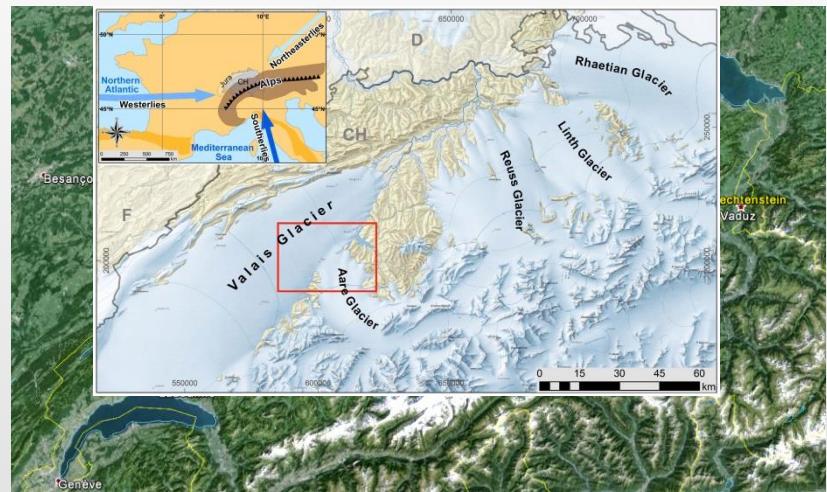


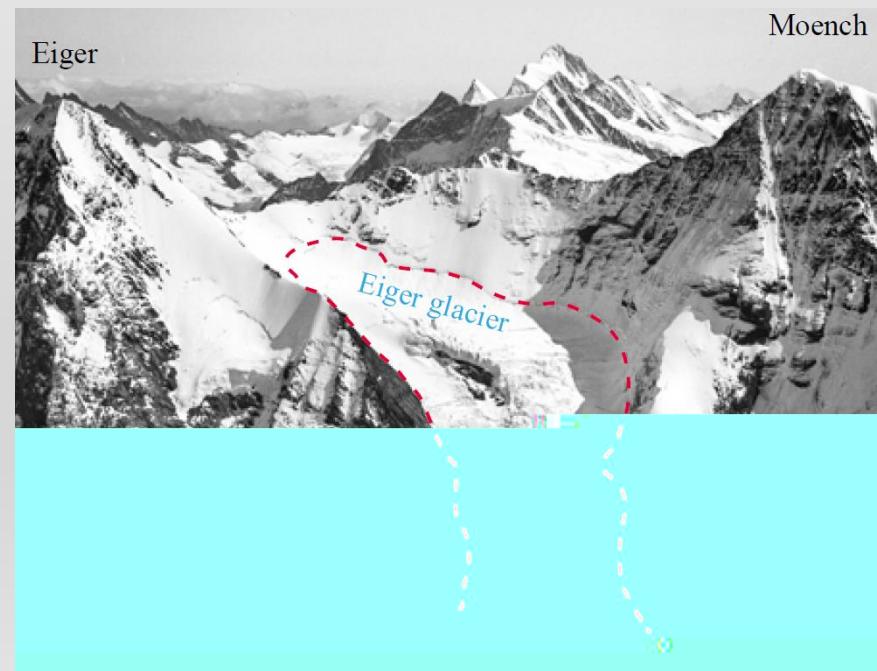
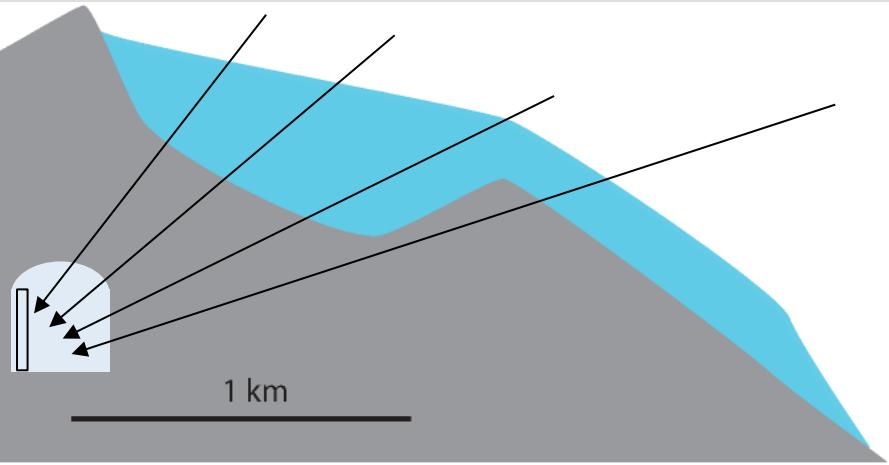
μ 



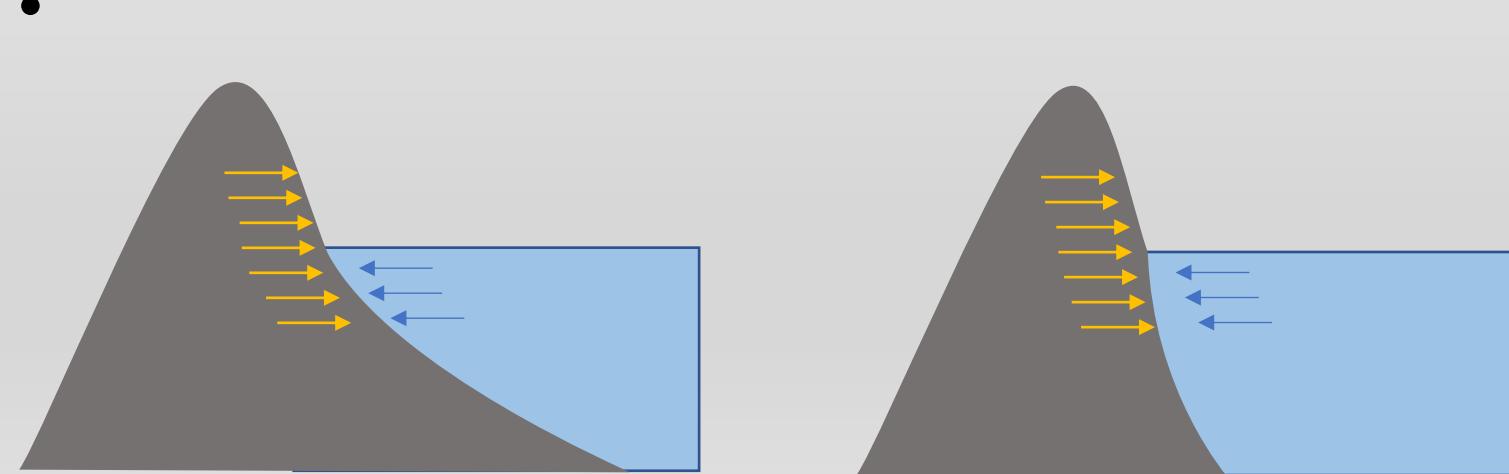
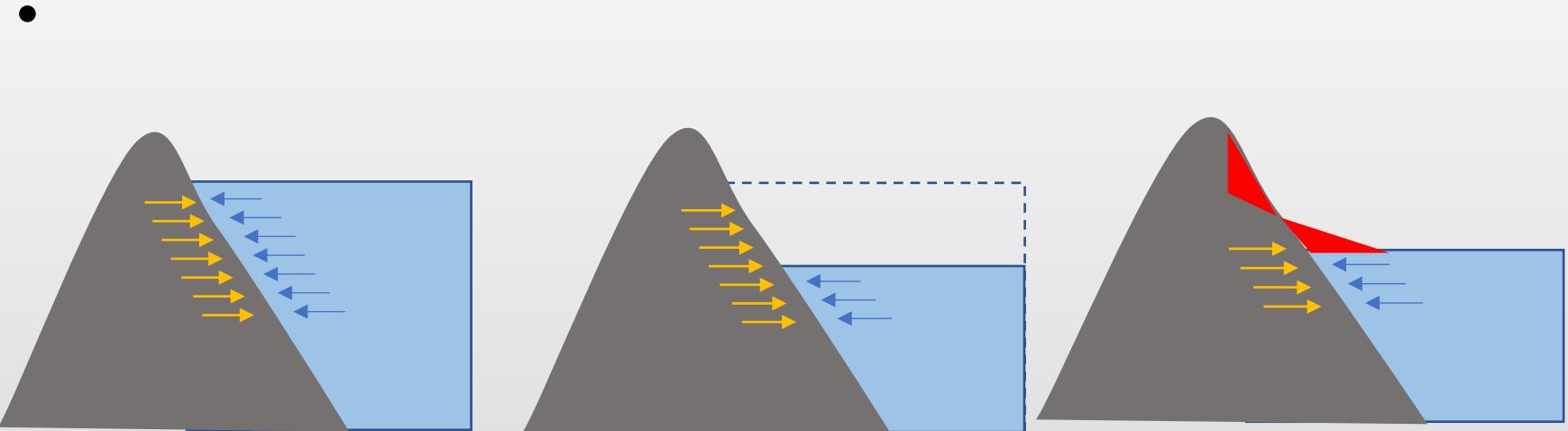


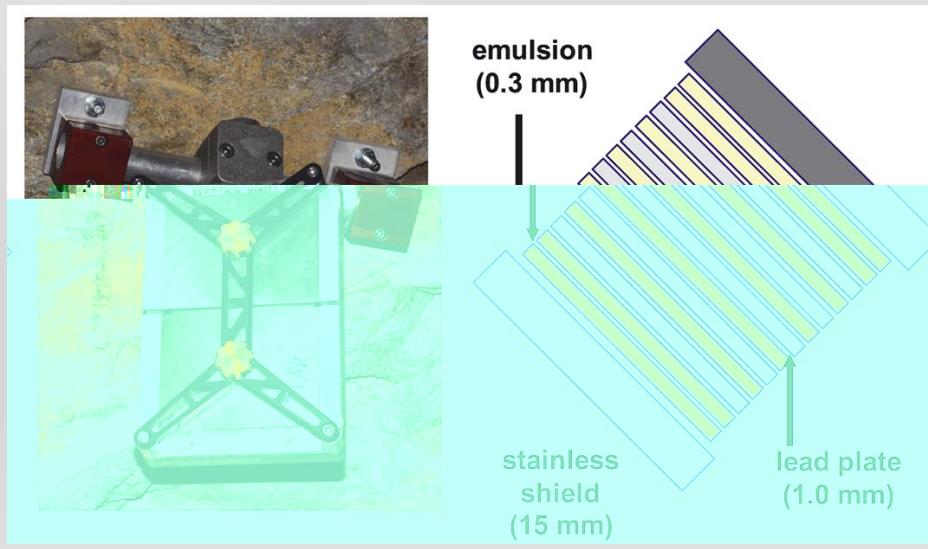
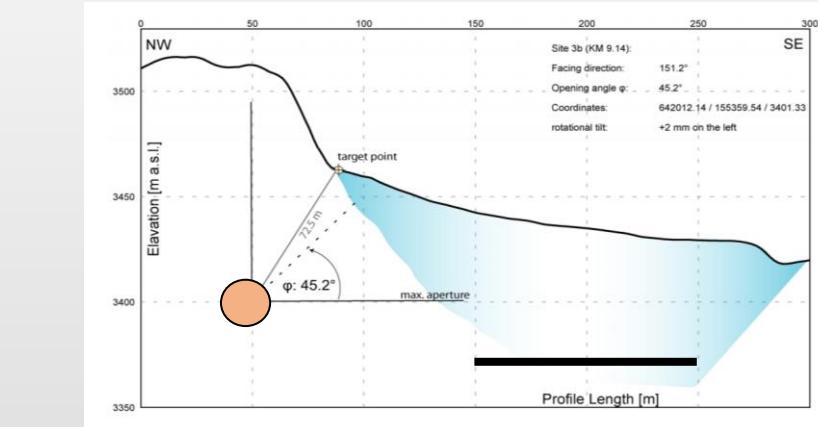
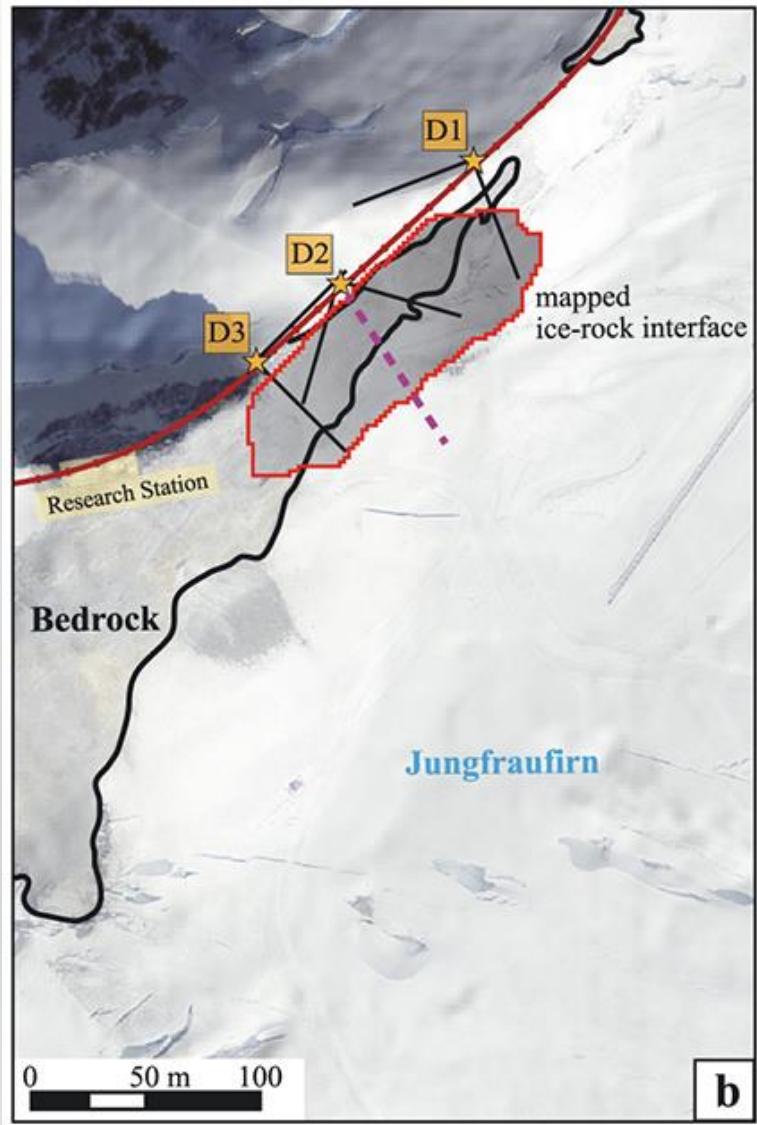
μ

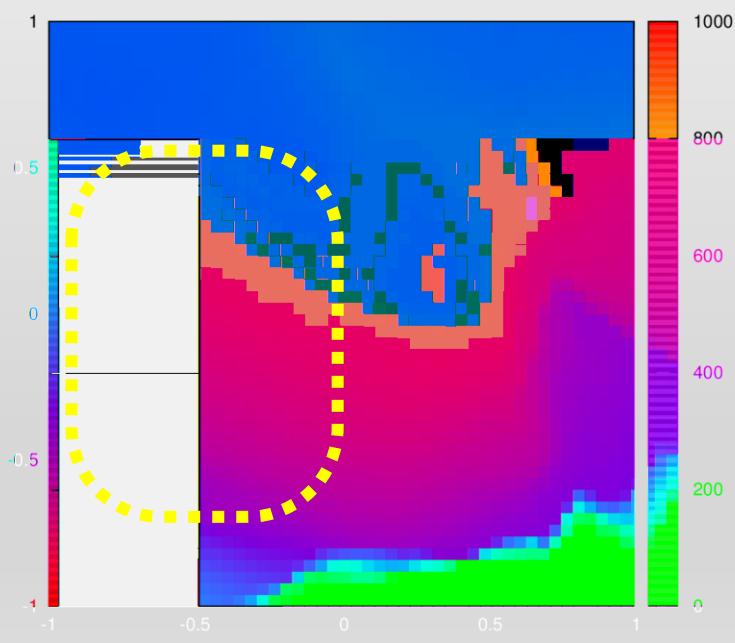
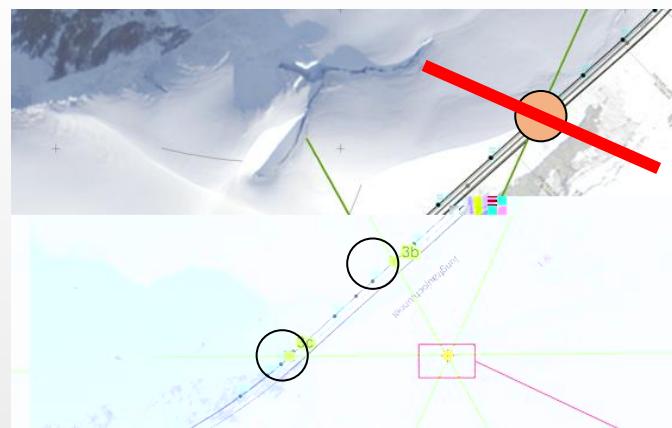
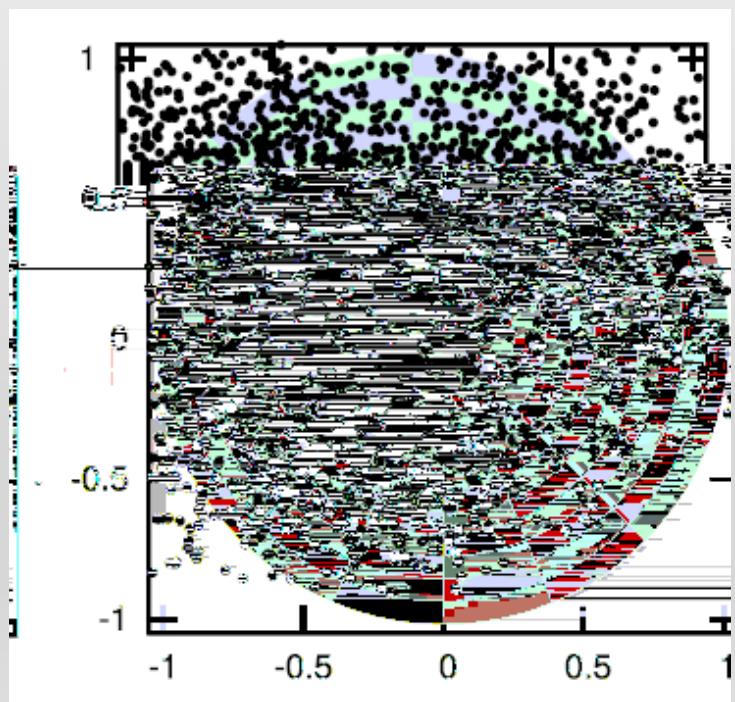
μ









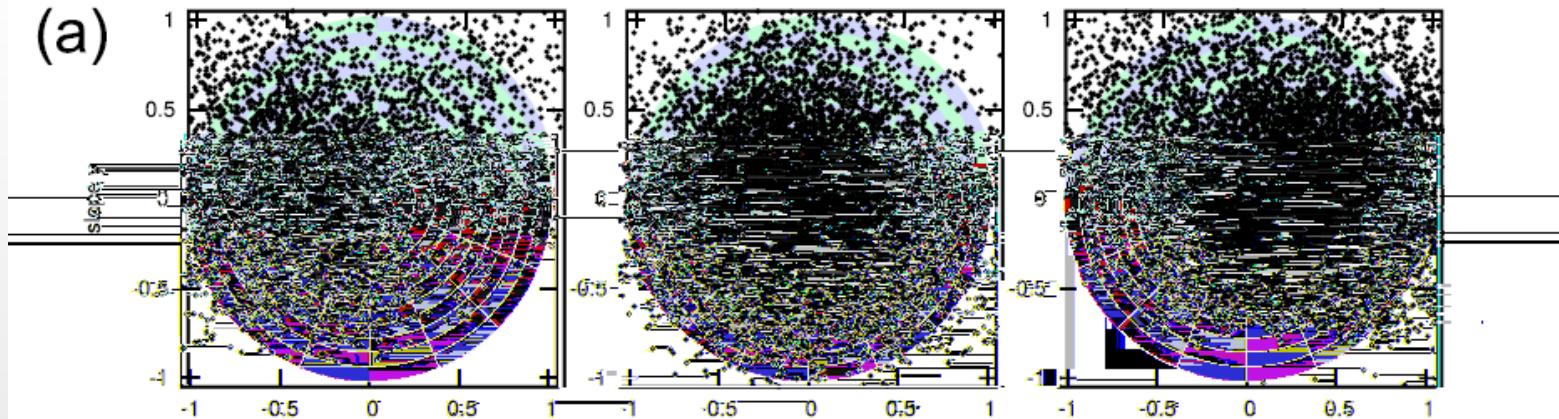


D1

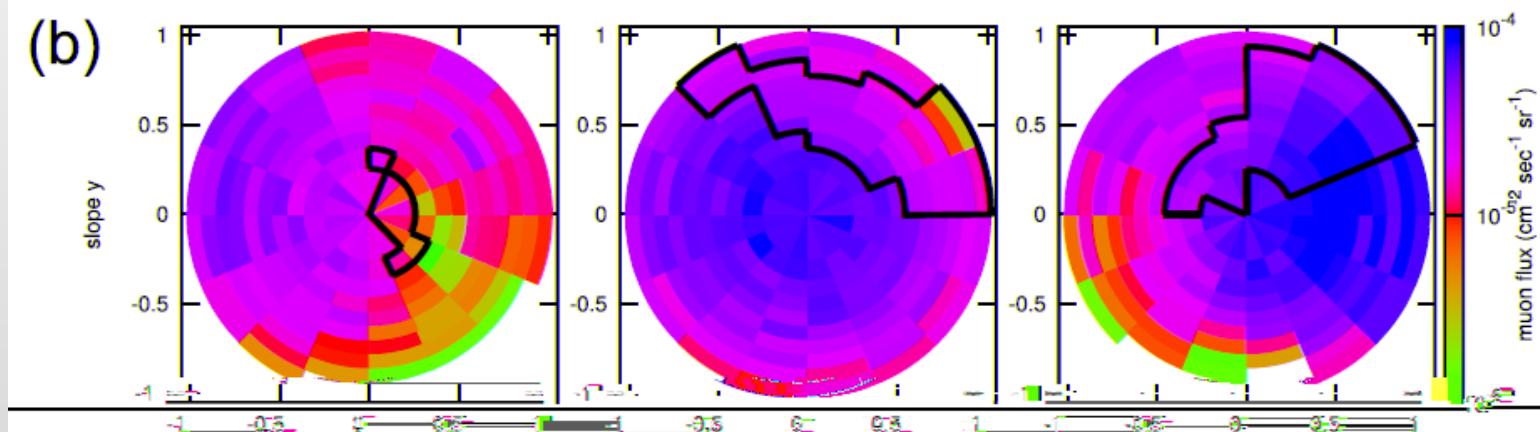
D2

D3

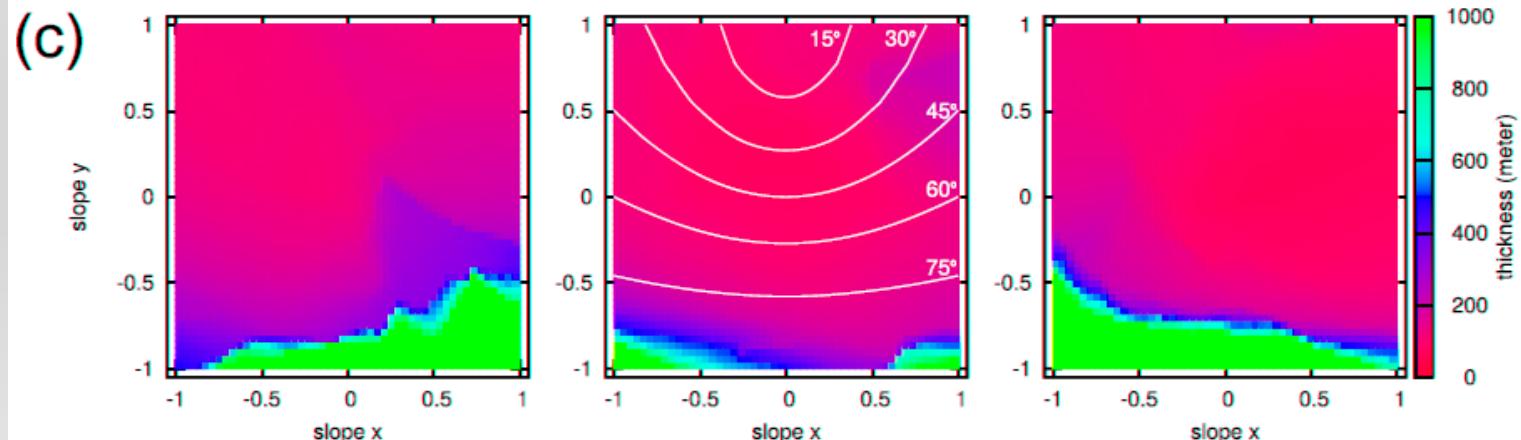
(a)

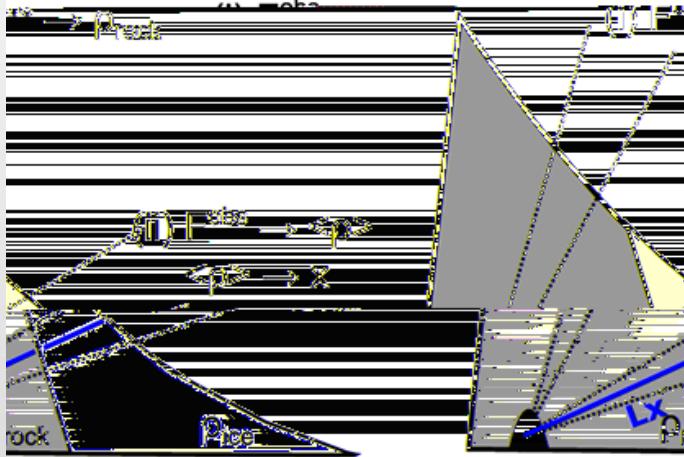


(b)



(c)



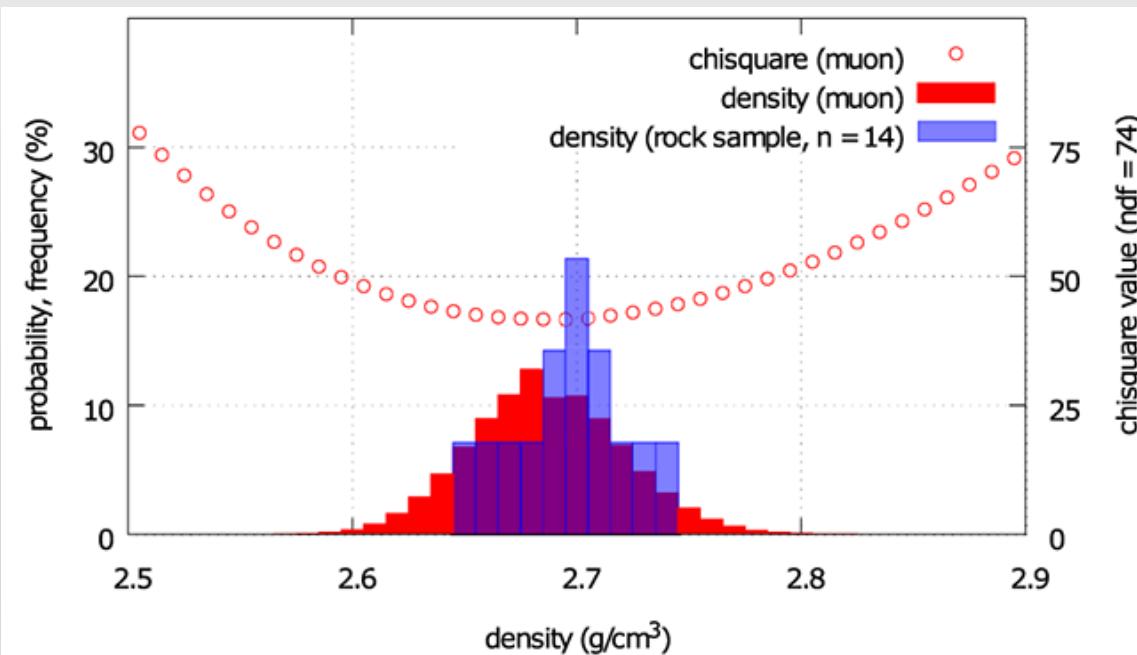


$$\langle \rho \rangle = \rho_{rock} \times x + \rho_{ice} \times (1 - x)$$

$$\rho_{rock} = 2.68 \text{ g/cm}^3$$

$$\rho_{ice} = 0.85 \text{ g/cm}^3$$

x : fraction of rock

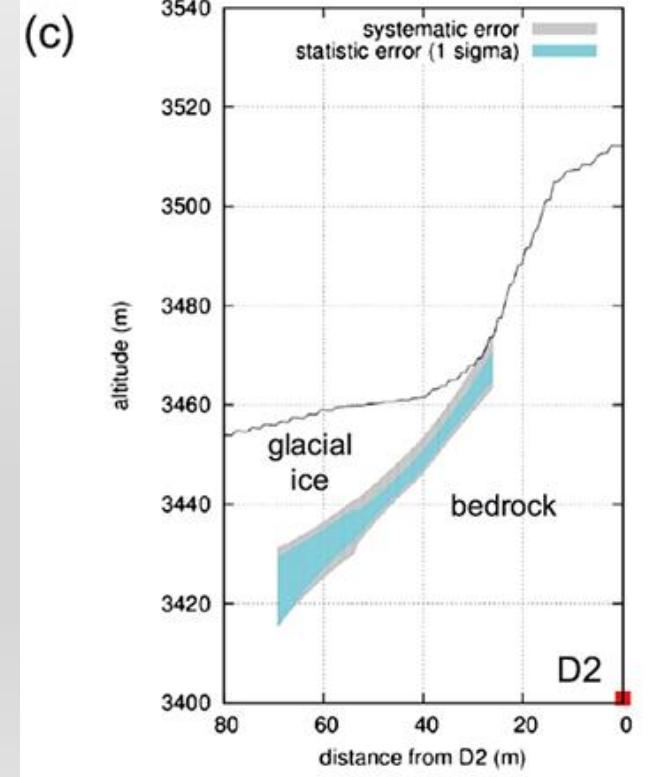
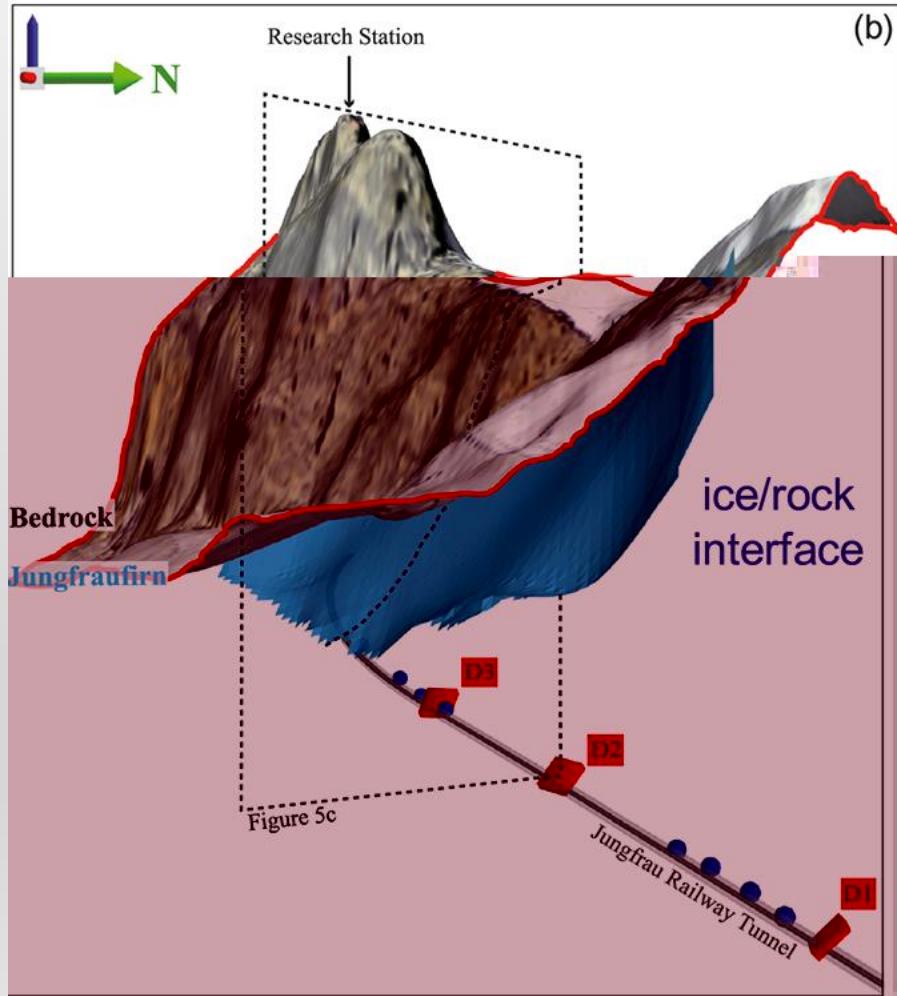


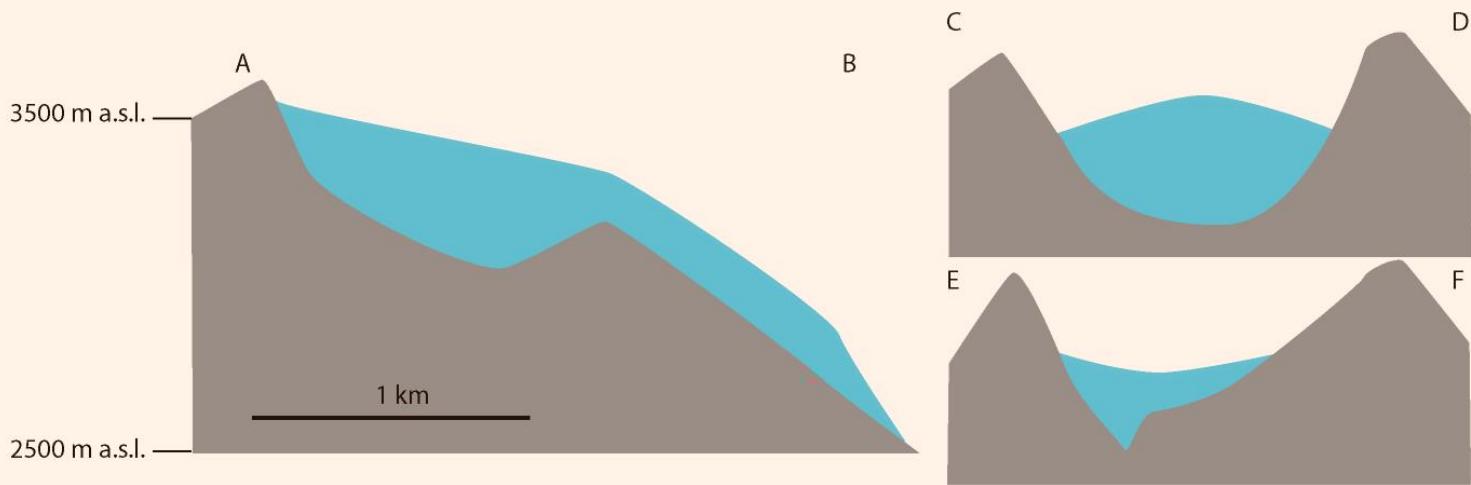
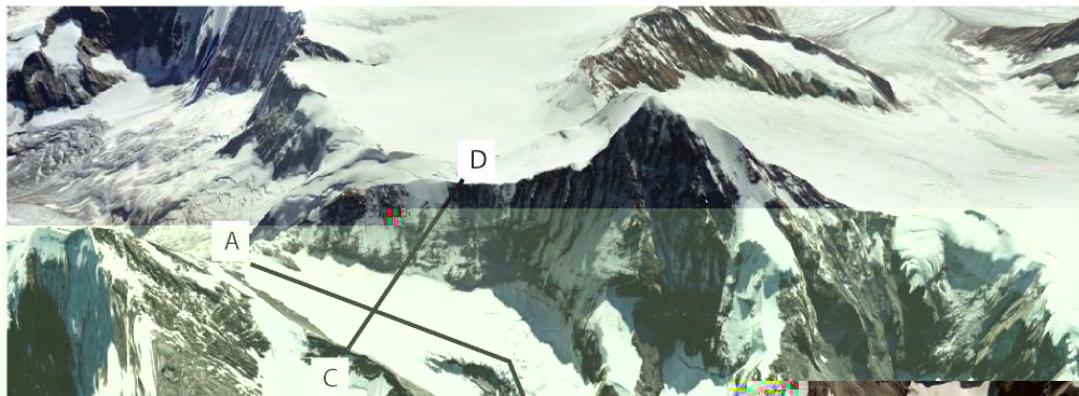
Muon radiography: 2.68 ± 0.04 (g/cm^3 , 1σ)

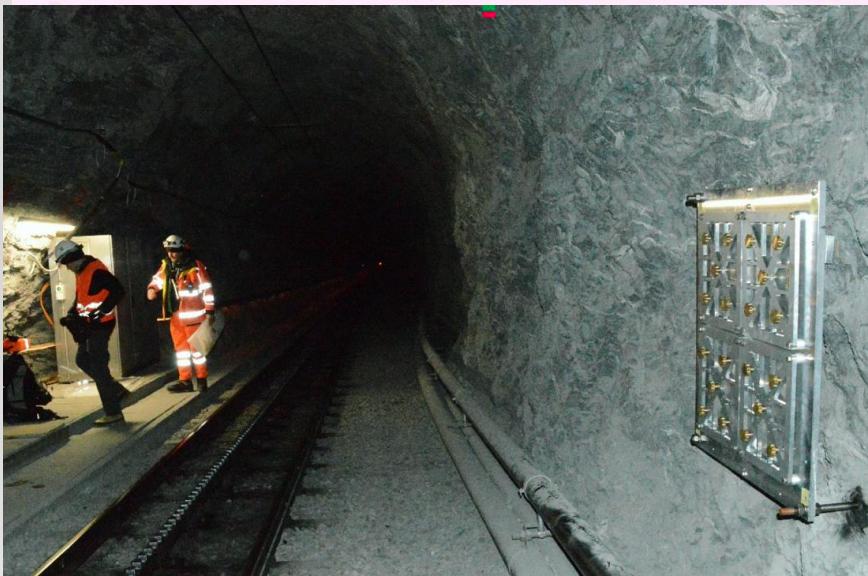
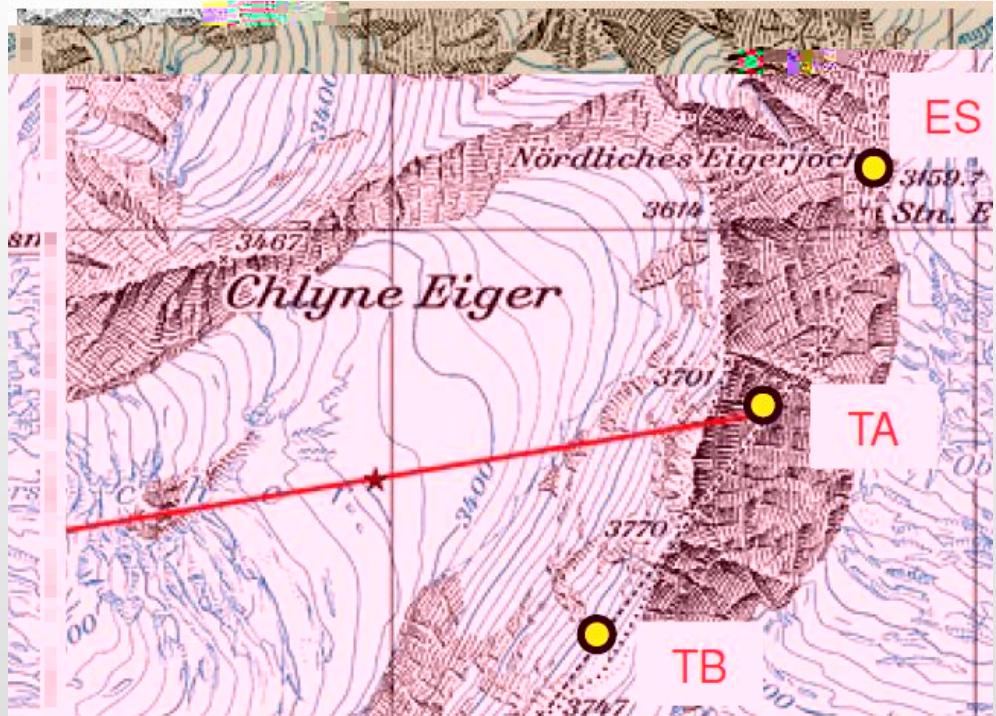
Density - rock sample: 2.76 ± 0.04 (g/cm^3 , 1σ)

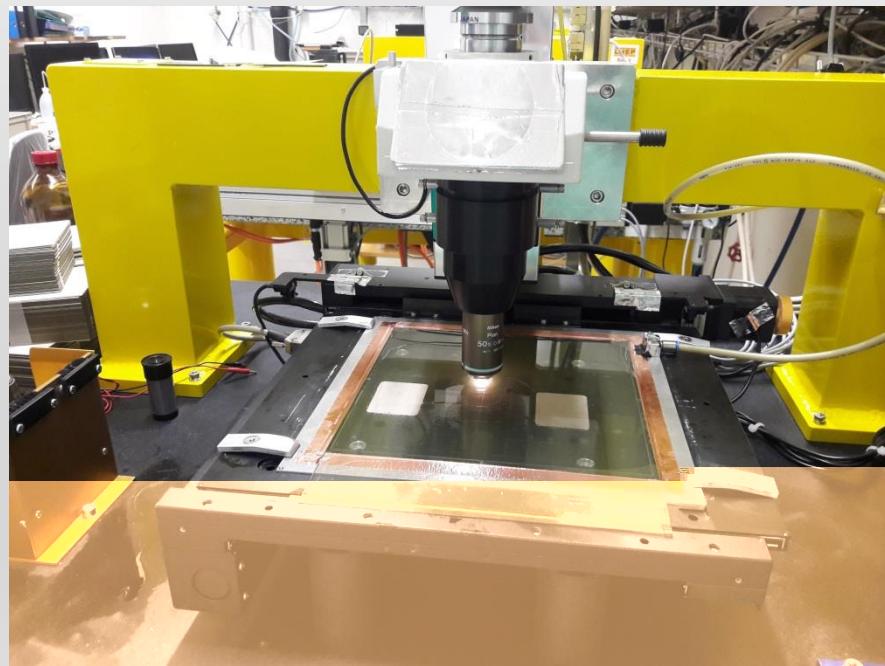
*First result applied
for glaciers*

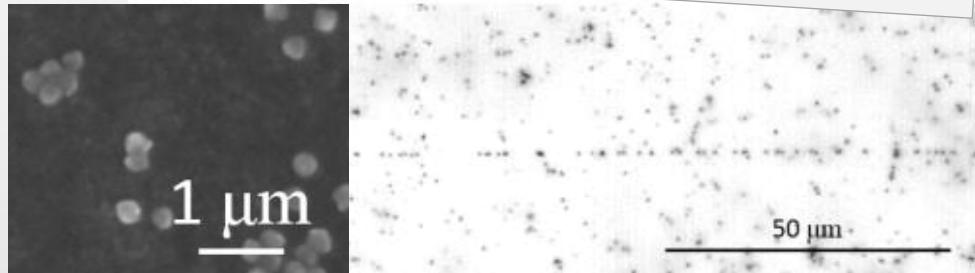
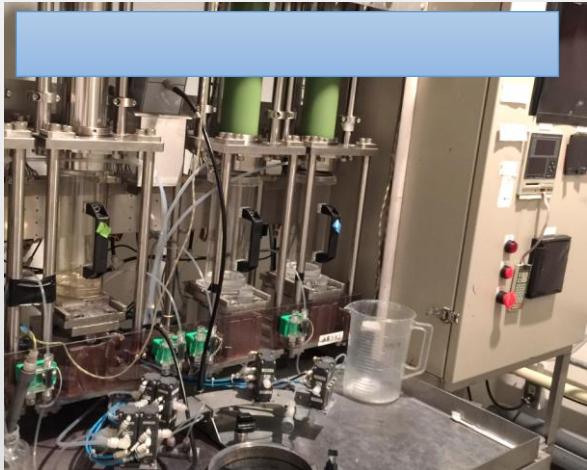
Highlighted by the journal











(a) OPERA film



(b) Sample-2

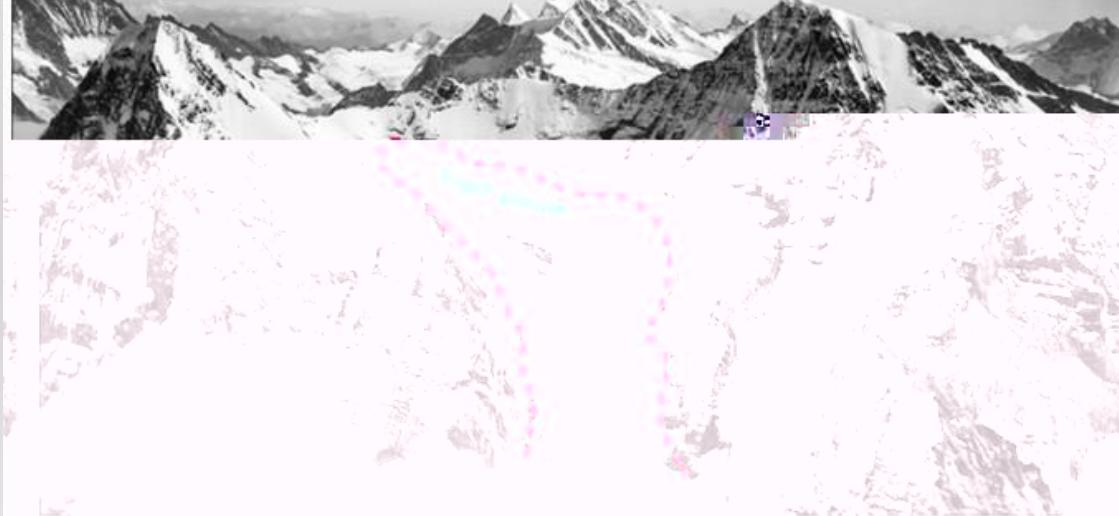


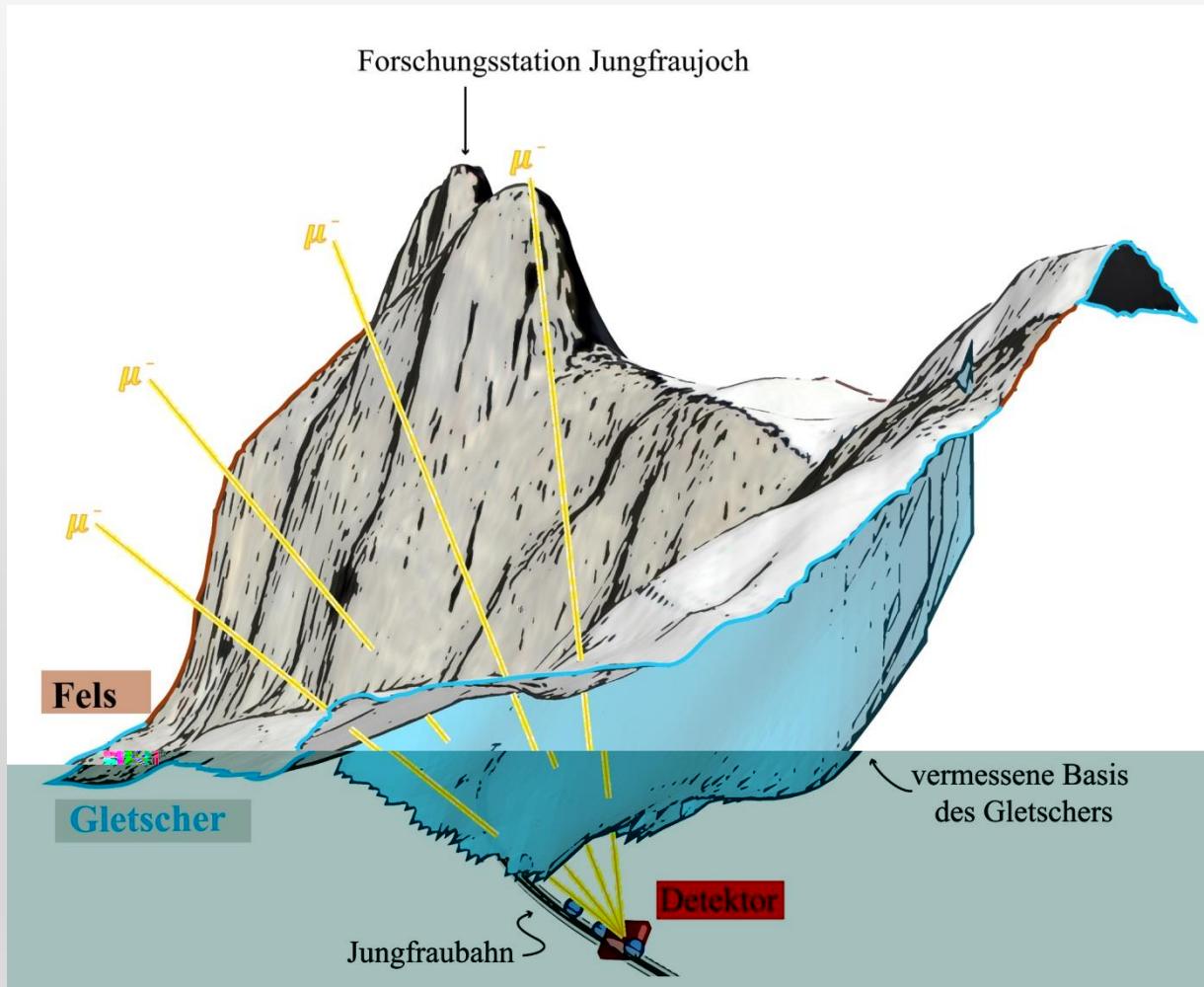
(c) Sample-3



Eiger

Moench





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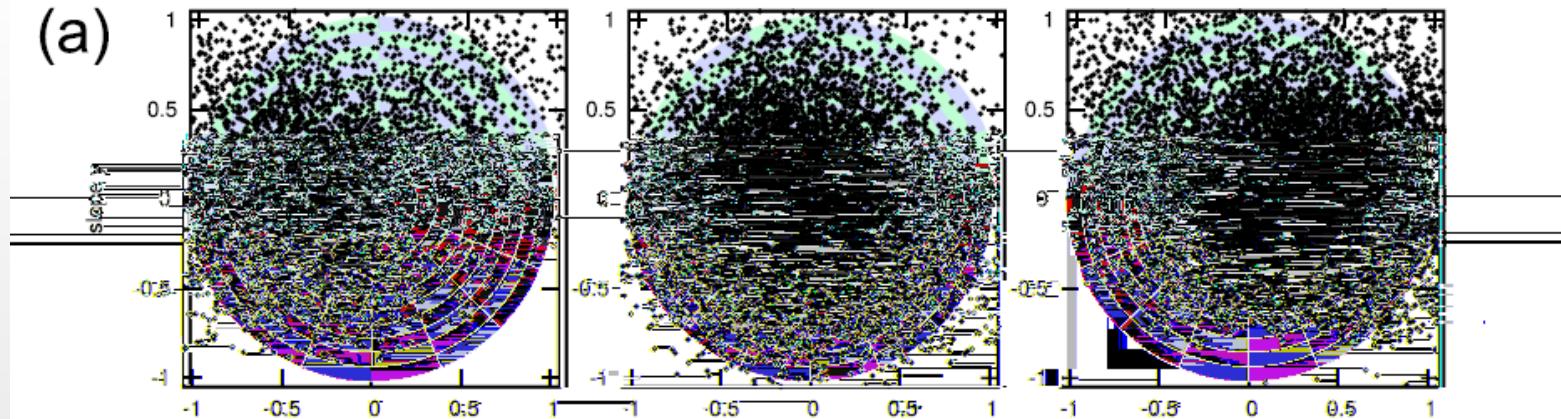
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D1

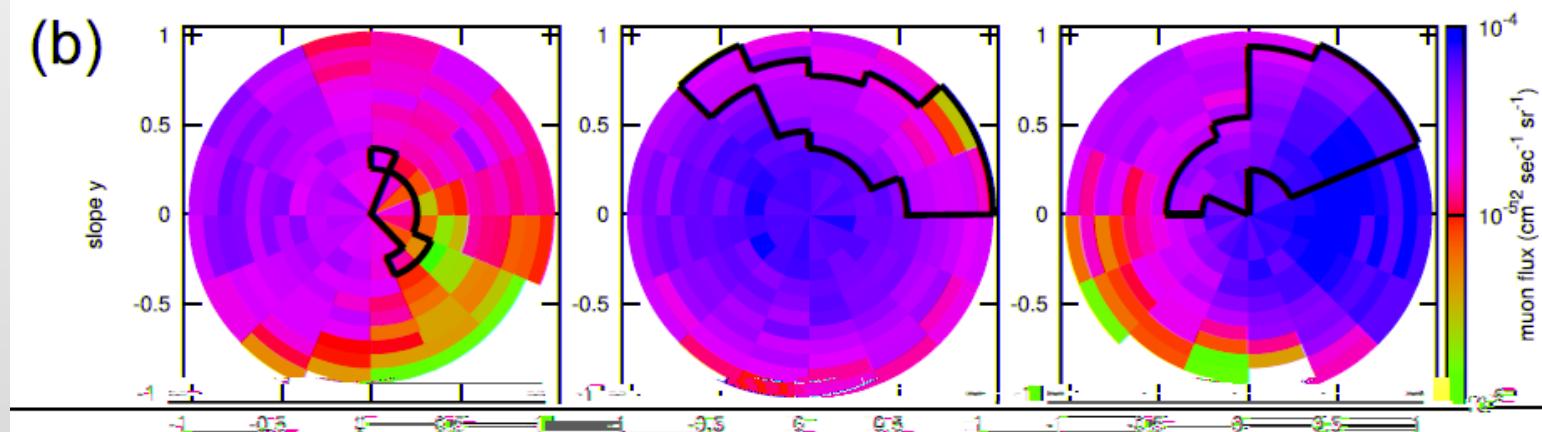
D2

D3

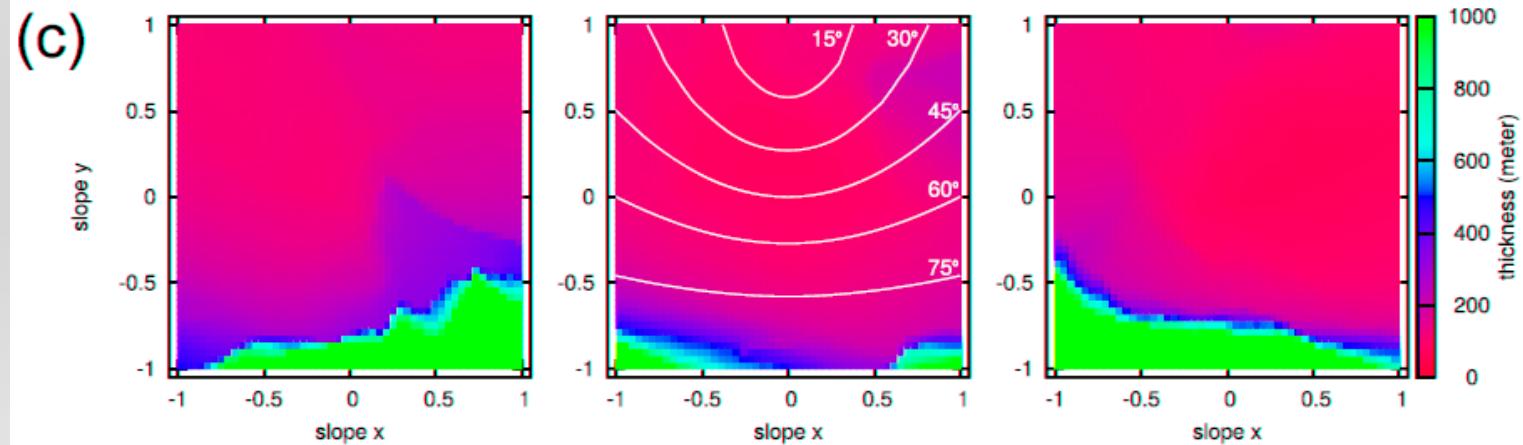
(a)

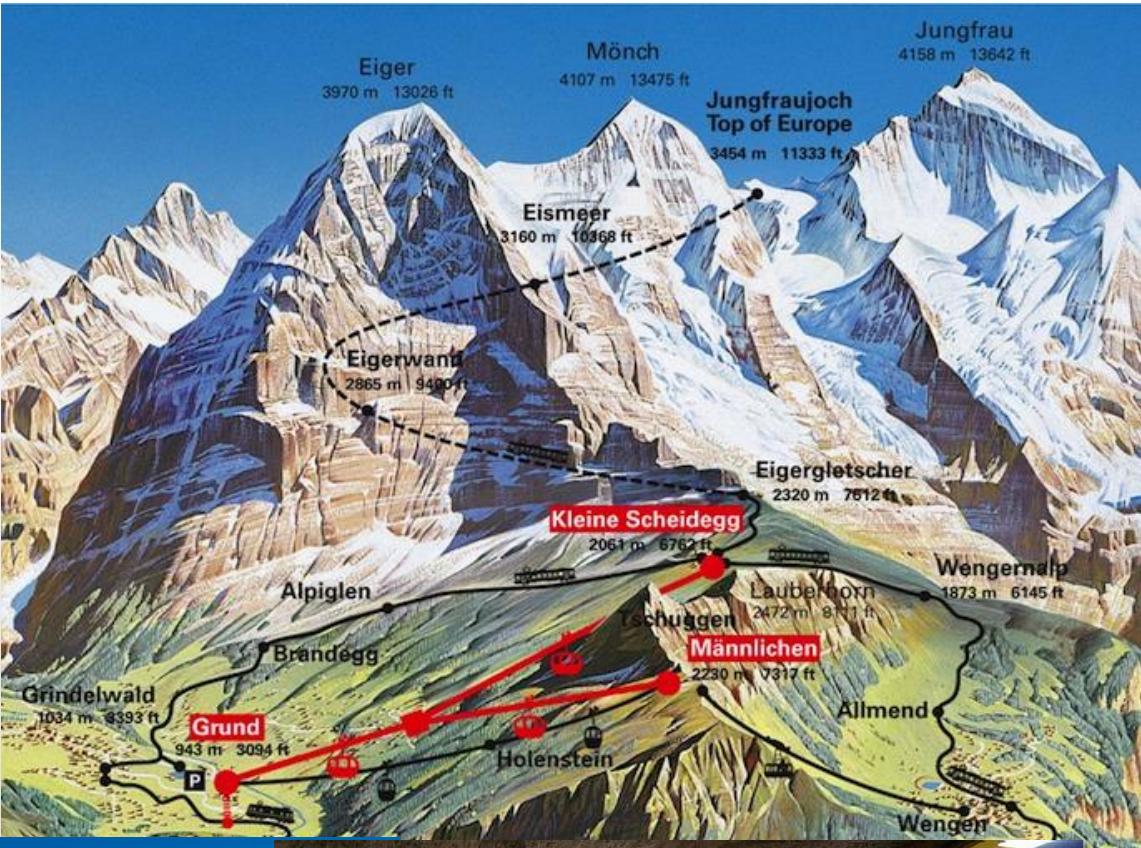


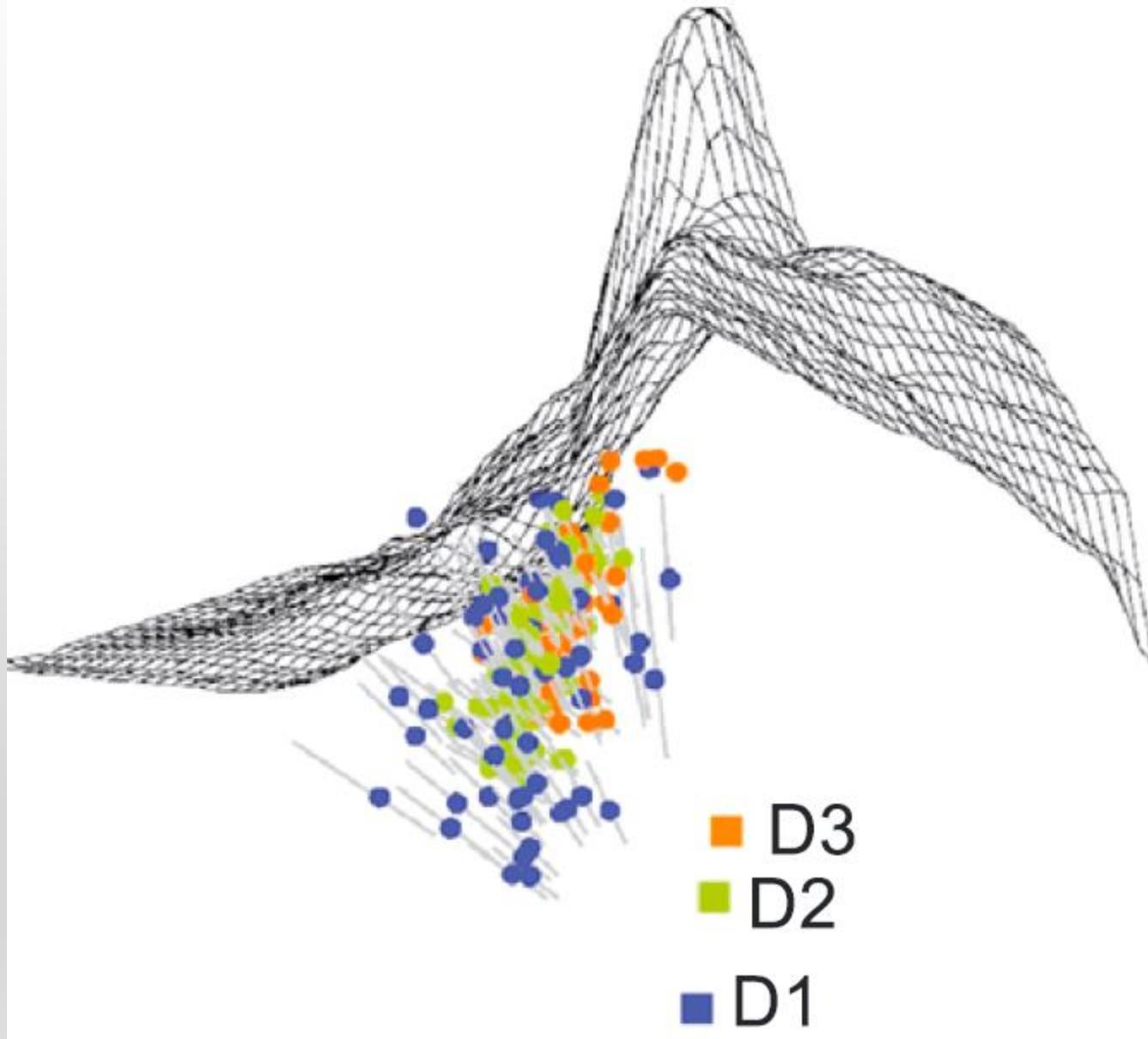
(b)

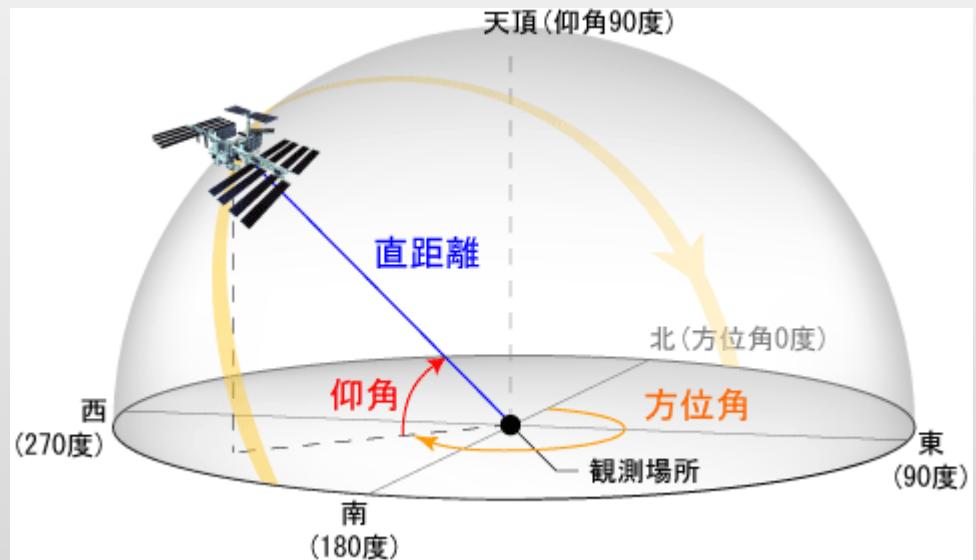
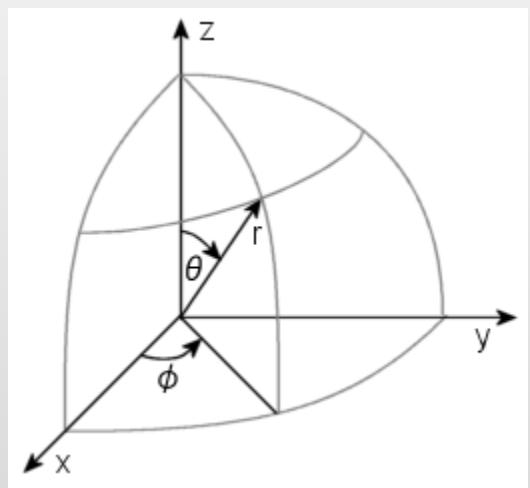


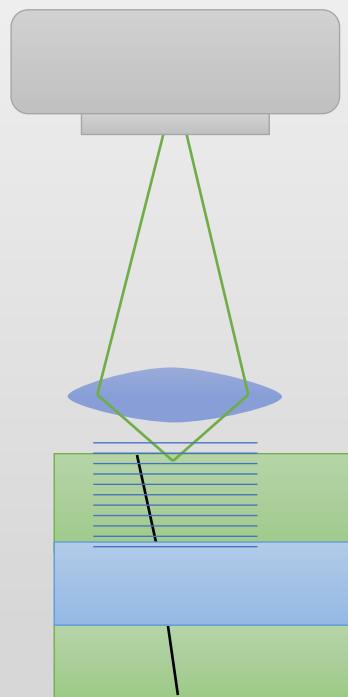
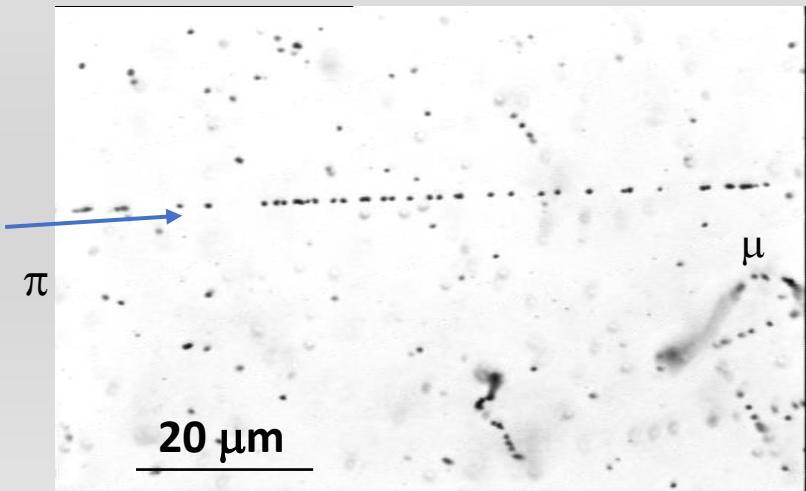
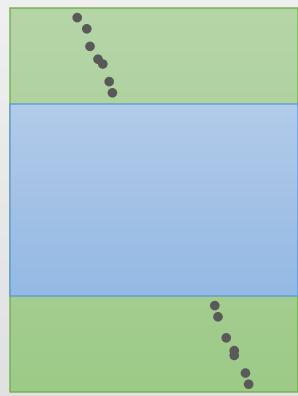
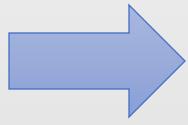
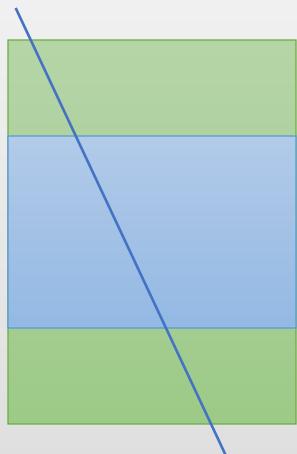
(c)











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CMOS camera

