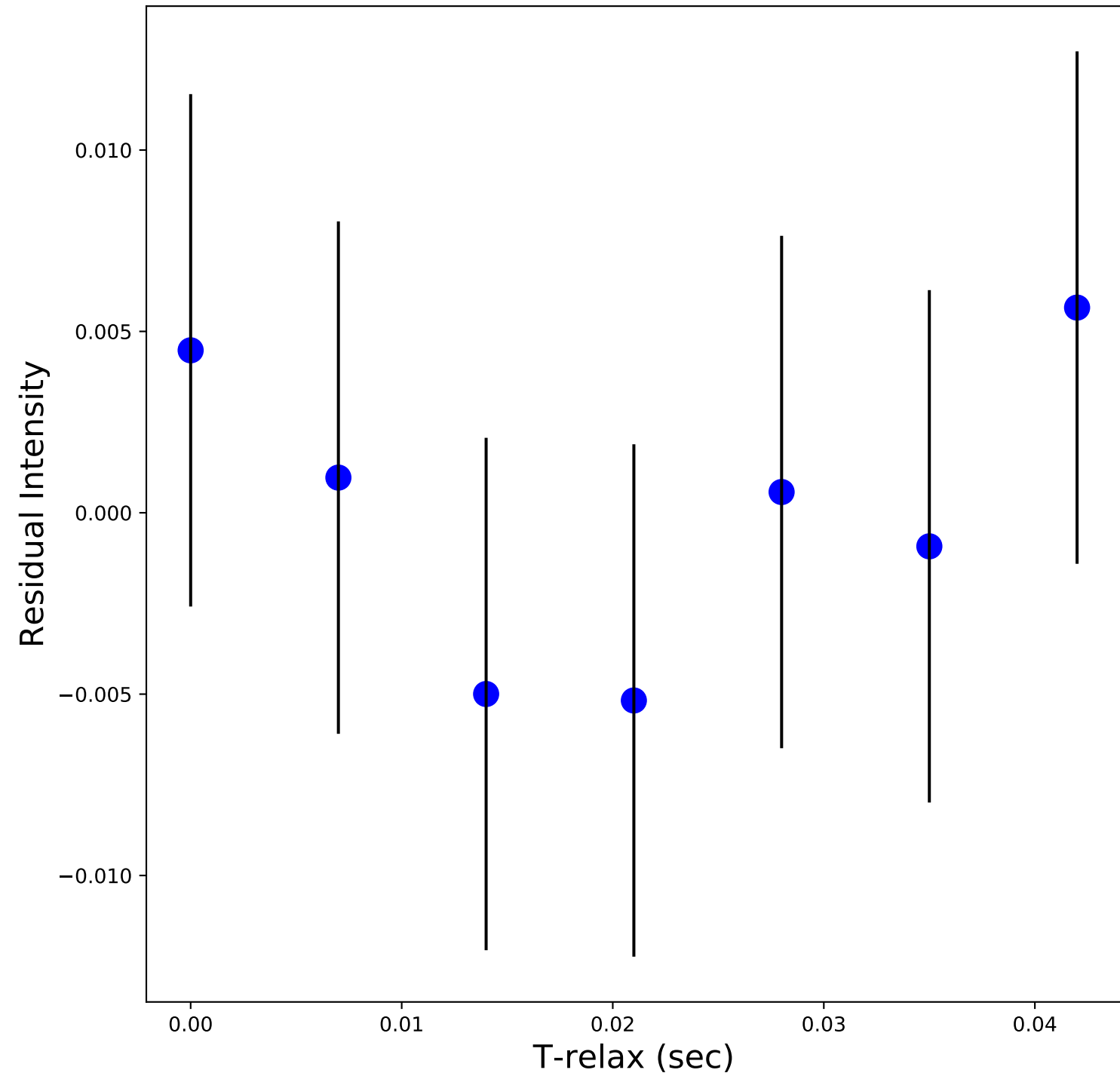
$R_{1\rho}\ 7.66 \pm 0.44\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff} - 500\ Hz\ |\ \overline{\chi}^2 = 0.49$
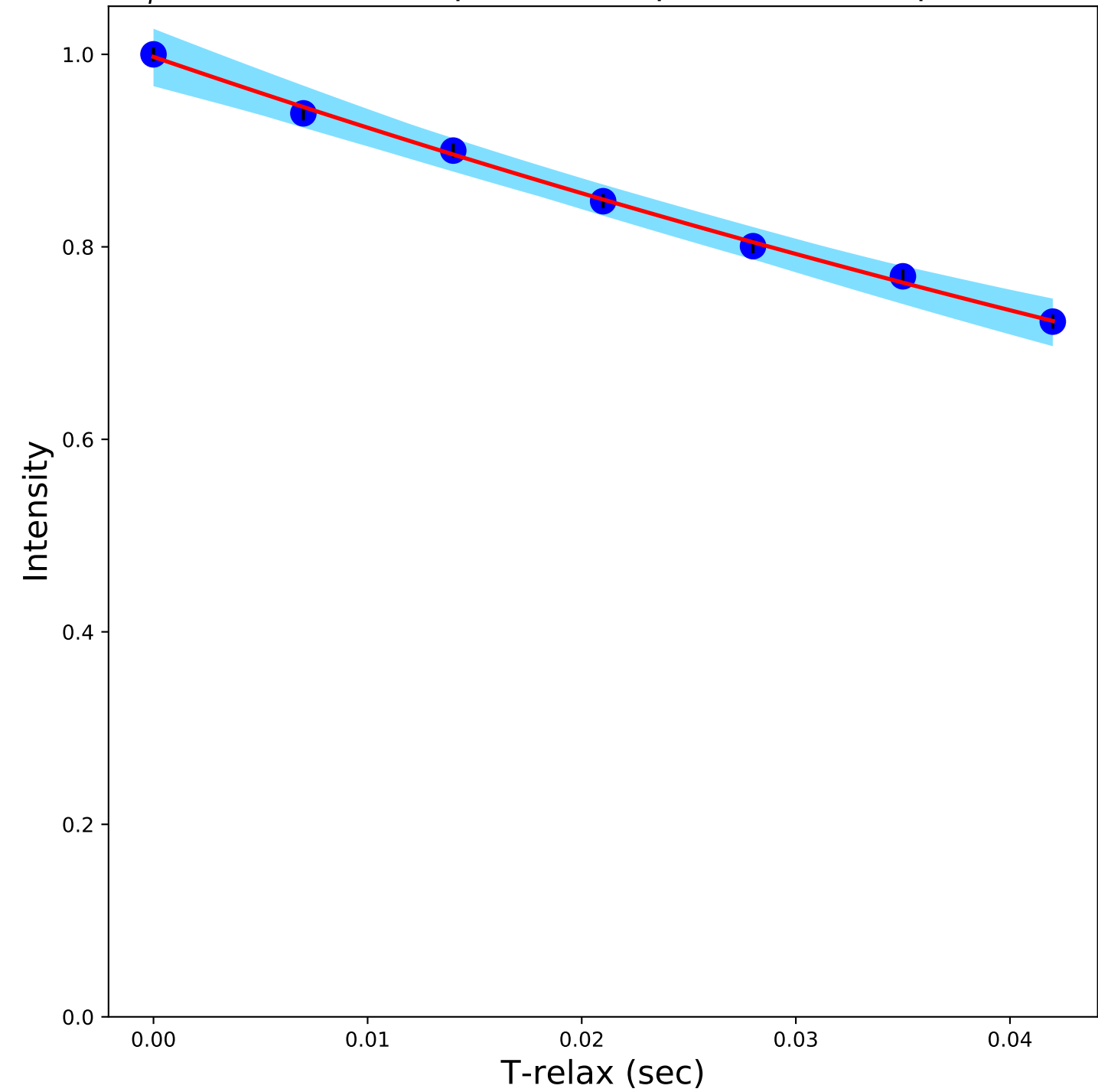
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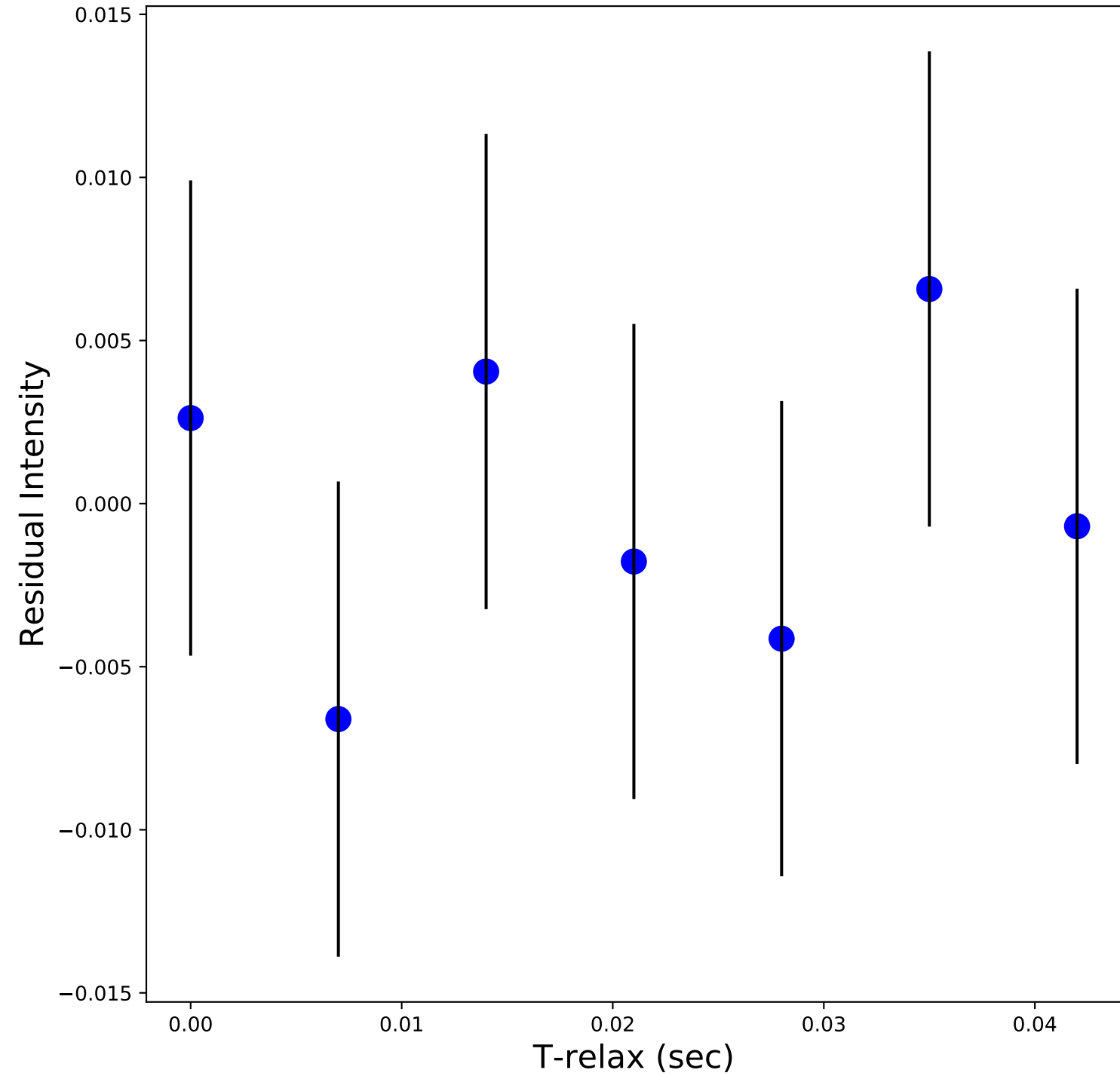
$R_{1\rho}\,7.87 \pm 0.55\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff} - 520\,Hz\,|\,\overline{\chi}^2 = 0.09$
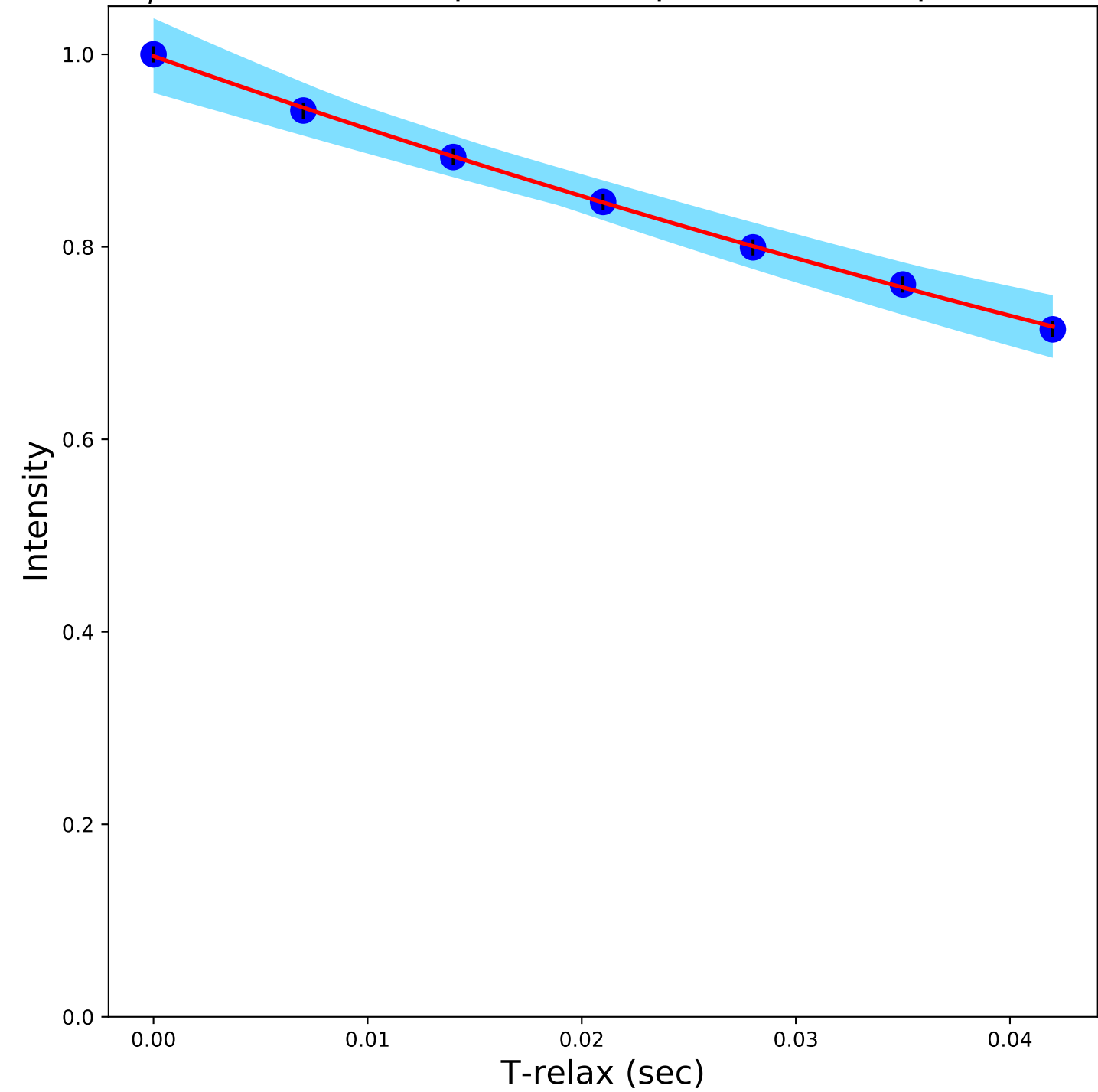
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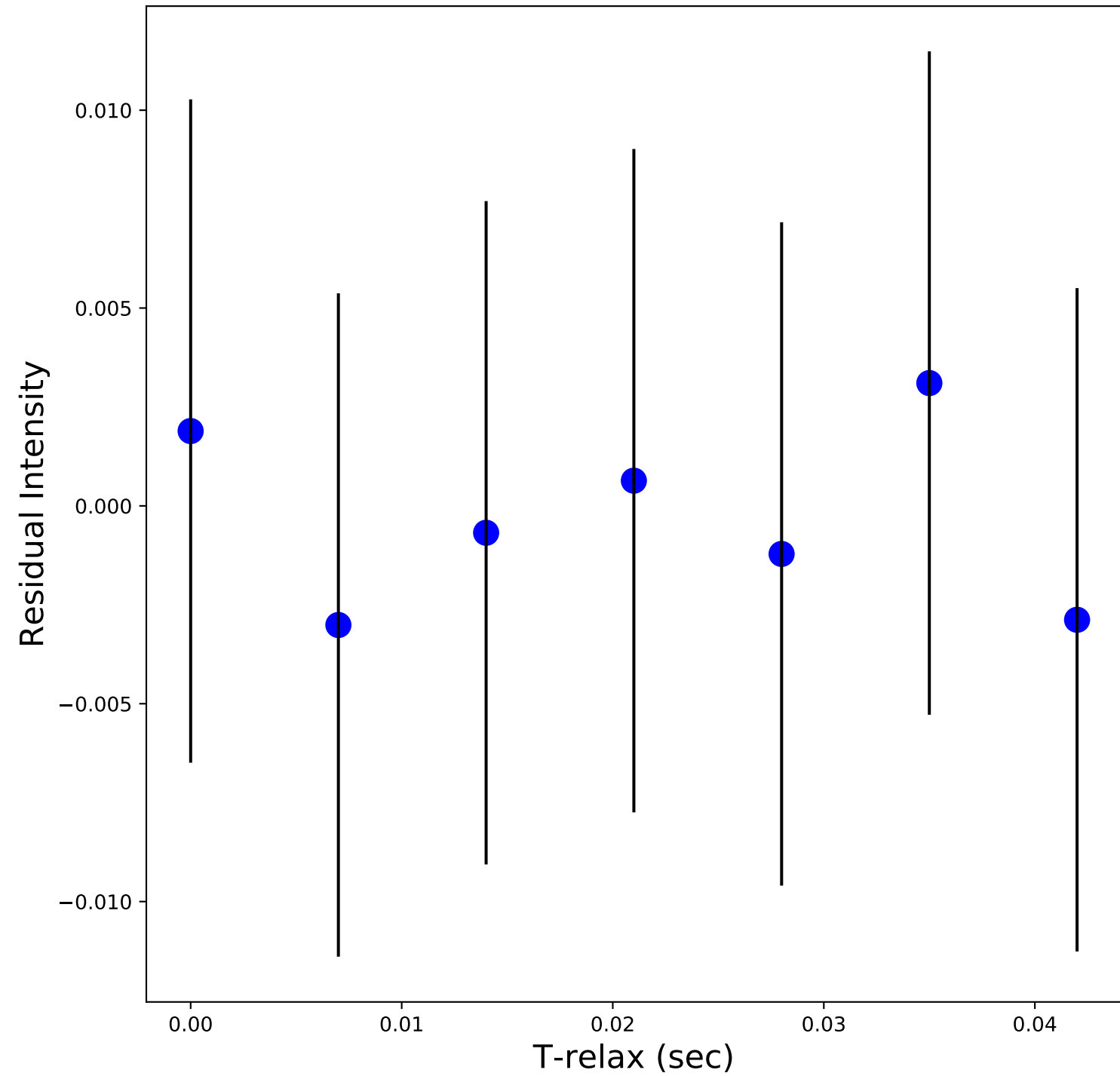
$R_{1\rho}\ 7.42 \pm 0.38\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff} - 540\ Hz\ |\ \overline{\chi}^2 = 0.74$
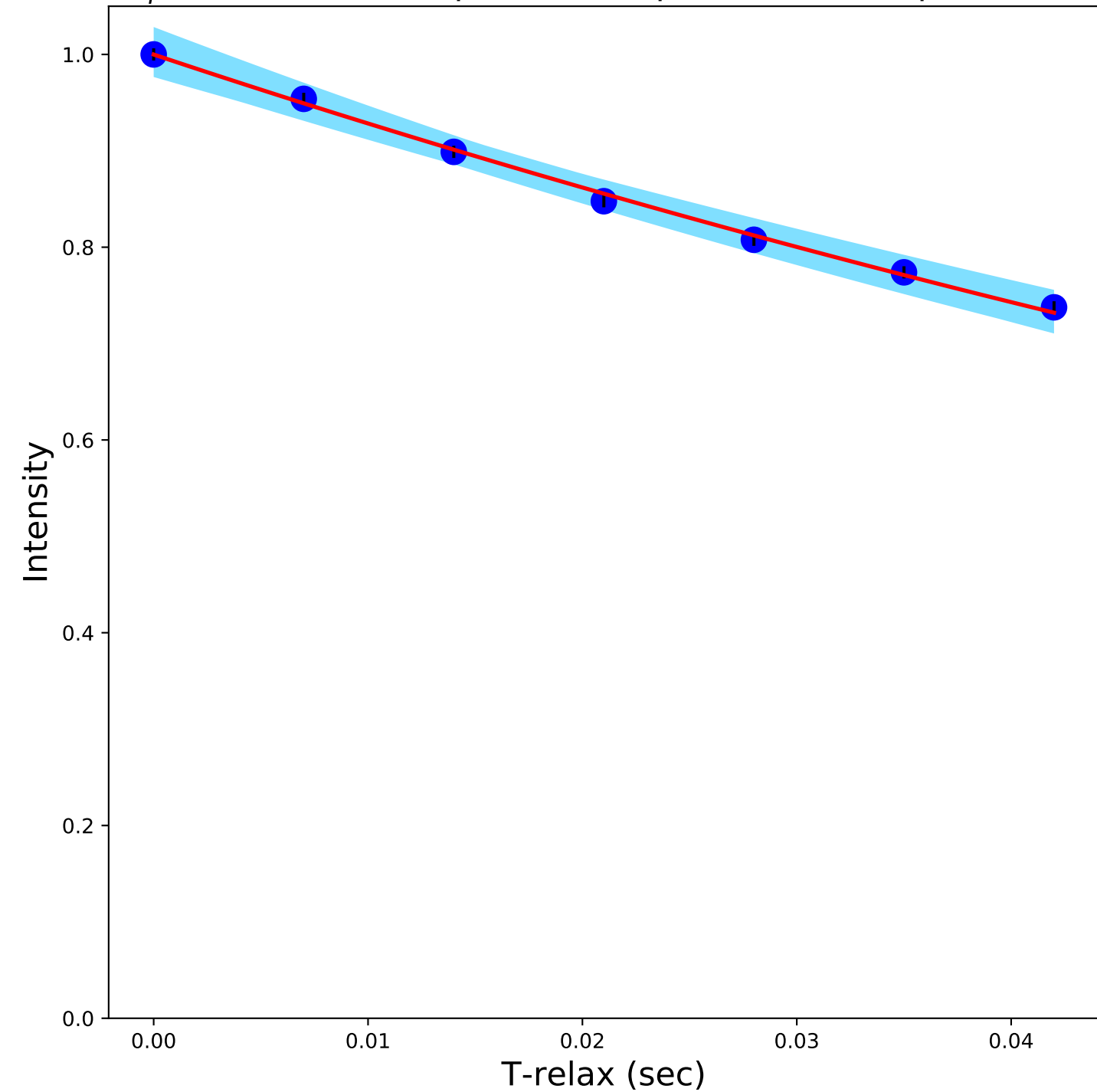
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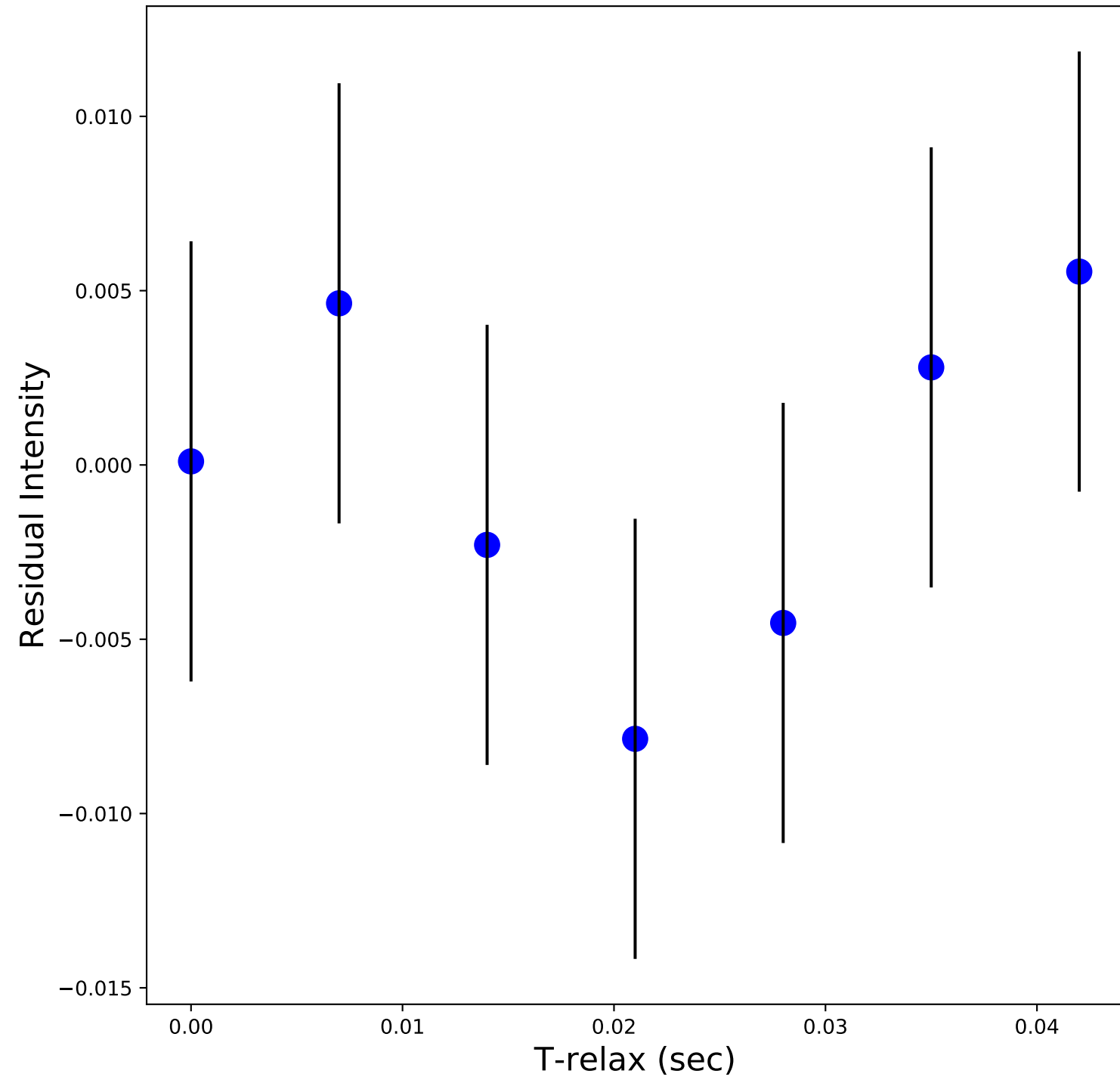
$R_{1\rho}\, 7.27 \pm 0.46\, s^{-1} \,|\, \omega_1\, 150\, Hz \,|\, \Omega_{eff} - 560\, Hz \,|\, \overline{\chi}^2 = 0.41$
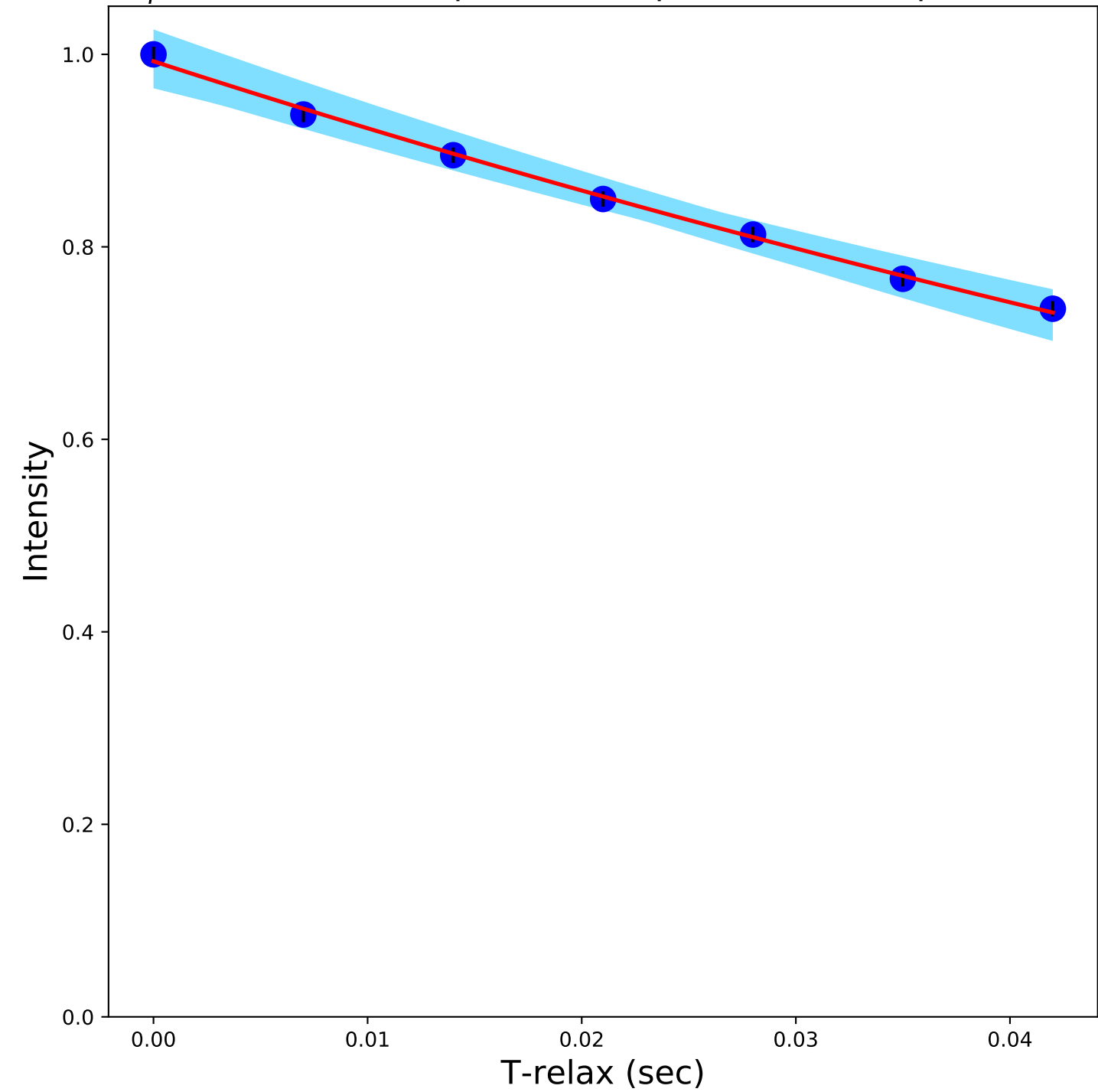
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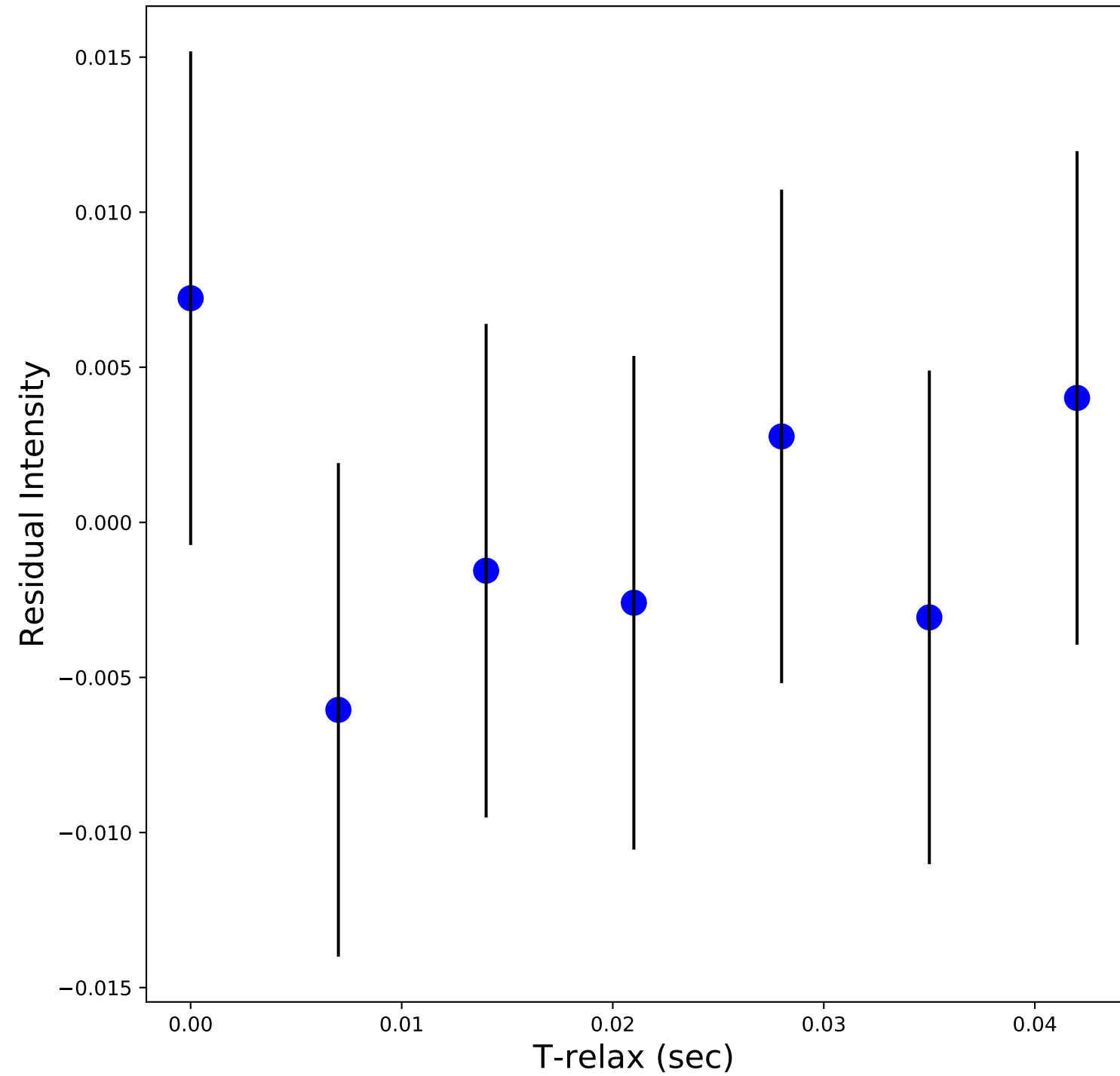
$R_{1\rho}\ 7.08 \pm 0.39\,s^{-1}\,|\,\omega_1\ 150\,Hz\,|\,\Omega_{eff} - 580\,Hz\,|\,\overline{\chi}^2 = 0.5$
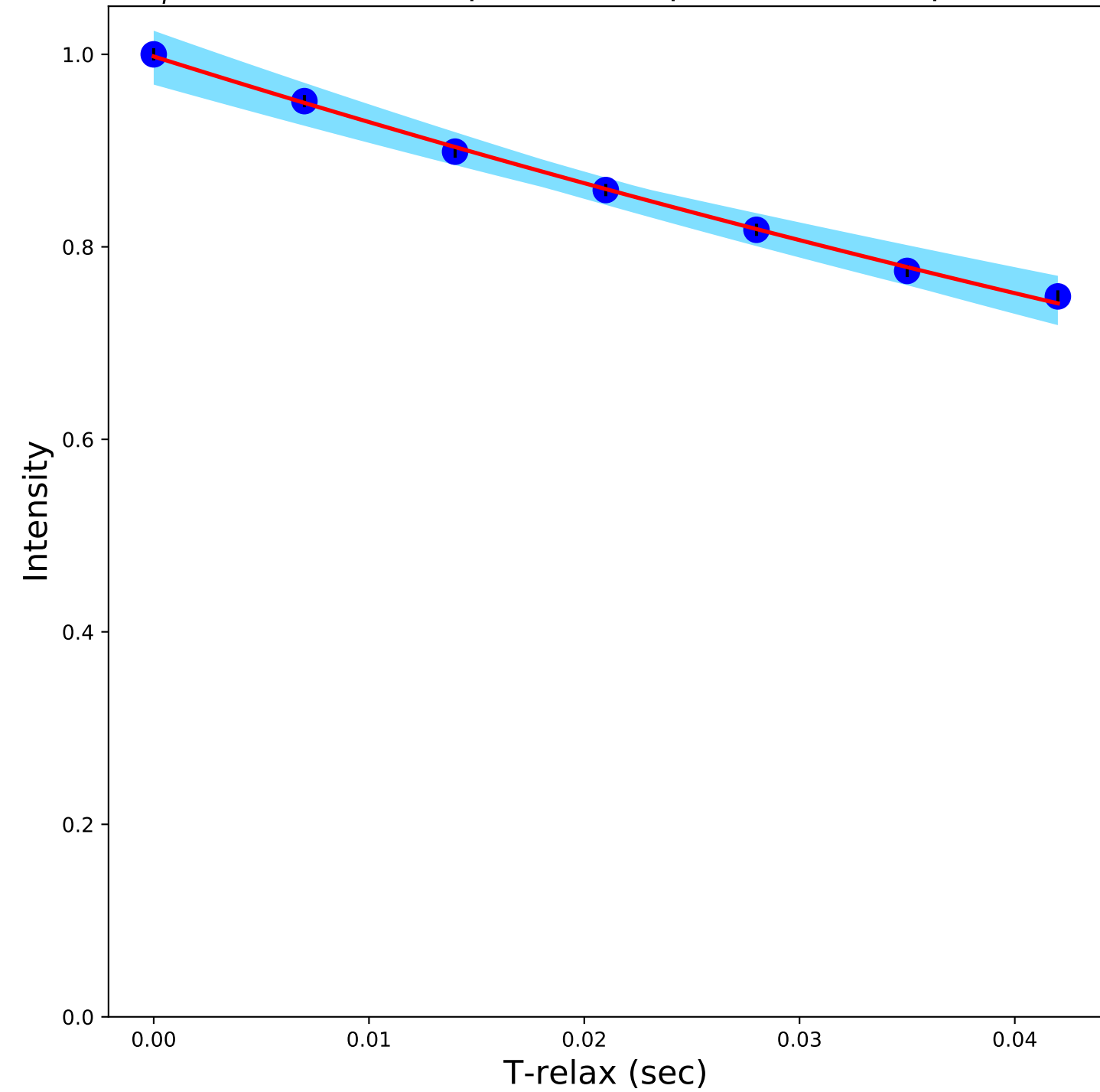
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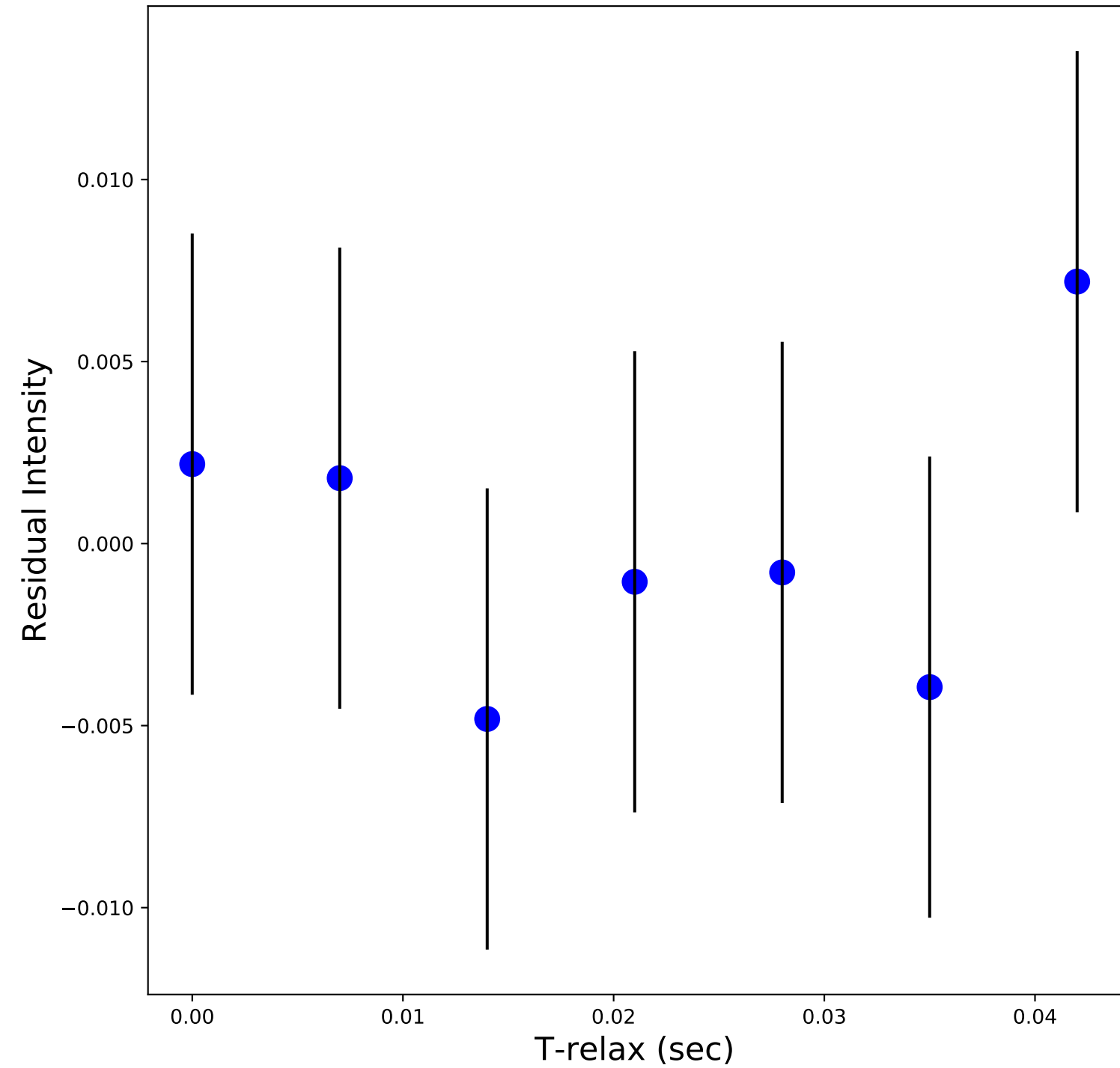
$R_{1\rho}\, 6.36 \pm 0.47\, s^{-1}\,|\,\omega_1\, 150\, Hz\,|\,\Omega_{eff} - 600\, Hz\,|\,\overline{\chi}^2 = 0.07$
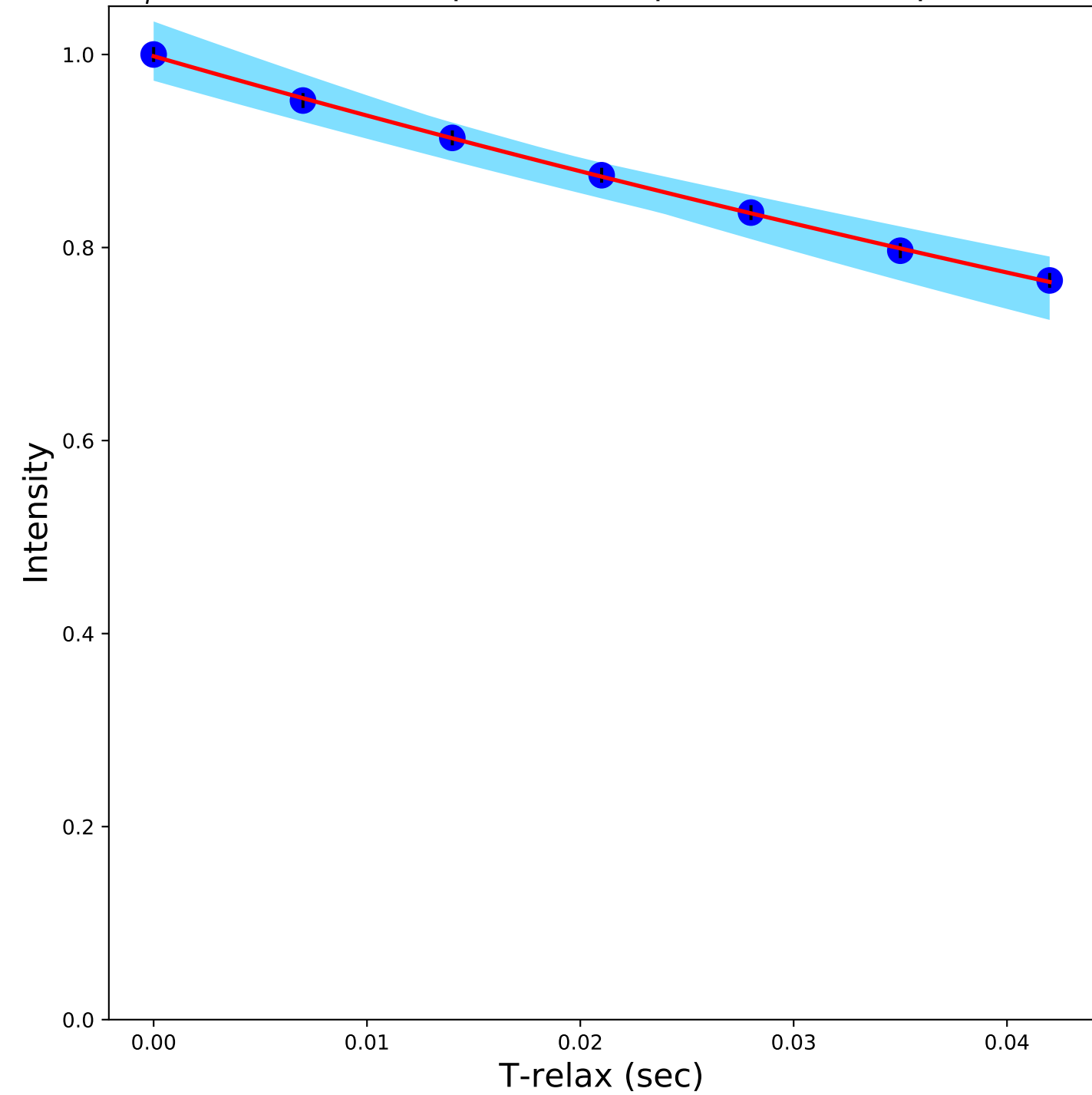
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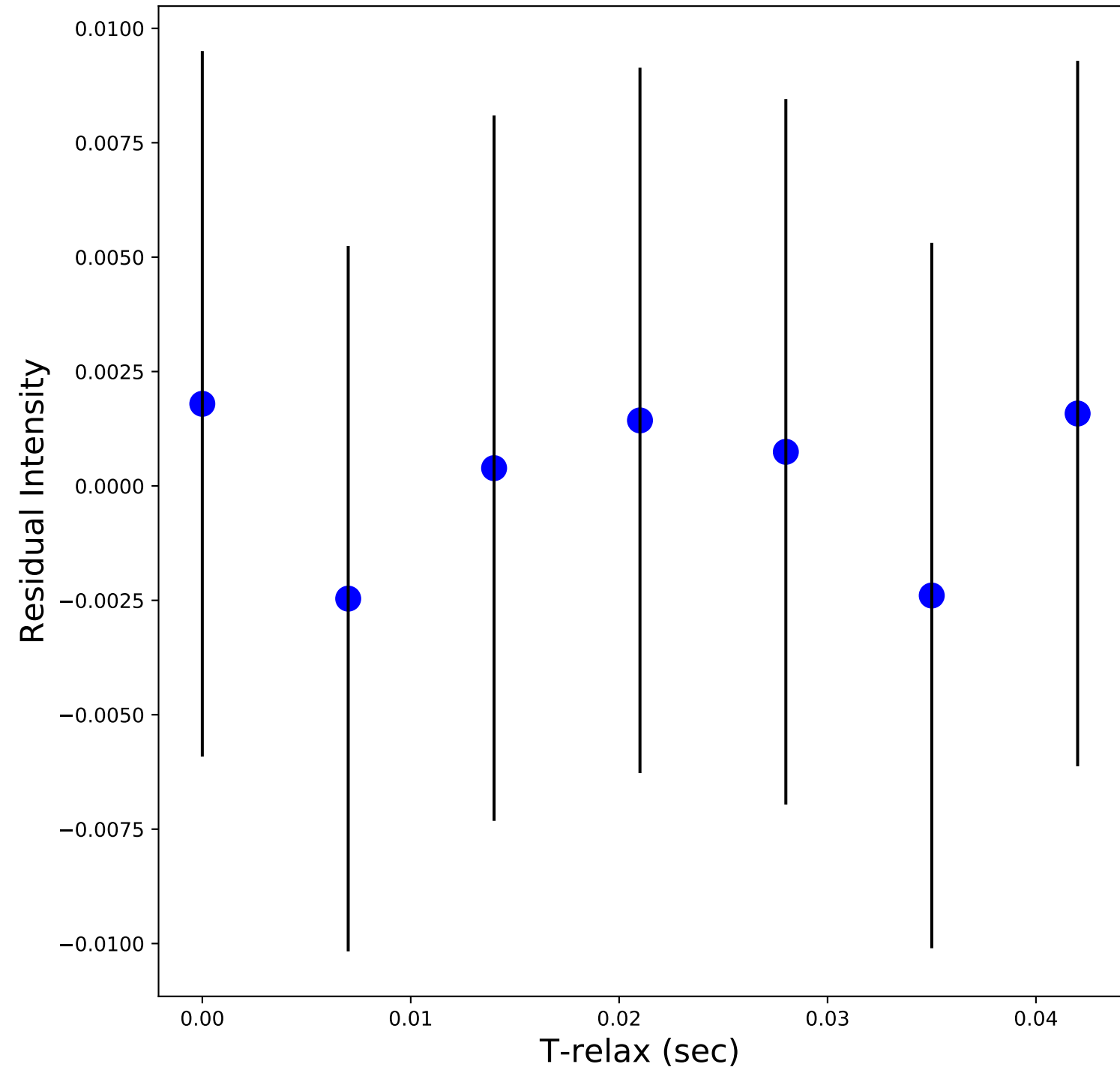
$R_{1\rho}\,6.2 \pm 0.42\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff} - 620\,Hz\,|\,\overline{\chi}^2 = 0.39$
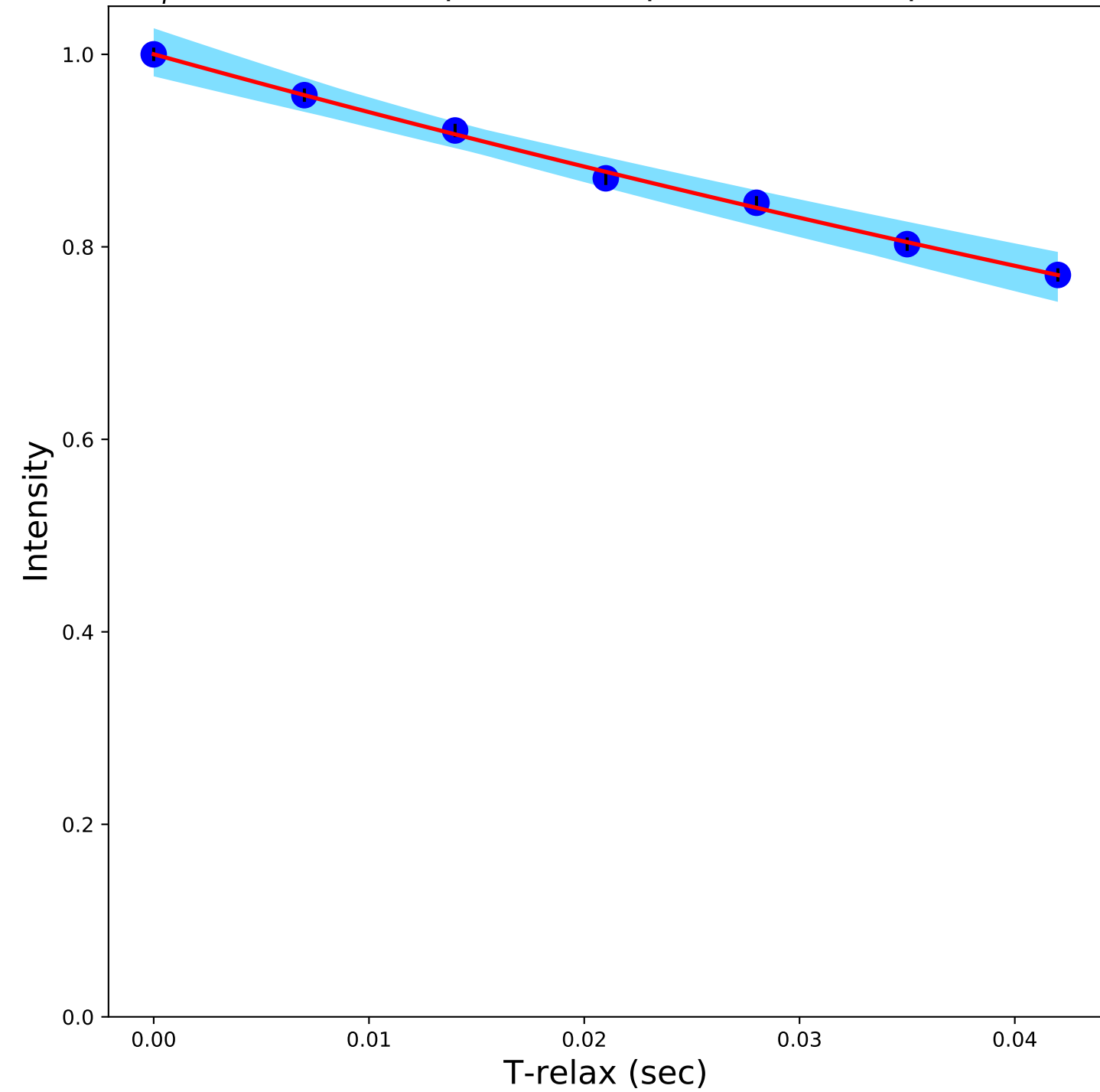
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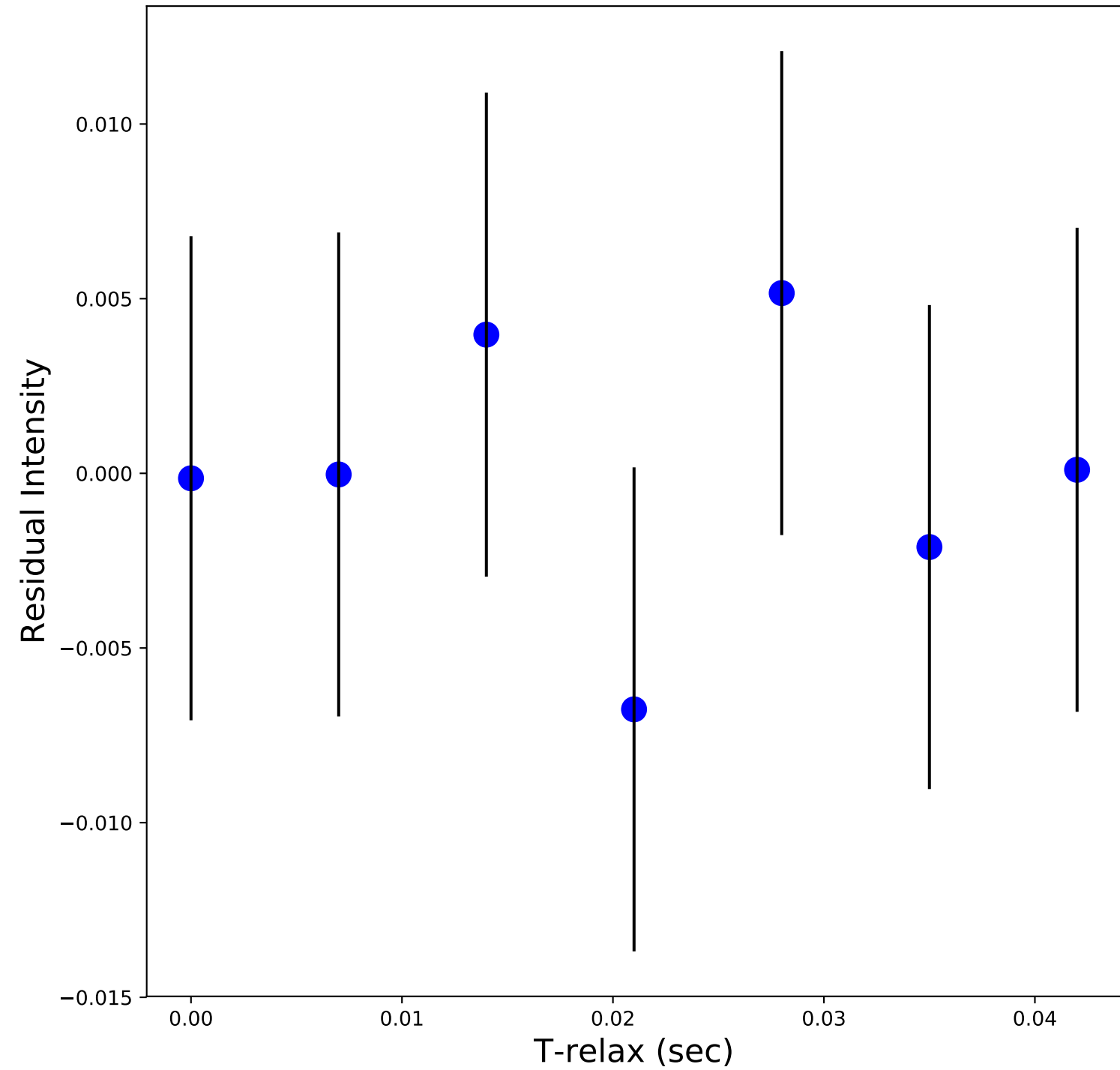
$R_{1\rho}\ 5.89 \pm 0.4\,s^{-1} \mid \omega_1\ 150\,Hz \mid \Omega_{eff} - 640\,Hz \mid \overline{\chi}^2 = 1.06$
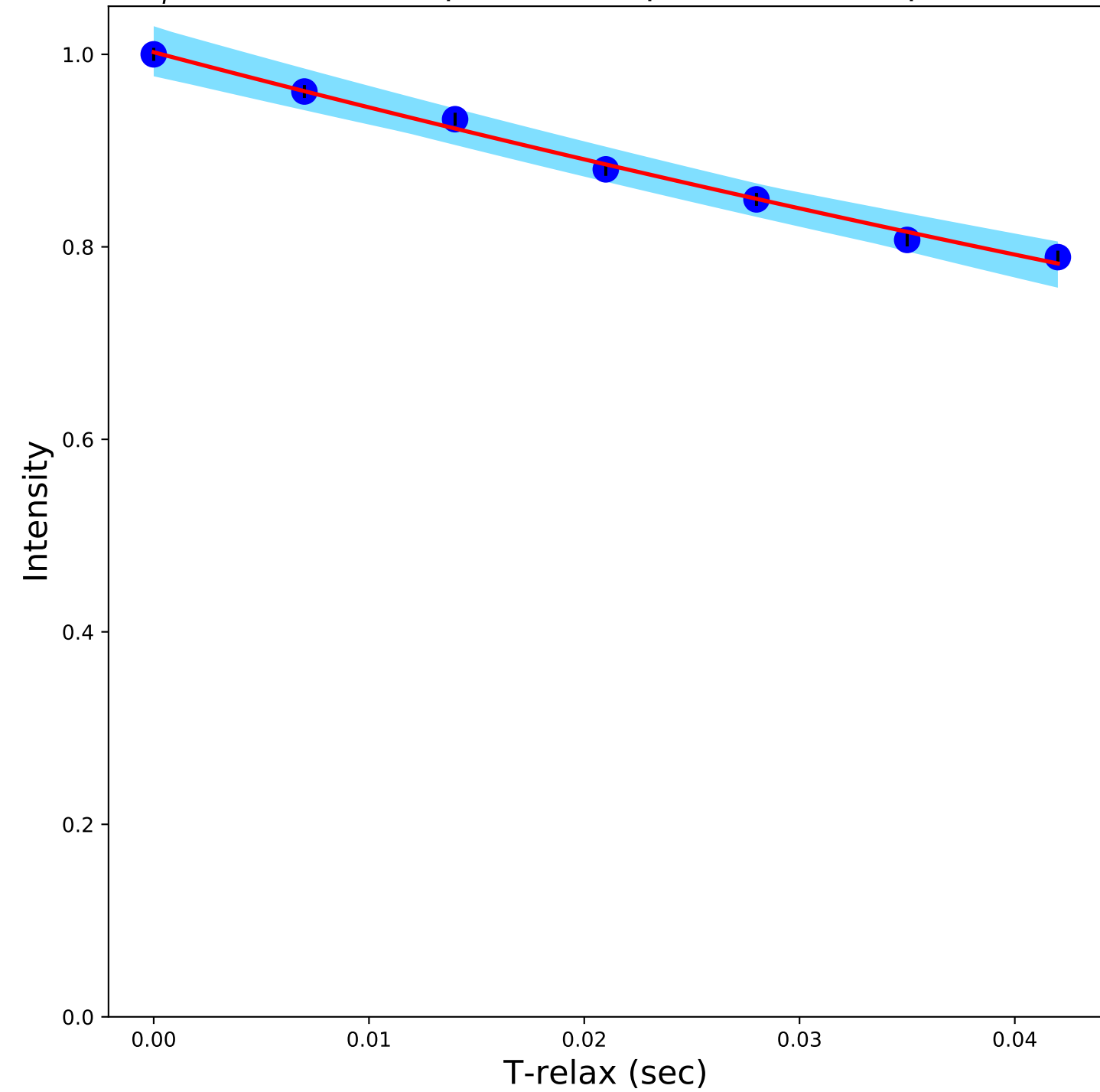
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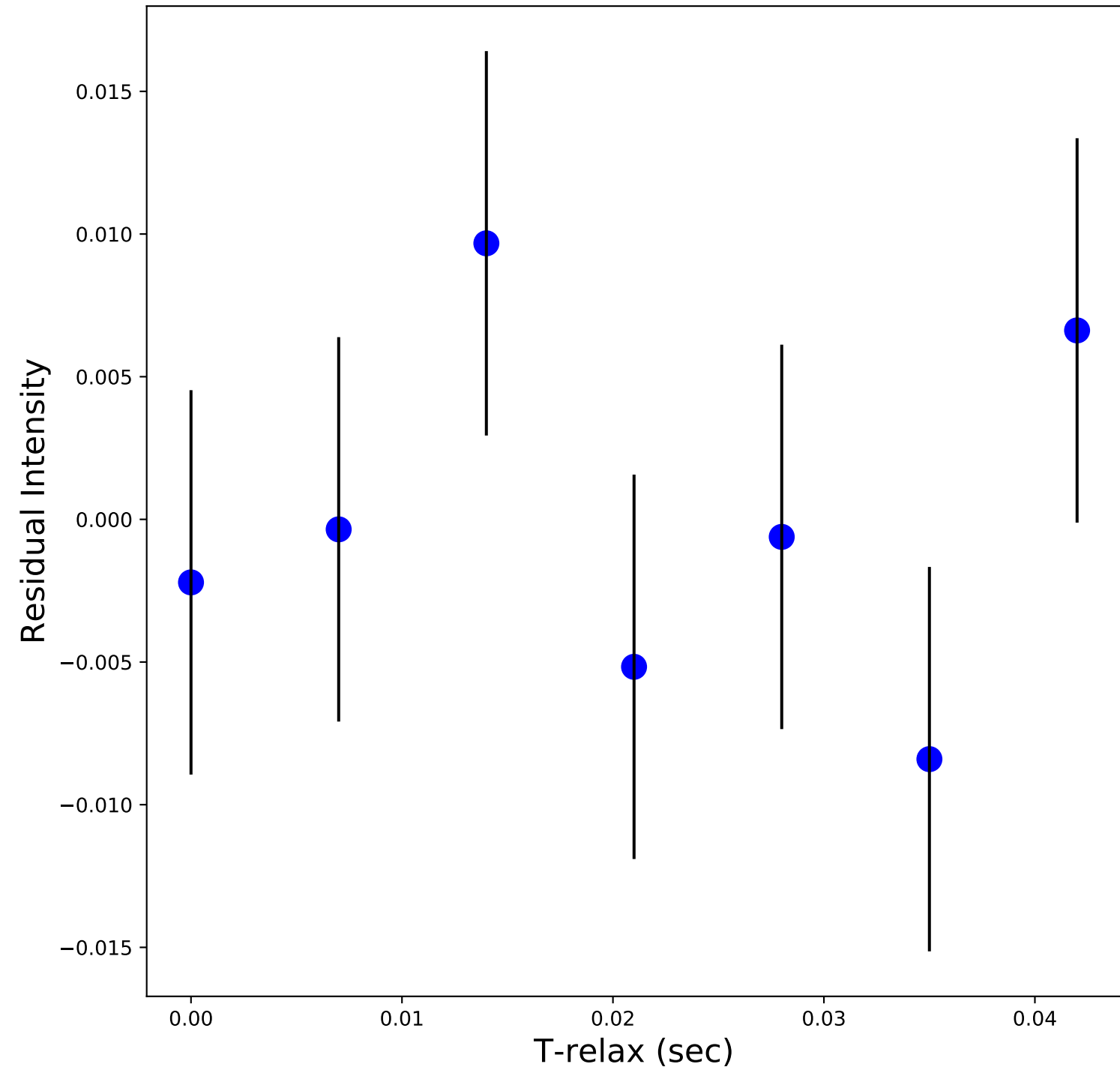
$R_{1\rho}\,5.46 \pm 0.37\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff}-660\,Hz\,|\,\overline{\chi}^2=1.51$
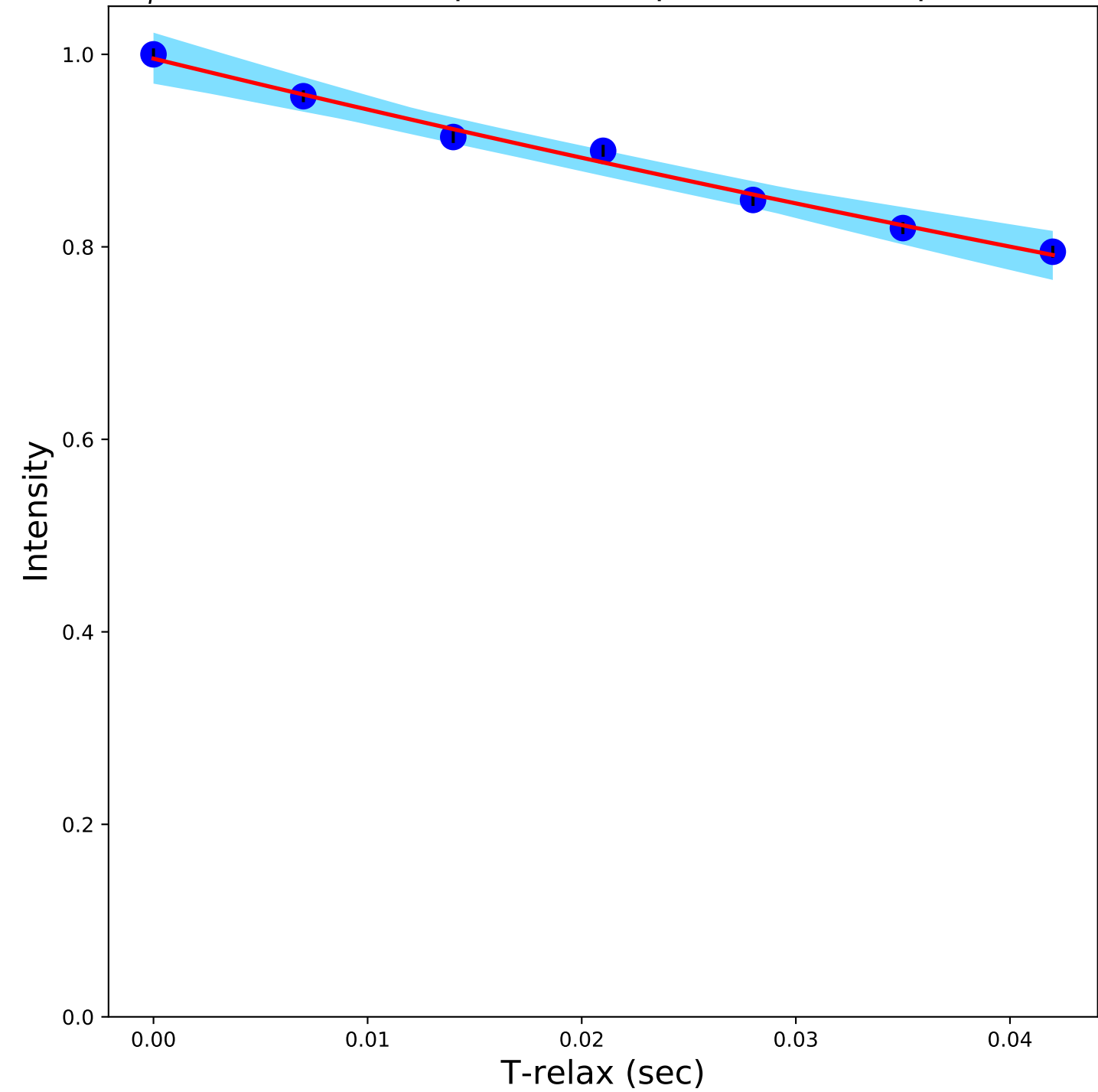
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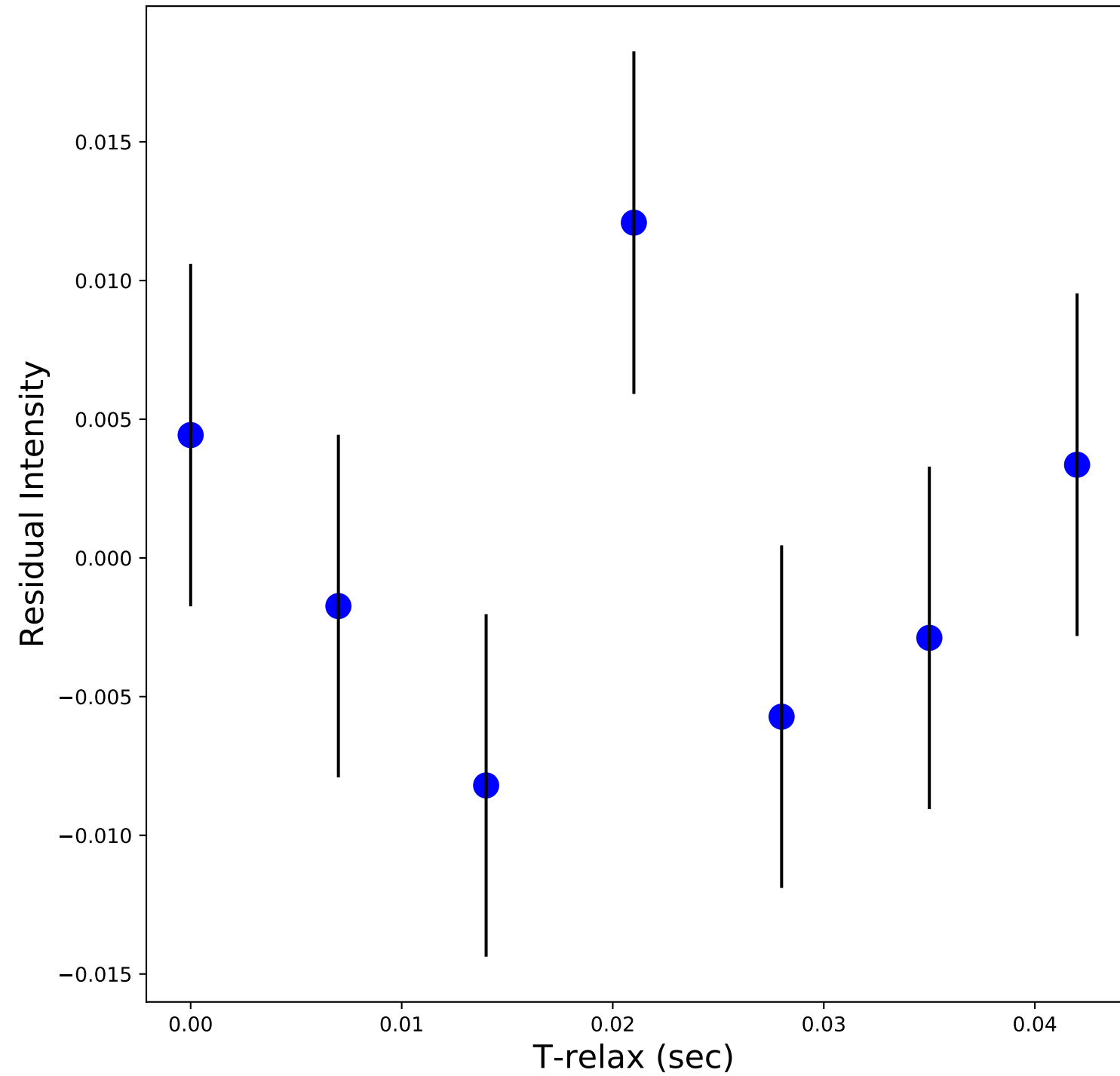
$R_{1\rho}\,5.01 \pm 0.45\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff}\,-680\,Hz\,|\,\overline{\chi}^2 = 0.29$
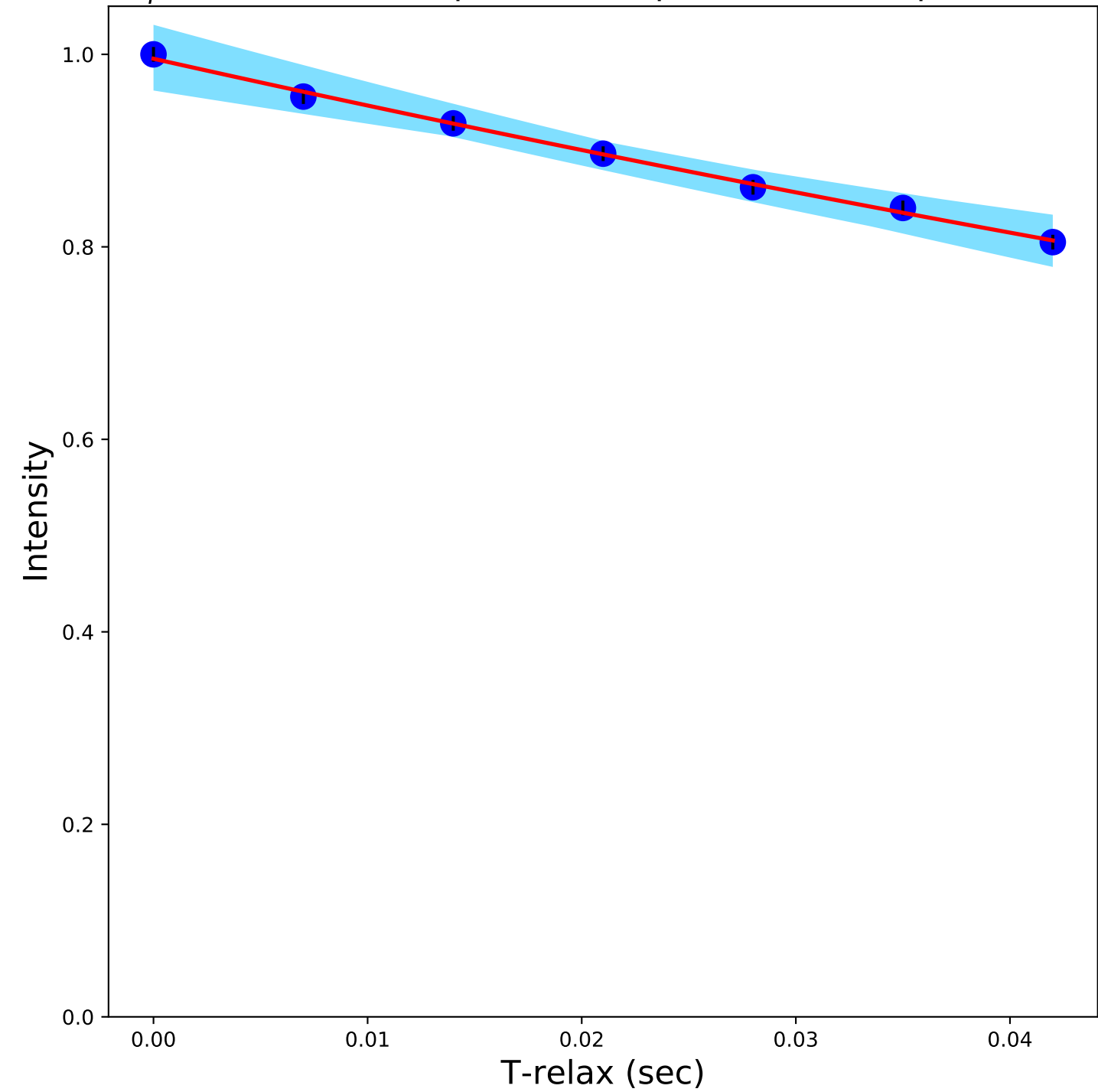
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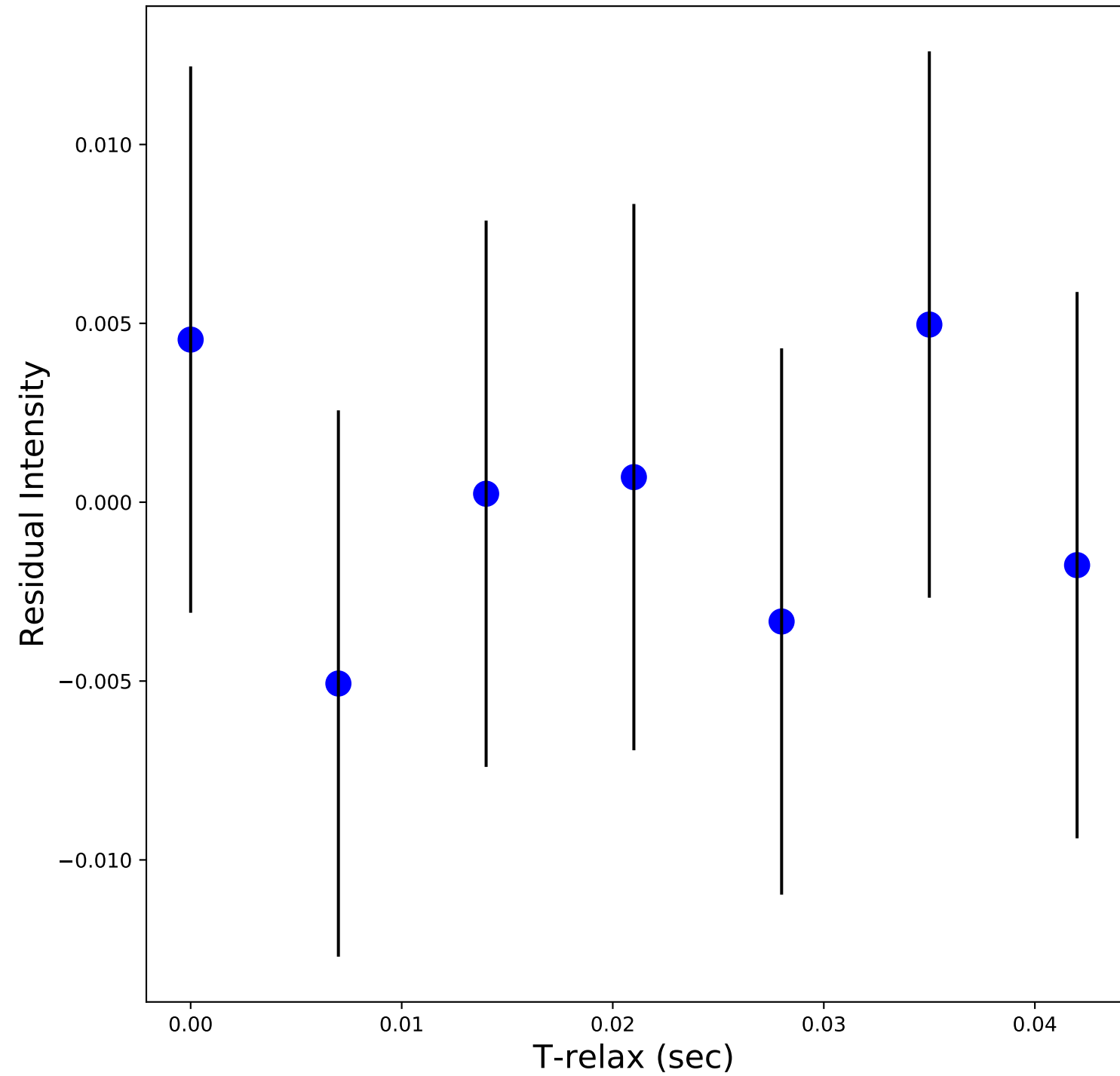
$R_{1\rho}\,4.69 \pm 0.45\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff} - 700\,Hz\,|\,\overline{\chi}^2 = 0.4$
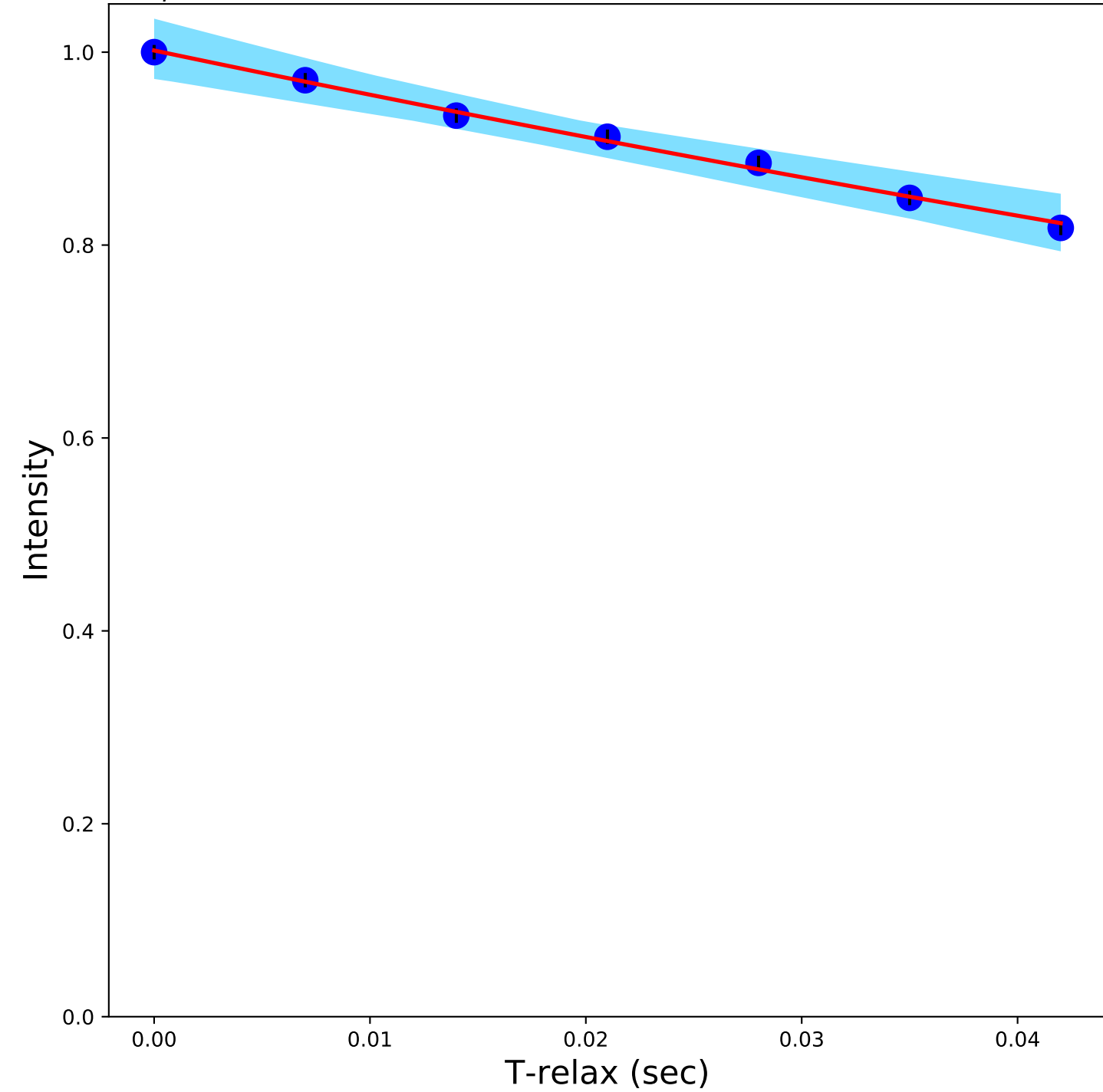
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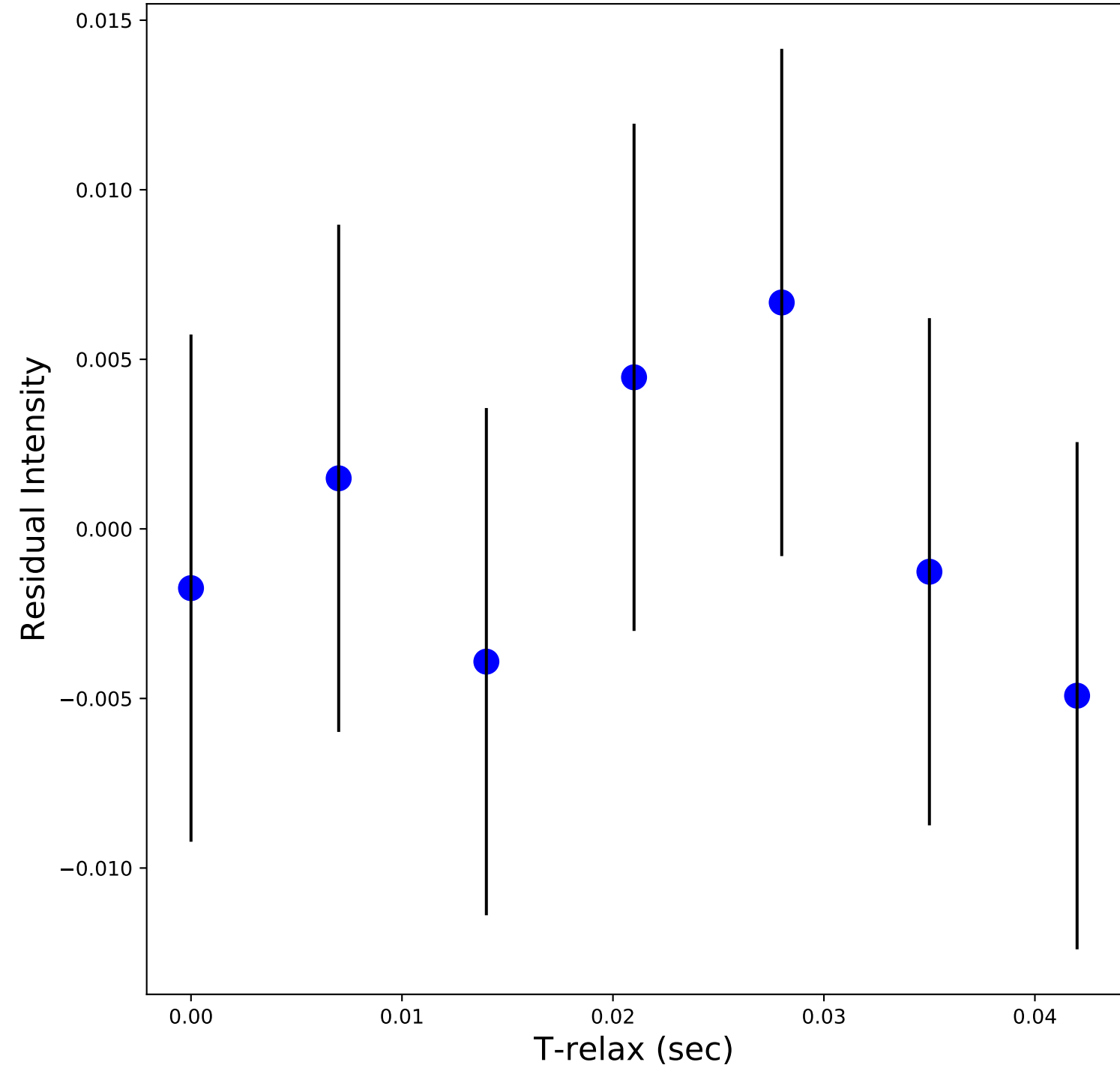
$R_{1\rho}\ 4.26 \pm 0.46\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff}\ -750\ Hz\ |\ \overline{\chi}^2 = 0.53$
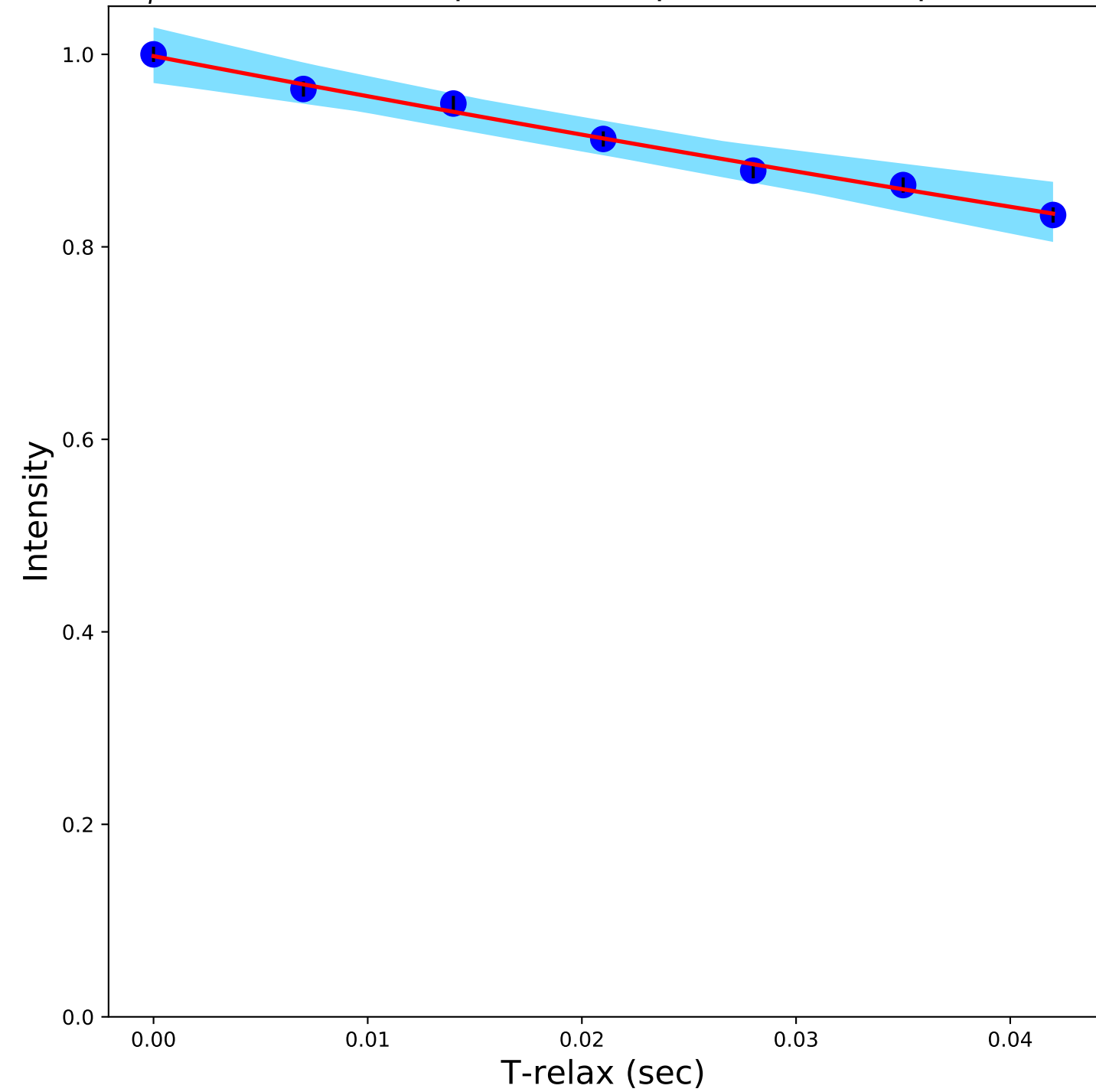
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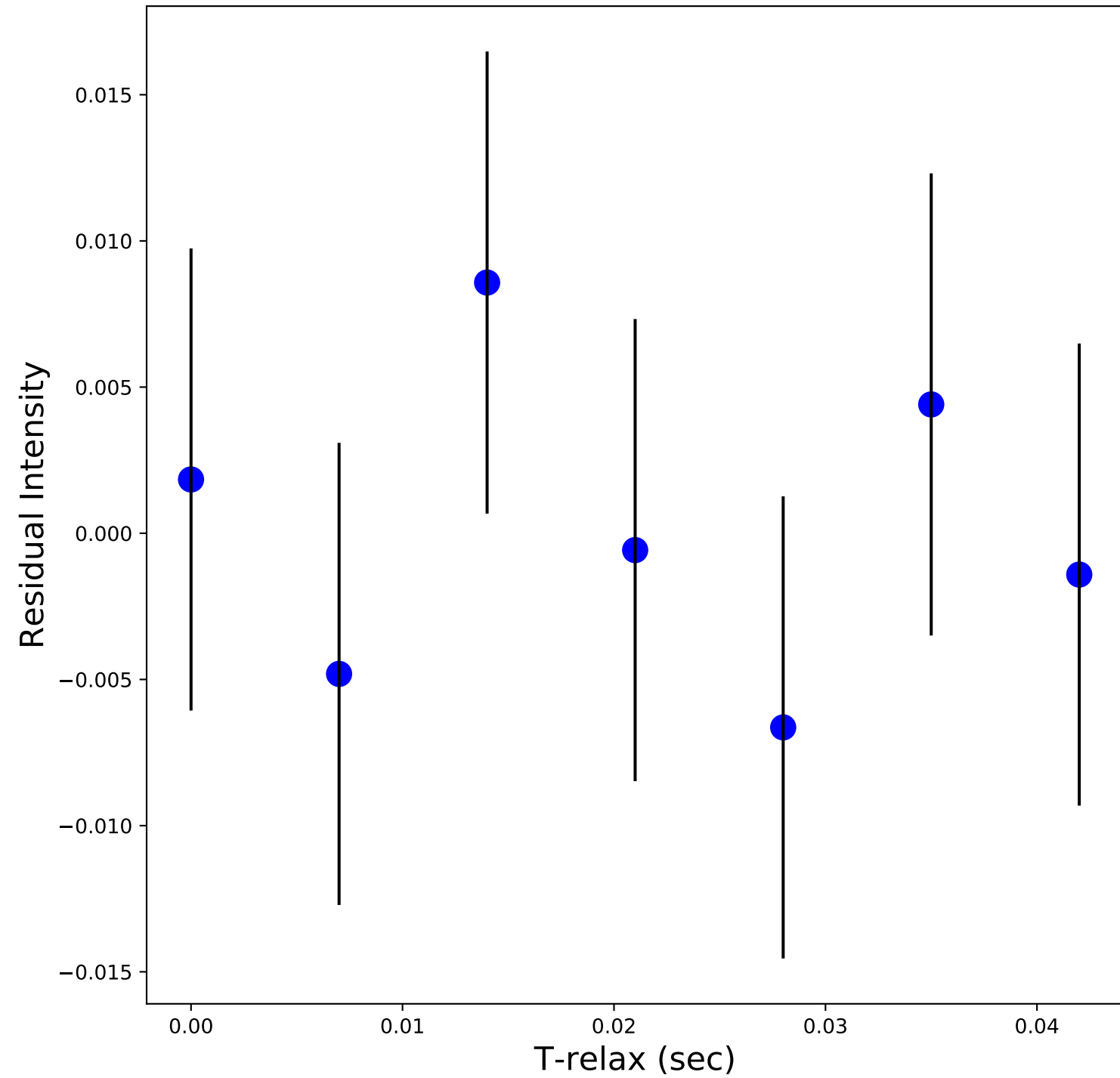
$R_{1\rho}\, 3.96 \pm 0.42\, s^{-1}\, |\, \omega_1\, 150\, Hz\, |\, \Omega_{eff} - 800\, Hz\, |\, \overline{\chi}^2 = 0.32$
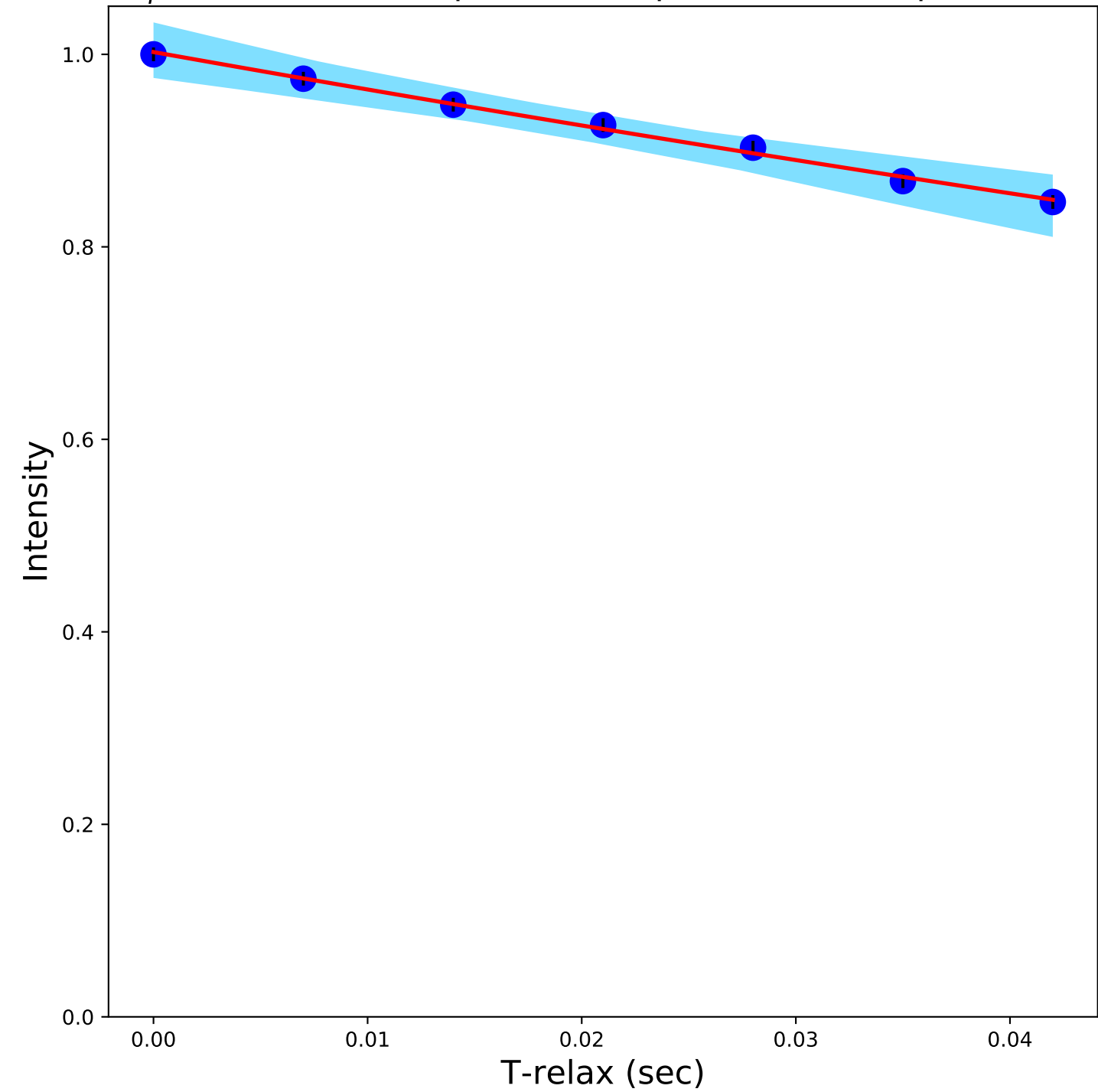
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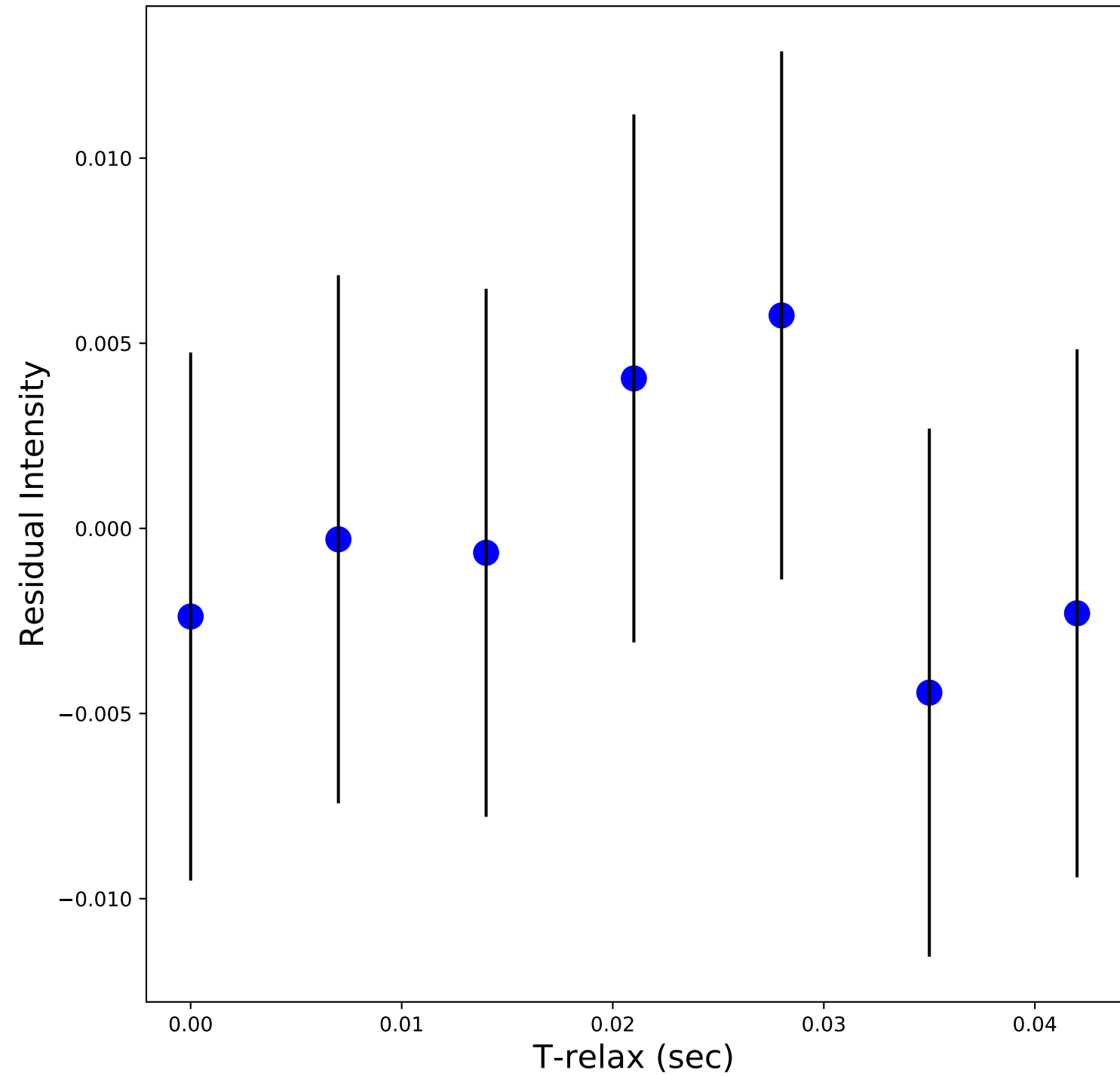
$R_{1\rho}\,3.7 \pm 0.31\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff}-850\,Hz\,|\,\overline{\chi}^2 = 0.54$
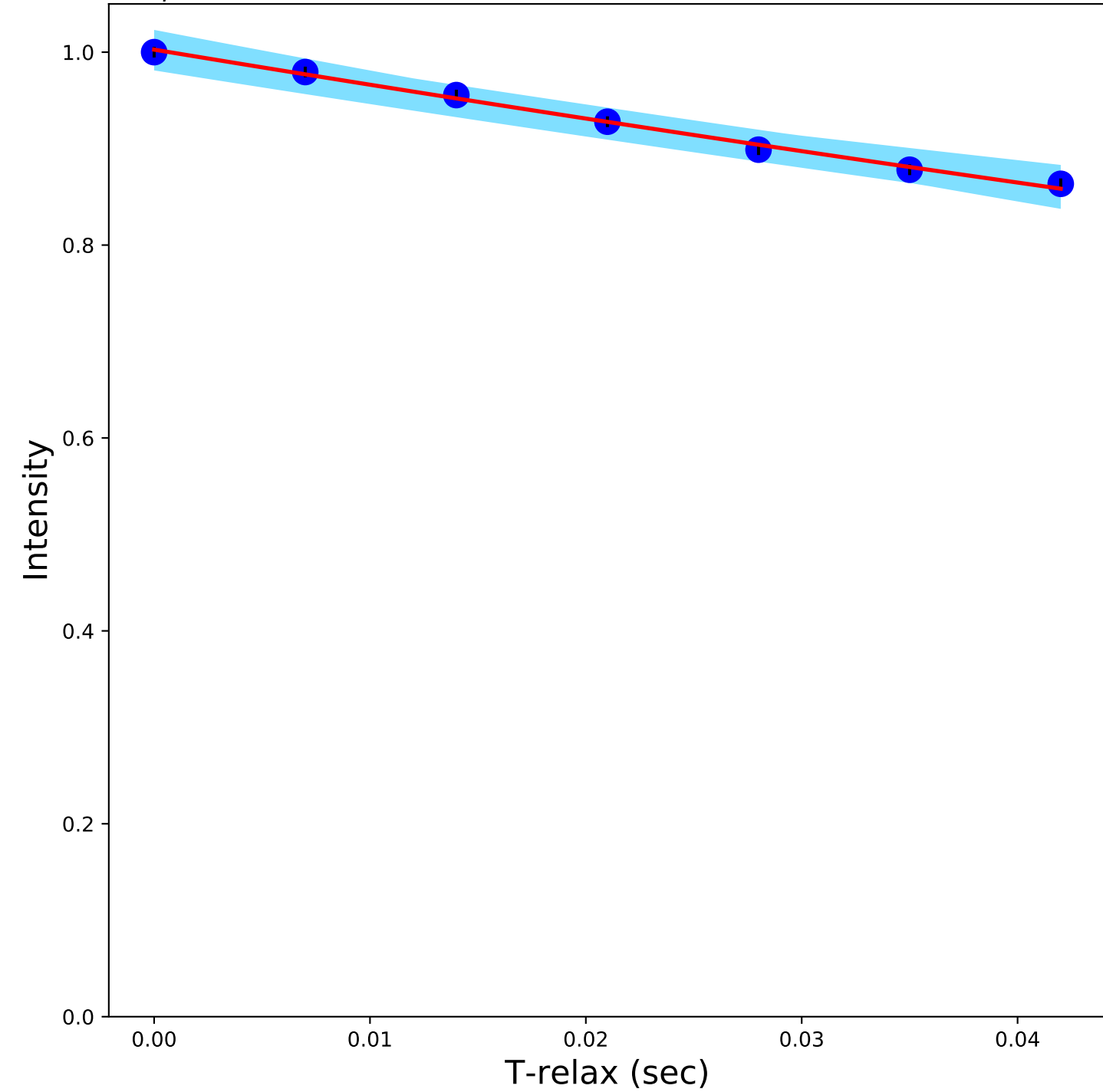
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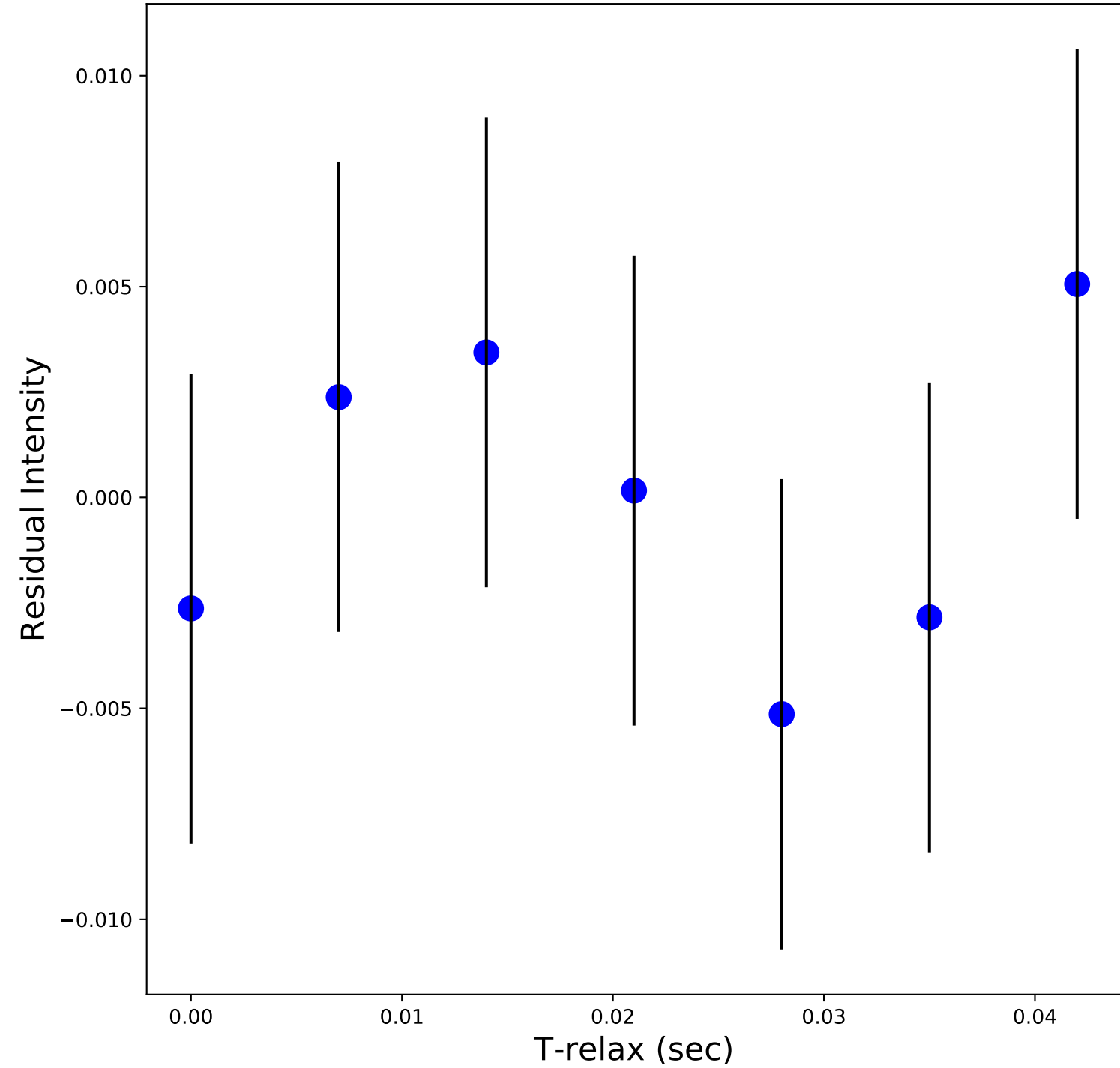
$R_{1\rho}\,3.44 \pm 0.41\,s^{-1}\,|\,\omega_1\,150\,Hz\,|\,\Omega_{eff}-900\,Hz\,|\,\overline{\chi}^2 = 0.33$
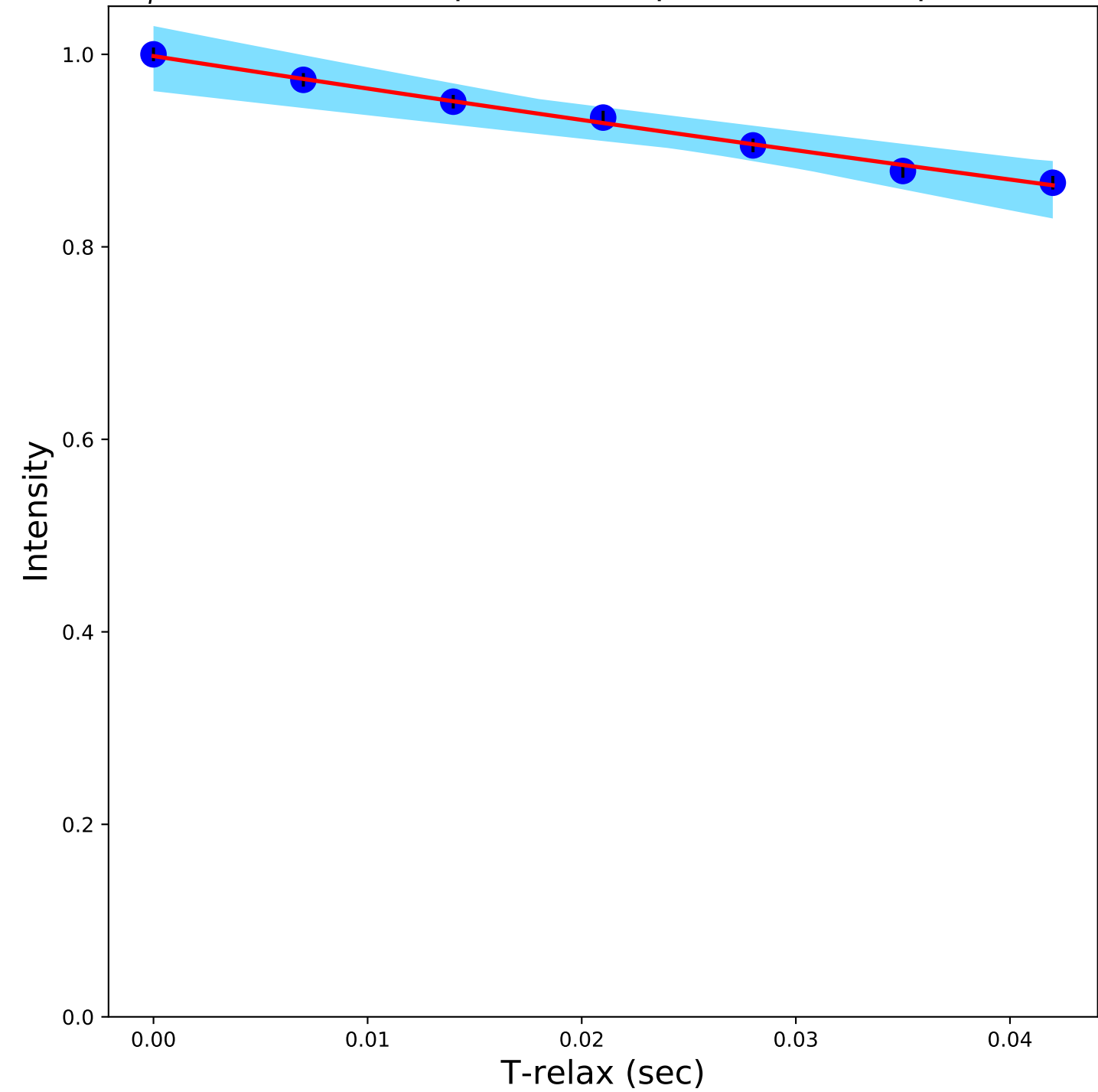
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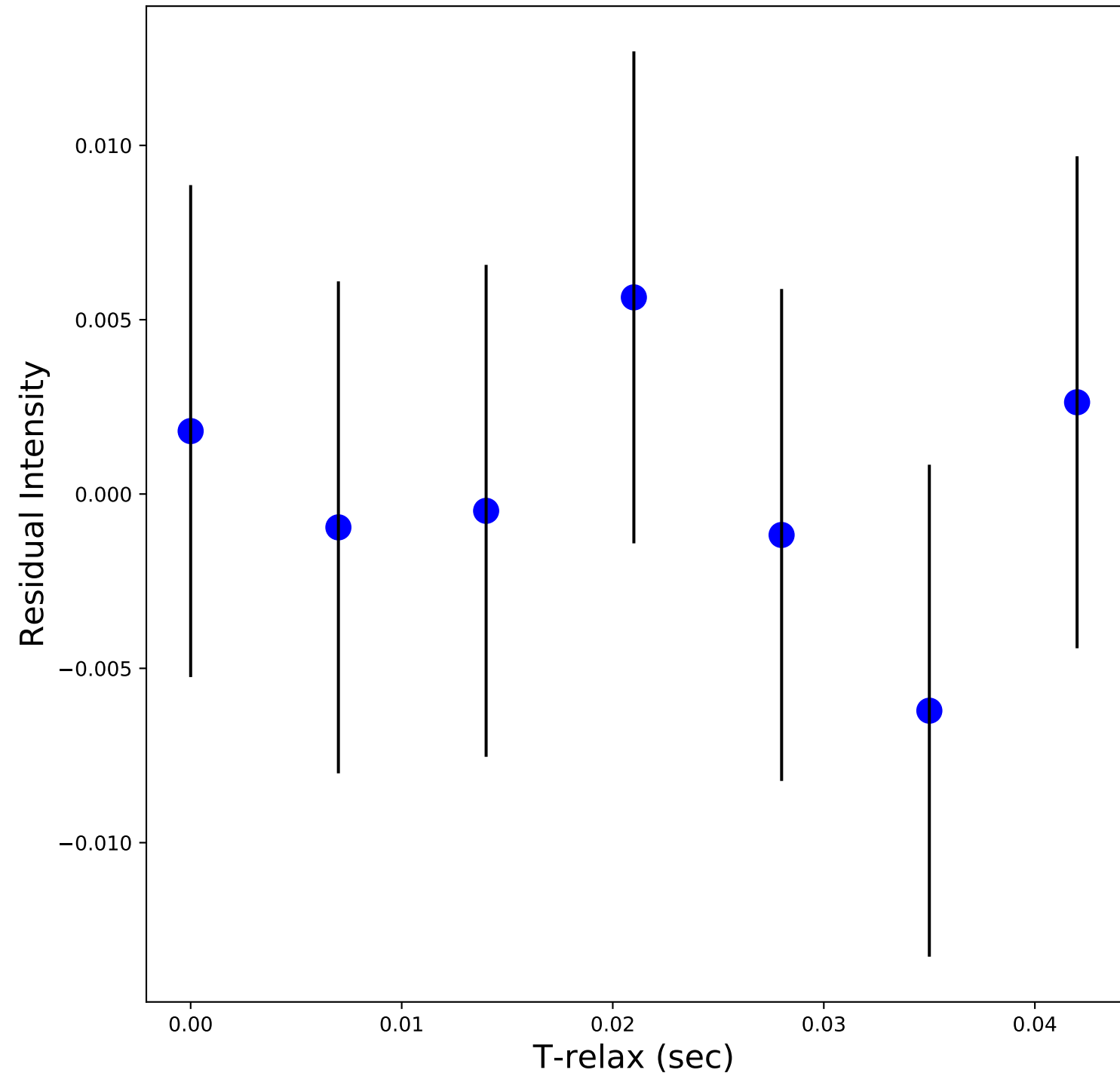
$R_{1\rho}\ 3.45 \pm 0.41\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff} - 1000\ Hz\ |\ \overline{\chi}^2 = 0.32$
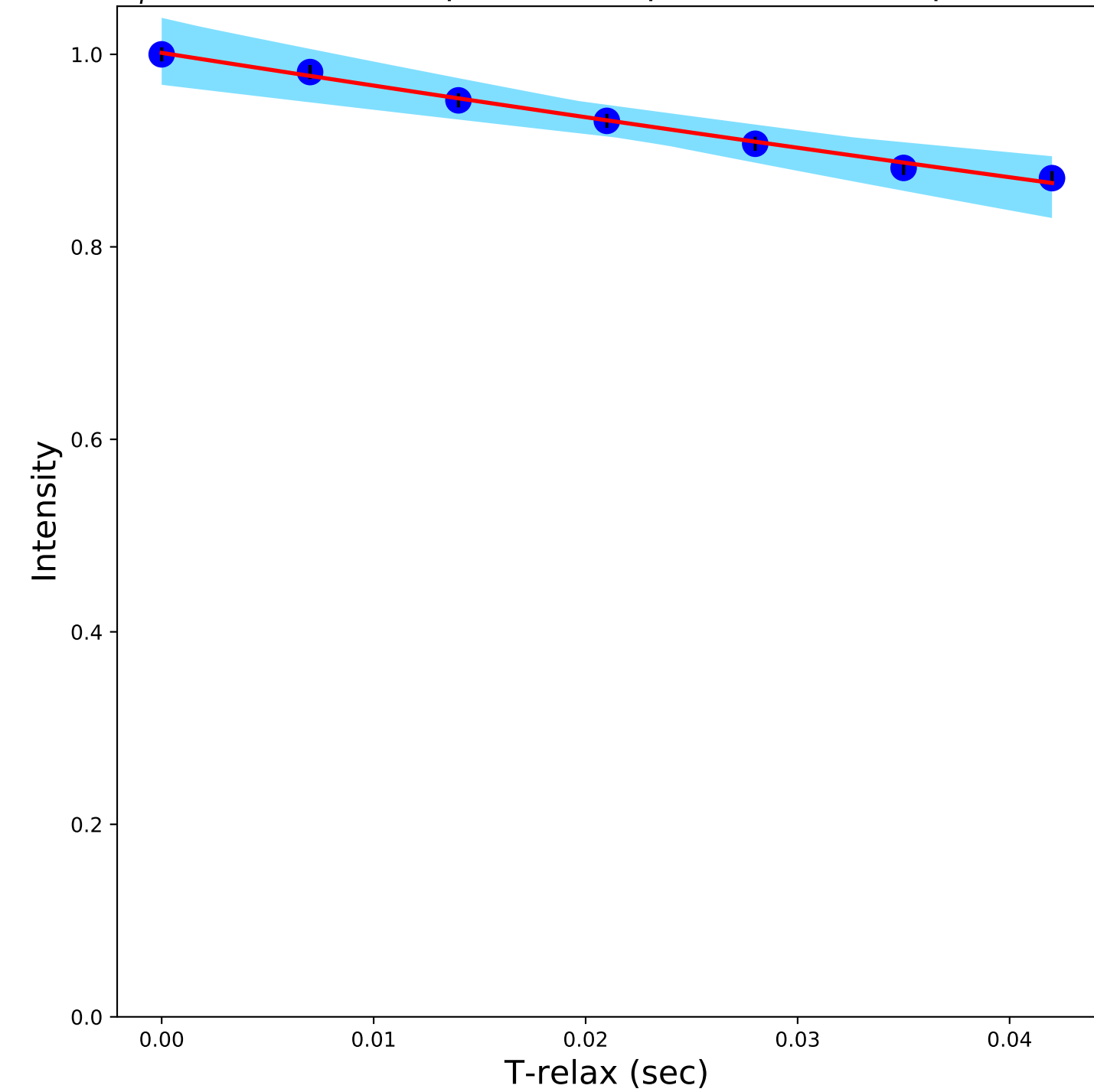
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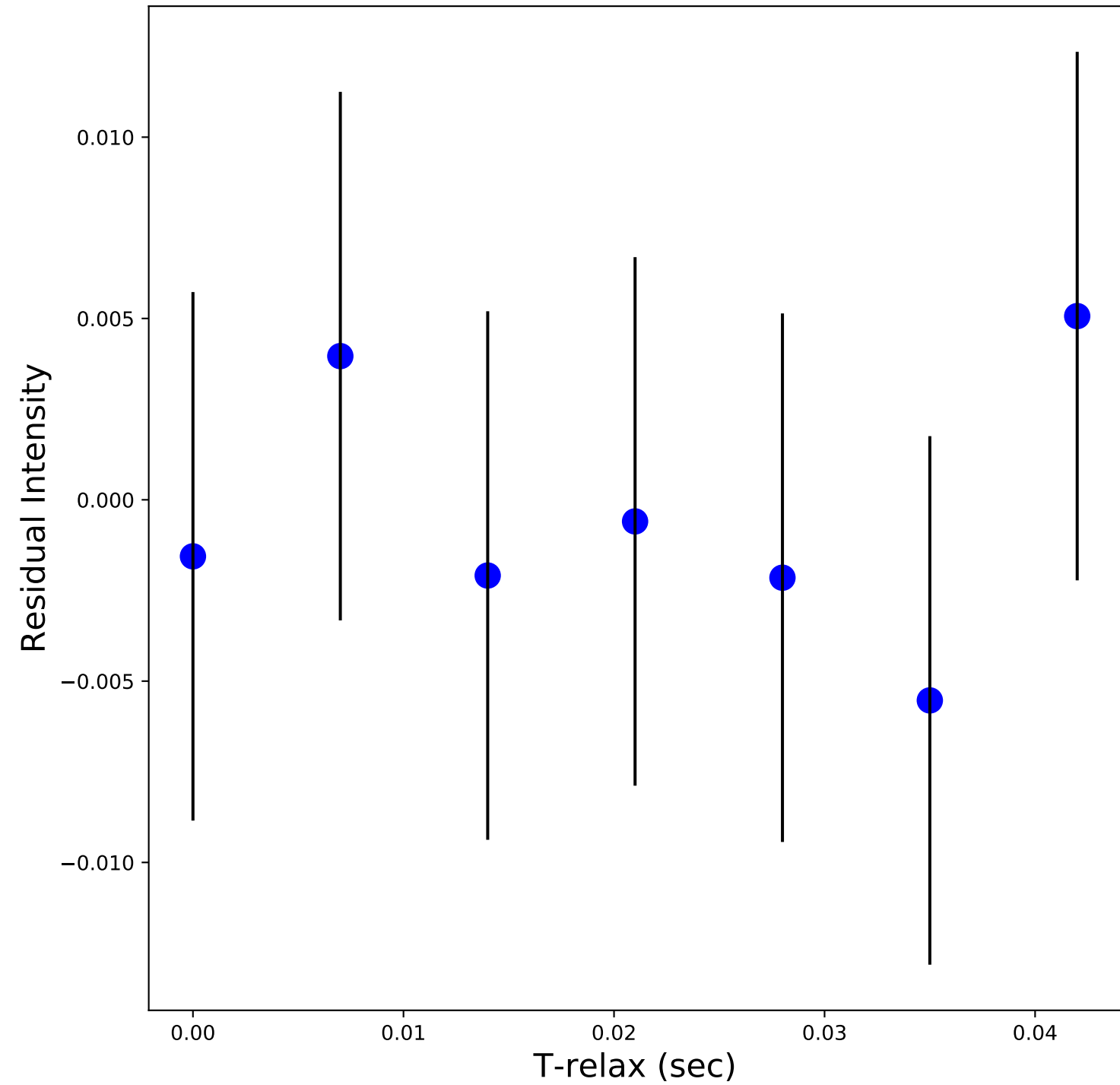
$R_{1\rho}\ 3.25 \pm 0.45\ s^{-1}\ |\ \omega_1\ 150\,Hz\ |\ \Omega_{eff} - 1100\,Hz\ |\ \overline{\chi}^2 = 0.24$
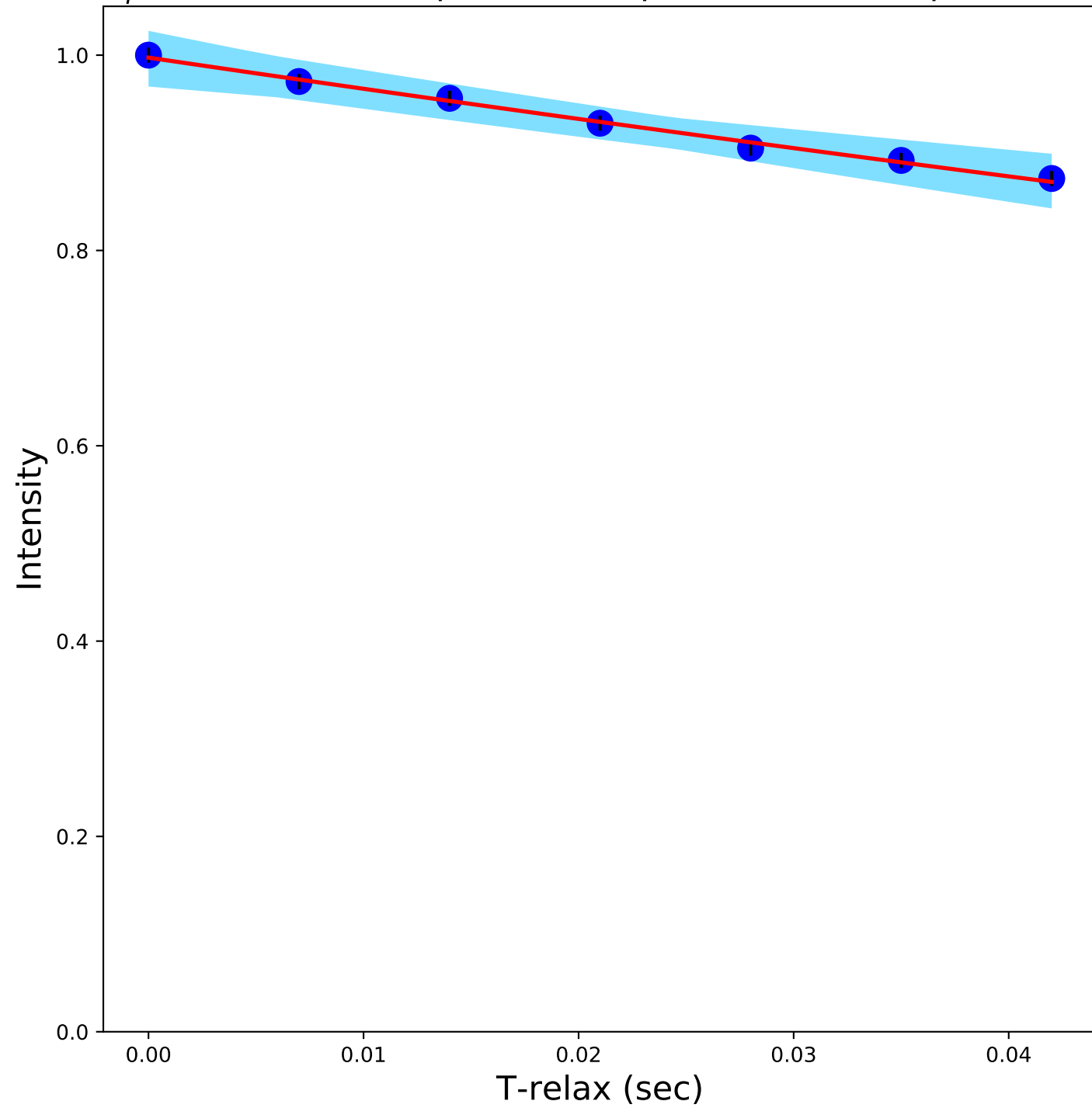
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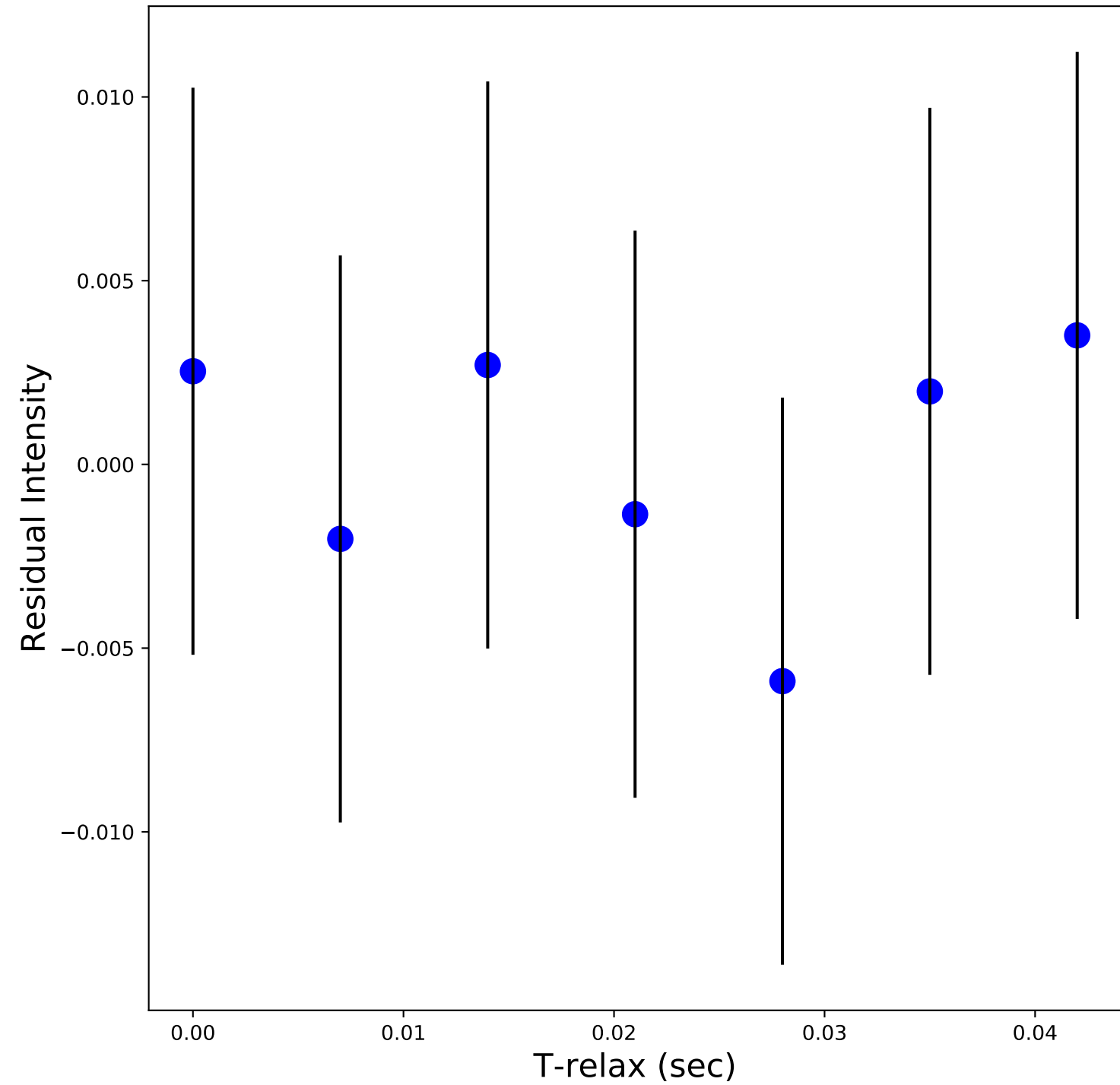
$R_{1\rho}\, 2.95 \pm 0.4\, s^{-1}\,|\,\omega_1\, 150\, Hz\,|\,\Omega_{eff} - 1200\, Hz\,|\,\overline{\chi}^2 = 0.6$
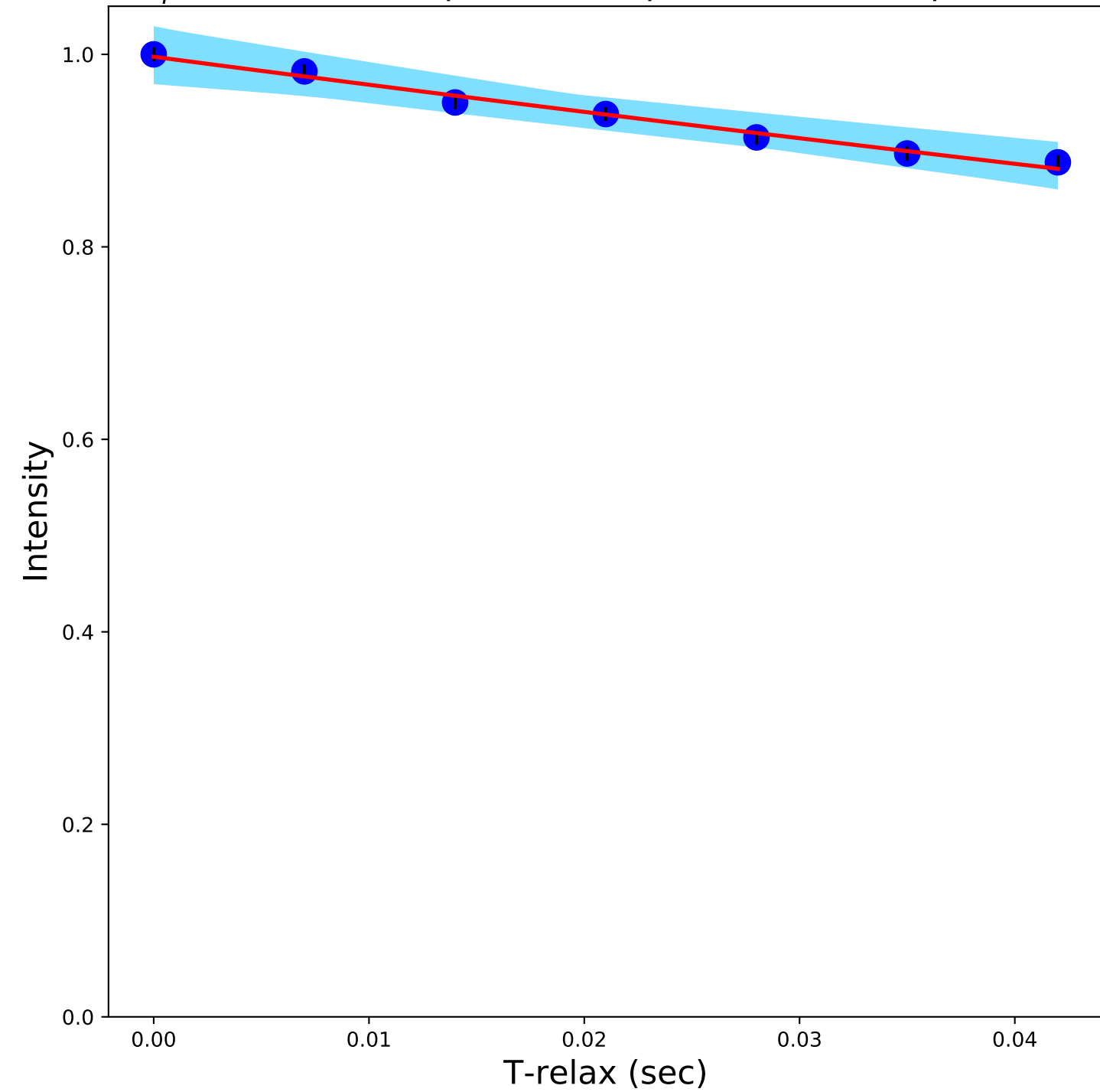
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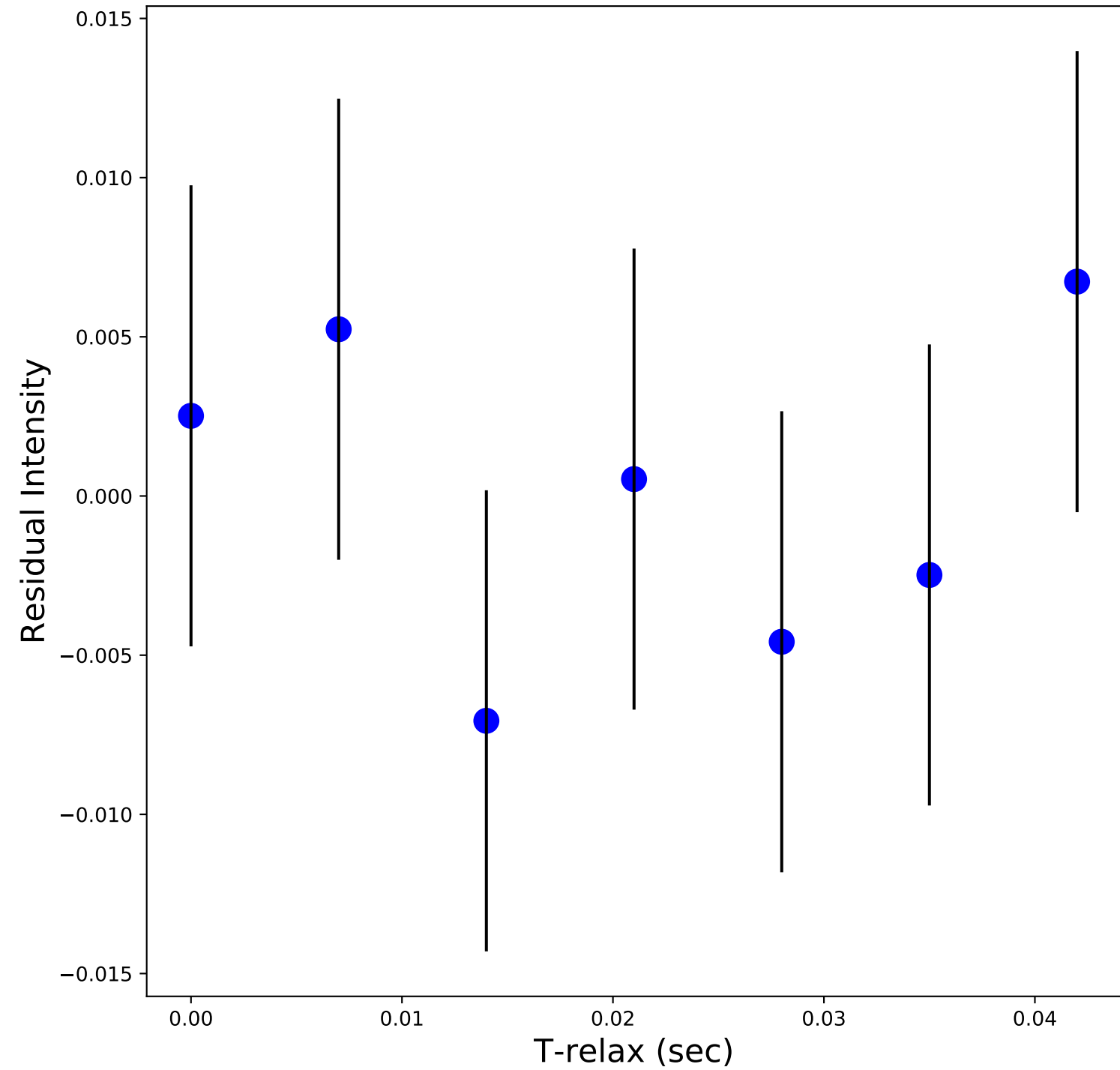
$R_{1\rho}\ 3.29 \pm 0.53\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff} - 1350\ Hz\ |\ \overline{\chi}^2 = 0.23$
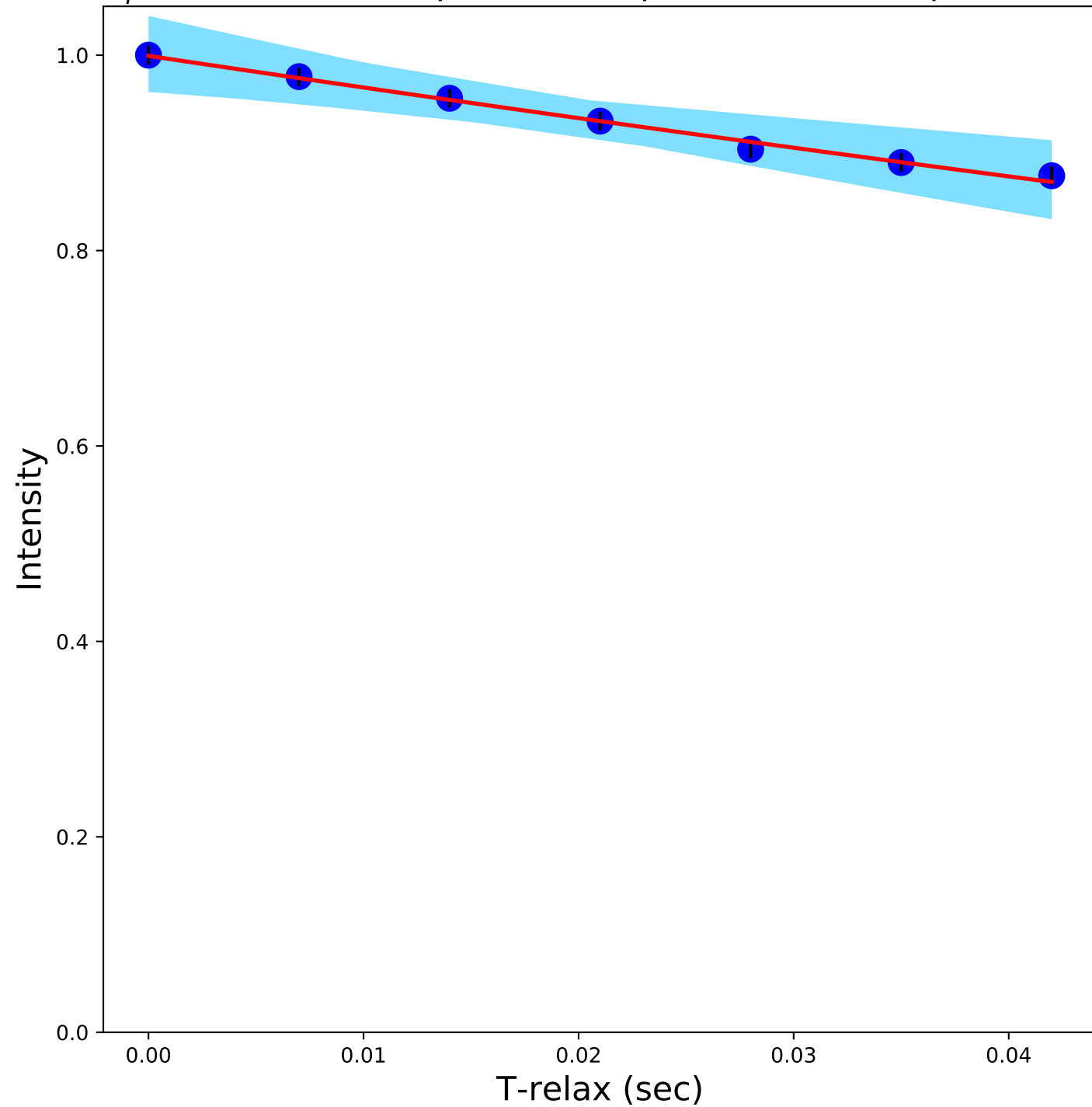
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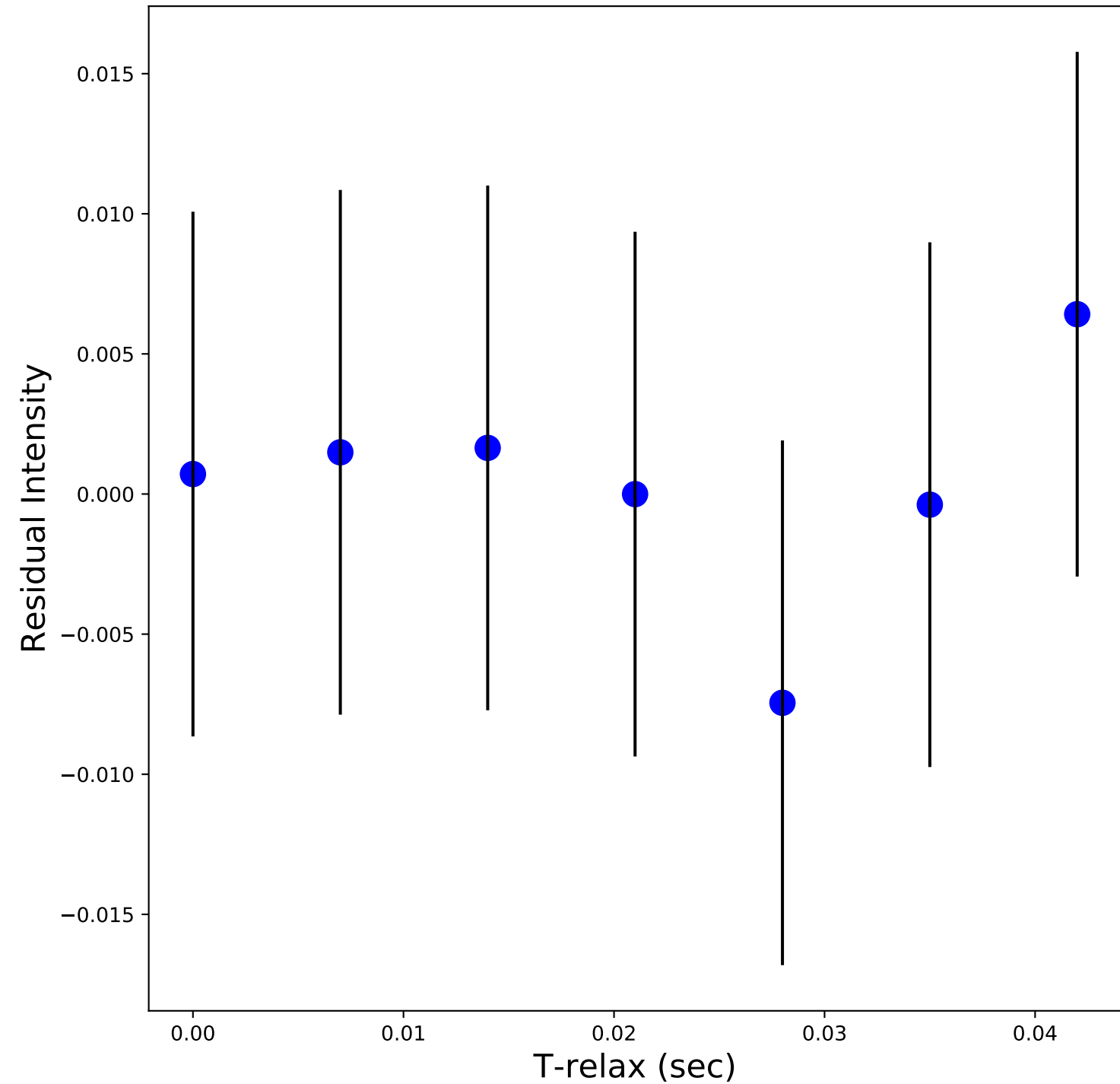
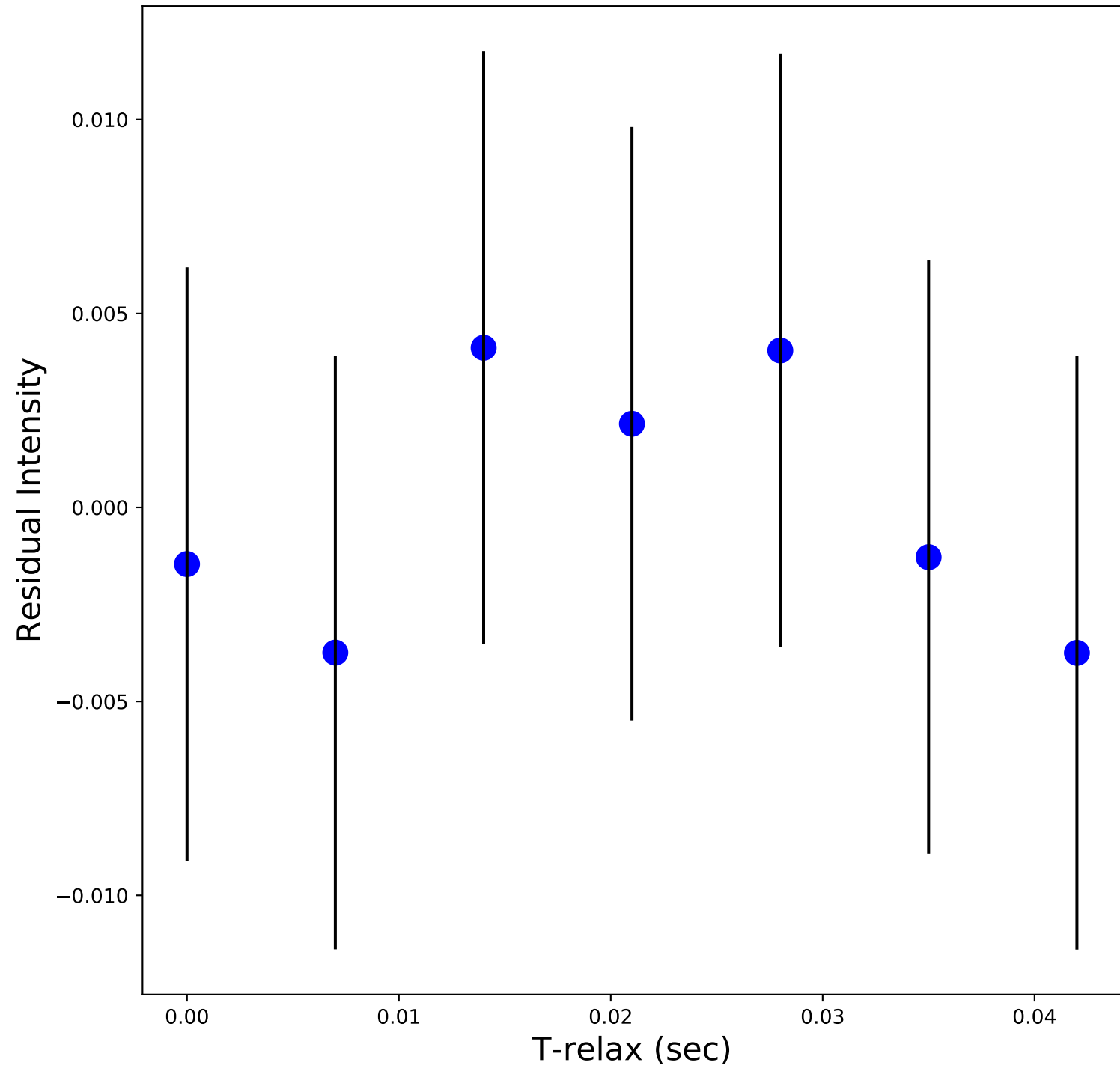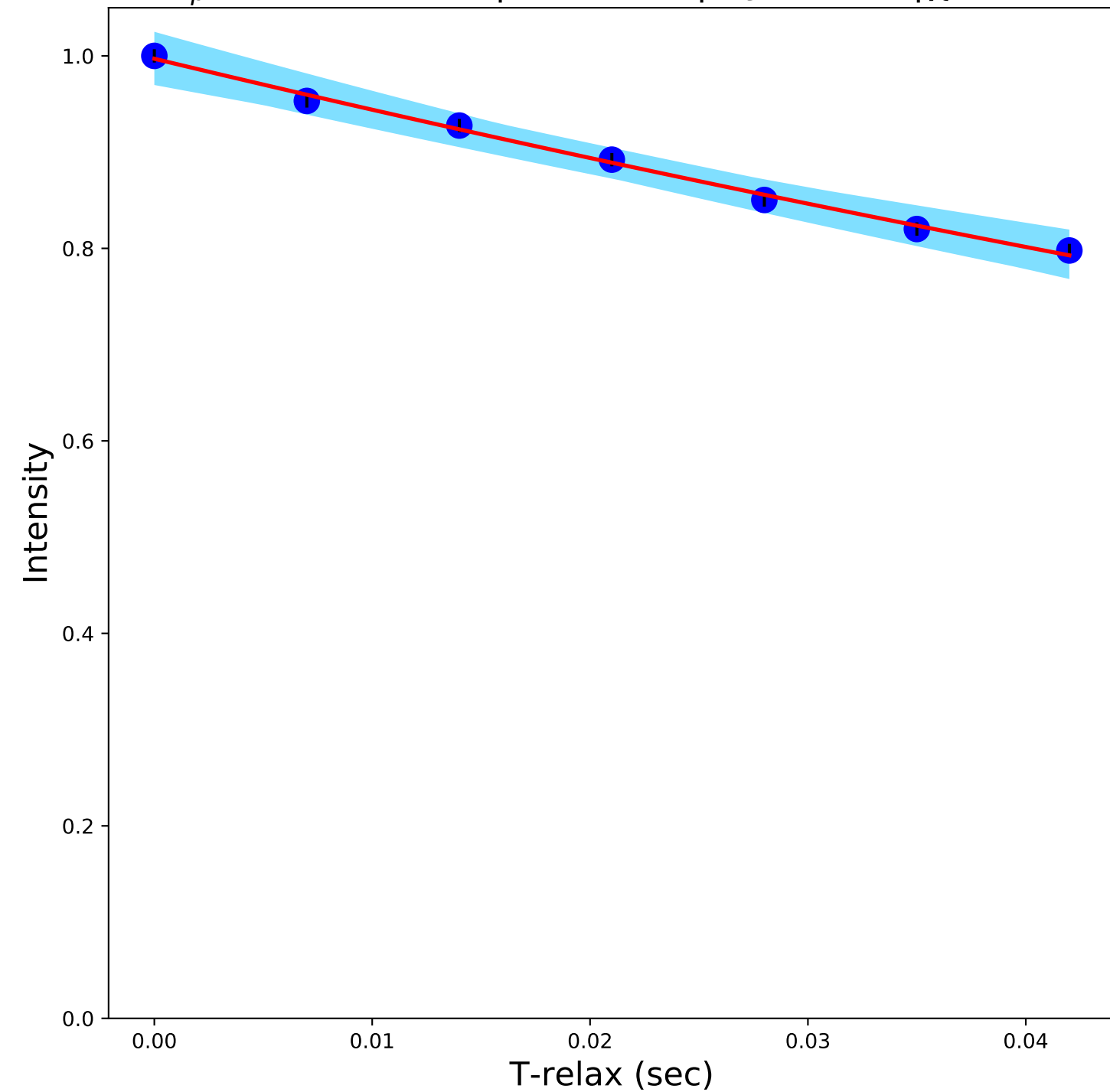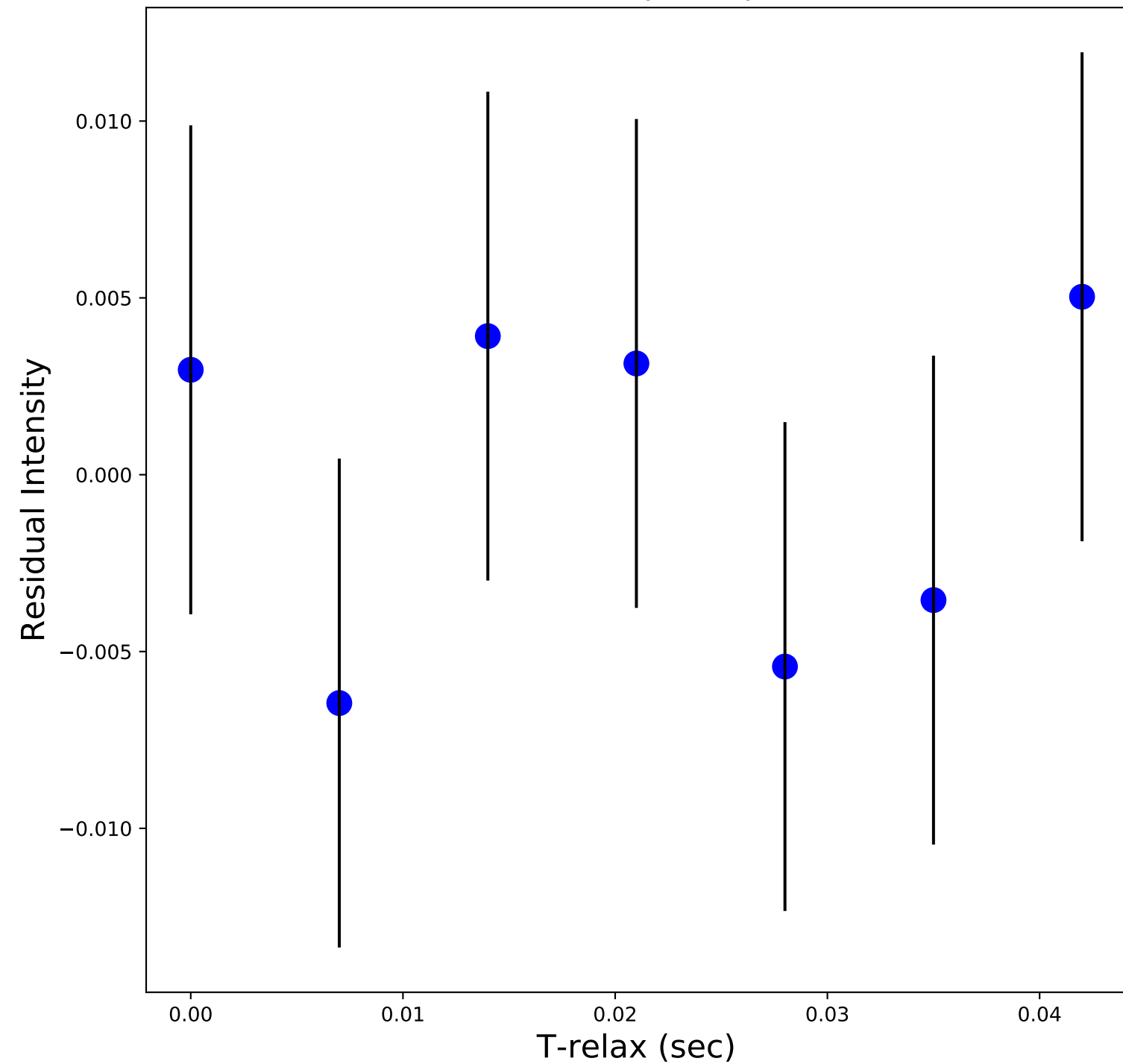$R_{1\rho}\ 12.8 \pm 0.54\ s^{-1}\ |\ \omega_1\ 150\ Hz\ |\ \Omega_{eff}\ 150\ Hz\ |\ \overline{\chi}^2 = 0.24$
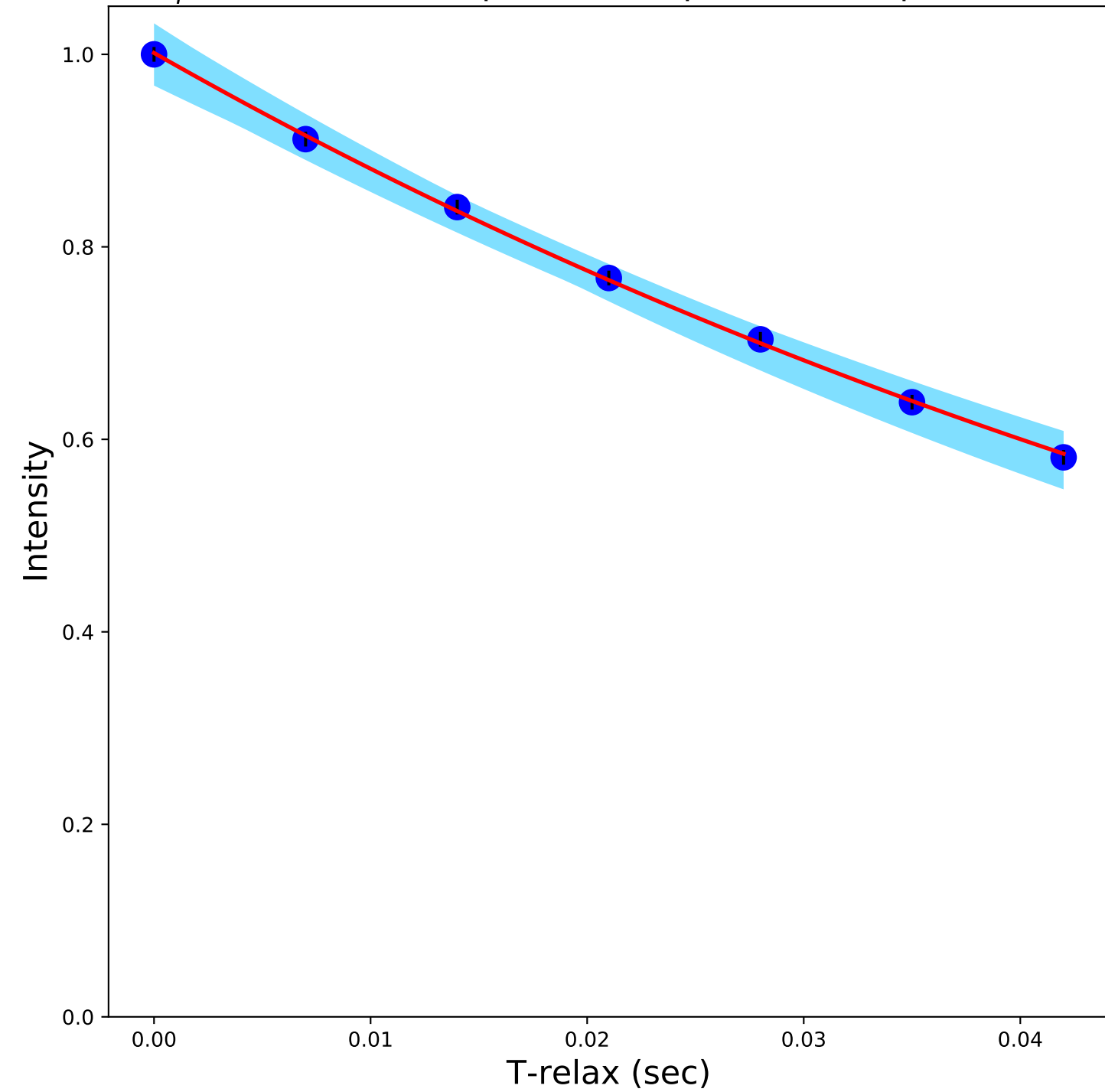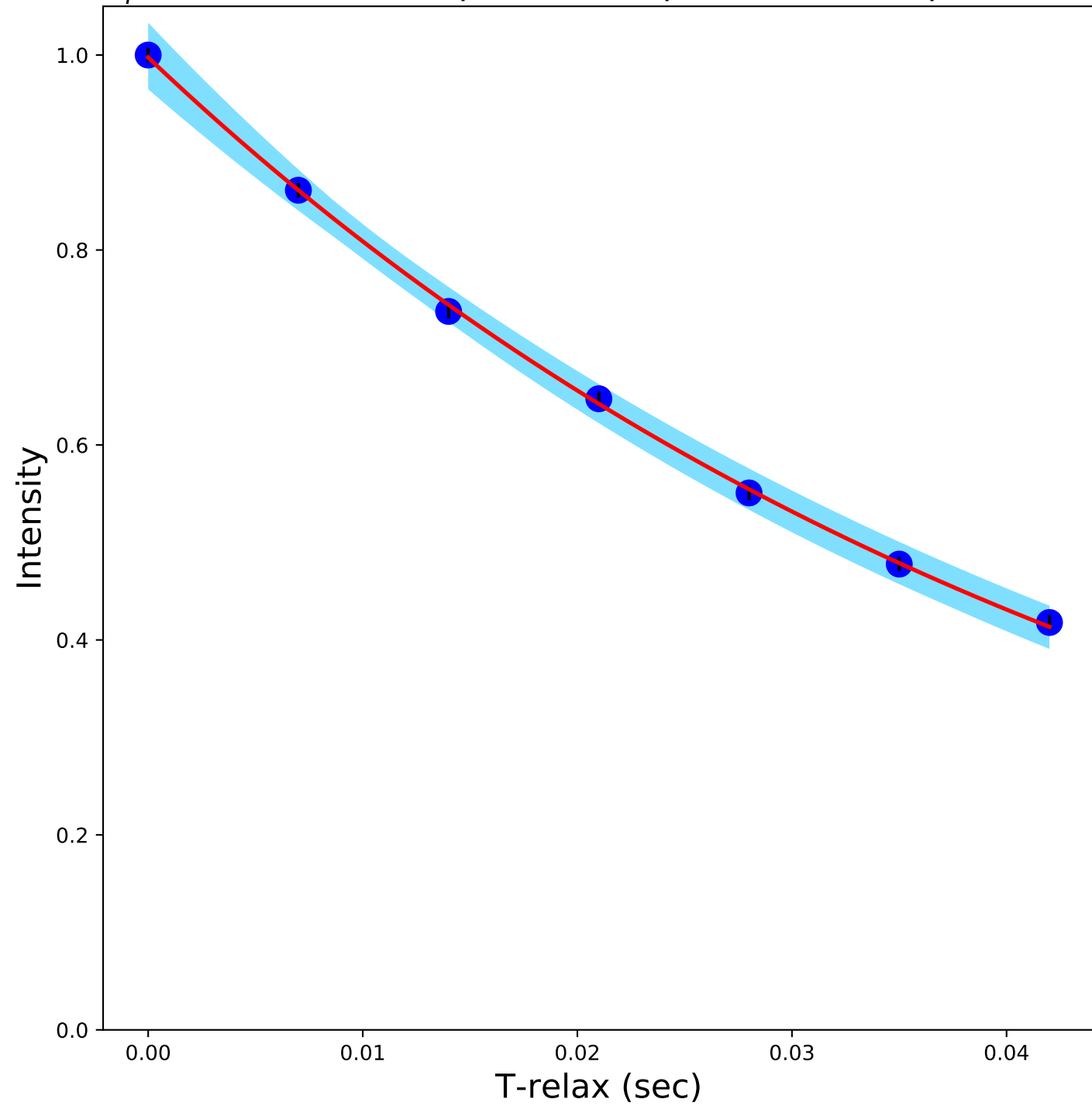
Folder (1467)

$R_{1\rho}\, 5.46 \pm 0.43\, s^{-1} \mid \omega_1\, 150\, Hz \mid \Omega_{eff}\, 400\, Hz \mid \overline{\chi}^2 = 0.6$
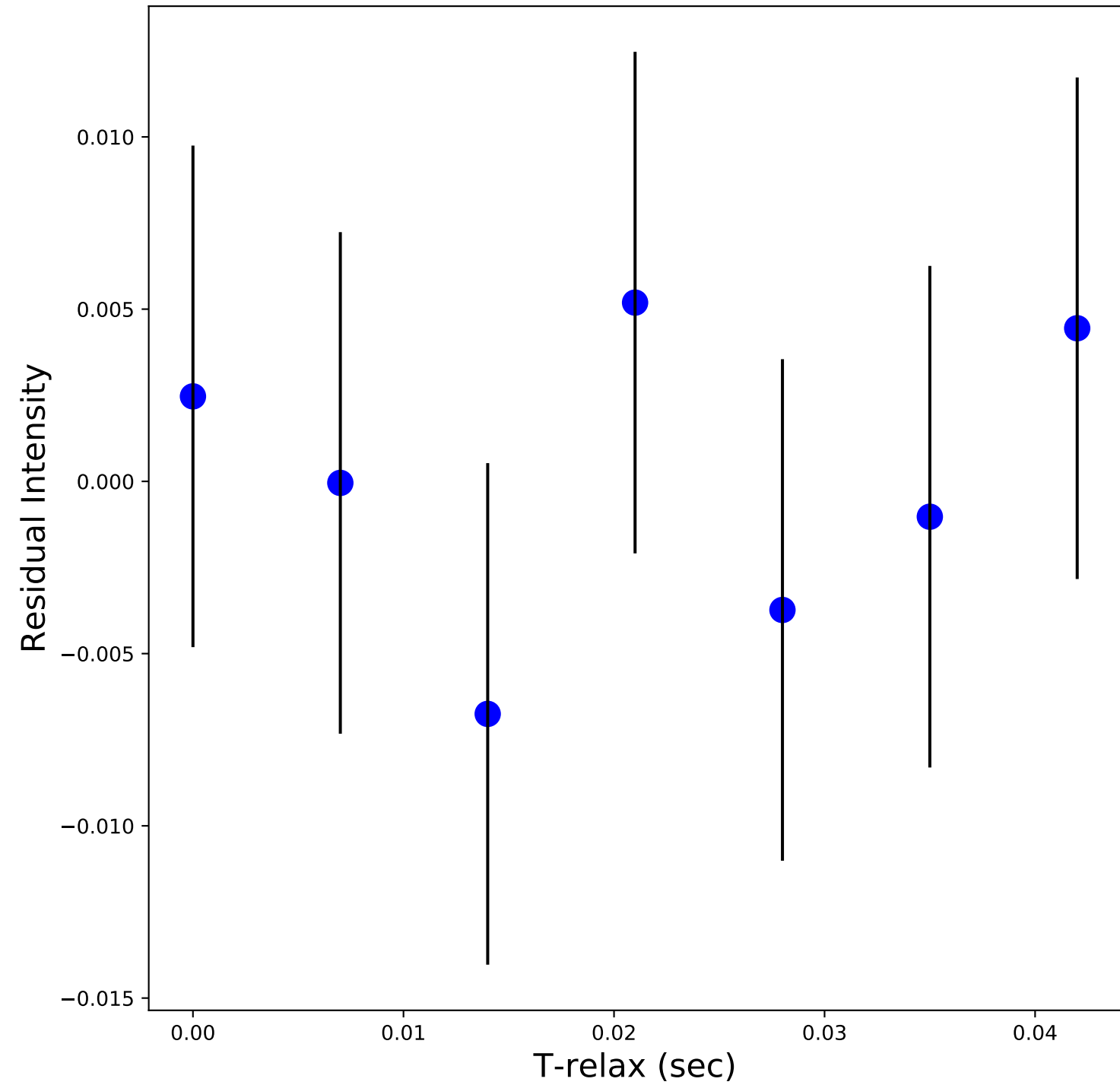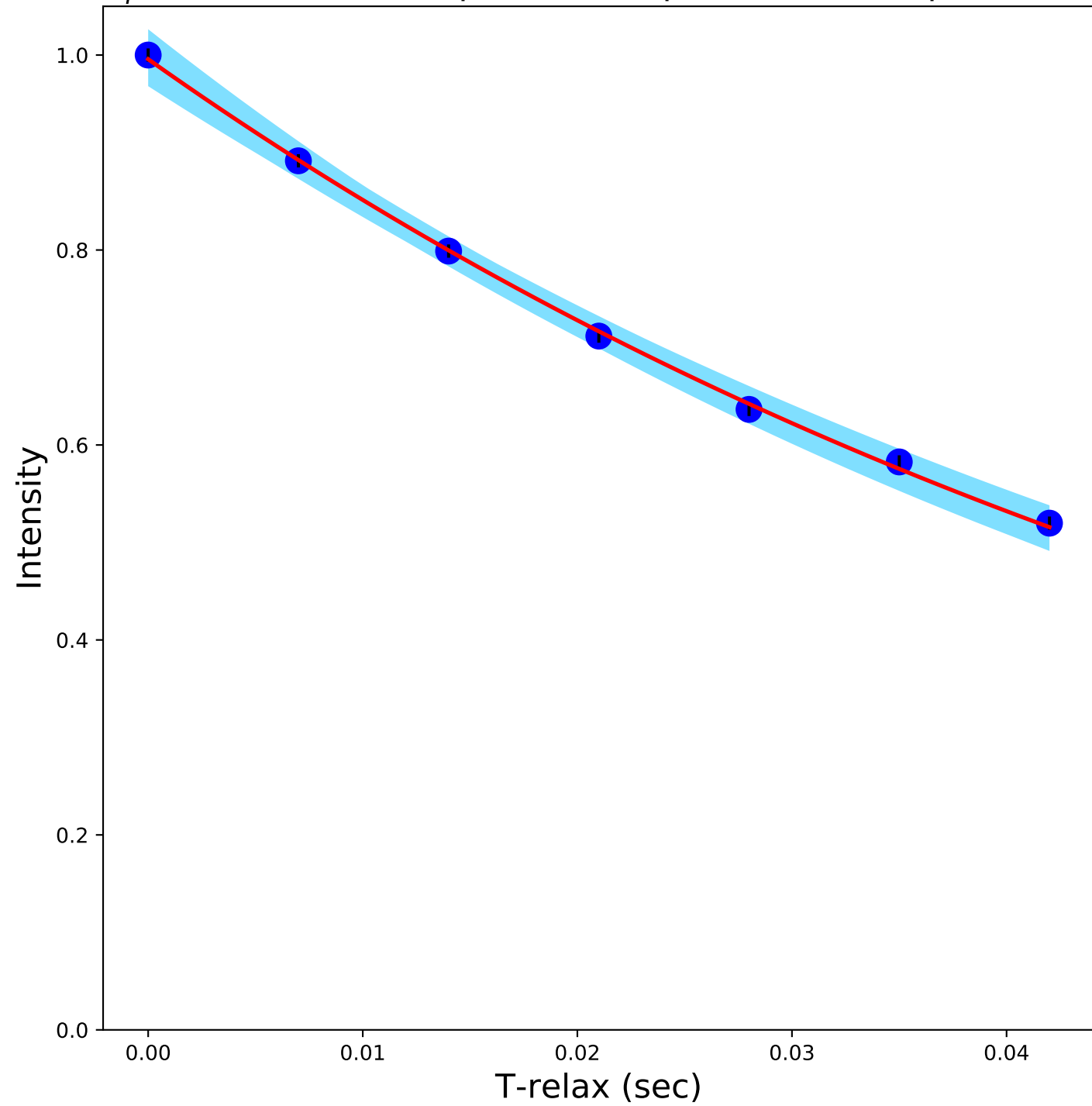
Folder (1468)

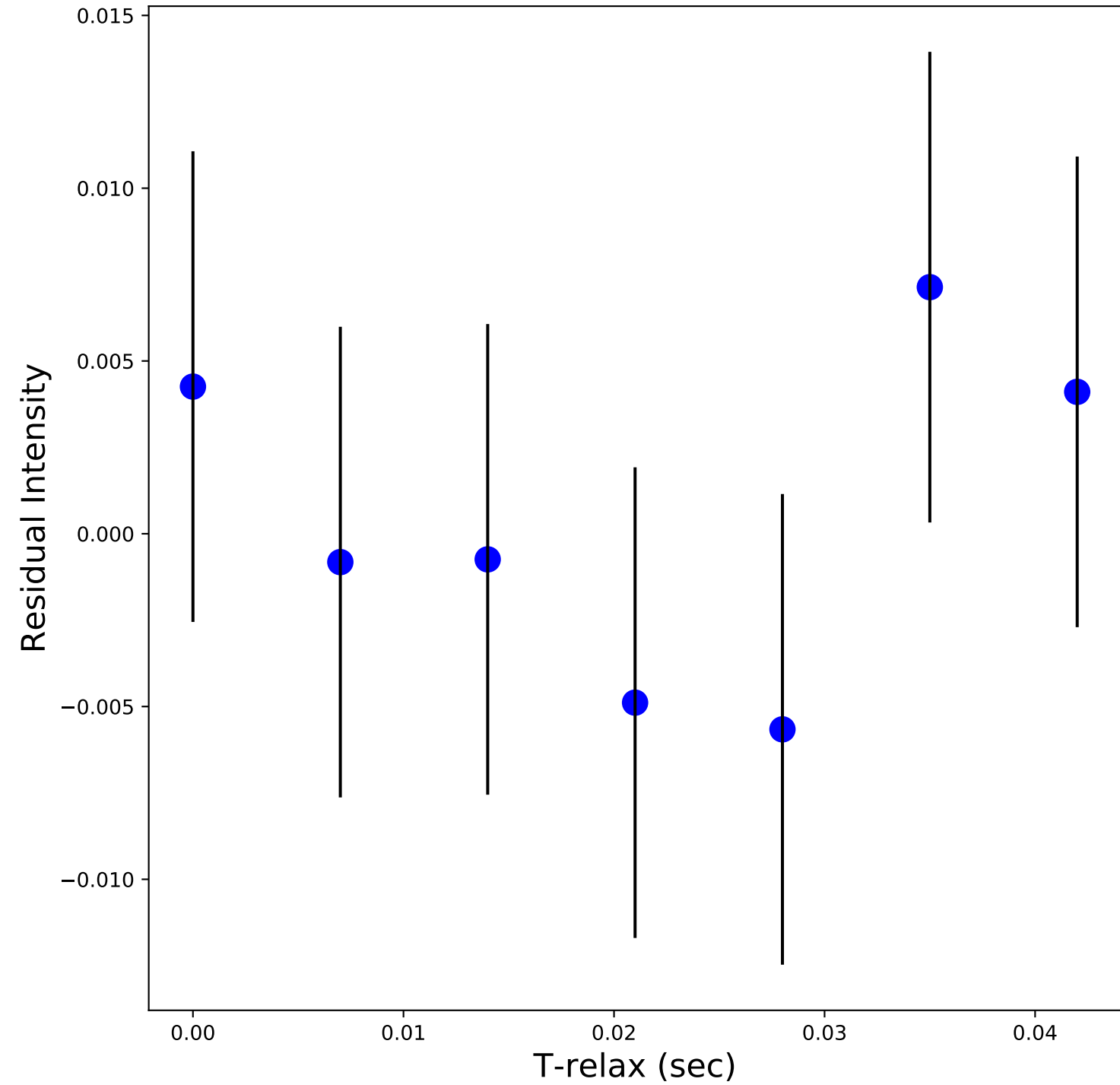$R_{1\rho}\ 20.97 \pm 0.61\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} -100\ Hz\ |\ \overline{\chi}^2 = 0.43$

Folder (1469)

$R_{1\rho}\ 15.67 \pm 0.52\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} - 200\ Hz\ |\ \overline{\chi}^2 = 0.62$
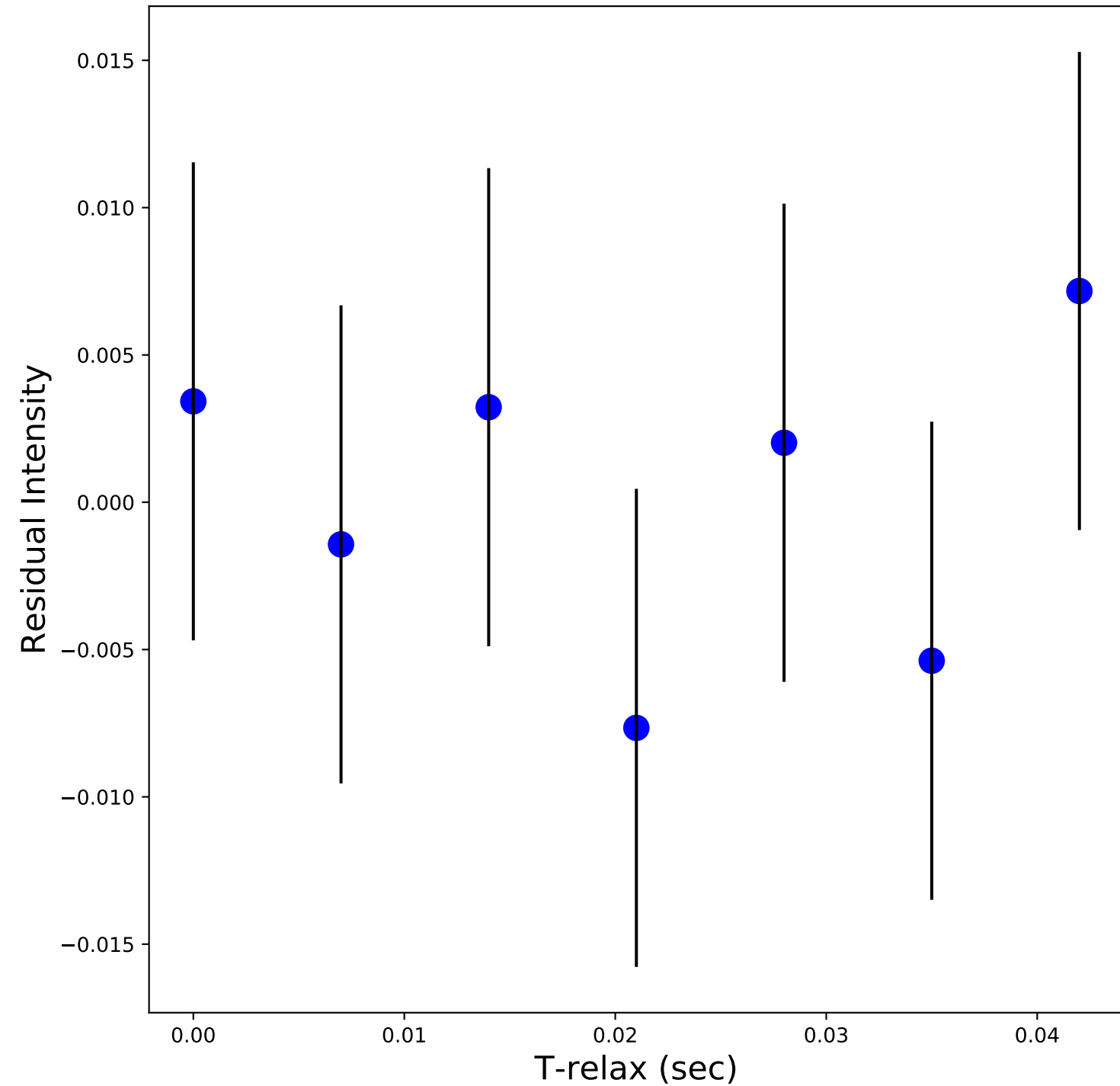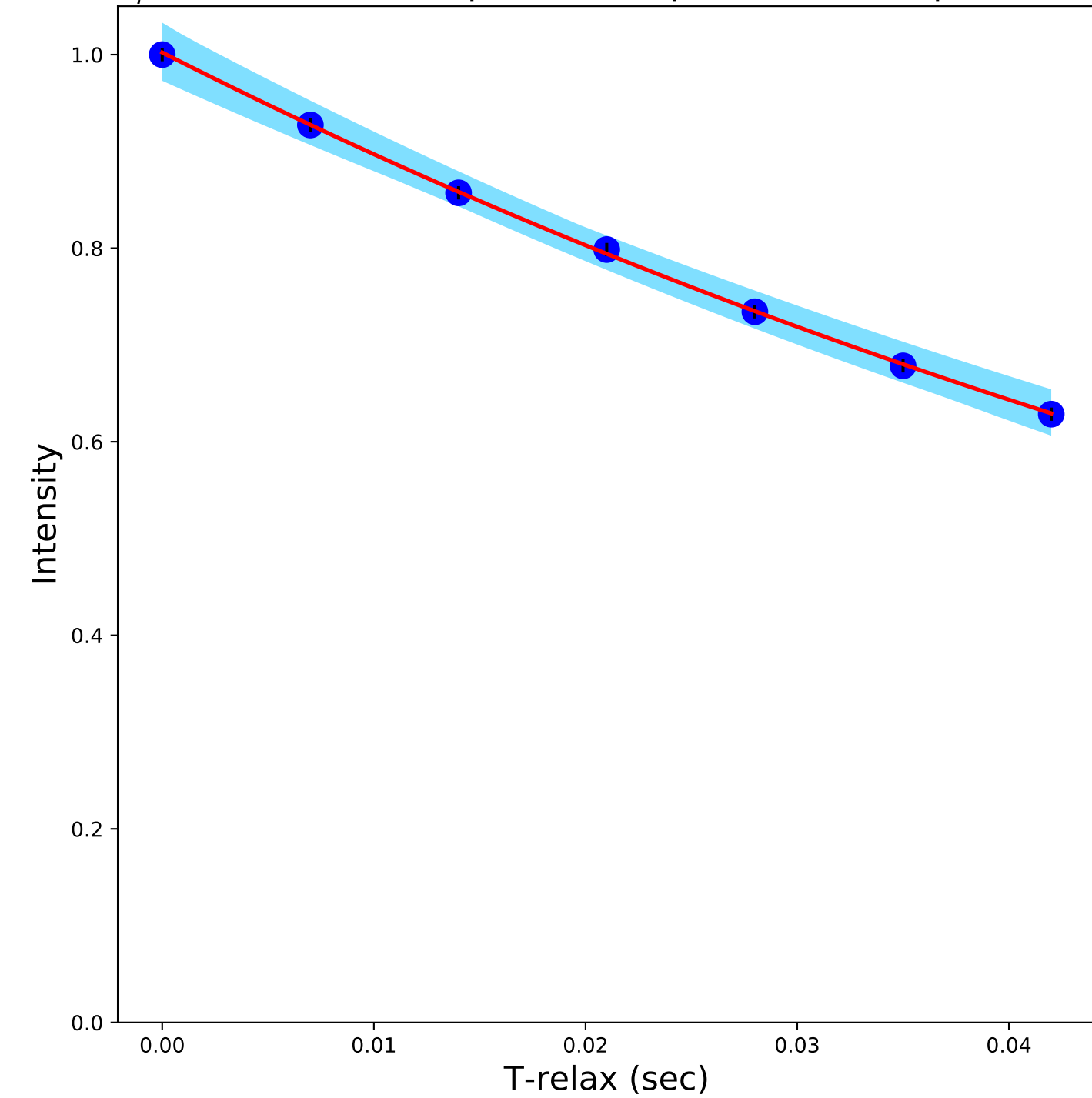
Folder (1470)

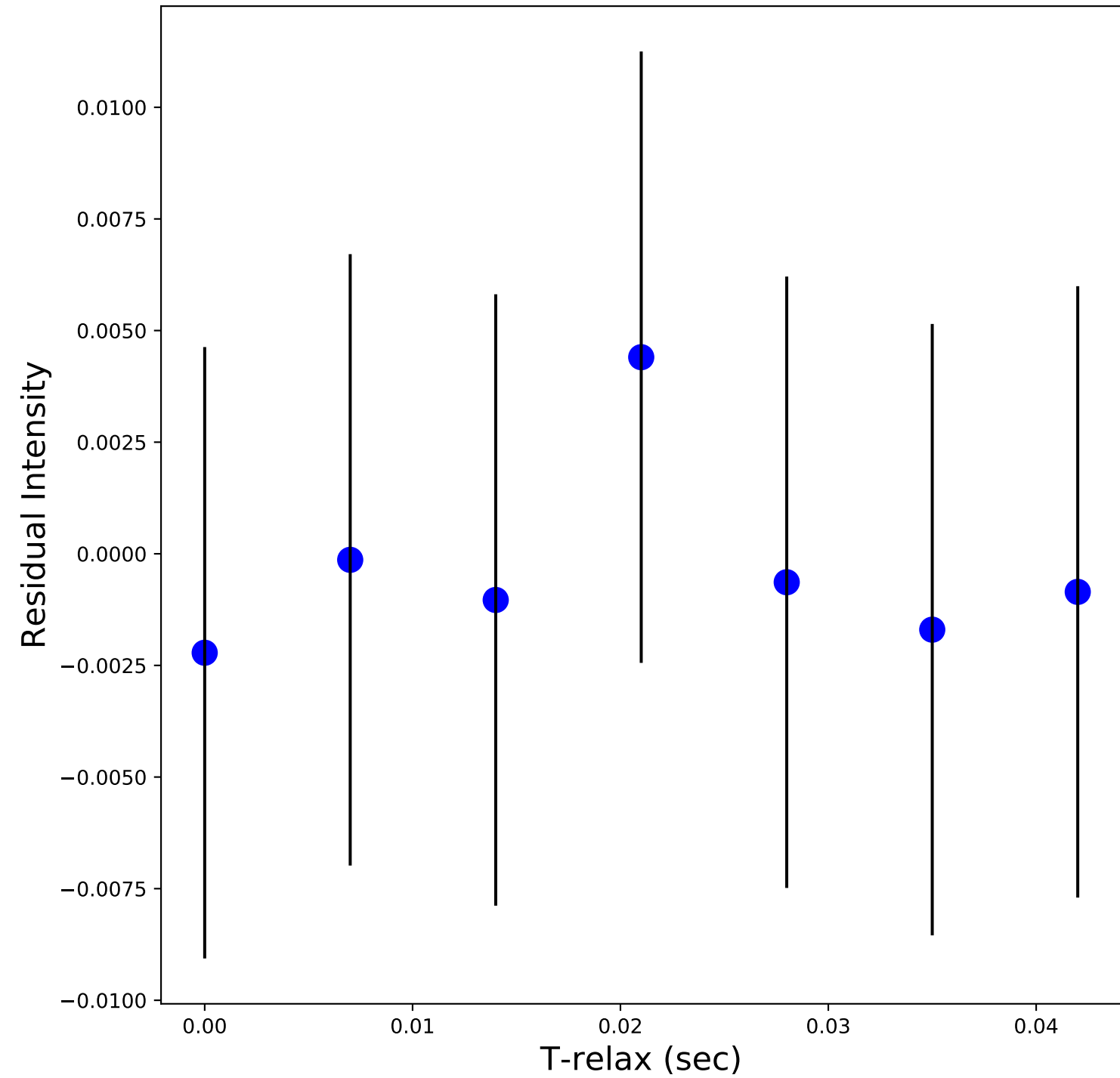$R_{1\rho}\ 12.21 \pm 0.57\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} - 300\ Hz\ |\ \overline{\chi}^2 = 0.51$
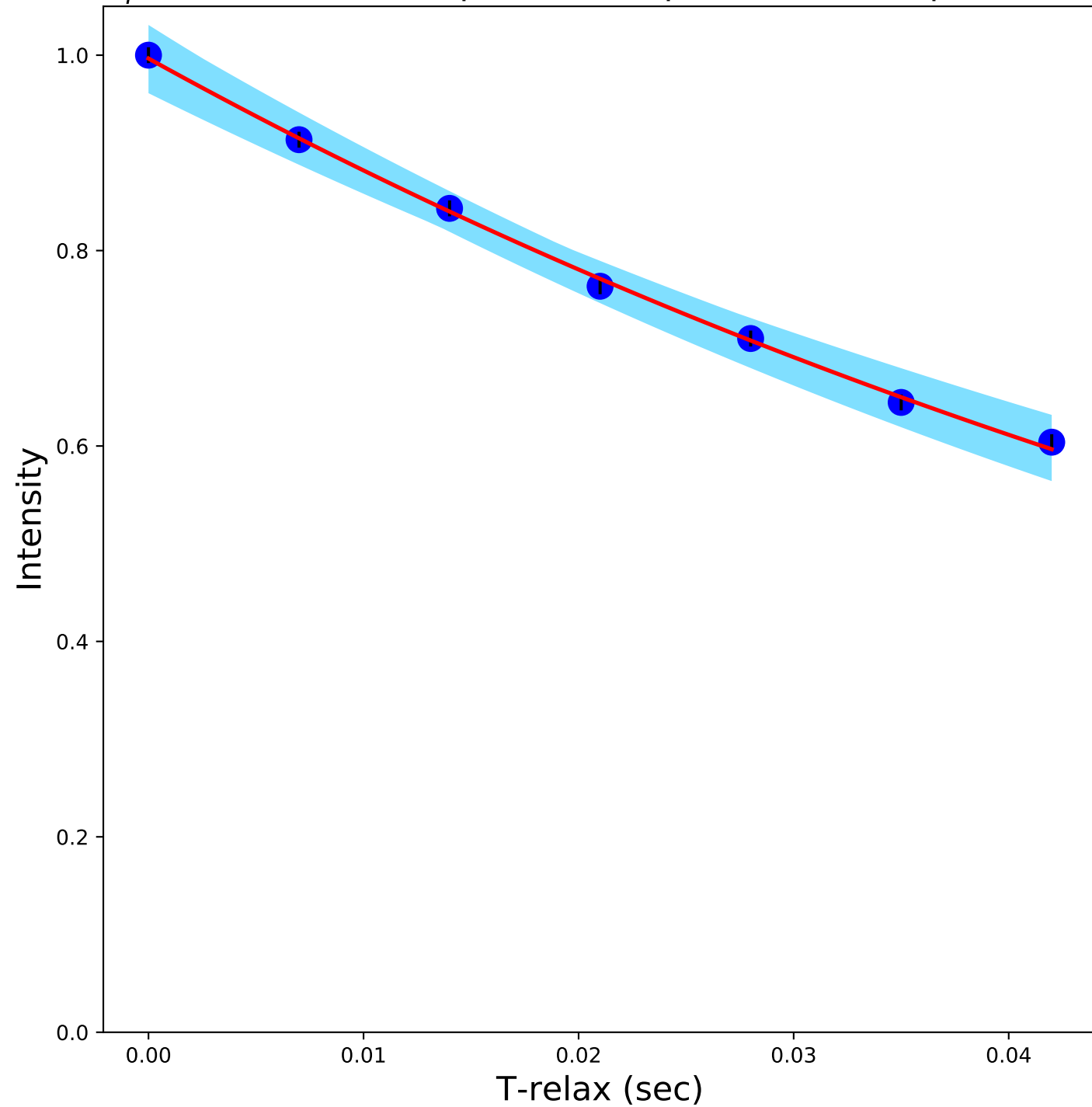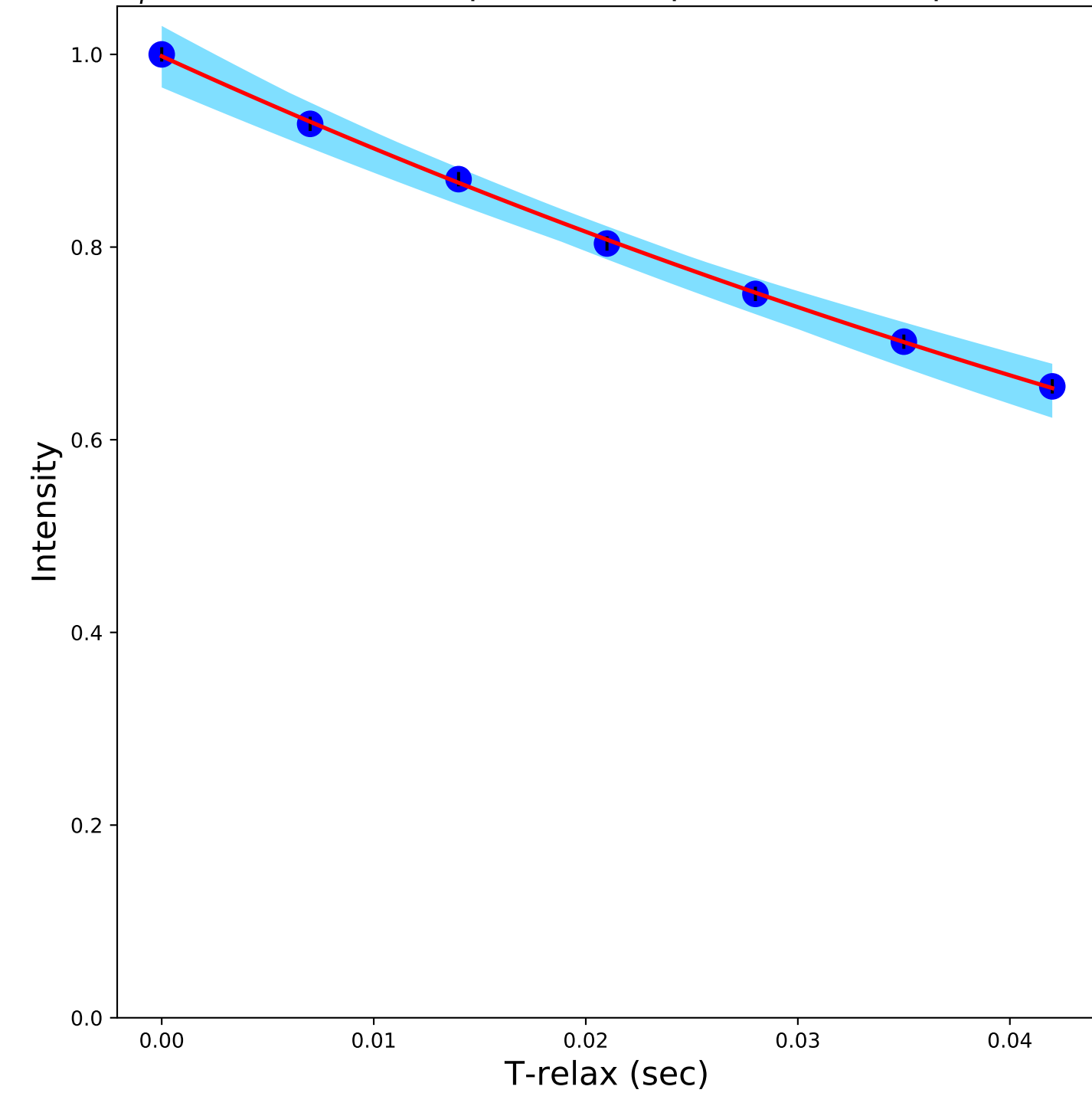
Folder (1471)

$R_{1\rho}\ 11.08 \pm 0.46\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} - 350\ Hz\ |\ \overline{\chi}^2 = 0.13$

Folder (1472)

$R_{1\rho}\ 10.08 \pm 0.47\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} - 400\ Hz\ |\ \overline{\chi}^2 = 0.16$

Folder (1473)
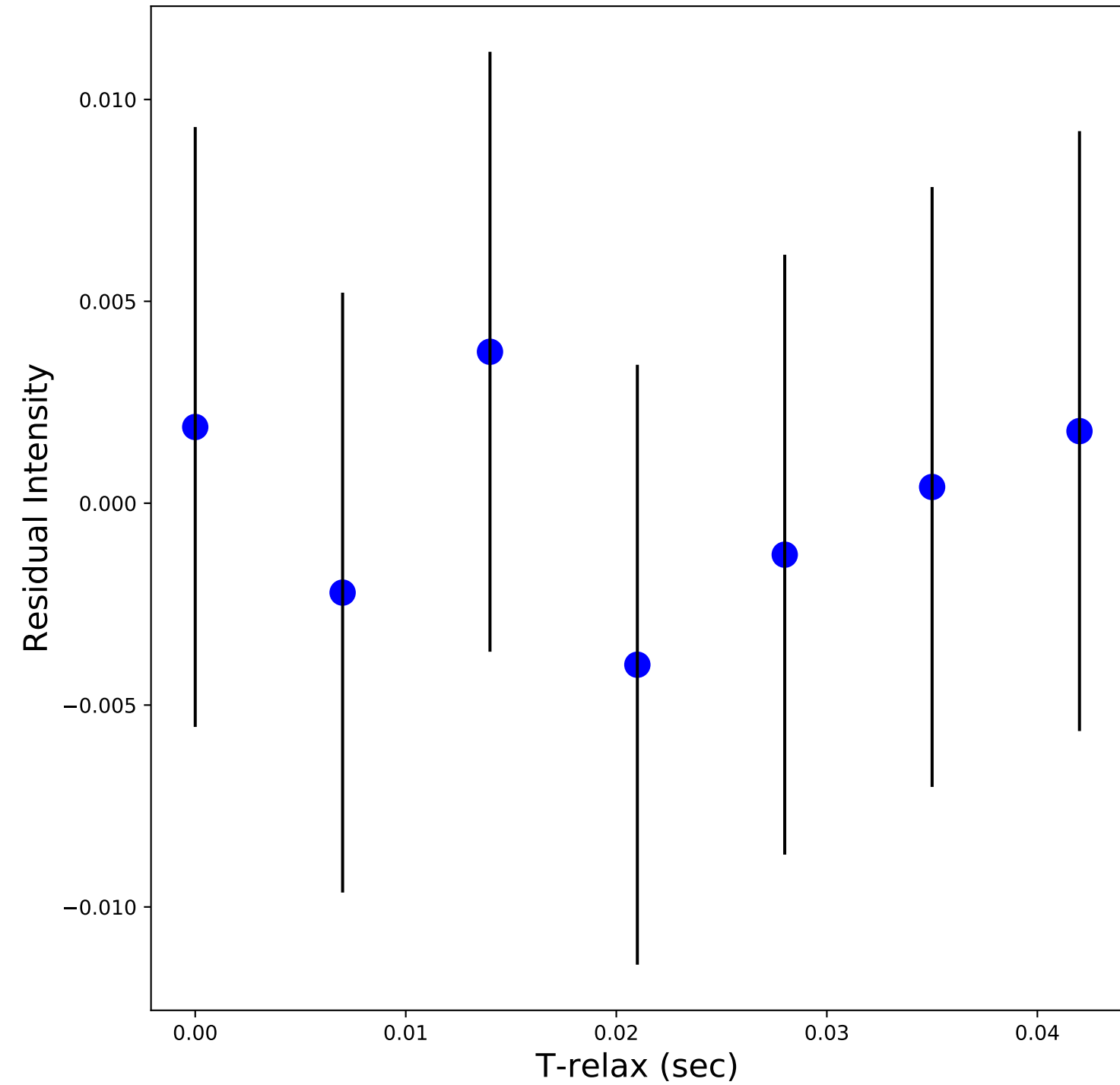
$R_{1\rho}\,9.74 \pm 0.51\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}-450\,Hz\,|\,\overline{\chi}^2 = 0.34$
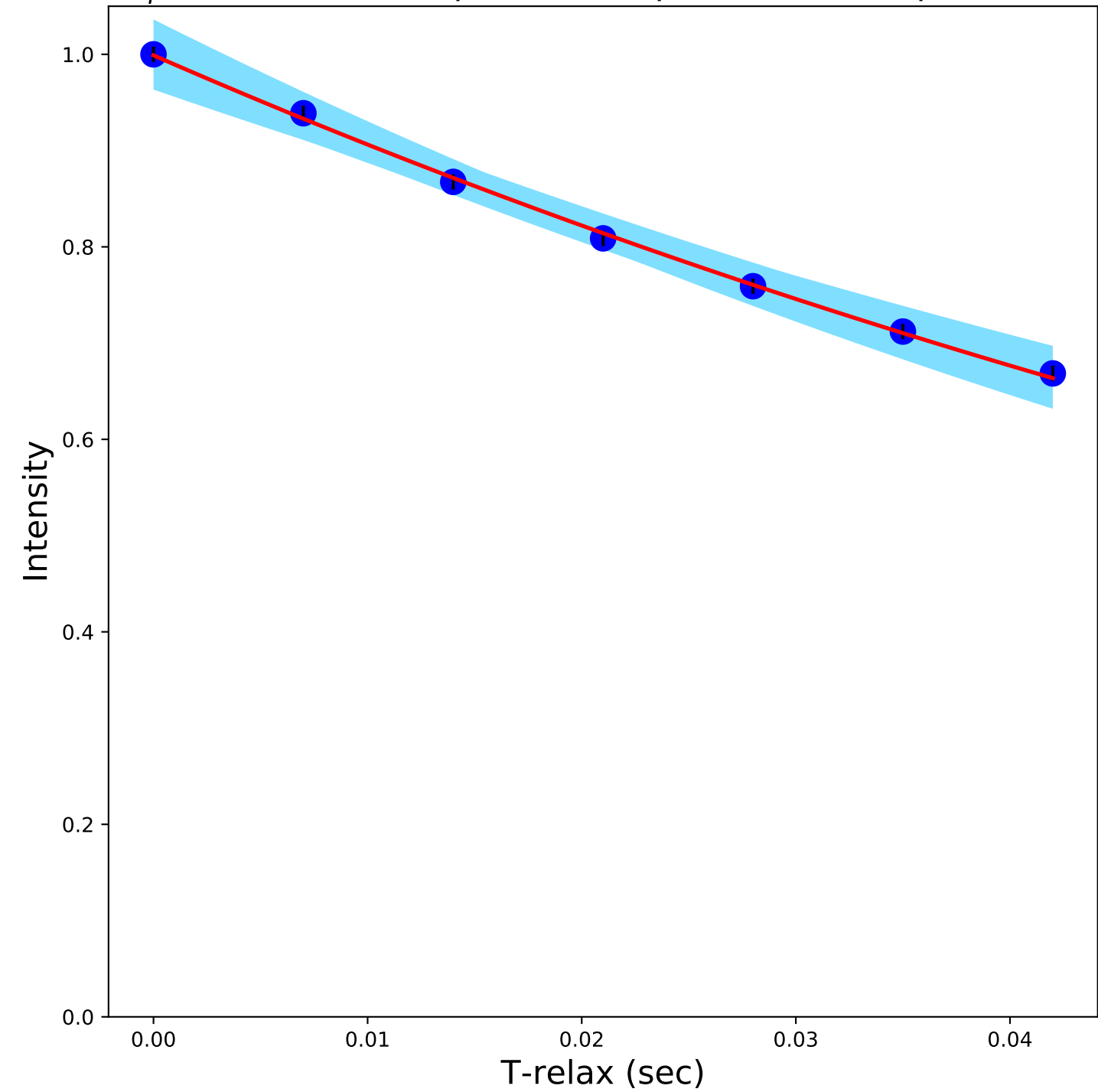
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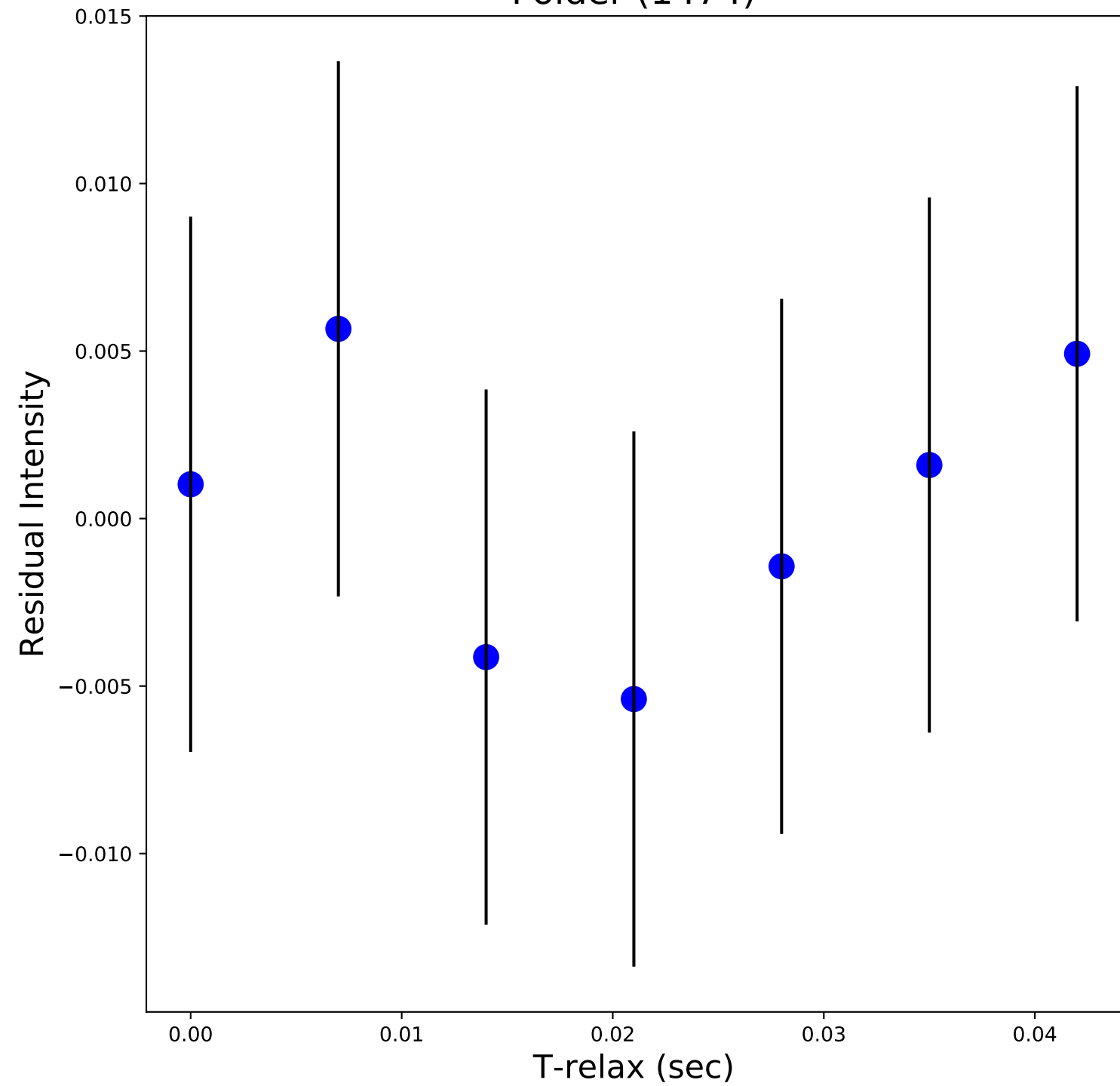
$R_{1\rho}\, 9.28 \pm 0.48\, s^{-1} \,|\, \omega_1\, 200\, Hz \,|\, \Omega_{eff} - 500\, Hz \,|\, \overline{\chi}^2 = 1.17$
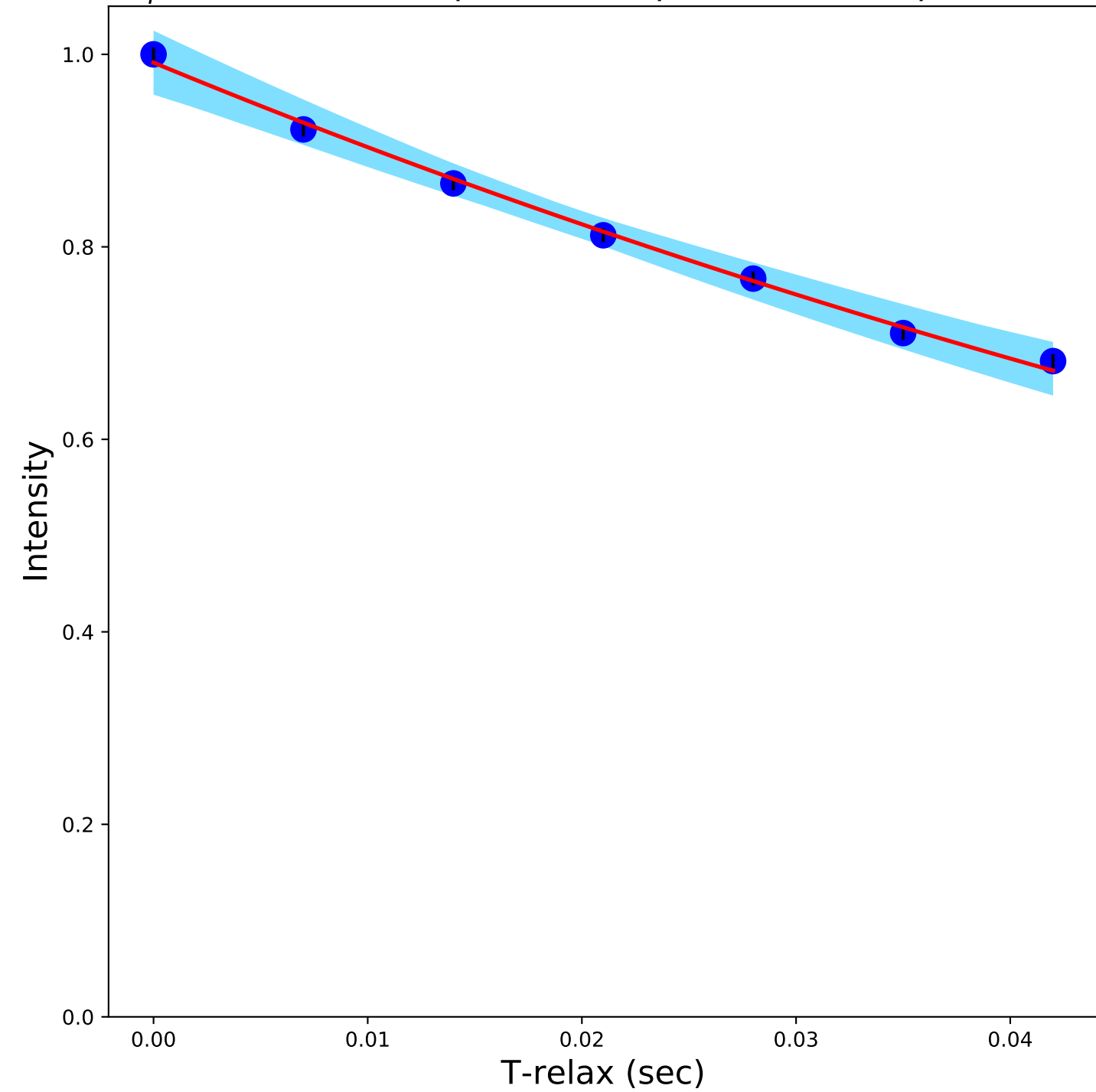
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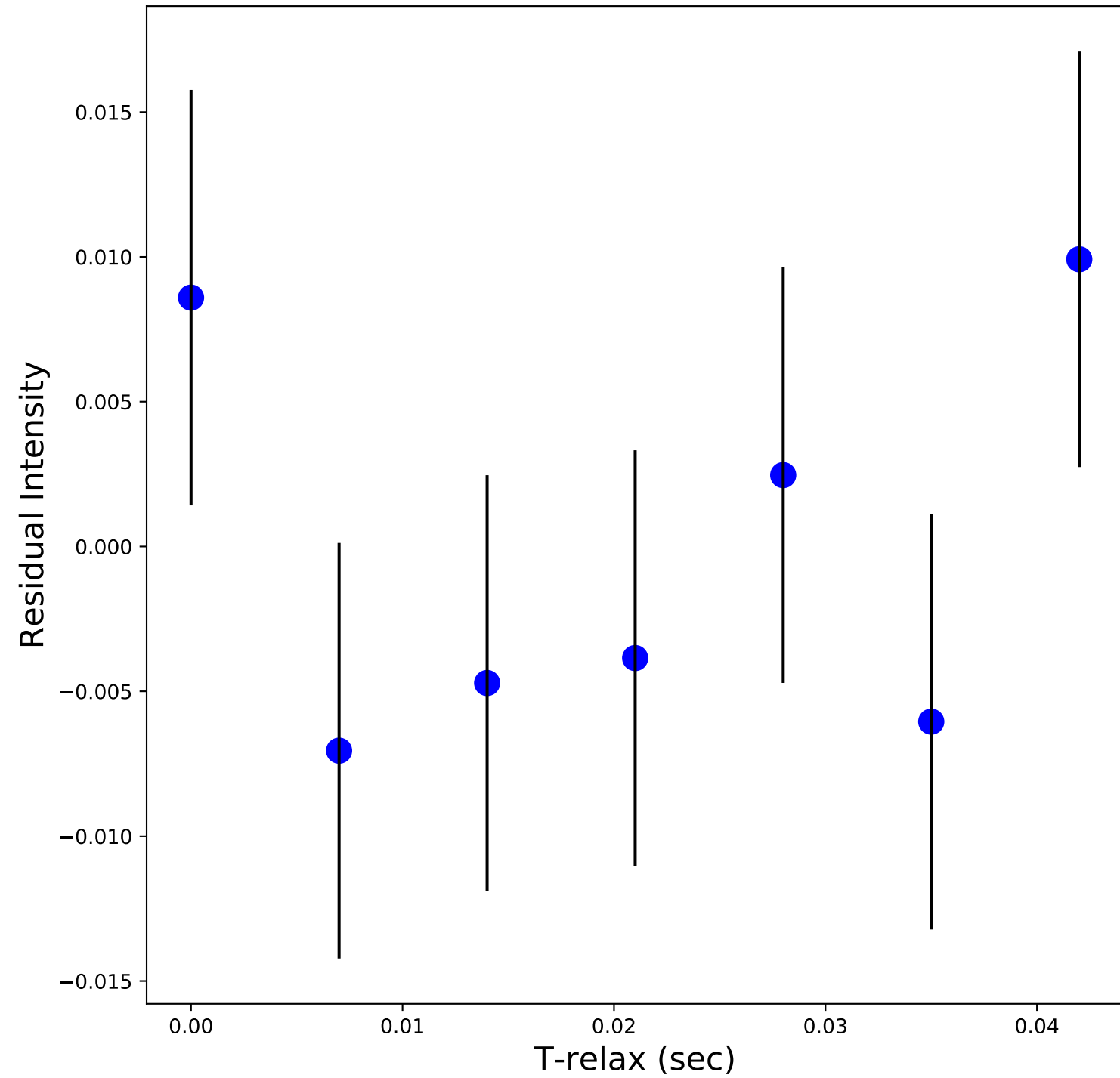
$R_{1\rho}\ 9.22 \pm 0.54\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff} - 520\ Hz\ |\ \overline{\chi}^2 = 0.19$
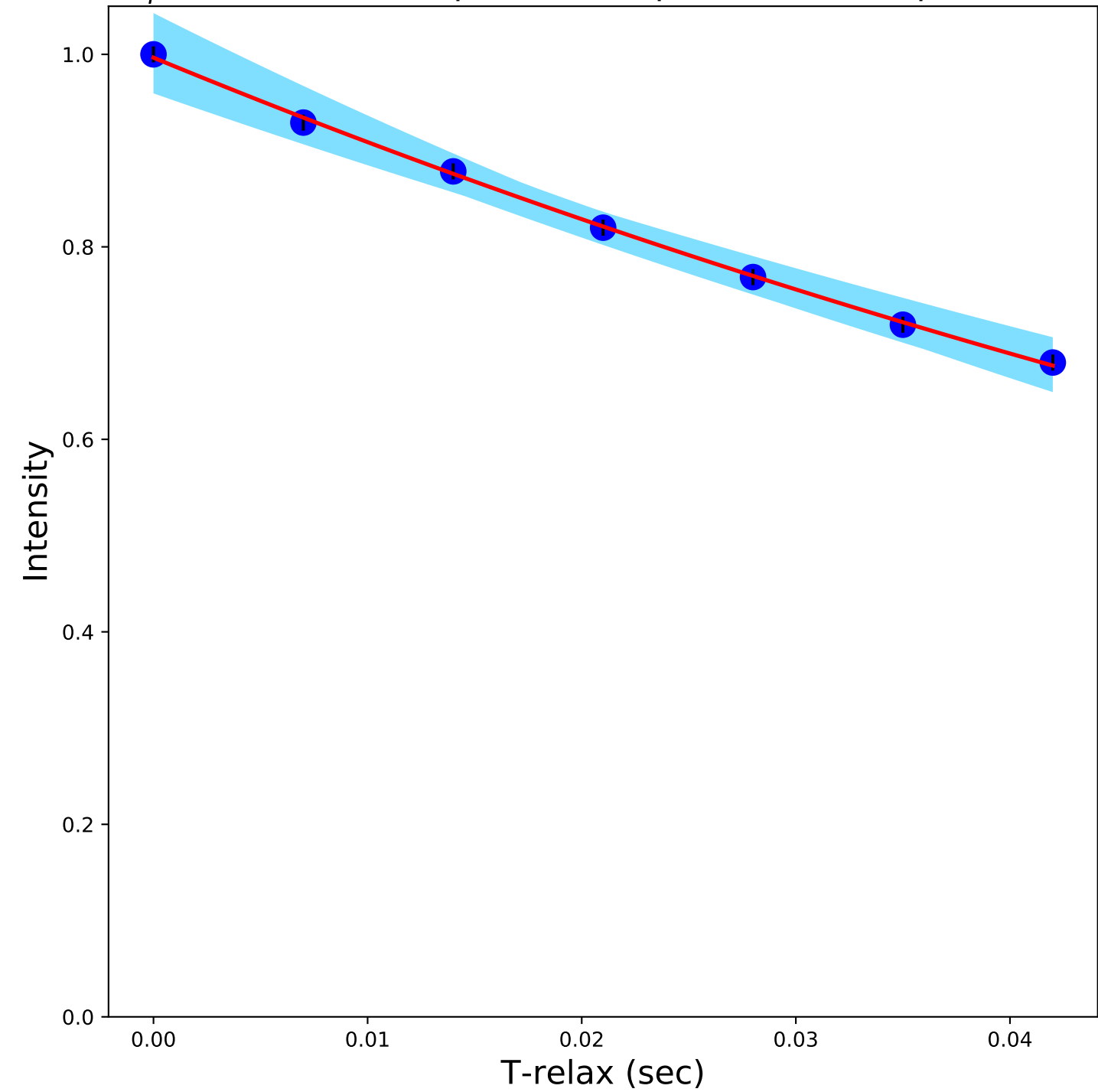
Folder (1476)
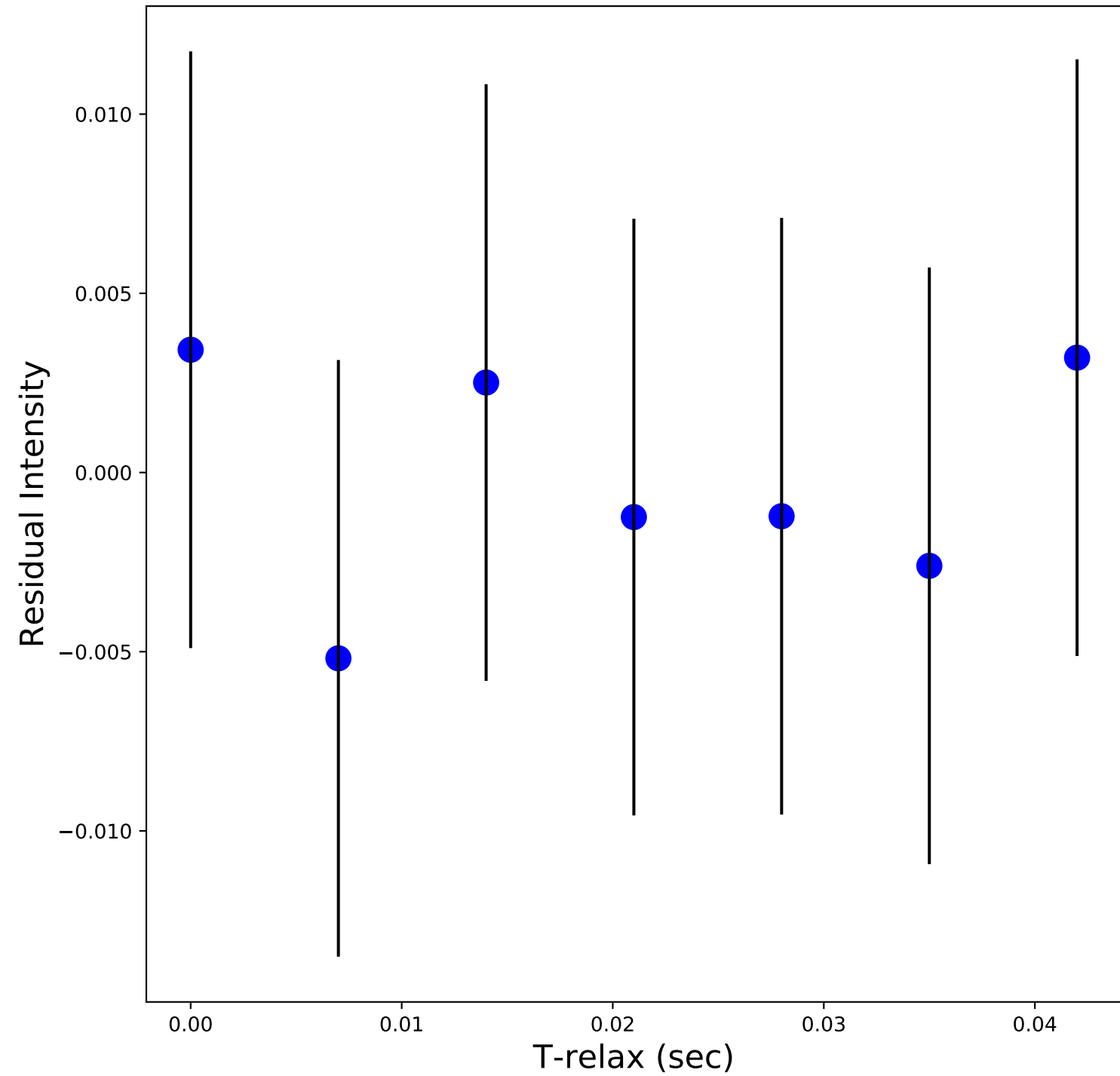
$R_{1\rho}\,8.56 \pm 0.5\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}-540\,Hz\,|\,\overline{\chi}^2 = 0.23$
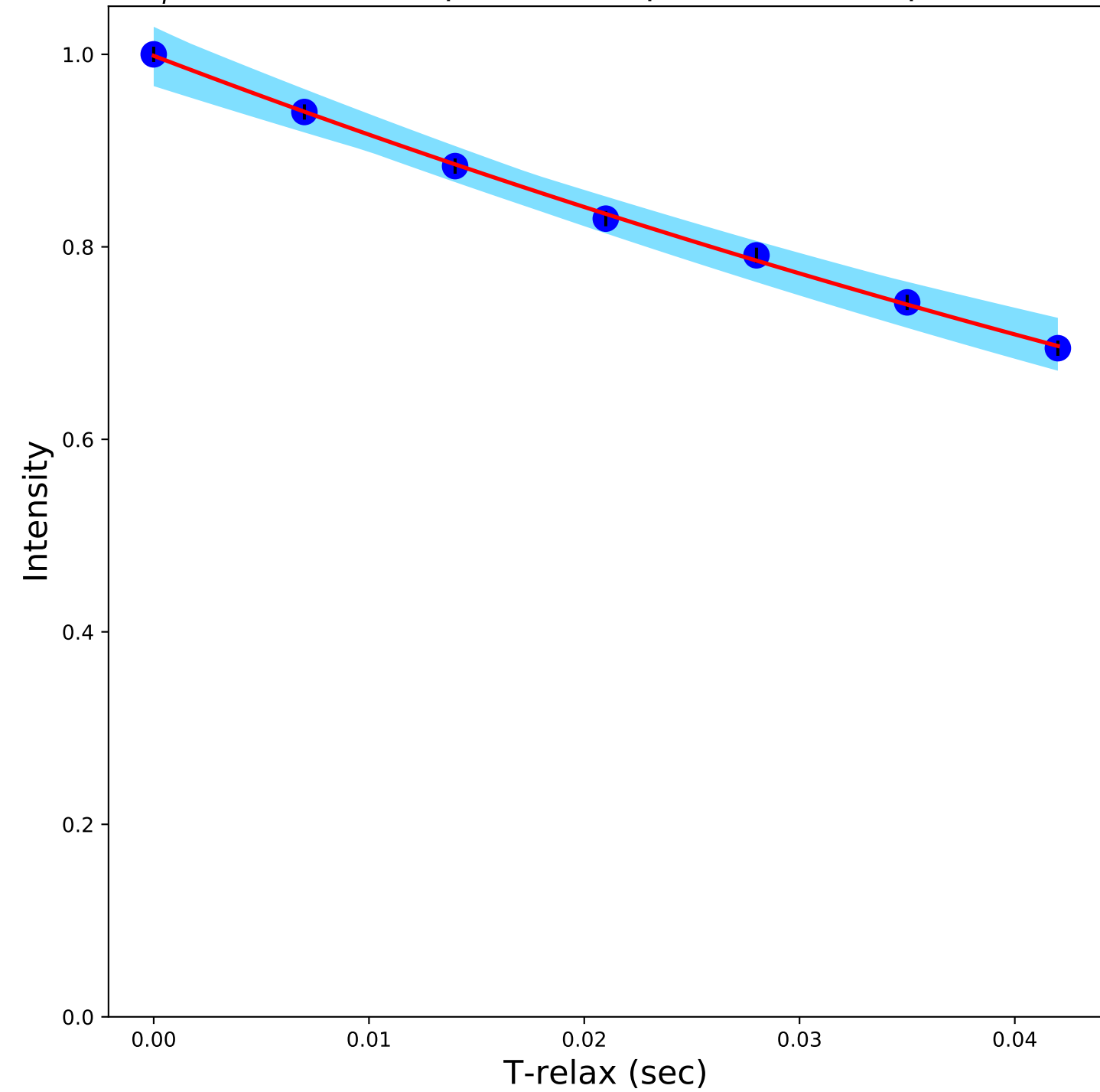
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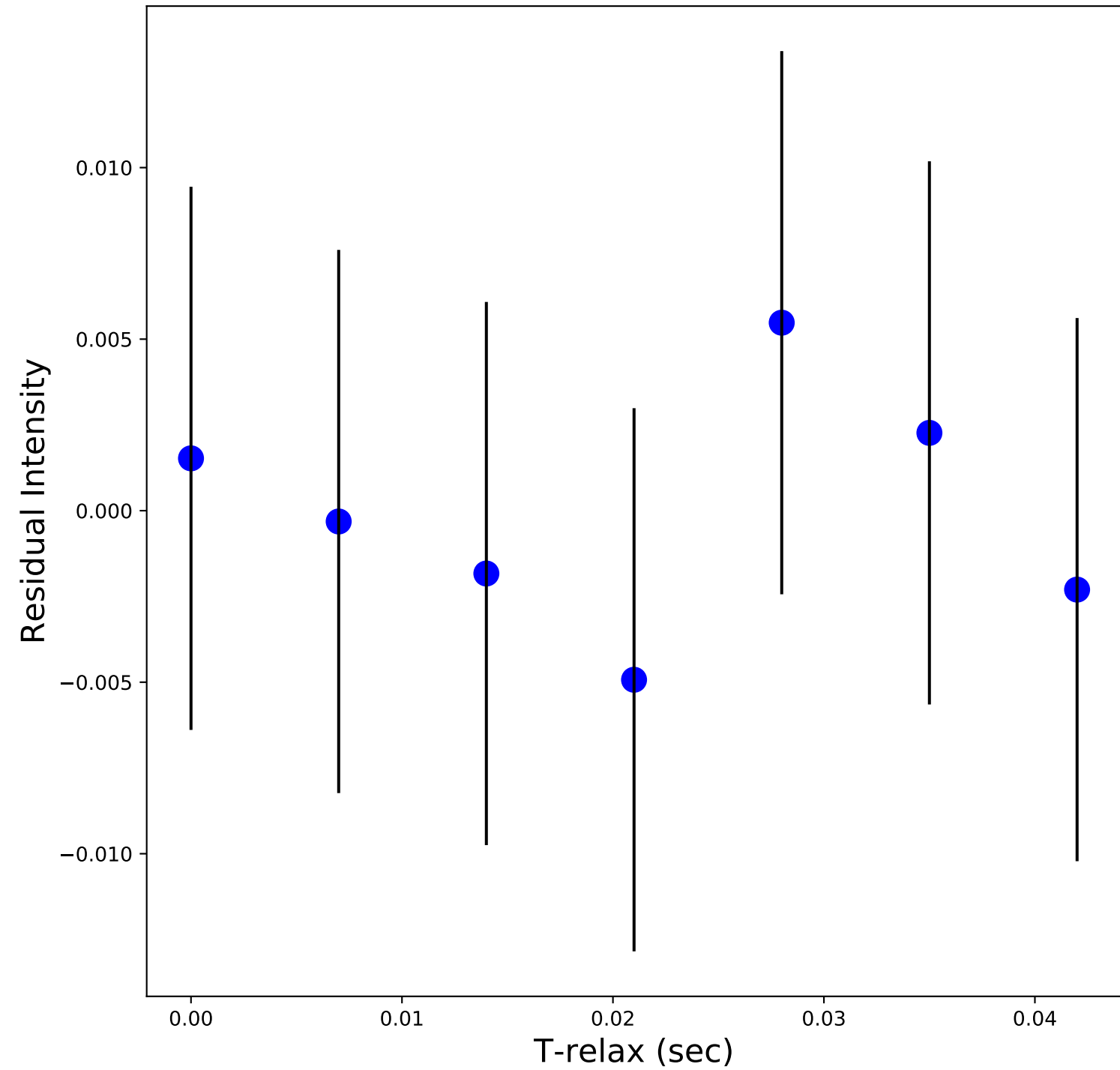
$R_{1\rho}\,8.46 \pm 0.52\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff} - 560\,Hz\,|\,\overline{\chi}^2 = 0.31$
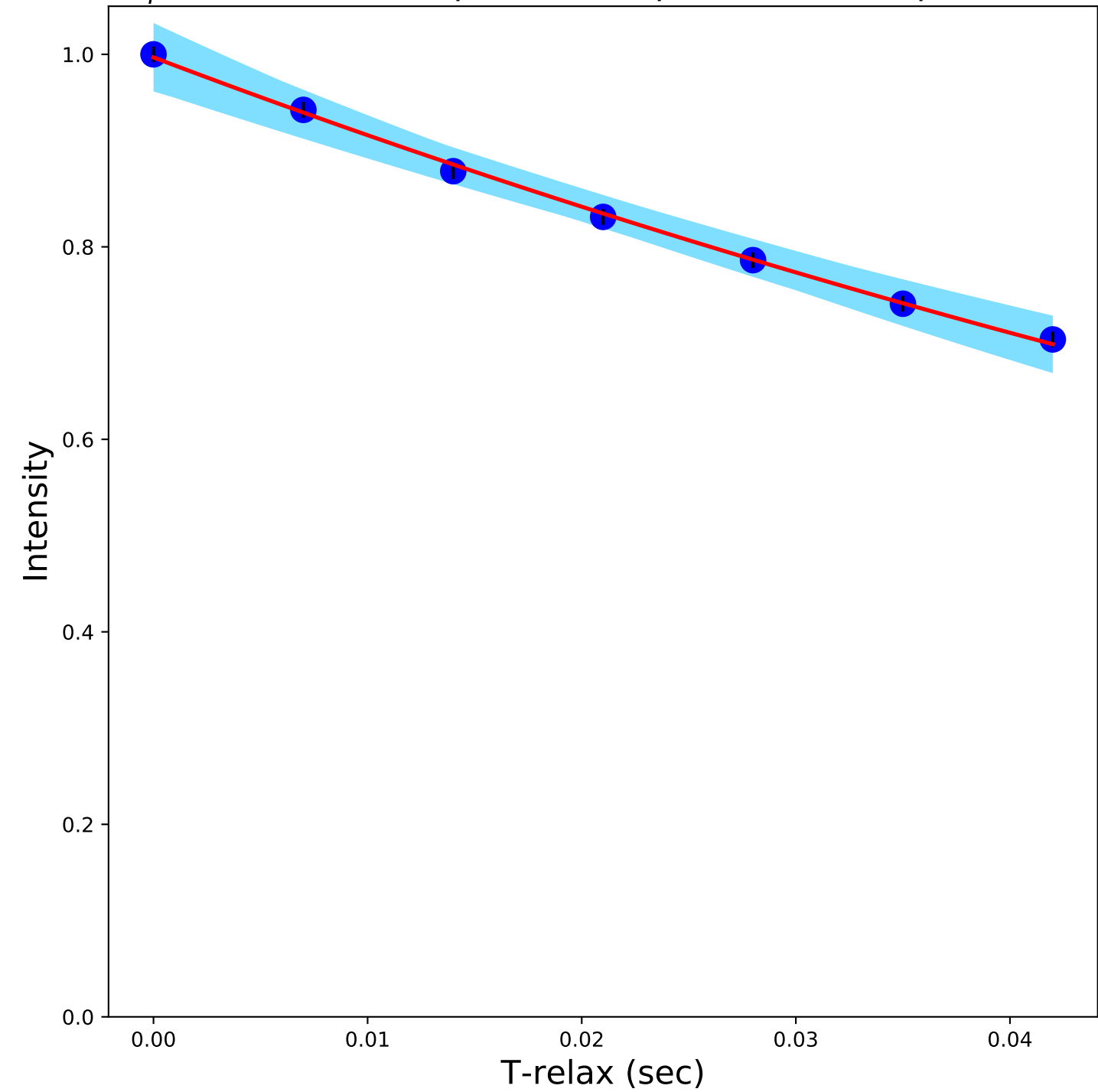
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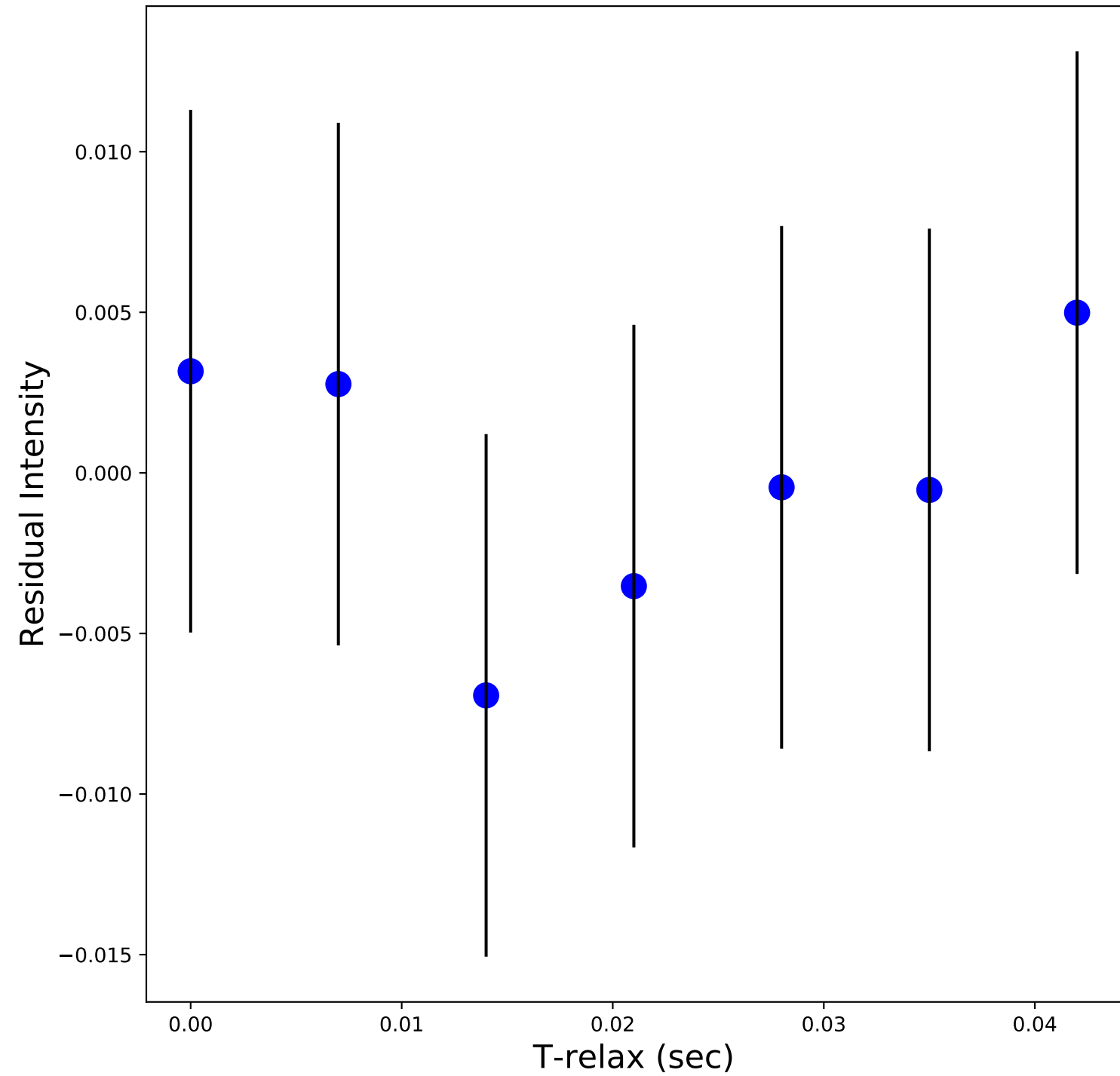
$R_{1\rho}\, 8.02 \pm 0.39\, s^{-1}\,|\,\omega_1\, 200\, Hz\,|\,\Omega_{eff}\, -580\, Hz\,|\,\overline{\chi}^2 = 0.42$
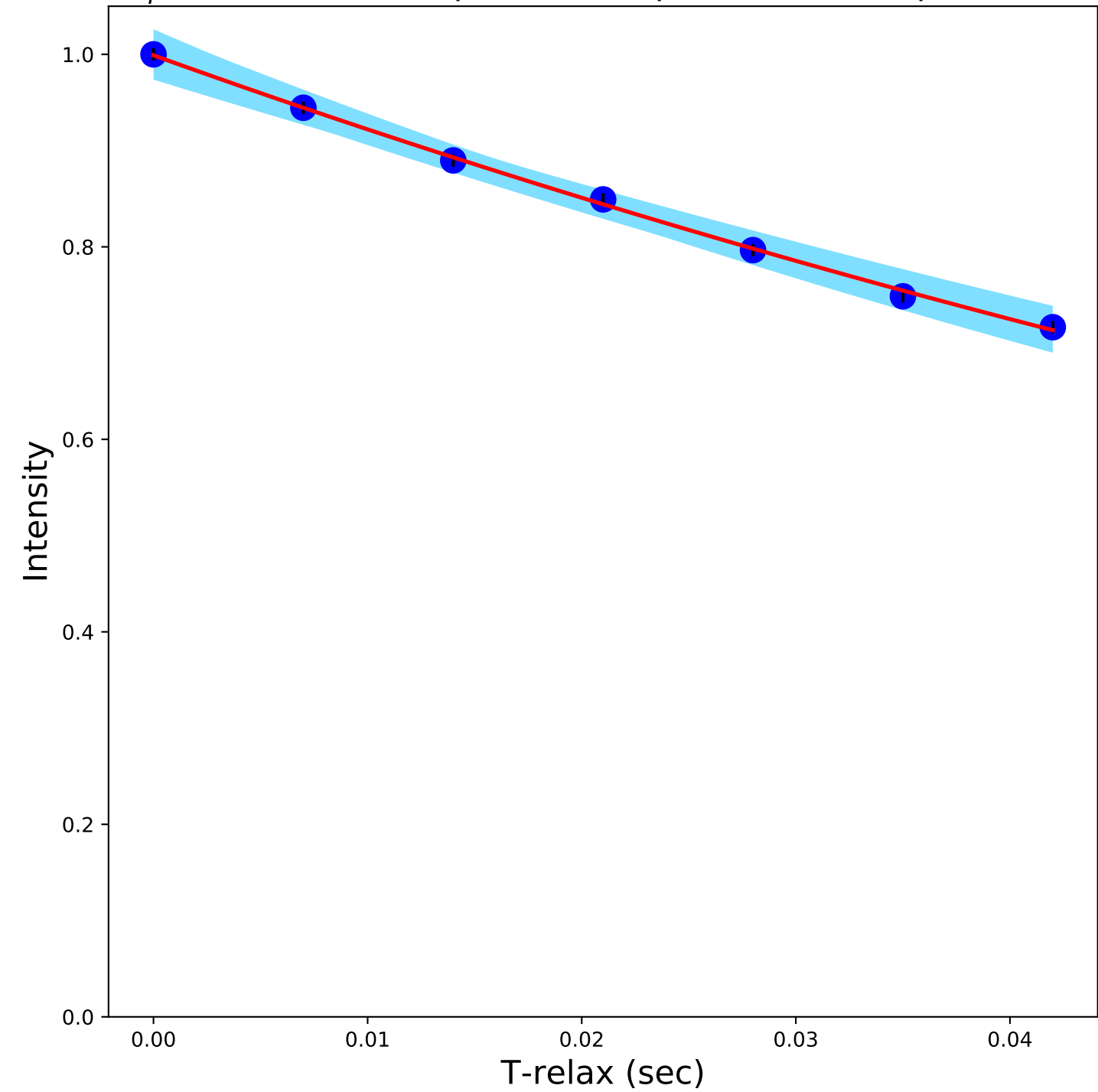
Folder (1479)
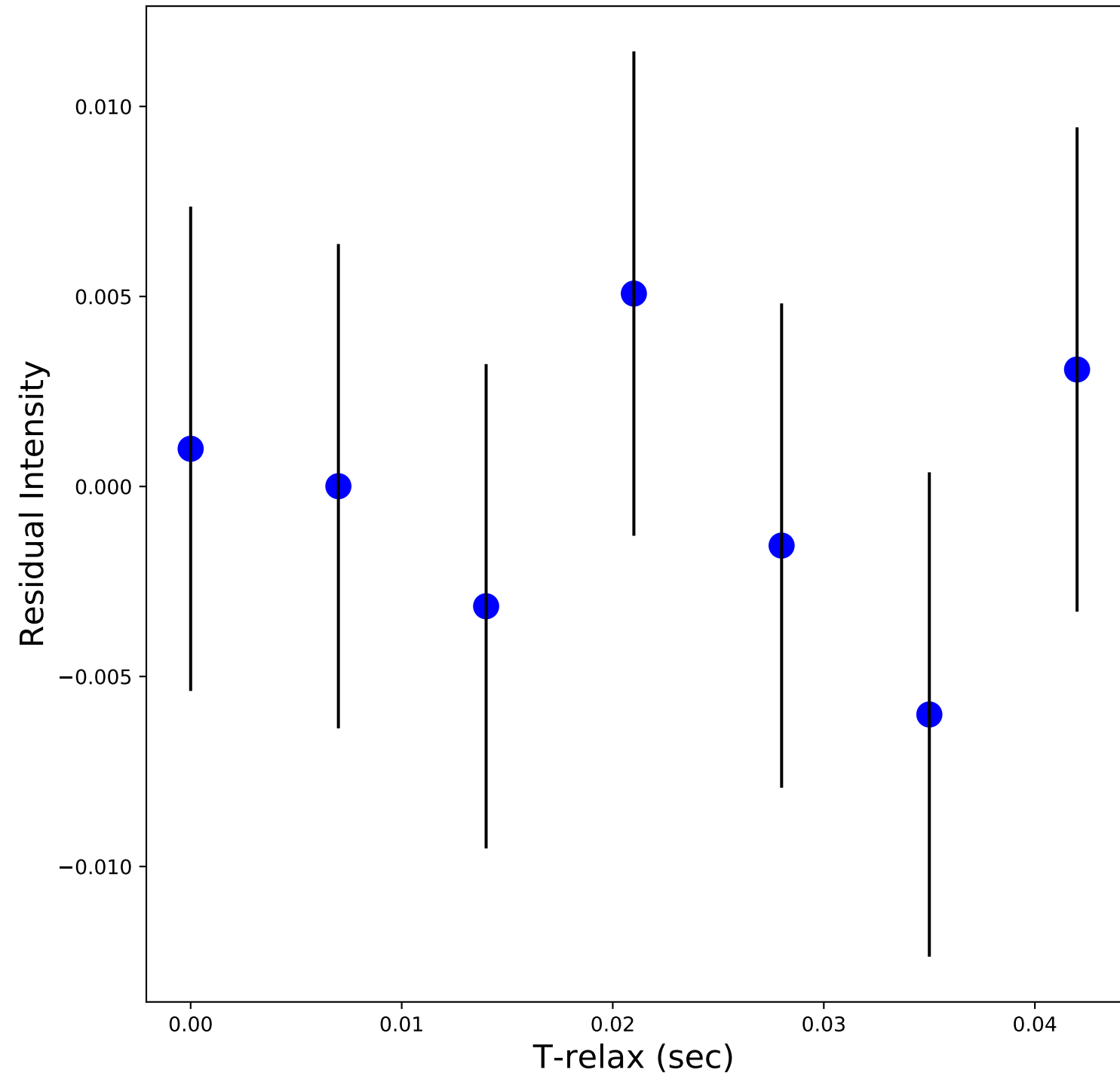
$R_{1\rho}\, 7.49 \pm 0.44\, s^{-1}\, |\, \omega_1\, 200\, Hz\, |\, \Omega_{eff} - 600\, Hz\, |\, \overline{\chi}^2 = 1.19$
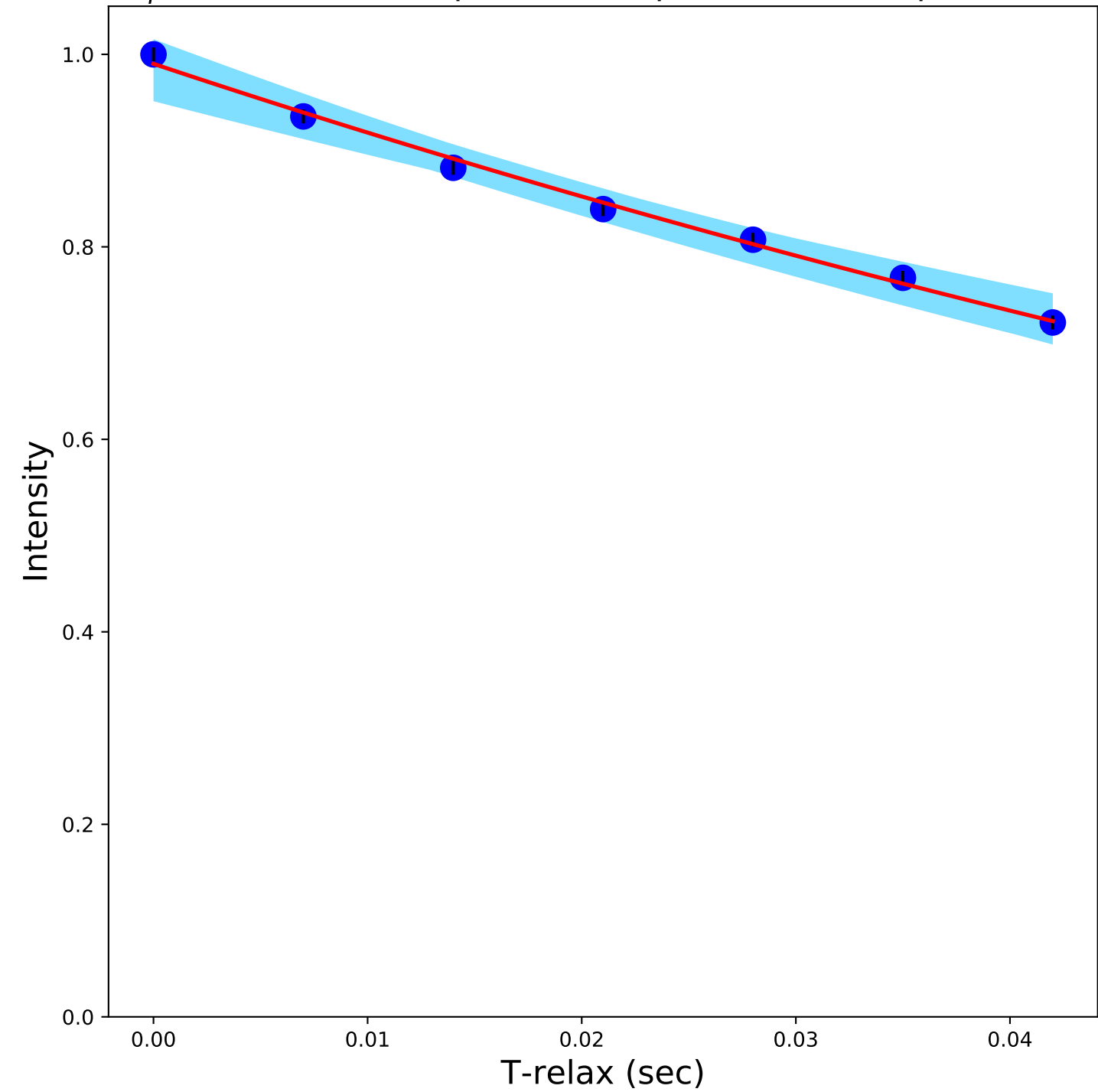
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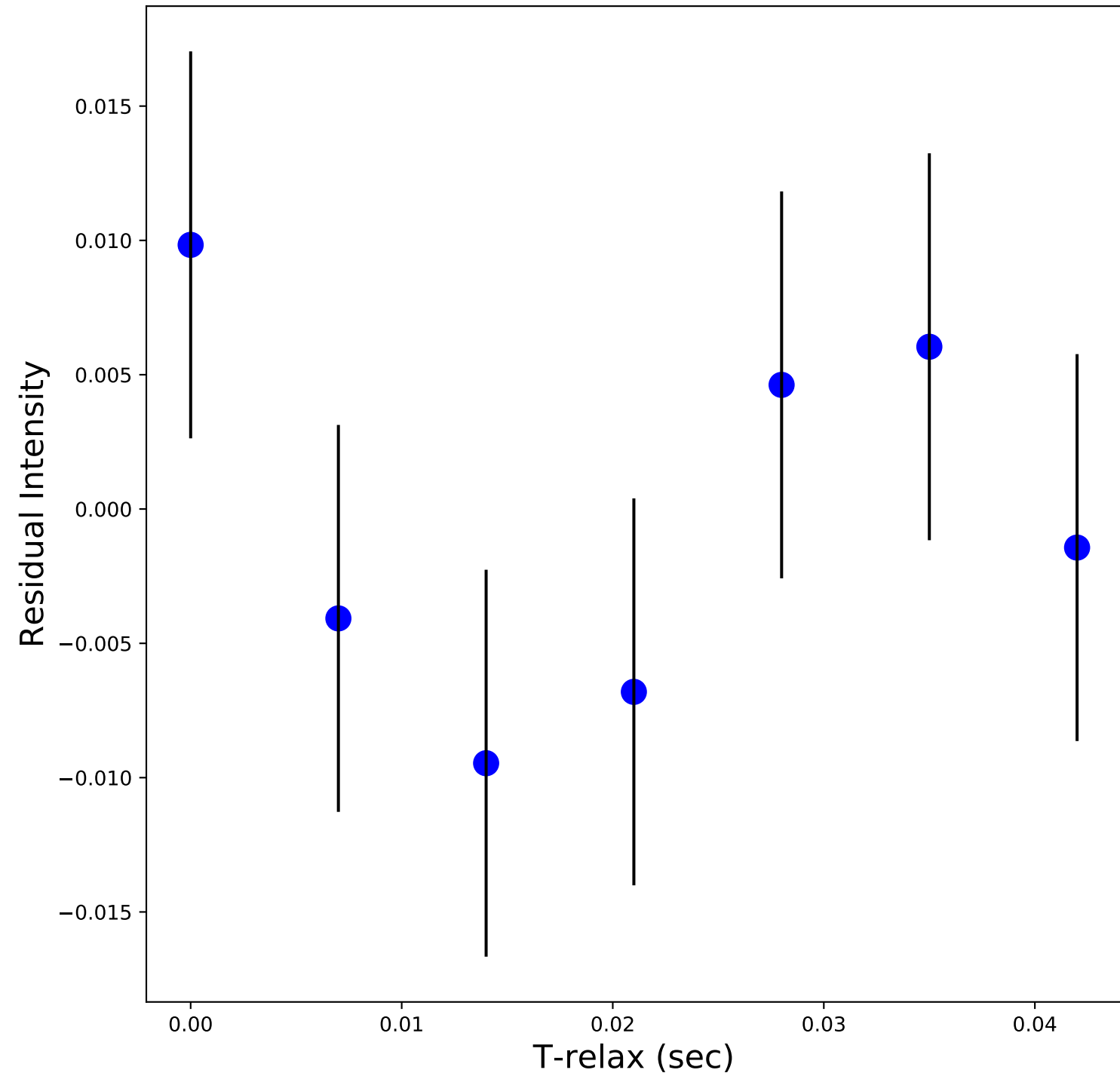
$R_{1\rho}\ 7.16 \pm 0.52\,s^{-1}\,|\,\omega_1\ 200\,Hz\,|\,\Omega_{eff}\ -620\,Hz\,|\,\overline{\chi}^2 = 0.17$
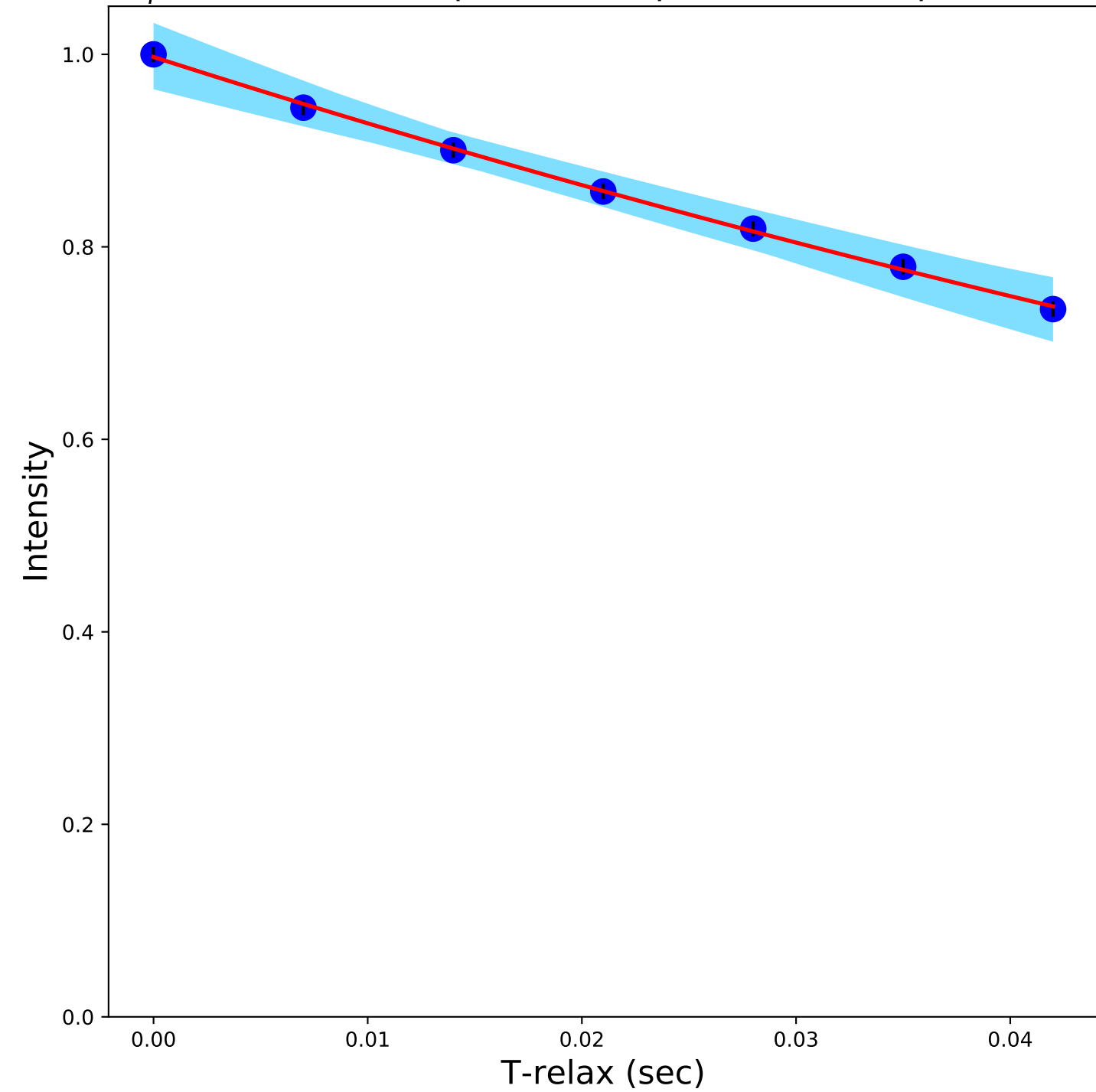
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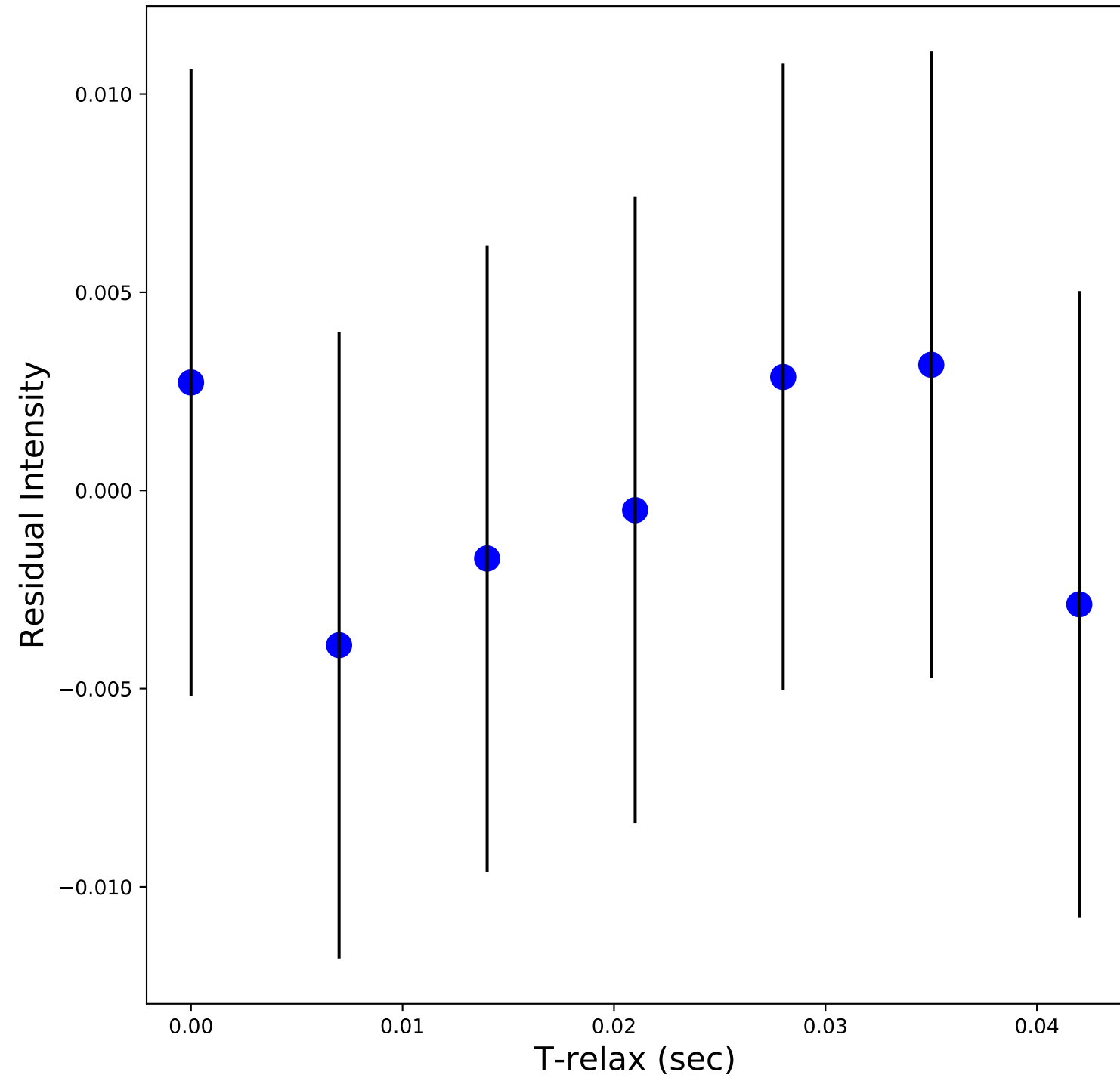
$R_{1\rho}\, 6.64 \pm 0.42\, s^{-1}\,|\,\omega_1\, 200\, Hz\,|\,\Omega_{eff} - 640\, Hz\,|\,\overline{\chi}^2 = 0.9$
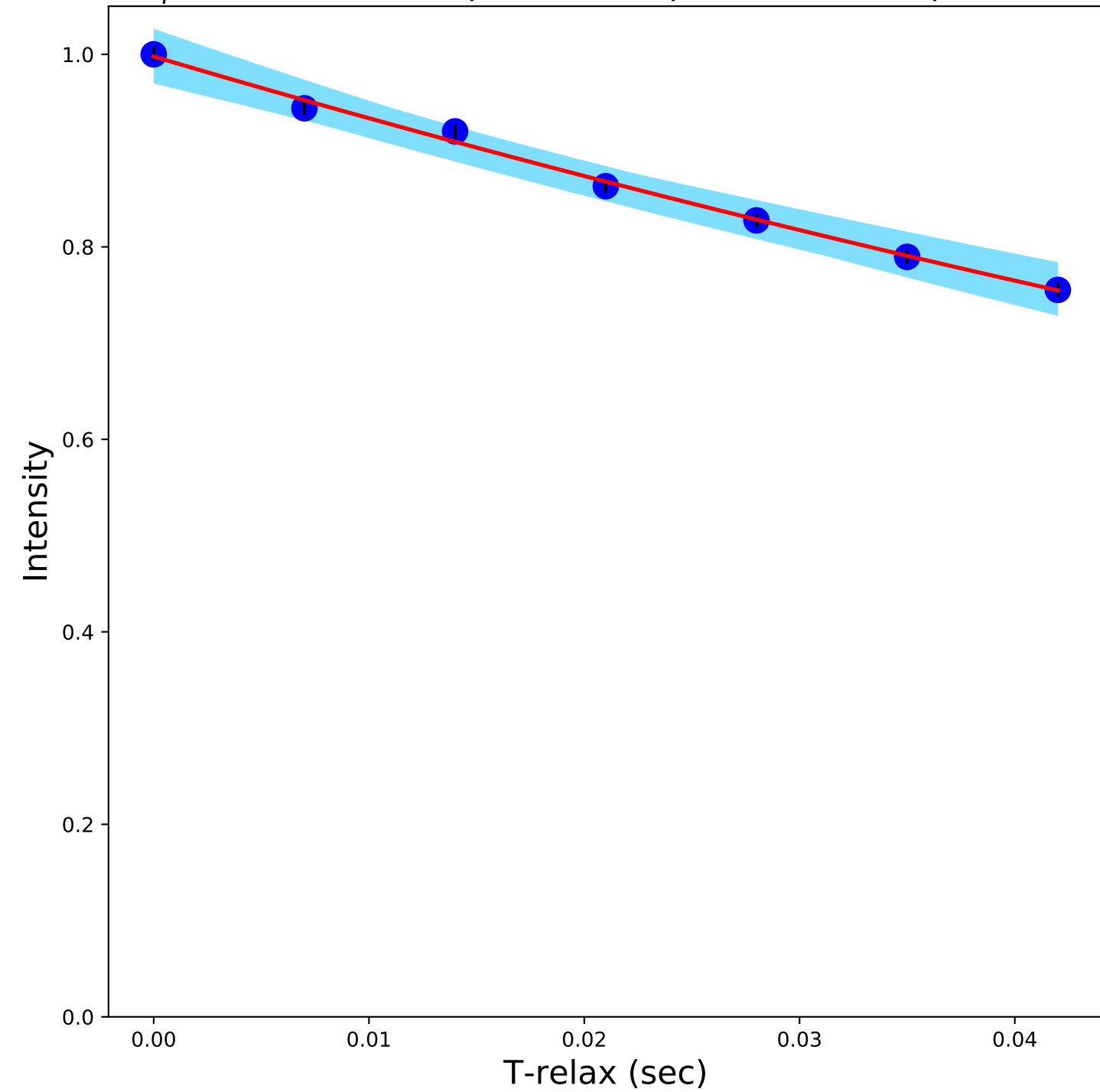
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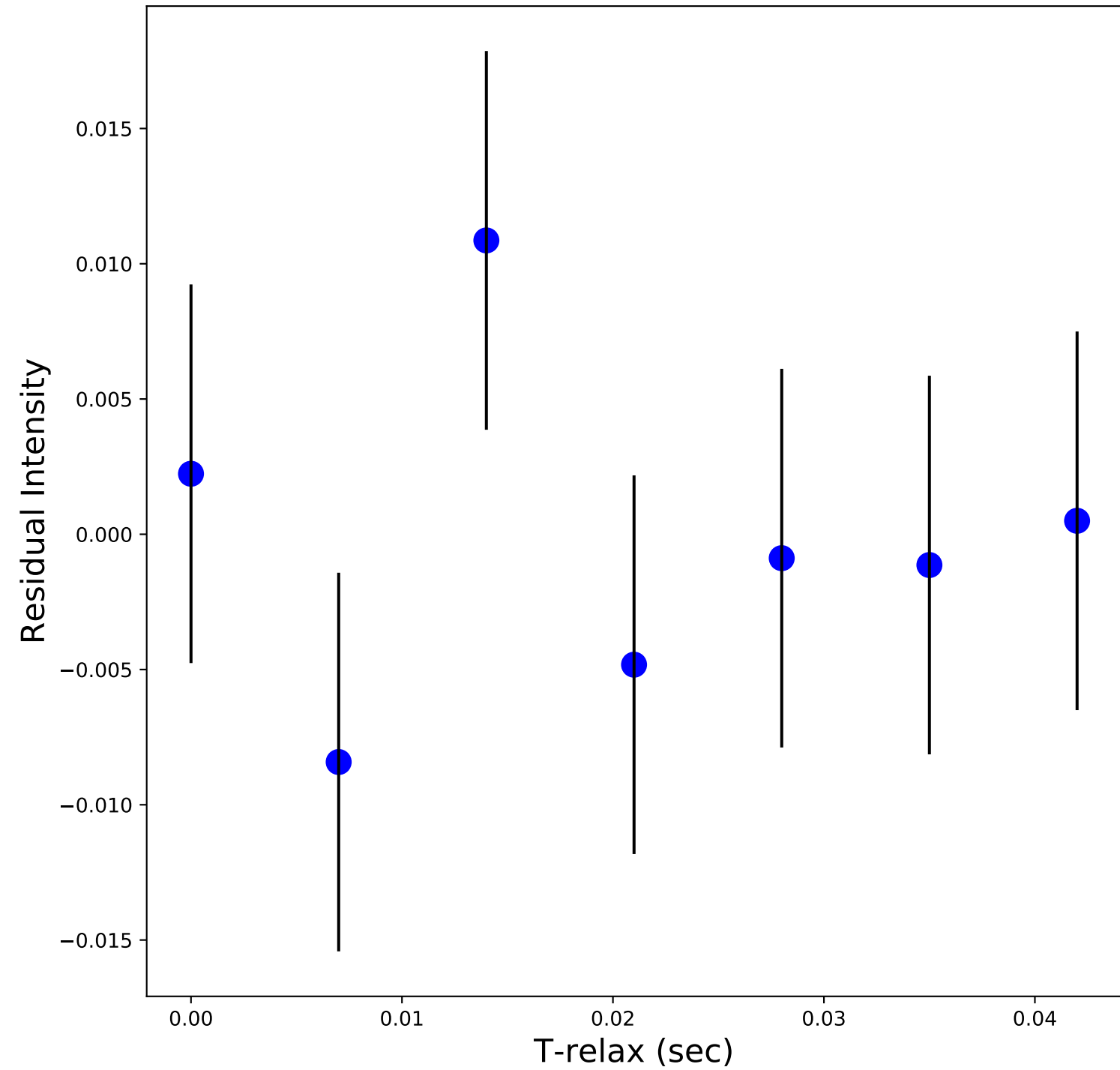
$R_{1\rho}\,6.47 \pm 0.4\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff} - 660\,Hz\,|\,\overline{\chi}^2 = 0.36$
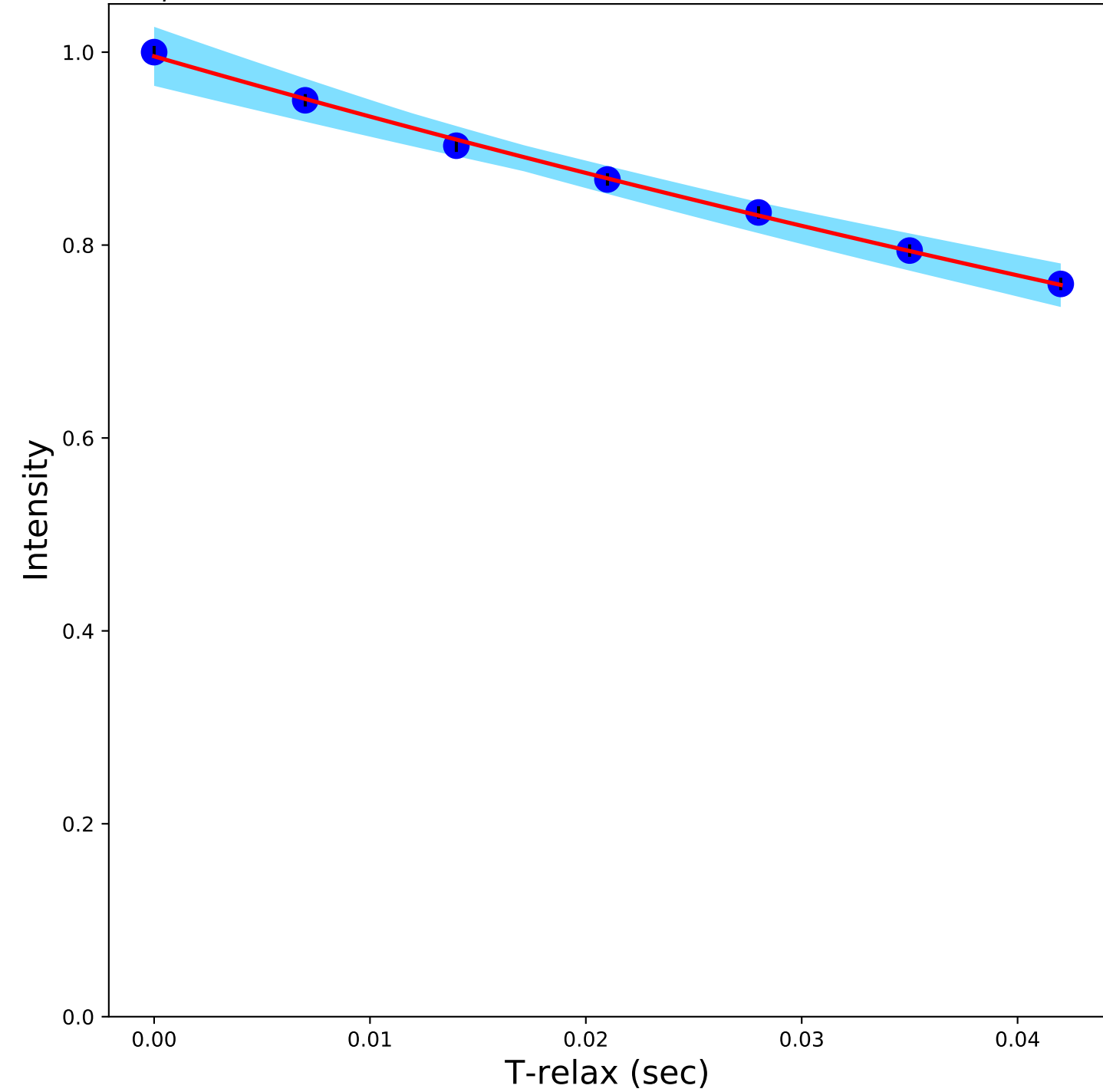
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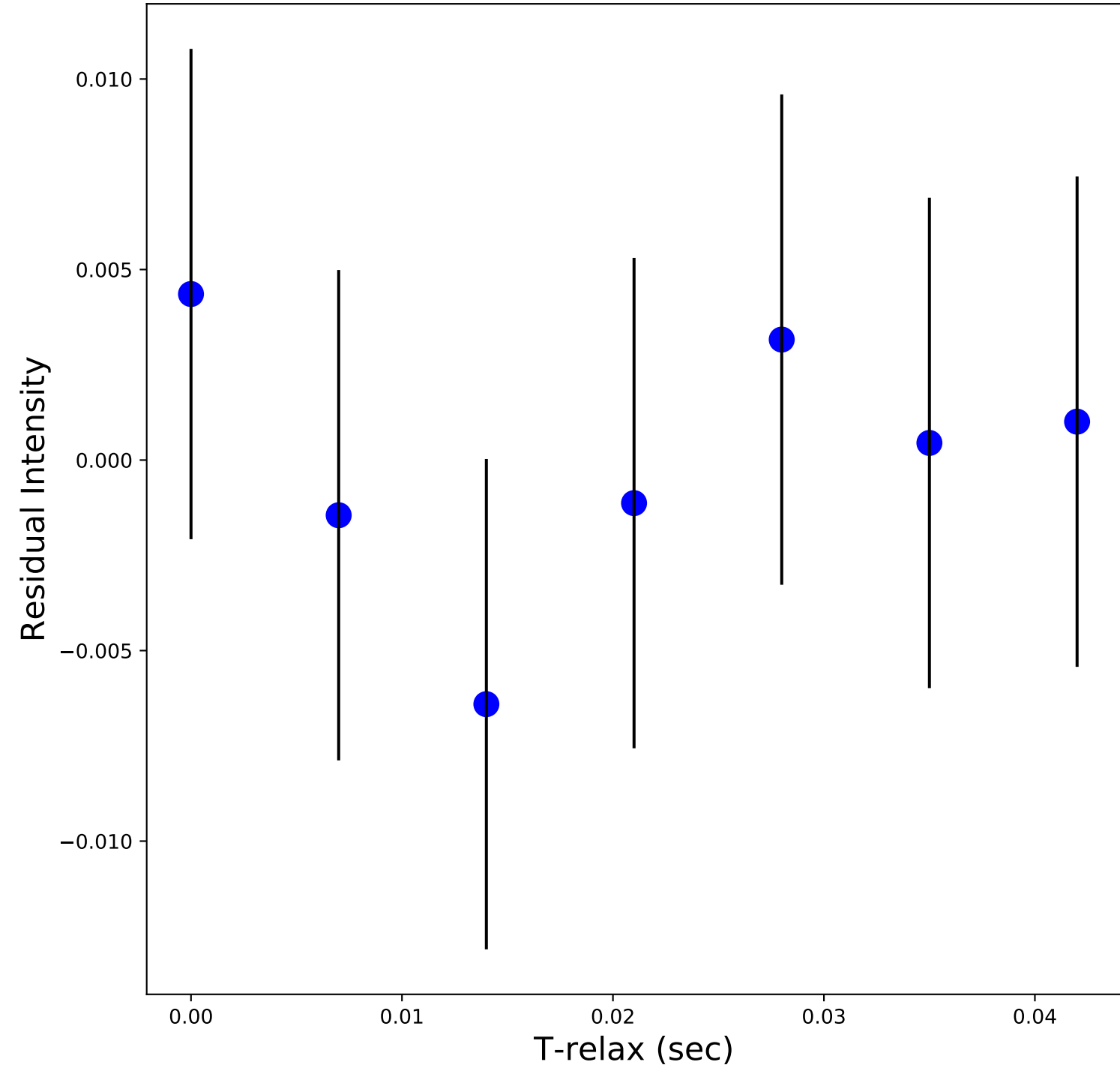
$R_{1\rho}\, 6.31 \pm 0.43\, s^{-1}\,|\,\omega_1\, 200\, Hz\,|\,\Omega_{eff} - 680\, Hz\,|\,\overline{\chi}^2 = 0.57$
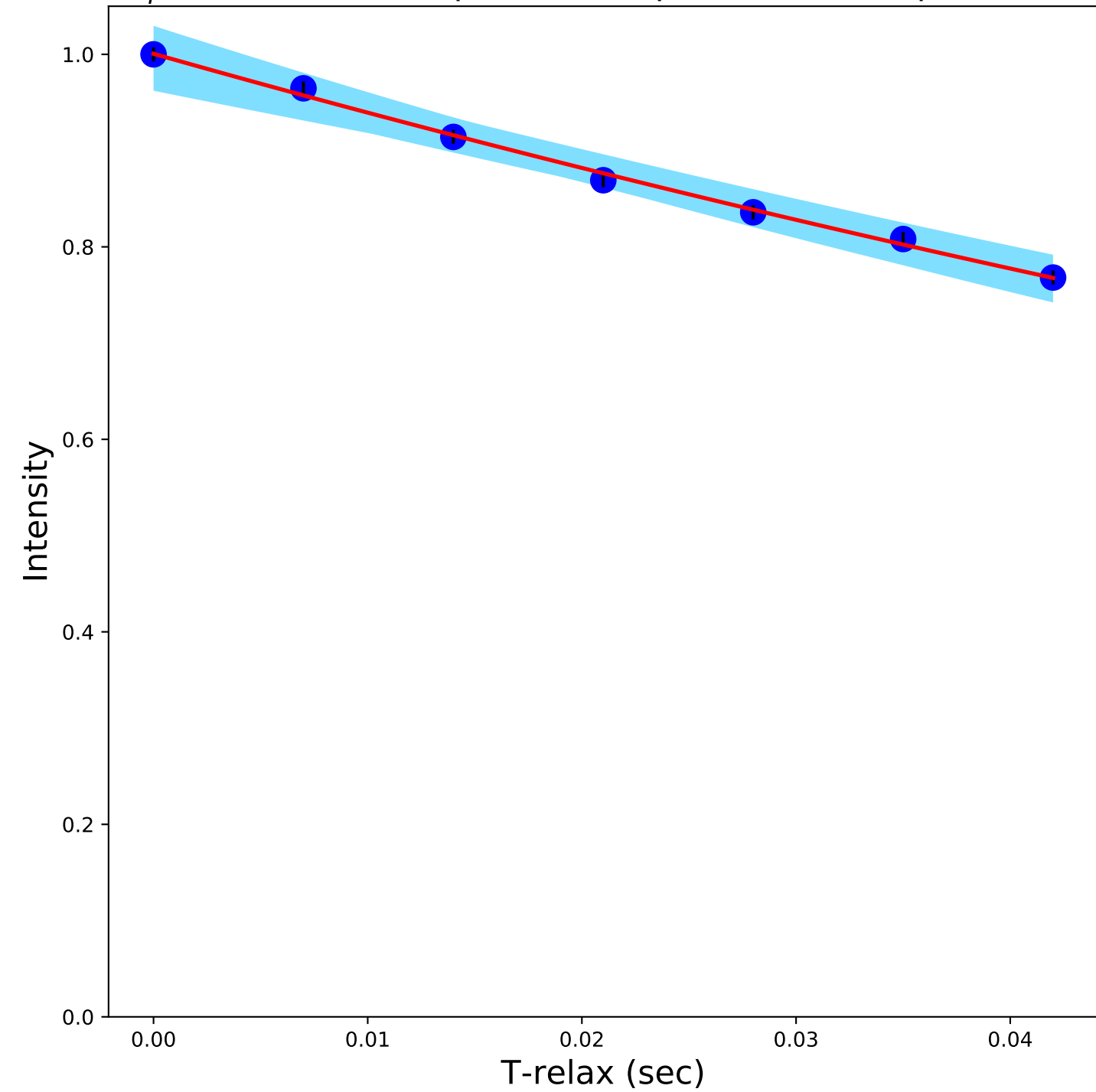
Folder (1484)
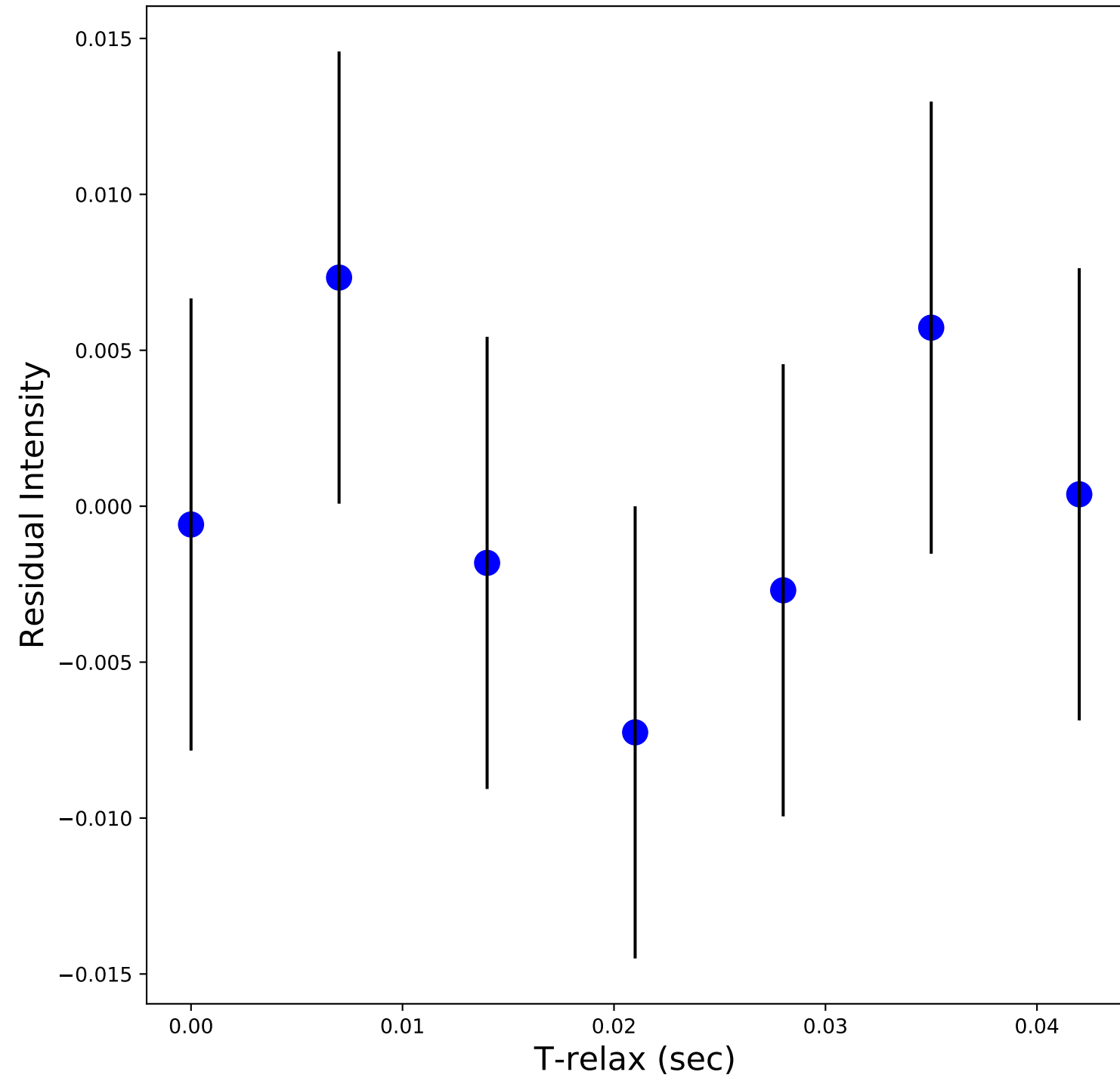
$R_{1\rho} 6.08 \pm 0.37 \, s^{-1} \, | \, \omega_1 \, 200 \, Hz \, | \, \Omega_{eff} - 700 \, Hz \, | \, \overline{\chi}^2 = 0.96$
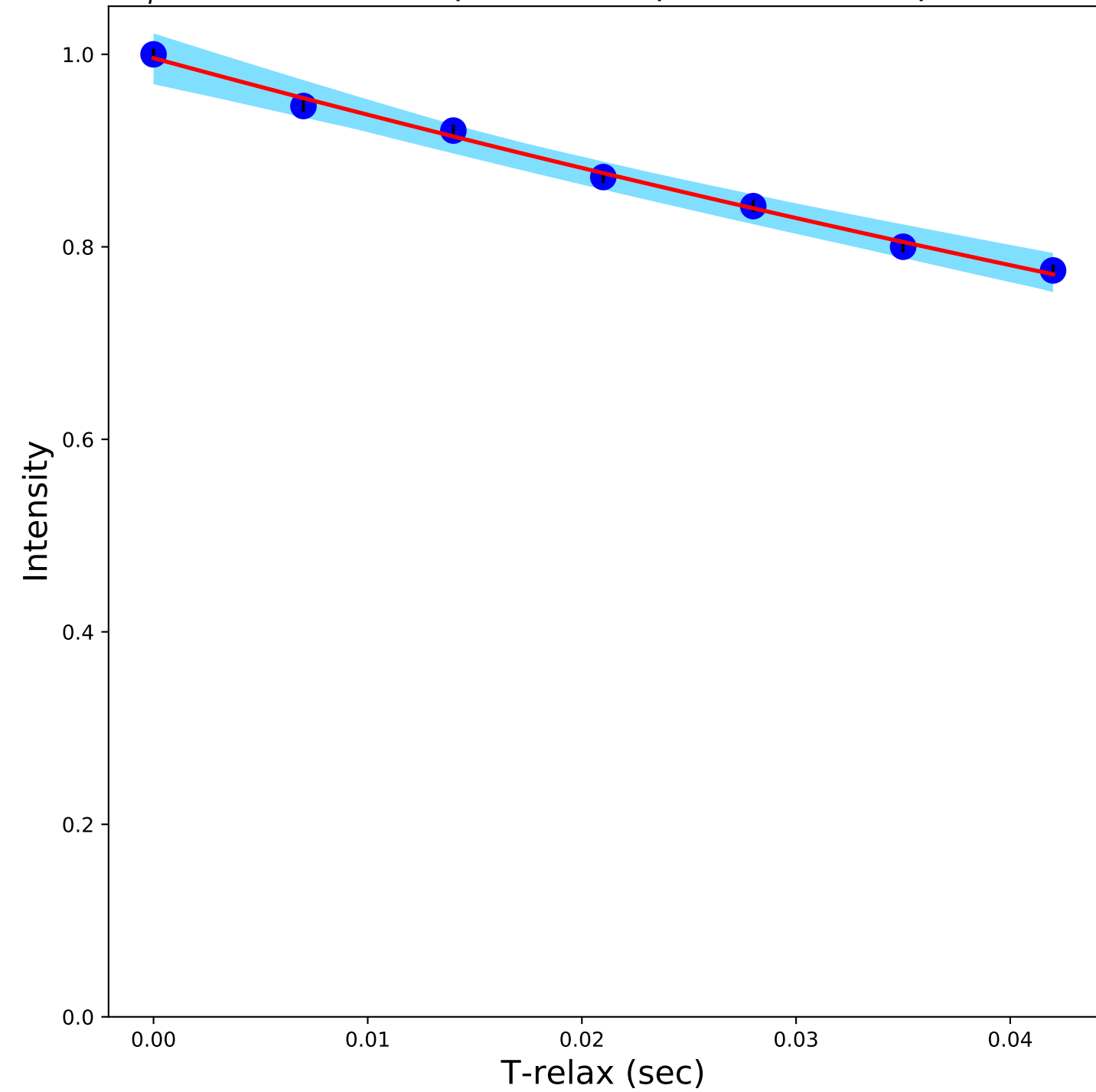
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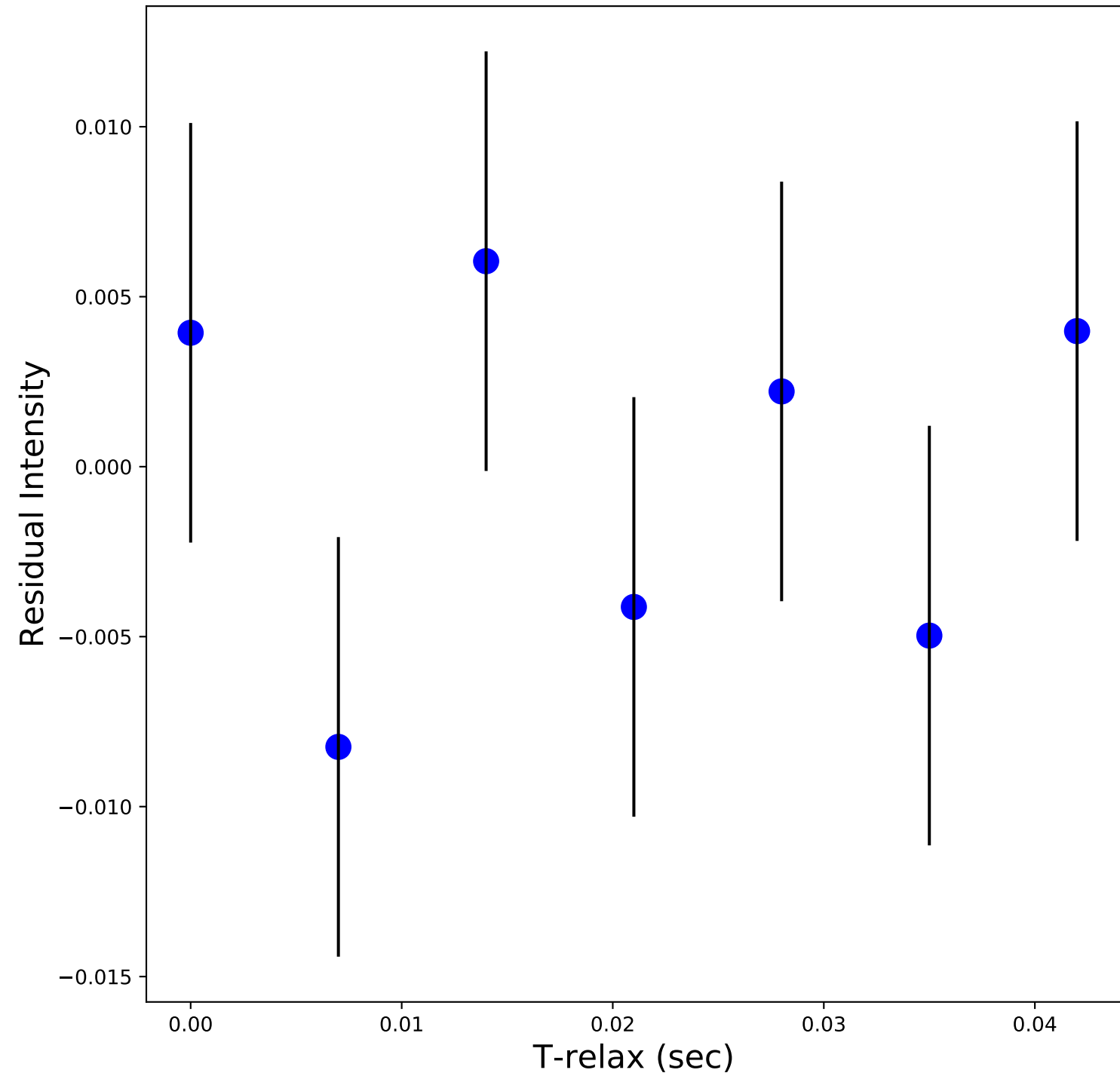
$R_{1\rho} \, 5.42 \pm 0.42 \, s^{-1} \, | \, \omega_1 \, 200 \, Hz \, | \, \Omega_{eff} - 750 \, Hz \, | \, \overline{\chi}^2 = 0.35$
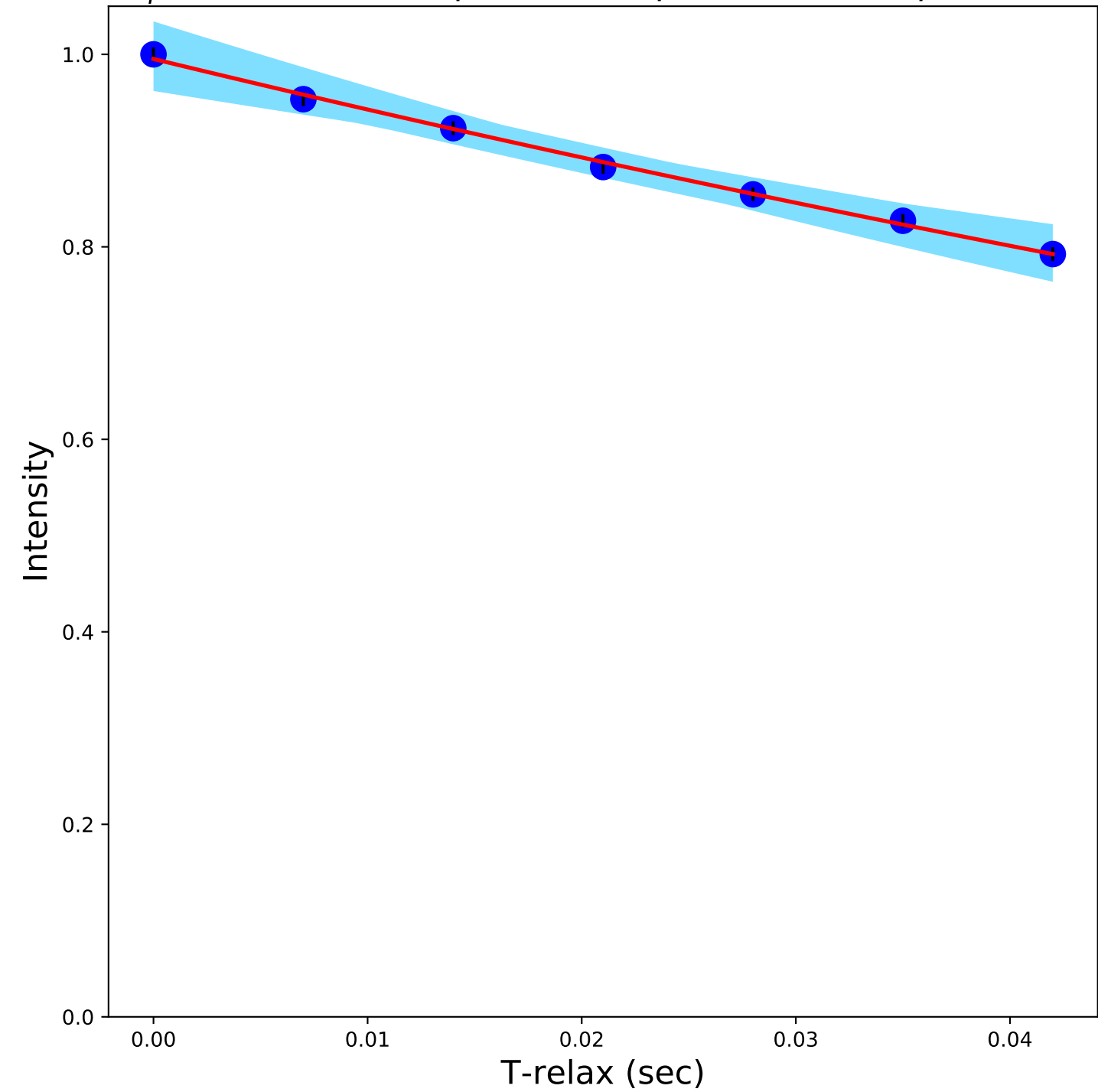
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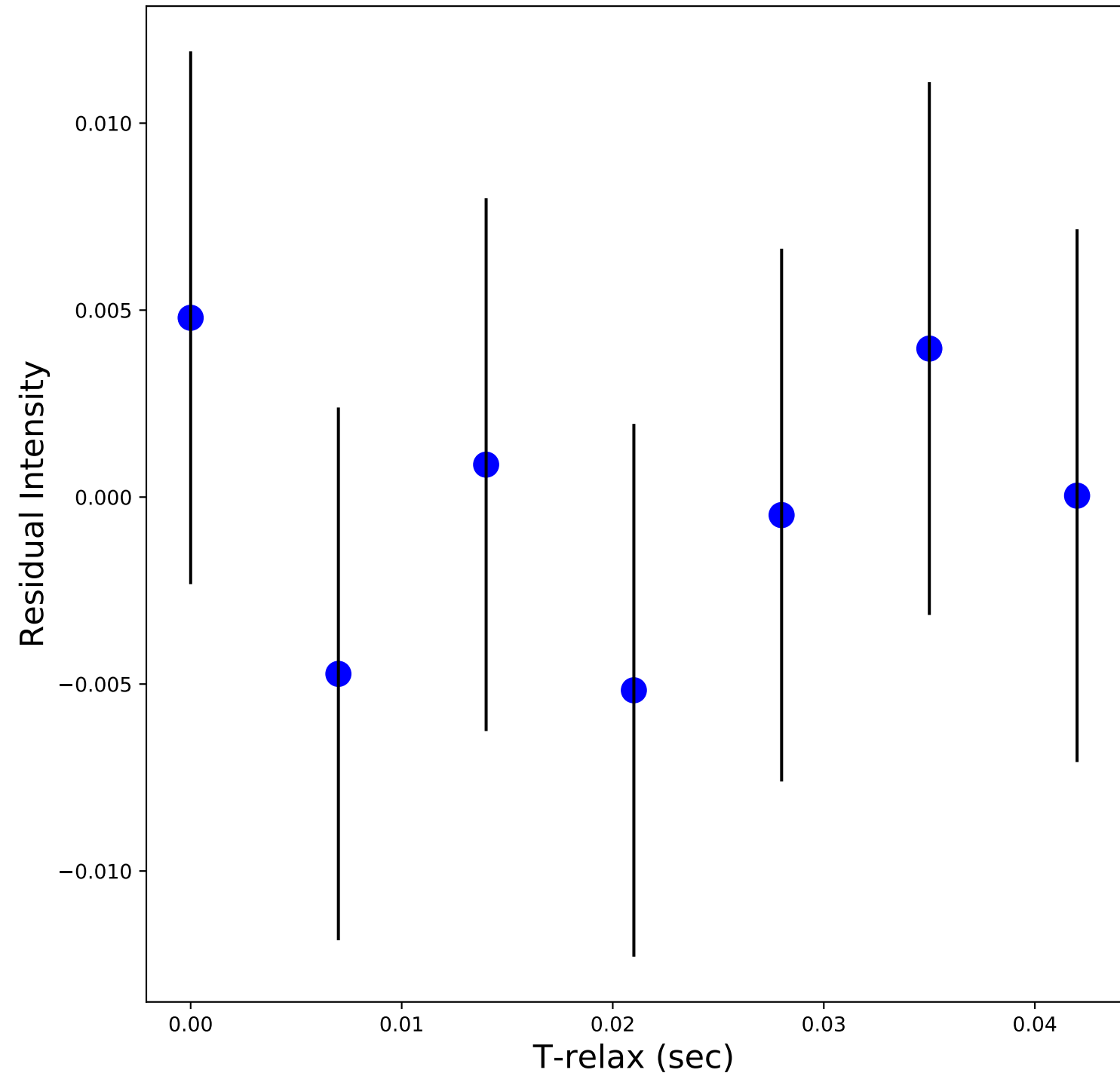
$R_{1\rho}\,4.85 \pm 0.45\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}-800\,Hz\,|\,\overline{\chi}^2 = 0.73$ | Folder (1487)
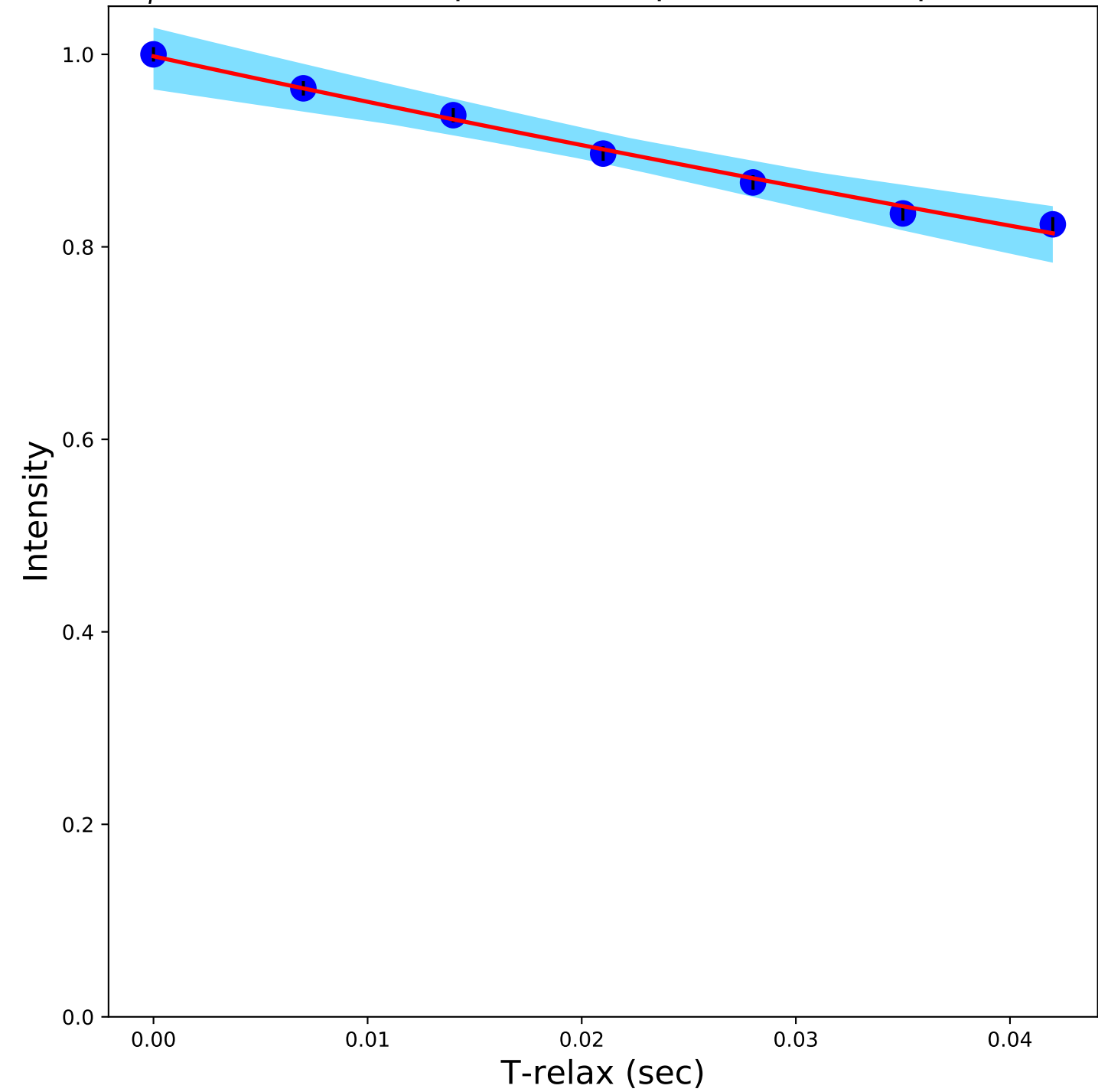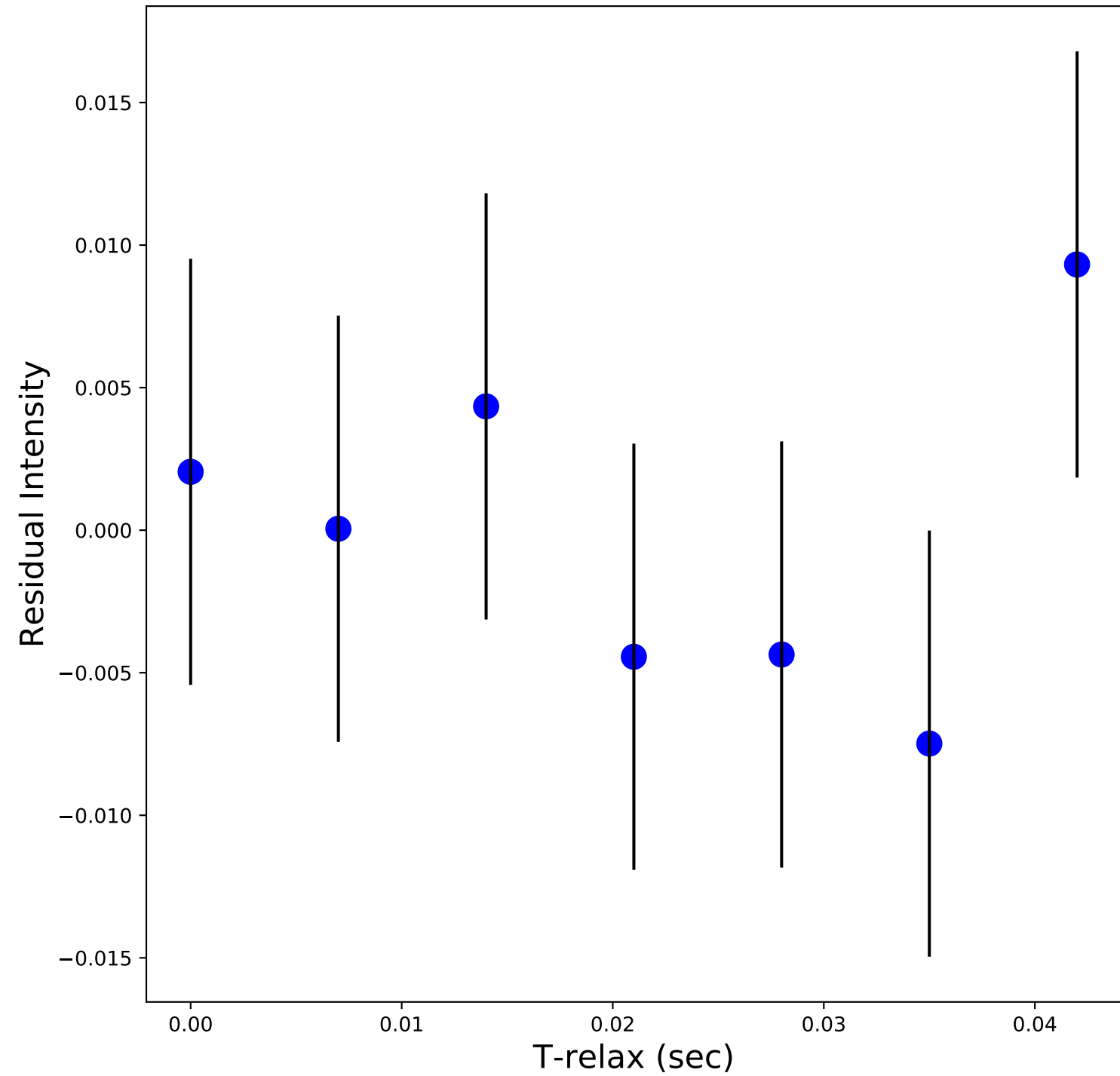
$R_{1\rho} \, 4.63 \pm 0.41 \, s^{-1} \, | \, \omega_1 \, 200 \, Hz \, | \, \Omega_{eff} - 850 \, Hz \, | \, \overline{\chi}^2 = 0.35$
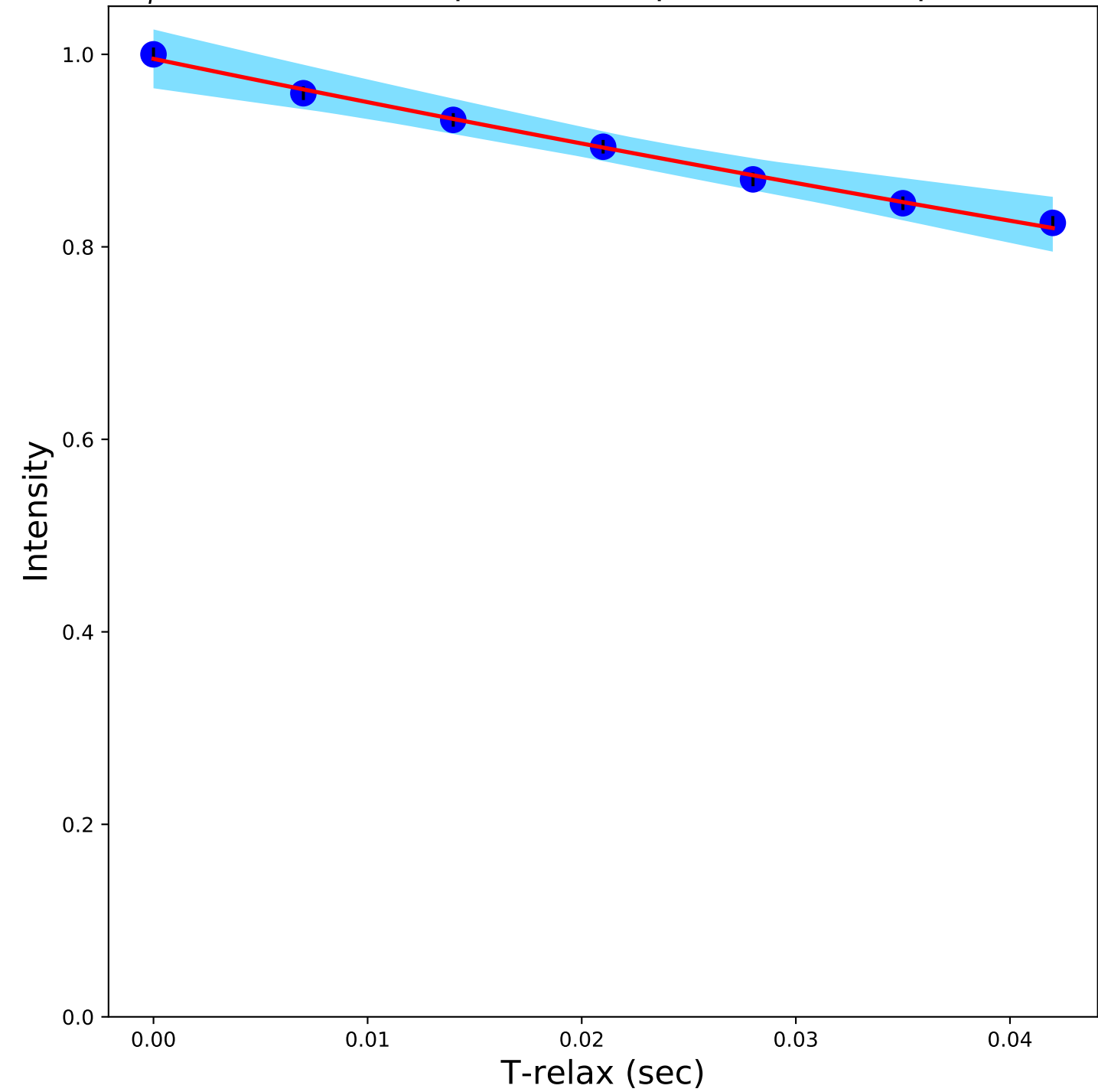
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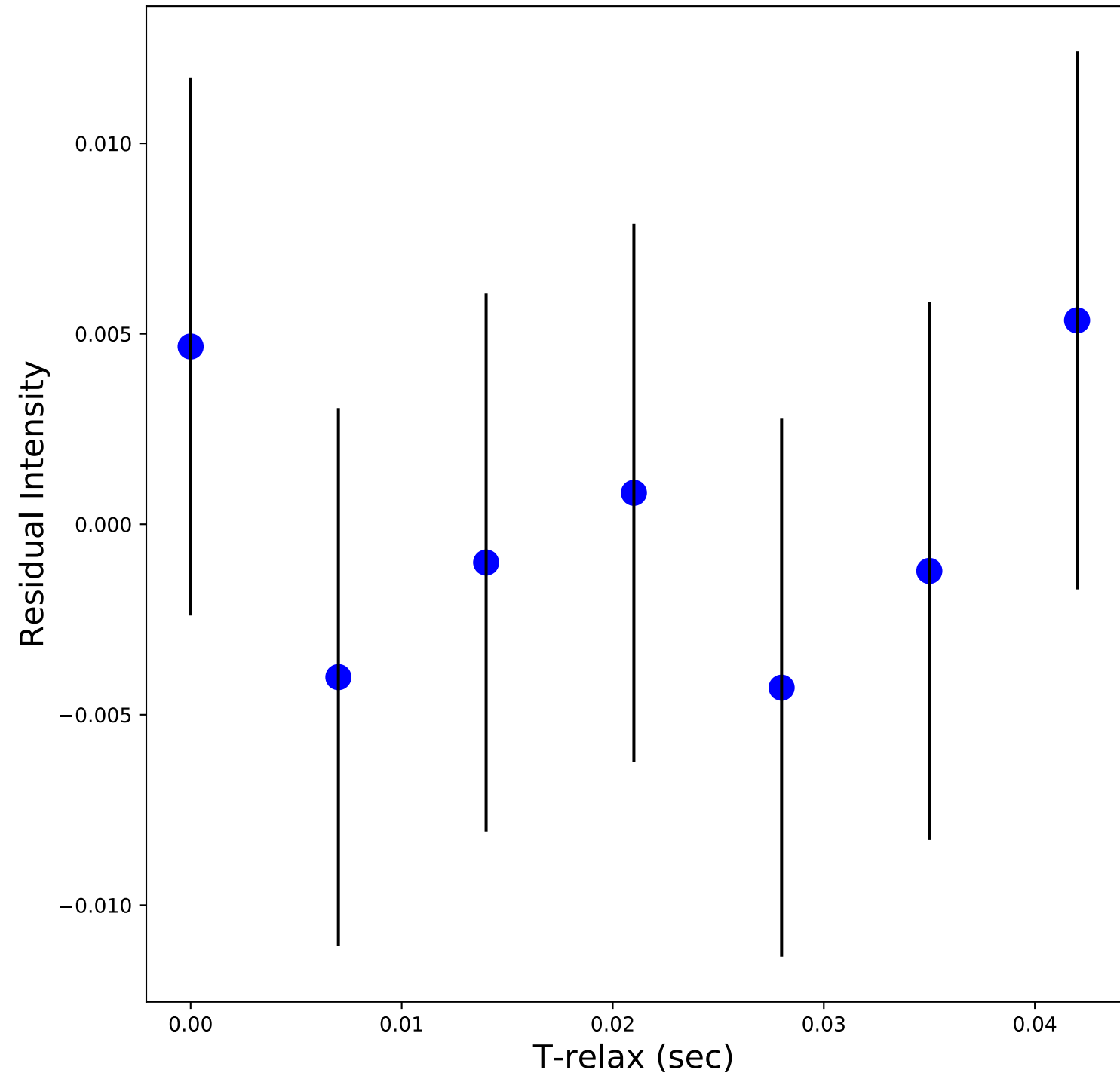
$R_{1\rho}\,3.94 \pm 0.44\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}\,-900\,Hz\,|\,\overline{\chi}^2 = 0.54$
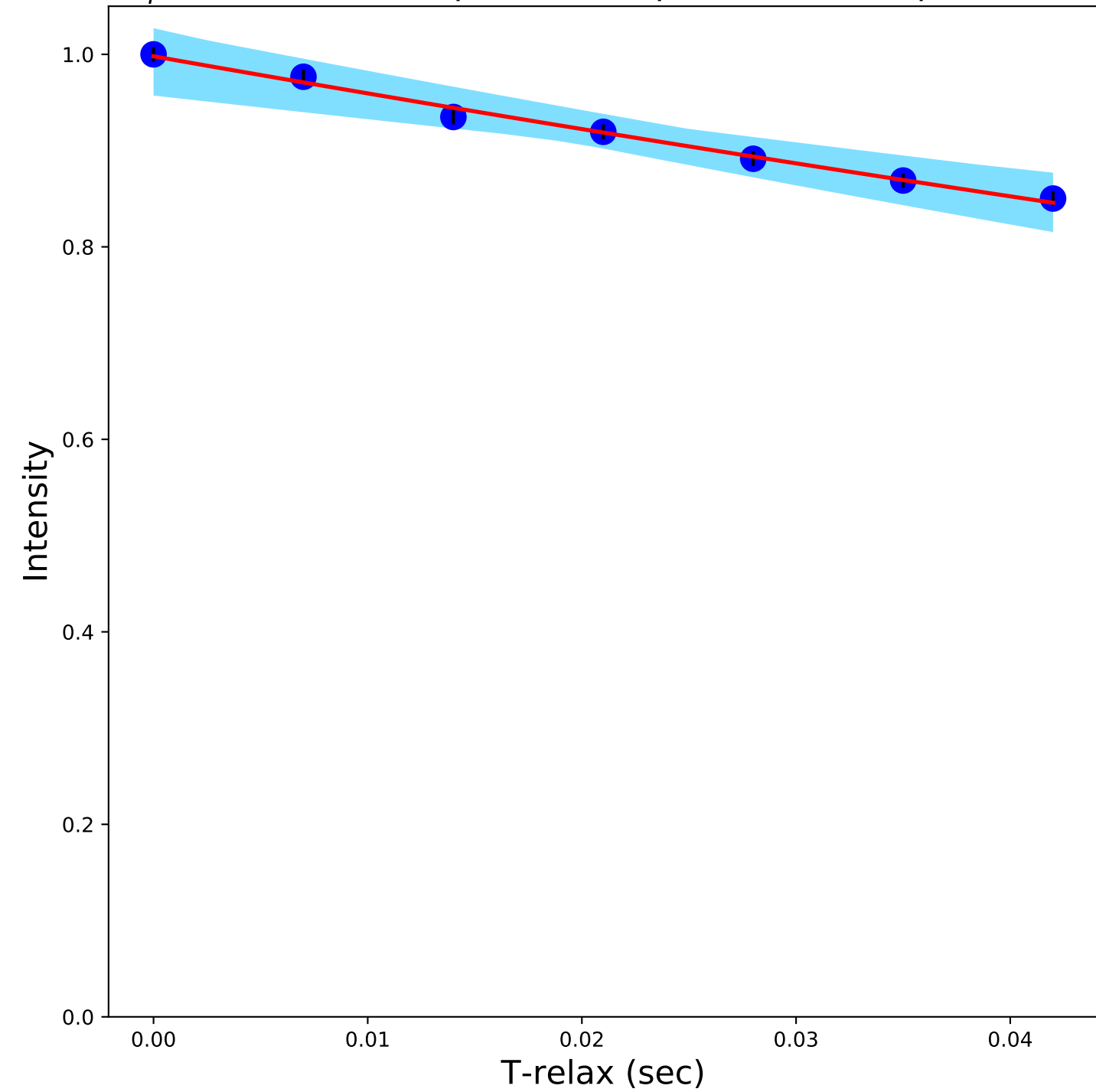
Folder (1489)
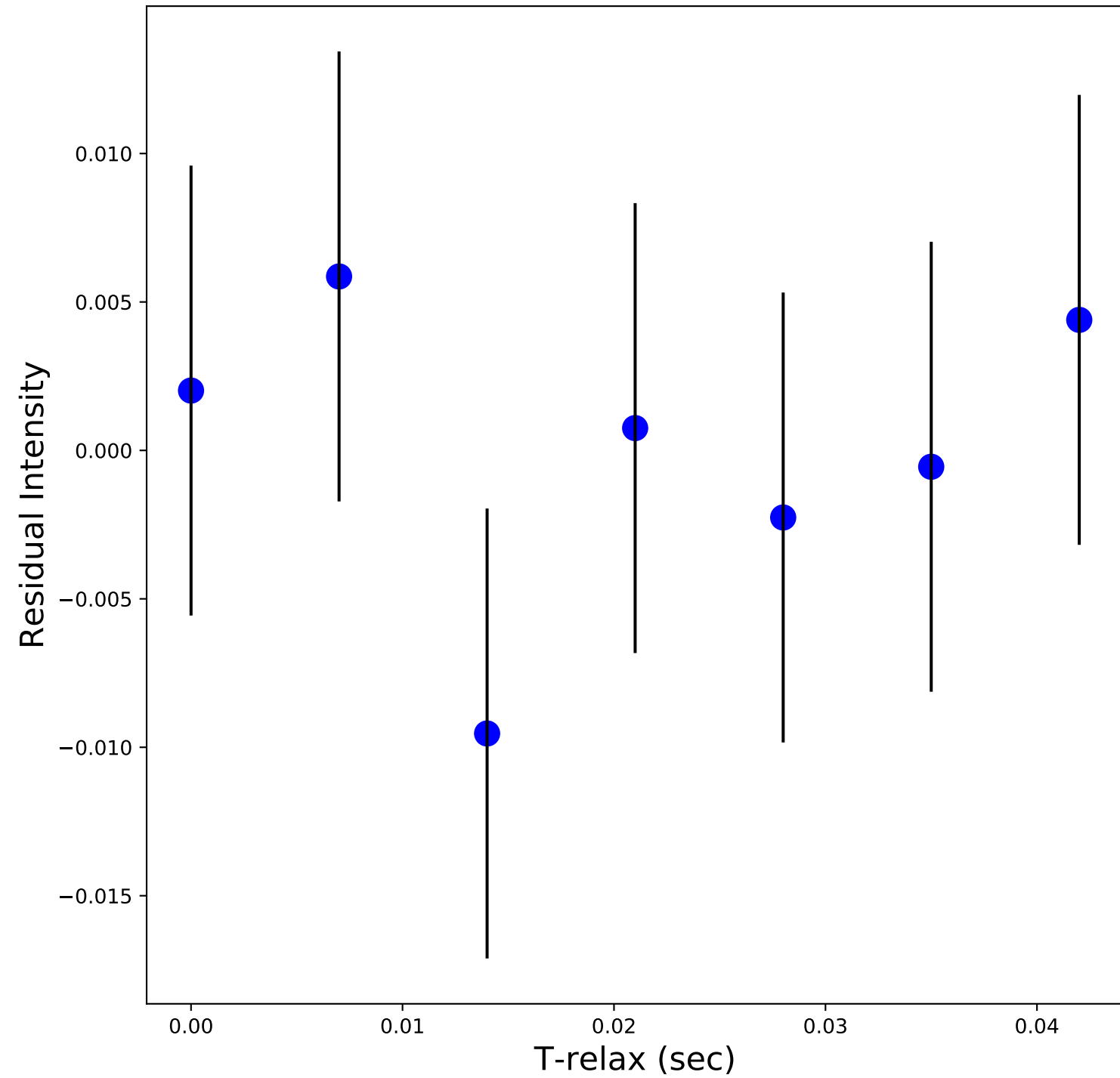
$R_{1\rho}\,3.79 \pm 0.33\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff}-1000\,Hz\,|\,\overline{\chi}^2 = 0.25$
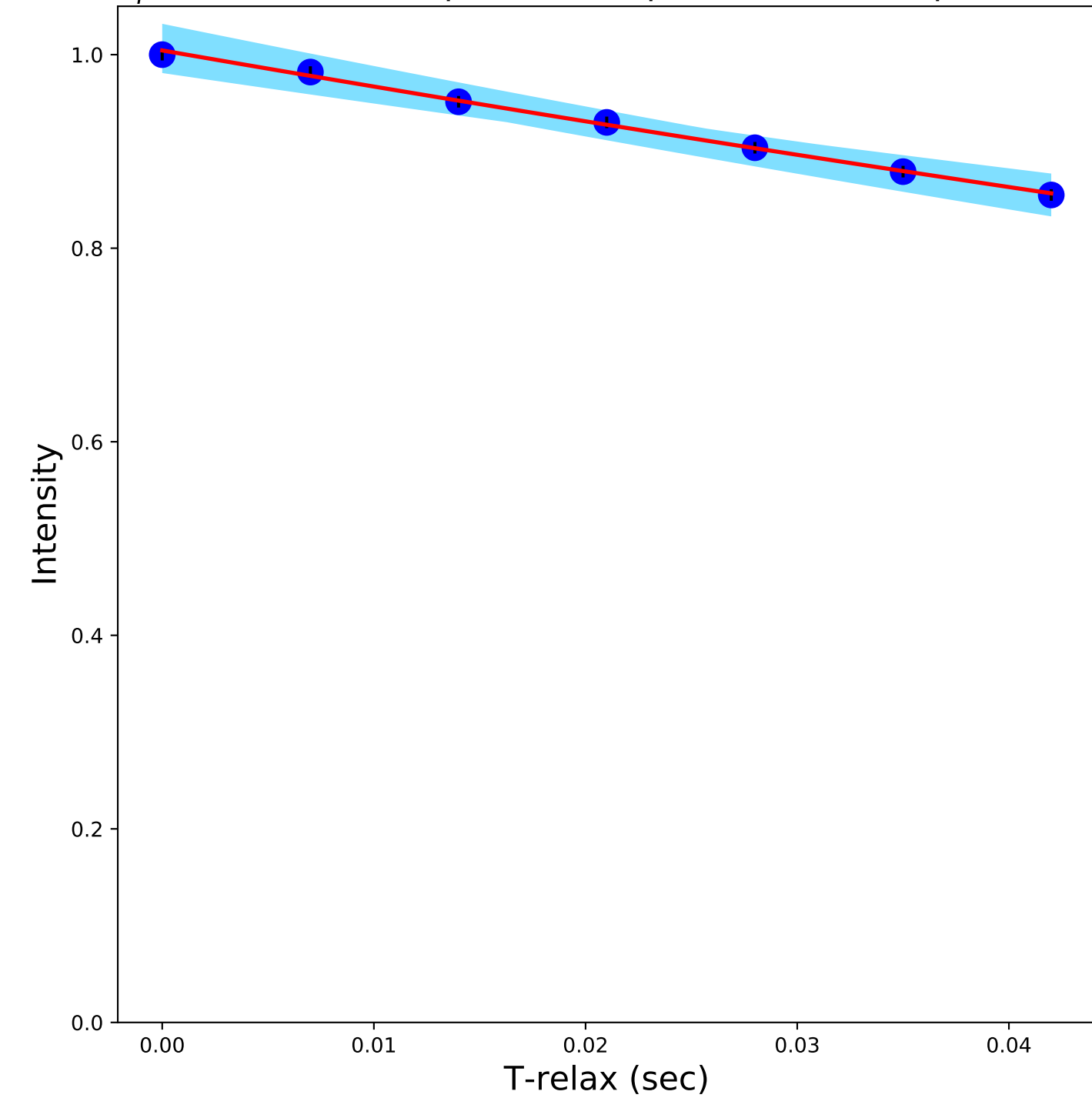
Folder (1490)

$R_{1\rho}\ 3.65 \pm 0.45\ s^{-1}\ |\ \omega_1\ 200\ Hz\ |\ \Omega_{eff}\ -1100\ Hz\ |\ \overline{\chi}^2 = 0.35$
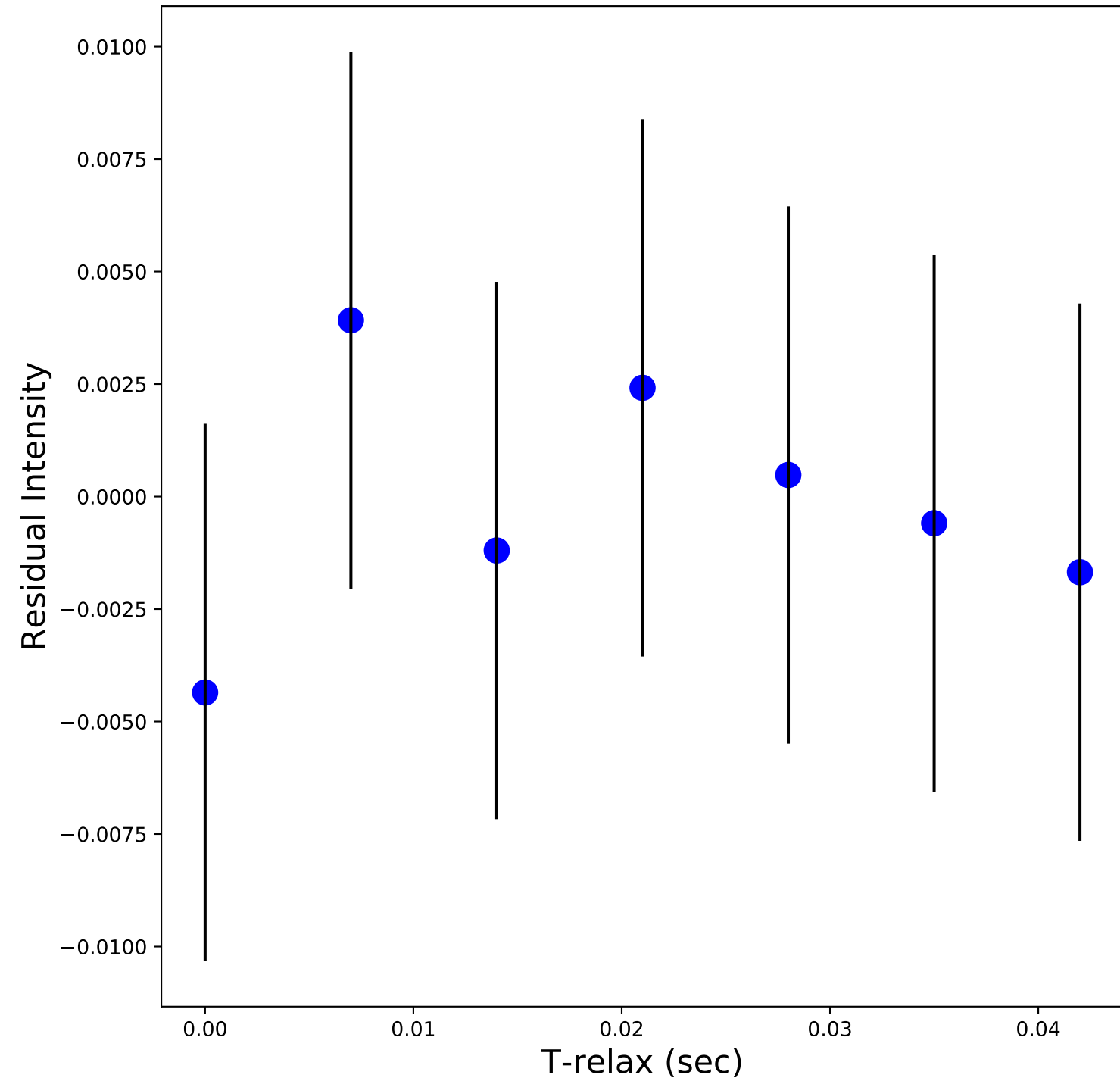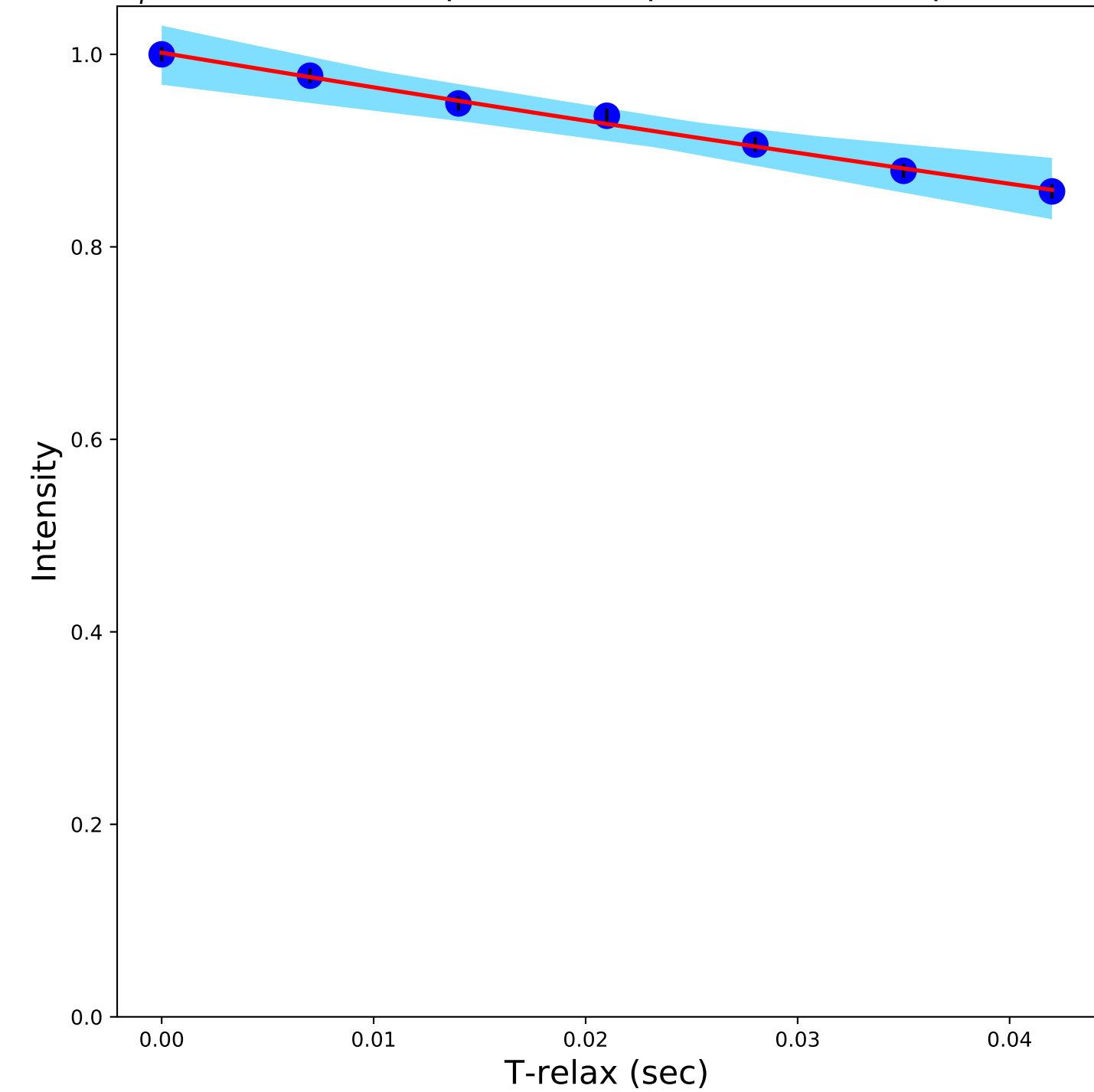
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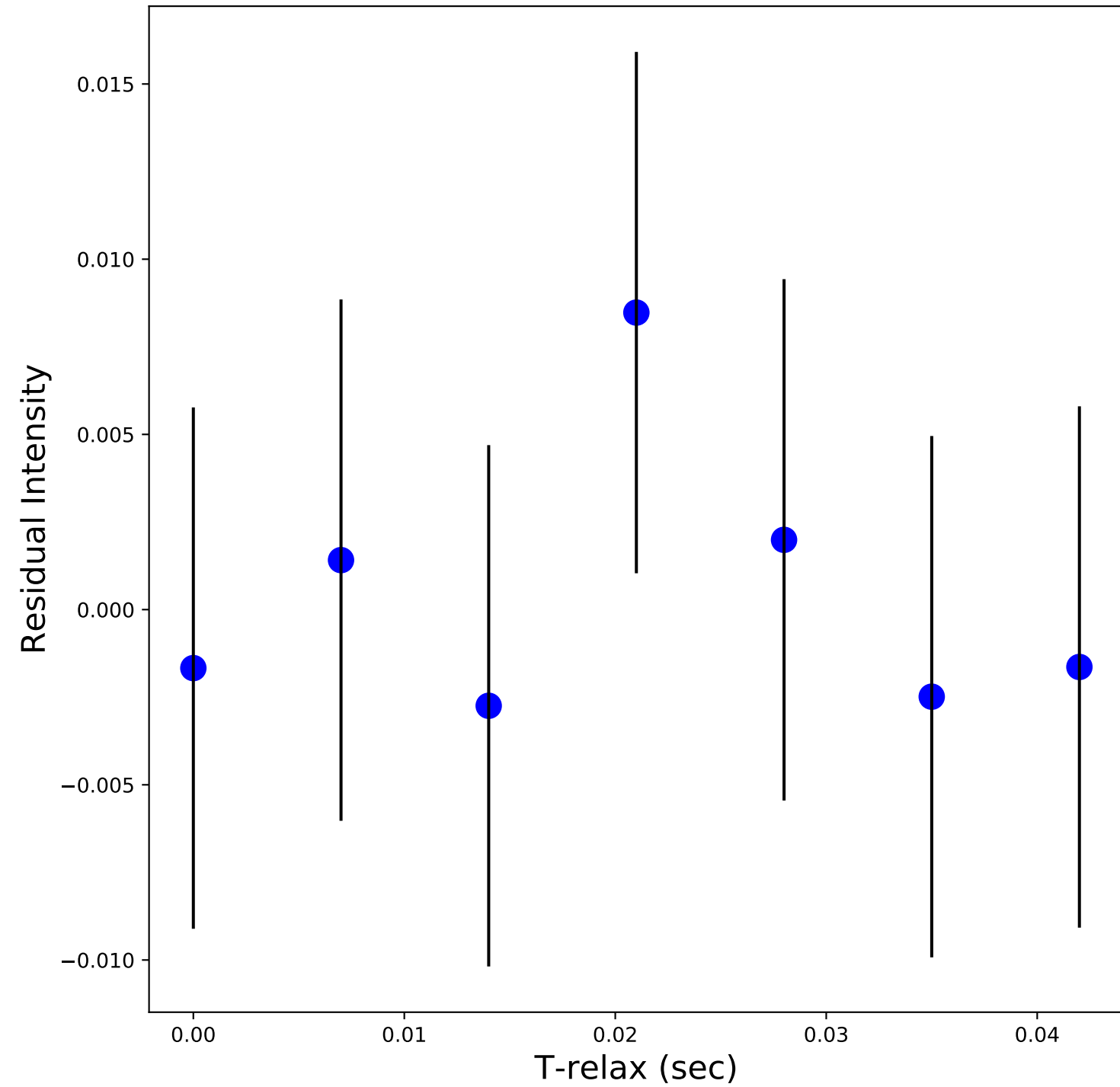
$R_{1\rho}\ 3.47 \pm 0.39\ s^{-1} \mid \omega_1\ 200\ Hz \mid \Omega_{eff} - 1200\ Hz \mid \overline{\chi}^2 = 0.54$
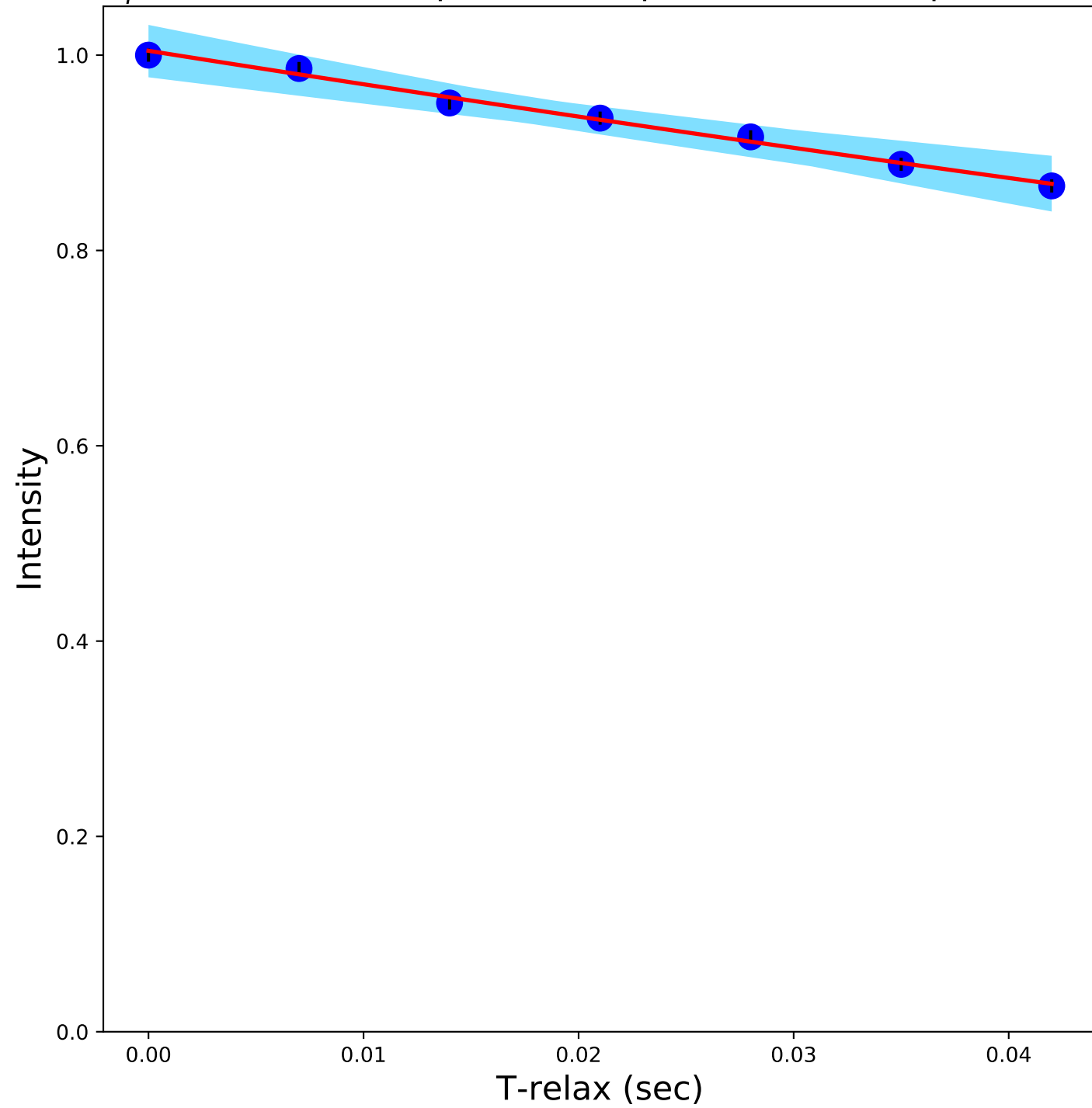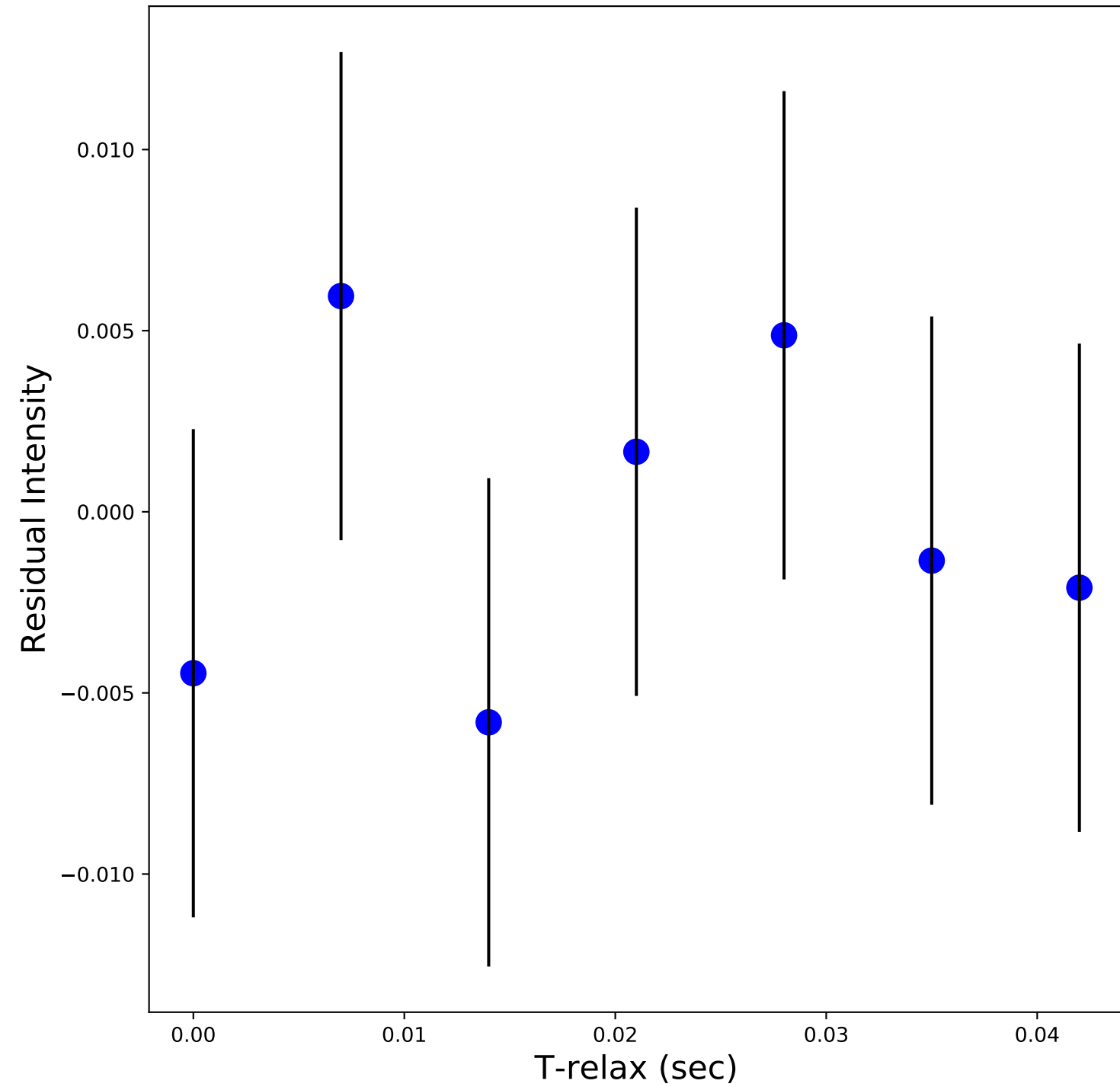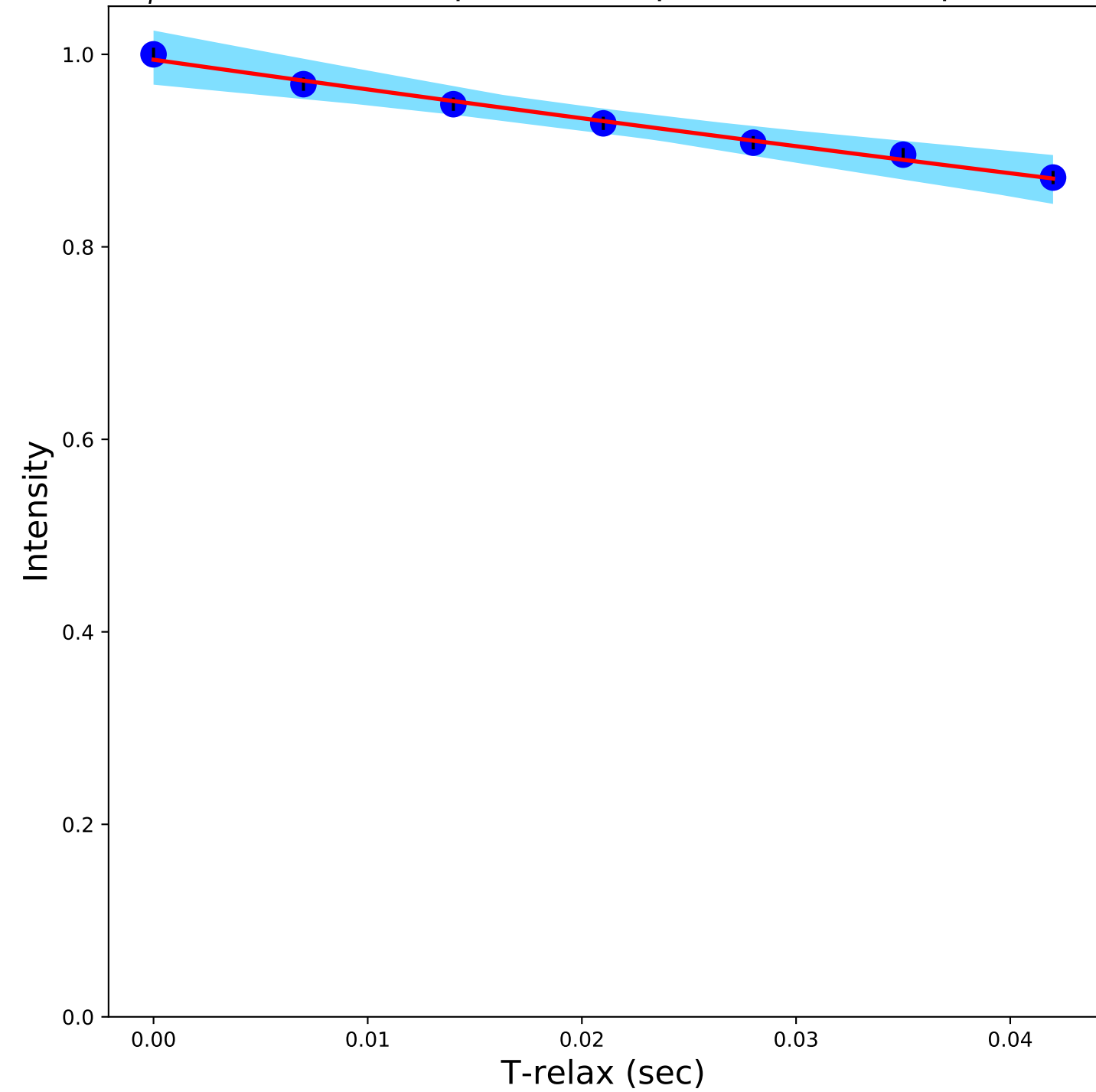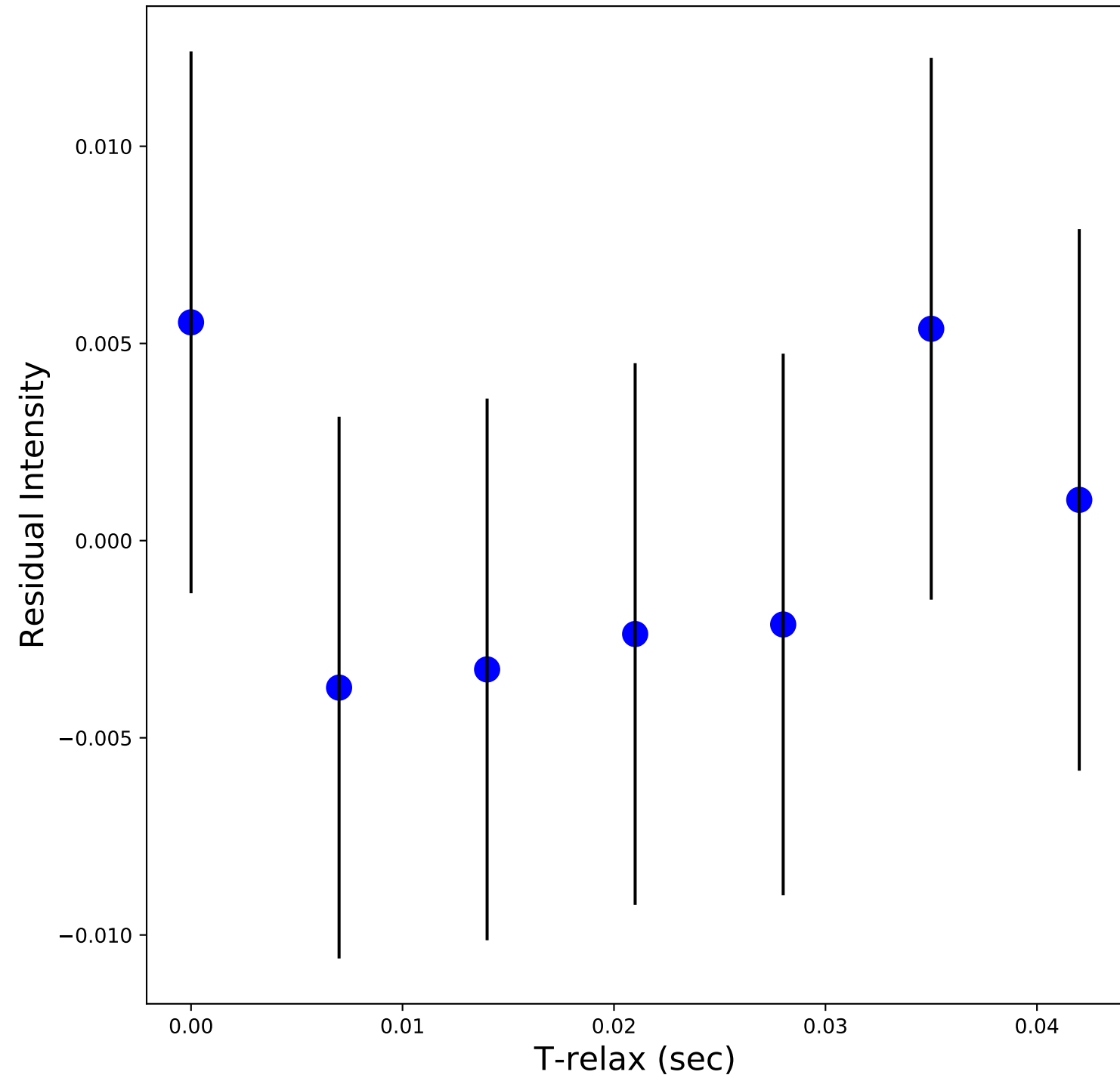
Folder (1492)

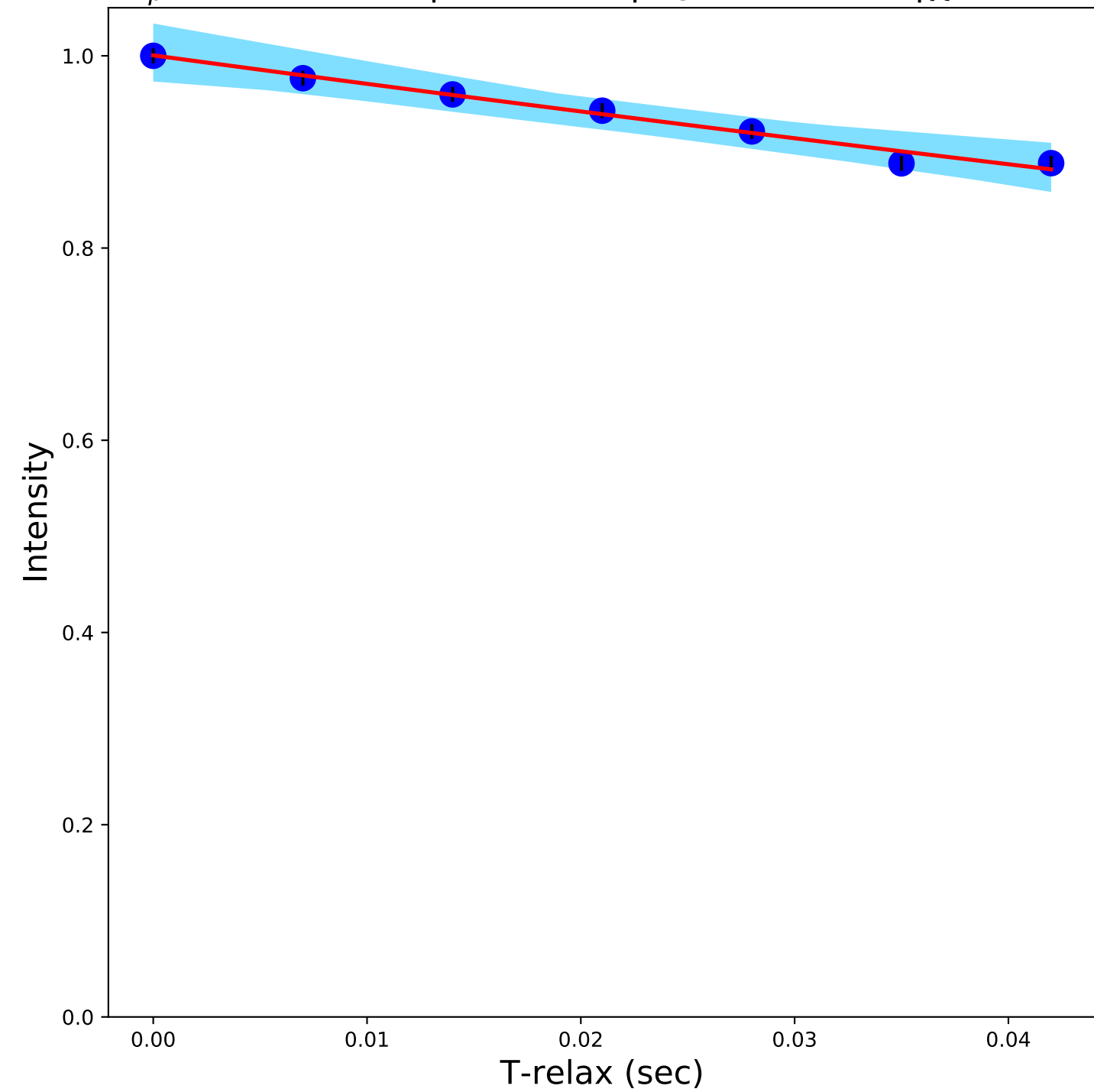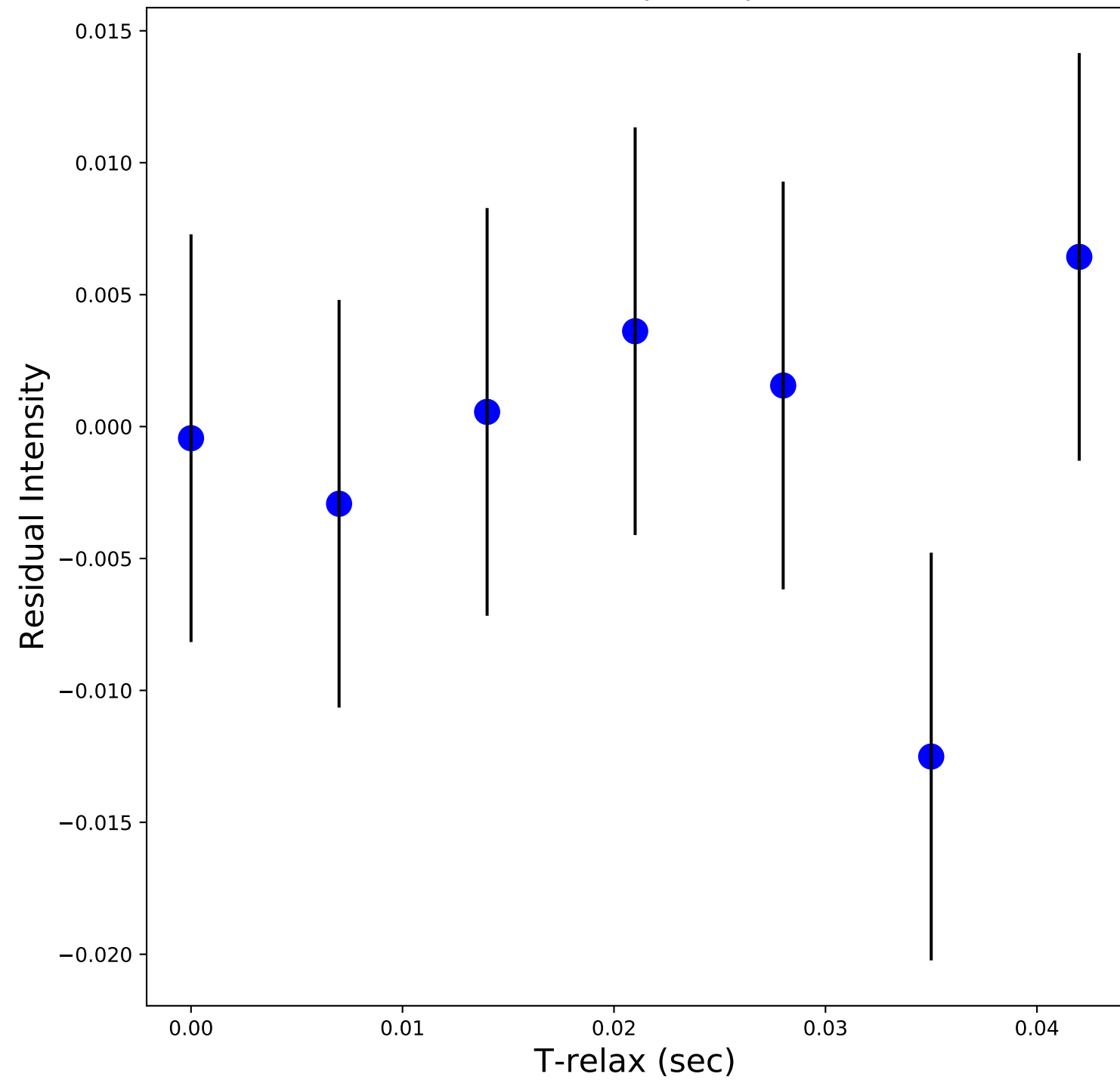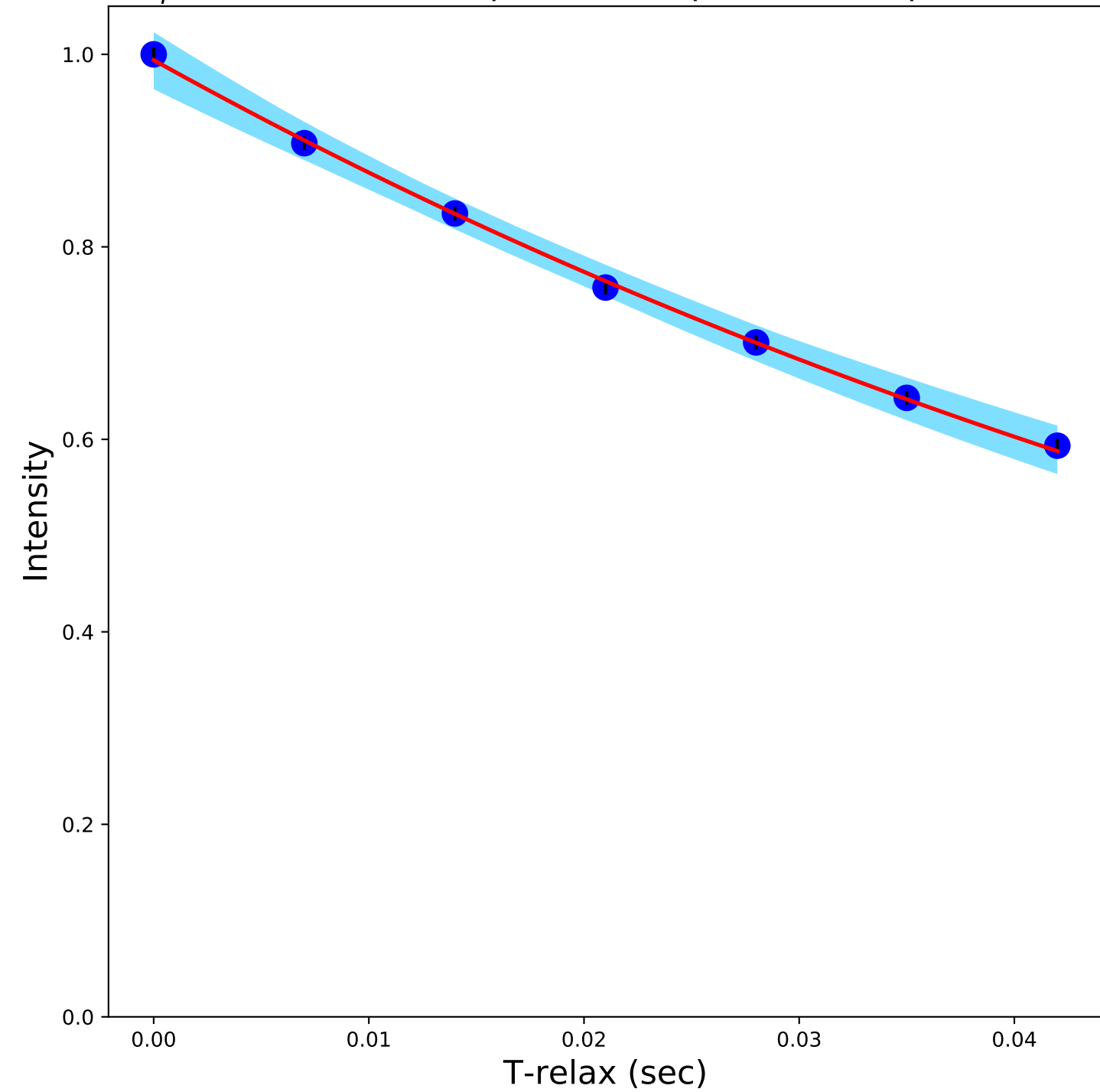$R_{1\rho}\,3.16 \pm 0.39\,s^{-1}\,|\,\omega_1\,200\,Hz\,|\,\Omega_{eff} - 1400\,Hz\,|\,\overline{\chi}^2 = 0.4$

Folder (1493)

$R_{1\rho}\, 3.0 \pm 0.41\, s^{-1} \,|\, \omega_1\, 200\, Hz \,|\, \Omega_{eff} - 1600\, Hz \,|\, \overline{\chi}^2 = 0.74$

Folder (1494)

$R_{1\rho}\ 12.51 \pm 0.51\ s^{-1} \,|\, \omega_1\ 200\ Hz \,|\, \Omega_{eff}\ 200\ Hz \,|\, \overline{\chi}^2 = 0.48$

Folder (1495)
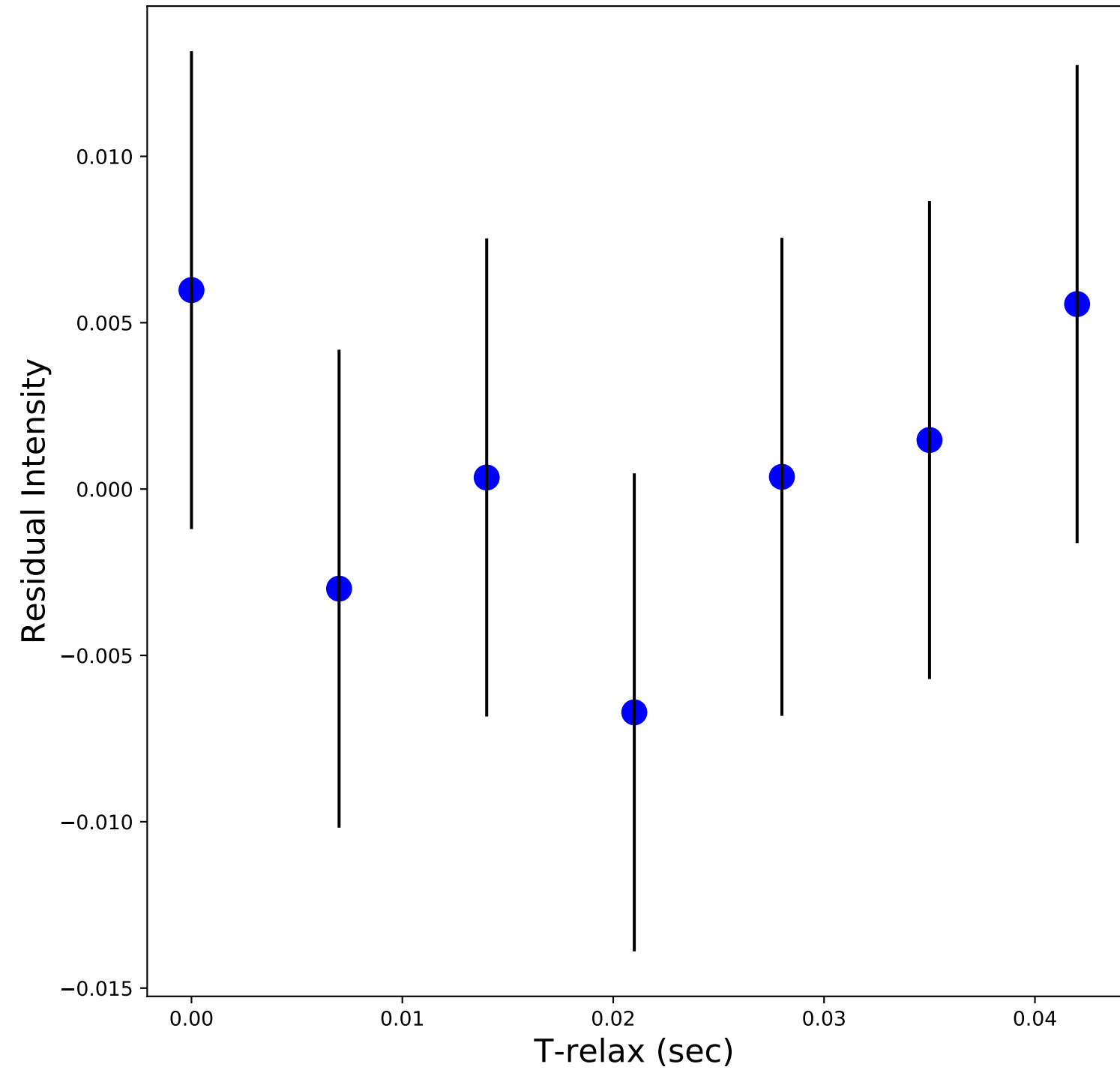
$R_{1\rho}\, 6.23 \pm 0.51\, s^{-1}\,|\,\omega_1\, 200\, Hz\,|\,\Omega_{eff}\, 400\, Hz\,|\,\overline{\chi}^2 = 0.09$
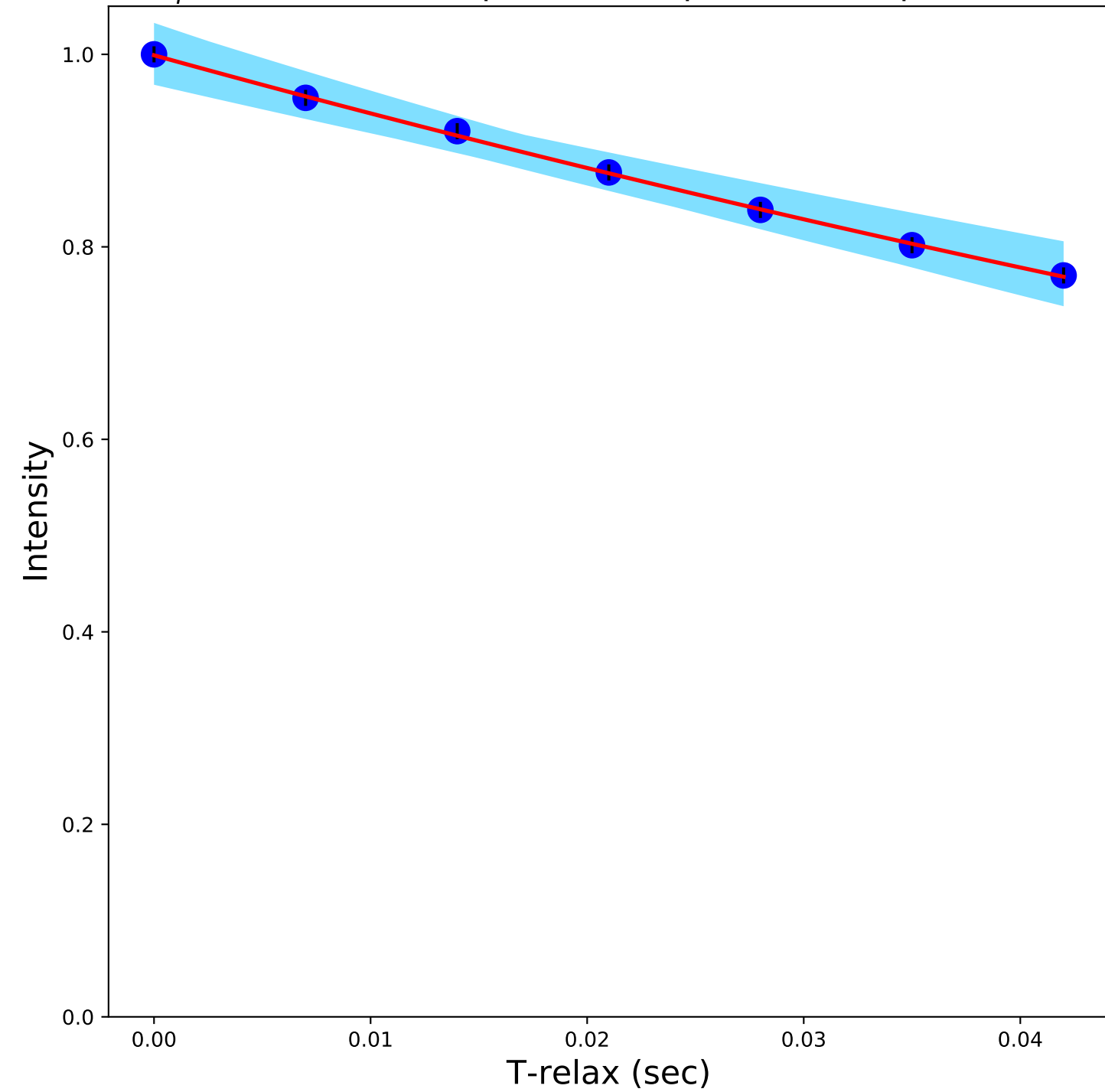
Folder (1496)
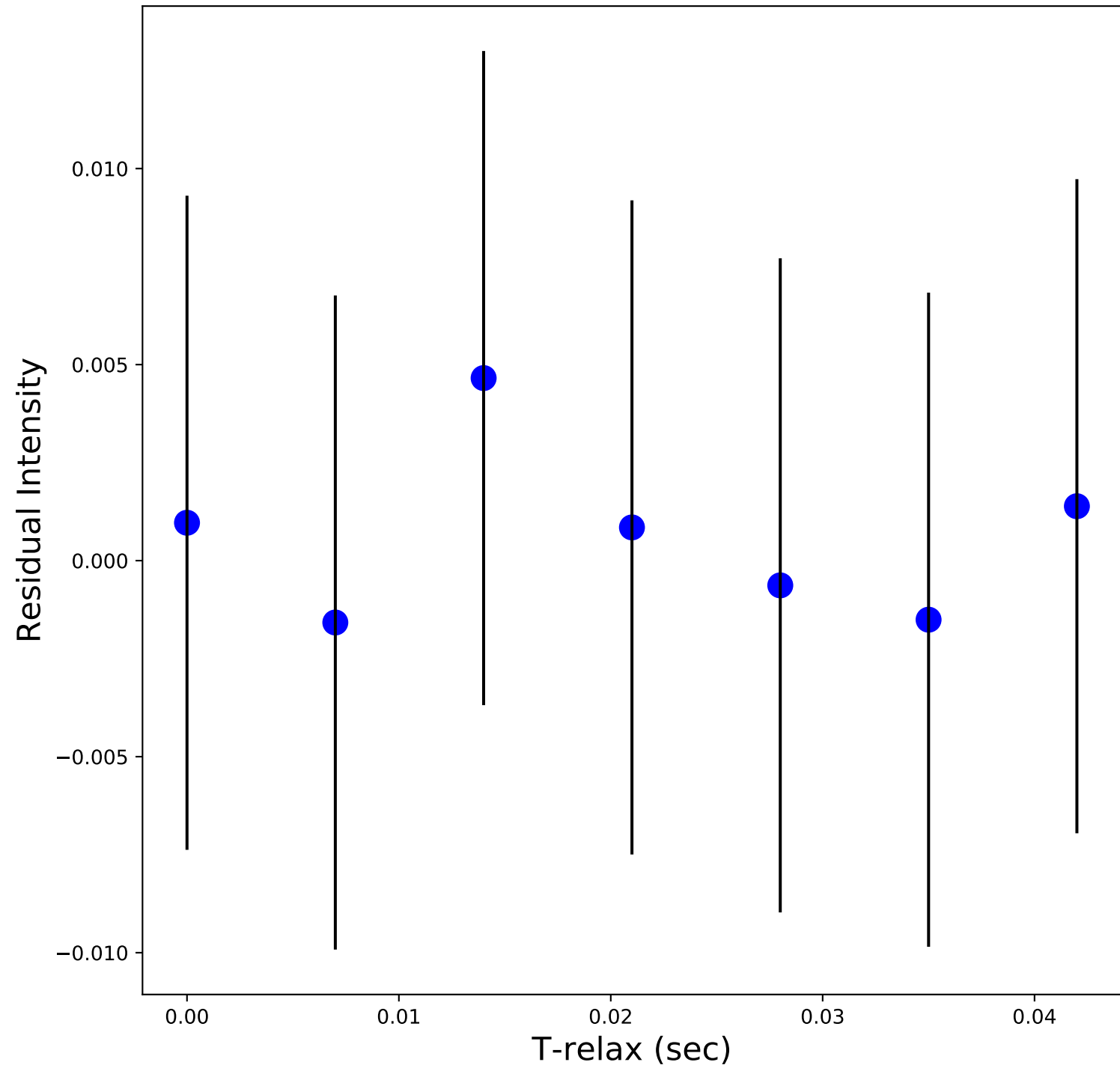
$R_{1\rho}\ 22.74 \pm 0.62\,s^{-1}\,|\,\omega_1\ 300\,Hz\,|\,\Omega_{eff} - 100\,Hz\,|\,\overline{\chi}^2 = 0.07$
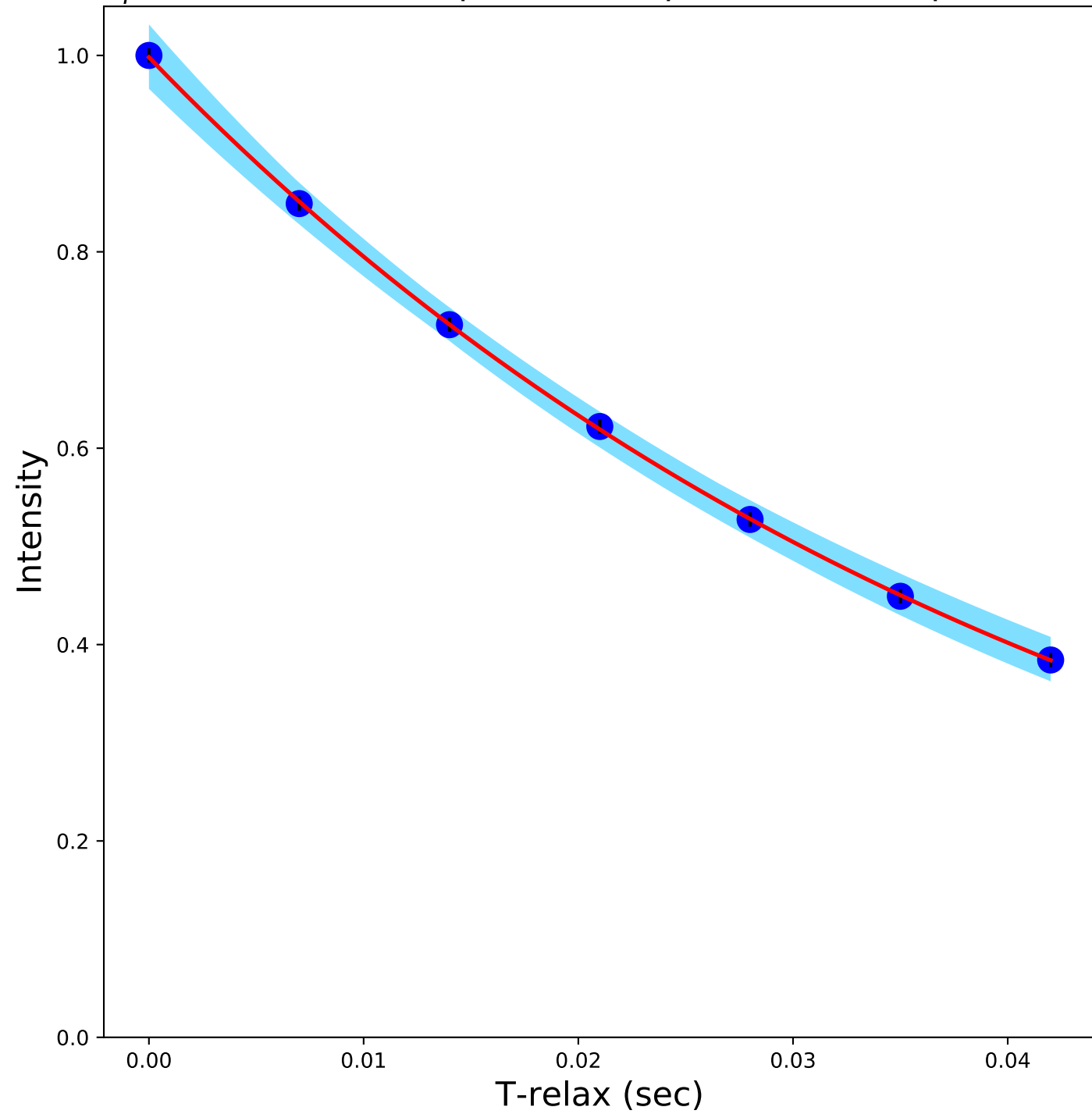
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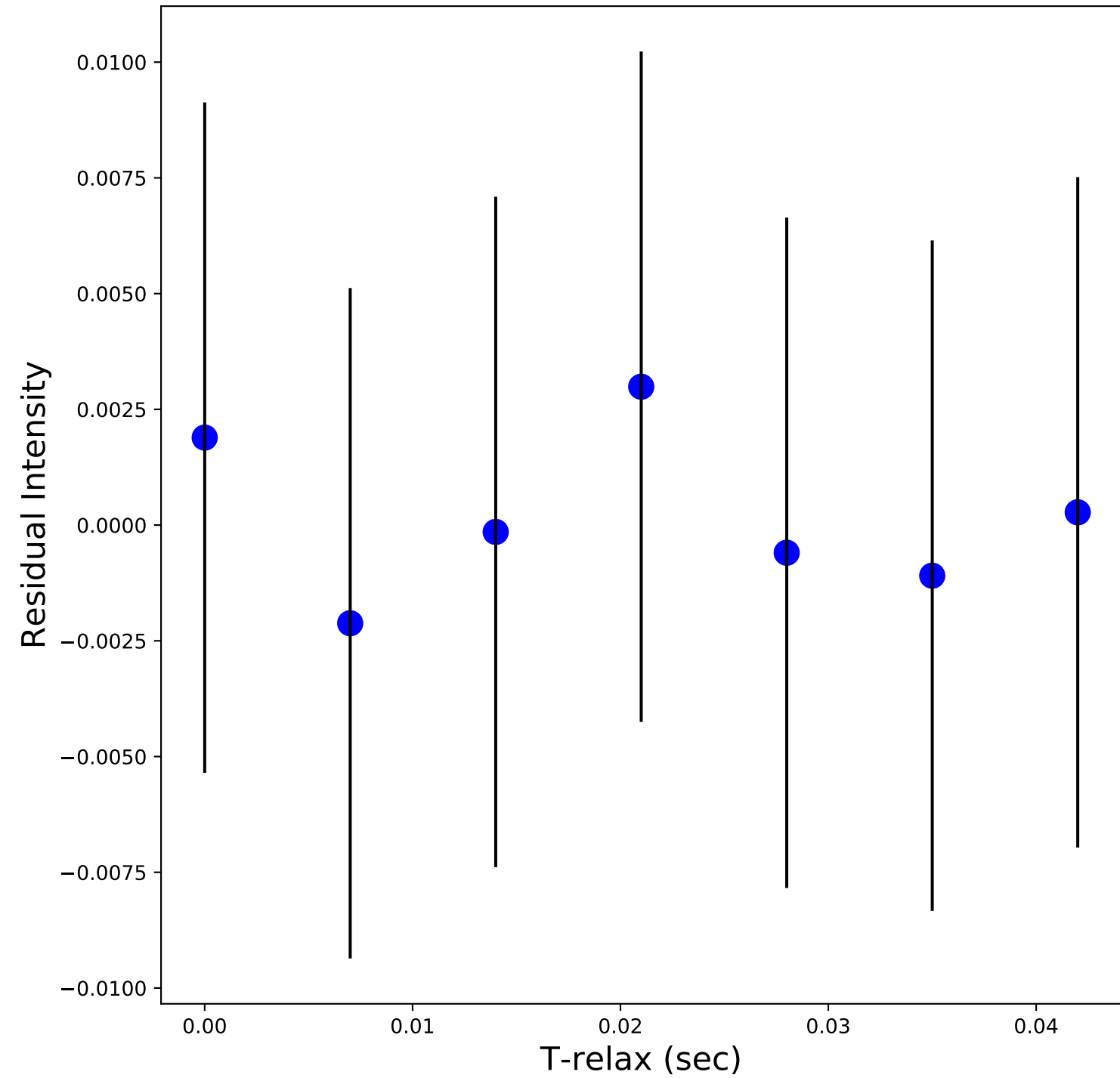
$R_{1\rho}\ 18.95 \pm 0.63\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff}-200\,Hz\,|\,\overline{\chi}^2 = 0.41$
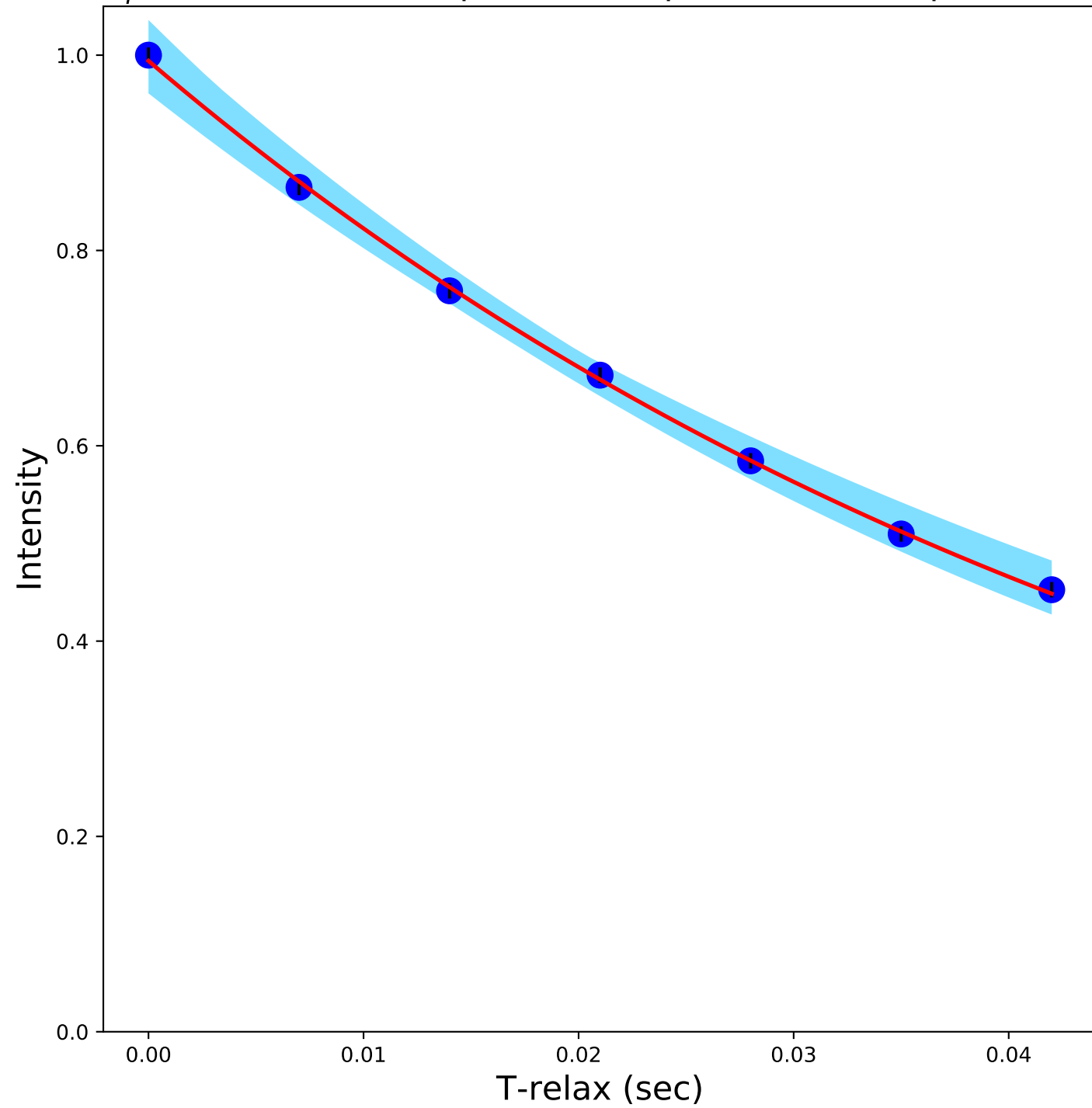
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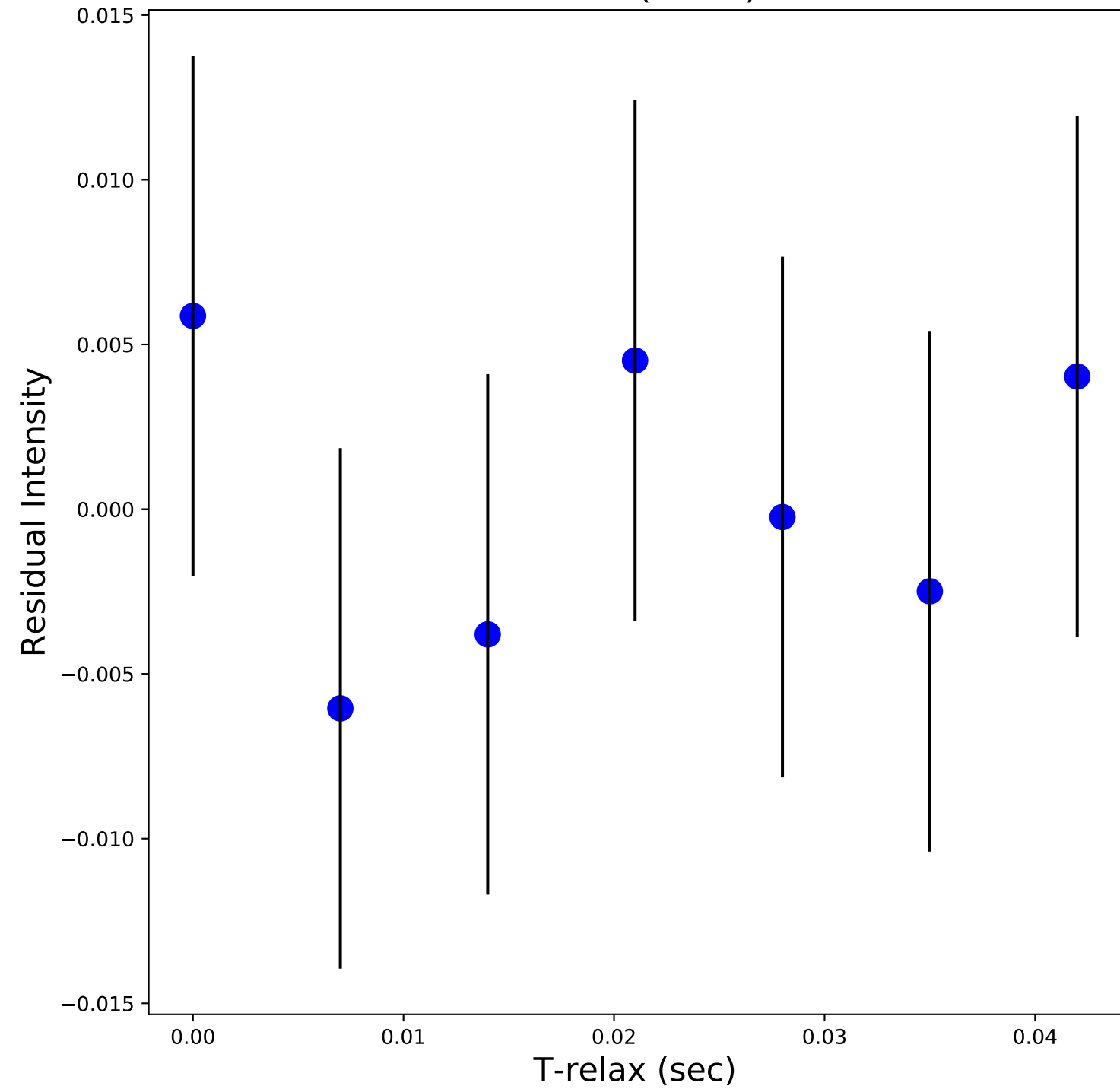
$R_{1\rho}$ $16.07 \pm 0.52\,s^{-1}$ | ω_1 $300\,Hz$ | Ω_{eff} $-300\,Hz$ | $\overline{\chi}^2 = 1.03$
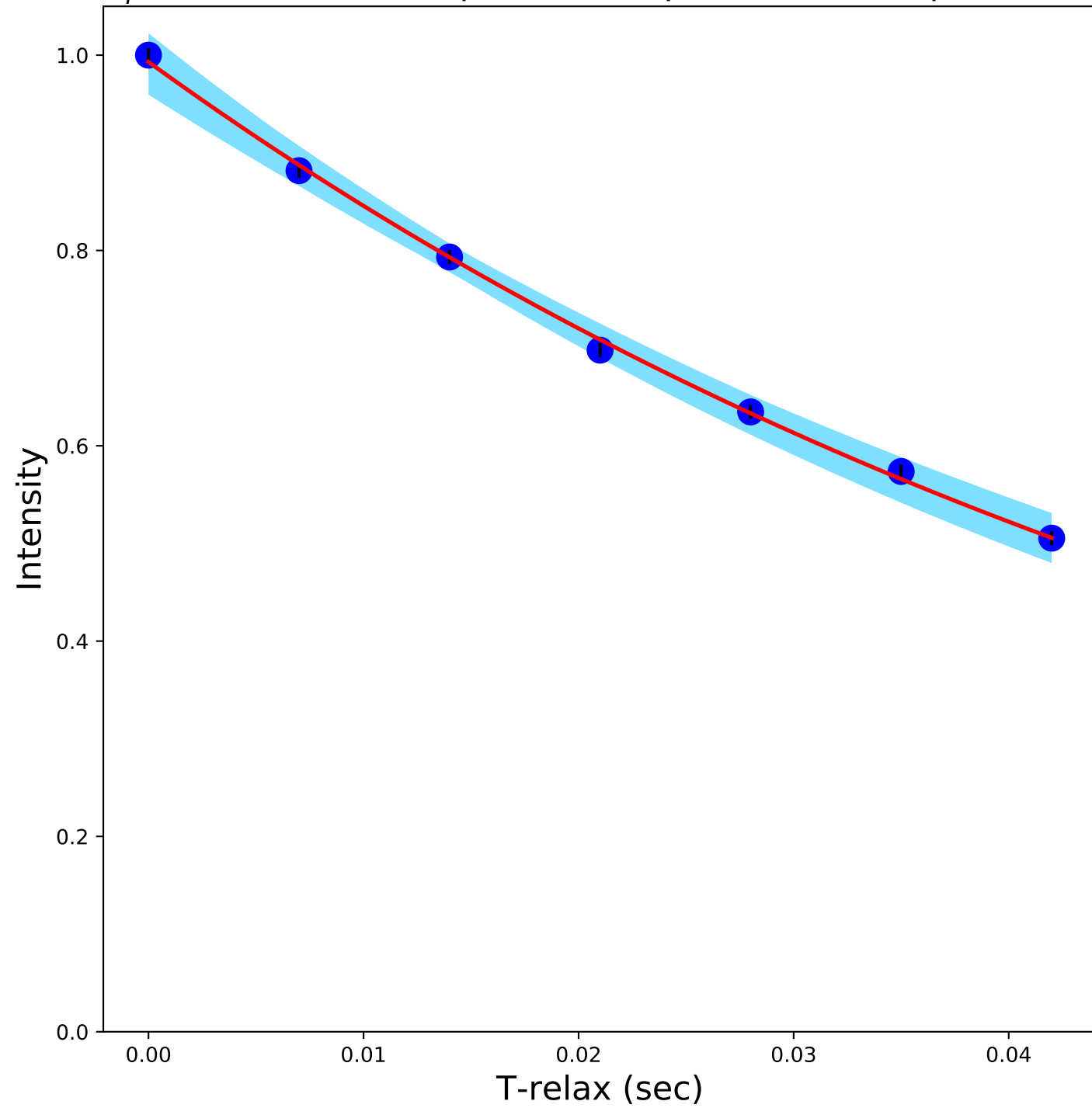
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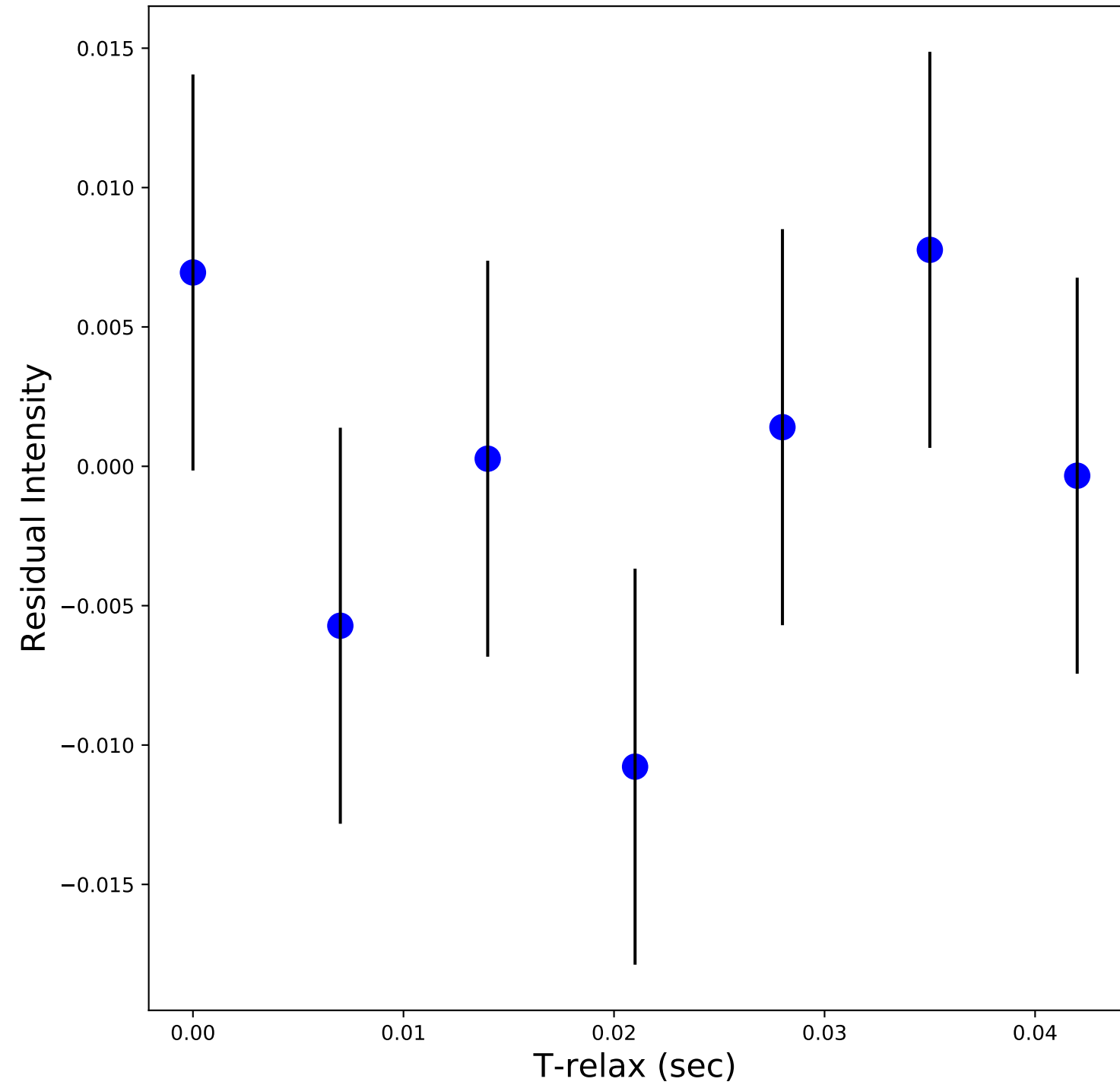
$R_{1\rho}\,14.32 \pm 0.5\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff} - 350\,Hz\,|\,\overline{\chi}^2 = 0.17$
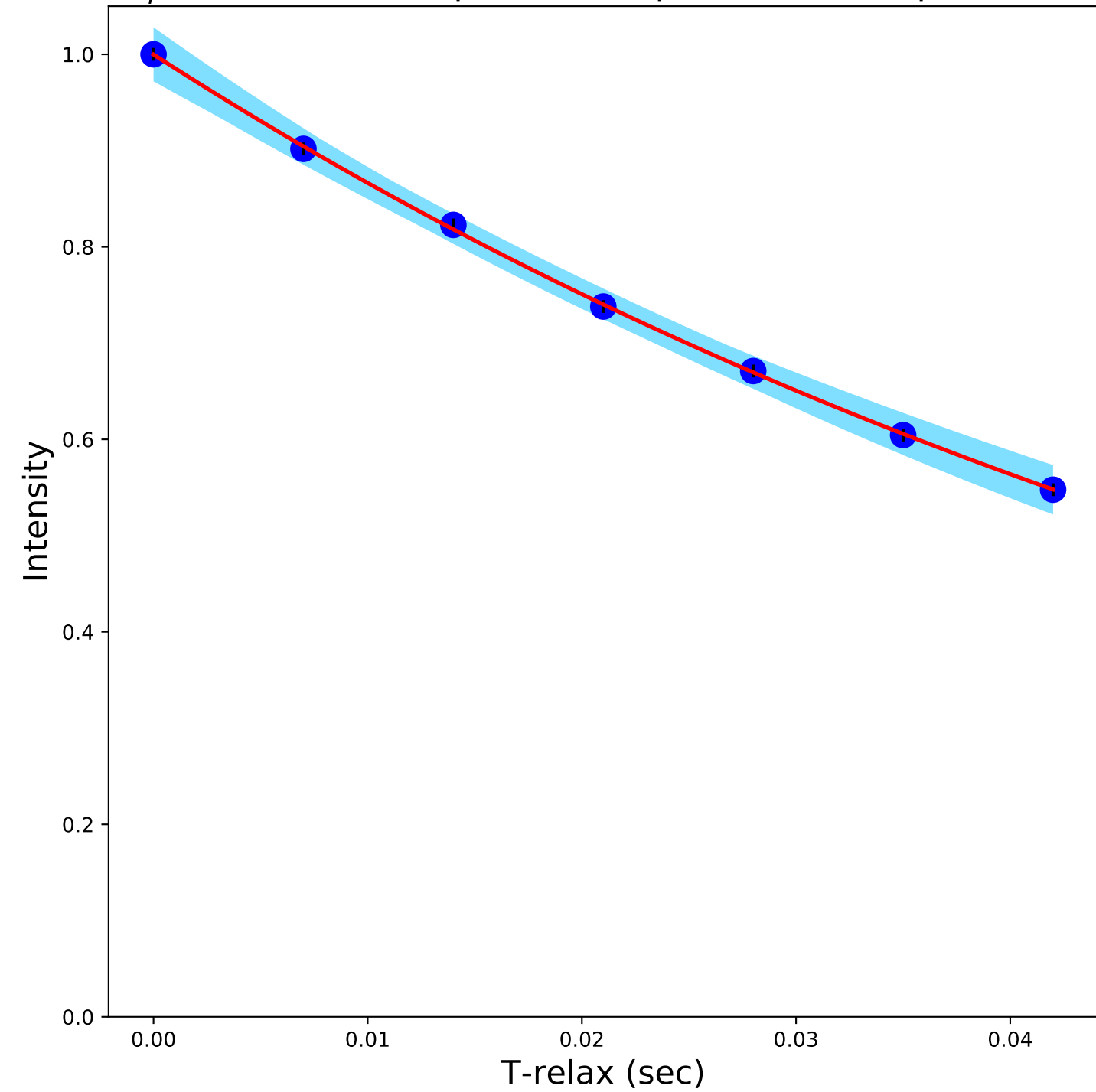
Folder (1500)
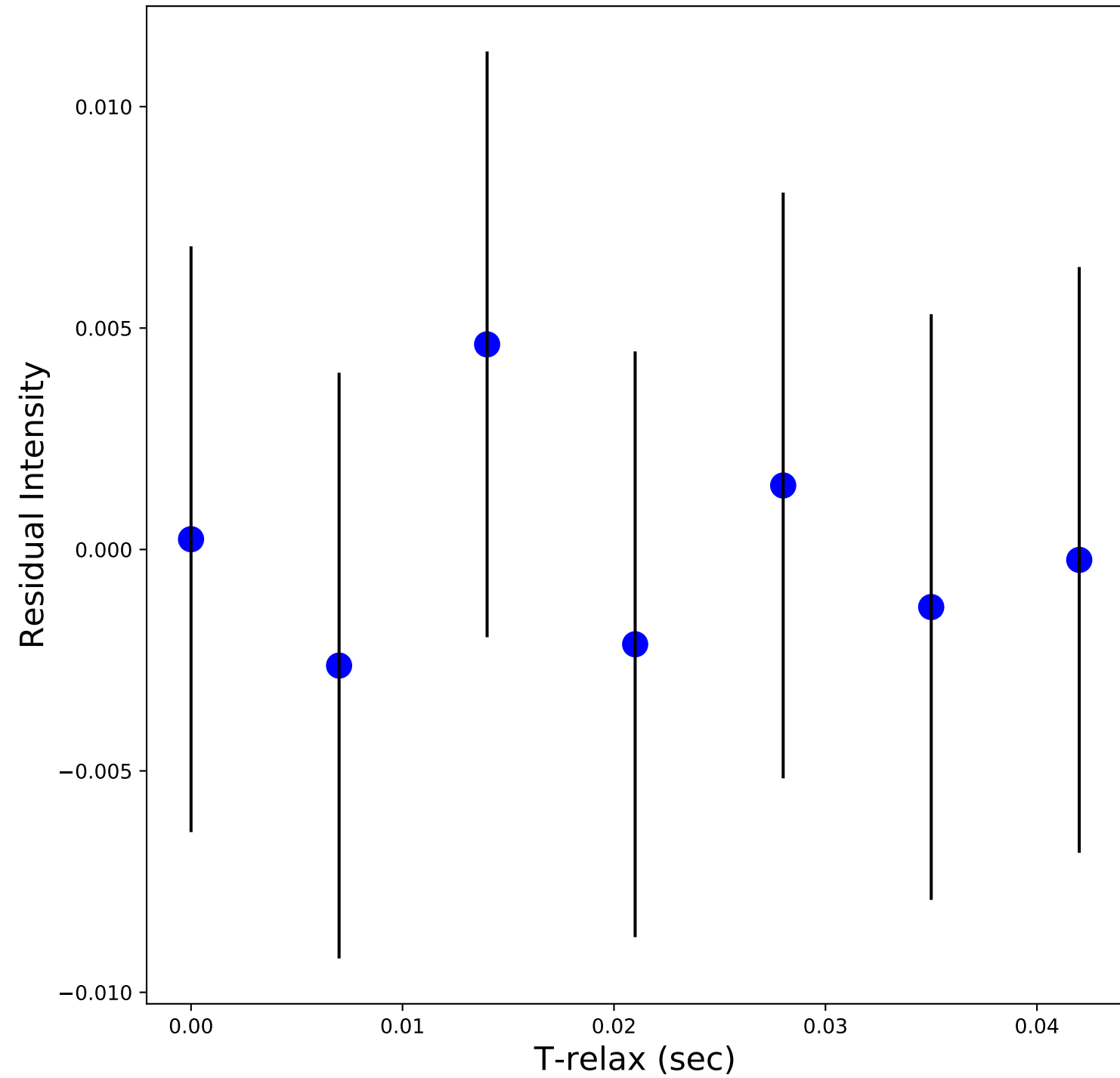
$R_{1\rho}\ 13.37 \pm 0.58\,s^{-1}\,|\,\omega_1\ 300\,Hz\,|\,\Omega_{eff} - 400\,Hz\,|\,\overline{\chi}^2 = 0.66$
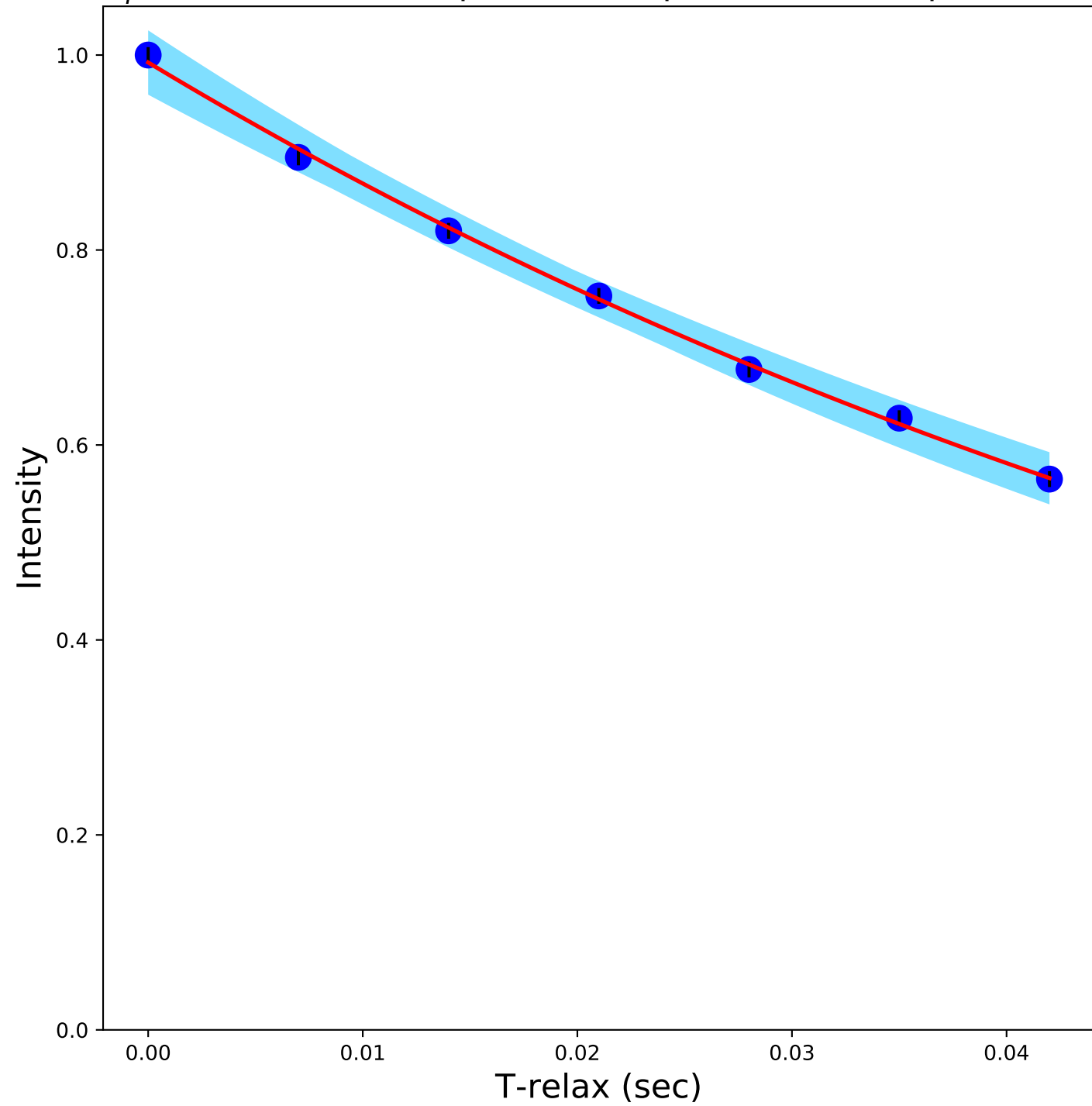
Folder (1501)
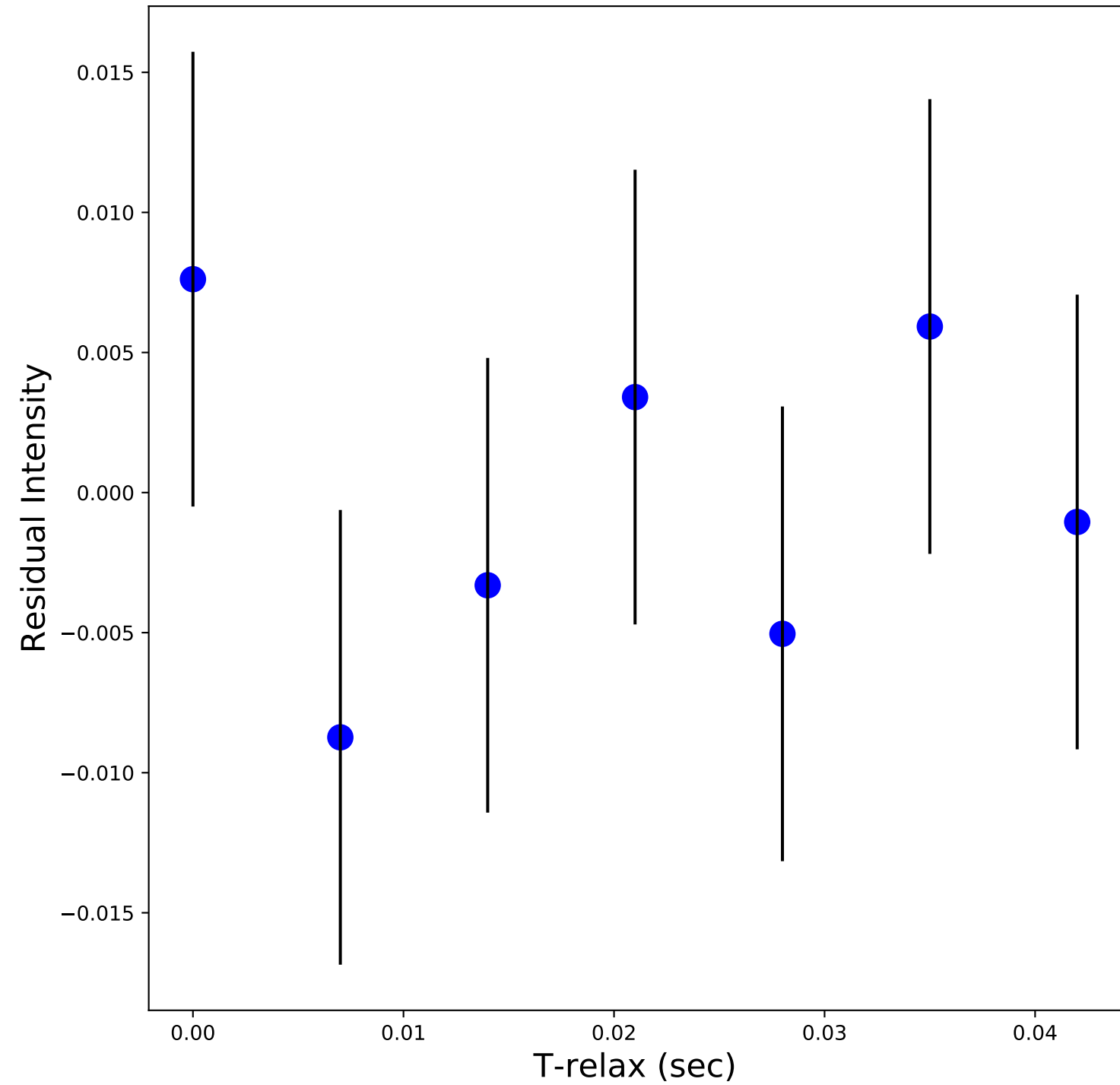
$R_{1\rho}\ 12.07 \pm 0.58\,s^{-1}\,|\,\omega_1\ 300\,Hz\,|\,\Omega_{eff}\ -450\,Hz\,|\,\overline{\chi}^2 = 0.39$
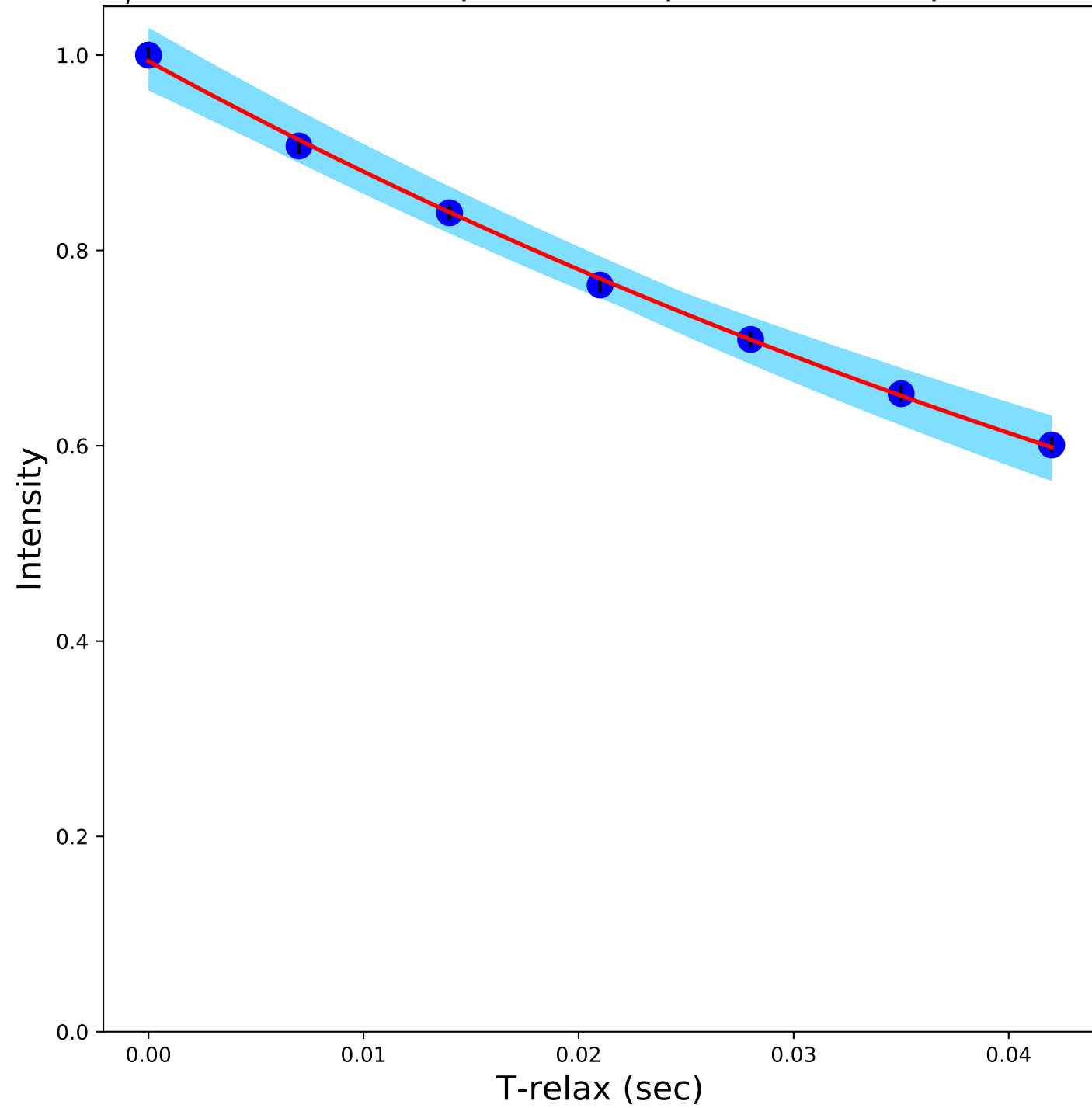
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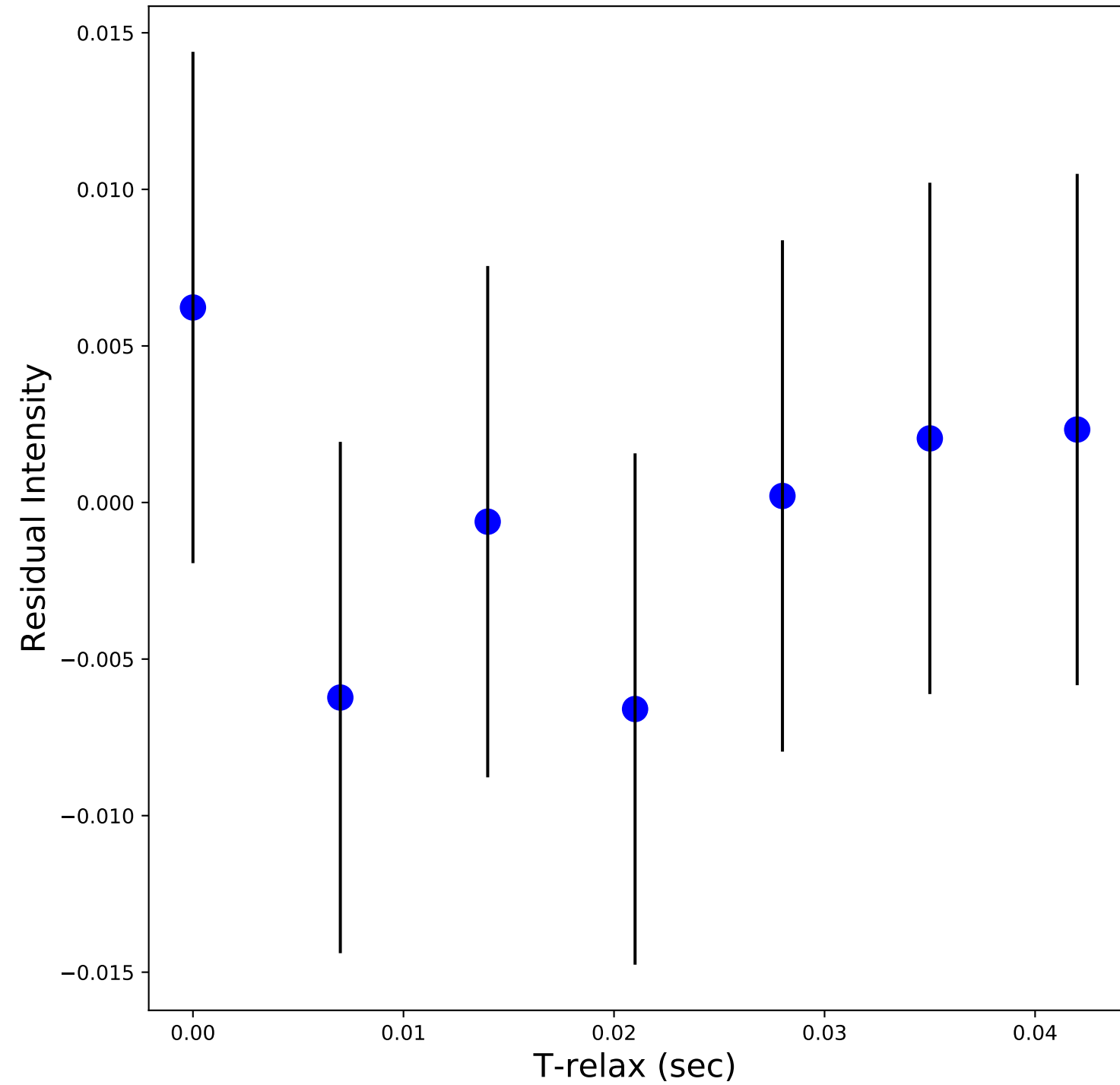
$R_{1\rho}\, 11.36 \pm 0.55\, s^{-1} \,|\, \omega_1\, 300\, Hz \,|\, \Omega_{eff}\, -500\, Hz \,|\, \overline{\chi}^2 = 0.84$
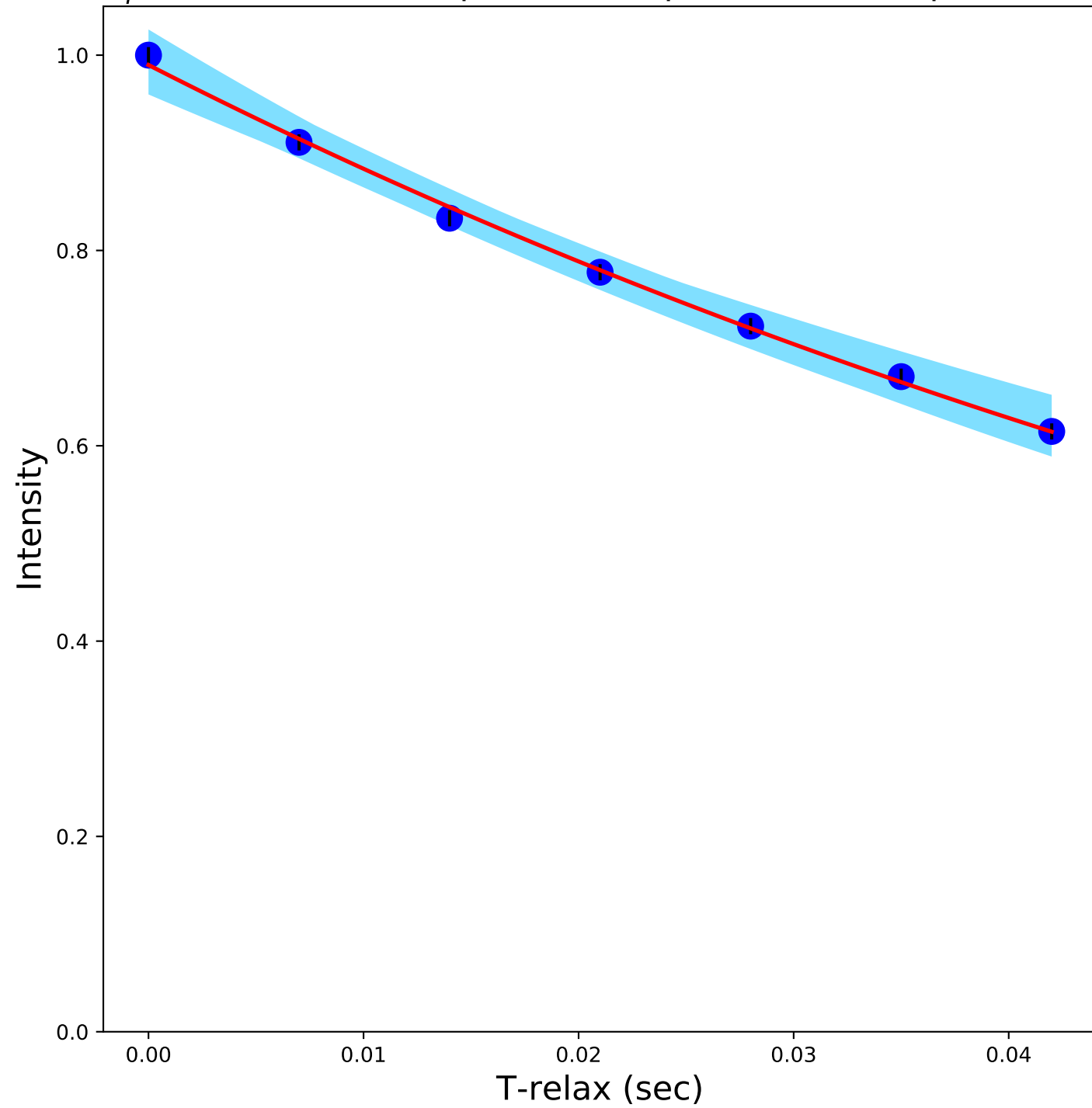
Folder (1503)
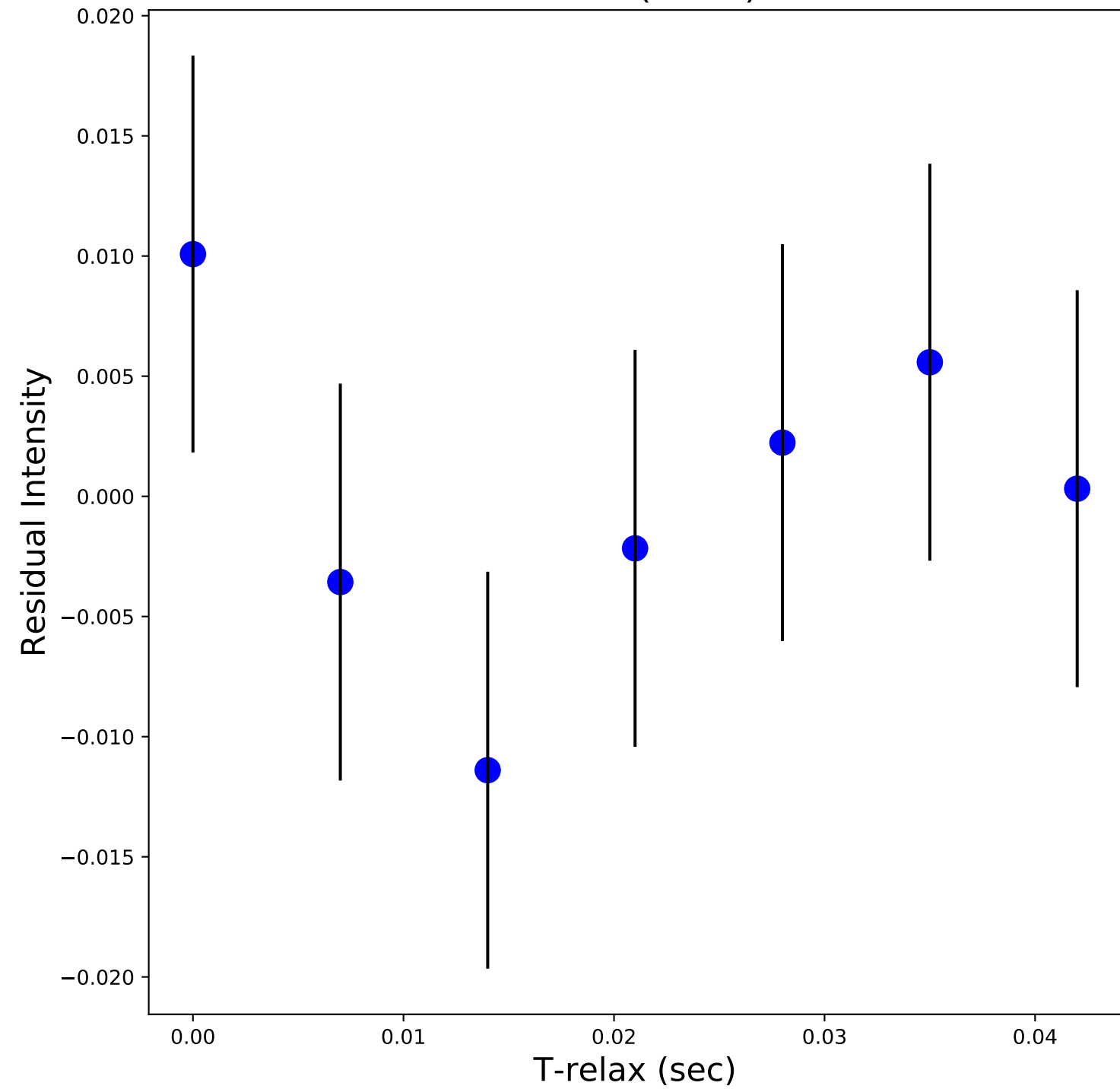
$R_{1\rho}\ 10.83 \pm 0.48\,s^{-1}\,|\,\omega_1\ 300\,Hz\,|\,\Omega_{eff}\ -520\,Hz\,|\,\overline{\chi}^2 = 0.51$
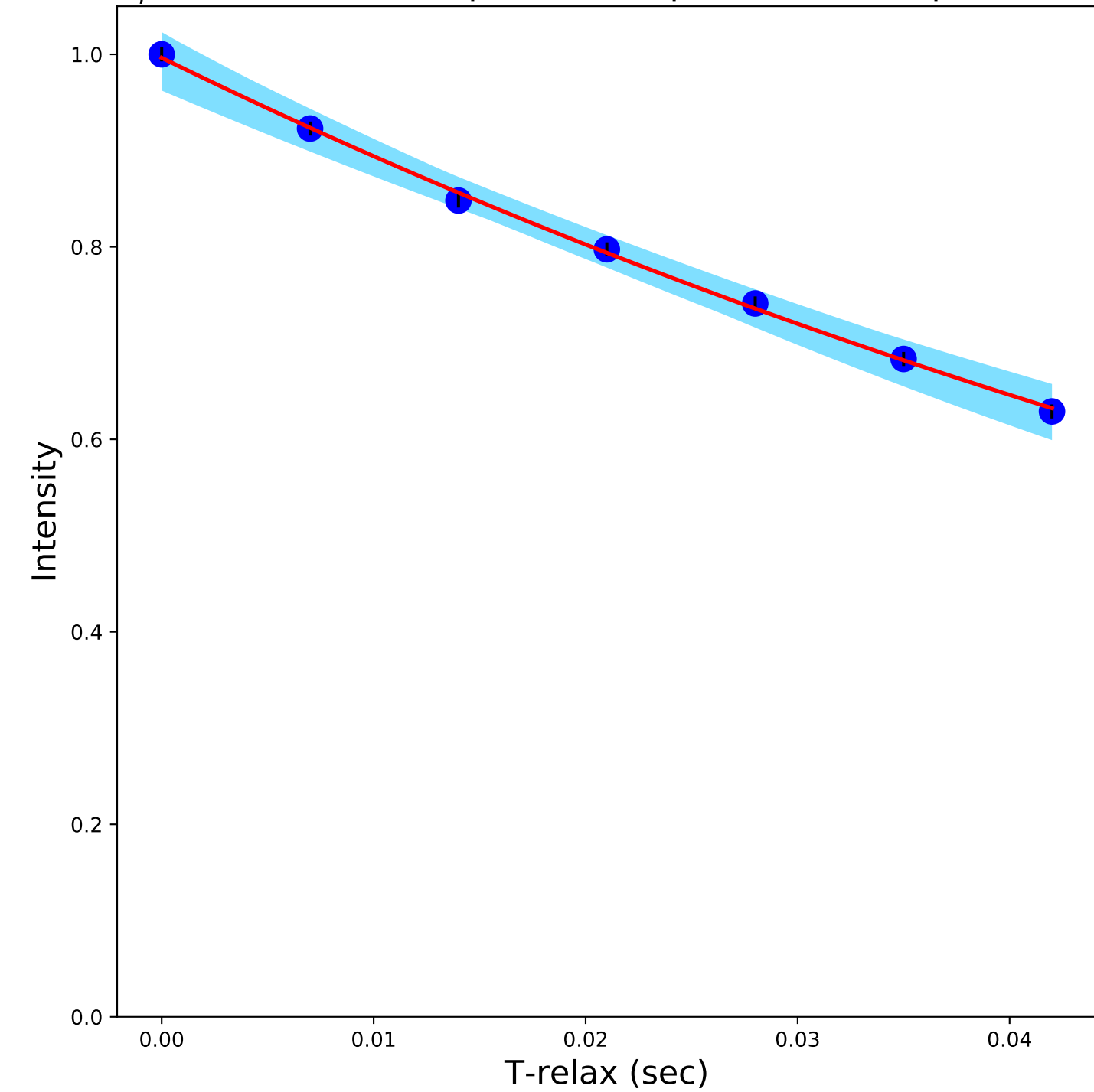
Folder (1504)
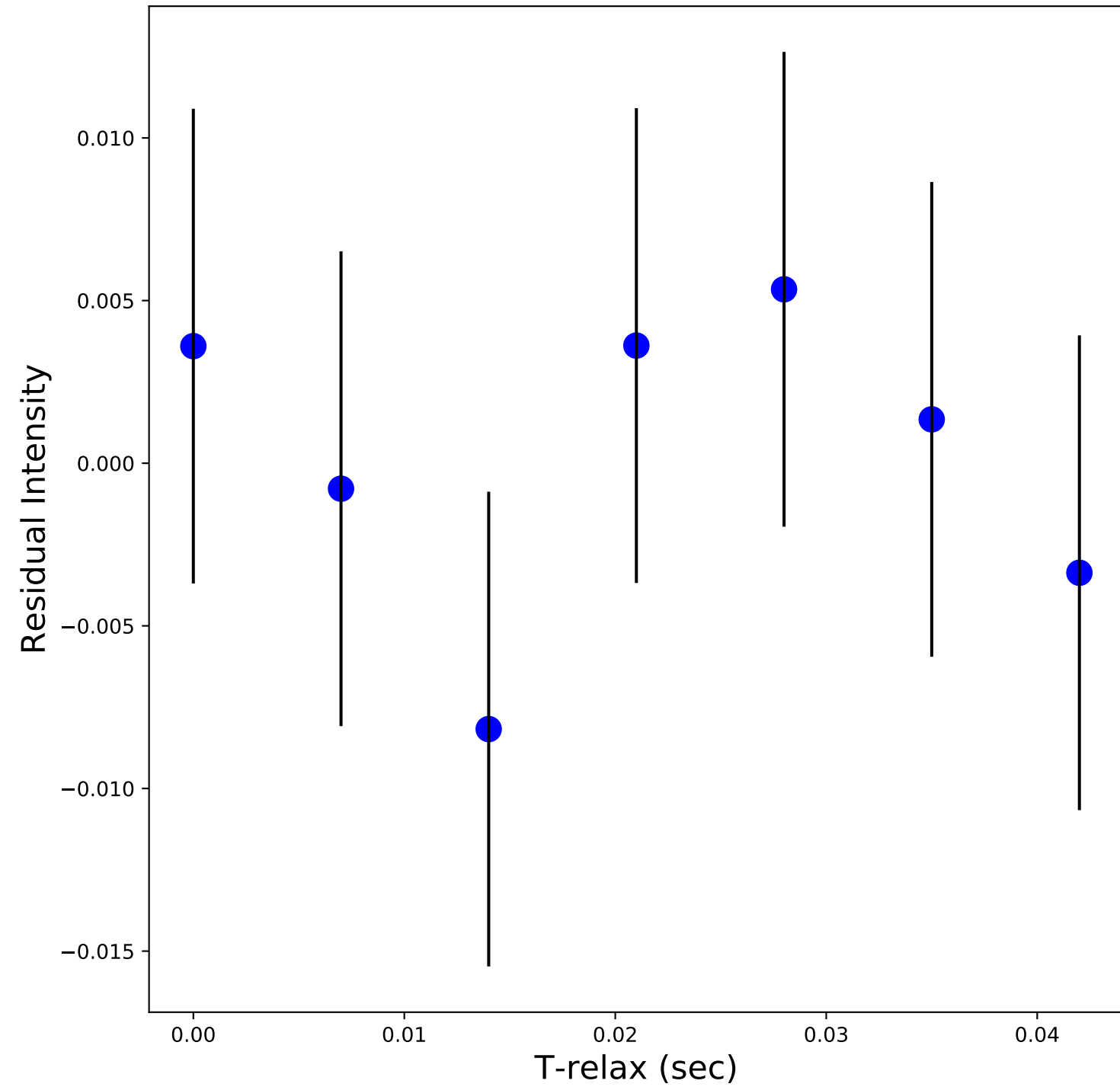
$R_{1\rho}$ $10.71 \pm 0.41\,s^{-1}$ | ω_1 $300\,Hz$ | Ω_{eff} $-540\,Hz$ | $\overline{\chi}^2 = 0.47$
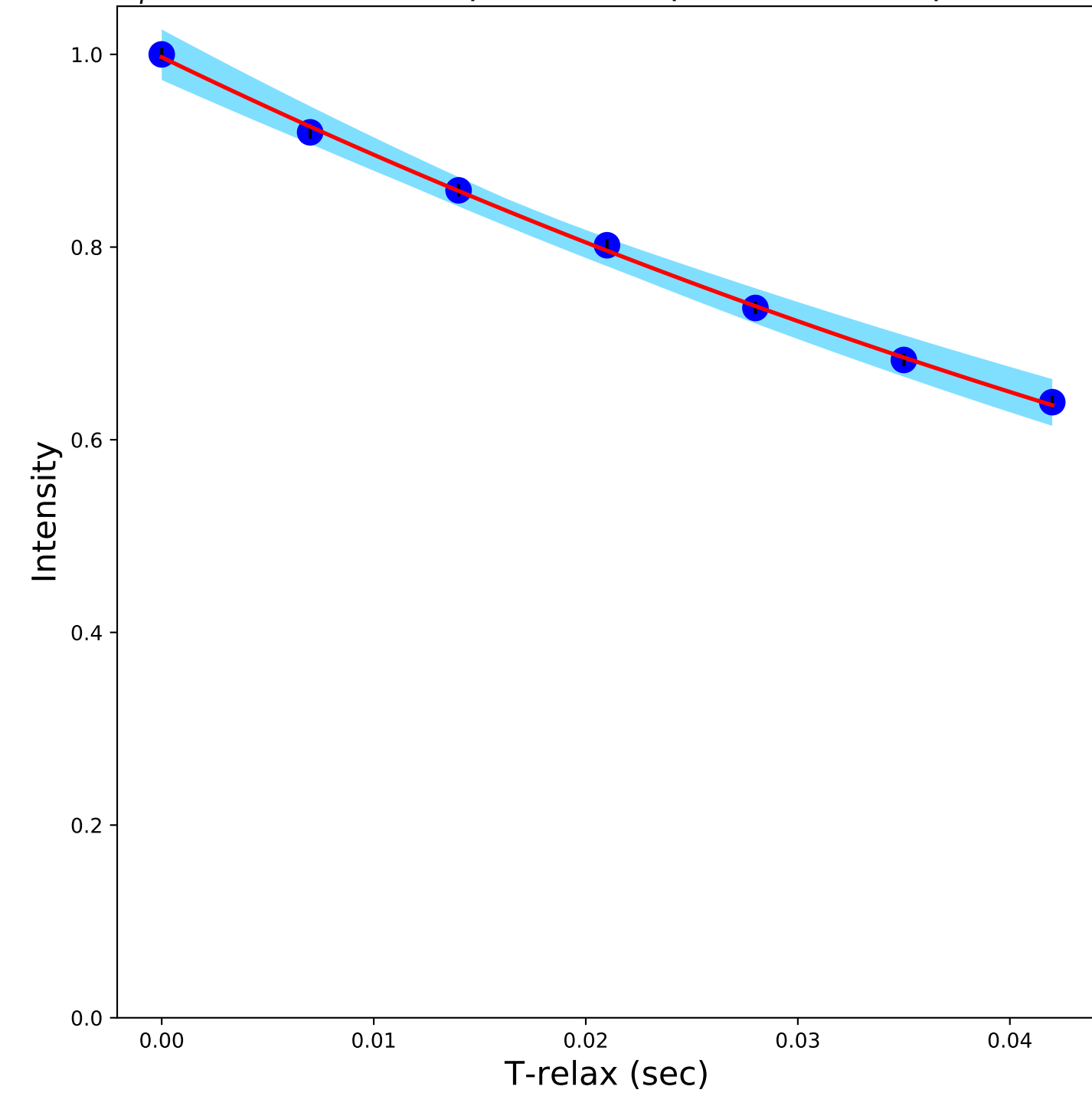
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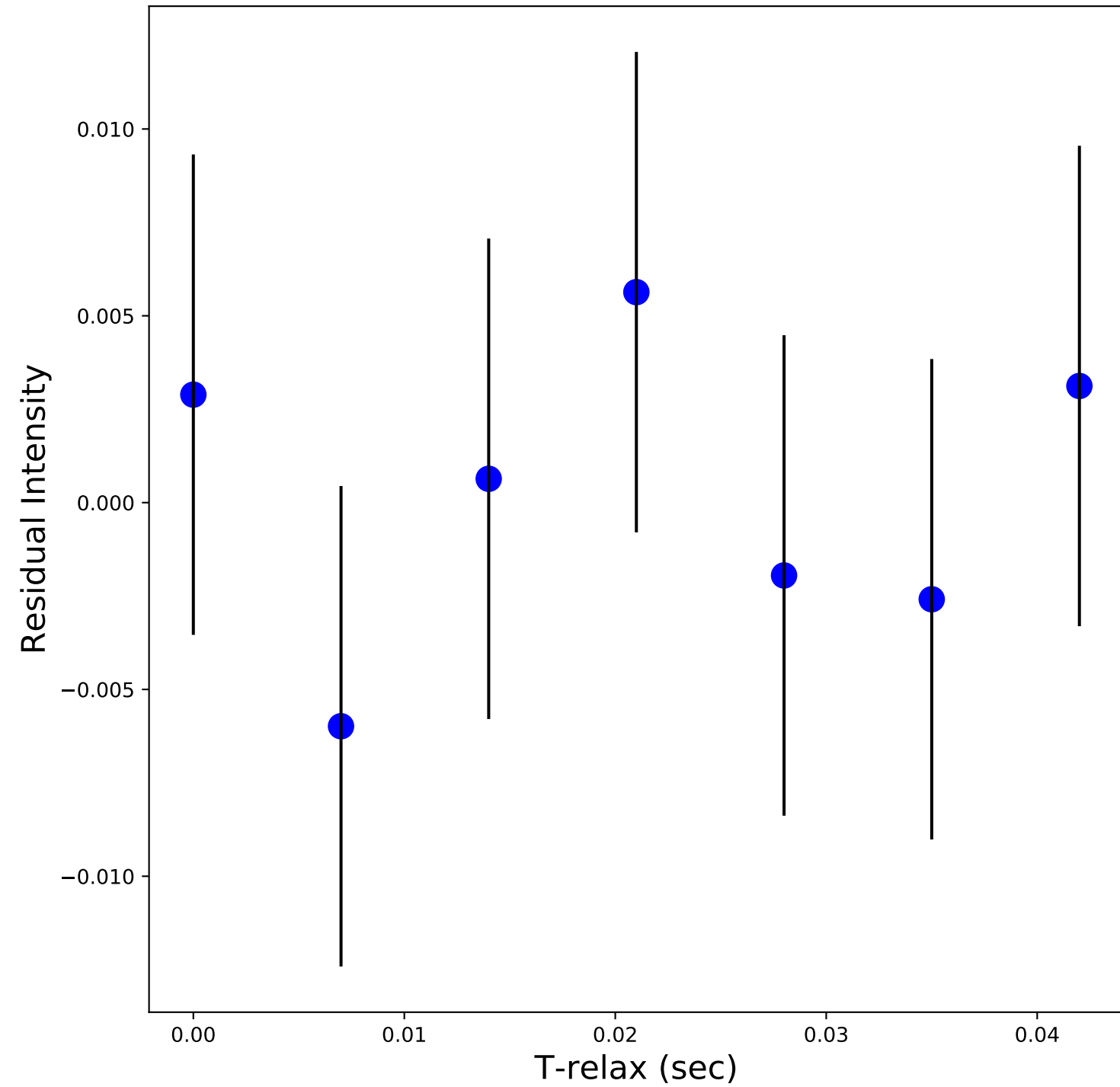
$R_{1\rho} \, 9.92 \pm 0.46 \, s^{-1} \, | \, \omega_1 \, 300 \, Hz \, | \, \Omega_{eff} - 560 \, Hz \, | \, \overline{\chi}^2 = 0.17$
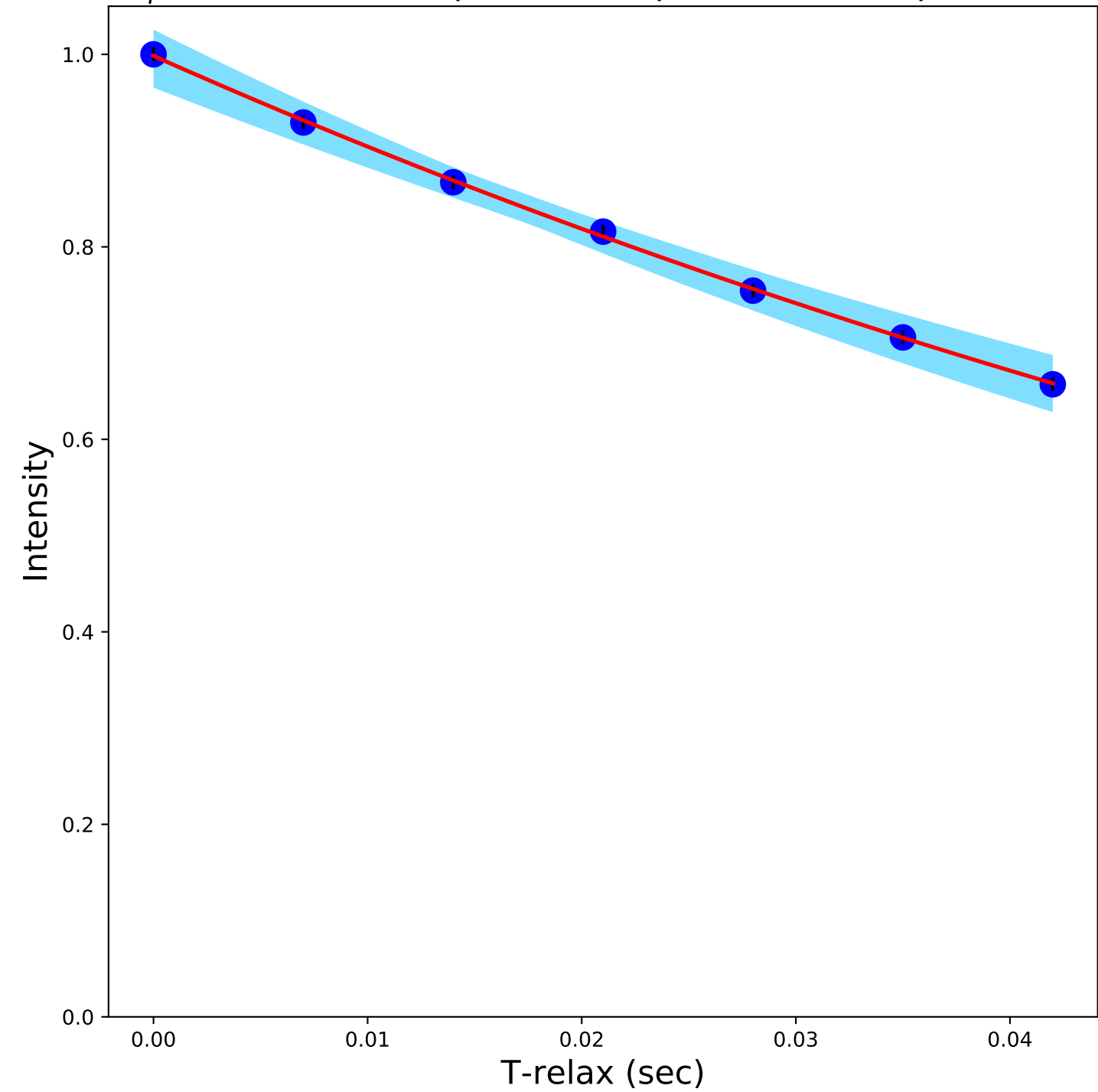
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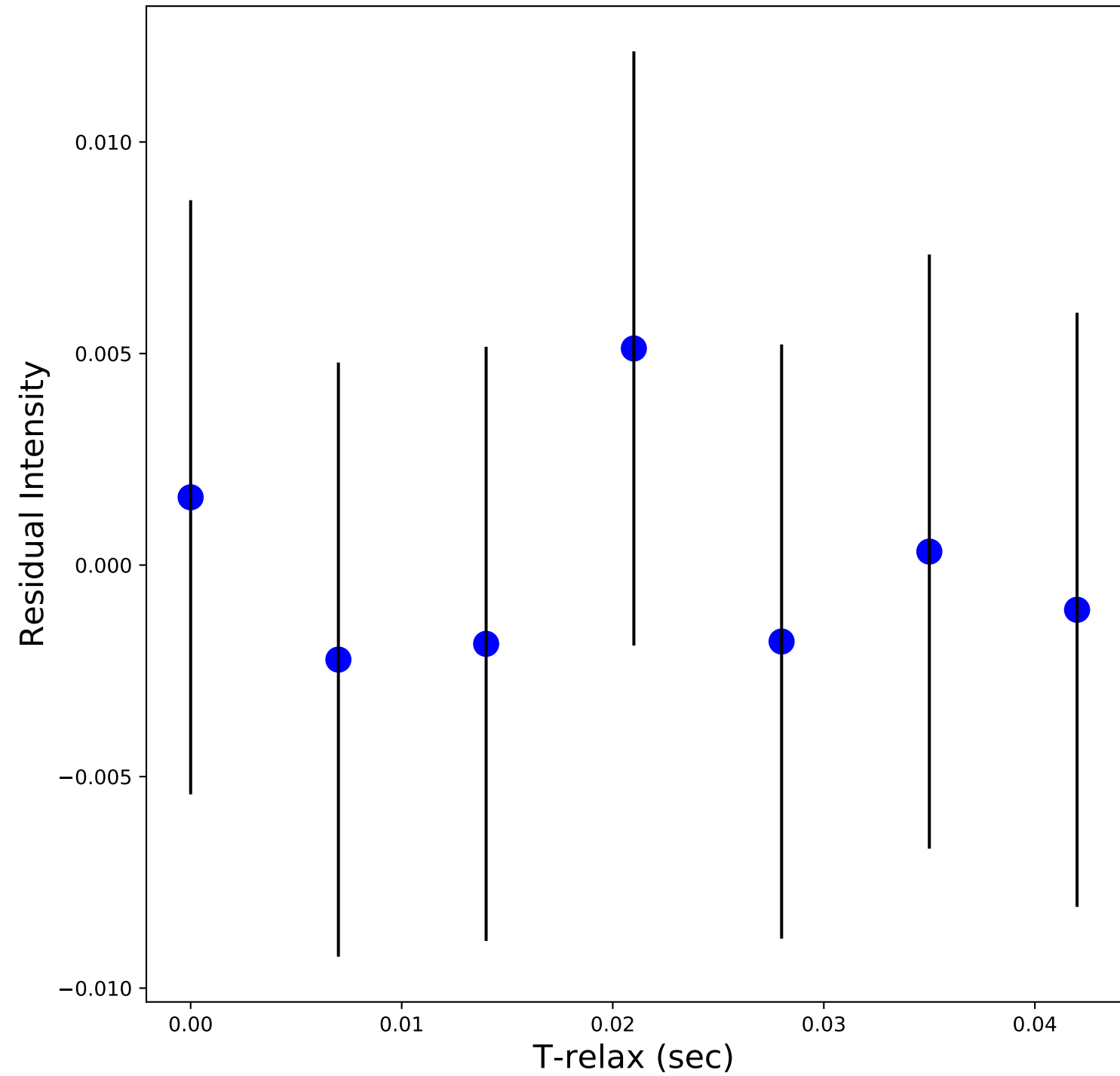
$R_{1\rho}\,9.68 \pm 0.45\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff}\,-580\,Hz\,|\,\overline{\chi}^2 = 0.63$
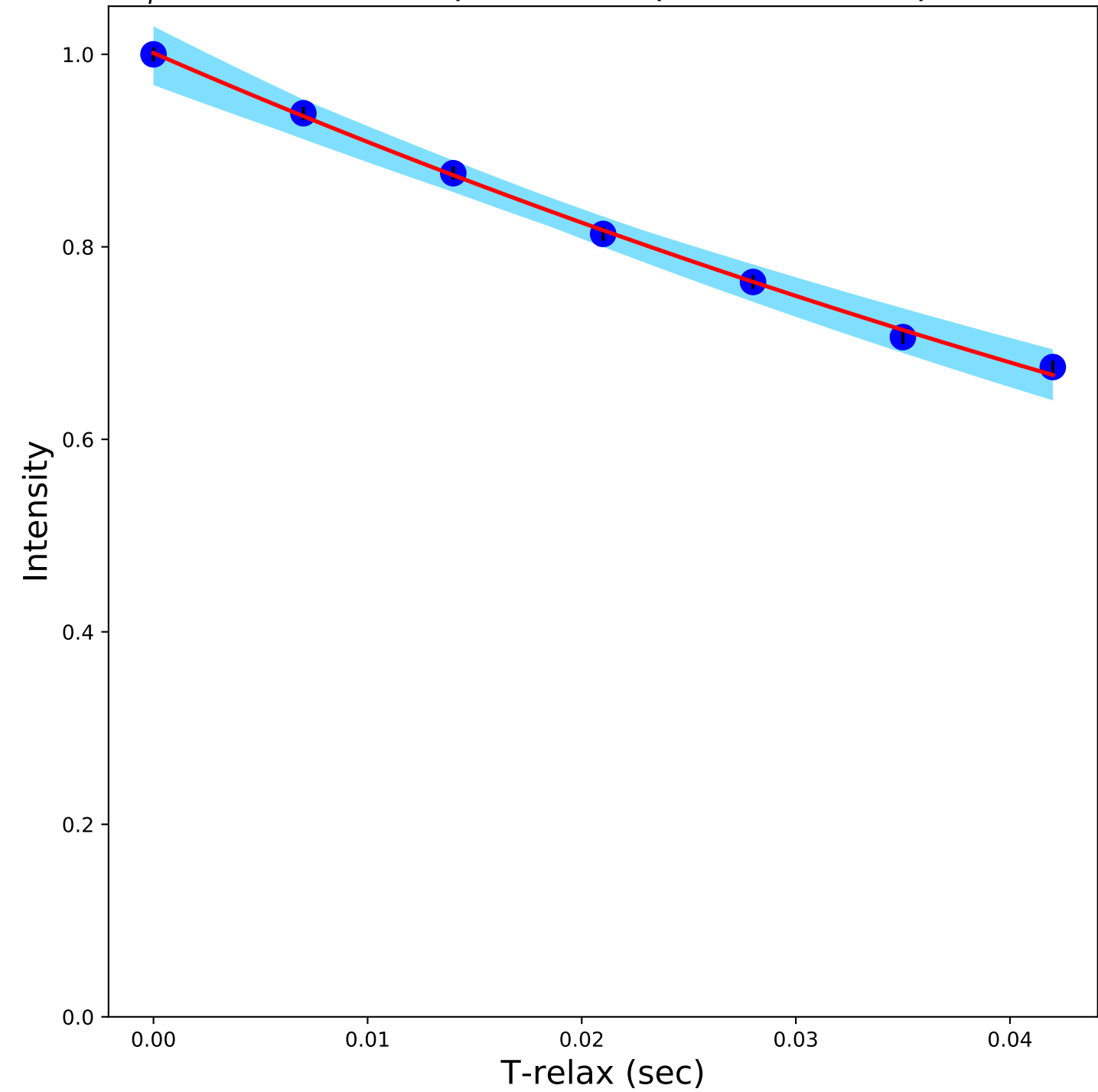
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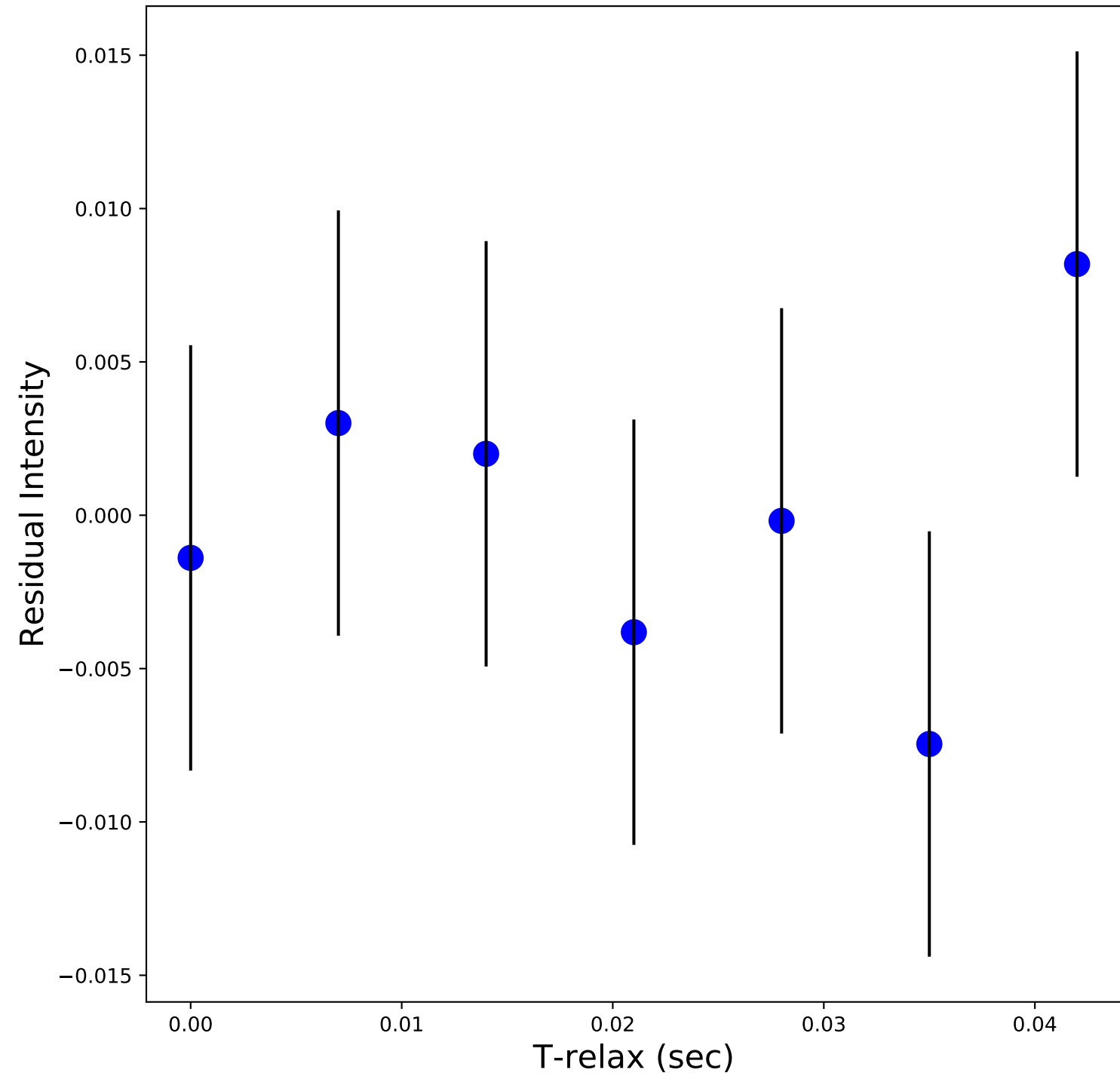
$R_{1\rho}\,9.41 \pm 0.48\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff}-600\,Hz\,|\,\overline{\chi}^2 = 0.21$
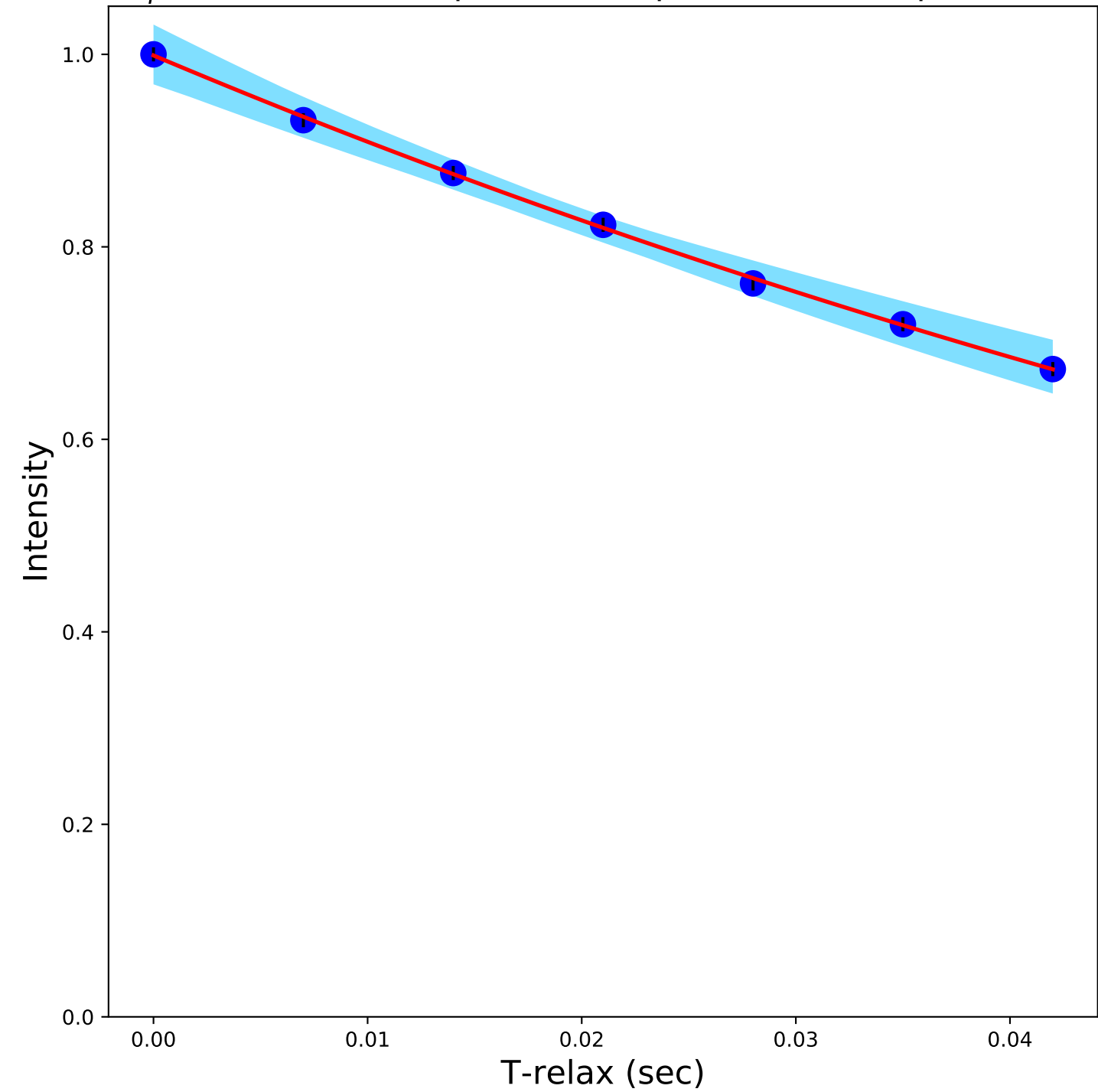
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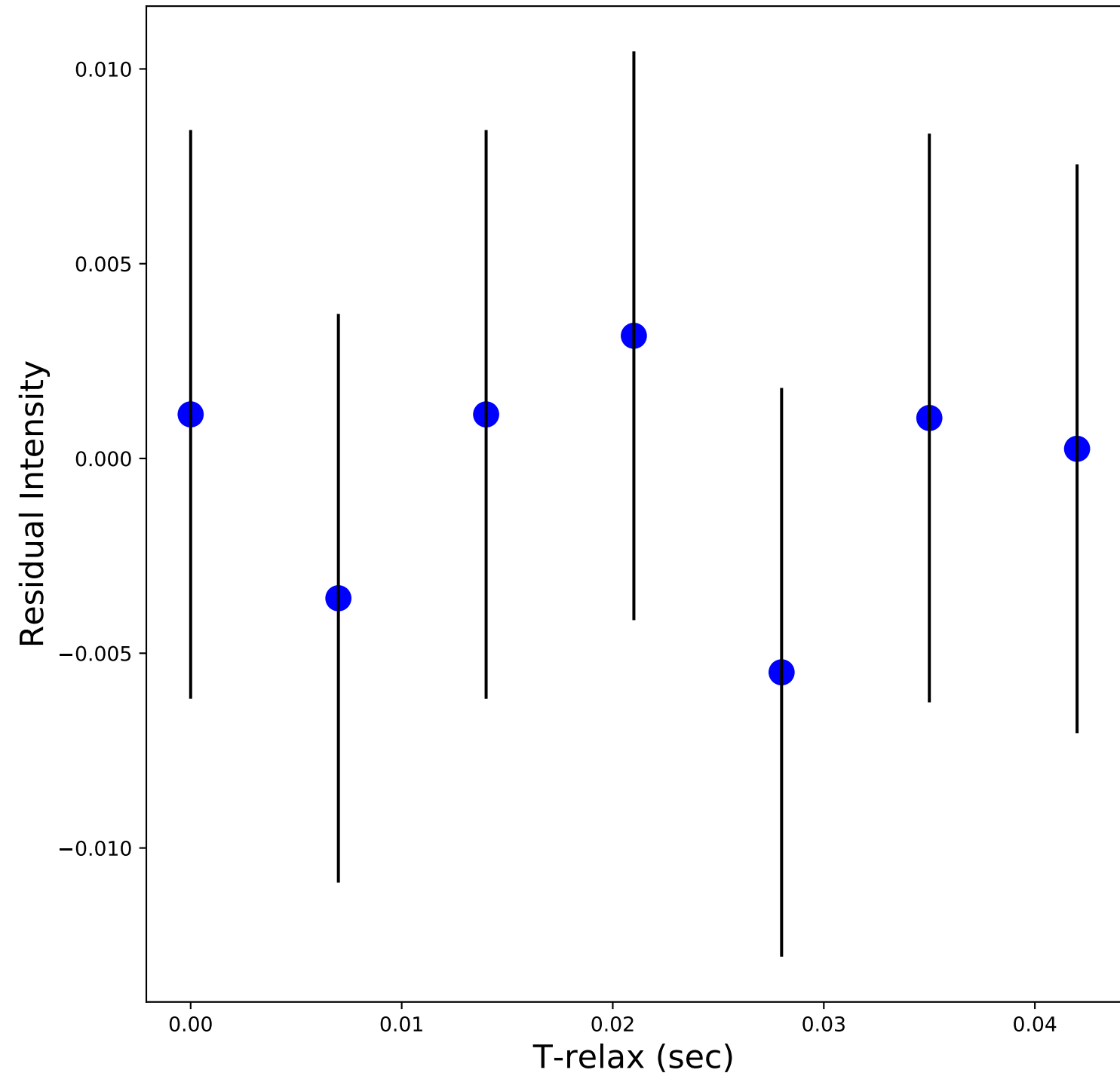
$R_{1\rho}\, 8.91 \pm 0.42\, s^{-1} \mid \omega_1\, 300\, Hz \mid \Omega_{eff} - 620\, Hz \mid \overline{\chi}^2 = 0.69$
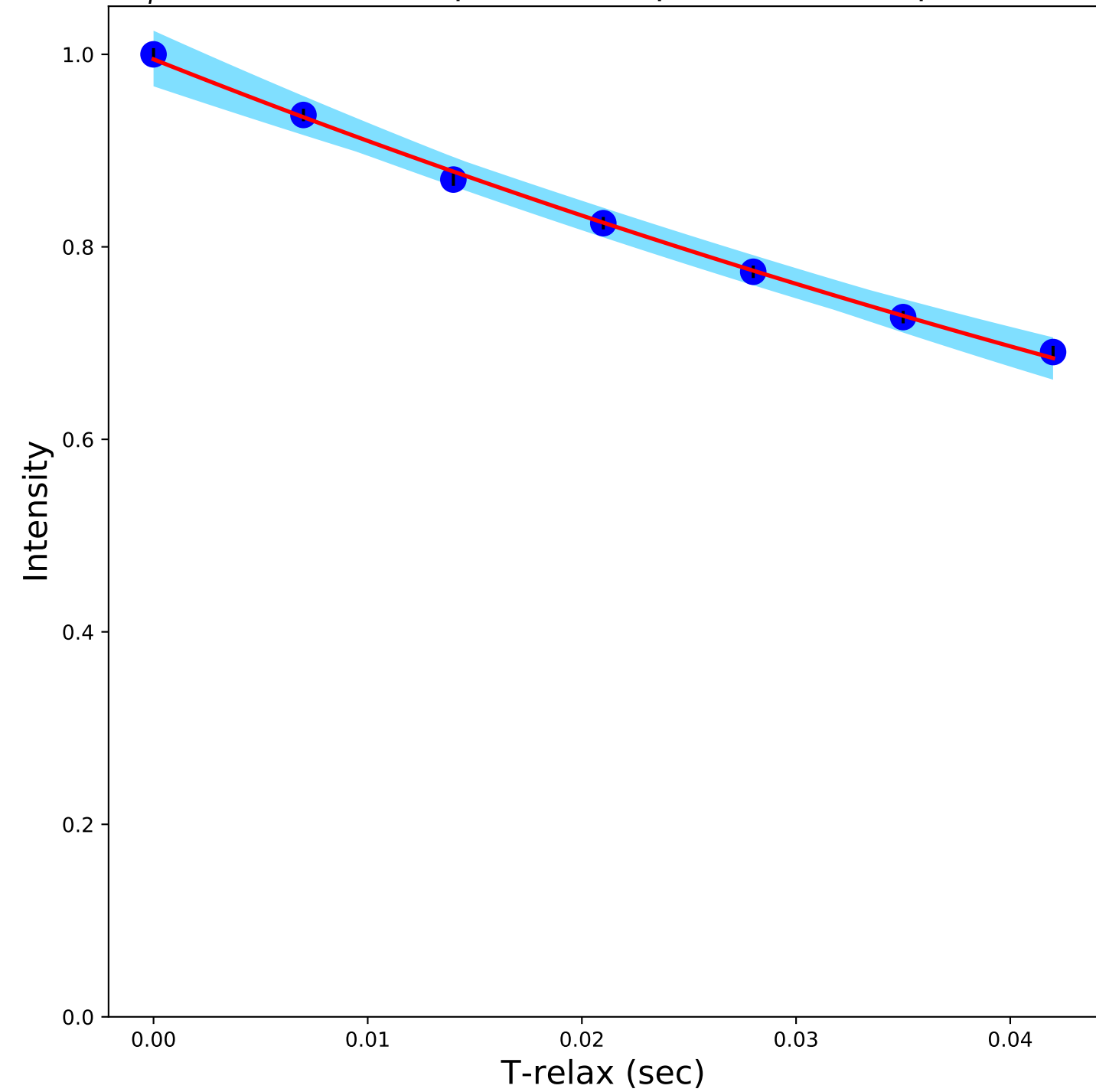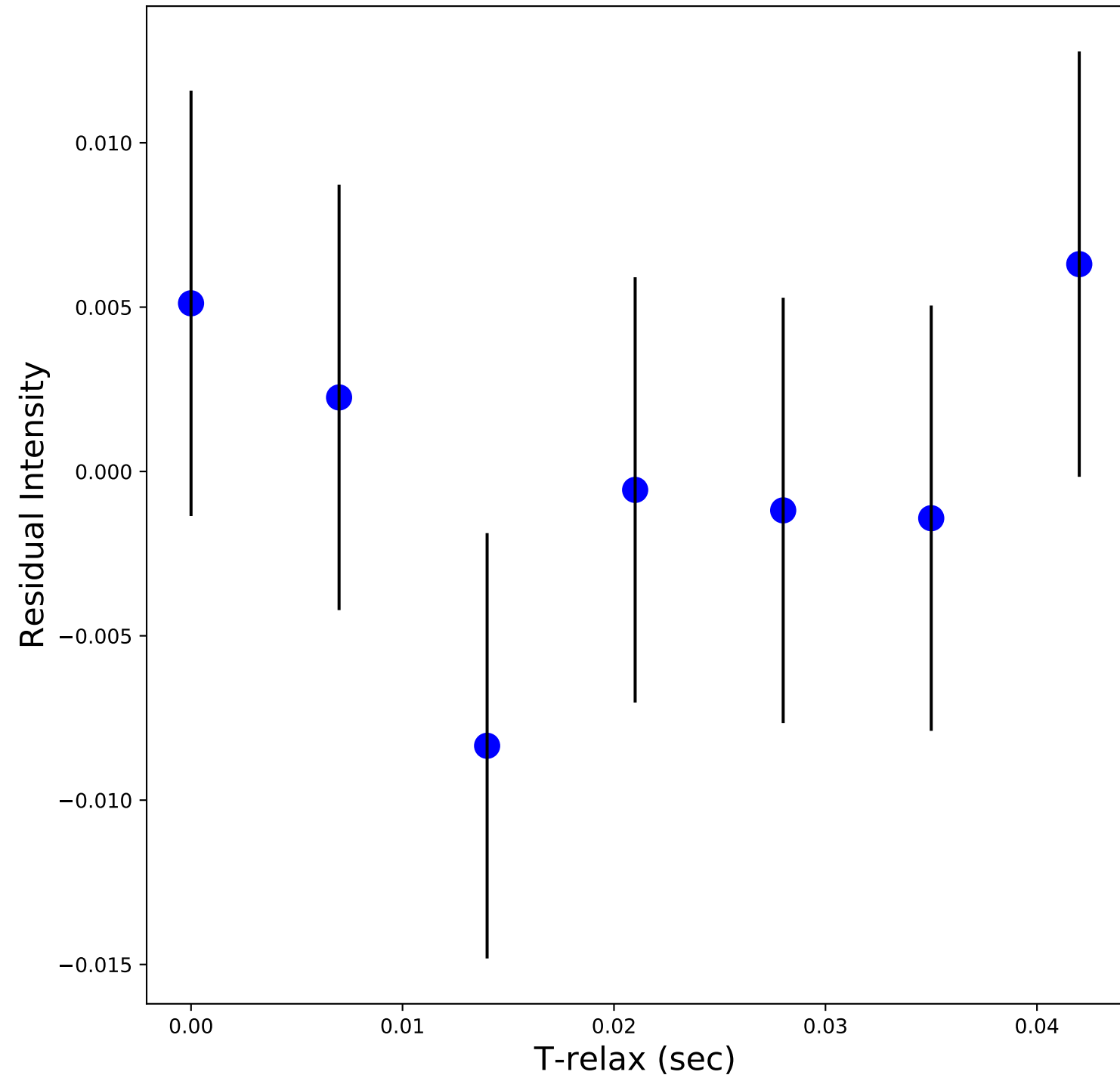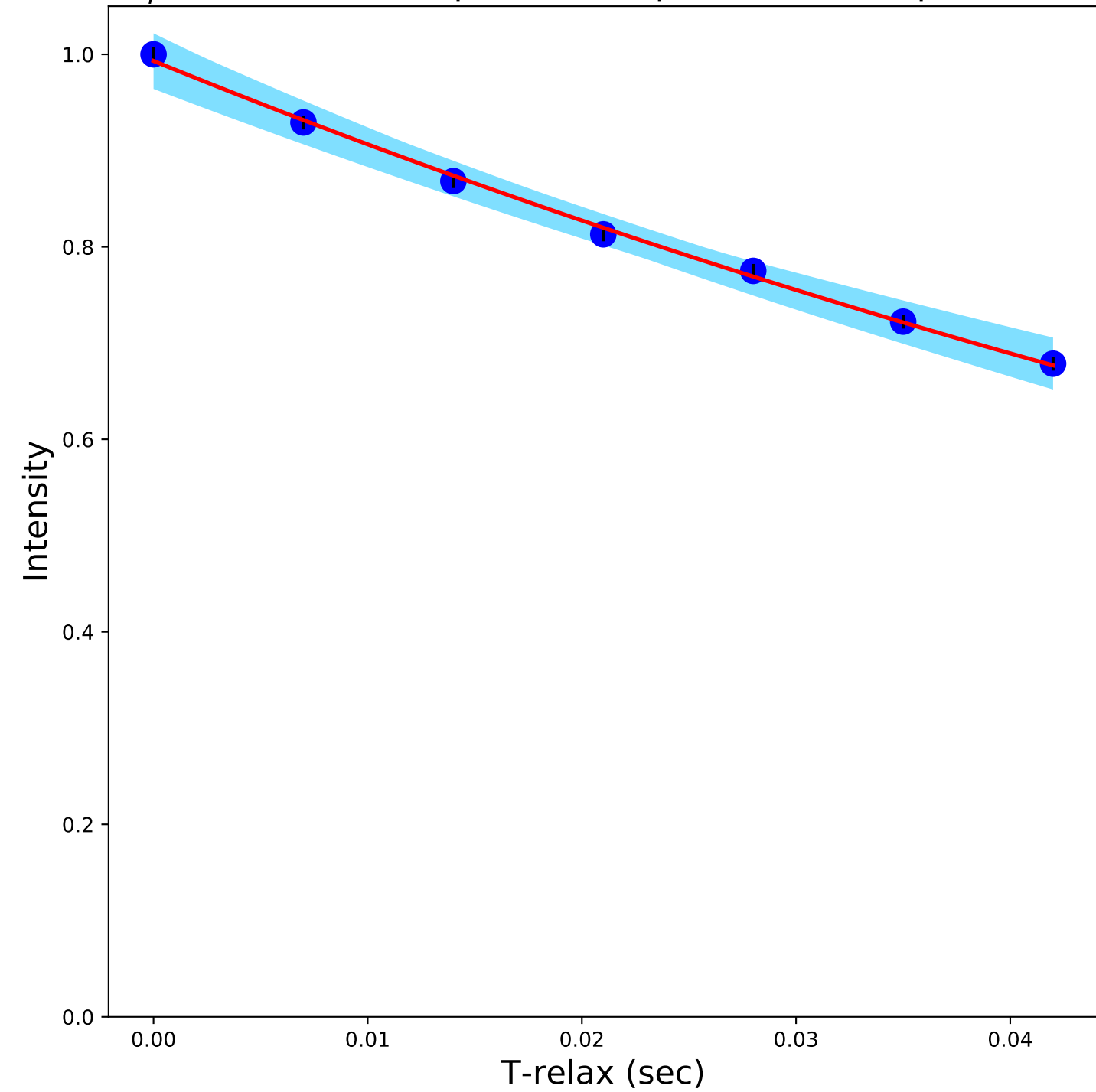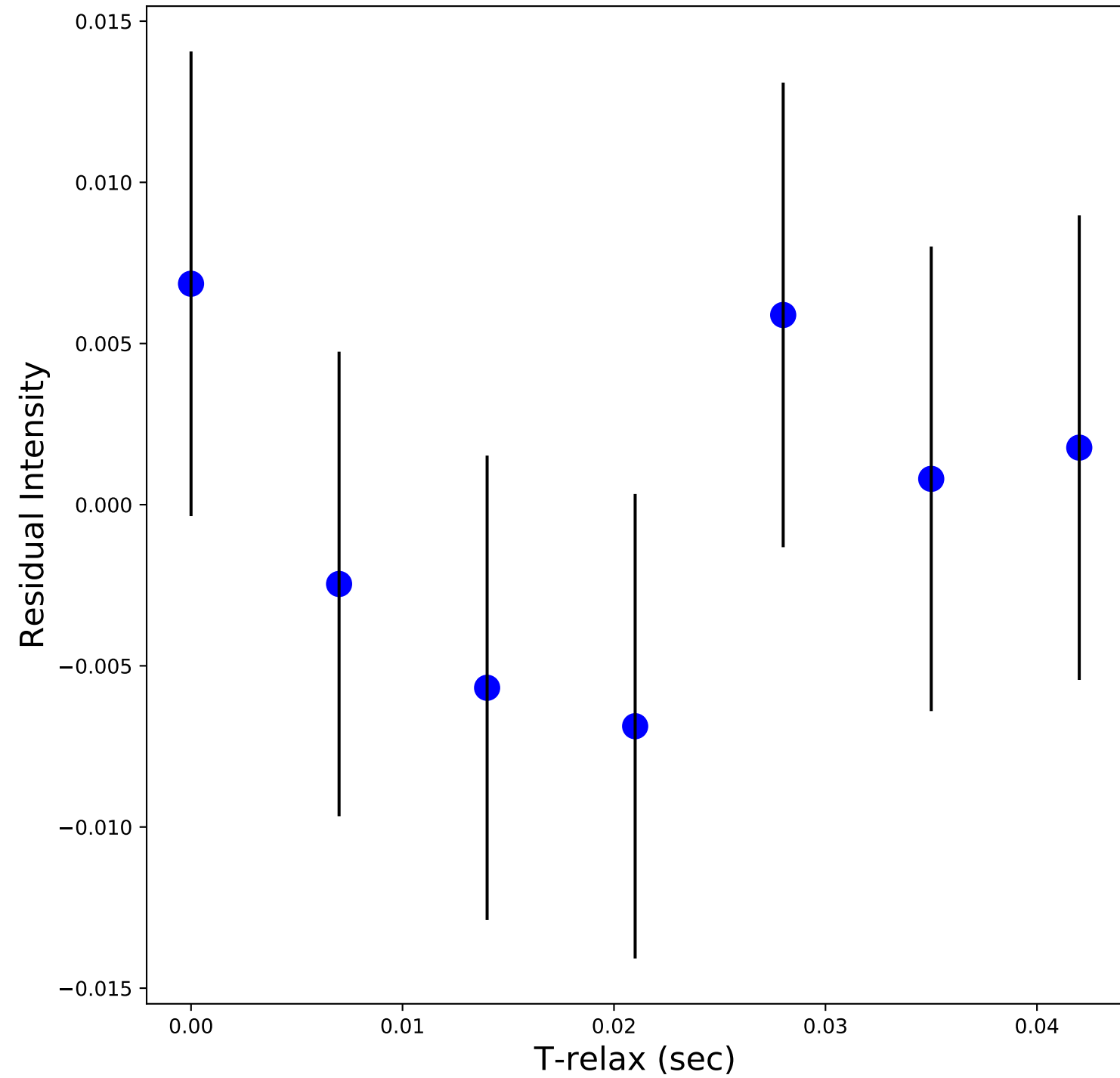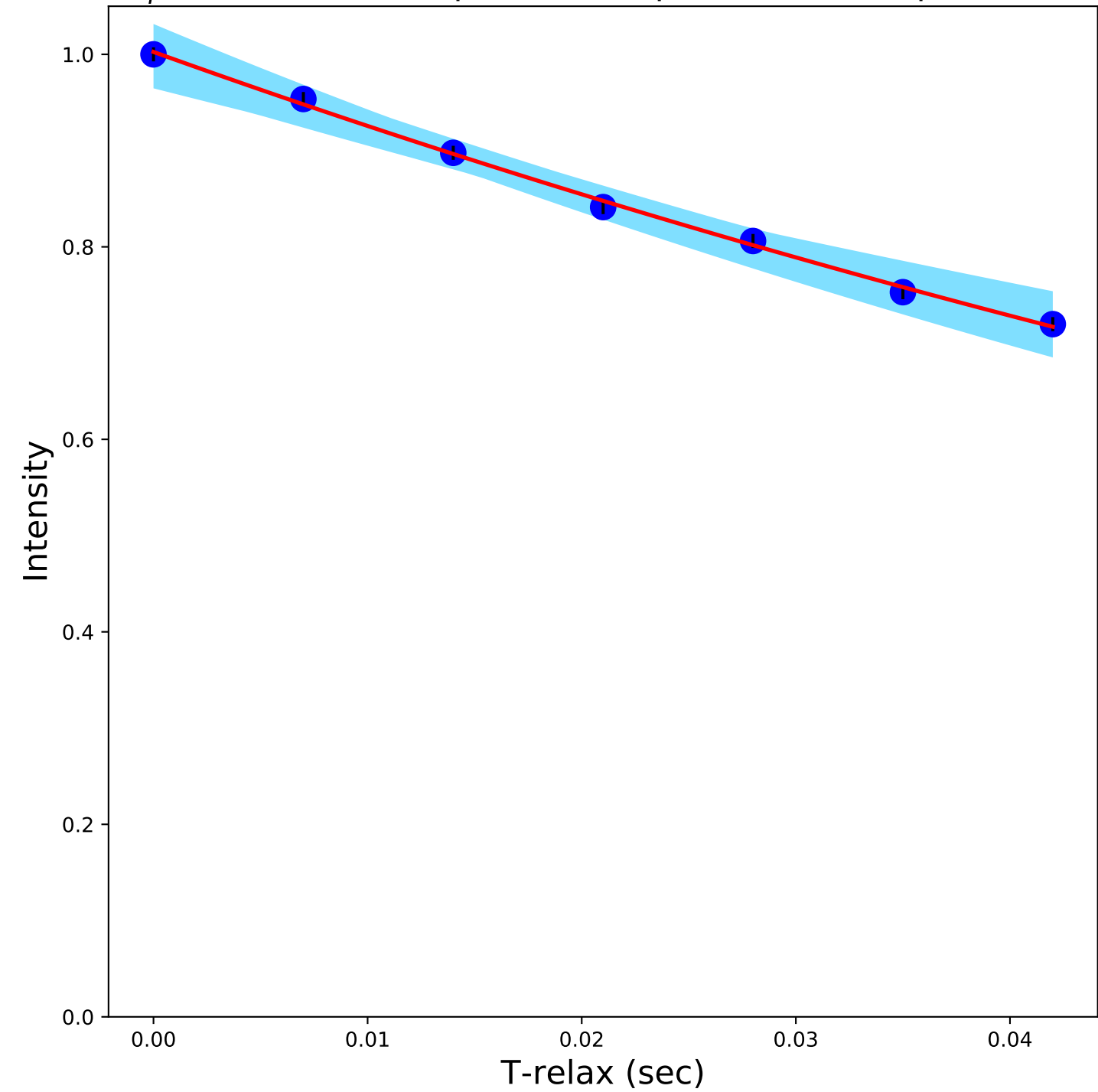
Folder (1509)

$R_{1\rho}\,9.13 \pm 0.46\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff}-640\,Hz\,|\,\overline{\chi}^2 = 0.66$

Folder (1510)

$R_{1\rho}\,7.98 \pm 0.47\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff} - 660\,Hz\,|\,\overline{\chi}^2 = 0.51$

Folder (1511)
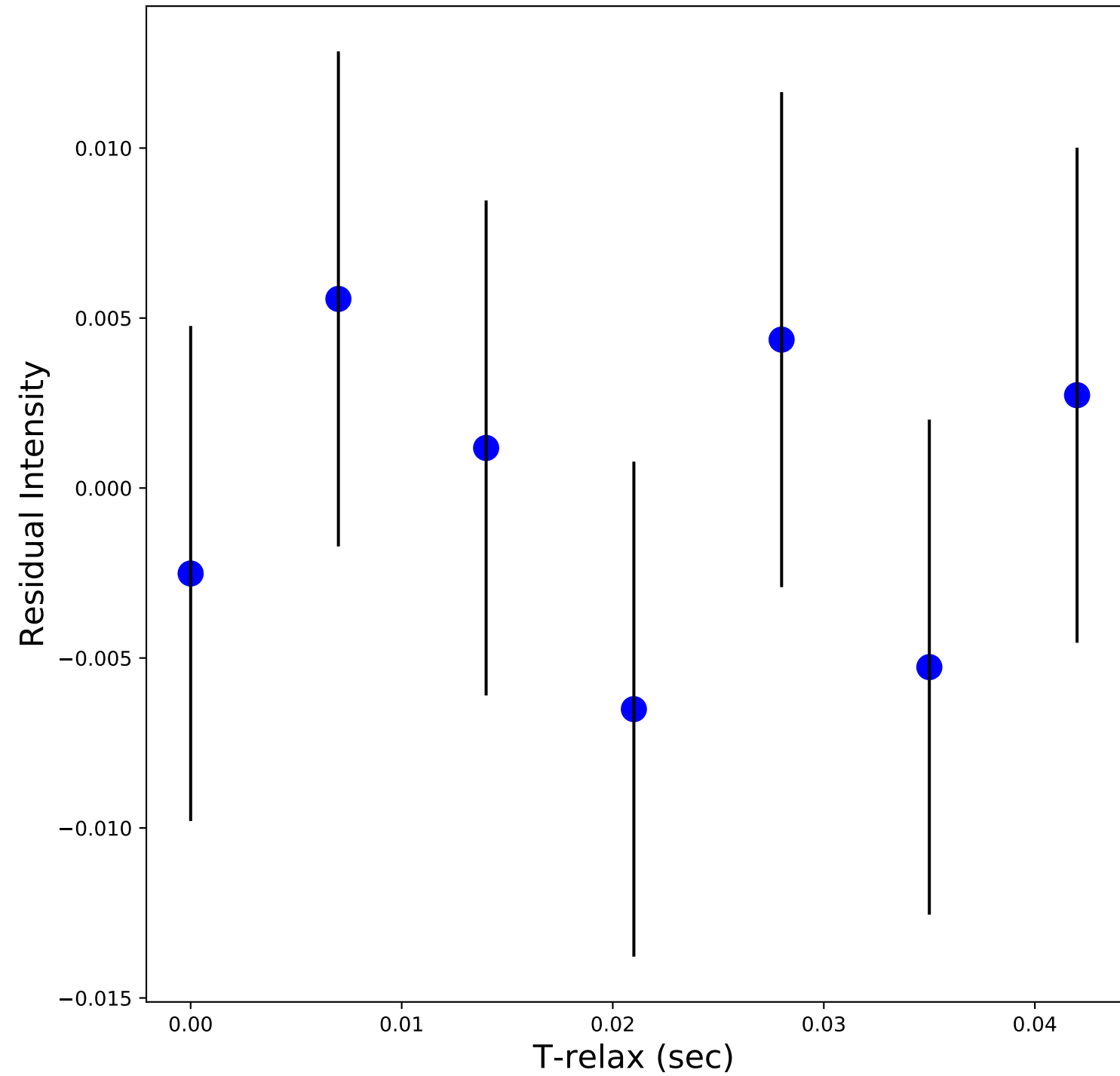
$R_{1\rho}\,7.81 \pm 0.48\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff} - 680\,Hz\,|\,\overline{\chi}^2 = 0.59$
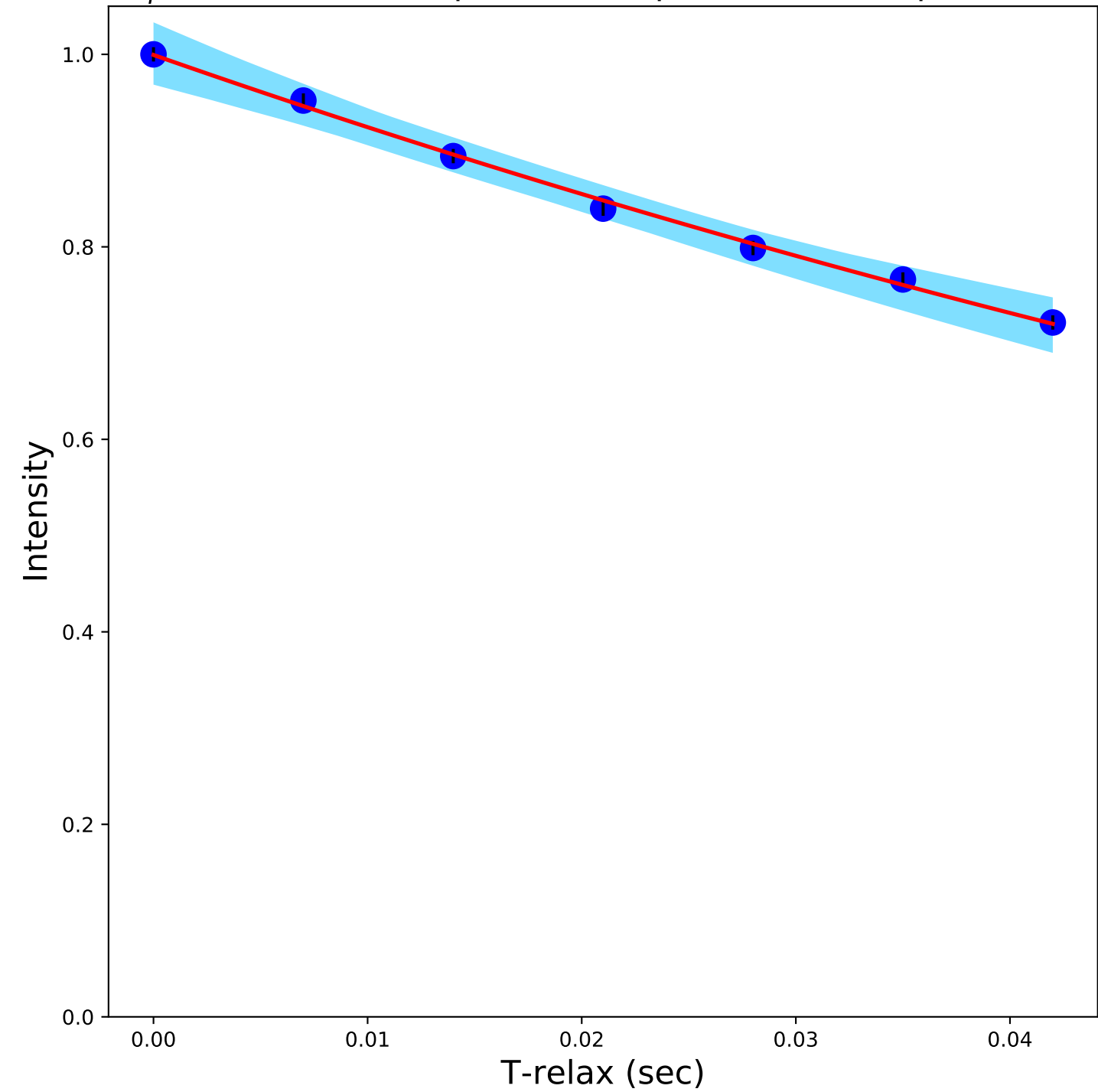
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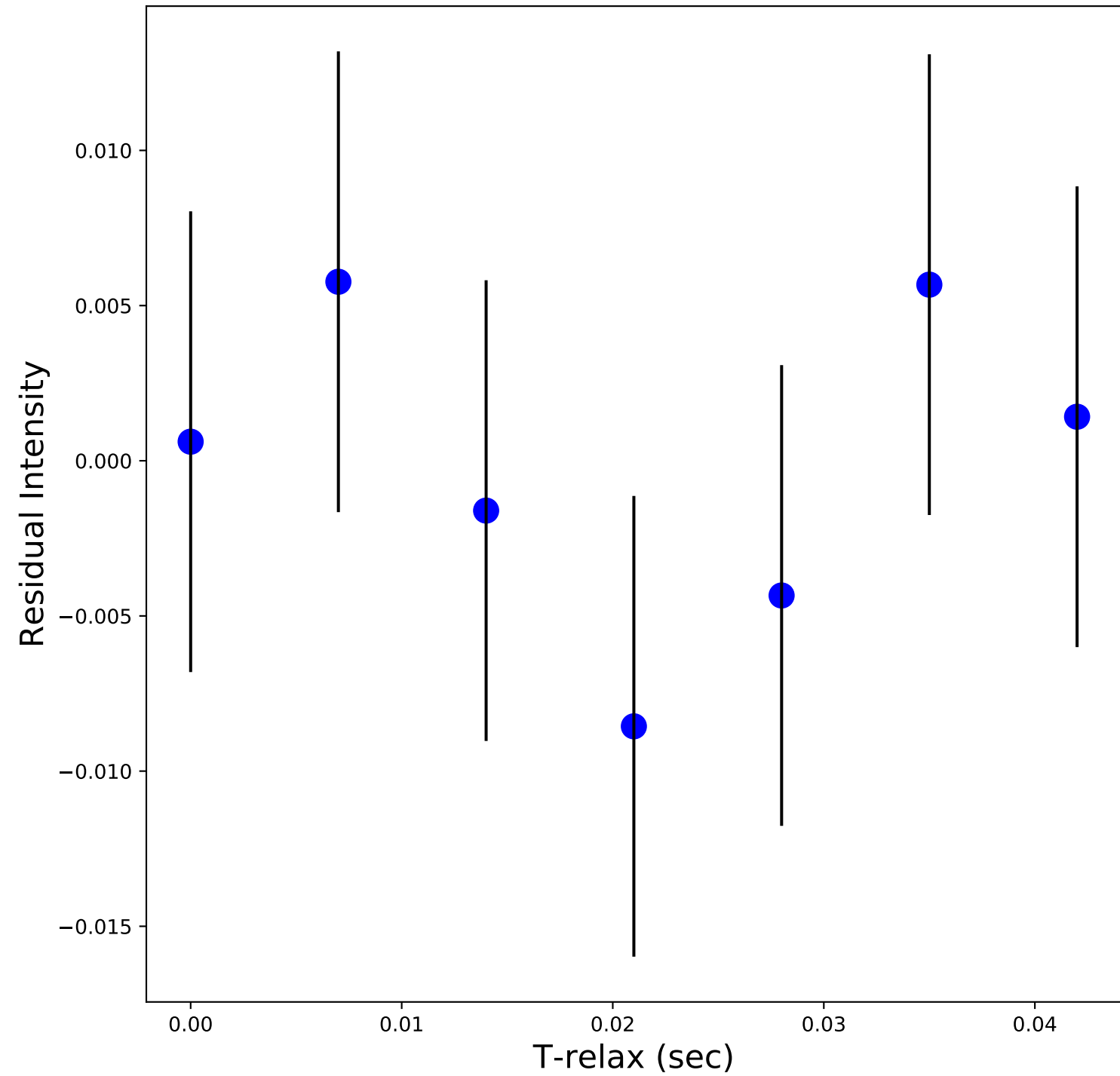
$R_{1\rho}\,7.48 \pm 0.52\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff}-700\,Hz\,|\,\overline{\chi}^2 = 0.7$
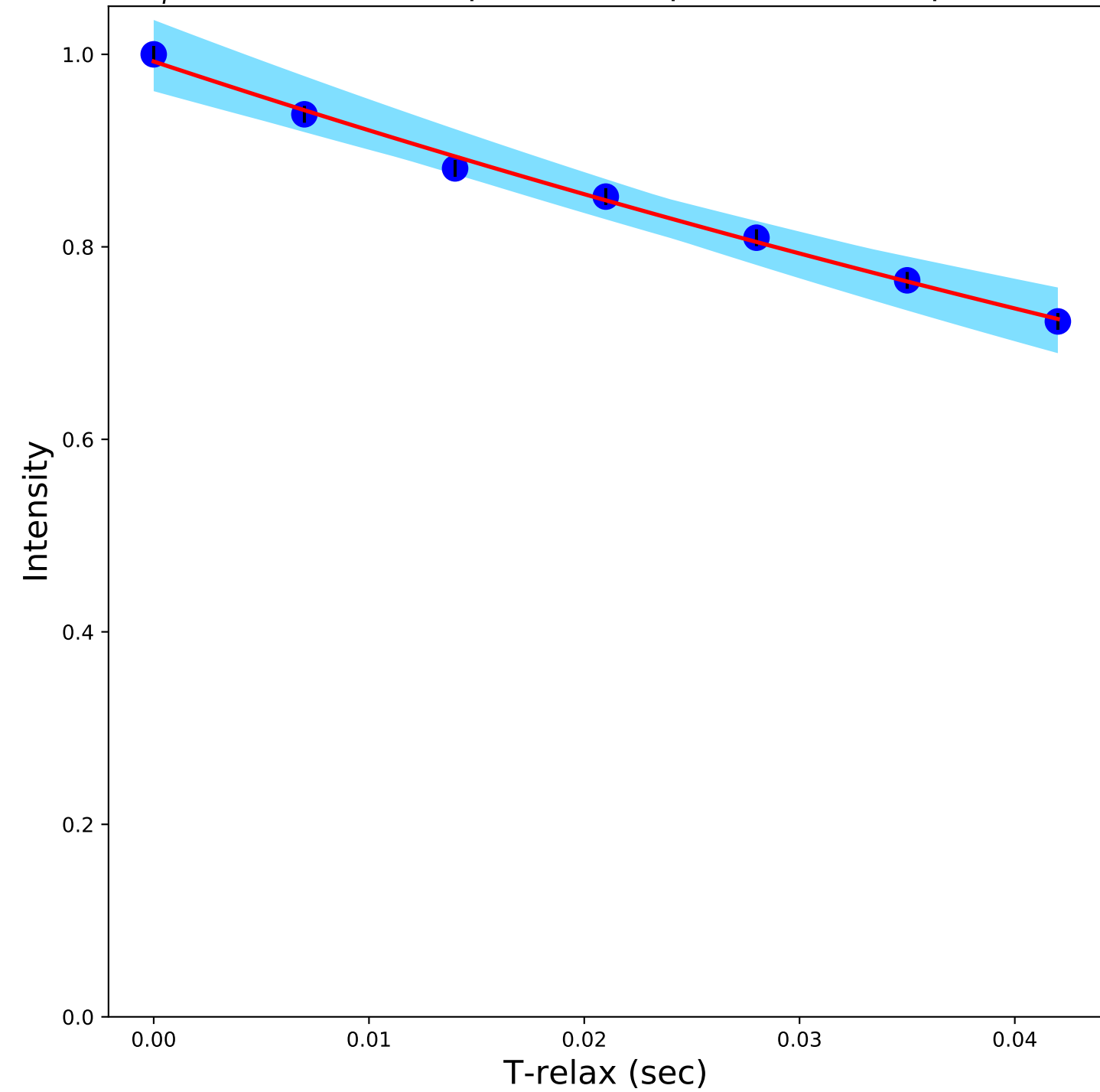
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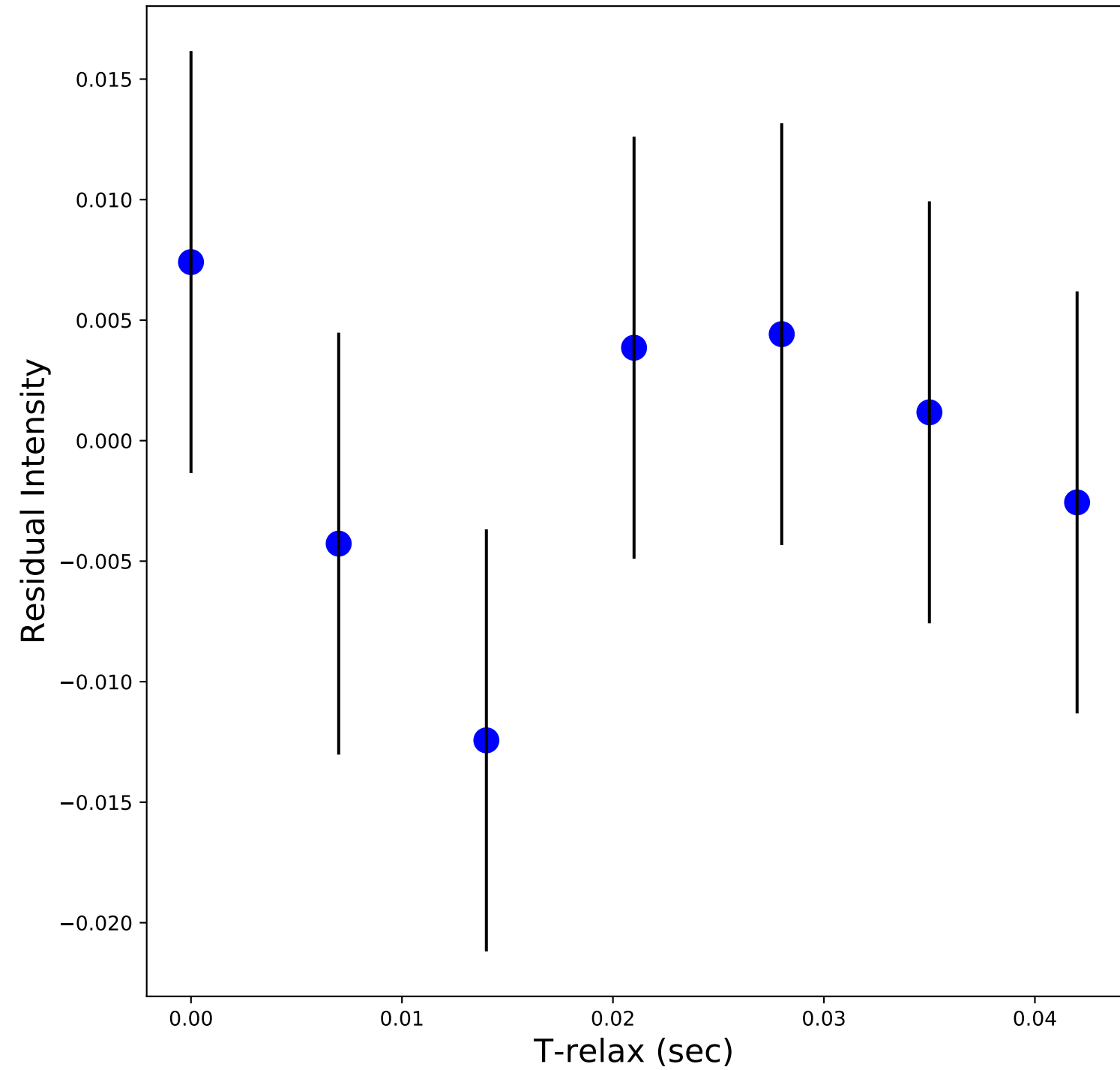
$R_{1\rho}\ 6.94 \pm 0.44\ s^{-1}\ |\ \omega_1\ 300\ Hz\ |\ \Omega_{eff}\ -750\ Hz\ |\ \overline{\chi}^2 = 0.56$
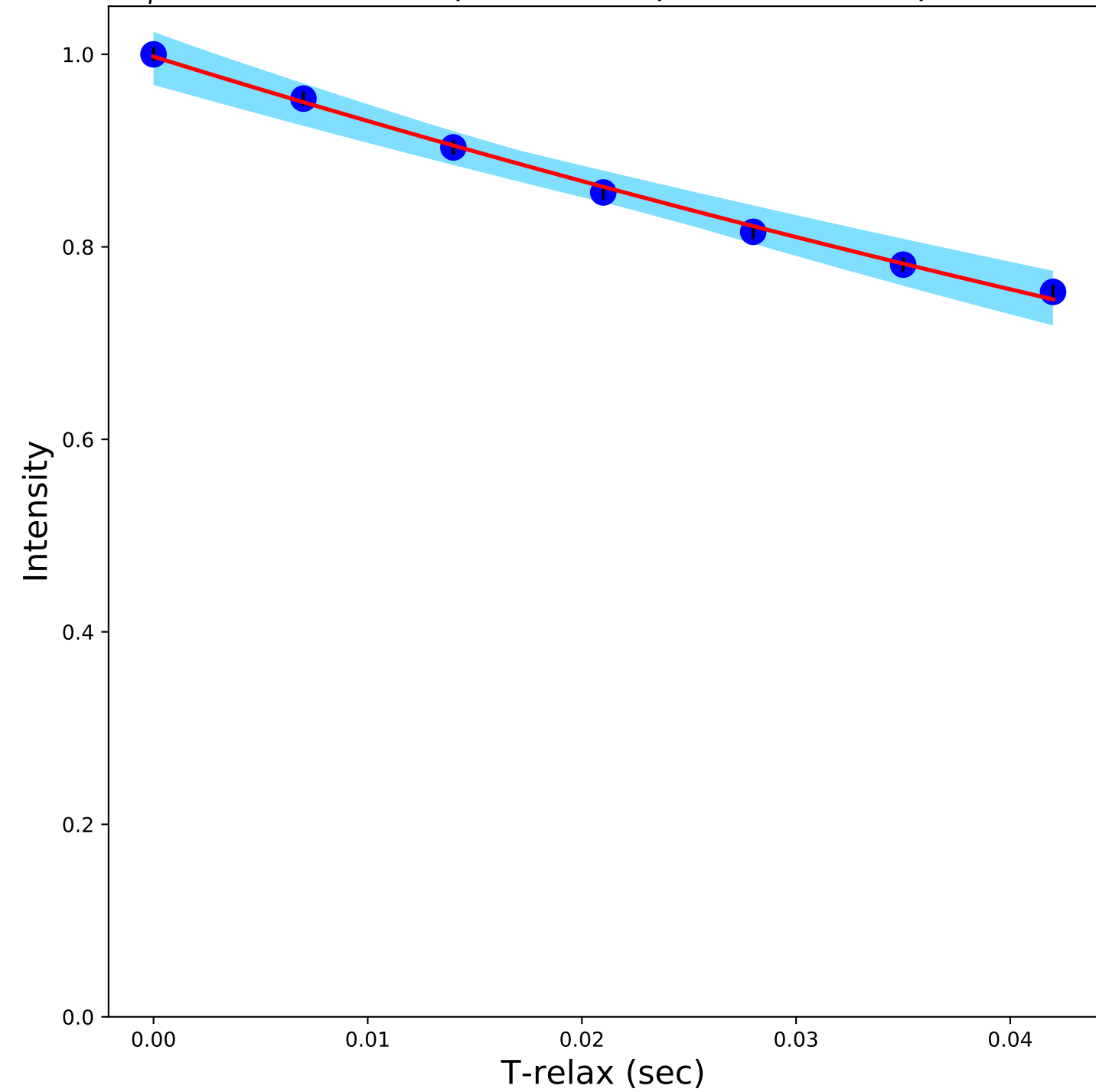
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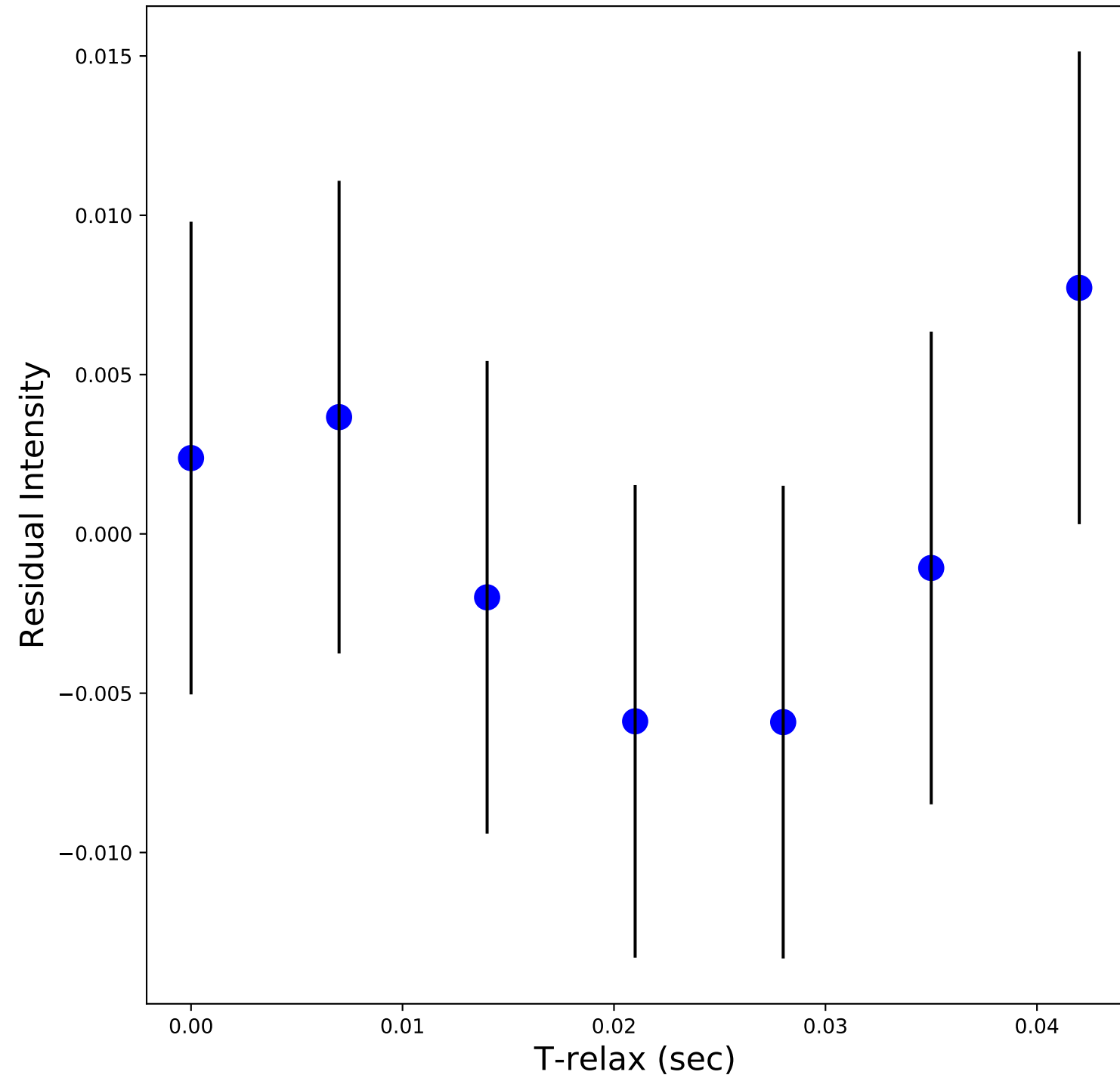
$R_{1\rho}\, 6.29 \pm 0.47\, s^{-1}\,|\,\omega_1\, 300\, Hz\,|\,\Omega_{eff} - 800\, Hz\,|\,\overline{\chi}^2 = 0.23$
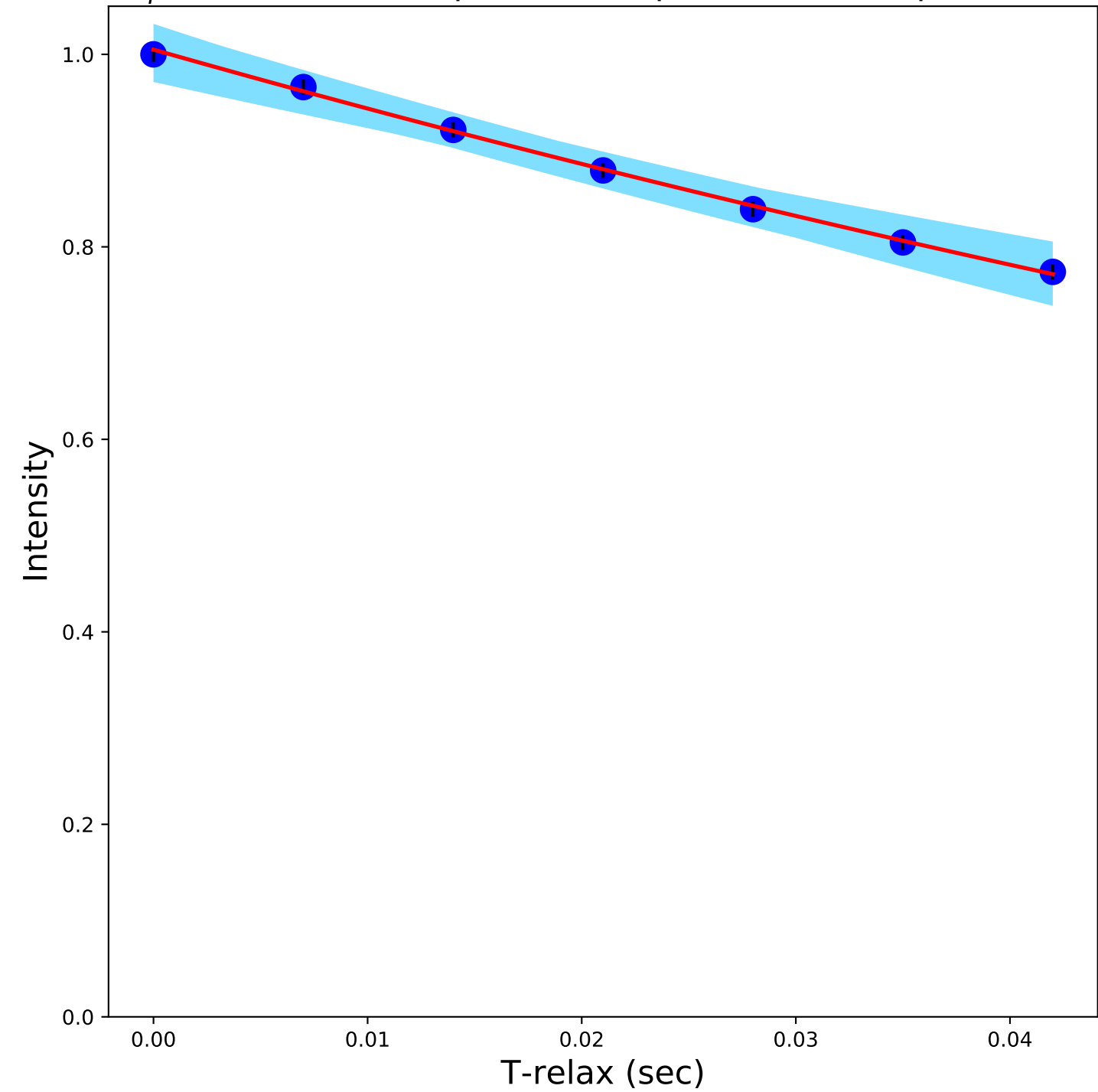
Folder (1515)
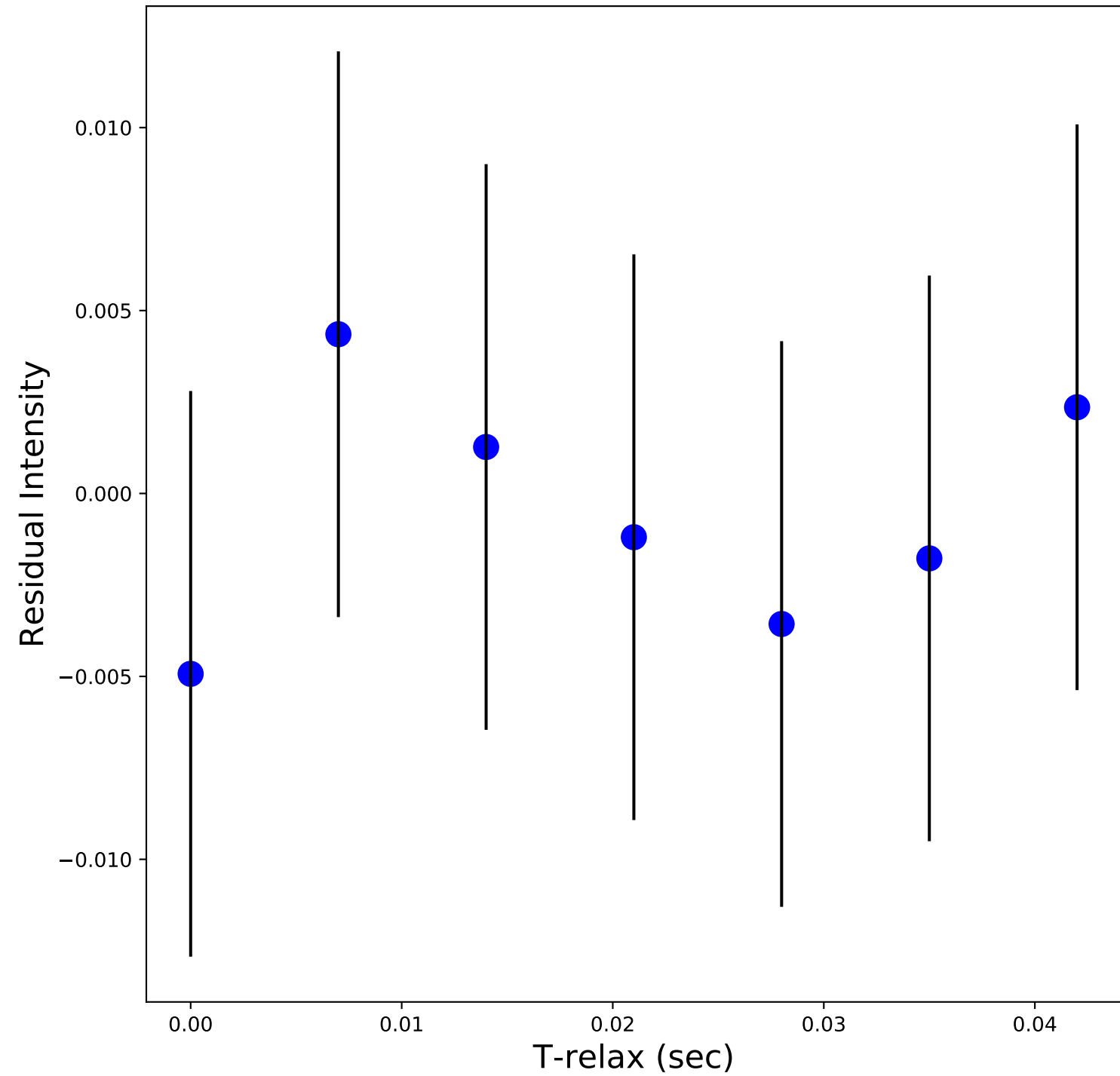
$R_{1\rho} \, 5.72 \pm 0.48 \, s^{-1} \, | \, \omega_1 \, 300 \, Hz \, | \, \Omega_{eff} - 850 \, Hz \, | \, \overline{\chi}^2 = 0.37$
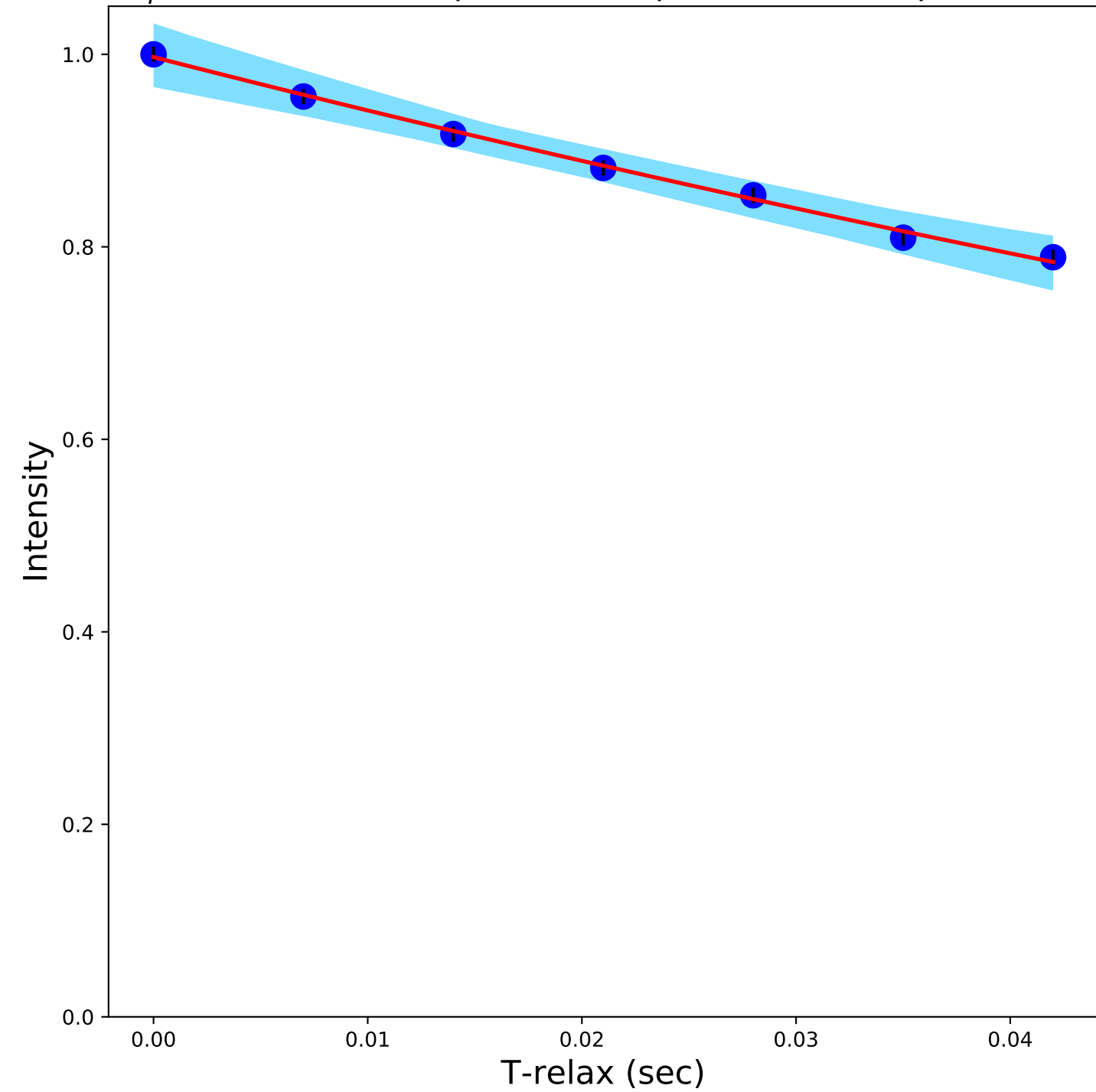
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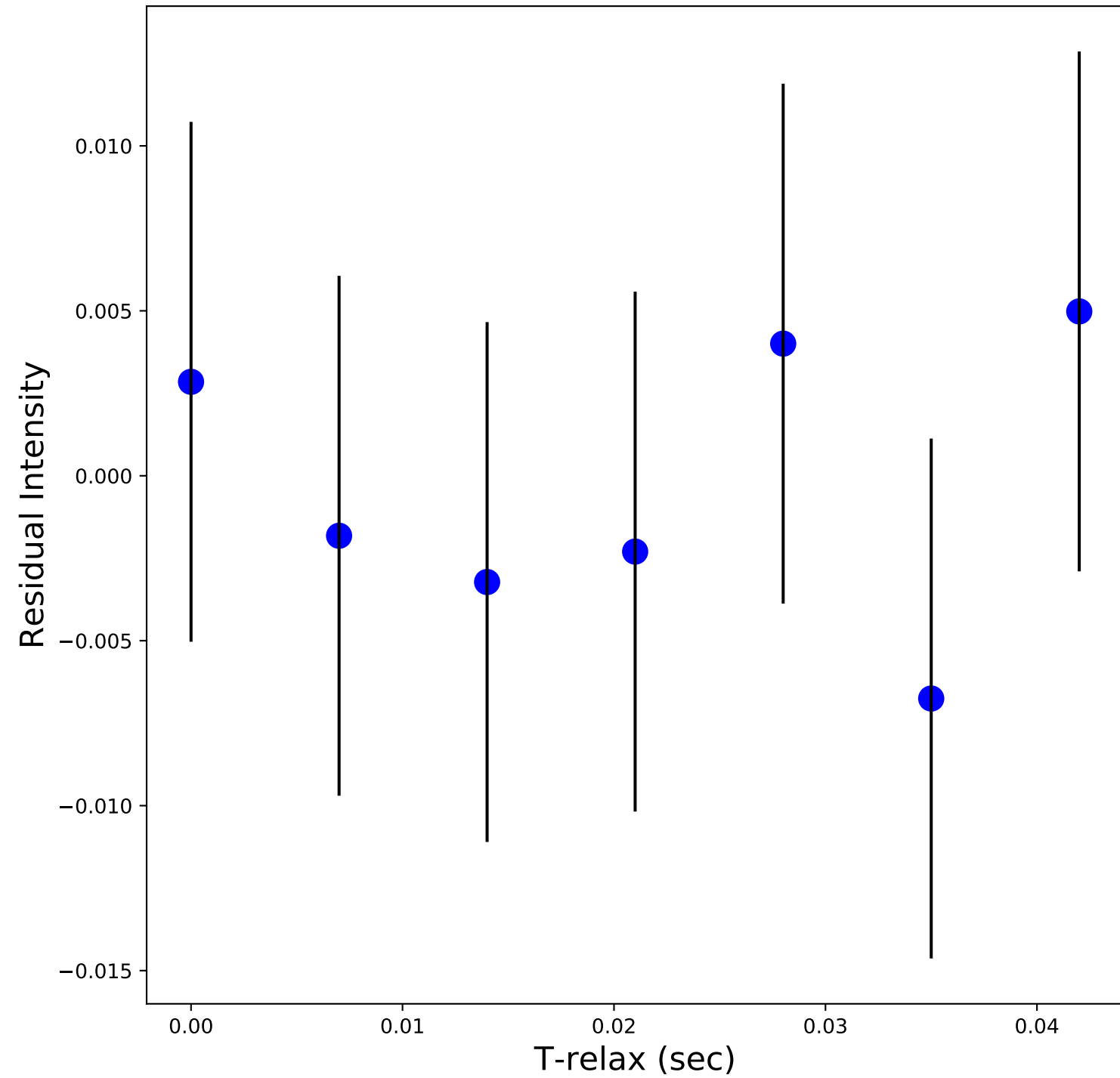
$R_{1\rho}\ 5.2 \pm 0.47\ s^{-1} \mid \omega_1\ 300\ Hz \mid \Omega_{eff} - 900\ Hz \mid \overline{\chi}^2 = 0.82$
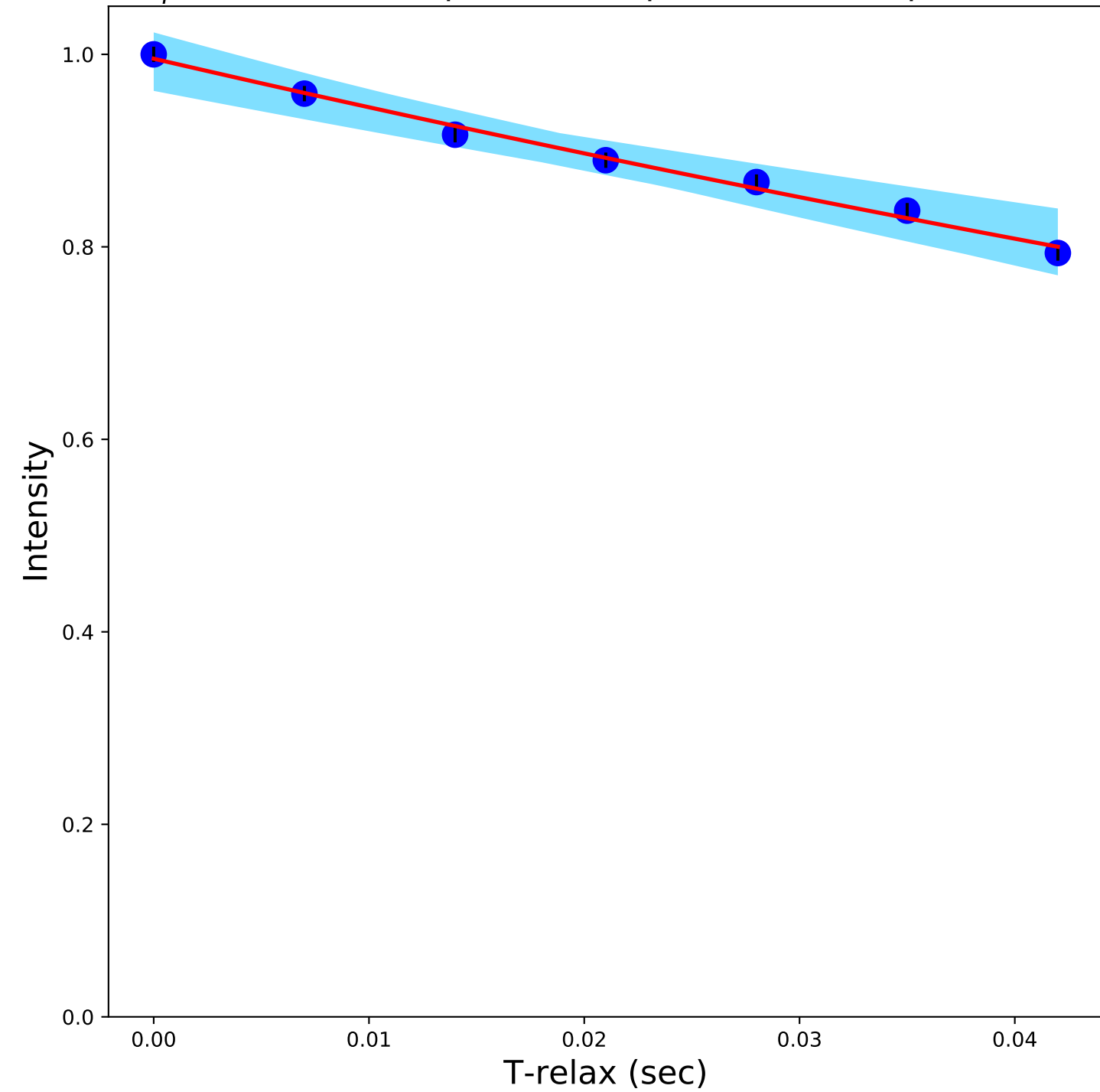
Folder (1517)

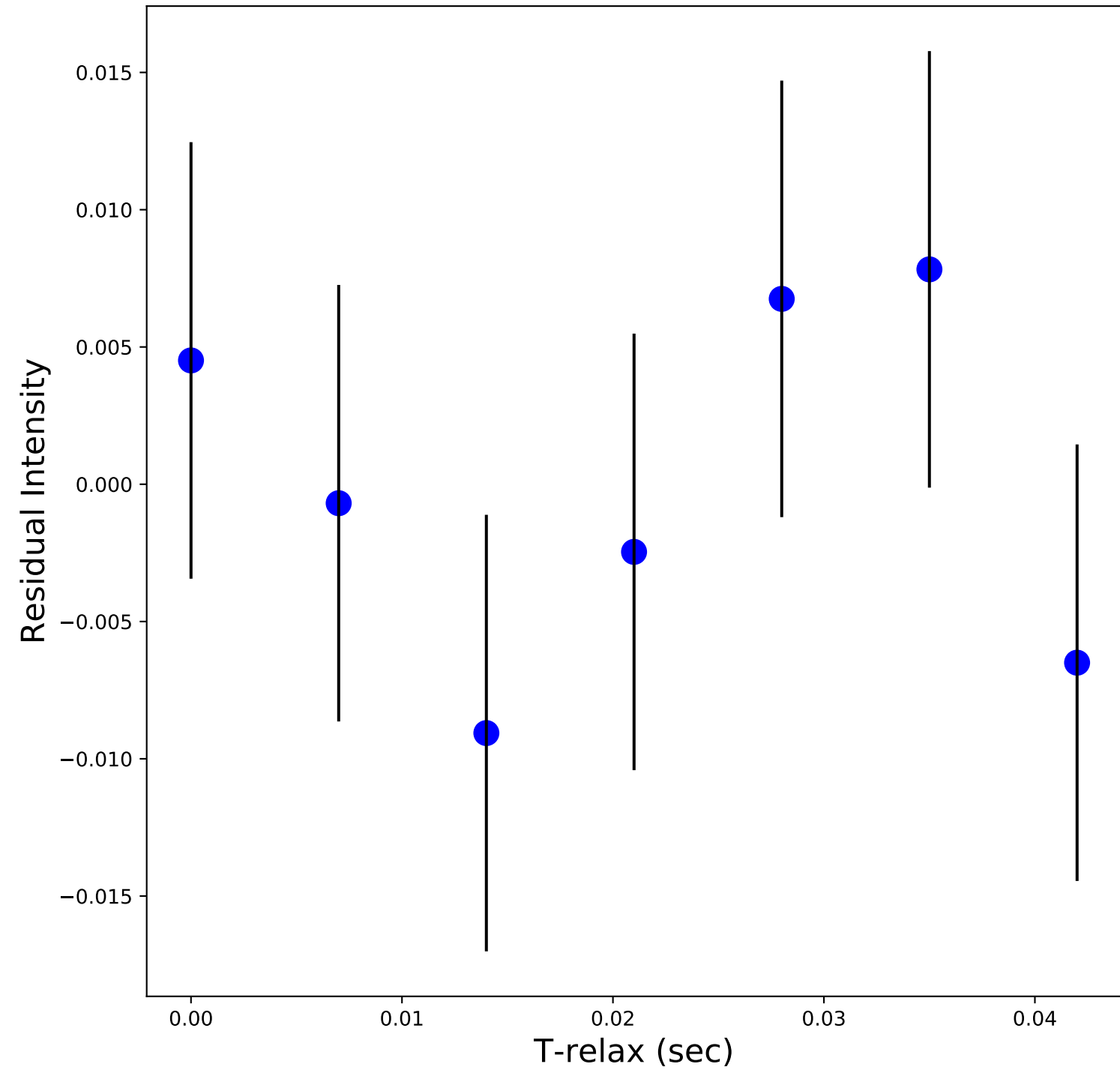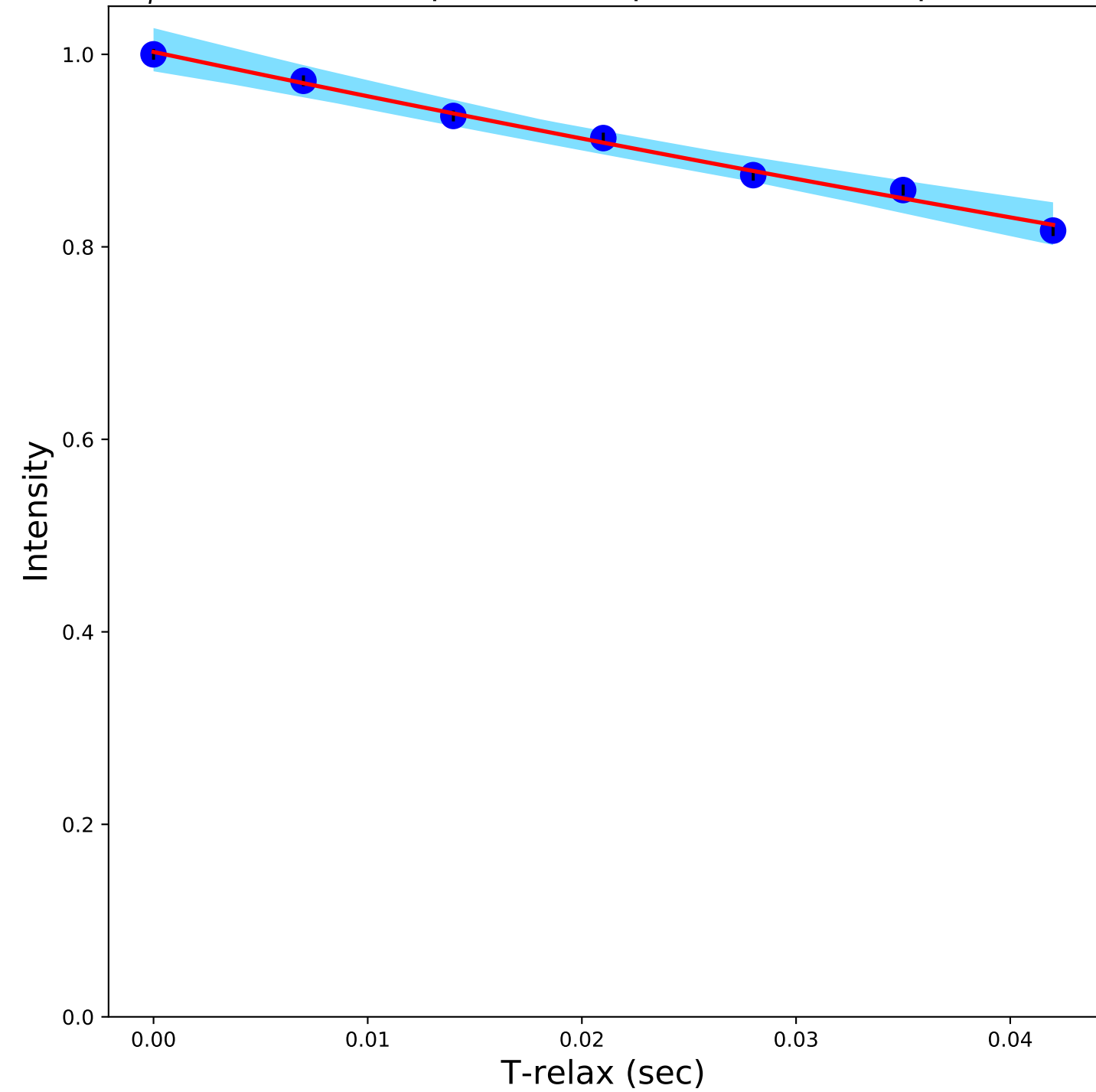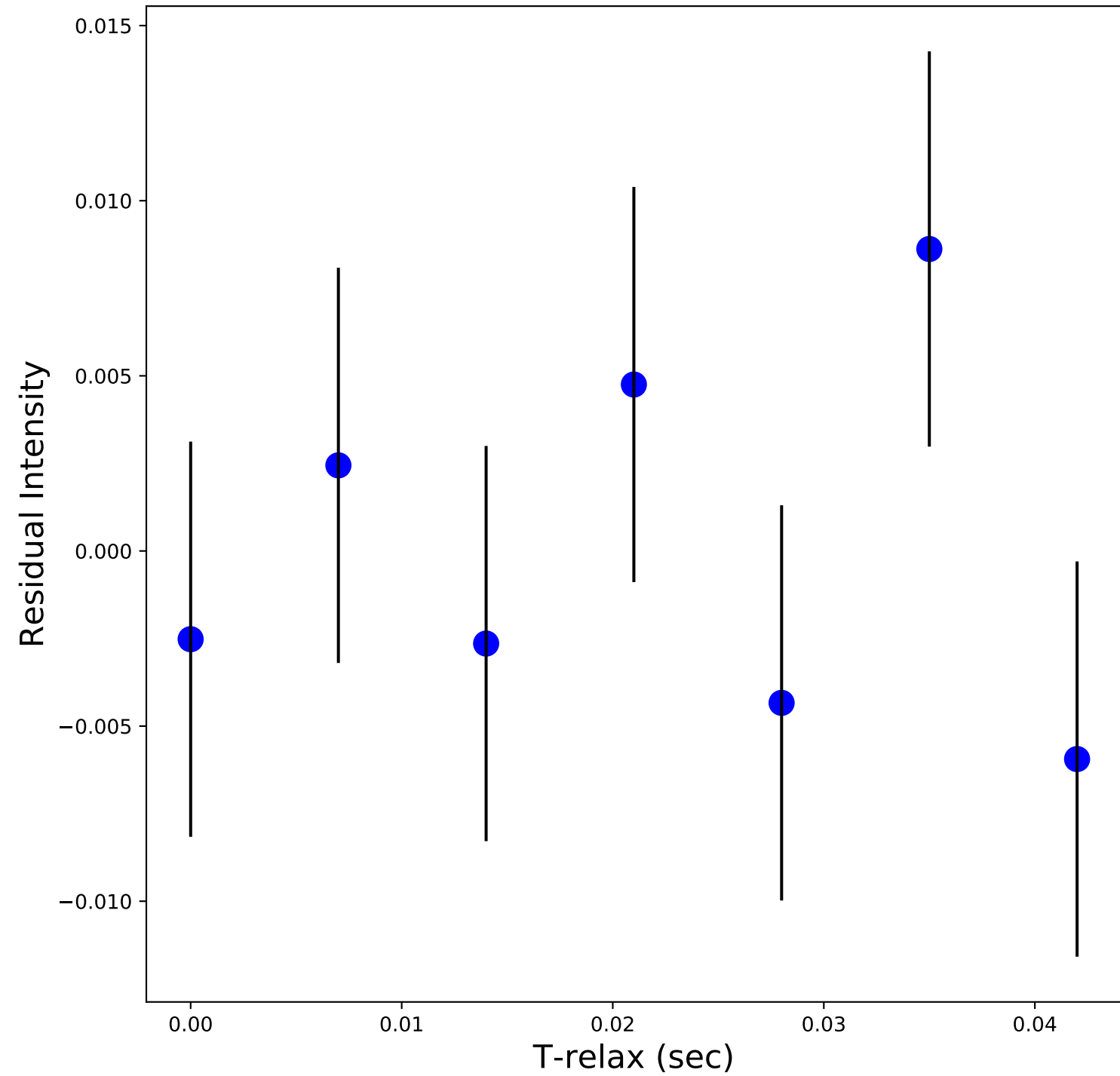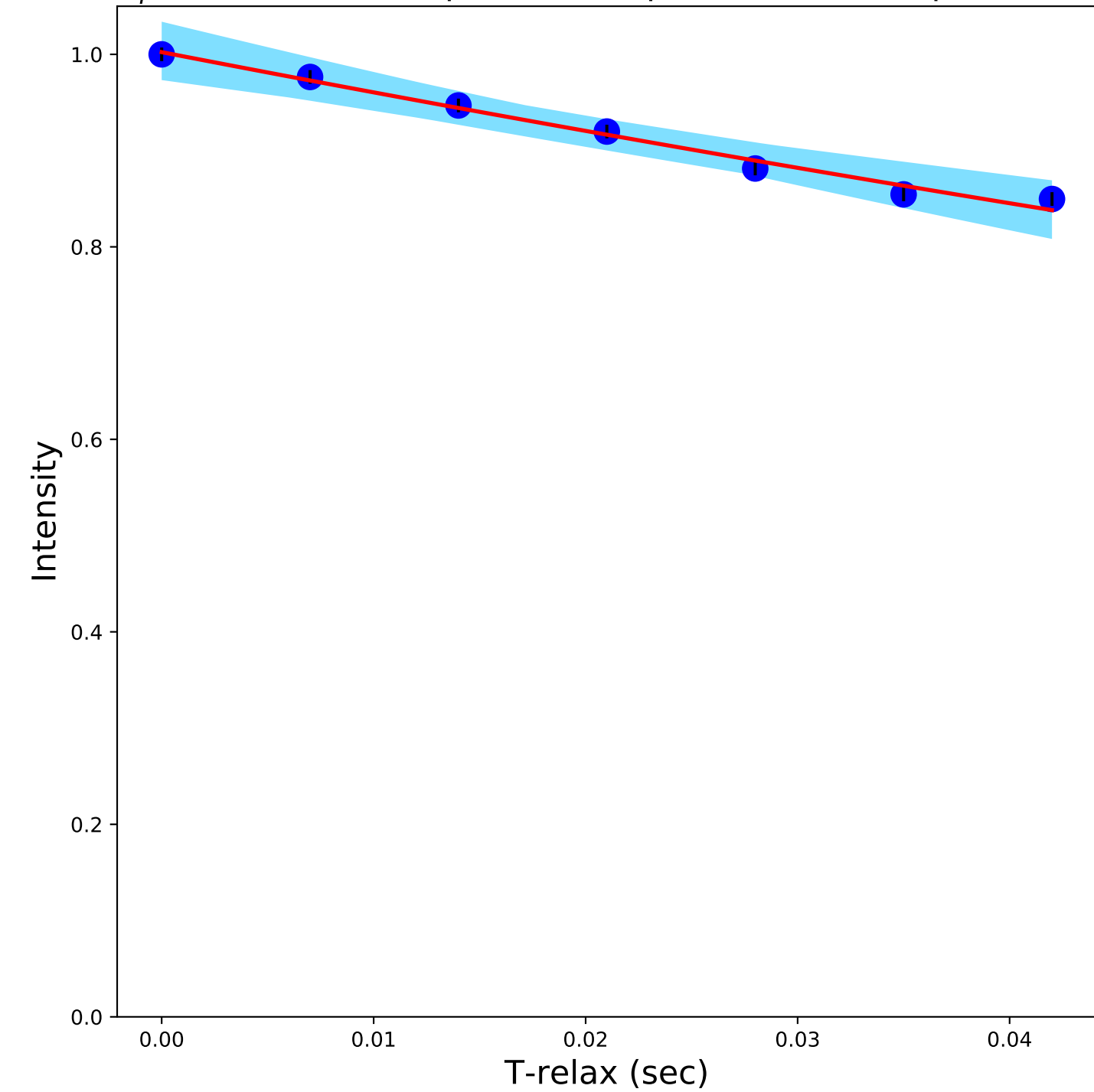$R_{1\rho} \, 4.7 \pm 0.33 \, s^{-1} \, | \, \omega_1 \, 300 \, Hz \, | \, \Omega_{eff} - 1000 \, Hz \, | \, \overline{\chi}^2 = 1.07$

Folder (1518)

$R_{1\rho} \, 4.26 \pm 0.42 \, s^{-1} \, | \, \omega_1 \, 300 \, Hz \, | \, \Omega_{eff} - 1100 \, Hz \, | \, \overline{\chi}^2 = 1.26$

Folder (1519)
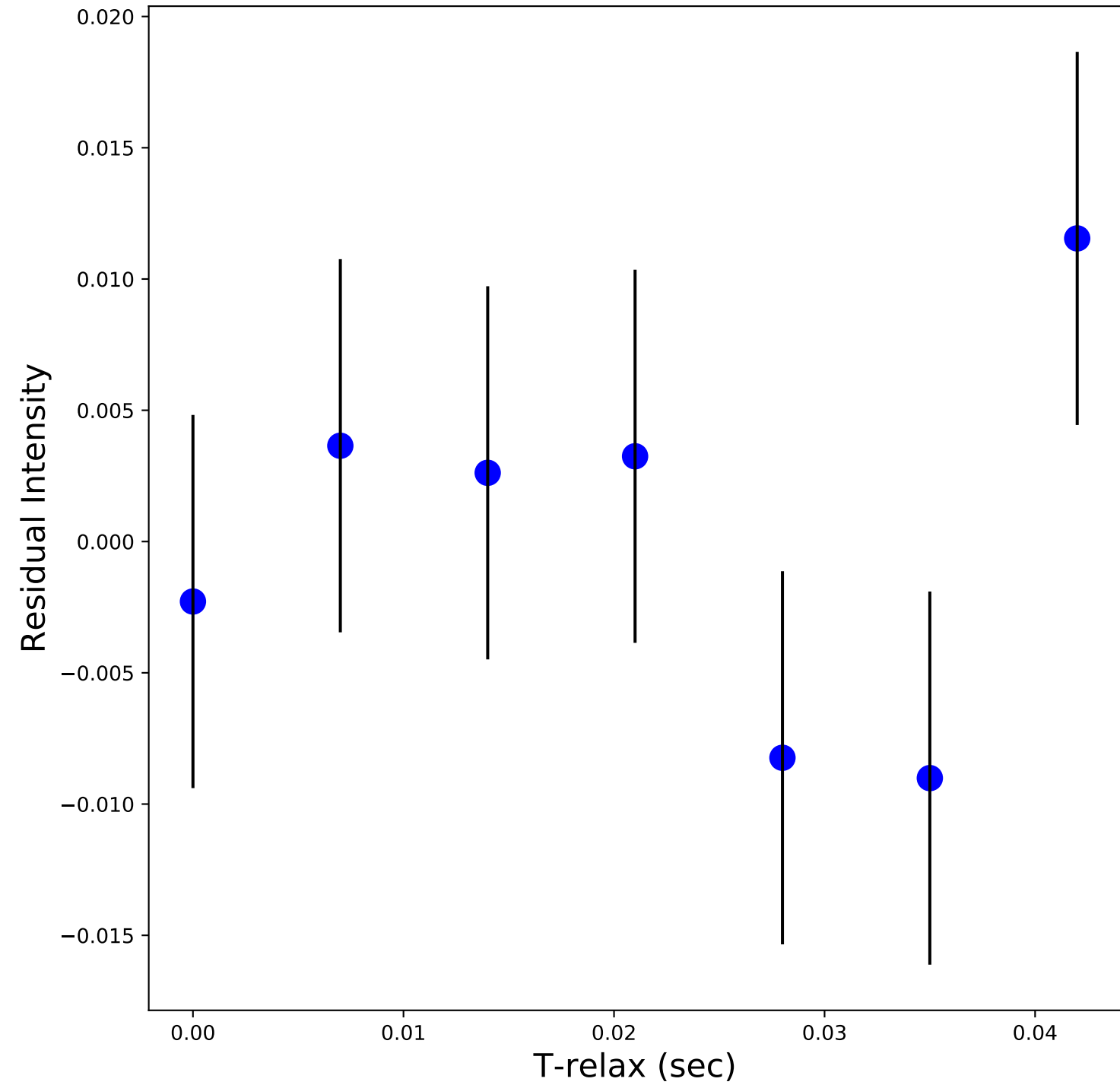
$R_{1\rho}\, 4.14 \pm 0.44\, s^{-1}\,|\,\omega_1\, 300\, Hz\,|\,\Omega_{eff}\, -1200\, Hz\,|\,\overline{\chi}^2 = 0.13$
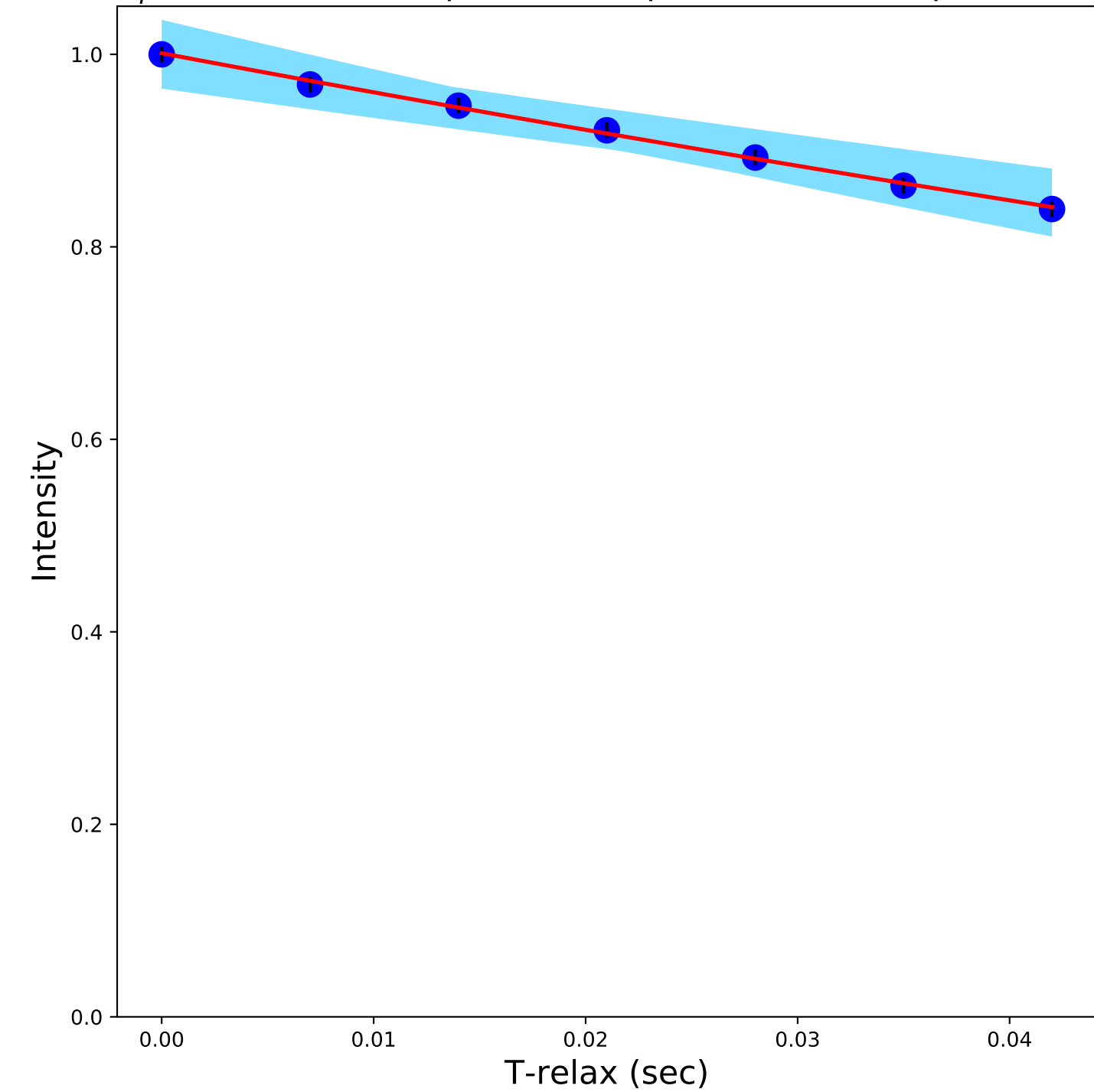
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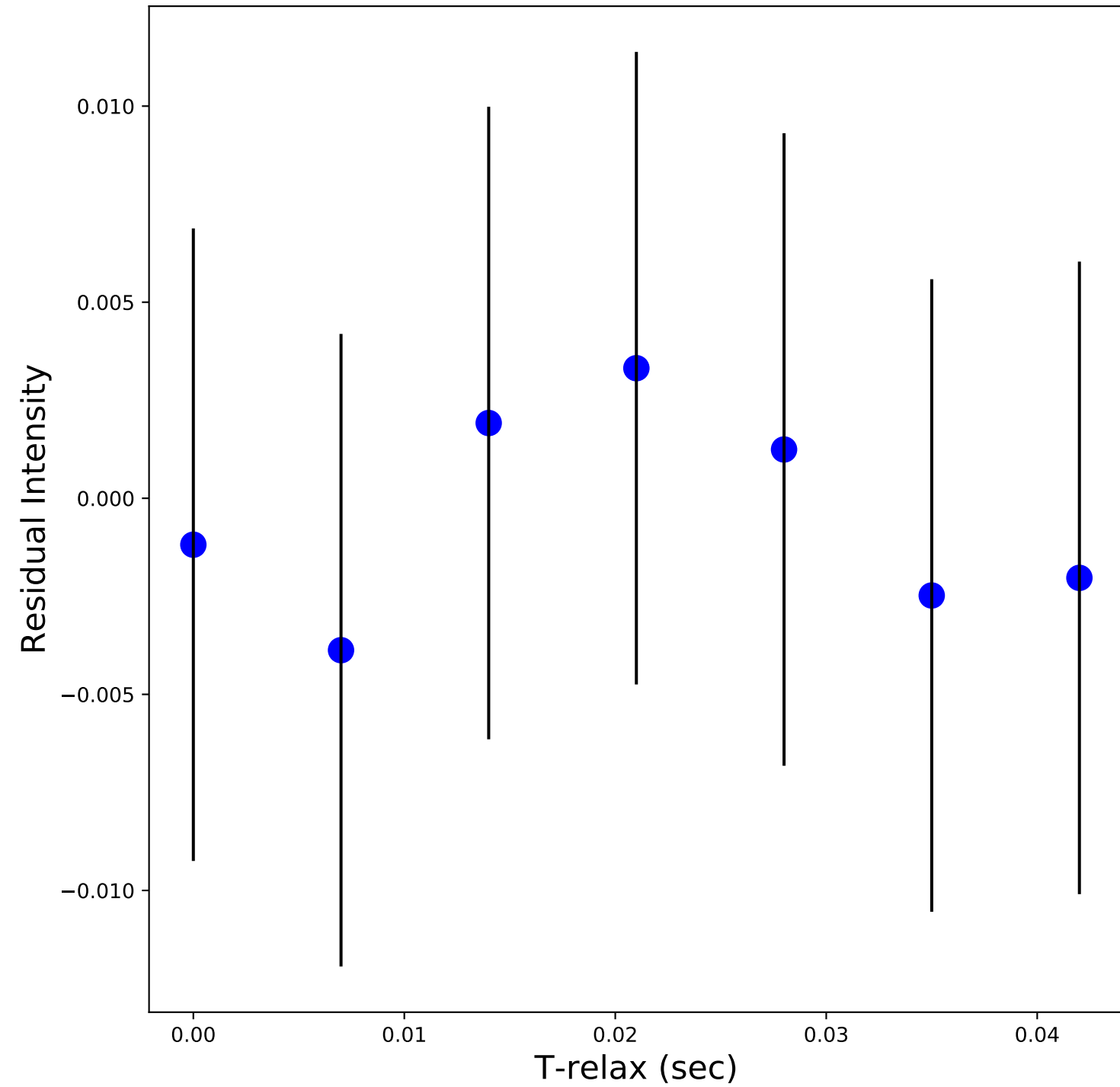
$R_{1\rho}\ 3.87 \pm 0.34\,s^{-1}\,|\,\omega_1\ 300\,Hz\,|\,\Omega_{eff}\ -1400\,Hz\,|\,\overline{\chi}^2 = 0.23$
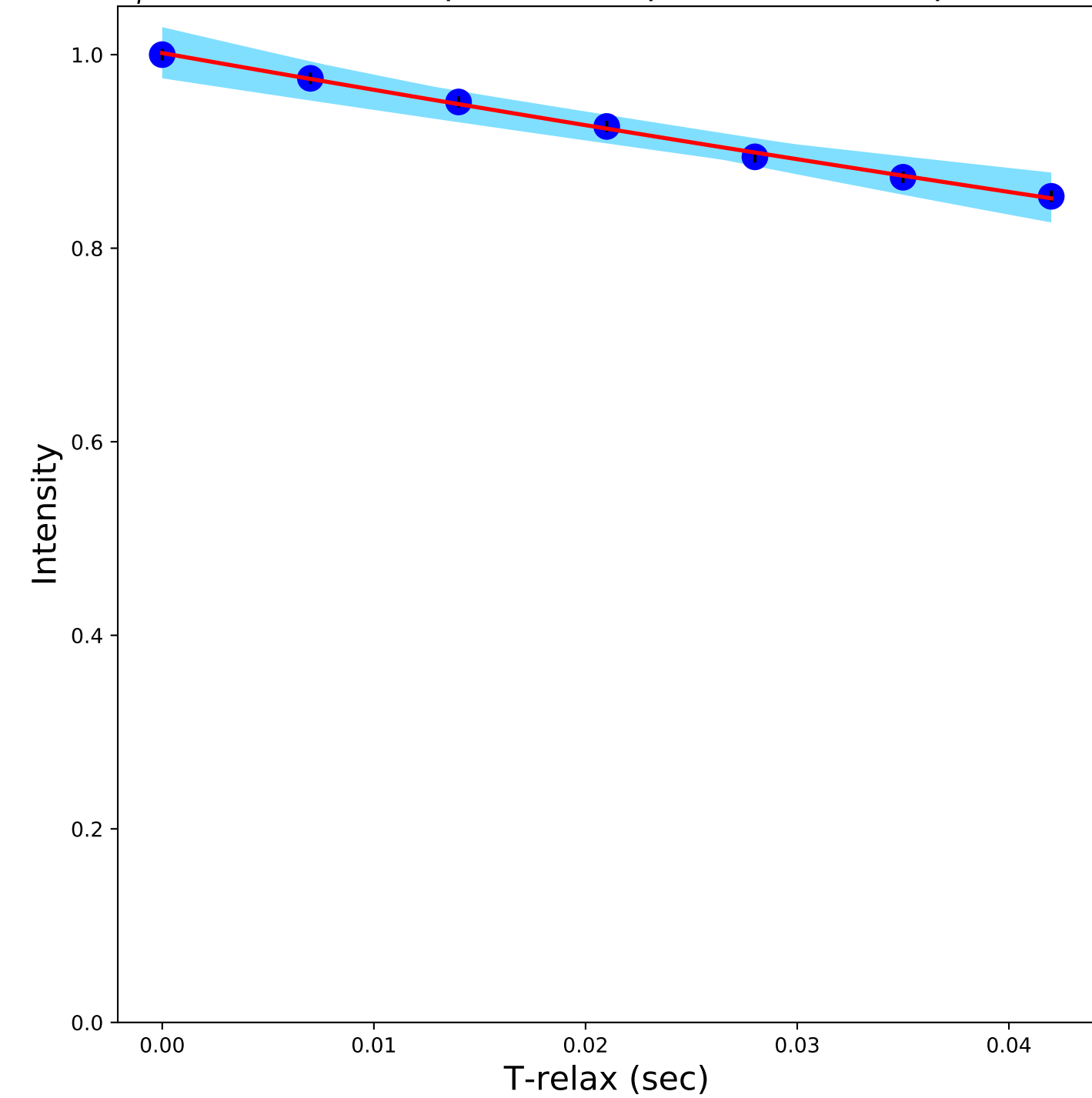
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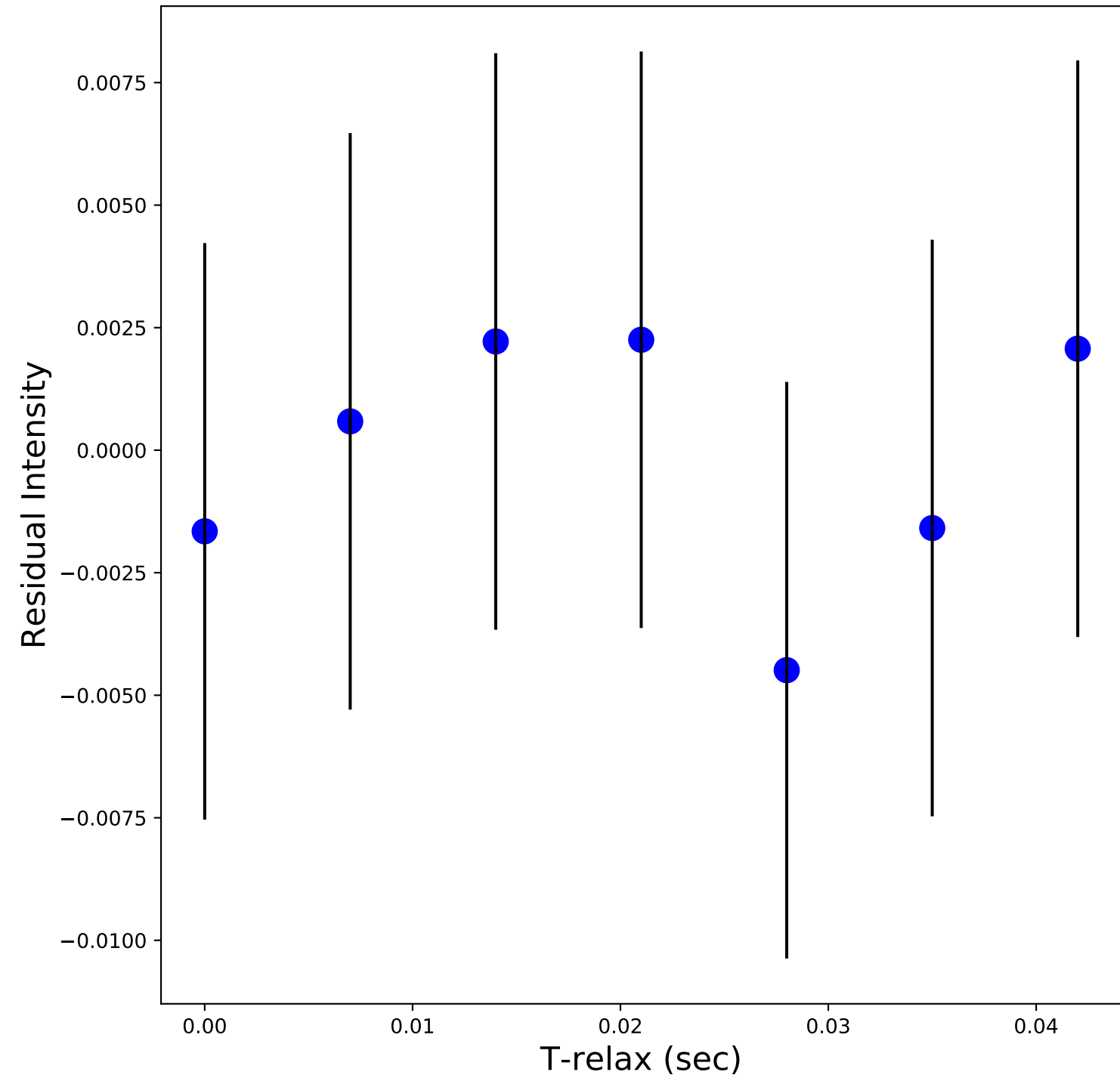
$R_{1\rho}\,3.3 \pm 0.42\,s^{-1}\,|\,\omega_1\,300\,Hz\,|\,\Omega_{eff} - 1600\,Hz\,|\,\overline{\chi}^2 = 0.39$
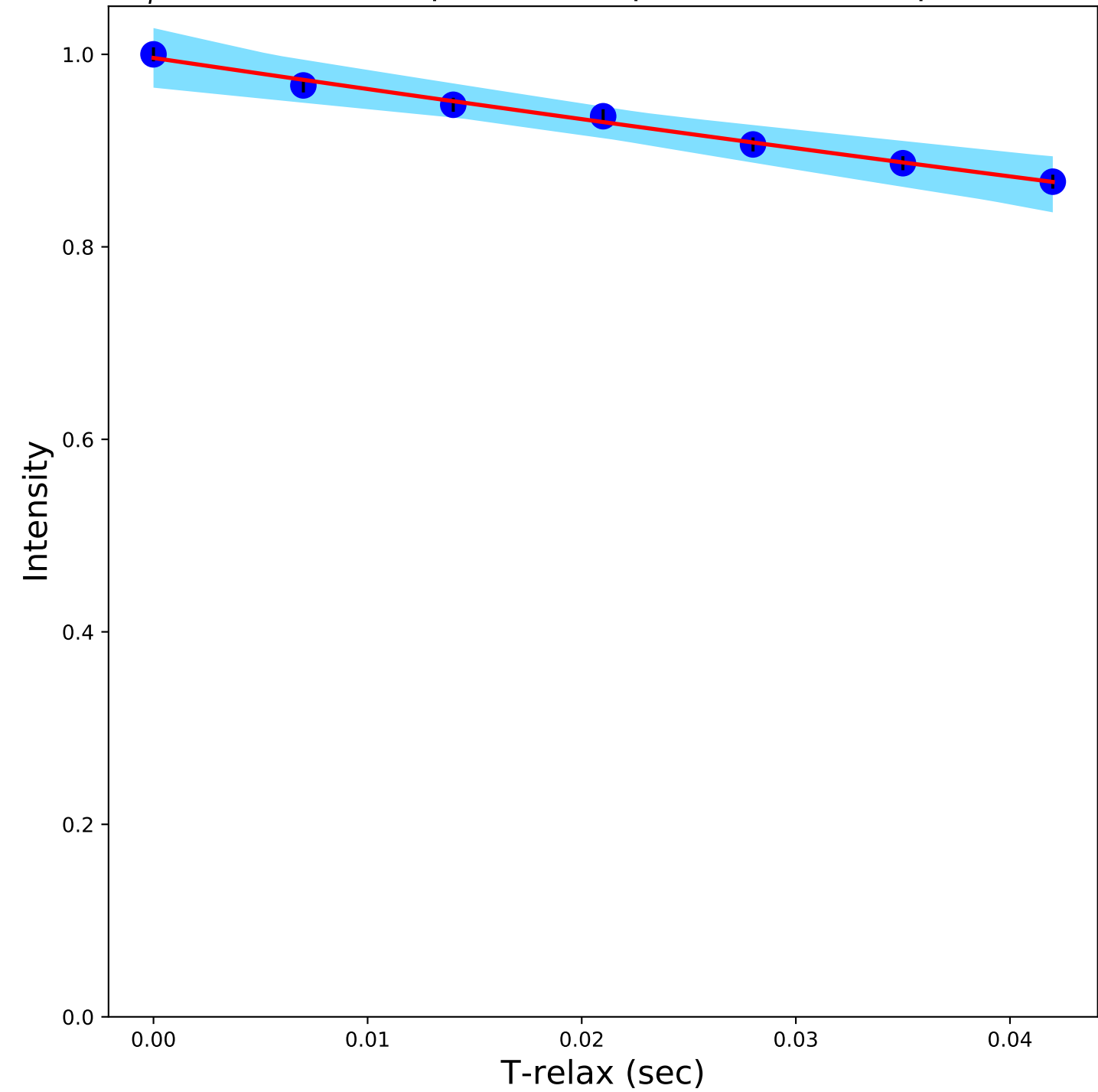
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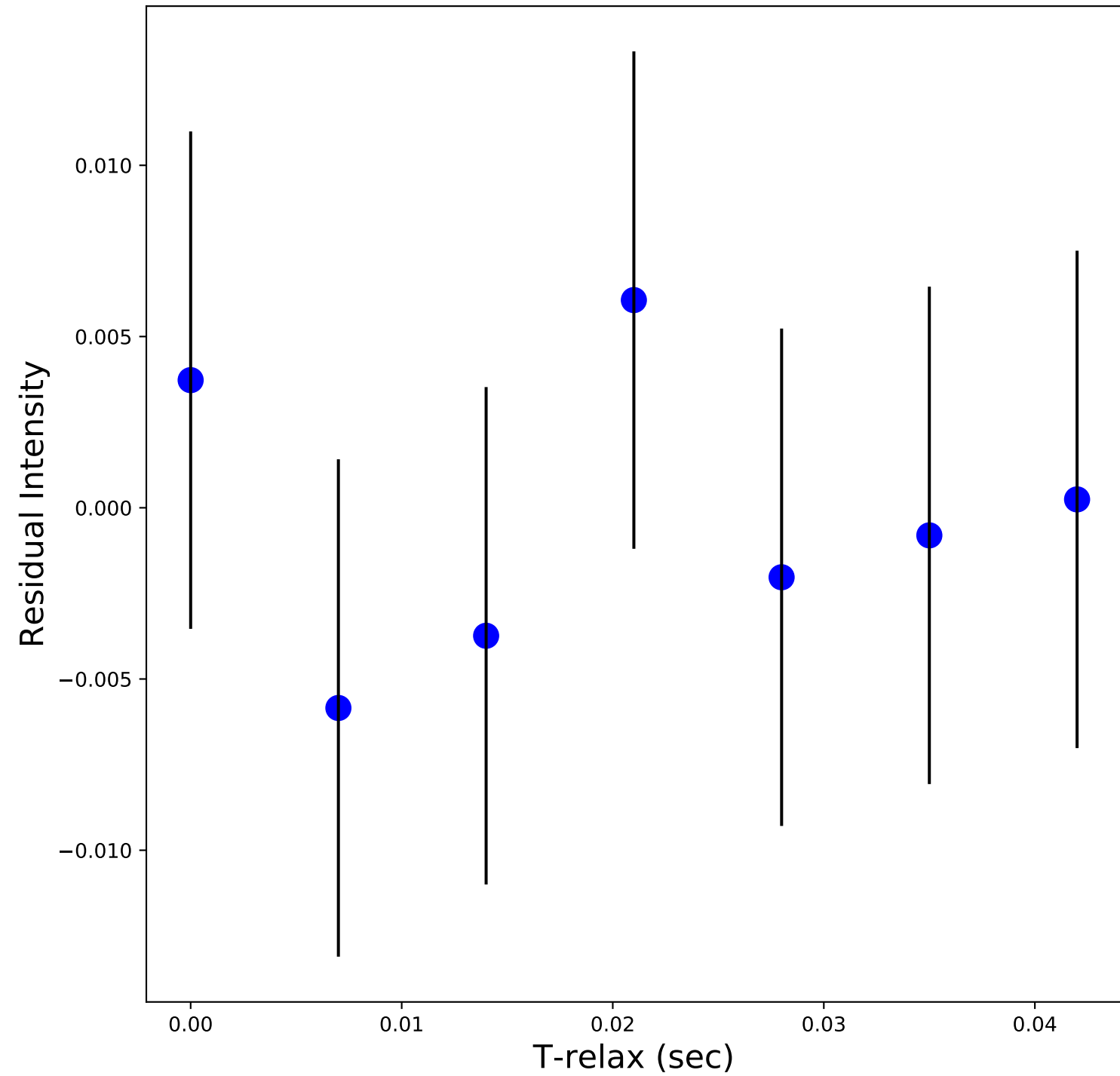
$R_{1\rho}\ 16.42 \pm 0.6\ s^{-1}\,|\,\omega_1\ 300\ Hz\,|\,\Omega_{eff}\ 200\ Hz\,|\,\overline{\chi}^2 = 0.33$
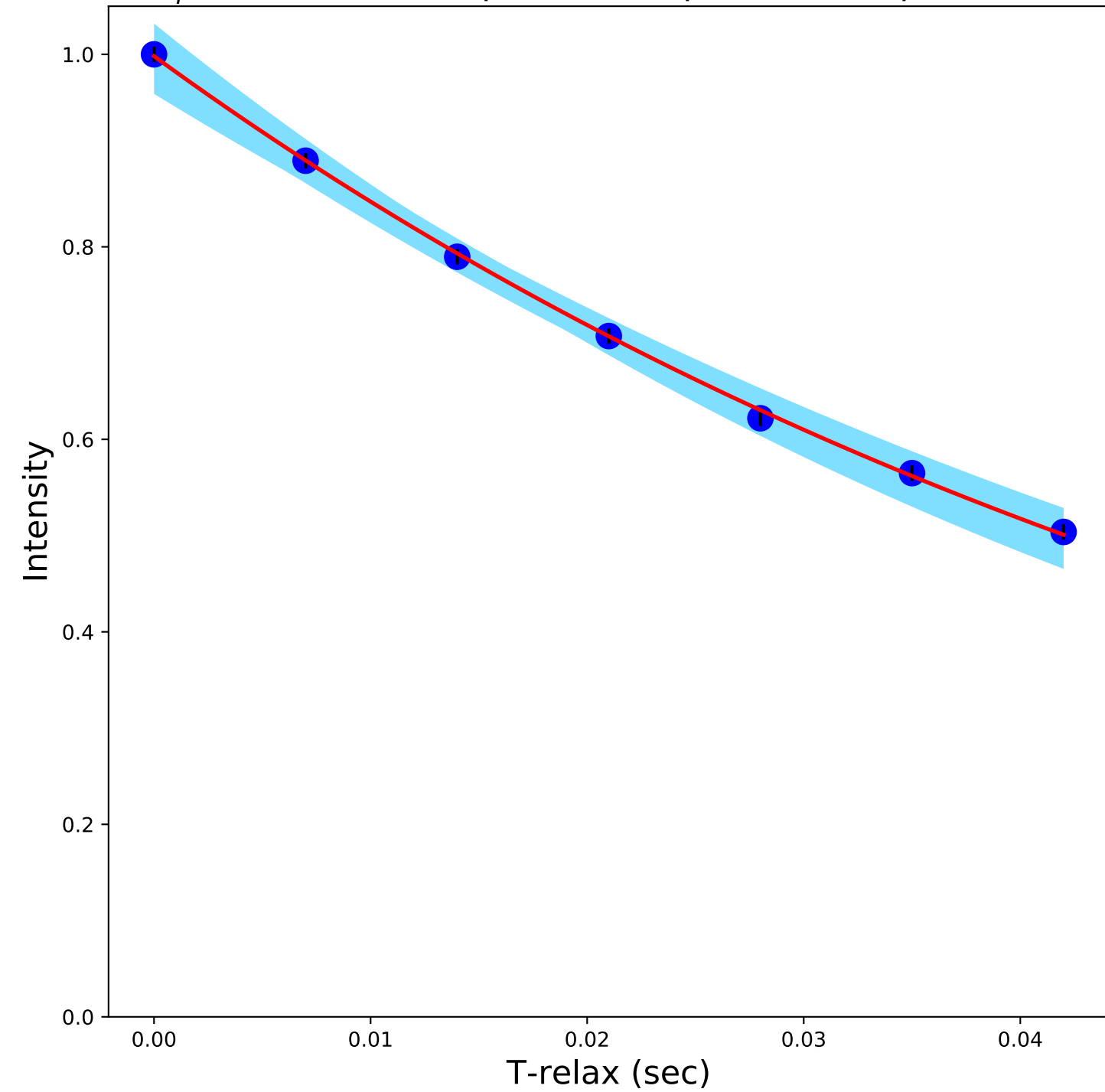
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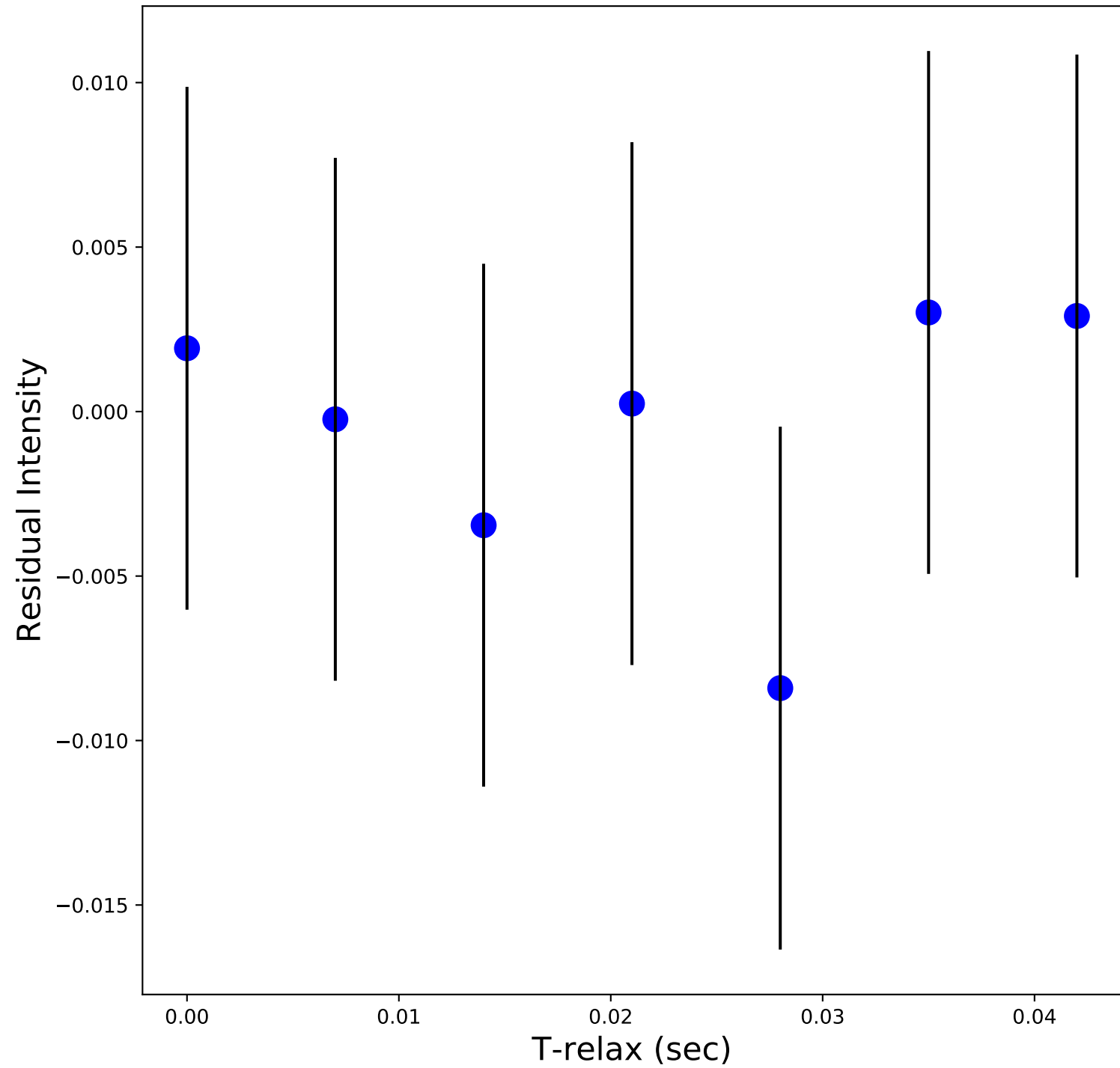
$R_{1\rho}\, 9.46 \pm 0.38\, s^{-1}\, |\, \omega_1\, 300\, Hz\, |\, \Omega_{eff}\, 400\, Hz\, |\, \overline{\chi}^2 = 0.75$
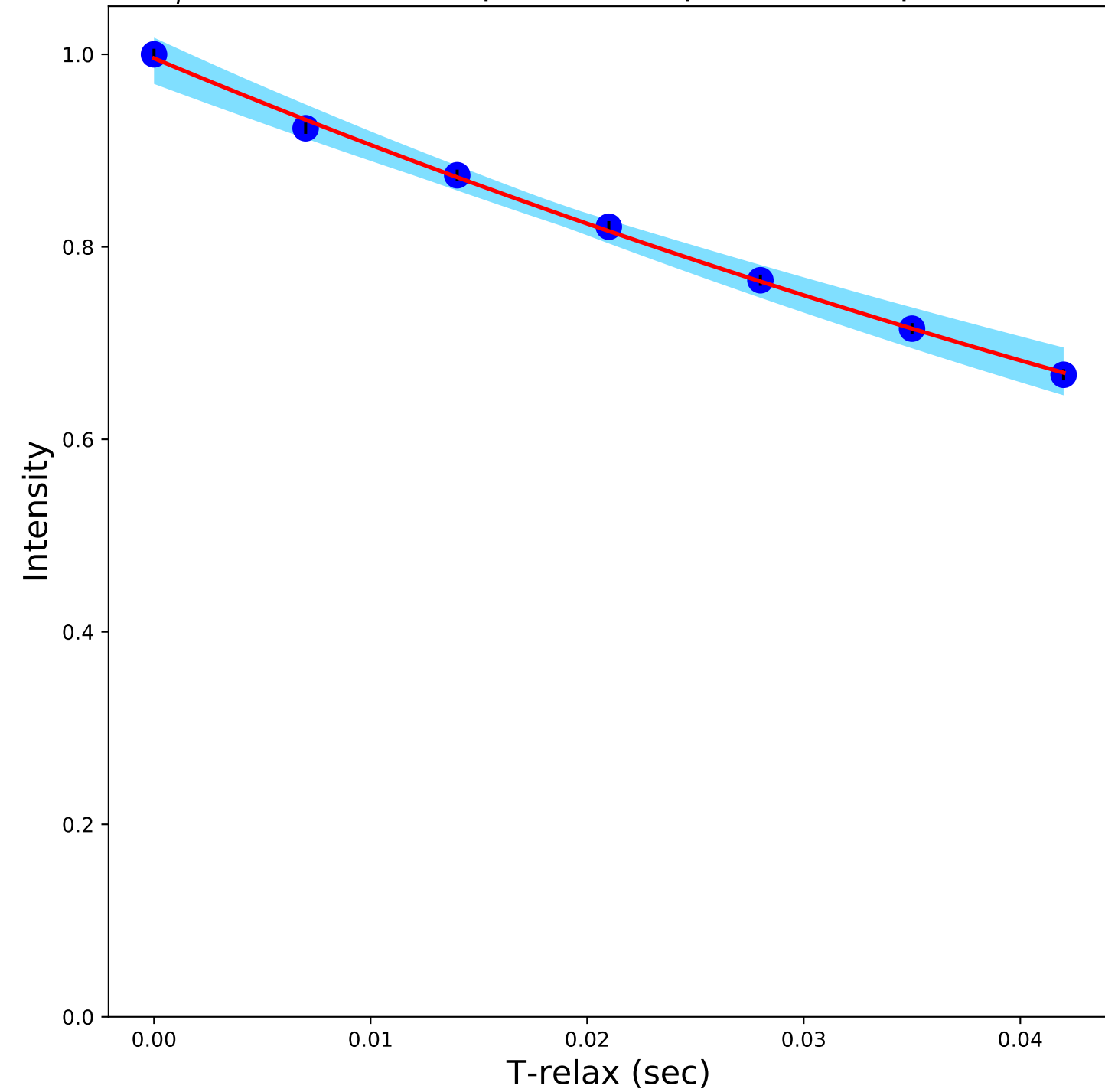
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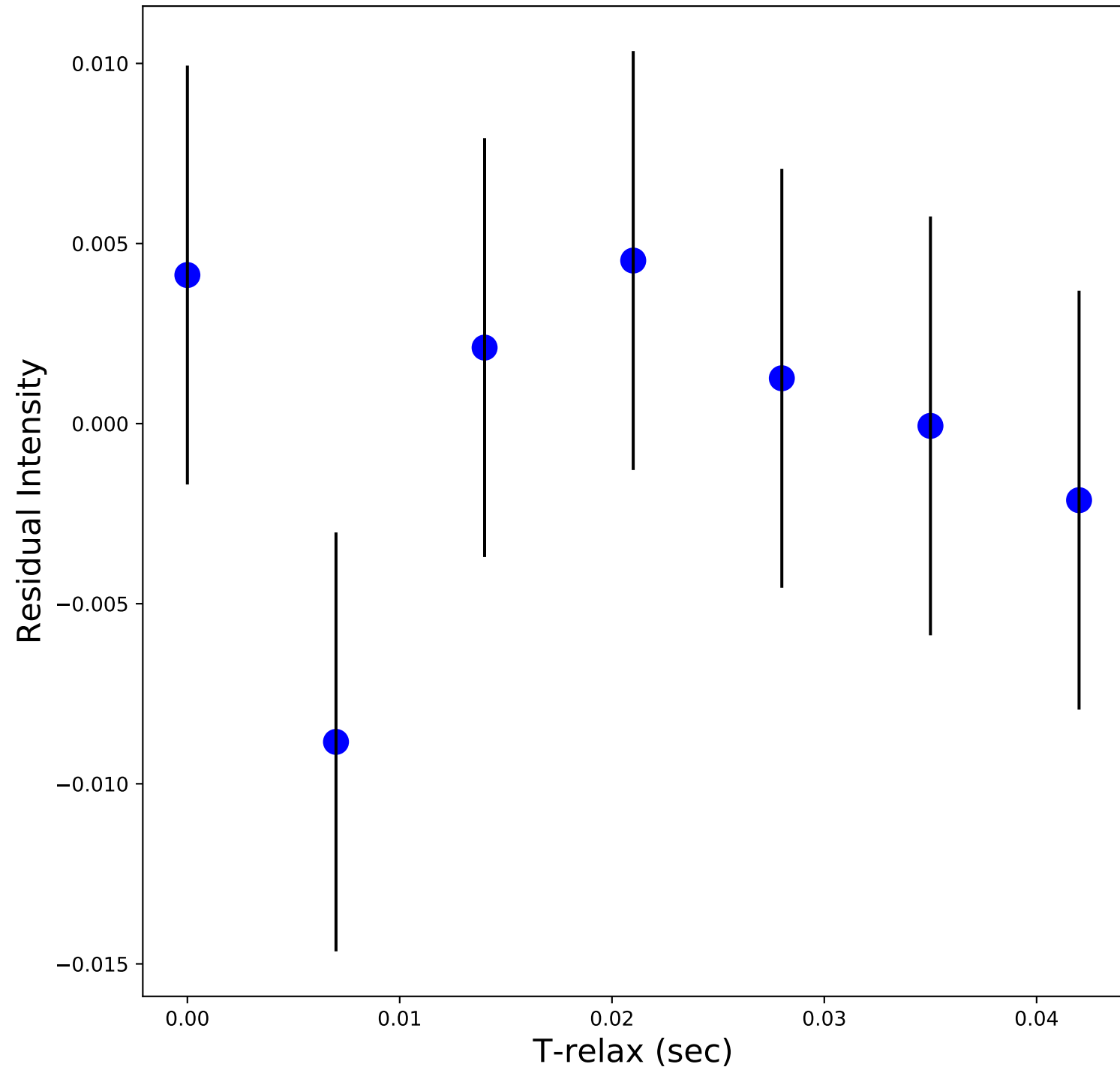
$R_{1\rho}\ 20.79 \pm 0.66\ s^{-1}\ |\ \omega_1\ 600\ Hz\ |\ \Omega_{eff} - 200\ Hz\ |\ \overline{\chi}^2 = 0.29$
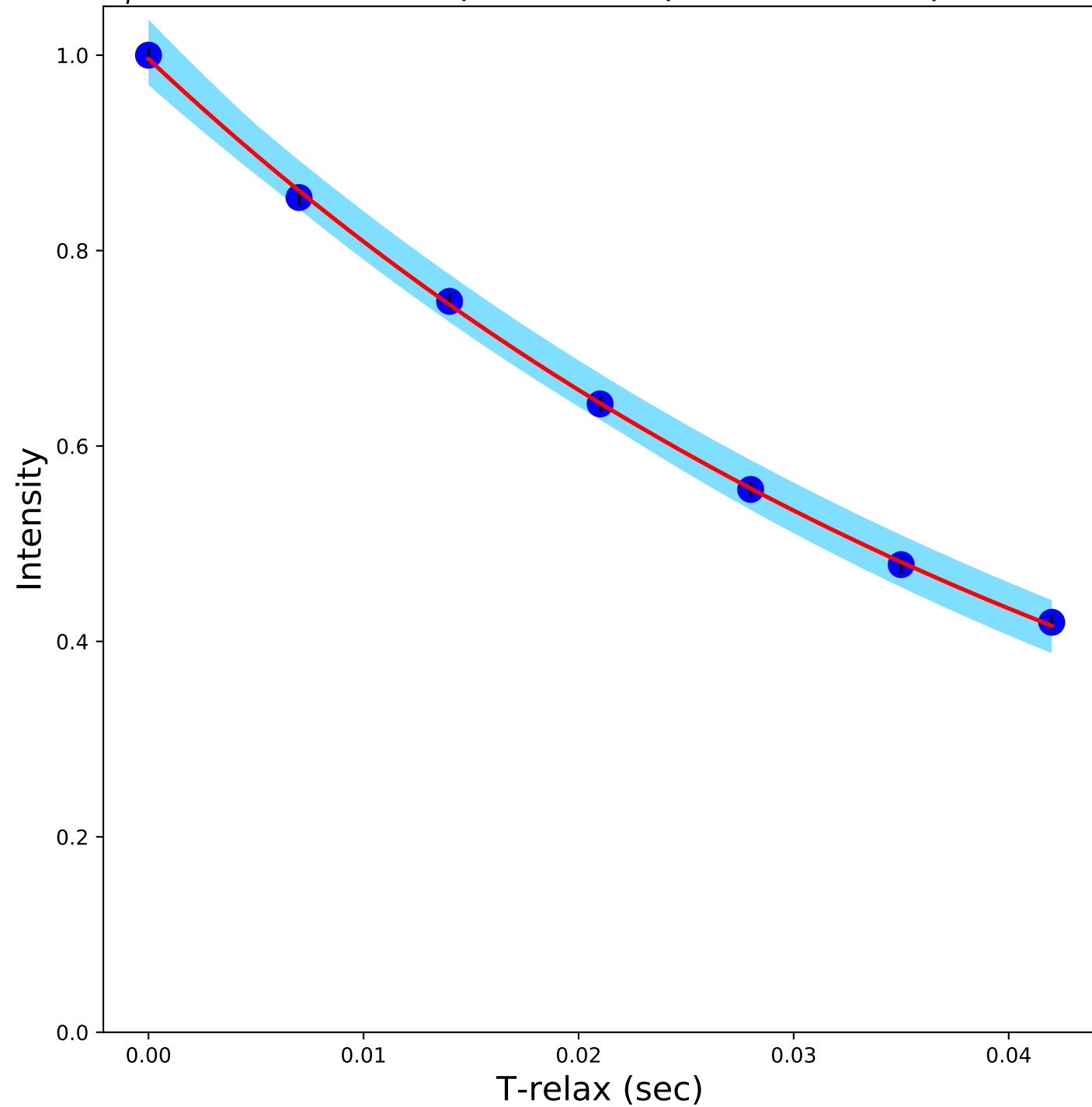
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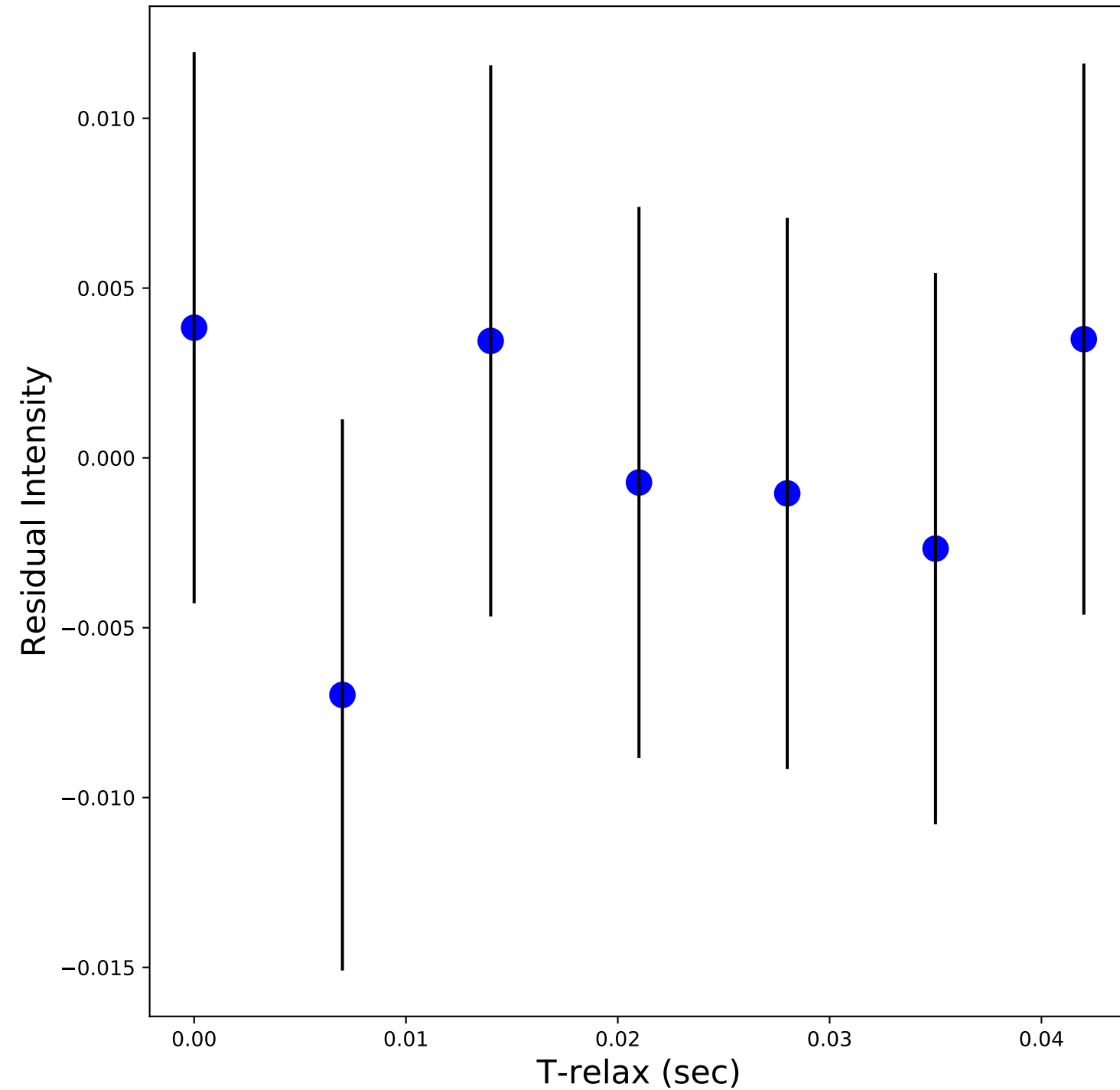
$R_{1\rho}\ 19.17 \pm 0.59\ s^{-1}\,|\,\omega_1\ 600\ Hz\,|\,\Omega_{eff} - 300\ Hz\,|\,\overline{\chi}^2 = 0.49$
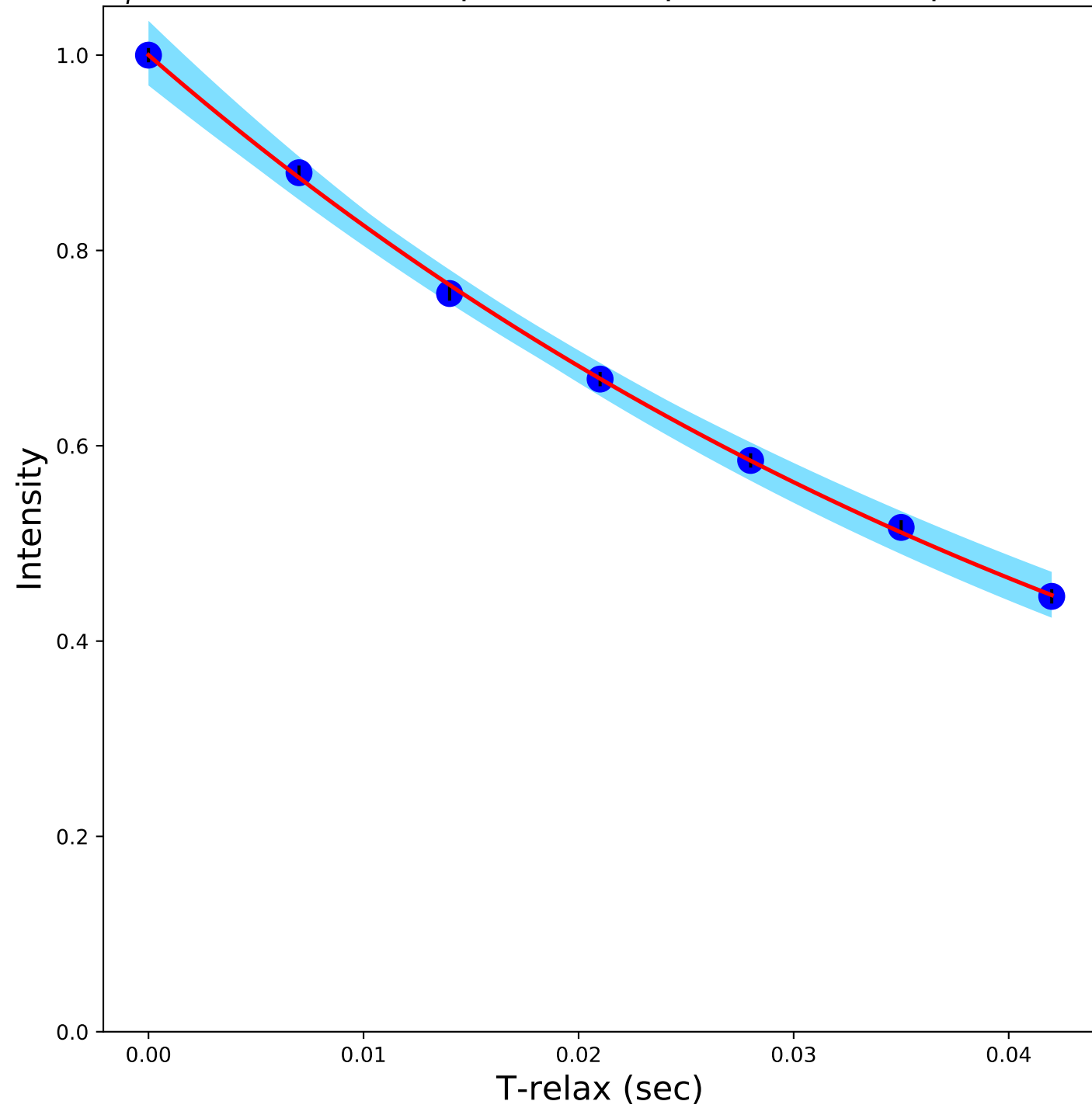
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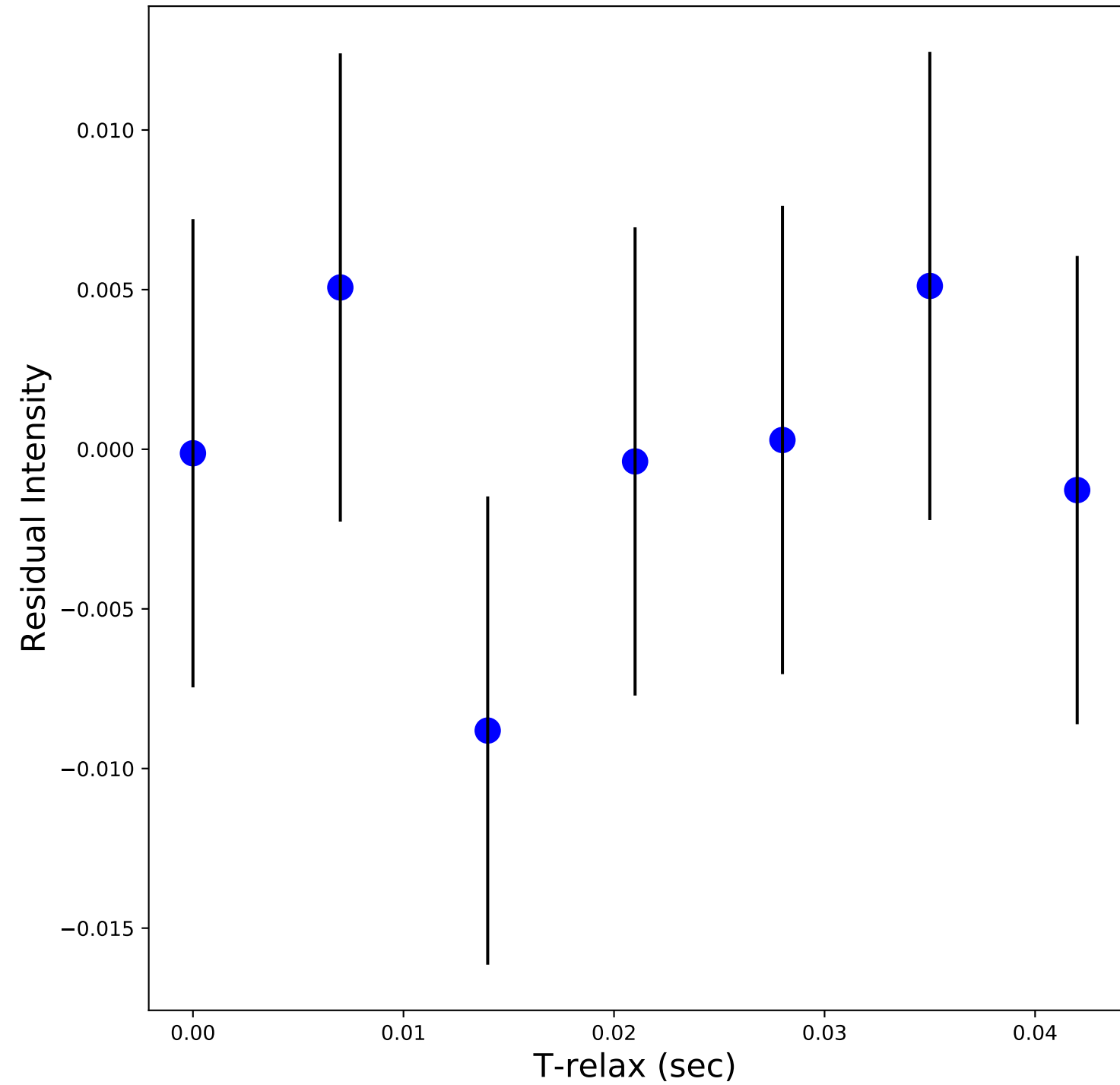
$R_{1\rho}$ $17.36 \pm 0.63\,s^{-1}$ | ω_1 $600\,Hz$ | Ω_{eff} $-400\,Hz$ | $\overline{\chi}^2 = 0.87$
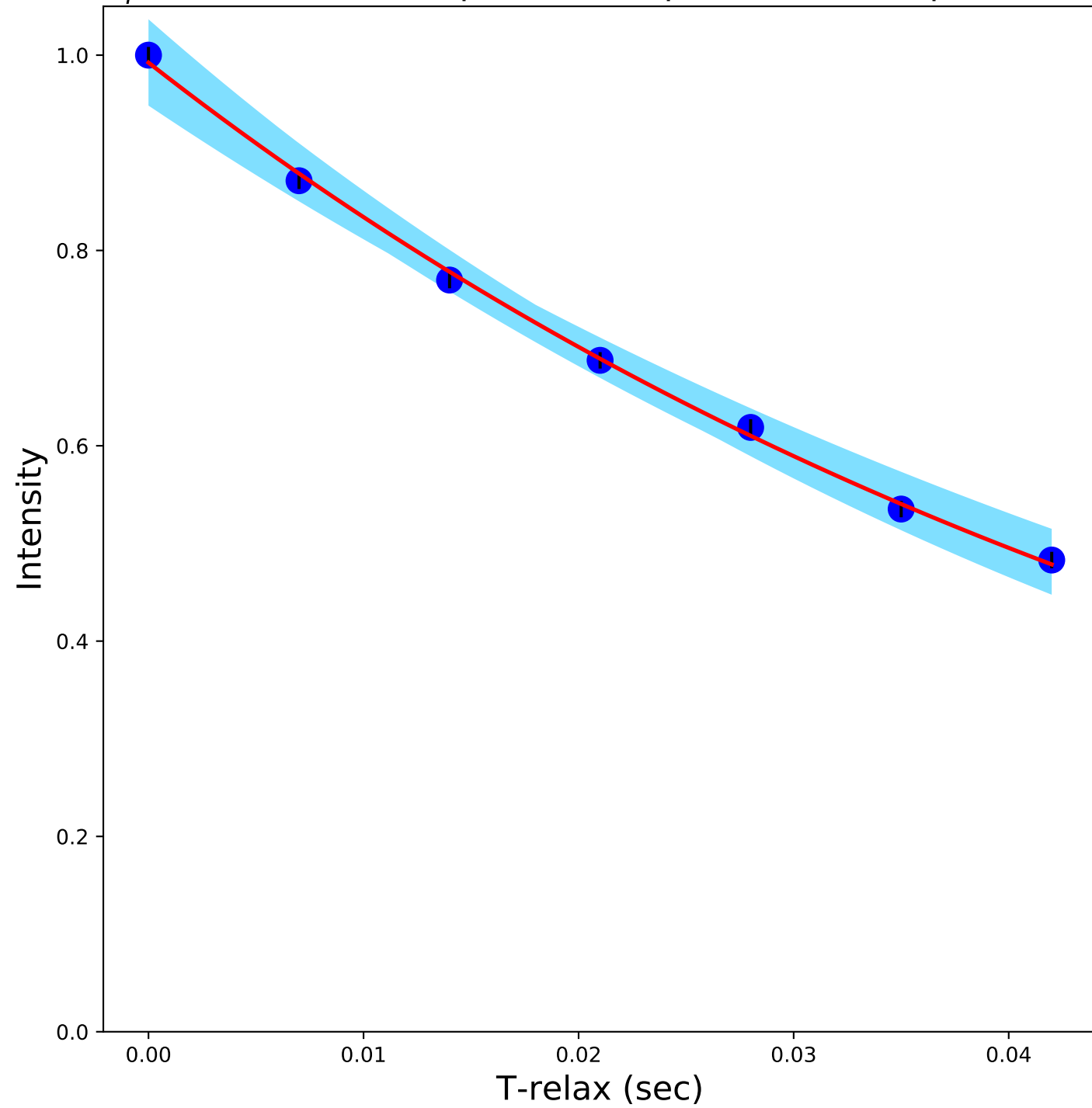
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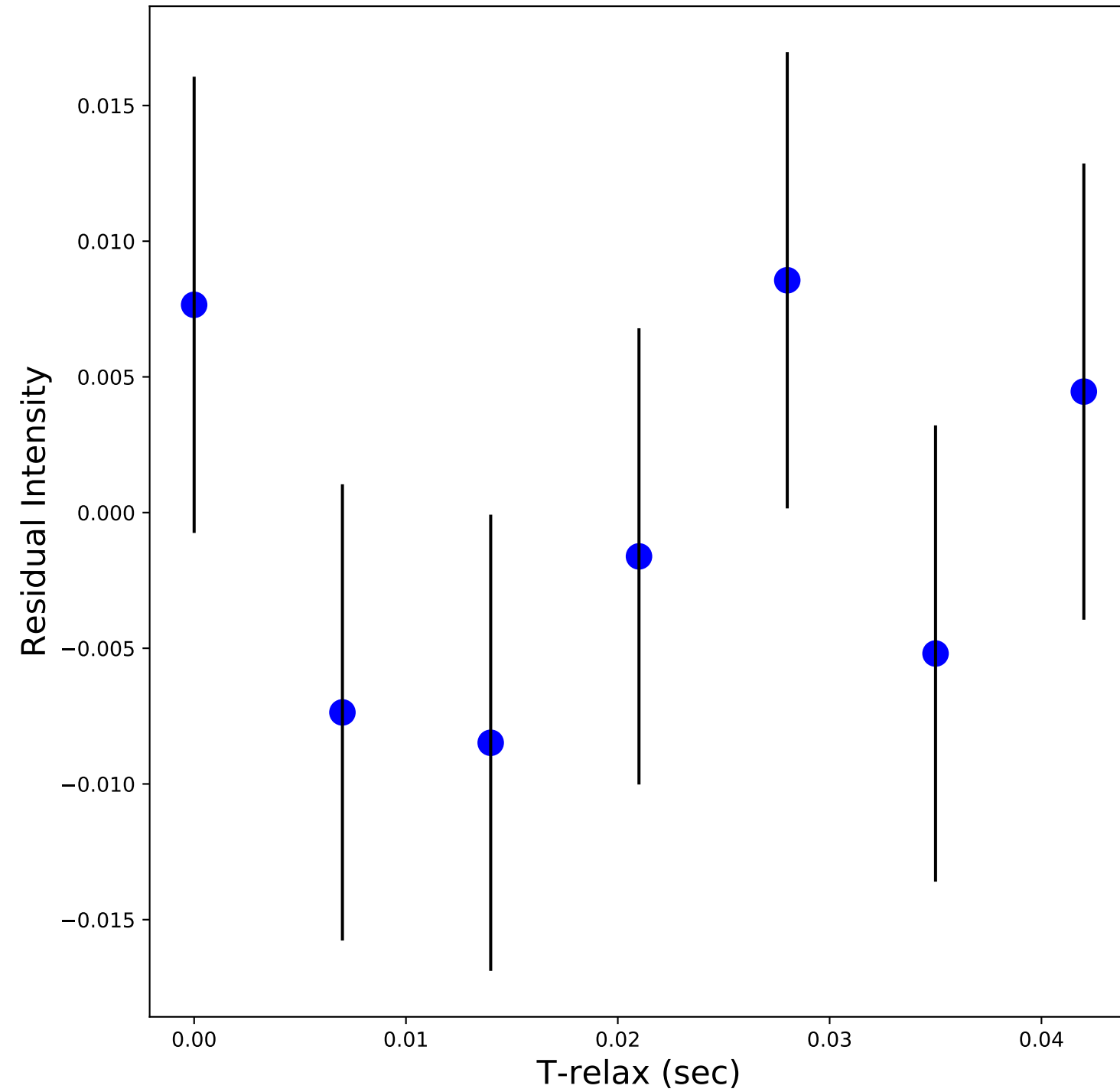
$R_{1\rho} \, 14.86 \pm 0.56 \, s^{-1} \, | \, \omega_1 \, 600 \, Hz \, | \, \Omega_{eff} - 500 \, Hz \, | \, \overline{\chi}^2 = 0.31$
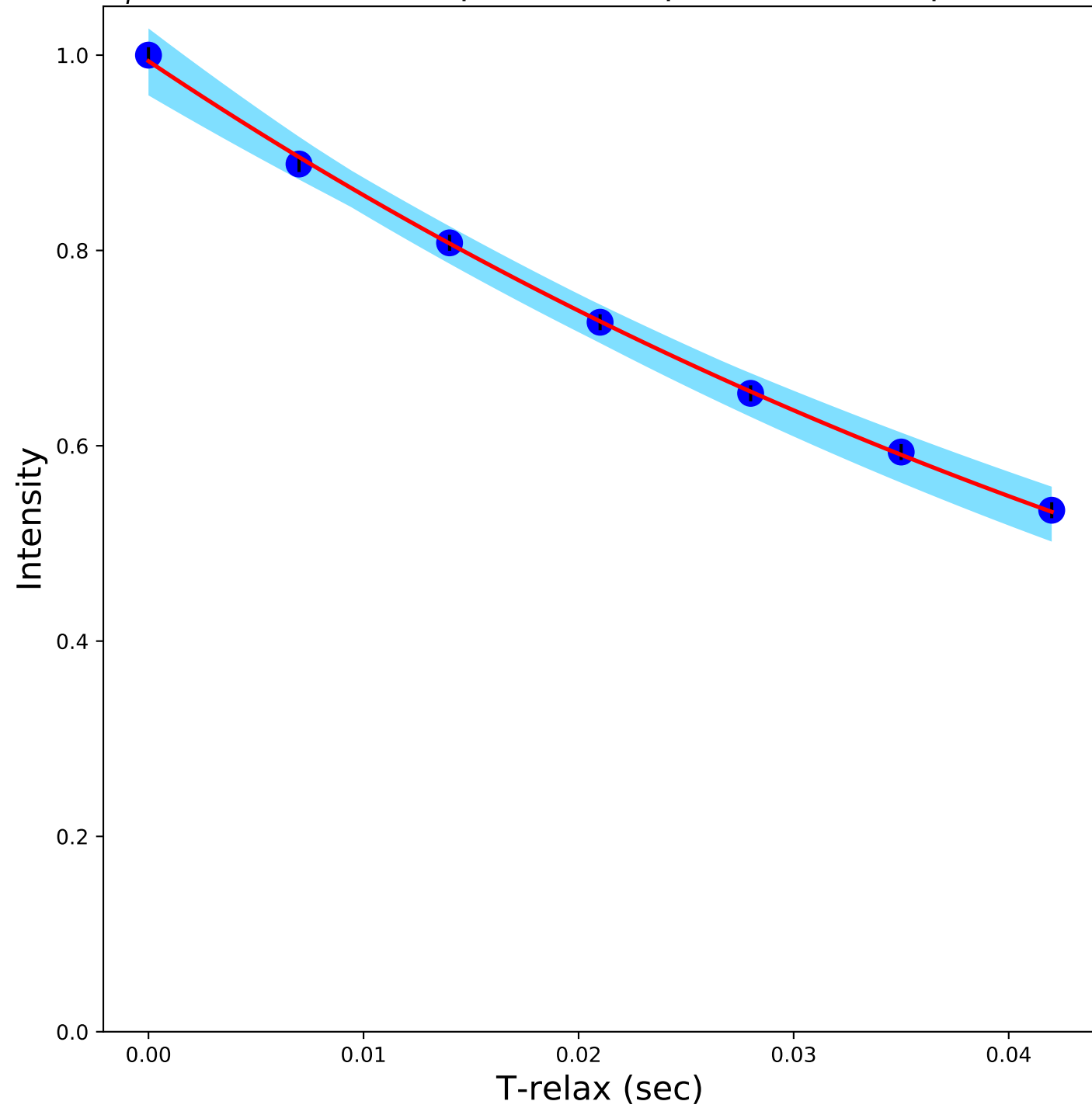
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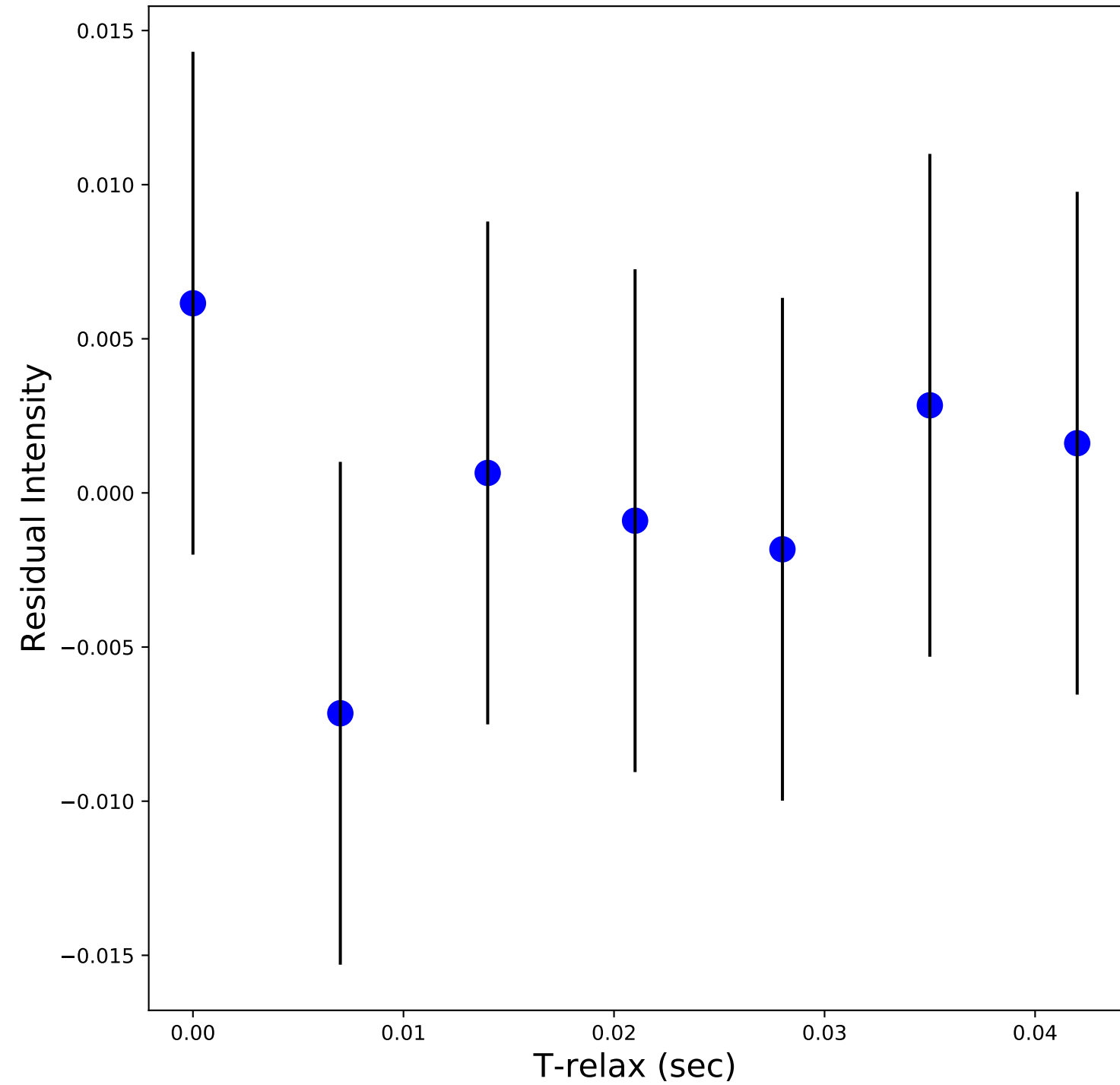
$R_{1\rho}\ 14.97 \pm 0.41\ s^{-1}\ |\ \omega_1\ 600\ Hz\ |\ \Omega_{eff}\ -530\ Hz\ |\ \overline{\chi}^2 = 0.23$
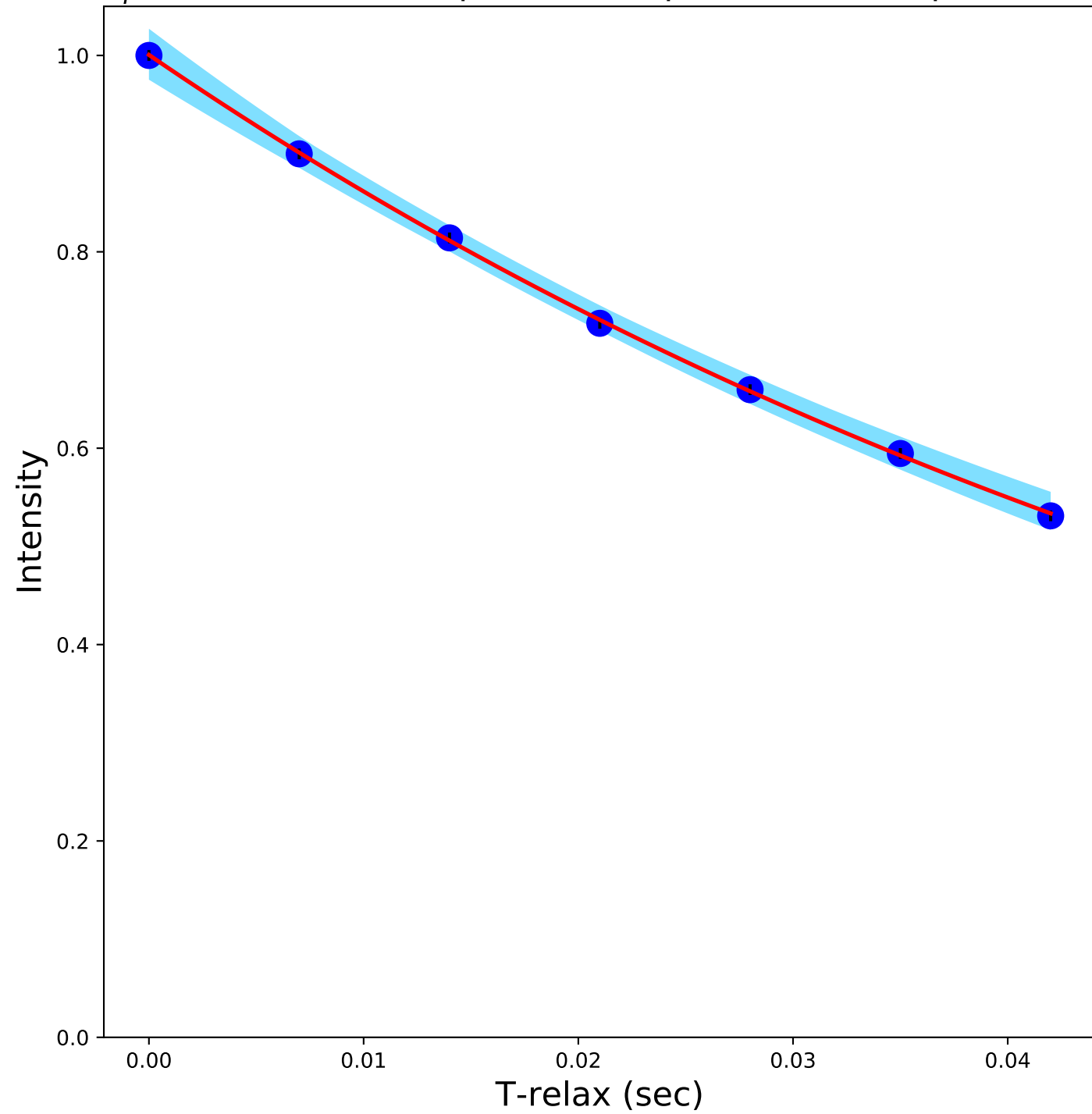
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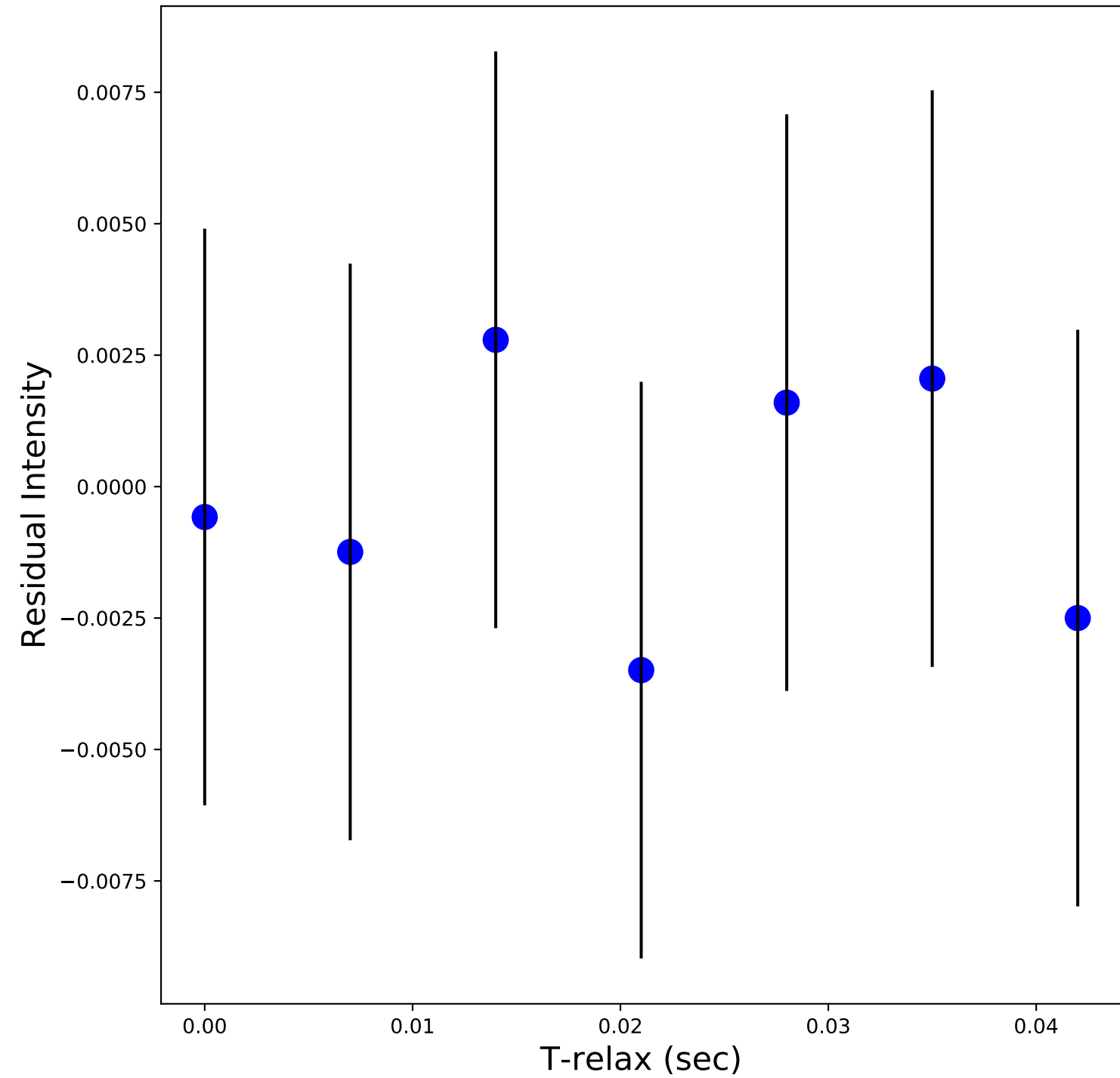
$R_{1\rho}\ 14.57 \pm 0.52\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}-560\,Hz\,|\,\overline{\chi}^2=0.37$
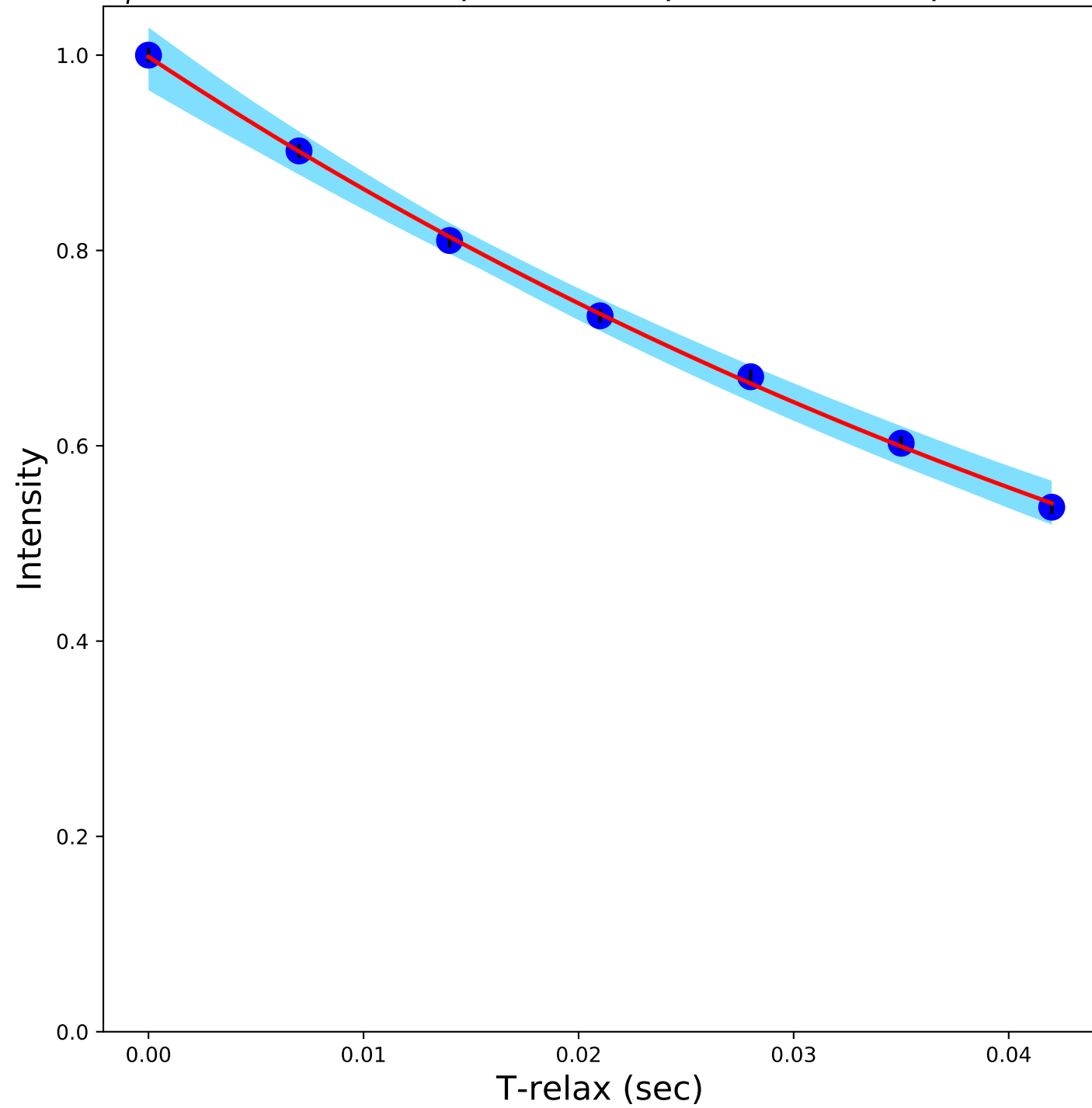
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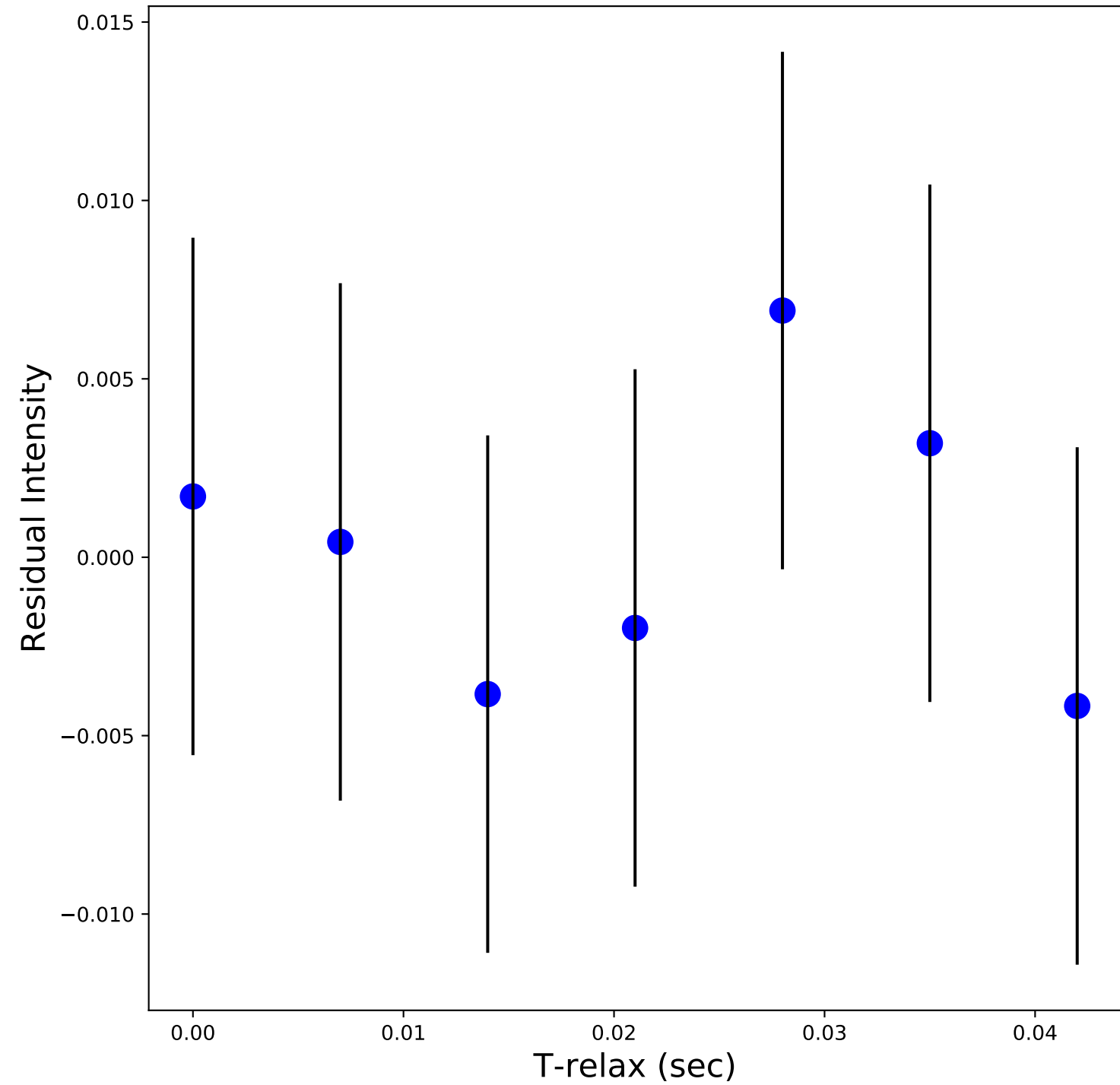
$R_{1\rho}\,13.75 \pm 0.55\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}-580\,Hz\,|\,\overline{\chi}^2 = 2.17$
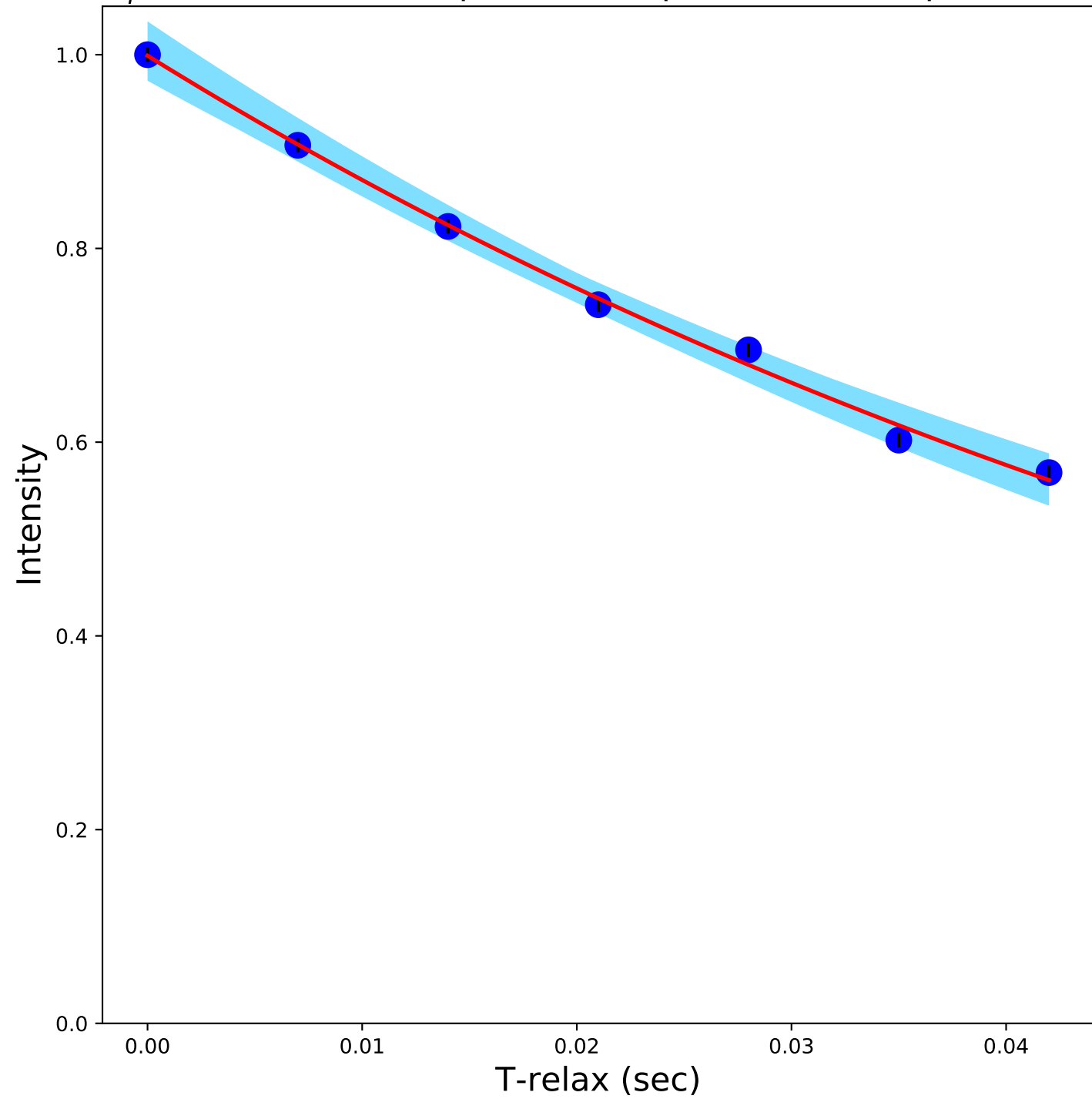
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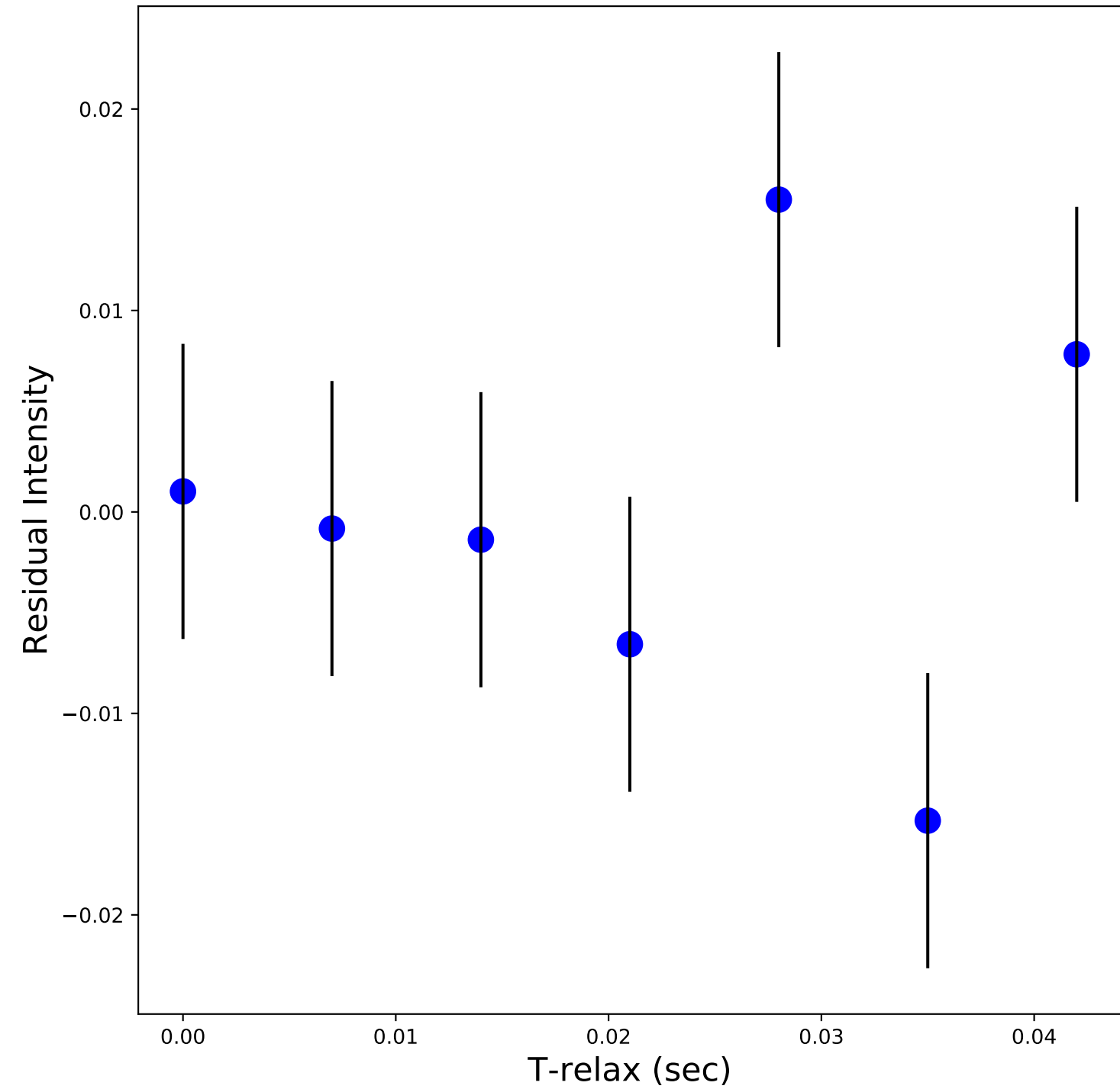
$R_{1\rho}\,13.4 \pm 0.57\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff} - 600\,Hz\,|\,\overline{\chi}^2 = 0.44$
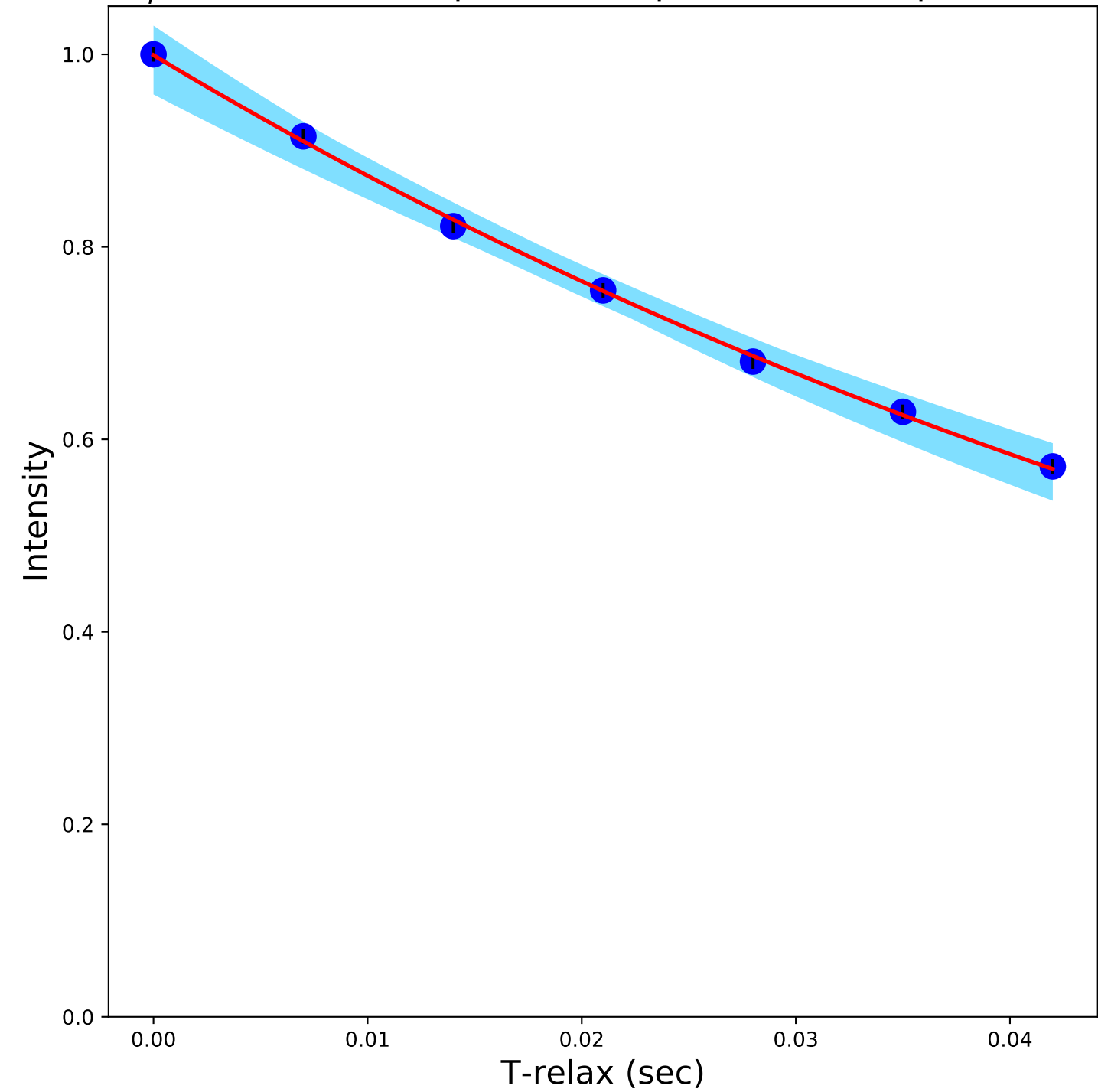
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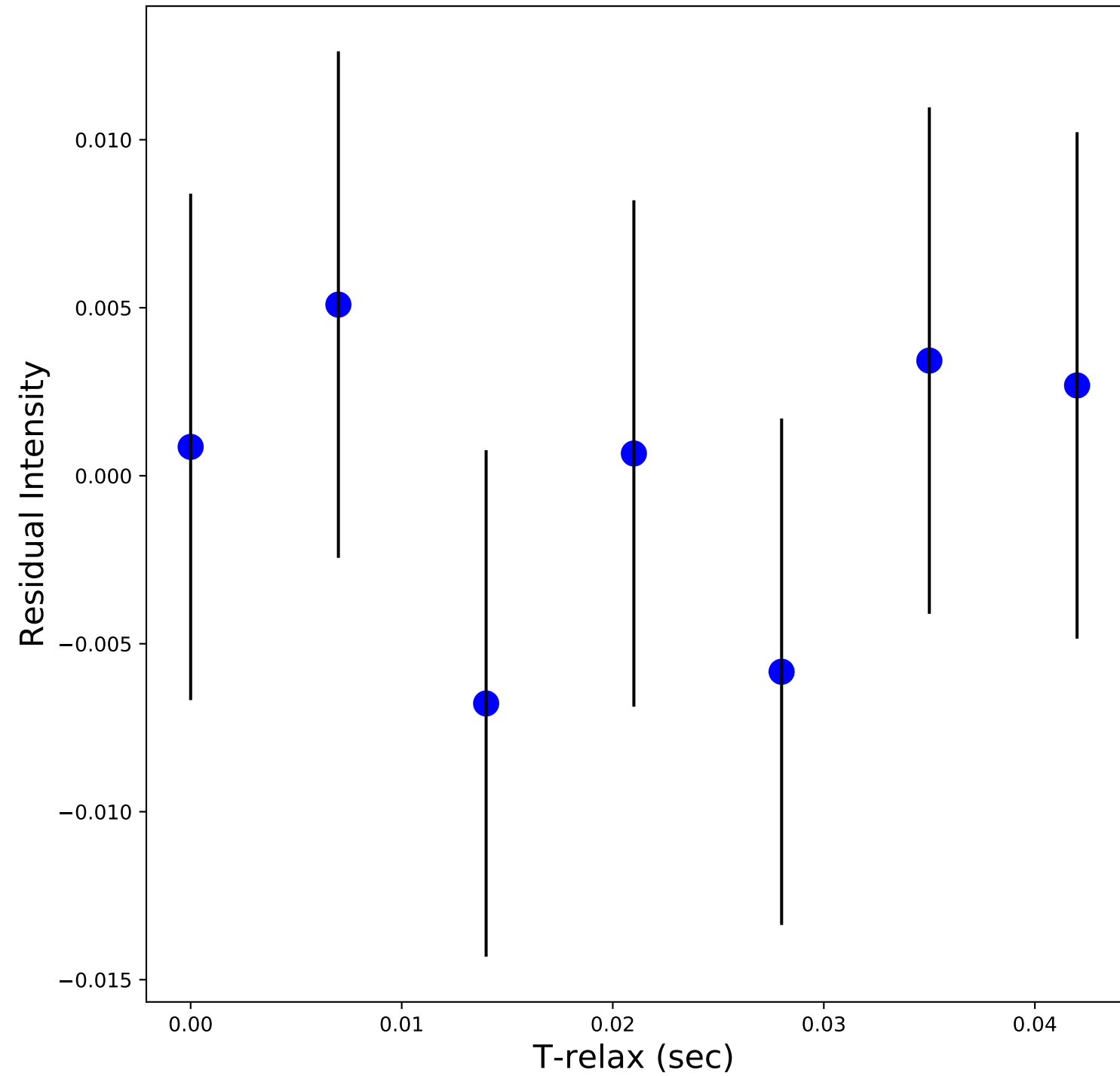
$R_{1\rho}\ 13.21 \pm 0.65\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}-620\,Hz\,|\,\overline{\chi}^2 = 0.39$
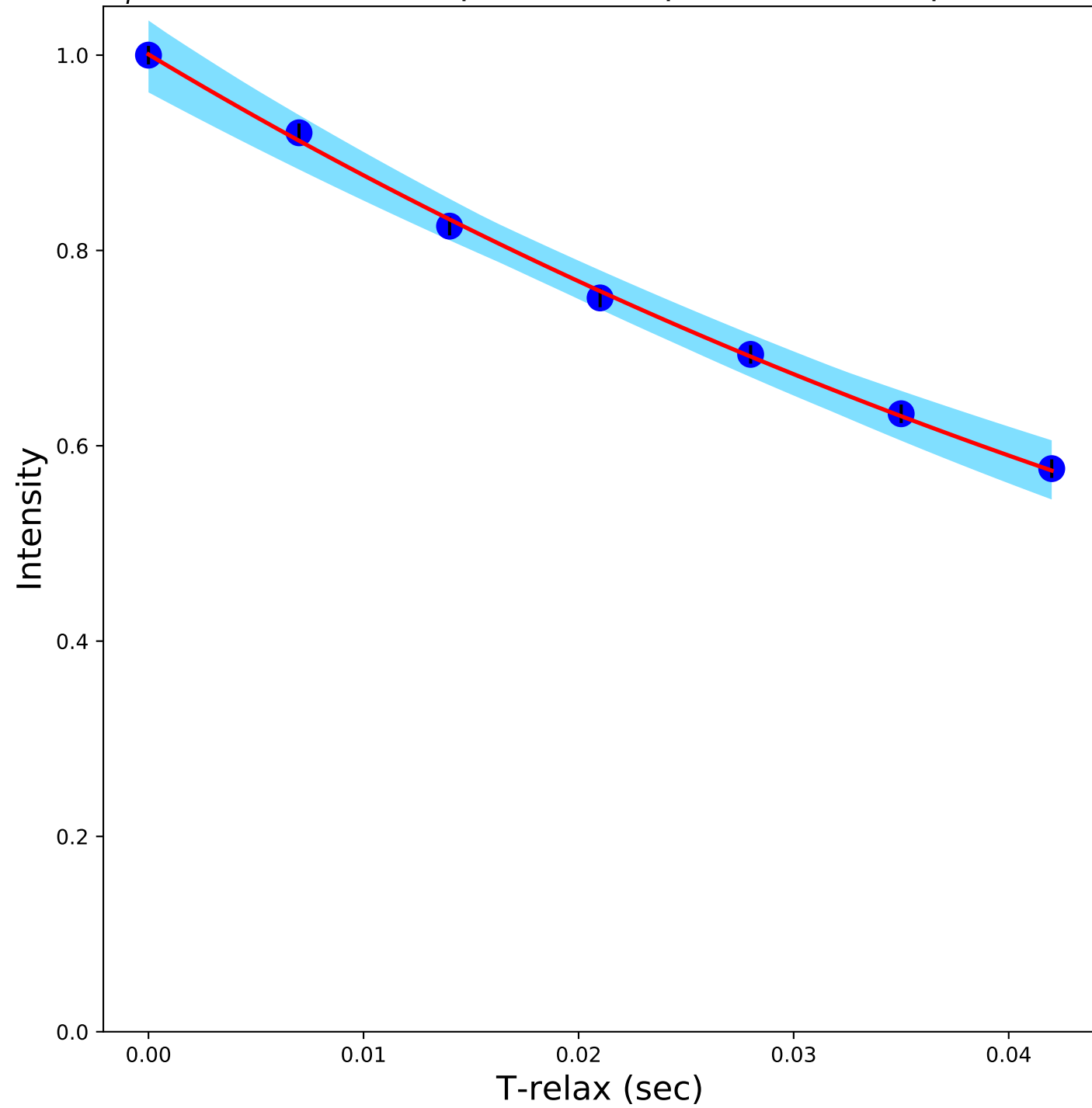
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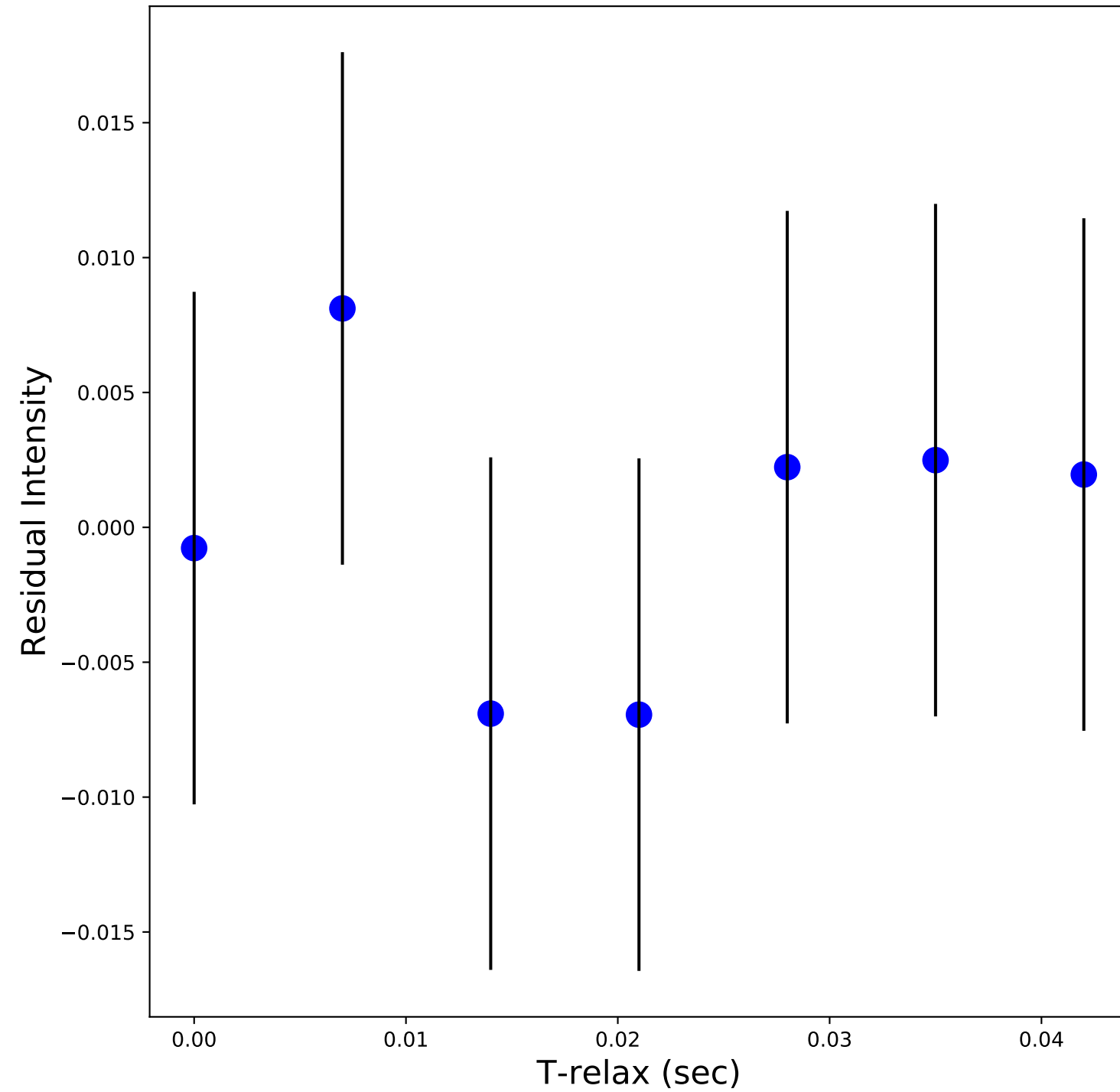
$R_{1\rho}\,12.74 \pm 0.54\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}\,-640\,Hz\,|\,\overline{\chi}^2 = 0.7$
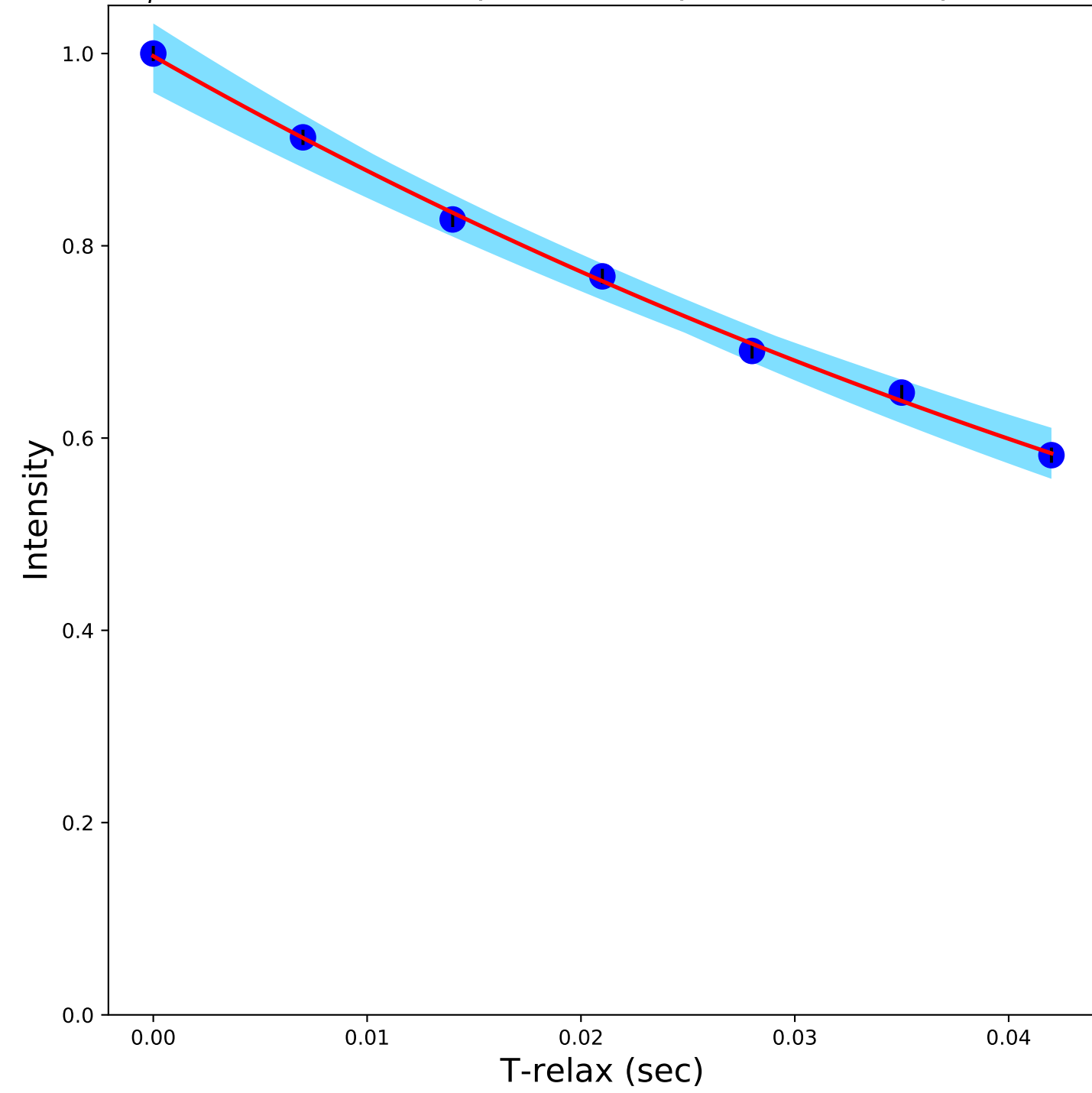
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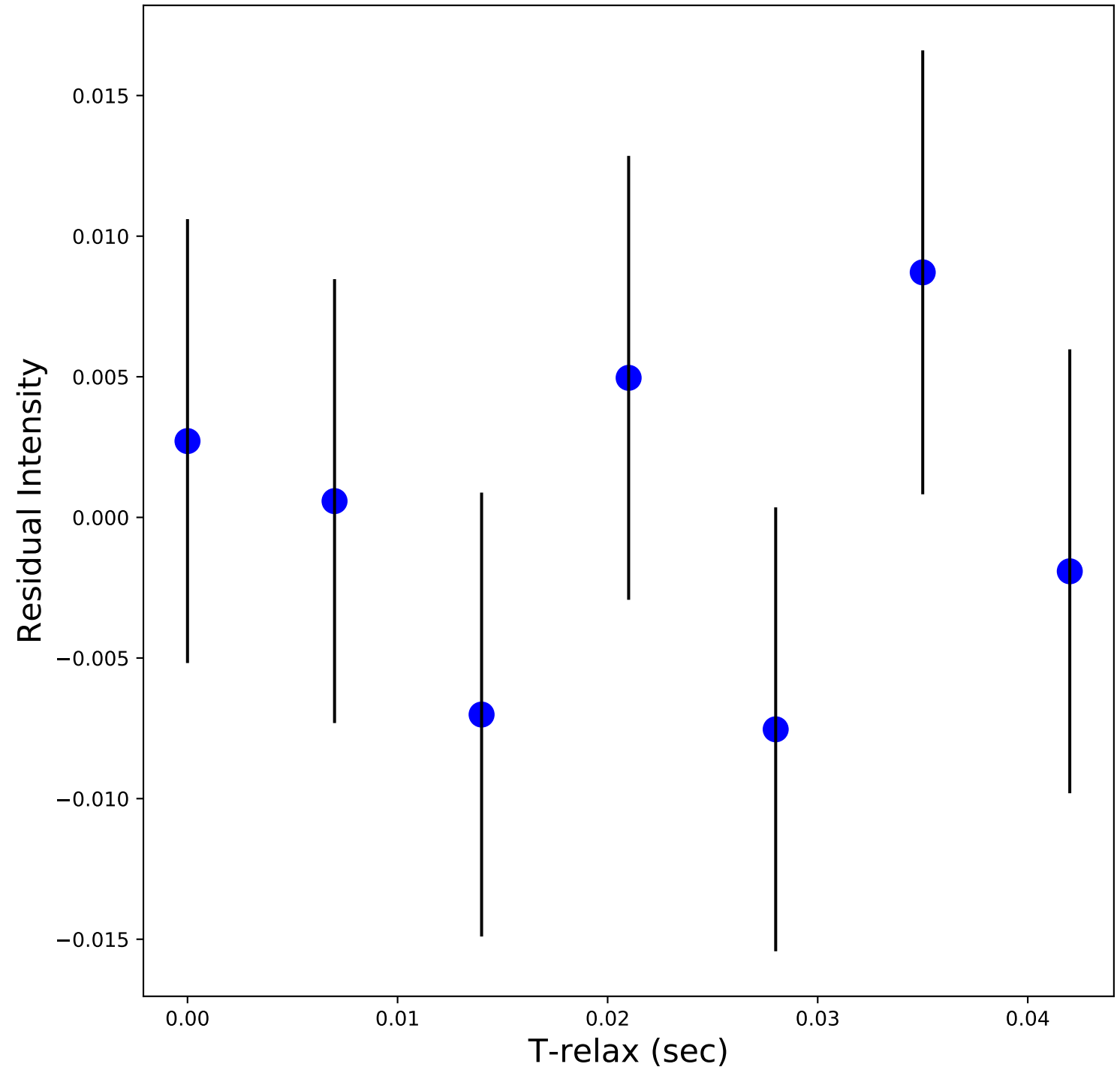
$R_{1\rho}\,11.92 \pm 0.6\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}\,-670\,Hz\,|\,\overline{\chi}^2 = 0.25$
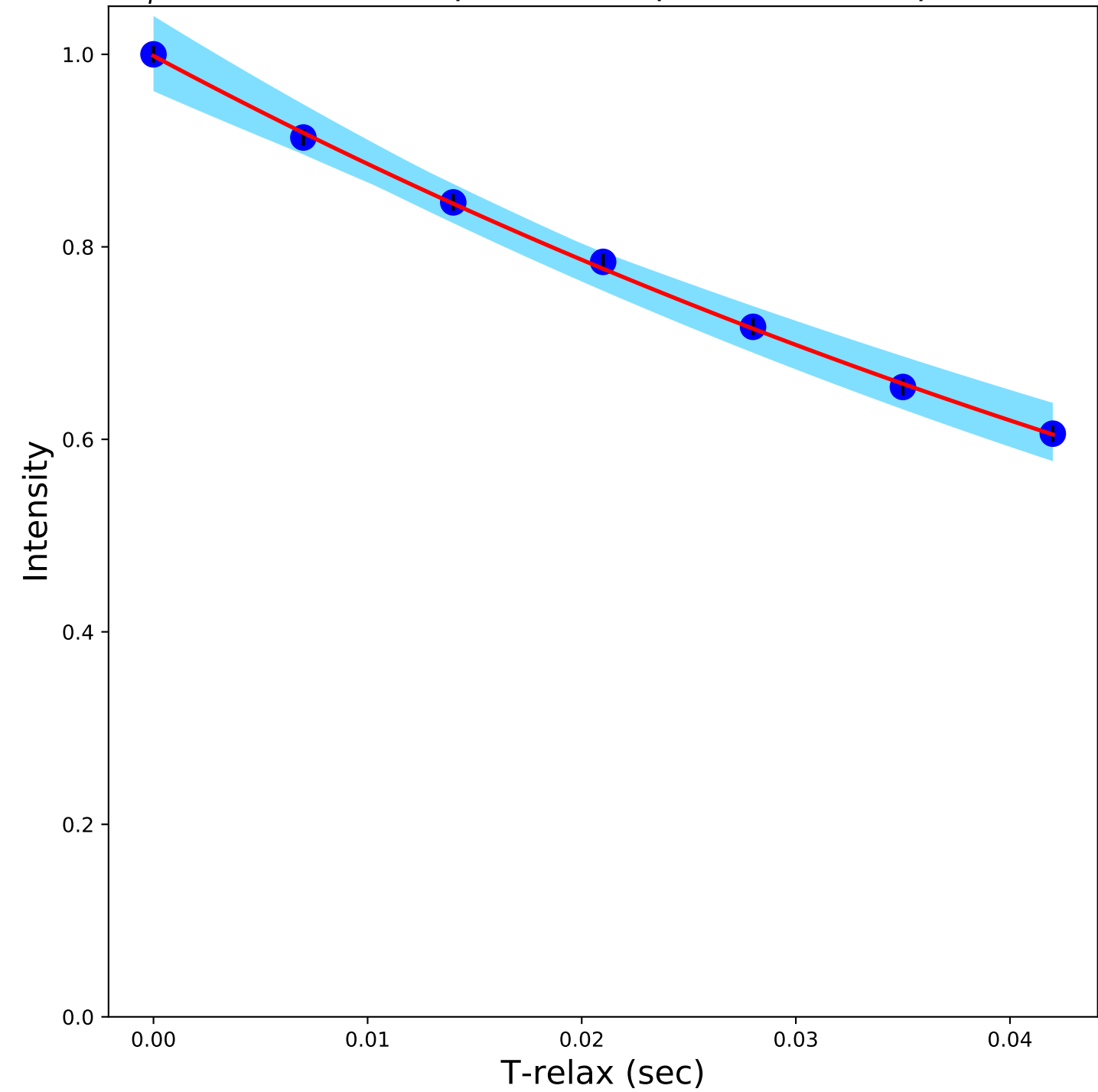
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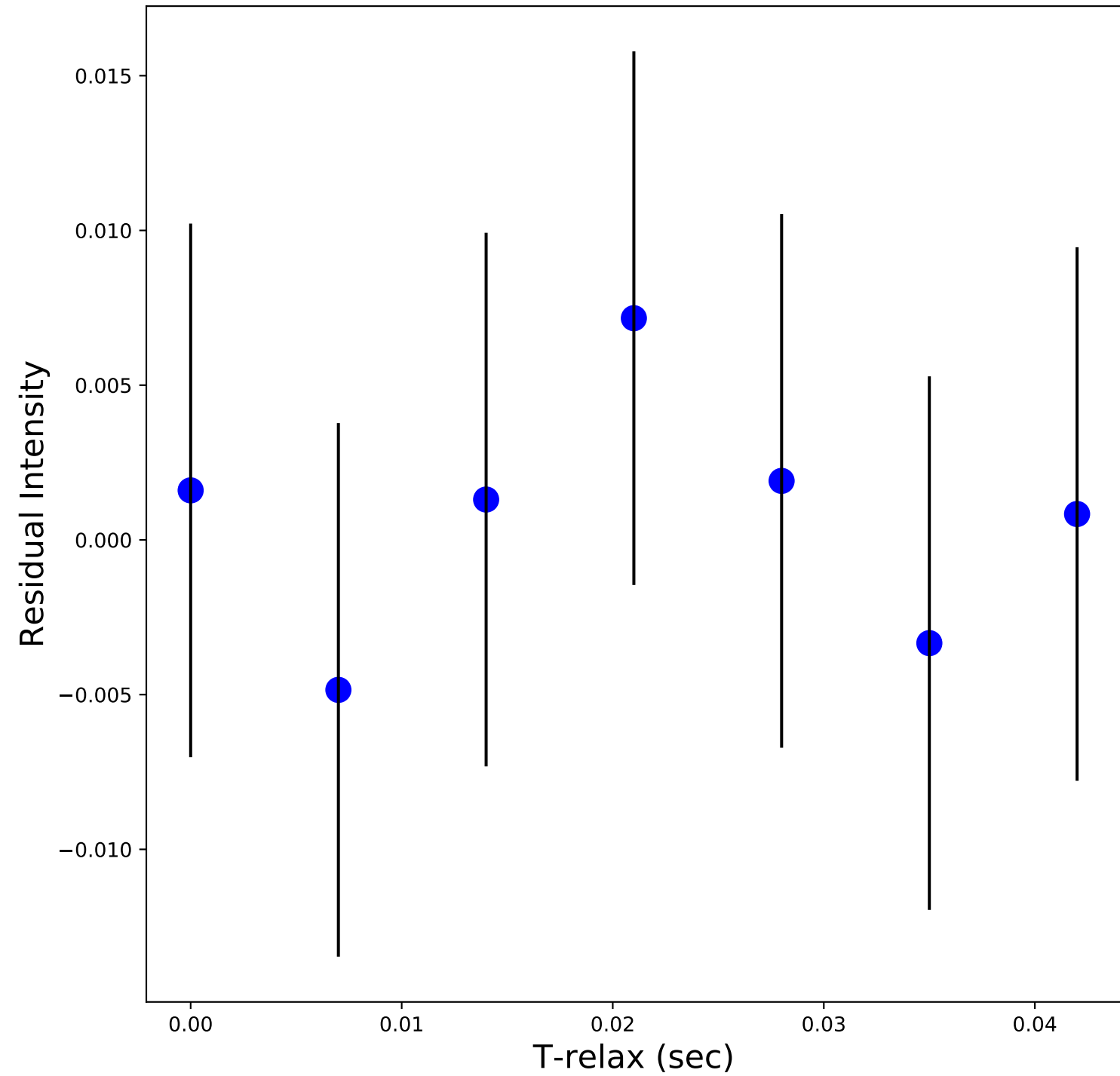
$R_{1\rho}\,11.62 \pm 0.54\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}-700\,Hz\,|\,\overline{\chi}^2 = 0.17$
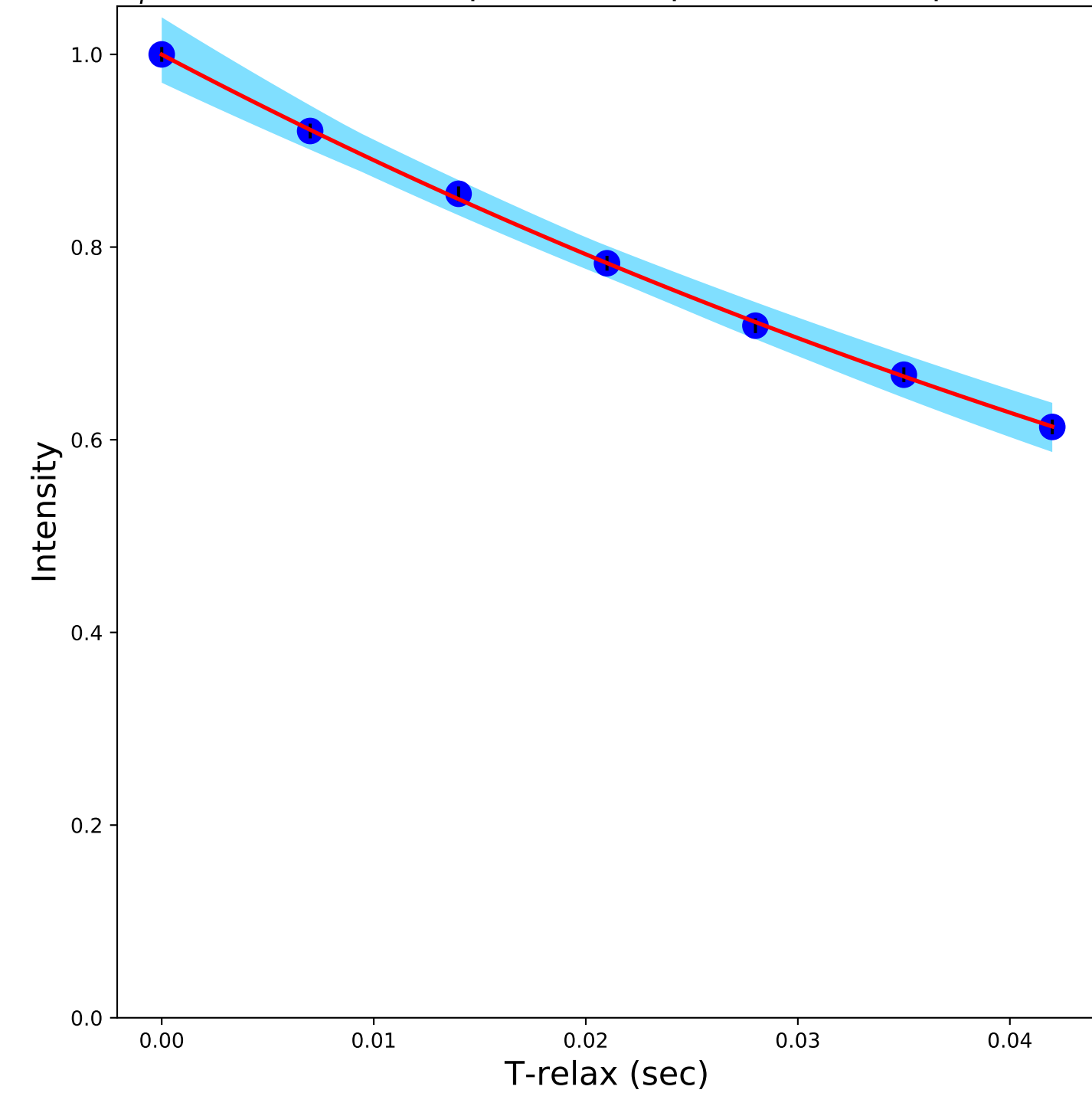
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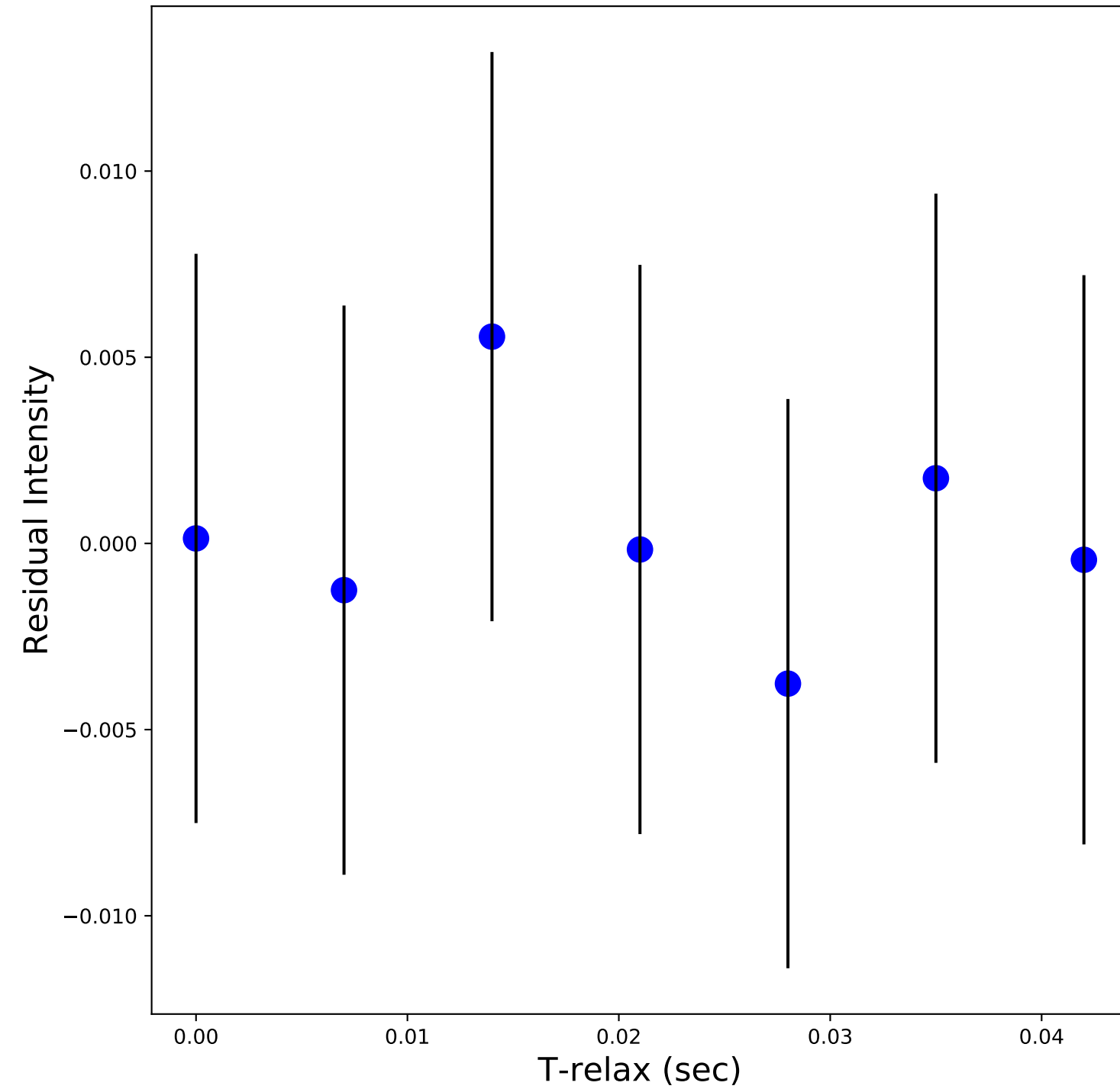
$R_{1\rho}\ 10.07 \pm 0.6\ s^{-1}\ |\ \omega_1\ 600\ Hz\ |\ \Omega_{eff} - 800\ Hz\ |\ \overline{\chi}^2 = 0.3$
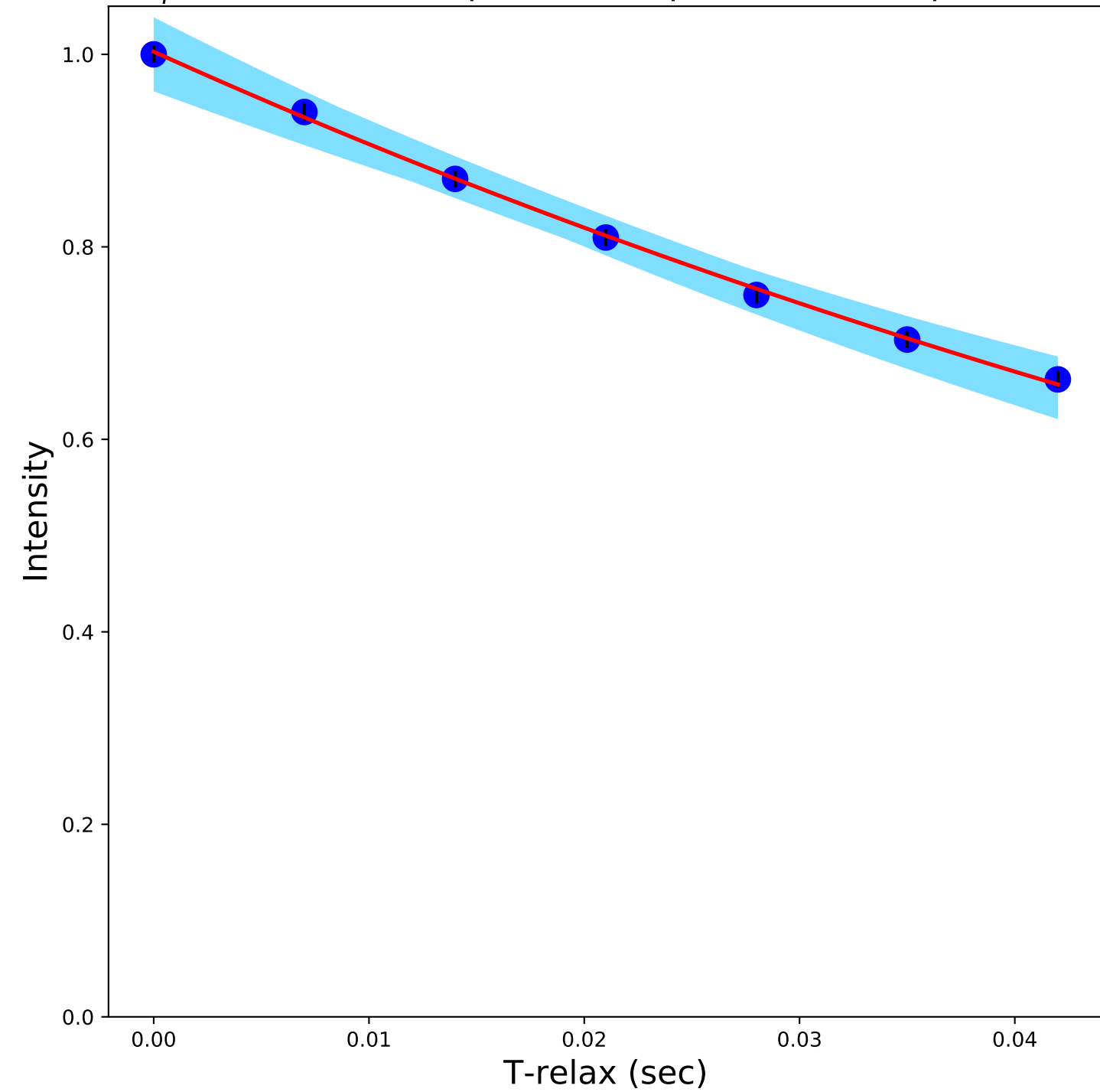
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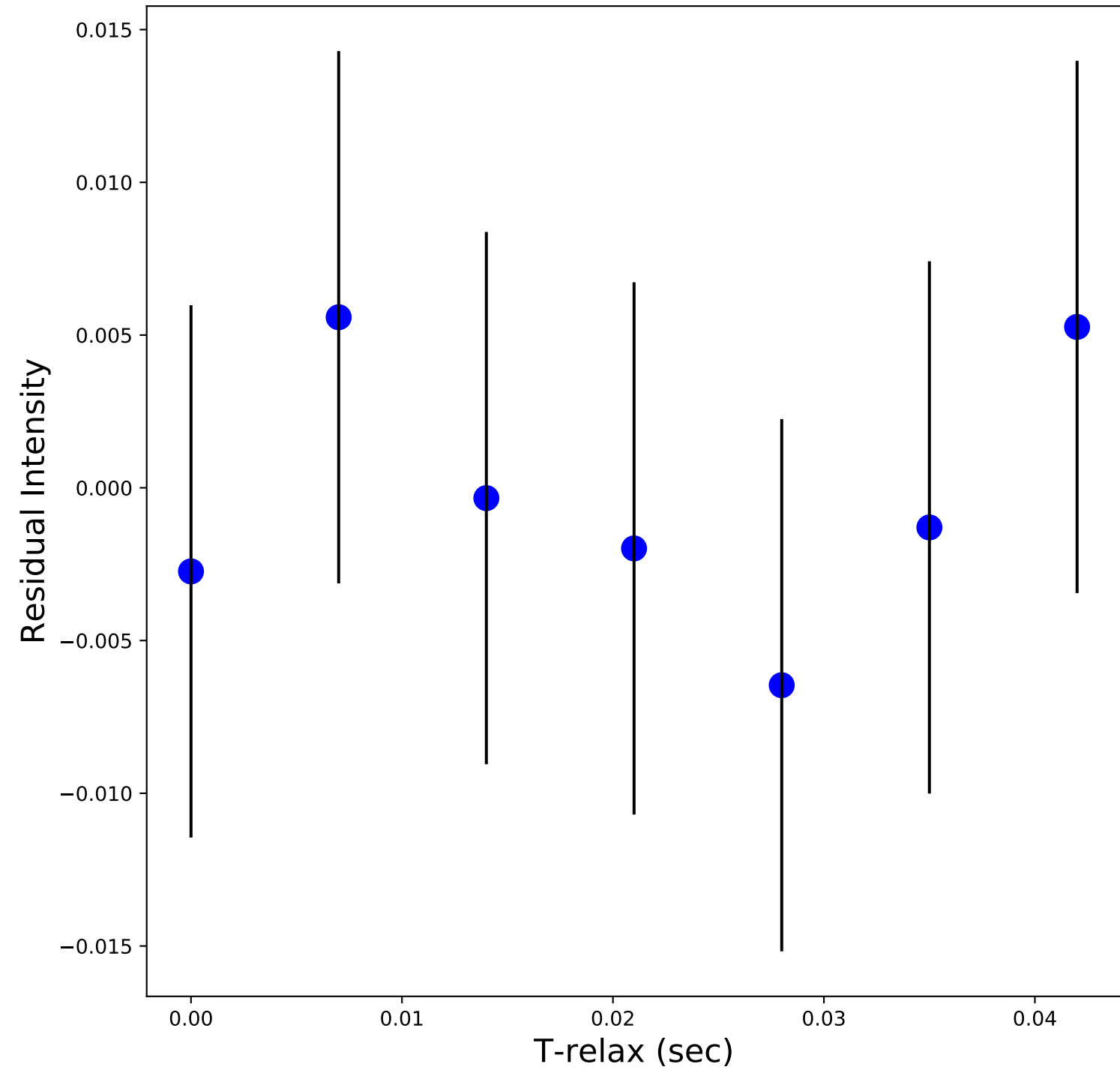
$R_{1\rho}\ 9.06 \pm 0.44\ s^{-1}\,|\,\omega_1\ 600\ Hz\,|\,\Omega_{eff} - 900\ Hz\,|\,\overline{\chi}^2 = 1.24$
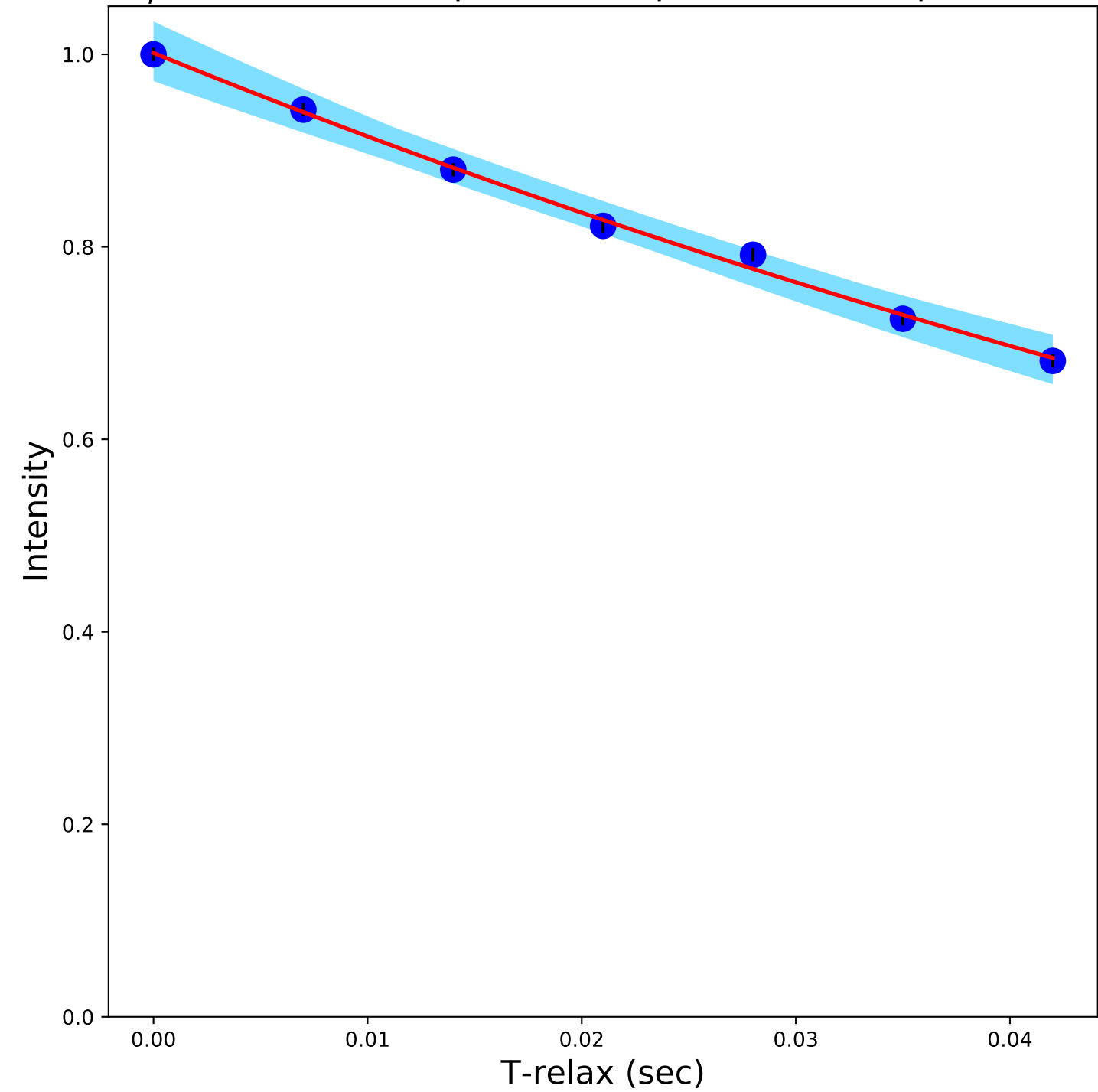
Folder (1538)
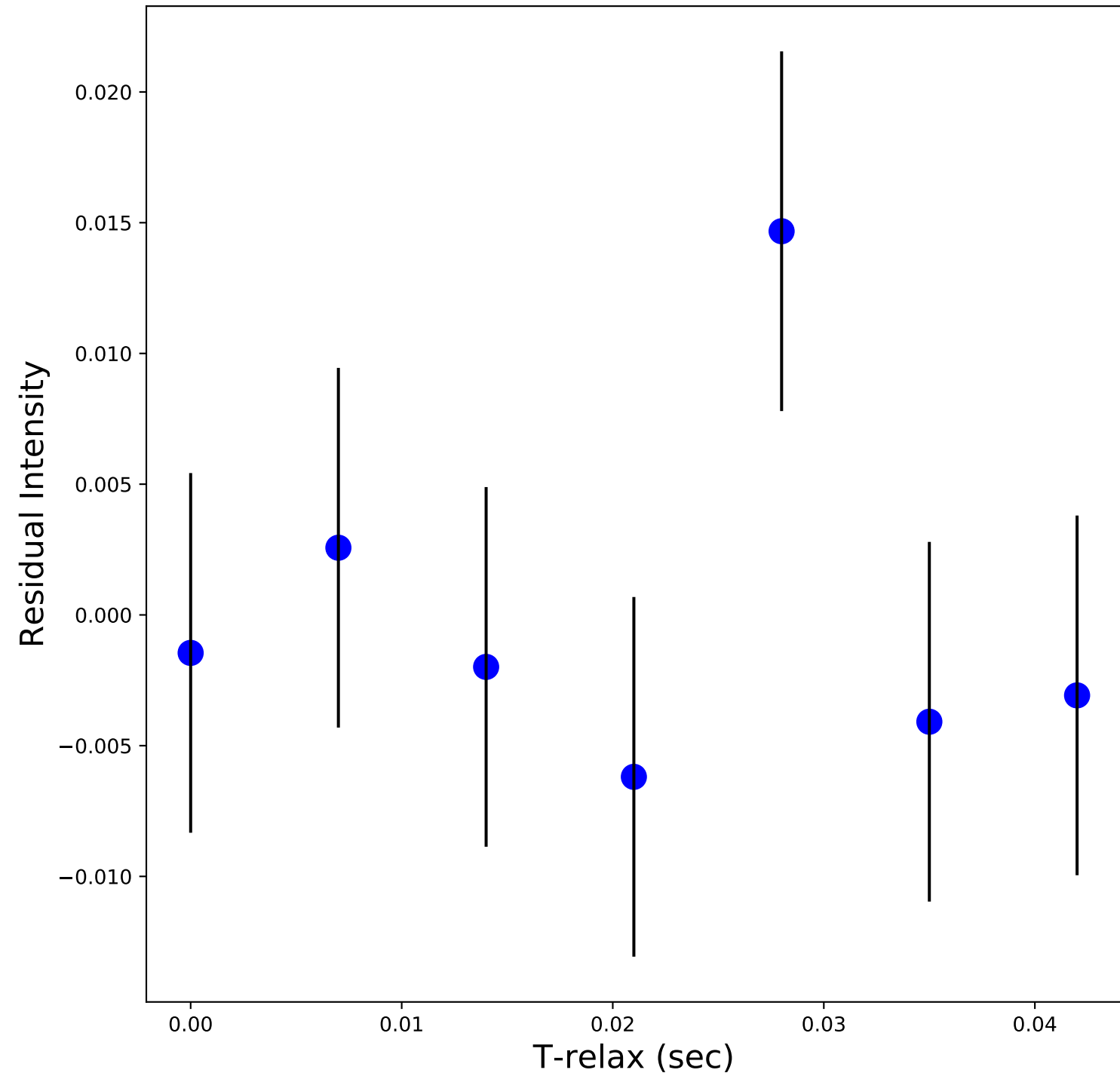
$R_{1\rho}\ 8.21 \pm 0.48\ s^{-1}\ |\ \omega_1\ 600\ Hz\ |\ \Omega_{eff} - 1000\ Hz\ |\ \overline{\chi}^2 = 0.33$
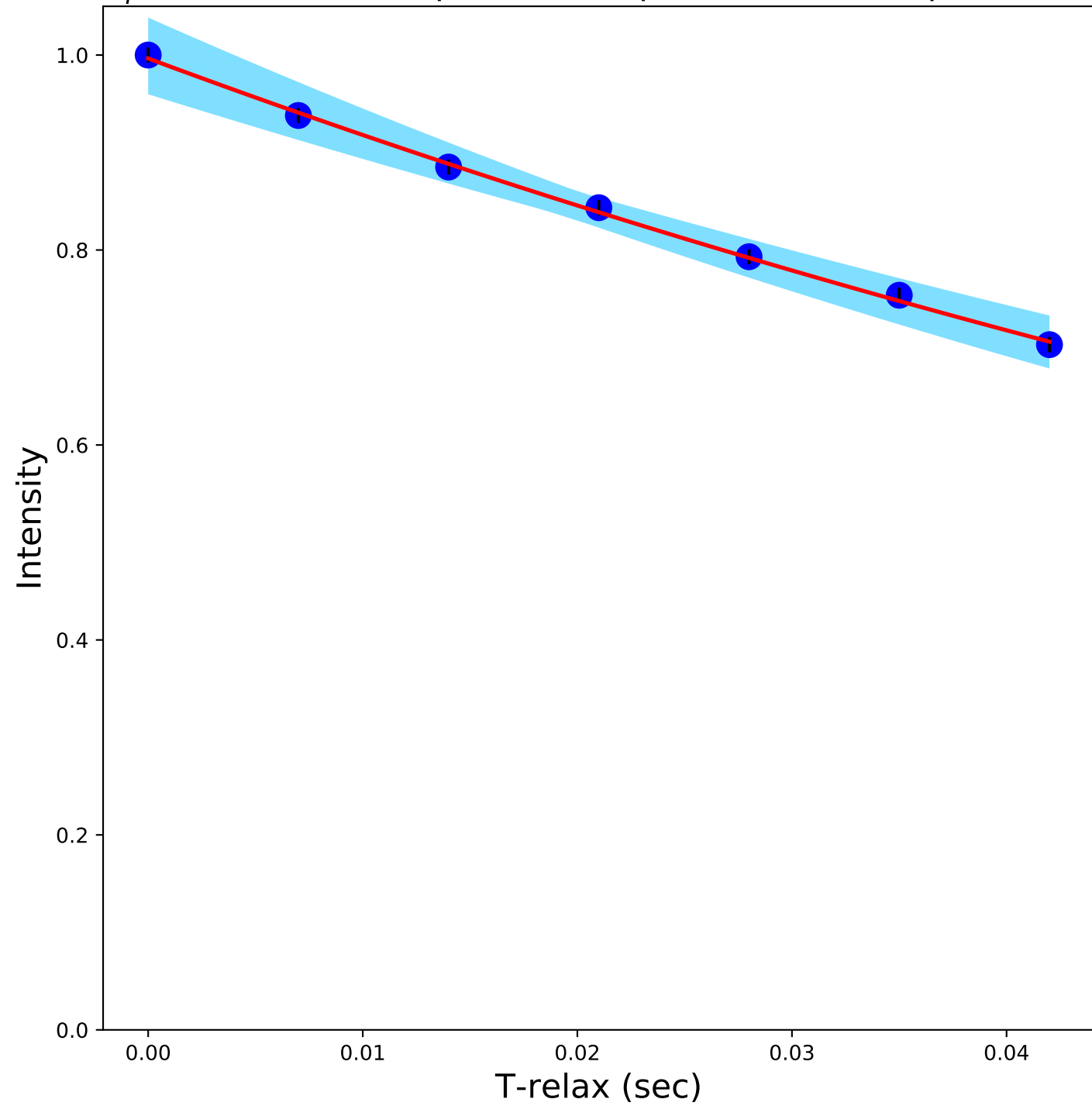
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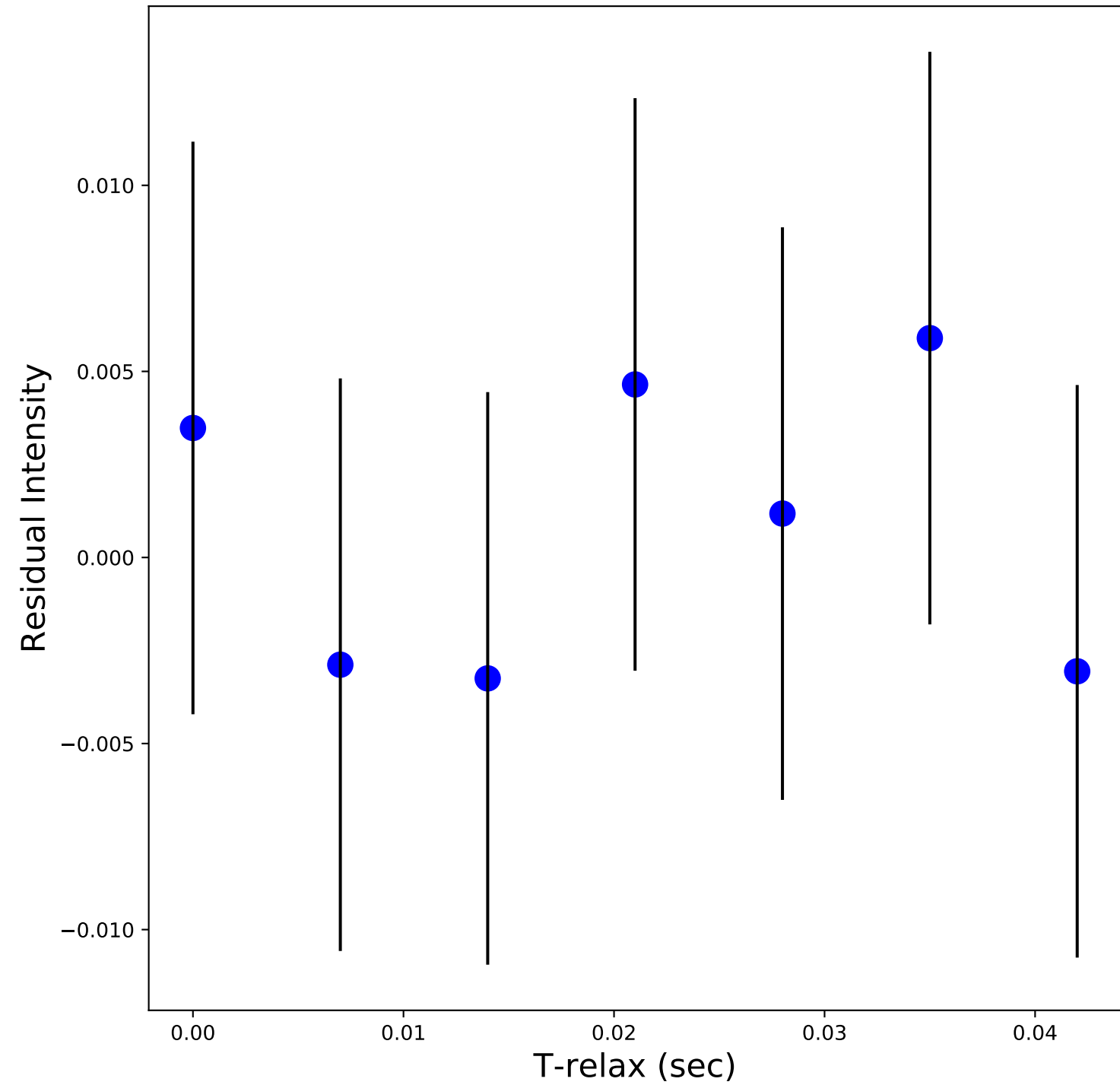
$R_{1\rho}\,6.79 \pm 0.46\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}-1200\,Hz\,|\,\overline{\chi}^2 = 0.3$
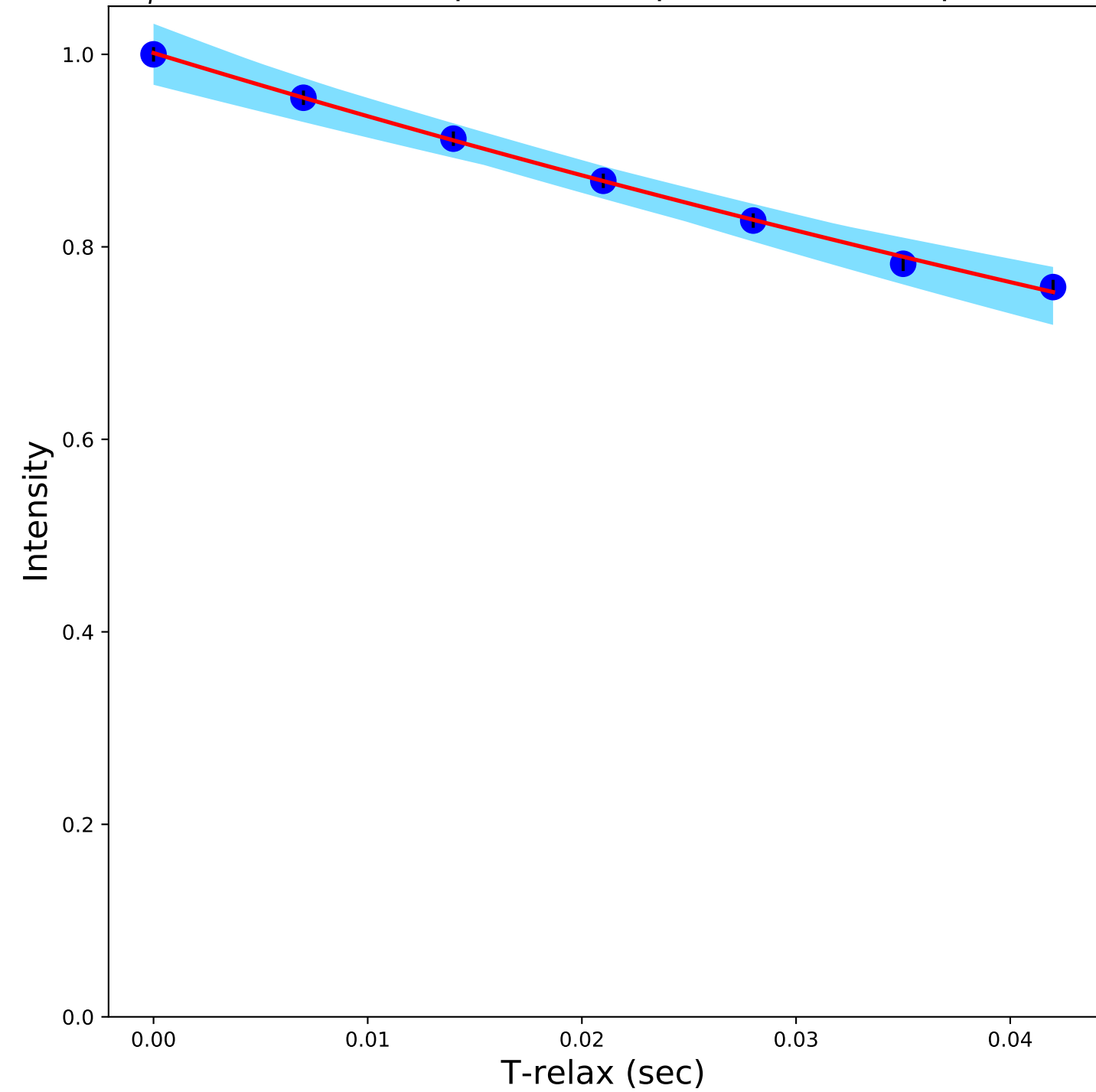
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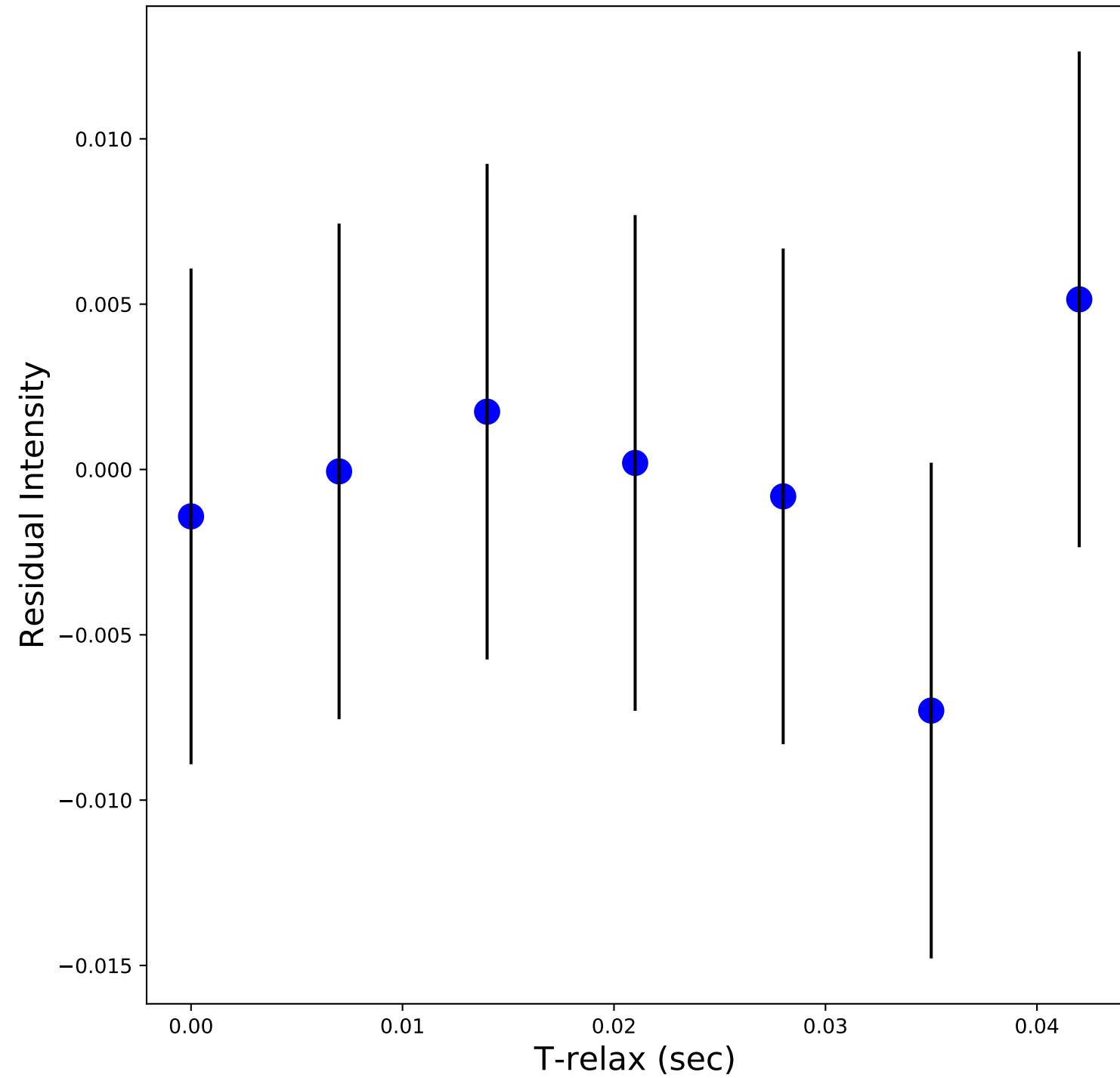
$R_{1\rho}\ 5.62 \pm 0.45\ s^{-1}\ |\ \omega_1\ 600\ Hz\ |\ \Omega_{eff} - 1400\ Hz\ |\ \overline{\chi}^2 = 0.12$
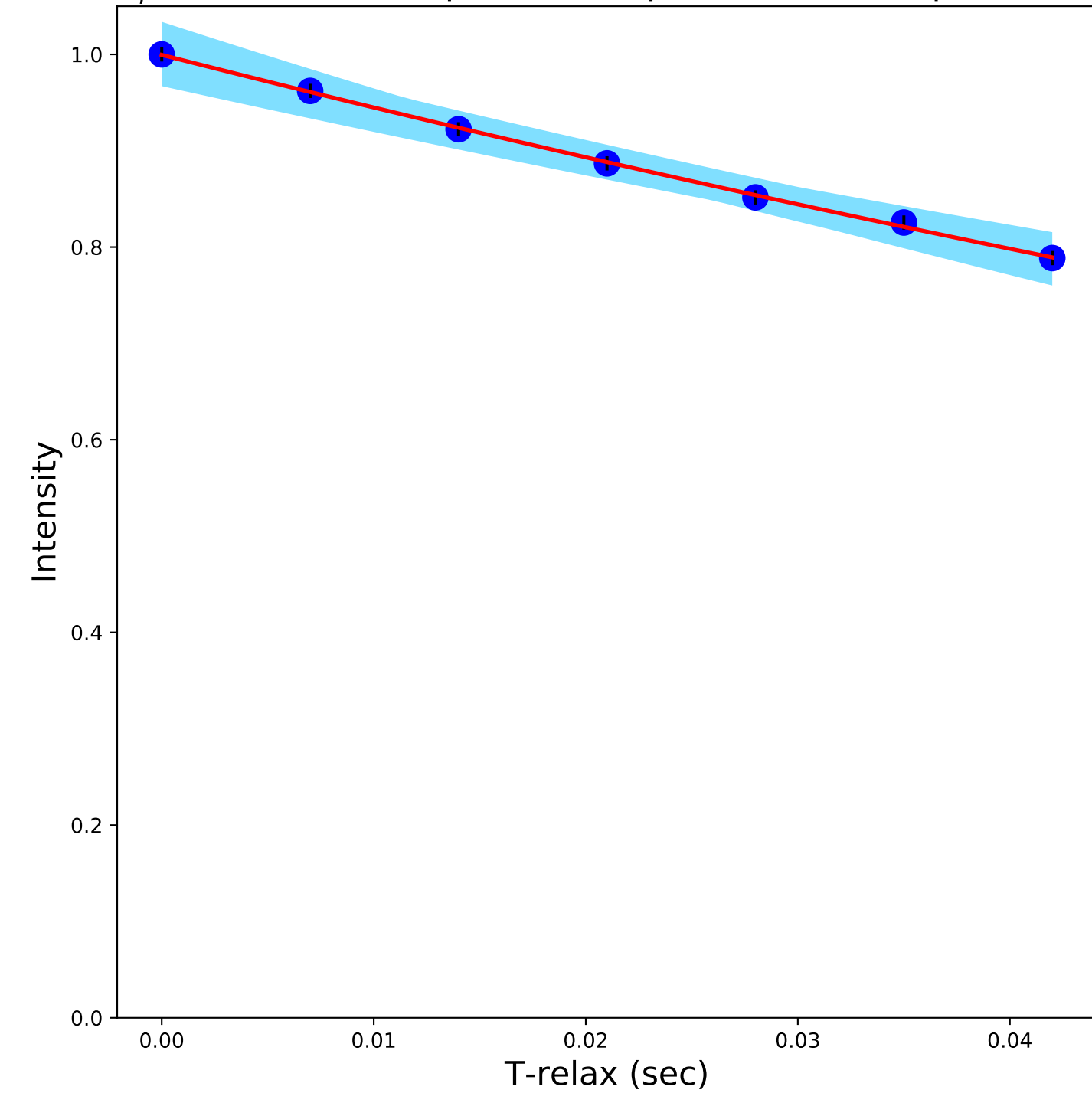
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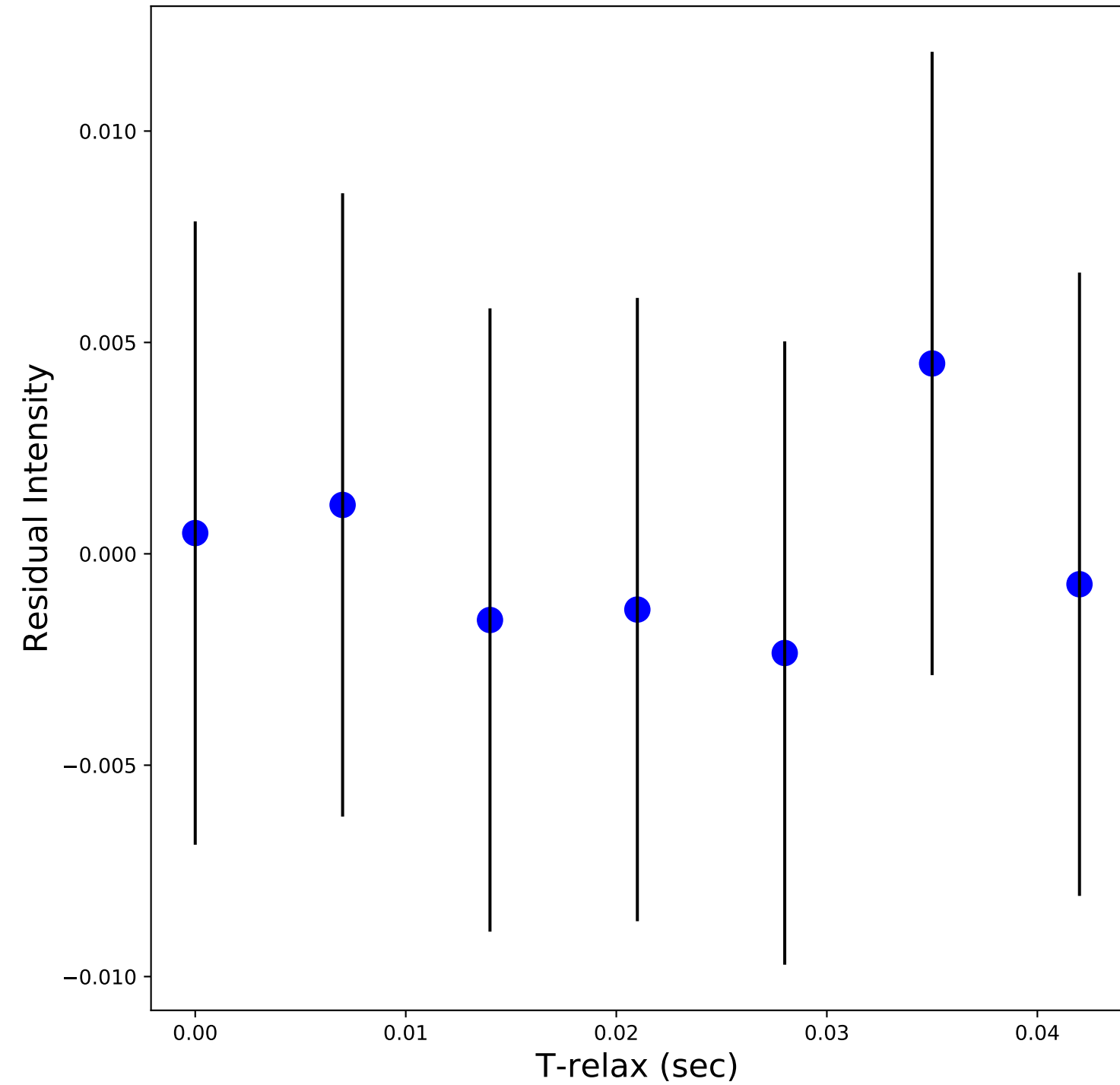
$R_{1\rho}\ 5.08 \pm 0.43\,s^{-1}\,|\,\omega_1\ 600\,Hz\,|\,\Omega_{eff}-1600\,Hz\,|\,\overline{\chi}^2=0.63$
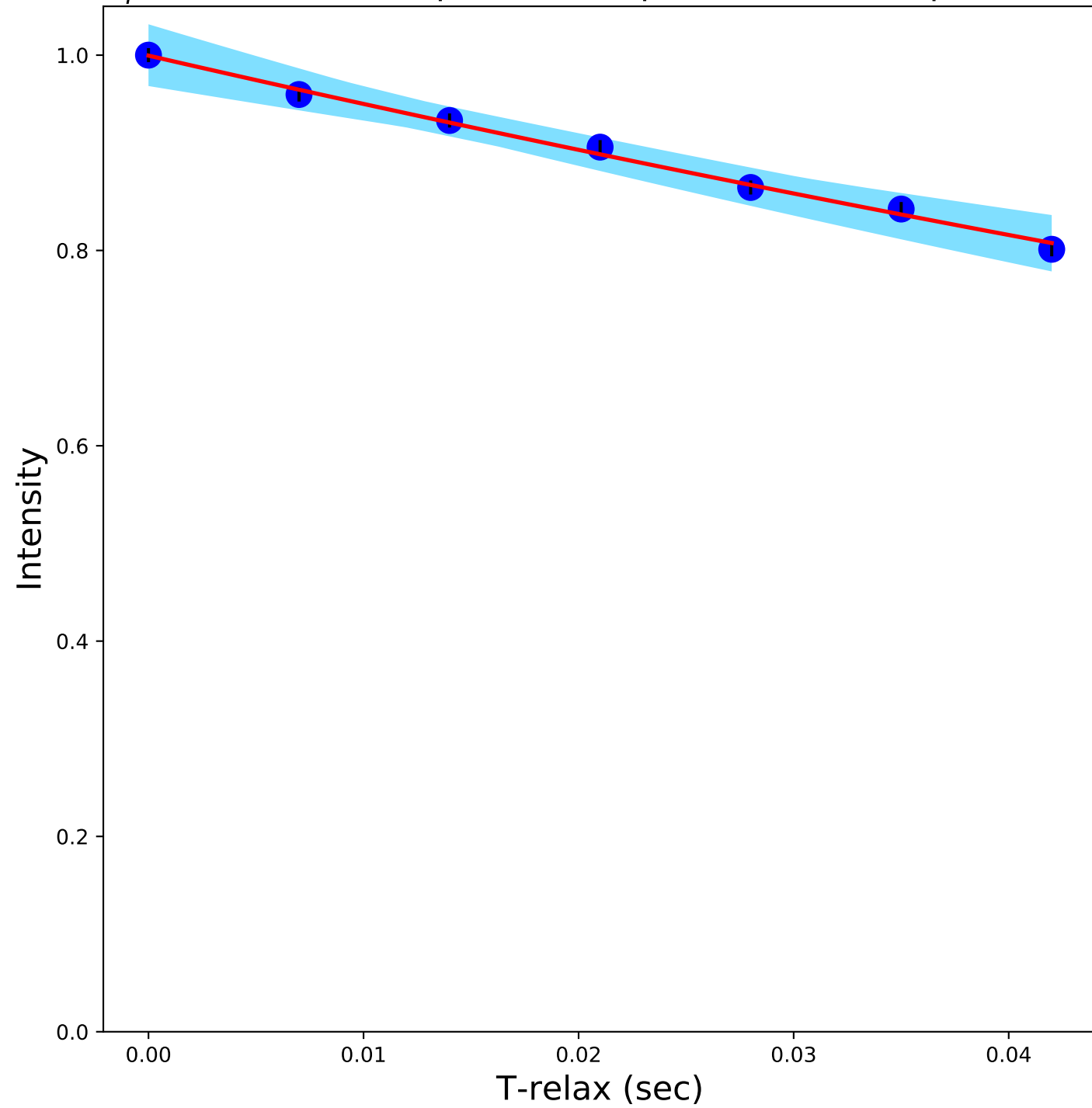
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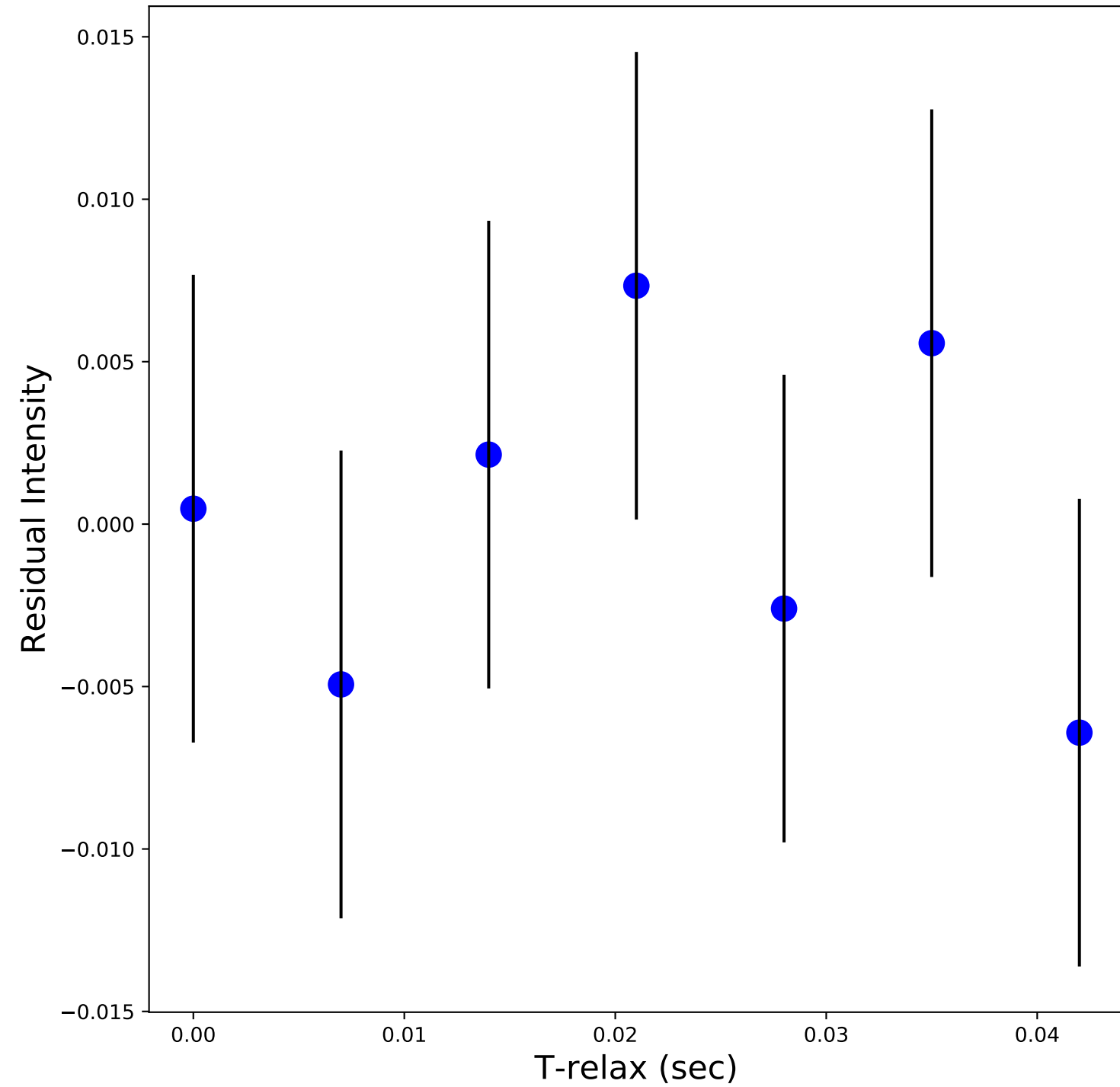
$R_{1\rho}\,4.16 \pm 0.46\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff} - 2000\,Hz\,|\,\overline{\chi}^2 = 0.44$
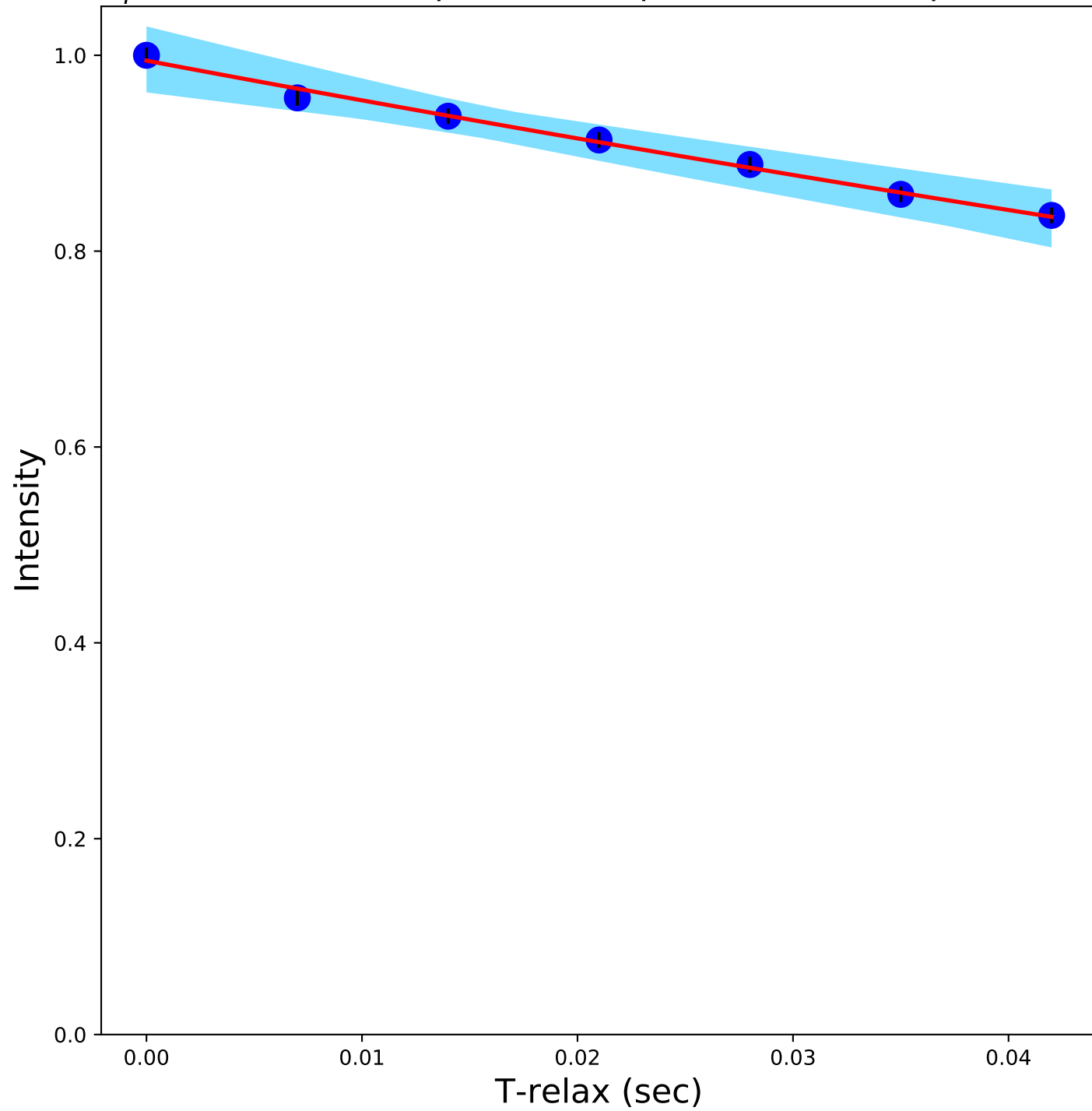
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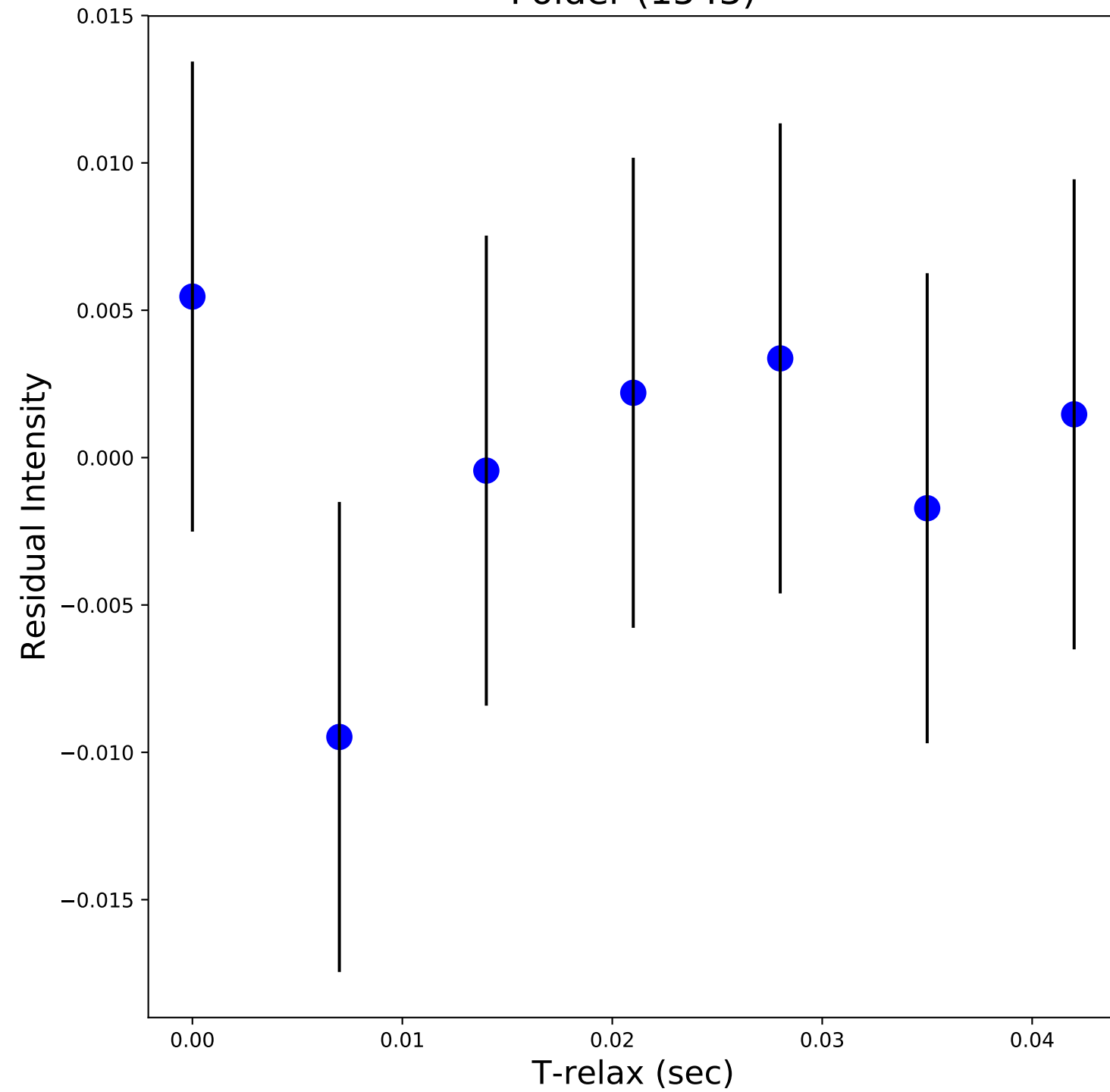
$R_{1\rho}\,3.81 \pm 0.34\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff} - 2400\,Hz\,|\,\overline{\chi}^2 = 0.3$
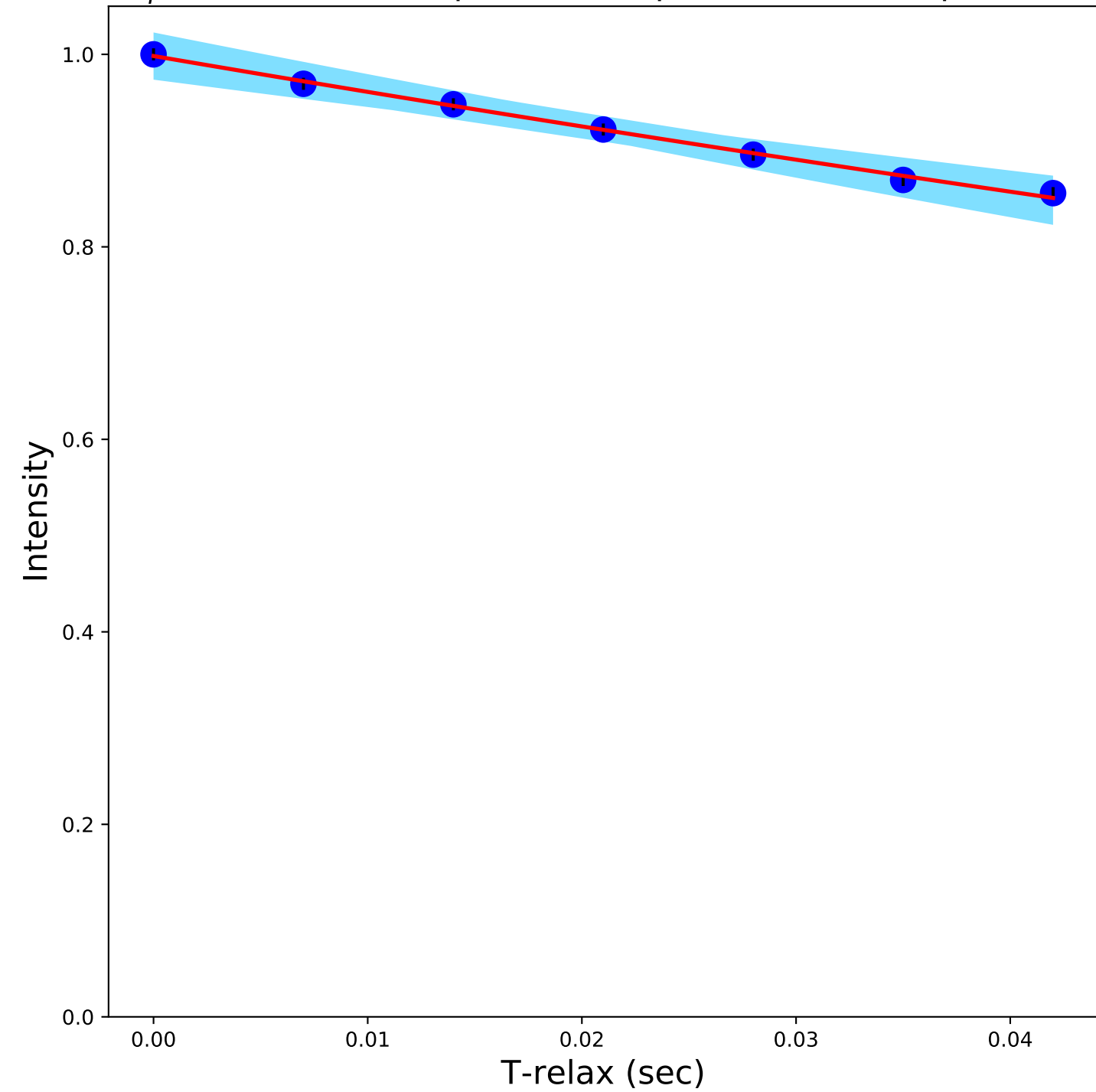
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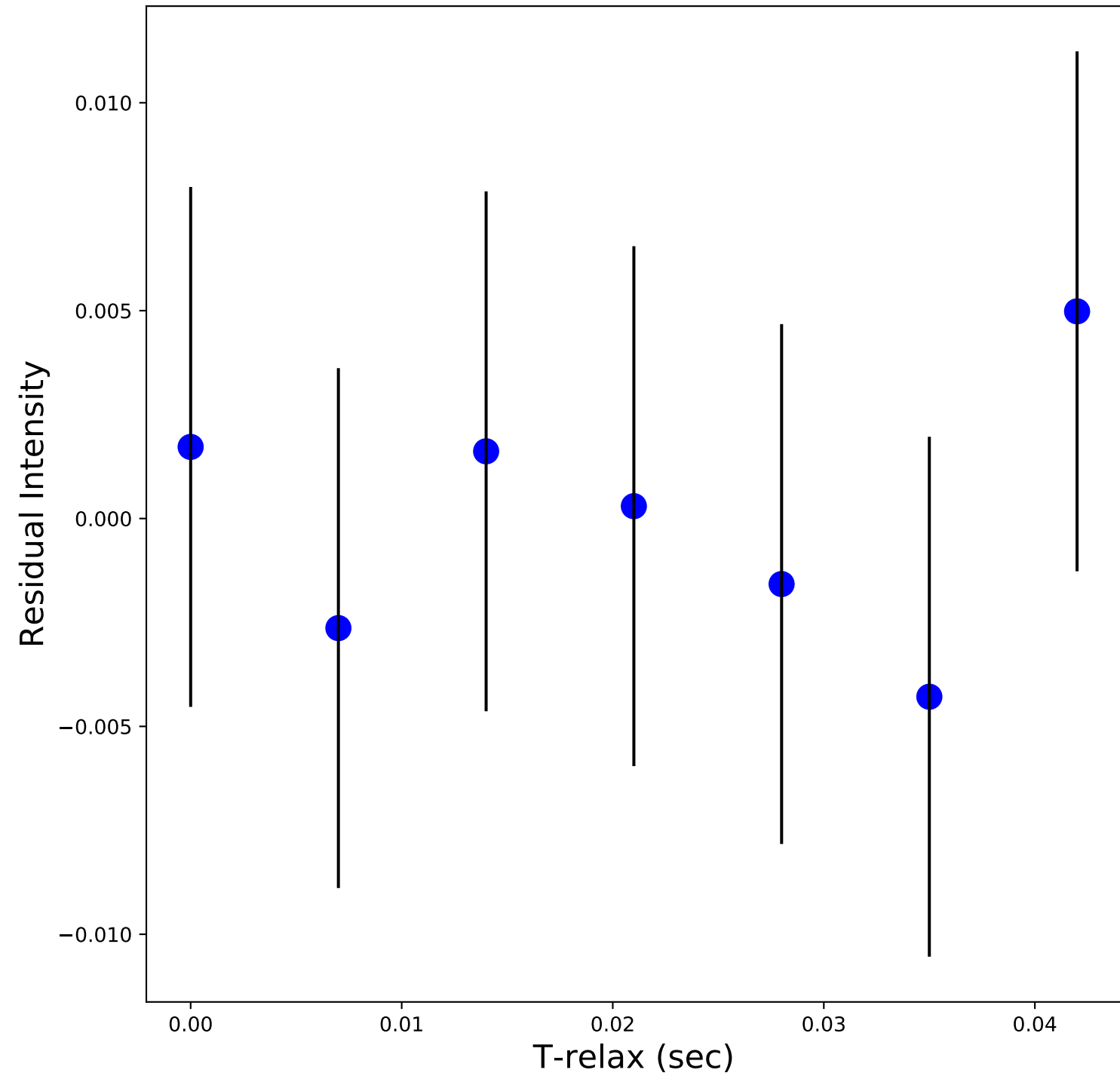
$R_{1\rho}\, 3.6 \pm 0.39\, s^{-1}\,|\,\omega_1\, 600\, Hz\,|\,\Omega_{eff} - 2800\, Hz\,|\,\overline{\chi}^2 = 0.15$
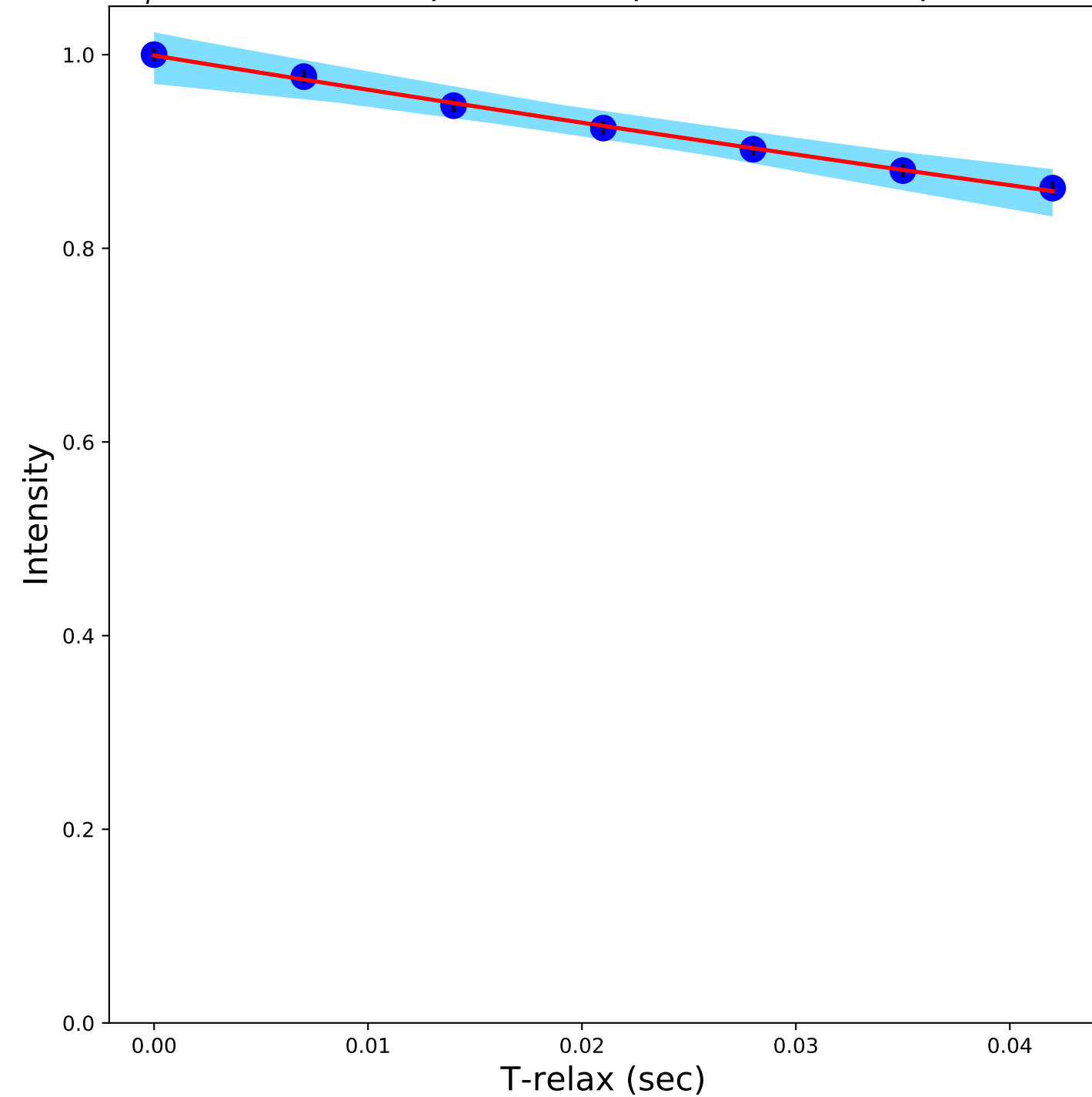
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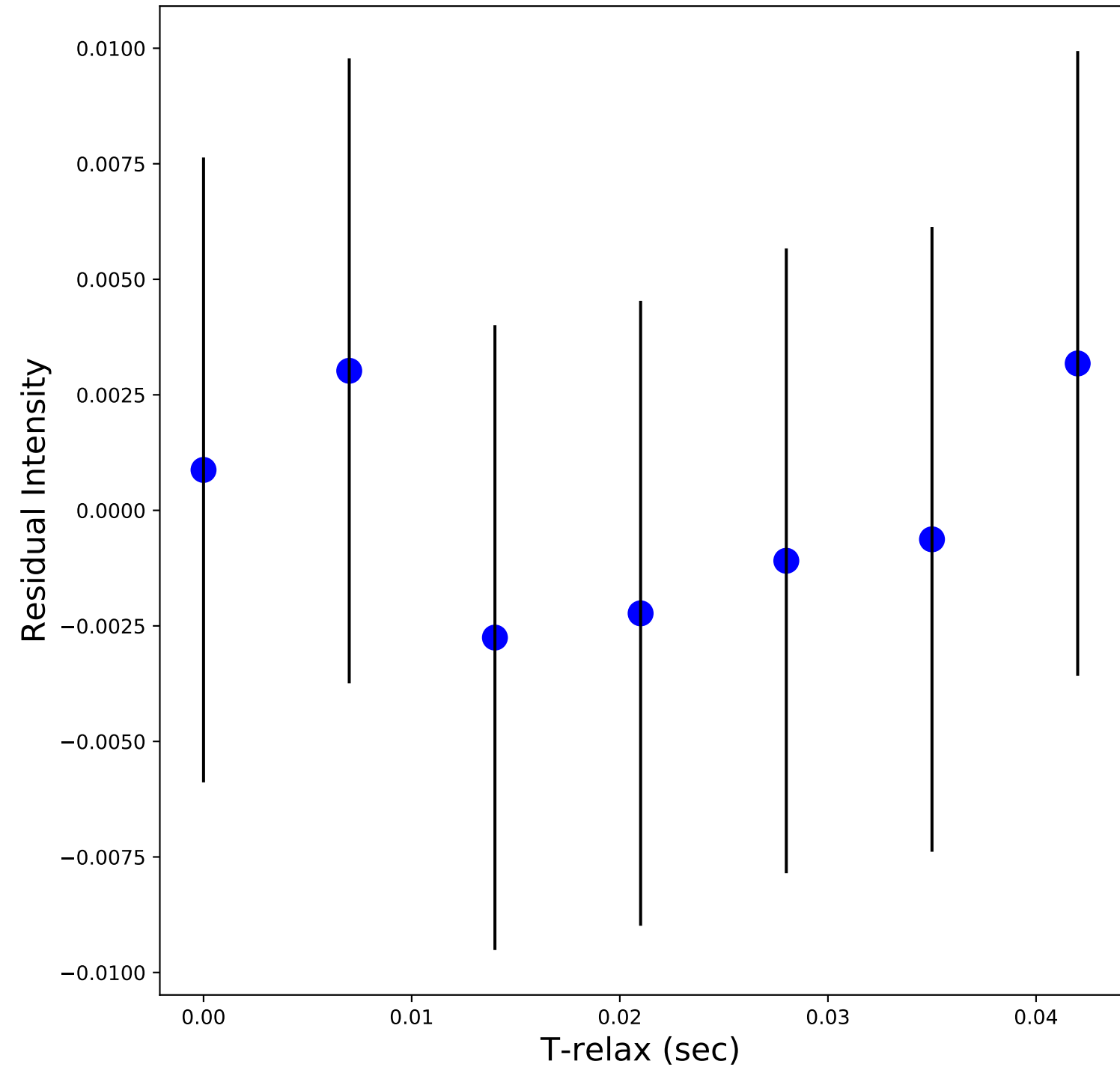
$R_{1\rho}\ 3.63 \pm 0.48\,s^{-1}\,|\,\omega_1\ 600\,Hz\,|\,\Omega_{eff} - 3200\,Hz\,|\,\overline{\chi}^2 = 0.28$
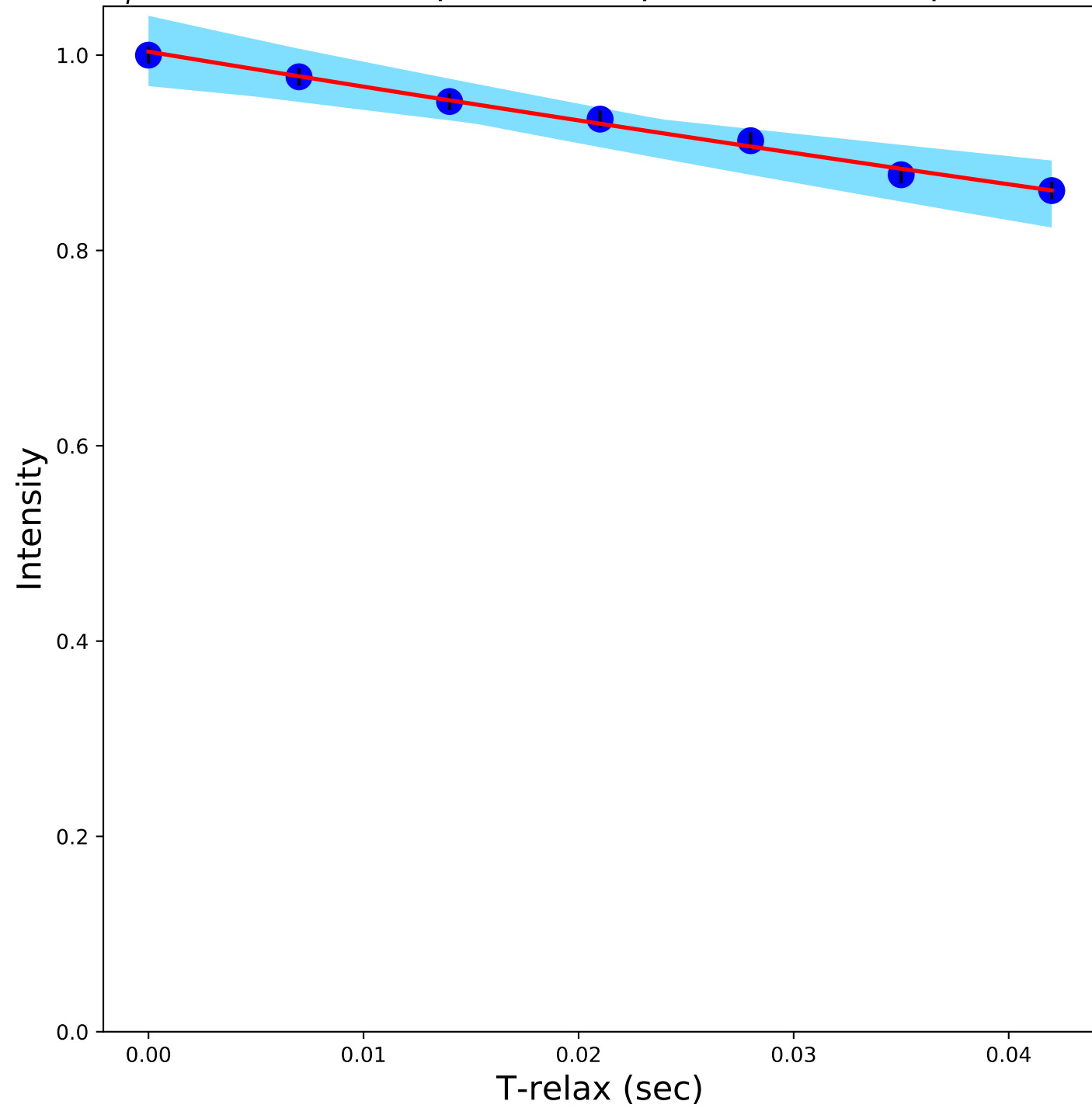
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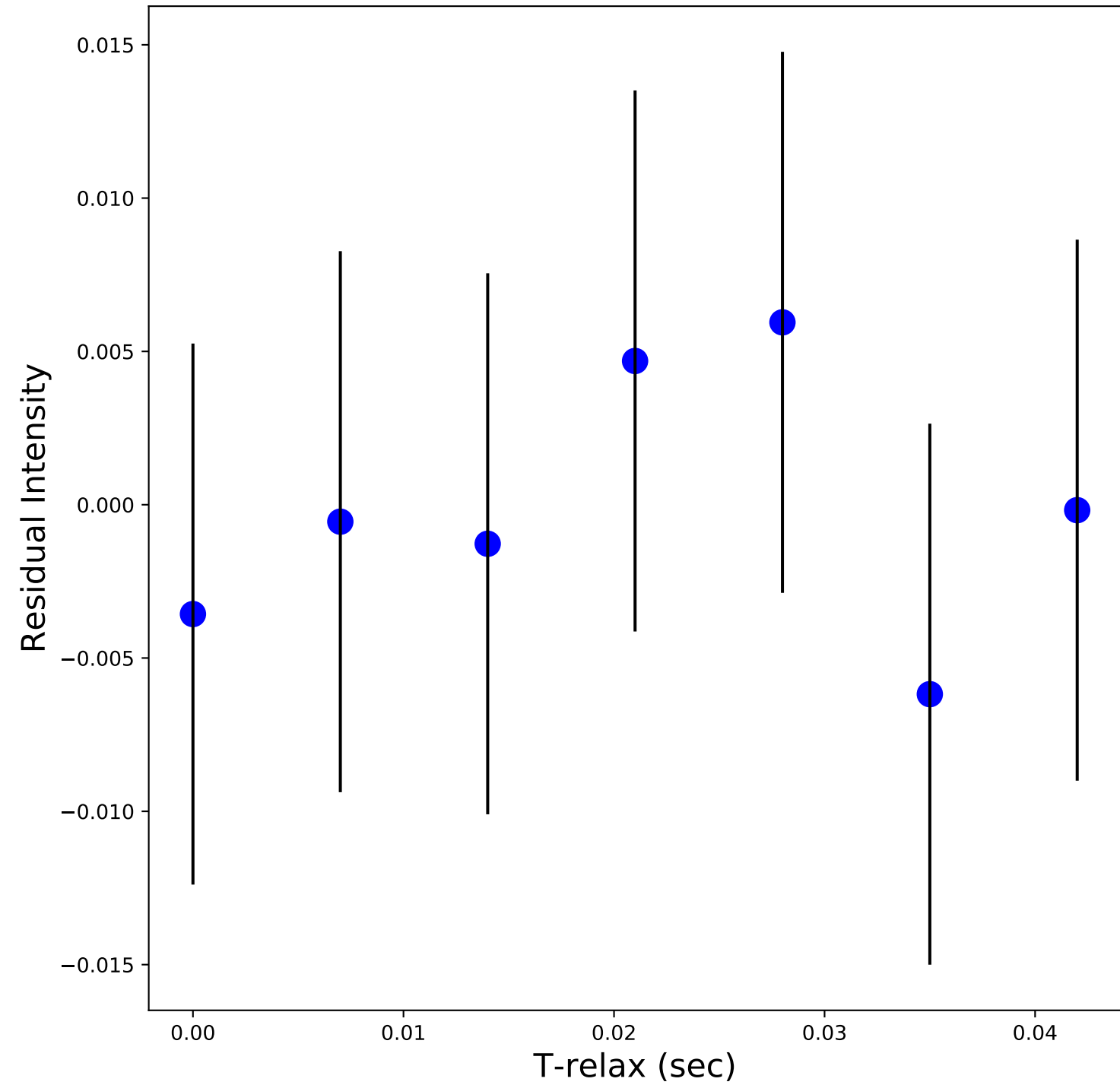
$R_{1\rho}\ 19.52 \pm 0.71\,s^{-1}\,|\,\omega_1\ 600\,Hz\,|\,\Omega_{eff}\ 200\,Hz\,|\,\overline{\chi}^2 = 0.19$
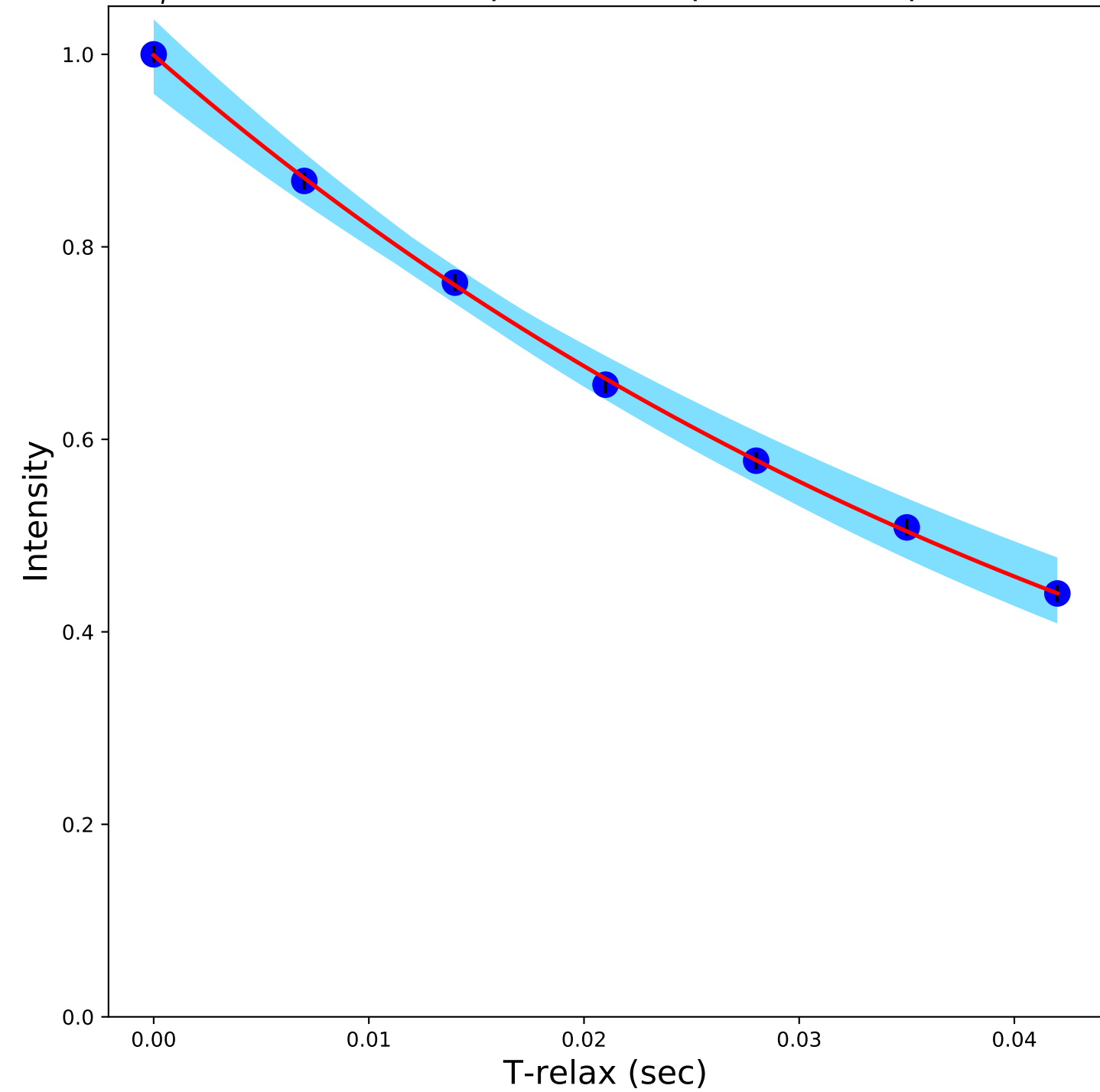
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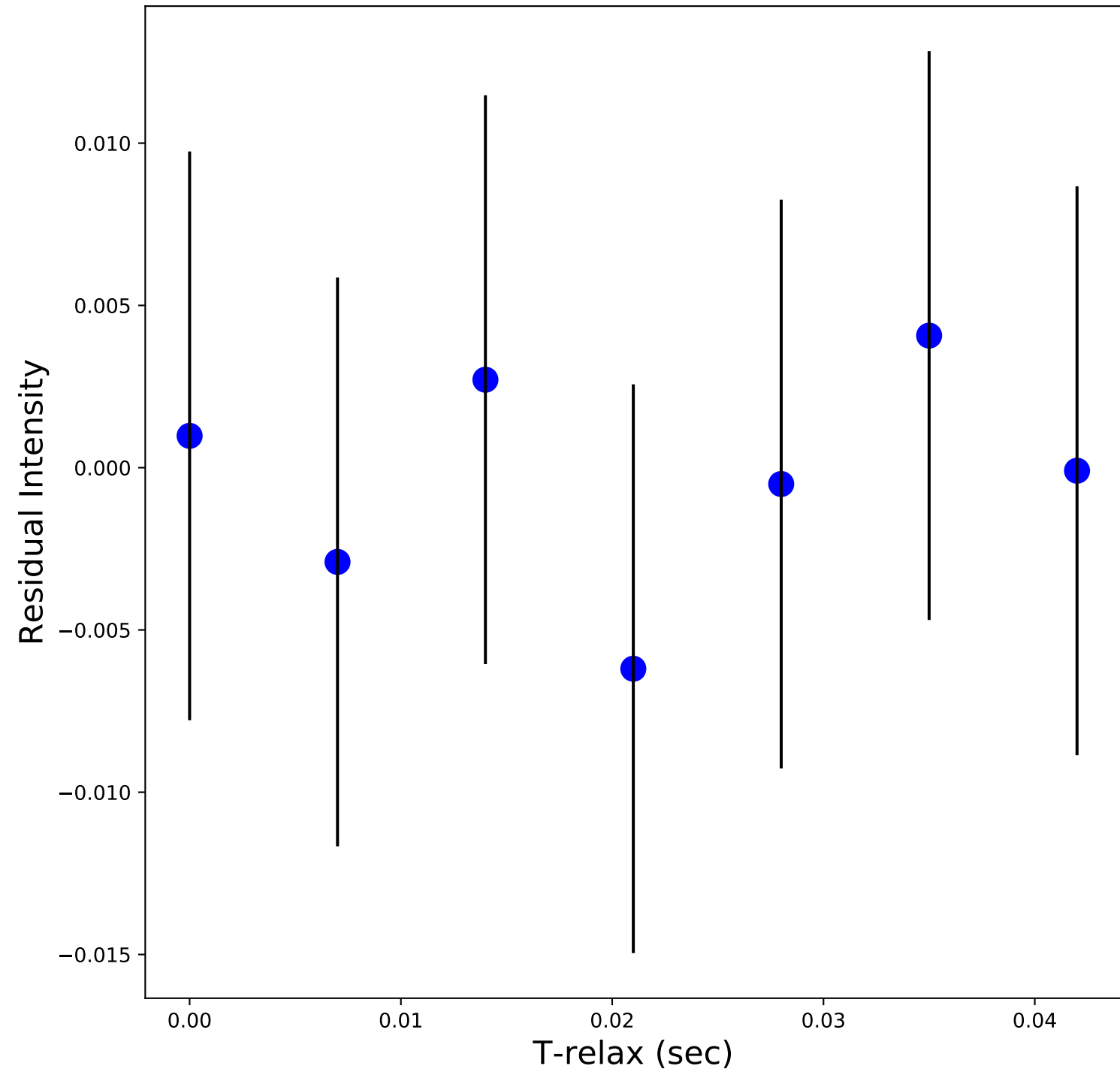
$R_{1\rho}\ 14.93 \pm 0.46\ s^{-1} \mid \omega_1\ 600\ Hz \mid \Omega_{eff}\ 400\ Hz \mid \overline{\chi}^2 = 0.36$
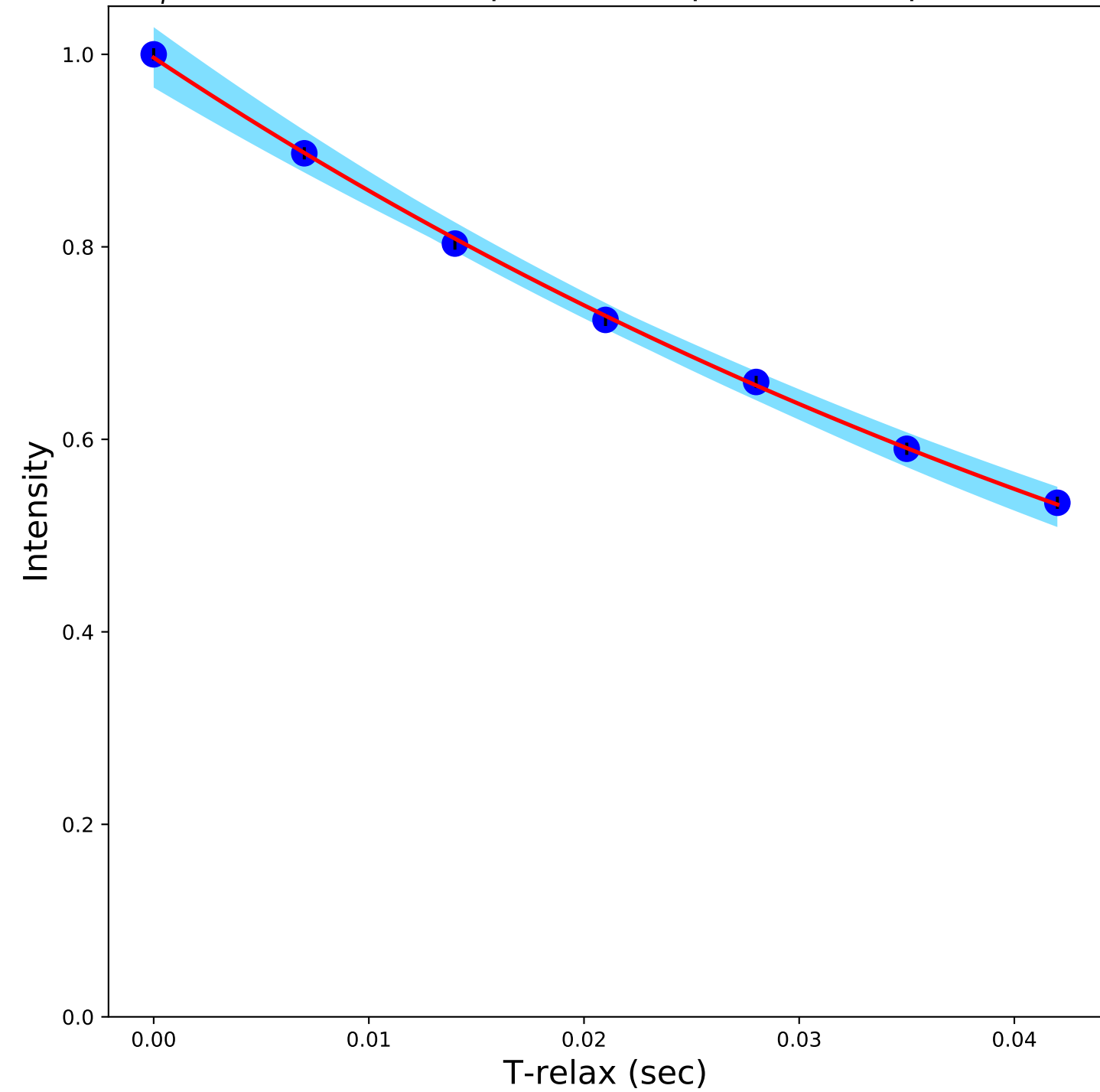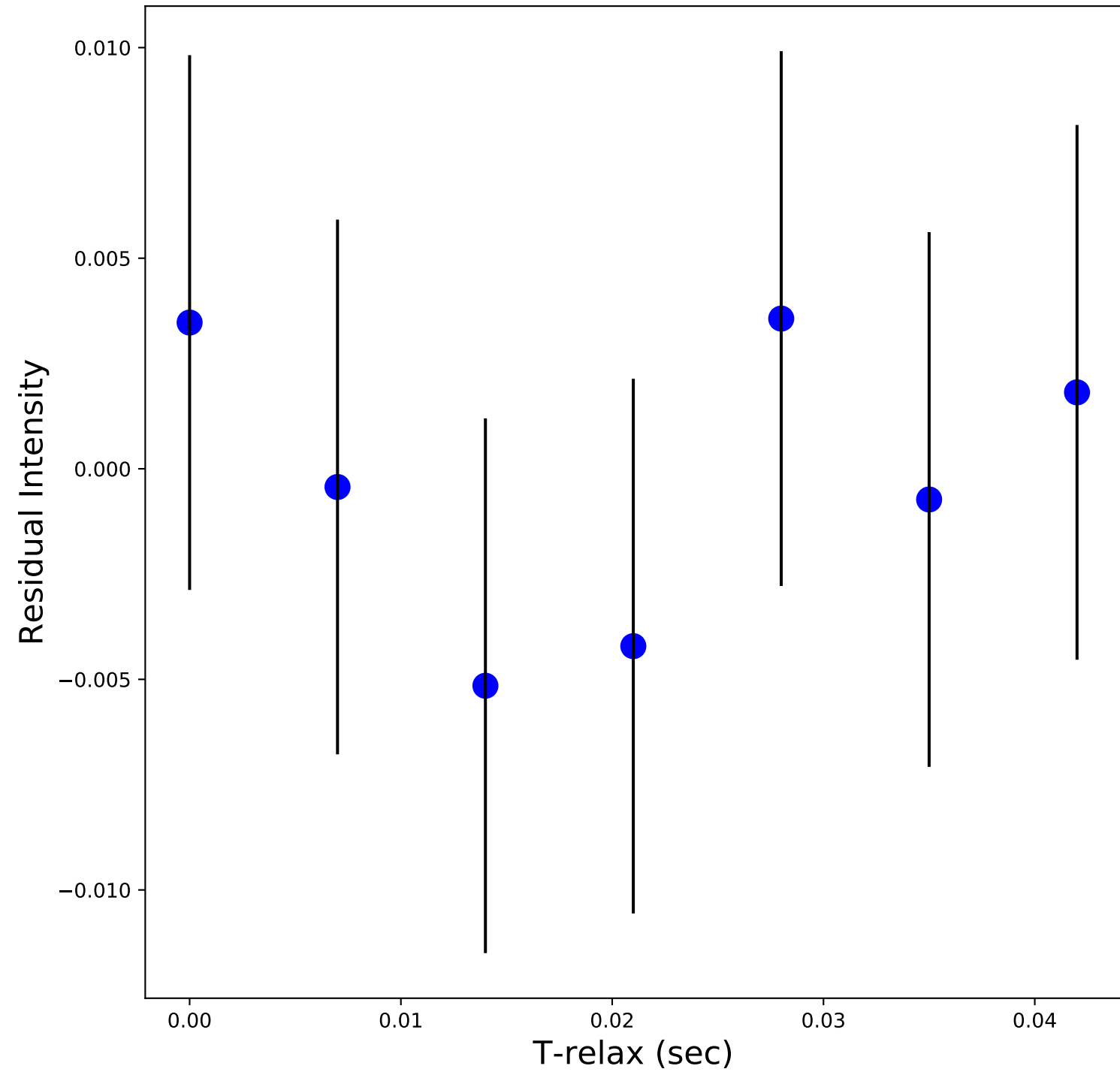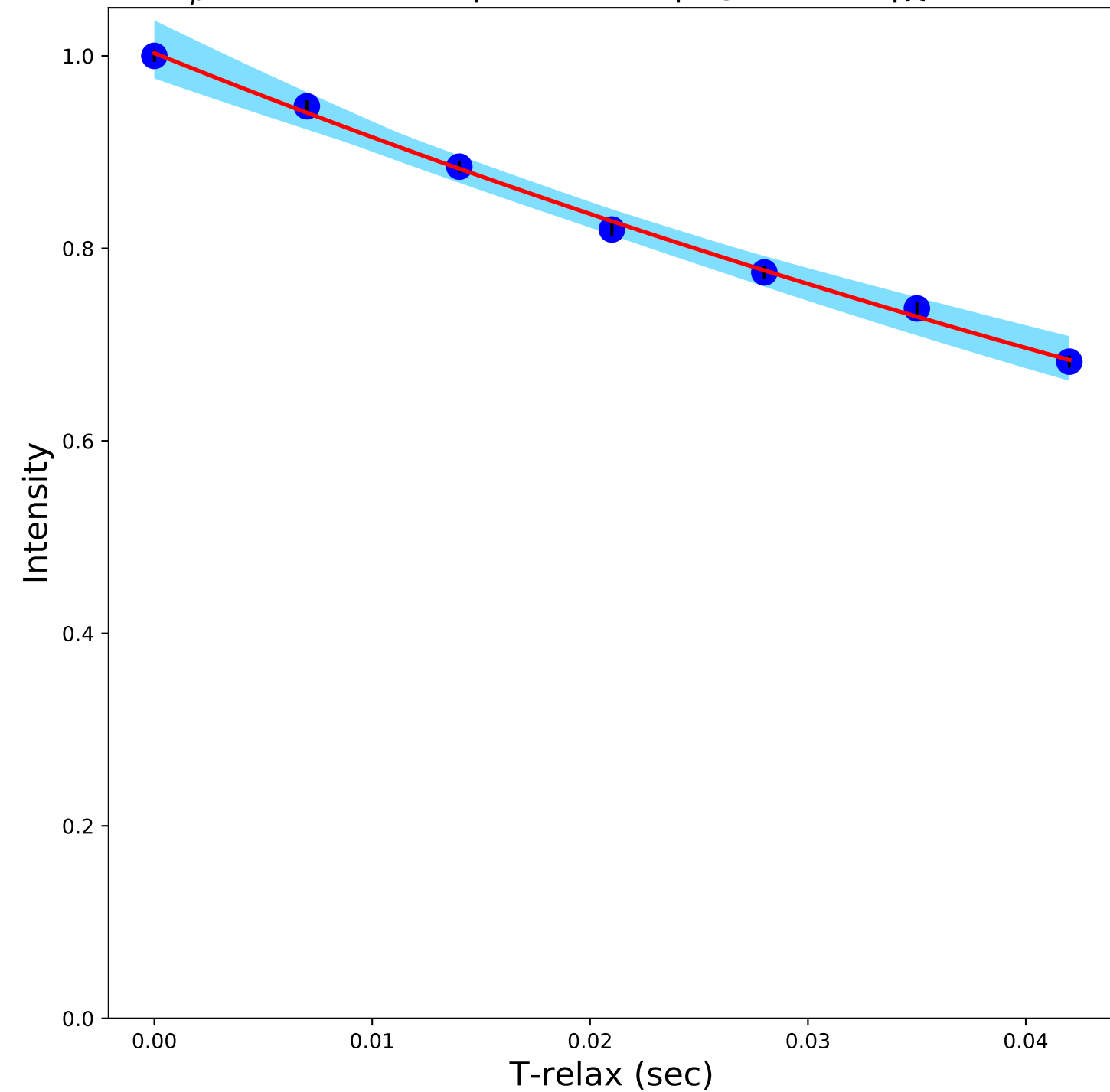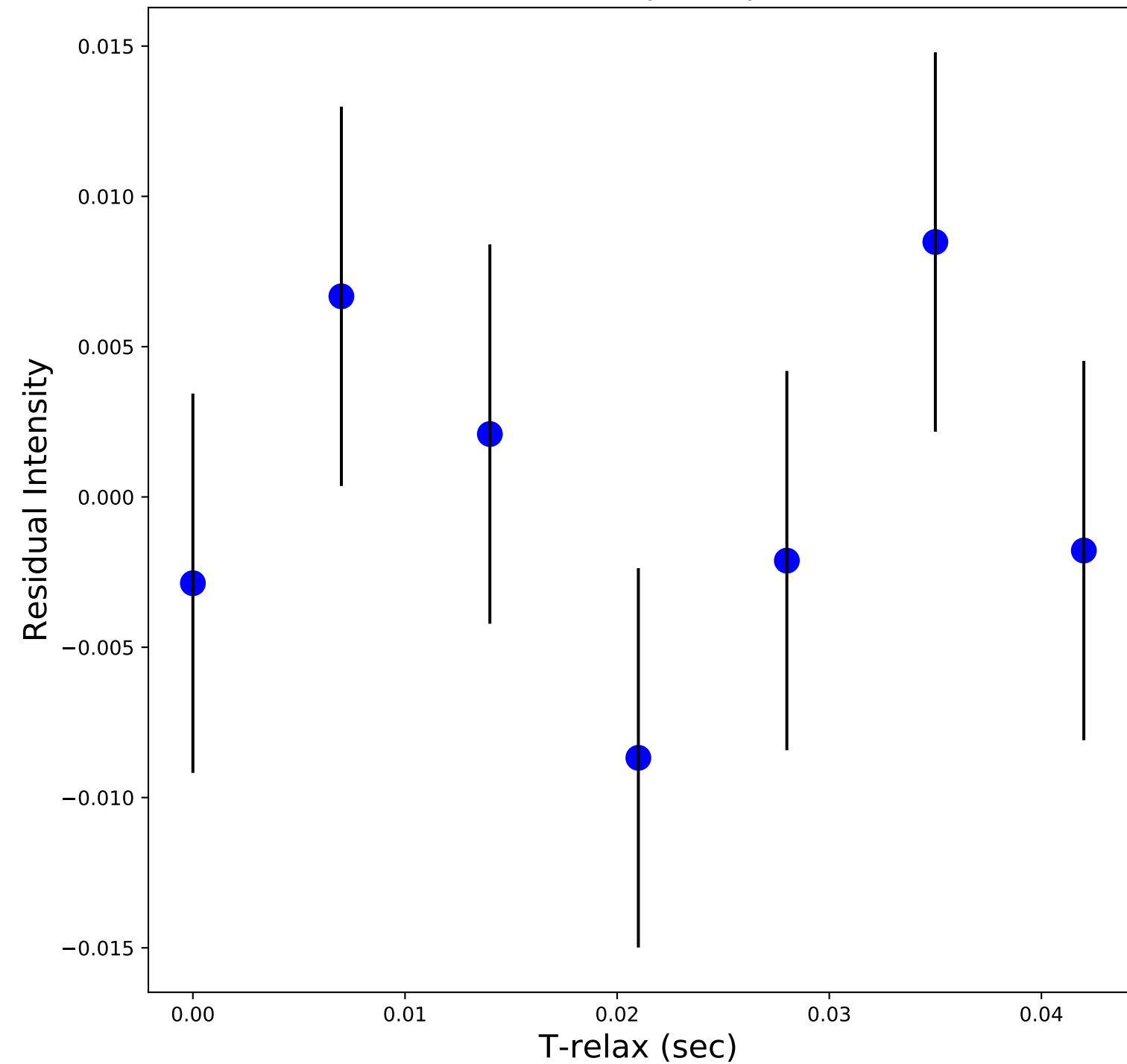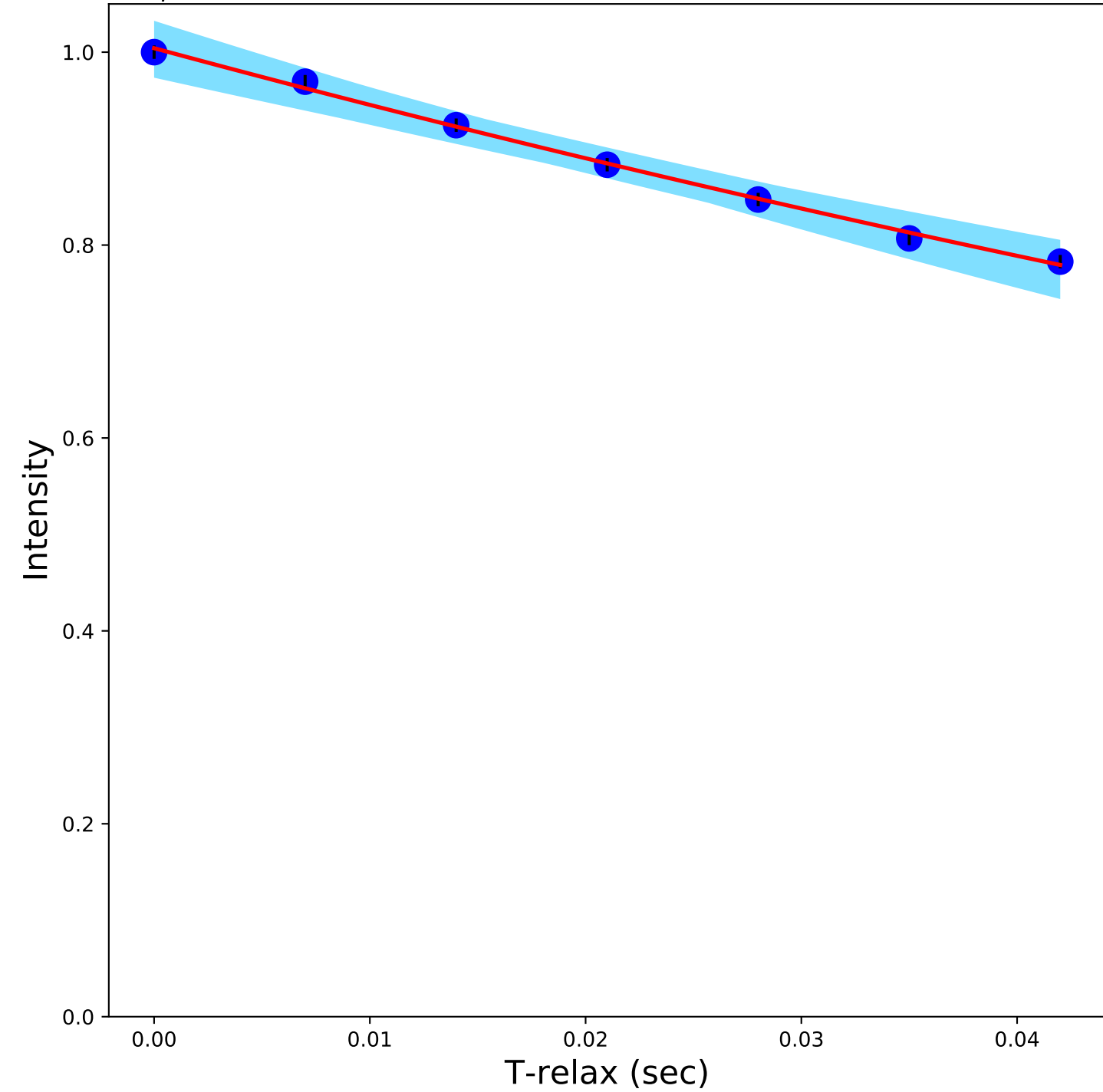
Folder (1548)

$R_{1\rho}\, 9.11 \pm 0.4\, s^{-1}\,|\,\omega_1\, 600\, Hz\,|\,\Omega_{eff}\, 800\, Hz\,|\,\overline{\chi}^2 = 1.07$

Folder (1549)

$R_{1\rho}\,6.03 \pm 0.41\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}\,1200\,Hz\,|\,\overline{\chi}^2 = 0.49$

Folder (1550)
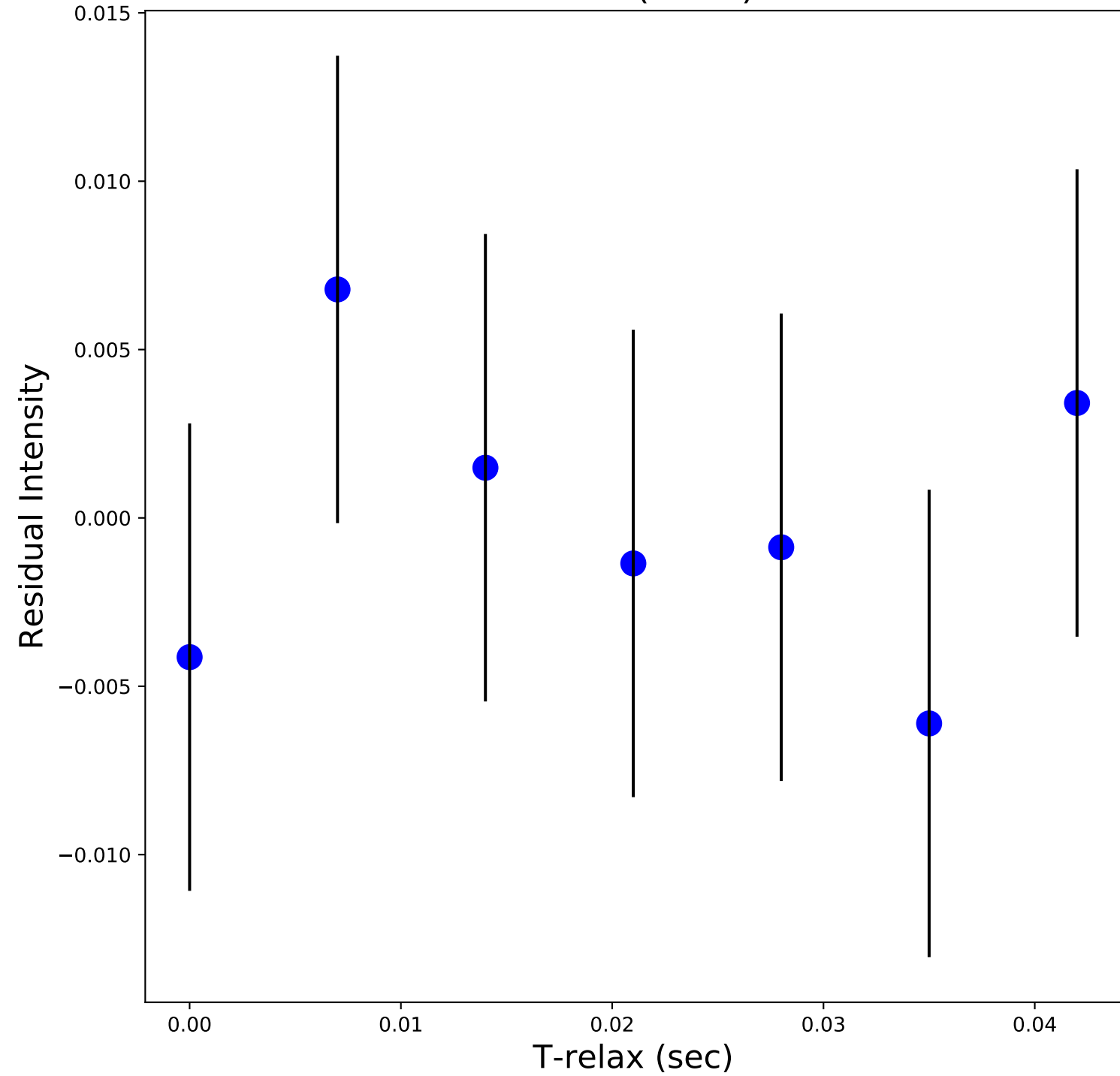
$R_{1\rho} \, 5.09 \pm 0.44 \, s^{-1} \, | \, \omega_1 \, 600 \, Hz \, | \, \Omega_{eff} \, 1600 \, Hz \, | \, \overline{\chi}^2 = 0.68$
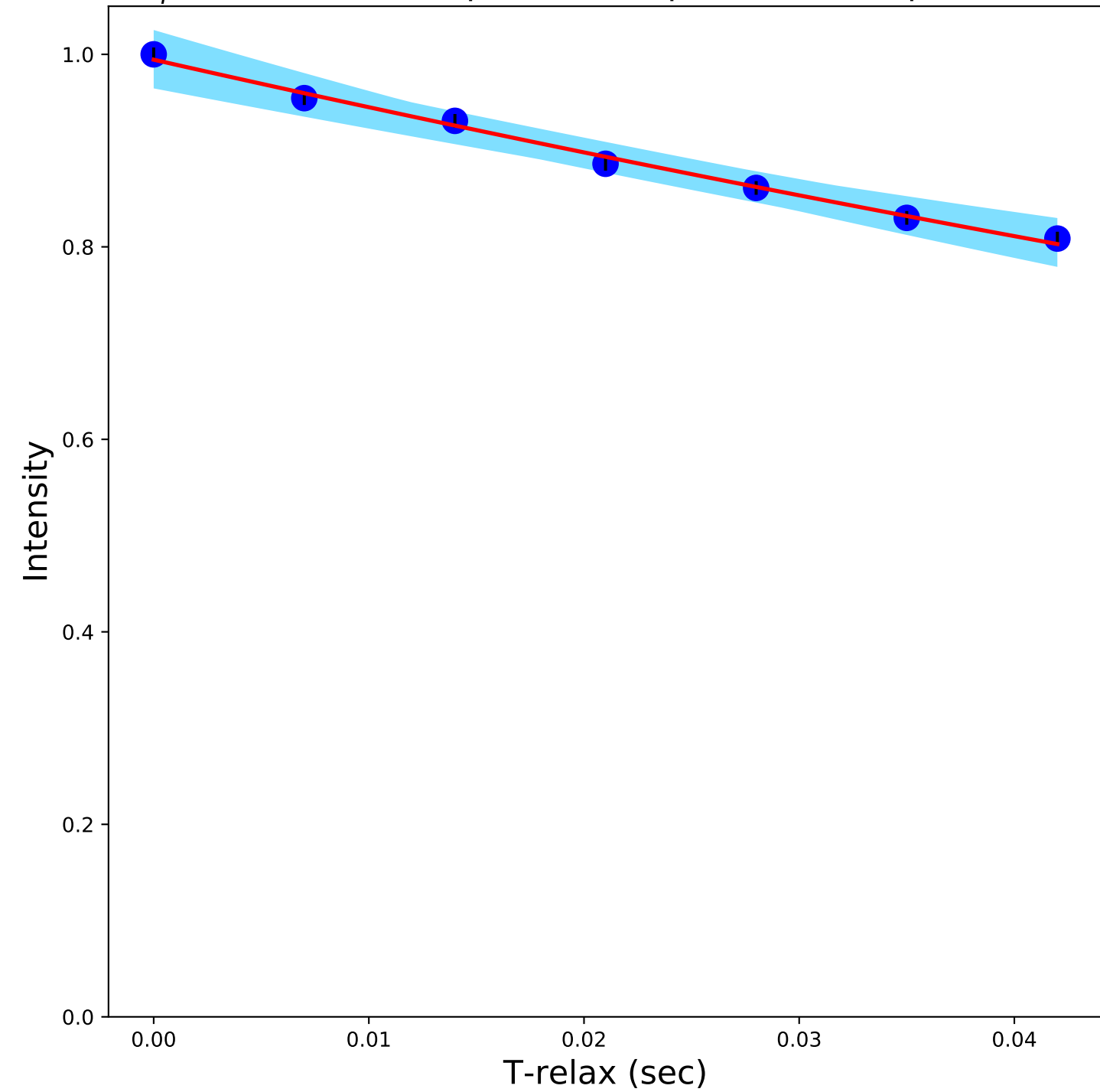
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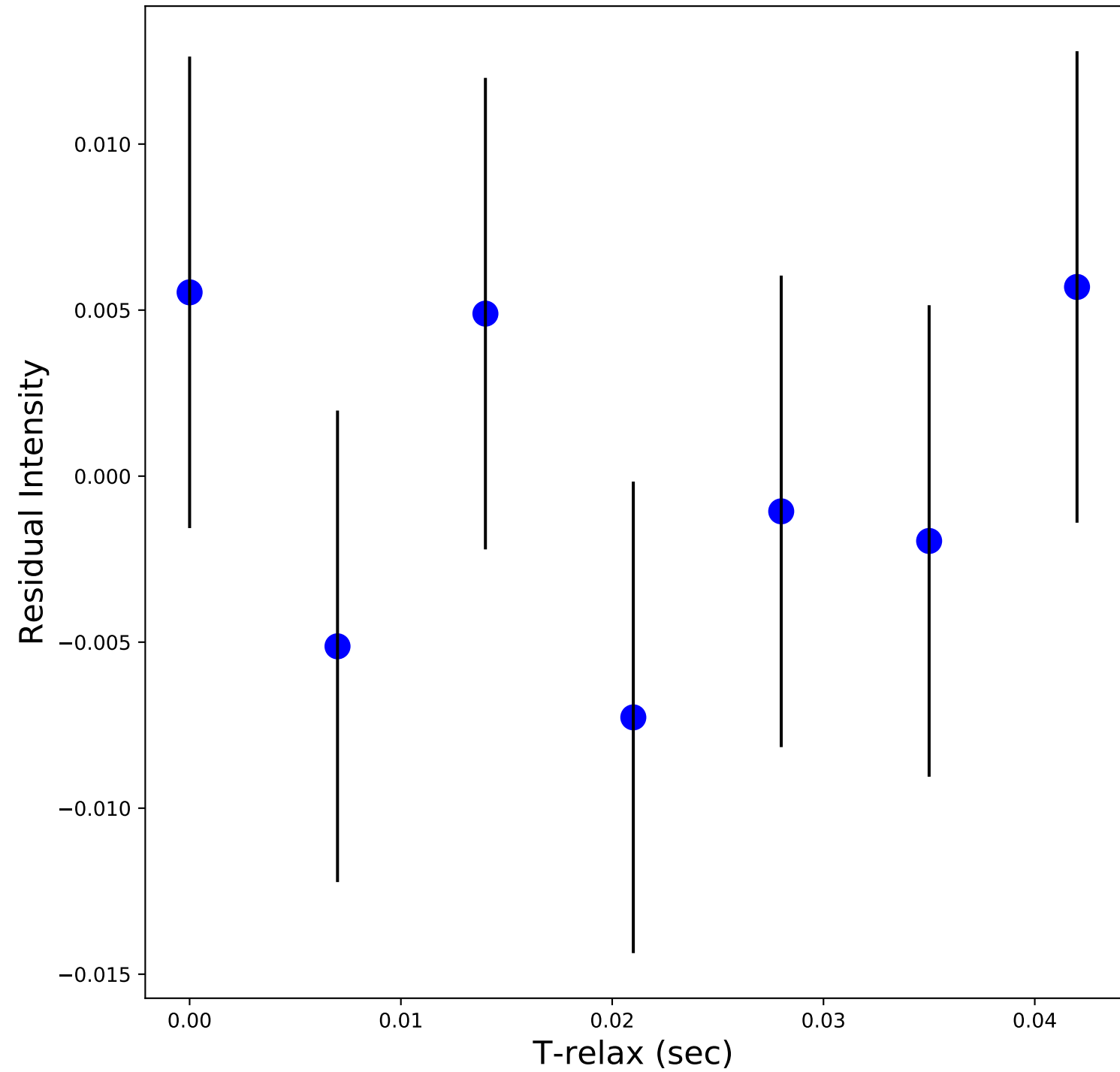
$R_{1\rho}\, 4.3 \pm 0.37\, s^{-1}\, |\, \omega_1\, 600\, Hz\, |\, \Omega_{eff}\, 2000\, Hz\, |\, \overline{\chi}^2 = 0.41$
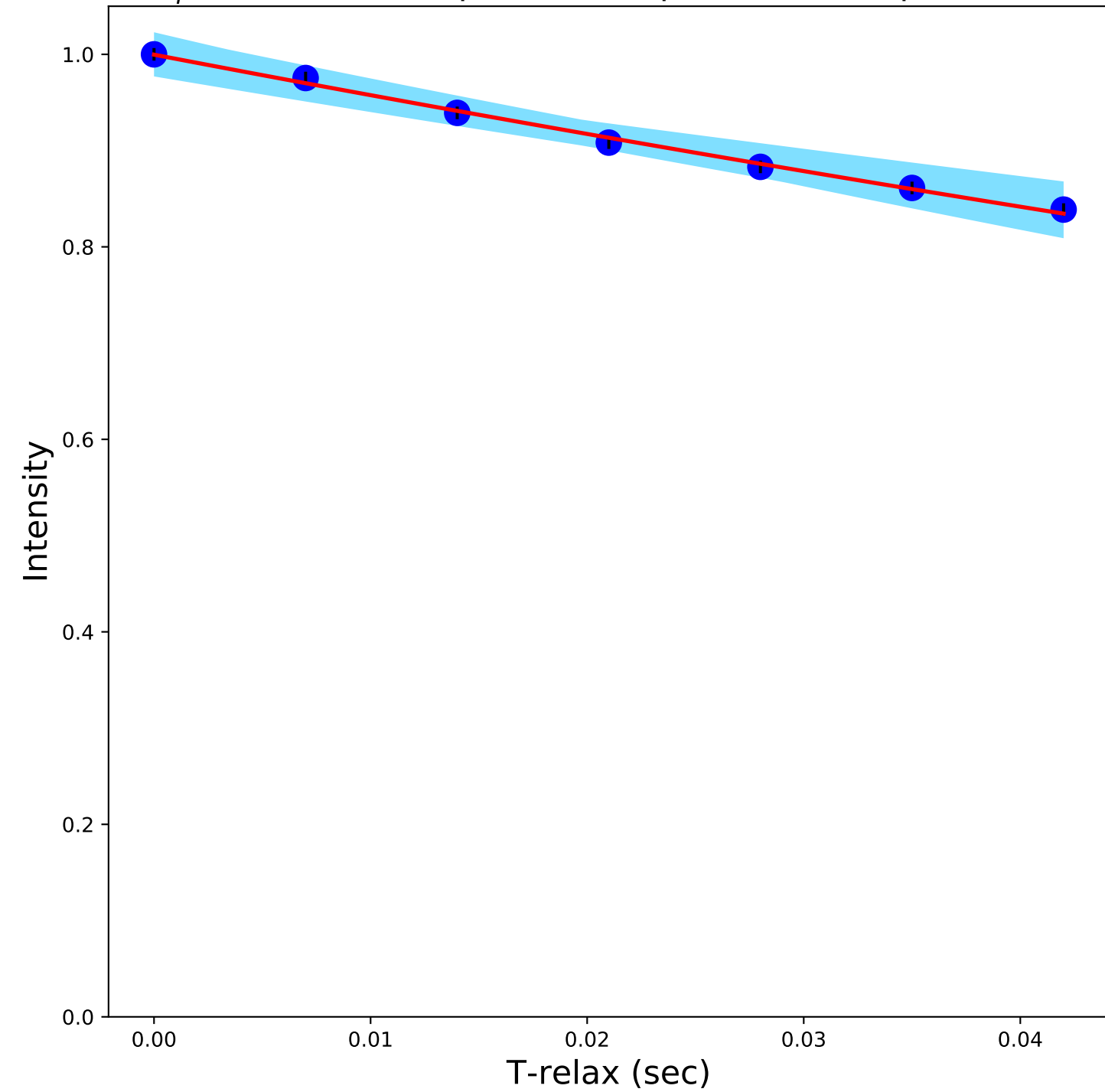
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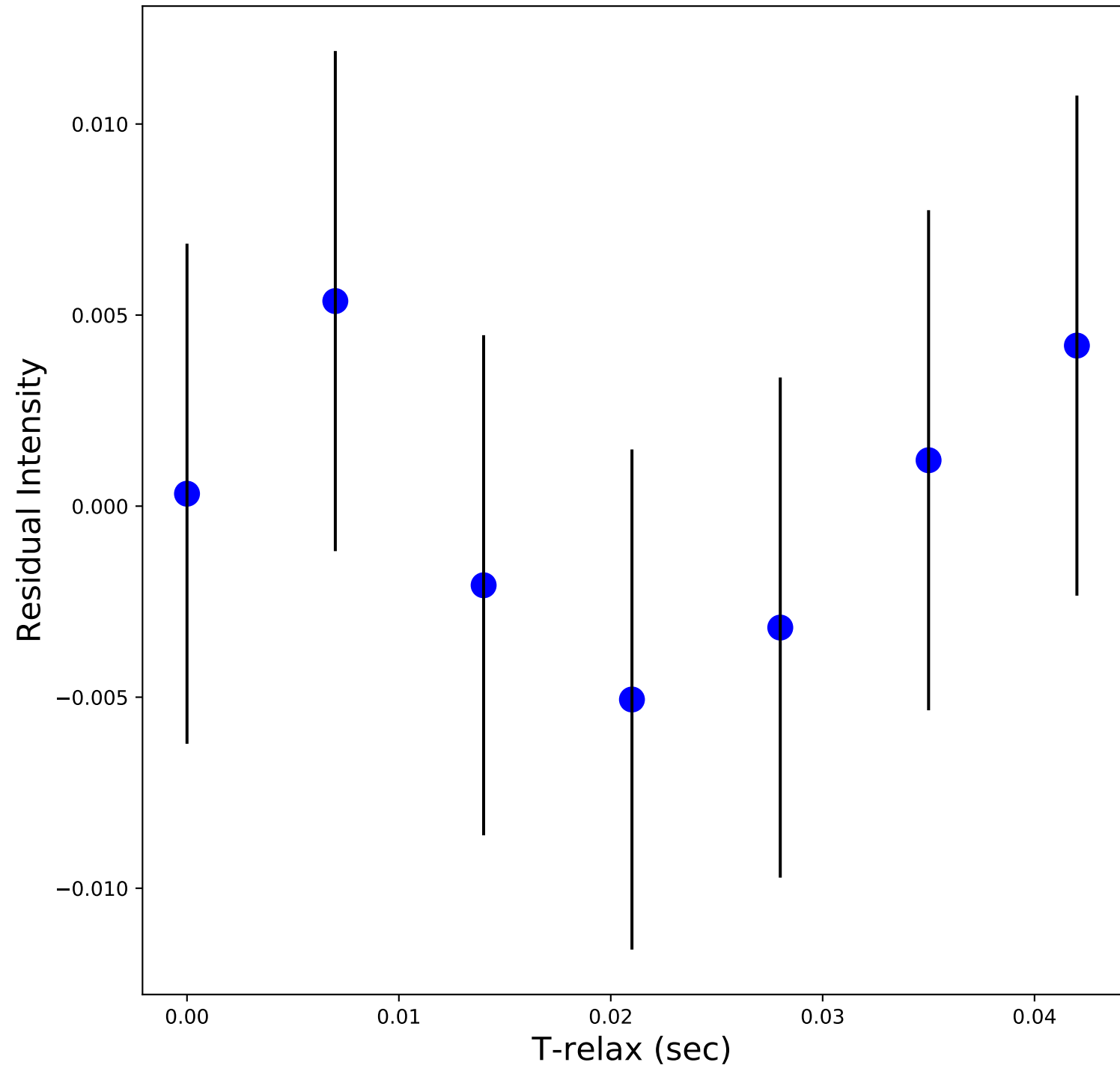
$R_{1\rho}\,3.89 \pm 0.47\,s^{-1}\,|\,\omega_1\,600\,Hz\,|\,\Omega_{eff}\,2400\,Hz\,|\,\overline{\chi}^2 = 0.36$

Folder (1553)