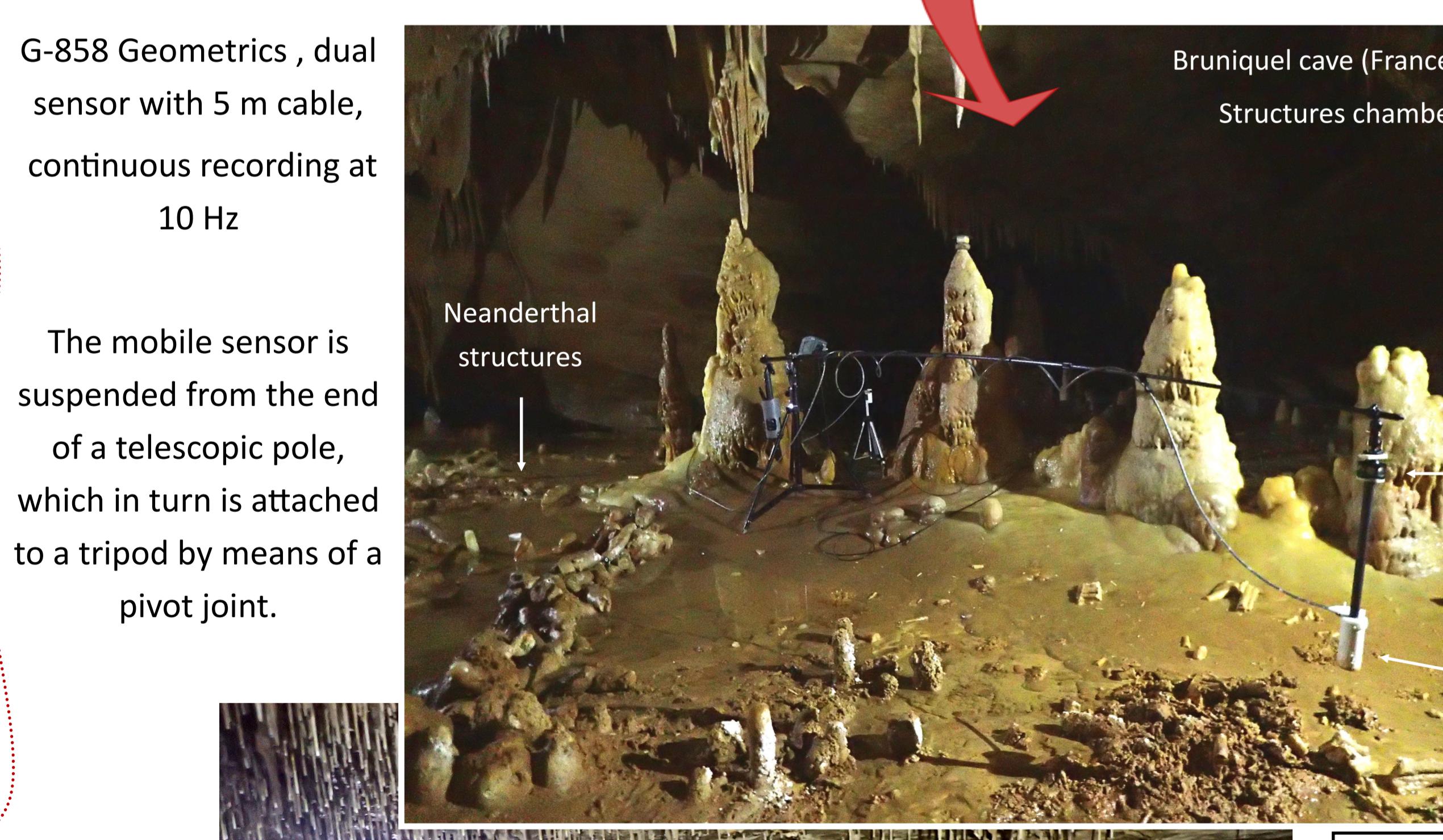
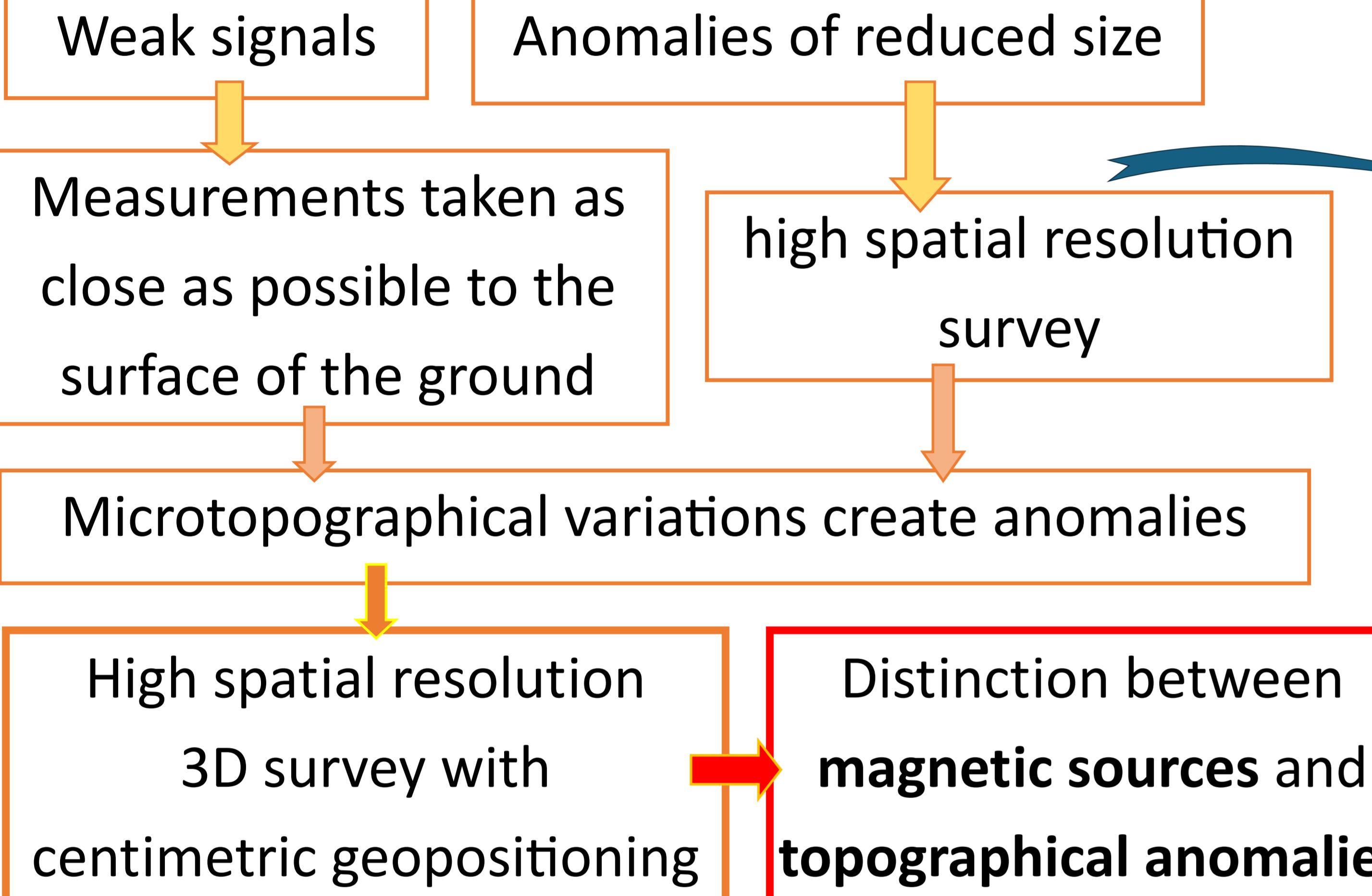


Advantages and limitations of 3D acquisition of magnetic field intensity measurements



Why 3D acquisitions?

The case of prehistoric cave surveys

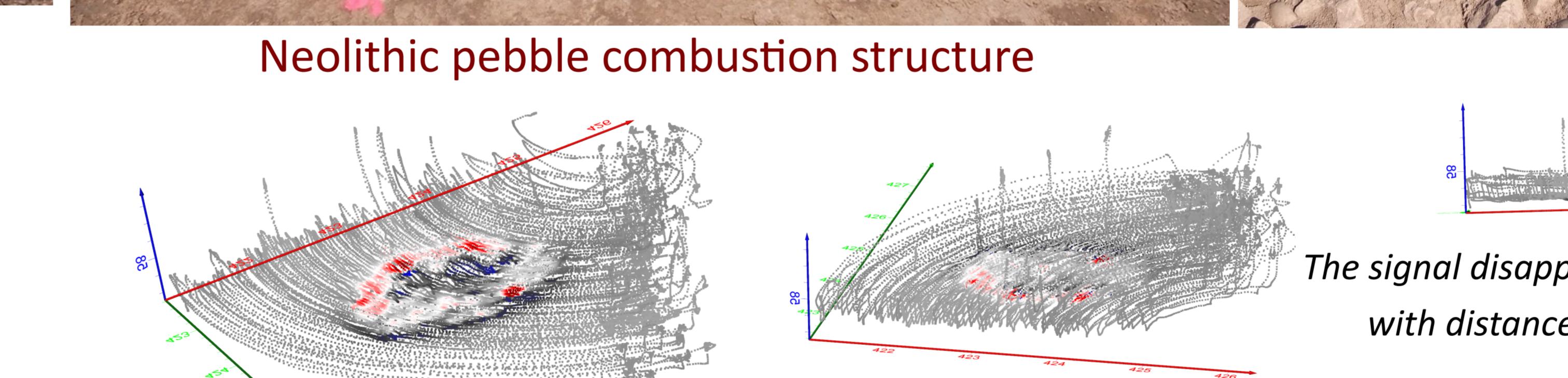
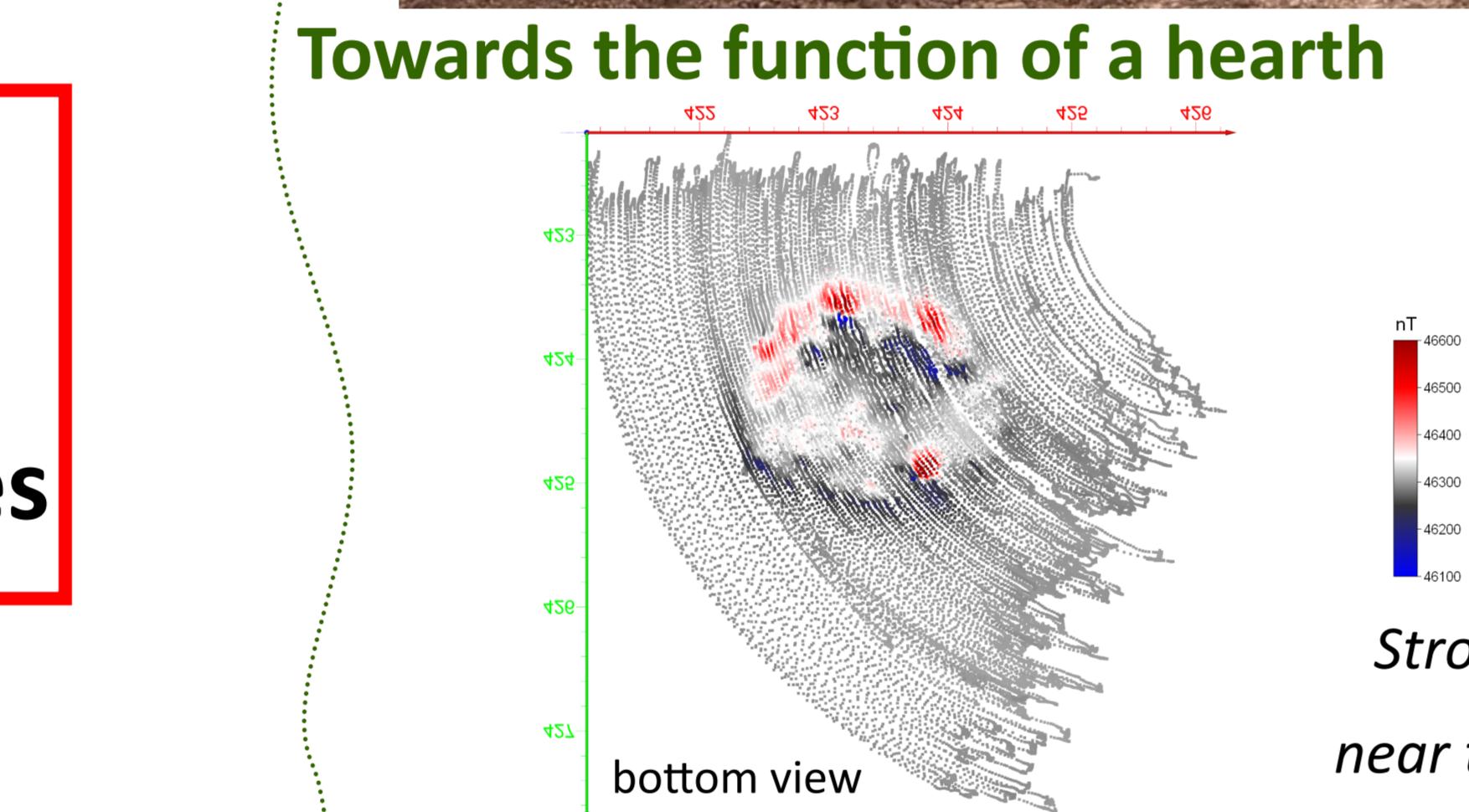
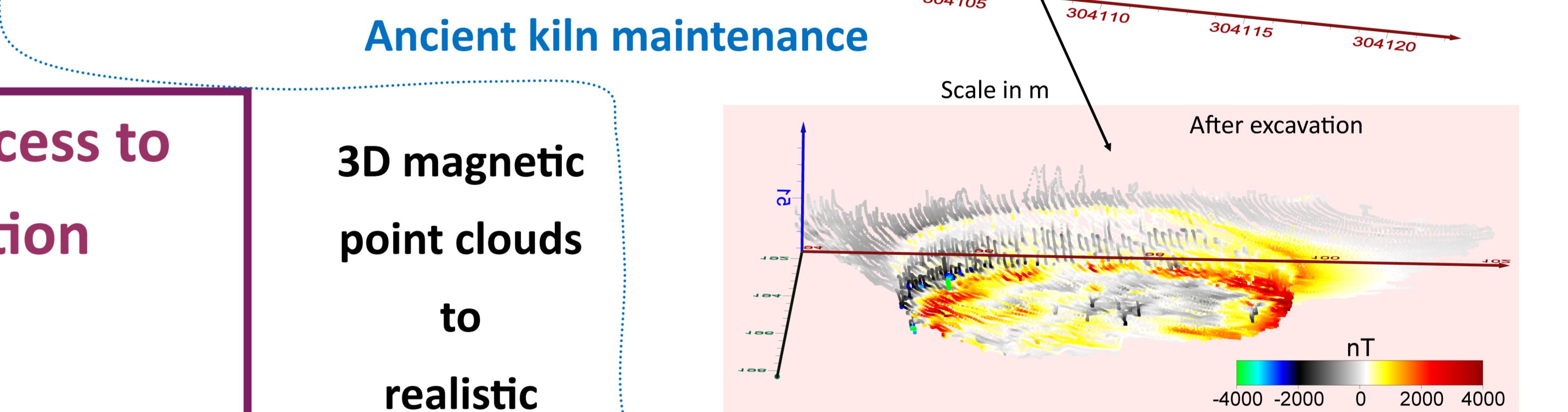
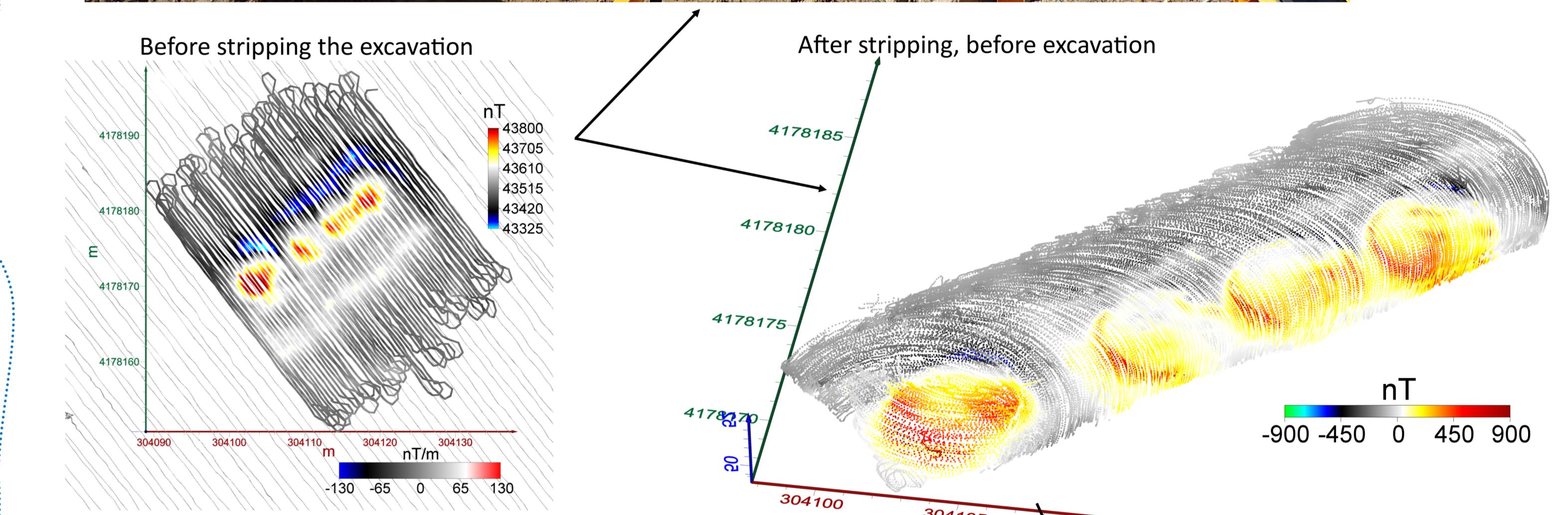


move outwards

From a few square metres ...

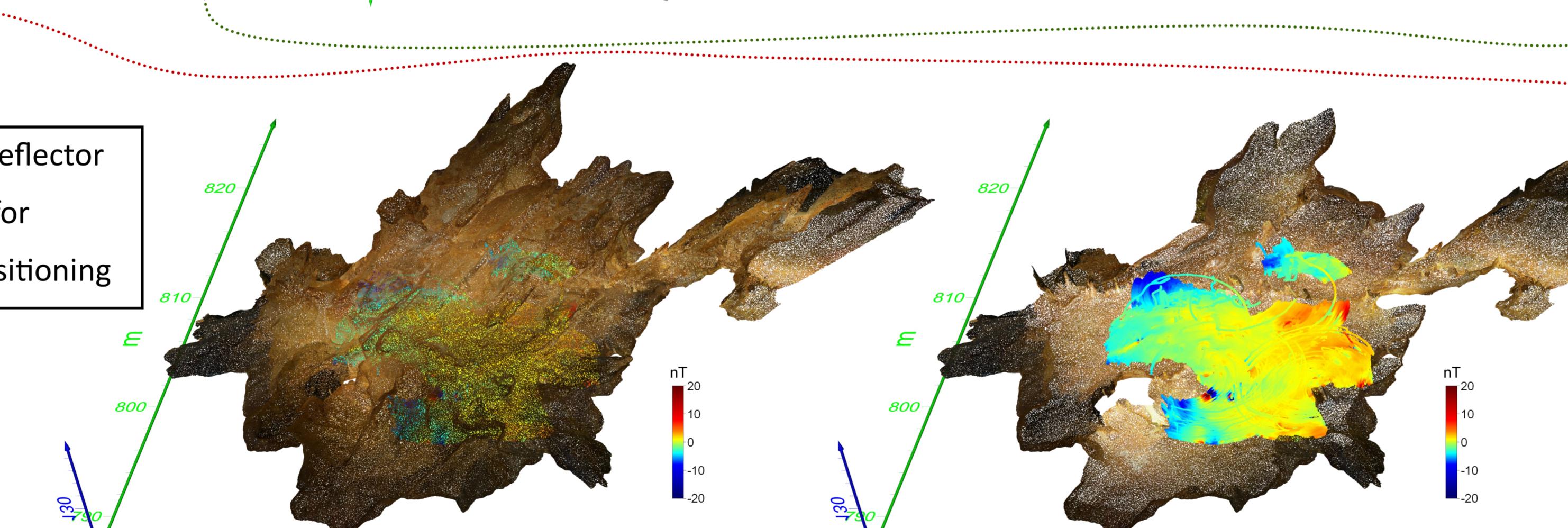


... up to a few hundred square metres

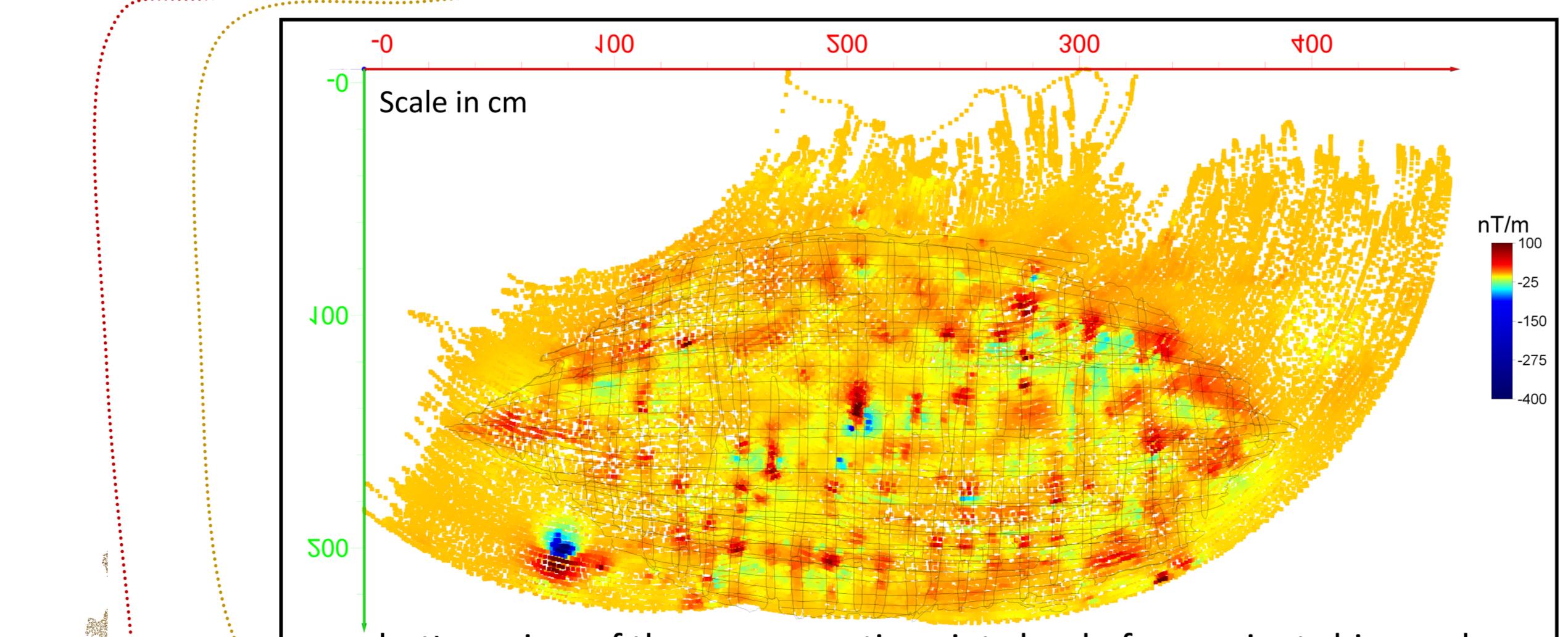
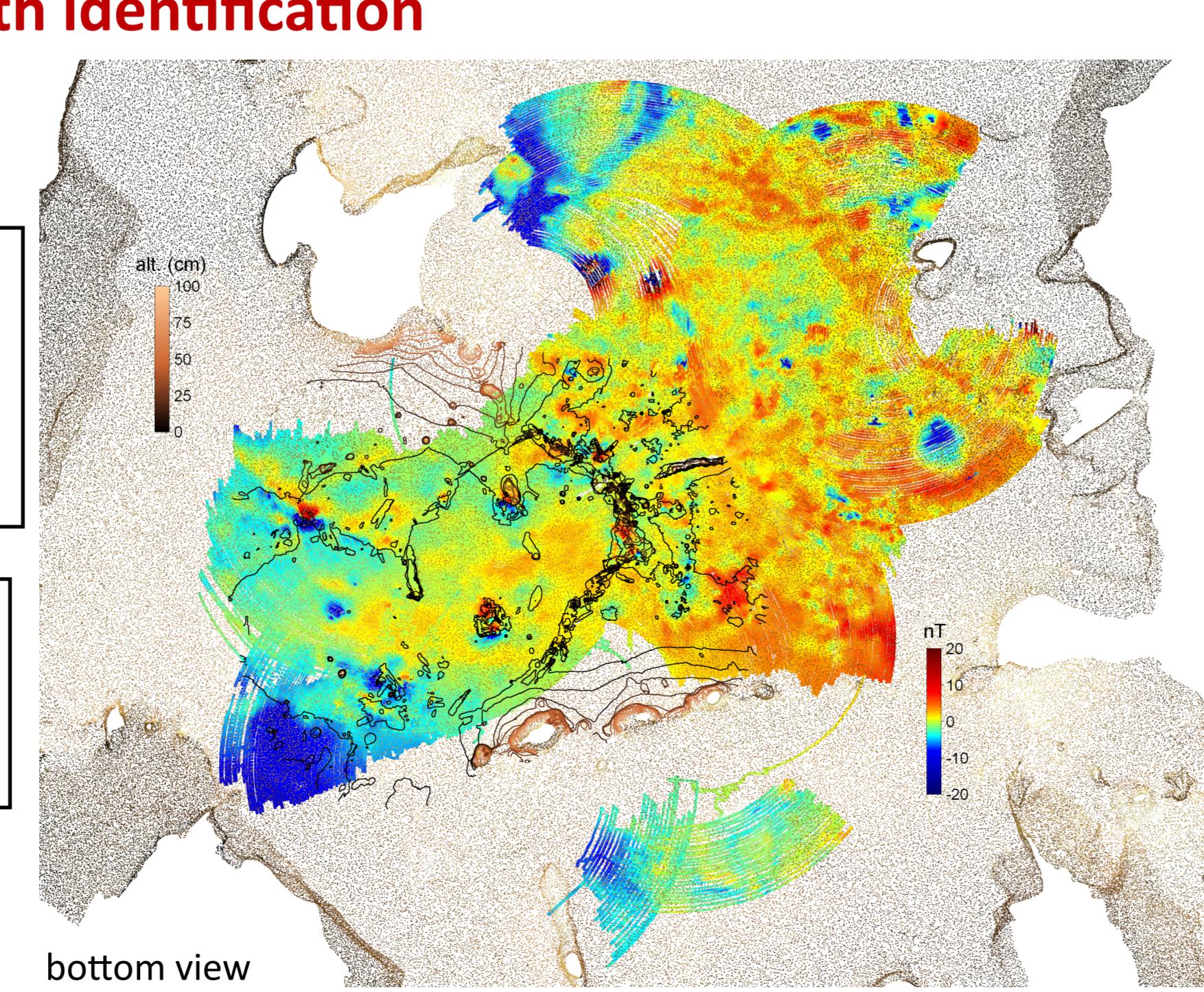


3D high spatial resolution provides access to complex, low-dimensional information

Limits to resolution = sensor size and geopositioning accuracy

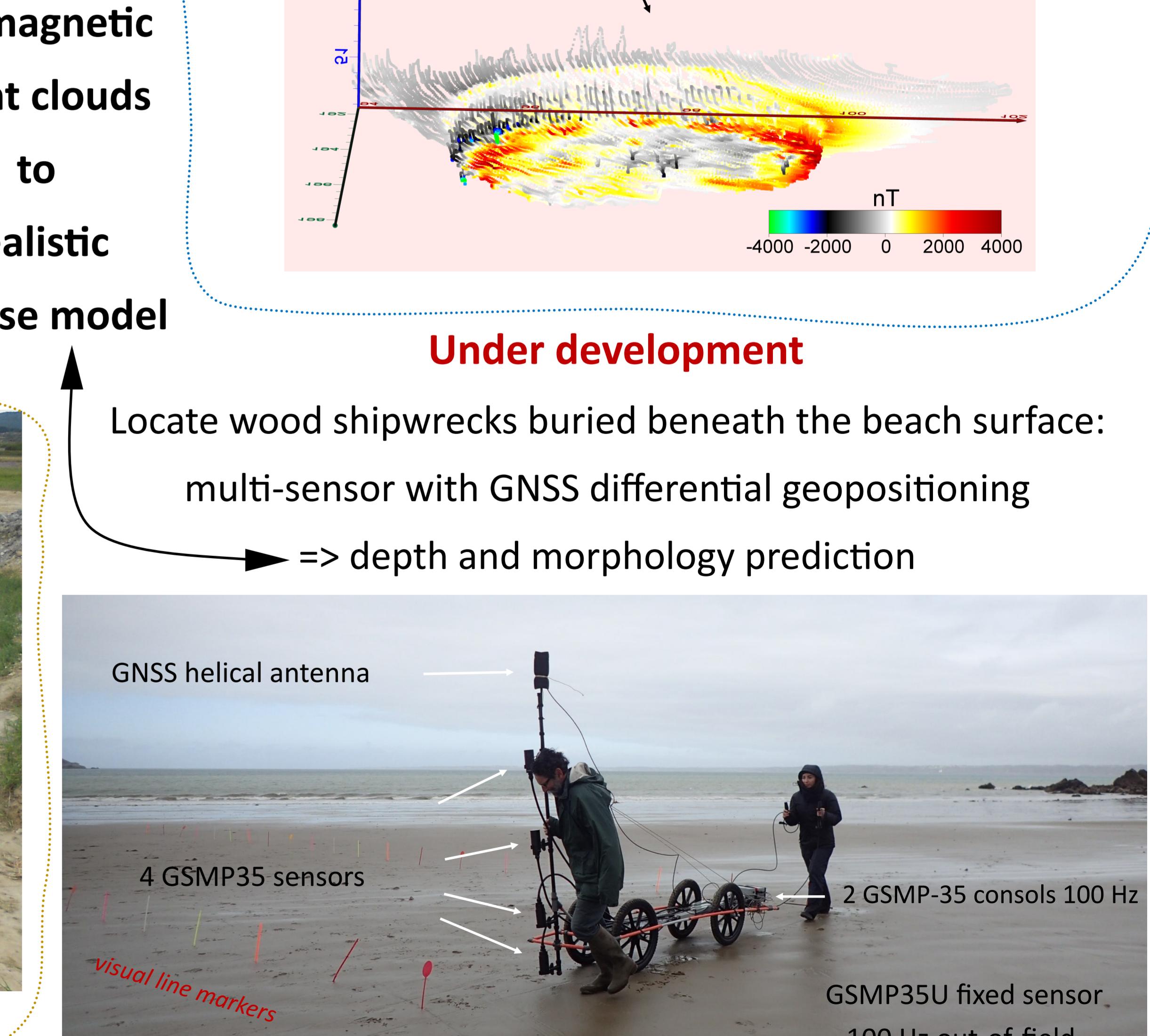


Magnetic shipwreck wood



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⚠ GSMP-35 @ 100 Hz: time-stamp distortion