

Figure S1. SEM micrographs of AA-CH-S films taken at different magnification

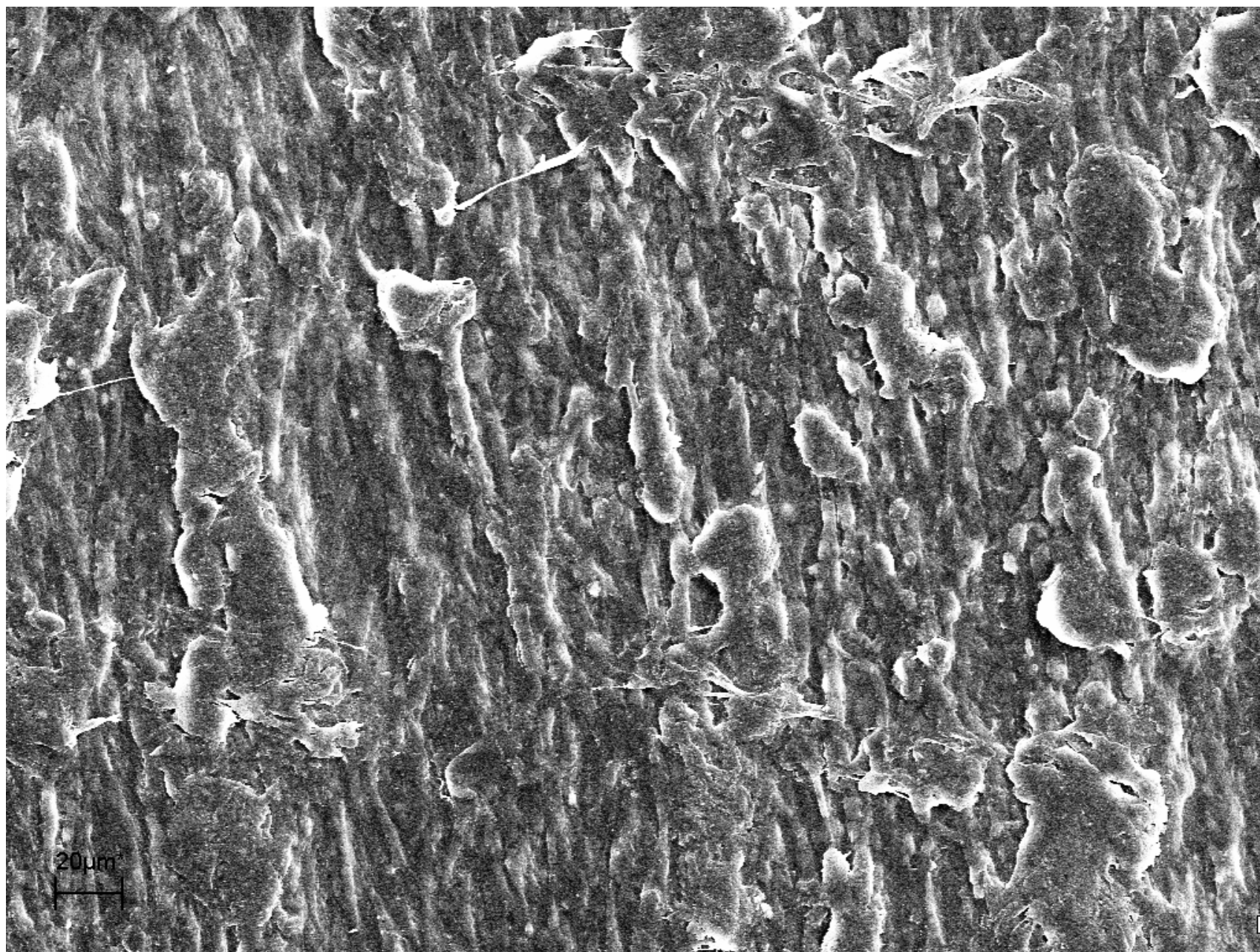


Figure S2. SEM micrographs of AA-CH-S films taken at different magnification

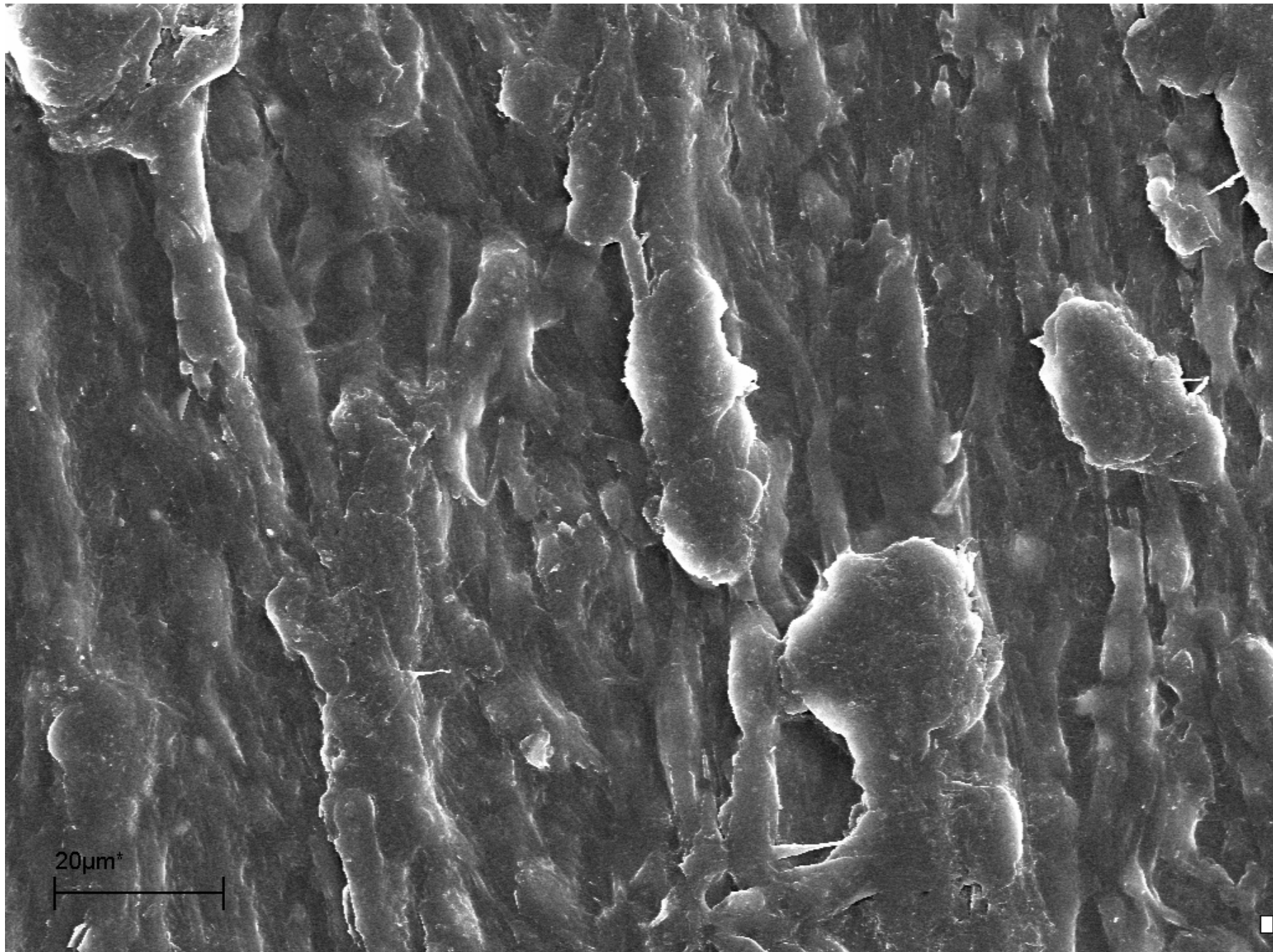


Figure S3. SEM micrographs of AA-CH-S films taken at different magnification

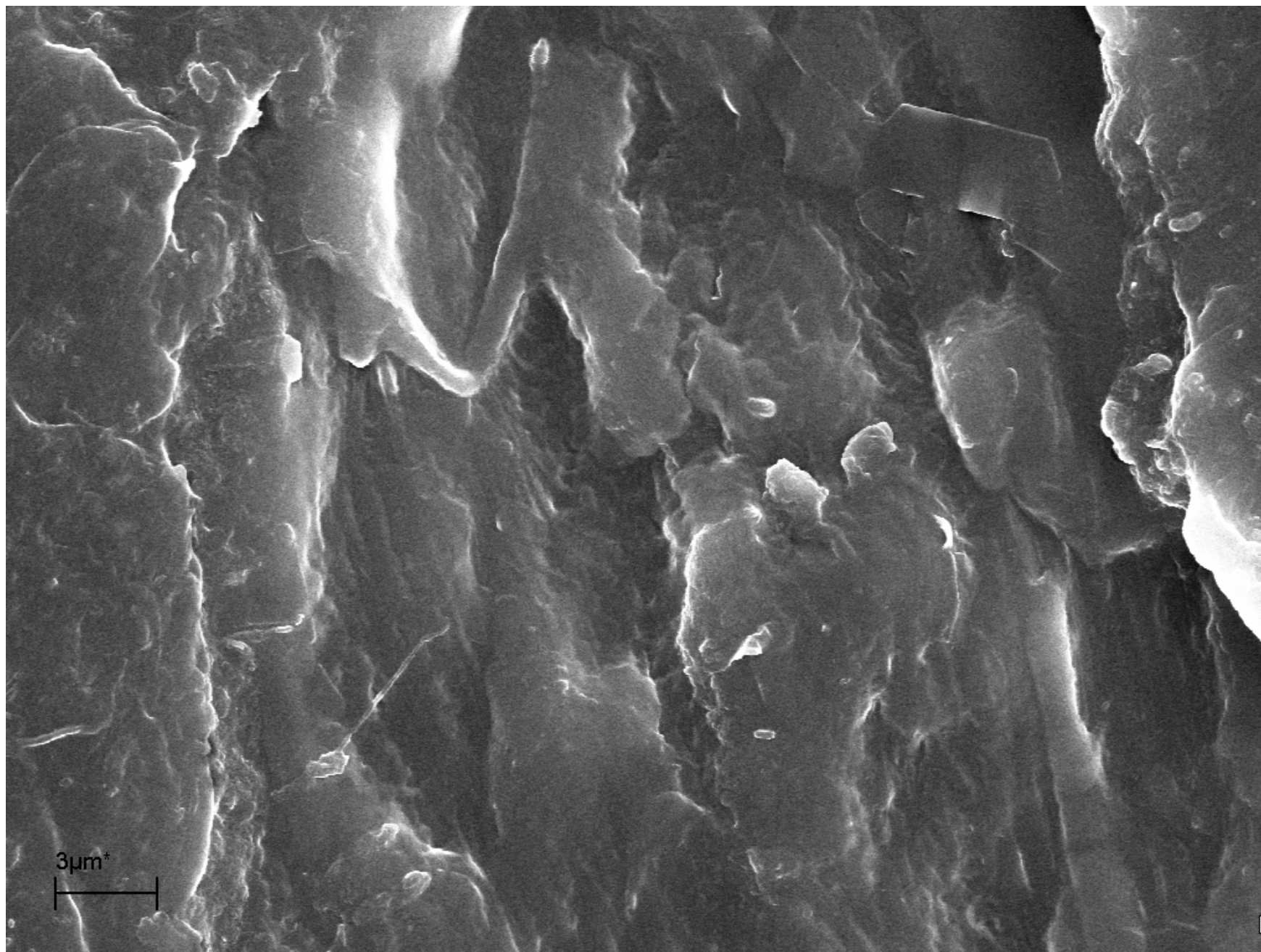




Figure S4. SEM micrographs of AA-CH-S films under 10 kGy gamma radiation dose taken at different magnification

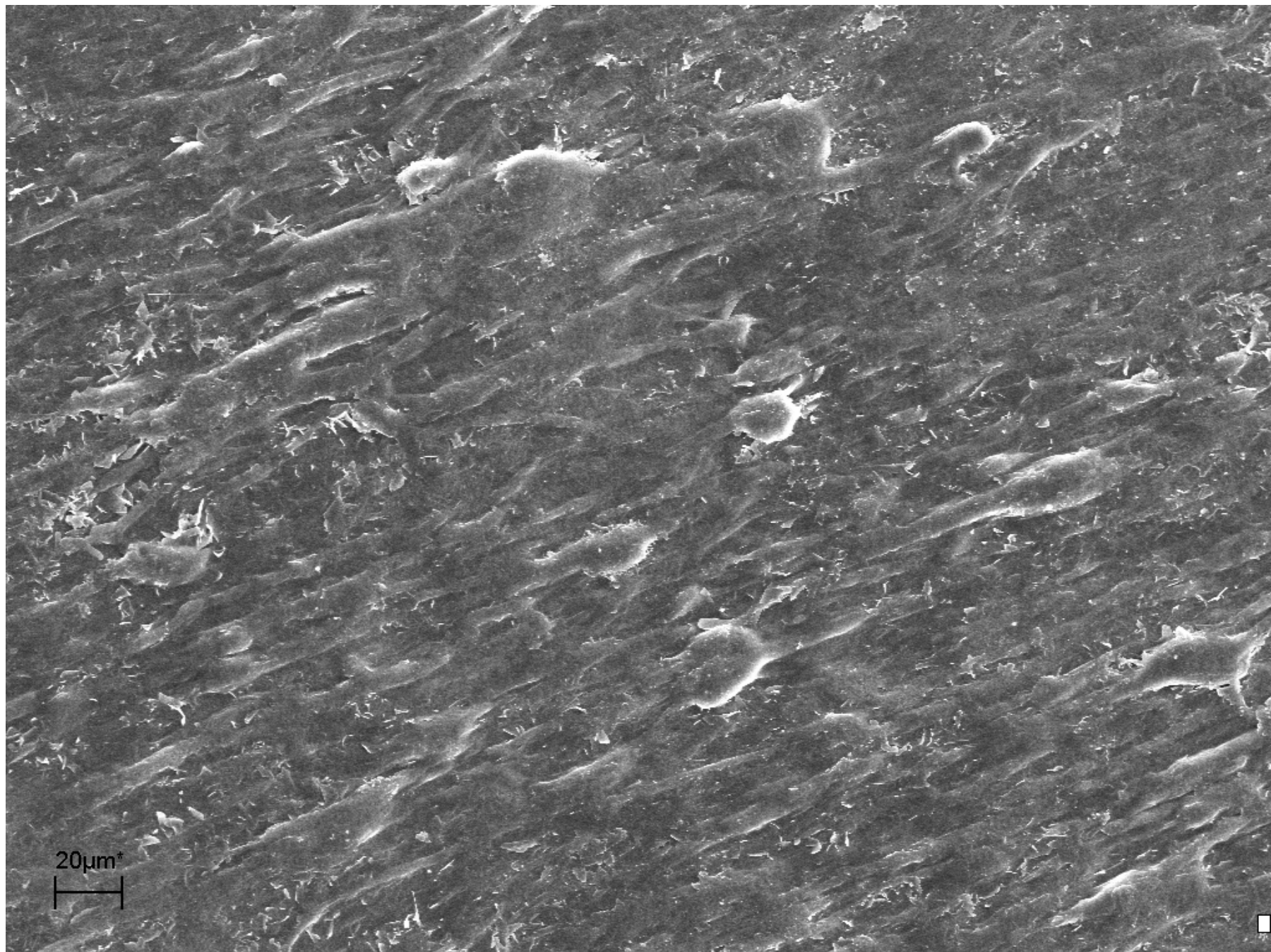


Figure S5. SEM micrographs of AA-CH-S films under 10 kGy gamma radiation dose taken at different magnification

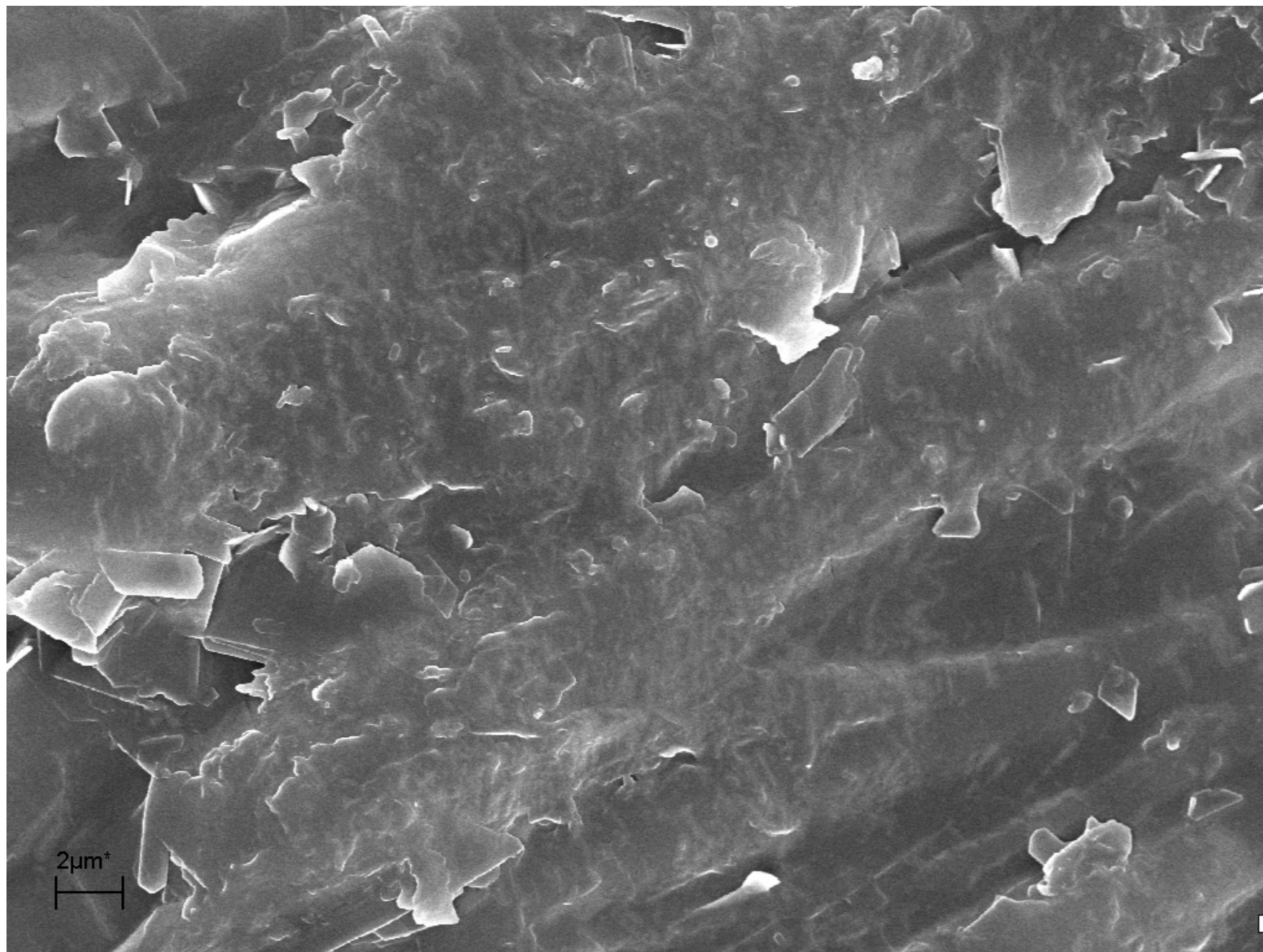


Figure S6. SEM micrographs of AA-CH-S films under 10 kGy gamma radiation dose taken at different magnification

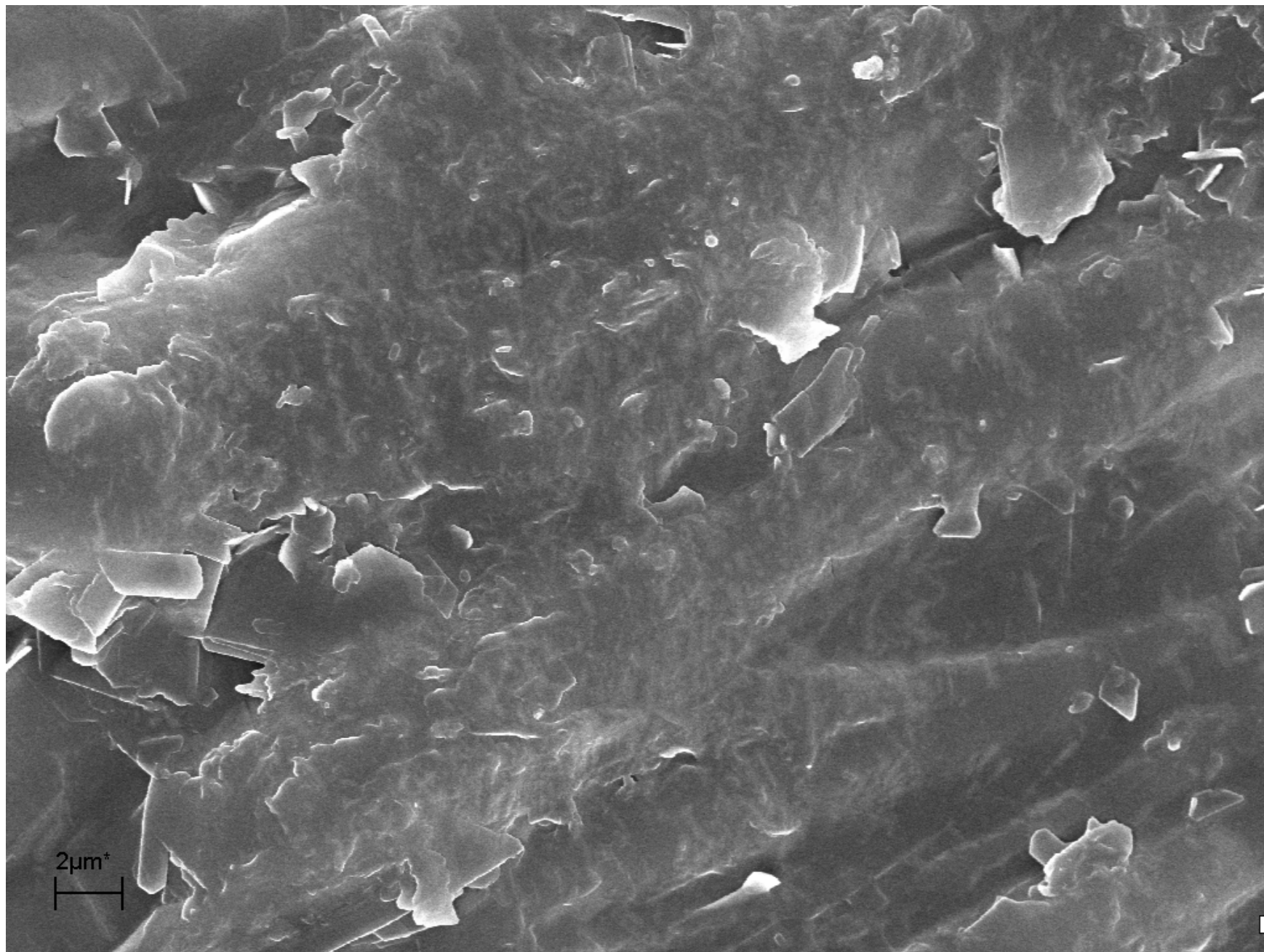




Figure S7. SEM micrographs of AA-CH-S films under 10 kGy gamma radiation dose taken at different magnification

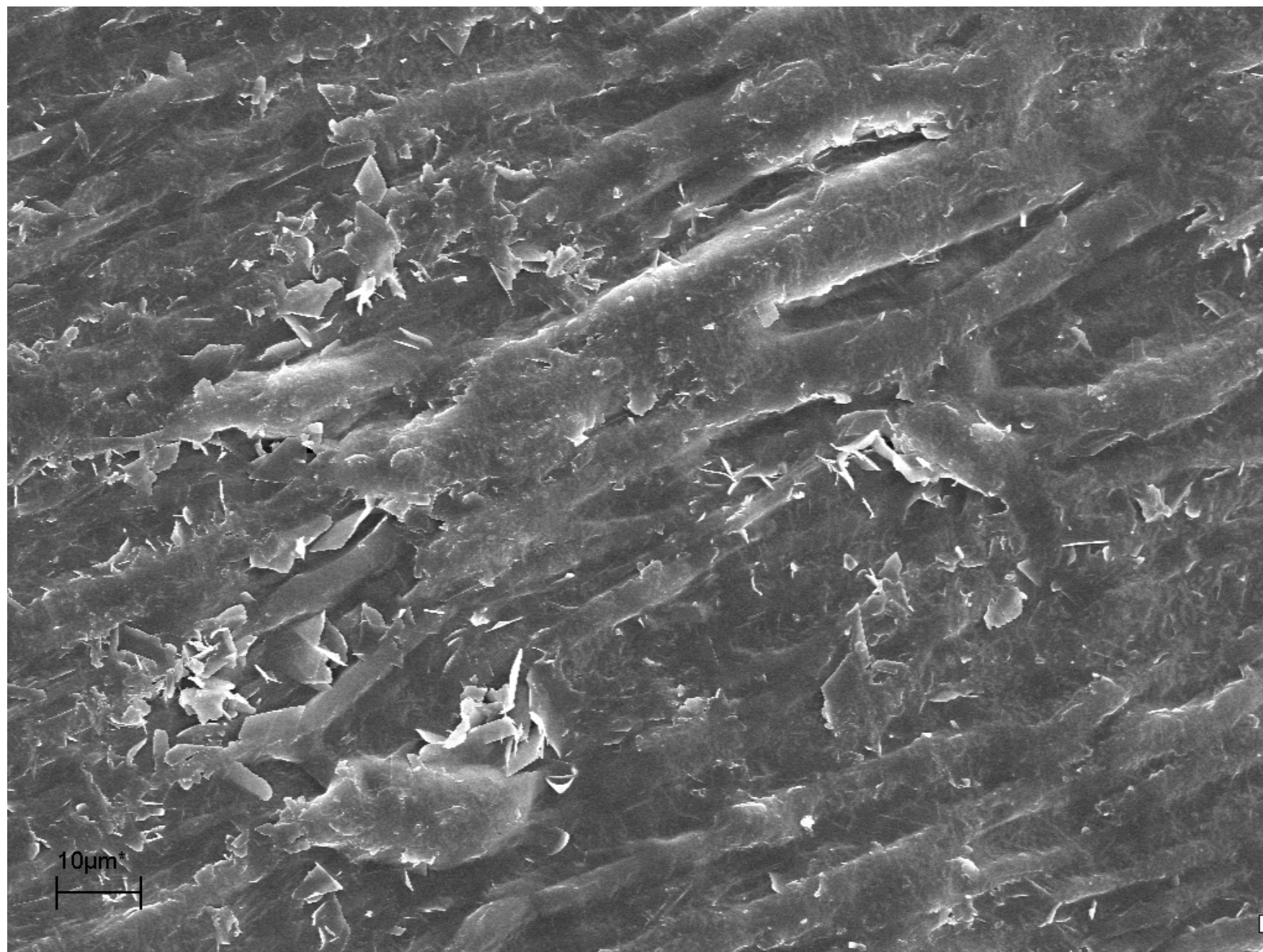


Figure S8. SEM micrographs of AA-CH-S films under 10 kGy gamma radiation dose taken at different magnification

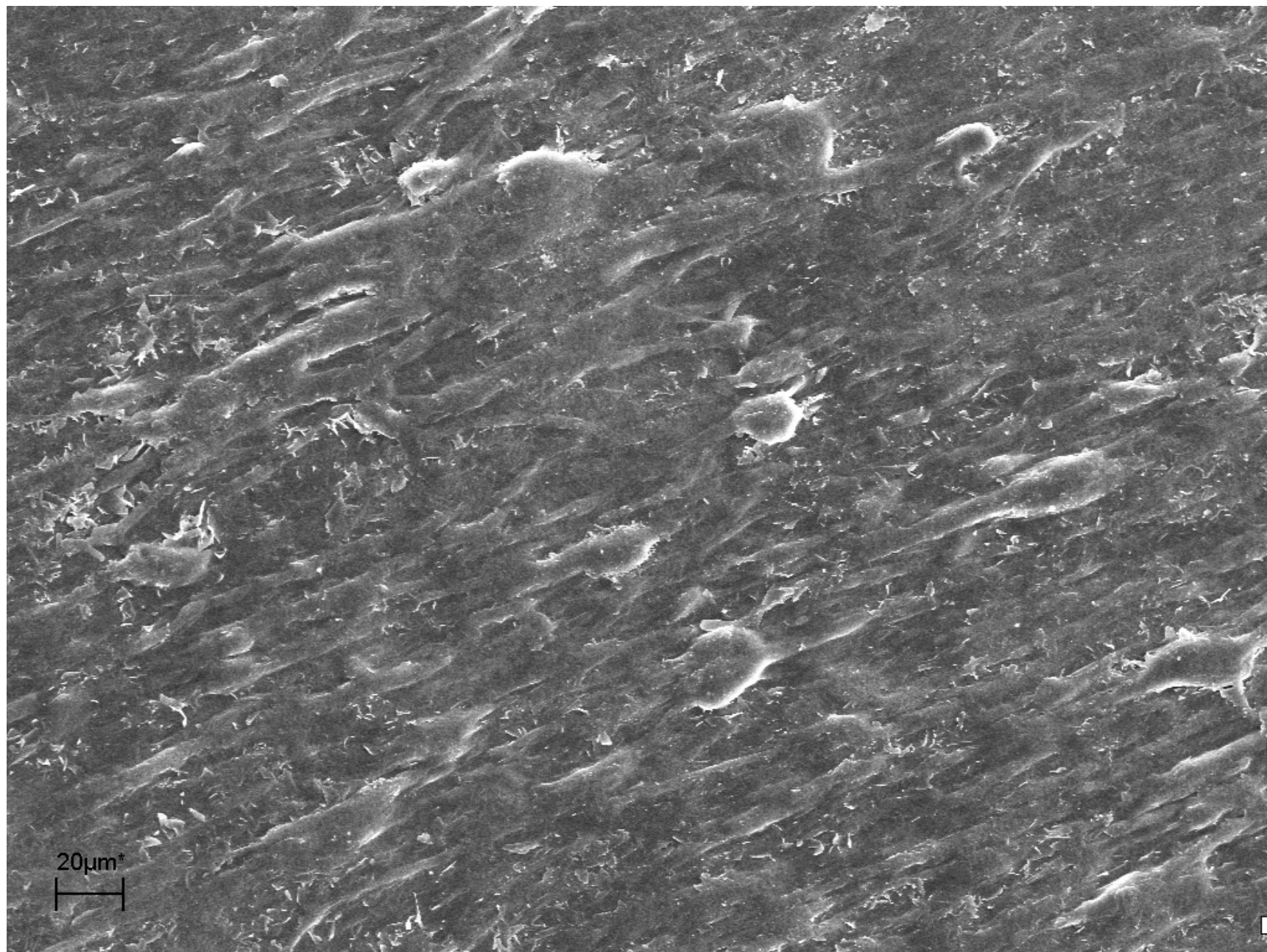




Figure S9. SEM micrographs of AA-CH-S films under 20 kGy gamma radiation dose taken at different magnification

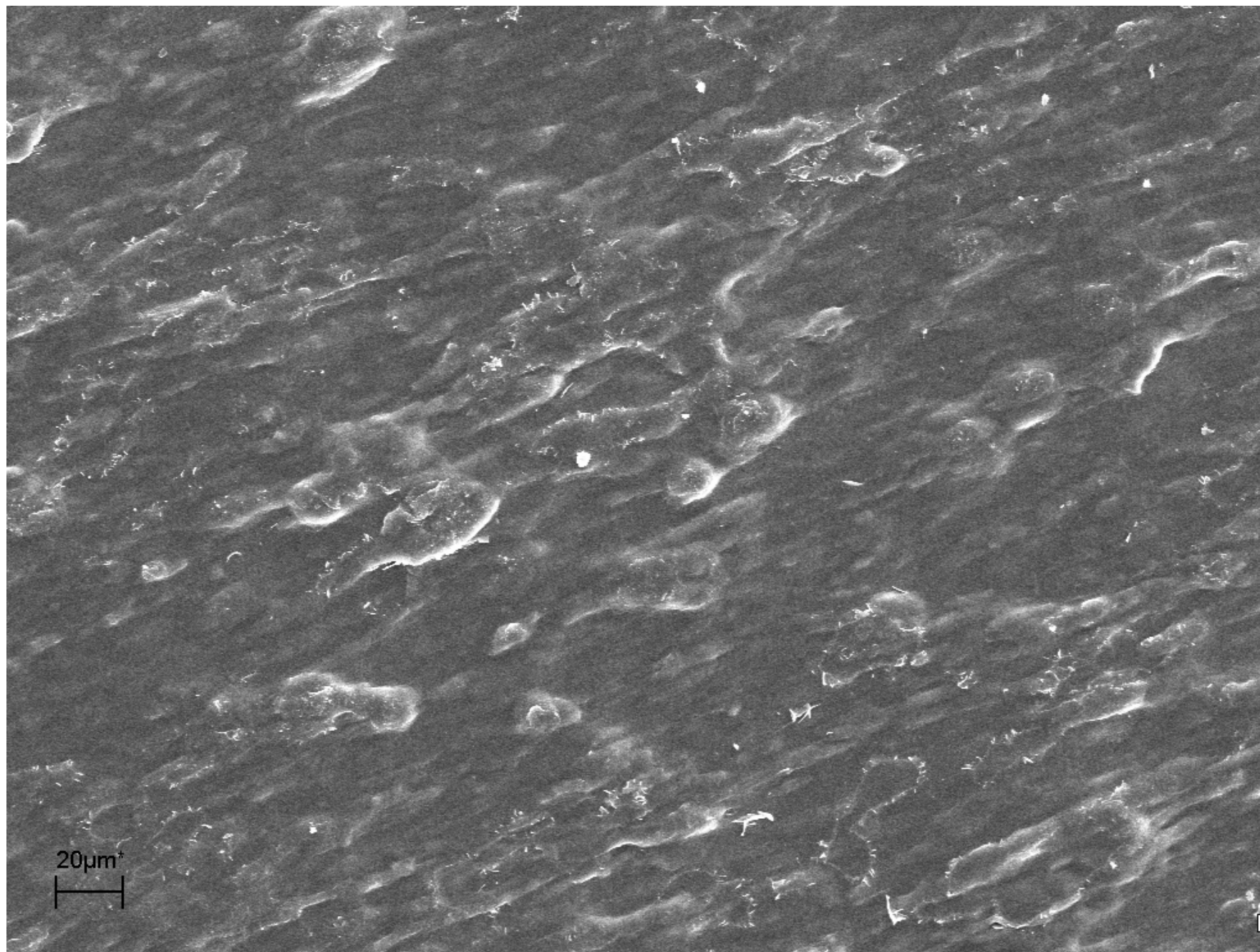


Figure S10. SEM micrographs of AA-CH-S films under 20 kGy gamma radiation dose taken at different magnification

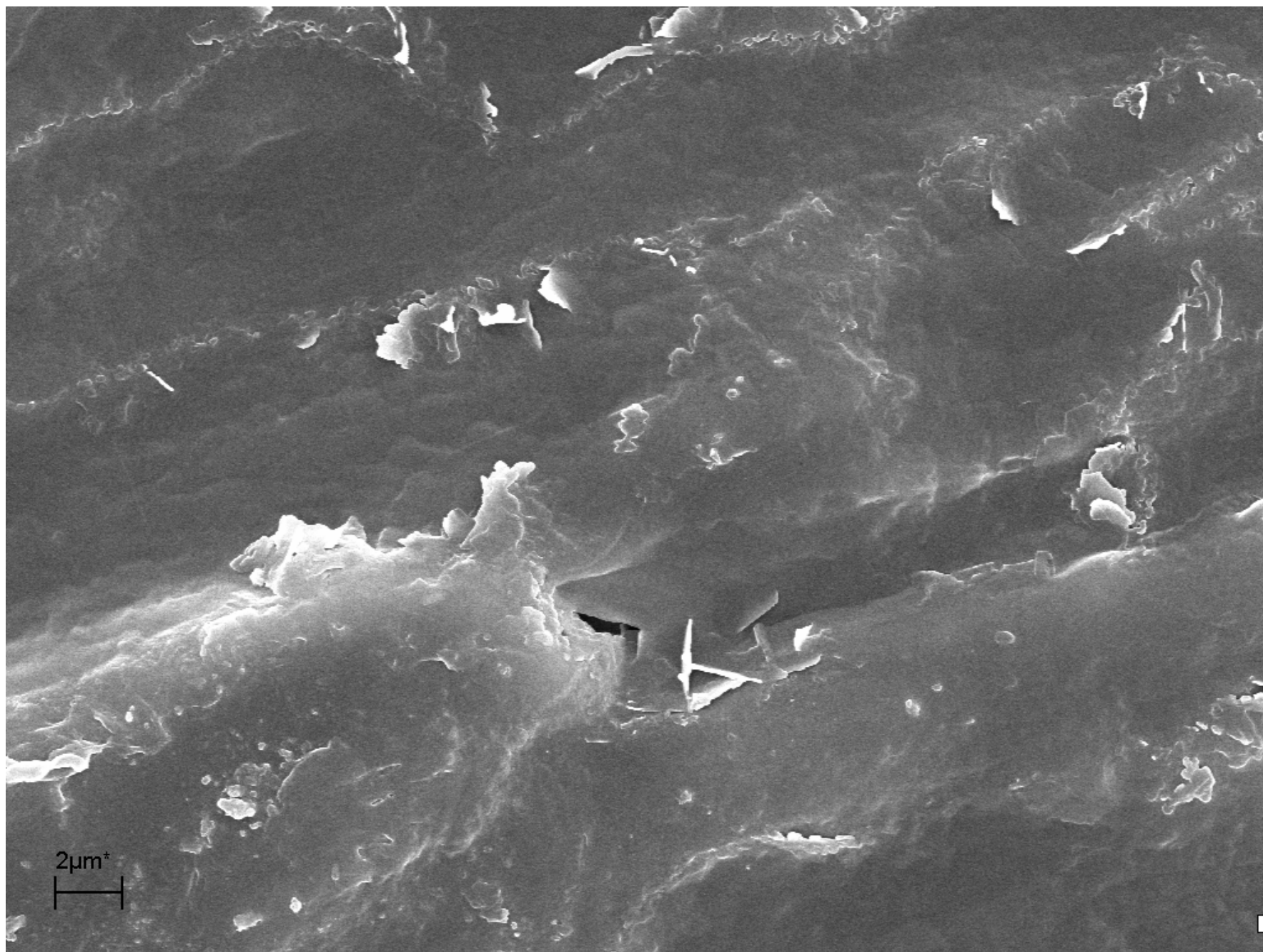


Figure S11. SEM micrographs of AA-CH-S films under 20 kGy gamma radiation dose taken at different magnification

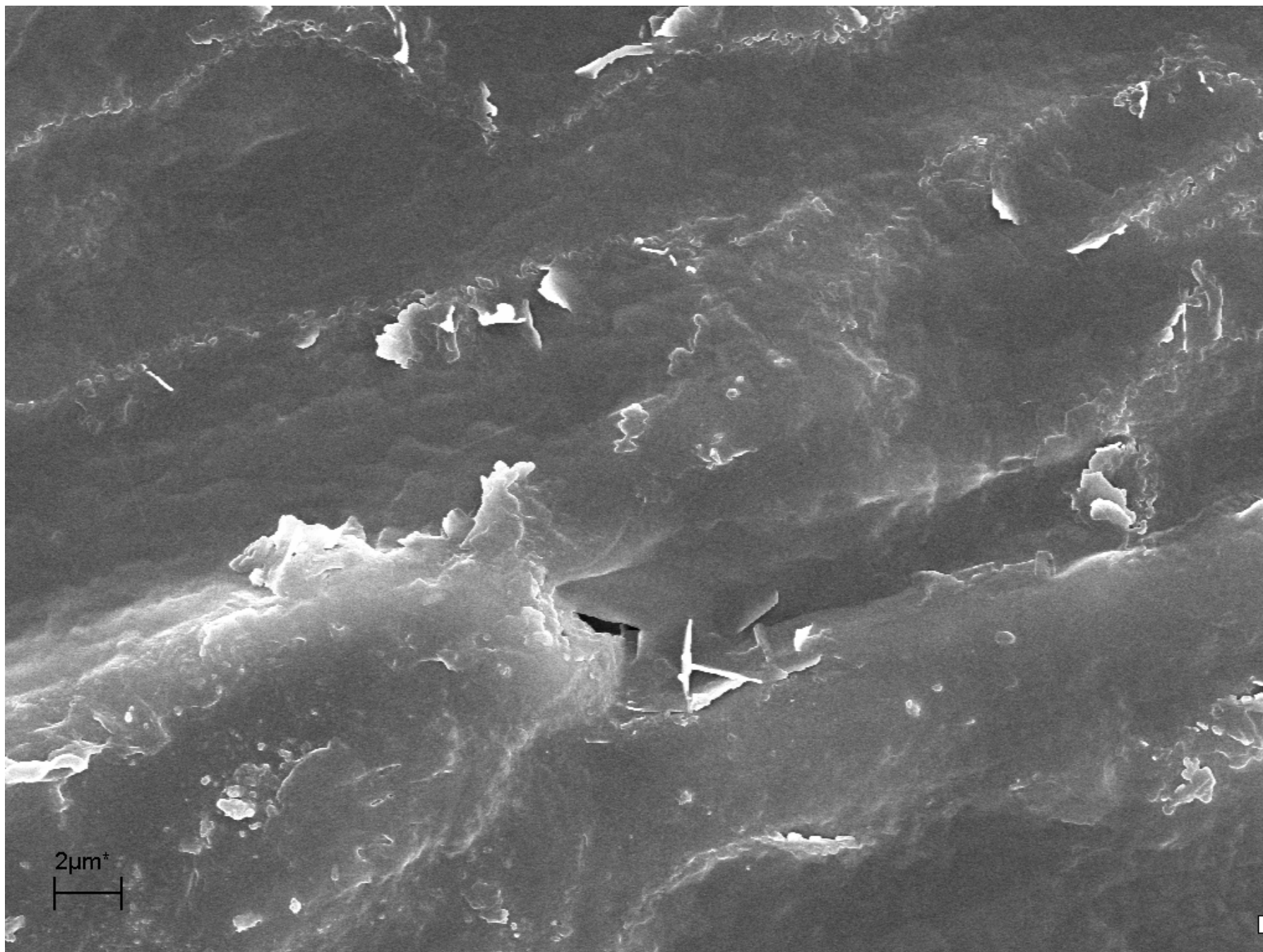




Figure S12. SEM micrographs of AA-CH-S films under 20 kGy gamma radiation dose taken at different magnification

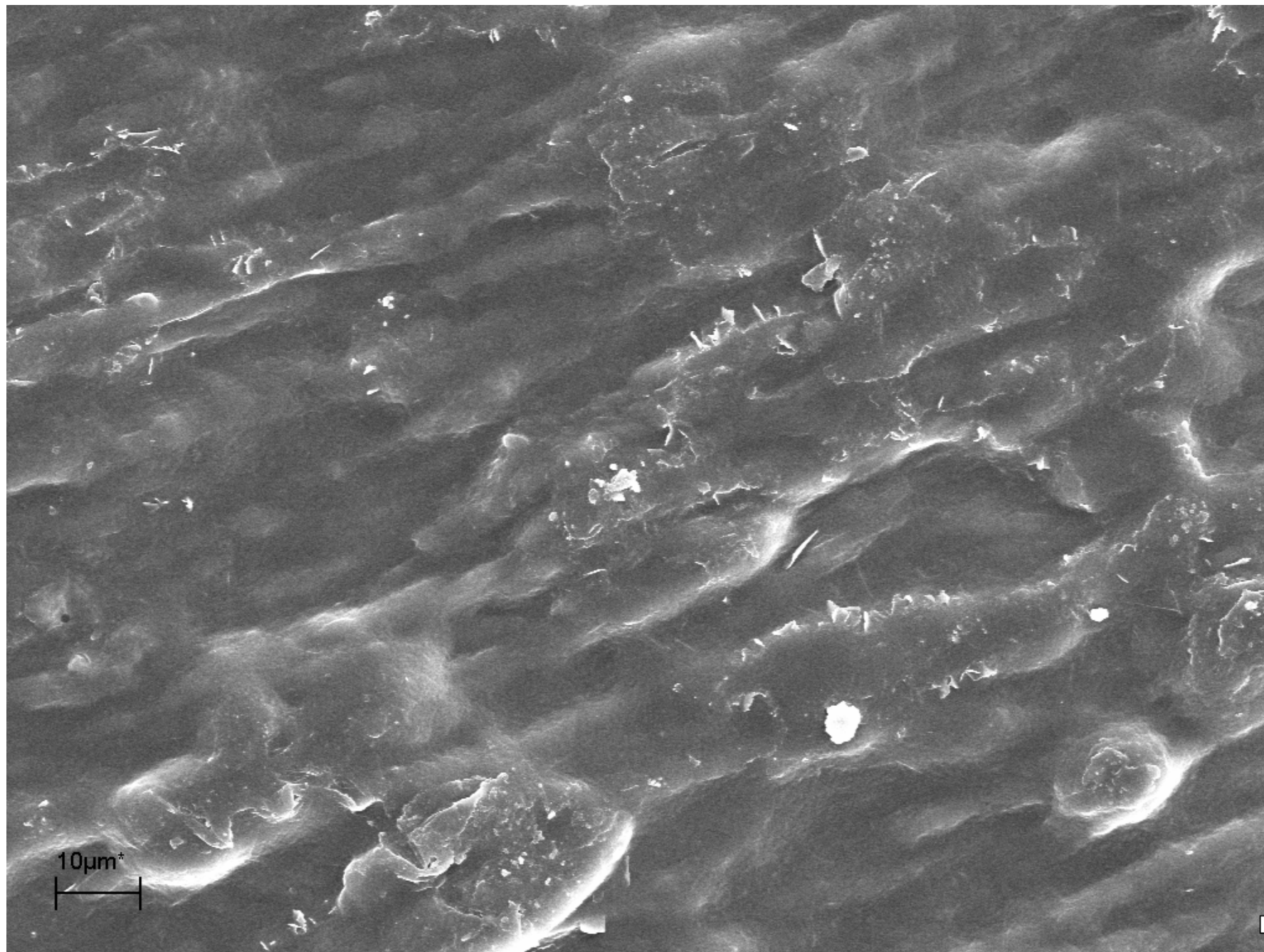


Figure S13. SEM micrographs of AA-CH-S films under 20 kGy gamma radiation dose taken at different magnification

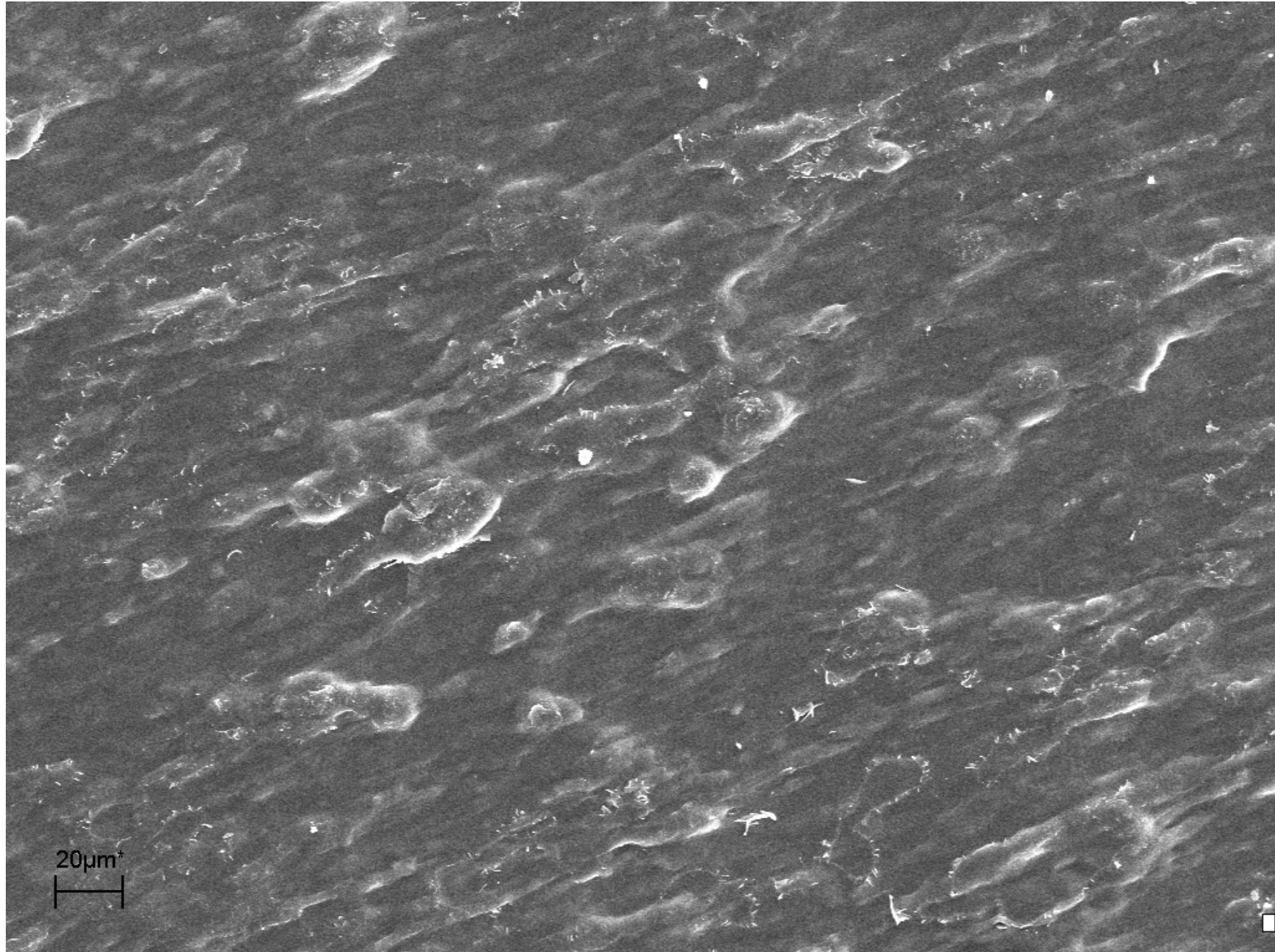


Figure S14. SEM micrographs of AA-CH-S films under 40 kGy gamma radiation dose taken at different magnification

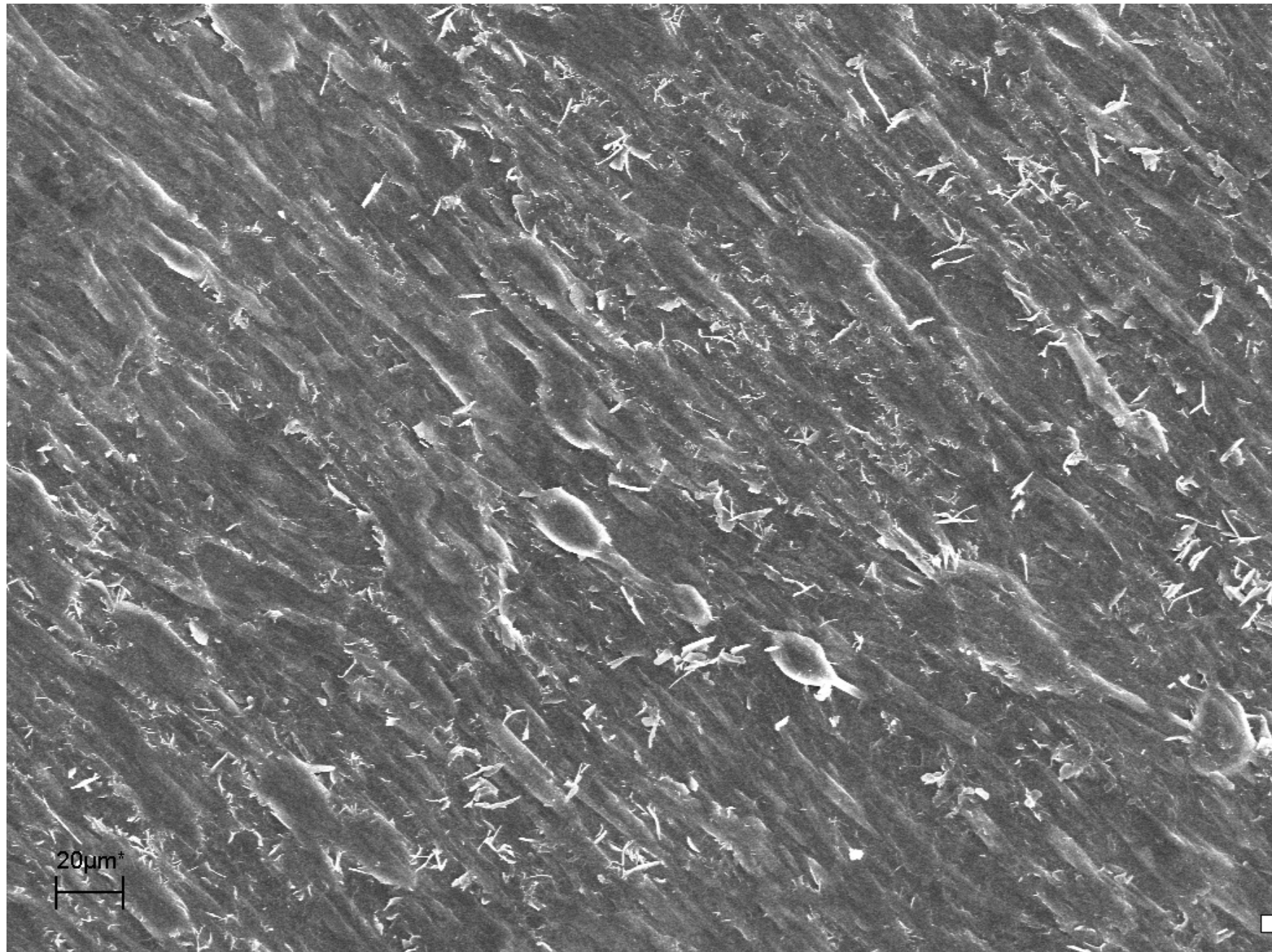




Figure S15. SEM micrographs of AA-CH-S films under 40 kGy gamma radiation dose taken at different magnification

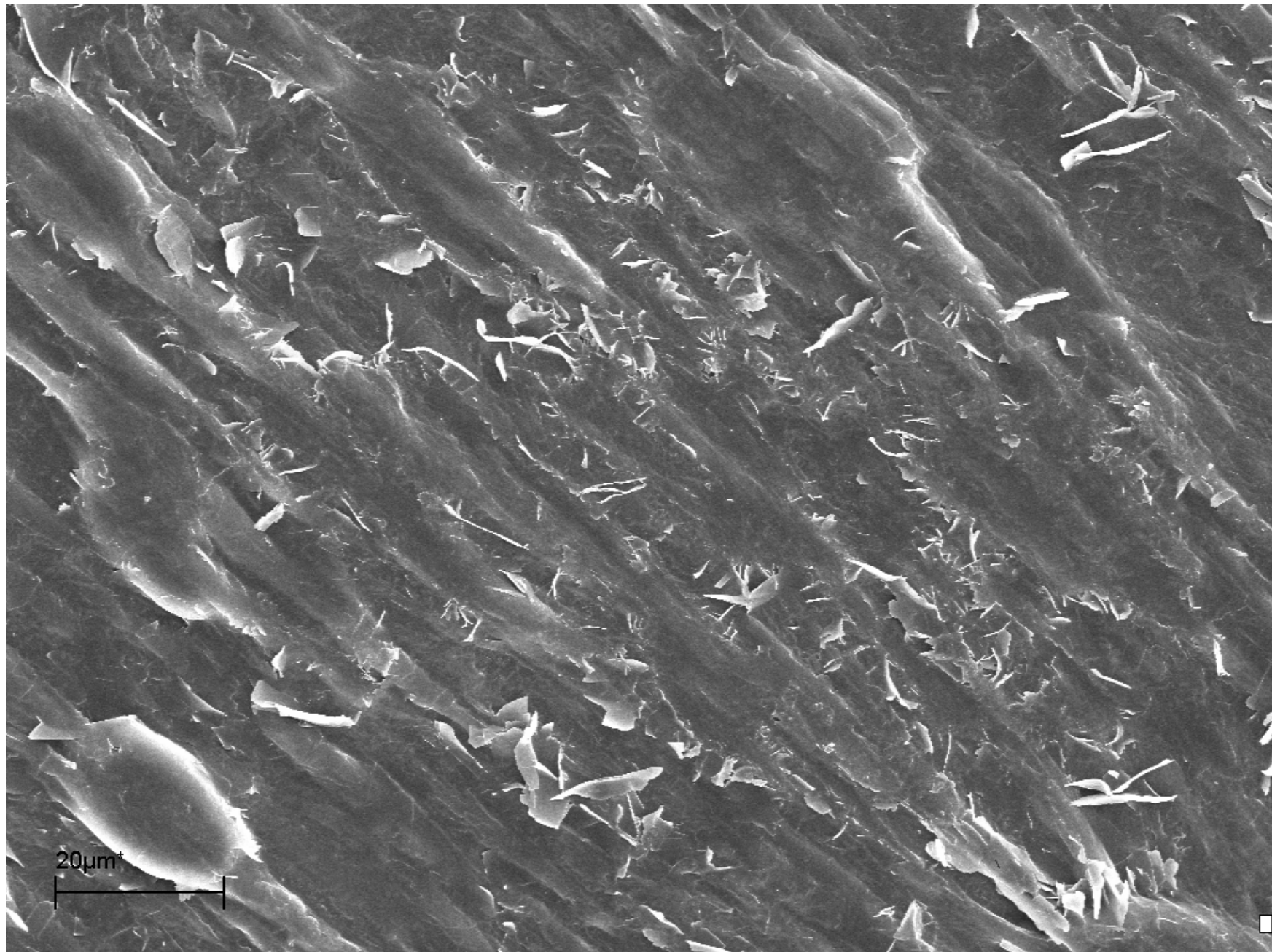


Figure S16. SEM micrographs of AA-CH-S films under 40 kGy gamma radiation dose taken at different magnification

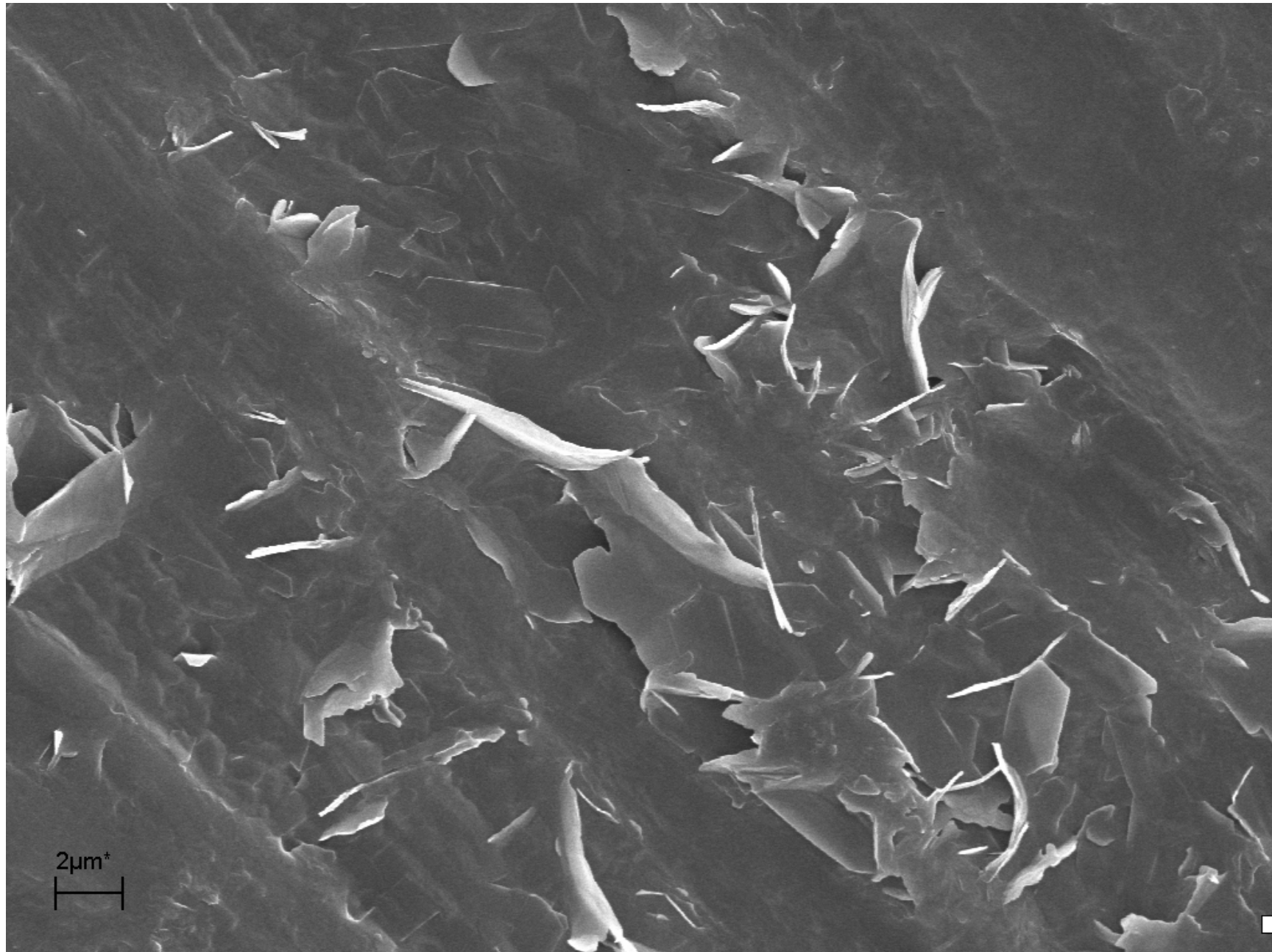


Figure S17. SEM micrographs of AA-CH-S films under 40 kGy gamma radiation dose taken at different magnification

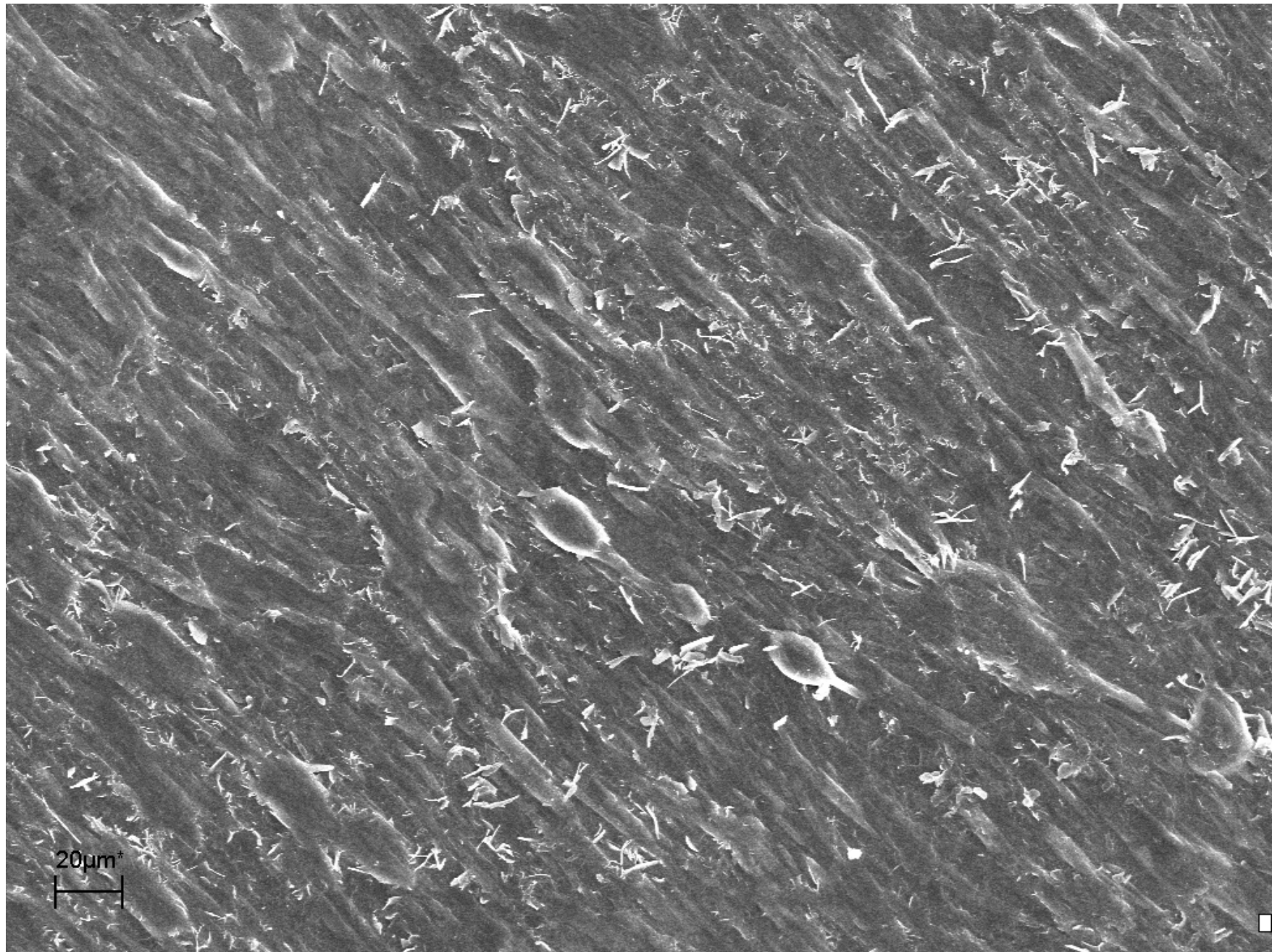




Figure S18. SEM micrographs of AA-CH-S films under 40 kGy gamma radiation dose taken at different magnification

