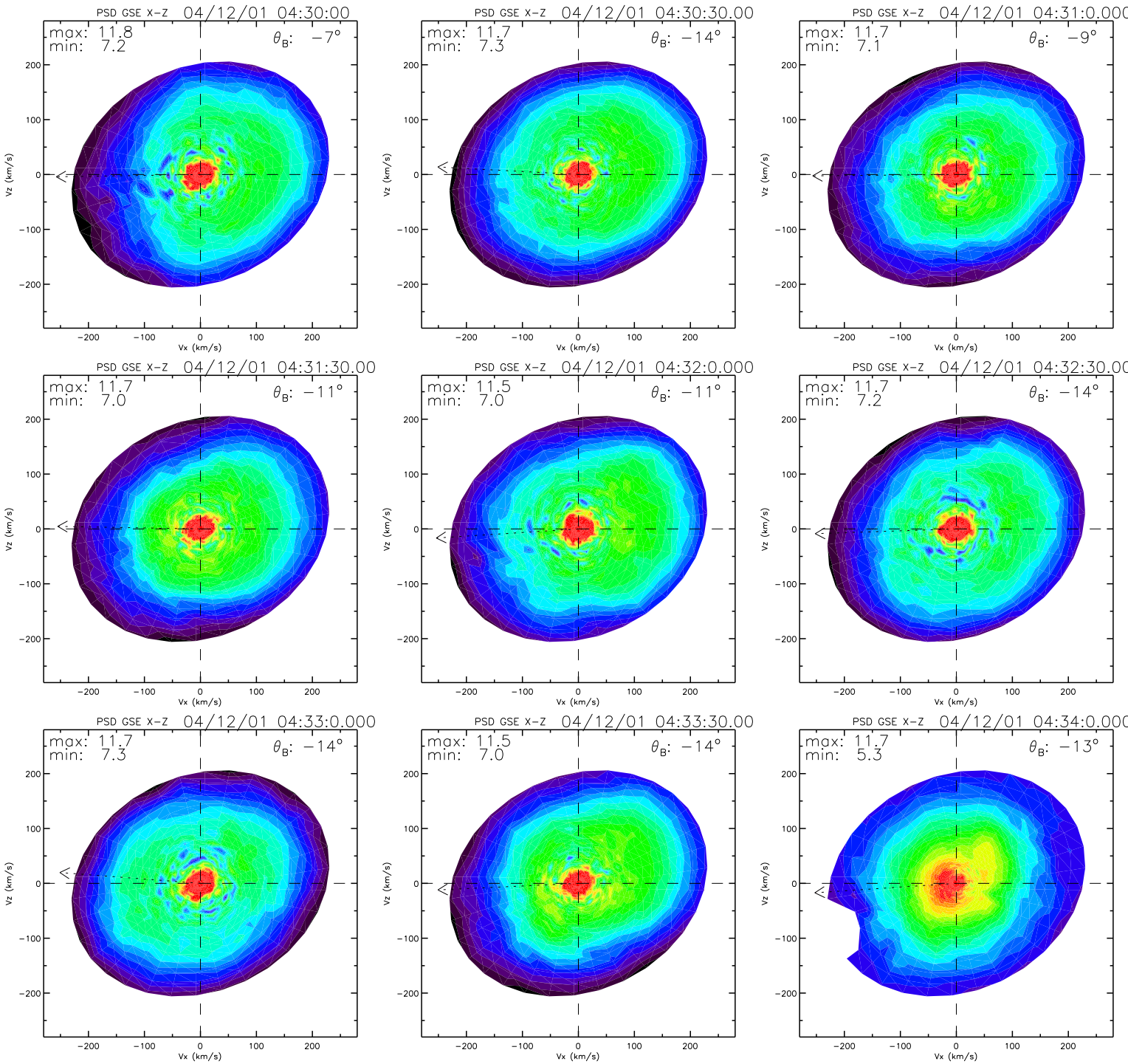
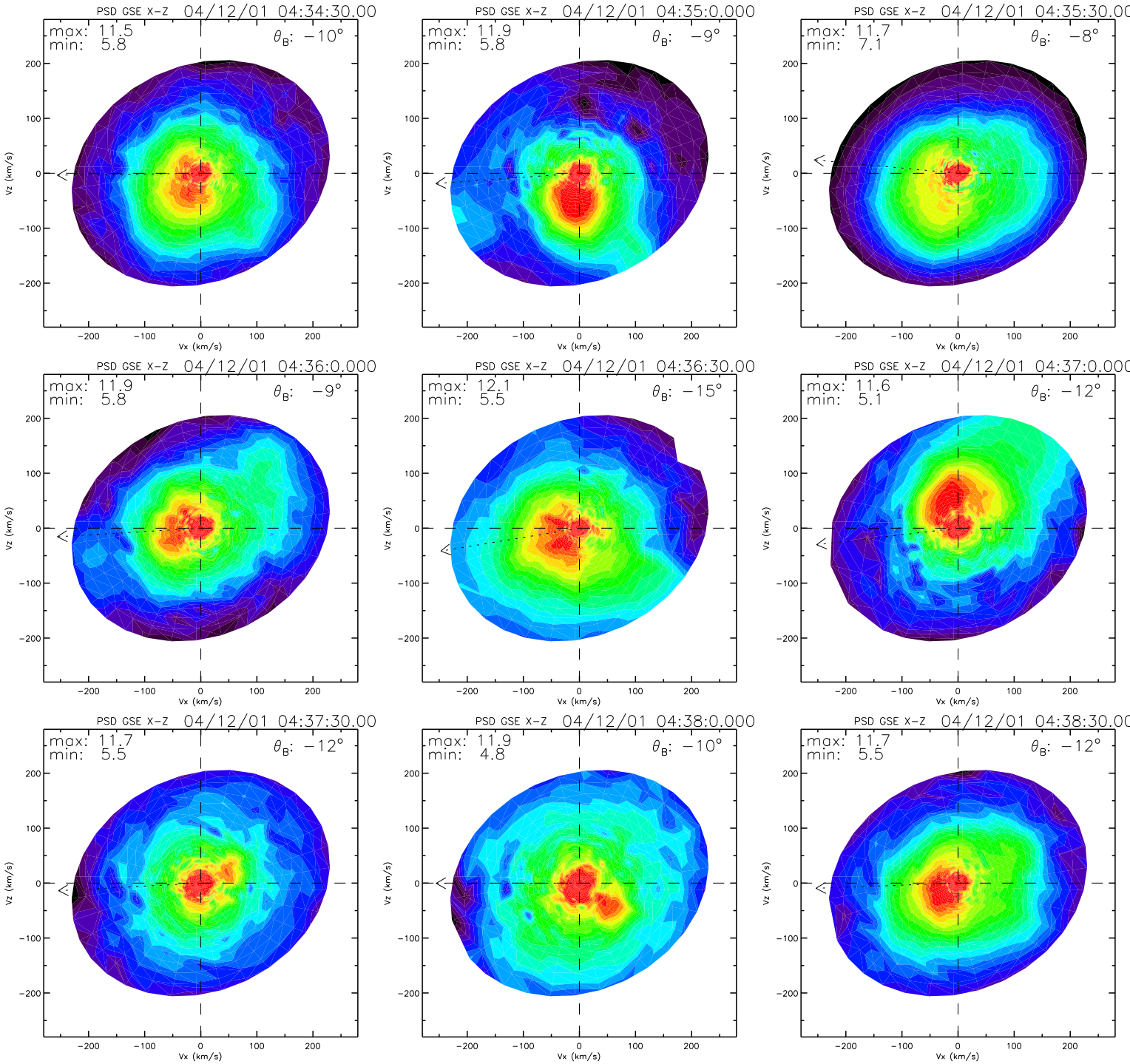
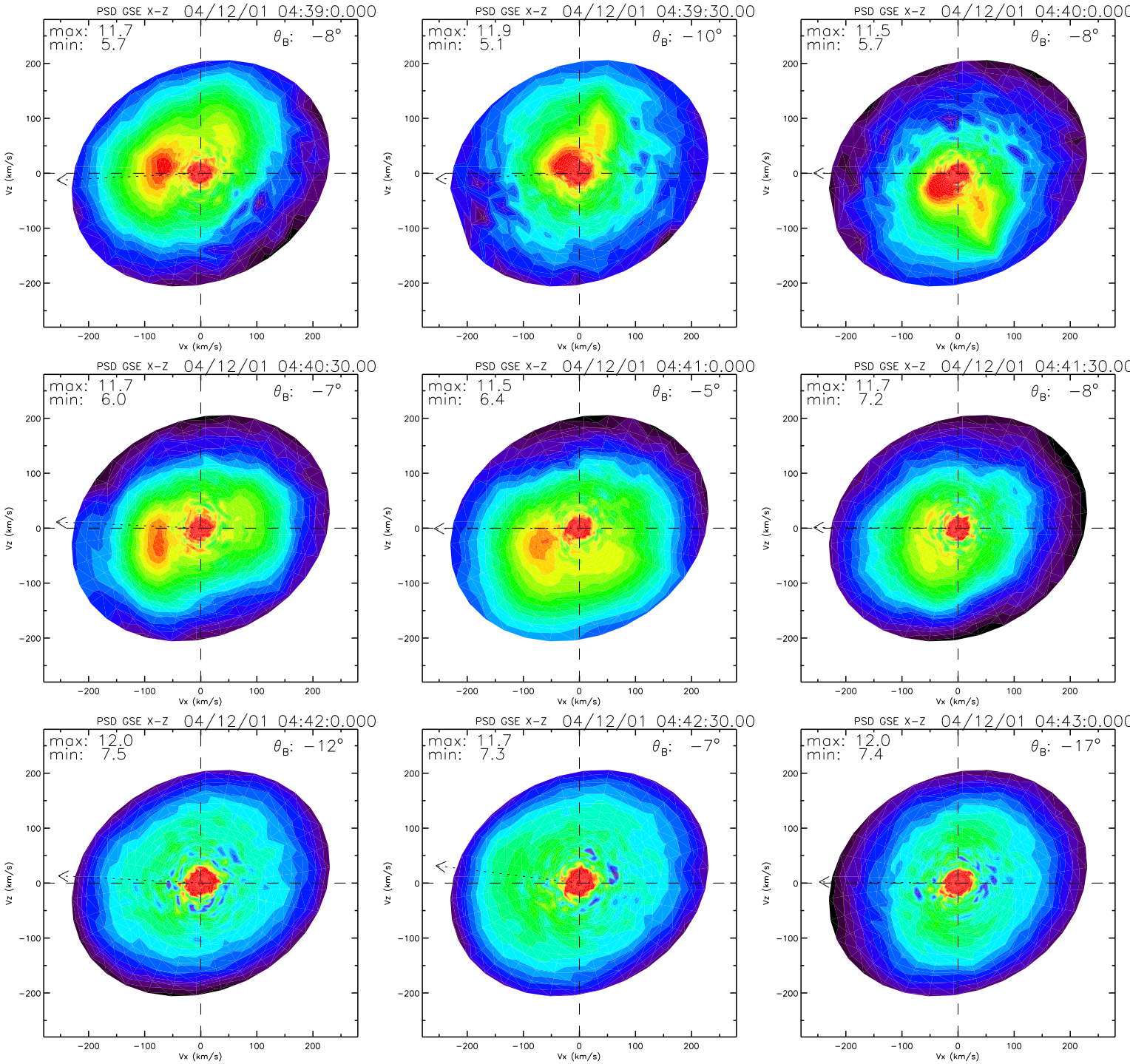
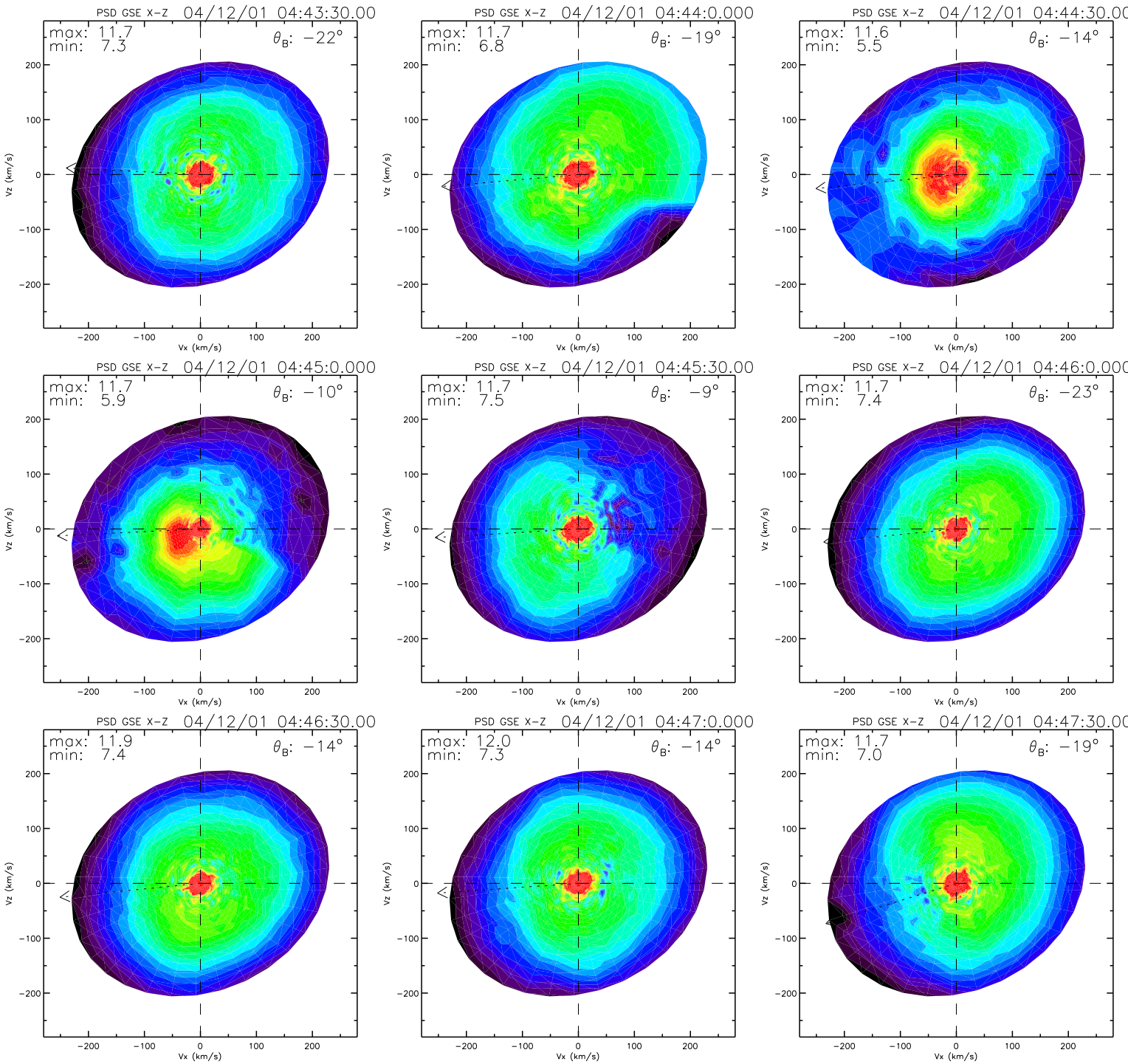
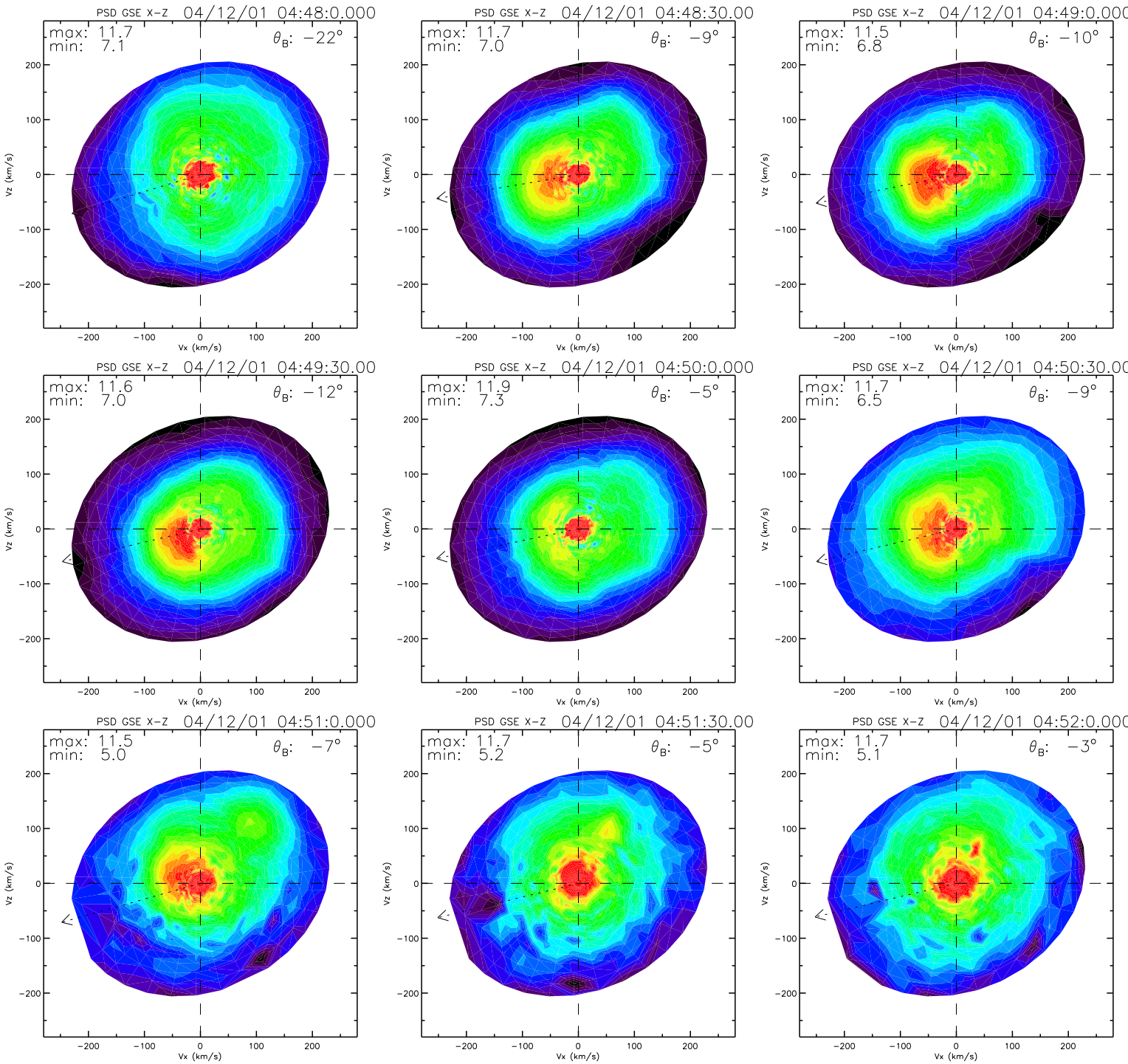
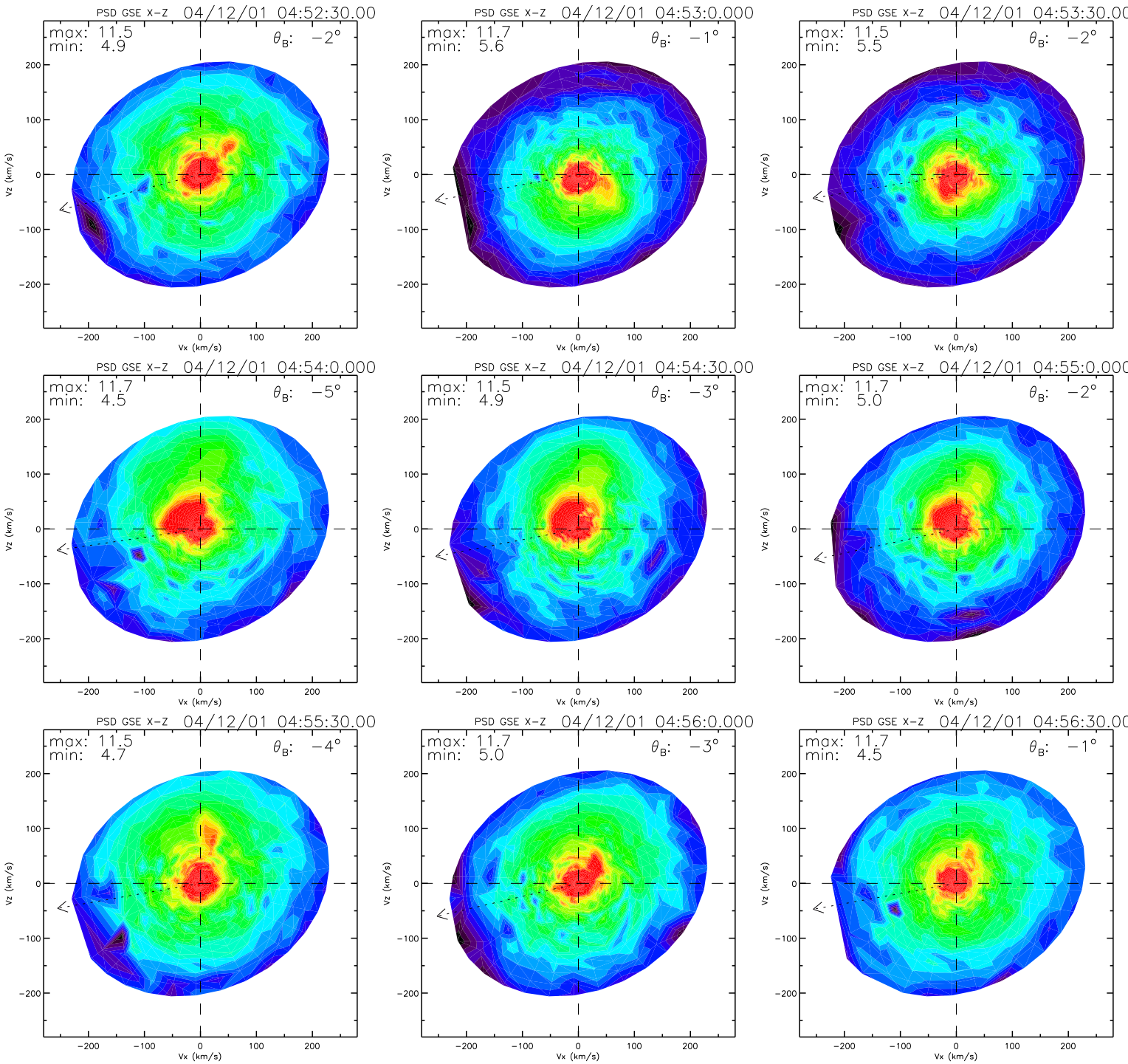

PSD GSE X-Z 04/12/01 04:30:00
max: 11.8
min: 7.2
θB: −7°
PSD GSE X-Z 04/12/01 04:30:30.00
max: 11.7
min: 7.3
θB: −14°
PSD GSE X-Z 04/12/01 04:31:0.000
max: 11.7
min: 7.1
θB: −9°
PSD GSE X-Z 04/12/01 04:31:30.00
max: 11.7
min: 7.0
θB: −11°
PSD GSE X-Z 04/12/01 04:32:0.000
max: 11.5
min: 7.0
θB: −11°
PSD GSE X-Z 04/12/01 04:32:30.00
max: 11.7
min: 7.2
θB: −14°
PSD GSE X-Z 04/12/01 04:33:0.000
max: 11.7
min: 7.3
θB: −14°
PSD GSE X-Z 04/12/01 04:33:30.00
max: 11.5
min: 7.0
θB: −14°
PSD GSE X-Z 04/12/01 04:34:0.000
max: 11.7
min: 5.3
θB: −13°
Vx (km/s)
Vz (km/s)

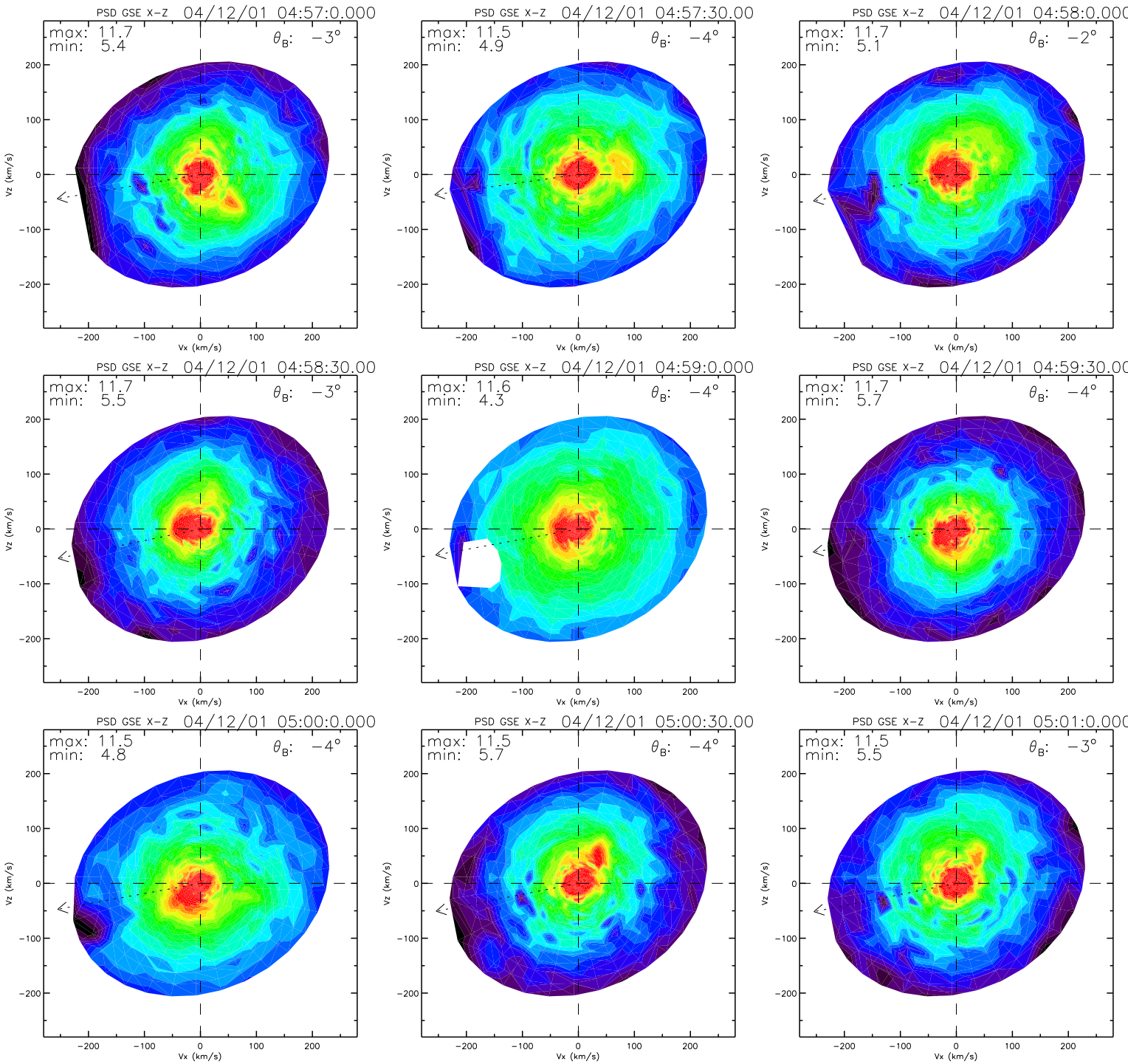

PSD GSE X-Z 04/12/01 04:34:30.00
max: 11.5
min: 5.8
θB: −10°
PSD GSE X-Z 04/12/01 04:35:0.000
max: 11.9
min: 5.8
θB: −9°
PSD GSE X-Z 04/12/01 04:35:30.00
max: 11.7
min: 7.1
θB: −8°
PSD GSE X-Z 04/12/01 04:36:0.000
max: 11.9
min: 5.8
θB: −9°
PSD GSE X-Z 04/12/01 04:36:30.00
max: 12.1
min: 5.5
θB: −15°
PSD GSE X-Z 04/12/01 04:37:0.000
max: 11.6
min: 5.1
θB: −12°
PSD GSE X-Z 04/12/01 04:37:30.00
max: 11.7
min: 5.5
θB: −12°
PSD GSE X-Z 04/12/01 04:38:0.000
max: 11.9
min: 4.8
θB: −10°
PSD GSE X-Z 04/12/01 04:38:30.00
max: 11.7
min: 5.5
θB: −12°
Vx (km/s)
Vz (km/s)

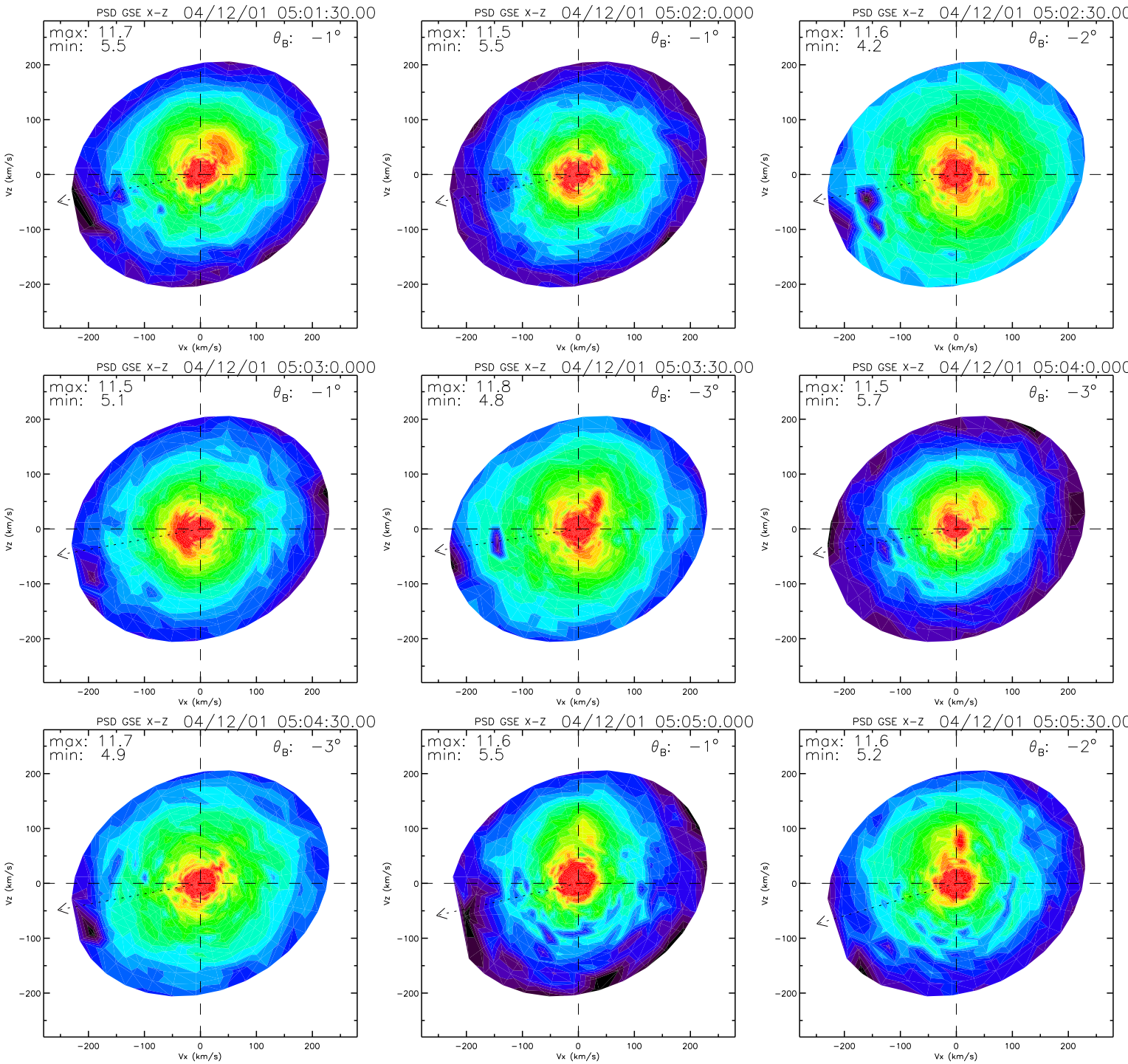

PSD GSE X-Z 04/12/01 04:39:0.000
max: 11.7
min: 5.7
θ_B: −8°
PSD GSE X-Z 04/12/01 04:39:30.00
max: 11.9
min: 5.1
θ_B: −10°
PSD GSE X-Z 04/12/01 04:40:0.000
max: 11.5
min: 5.7
θ_B: −8°
PSD GSE X-Z 04/12/01 04:40:30.00
max: 11.7
min: 6.0
θ_B: −7°
PSD GSE X-Z 04/12/01 04:41:0.000
max: 11.5
min: 6.4
θ_B: −5°
PSD GSE X-Z 04/12/01 04:41:30.00
max: 11.7
min: 7.2
θ_B: −8°
PSD GSE X-Z 04/12/01 04:42:0.000
max: 12.0
min: 7.5
θ_B: −12°
PSD GSE X-Z 04/12/01 04:42:30.00
max: 11.7
min: 7.3
θ_B: −7°
PSD GSE X-Z 04/12/01 04:43:0.000
max: 12.0
min: 7.4
θ_B: −17°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

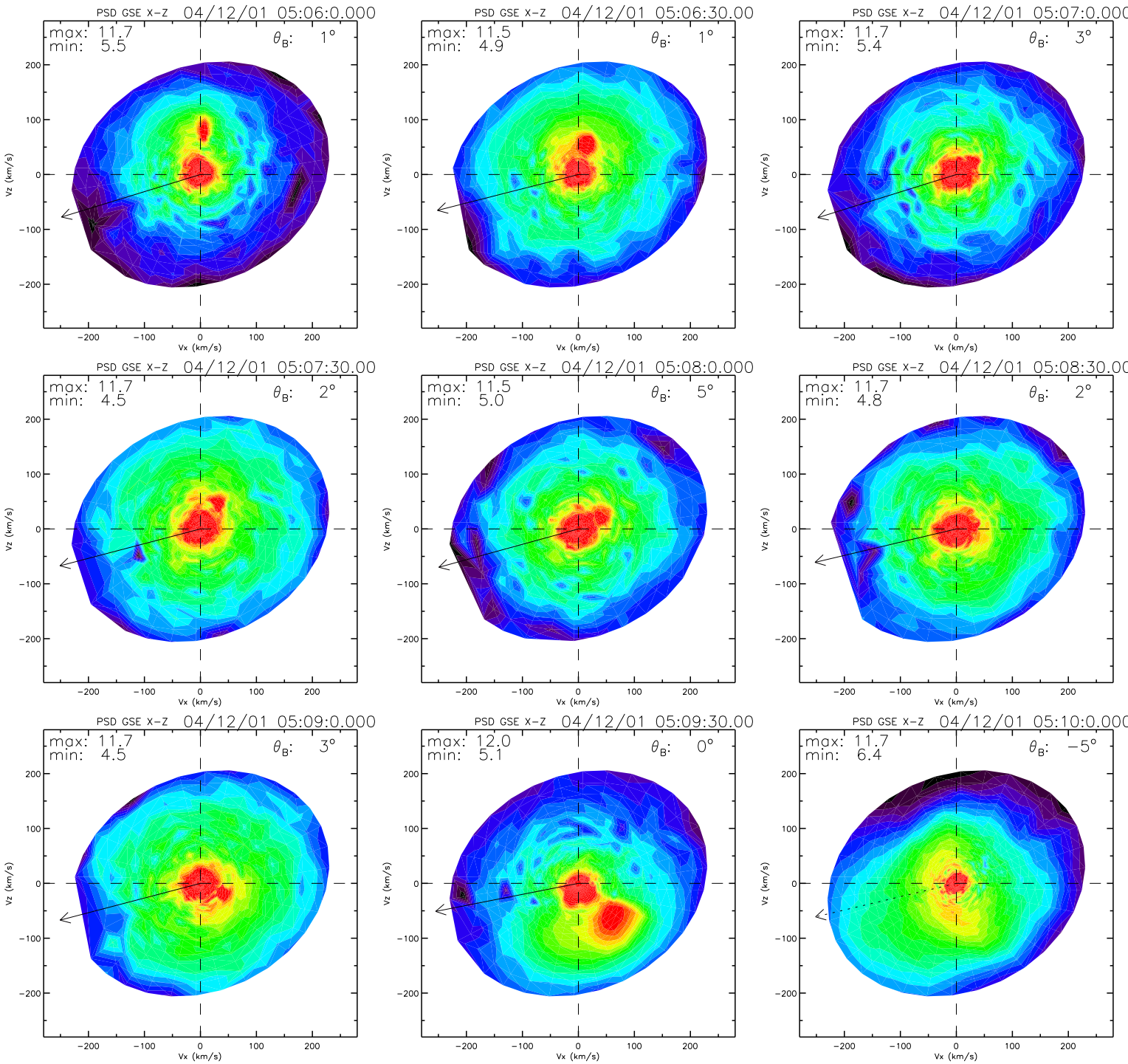

PSD GSE X-Z 04/12/01 04:43:30.00
max: 11.7
min: 7.3
θB: −22°
PSD GSE X-Z 04/12/01 04:44:0.000
max: 11.7
min: 6.8
θB: −19°
PSD GSE X-Z 04/12/01 04:44:30.00
max: 11.6
min: 5.5
θB: −14°
PSD GSE X-Z 04/12/01 04:45:0.000
max: 11.7
min: 5.9
θB: −10°
PSD GSE X-Z 04/12/01 04:45:30.00
max: 11.7
min: 7.5
θB: −9°
PSD GSE X-Z 04/12/01 04:46:0.000
max: 11.7
min: 7.4
θB: −23°
PSD GSE X-Z 04/12/01 04:46:30.00
max: 11.9
min: 7.4
θB: −14°
PSD GSE X-Z 04/12/01 04:47:0.000
max: 12.0
min: 7.3
θB: −14°
PSD GSE X-Z 04/12/01 04:47:30.00
max: 11.7
min: 7.0
θB: −19°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

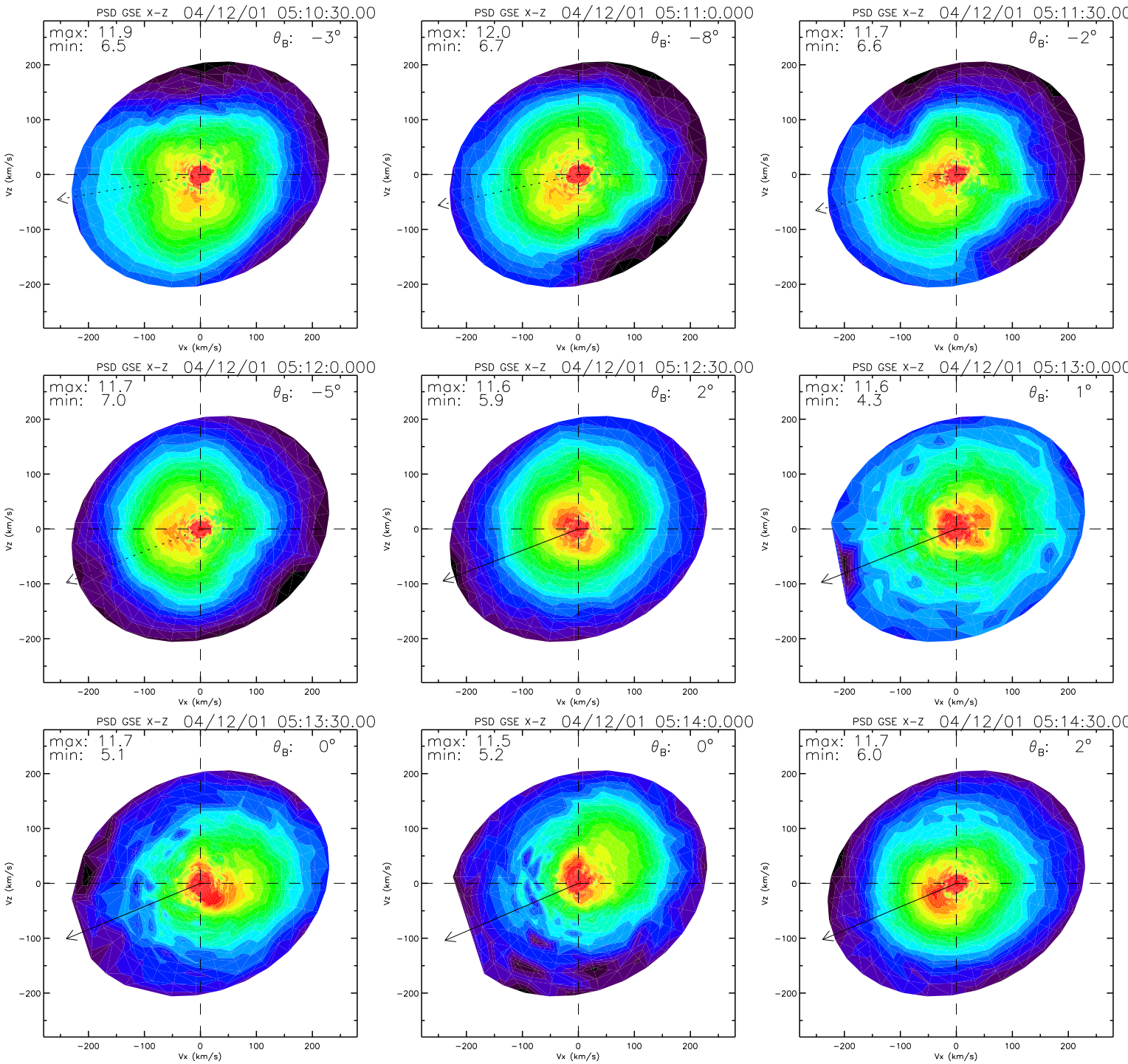

PSD GSE X-Z 04/12/01 04:48:0.000
max: 11.7
min: 7.1
θB: −22°
PSD GSE X-Z 04/12/01 04:48:30.00
max: 11.7
min: 7.0
θB: −9°
PSD GSE X-Z 04/12/01 04:49:0.000
max: 11.5
min: 6.8
θB: −10°
PSD GSE X-Z 04/12/01 04:49:30.00
max: 11.6
min: 7.0
θB: −12°
PSD GSE X-Z 04/12/01 04:50:0.000
max: 11.9
min: 7.3
θB: −5°
PSD GSE X-Z 04/12/01 04:50:30.00
max: 11.7
min: 6.5
θB: −9°
PSD GSE X-Z 04/12/01 04:51:0.000
max: 11.5
min: 5.0
θB: −7°
PSD GSE X-Z 04/12/01 04:51:30.00
max: 11.7
min: 5.2
θB: −5°
PSD GSE X-Z 04/12/01 04:52:0.000
max: 11.7
min: 5.1
θB: −3°
Vx (km/s)
Vz (km/s)

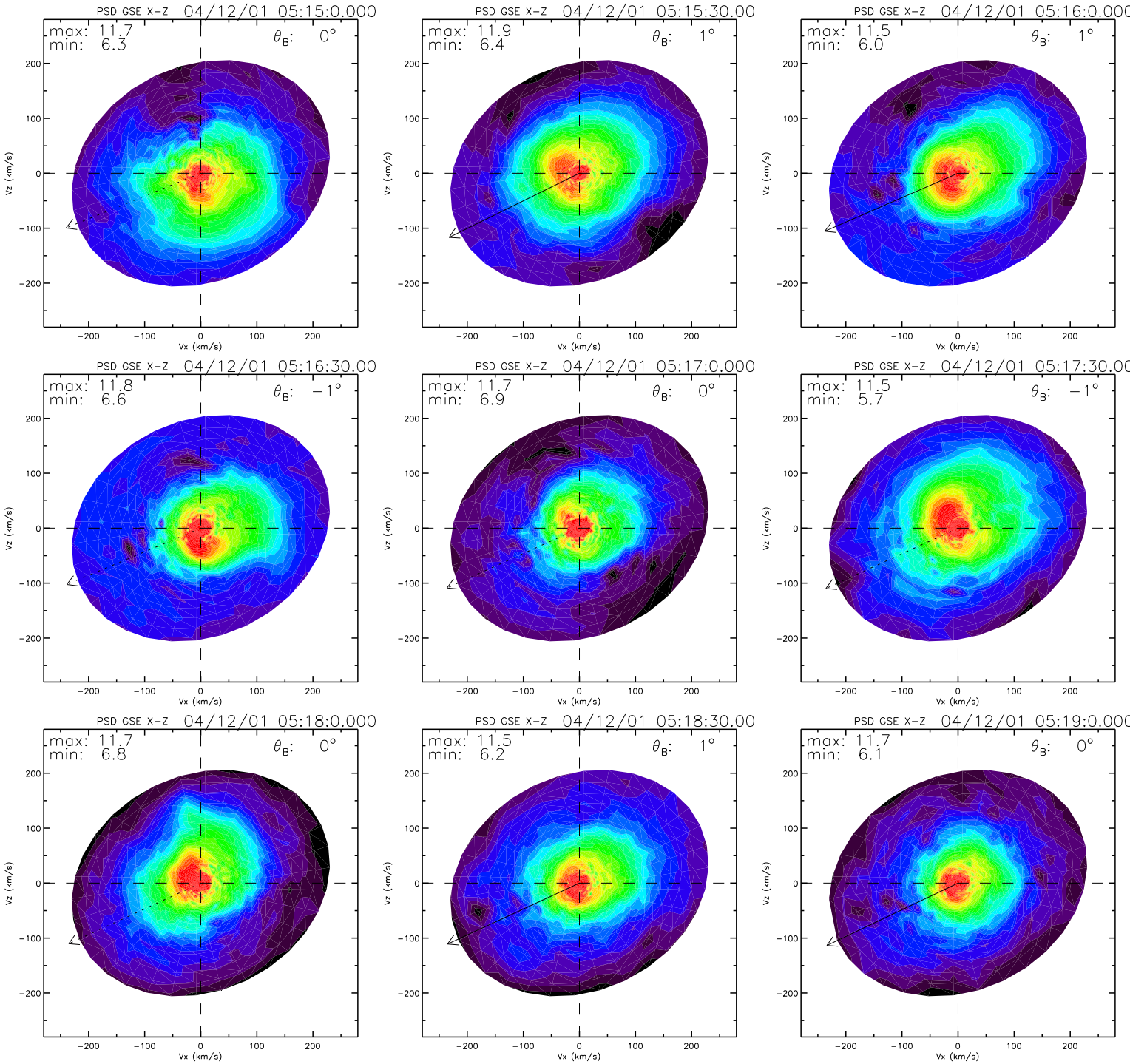

PSD GSE X-Z 04/12/01 04:52:30.00
max: 11.5
min: 4.9
θB: −2°
PSD GSE X-Z 04/12/01 04:53:0.000
max: 11.7
min: 5.6
θB: −1°
PSD GSE X-Z 04/12/01 04:53:30.00
max: 11.5
min: 5.5
θB: −2°
PSD GSE X-Z 04/12/01 04:54:0.000
max: 11.7
min: 4.5
θB: −5°
PSD GSE X-Z 04/12/01 04:54:30.00
max: 11.5
min: 4.9
θB: −3°
PSD GSE X-Z 04/12/01 04:55:0.000
max: 11.7
min: 5.0
θB: −2°
PSD GSE X-Z 04/12/01 04:55:30.00
max: 11.5
min: 4.7
θB: −4°
PSD GSE X-Z 04/12/01 04:56:0.000
max: 11.7
min: 5.0
θB: −3°
PSD GSE X-Z 04/12/01 04:56:30.00
max: 11.7
min: 4.5
θB: −1°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

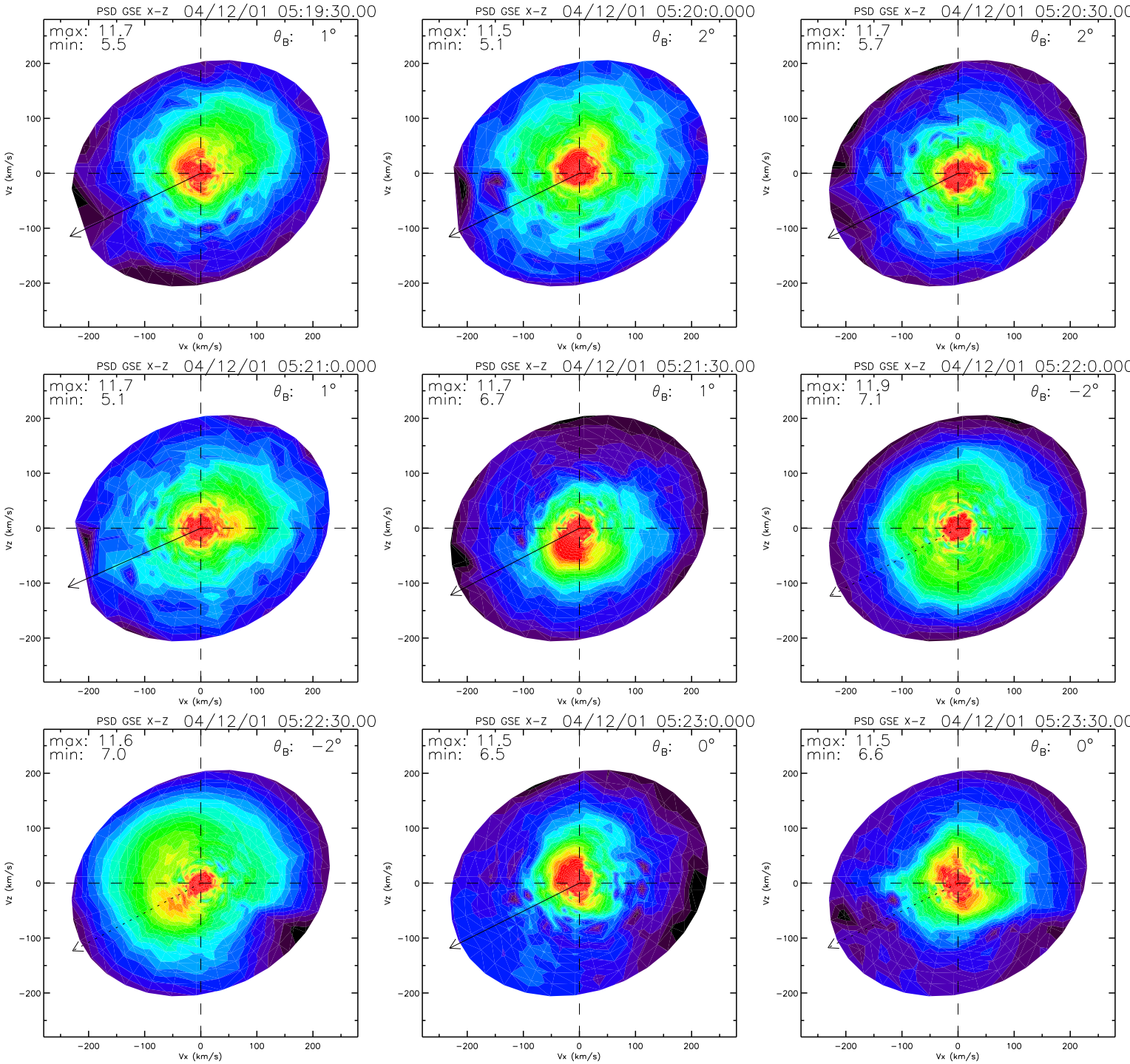

PSD GSE X-Z 04/12/01 04:57:0.000
max: 11.7
min: 5.4
θB: −3°
PSD GSE X-Z 04/12/01 04:57:30.00
max: 11.5
min: 4.9
θB: −4°
PSD GSE X-Z 04/12/01 04:58:0.000
max: 11.7
min: 5.1
θB: −2°
PSD GSE X-Z 04/12/01 04:58:30.00
max: 11.7
min: 5.5
θB: −3°
PSD GSE X-Z 04/12/01 04:59:0.000
max: 11.6
min: 4.3
θB: −4°
PSD GSE X-Z 04/12/01 04:59:30.00
max: 11.7
min: 5.7
θB: −4°
PSD GSE X-Z 04/12/01 05:00:0.000
max: 11.5
min: 4.8
θB: −4°
PSD GSE X-Z 04/12/01 05:00:30.00
max: 11.5
min: 5.7
θB: −4°
PSD GSE X-Z 04/12/01 05:01:0.000
max: 11.5
min: 5.5
θB: −3°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

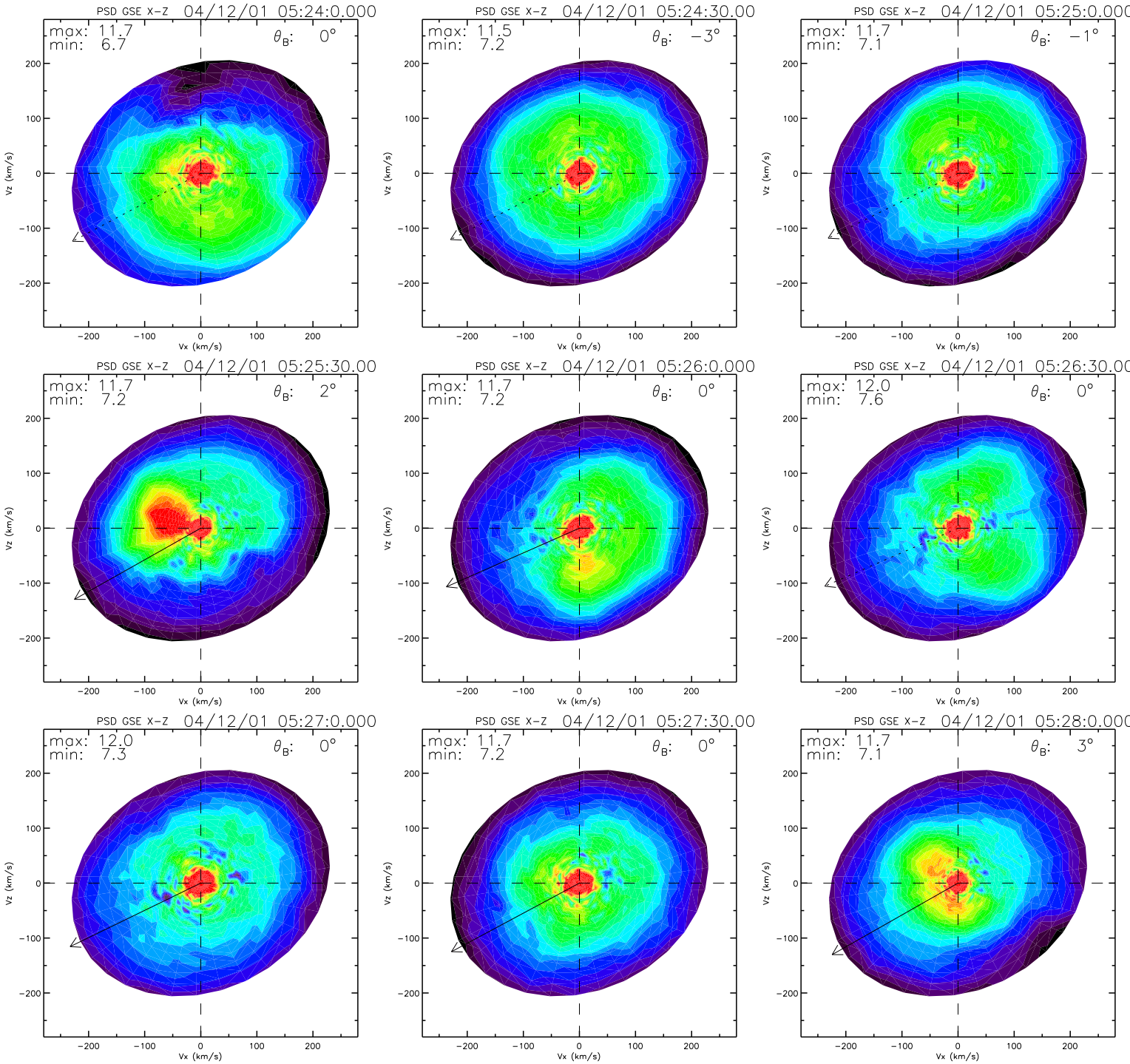

PSD GSE X-Z 04/12/01 05:01:30.00
max: 11.7
min: 5.5
θB: −1°
PSD GSE X-Z 04/12/01 05:02:0.000
max: 11.5
min: 5.5
θB: −1°
PSD GSE X-Z 04/12/01 05:02:30.00
max: 11.6
min: 4.2
θB: −2°
PSD GSE X-Z 04/12/01 05:03:0.000
max: 11.5
min: 5.1
θB: −1°
PSD GSE X-Z 04/12/01 05:03:30.00
max: 11.8
min: 4.8
θB: −3°
PSD GSE X-Z 04/12/01 05:04:0.000
max: 11.5
min: 5.7
θB: −3°
PSD GSE X-Z 04/12/01 05:04:30.00
max: 11.7
min: 4.9
θB: −3°
PSD GSE X-Z 04/12/01 05:05:0.000
max: 11.6
min: 5.5
θB: −1°
PSD GSE X-Z 04/12/01 05:05:30.00
max: 11.6
min: 5.2
θB: −2°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

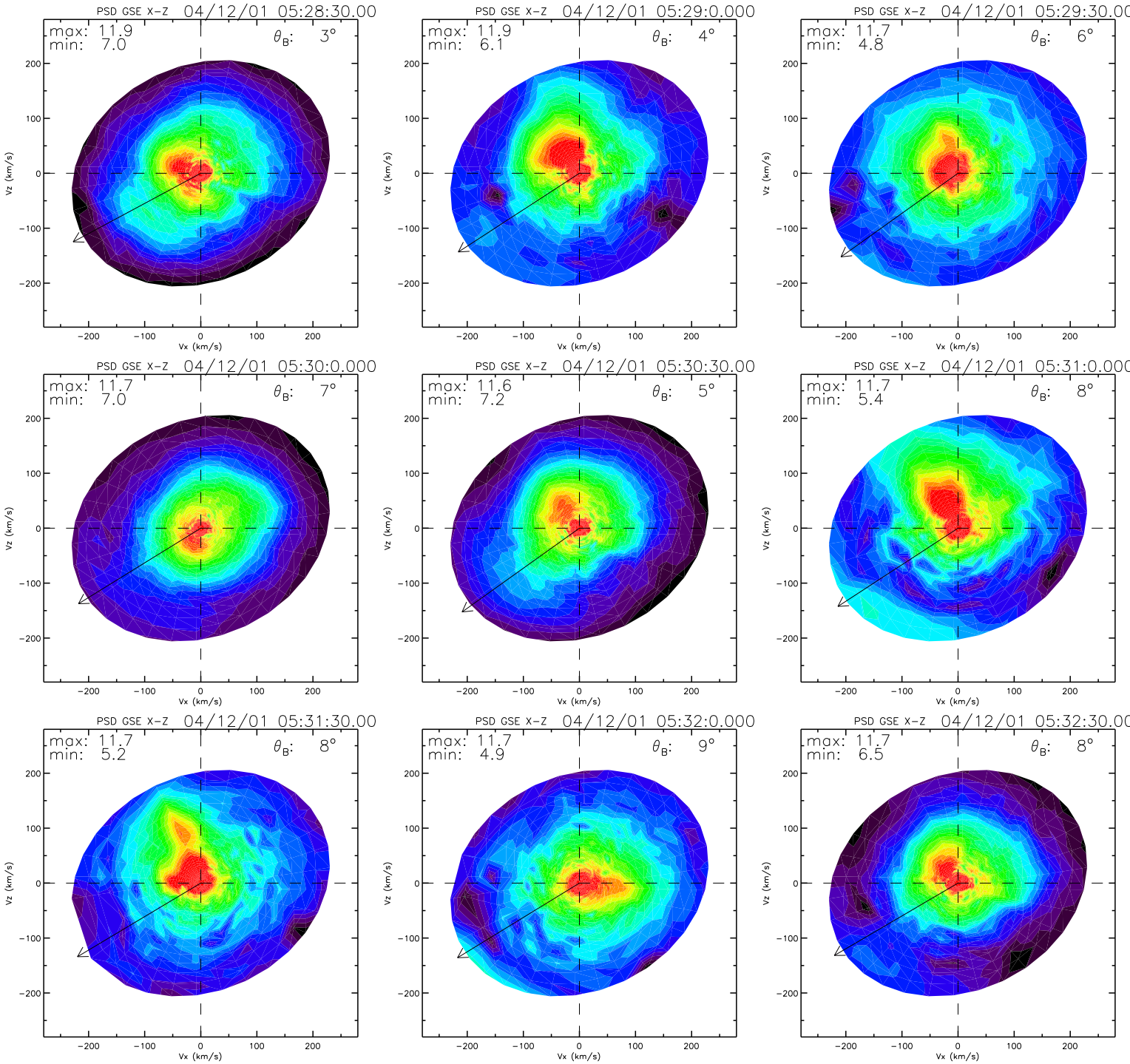

PSD GSE X-Z 04/12/01 05:06:0.000
max: 11.7
min: 5.5
θB: 1°
PSD GSE X-Z 04/12/01 05:06:30.00
max: 11.5
min: 4.9
θB: 1°
PSD GSE X-Z 04/12/01 05:07:0.000
max: 11.7
min: 5.4
θB: 3°
PSD GSE X-Z 04/12/01 05:07:30.00
max: 11.7
min: 4.5
θB: 2°
PSD GSE X-Z 04/12/01 05:08:0.000
max: 11.5
min: 5.0
θB: 5°
PSD GSE X-Z 04/12/01 05:08:30.00
max: 11.7
min: 4.8
θB: 2°
PSD GSE X-Z 04/12/01 05:09:0.000
max: 11.7
min: 4.5
θB: 3°
PSD GSE X-Z 04/12/01 05:09:30.00
max: 12.0
min: 5.1
θB: 0°
PSD GSE X-Z 04/12/01 05:10:0.000
max: 11.7
min: 6.4
θB: −5°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

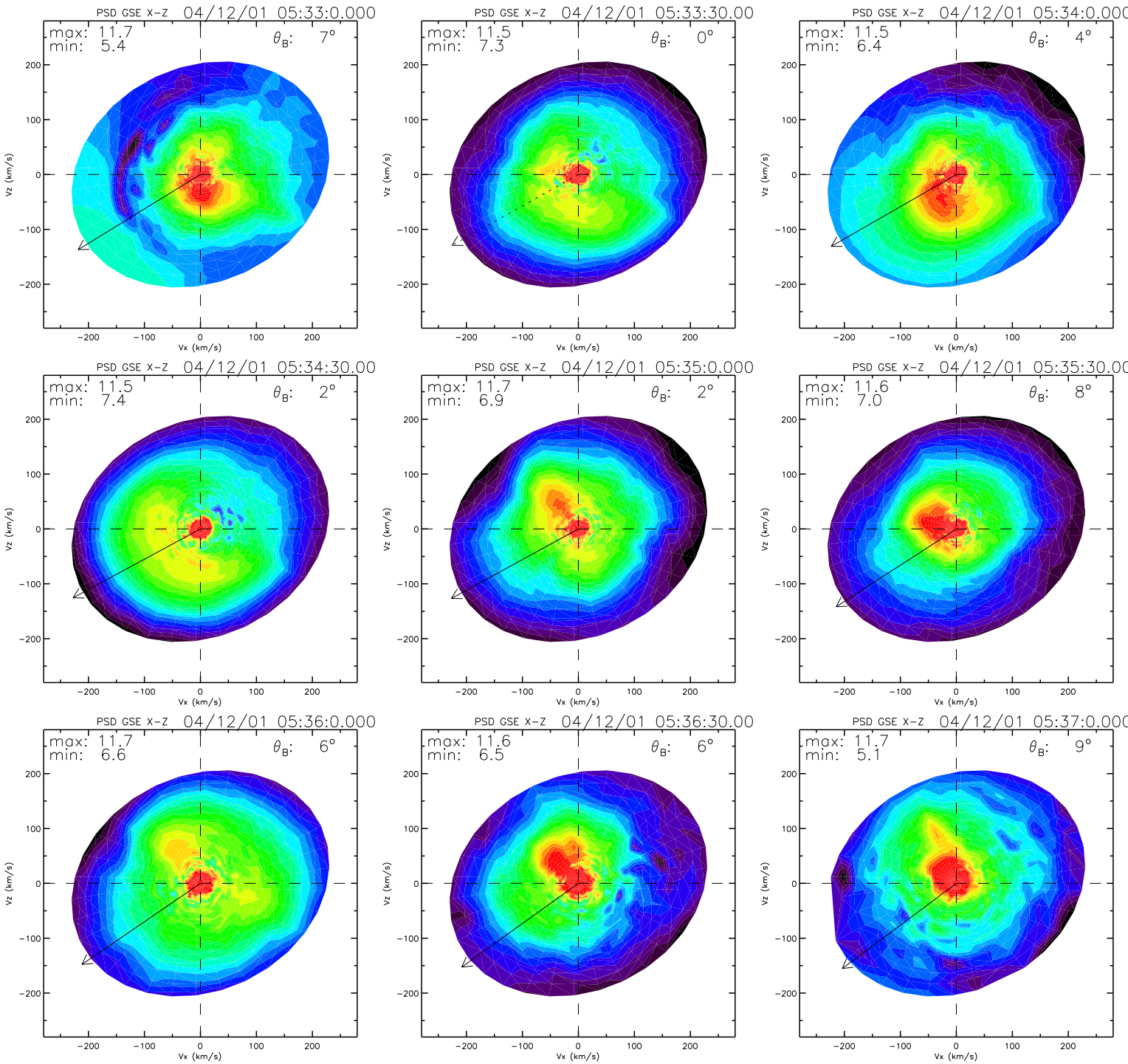

PSD GSE X-Z 04/12/01 05:10:30.00
max: 11.9
min: 6.5
θB: −3°
PSD GSE X-Z 04/12/01 05:11:0.000
max: 12.0
min: 6.7
θB: −8°
PSD GSE X-Z 04/12/01 05:11:30.00
max: 11.7
min: 6.6
θB: −2°
PSD GSE X-Z 04/12/01 05:12:0.000
max: 11.7
min: 7.0
θB: −5°
PSD GSE X-Z 04/12/01 05:12:30.00
max: 11.6
min: 5.9
θB: 2°
PSD GSE X-Z 04/12/01 05:13:0.000
max: 11.6
min: 4.3
θB: 1°
PSD GSE X-Z 04/12/01 05:13:30.00
max: 11.7
min: 5.1
θB: 0°
PSD GSE X-Z 04/12/01 05:14:0.000
max: 11.5
min: 5.2
θB: 0°
PSD GSE X-Z 04/12/01 05:14:30.00
max: 11.7
min: 6.0
θB: 2°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

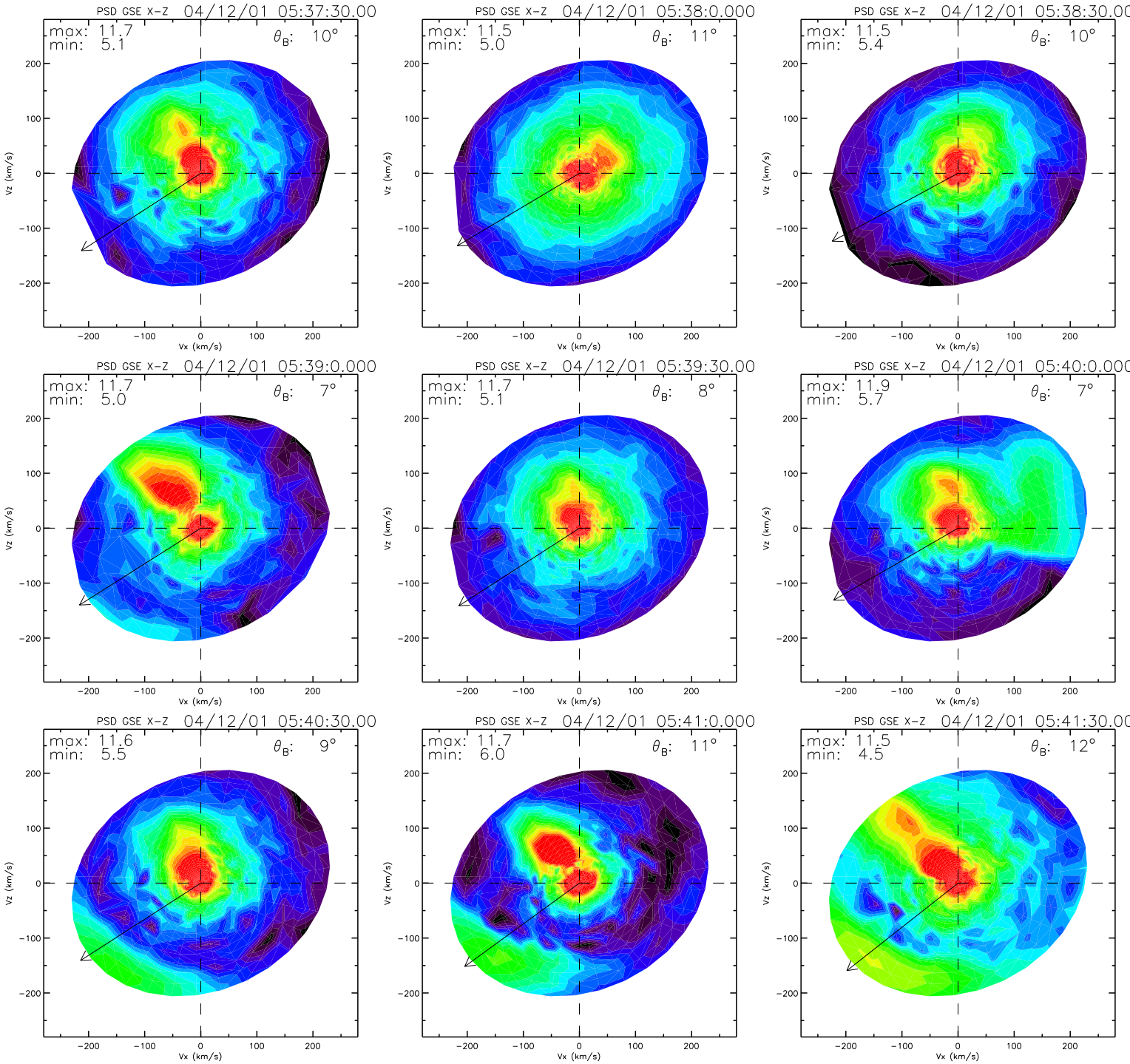

PSD GSE X-Z 04/12/01 05:15:0.000
max: 11.7
min: 6.3
θ_B: 0°
PSD GSE X-Z 04/12/01 05:15:30.00
max: 11.9
min: 6.4
θ_B: 1°
PSD GSE X-Z 04/12/01 05:16:0.000
max: 11.5
min: 6.0
θ_B: 1°
PSD GSE X-Z 04/12/01 05:16:30.00
max: 11.8
min: 6.6
θ_B: −1°
PSD GSE X-Z 04/12/01 05:17:0.000
max: 11.7
min: 6.9
θ_B: 0°
PSD GSE X-Z 04/12/01 05:17:30.00
max: 11.5
min: 5.7
θ_B: −1°
PSD GSE X-Z 04/12/01 05:18:0.000
max: 11.7
min: 6.8
θ_B: 0°
PSD GSE X-Z 04/12/01 05:18:30.00
max: 11.5
min: 6.2
θ_B: 1°
PSD GSE X-Z 04/12/01 05:19:0.000
max: 11.7
min: 6.1
θ_B: 0°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

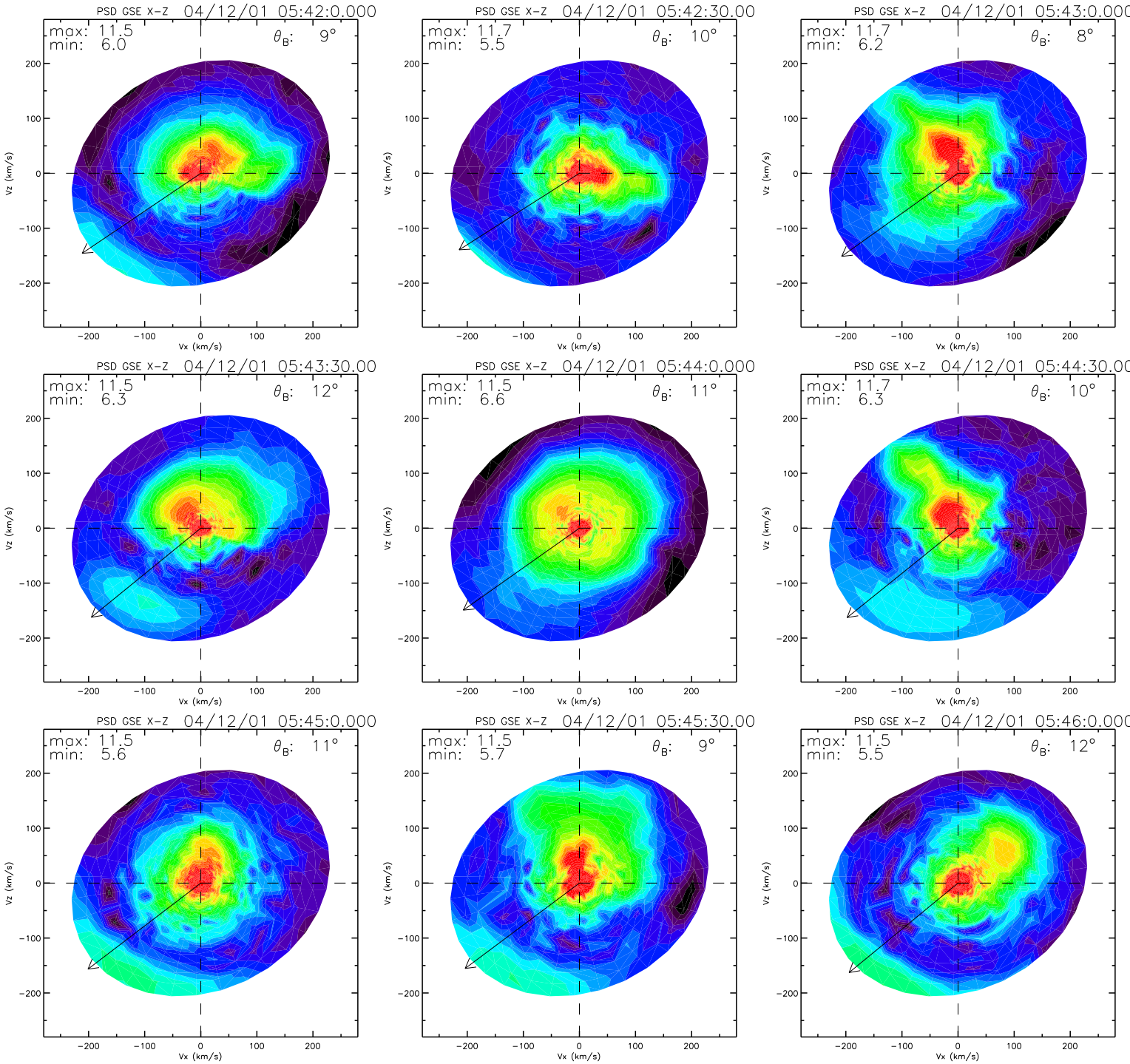

PSD GSE X-Z 04/12/01 05:19:30.00
max: 11.7
min: 5.5
θB: 1°
PSD GSE X-Z 04/12/01 05:20:0.000
max: 11.5
min: 5.1
θB: 2°
PSD GSE X-Z 04/12/01 05:20:30.00
max: 11.7
min: 5.7
θB: 2°
PSD GSE X-Z 04/12/01 05:21:0.000
max: 11.7
min: 5.1
θB: 1°
PSD GSE X-Z 04/12/01 05:21:30.00
max: 11.7
min: 6.7
θB: 1°
PSD GSE X-Z 04/12/01 05:22:0.000
max: 11.9
min: 7.1
θB: −2°
PSD GSE X-Z 04/12/01 05:22:30.00
max: 11.6
min: 7.0
θB: −2°
PSD GSE X-Z 04/12/01 05:23:0.000
max: 11.5
min: 6.5
θB: 0°
PSD GSE X-Z 04/12/01 05:23:30.00
max: 11.5
min: 6.6
θB: 0°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

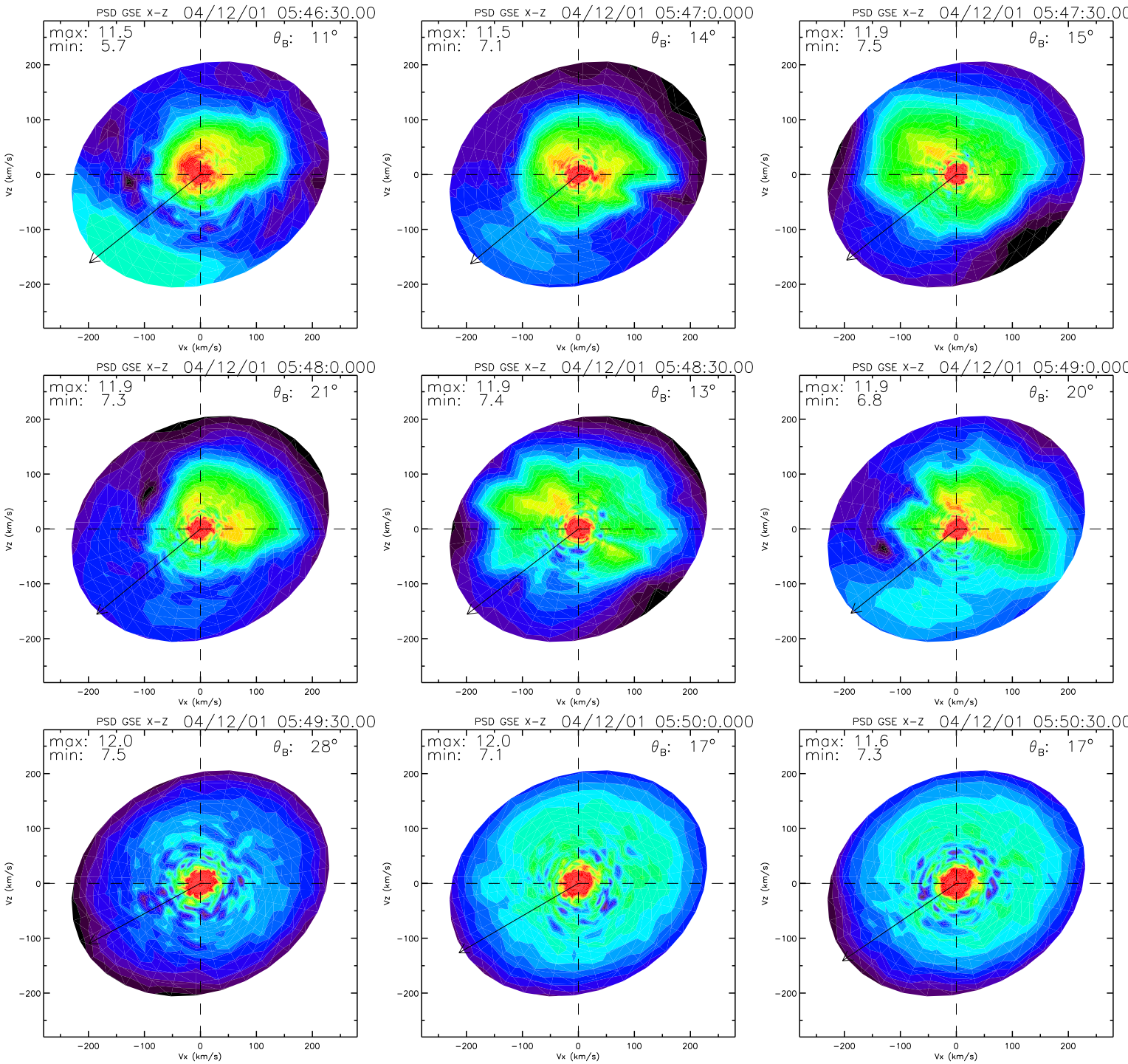

PSD GSE X-Z 04/12/01 05:24:0.000
max: 11.7
min: 6.7
θB: 0°
PSD GSE X-Z 04/12/01 05:24:30.00
max: 11.5
min: 7.2
θB: −3°
PSD GSE X-Z 04/12/01 05:25:0.000
max: 11.7
min: 7.1
θB: −1°
PSD GSE X-Z 04/12/01 05:25:30.00
max: 11.7
min: 7.2
θB: 2°
PSD GSE X-Z 04/12/01 05:26:0.000
max: 11.7
min: 7.2
θB: 0°
PSD GSE X-Z 04/12/01 05:26:30.00
max: 12.0
min: 7.6
θB: 0°
PSD GSE X-Z 04/12/01 05:27:0.000
max: 12.0
min: 7.3
θB: 0°
PSD GSE X-Z 04/12/01 05:27:30.00
max: 11.7
min: 7.2
θB: 0°
PSD GSE X-Z 04/12/01 05:28:0.000
max: 11.7
min: 7.1
θB: 3°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

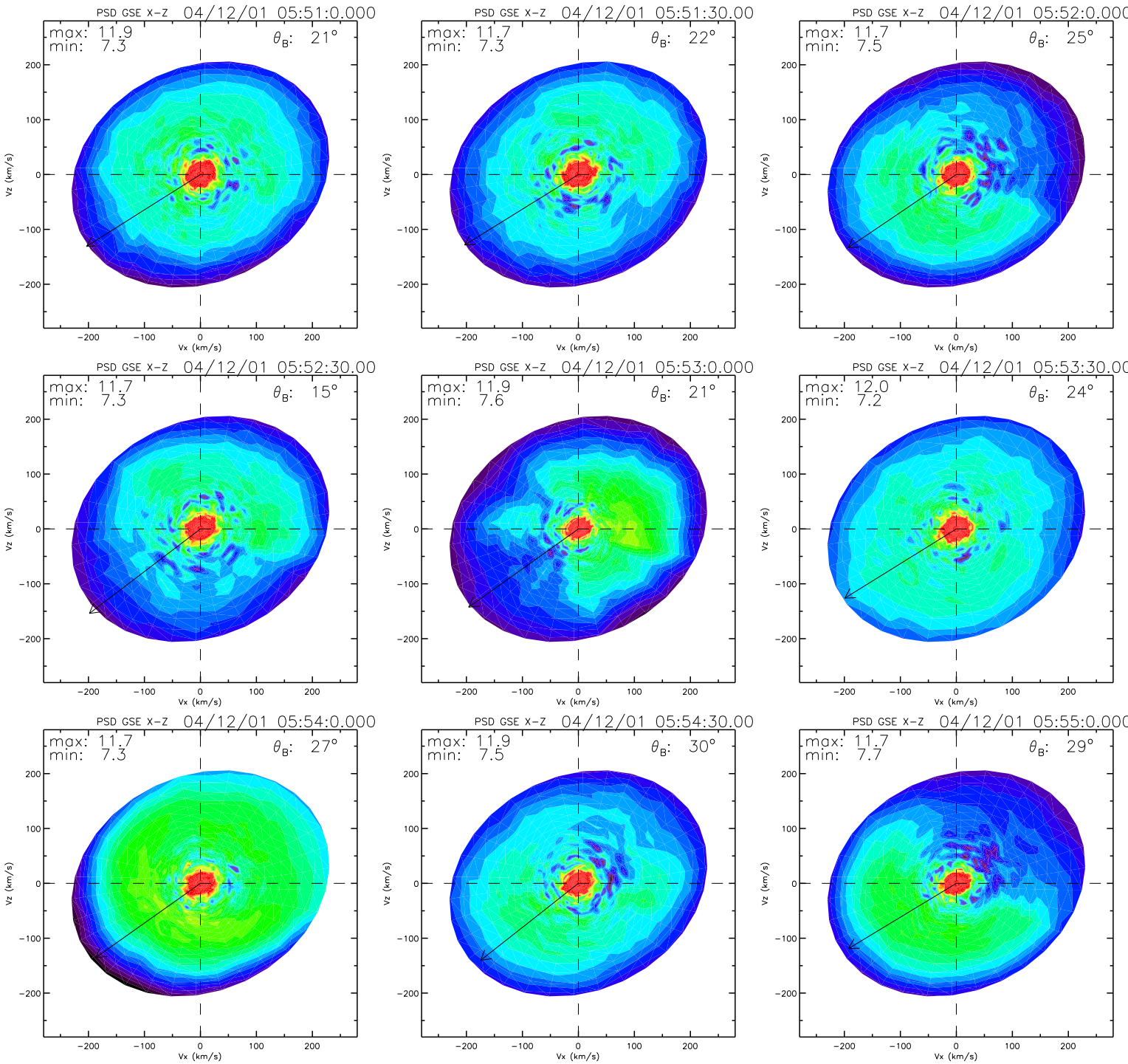

PSD GSE X-Z 04/12/01 05:28:30.00
max: 11.9
min: 7.0
θB: 3°
PSD GSE X-Z 04/12/01 05:29:0.000
max: 11.9
min: 6.1
θB: 4°
PSD GSE X-Z 04/12/01 05:29:30.00
max: 11.7
min: 4.8
θB: 6°
PSD GSE X-Z 04/12/01 05:30:0.000
max: 11.7
min: 7.0
θB: 7°
PSD GSE X-Z 04/12/01 05:30:30.00
max: 11.6
min: 7.2
θB: 5°
PSD GSE X-Z 04/12/01 05:31:0.000
max: 11.7
min: 5.4
θB: 8°
PSD GSE X-Z 04/12/01 05:31:30.00
max: 11.7
min: 5.2
θB: 8°
PSD GSE X-Z 04/12/01 05:32:0.000
max: 11.7
min: 4.9
θB: 9°
PSD GSE X-Z 04/12/01 05:32:30.00
max: 11.7
min: 6.5
θB: 8°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

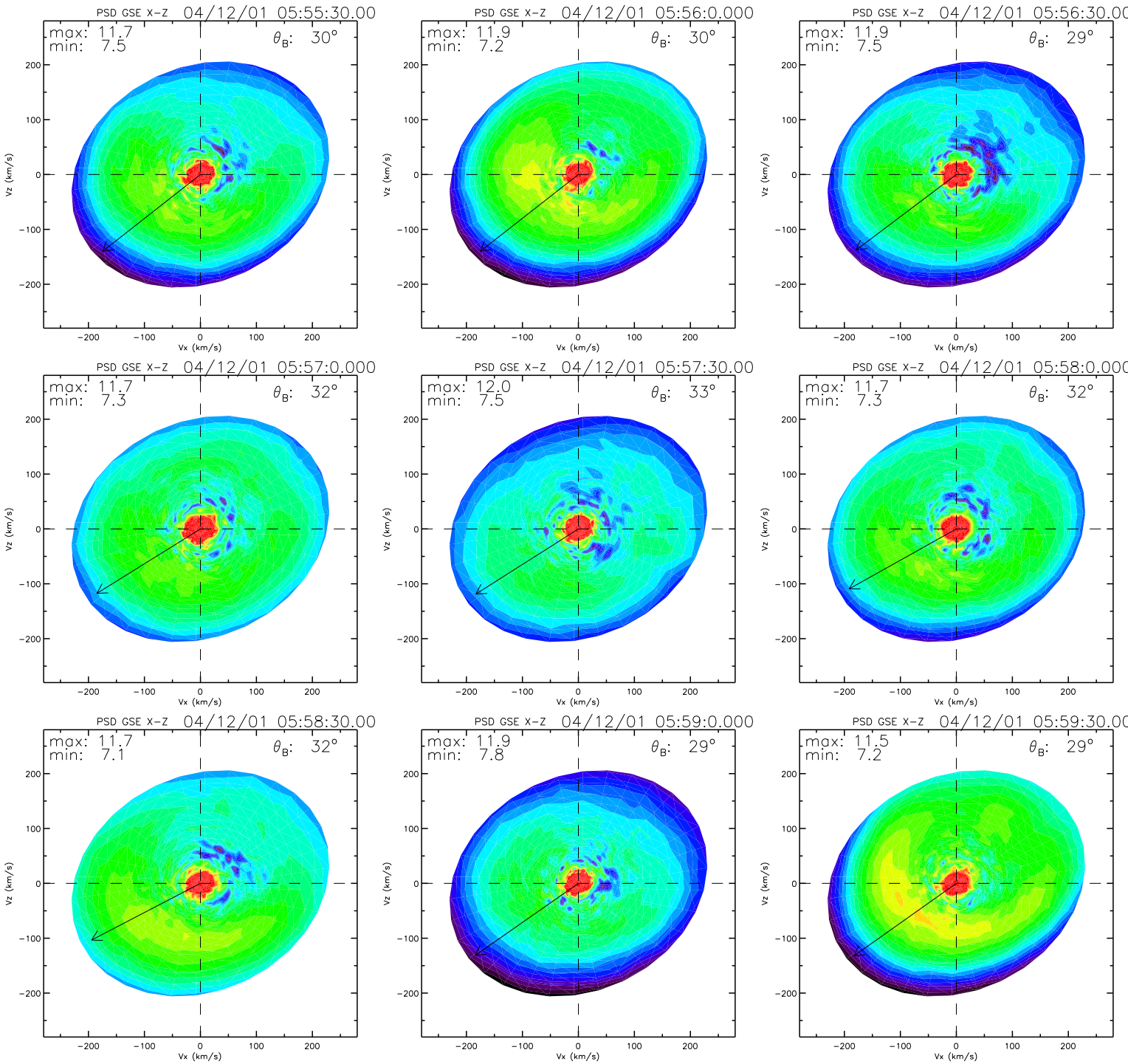

PSD GSE X-Z 04/12/01 05:33:0.000
max: 11.7
min: 5.4
θB: 7°
PSD GSE X-Z 04/12/01 05:33:30.00
max: 11.5
min: 7.3
θB: 0°
PSD GSE X-Z 04/12/01 05:34:0.000
max: 11.5
min: 6.4
θB: 4°
PSD GSE X-Z 04/12/01 05:34:30.00
max: 11.5
min: 7.4
θB: 2°
PSD GSE X-Z 04/12/01 05:35:0.000
max: 11.7
min: 6.9
θB: 2°
PSD GSE X-Z 04/12/01 05:35:30.00
max: 11.6
min: 7.0
θB: 8°
PSD GSE X-Z 04/12/01 05:36:0.000
max: 11.7
min: 6.6
θB: 6°
PSD GSE X-Z 04/12/01 05:36:30.00
max: 11.6
min: 6.5
θB: 6°
PSD GSE X-Z 04/12/01 05:37:0.000
max: 11.7
min: 5.1
θB: 9°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

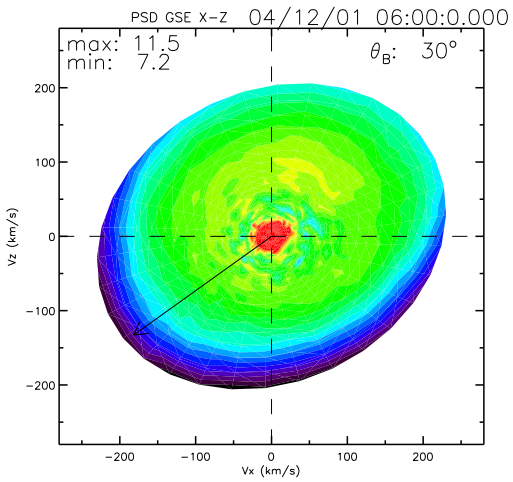

PSD GSE X-Z 04/12/01 05:37:30.00
max: 11.7
min: 5.1
θB: 10°
PSD GSE X-Z 04/12/01 05:38:0.000
max: 11.5
min: 5.0
θB: 11°
PSD GSE X-Z 04/12/01 05:38:30.00
max: 11.5
min: 5.4
θB: 10°
PSD GSE X-Z 04/12/01 05:39:0.000
max: 11.7
min: 5.0
θB: 7°
PSD GSE X-Z 04/12/01 05:39:30.00
max: 11.7
min: 5.1
θB: 8°
PSD GSE X-Z 04/12/01 05:40:0.000
max: 11.9
min: 5.7
θB: 7°
PSD GSE X-Z 04/12/01 05:40:30.00
max: 11.6
min: 5.5
θB: 9°
PSD GSE X-Z 04/12/01 05:41:0.000
max: 11.7
min: 6.0
θB: 11°
PSD GSE X-Z 04/12/01 05:41:30.00
max: 11.5
min: 4.5
θB: 12°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200


PSD GSE X-Z 04/12/01 05:42:0.000
max: 11.5
min: 6.0
θB: 9°
PSD GSE X-Z 04/12/01 05:42:30.00
max: 11.7
min: 5.5
θB: 10°
PSD GSE X-Z 04/12/01 05:43:0.000
max: 11.7
min: 6.2
θB: 8°
PSD GSE X-Z 04/12/01 05:43:30.00
max: 11.5
min: 6.3
θB: 12°
PSD GSE X-Z 04/12/01 05:44:0.000
max: 11.5
min: 6.6
θB: 11°
PSD GSE X-Z 04/12/01 05:44:30.00
max: 11.7
min: 6.3
θB: 10°
PSD GSE X-Z 04/12/01 05:45:0.000
max: 11.5
min: 5.6
θB: 11°
PSD GSE X-Z 04/12/01 05:45:30.00
max: 11.5
min: 5.7
θB: 9°
PSD GSE X-Z 04/12/01 05:46:0.000
max: 11.5
min: 5.5
θB: 12°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 04/12/01 05:46:30.00
max: 11.5
min: 5.7
θB: 11°
PSD GSE X-Z 04/12/01 05:47:0.000
max: 11.5
min: 7.1
θB: 14°
PSD GSE X-Z 04/12/01 05:47:30.00
max: 11.9
min: 7.5
θB: 15°
PSD GSE X-Z 04/12/01 05:48:0.000
max: 11.9
min: 7.3
θB: 21°
PSD GSE X-Z 04/12/01 05:48:30.00
max: 11.9
min: 7.4
θB: 13°
PSD GSE X-Z 04/12/01 05:49:0.000
max: 11.9
min: 6.8
θB: 20°
PSD GSE X-Z 04/12/01 05:49:30.00
max: 12.0
min: 7.5
θB: 28°
PSD GSE X-Z 04/12/01 05:50:0.000
max: 12.0
min: 7.1
θB: 17°
PSD GSE X-Z 04/12/01 05:50:30.00
max: 11.6
min: 7.3
θB: 17°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 04/12/01 05:51:0.000
max: 11.9
min: 7.3
θB: 21°
PSD GSE X-Z 04/12/01 05:51:30.00
max: 11.7
min: 7.3
θB: 22°
PSD GSE X-Z 04/12/01 05:52:0.000
max: 11.7
min: 7.5
θB: 25°
PSD GSE X-Z 04/12/01 05:52:30.00
max: 11.7
min: 7.3
θB: 15°
PSD GSE X-Z 04/12/01 05:53:0.000
max: 11.9
min: 7.6
θB: 21°
PSD GSE X-Z 04/12/01 05:53:30.00
max: 12.0
min: 7.2
θB: 24°
PSD GSE X-Z 04/12/01 05:54:0.000
max: 11.7
min: 7.3
θB: 27°
PSD GSE X-Z 04/12/01 05:54:30.00
max: 11.9
min: 7.5
θB: 30°
PSD GSE X-Z 04/12/01 05:55:0.000
max: 11.7
min: 7.7
θB: 29°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200


PSD GSE X-Z 04/12/01 05:55:30.00
max: 11.7
min: 7.5
θB: 30°
PSD GSE X-Z 04/12/01 05:56:0.000
max: 11.9
min: 7.2
θB: 30°
PSD GSE X-Z 04/12/01 05:56:30.00
max: 11.9
min: 7.5
θB: 29°
PSD GSE X-Z 04/12/01 05:57:0.000
max: 11.7
min: 7.3
θB: 32°
PSD GSE X-Z 04/12/01 05:57:30.00
max: 12.0
min: 7.5
θB: 33°
PSD GSE X-Z 04/12/01 05:58:0.000
max: 11.7
min: 7.3
θB: 32°
PSD GSE X-Z 04/12/01 05:58:30.00
max: 11.7
min: 7.1
θB: 32°
PSD GSE X-Z 04/12/01 05:59:0.000
max: 11.9
min: 7.8
θB: 29°
PSD GSE X-Z 04/12/01 05:59:30.00
max: 11.5
min: 7.2
θB: 29°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 04/12/01 06:00:0.000
max: 11.5
min: 7.2
θ_B: 30°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200
−200
−100
0
100
200