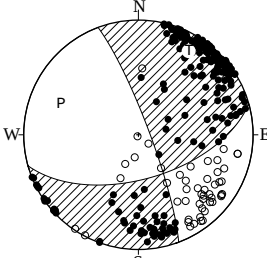


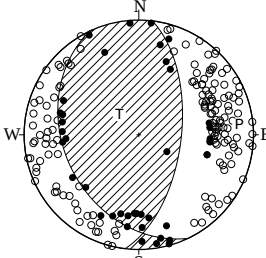
NODAL PLANE SOLUTIONS FOR EARTHQUAKES IN DECEMBER, 2004

01 DEC. 2004 10:32:42.1
NORTHERN MIYAGI PREF
38°54.5'N 141°37.7'E
H: 76KM M:4.2



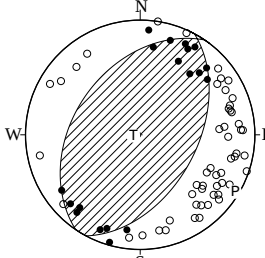
STR DIP SLIP AZM PLG
NP1 74° 58' -171° P 292° 28'
NP2 339° 82' -32° T 31° 16'
N:256 SCORE 99% N 147° 57'

01 DEC. 2004 23:30:23.4
KYOTO OSAKA BORDER REG
35°02.3'N 135°48.6'E
H: 13KM M:4.0



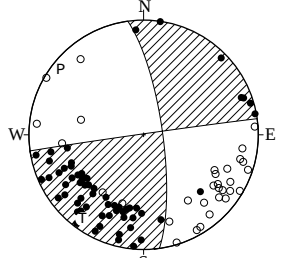
STR DIP SLIP AZM PLG
NP1 155° 35' 63° P 84° 13'
NP2 7° 60' 108° T 316° 70'
N:194 SCORE 93% N 178° 15'

02 DEC. 2004 03:47:54.5
MID NIIGATA PREF
37°23.1'N 139°02.4'E
H: 4KM M:3.2



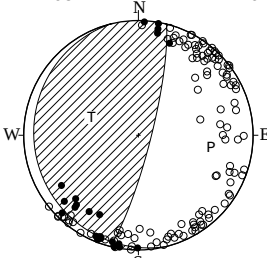
STR DIP SLIP AZM PLG
NP1 214° 41' 95° P 121° 4'
NP2 28° 49' 86° T 264° 85'
N:72 SCORE 96% N 31° 3'

03 DEC. 2004 06:11:08.8
NORTHERN HYOGO PREF
35°29.3'N 134°29.9'E
H: 9KM M:3.4



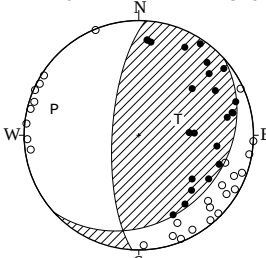
STR DIP SLIP AZM PLG
NP1 352° 76' 1° P 308° 9'
NP2 262° 89' 166° T 216° 10'
N:91 SCORE 97% N 79° 76'

06 DEC. 2004 04:45:30.8
E OFF AOMORI PREF
41°29.4'N 142°03.4'E
H: 65KM M:4.6



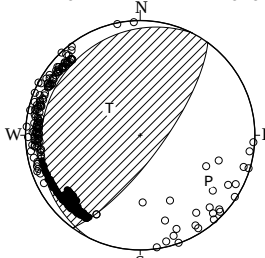
STR DIP SLIP AZM PLG
NP1 166° 10' 62° P 100° 36'
NP2 14° 81' 95° T 290° 54'
N:139 SCORE 93% N 193° 5'

06 DEC. 2004 07:41:40.9
E OFF IBARAKI PREF
36°22.6'N 140°55.5'E
H: 46KM M:3.6



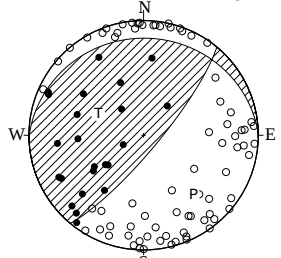
STR DIP SLIP AZM PLG
NP1 48° 26' 132° P 287° 24'
NP2 183° 71' 72° T 68° 60'
N:50 SCORE 100% N 189° 17'

06 DEC. 2004 23:15:11.8
OFF NEMURO PENINSULA
42°50.8'N 145°20.5'E
H: 46KM M:6.9



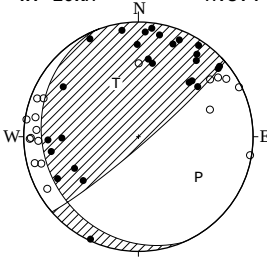
STR DIP SLIP AZM PLG
NP1 207° 16' 81° P 124° 29'
NP2 36° 44' 93° T 310° 61'
N:309 SCORE 100% N 215° 3'

07 DEC. 2004 07:38:10.5
SW IBARAKI PREF
36°04.0'N 139°52.4'E
H: 47KM M:3.4



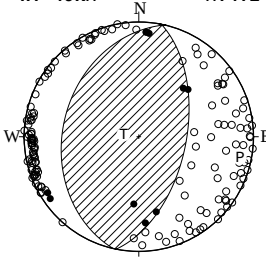
STR DIP SLIP AZM PLG
NP1 262° 16' 138° P 140° 33'
NP2 40° 79' 78° T 295° 54'
N:99 SCORE 99% N 42° 12'

07 DEC. 2004 14:23:32.8
BUNGO CHANNEL
32°51.4'N 132°25.2'E
H: 10KM M:3.4



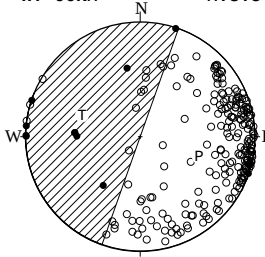
STR DIP SLIP AZM PLG
NP1 157° 18' 19° P 124° 37'
NP2 49° 84' 107° T 337° 48'
N:44 SCORE 98% N 227° 17'

09 DEC. 2004 02:15:23.6
E OFF IBARAKI PREF
36°38.3'N 140°56.0'E
H: 49KM M:4.2



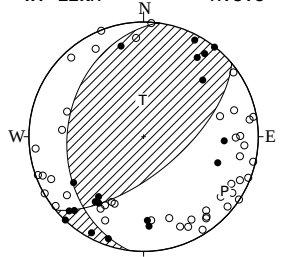
STR DIP SLIP AZM PLG
NP1 193° 34' 91° P 102° 11'
NP2 11° 56' 89° T 278° 79'
N:161 SCORE 99% N 12° 1'

09 DEC. 2004 22:33:45.6
NORTHERN CHIBA PREF
35°44.4'N 140°12.3'E
H: 66KM M:3.5



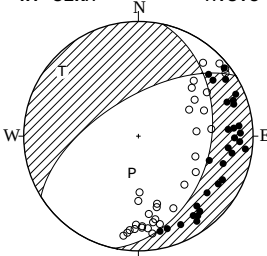
STR DIP SLIP AZM PLG
NP1 110° 0' 1° P 109° 45'
NP2 20° 90' 90° T 290° 45'
N:225 SCORE 95% N 20° 0'

10 DEC. 2004 16:22:56.6
MID NIIGATA PREF
37°18.0'N 138°49.5'E
H: 12KM M:3.5



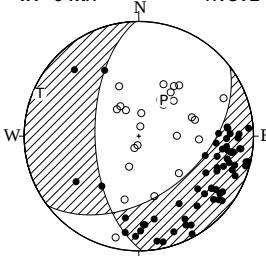
STR DIP SLIP AZM PLG
NP1 187° 34' 52° P 124° 16'
NP2 50° 64' 112° T 358° 64'
N:64 SCORE 92% N 220° 20'

11 DEC. 2004 05:29:32.9
E OFF FUKUSHIMA PREF
37°44.7'N 141°35.7'E
H: 81KM M:3.5



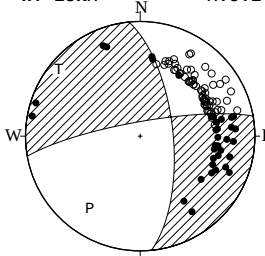
STR DIP SLIP AZM PLG
NP1 12° 37' -130° P 190° 63'
NP2 238° 63' -65° T 310° 14'
N:63 SCORE 98% N 46° 22'

12 DEC. 2004 01:45:54.9
SOUTHERN BOSO PENINSULA
35°20.8'N 140°09.8'E
H: 64KM M:3.2



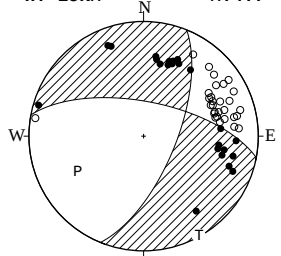
STR DIP SLIP AZM PLG
NP1 53° 46' -46° P 35° 59'
NP2 178° 59' -126° T 293° 7'
N:86 SCORE 100% N 199° 30'

12 DEC. 2004 14:28:43.3
SW OFF KYUSHU
31°46.0'N 129°10.8'E
H: 15KM M:5.1



STR DIP SLIP AZM PLG
NP1 354° 67' -169° P 215° 24'
NP2 260° 80' -24° T 309° 9'
N:99 SCORE 97% N 58° 64'

12 DEC. 2004 15:58:22.1
SW OFF KYUSHU
31°45.5'N 129°10.1'E
H: 15KM M:4.7



STR DIP SLIP AZM PLG
NP1 281° 65' -26° P 242° 35'
NP2 22° 67' -153° T 151° 1'
N:52 SCORE 100% N 60° 55'

EQUAL AREA PROJECTION , LOWER HEMISPHERE.

AZM:AZIMUTH OF PRESSURE(P),TENSION(T),NULL(N)-AXIS , MEASURED CLOCKWISE FROM NORTH.

PLG:PLUNGE OF P,T,N-AXIS , MEASURED DOWN FROM THE HORIZONTAL PLANE.

STR:STRIKE OF NODAL PLANE (NP1,NP2), MEASURED CLOCKWISE FROM NORTH.

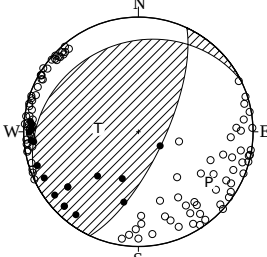
DIP:DIP OF NODAL PLANE , MEASURED DOWN FROM THE HORIZONTAL PLANE.

SLIP:SLIP DIRECTION OF THE HANGING WALL RELATIVE TO THE FOOT WALL , MEASURED COUNTERCLOCKWISE FROM THE STRIKE DIRECTION.

N:DATA NUMBER.

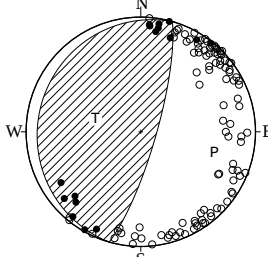
SCORE:RATIO OF THE CONSISTENT DATA NUMBER TO THE TOTAL DATA NUMBER.

13 DEC. 2004 00:31:43.3
OFF NEMURO PENINSULA
42°56.8'N 144°59.6'E
H: 52KM M:4.1



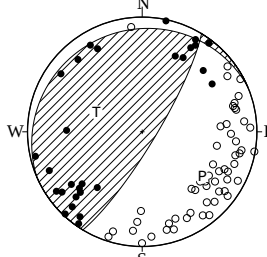
STR DIP SLIP AZM PLG
NP1 243° 23' 126° P 126° 25'
NP2 25° 71' 76° T 274° 61'
N:118 SCORE 96% N 30° 13'

13 DEC. 2004 04:41:38.3
E OFF AOMORI PREF
41°29.2'N 142°01.2'E
H: 63KM M:4.2



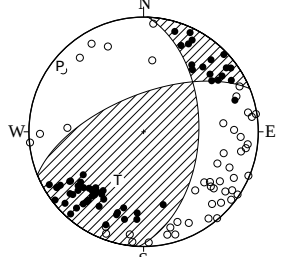
STR DIP SLIP AZM PLG
NP1 196° 11' 90° P 106° 34'
NP2 16° 79' 90° T 286° 56'
N:118 SCORE 97% N 16° 0'

13 DEC. 2004 19:16:36.6
MID NIIGATA PREF
37°23.2'N 138°59.7'E
H: 5KM M:3.3



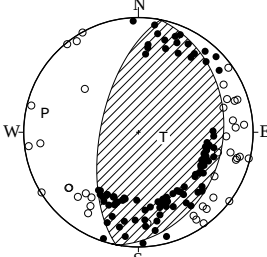
STR DIP SLIP AZM PLG
NP1 247° 12' 125° P 127° 35'
NP2 31° 80' 83° T 293° 54'
N:82 SCORE 96% N 32° 7'

14 DEC. 2004 05:55:36.2
MID NIIGATA PREF
37°20.2'N 139°01.6'E
H: 9KM M:3.7



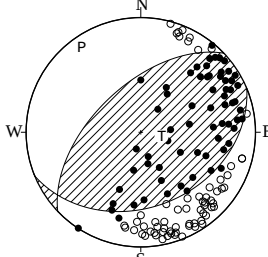
STR DIP SLIP AZM PLG
NP1 2° 50' 35° P 308° 8'
NP2 248° 64' 134° T 208° 50'
N:105 SCORE 95% N 44° 39'

14 DEC. 2004 14:56:10.5
RUMOI REGION
44°04.6'N 141°41.9'E
H: 9KM M:6.1



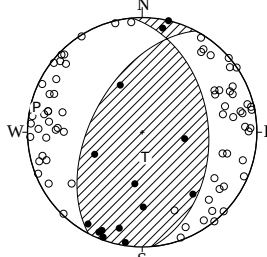
STR DIP SLIP AZM PLG
NP1 11° 27' 89° P 281° 18'
NP2 191° 63' 90° T 102° 72'
N:139 SCORE 94% N 11° 0'

14 DEC. 2004 18:20:30.2
NORTHERN MIYAGI PREF
38°48.2'N 141°35.8'E
H: 69KM M:3.9



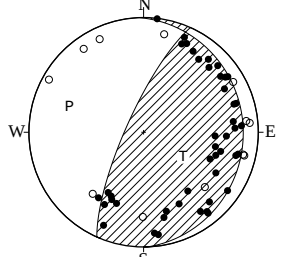
STR DIP SLIP AZM PLG
NP1 68° 35' 108° P 325° 11'
NP2 226° 57' 78° T 102° 75'
N:131 SCORE 97% N 233° 10'

14 DEC. 2004 23:07:50.8
SW HYOGO PREF
34°53.2'N 134°25.5'E
H: 17KM M:3.2



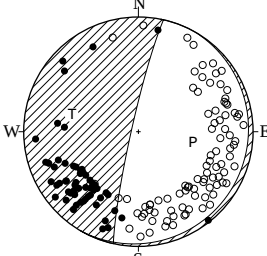
STR DIP SLIP AZM PLG
NP1 355° 42' 64° P 293° 6'
NP2 208° 53' 111° T 174° 72'
N:85 SCORE 99% N 15° 17'

15 DEC. 2004 14:05:27.3
RUMOI REGION
44°04.7'N 141°39.2'E
H: 0KM M:3.6



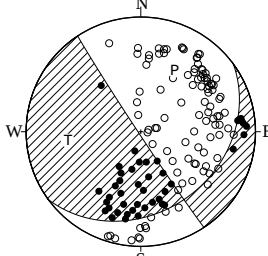
STR DIP SLIP AZM PLG
NP1 358° 14' 64° P 289° 32'
NP2 204° 77' 96° T 122° 57'
N:57 SCORE 95% N 23° 6'

17 DEC. 2004 01:48:38.4
MID NIIGATA PREF
37°19.5'N 138°59.2'E
H: 2KM M:3.6



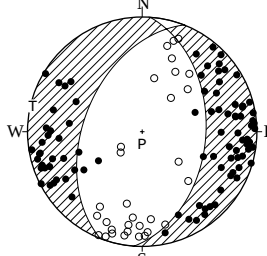
STR DIP SLIP AZM PLG
NP1 29° 5' -74° P 101° 50'
NP2 193° 85° -91° T 284° 40'
N:149 SCORE 97% N 193° 1'

18 DEC. 2004 06:45:45.3
SW IBARAKI PREF
36°14.9'N 140°16.9'E
H: 95KM M:3.8



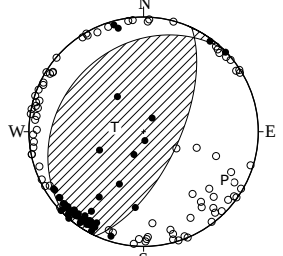
STR DIP SLIP AZM PLG
NP1 54° 31' -3° P 29° 39'
NP2 147° 88° -121° T 263° 36'
N:144 SCORE 98% N 148° 31'

18 DEC. 2004 18:37:49.4
BUNGO CHANNEL
33°16.9'N 131°57.8'E
H: 59KM M:3.3



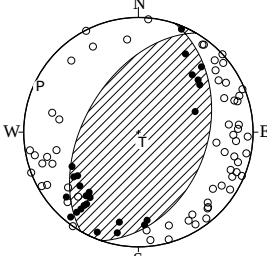
STR DIP SLIP AZM PLG
NP1 4° 44' -103° P 181° 81'
NP2 201° 48° -78° T 283° 2'
N:122 SCORE 96% N 13° 9'

19 DEC. 2004 06:32:23.9
HIDAKA REGION
42°11.9'N 142°58.3'E
H: 50KM M:4.5



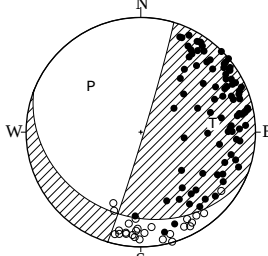
STR DIP SLIP AZM PLG
NP1 224° 27' 107° P 121° 19'
NP2 25° 65° 82° T 278° 69'
N:129 SCORE 96% N 28° 8'

20 DEC. 2004 02:19:54.9
MID NIIGATA PREF
37°11.8'N 138°49.6'E
H: 9KM M:3.4



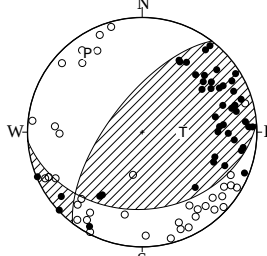
STR DIP SLIP AZM PLG
NP1 19° 39' 81° P 295° 6'
NP2 210° 51° 97° T 160° 82'
N:87 SCORE 97% N 26° 6'

20 DEC. 2004 05:32:02.1
E OFF FUKUSHIMA PREF
37°39.4'N 141°16.6'E
H: 66KM M:3.8



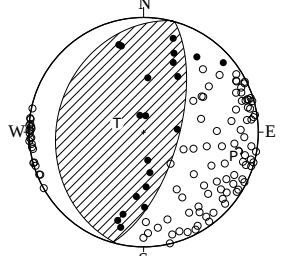
STR DIP SLIP AZM PLG
NP1 111° 27' -175° P 312° 41'
NP2 17° 88° -63° T 83° 37'
N:113 SCORE 97% N 196° 27'

21 DEC. 2004 03:44:55.2
MID NIIGATA PREF
37°22.7'N 138°52.4'E
H: 10KM M:3.5



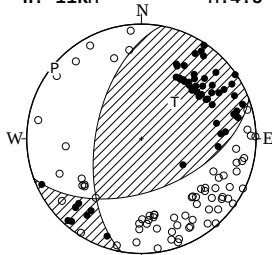
STR DIP SLIP AZM PLG
NP1 85° 33' 133° P 325° 18'
NP2 217° 66° 66° T 91° 61'
N:82 SCORE 93% N 227° 22'

21 DEC. 2004 17:57:57.5
NORTHERN IBARAKI PREF
36°27.3'N 140°35.6'E
H: 56KM M:3.6



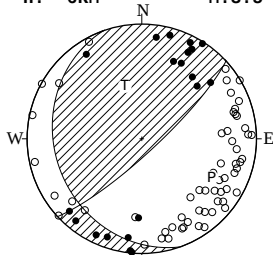
STR DIP SLIP AZM PLG
NP1 193° 25° 88° P 105° 20'
NP2 16° 65° 91° T 288° 70'
N:127 SCORE 98% N 195° 1'

23 DEC. 2004 21:03:43.3
MID NIIGATA PREF
37°23.6'N 138°57.1'E
H: 11KM M:4.5



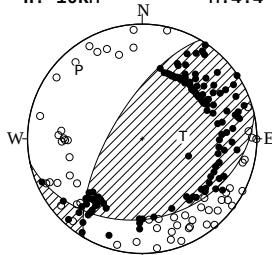
STR DIP SLIP AZM PLG
NP1 70° 52' 136° P 309° 3'
NP2 190° 57' 47° T 43° 55'
N:124 SCORE 98% N 217° 35'

24 DEC. 2004 06:02:47.9
MID NIIGATA PREF
37°23.4'N 139°02.3'E
H: 6KM M:3.5



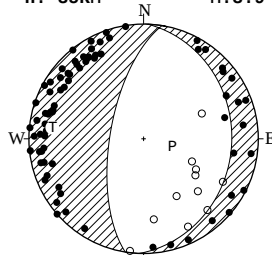
STR DIP SLIP AZM PLG
NP1 160° 25' 25° P 119° 31'
NP2 47° 80' 112° T 342° 50'
N:79 SCORE 97% N 223° 22'

25 DEC. 2004 10:23:31.8
MID NIIGATA PREF
37°24.3'N 138°57.6'E
H: 10KM M:4.4



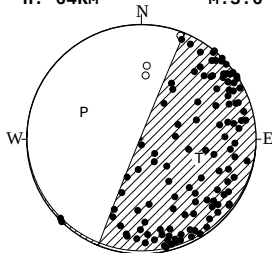
STR DIP SLIP AZM PLG
NP1 78° 31' 133° P 317° 20'
NP2 210° 68° 68° T 87° 61'
N:186 SCORE 95% N 219° 20'

25 DEC. 2004 11:36:59.9
HYUGANADA REGION
32°07.5'N 131°45.1'E
H: 35KM M:3.9



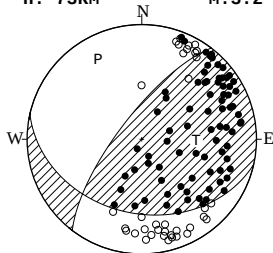
STR DIP SLIP AZM PLG
NP1 2° 24' -97° P 185° 69'
NP2 189° 66° -87° T 277° 21'
N:86 SCORE 98% N 8° 3'

25 DEC. 2004 19:45:55.8
NORTHERN MIYAGI PREF
38°53.1'N 141°38.3'E
H: 64KM M:3.6



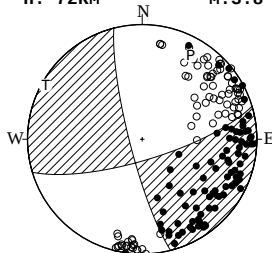
STR DIP SLIP AZM PLG
NP1 94° 3' 162° P 295° 44'
NP2 202° 89° 87° T 109° 46'
N:121 SCORE 100% N 202° 3'

25 DEC. 2004 23:56:24.3
NORTHERN MIYAGI PREF
38°51.0'N 141°35.7'E
H: 73KM M:3.2



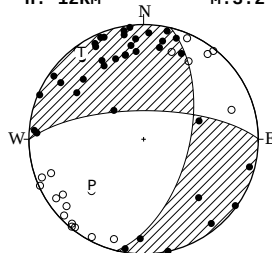
STR DIP SLIP AZM PLG
NP1 103° 35' 151° P 331° 22'
NP2 217° 73° 58° T 91° 51'
N:115 SCORE 97% N 227° 30'

26 DEC. 2004 20:05:40.3
E OFF FUKUSHIMA PREF
36°59.3'N 141°09.0'E
H: 72KM M:3.8



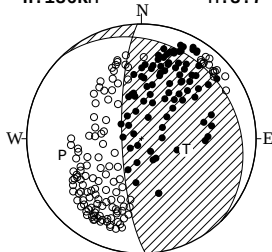
STR DIP SLIP AZM PLG
NP1 73° 75° -9° P 30° 17'
NP2 166° 81° -165° T 299° 4'
N:163 SCORE 96% N 196° 73'

26 DEC. 2004 23:40:23.6
SOUTHERN MIYAZAKI PREF
31°55.9'N 131°11.0'E
H: 12KM M:3.2



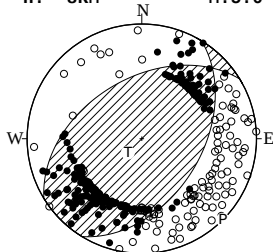
STR DIP SLIP AZM PLG
NP1 14° 57' -156° P 228° 39'
NP2 270° 70° -35° T 324° 8'
N:58 SCORE 98% N 64° 50'

28 DEC. 2004 03:40:02.2
SOUTHERN YAMAGATA PREF
38°17.5'N 139°55.5'E
H: 136KM M:3.7



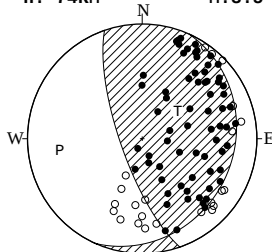
STR DIP SLIP AZM PLG
NP1 316° 18° 49° P 258° 30'
NP2 178° 76° 102° T 104° 57'
N:211 SCORE 94% N 355° 12'

28 DEC. 2004 18:30:36.8
MID NIIGATA PREF
37°19.3'N 138°58.9'E
H: 8KM M:5.0



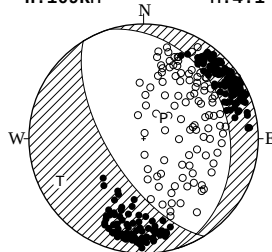
STR DIP SLIP AZM PLG
NP1 239° 47° 109° P 135° 0'
NP2 31° 47° 71° T 225° 76'
N:318 SCORE 91% N 45° 14'

29 DEC. 2004 00:28:50.9
NORTHERN MIYAGI PREF
38°50.9'N 141°35.7'E
H: 74KM M:3.5



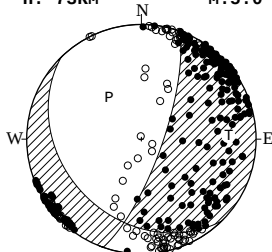
STR DIP SLIP AZM PLG
NP1 24° 21' 131° P 262° 28'
NP2 161° 75° 76° T 52° 58'
N:91 SCORE 97% N 165° 14'

30 DEC. 2004 10:53:34.4
EASTERN FUKUSHIMA PREF
37°45.6'N 140°54.3'E
H: 109KM M:4.1



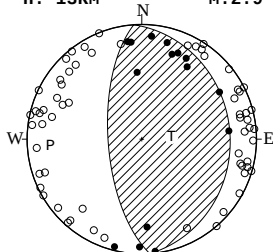
STR DIP SLIP AZM PLG
NP1 343° 26° -77° P 45° 70'
NP2 148° 64° -96° T 243° 19'
N:308 SCORE 98% N 151° 6'

30 DEC. 2004 22:29:45.7
NORTHERN MIYAGI PREF
38°56.5'N 141°37.9'E
H: 73KM M:5.0



STR DIP SLIP AZM PLG
NP1 136° 31° -150° P 322° 52'
NP2 19° 75° -62° T 88° 25'
N:326 SCORE 87% N 192° 27'

31 DEC. 2004 23:30:23.4
CENTRAL AICHI PREF
35°00.6'N 136°51.9'E
H: 13KM M:2.9



STR DIP SLIP AZM PLG
NP1 356° 24° 90° P 266° 21'
NP2 176° 66° 90° T 86° 69'
N:77 SCORE 96% N 176° 0'