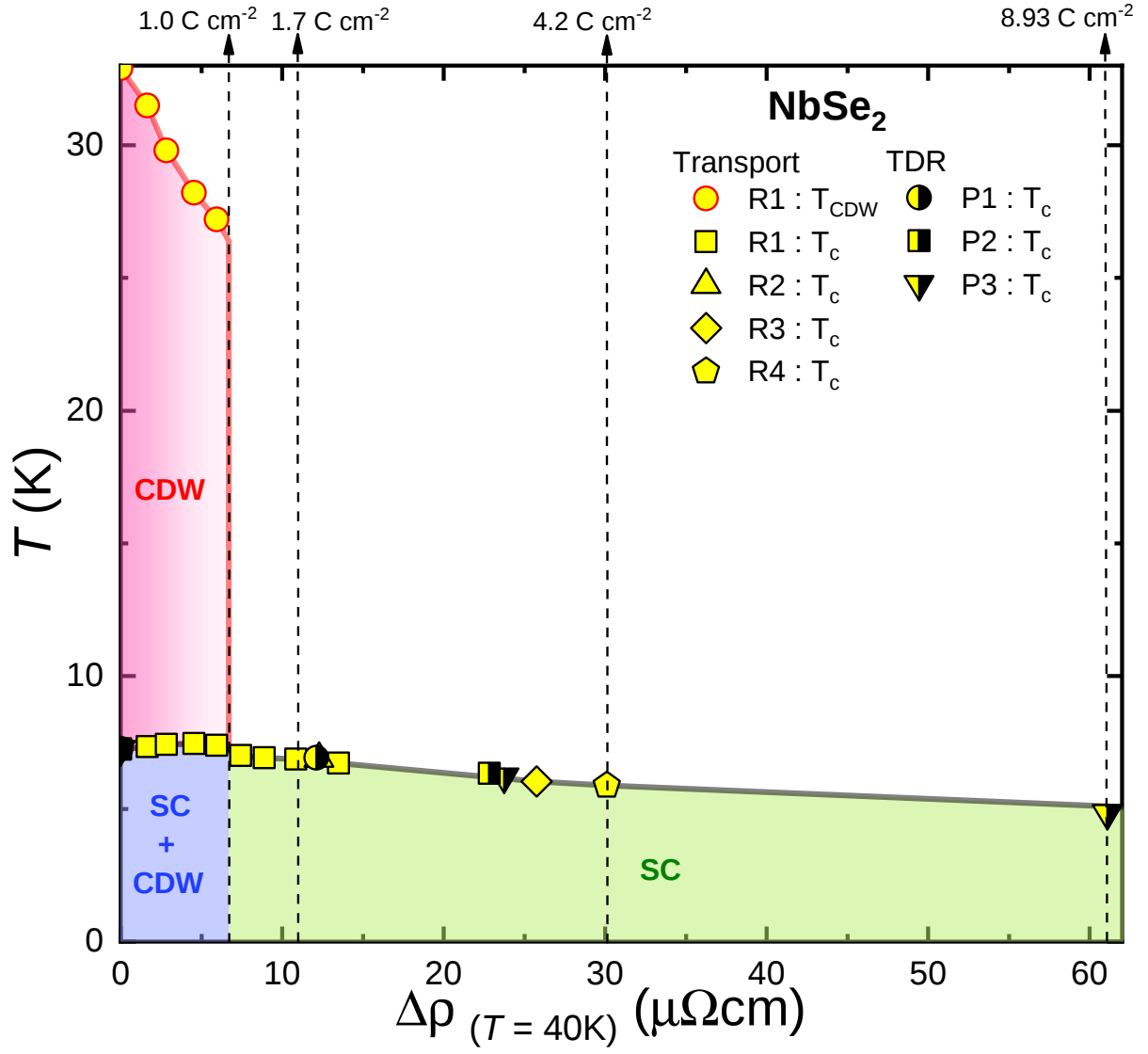
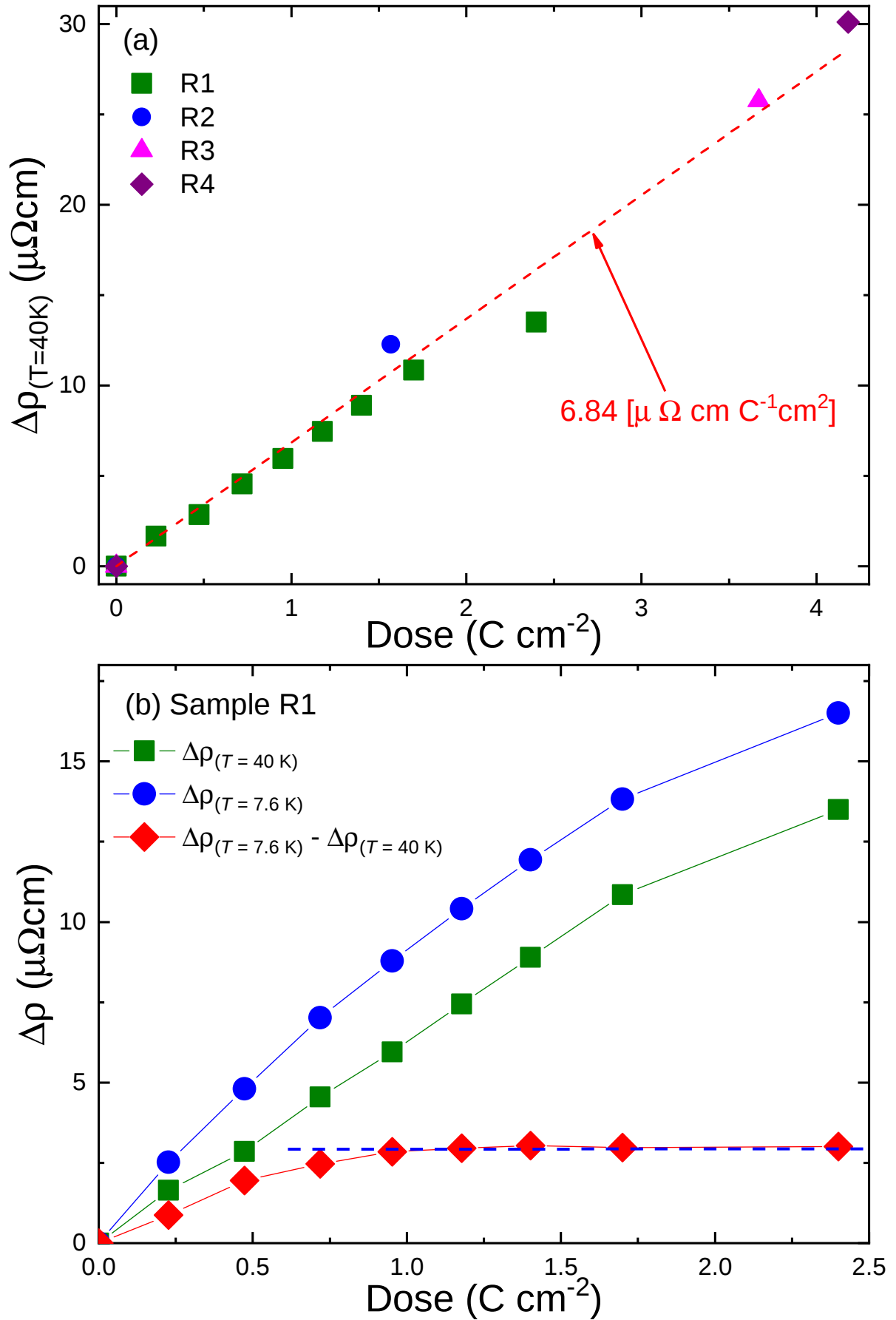


SUPPLEMENTARY INFORMATION



Supplementary Figure 1. **Full phase diagram of Fig. 4.** The highest dose is 8.93 C cm⁻² ($\Delta\rho_{(T=40K)} = 61 \mu\Omega\text{cm}$).



Supplementary Figure 2. **Relation between dose (C cm^{-2}) and $\Delta\rho_{(T=40K)}$ for sample R1.** (a) Dose (C cm^{-2}) versus $\Delta\rho_{(T=40K)}$. (b) Comparison between $\Delta\rho_{(T=40K)}$ and $\Delta\rho_{(T=7.6K)}$ that shows the suppression of the CDW above 1.0 C cm^{-2} . Refer to Fig. 2 (c).