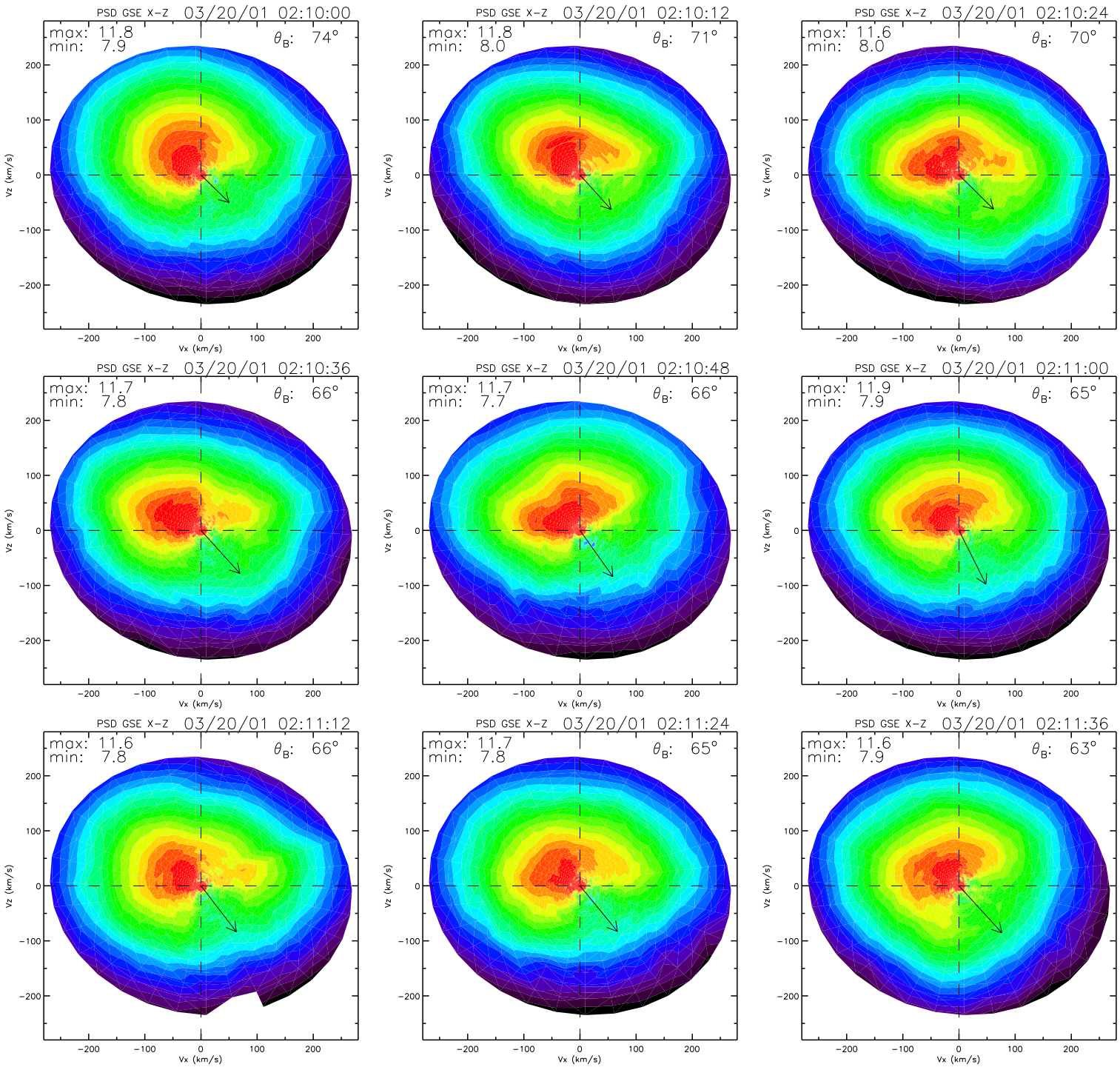
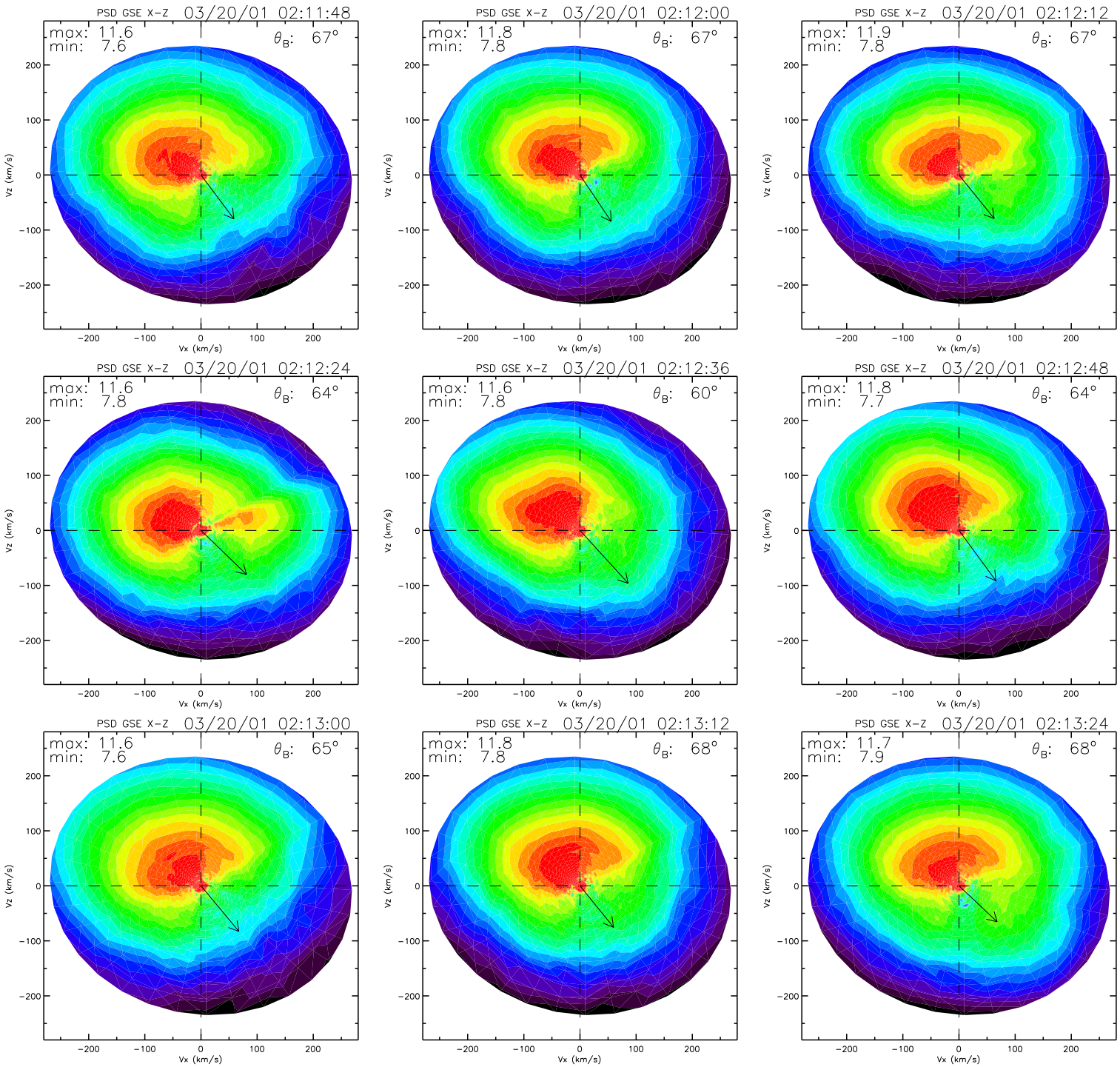
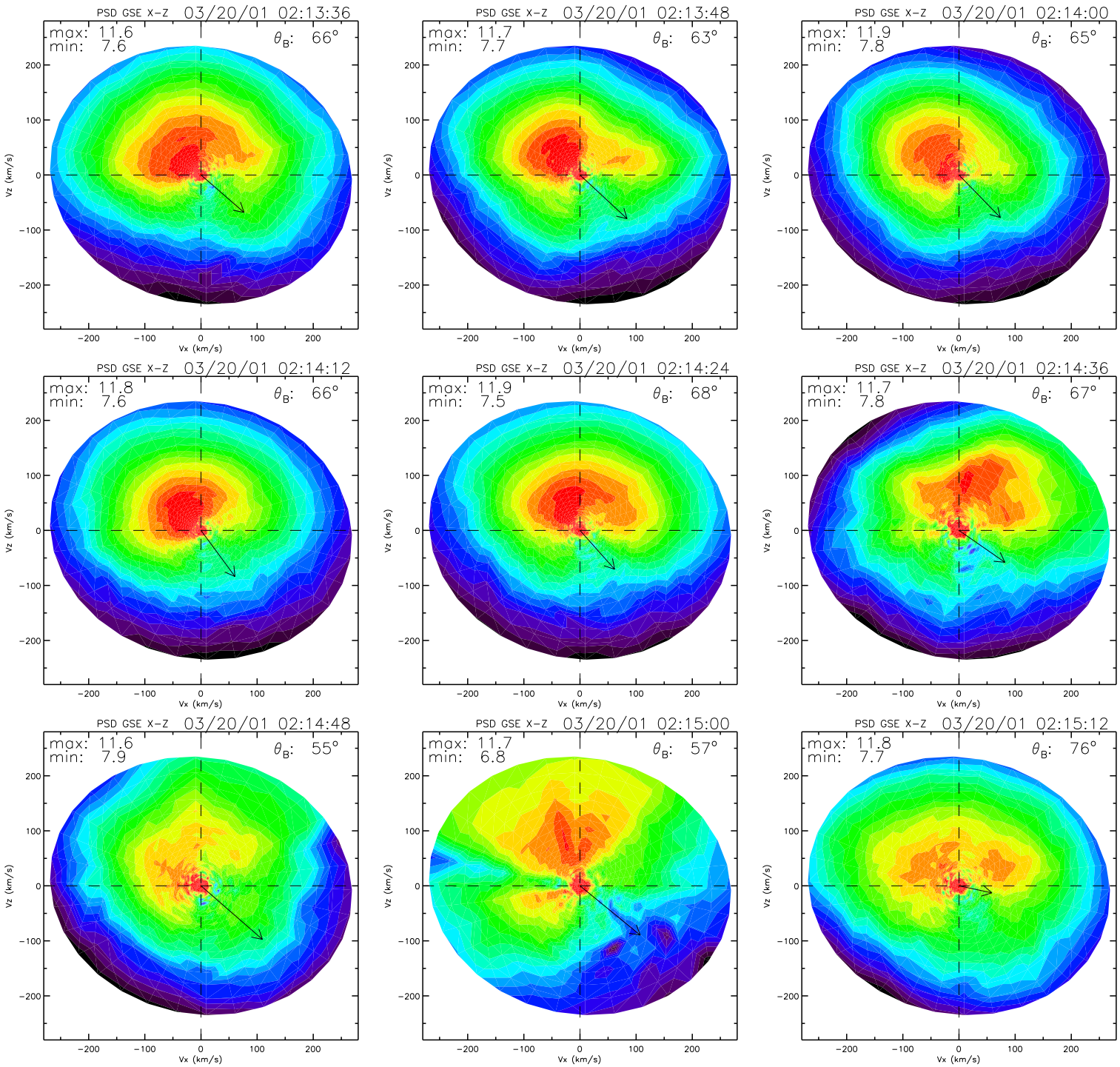
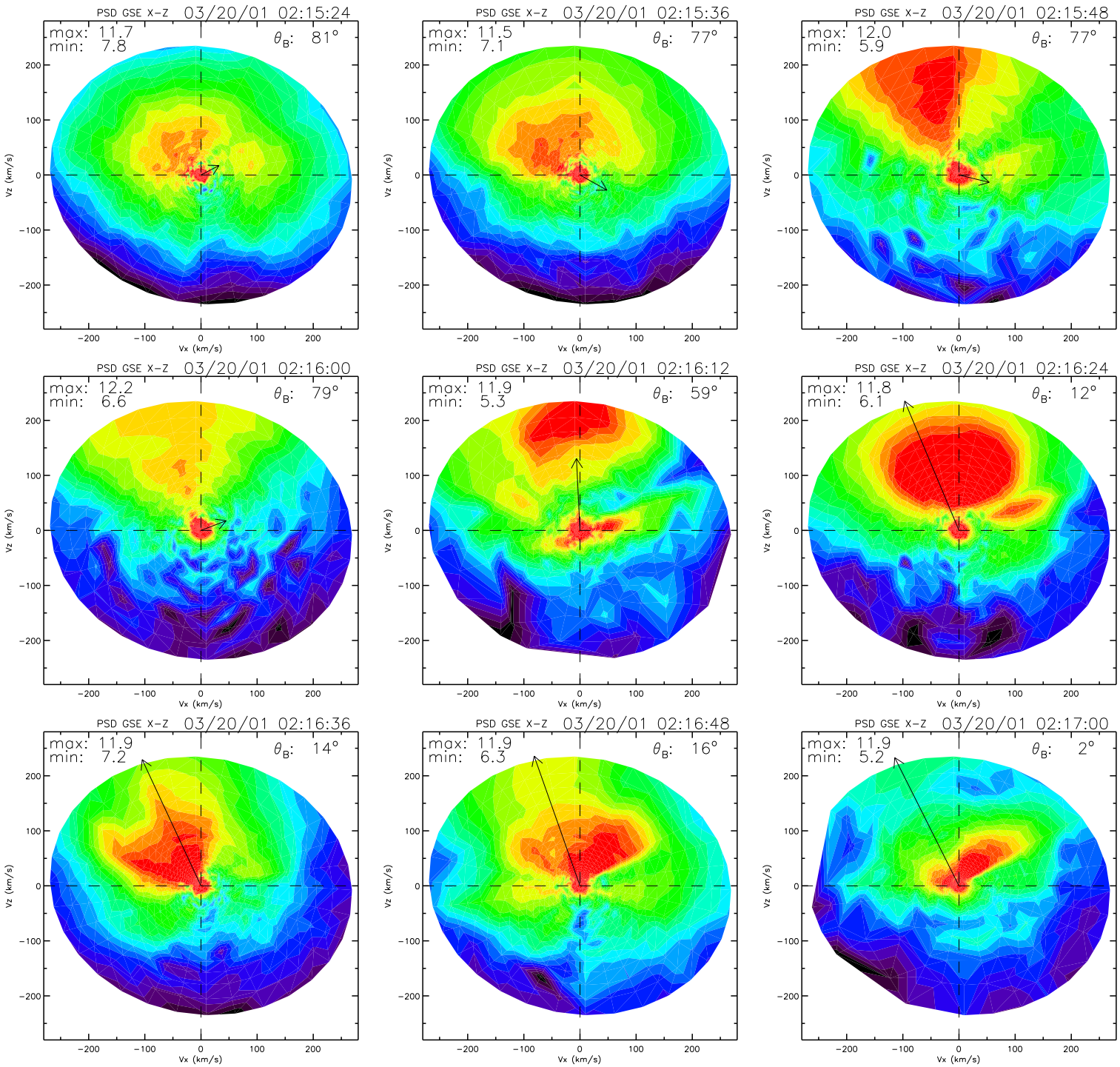
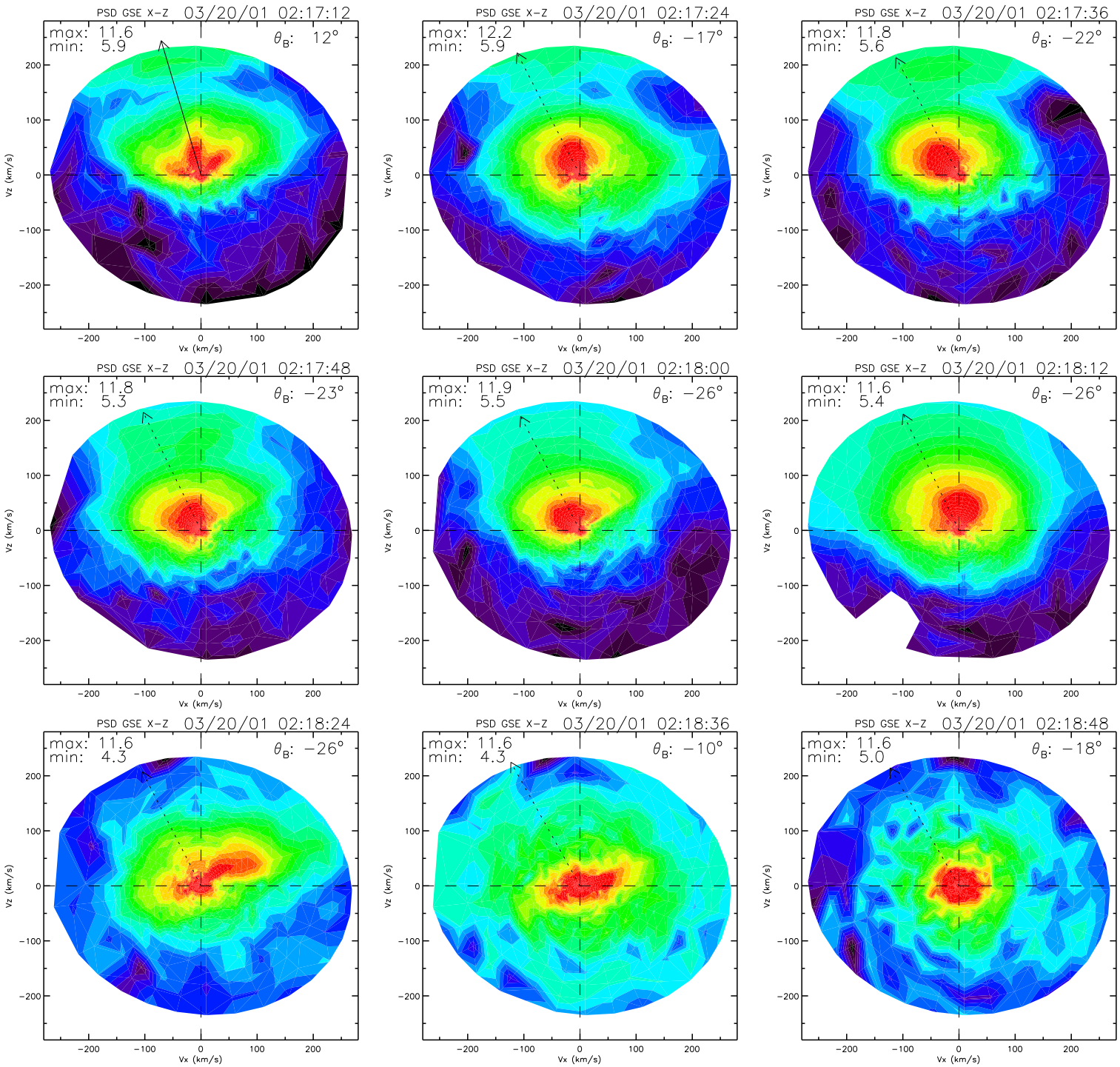
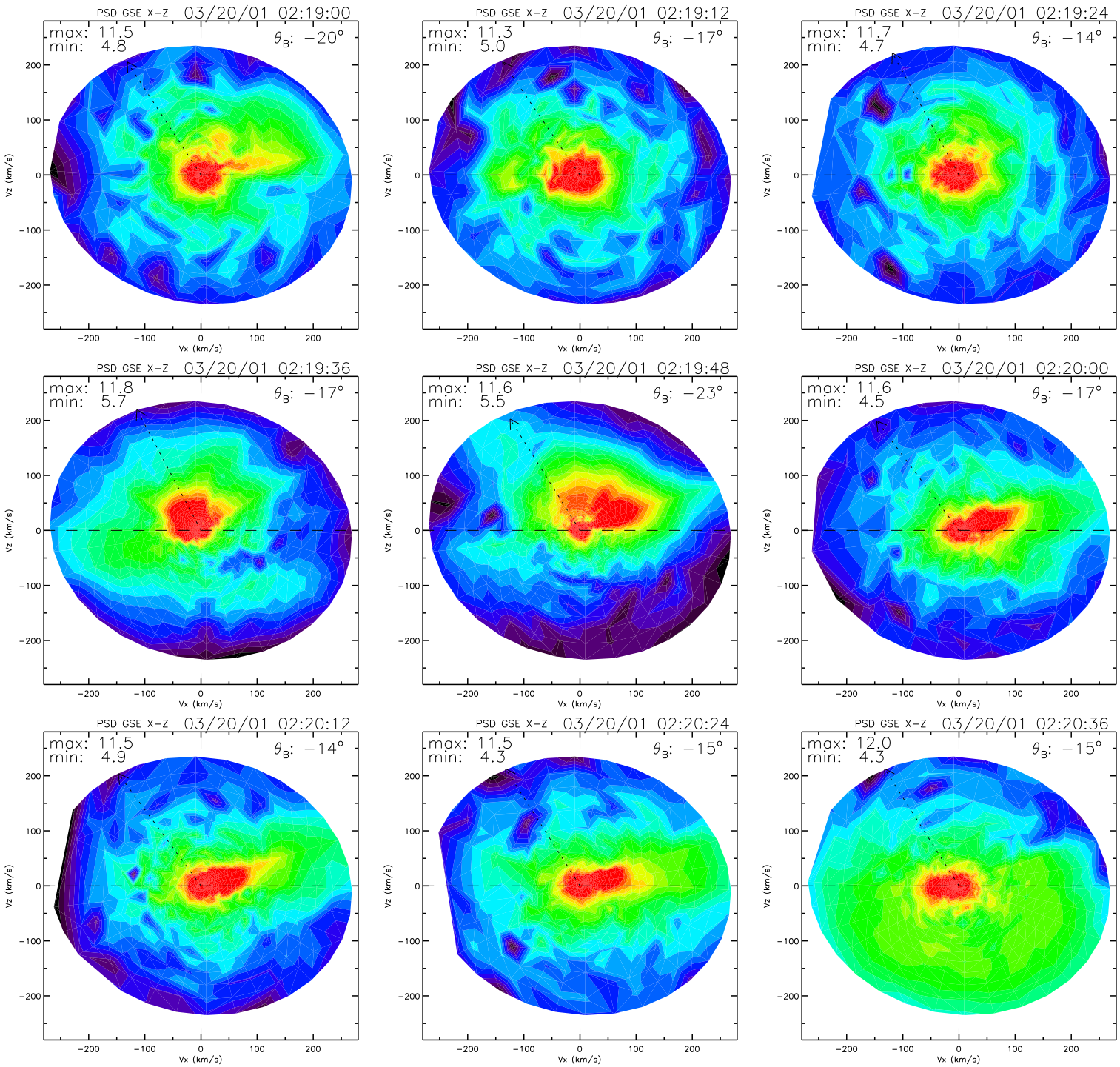

PSD GSE X-Z 03/20/01 02:10:00
max: 11.8
min: 7.9
θB: 74°
PSD GSE X-Z 03/20/01 02:10:12
max: 11.8
min: 8.0
θB: 71°
PSD GSE X-Z 03/20/01 02:10:24
max: 11.6
min: 8.0
θB: 70°
PSD GSE X-Z 03/20/01 02:10:36
max: 11.7
min: 7.8
θB: 66°
PSD GSE X-Z 03/20/01 02:10:48
max: 11.7
min: 7.7
θB: 66°
PSD GSE X-Z 03/20/01 02:11:00
max: 11.9
min: 7.9
θB: 65°
PSD GSE X-Z 03/20/01 02:11:12
max: 11.6
min: 7.8
θB: 66°
PSD GSE X-Z 03/20/01 02:11:24
max: 11.7
min: 7.8
θB: 65°
PSD GSE X-Z 03/20/01 02:11:36
max: 11.6
min: 7.9
θB: 63°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

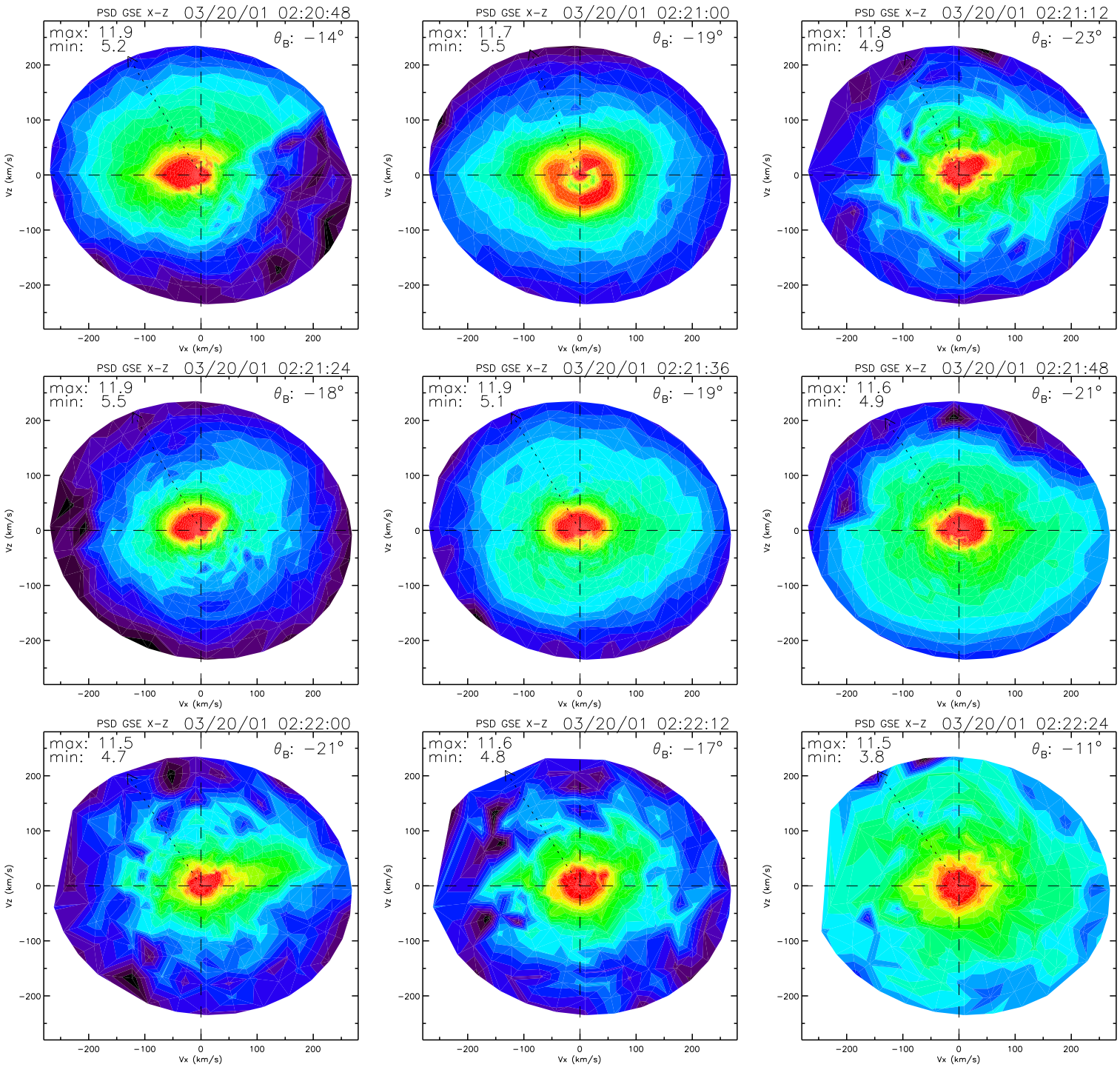

PSD GSE X-Z 03/20/01 02:11:48
max: 11.6
min: 7.6
θ_B: 67°
PSD GSE X-Z 03/20/01 02:12:00
max: 11.8
min: 7.8
θ_B: 67°
PSD GSE X-Z 03/20/01 02:12:12
max: 11.9
min: 7.8
θ_B: 67°
PSD GSE X-Z 03/20/01 02:12:24
max: 11.6
min: 7.8
θ_B: 64°
PSD GSE X-Z 03/20/01 02:12:36
max: 11.6
min: 7.8
θ_B: 60°
PSD GSE X-Z 03/20/01 02:12:48
max: 11.8
min: 7.7
θ_B: 64°
PSD GSE X-Z 03/20/01 02:13:00
max: 11.6
min: 7.6
θ_B: 65°
PSD GSE X-Z 03/20/01 02:13:12
max: 11.8
min: 7.8
θ_B: 68°
PSD GSE X-Z 03/20/01 02:13:24
max: 11.7
min: 7.9
θ_B: 68°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200

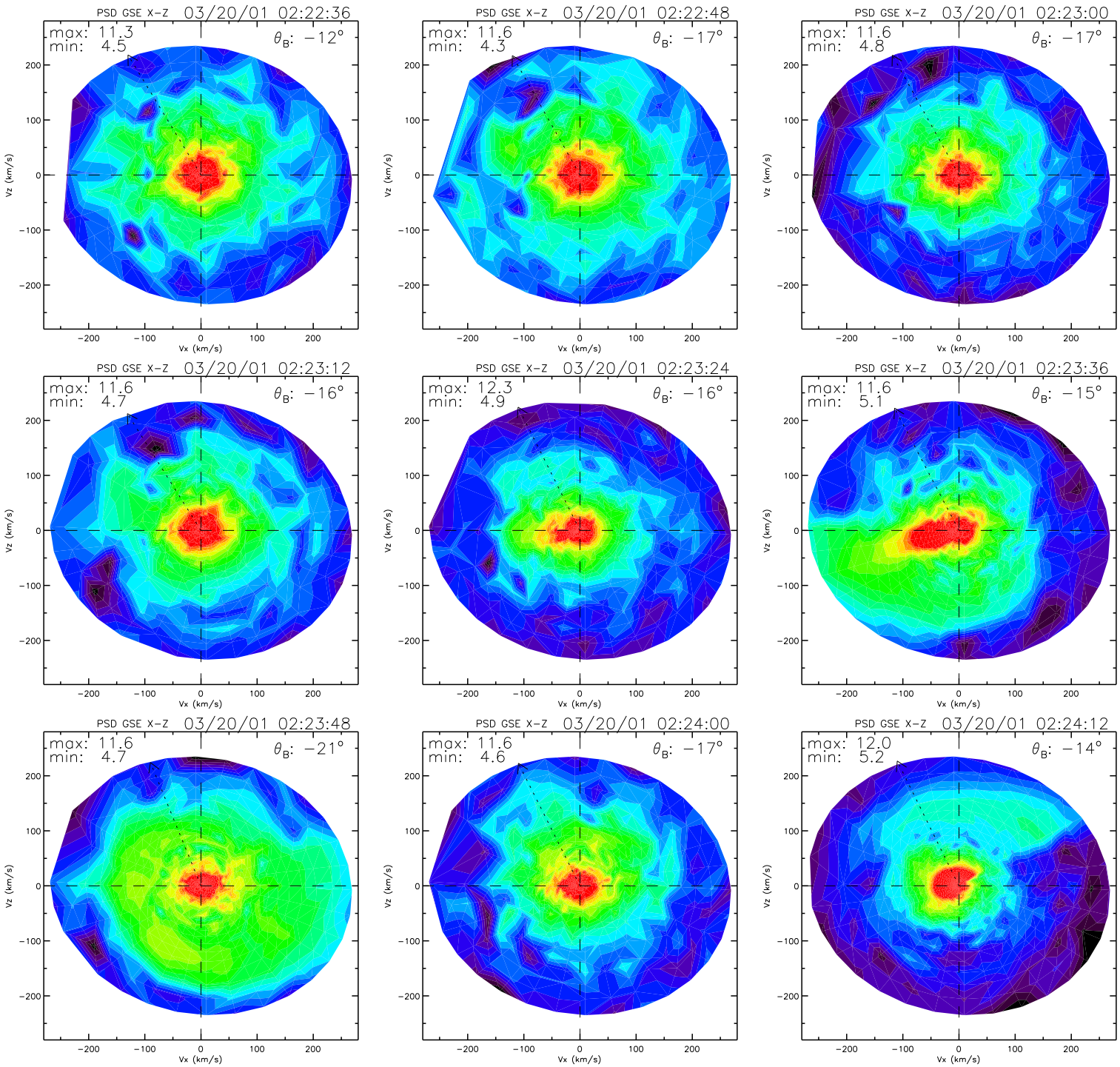

PSD GSE X-Z 03/20/01 02:13:36
max: 11.6
min: 7.6
θ_B: 66°
PSD GSE X-Z 03/20/01 02:13:48
max: 11.7
min: 7.7
θ_B: 63°
PSD GSE X-Z 03/20/01 02:14:00
max: 11.9
min: 7.8
θ_B: 65°
PSD GSE X-Z 03/20/01 02:14:12
max: 11.8
min: 7.6
θ_B: 66°
PSD GSE X-Z 03/20/01 02:14:24
max: 11.9
min: 7.5
θ_B: 68°
PSD GSE X-Z 03/20/01 02:14:36
max: 11.7
min: 7.8
θ_B: 67°
PSD GSE X-Z 03/20/01 02:14:48
max: 11.6
min: 7.9
θ_B: 55°
PSD GSE X-Z 03/20/01 02:15:00
max: 11.7
min: 6.8
θ_B: 57°
PSD GSE X-Z 03/20/01 02:15:12
max: 11.8
min: 7.7
θ_B: 76°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

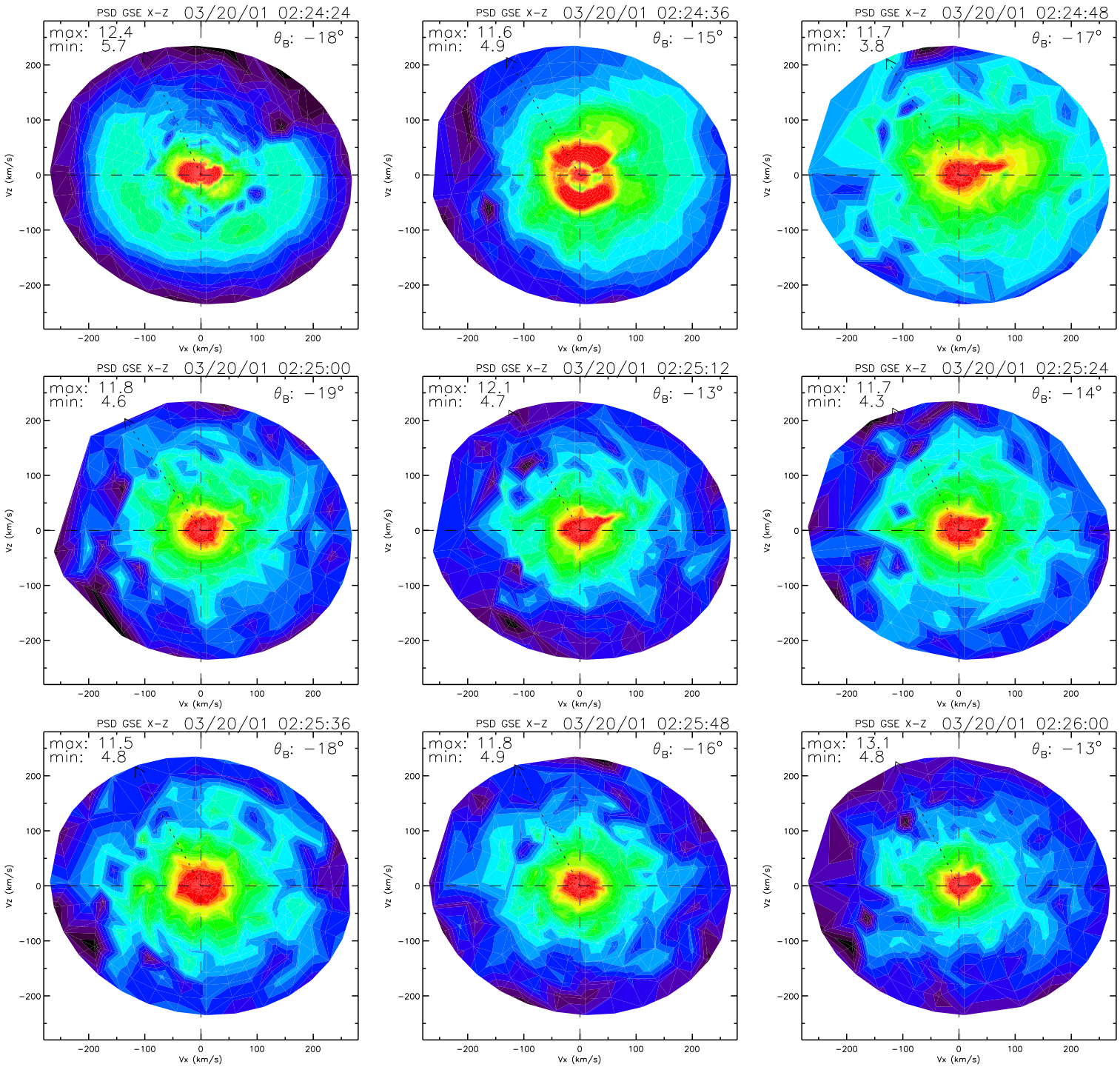

PSD GSE X-Z 03/20/01 02:15:24
max: 11.7
min: 7.8
θB: 81°
PSD GSE X-Z 03/20/01 02:15:36
max: 11.5
min: 7.1
θB: 77°
PSD GSE X-Z 03/20/01 02:15:48
max: 12.0
min: 5.9
θB: 77°
PSD GSE X-Z 03/20/01 02:16:00
max: 12.2
min: 6.6
θB: 79°
PSD GSE X-Z 03/20/01 02:16:12
max: 11.9
min: 5.3
θB: 59°
PSD GSE X-Z 03/20/01 02:16:24
max: 11.8
min: 6.1
θB: 12°
PSD GSE X-Z 03/20/01 02:16:36
max: 11.9
min: 7.2
θB: 14°
PSD GSE X-Z 03/20/01 02:16:48
max: 11.9
min: 6.3
θB: 16°
PSD GSE X-Z 03/20/01 02:17:00
max: 11.9
min: 5.2
θB: 2°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

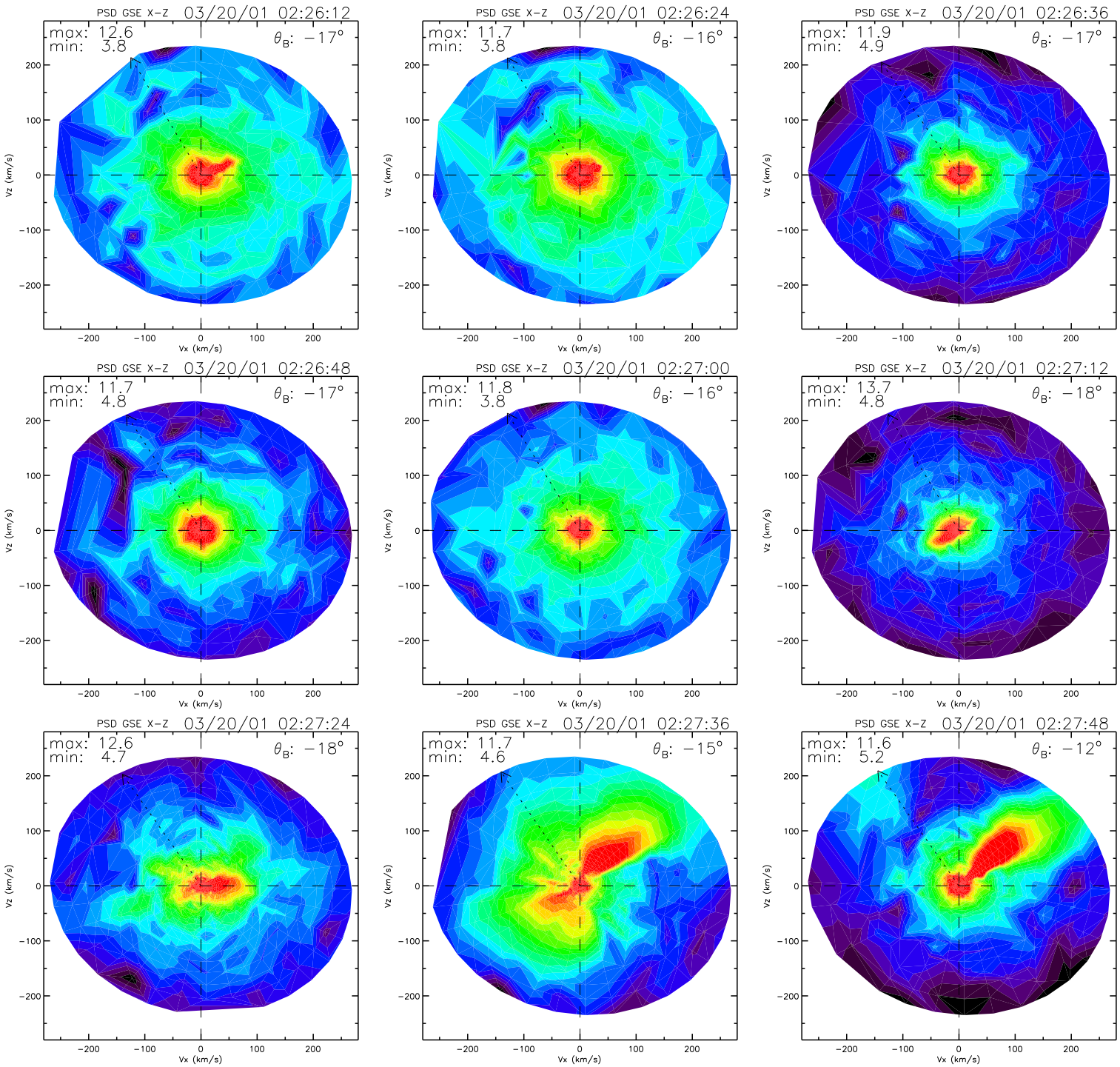

PSD GSE X-Z 03/20/01 02:17:12
max: 11.6
min: 5.9
θ_B: 12°
PSD GSE X-Z 03/20/01 02:17:24
max: 12.2
min: 5.9
θ_B: −17°
PSD GSE X-Z 03/20/01 02:17:36
max: 11.8
min: 5.6
θ_B: −22°
PSD GSE X-Z 03/20/01 02:17:48
max: 11.8
min: 5.3
θ_B: −23°
PSD GSE X-Z 03/20/01 02:18:00
max: 11.9
min: 5.5
θ_B: −26°
PSD GSE X-Z 03/20/01 02:18:12
max: 11.6
min: 5.4
θ_B: −26°
PSD GSE X-Z 03/20/01 02:18:24
max: 11.6
min: 4.3
θ_B: −26°
PSD GSE X-Z 03/20/01 02:18:36
max: 11.6
min: 4.3
θ_B: −10°
PSD GSE X-Z 03/20/01 02:18:48
max: 11.6
min: 5.0
θ_B: −18°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

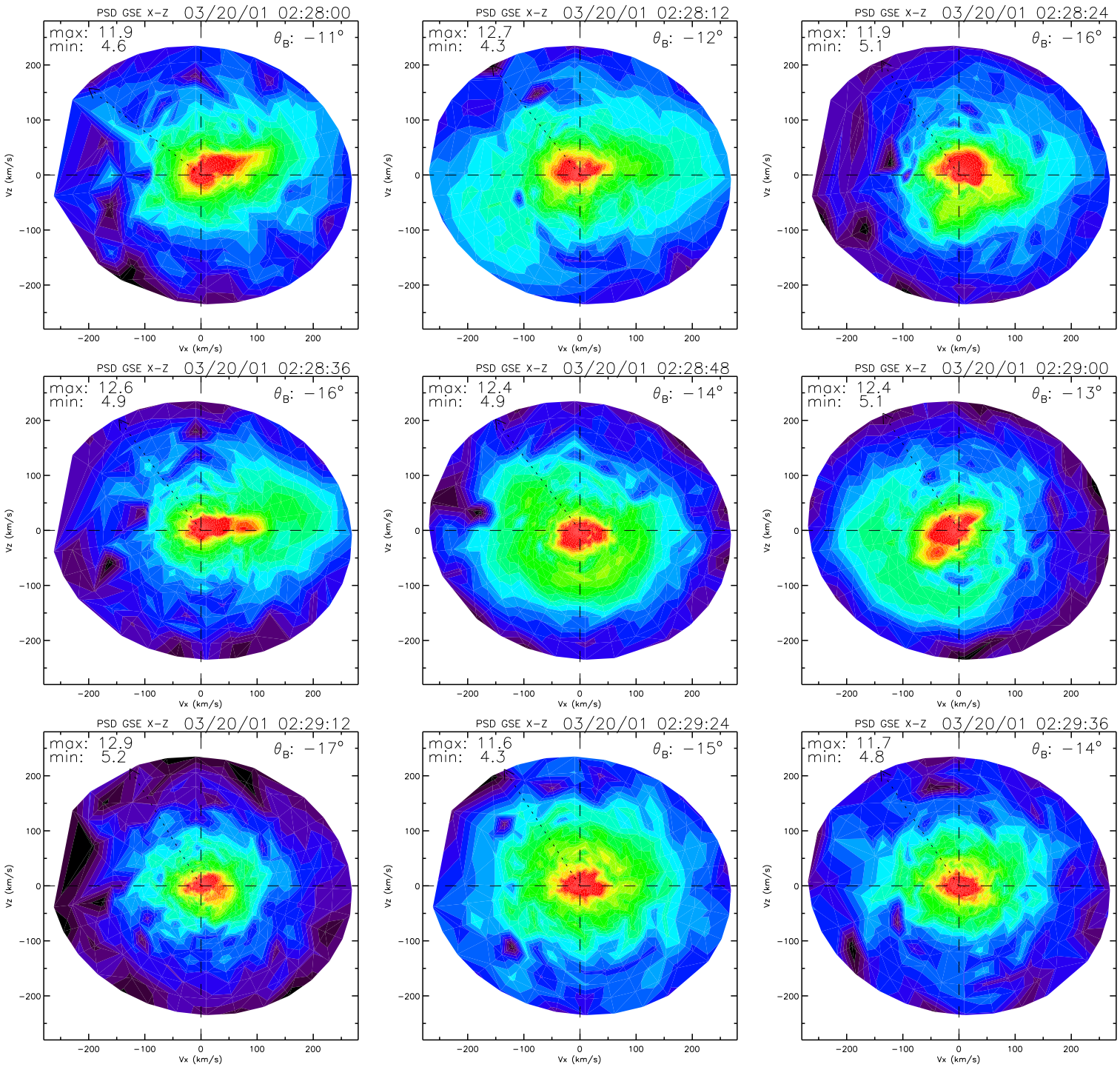

PSD GSE X-Z 03/20/01 02:19:00
max: 11.5
min: 4.8
θ_B: −20°
PSD GSE X-Z 03/20/01 02:19:12
max: 11.3
min: 5.0
θ_B: −17°
PSD GSE X-Z 03/20/01 02:19:24
max: 11.7
min: 4.7
θ_B: −14°
PSD GSE X-Z 03/20/01 02:19:36
max: 11.8
min: 5.7
θ_B: −17°
PSD GSE X-Z 03/20/01 02:19:48
max: 11.6
min: 5.5
θ_B: −23°
PSD GSE X-Z 03/20/01 02:20:00
max: 11.6
min: 4.5
θ_B: −17°
PSD GSE X-Z 03/20/01 02:20:12
max: 11.5
min: 4.9
θ_B: −14°
PSD GSE X-Z 03/20/01 02:20:24
max: 11.5
min: 4.3
θ_B: −15°
PSD GSE X-Z 03/20/01 02:20:36
max: 12.0
min: 4.3
θ_B: −15°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

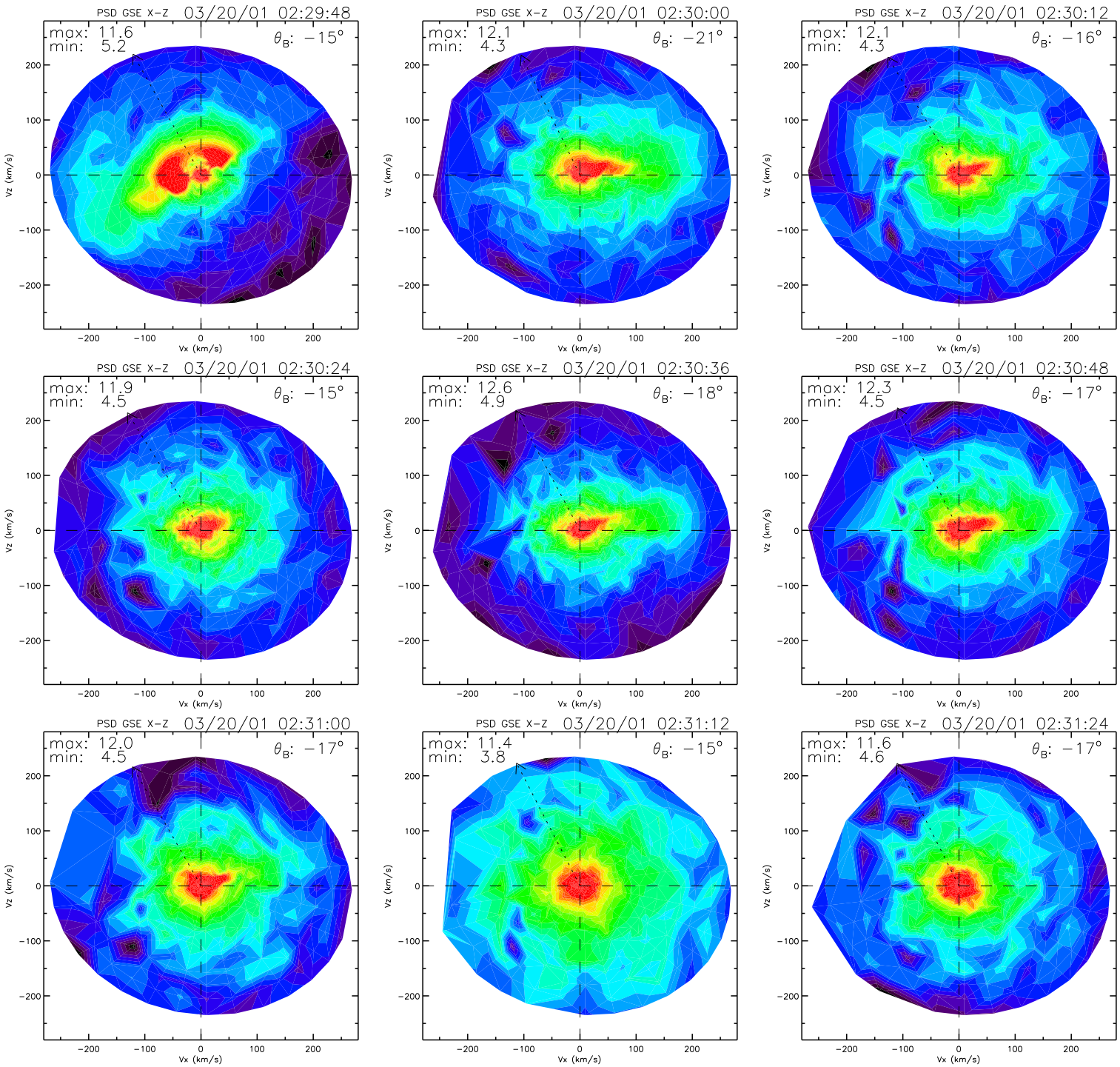

PSD GSE X-Z 03/20/01 02:20:48
max: 11.9
min: 5.2
θ_B: −14°
PSD GSE X-Z 03/20/01 02:21:00
max: 11.7
min: 5.5
θ_B: −19°
PSD GSE X-Z 03/20/01 02:21:12
max: 11.8
min: 4.9
θ_B: −23°
PSD GSE X-Z 03/20/01 02:21:24
max: 11.9
min: 5.5
θ_B: −18°
PSD GSE X-Z 03/20/01 02:21:36
max: 11.9
min: 5.1
θ_B: −19°
PSD GSE X-Z 03/20/01 02:21:48
max: 11.6
min: 4.9
θ_B: −21°
PSD GSE X-Z 03/20/01 02:22:00
max: 11.5
min: 4.7
θ_B: −21°
PSD GSE X-Z 03/20/01 02:22:12
max: 11.6
min: 4.8
θ_B: −17°
PSD GSE X-Z 03/20/01 02:22:24
max: 11.5
min: 3.8
θ_B: −11°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

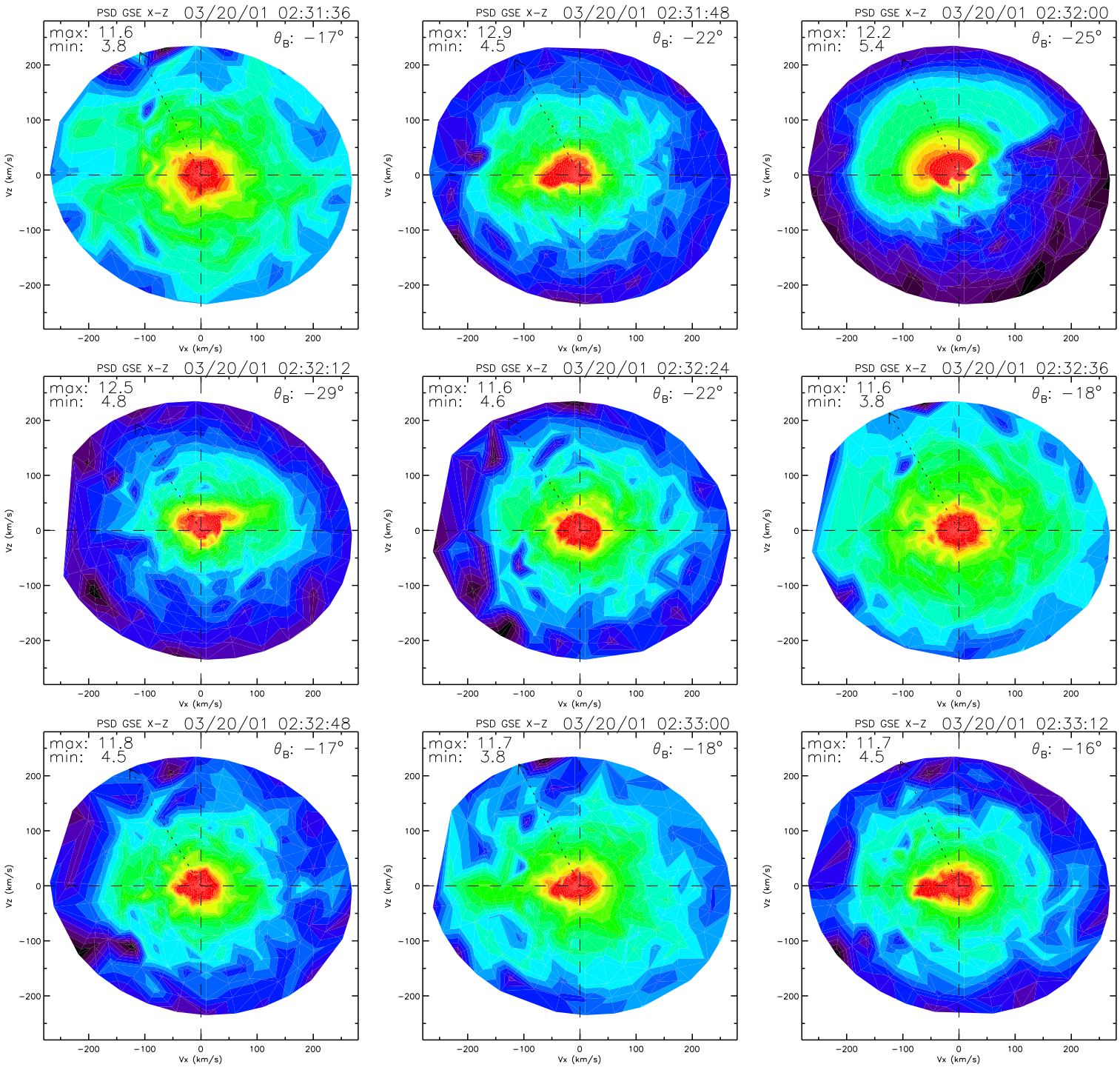

PSD GSE X-Z 03/20/01 02:22:36
max: 11.3
min: 4.5
θB: −12°
PSD GSE X-Z 03/20/01 02:22:48
max: 11.6
min: 4.3
θB: −17°
PSD GSE X-Z 03/20/01 02:23:00
max: 11.6
min: 4.8
θB: −17°
PSD GSE X-Z 03/20/01 02:23:12
max: 11.6
min: 4.7
θB: −16°
PSD GSE X-Z 03/20/01 02:23:24
max: 12.3
min: 4.9
θB: −16°
PSD GSE X-Z 03/20/01 02:23:36
max: 11.6
min: 5.1
θB: −15°
PSD GSE X-Z 03/20/01 02:23:48
max: 11.6
min: 4.7
θB: −21°
PSD GSE X-Z 03/20/01 02:24:00
max: 11.6
min: 4.6
θB: −17°
PSD GSE X-Z 03/20/01 02:24:12
max: 12.0
min: 5.2
θB: −14°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

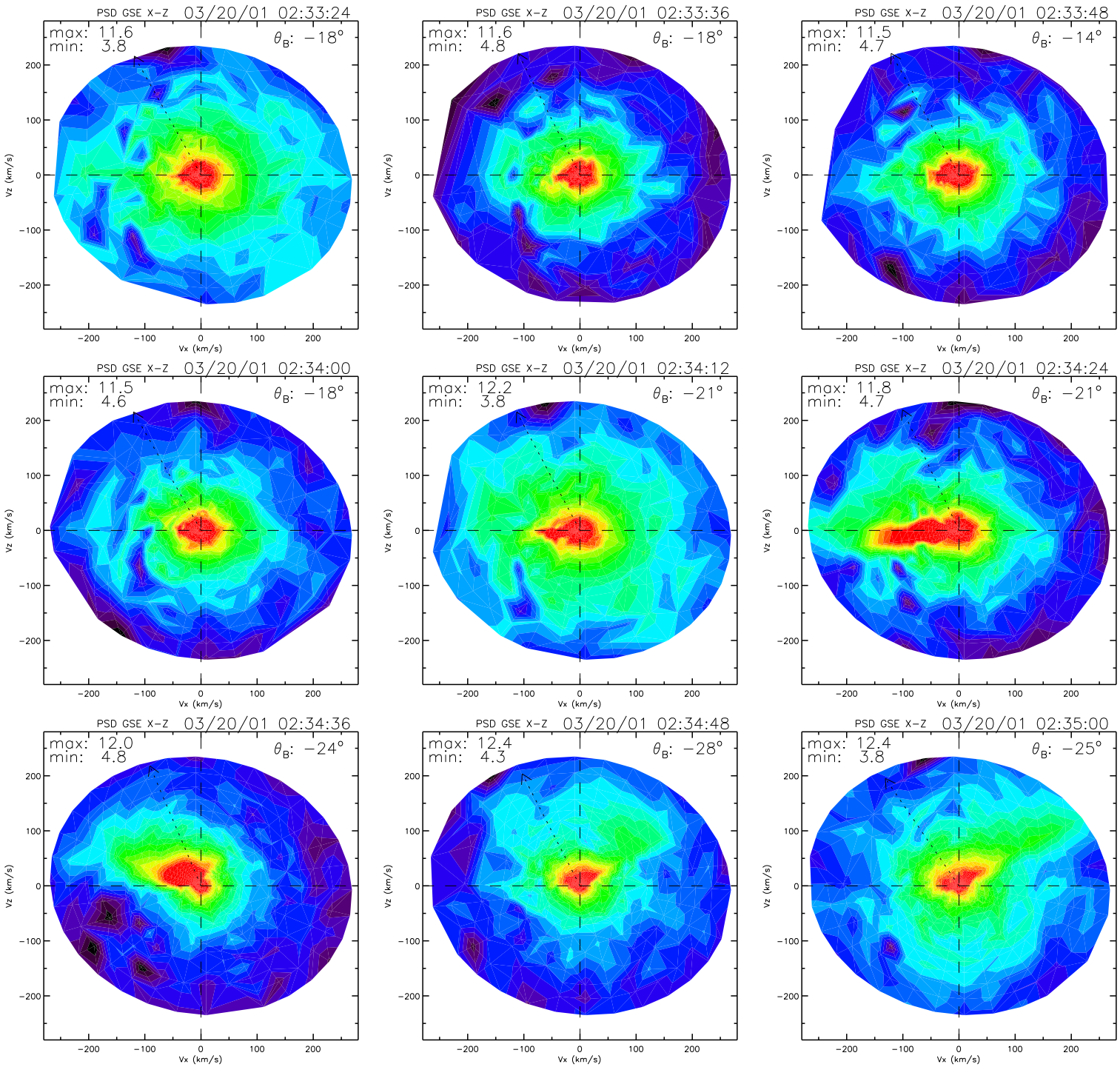

PSD GSE X-Z 03/20/01 02:24:24
max: 12.4
min: 5.7
θ_B: −18°
PSD GSE X-Z 03/20/01 02:24:36
max: 11.6
min: 4.9
θ_B: −15°
PSD GSE X-Z 03/20/01 02:24:48
max: 11.7
min: 3.8
θ_B: −17°
PSD GSE X-Z 03/20/01 02:25:00
max: 11.8
min: 4.6
θ_B: −19°
PSD GSE X-Z 03/20/01 02:25:12
max: 12.1
min: 4.7
θ_B: −13°
PSD GSE X-Z 03/20/01 02:25:24
max: 11.7
min: 4.3
θ_B: −14°
PSD GSE X-Z 03/20/01 02:25:36
max: 11.5
min: 4.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:25:48
max: 11.8
min: 4.9
θ_B: −16°
PSD GSE X-Z 03/20/01 02:26:00
max: 13.1
min: 4.8
θ_B: −13°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

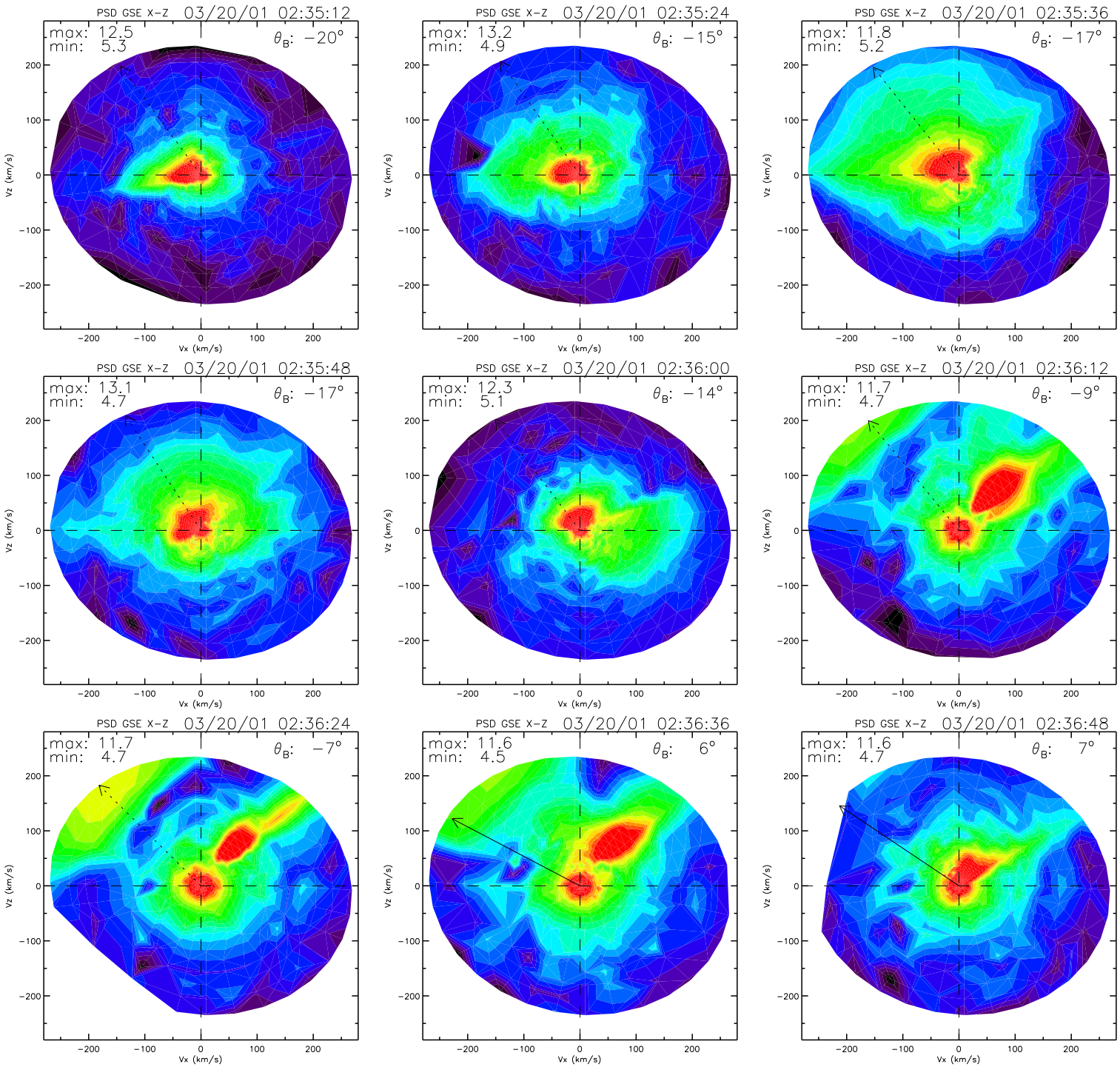

PSD GSE X-Z 03/20/01 02:26:12
max: 12.6
min: 3.8
θ_B: −17°
PSD GSE X-Z 03/20/01 02:26:24
max: 11.7
min: 3.8
θ_B: −16°
PSD GSE X-Z 03/20/01 02:26:36
max: 11.9
min: 4.9
θ_B: −17°
PSD GSE X-Z 03/20/01 02:26:48
max: 11.7
min: 4.8
θ_B: −17°
PSD GSE X-Z 03/20/01 02:27:00
max: 11.8
min: 3.8
θ_B: −16°
PSD GSE X-Z 03/20/01 02:27:12
max: 13.7
min: 4.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:27:24
max: 12.6
min: 4.7
θ_B: −18°
PSD GSE X-Z 03/20/01 02:27:36
max: 11.7
min: 4.6
θ_B: −15°
PSD GSE X-Z 03/20/01 02:27:48
max: 11.6
min: 5.2
θ_B: −12°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

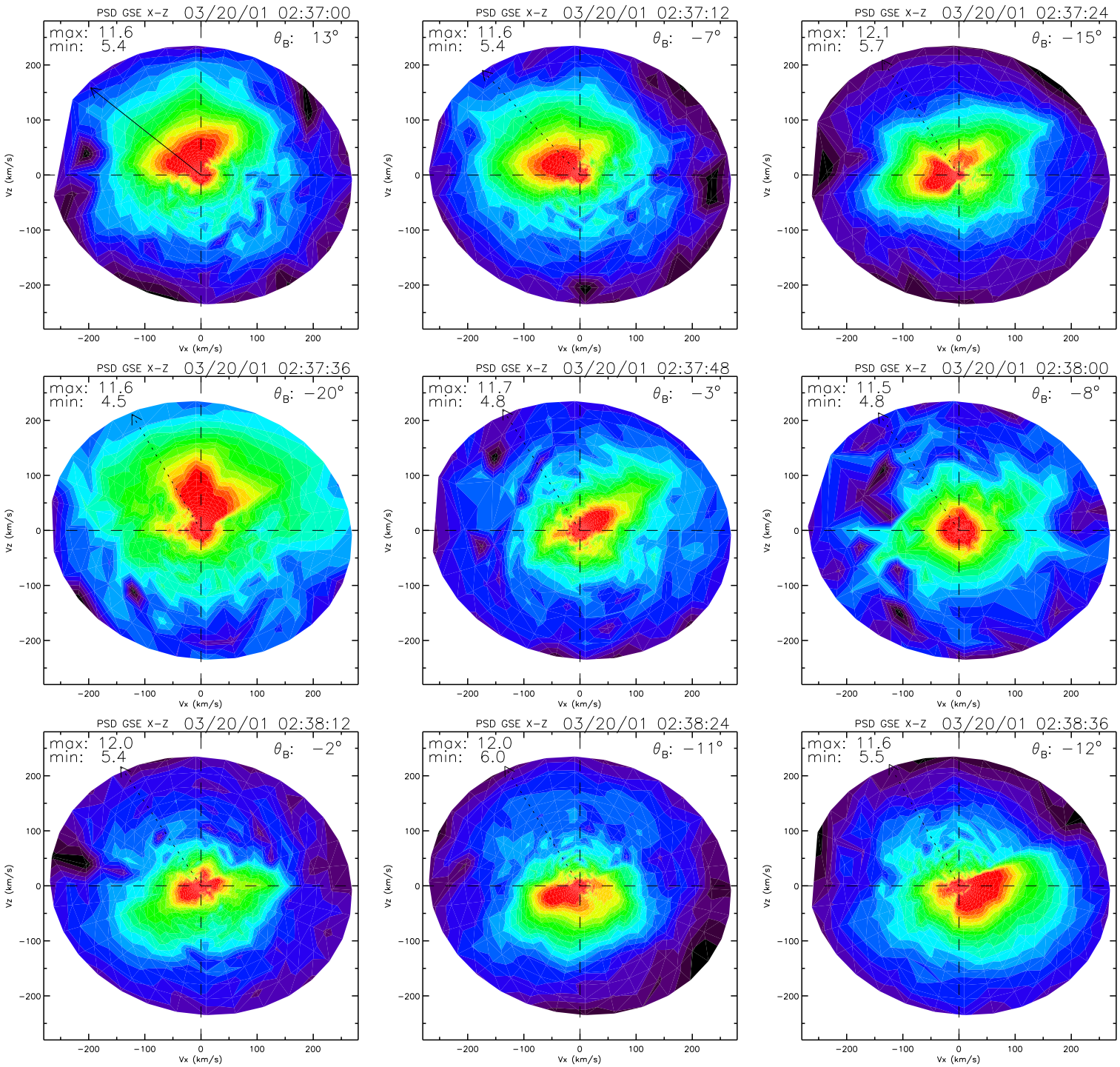

PSD GSE X-Z 03/20/01 02:28:00
max: 11.9
min: 4.6
θB: −11°
PSD GSE X-Z 03/20/01 02:28:12
max: 12.7
min: 4.3
θB: −12°
PSD GSE X-Z 03/20/01 02:28:24
max: 11.9
min: 5.1
θB: −16°
PSD GSE X-Z 03/20/01 02:28:36
max: 12.6
min: 4.9
θB: −16°
PSD GSE X-Z 03/20/01 02:28:48
max: 12.4
min: 4.9
θB: −14°
PSD GSE X-Z 03/20/01 02:29:00
max: 12.4
min: 5.1
θB: −13°
PSD GSE X-Z 03/20/01 02:29:12
max: 12.9
min: 5.2
θB: −17°
PSD GSE X-Z 03/20/01 02:29:24
max: 11.6
min: 4.3
θB: −15°
PSD GSE X-Z 03/20/01 02:29:36
max: 11.7
min: 4.8
θB: −14°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

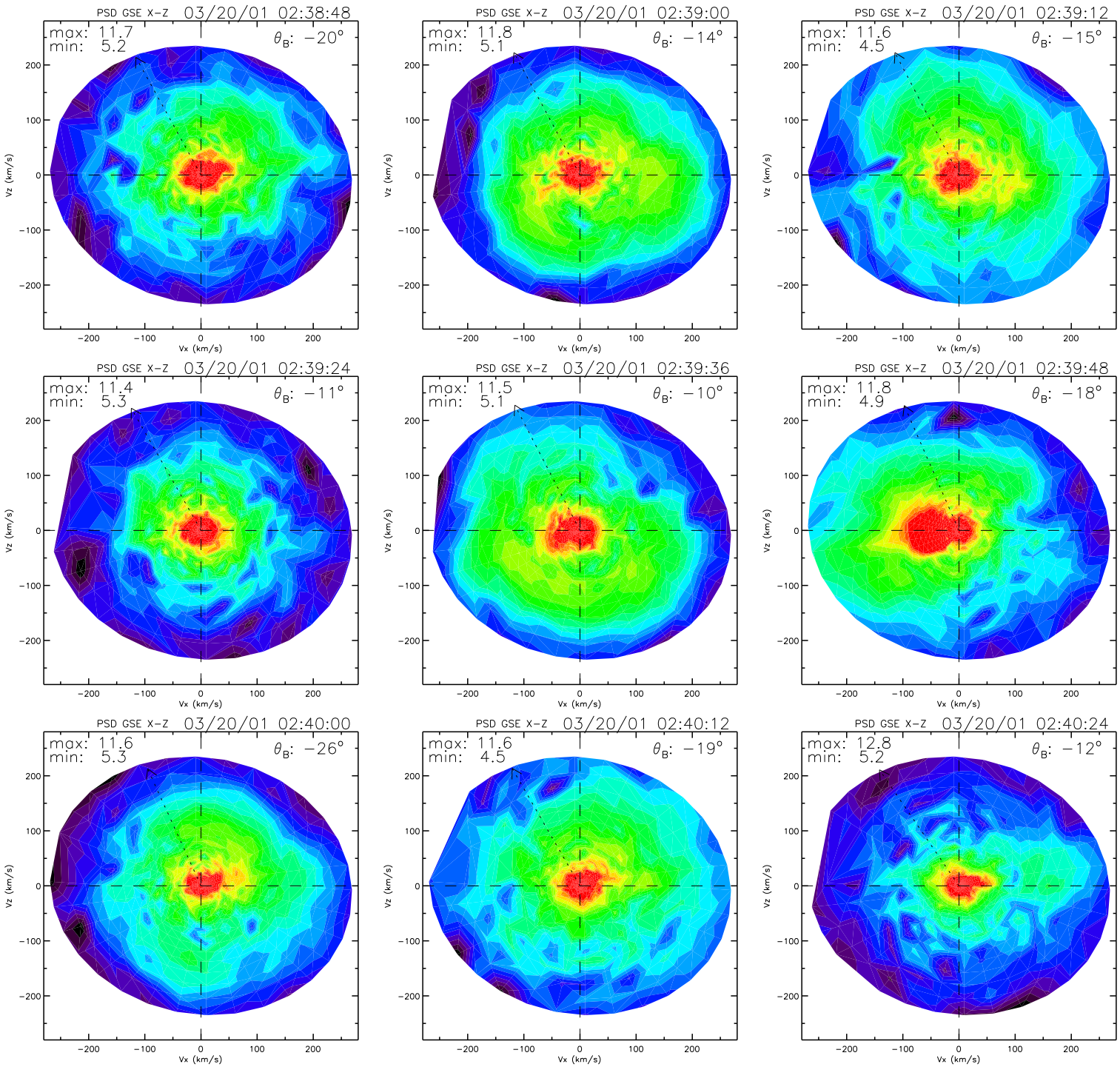

PSD GSE X-Z 03/20/01 02:29:48
max: 11.6
min: 5.2
θ_B: −15°
PSD GSE X-Z 03/20/01 02:30:00
max: 12.1
min: 4.3
θ_B: −21°
PSD GSE X-Z 03/20/01 02:30:12
max: 12.1
min: 4.3
θ_B: −16°
PSD GSE X-Z 03/20/01 02:30:24
max: 11.9
min: 4.5
θ_B: −15°
PSD GSE X-Z 03/20/01 02:30:36
max: 12.6
min: 4.9
θ_B: −18°
PSD GSE X-Z 03/20/01 02:30:48
max: 12.3
min: 4.5
θ_B: −17°
PSD GSE X-Z 03/20/01 02:31:00
max: 12.0
min: 4.5
θ_B: −17°
PSD GSE X-Z 03/20/01 02:31:12
max: 11.4
min: 3.8
θ_B: −15°
PSD GSE X-Z 03/20/01 02:31:24
max: 11.6
min: 4.6
θ_B: −17°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

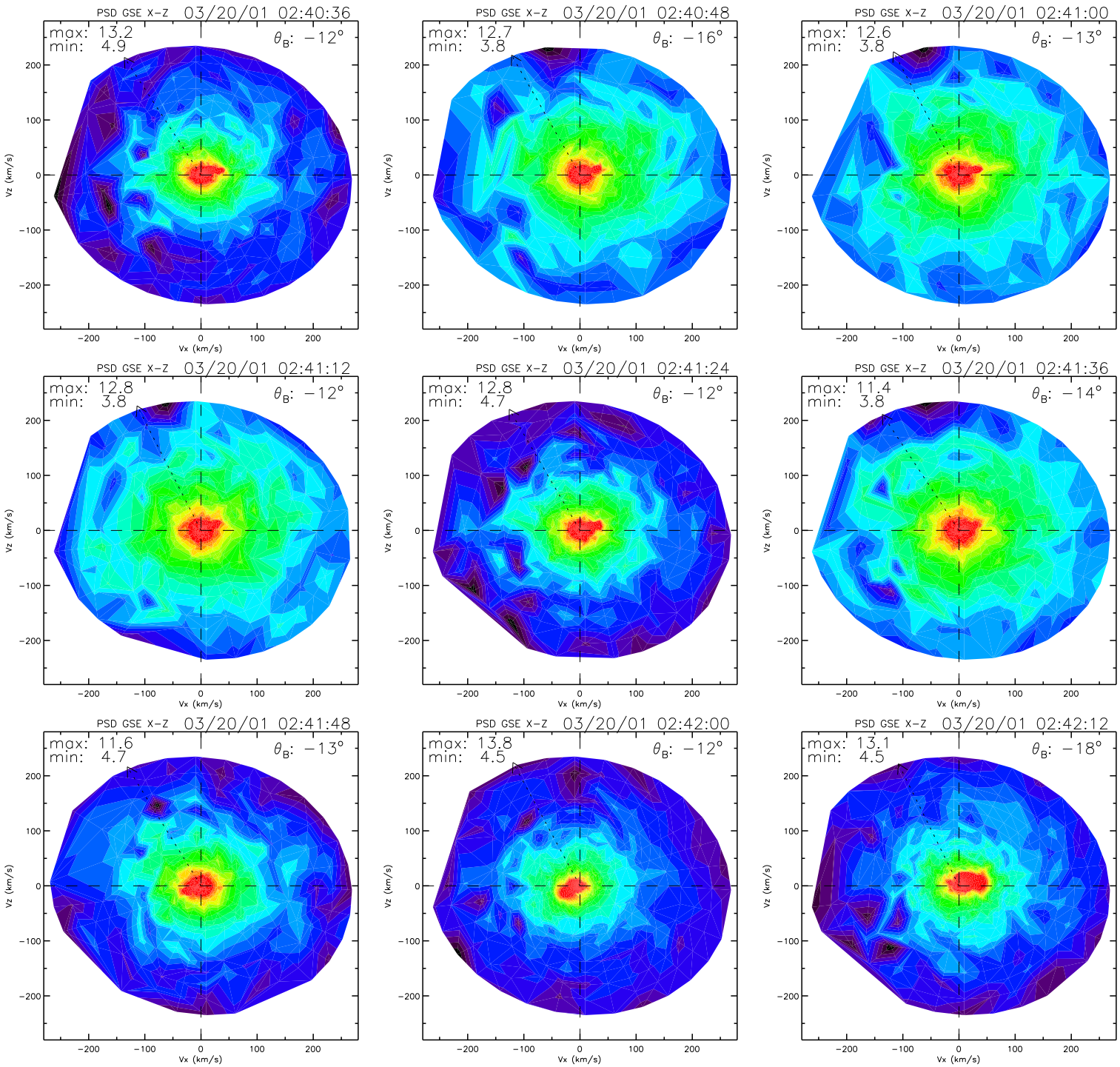

PSD GSE X-Z 03/20/01 02:31:36
max: 11.6
min: 3.8
θ_B: −17°
PSD GSE X-Z 03/20/01 02:31:48
max: 12.9
min: 4.5
θ_B: −22°
PSD GSE X-Z 03/20/01 02:32:00
max: 12.2
min: 5.4
θ_B: −25°
PSD GSE X-Z 03/20/01 02:32:12
max: 12.5
min: 4.8
θ_B: −29°
PSD GSE X-Z 03/20/01 02:32:24
max: 11.6
min: 4.6
θ_B: −22°
PSD GSE X-Z 03/20/01 02:32:36
max: 11.6
min: 3.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:32:48
max: 11.8
min: 4.5
θ_B: −17°
PSD GSE X-Z 03/20/01 02:33:00
max: 11.7
min: 3.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:33:12
max: 11.7
min: 4.5
θ_B: −16°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

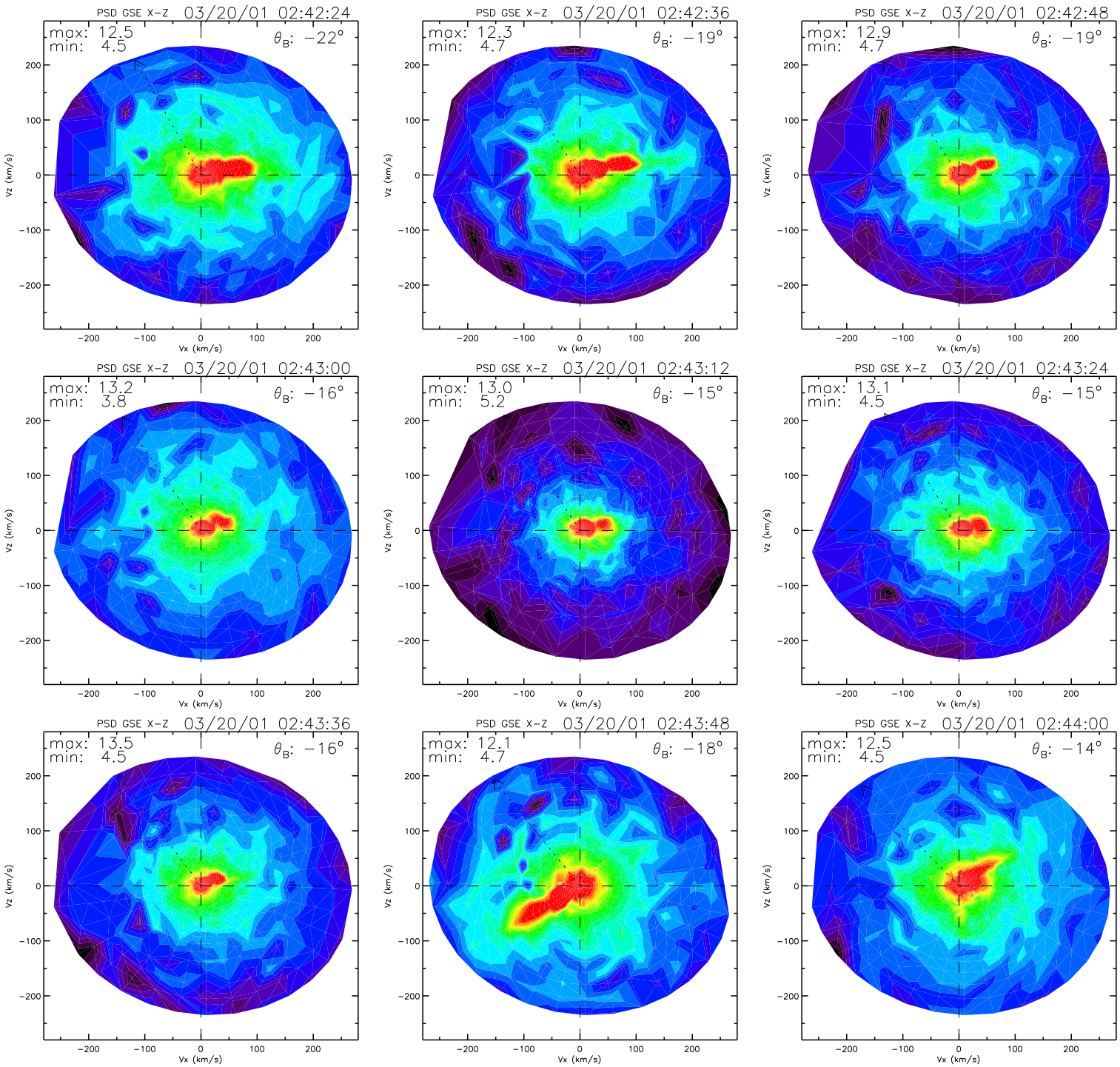

PSD GSE X-Z 03/20/01 02:33:24
max: 11.6
min: 3.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:33:36
max: 11.6
min: 4.8
θ_B: −18°
PSD GSE X-Z 03/20/01 02:33:48
max: 11.5
min: 4.7
θ_B: −14°
PSD GSE X-Z 03/20/01 02:34:00
max: 11.5
min: 4.6
θ_B: −18°
PSD GSE X-Z 03/20/01 02:34:12
max: 12.2
min: 3.8
θ_B: −21°
PSD GSE X-Z 03/20/01 02:34:24
max: 11.8
min: 4.7
θ_B: −21°
PSD GSE X-Z 03/20/01 02:34:36
max: 12.0
min: 4.8
θ_B: −24°
PSD GSE X-Z 03/20/01 02:34:48
max: 12.4
min: 4.3
θ_B: −28°
PSD GSE X-Z 03/20/01 02:35:00
max: 12.4
min: 3.8
θ_B: −25°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

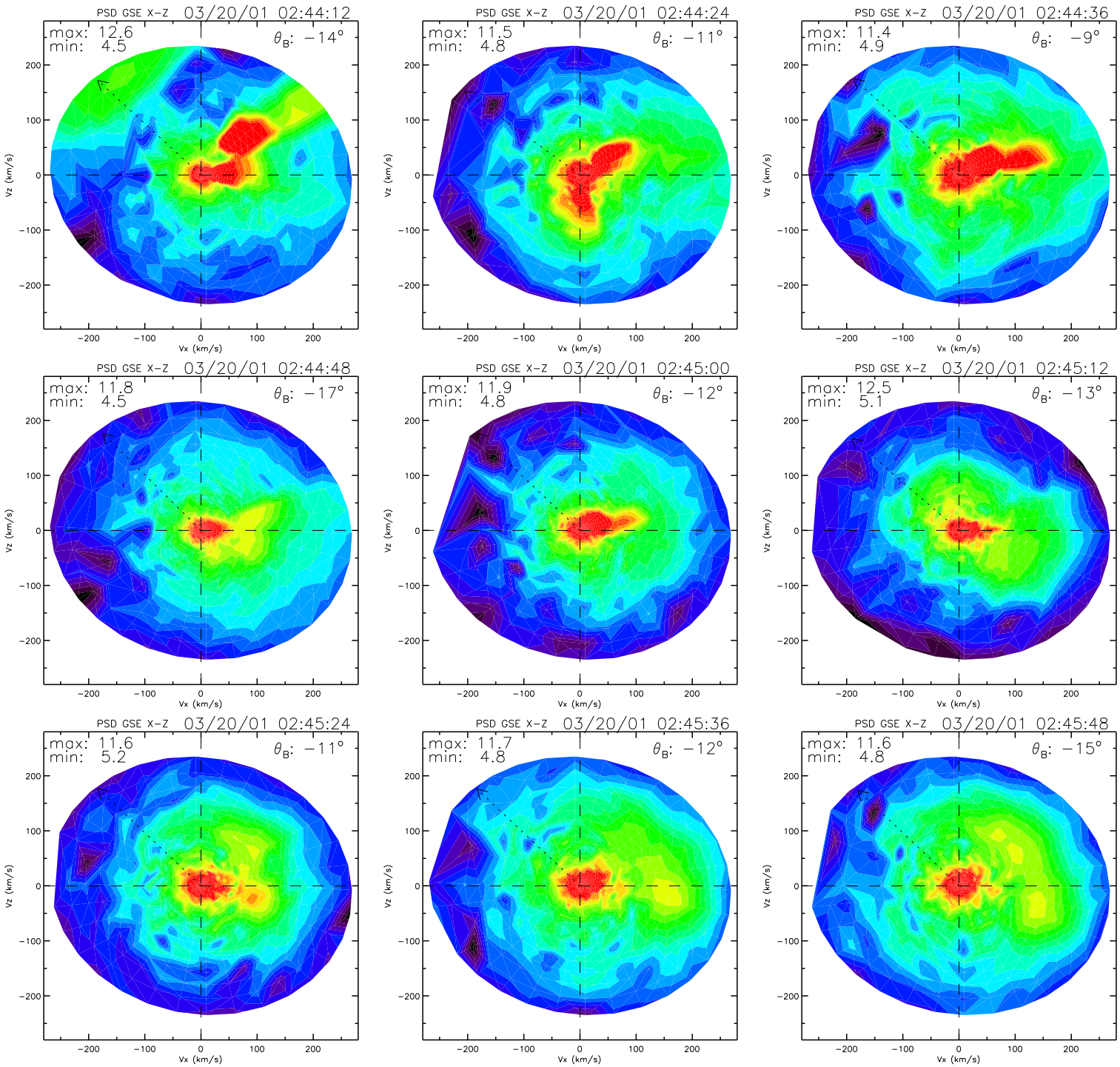

PSD GSE X-Z 03/20/01 02:35:12
max: 12.5
min: 5.3
θ_B: −20°
PSD GSE X-Z 03/20/01 02:35:24
max: 13.2
min: 4.9
θ_B: −15°
PSD GSE X-Z 03/20/01 02:35:36
max: 11.8
min: 5.2
θ_B: −17°
PSD GSE X-Z 03/20/01 02:35:48
max: 13.1
min: 4.7
θ_B: −17°
PSD GSE X-Z 03/20/01 02:36:00
max: 12.3
min: 5.1
θ_B: −14°
PSD GSE X-Z 03/20/01 02:36:12
max: 11.7
min: 4.7
θ_B: −9°
PSD GSE X-Z 03/20/01 02:36:24
max: 11.7
min: 4.7
θ_B: −7°
PSD GSE X-Z 03/20/01 02:36:36
max: 11.6
min: 4.5
θ_B: 6°
PSD GSE X-Z 03/20/01 02:36:48
max: 11.6
min: 4.7
θ_B: 7°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

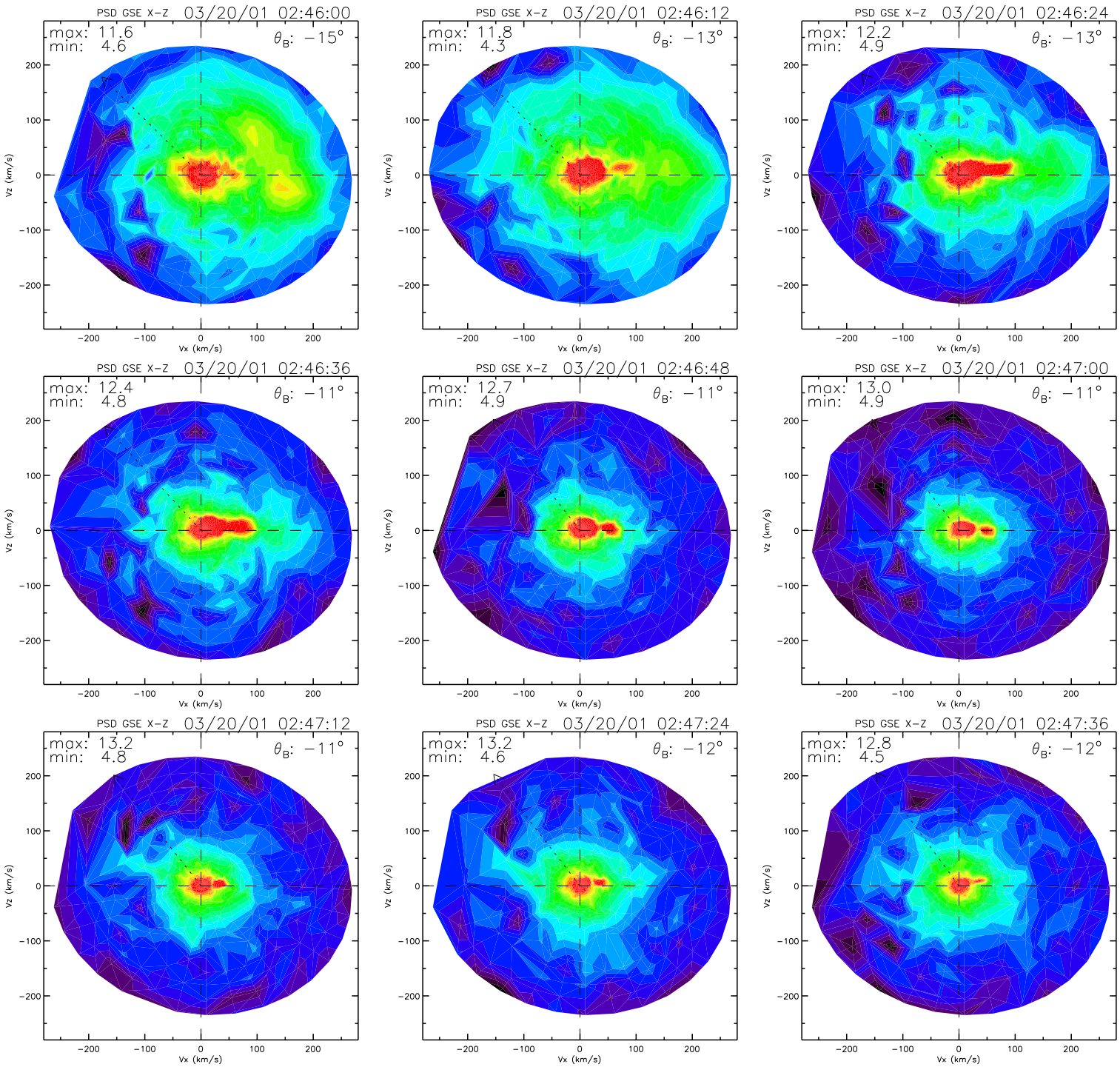

PSD GSE X-Z 03/20/01 02:37:00
max: 11.6
min: 5.4
θB: 13°
PSD GSE X-Z 03/20/01 02:37:12
max: 11.6
min: 5.4
θB: −7°
PSD GSE X-Z 03/20/01 02:37:24
max: 12.1
min: 5.7
θB: −15°
PSD GSE X-Z 03/20/01 02:37:36
max: 11.6
min: 4.5
θB: −20°
PSD GSE X-Z 03/20/01 02:37:48
max: 11.7
min: 4.8
θB: −3°
PSD GSE X-Z 03/20/01 02:38:00
max: 11.5
min: 4.8
θB: −8°
PSD GSE X-Z 03/20/01 02:38:12
max: 12.0
min: 5.4
θB: −2°
PSD GSE X-Z 03/20/01 02:38:24
max: 12.0
min: 6.0
θB: −11°
PSD GSE X-Z 03/20/01 02:38:36
max: 11.6
min: 5.5
θB: −12°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 03/20/01 02:38:48
max: 11.7
min: 5.2
θ_B: −20°
PSD GSE X-Z 03/20/01 02:39:00
max: 11.8
min: 5.1
θ_B: −14°
PSD GSE X-Z 03/20/01 02:39:12
max: 11.6
min: 4.5
θ_B: −15°
PSD GSE X-Z 03/20/01 02:39:24
max: 11.4
min: 5.3
θ_B: −11°
PSD GSE X-Z 03/20/01 02:39:36
max: 11.5
min: 5.1
θ_B: −10°
PSD GSE X-Z 03/20/01 02:39:48
max: 11.8
min: 4.9
θ_B: −18°
PSD GSE X-Z 03/20/01 02:40:00
max: 11.6
min: 5.3
θ_B: −26°
PSD GSE X-Z 03/20/01 02:40:12
max: 11.6
min: 4.5
θ_B: −19°
PSD GSE X-Z 03/20/01 02:40:24
max: 12.8
min: 5.2
θ_B: −12°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 03/20/01 02:40:36
max: 13.2
min: 4.9
θ_B: −12°
PSD GSE X-Z 03/20/01 02:40:48
max: 12.7
min: 3.8
θ_B: −16°
PSD GSE X-Z 03/20/01 02:41:00
max: 12.6
min: 3.8
θ_B: −13°
PSD GSE X-Z 03/20/01 02:41:12
max: 12.8
min: 3.8
θ_B: −12°
PSD GSE X-Z 03/20/01 02:41:24
max: 12.8
min: 4.7
θ_B: −12°
PSD GSE X-Z 03/20/01 02:41:36
max: 11.4
min: 3.8
θ_B: −14°
PSD GSE X-Z 03/20/01 02:41:48
max: 11.6
min: 4.7
θ_B: −13°
PSD GSE X-Z 03/20/01 02:42:00
max: 13.8
min: 4.5
θ_B: −12°
PSD GSE X-Z 03/20/01 02:42:12
max: 13.1
min: 4.5
θ_B: −18°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 03/20/01 02:42:24
max: 12.5
min: 4.5
θ_B: −22°
PSD GSE X-Z 03/20/01 02:42:36
max: 12.3
min: 4.7
θ_B: −19°
PSD GSE X-Z 03/20/01 02:42:48
max: 12.9
min: 4.7
θ_B: −19°
PSD GSE X-Z 03/20/01 02:43:00
max: 13.2
min: 3.8
θ_B: −16°
PSD GSE X-Z 03/20/01 02:43:12
max: 13.0
min: 5.2
θ_B: −15°
PSD GSE X-Z 03/20/01 02:43:24
max: 13.1
min: 4.5
θ_B: −15°
PSD GSE X-Z 03/20/01 02:43:36
max: 13.5
min: 4.5
θ_B: −16°
PSD GSE X-Z 03/20/01 02:43:48
max: 12.1
min: 4.7
θ_B: −18°
PSD GSE X-Z 03/20/01 02:44:00
max: 12.5
min: 4.5
θ_B: −14°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200


PSD GSE X-Z 03/20/01 02:44:12
max: 12.6
min: 4.5
θ_B: −14°
PSD GSE X-Z 03/20/01 02:44:24
max: 11.5
min: 4.8
θ_B: −11°
PSD GSE X-Z 03/20/01 02:44:36
max: 11.4
min: 4.9
θ_B: −9°
PSD GSE X-Z 03/20/01 02:44:48
max: 11.8
min: 4.5
θ_B: −17°
PSD GSE X-Z 03/20/01 02:45:00
max: 11.9
min: 4.8
θ_B: −12°
PSD GSE X-Z 03/20/01 02:45:12
max: 12.5
min: 5.1
θ_B: −13°
PSD GSE X-Z 03/20/01 02:45:24
max: 11.6
min: 5.2
θ_B: −11°
PSD GSE X-Z 03/20/01 02:45:36
max: 11.7
min: 4.8
θ_B: −12°
PSD GSE X-Z 03/20/01 02:45:48
max: 11.6
min: 4.8
θ_B: −15°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 03/20/01 02:46:00
max: 11.6
min: 4.6
θ_B: −15°
PSD GSE X-Z 03/20/01 02:46:12
max: 11.8
min: 4.3
θ_B: −13°
PSD GSE X-Z 03/20/01 02:46:24
max: 12.2
min: 4.9
θ_B: −13°
PSD GSE X-Z 03/20/01 02:46:36
max: 12.4
min: 4.8
θ_B: −11°
PSD GSE X-Z 03/20/01 02:46:48
max: 12.7
min: 4.9
θ_B: −11°
PSD GSE X-Z 03/20/01 02:47:00
max: 13.0
min: 4.9
θ_B: −11°
PSD GSE X-Z 03/20/01 02:47:12
max: 13.2
min: 4.8
θ_B: −11°
PSD GSE X-Z 03/20/01 02:47:24
max: 13.2
min: 4.6
θ_B: −12°
PSD GSE X-Z 03/20/01 02:47:36
max: 12.8
min: 4.5
θ_B: −12°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200