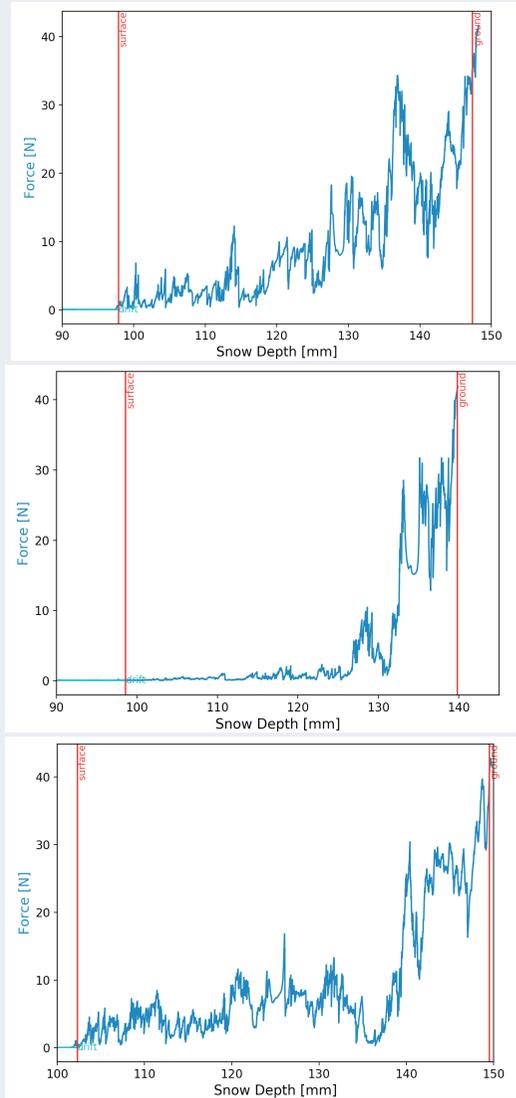


# Physical properties and spatial distribution of the sea ice surface scattering layer (SSL) during the autumn phase of the MOSAiC expedition

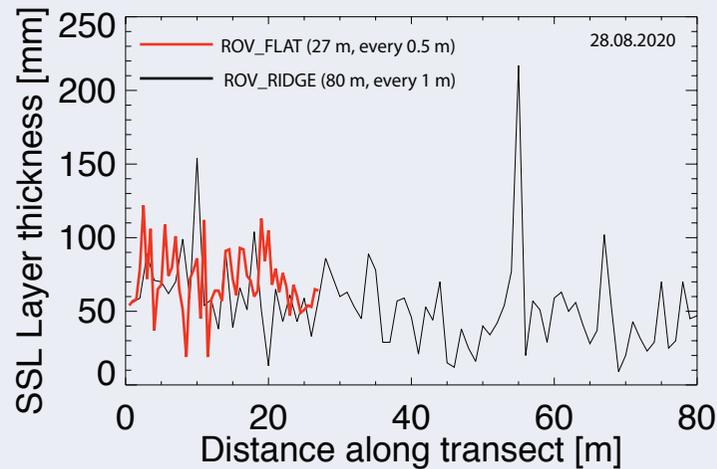
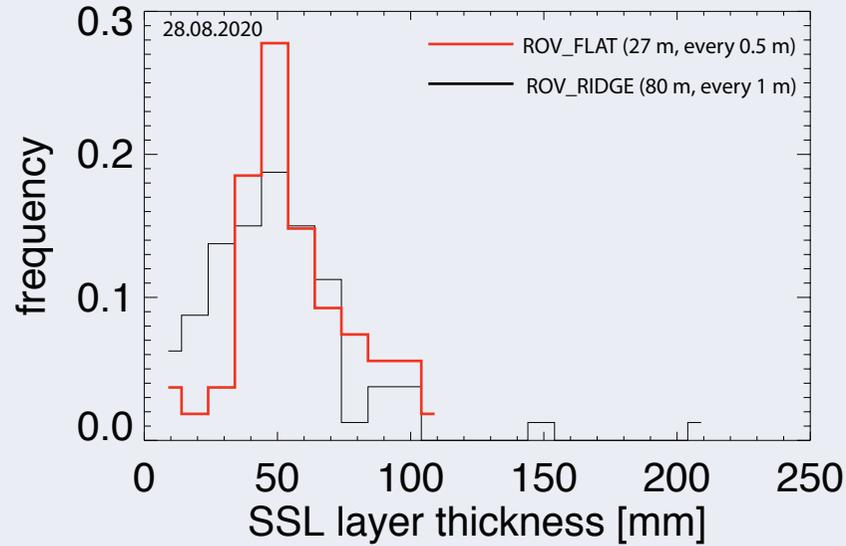
Ruzica Dadic,<sup>1</sup> Martin Schneebeli,<sup>2</sup> Henna-Reeta Hannula,<sup>3</sup> Amy Macfarlane<sup>2</sup> and Roberta Pirazzini<sup>3</sup>  
 1 Victoria University of Wellington, 2 WSL Institute for Snow and Avalanche Research SLF, 3 Finnish Meteorological Institute

## SMP example profiles along ROV\_RIDGE



Temperature and moisture?

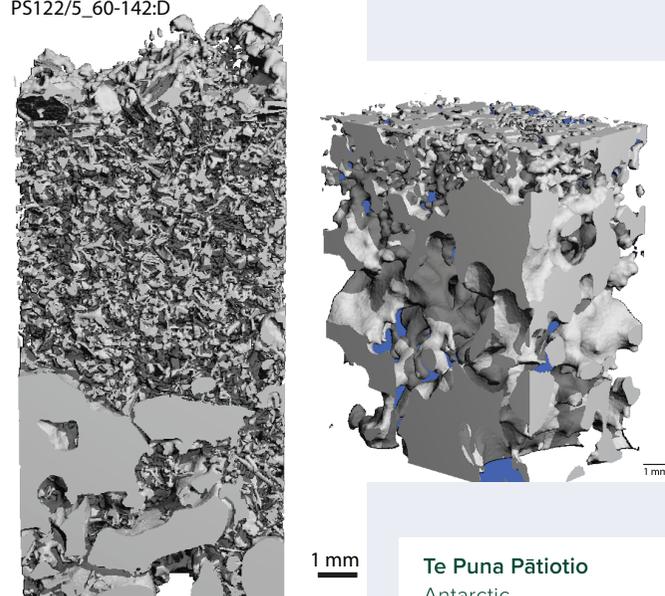
## PDF of SSL (from SMP profiles)



SMP in action

## Snow on SSL from microCT

PS122/5\_60-142:D



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