

Appendix-3

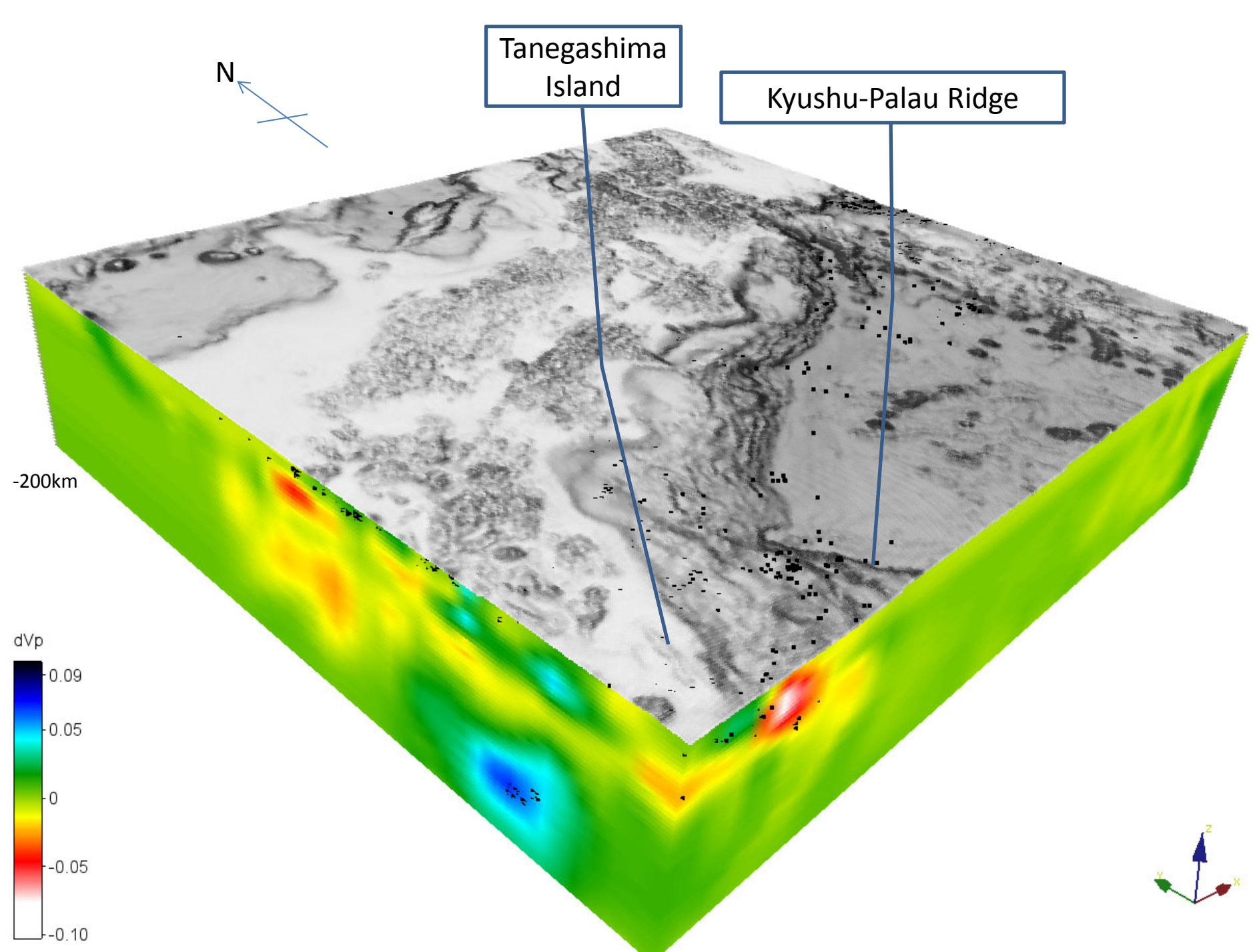
- The dVp was calculated from the Vp data of Matsubara and Obara (2011)
- The shaded relief image was calculated from the sea-land combined 490-m DEM

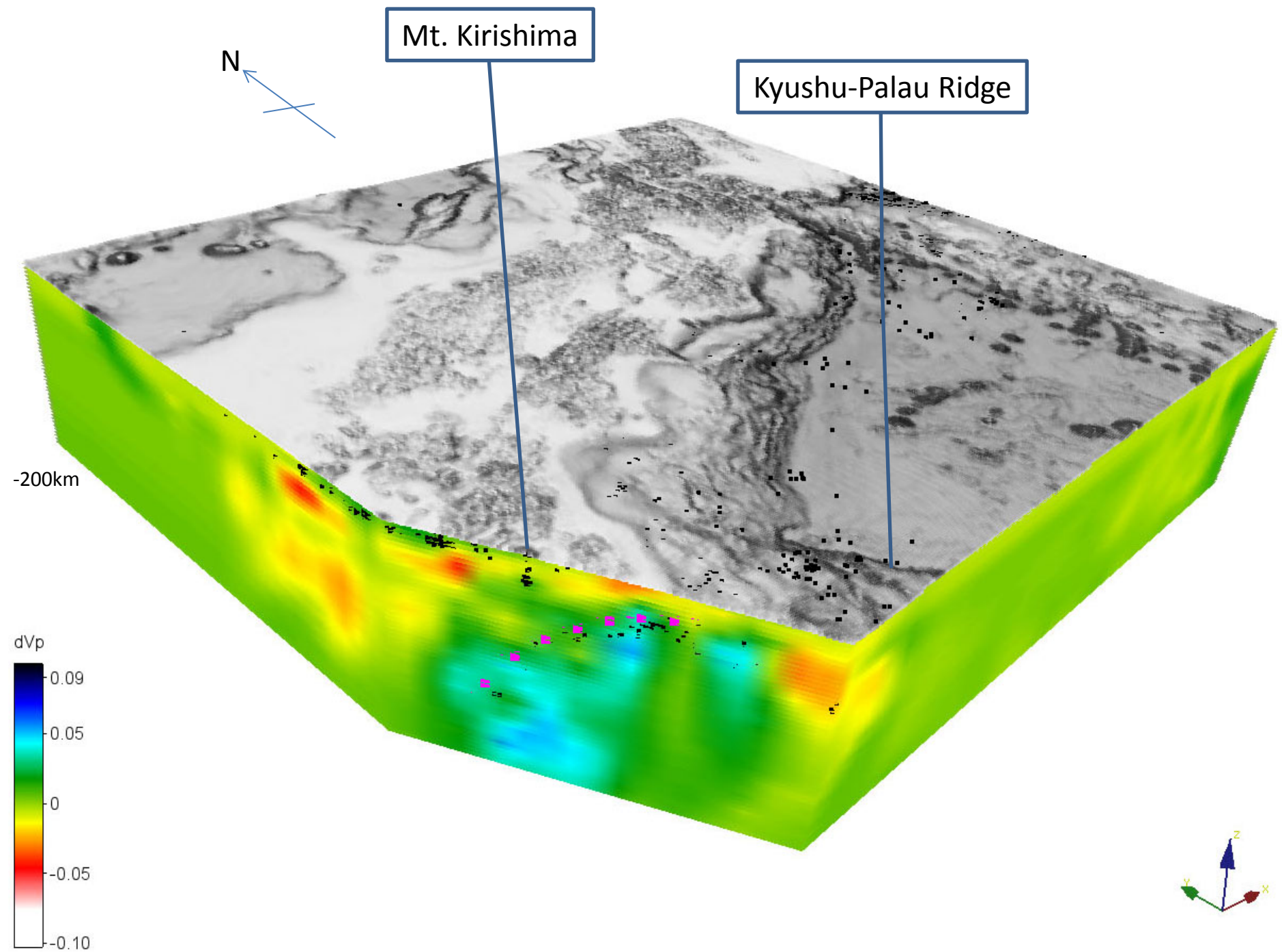
Legend

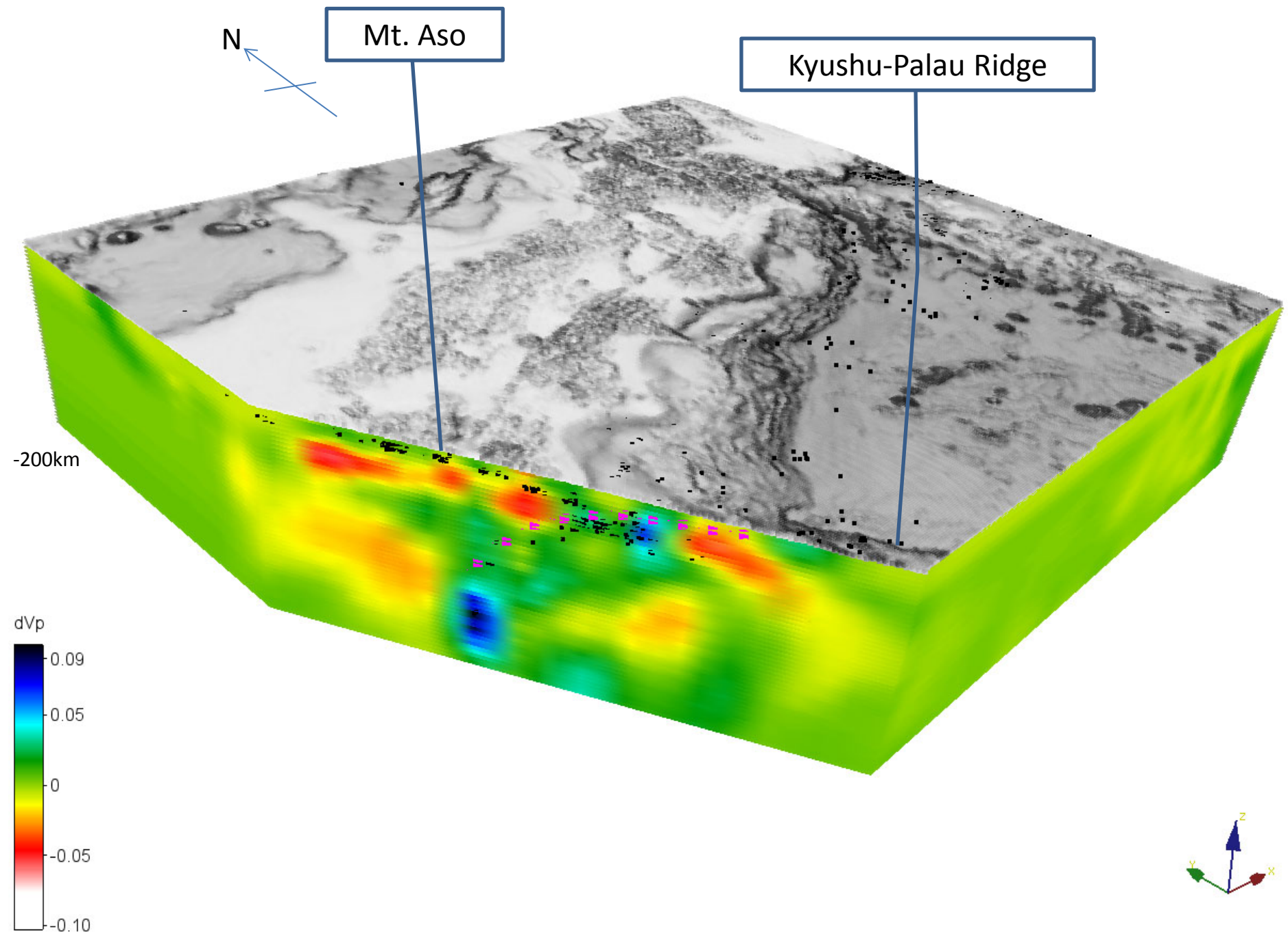
- ■ ■ Plate boundary of the Philippine Plate
(Baba et al., 2002; Nakajima and Hasegawa, 2007; Hirose et al., 2008)
- Epicenter of 2011 (JMT)

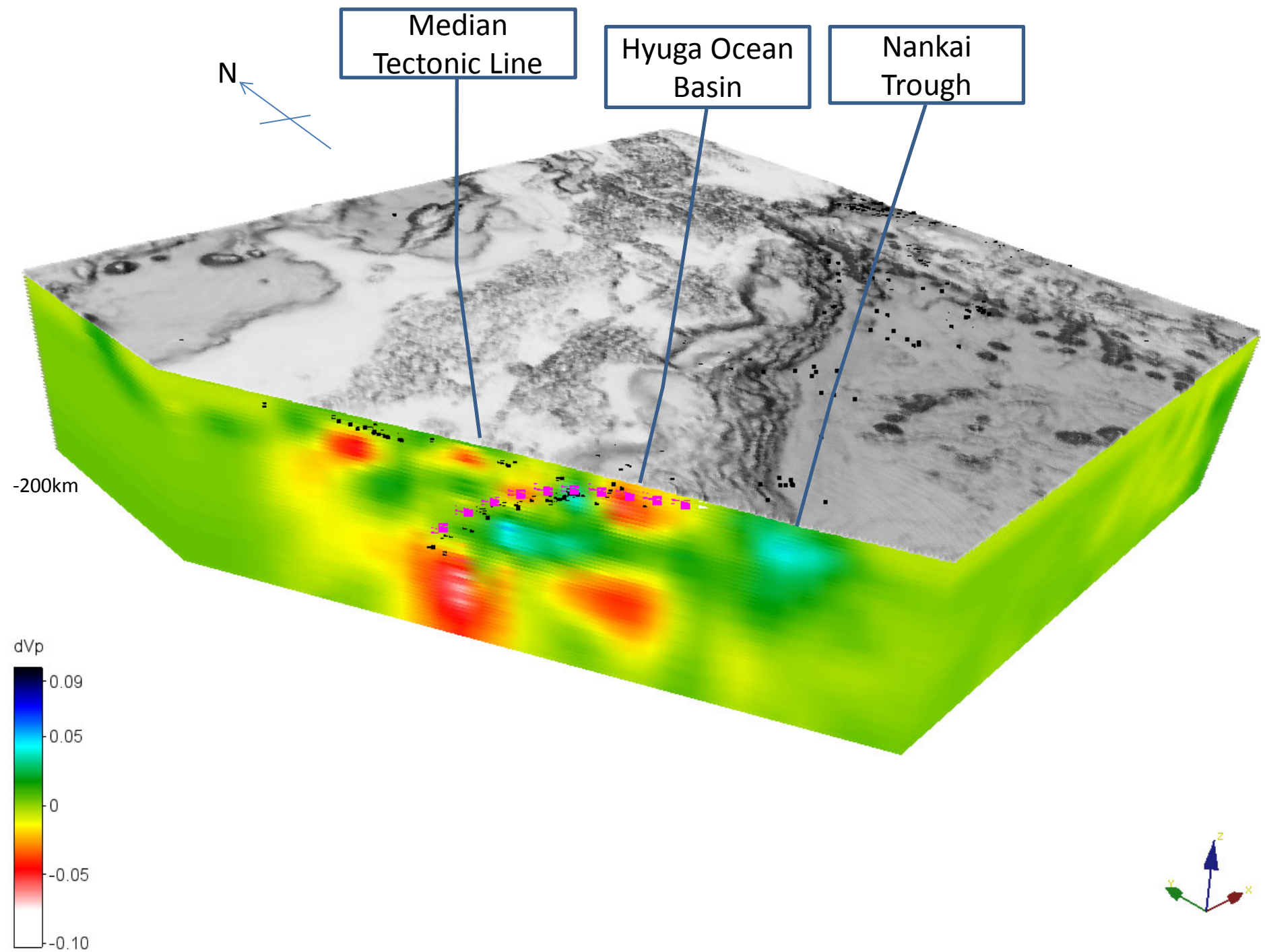
Junko IWAHASHI, Yuki MATSUSHI and Hiroshi FUKUOKA (2015)

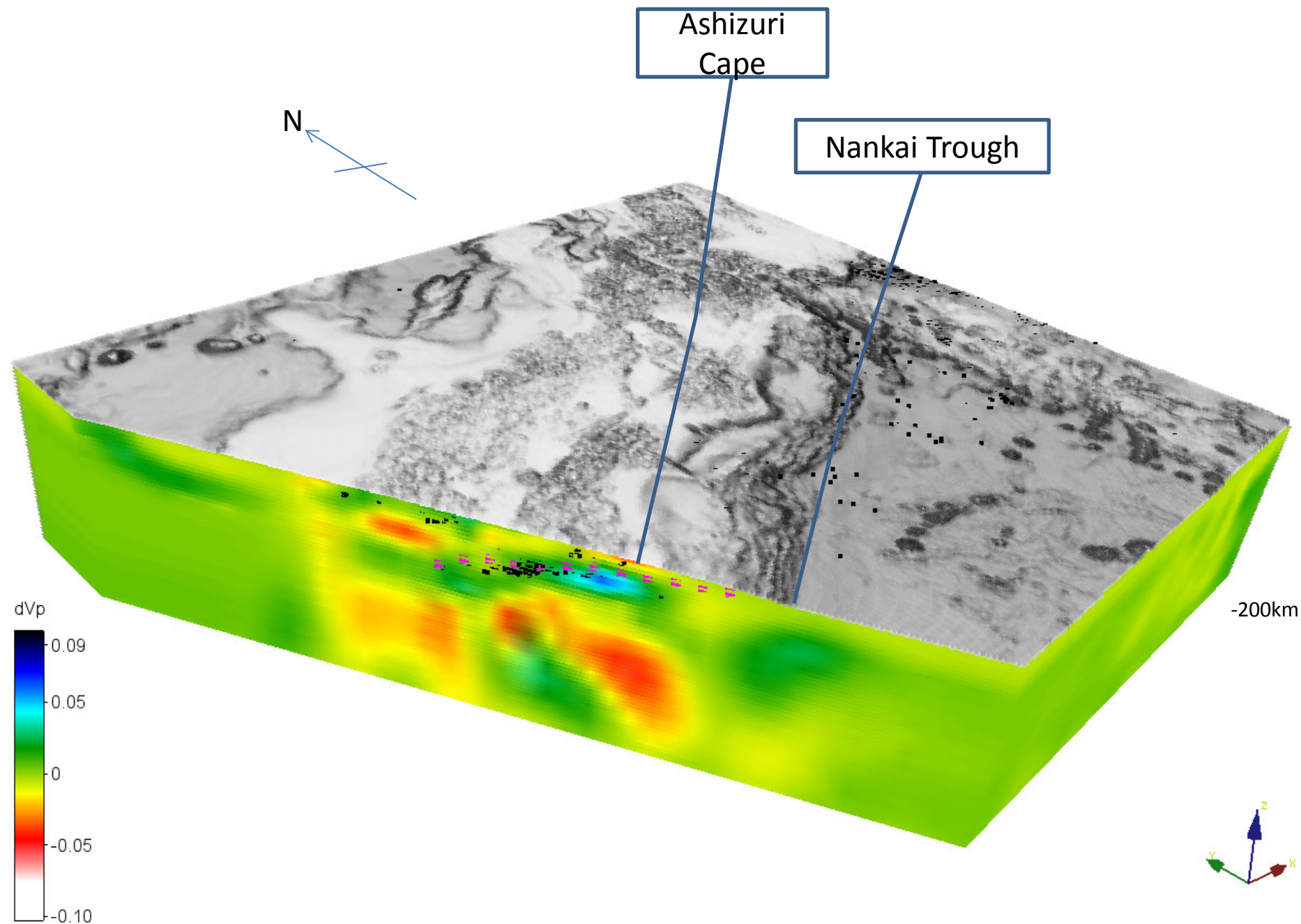
Digital terrain analysis of sea-land combined data on the Outer Zone of Southwest Japan including the Nankai Trough. Annuals of the Disaster Prevention Research Institute, Kyoto University.







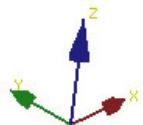
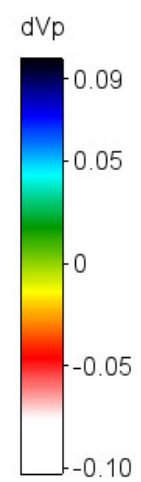


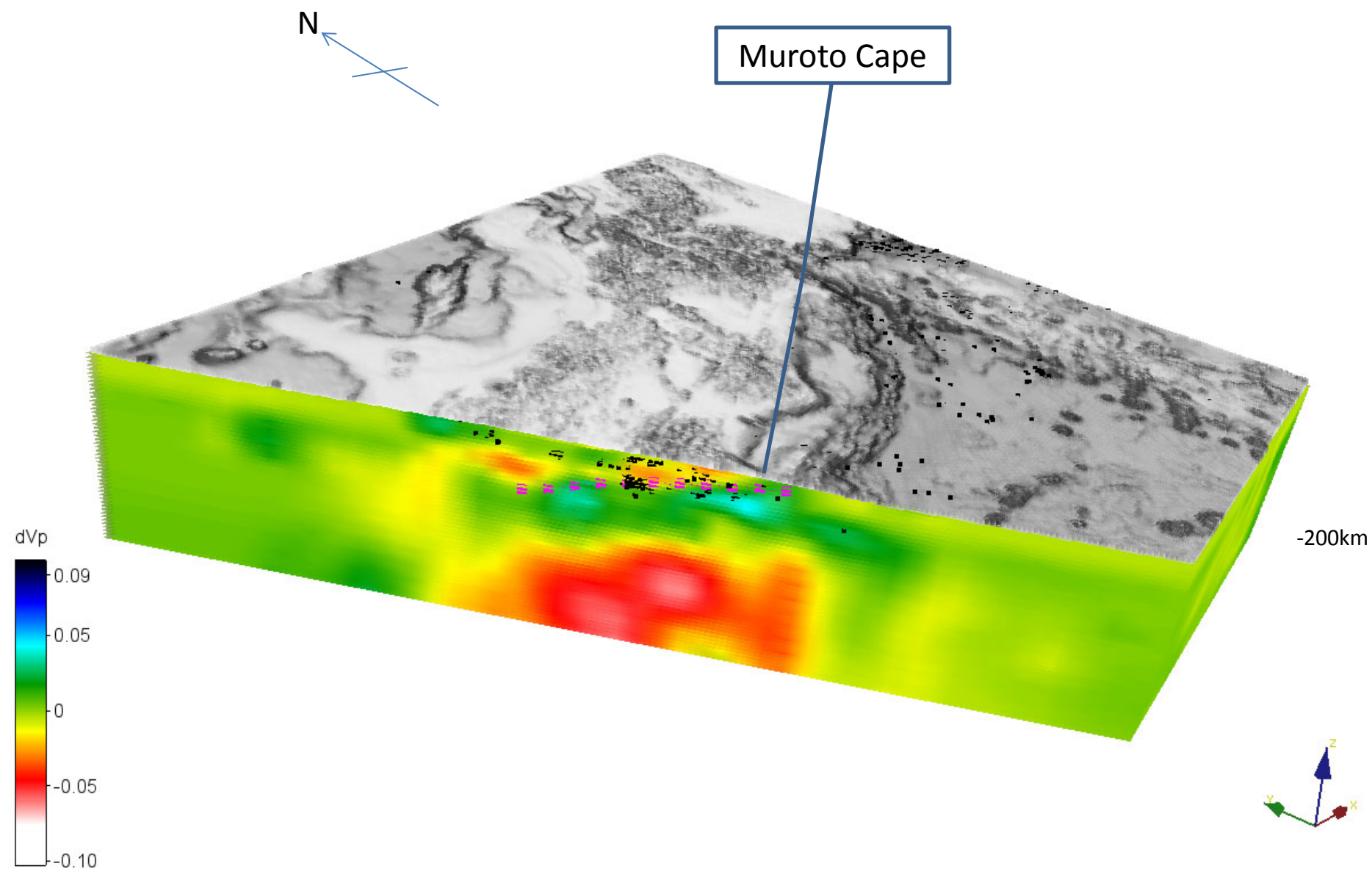


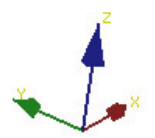
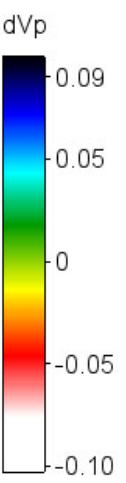
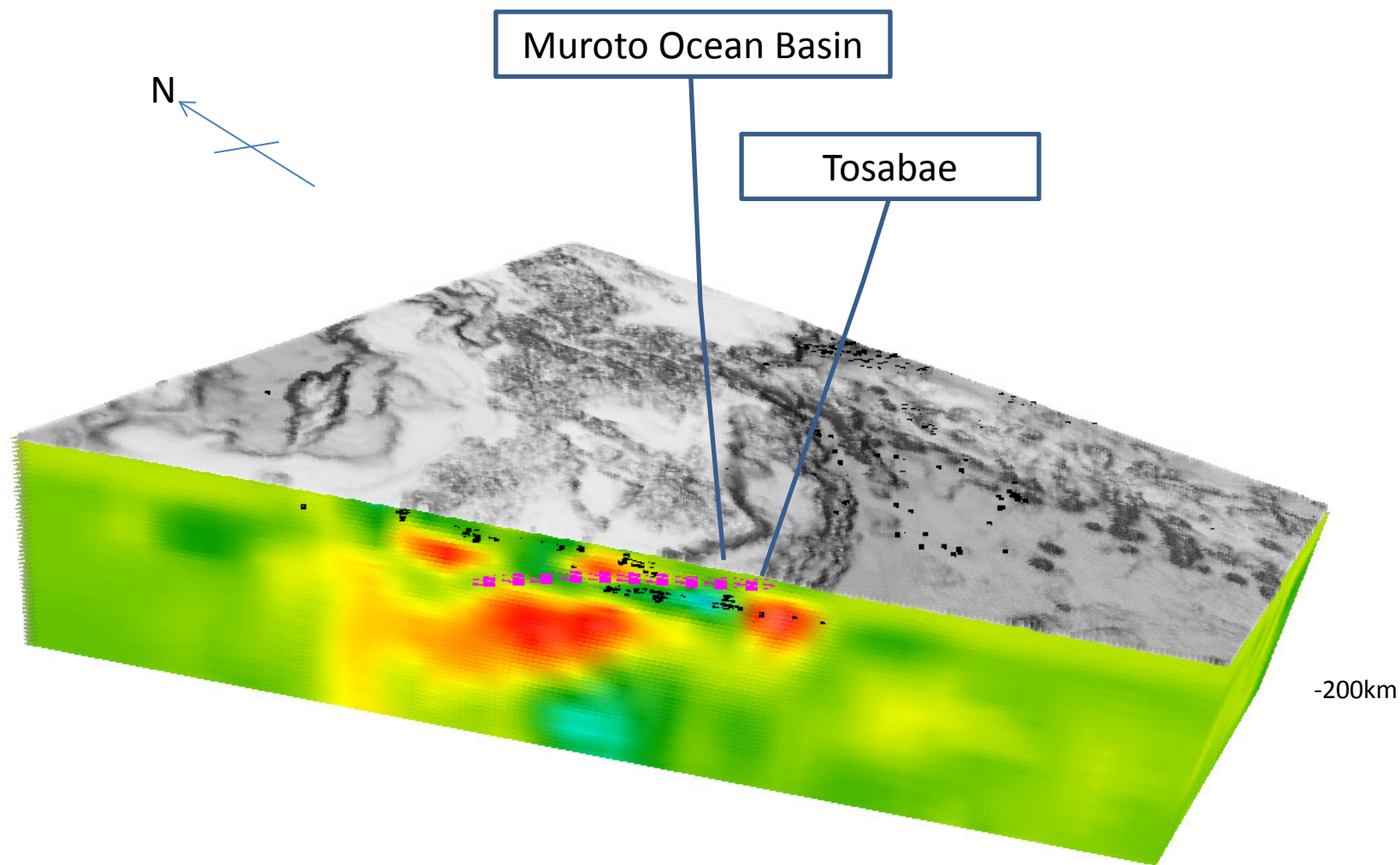
Tosa Ocean Basin

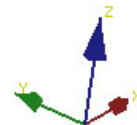
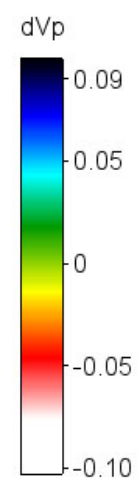
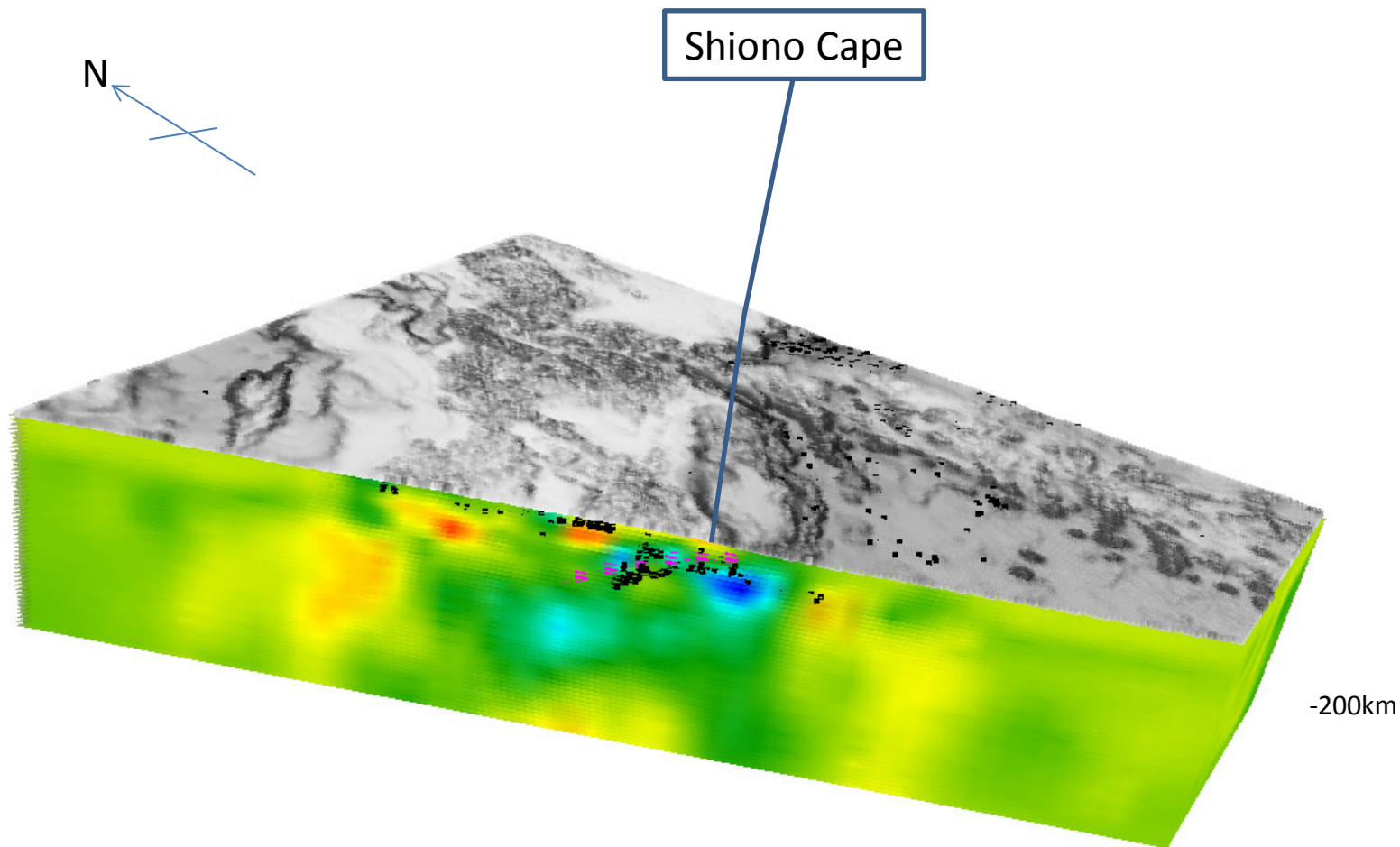
N

-200km





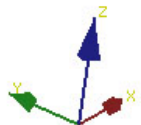
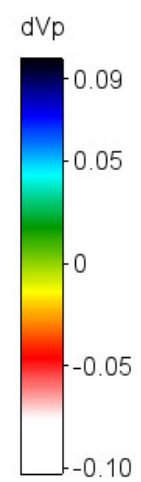




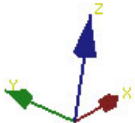
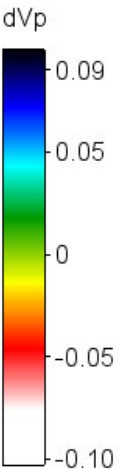
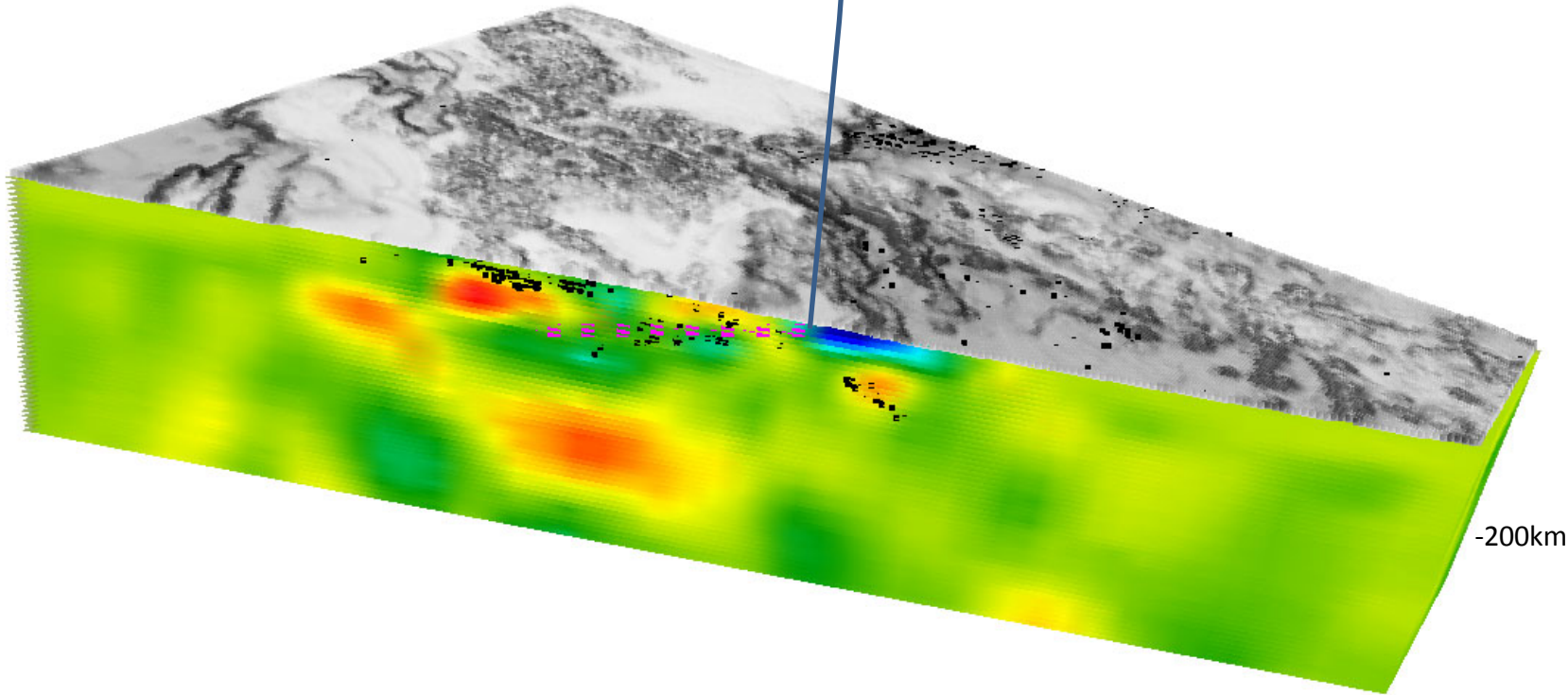
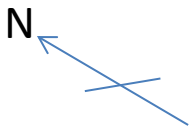
Kumano Ocean Basin

N

-200km

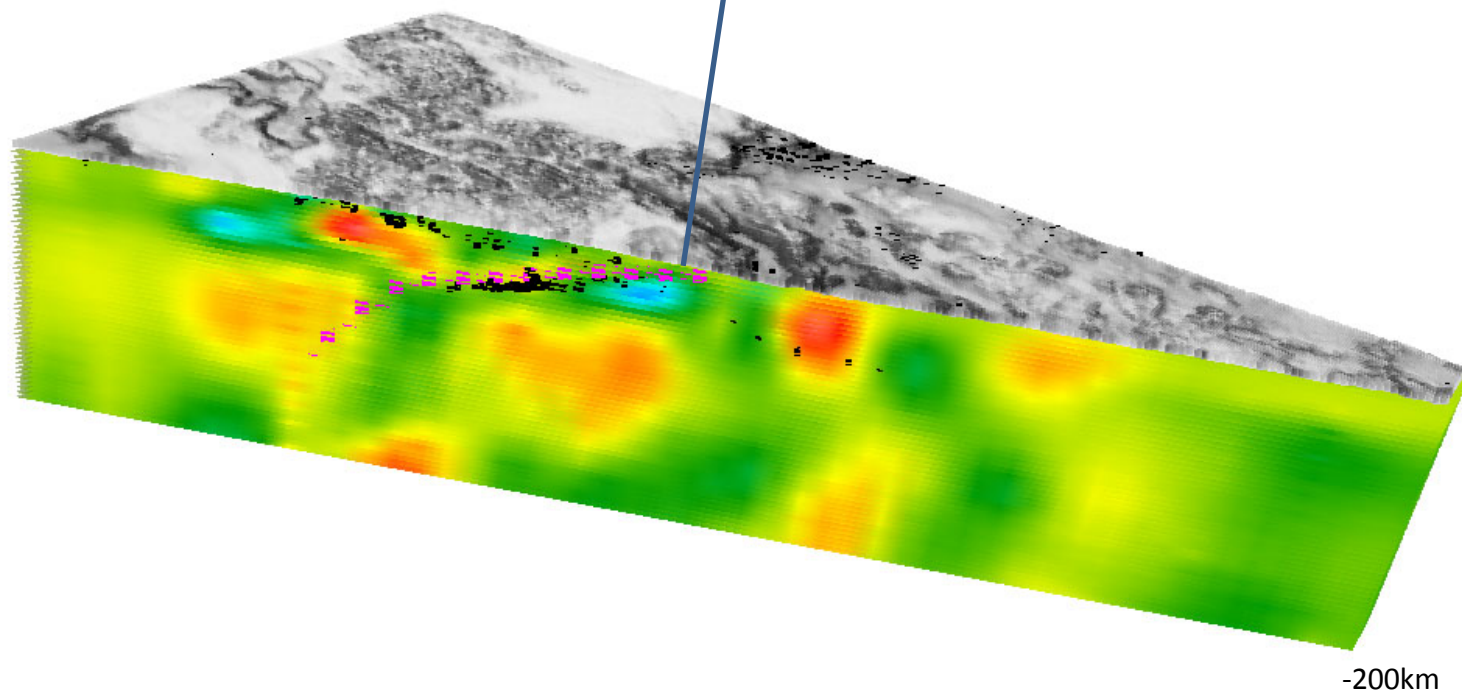


Kumano Ocean Basin

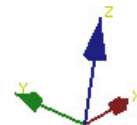
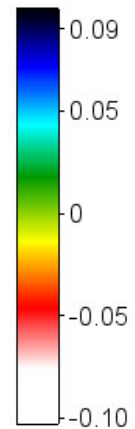


Off the coast of
Enshu

N

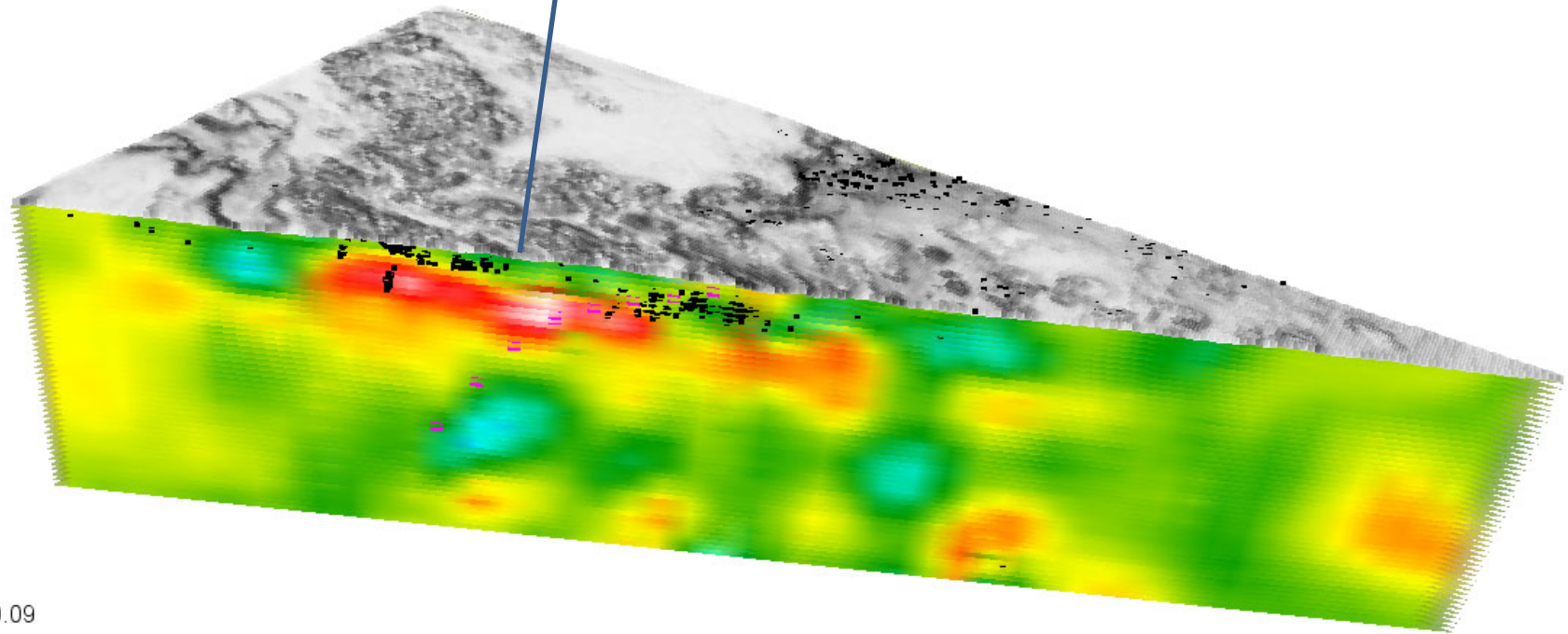


dVp

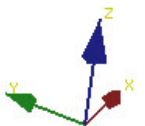
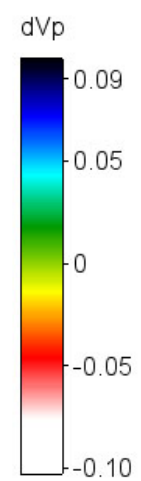


Itoigawa-Shizuoka
Tectonic Line

N

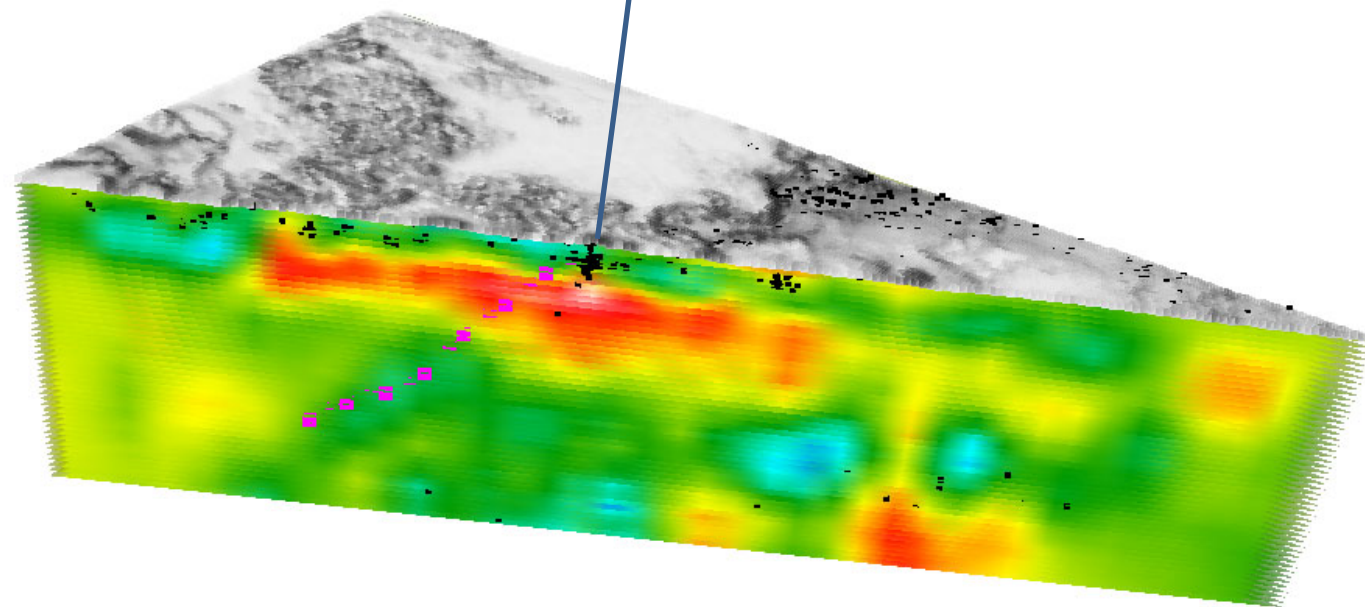


-200km



Mt. Fuji

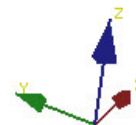
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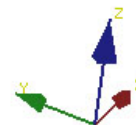
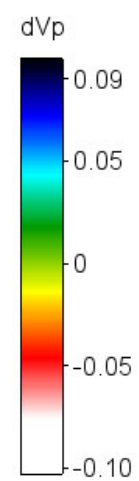
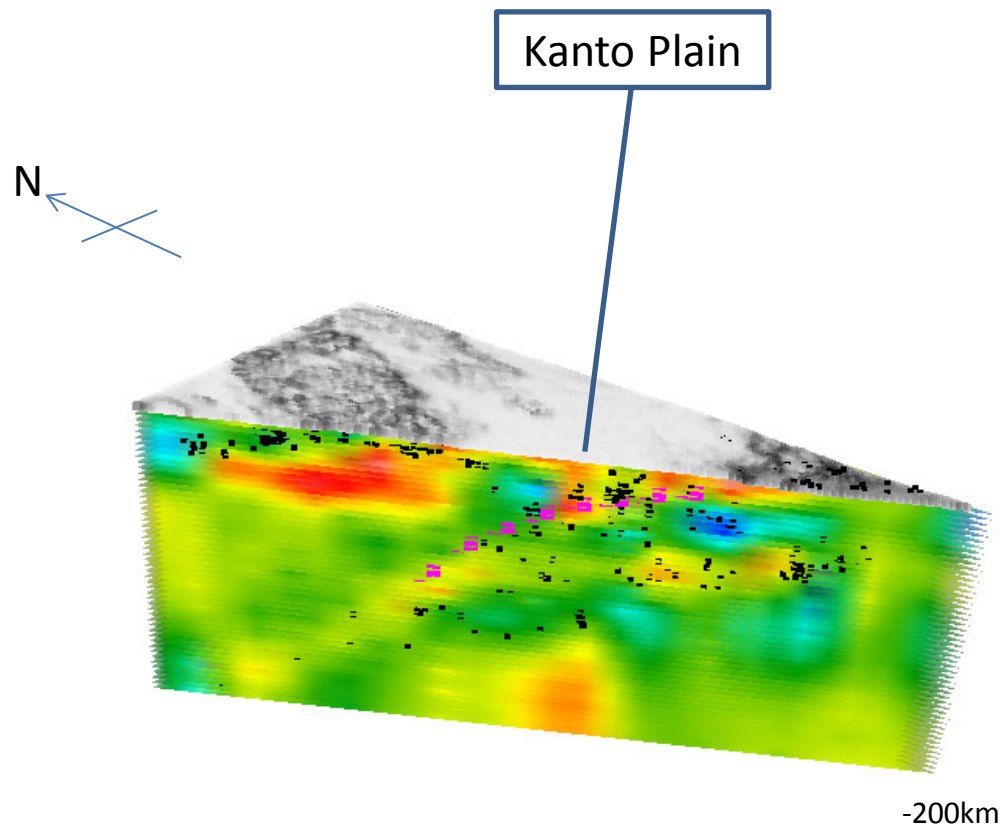


-200km


dVp

0.09
0.05
0
-0.05
-0.10

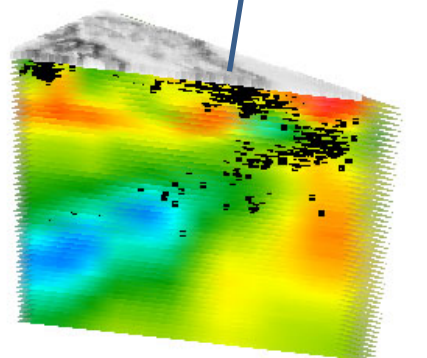




N

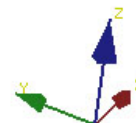
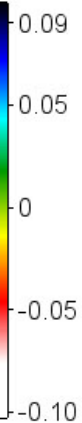


Kita-ibarak



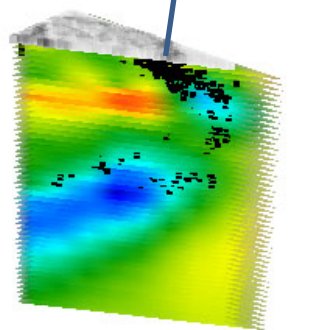
-200km

dVp

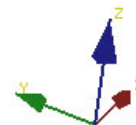
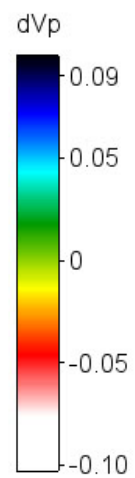


N

Iwaki

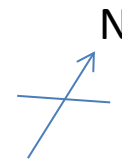


-200km

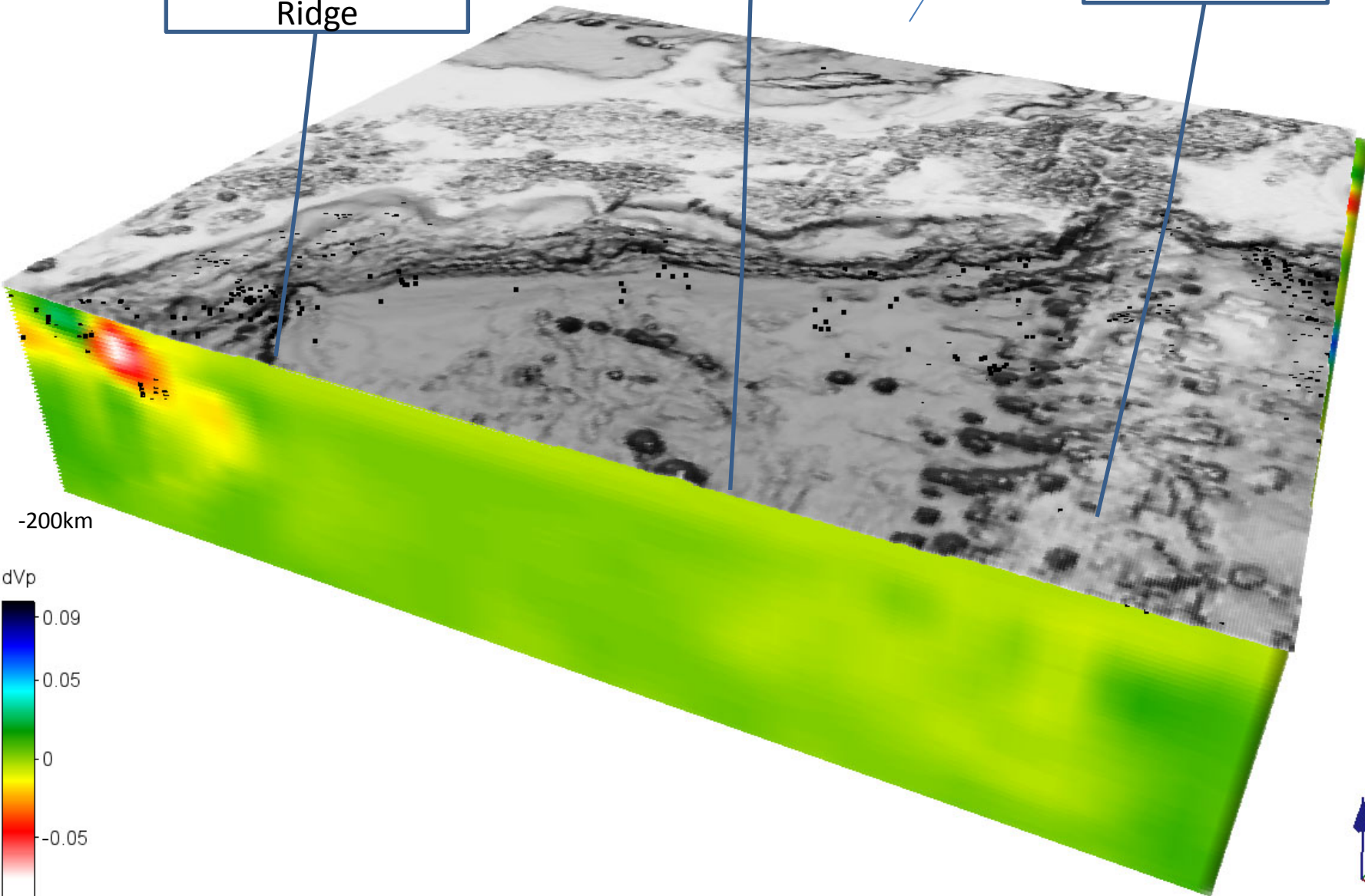


Kyushu-Palau
Ridge

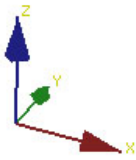
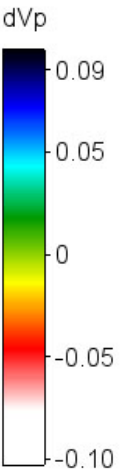
Shikoku
Ocean Basin

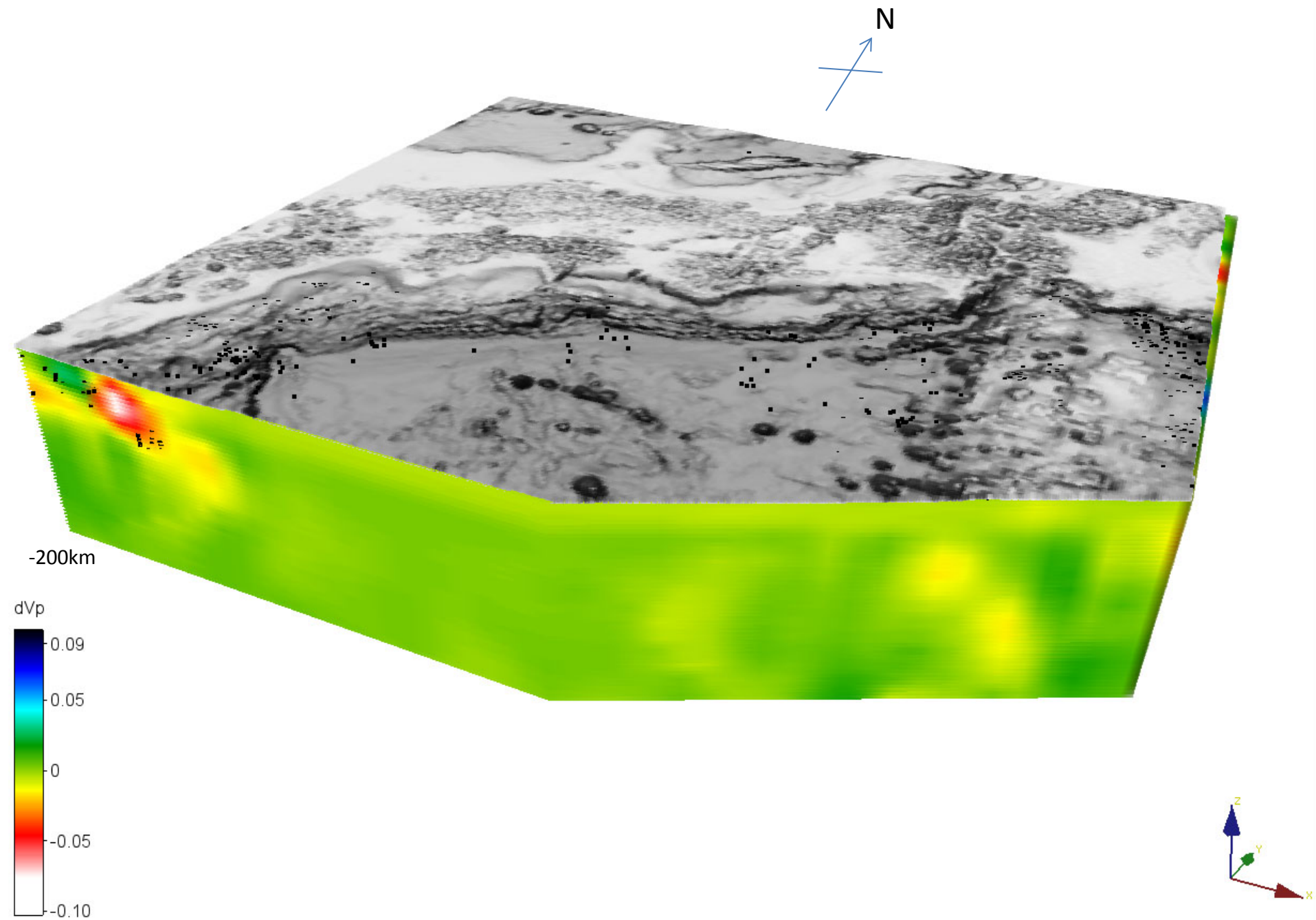


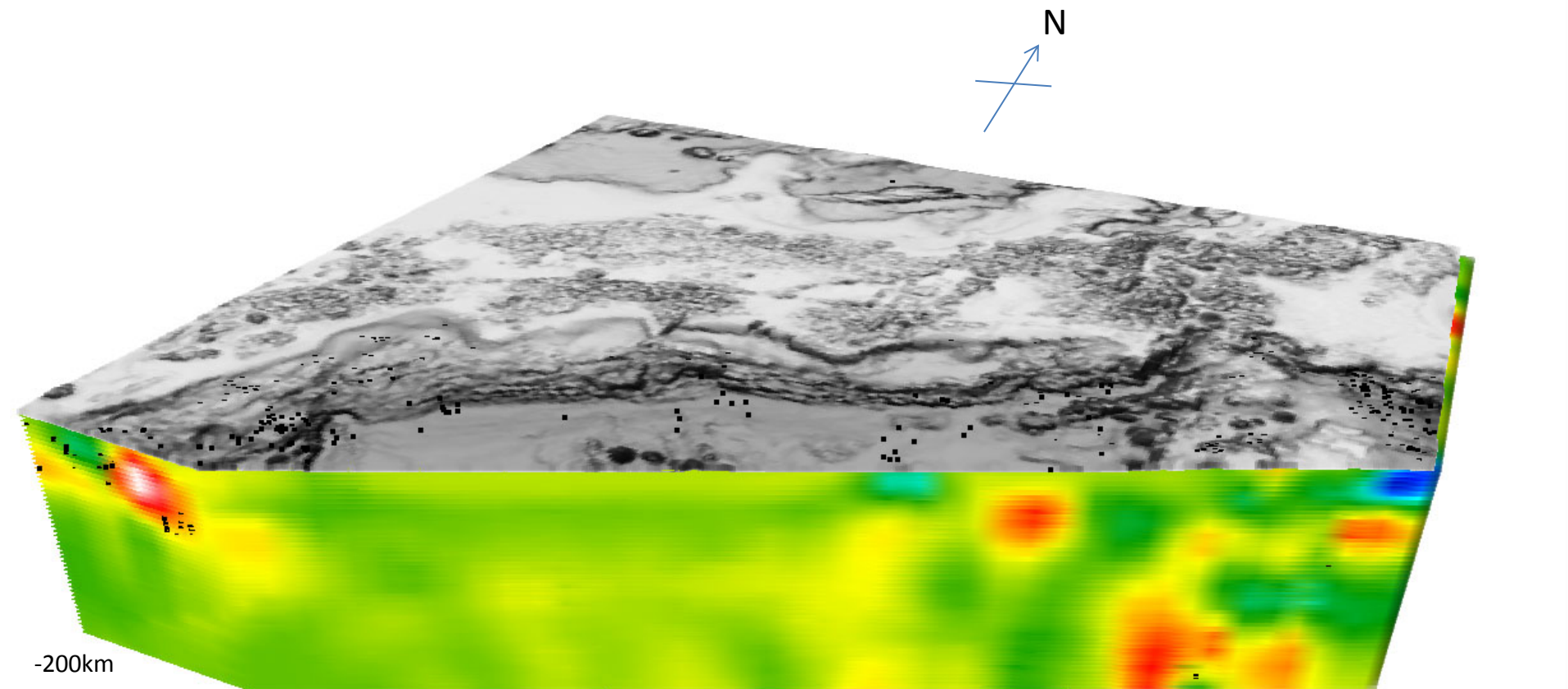
Izu Island Arc



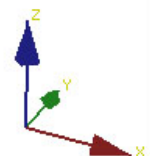
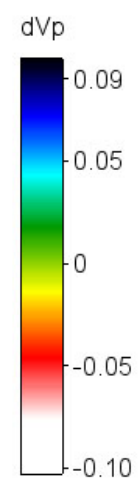
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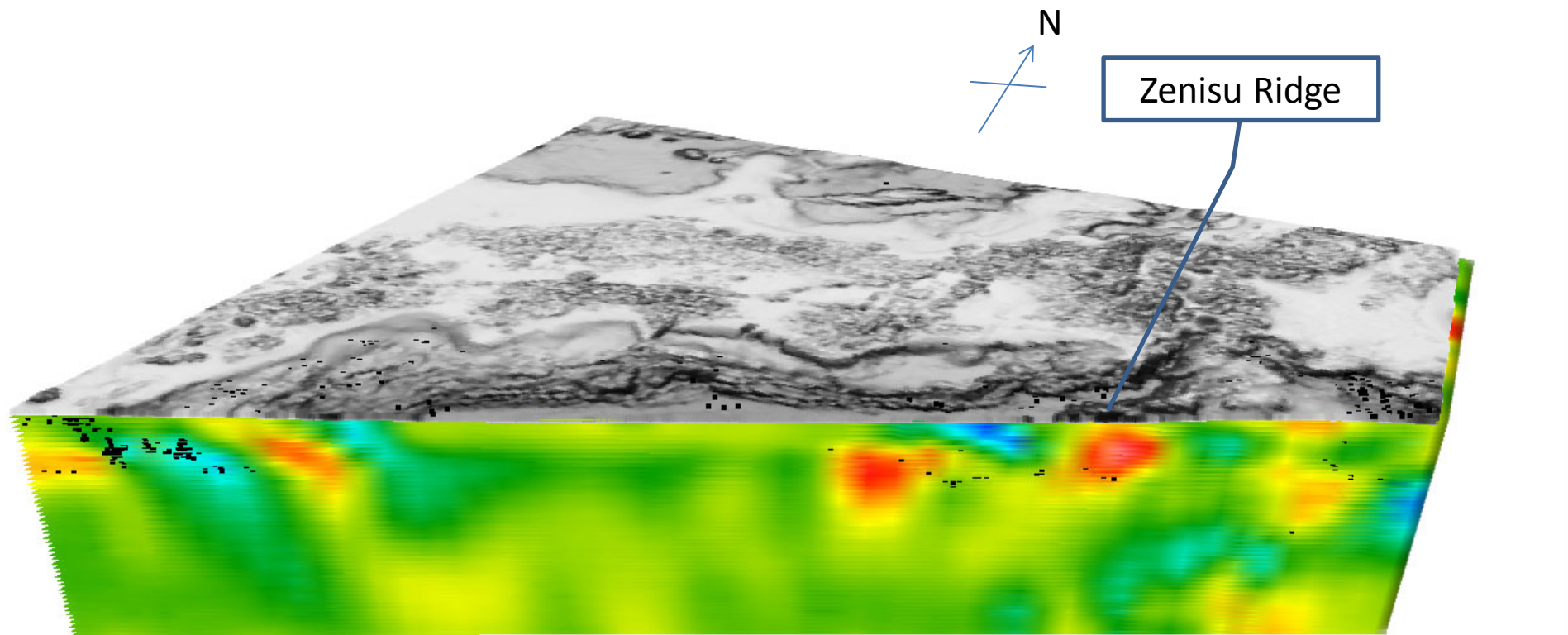






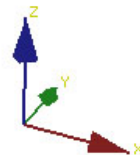
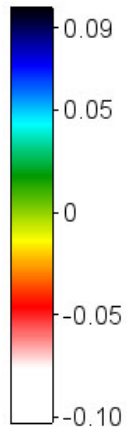
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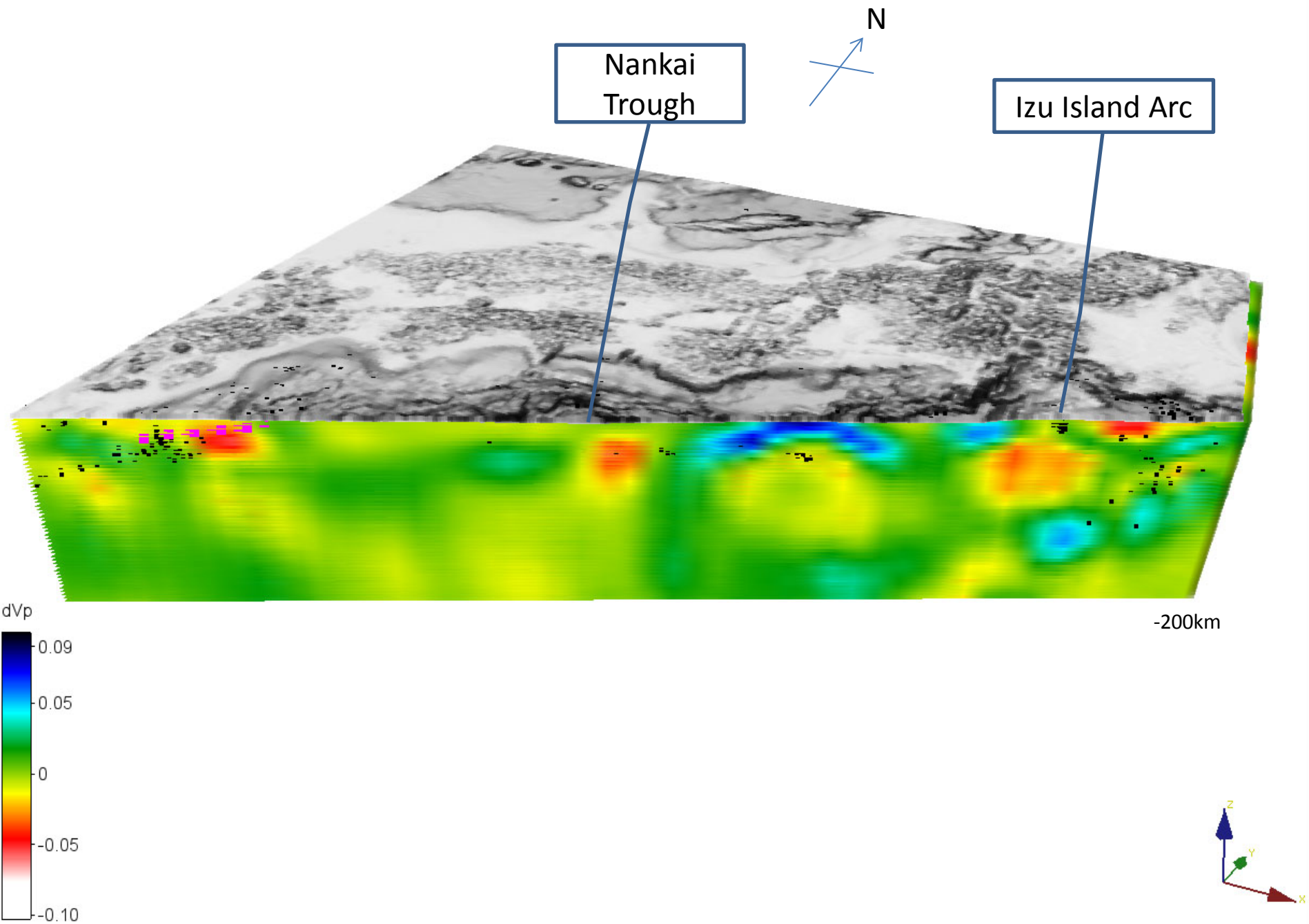


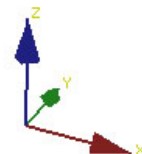
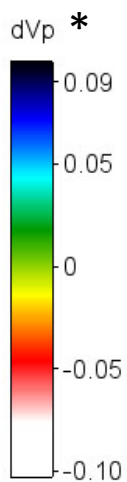
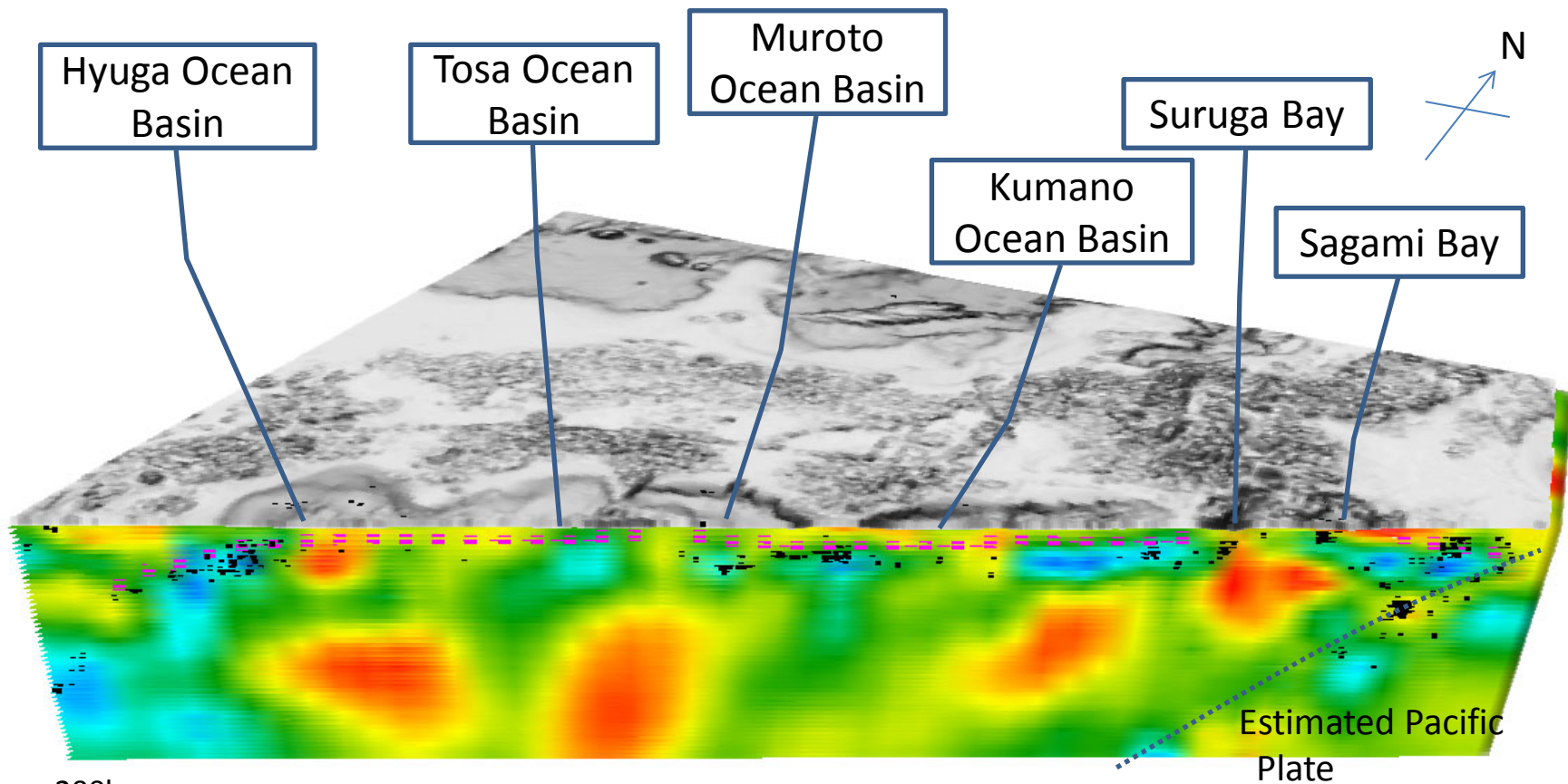


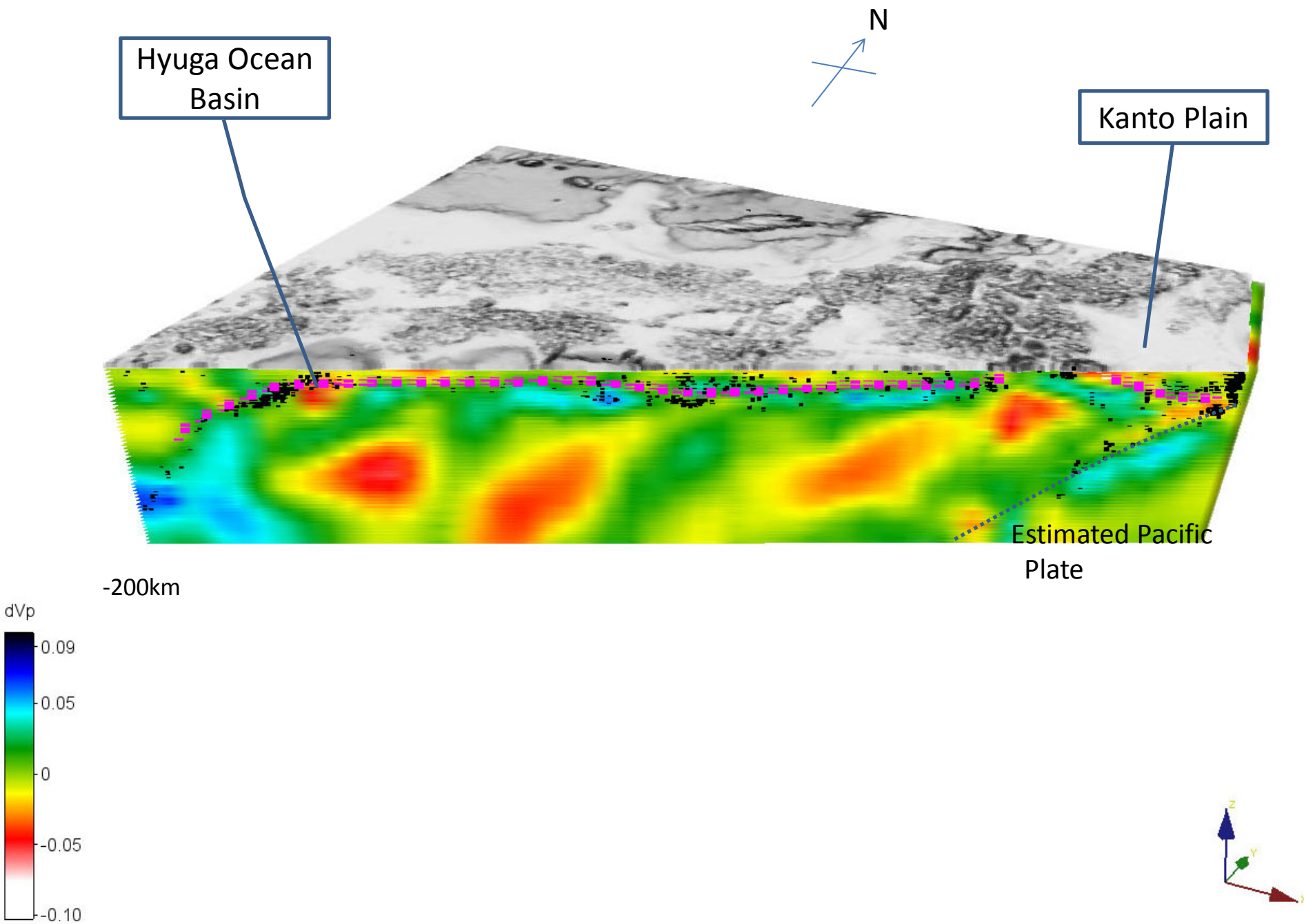
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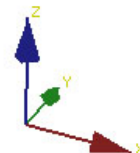
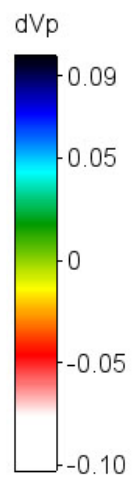
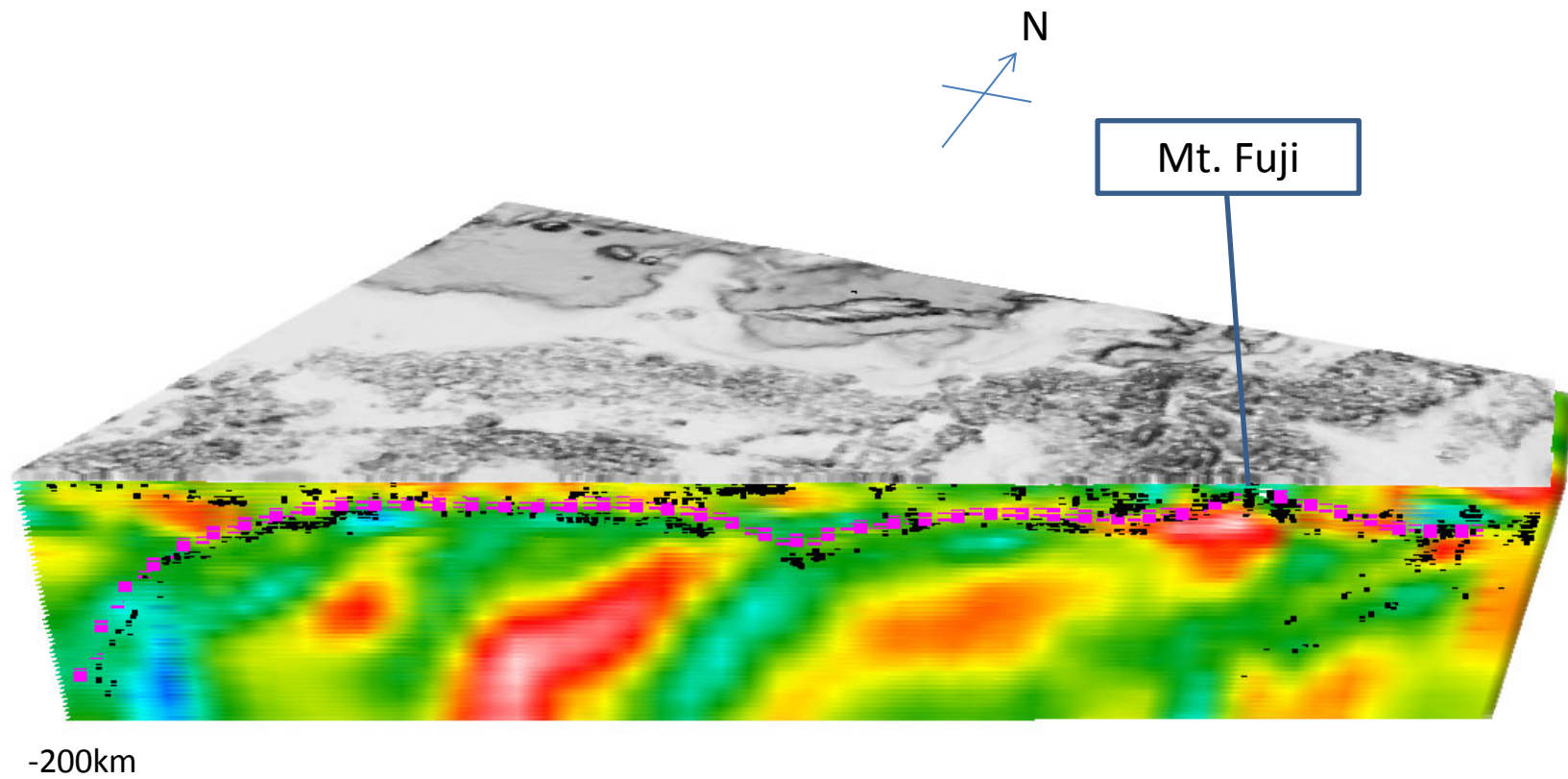
dVp

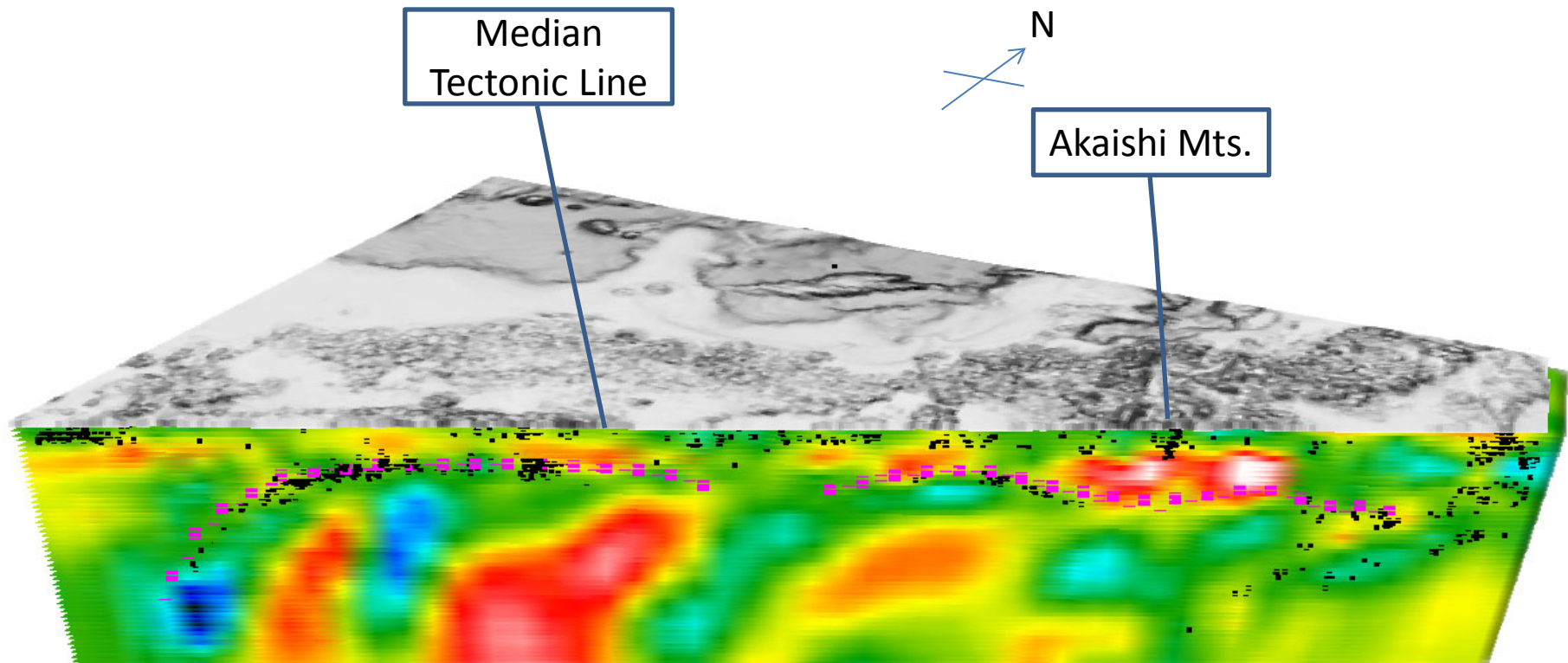






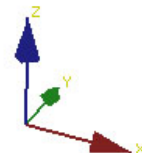
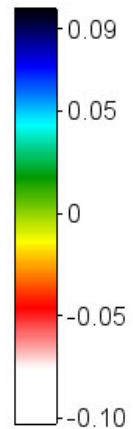


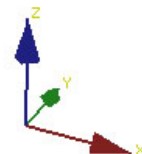
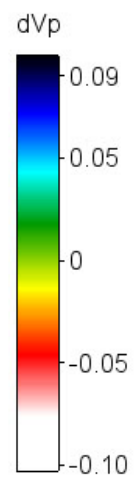
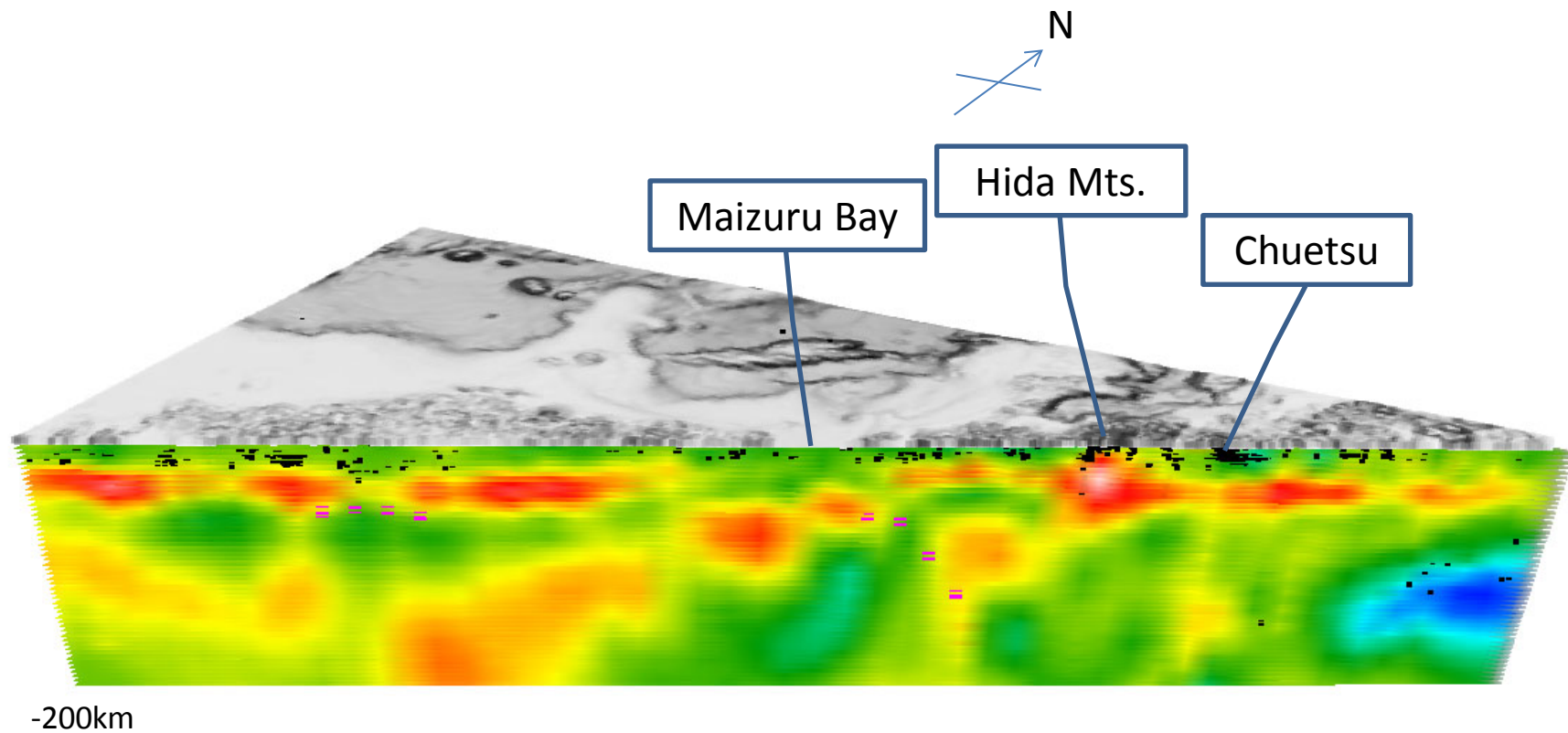


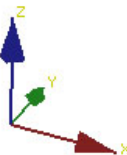
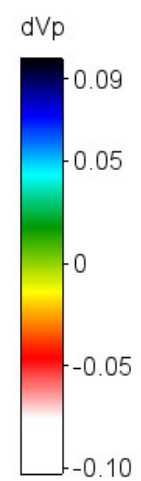
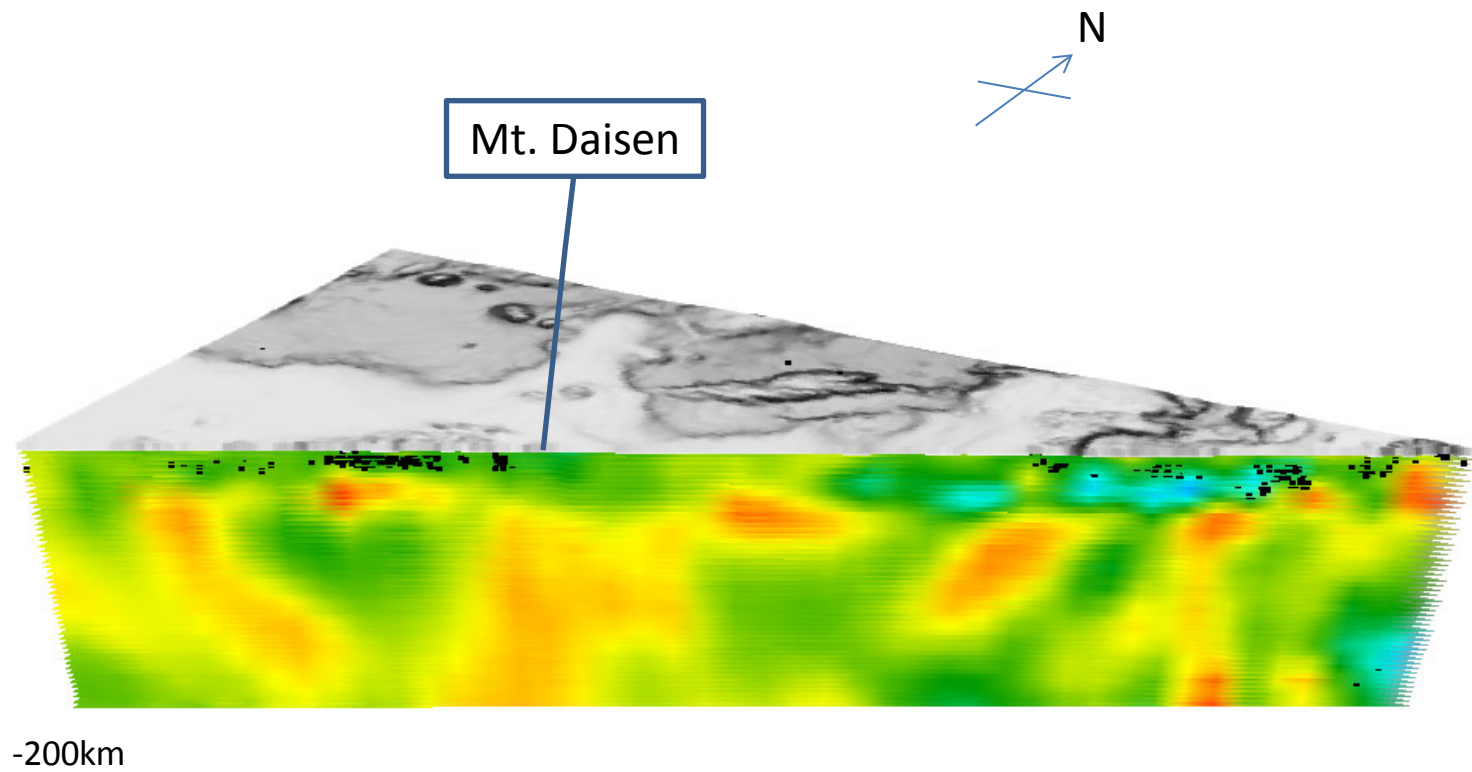


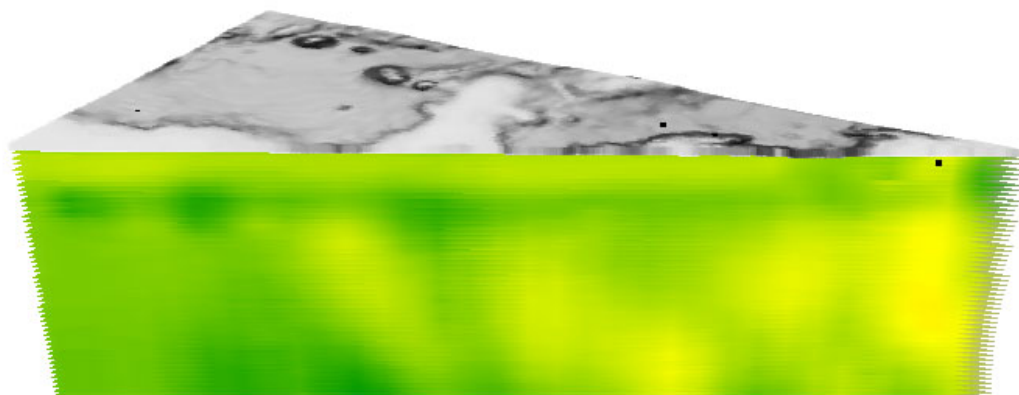
-200km

dVp



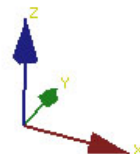
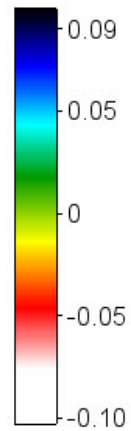




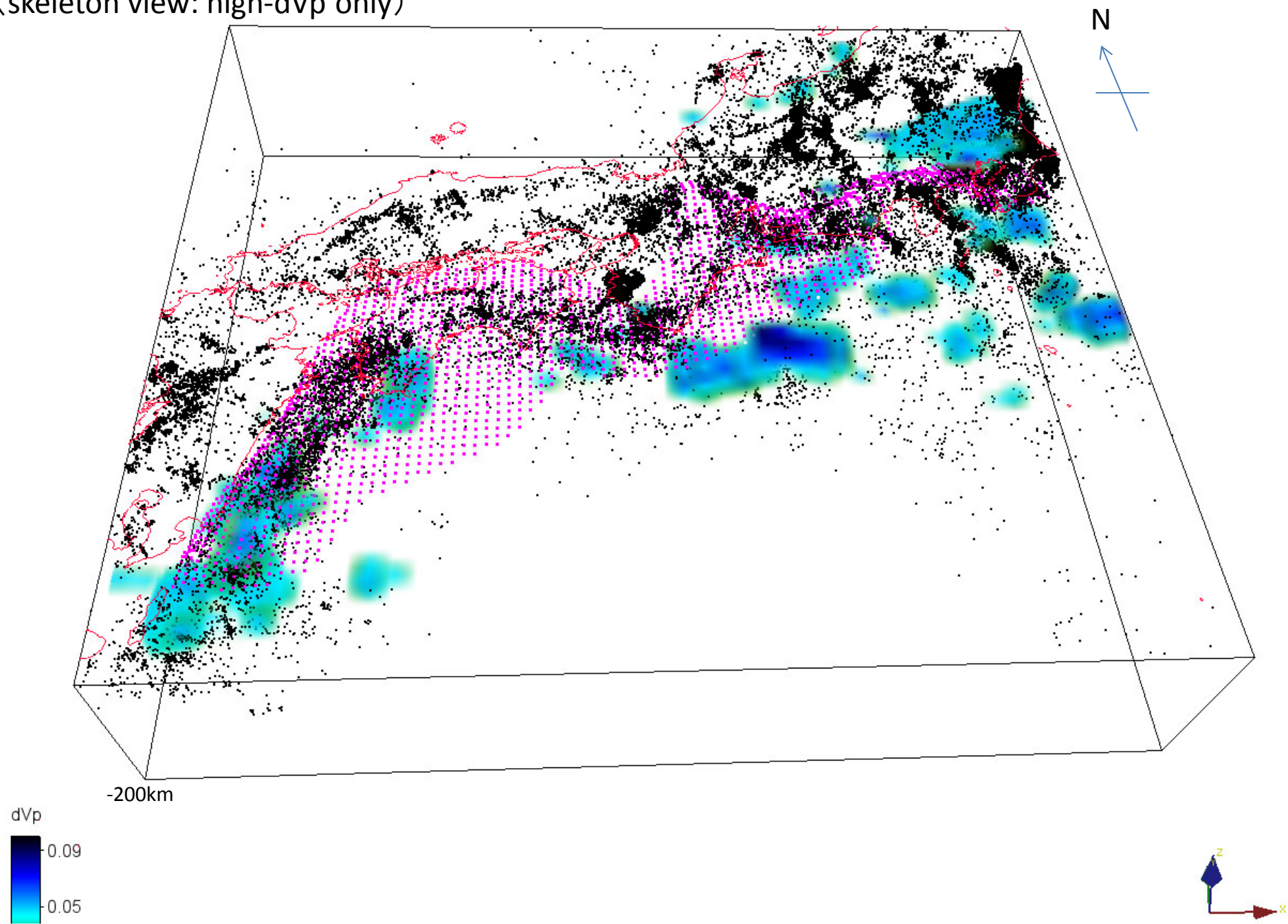


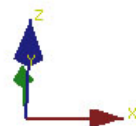
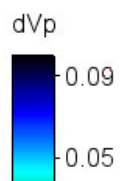
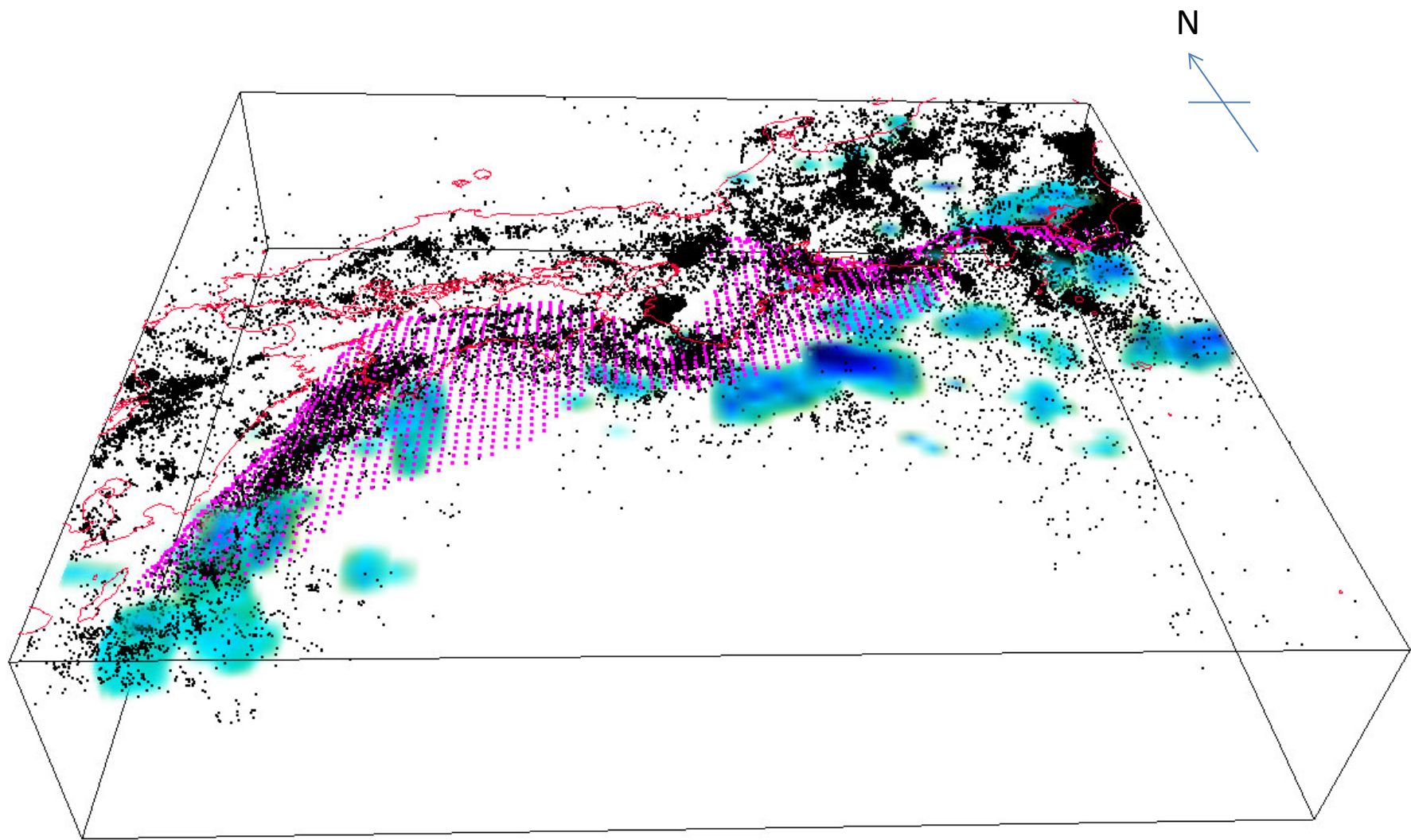
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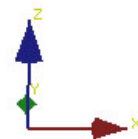
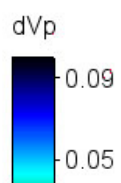
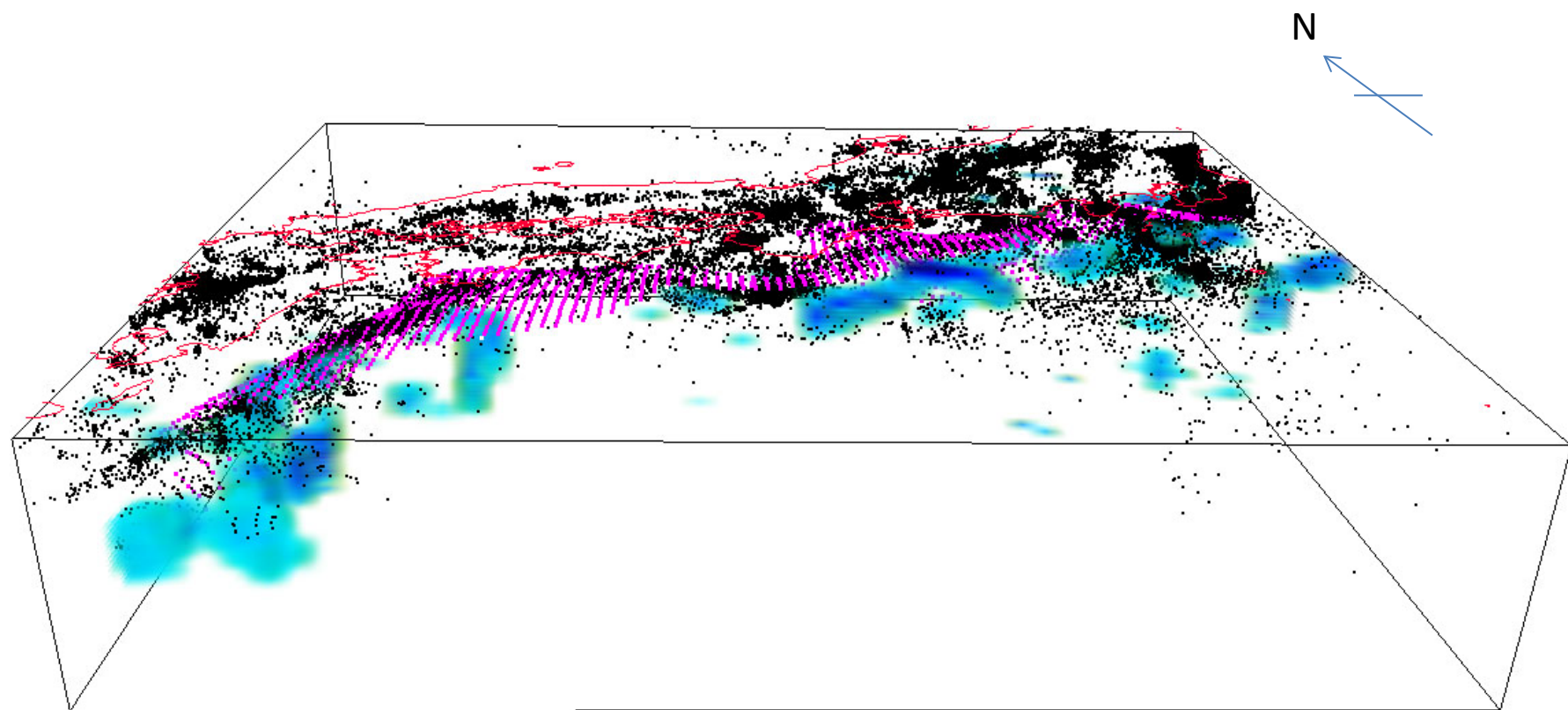
dVp



(skeleton view: high-dVp only)







(skeleton view: low-dVP only)

