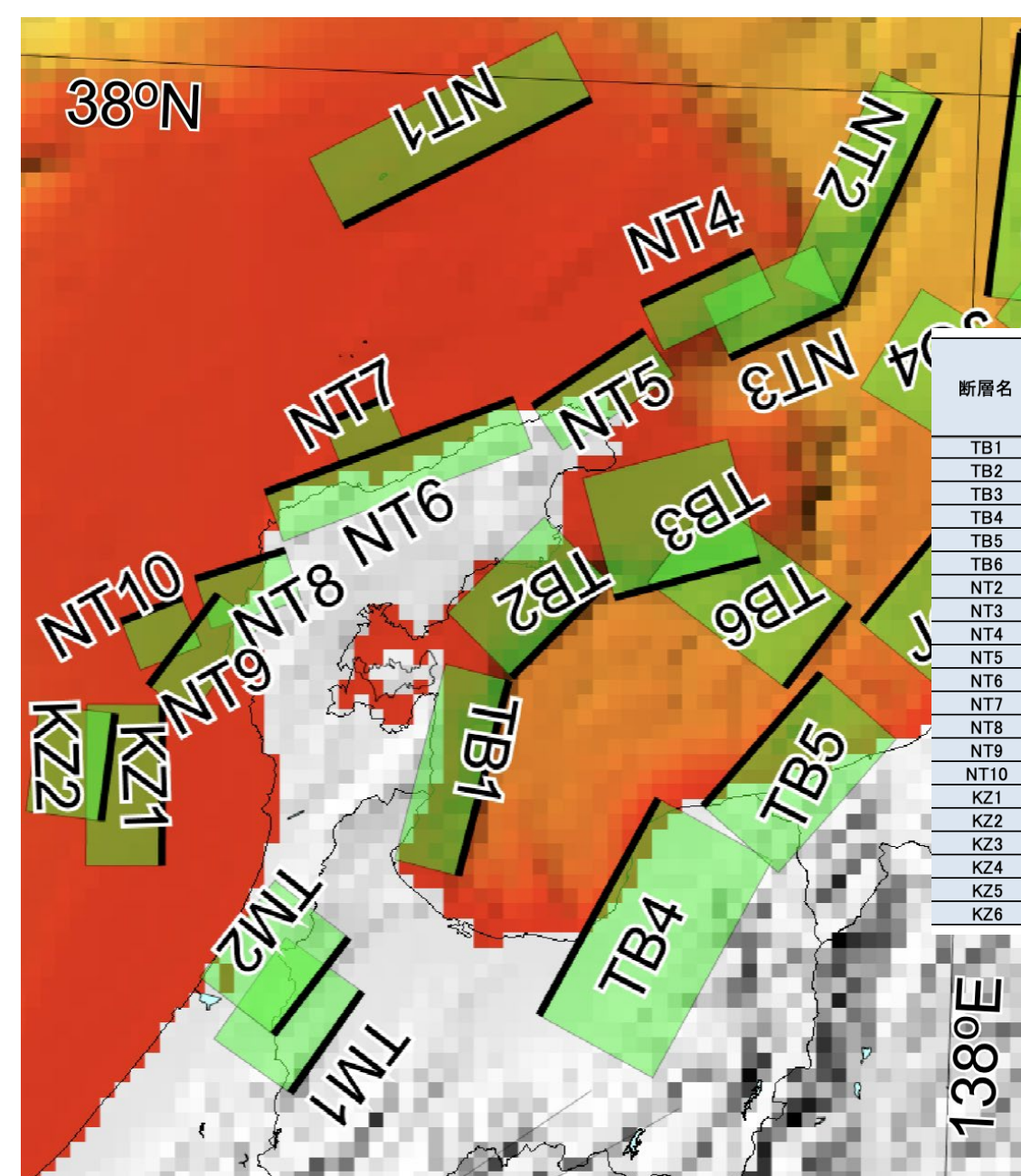


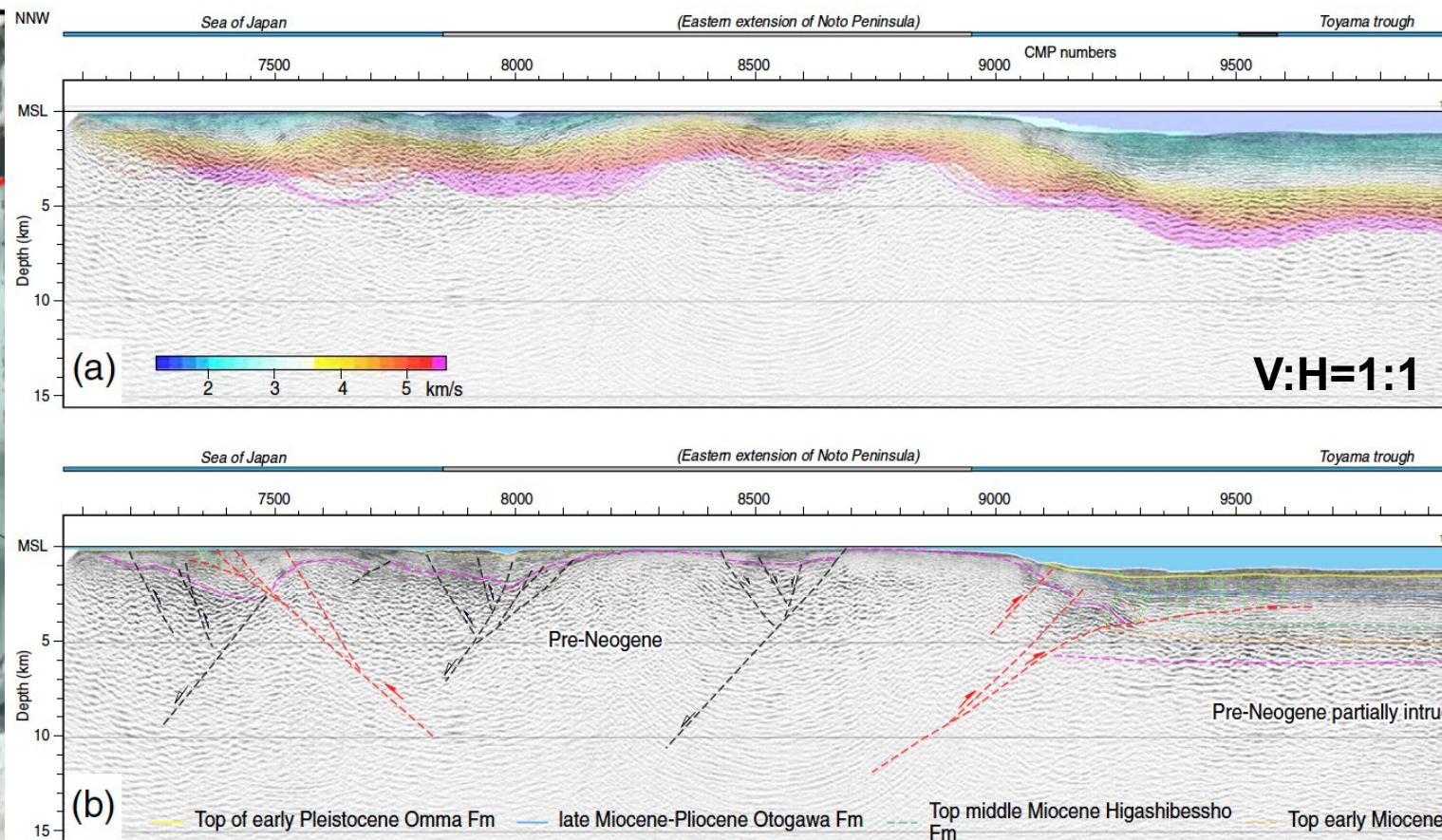
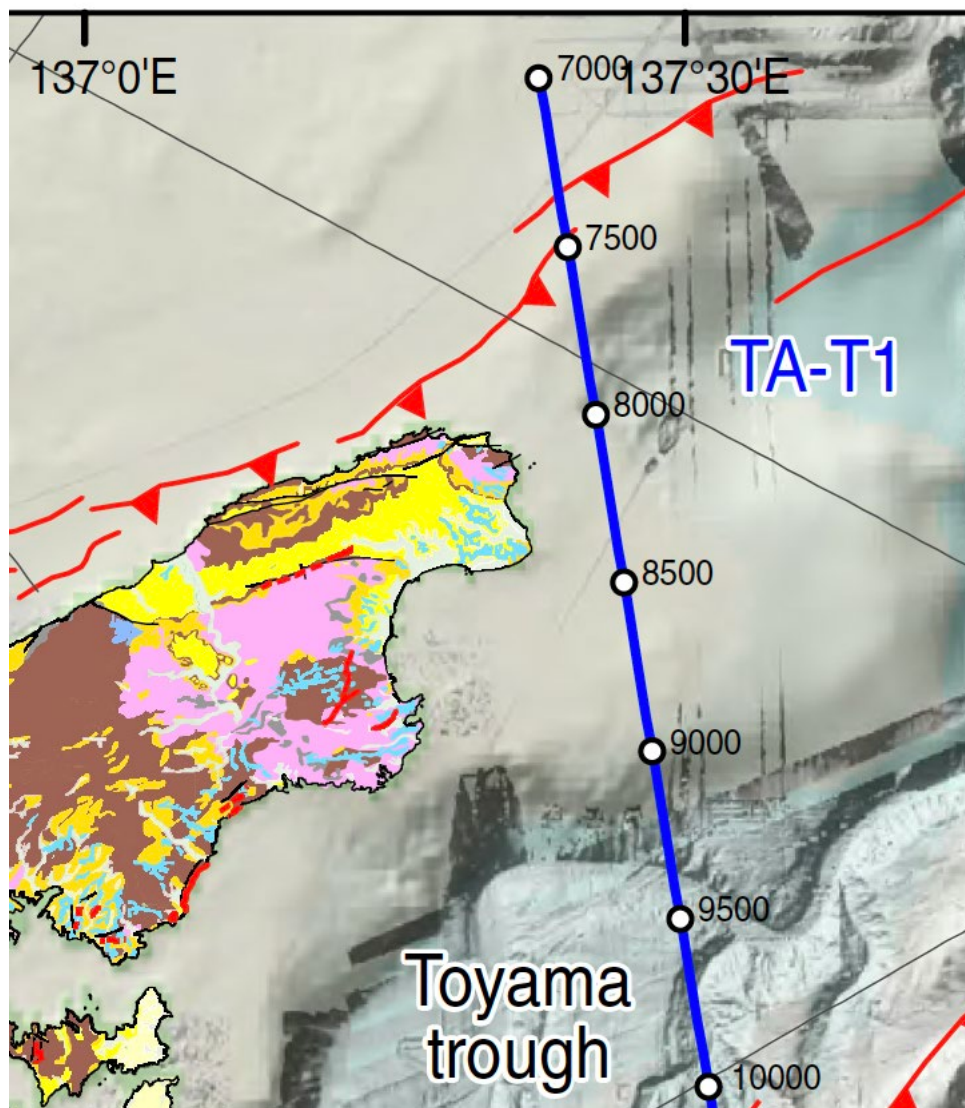
# 能登半島周辺の震源断層の矩形モデル



| 断層名  | 始点座標           |                | 終点座標           |                | 上端深さ<br>(km, TP-) | 走向<br>(度) | 傾斜<br>(度) | 断層長さ<br>(km) | 断層幅<br>(km) | 断層下<br>限深さ<br>(km) | すべり角<br>(度) | 断層タイプ | 確実性 |
|------|----------------|----------------|----------------|----------------|-------------------|-----------|-----------|--------------|-------------|--------------------|-------------|-------|-----|
|      | 緯度             | 経度             | 緯度             | 経度             |                   |           |           |              |             |                    |             |       |     |
|      | JGD2000<br>(度) | JGD2000<br>(度) | JGD2000<br>(度) | JGD2000<br>(度) |                   |           |           |              |             |                    |             |       |     |
| TB1  | 37.1303        | 137.1842       | 36.8450        | 137.1074       | 2.5               | 191       | 50        | 32.4         | 16.3        | 15                 | 55          | IBB   | A   |
| TB2  | 37.2795        | 137.3565       | 37.1353        | 137.1889       | 2.8               | 222       | 40        | 21.9         | 19.0        | 15                 | 95          | IBB   | A   |
| TB3  | 37.3195        | 137.6292       | 37.2557        | 137.3691       | 3.5               | 251       | 30        | 24.1         | 23.0        | 15                 | 120         | IBB   | B   |
| TB4  | 36.6482        | 137.2625       | 36.9683        | 137.4615       | 3.0               | 25        | 30        | 39.7         | 24.0        | 15                 | 50          | IBB   | B   |
| TB5  | 36.9595        | 137.5430       | 37.1579        | 137.7467       | 1.5               | 38        | 40        | 28.5         | 21.0        | 15                 | 76          | IBB   | B   |
| TB6  | 37.2594        | 137.7937       | 37.1353        | 137.6825       | 2.0               | 214       | 30        | 17.0         | 32.0        | 18                 | 94          | IF    | A   |
| NT2  | 37.9928        | 137.9269       | 37.6895        | 137.7640       | 2.5               | 201       | 50        | 36.6         | 16.3        | 15                 | 78          | IBB   | B   |
| NT3  | 37.6895        | 137.7640       | 37.6086        | 137.5618       | 2.3               | 242       | 50        | 20.0         | 16.6        | 15                 | 117         | IF    | B   |
| NT4  | 37.6808        | 137.3973       | 37.7642        | 137.5963       | 0.7               | 61        | 60        | 19.8         | 16.5        | 15                 | 122         | IF    | B   |
| NT5  | 37.5278        | 137.2075       | 37.6426        | 137.4050       | 0.2               | 52        | 60        | 21.6         | 17.1        | 15                 | 108         | IF    | A   |
| NT6  | 37.3867        | 136.7296       | 37.5366        | 137.1731       | 0.5               | 66        | 60        | 42.6         | 16.7        | 15                 | 124         | IF    | B   |
| NT7  | 37.4895        | 136.8300       | 37.5307        | 136.9397       | 0.1               | 64        | 65        | 10.7         | 16.4        | 15                 | 126         | IF    | A   |
| NT8  | 37.2569        | 136.6106       | 37.3045        | 136.7705       | 0.5               | 69        | 60        | 15.1         | 16.7        | 15                 | 128         | IF    | A   |
| NT9  | 37.1002        | 136.5354       | 37.2369        | 136.6530       | 0.5               | 34        | 60        | 18.4         | 16.7        | 15                 | 94          | IF    | A   |
| NT10 | 37.1905        | 136.4806       | 37.2294        | 136.5887       | 0.5               | 65        | 60        | 10.5         | 16.7        | 15                 | 125         | IF    | B   |
| KZ1  | 37.0738        | 136.5621       | 36.8412        | 136.5746       | 0.5               | 177       | 60        | 25.8         | 16.7        | 15                 | 42          | IF    | B   |
| KZ2  | 37.0575        | 136.4775       | 36.9016        | 136.4618       | 0.5               | 184       | 60        | 17.4         | 16.7        | 15                 | 52          | IF    | B   |
| KZ3  | 37.0719        | 136.2988       | 36.9764        | 136.1693       | 0.8               | 228       | 60        | 16.0         | 16.4        | 15                 | 131         | IF    | B   |
| KZ4  | 36.7516        | 136.0611       | 36.9595        | 136.1828       | 1.0               | 25        | 50        | 25.5         | 18.3        | 15                 | 95          | IF    | B   |
| KZ5  | 37.0155        | 135.5071       | 37.0549        | 135.8180       | 1.0               | 81        | 60        | 28.0         | 14.7        | 15                 | 215         | IF    | B   |
| KZ6  | 36.4959        | 136.0230       | 36.6778        | 136.2023       | 0.7               | 38        | 55        | 25.8         | 17.5        | 15                 | 122         | IF    | B   |

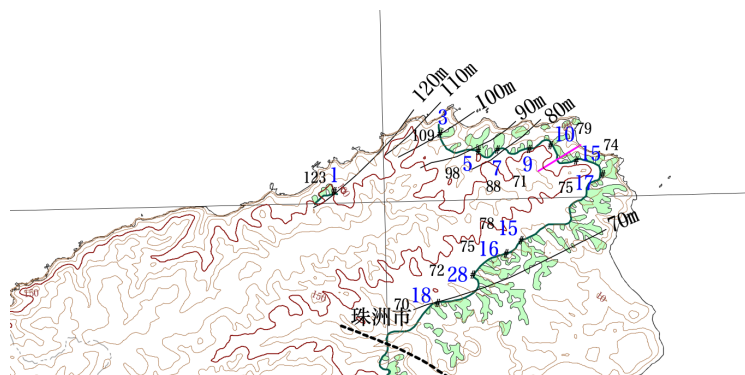
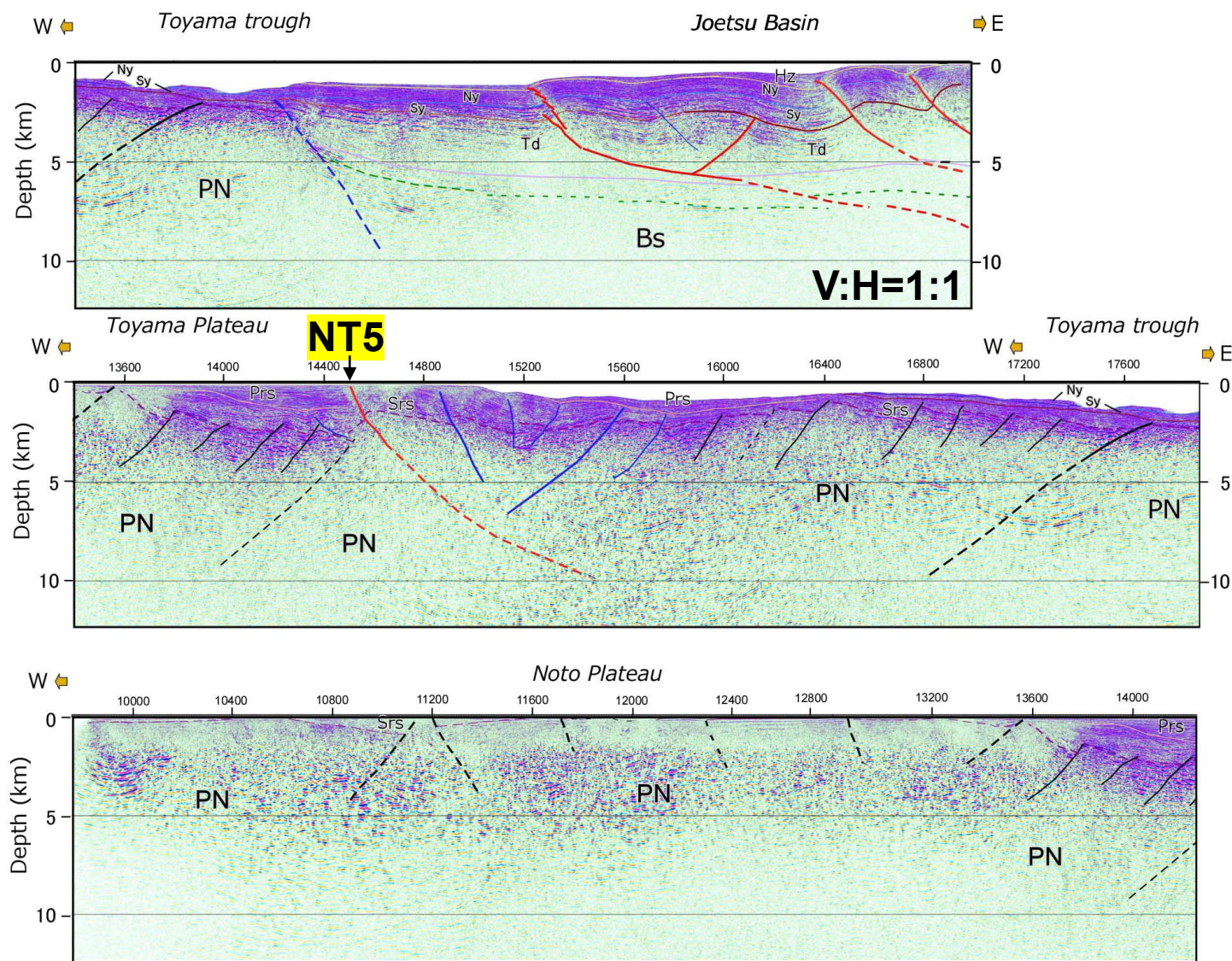
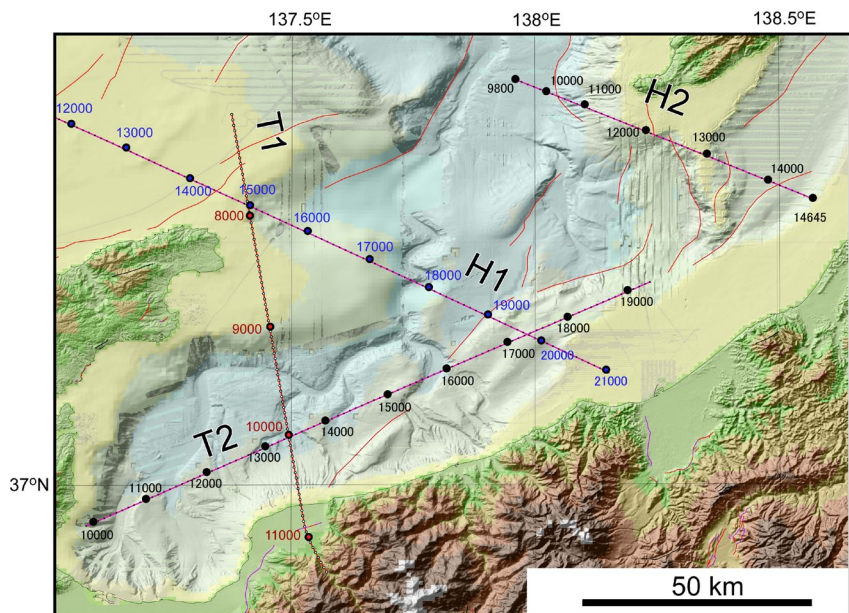
IBB: 反転した背弧リフト境界 (IBB: Inverted backarc-rift boundary) 背弧の大陸地殻内に形成されたリフト境界  
 IF: 反転した大陸地殻内断層(Inverted fault in the stretched continental crust)

# 能登半島東方沖の地殻構造探査断面



上: P波速度構造 下: 反射法地震探査断面 Ishiyama et al. (2017)

**NE-SW~ENE-WSE方向の日本海形成期の正断層が、その後の短縮変形により、横ずれ成分を有する逆断層として活動.**



「海成段丘アトラス」による5eの高度

H1測線の反射法地震探査断面と解釈（上から，南東部・中央部・北西部）  
（日本海PJ成果報告書H25）