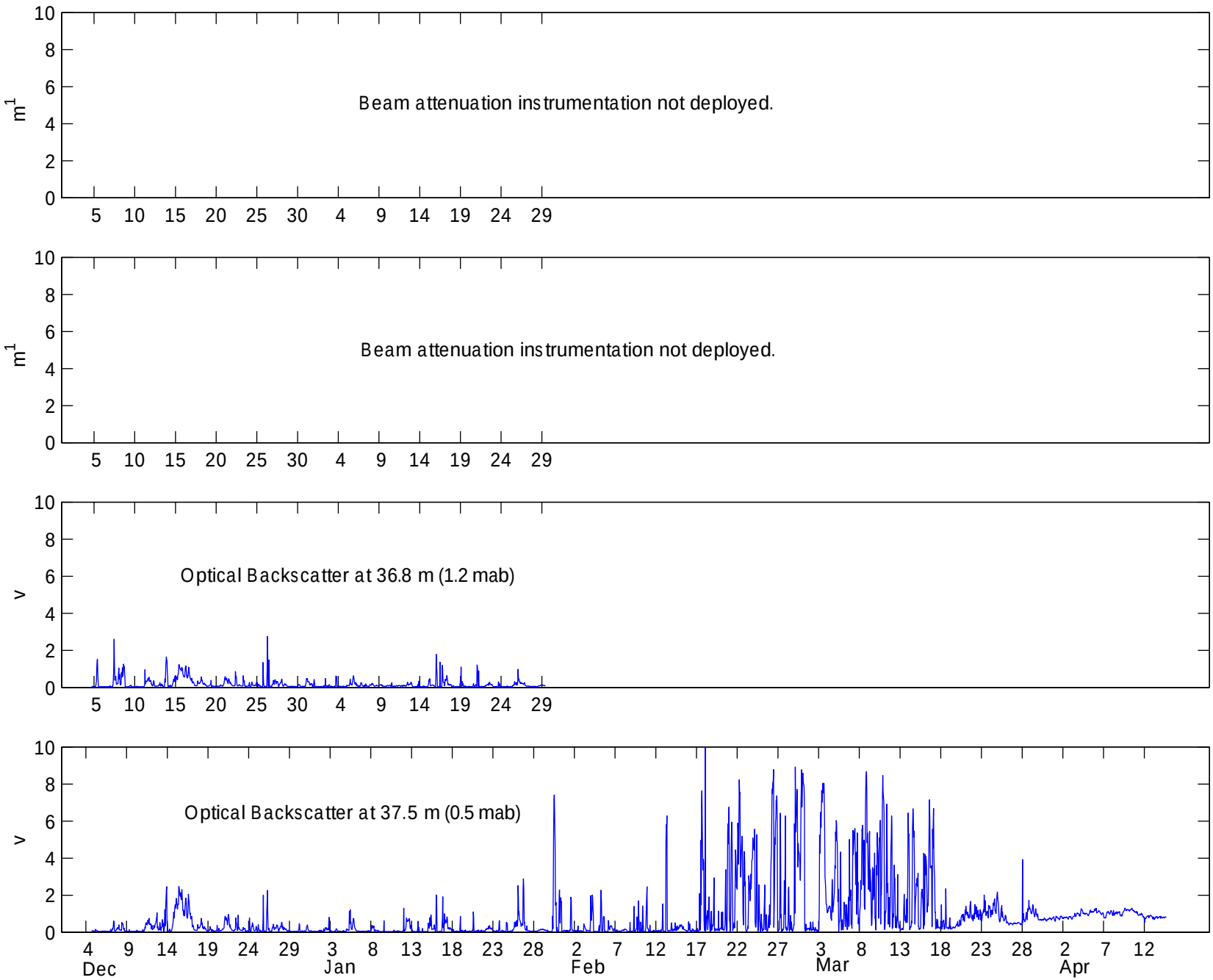Station A: Beam Attenuation/Optical Backscatter