materials

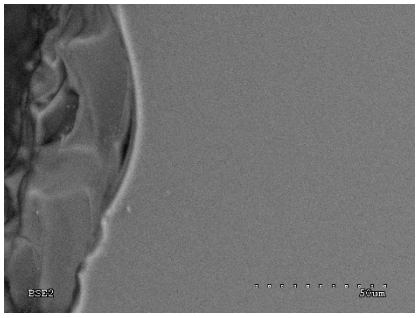
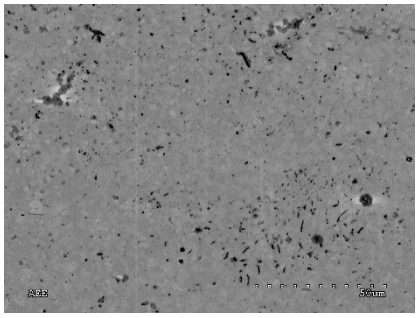
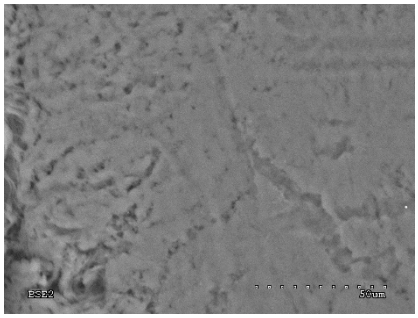
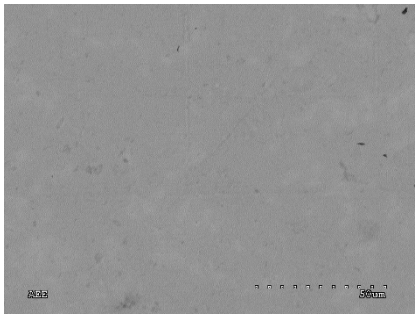
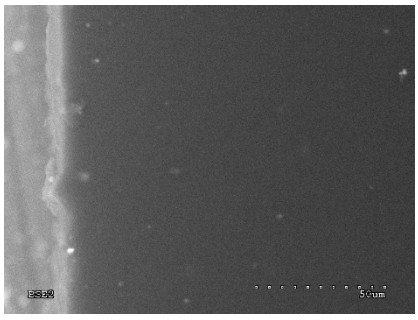
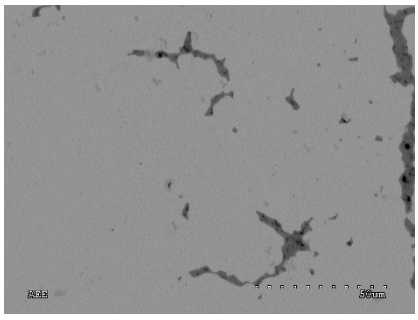
MDPI

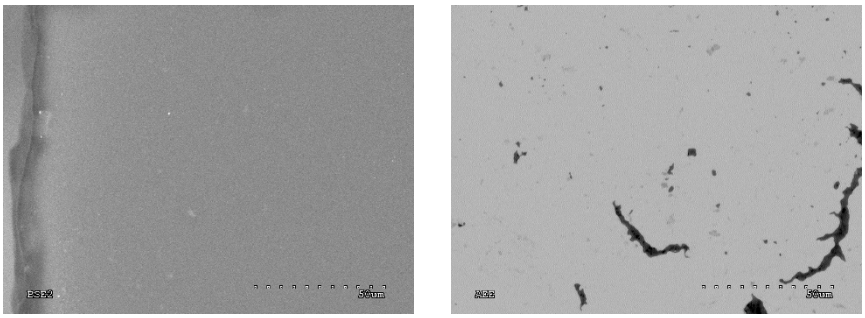
Supplementary Materials

Influence of the Interactions at the Graphene–Substrate Boundary on Graphene Sensitivity to UV Irradiation

Dorota Nowak [1,*], Marian Clapa [1,2], Piotr Kula [1], Mariusz Sochacki [3], Bartlomiej Stonio[3], Maciej Galazka [2], Marcin Pelka [2], Dominika Kuten [2] and Piotr Niedzielski [1]

Table S1. State of the substrates surface before transfer and the quality of graphene on final substratum.

Substratum	Substratum + Graphene
Quartz Glass	
	
PTFE	
	
kapton	
	
PEN	



Raman mapping was performed for graphene transferred on Si/SiO_2 substrate before UV irradiation to check the homogeneity of graphene. Figure S1 exhibits Raman I_{2D}/I_G mapping. Figure S2 shows the fitting of 2D band for trilayer graphene.

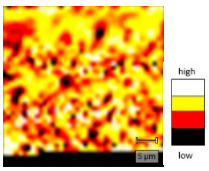


Figure S1. Raman $I_{2D/G}$ imaging of graphene on Si/SiO_2.

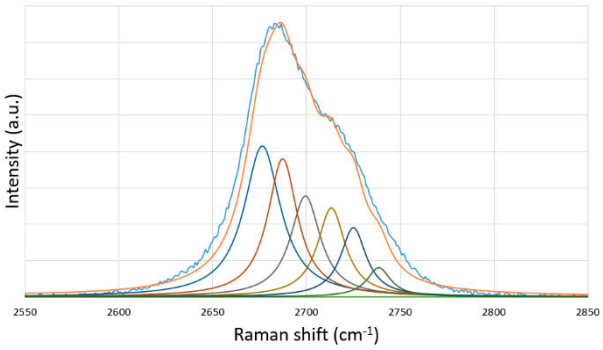


Figure S2. Fitting of 2D band for trilayer graphene.