MURAVES Task Force



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Altitude MURAVES

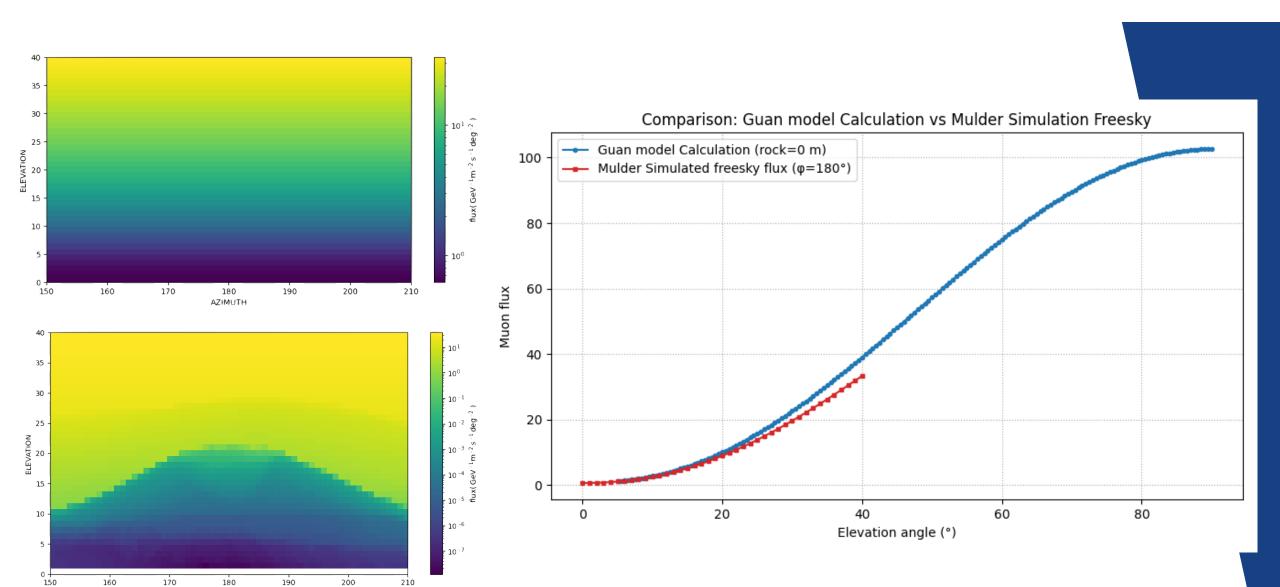


▼ From TURTLE software, and Digital Elevation Model (DEM) file provided by INGV: altitude of the MURAVES experiment: ~ 598m

Freesky flux Comparison

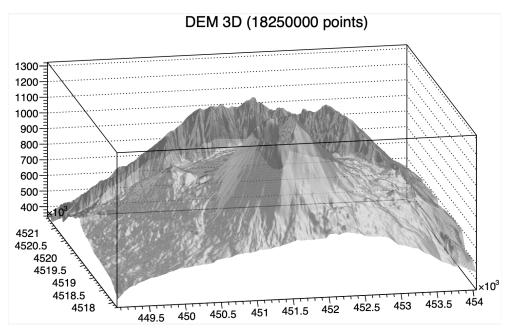
AZIMUTH

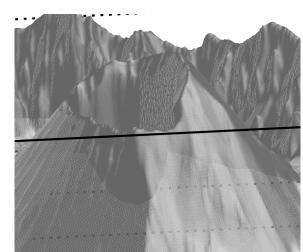




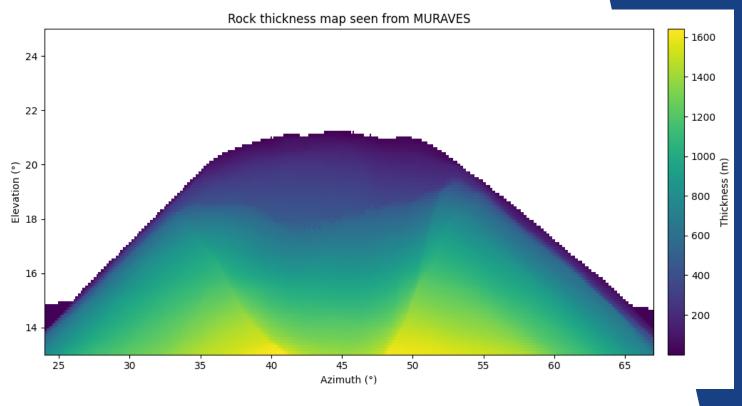
Vesuvius crater Rockthickness





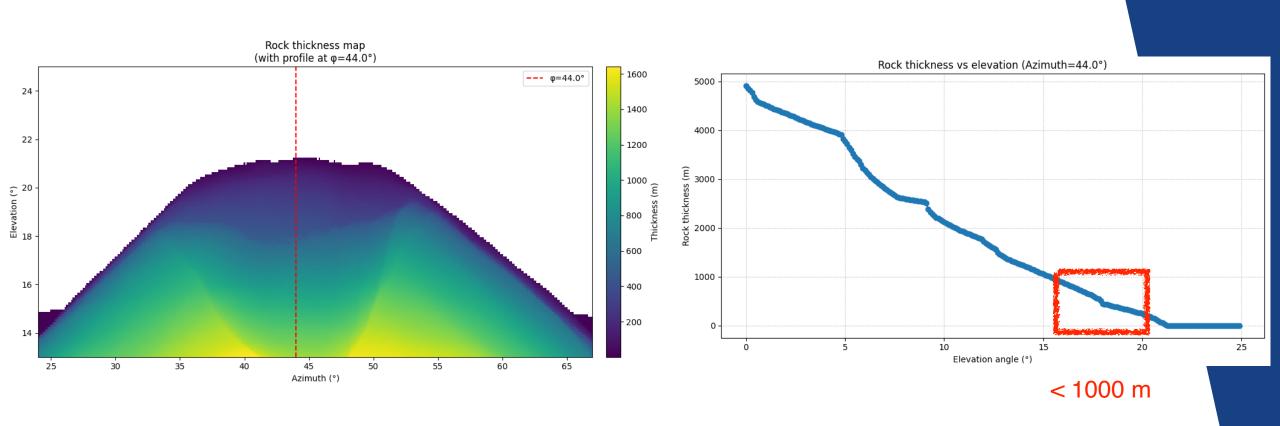


Obtained by TURTLE software



Vesuvius crater Rockthickness

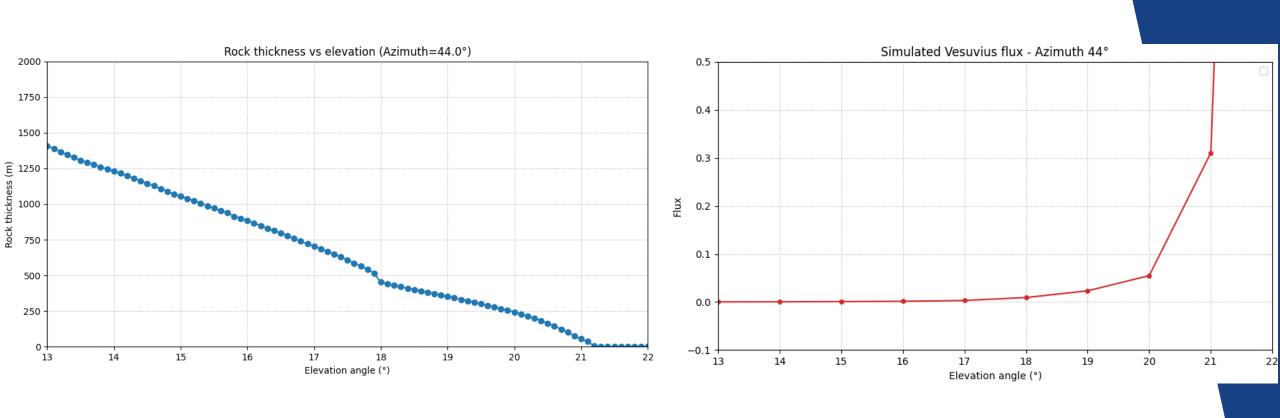




Rockthickness - Mulder simulated flux



same Azimuth angle, Elevation [13, 22]



Comparison Calculation: Mulder with Vesuvius Geometry



Elevation	Rockthickness Vesuvius	Gabor Calculation available rockthickness	Flux Calculation	Mulder Simulation
16	885.280449	878.292	0.00163301	0.00143305
17	703.497039	706.378	0.00346822	0.00309751
18	452.346090	456.913	0.0130523	0.00924188
19	351.672722	353.208	0.0257686	0.02322340
20	244.052502	242.453	0.0642576	0.05482375
21	55.124267	54.9054	1.07159	0.31042371
22	0.000000	0	12.1517	3.65995599
23	0.000000	0	13.2874	4.24234131
24	0.000000	0	14.4738	4.93903422
25	0.000000	0	15.7094	5.87098177



