Supplementary Materials

Advanced PtCo Catalysts based on Platinum Acetate Blue for the Preferential CO Oxidation in H_2-Rich Mixture

Marina. Shilina, Irina Krotova, Sergey Nikolaev, Natalia Cherkashina, Igor Stolarov, Olga Udalova, Sergey Maksimov, Tatiana Rostovshchikova

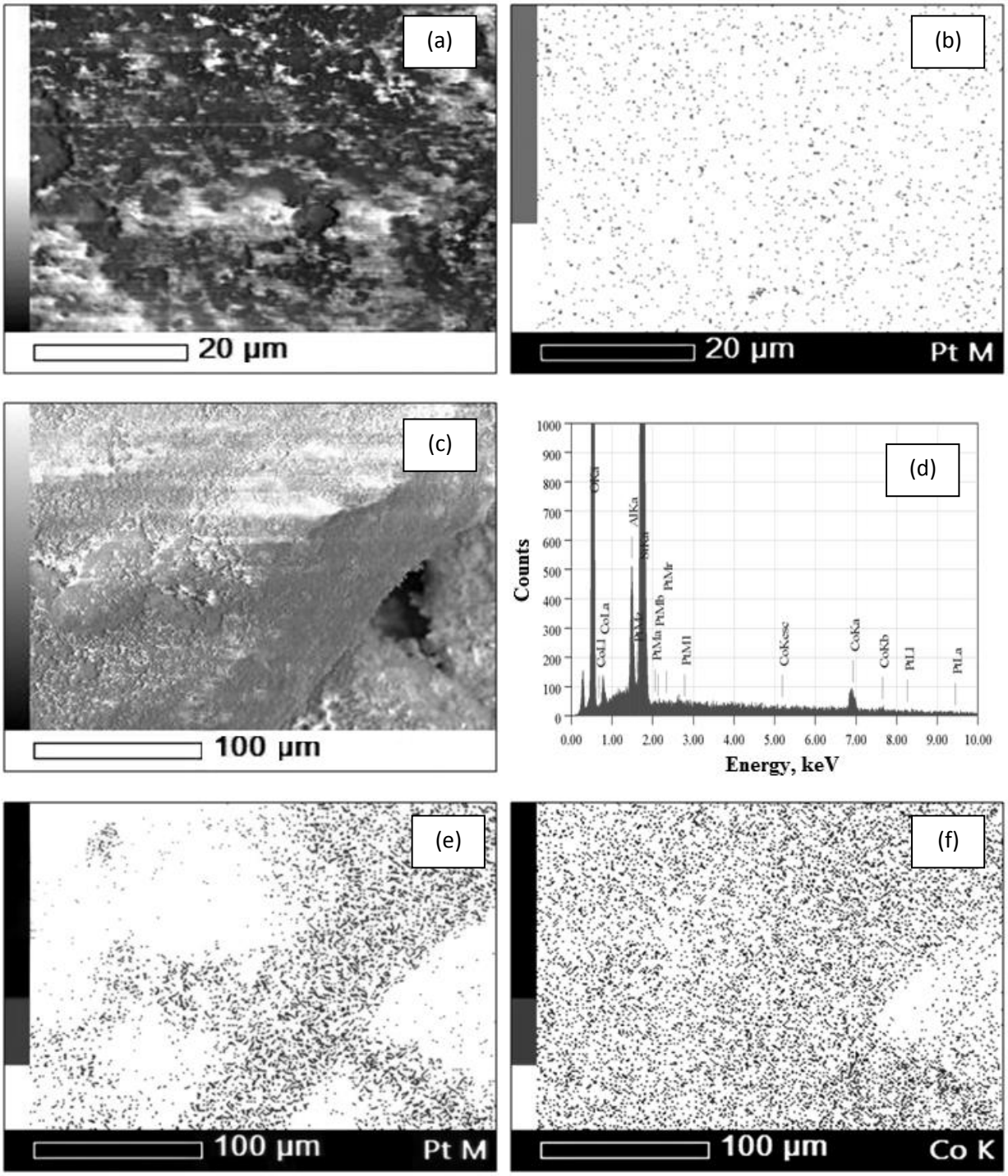


Figure S1. SEM micrographs and EDA maps and EDA spectrum for samples: (a, b) 0.2Pt/Z-15; (c-f) 0.2PtCo/Z-15.

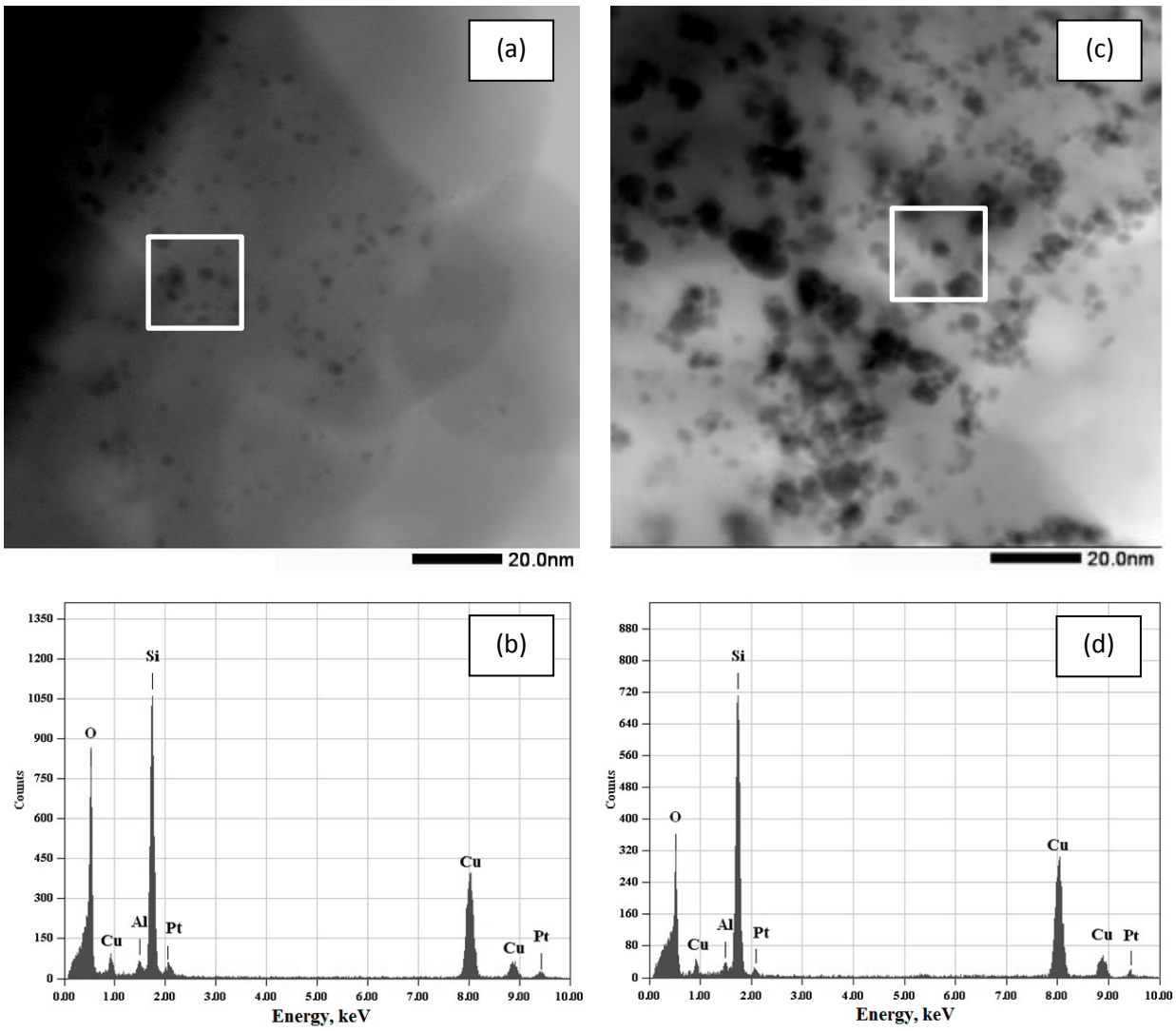
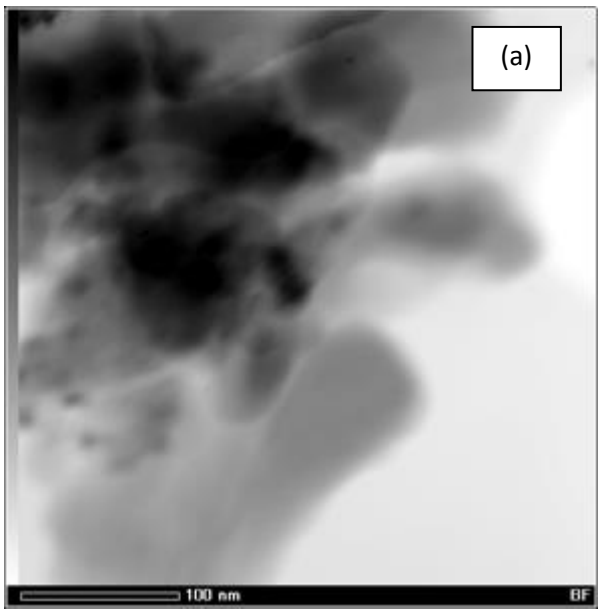
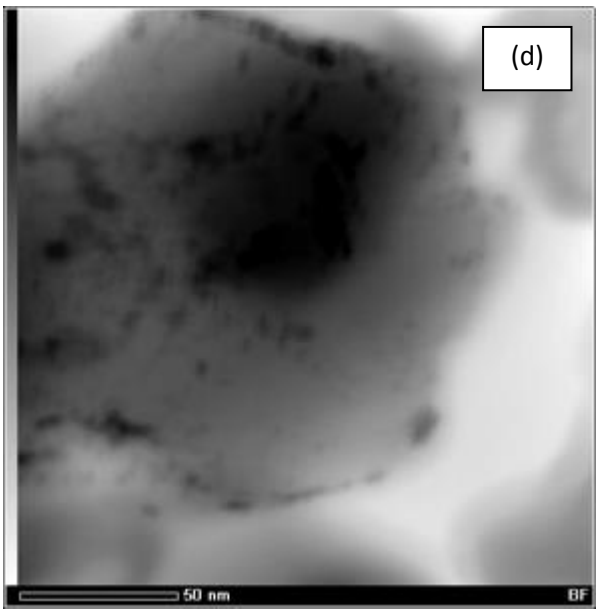
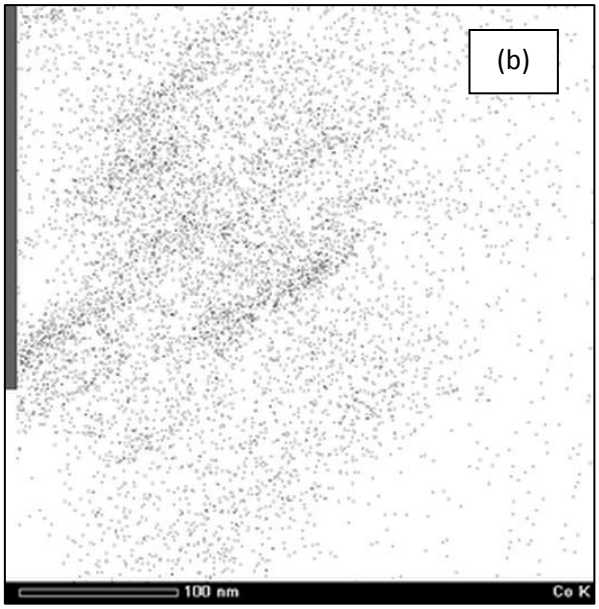
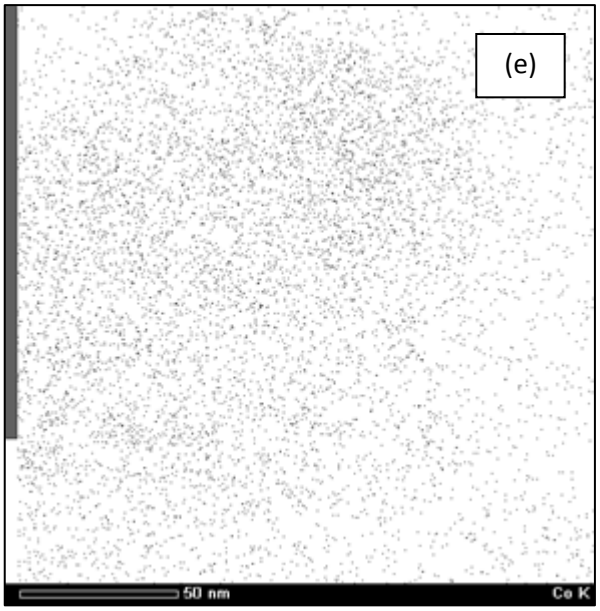


Figure S2. TEM microphotographs and the EDA spectra obtained from the locations marked on the microphotographs of the initial (a, b) and spent (c, d) 0.6Pt/Z-28 samples.









(c)

(f)

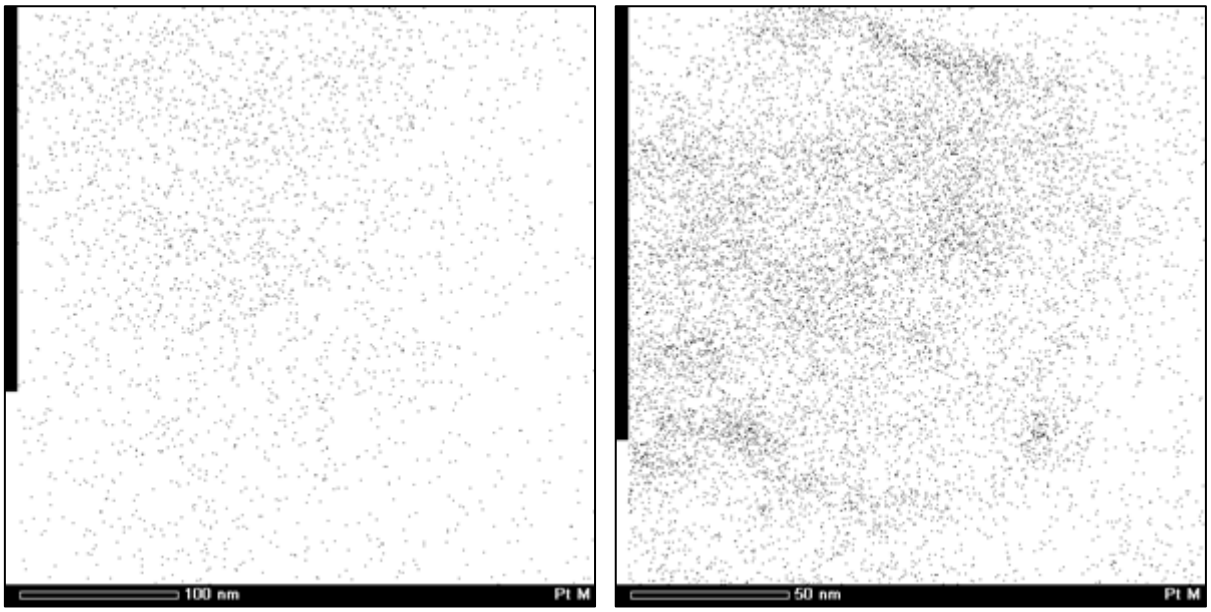


Figure S3. SEM micrographs and EDA maps of initial samples: (a-c) 0.2PtCo/Z-15; (d-f) 0.2PtCo/Z-28.

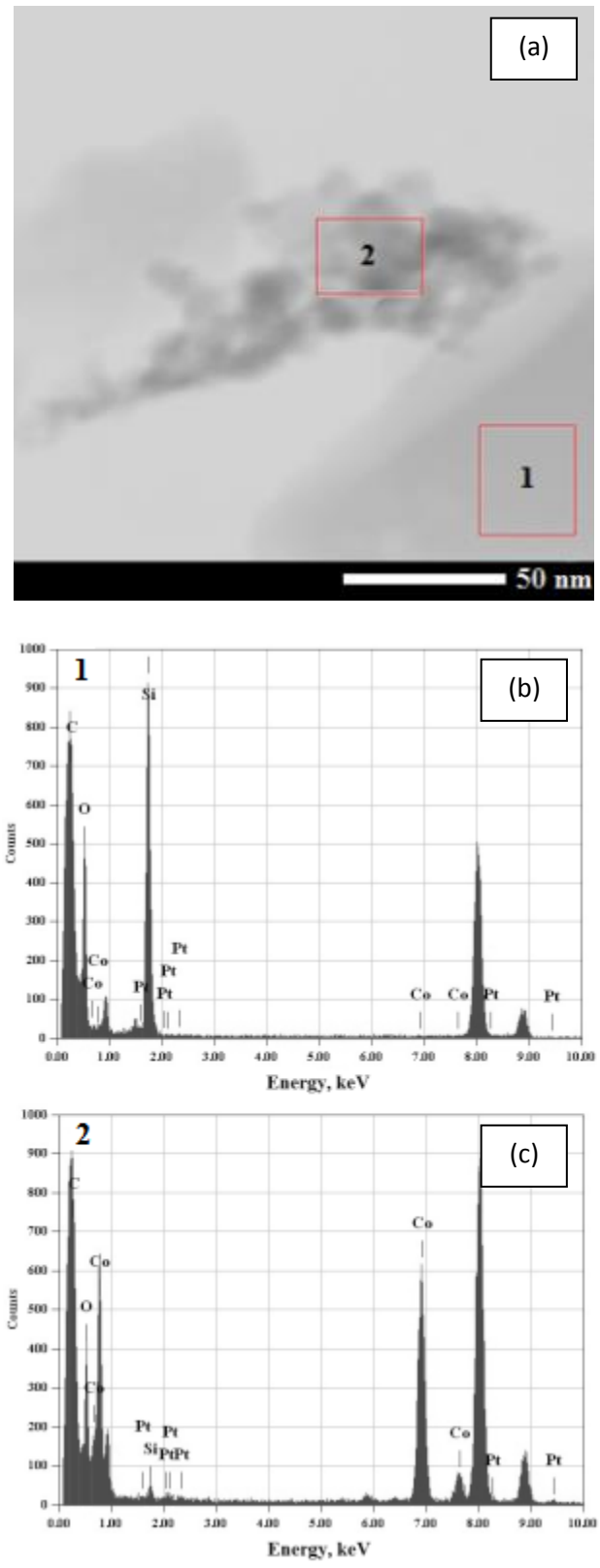


Figure S4. TEM microphotograph of the 0.2PtCo/Z-28 (a) and the EDA spectra obtained from the location 1 and 2 marked on the microphotograph (b, c).

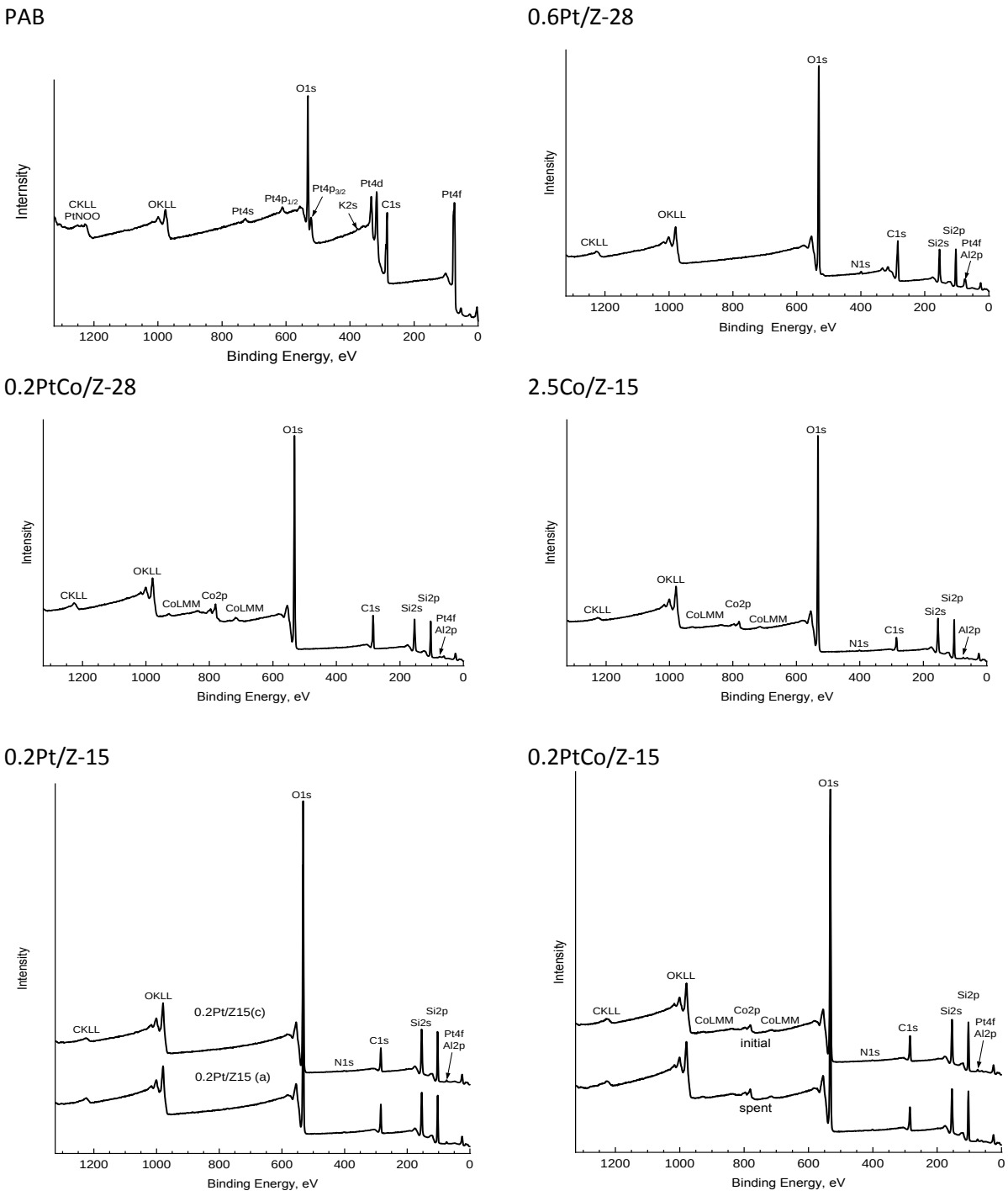


Figure S5. Survey XPS spectra of the PAB and PtCo/Z catalysts