

# Appendix-3

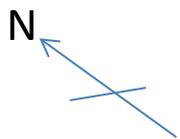
- The dVp was calculated from the Vp data of Matsubara and Obara (2011)
- The shaded relief image was calculated from the sea-land combined 490-m DEM

## Legend

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

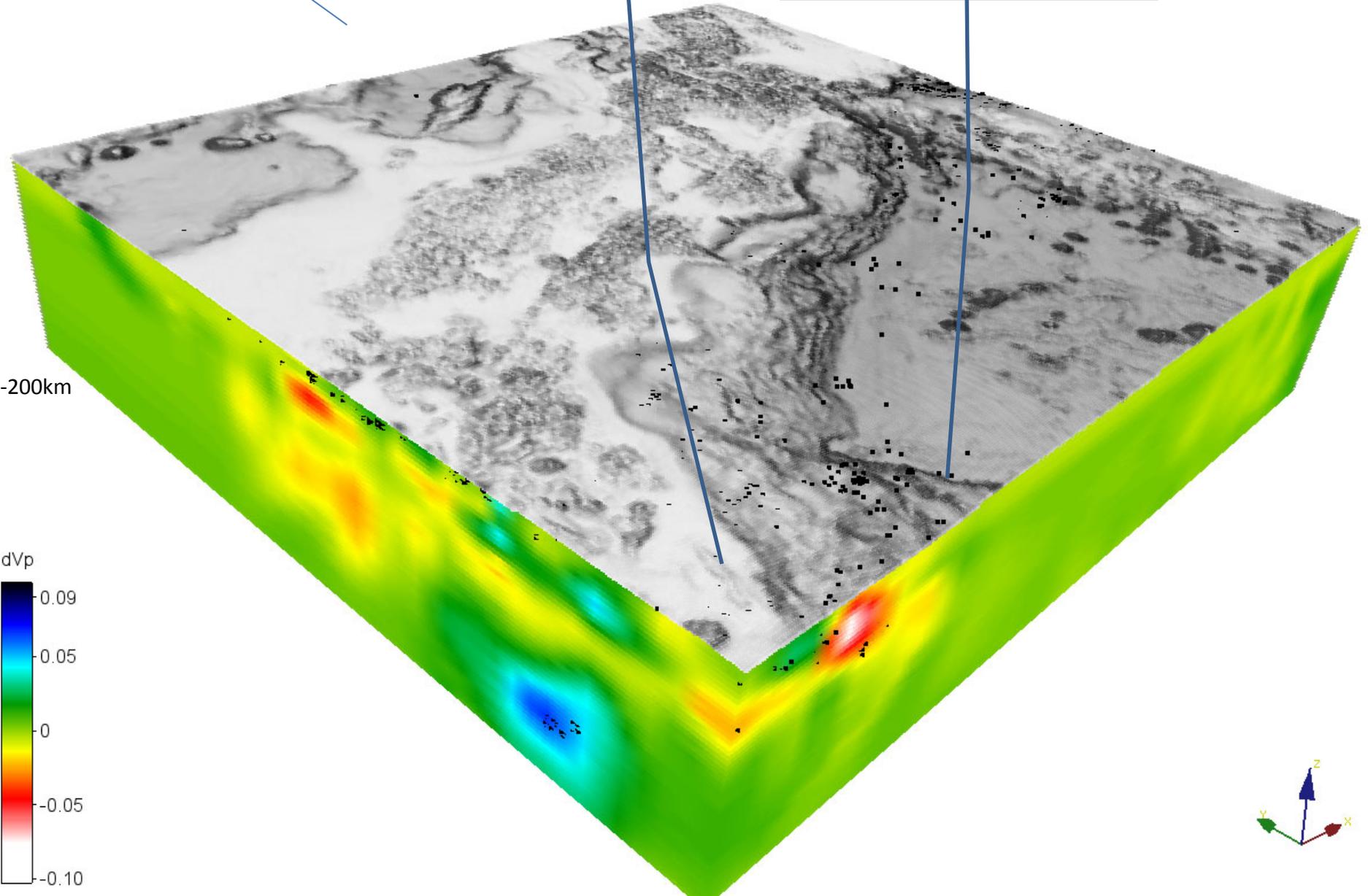
Junko IWAHASHI, Yuki MATSUSHI and Hiroshi FUKUOKA (2015)

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

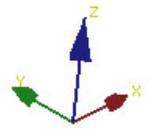
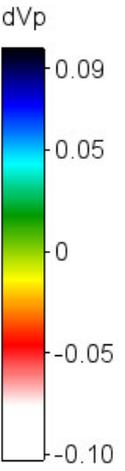


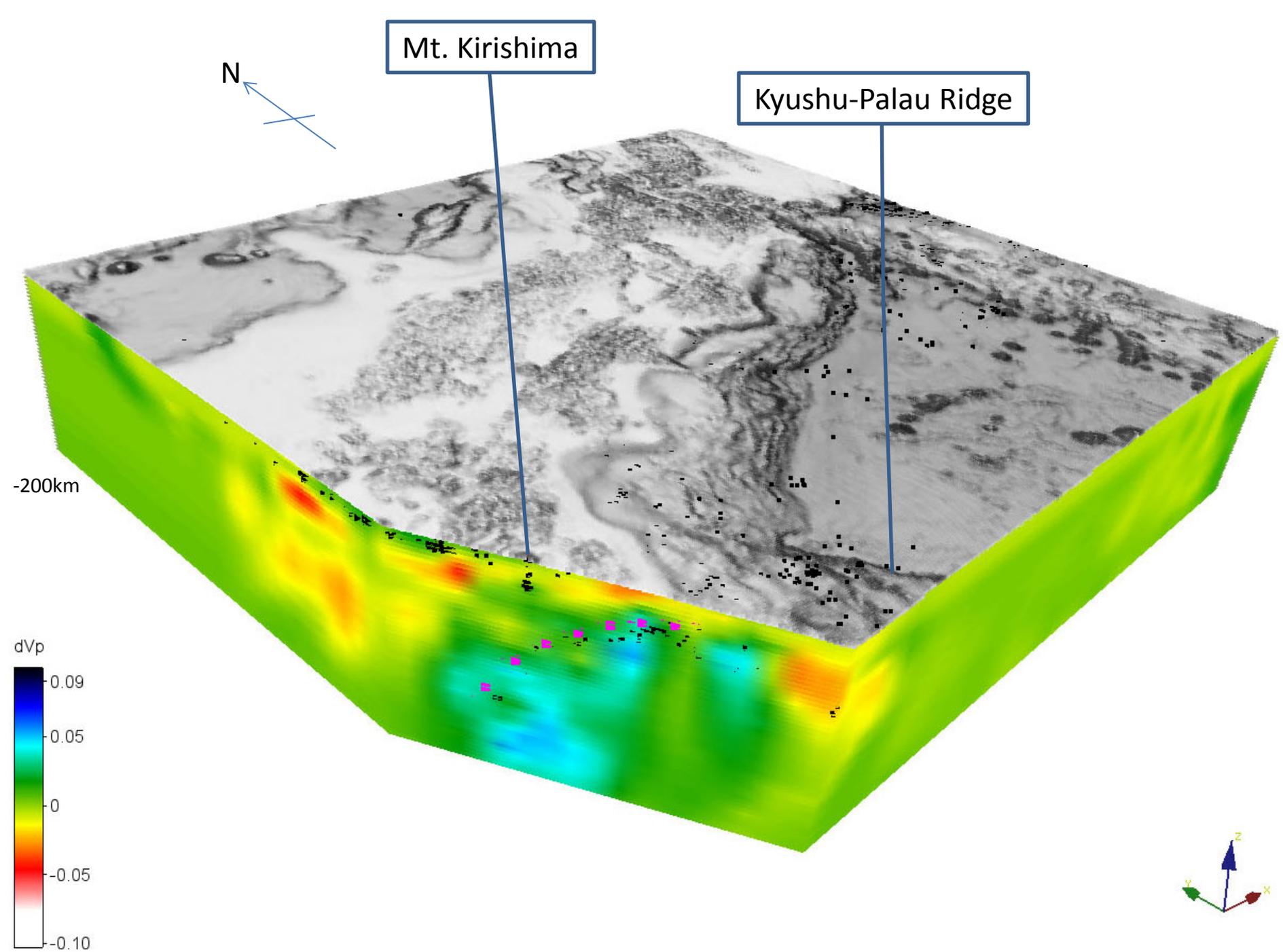
Tanegashima  
Island

Kyushu-Palau Ridge



-200km

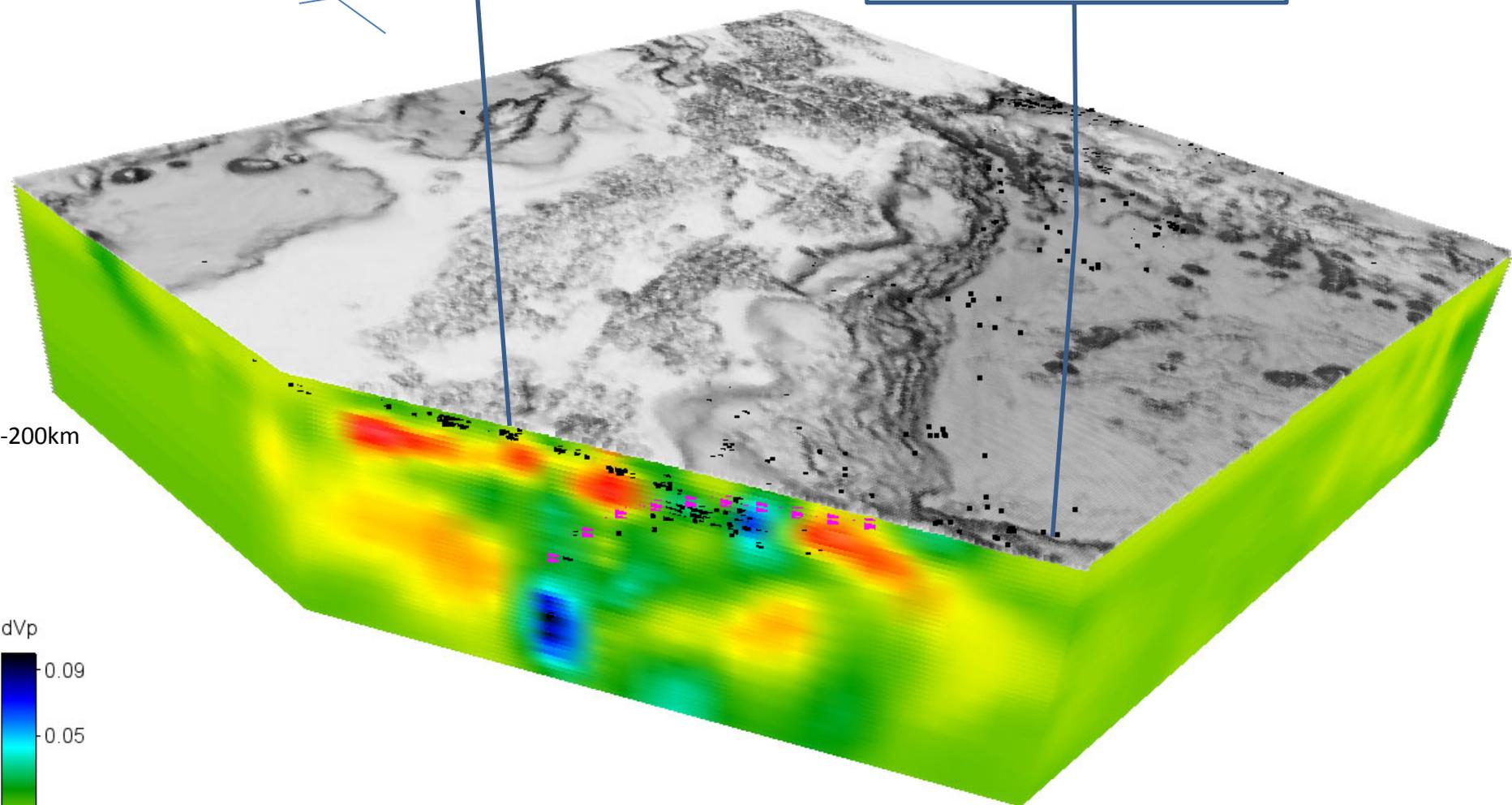




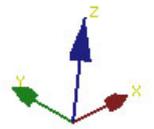
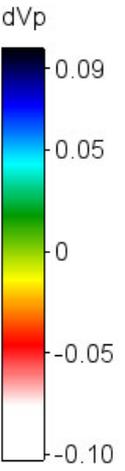
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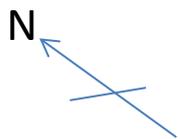
Mt. Aso

Kyushu-Palau Ridge



-200km

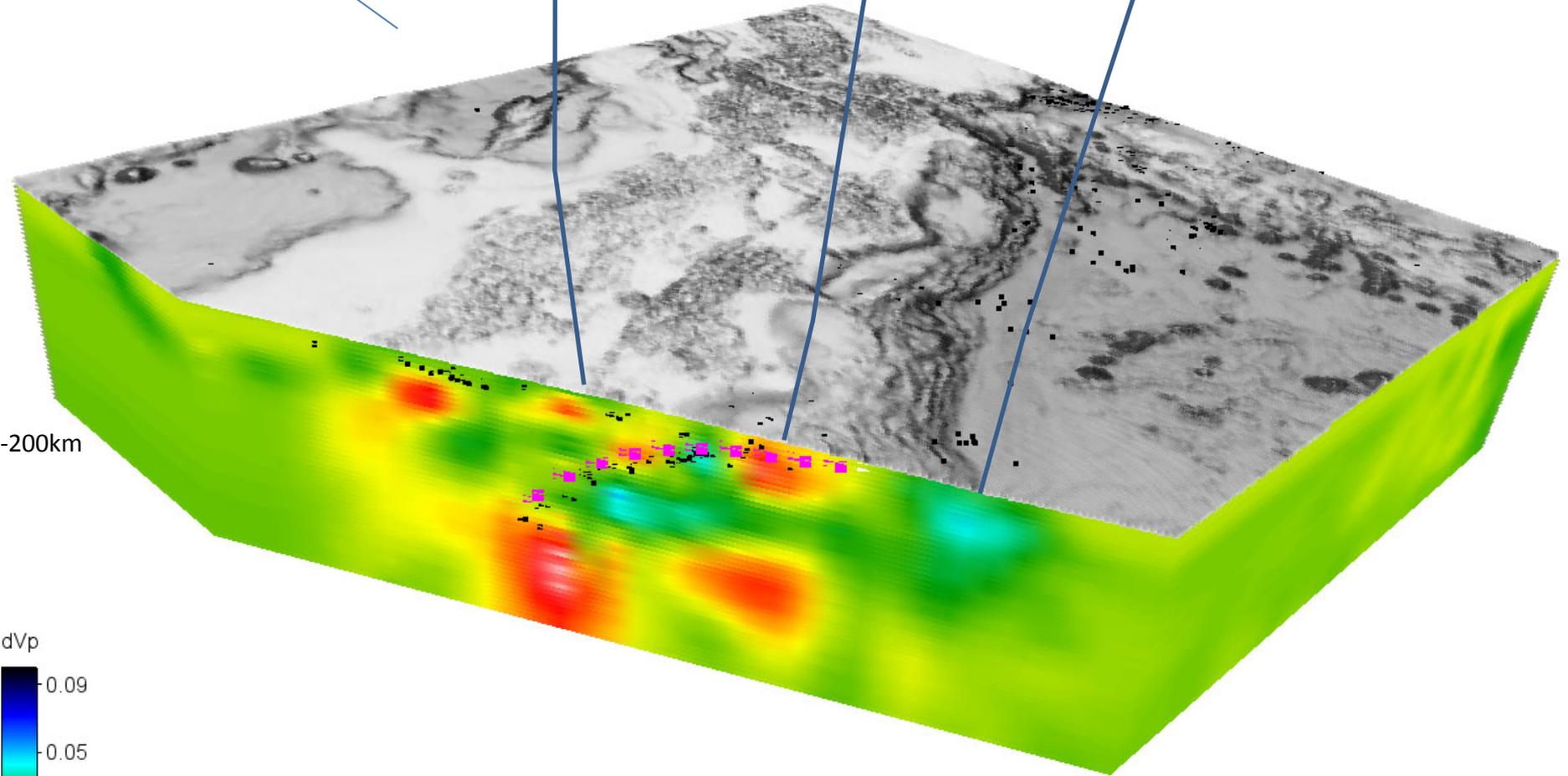




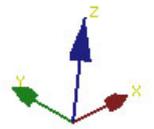
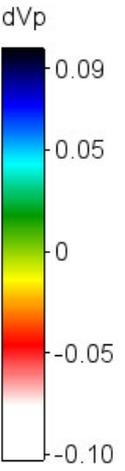
Median  
Tectonic Line

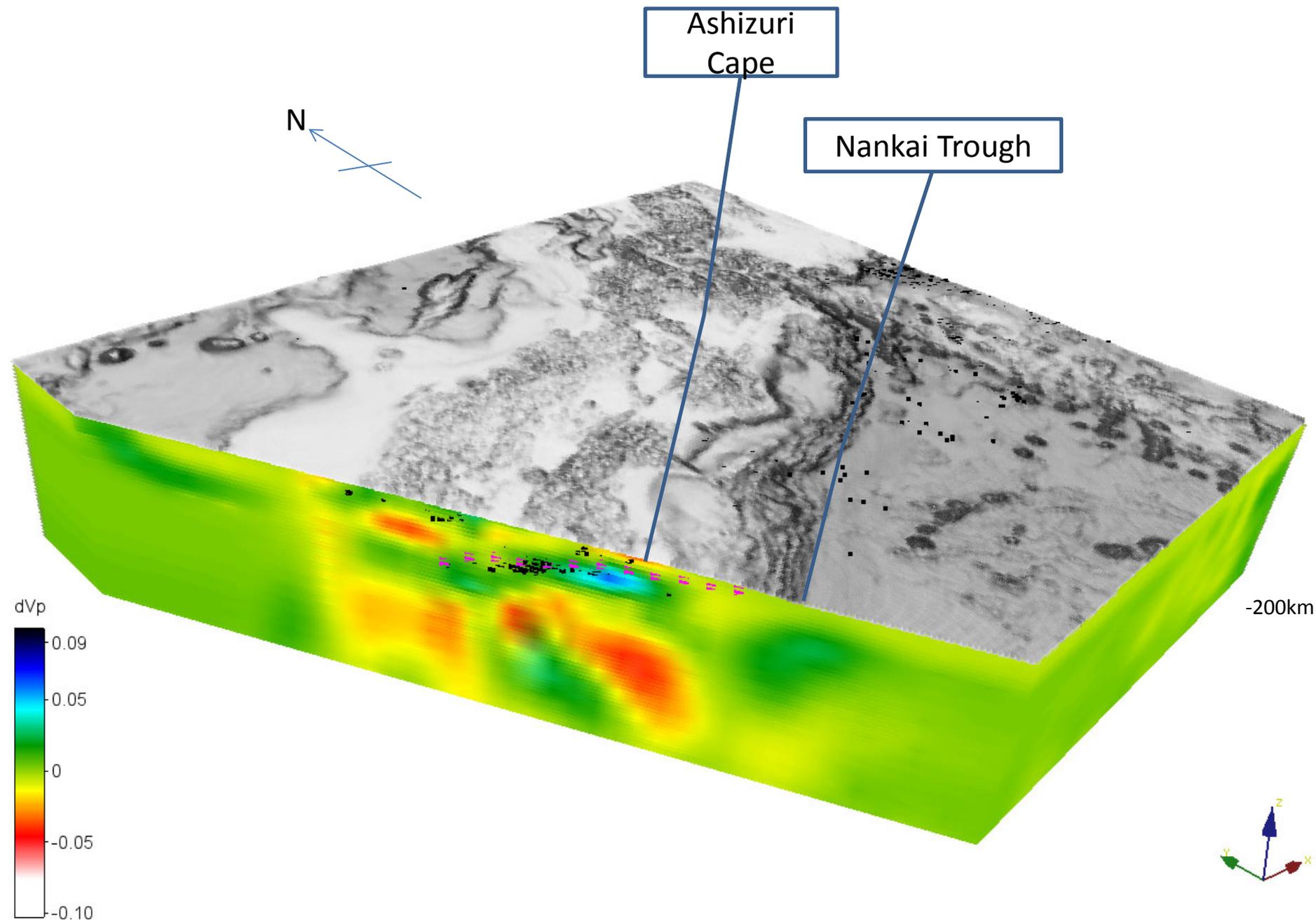
Hyuga Ocean  
Basin

Nankai  
Trough

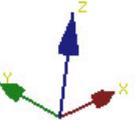
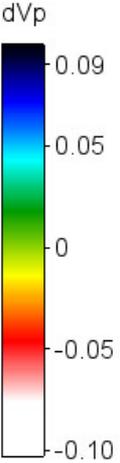
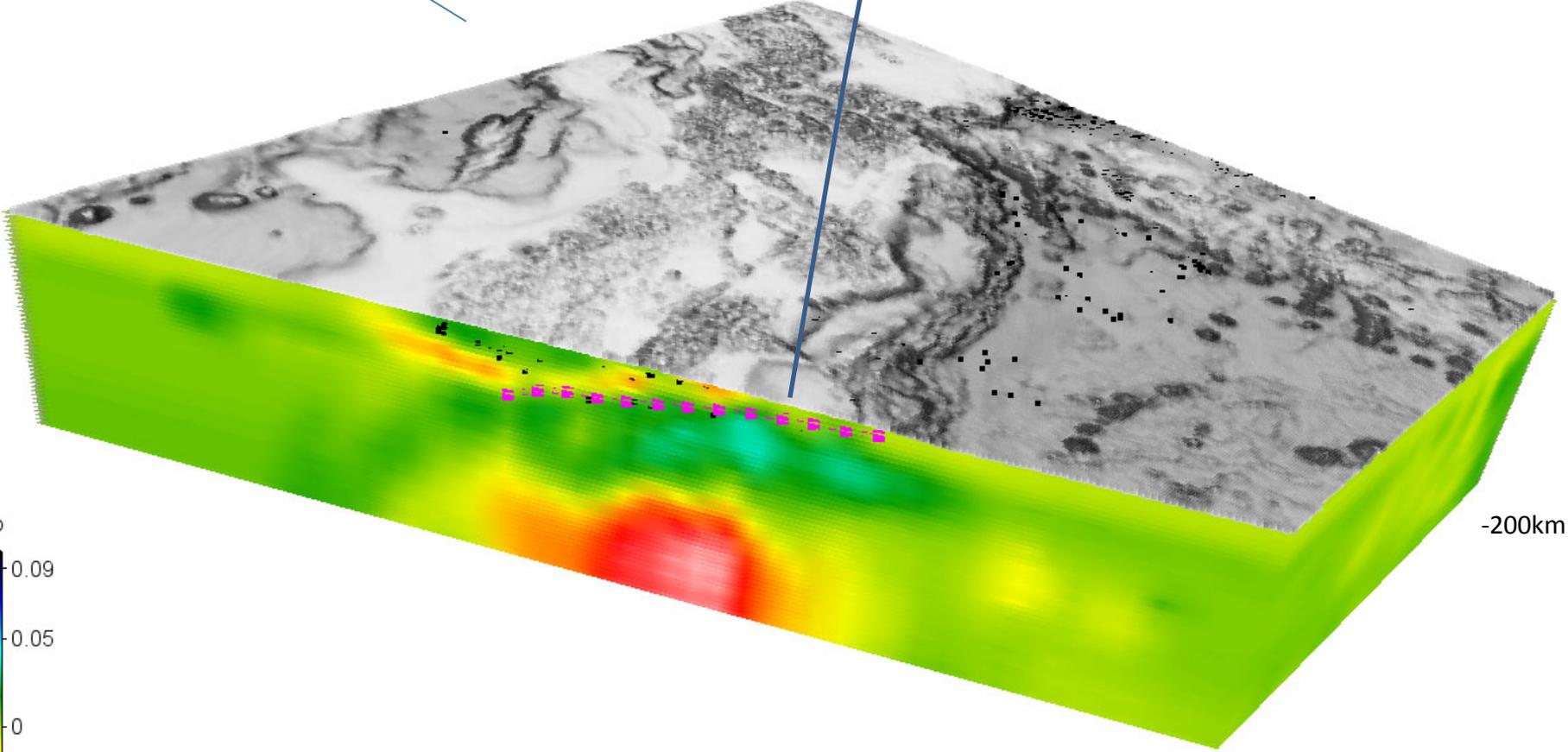
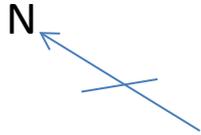


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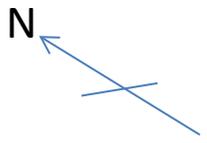




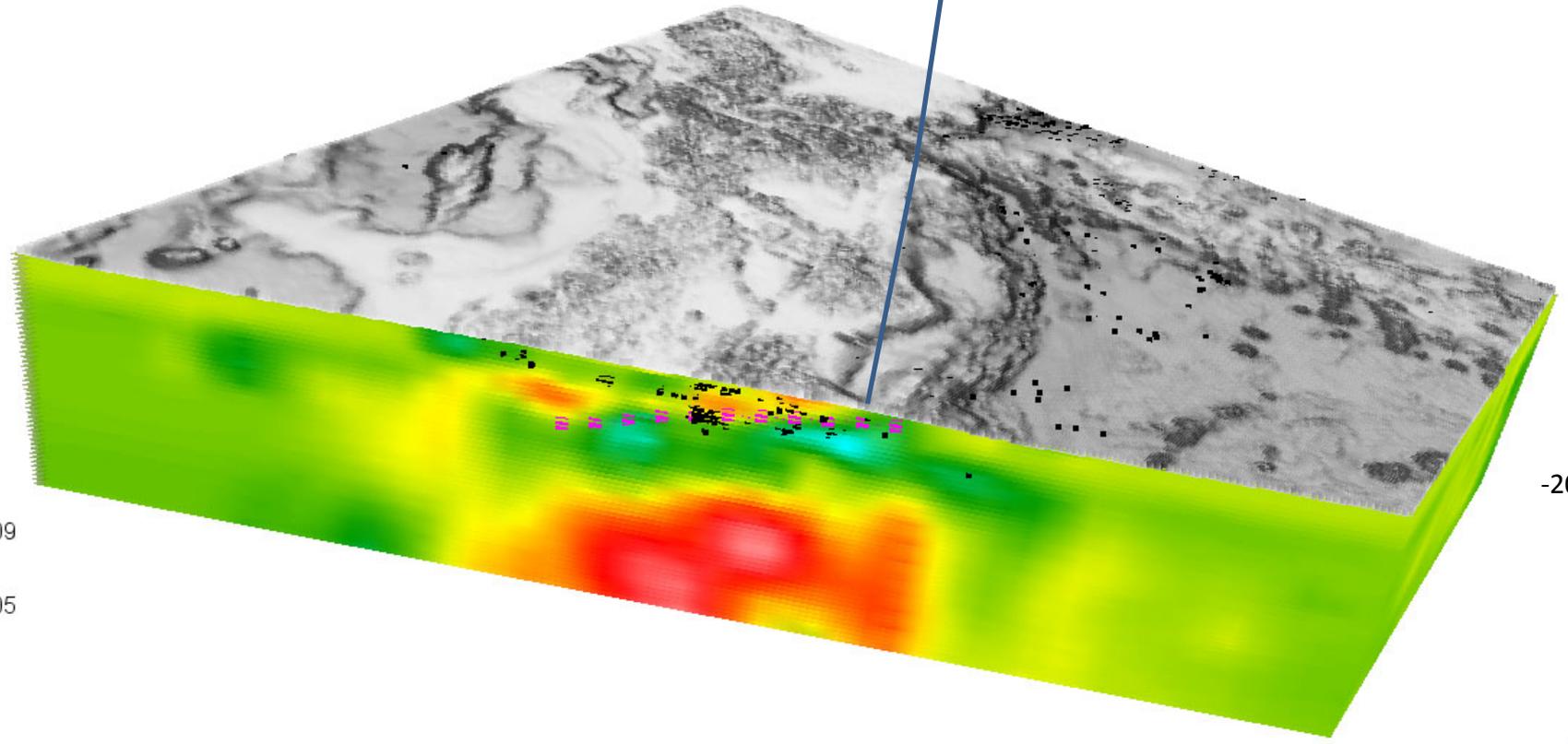
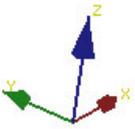
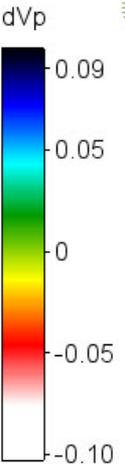
Tosa Ocean Basin

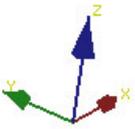
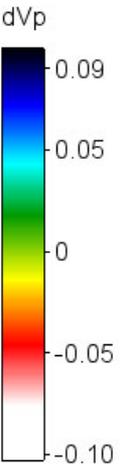
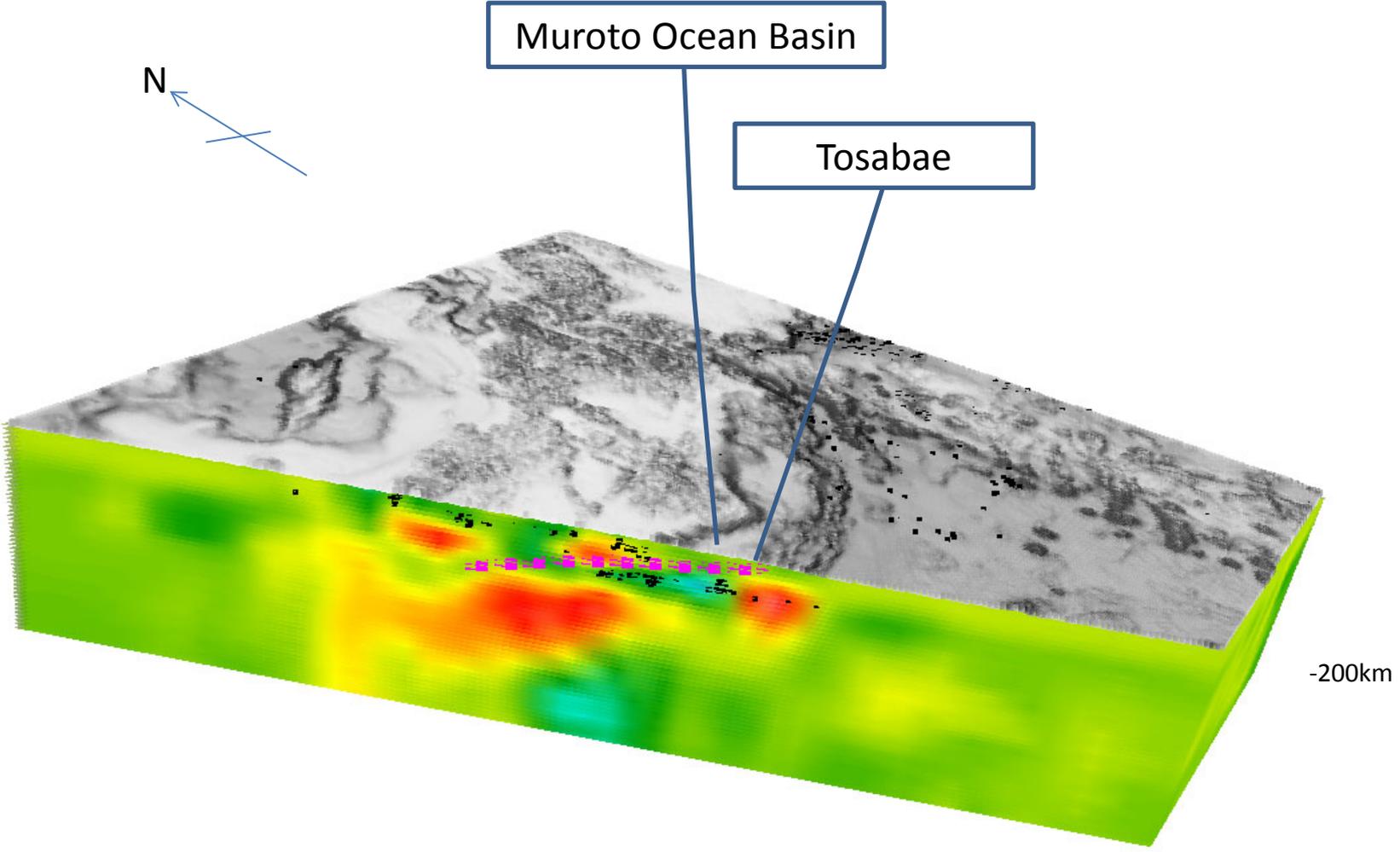


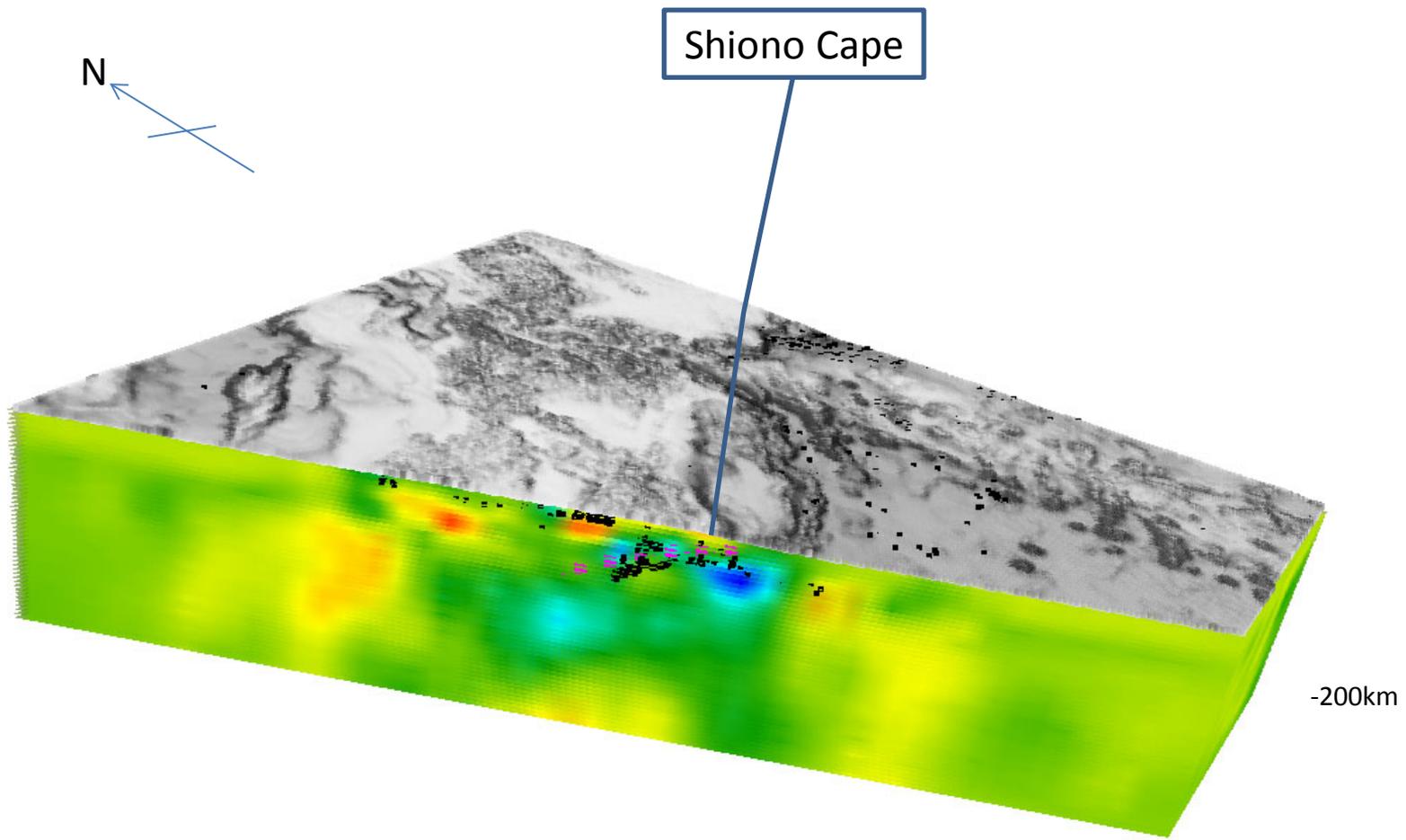
Muroto Cape



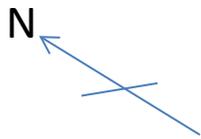
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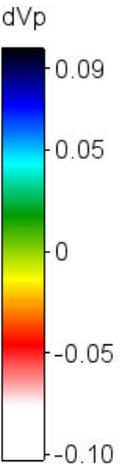
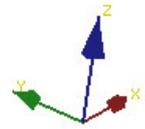




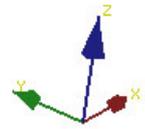
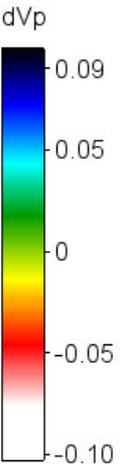
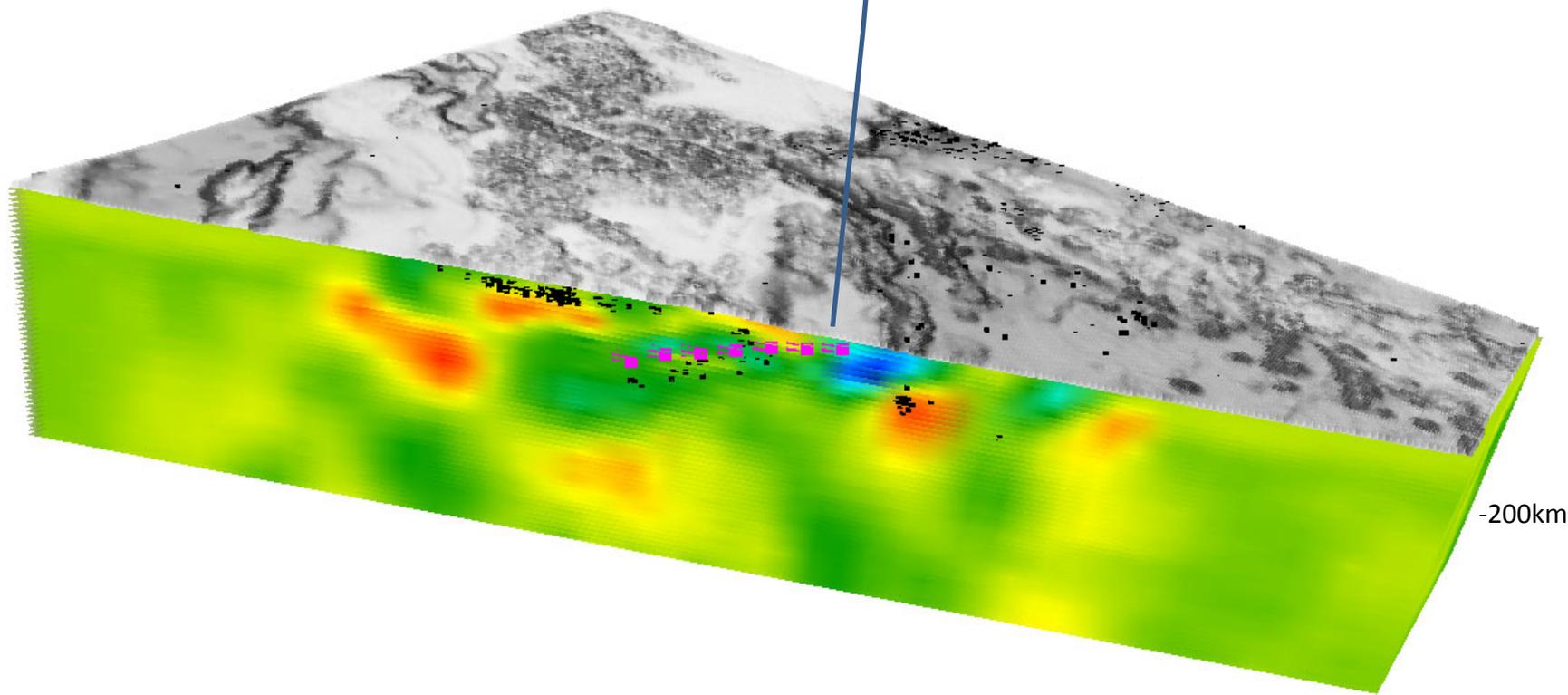
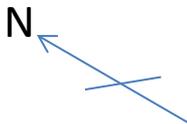
Shiono Cape



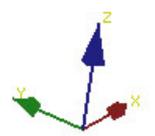
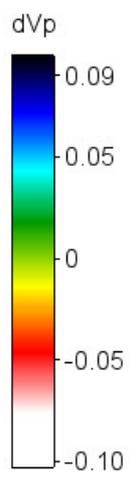
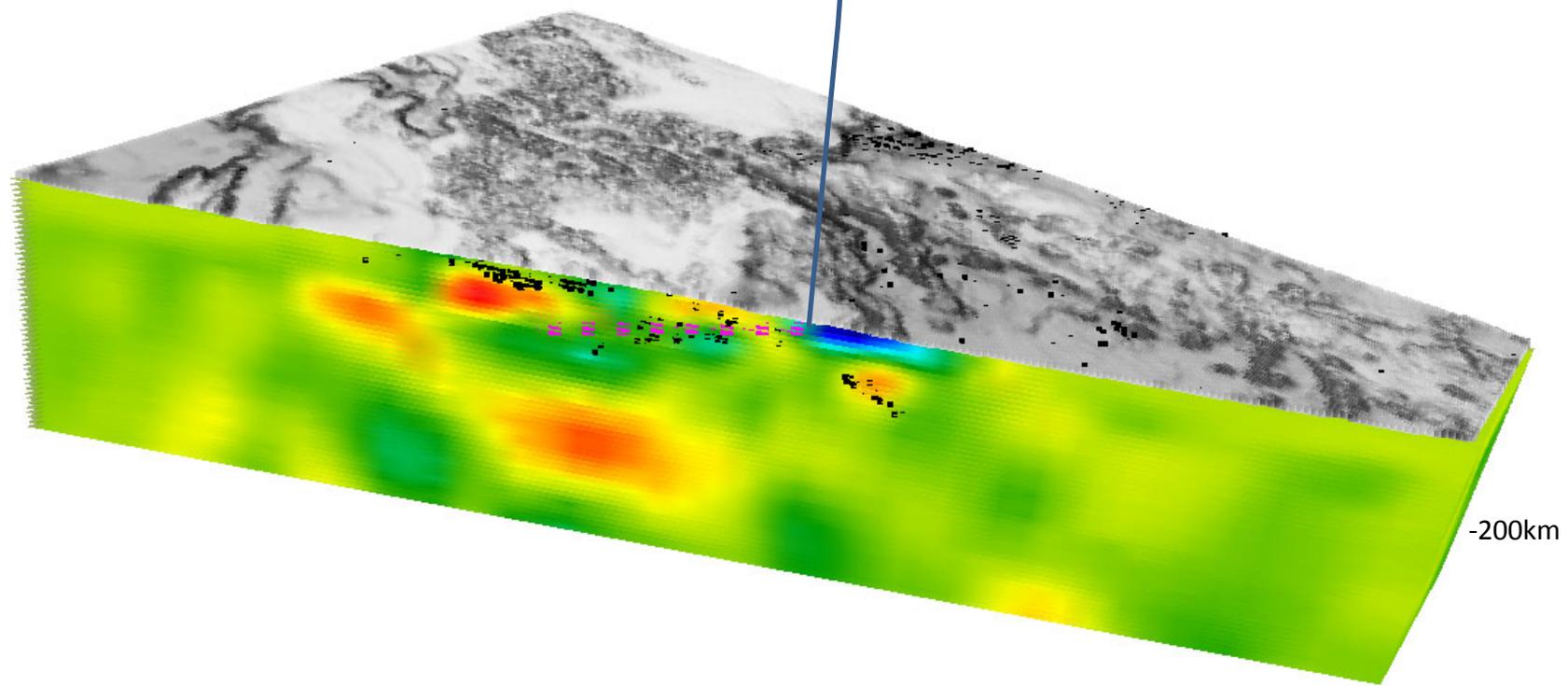
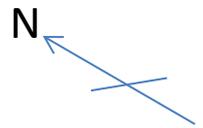
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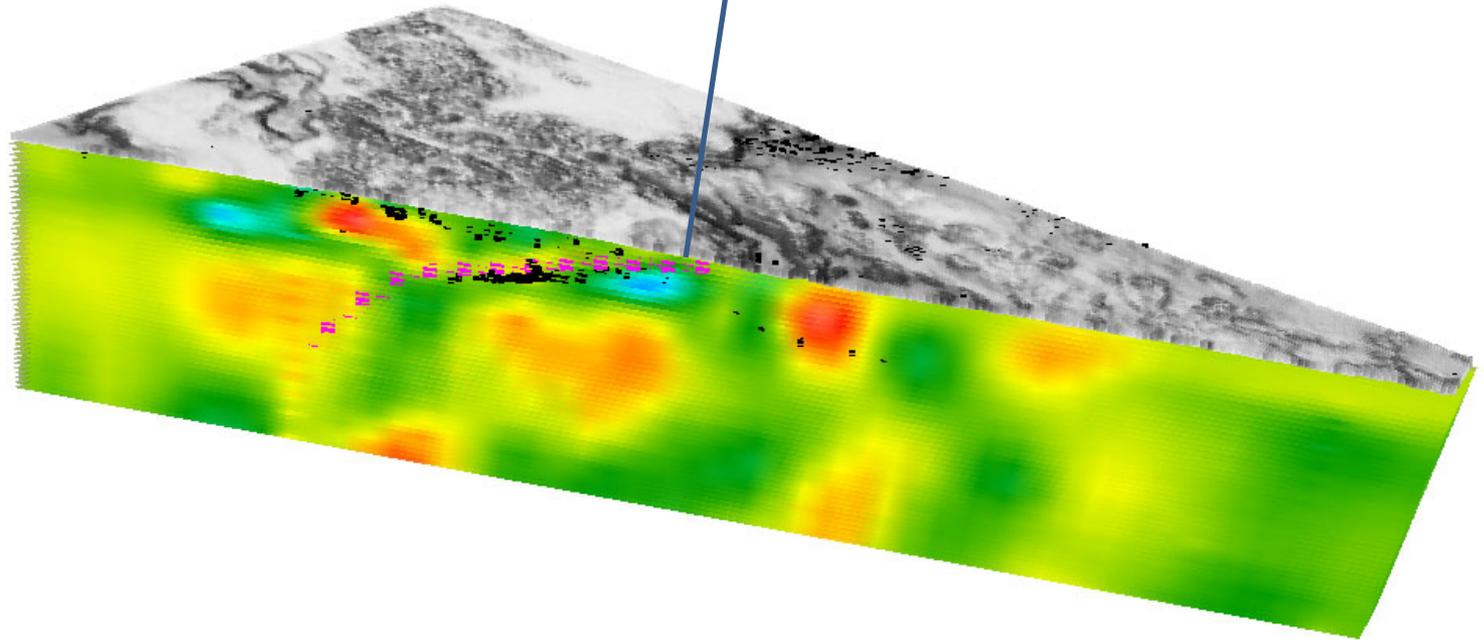
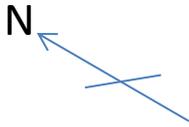
Kumano Ocean Basin



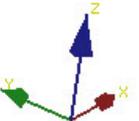
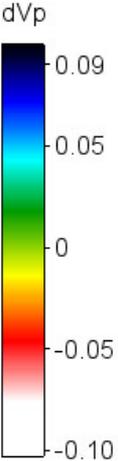
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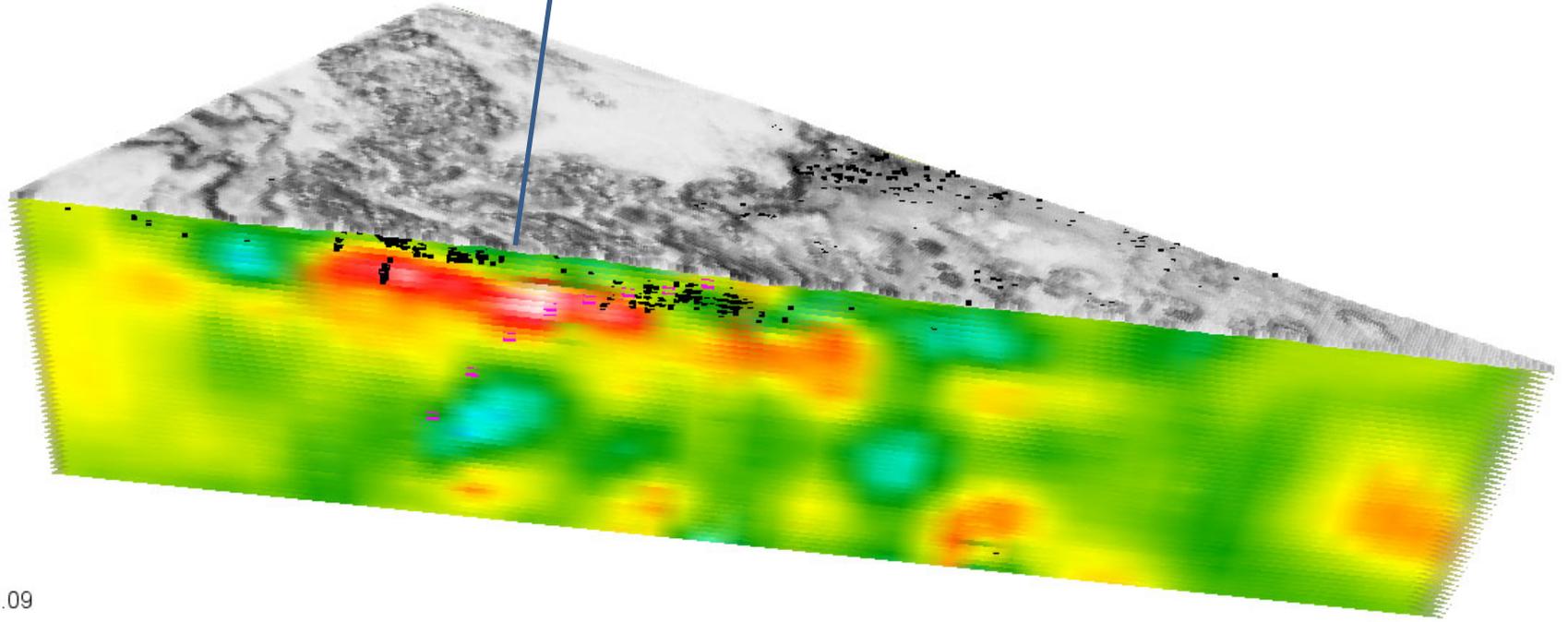
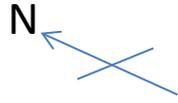
Off the coast of  
Enshu



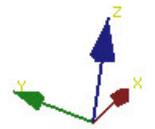
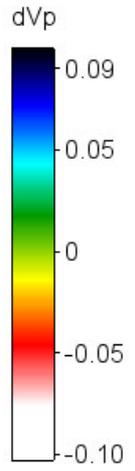
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Itoigawa-Shizuoka  
Tectonic Line

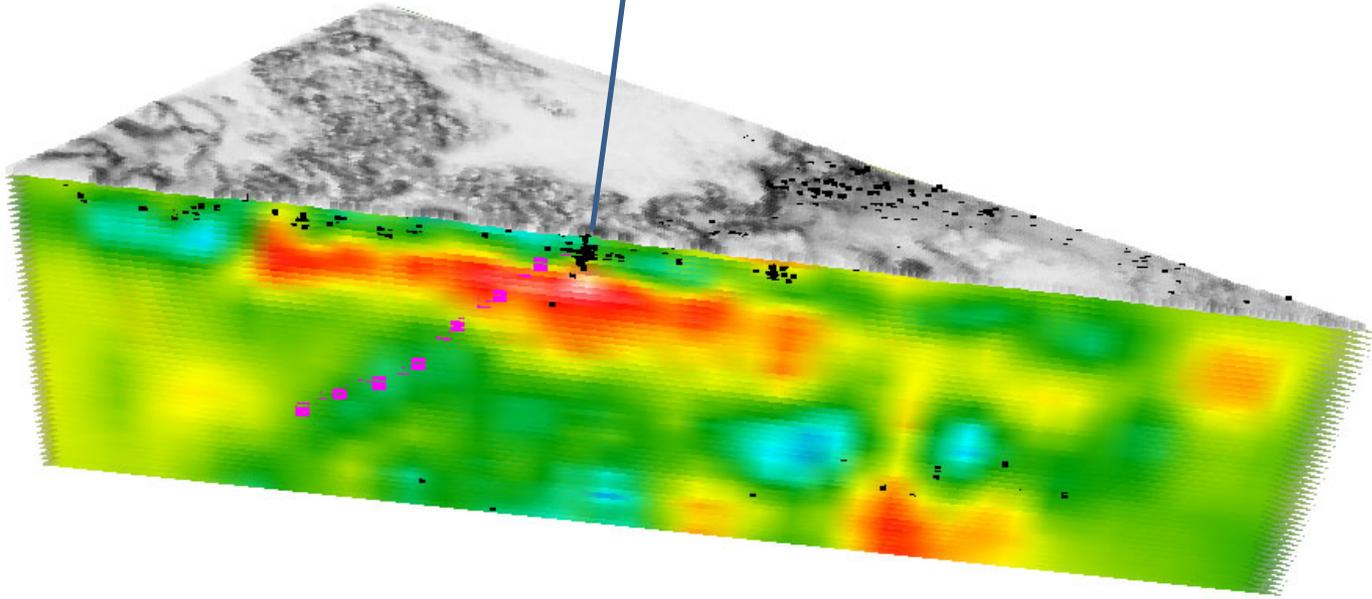


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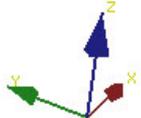
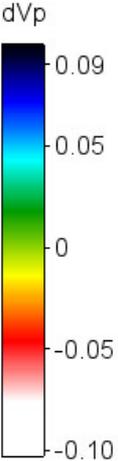


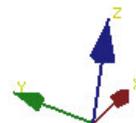
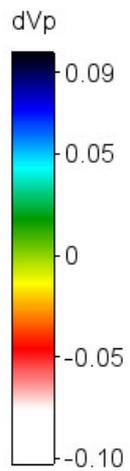
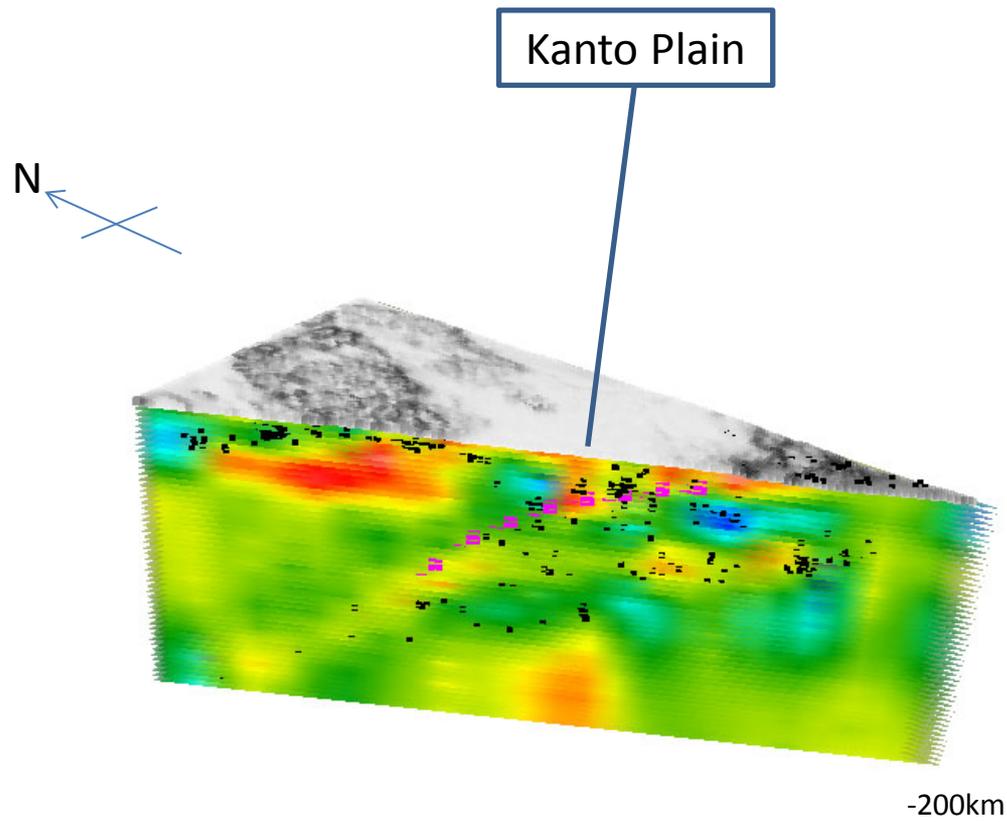
Mt. Fuji

N



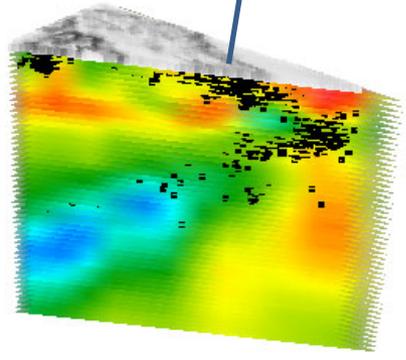
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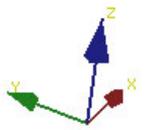
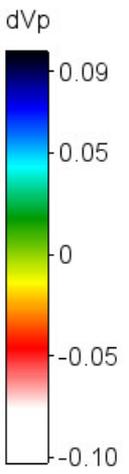


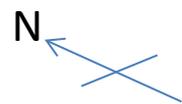
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Kita-ibaraki

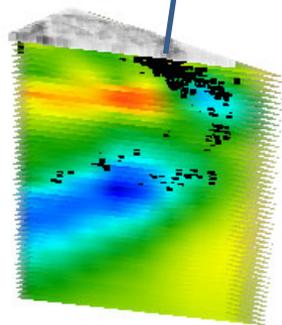


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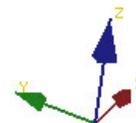
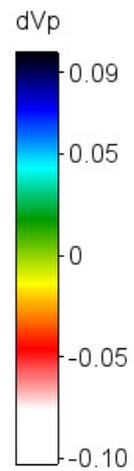


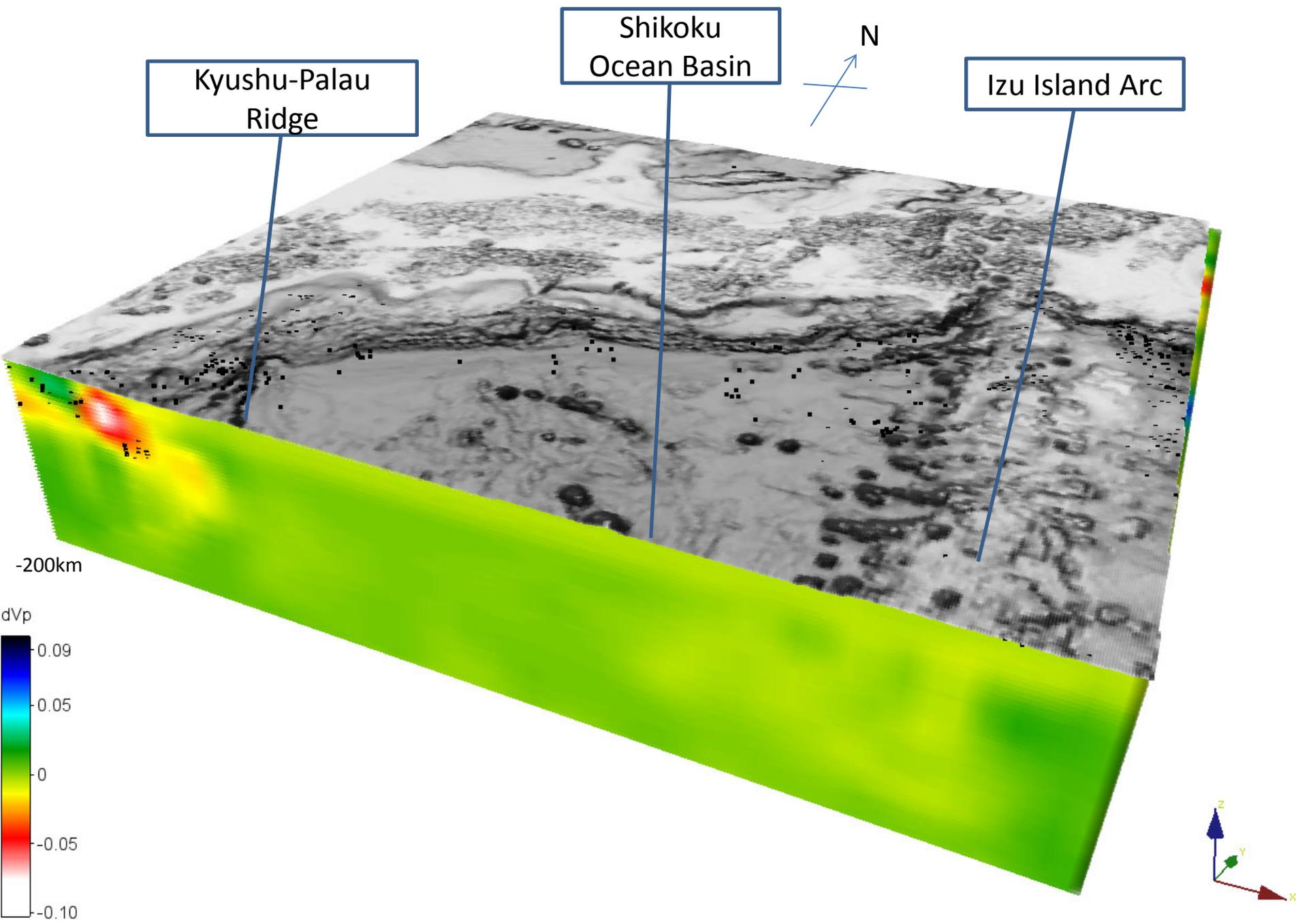


Iwaki



-200km





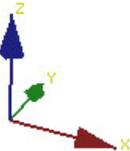
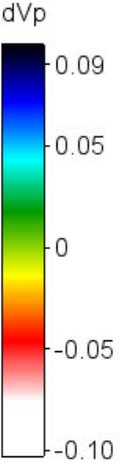
Kyushu-Palau  
Ridge

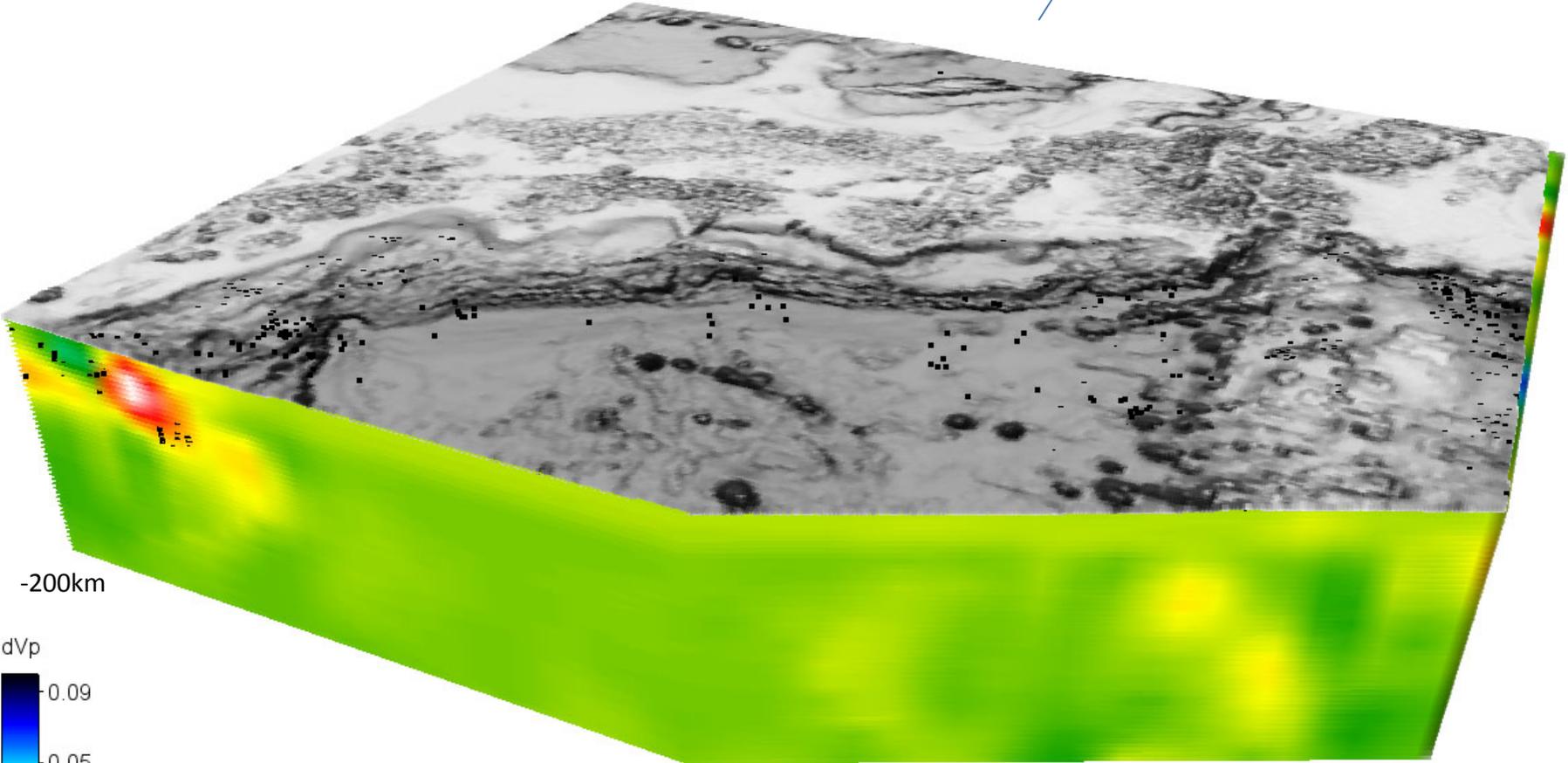
Shikoku  
Ocean Basin

Izu Island Arc

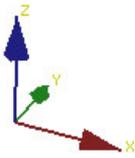
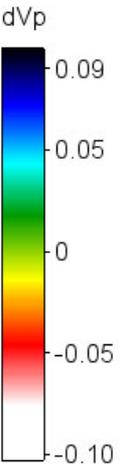


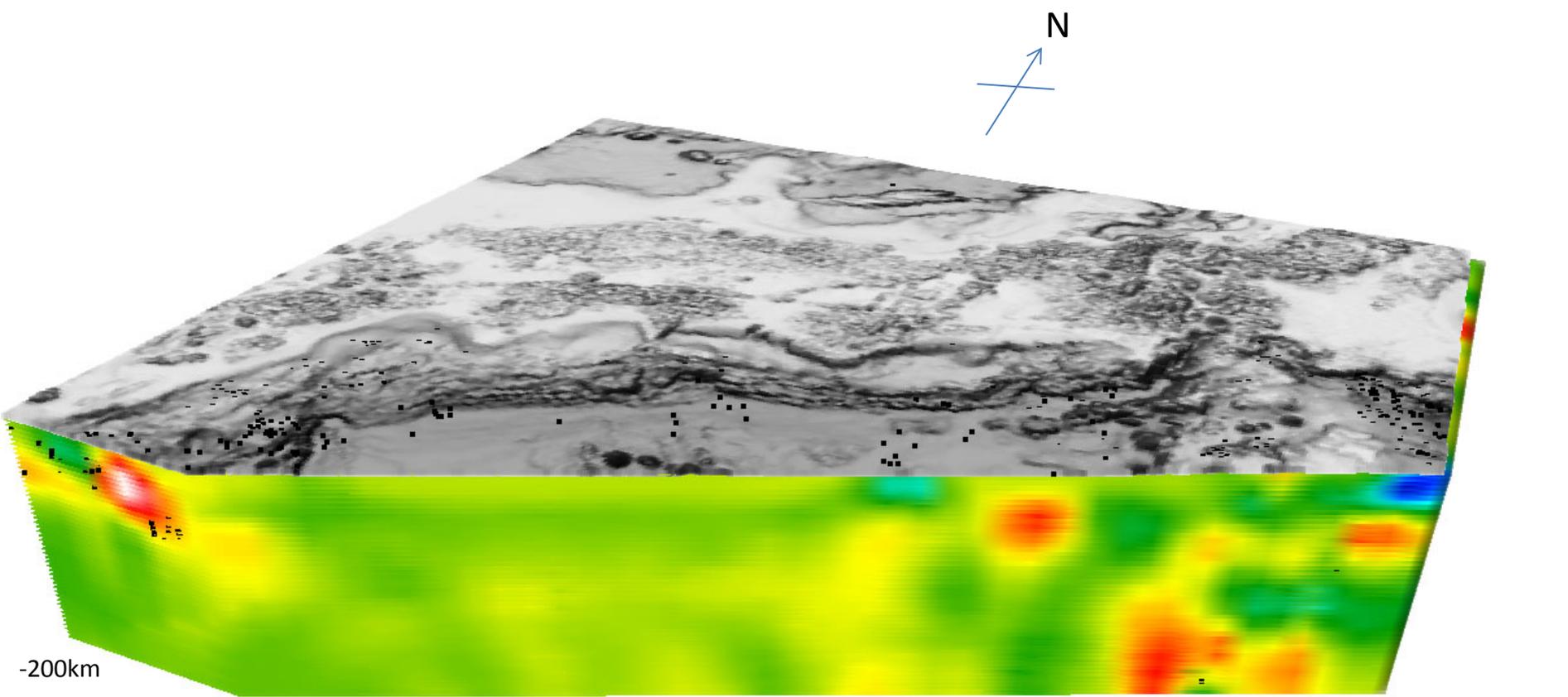
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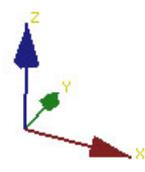
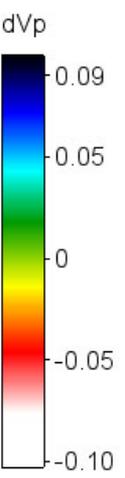


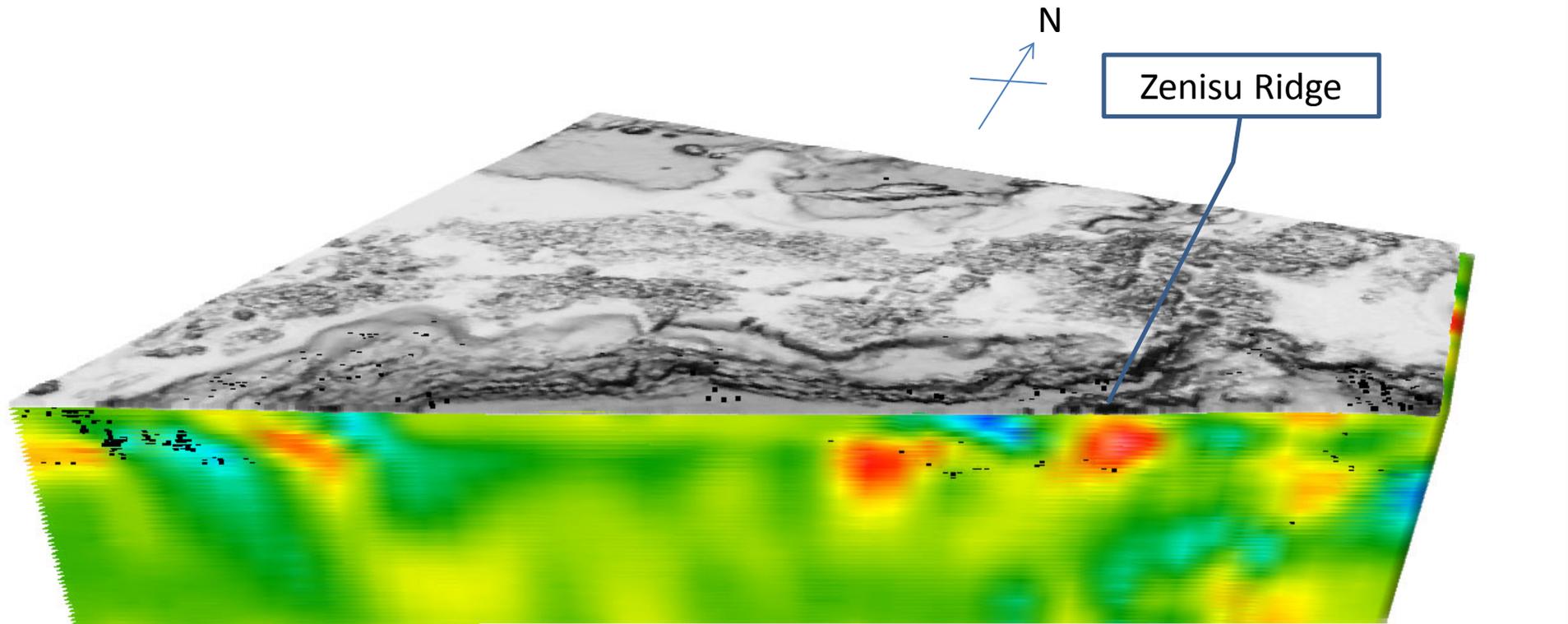
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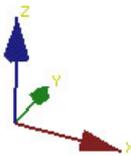
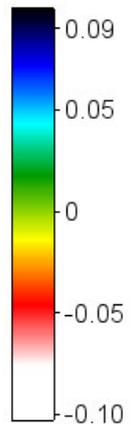
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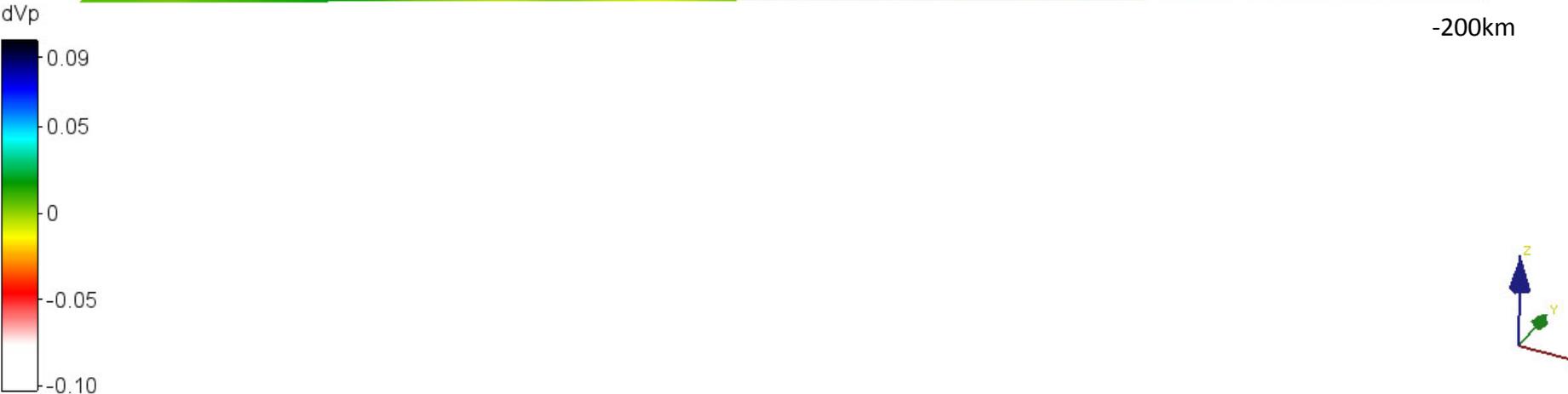
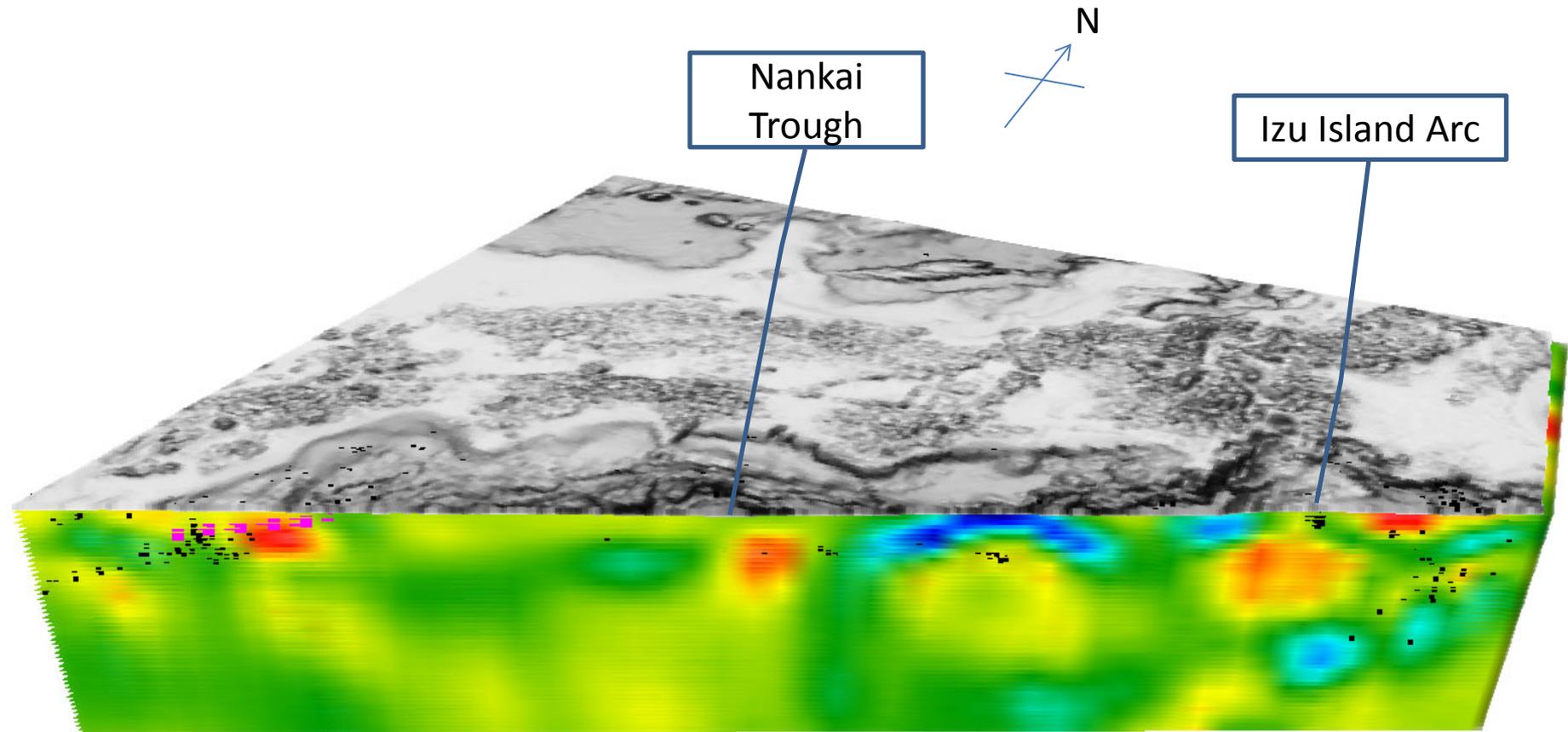


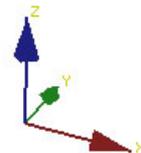
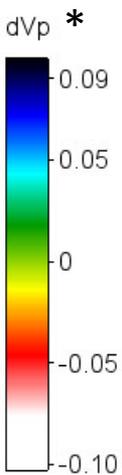
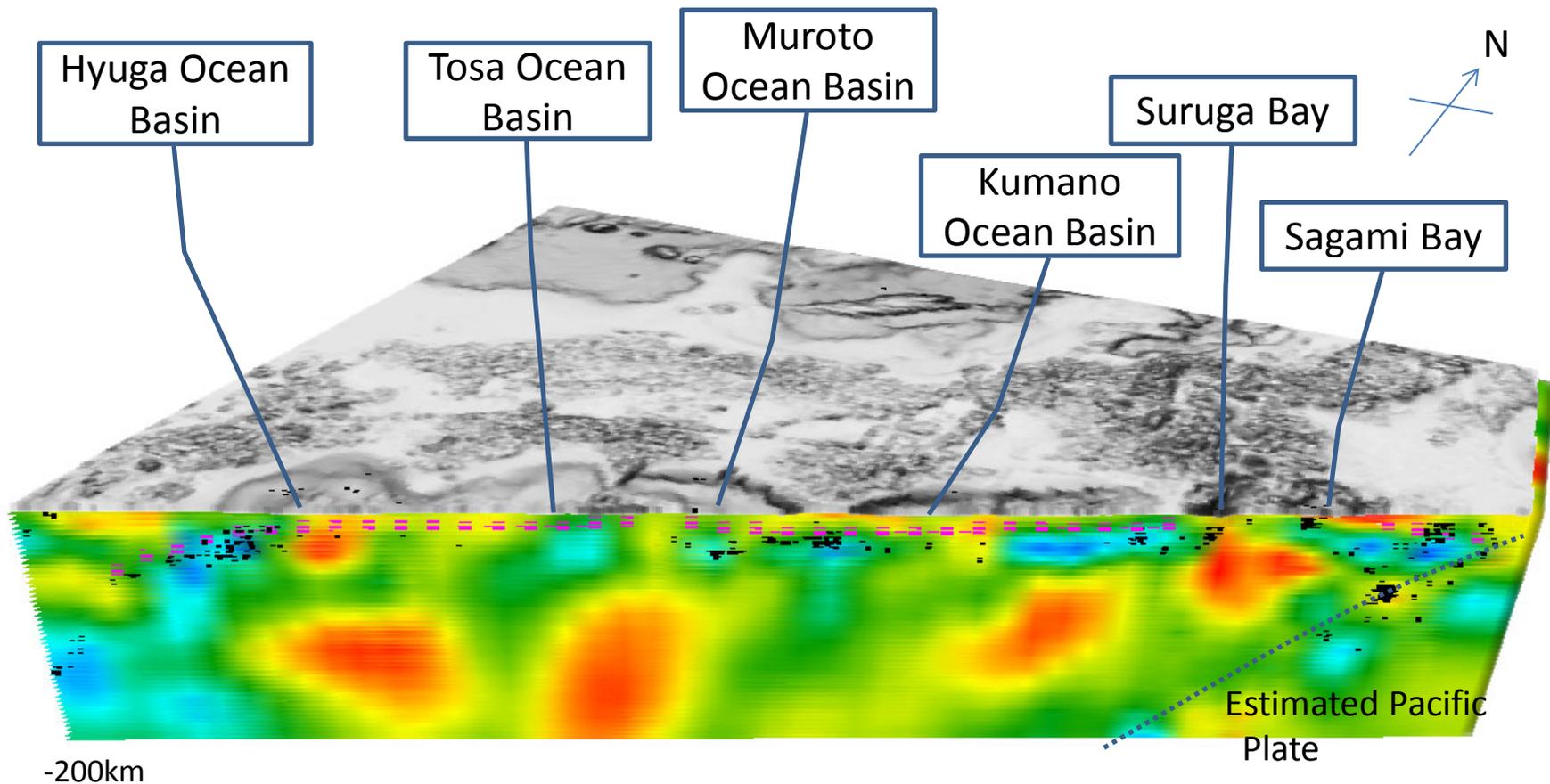


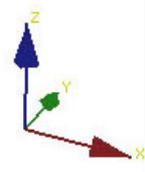
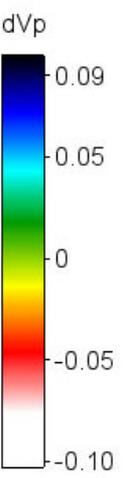
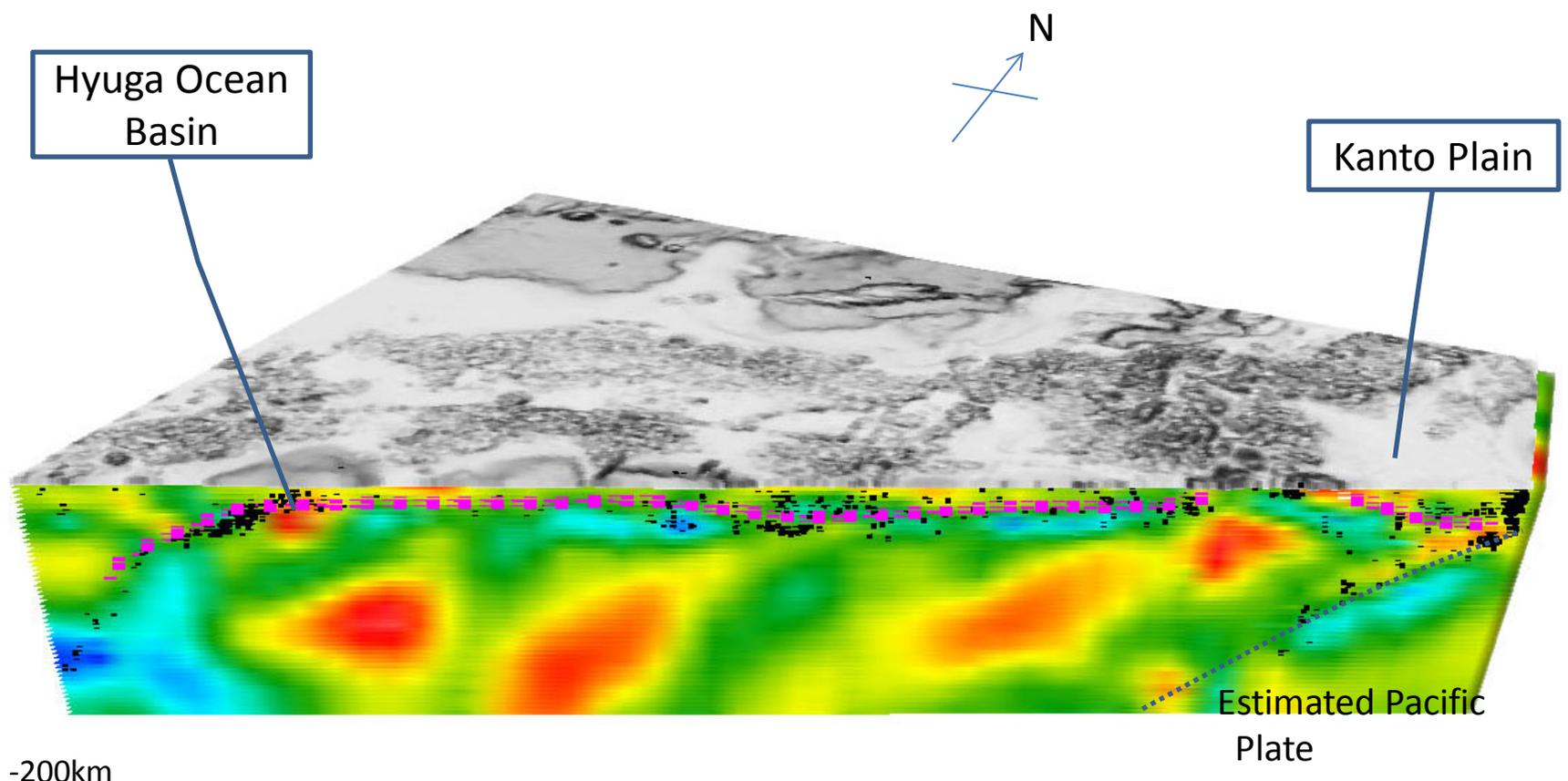
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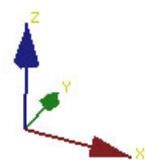
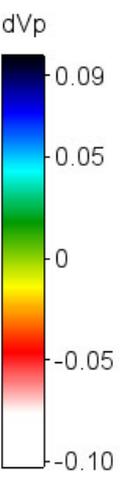
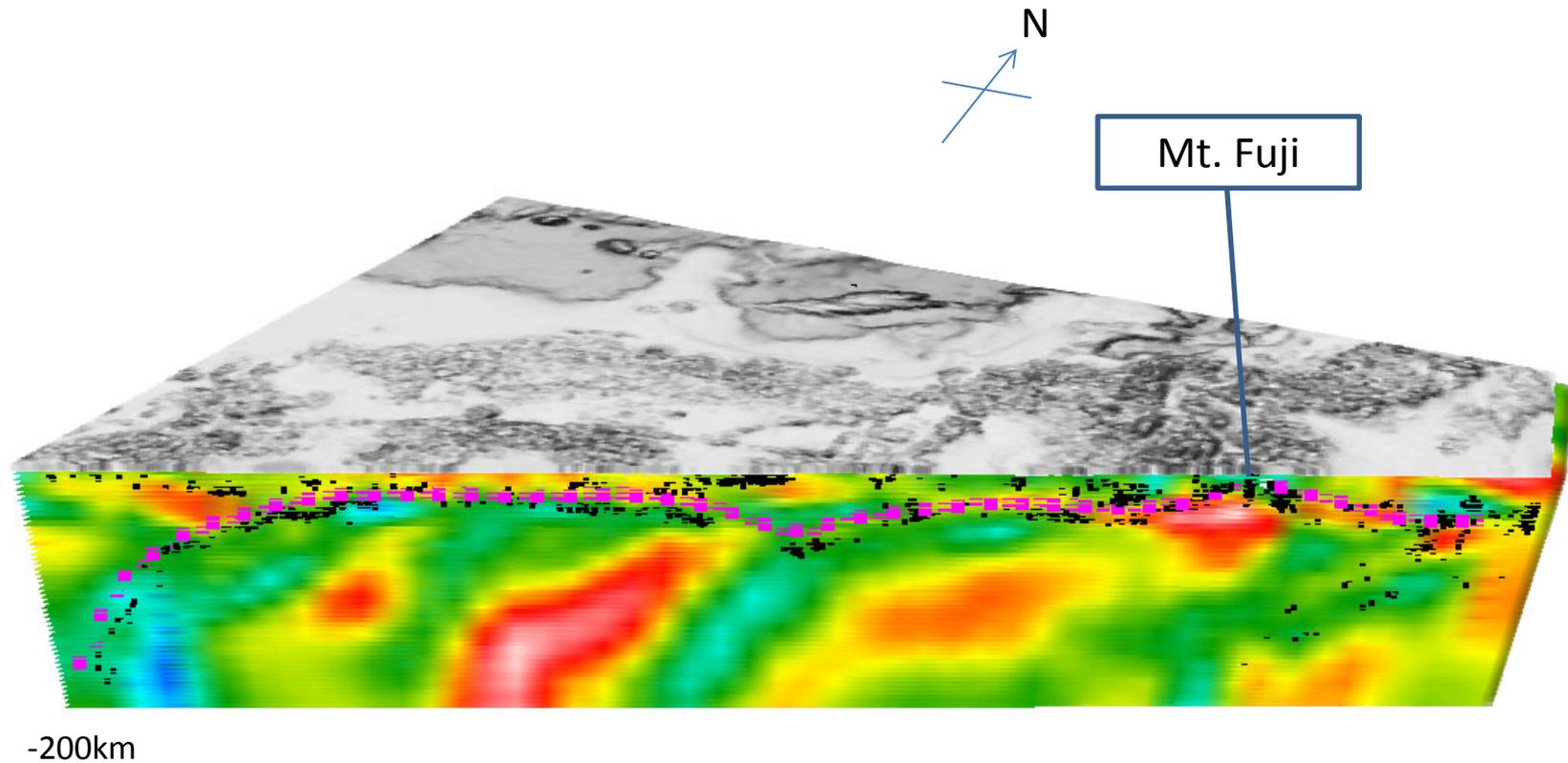
dVp

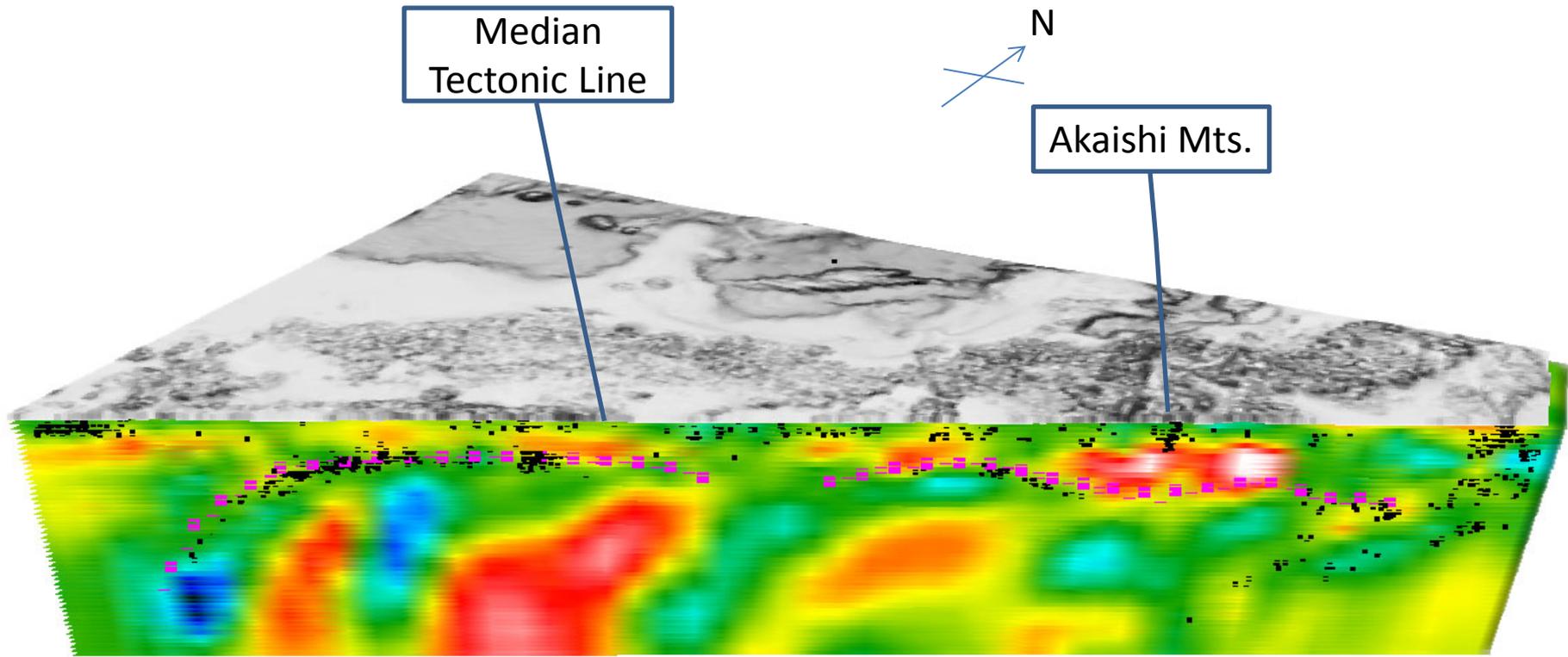




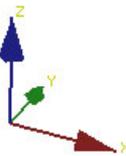
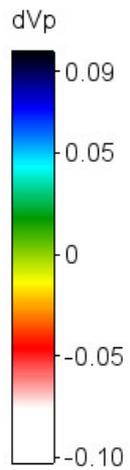


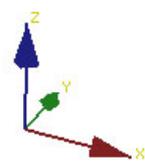
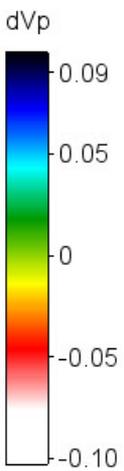
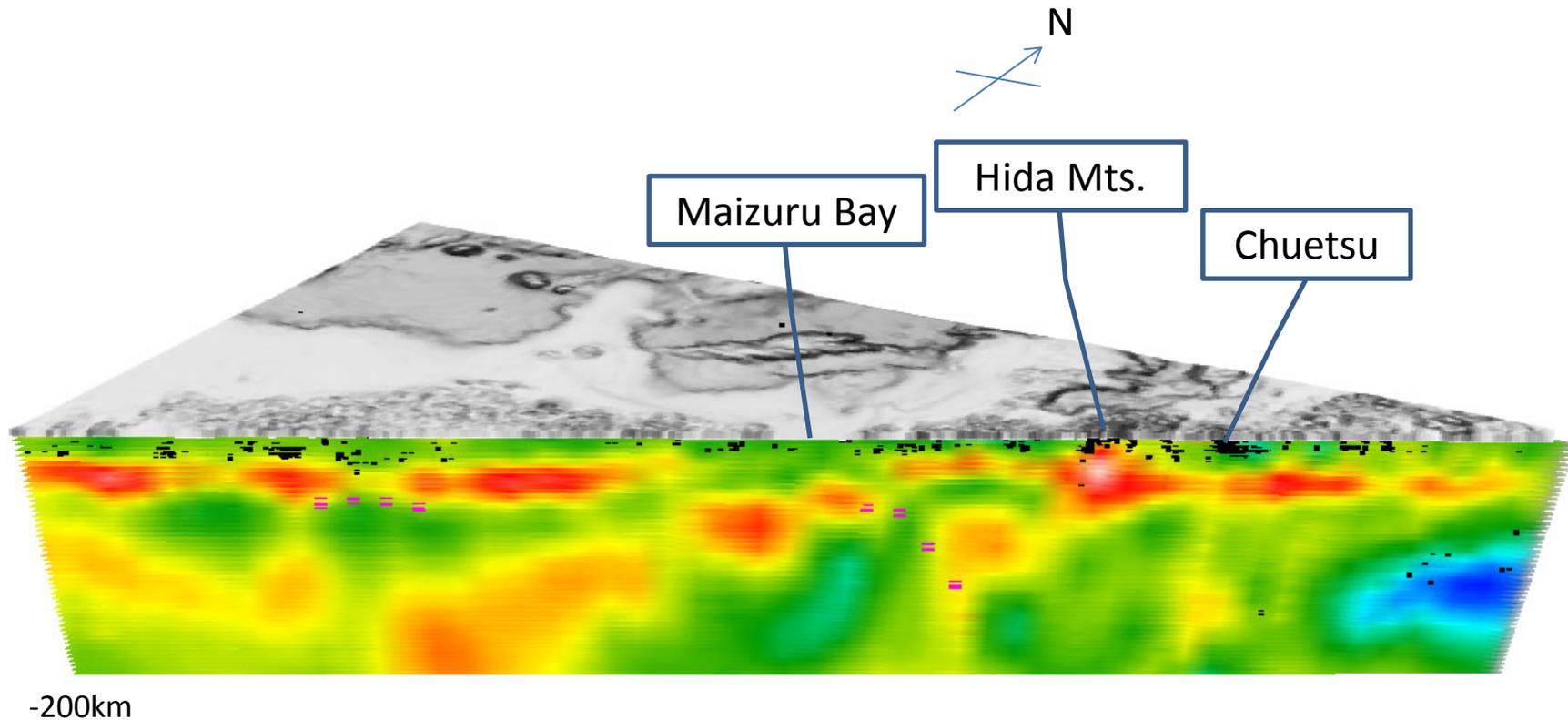


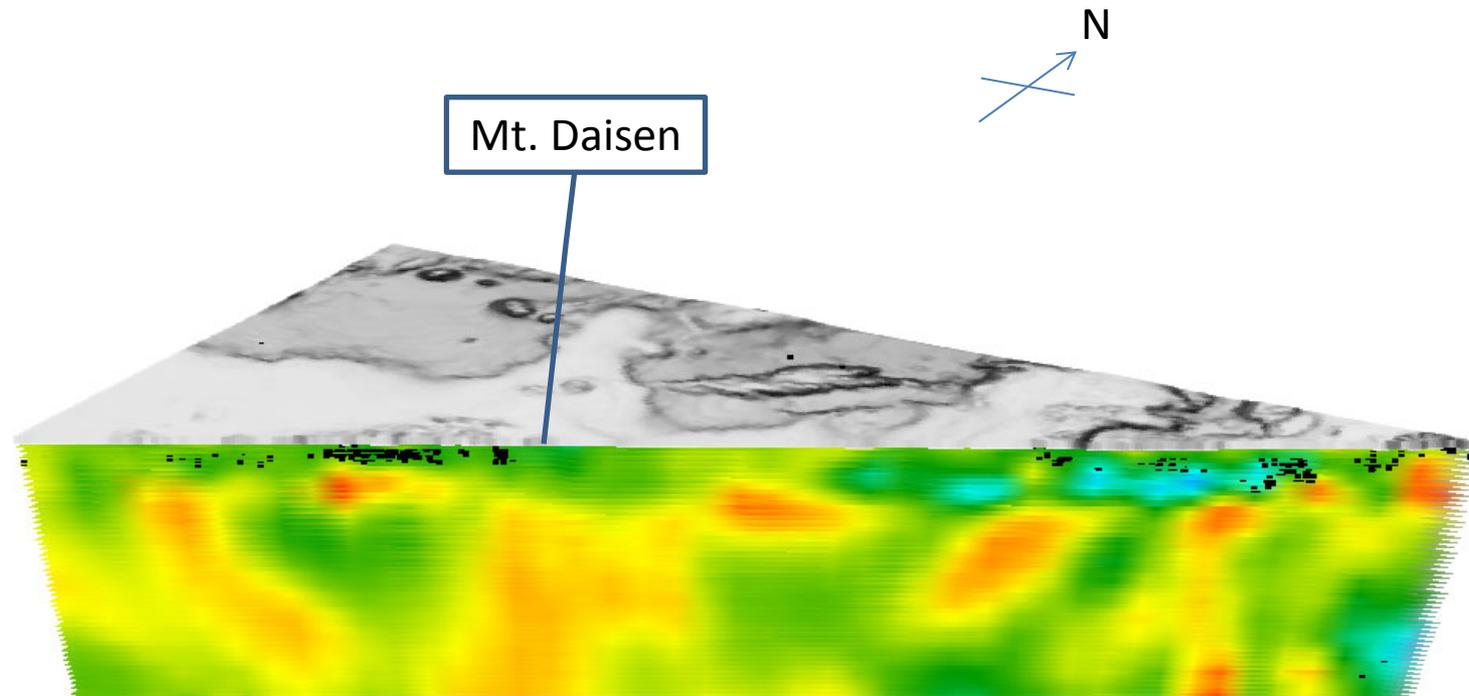




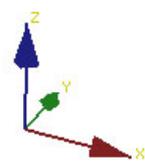
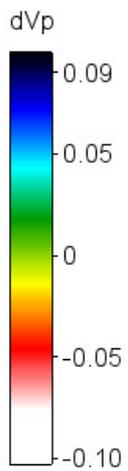
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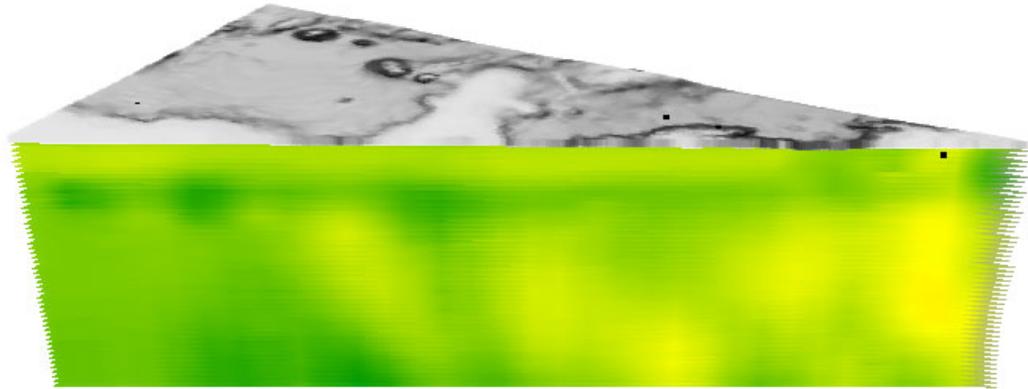




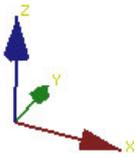
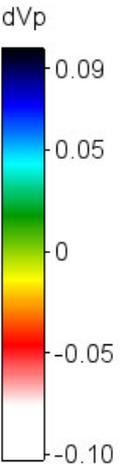


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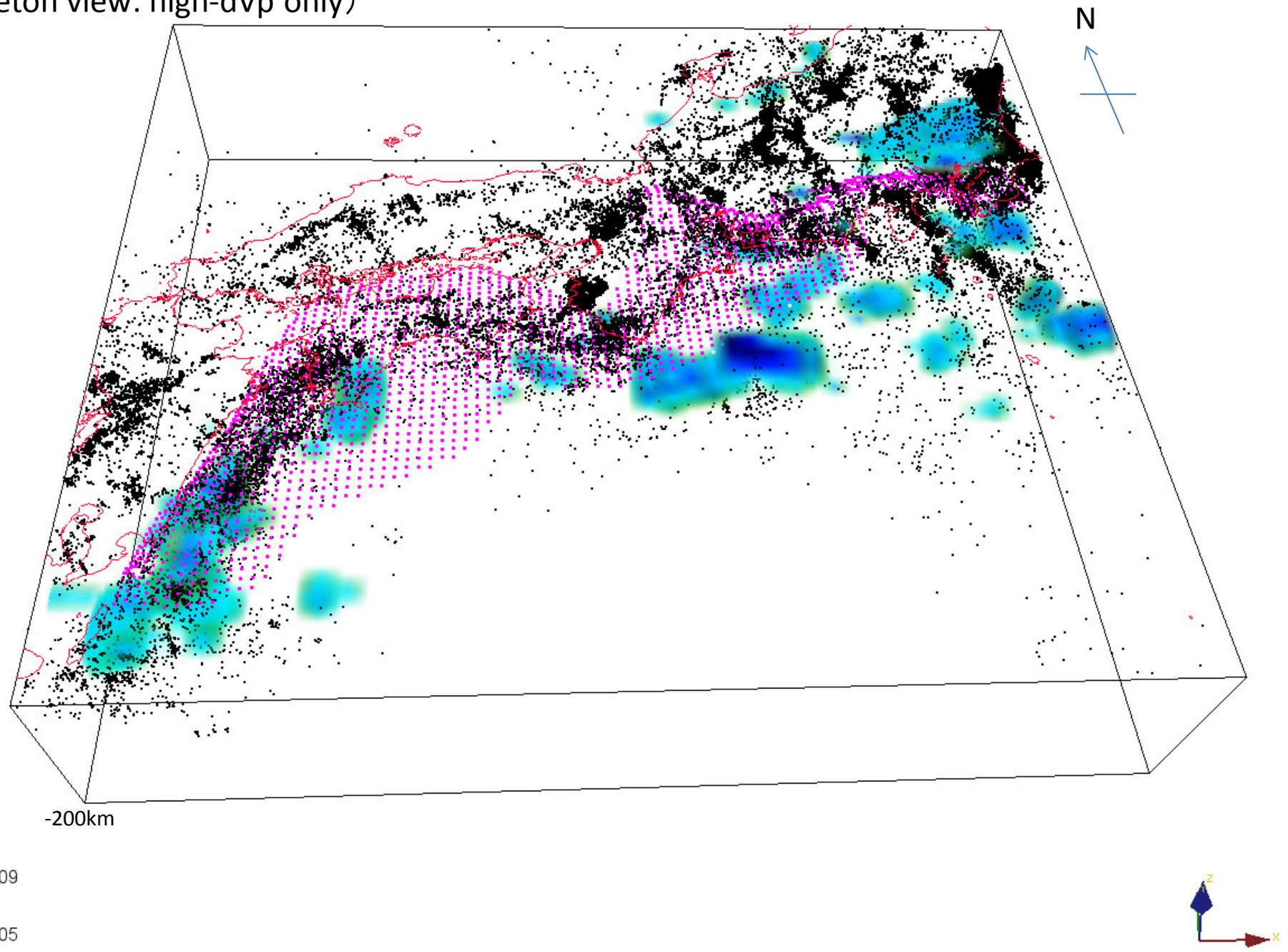


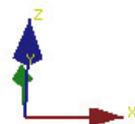
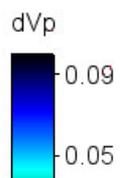
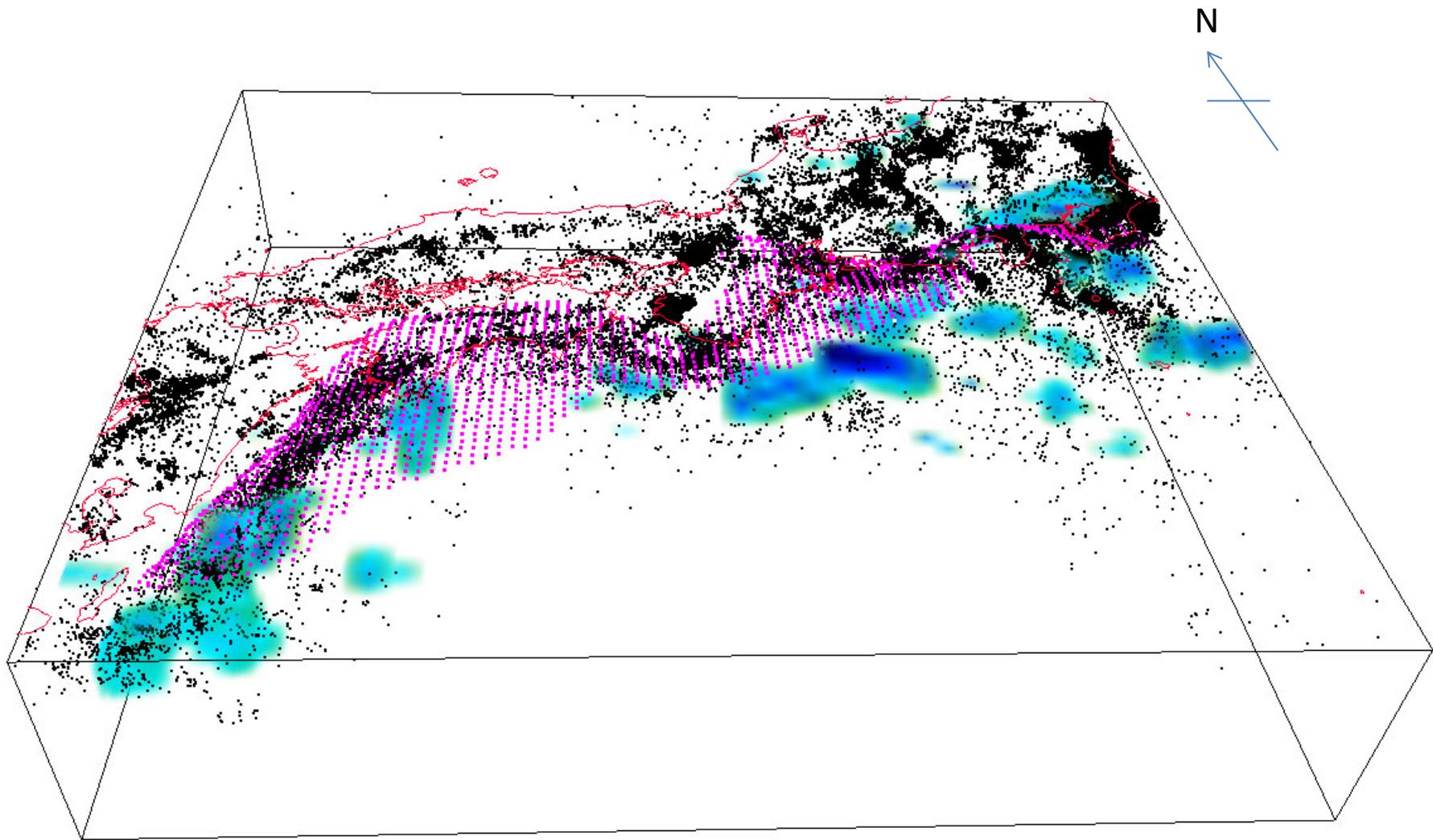


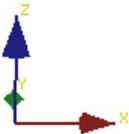
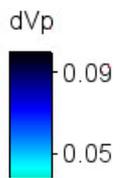
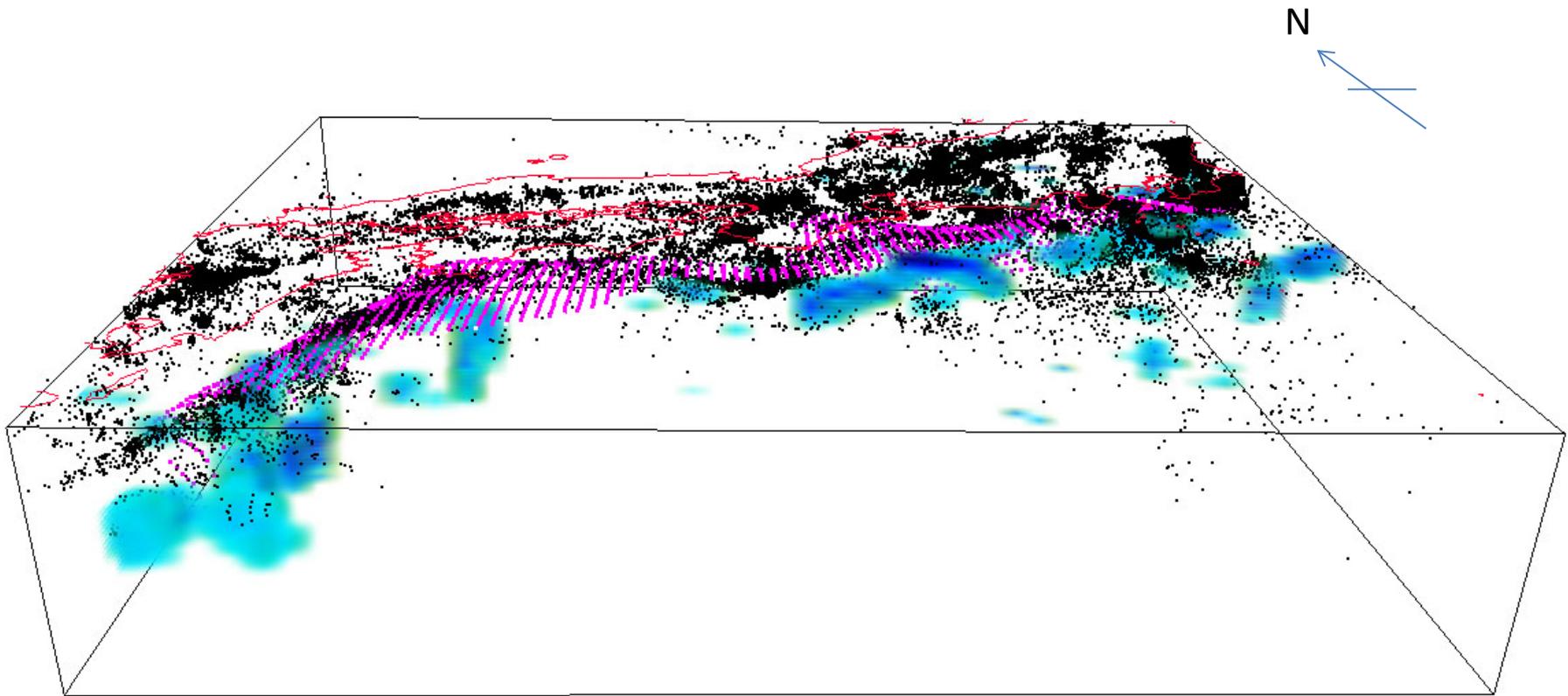
-200km



(skeleton view: high-dVp only)







(skeleton view: low-dVP only)

