

Supplementary Material

Figure 1. SEM image of a 60-nm-thick YbRh_2Si_2 film on a $\text{Ge}(001)$ substrate.

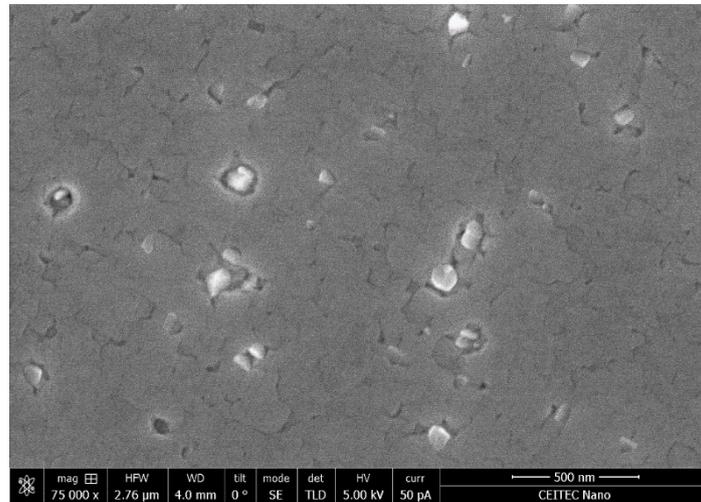


Figure 2. AFM image of the $5 \times 5 \mu\text{m}^2$ surface morphology of a 10-nm-thick YbRh_2Si_2 film on Ge after a sub-monolayer Yb soak, RMS = 1.8 nm

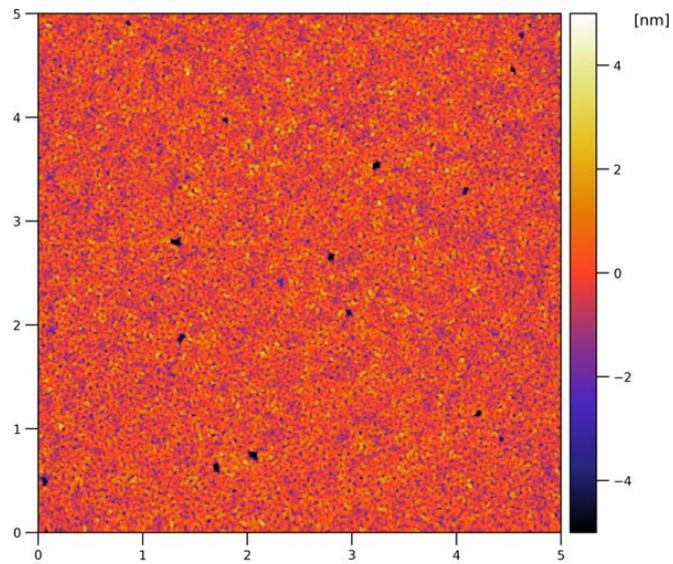


Figure 3 XRD scan of $Ce_3Bi_4Pd_3$ on sapphire. The RMS roughness of the sample, measured by AFM, is 2.8 nm

