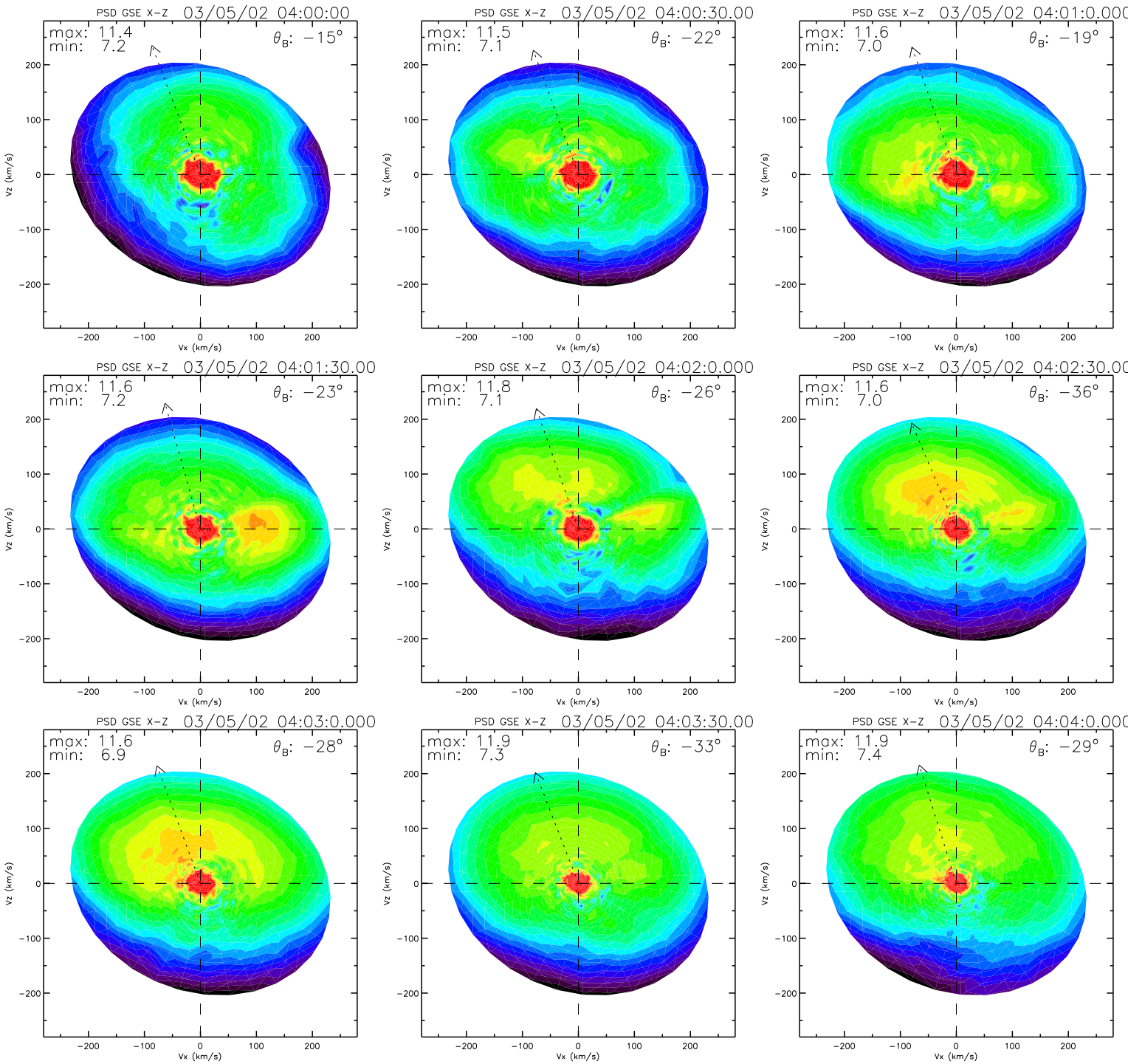
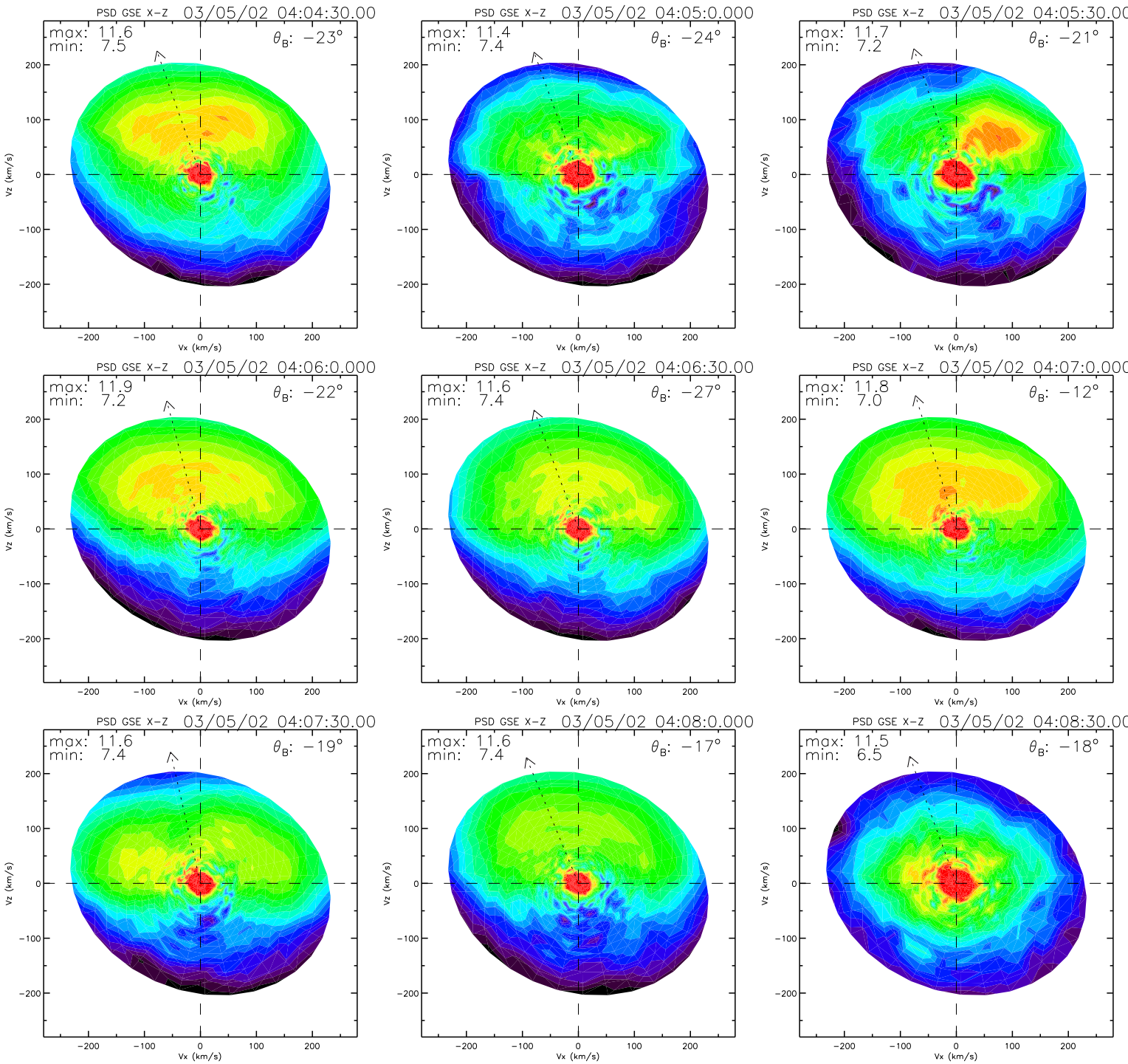
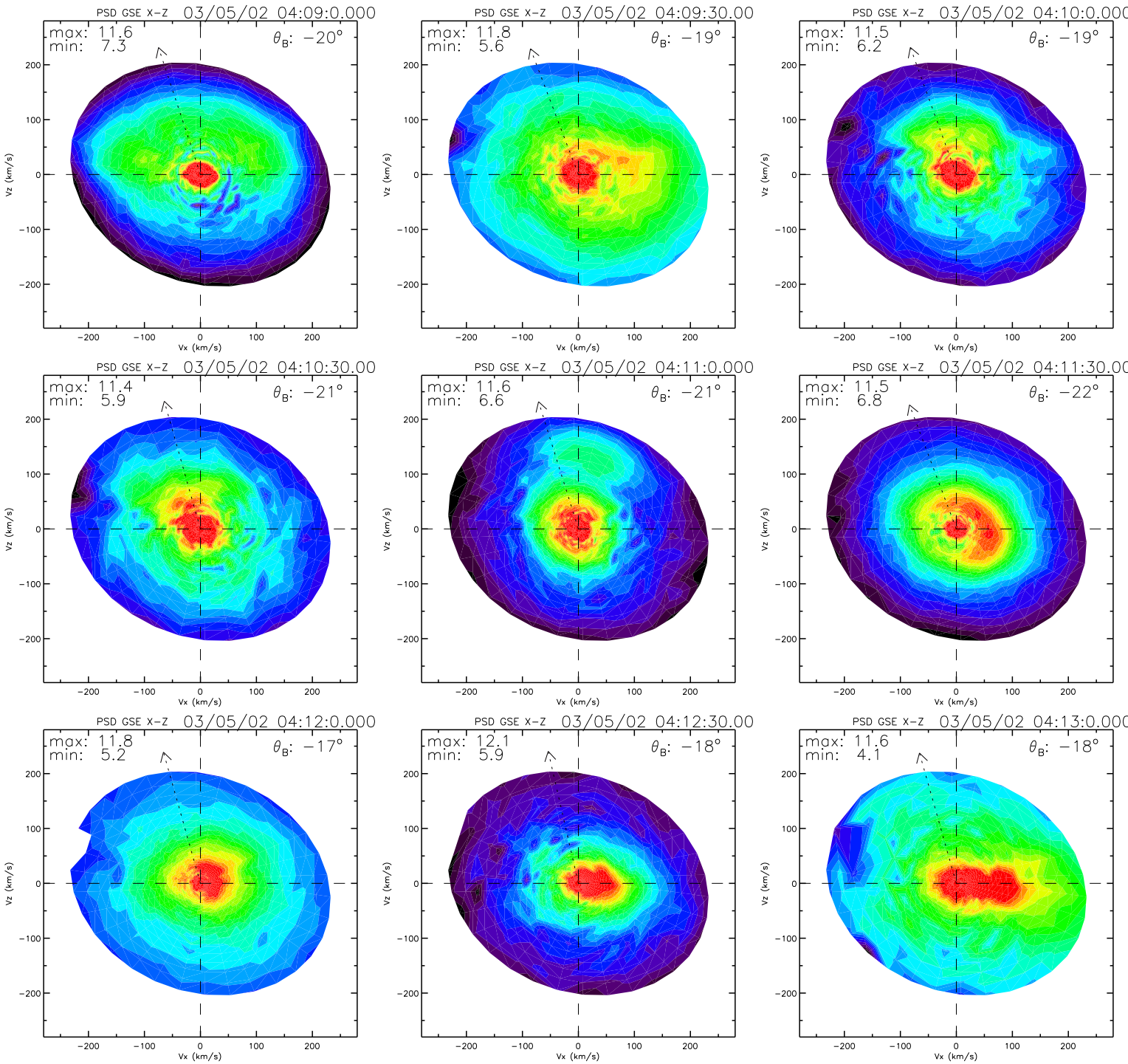
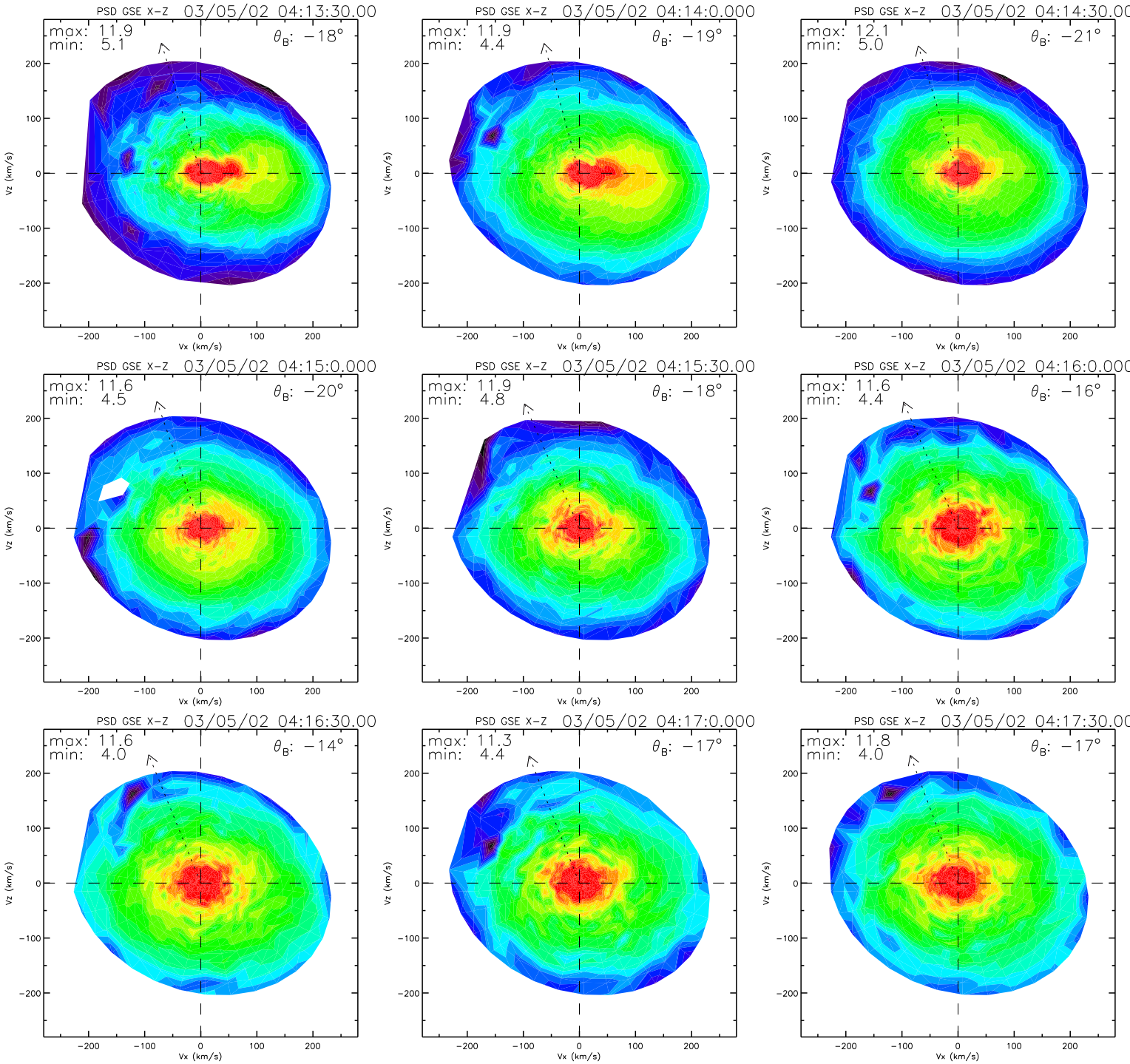
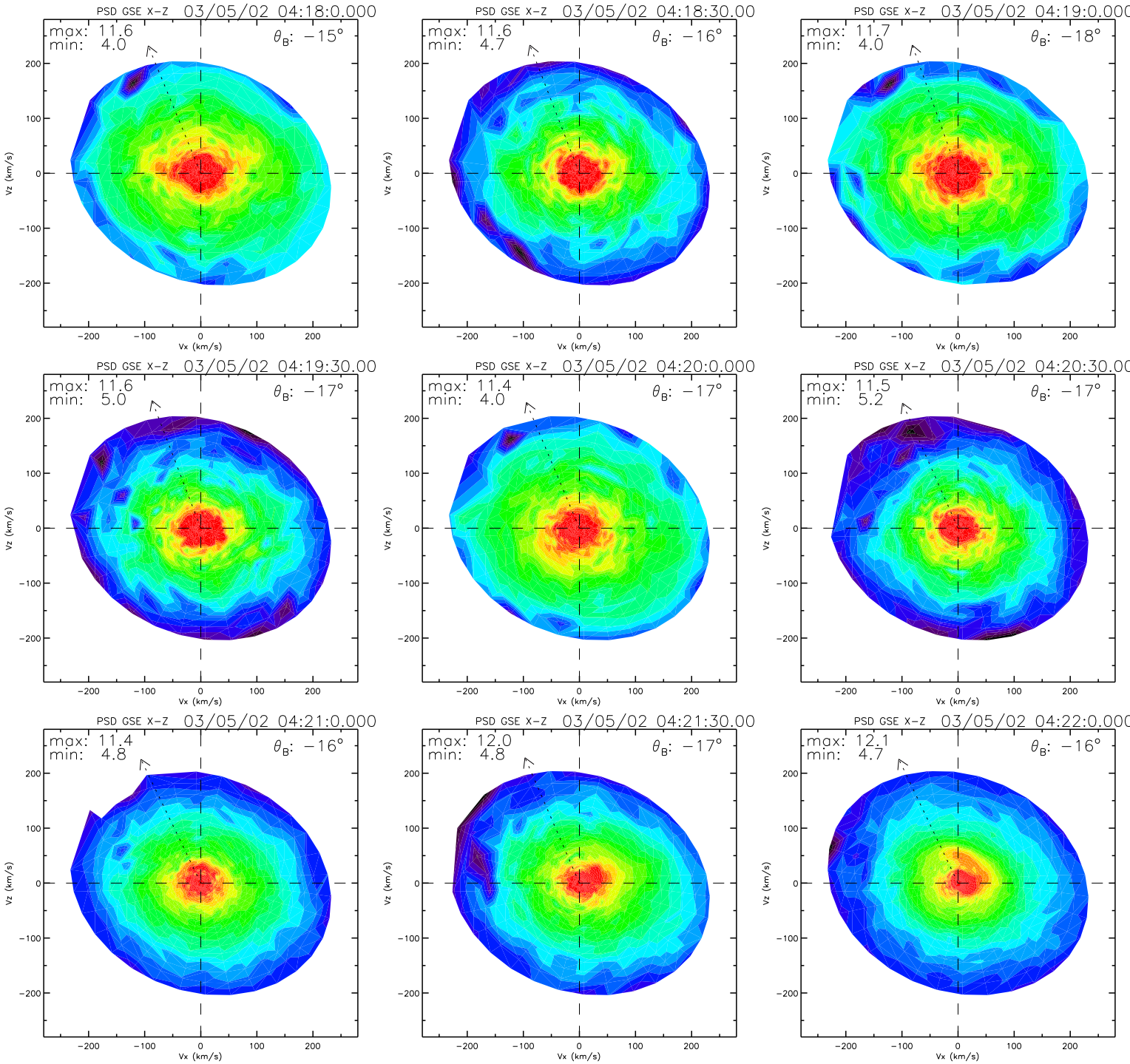
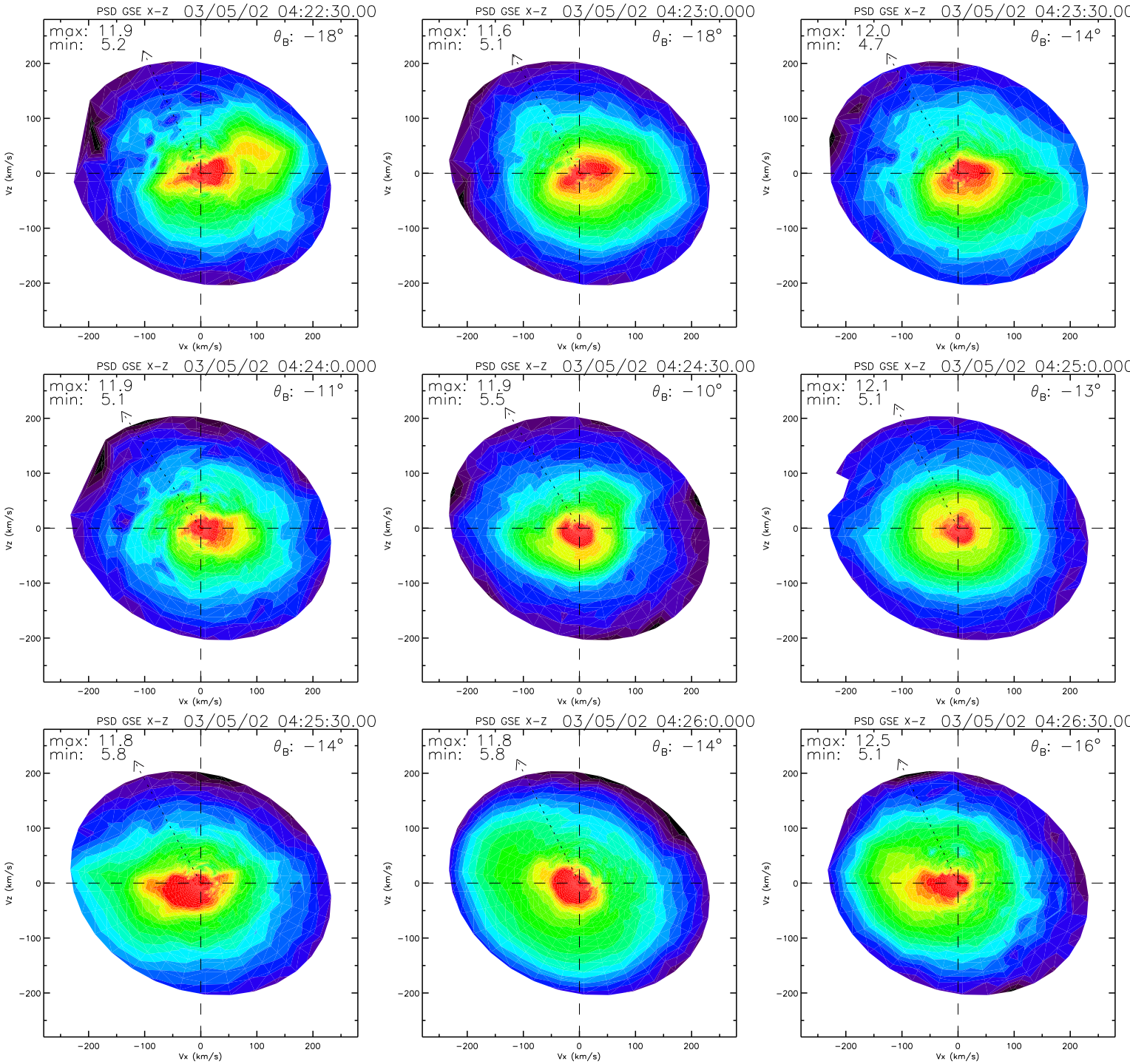

PSD GSE X-Z 03/05/02 04:00:00
max: 11.4
min: 7.2
θB: −15°
PSD GSE X-Z 03/05/02 04:00:30.00
max: 11.5
min: 7.1
θB: −22°
PSD GSE X-Z 03/05/02 04:01:0.000
max: 11.6
min: 7.0
θB: −19°
PSD GSE X-Z 03/05/02 04:01:30.00
max: 11.6
min: 7.2
θB: −23°
PSD GSE X-Z 03/05/02 04:02:0.000
max: 11.8
min: 7.1
θB: −26°
PSD GSE X-Z 03/05/02 04:02:30.00
max: 11.6
min: 7.0
θB: −36°
PSD GSE X-Z 03/05/02 04:03:0.000
max: 11.6
min: 6.9
θB: −28°
PSD GSE X-Z 03/05/02 04:03:30.00
max: 11.9
min: 7.3
θB: −33°
PSD GSE X-Z 03/05/02 04:04:0.000
max: 11.9
min: 7.4
θB: −29°
Vx (km/s)
Vz (km/s)

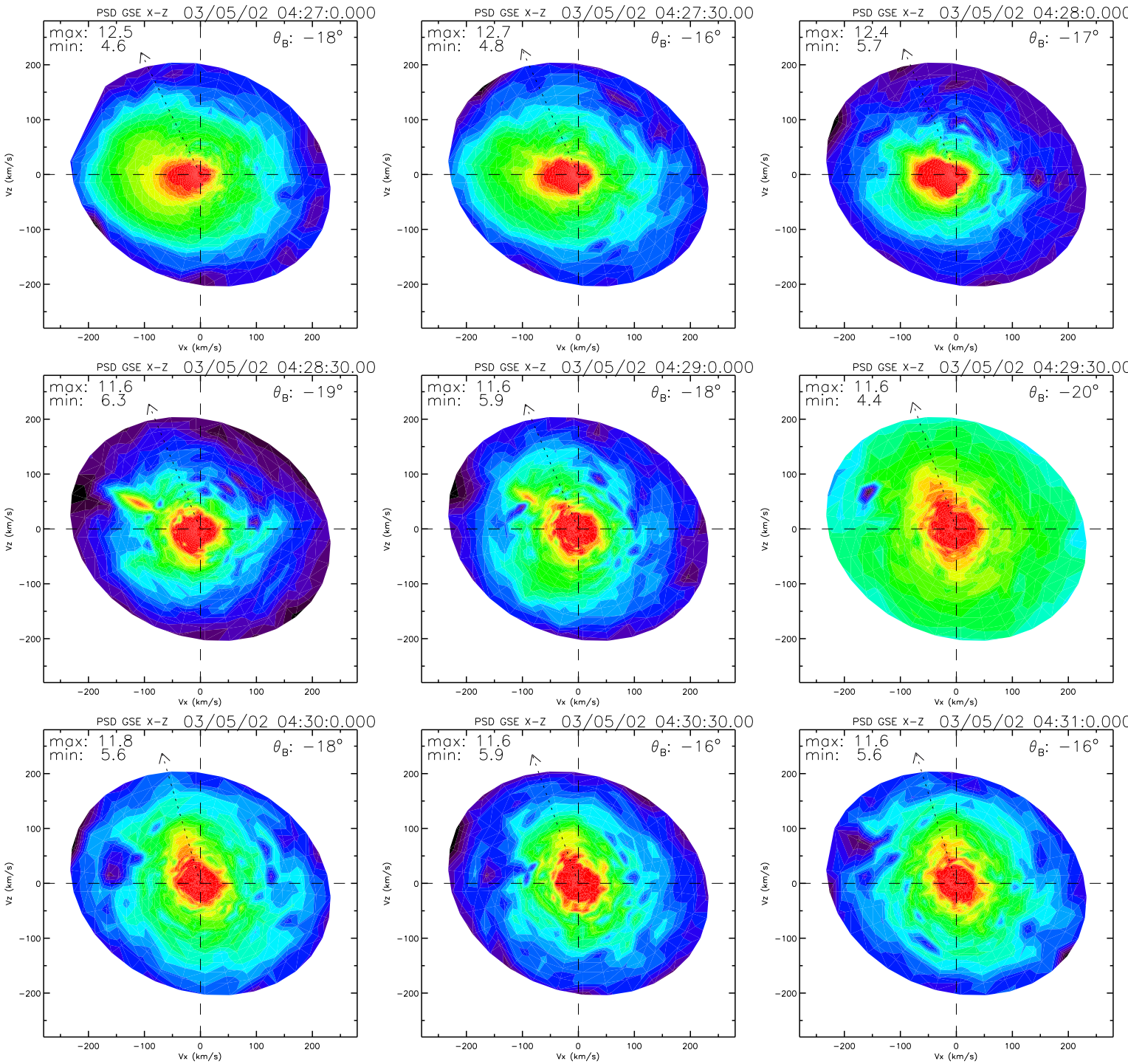

PSD GSE X-Z 03/05/02 04:04:30.00
max: 11.6
min: 7.5
θ_B: −23°
PSD GSE X-Z 03/05/02 04:05:0.000
max: 11.4
min: 7.4
θ_B: −24°
PSD GSE X-Z 03/05/02 04:05:30.00
max: 11.7
min: 7.2
θ_B: −21°
PSD GSE X-Z 03/05/02 04:06:0.000
max: 11.9
min: 7.2
θ_B: −22°
PSD GSE X-Z 03/05/02 04:06:30.00
max: 11.6
min: 7.4
θ_B: −27°
PSD GSE X-Z 03/05/02 04:07:0.000
max: 11.8
min: 7.0
θ_B: −12°
PSD GSE X-Z 03/05/02 04:07:30.00
max: 11.6
min: 7.4
θ_B: −19°
PSD GSE X-Z 03/05/02 04:08:0.000
max: 11.6
min: 7.4
θ_B: −17°
PSD GSE X-Z 03/05/02 04:08:30.00
max: 11.5
min: 6.5
θ_B: −18°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

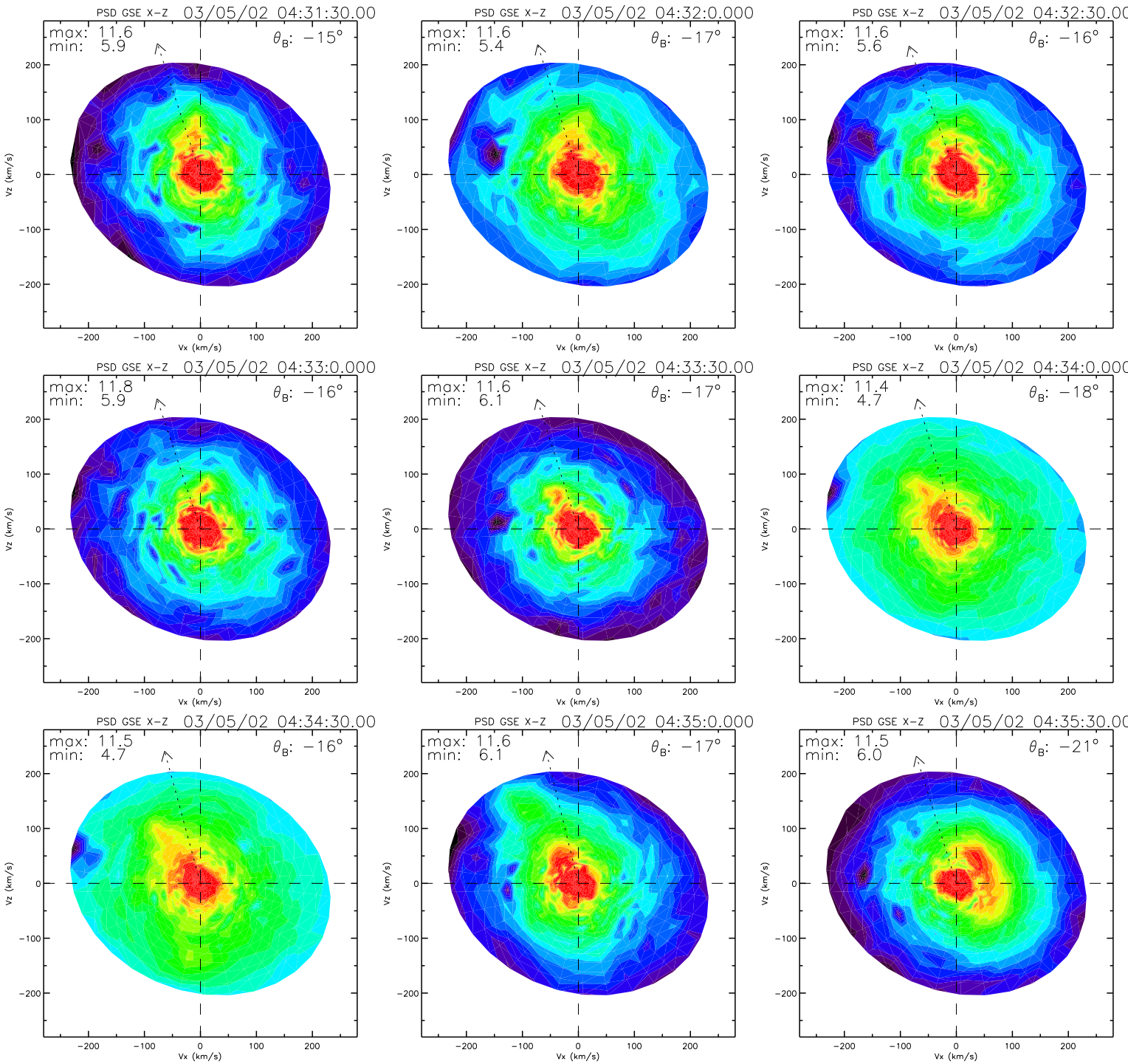

PSD GSE X-Z 03/05/02 04:09:0.000
max: 11.6
min: 7.3
θB: −20°
PSD GSE X-Z 03/05/02 04:09:30.00
max: 11.8
min: 5.6
θB: −19°
PSD GSE X-Z 03/05/02 04:10:0.000
max: 11.5
min: 6.2
θB: −19°
PSD GSE X-Z 03/05/02 04:10:30.00
max: 11.4
min: 5.9
θB: −21°
PSD GSE X-Z 03/05/02 04:11:0.000
max: 11.6
min: 6.6
θB: −21°
PSD GSE X-Z 03/05/02 04:11:30.00
max: 11.5
min: 6.8
θB: −22°
PSD GSE X-Z 03/05/02 04:12:0.000
max: 11.8
min: 5.2
θB: −17°
PSD GSE X-Z 03/05/02 04:12:30.00
max: 12.1
min: 5.9
θB: −18°
PSD GSE X-Z 03/05/02 04:13:0.000
max: 11.6
min: 4.1
θB: −18°
Vx (km/s)
Vz (km/s)

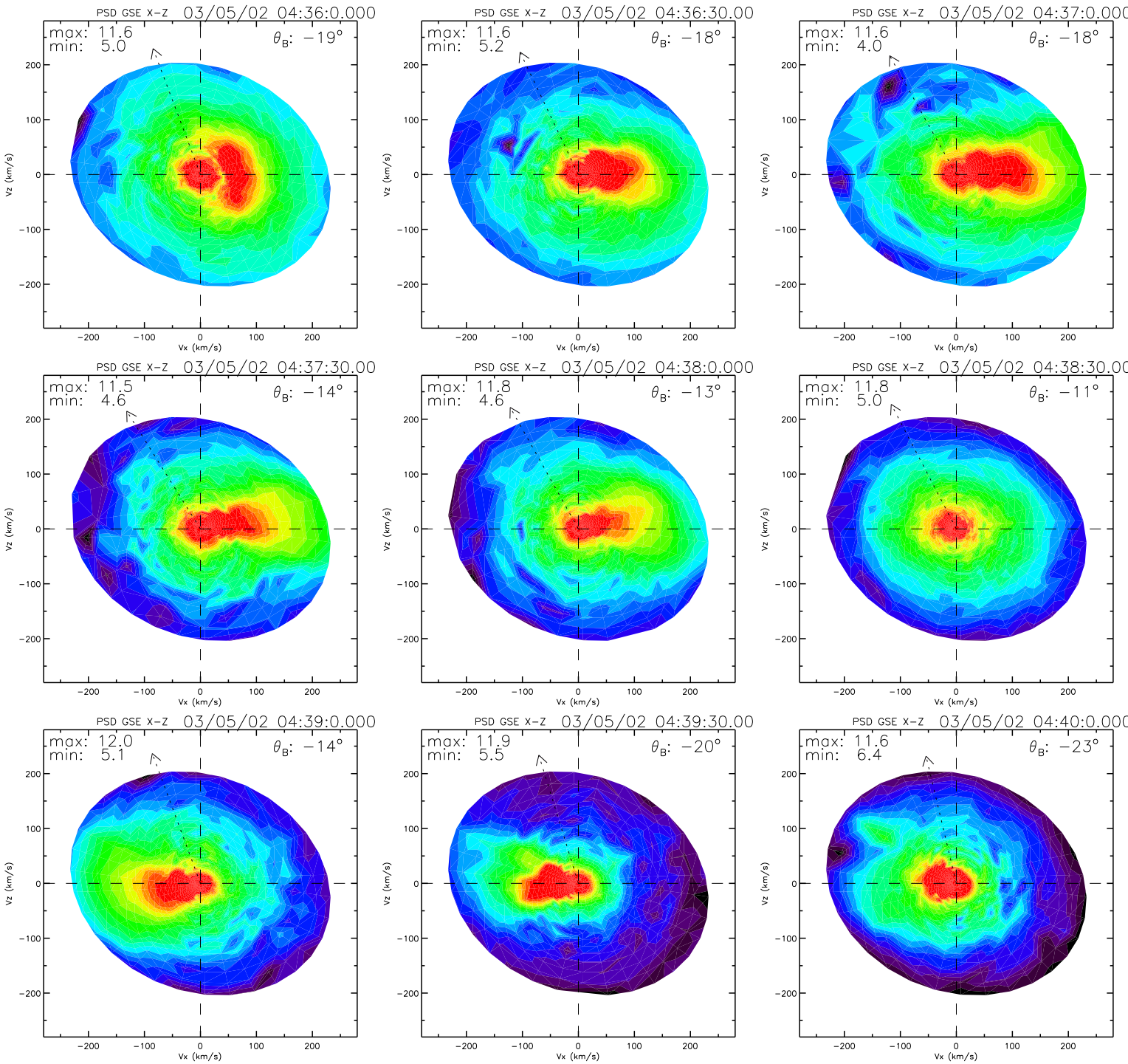

PSD GSE X-Z 03/05/02 04:13:30.00
max: 11.9
min: 5.1
θB: −18°
PSD GSE X-Z 03/05/02 04:14:0.000
max: 11.9
min: 4.4
θB: −19°
PSD GSE X-Z 03/05/02 04:14:30.00
max: 12.1
min: 5.0
θB: −21°
PSD GSE X-Z 03/05/02 04:15:0.000
max: 11.6
min: 4.5
θB: −20°
PSD GSE X-Z 03/05/02 04:15:30.00
max: 11.9
min: 4.8
θB: −18°
PSD GSE X-Z 03/05/02 04:16:0.000
max: 11.6
min: 4.4
θB: −16°
PSD GSE X-Z 03/05/02 04:16:30.00
max: 11.6
min: 4.0
θB: −14°
PSD GSE X-Z 03/05/02 04:17:0.000
max: 11.3
min: 4.4
θB: −17°
PSD GSE X-Z 03/05/02 04:17:30.00
max: 11.8
min: 4.0
θB: −17°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

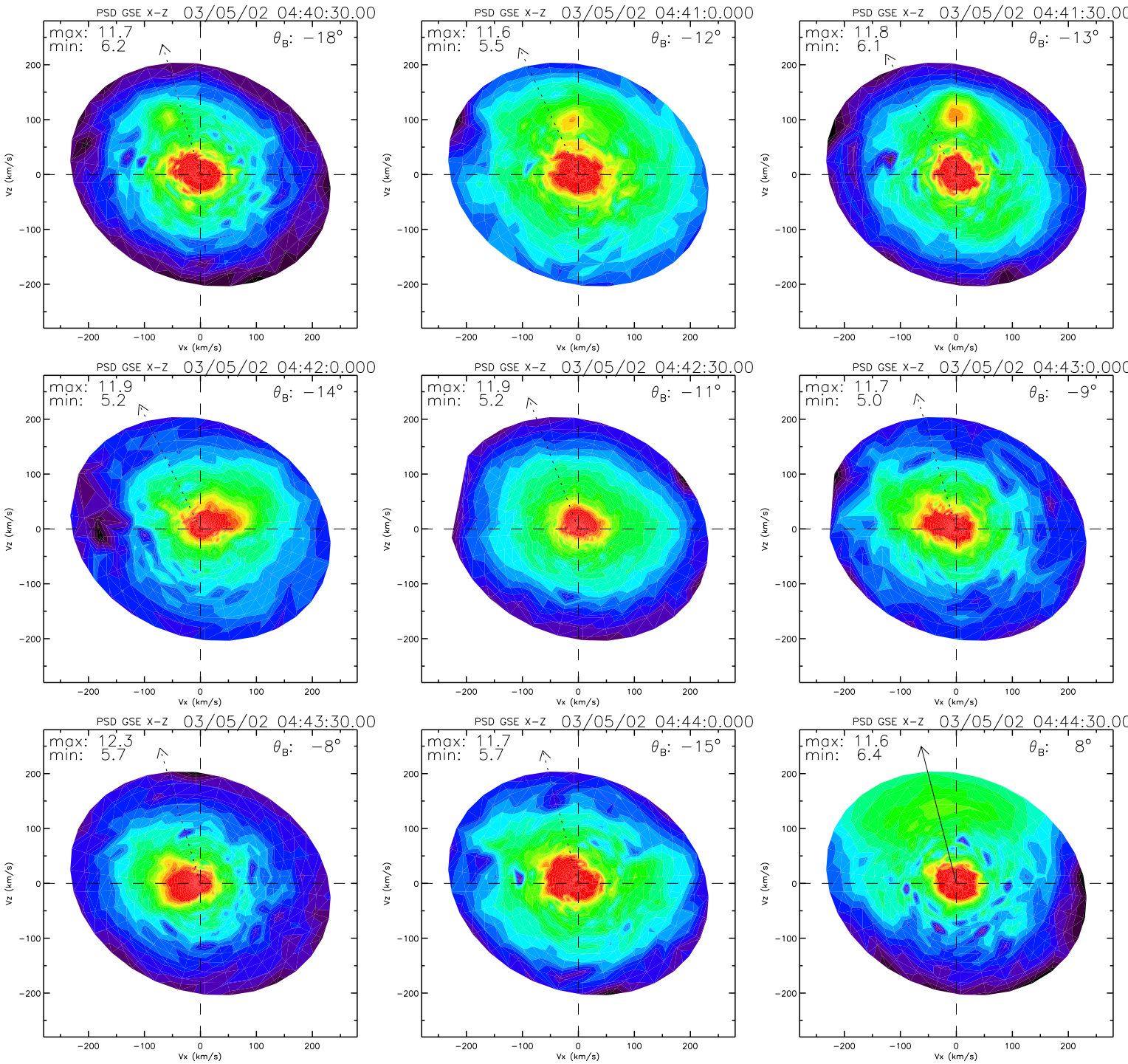

PSD GSE X-Z 03/05/02 04:18:0.000
max: 11.6
min: 4.0
θ_B: −15°
PSD GSE X-Z 03/05/02 04:18:30.00
max: 11.6
min: 4.7
θ_B: −16°
PSD GSE X-Z 03/05/02 04:19:0.000
max: 11.7
min: 4.0
θ_B: −18°
PSD GSE X-Z 03/05/02 04:19:30.00
max: 11.6
min: 5.0
θ_B: −17°
PSD GSE X-Z 03/05/02 04:20:0.000
max: 11.4
min: 4.0
θ_B: −17°
PSD GSE X-Z 03/05/02 04:20:30.00
max: 11.5
min: 5.2
θ_B: −17°
PSD GSE X-Z 03/05/02 04:21:0.000
max: 11.4
min: 4.8
θ_B: −16°
PSD GSE X-Z 03/05/02 04:21:30.00
max: 12.0
min: 4.8
θ_B: −17°
PSD GSE X-Z 03/05/02 04:22:0.000
max: 12.1
min: 4.7
θ_B: −16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

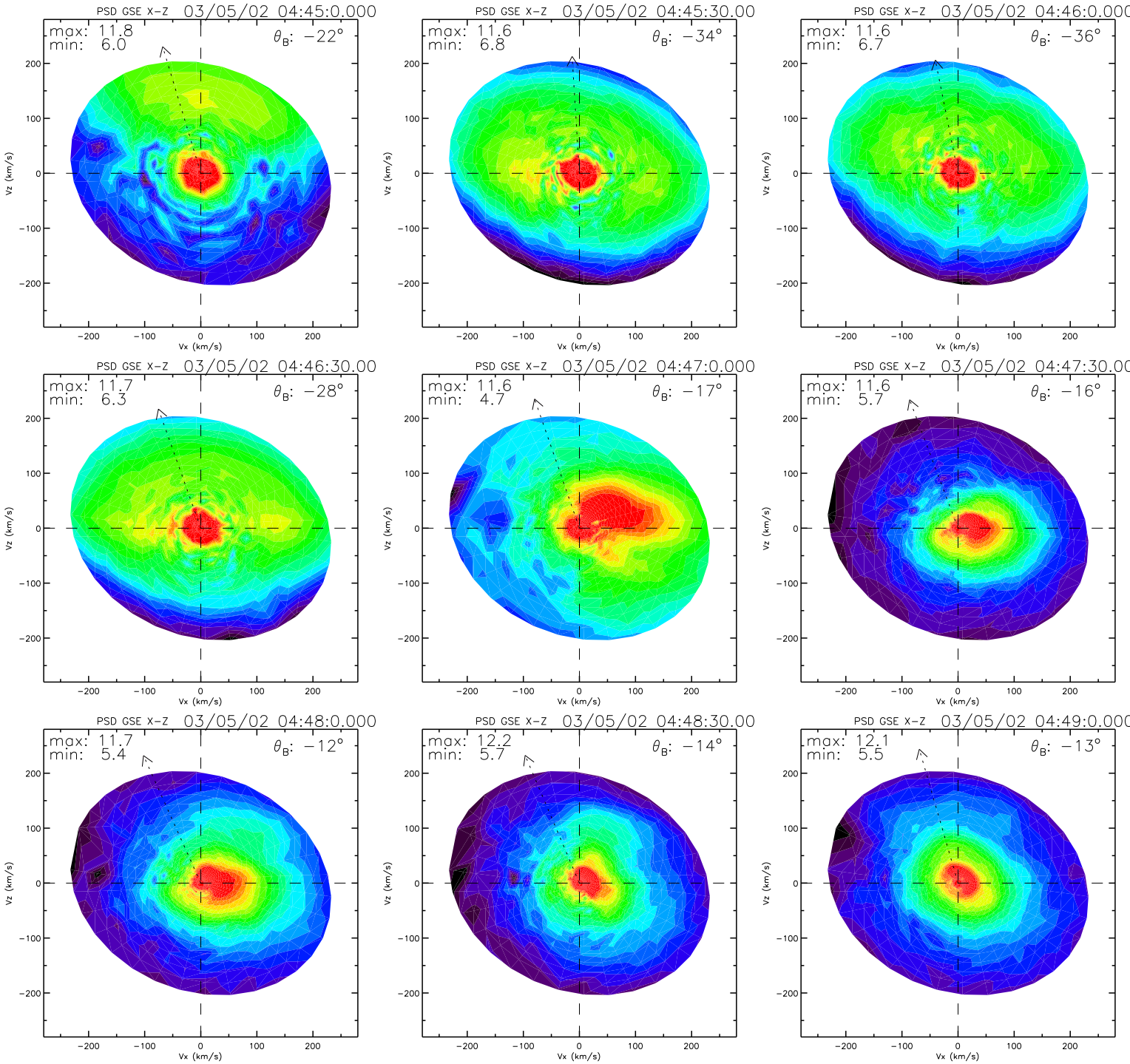

PSD GSE X-Z 03/05/02 04:22:30.00
max: 11.9
min: 5.2
θB: −18°
PSD GSE X-Z 03/05/02 04:23:0.000
max: 11.6
min: 5.1
θB: −18°
PSD GSE X-Z 03/05/02 04:23:30.00
max: 12.0
min: 4.7
θB: −14°
PSD GSE X-Z 03/05/02 04:24:0.000
max: 11.9
min: 5.1
θB: −11°
PSD GSE X-Z 03/05/02 04:24:30.00
max: 11.9
min: 5.5
θB: −10°
PSD GSE X-Z 03/05/02 04:25:0.000
max: 12.1
min: 5.1
θB: −13°
PSD GSE X-Z 03/05/02 04:25:30.00
max: 11.8
min: 5.8
θB: −14°
PSD GSE X-Z 03/05/02 04:26:0.000
max: 11.8
min: 5.8
θB: −14°
PSD GSE X-Z 03/05/02 04:26:30.00
max: 12.5
min: 5.1
θB: −16°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

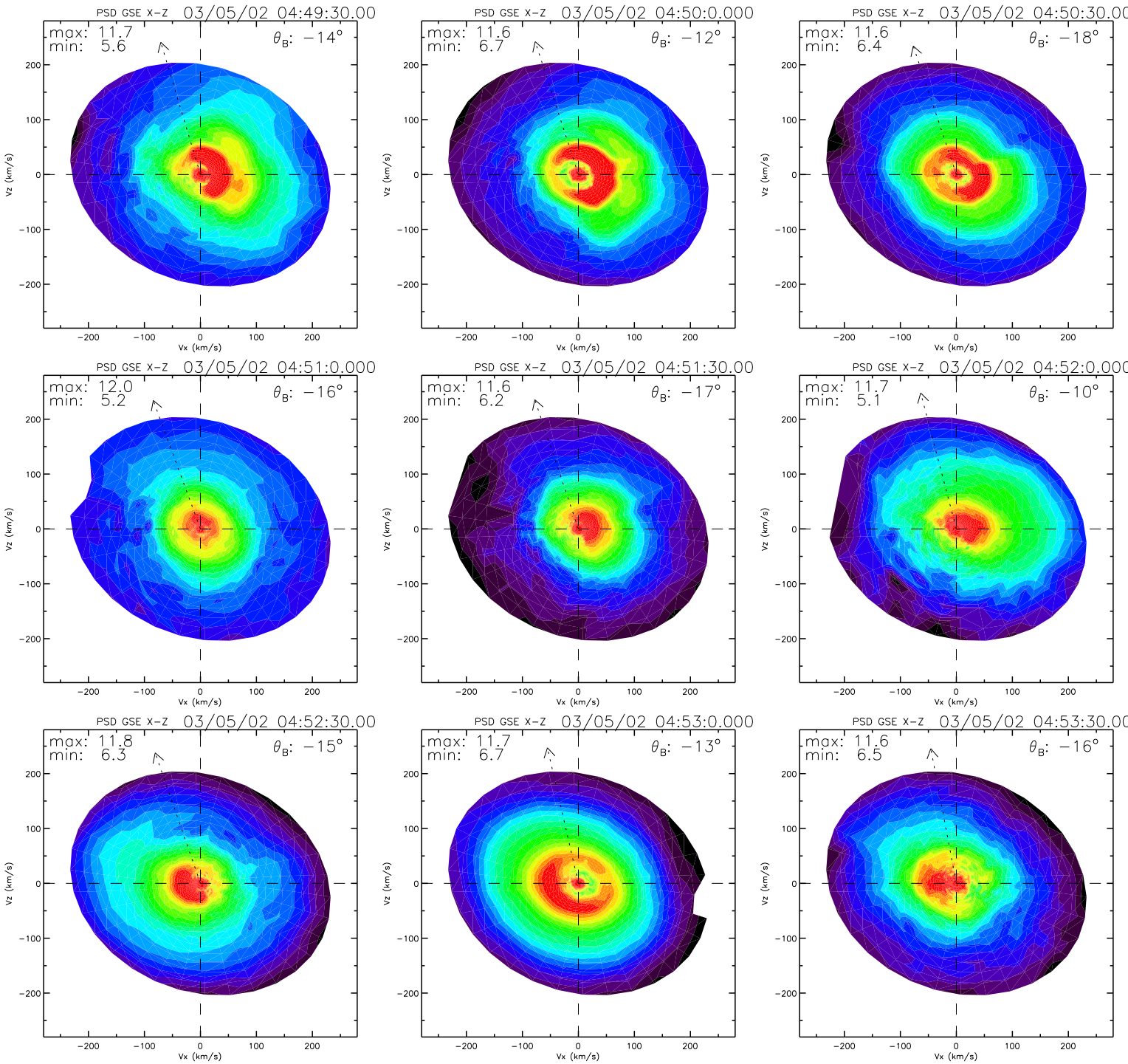

PSD GSE X-Z 03/05/02 04:27:0.000
max: 12.5
min: 4.6
θB: −18°
PSD GSE X-Z 03/05/02 04:27:30.00
max: 12.7
min: 4.8
θB: −16°
PSD GSE X-Z 03/05/02 04:28:0.000
max: 12.4
min: 5.7
θB: −17°
PSD GSE X-Z 03/05/02 04:28:30.00
max: 11.6
min: 6.3
θB: −19°
PSD GSE X-Z 03/05/02 04:29:0.000
max: 11.6
min: 5.9
θB: −18°
PSD GSE X-Z 03/05/02 04:29:30.00
max: 11.6
min: 4.4
θB: −20°
PSD GSE X-Z 03/05/02 04:30:0.000
max: 11.8
min: 5.6
θB: −18°
PSD GSE X-Z 03/05/02 04:30:30.00
max: 11.6
min: 5.9
θB: −16°
PSD GSE X-Z 03/05/02 04:31:0.000
max: 11.6
min: 5.6
θB: −16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

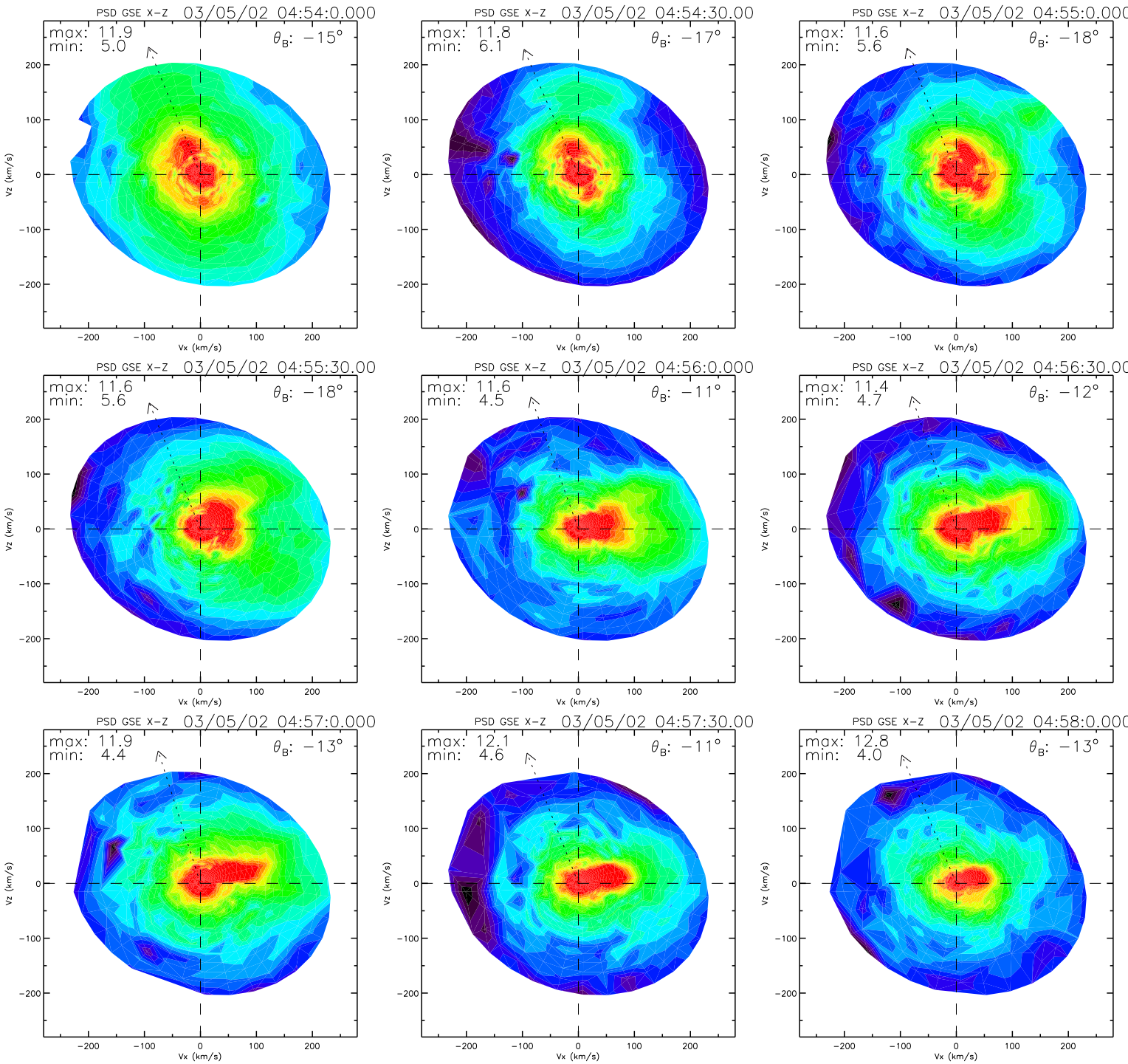

PSD GSE X-Z 03/05/02 04:31:30.00
max: 11.6
min: 5.9
θB: −15°
PSD GSE X-Z 03/05/02 04:32:0.000
max: 11.6
min: 5.4
θB: −17°
PSD GSE X-Z 03/05/02 04:32:30.00
max: 11.6
min: 5.6
θB: −16°
PSD GSE X-Z 03/05/02 04:33:0.000
max: 11.8
min: 5.9
θB: −16°
PSD GSE X-Z 03/05/02 04:33:30.00
max: 11.6
min: 6.1
θB: −17°
PSD GSE X-Z 03/05/02 04:34:0.000
max: 11.4
min: 4.7
θB: −18°
PSD GSE X-Z 03/05/02 04:34:30.00
max: 11.5
min: 4.7
θB: −16°
PSD GSE X-Z 03/05/02 04:35:0.000
max: 11.6
min: 6.1
θB: −17°
PSD GSE X-Z 03/05/02 04:35:30.00
max: 11.5
min: 6.0
θB: −21°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

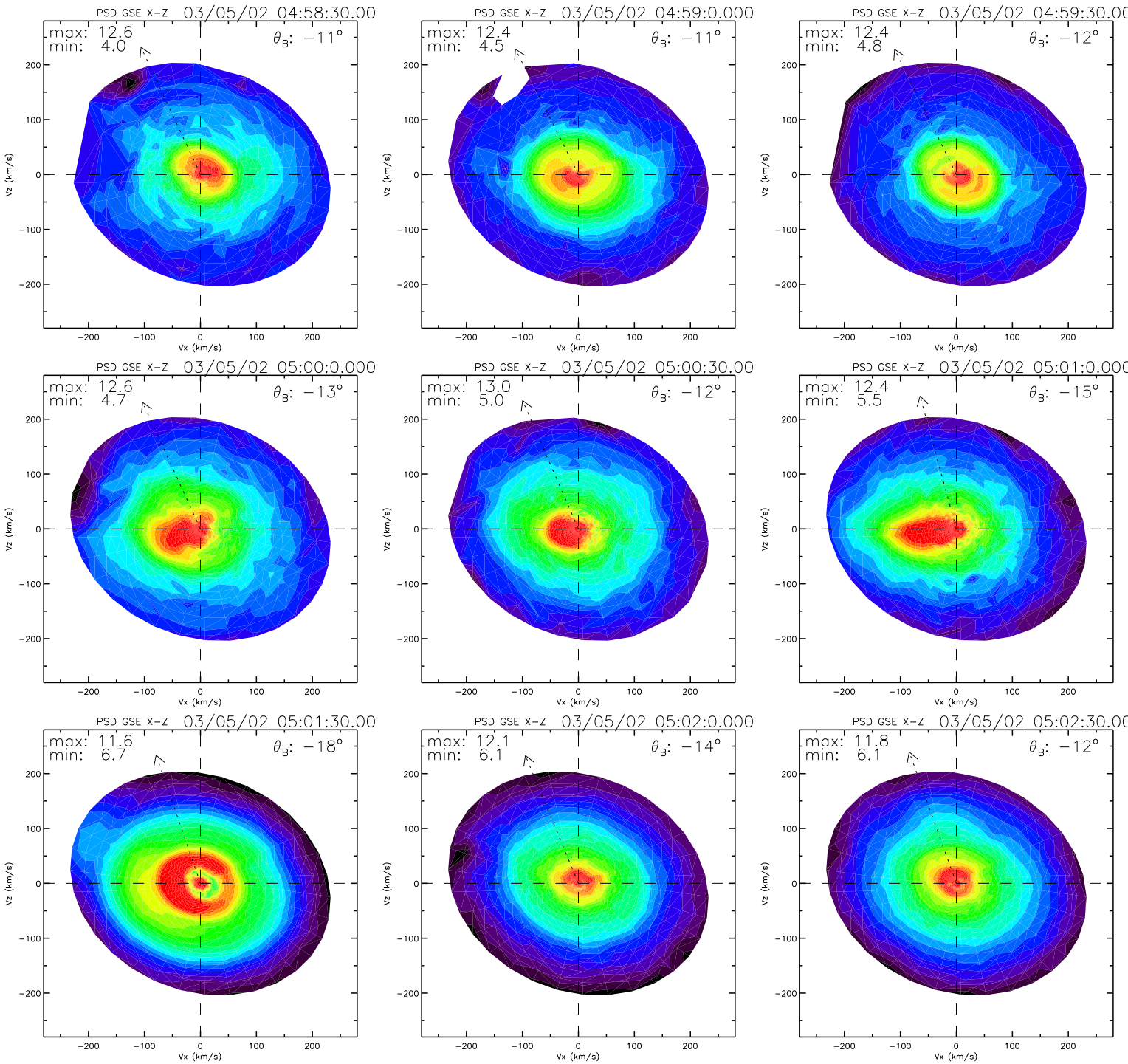

PSD GSE X-Z 03/05/02 04:36:0.000
max: 11.6
min: 5.0
θB: −19°
PSD GSE X-Z 03/05/02 04:36:30.00
max: 11.6
min: 5.2
θB: −18°
PSD GSE X-Z 03/05/02 04:37:0.000
max: 11.6
min: 4.0
θB: −18°
PSD GSE X-Z 03/05/02 04:37:30.00
max: 11.5
min: 4.6
θB: −14°
PSD GSE X-Z 03/05/02 04:38:0.000
max: 11.8
min: 4.6
θB: −13°
PSD GSE X-Z 03/05/02 04:38:30.00
max: 11.8
min: 5.0
θB: −11°
PSD GSE X-Z 03/05/02 04:39:0.000
max: 12.0
min: 5.1
θB: −14°
PSD GSE X-Z 03/05/02 04:39:30.00
max: 11.9
min: 5.5
θB: −20°
PSD GSE X-Z 03/05/02 04:40:0.000
max: 11.6
min: 6.4
θB: −23°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

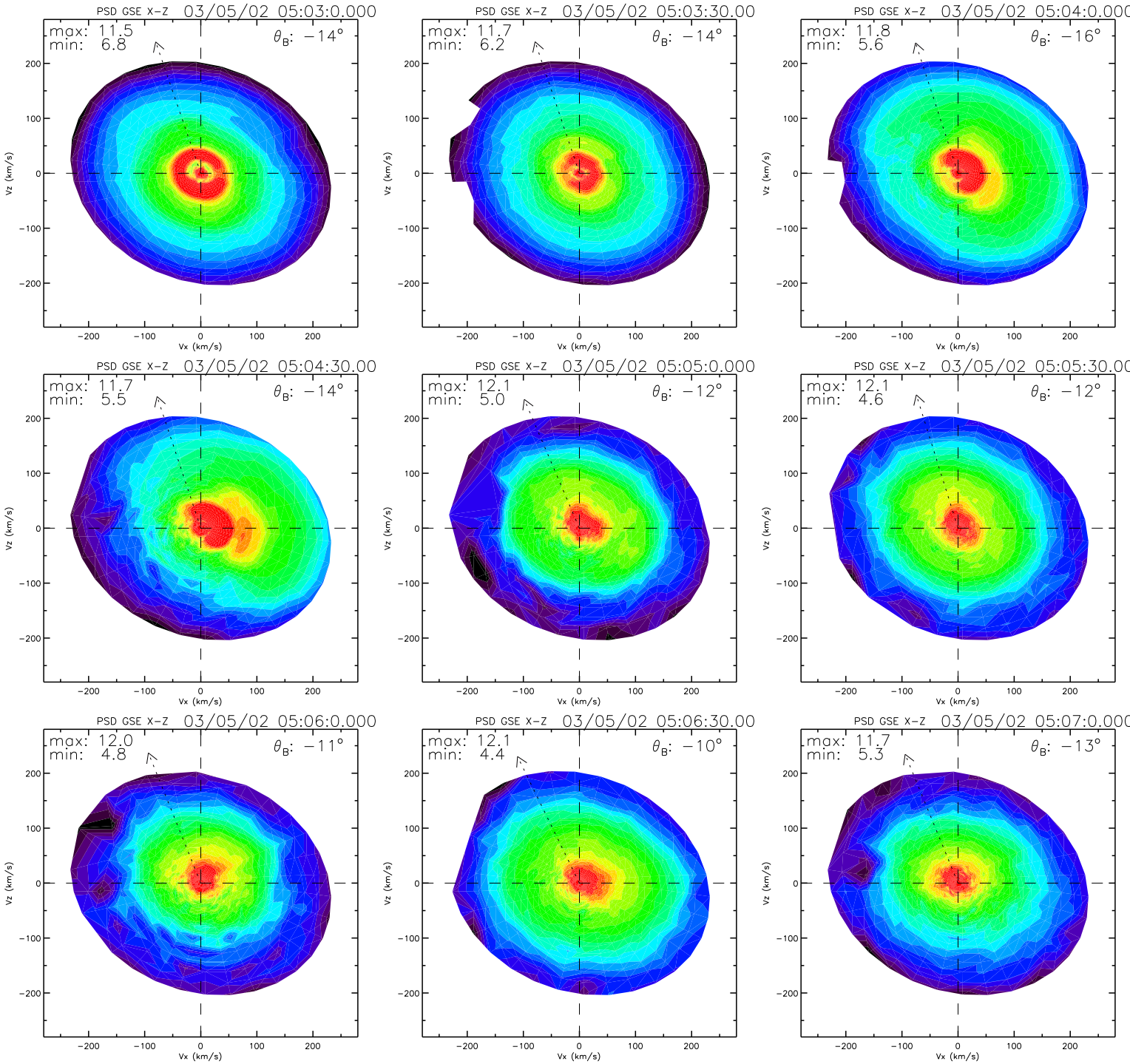

PSD GSE X-Z 03/05/02 04:40:30.00
max: 11.7
min: 6.2
θB: −18°
PSD GSE X-Z 03/05/02 04:41:0.000
max: 11.6
min: 5.5
θB: −12°
PSD GSE X-Z 03/05/02 04:41:30.00
max: 11.8
min: 6.1
θB: −13°
PSD GSE X-Z 03/05/02 04:42:0.000
max: 11.9
min: 5.2
θB: −14°
PSD GSE X-Z 03/05/02 04:42:30.00
max: 11.9
min: 5.2
θB: −11°
PSD GSE X-Z 03/05/02 04:43:0.000
max: 11.7
min: 5.0
θB: −9°
PSD GSE X-Z 03/05/02 04:43:30.00
max: 12.3
min: 5.7
θB: −8°
PSD GSE X-Z 03/05/02 04:44:0.000
max: 11.7
min: 5.7
θB: −15°
PSD GSE X-Z 03/05/02 04:44:30.00
max: 11.6
min: 6.4
θB: 8°
Vx (km/s)
Vz (km/s)

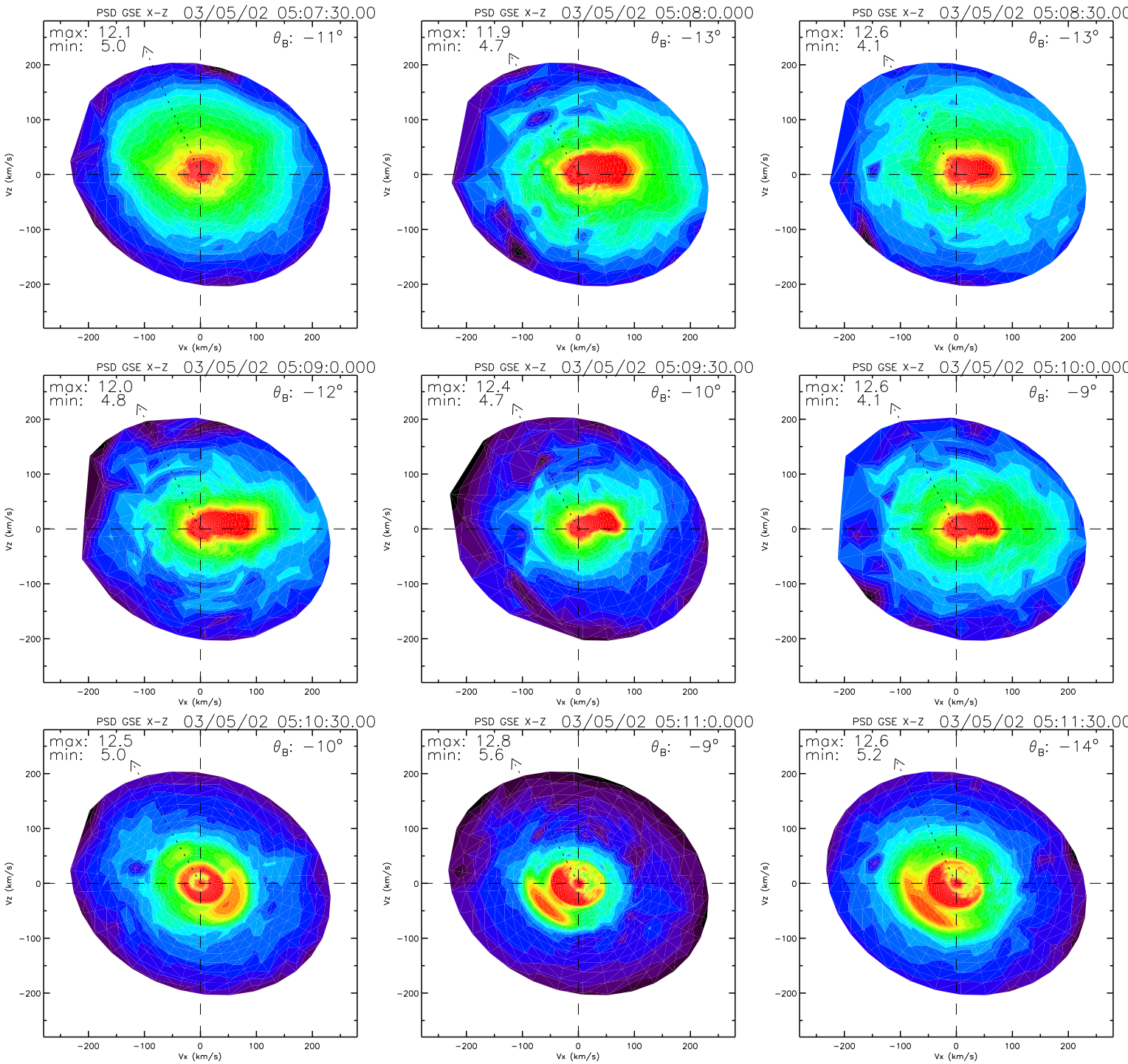

PSD GSE X-Z 03/05/02 04:45:0.000
max: 11.8
min: 6.0
θ_B: −22°
PSD GSE X-Z 03/05/02 04:45:30.00
max: 11.6
min: 6.8
θ_B: −34°
PSD GSE X-Z 03/05/02 04:46:0.000
max: 11.6
min: 6.7
θ_B: −36°
PSD GSE X-Z 03/05/02 04:46:30.00
max: 11.7
min: 6.3
θ_B: −28°
PSD GSE X-Z 03/05/02 04:47:0.000
max: 11.6
min: 4.7
θ_B: −17°
PSD GSE X-Z 03/05/02 04:47:30.00
max: 11.6
min: 5.7
θ_B: −16°
PSD GSE X-Z 03/05/02 04:48:0.000
max: 11.7
min: 5.4
θ_B: −12°
PSD GSE X-Z 03/05/02 04:48:30.00
max: 12.2
min: 5.7
θ_B: −14°
PSD GSE X-Z 03/05/02 04:49:0.000
max: 12.1
min: 5.5
θ_B: −13°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

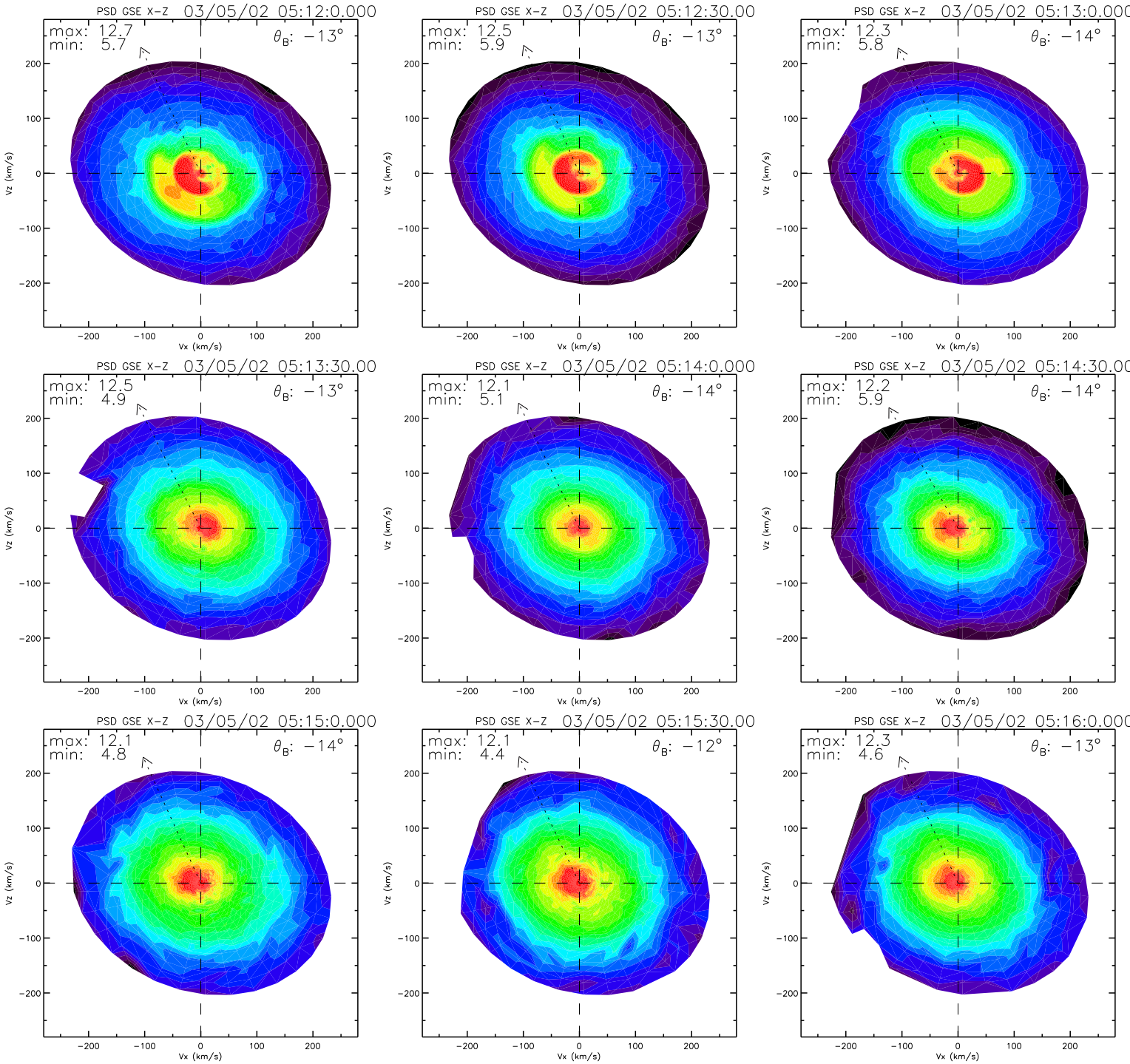

PSD GSE X-Z 03/05/02 04:49:30.00
max: 11.7
min: 5.6
θ_B: −14°
PSD GSE X-Z 03/05/02 04:50:0.000
max: 11.6
min: 6.7
θ_B: −12°
PSD GSE X-Z 03/05/02 04:50:30.00
max: 11.6
min: 6.4
θ_B: −18°
PSD GSE X-Z 03/05/02 04:51:0.000
max: 12.0
min: 5.2
θ_B: −16°
PSD GSE X-Z 03/05/02 04:51:30.00
max: 11.6
min: 6.2
θ_B: −17°
PSD GSE X-Z 03/05/02 04:52:0.000
max: 11.7
min: 5.1
θ_B: −10°
PSD GSE X-Z 03/05/02 04:52:30.00
max: 11.8
min: 6.3
θ_B: −15°
PSD GSE X-Z 03/05/02 04:53:0.000
max: 11.7
min: 6.7
θ_B: −13°
PSD GSE X-Z 03/05/02 04:53:30.00
max: 11.6
min: 6.5
θ_B: −16°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

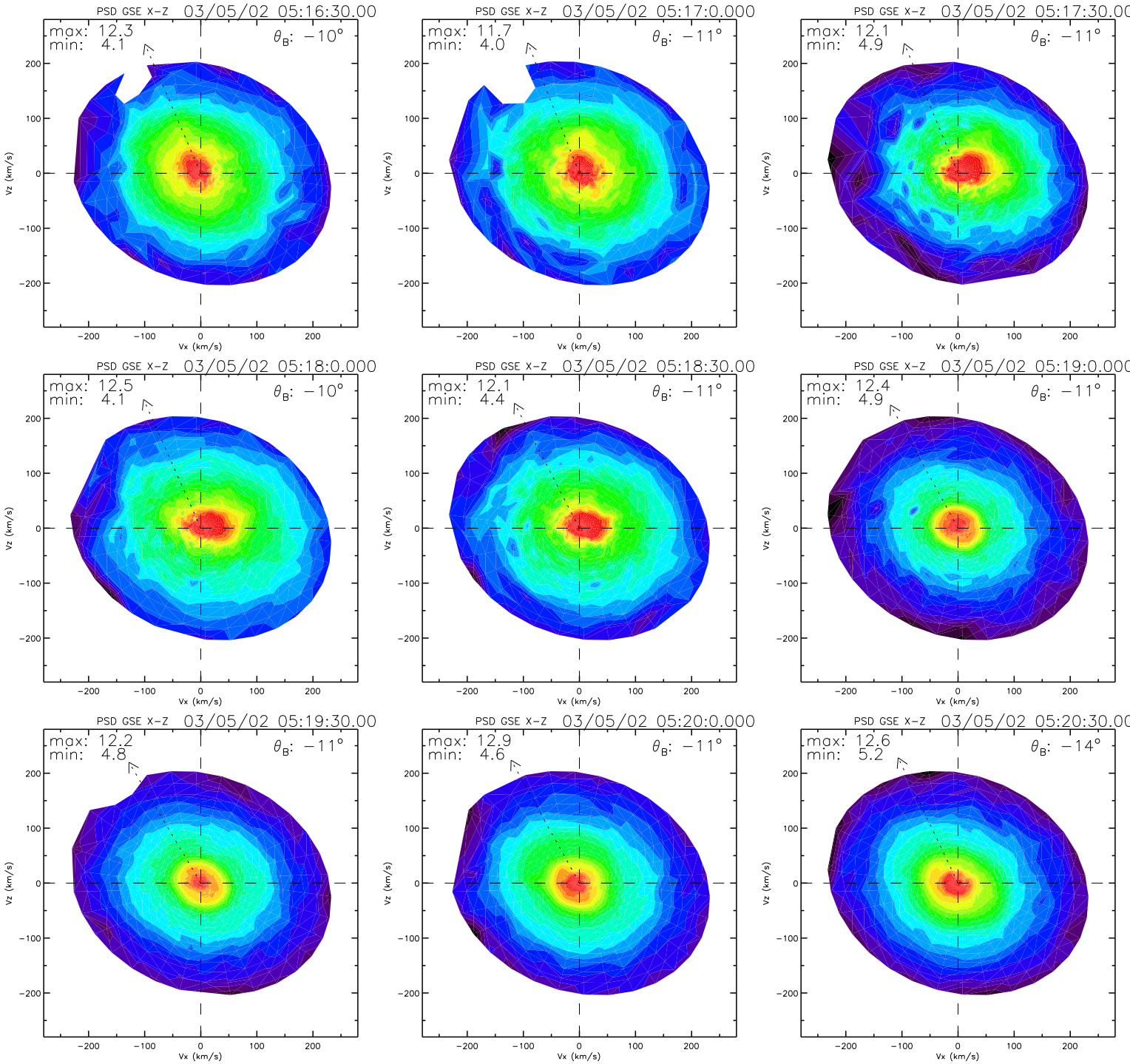

PSD GSE X-Z 03/05/02 04:54:0.000
max: 11.9
min: 5.0
θB: −15°
PSD GSE X-Z 03/05/02 04:54:30.00
max: 11.8
min: 6.1
θB: −17°
PSD GSE X-Z 03/05/02 04:55:0.000
max: 11.6
min: 5.6
θB: −18°
PSD GSE X-Z 03/05/02 04:55:30.00
max: 11.6
min: 5.6
θB: −18°
PSD GSE X-Z 03/05/02 04:56:0.000
max: 11.6
min: 4.5
θB: −11°
PSD GSE X-Z 03/05/02 04:56:30.00
max: 11.4
min: 4.7
θB: −12°
PSD GSE X-Z 03/05/02 04:57:0.000
max: 11.9
min: 4.4
θB: −13°
PSD GSE X-Z 03/05/02 04:57:30.00
max: 12.1
min: 4.6
θB: −11°
PSD GSE X-Z 03/05/02 04:58:0.000
max: 12.8
min: 4.0
θB: −13°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

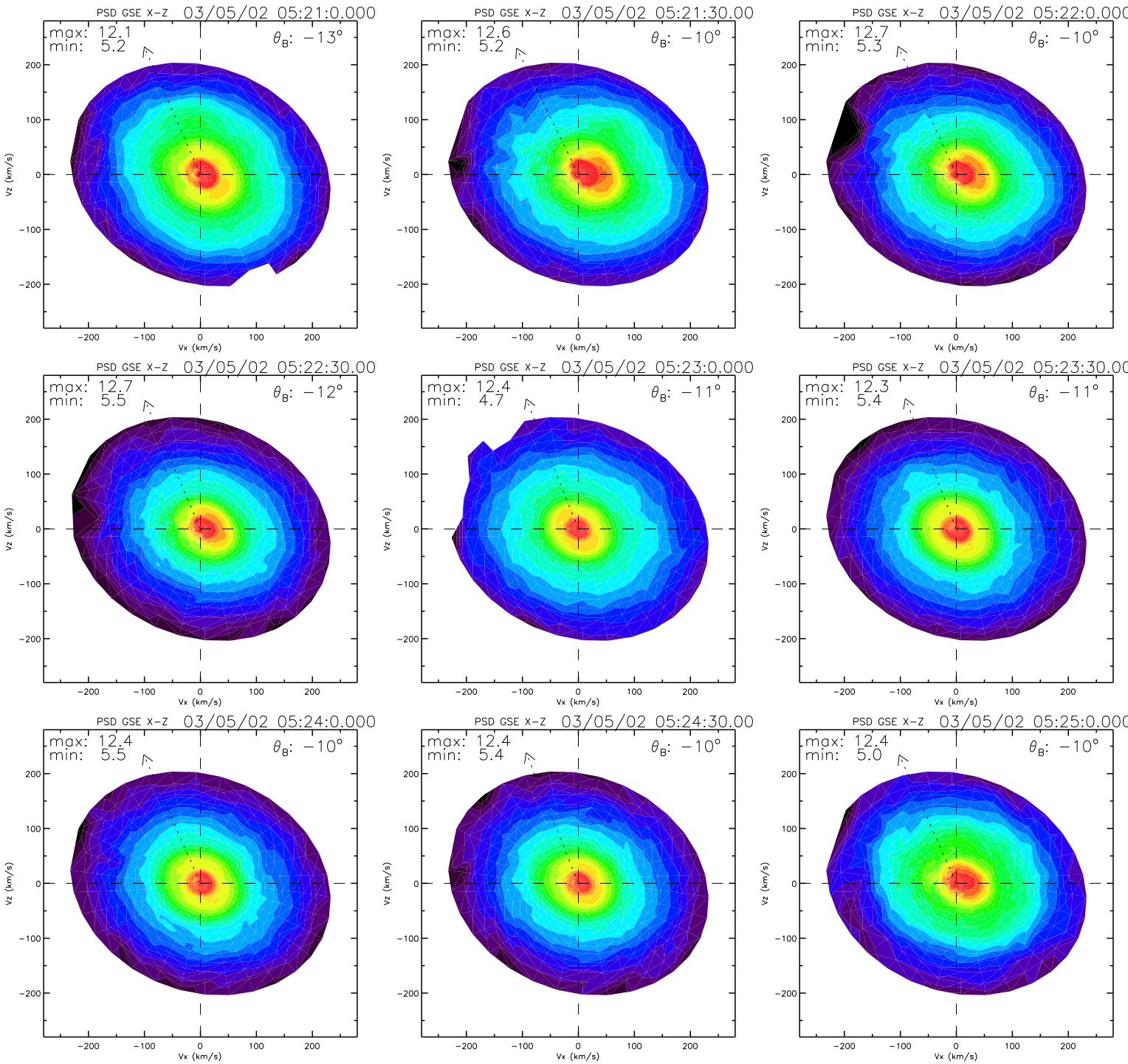

PSD GSE X-Z 03/05/02 04:58:30.00
max: 12.6
min: 4.0
θ_B: −11°
PSD GSE X-Z 03/05/02 04:59:0.000
max: 12.4
min: 4.5
θ_B: −11°
PSD GSE X-Z 03/05/02 04:59:30.00
max: 12.4
min: 4.8
θ_B: −12°
PSD GSE X-Z 03/05/02 05:00:0.000
max: 12.6
min: 4.7
θ_B: −13°
PSD GSE X-Z 03/05/02 05:00:30.00
max: 13.0
min: 5.0
θ_B: −12°
PSD GSE X-Z 03/05/02 05:01:0.000
max: 12.4
min: 5.5
θ_B: −15°
PSD GSE X-Z 03/05/02 05:01:30.00
max: 11.6
min: 6.7
θ_B: −18°
PSD GSE X-Z 03/05/02 05:02:0.000
max: 12.1
min: 6.1
θ_B: −14°
PSD GSE X-Z 03/05/02 05:02:30.00
max: 11.8
min: 6.1
θ_B: −12°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

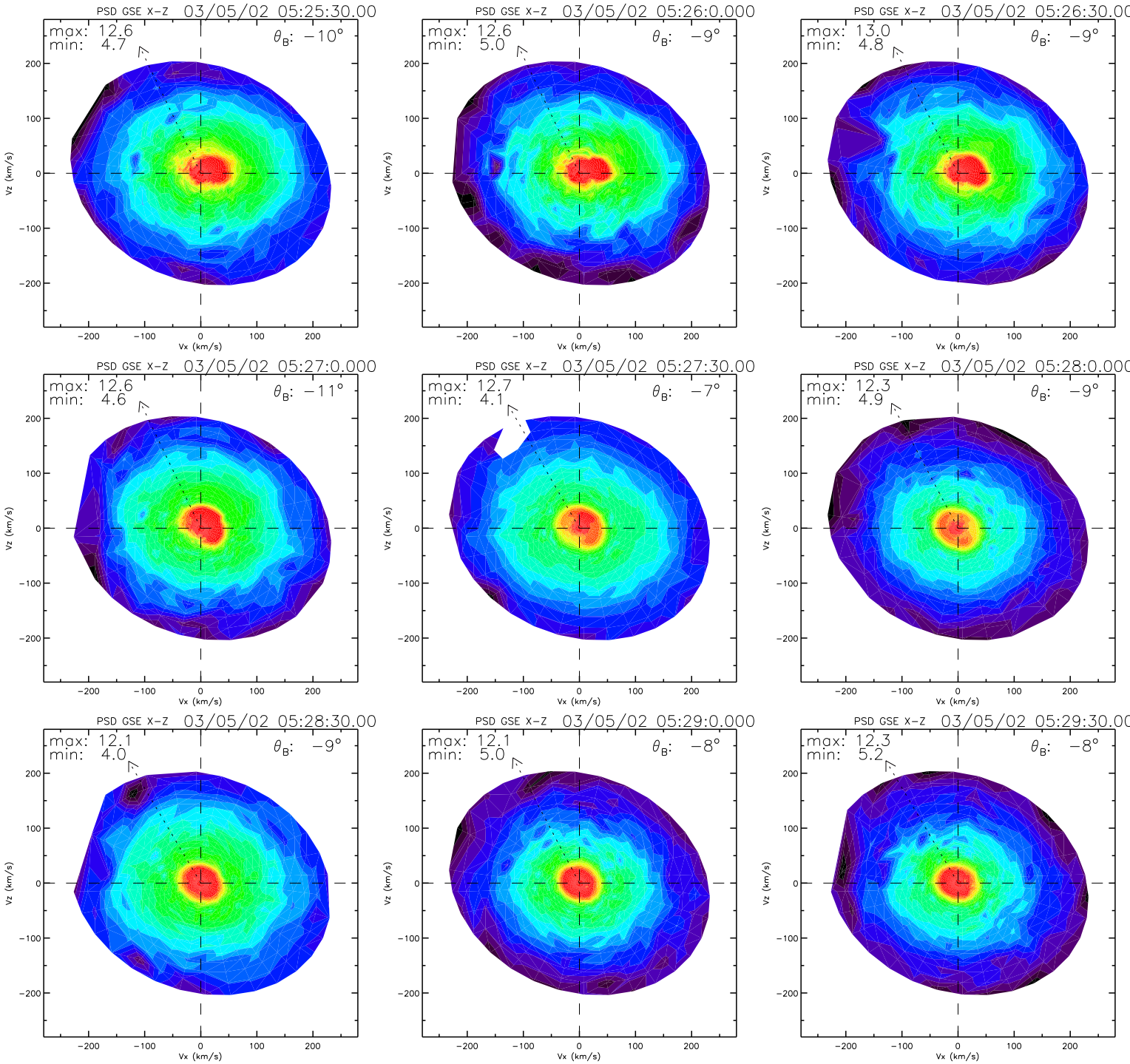

PSD GSE X-Z 03/05/02 05:03:0.000
max: 11.5
min: 6.8
θB: −14°
PSD GSE X-Z 03/05/02 05:03:30.00
max: 11.7
min: 6.2
θB: −14°
PSD GSE X-Z 03/05/02 05:04:0.000
max: 11.8
min: 5.6
θB: −16°
PSD GSE X-Z 03/05/02 05:04:30.00
max: 11.7
min: 5.5
θB: −14°
PSD GSE X-Z 03/05/02 05:05:0.000
max: 12.1
min: 5.0
θB: −12°
PSD GSE X-Z 03/05/02 05:05:30.00
max: 12.1
min: 4.6
θB: −12°
PSD GSE X-Z 03/05/02 05:06:0.000
max: 12.0
min: 4.8
θB: −11°
PSD GSE X-Z 03/05/02 05:06:30.00
max: 12.1
min: 4.4
θB: −10°
PSD GSE X-Z 03/05/02 05:07:0.000
max: 11.7
min: 5.3
θB: −13°
Vx (km/s)
Vz (km/s)

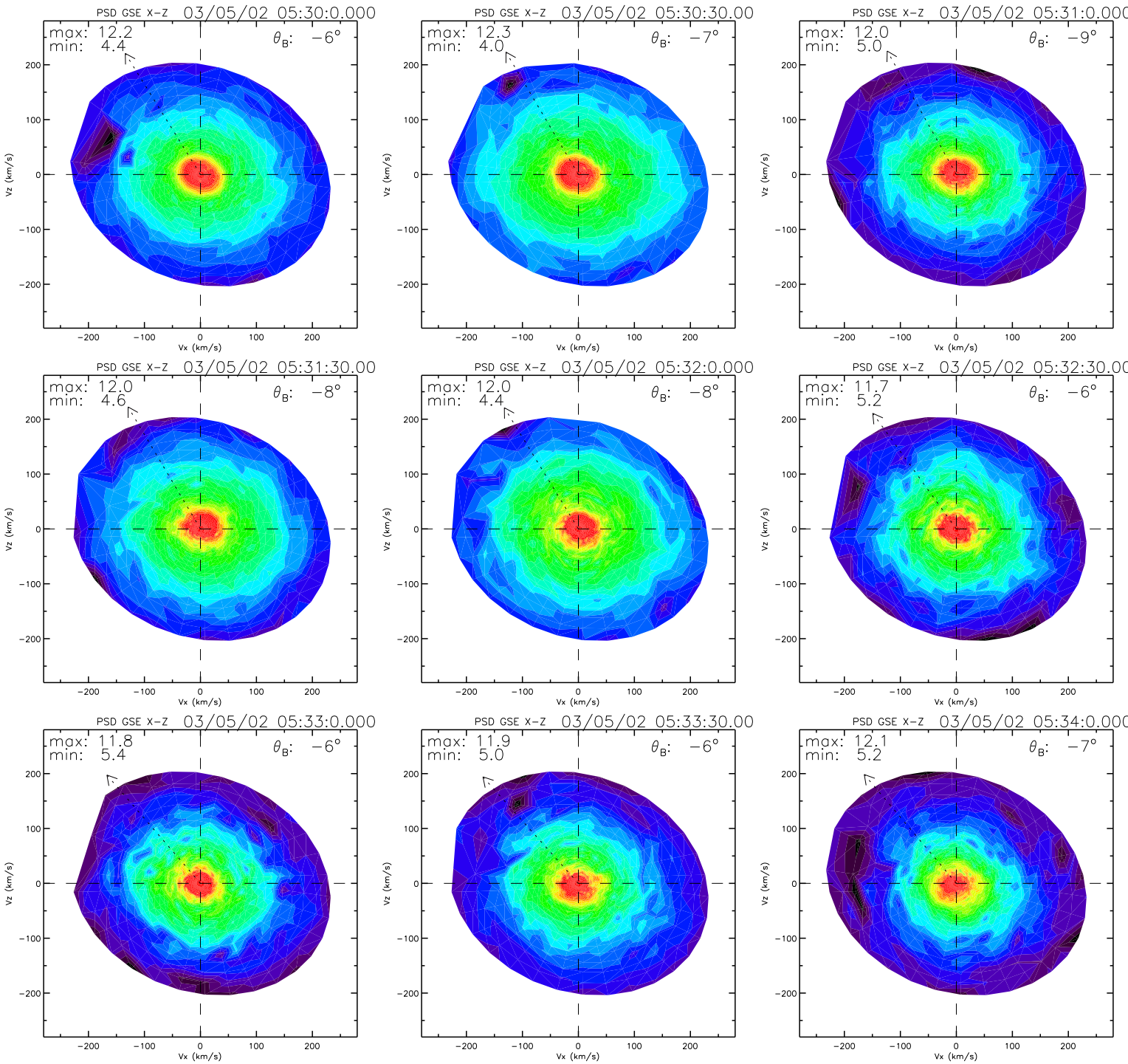

PSD GSE X-Z 03/05/02 05:07:30.00
max: 12.1
min: 5.0
θB: −11°
PSD GSE X-Z 03/05/02 05:08:0.000
max: 11.9
min: 4.7
θB: −13°
PSD GSE X-Z 03/05/02 05:08:30.00
max: 12.6
min: 4.1
θB: −13°
PSD GSE X-Z 03/05/02 05:09:0.000
max: 12.0
min: 4.8
θB: −12°
PSD GSE X-Z 03/05/02 05:09:30.00
max: 12.4
min: 4.7
θB: −10°
PSD GSE X-Z 03/05/02 05:10:0.000
max: 12.6
min: 4.1
θB: −9°
PSD GSE X-Z 03/05/02 05:10:30.00
max: 12.5
min: 5.0
θB: −10°
PSD GSE X-Z 03/05/02 05:11:0.000
max: 12.8
min: 5.6
θB: −9°
PSD GSE X-Z 03/05/02 05:11:30.00
max: 12.6
min: 5.2
θB: −14°
Vz (km/s)
Vx (km/s)

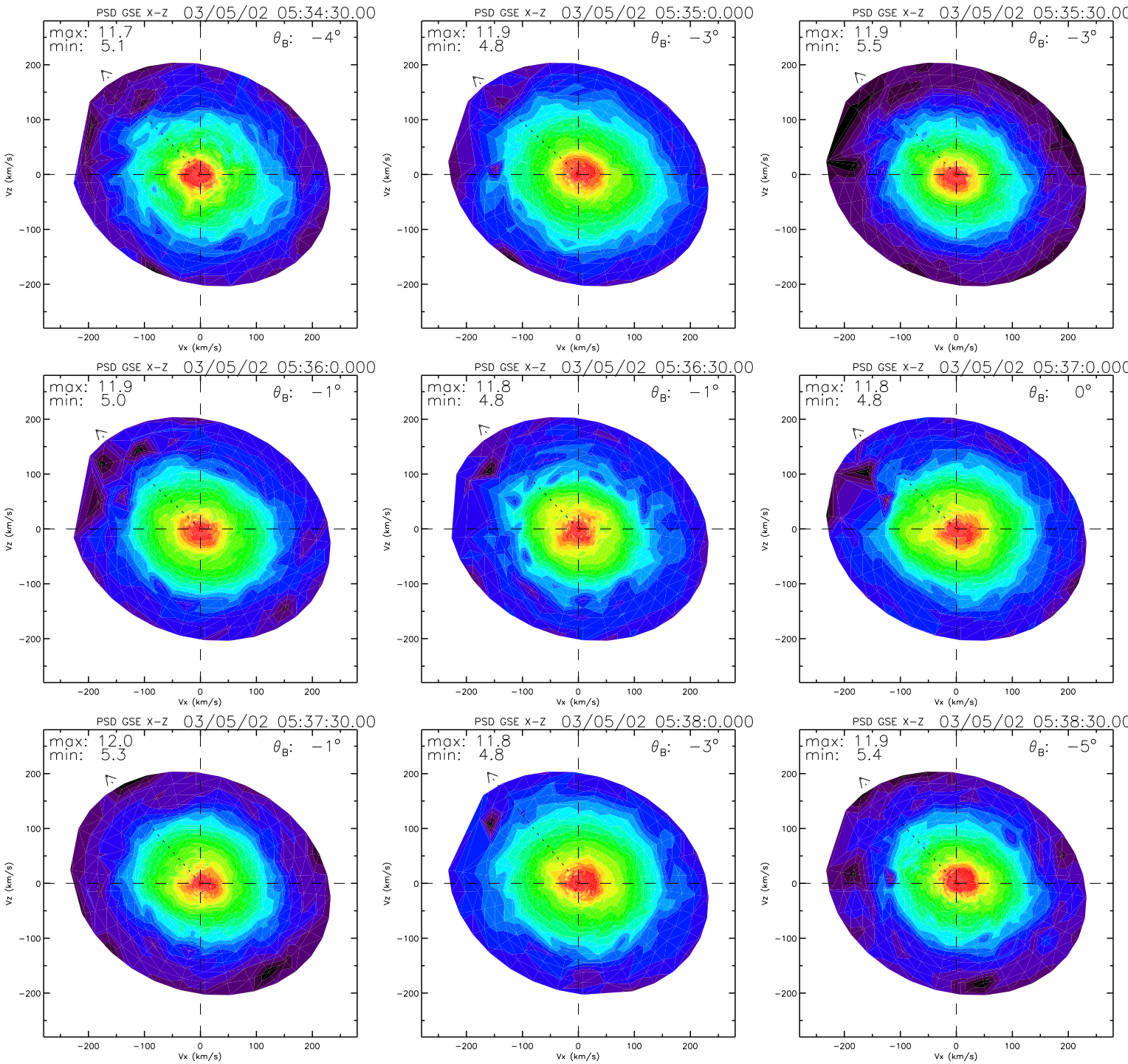

PSD GSE X-Z 03/05/02 05:12:0.000
max: 12.7
min: 5.7
θB: −13°
PSD GSE X-Z 03/05/02 05:12:30.00
max: 12.5
min: 5.9
θB: −13°
PSD GSE X-Z 03/05/02 05:13:0.000
max: 12.3
min: 5.8
θB: −14°
PSD GSE X-Z 03/05/02 05:13:30.00
max: 12.5
min: 4.9
θB: −13°
PSD GSE X-Z 03/05/02 05:14:0.000
max: 12.1
min: 5.1
θB: −14°
PSD GSE X-Z 03/05/02 05:14:30.00
max: 12.2
min: 5.9
θB: −14°
PSD GSE X-Z 03/05/02 05:15:0.000
max: 12.1
min: 4.8
θB: −14°
PSD GSE X-Z 03/05/02 05:15:30.00
max: 12.1
min: 4.4
θB: −12°
PSD GSE X-Z 03/05/02 05:16:0.000
max: 12.3
min: 4.6
θB: −13°
Vx (km/s)
Vz (km/s)

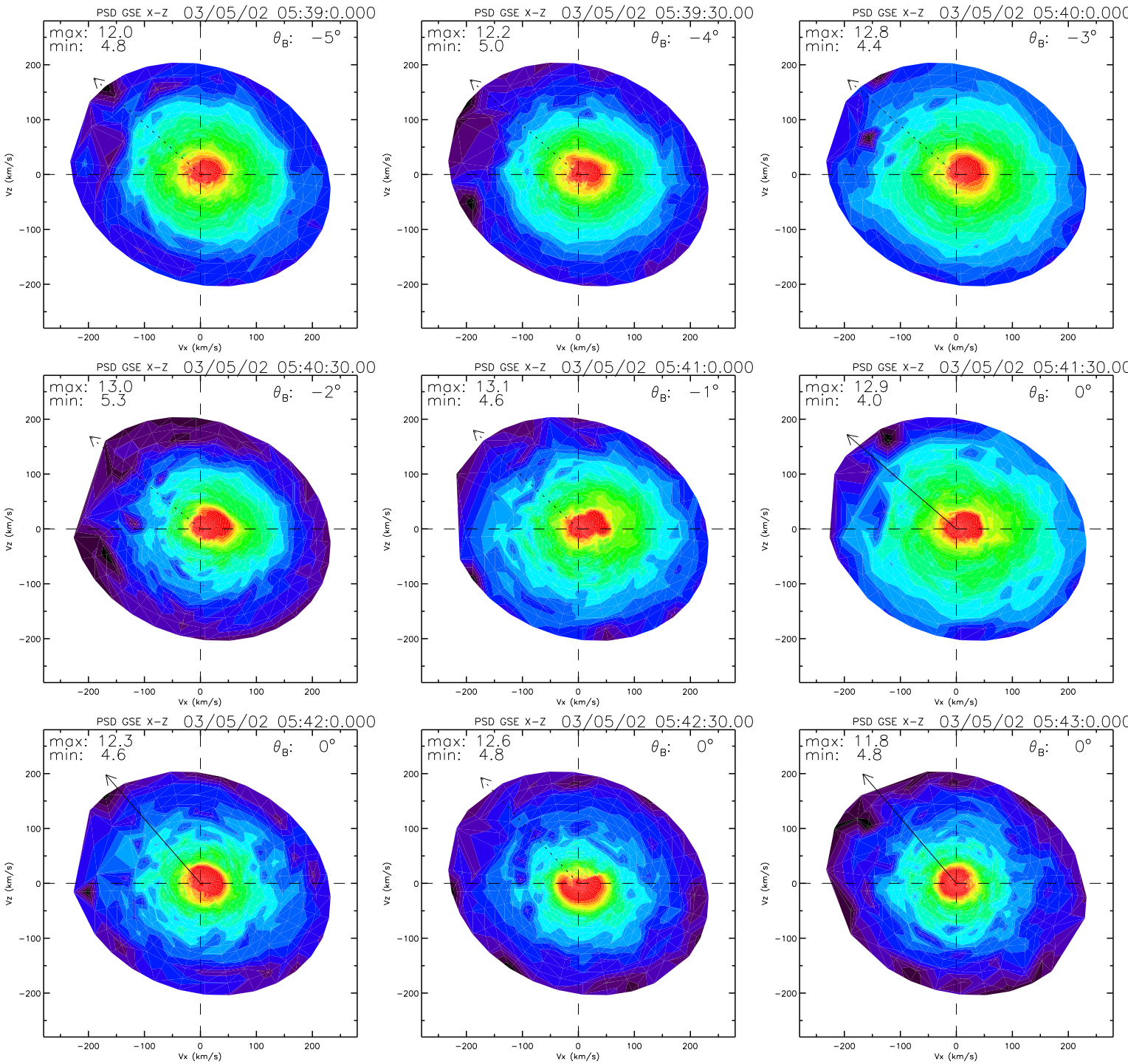

PSD GSE X-Z 03/05/02 05:16:30.00
max: 12.3
min: 4.1
θ_B: −10°
PSD GSE X-Z 03/05/02 05:17:0.000
max: 11.7
min: 4.0
θ_B: −11°
PSD GSE X-Z 03/05/02 05:17:30.00
max: 12.1
min: 4.9
θ_B: −11°
PSD GSE X-Z 03/05/02 05:18:0.000
max: 12.5
min: 4.1
θ_B: −10°
PSD GSE X-Z 03/05/02 05:18:30.00
max: 12.1
min: 4.4
θ_B: −11°
PSD GSE X-Z 03/05/02 05:19:0.000
max: 12.4
min: 4.9
θ_B: −11°
PSD GSE X-Z 03/05/02 05:19:30.00
max: 12.2
min: 4.8
θ_B: −11°
PSD GSE X-Z 03/05/02 05:20:0.000
max: 12.9
min: 4.6
θ_B: −11°
PSD GSE X-Z 03/05/02 05:20:30.00
max: 12.6
min: 5.2
θ_B: −14°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

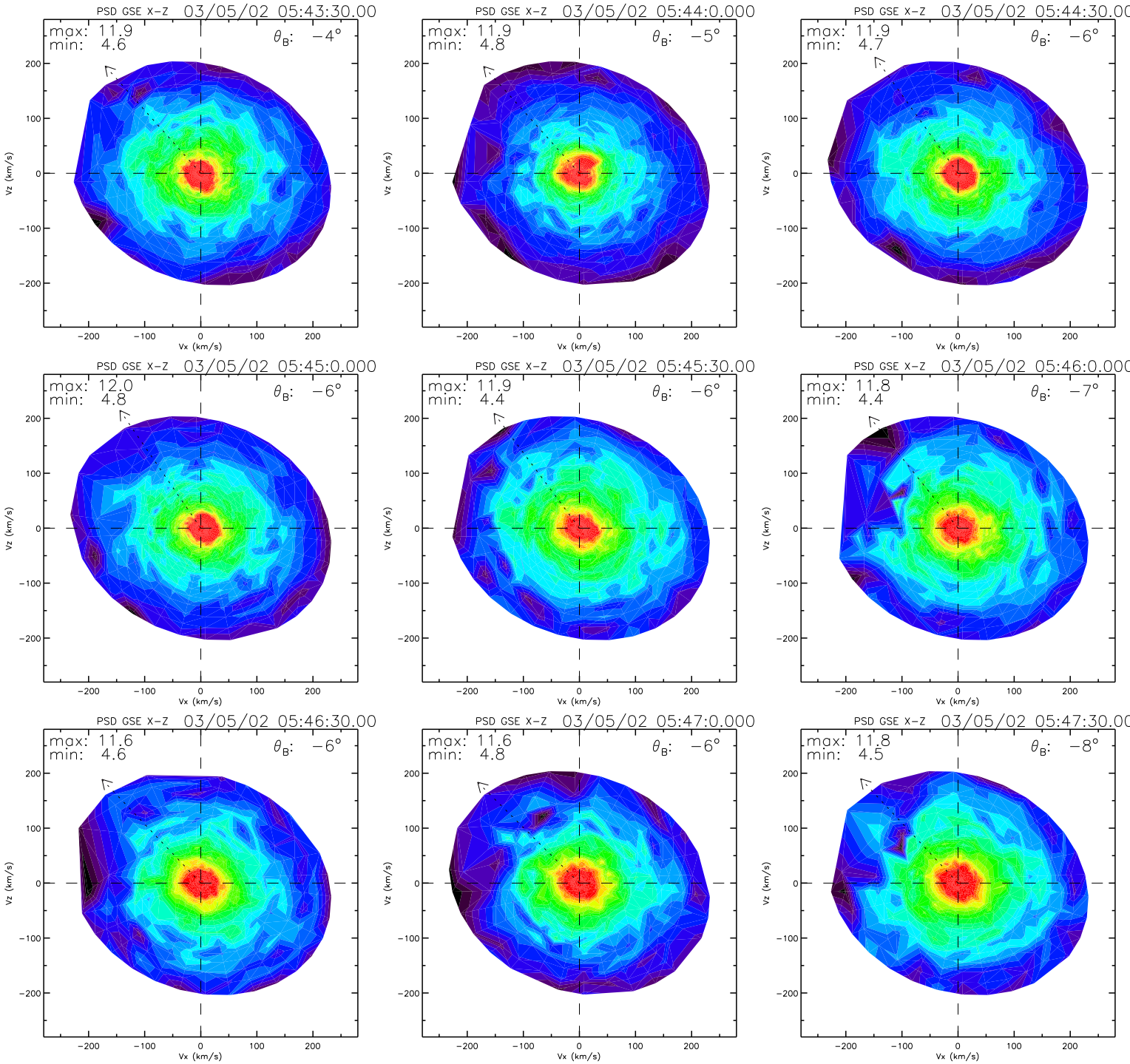

PSD GSE X-Z 03/05/02 05:21:0.000
max: 12.1
min: 5.2
θB: −13°
PSD GSE X-Z 03/05/02 05:21:30.00
max: 12.6
min: 5.2
θB: −10°
PSD GSE X-Z 03/05/02 05:22:0.000
max: 12.7
min: 5.3
θB: −10°
PSD GSE X-Z 03/05/02 05:22:30.00
max: 12.7
min: 5.5
θB: −12°
PSD GSE X-Z 03/05/02 05:23:0.000
max: 12.4
min: 4.7
θB: −11°
PSD GSE X-Z 03/05/02 05:23:30.00
max: 12.3
min: 5.4
θB: −11°
PSD GSE X-Z 03/05/02 05:24:0.000
max: 12.4
min: 5.5
θB: −10°
PSD GSE X-Z 03/05/02 05:24:30.00
max: 12.4
min: 5.4
θB: −10°
PSD GSE X-Z 03/05/02 05:25:0.000
max: 12.4
min: 5.0
θB: −10°
Vx (km/s)
Vz (km/s)

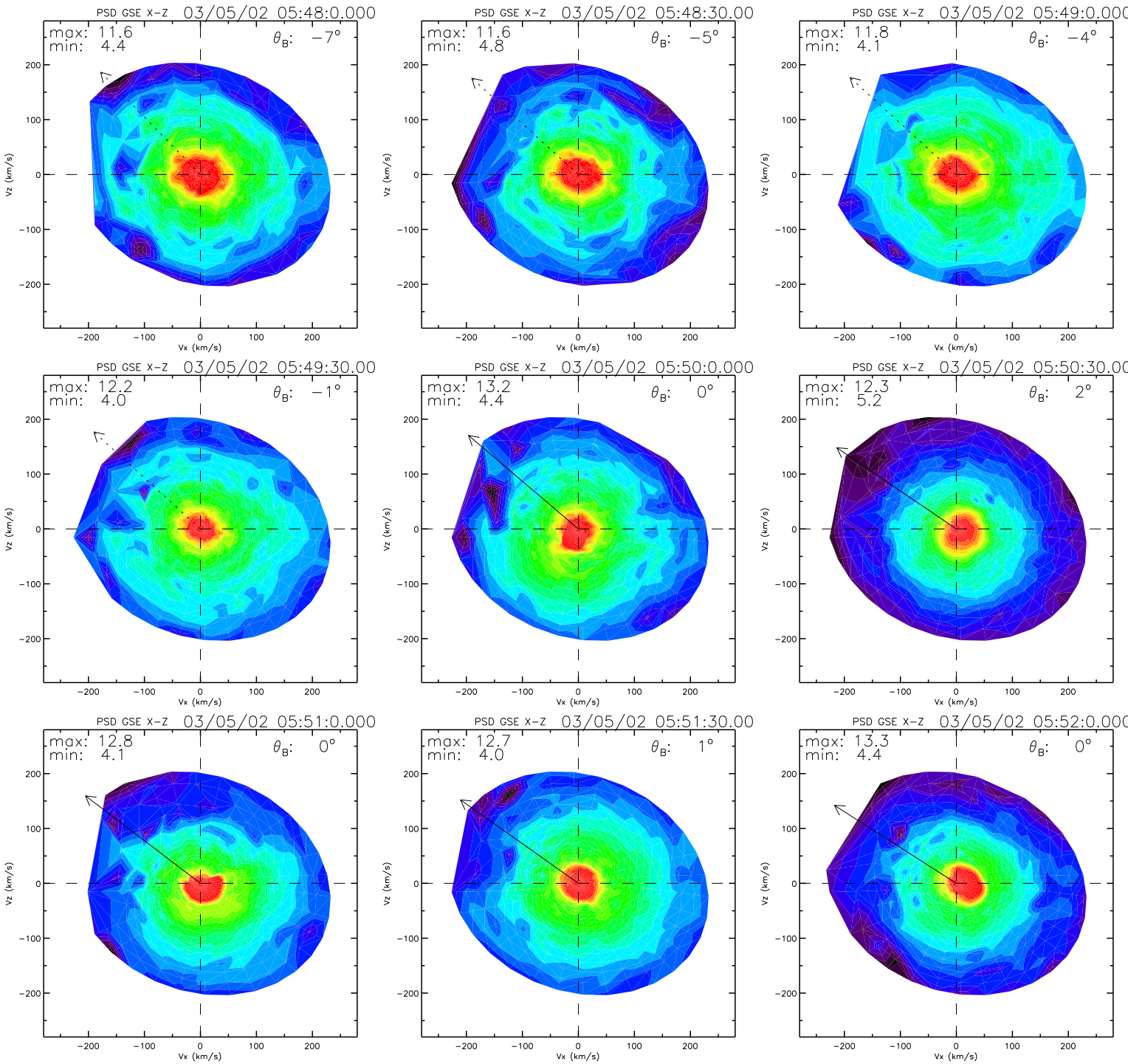

PSD GSE X-Z 03/05/02 05:25:30.00
max: 12.6
min: 4.7
θB: −10°
PSD GSE X-Z 03/05/02 05:26:0.000
max: 12.6
min: 5.0
θB: −9°
PSD GSE X-Z 03/05/02 05:26:30.00
max: 13.0
min: 4.8
θB: −9°
PSD GSE X-Z 03/05/02 05:27:0.000
max: 12.6
min: 4.6
θB: −11°
PSD GSE X-Z 03/05/02 05:27:30.00
max: 12.7
min: 4.1
θB: −7°
PSD GSE X-Z 03/05/02 05:28:0.000
max: 12.3
min: 4.9
θB: −9°
PSD GSE X-Z 03/05/02 05:28:30.00
max: 12.1
min: 4.0
θB: −9°
PSD GSE X-Z 03/05/02 05:29:0.000
max: 12.1
min: 5.0
θB: −8°
PSD GSE X-Z 03/05/02 05:29:30.00
max: 12.3
min: 5.2
θB: −8°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

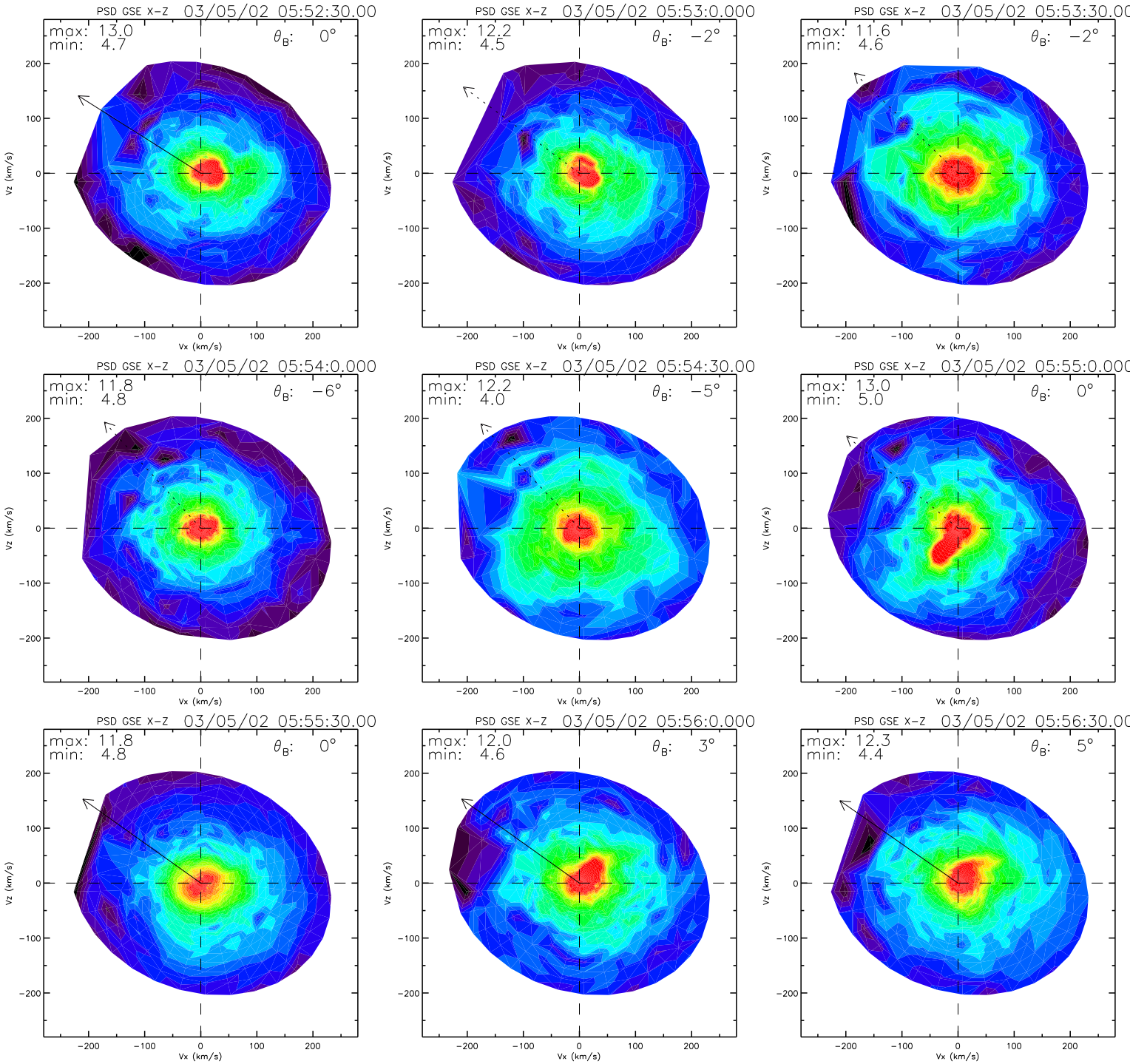

PSD GSE X-Z 03/05/02 05:30:0.000
max: 12.2
min: 4.4
θB: −6°
PSD GSE X-Z 03/05/02 05:30:30.00
max: 12.3
min: 4.0
θB: −7°
PSD GSE X-Z 03/05/02 05:31:0.000
max: 12.0
min: 5.0
θB: −9°
PSD GSE X-Z 03/05/02 05:31:30.00
max: 12.0
min: 4.6
θB: −8°
PSD GSE X-Z 03/05/02 05:32:0.000
max: 12.0
min: 4.4
θB: −8°
PSD GSE X-Z 03/05/02 05:32:30.00
max: 11.7
min: 5.2
θB: −6°
PSD GSE X-Z 03/05/02 05:33:0.000
max: 11.8
min: 5.4
θB: −6°
PSD GSE X-Z 03/05/02 05:33:30.00
max: 11.9
min: 5.0
θB: −6°
PSD GSE X-Z 03/05/02 05:34:0.000
max: 12.1
min: 5.2
θB: −7°
Vx (km/s)
Vz (km/s)

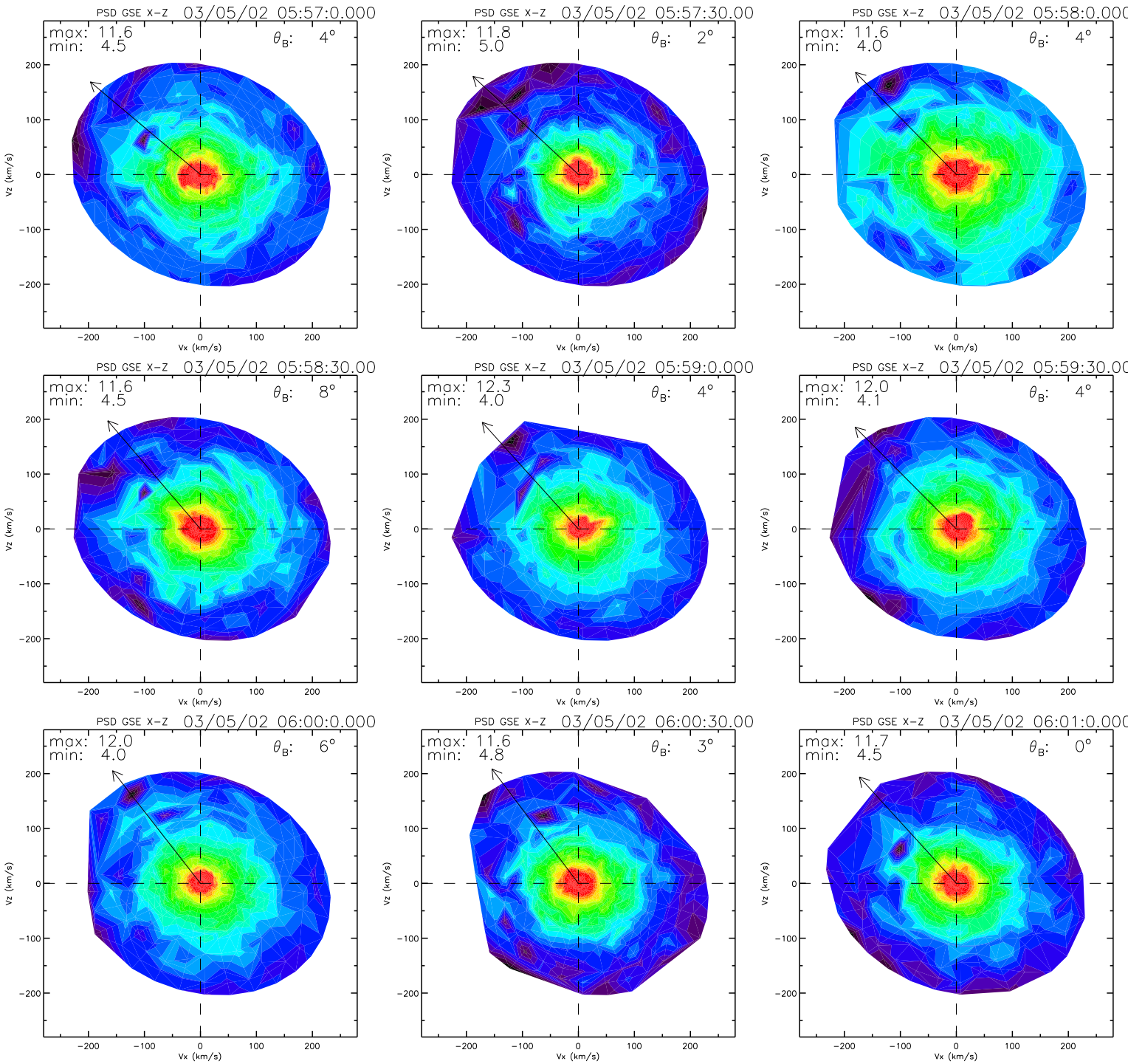

PSD GSE X-Z 03/05/02 05:34:30.00
max: 11.7
min: 5.1
θB: −4°
PSD GSE X-Z 03/05/02 05:35:0.000
max: 11.9
min: 4.8
θB: −3°
PSD GSE X-Z 03/05/02 05:35:30.00
max: 11.9
min: 5.5
θB: −3°
PSD GSE X-Z 03/05/02 05:36:0.000
max: 11.9
min: 5.0
θB: −1°
PSD GSE X-Z 03/05/02 05:36:30.00
max: 11.8
min: 4.8
θB: −1°
PSD GSE X-Z 03/05/02 05:37:0.000
max: 11.8
min: 4.8
θB: 0°
PSD GSE X-Z 03/05/02 05:37:30.00
max: 12.0
min: 5.3
θB: −1°
PSD GSE X-Z 03/05/02 05:38:0.000
max: 11.8
min: 4.8
θB: −3°
PSD GSE X-Z 03/05/02 05:38:30.00
max: 11.9
min: 5.4
θB: −5°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

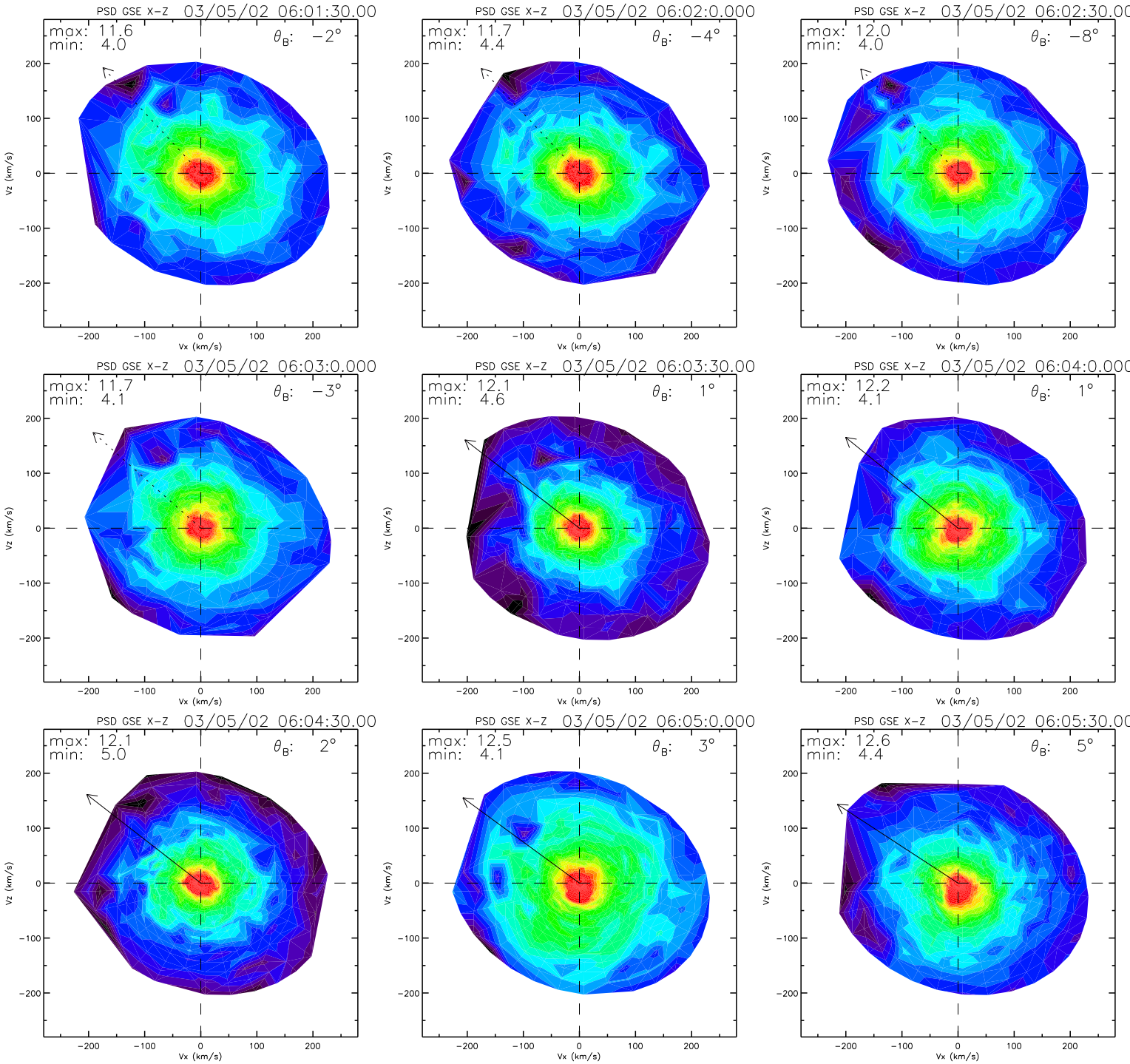

PSD GSE X-Z 03/05/02 05:39:0.000
max: 12.0
min: 4.8
θB: −5°
PSD GSE X-Z 03/05/02 05:39:30.00
max: 12.2
min: 5.0
θB: −4°
PSD GSE X-Z 03/05/02 05:40:0.000
max: 12.8
min: 4.4
θB: −3°
PSD GSE X-Z 03/05/02 05:40:30.00
max: 13.0
min: 5.3
θB: −2°
PSD GSE X-Z 03/05/02 05:41:0.000
max: 13.1
min: 4.6
θB: −1°
PSD GSE X-Z 03/05/02 05:41:30.00
max: 12.9
min: 4.0
θB: 0°
PSD GSE X-Z 03/05/02 05:42:0.000
max: 12.3
min: 4.6
θB: 0°
PSD GSE X-Z 03/05/02 05:42:30.00
max: 12.6
min: 4.8
θB: 0°
PSD GSE X-Z 03/05/02 05:43:0.000
max: 11.8
min: 4.8
θB: 0°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

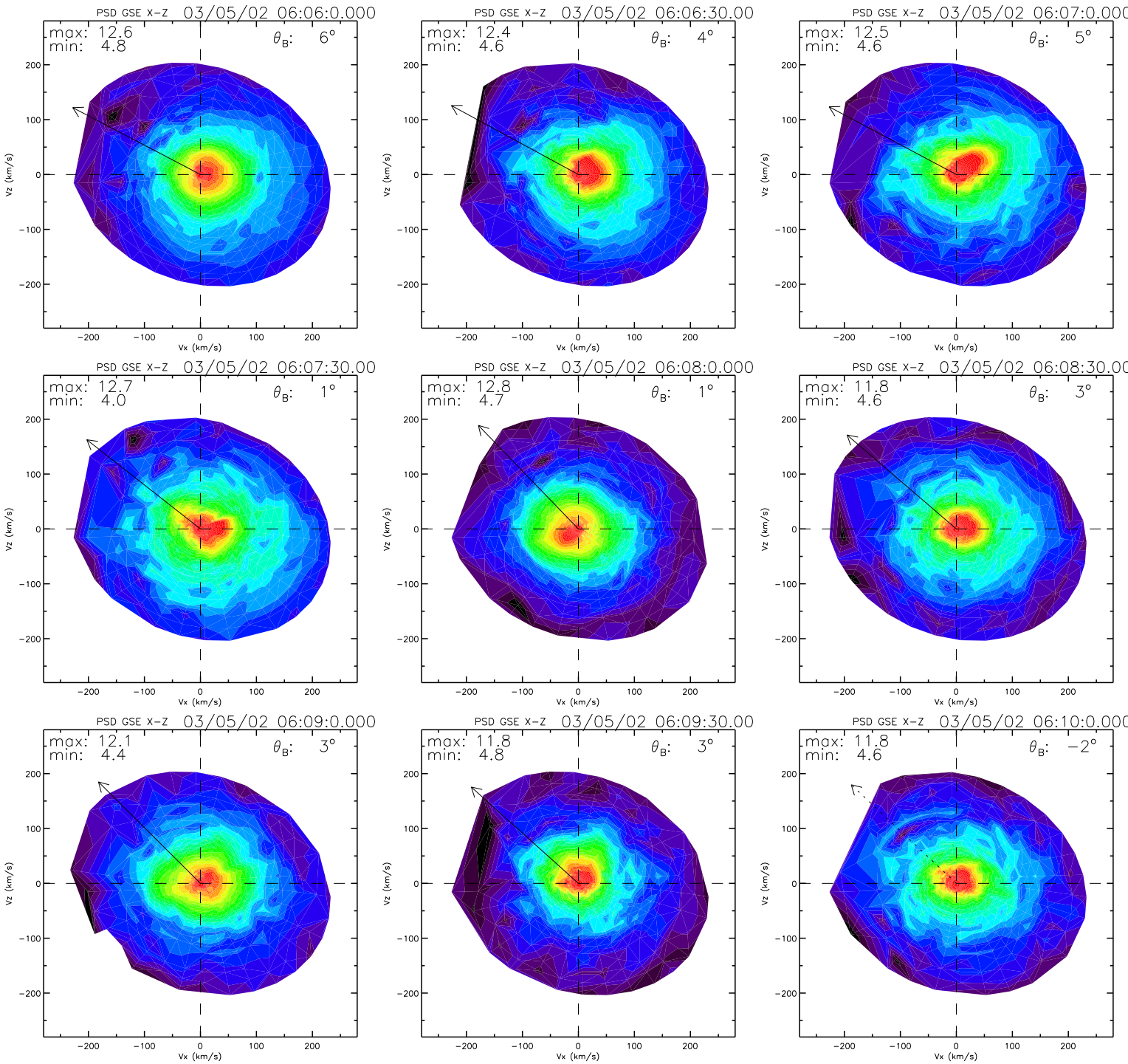

PSD GSE X-Z 03/05/02 05:43:30.00
max: 11.9
min: 4.6
θB: −4°
PSD GSE X-Z 03/05/02 05:44:0.000
max: 11.9
min: 4.8
θB: −5°
PSD GSE X-Z 03/05/02 05:44:30.00
max: 11.9
min: 4.7
θB: −6°
PSD GSE X-Z 03/05/02 05:45:0.000
max: 12.0
min: 4.8
θB: −6°
PSD GSE X-Z 03/05/02 05:45:30.00
max: 11.9
min: 4.4
θB: −6°
PSD GSE X-Z 03/05/02 05:46:0.000
max: 11.8
min: 4.4
θB: −7°
PSD GSE X-Z 03/05/02 05:46:30.00
max: 11.6
min: 4.6
θB: −6°
PSD GSE X-Z 03/05/02 05:47:0.000
max: 11.6
min: 4.8
θB: −6°
PSD GSE X-Z 03/05/02 05:47:30.00
max: 11.8
min: 4.5
θB: −8°
Vz (km/s)
Vx (km/s)
−200
−100
0
100
200

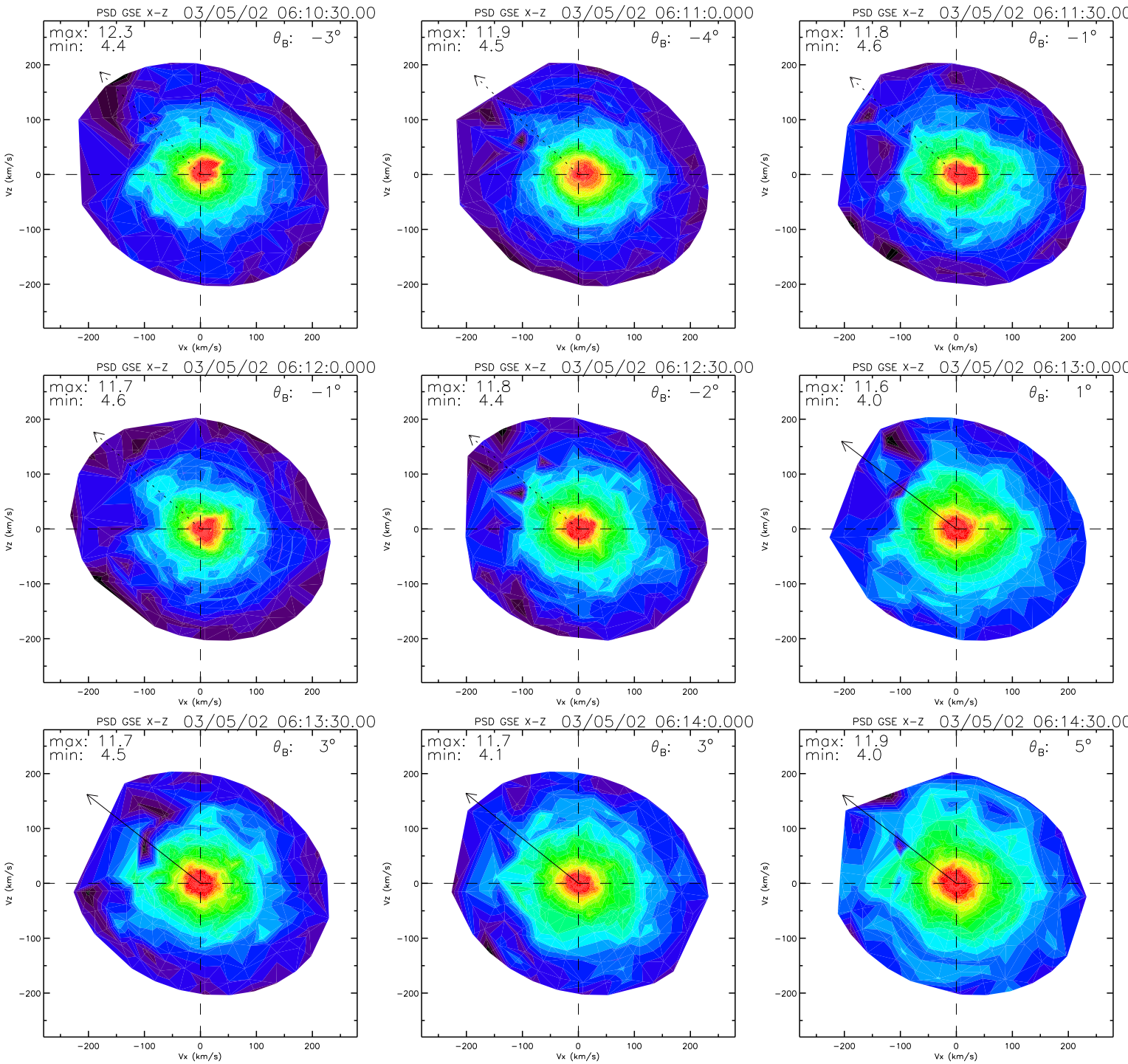

PSD GSE X-Z 03/05/02 05:48:0.000
max: 11.6
min: 4.4
θB: −7°
PSD GSE X-Z 03/05/02 05:48:30.00
max: 11.6
min: 4.8
θB: −5°
PSD GSE X-Z 03/05/02 05:49:0.000
max: 11.8
min: 4.1
θB: −4°
PSD GSE X-Z 03/05/02 05:49:30.00
max: 12.2
min: 4.0
θB: −1°
PSD GSE X-Z 03/05/02 05:50:0.000
max: 13.2
min: 4.4
θB: 0°
PSD GSE X-Z 03/05/02 05:50:30.00
max: 12.3
min: 5.2
θB: 2°
PSD GSE X-Z 03/05/02 05:51:0.000
max: 12.8
min: 4.1
θB: 0°
PSD GSE X-Z 03/05/02 05:51:30.00
max: 12.7
min: 4.0
θB: 1°
PSD GSE X-Z 03/05/02 05:52:0.000
max: 13.3
min: 4.4
θB: 0°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

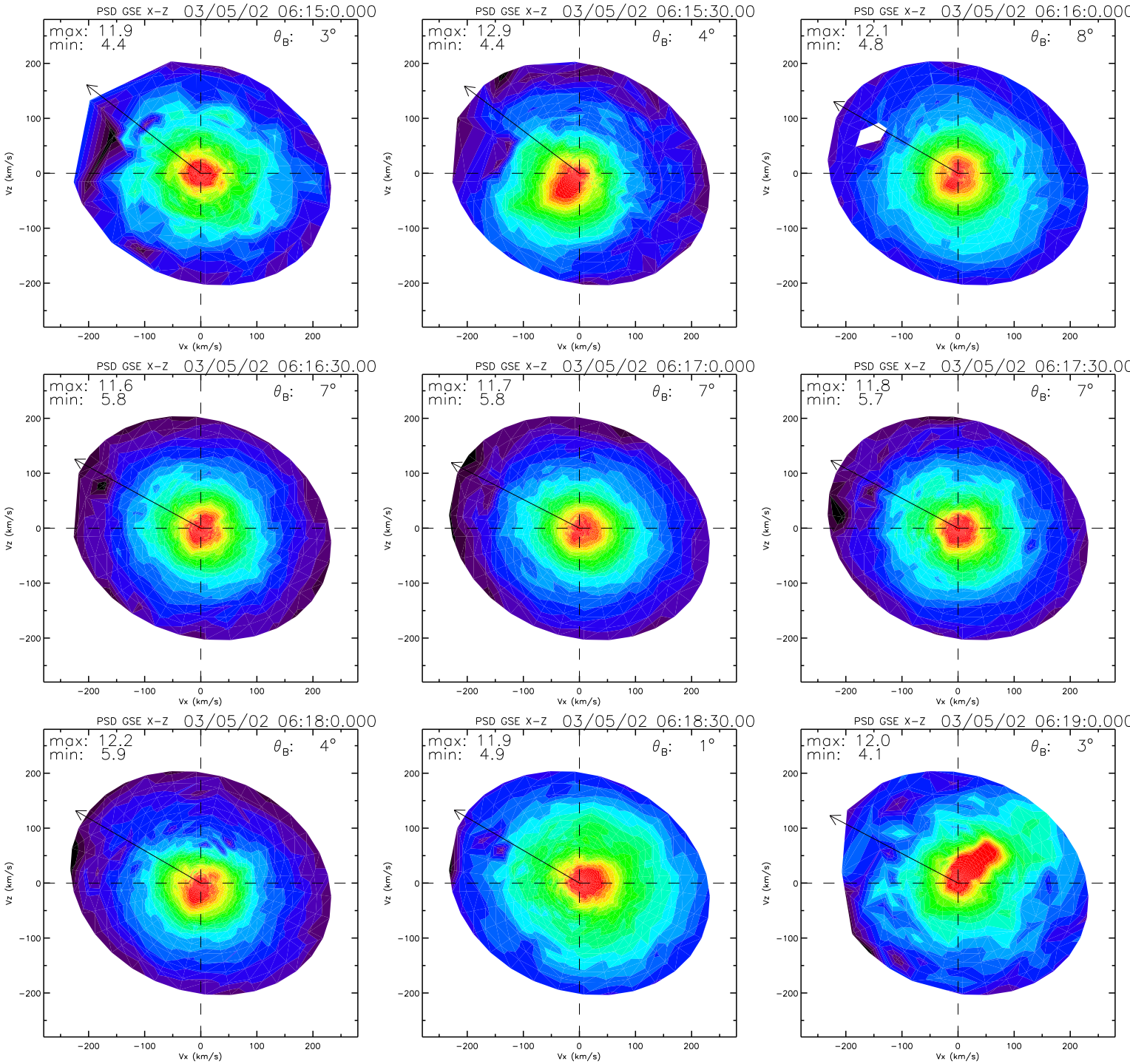

PSD GSE X-Z 03/05/02 05:52:30.00
max: 13.0
min: 4.7
θB: 0°
PSD GSE X-Z 03/05/02 05:53:0.000
max: 12.2
min: 4.5
θB: −2°
PSD GSE X-Z 03/05/02 05:53:30.00
max: 11.6
min: 4.6
θB: −2°
PSD GSE X-Z 03/05/02 05:54:0.000
max: 11.8
min: 4.8
θB: −6°
PSD GSE X-Z 03/05/02 05:54:30.00
max: 12.2
min: 4.0
θB: −5°
PSD GSE X-Z 03/05/02 05:55:0.000
max: 13.0
min: 5.0
θB: 0°
PSD GSE X-Z 03/05/02 05:55:30.00
max: 11.8
min: 4.8
θB: 0°
PSD GSE X-Z 03/05/02 05:56:0.000
max: 12.0
min: 4.6
θB: 3°
PSD GSE X-Z 03/05/02 05:56:30.00
max: 12.3
min: 4.4
θB: 5°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

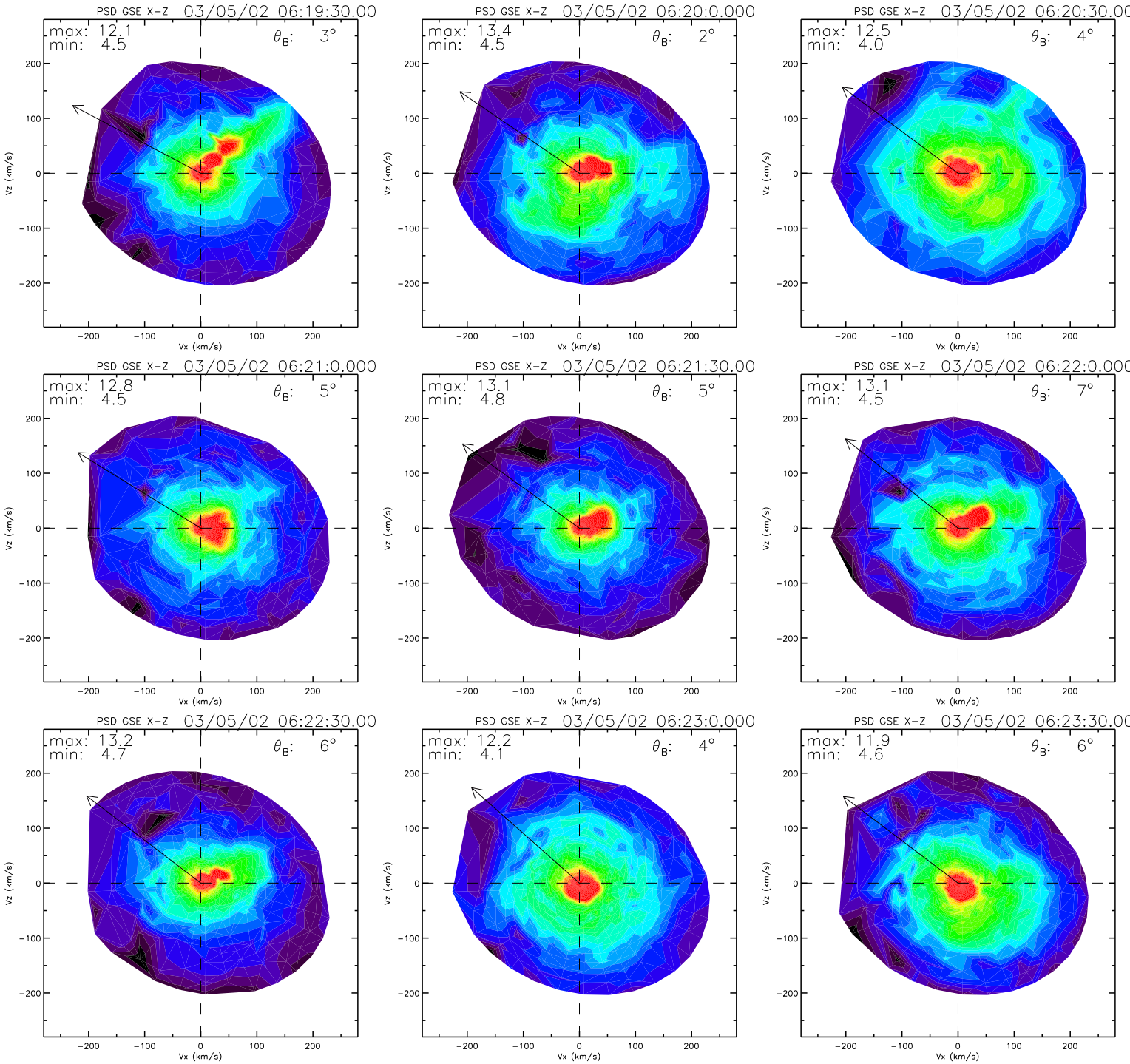

PSD GSE X-Z 03/05/02 05:57:0.000
max: 11.6
min: 4.5
θB: 4°
PSD GSE X-Z 03/05/02 05:57:30.00
max: 11.8
min: 5.0
θB: 2°
PSD GSE X-Z 03/05/02 05:58:0.000
max: 11.6
min: 4.0
θB: 4°
PSD GSE X-Z 03/05/02 05:58:30.00
max: 11.6
min: 4.5
θB: 8°
PSD GSE X-Z 03/05/02 05:59:0.000
max: 12.3
min: 4.0
θB: 4°
PSD GSE X-Z 03/05/02 05:59:30.00
max: 12.0
min: 4.1
θB: 4°
PSD GSE X-Z 03/05/02 06:00:0.000
max: 12.0
min: 4.0
θB: 6°
PSD GSE X-Z 03/05/02 06:00:30.00
max: 11.6
min: 4.8
θB: 3°
PSD GSE X-Z 03/05/02 06:01:0.000
max: 11.7
min: 4.5
θB: 0°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200

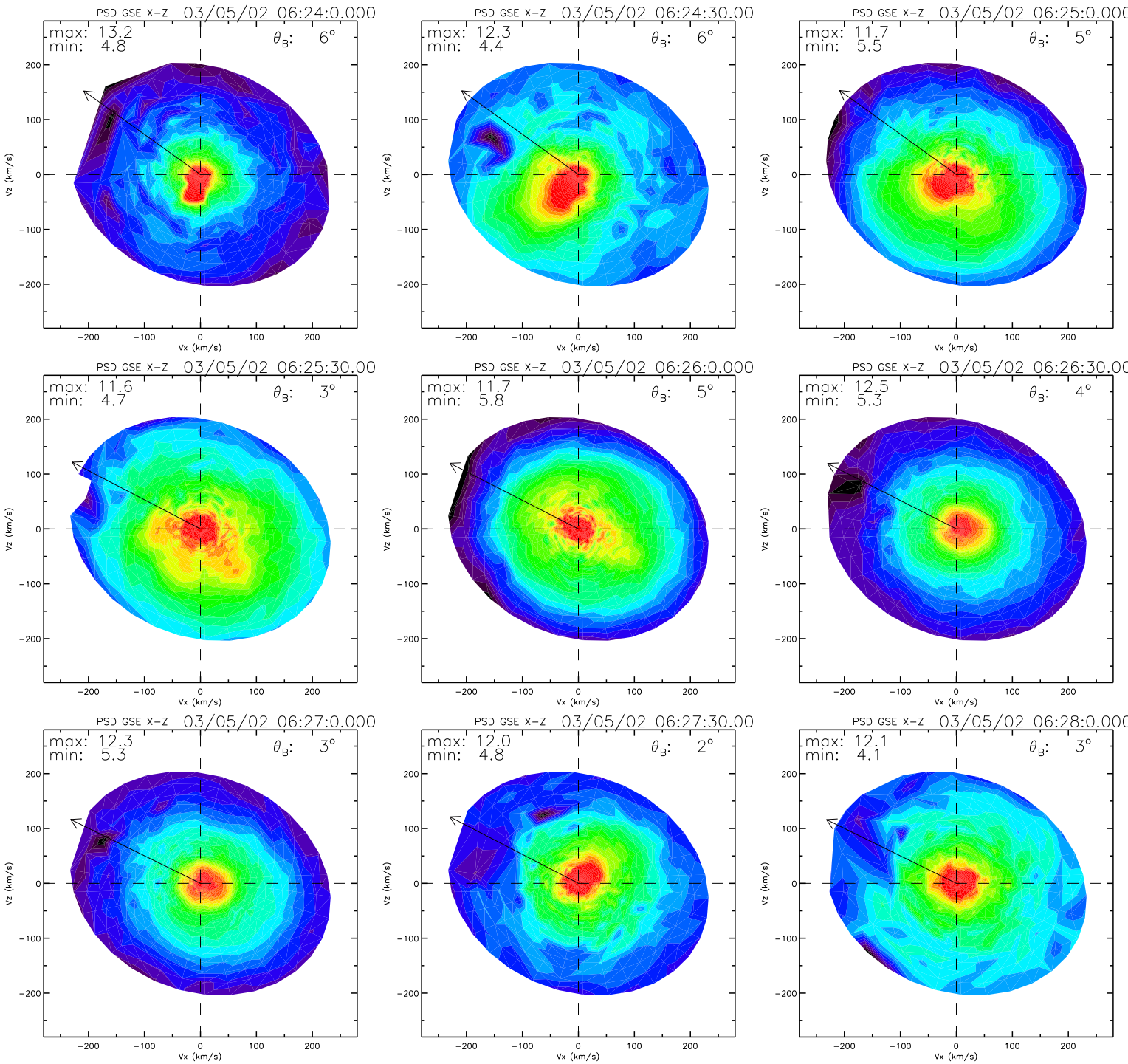

PSD GSE X-Z 03/05/02 06:01:30.00
max: 11.6
min: 4.0
θB: −2°
PSD GSE X-Z 03/05/02 06:02:0.000
max: 11.7
min: 4.4
θB: −4°
PSD GSE X-Z 03/05/02 06:02:30.00
max: 12.0
min: 4.0
θB: −8°
PSD GSE X-Z 03/05/02 06:03:0.000
max: 11.7
min: 4.1
θB: −3°
PSD GSE X-Z 03/05/02 06:03:30.00
max: 12.1
min: 4.6
θB: 1°
PSD GSE X-Z 03/05/02 06:04:0.000
max: 12.2
min: 4.1
θB: 1°
PSD GSE X-Z 03/05/02 06:04:30.00
max: 12.1
min: 5.0
θB: 2°
PSD GSE X-Z 03/05/02 06:05:0.000
max: 12.5
min: 4.1
θB: 3°
PSD GSE X-Z 03/05/02 06:05:30.00
max: 12.6
min: 4.4
θB: 5°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

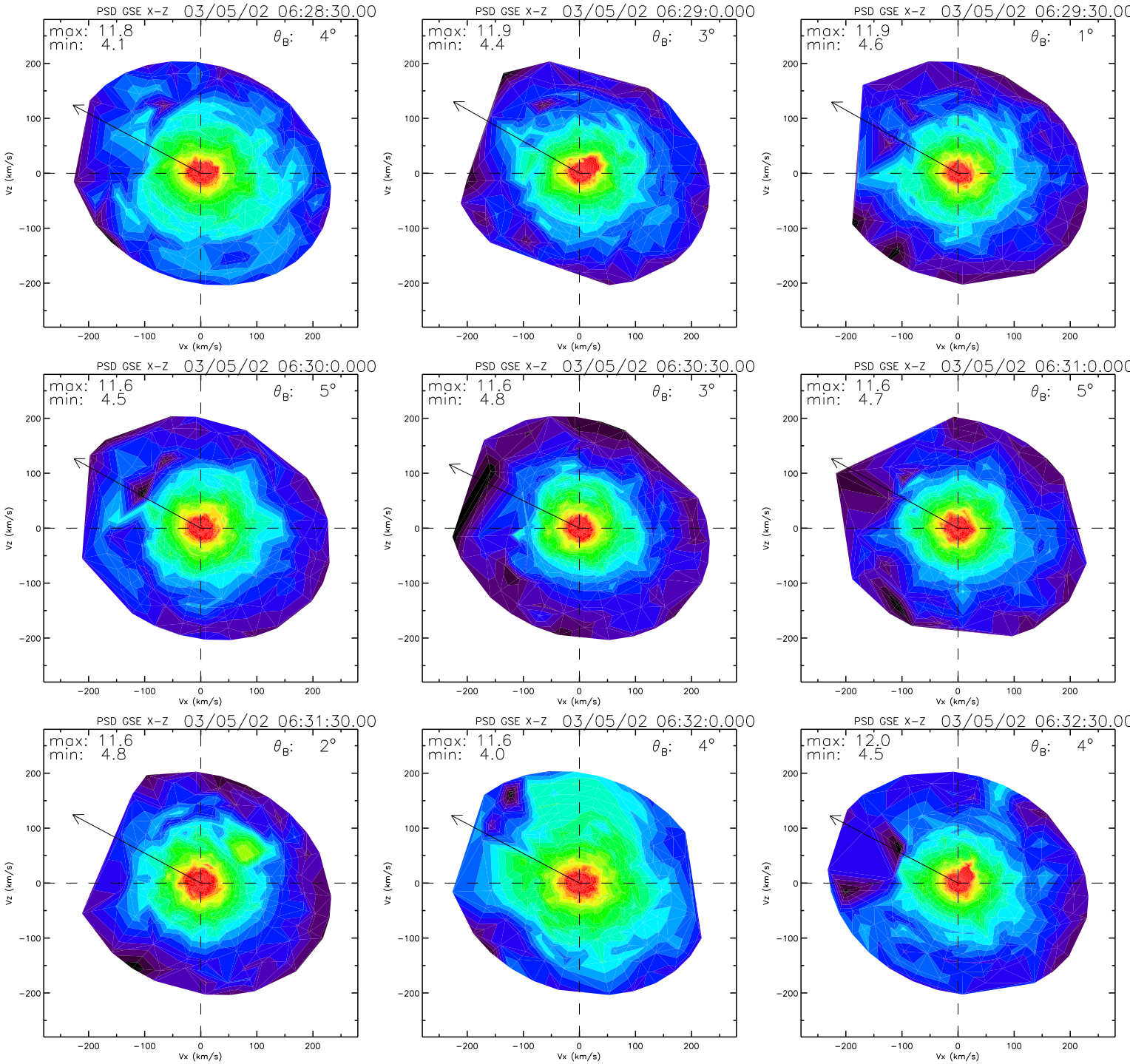

PSD GSE X-Z 03/05/02 06:06:0.000
max: 12.6
min: 4.8
θB: 6°
PSD GSE X-Z 03/05/02 06:06:30.00
max: 12.4
min: 4.6
θB: 4°
PSD GSE X-Z 03/05/02 06:07:0.000
max: 12.5
min: 4.6
θB: 5°
PSD GSE X-Z 03/05/02 06:07:30.00
max: 12.7
min: 4.0
θB: 1°
PSD GSE X-Z 03/05/02 06:08:0.000
max: 12.8
min: 4.7
θB: 1°
PSD GSE X-Z 03/05/02 06:08:30.00
max: 11.8
min: 4.6
θB: 3°
PSD GSE X-Z 03/05/02 06:09:0.000
max: 12.1
min: 4.4
θB: 3°
PSD GSE X-Z 03/05/02 06:09:30.00
max: 11.8
min: 4.8
θB: 3°
PSD GSE X-Z 03/05/02 06:10:0.000
max: 11.8
min: 4.6
θB: −2°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

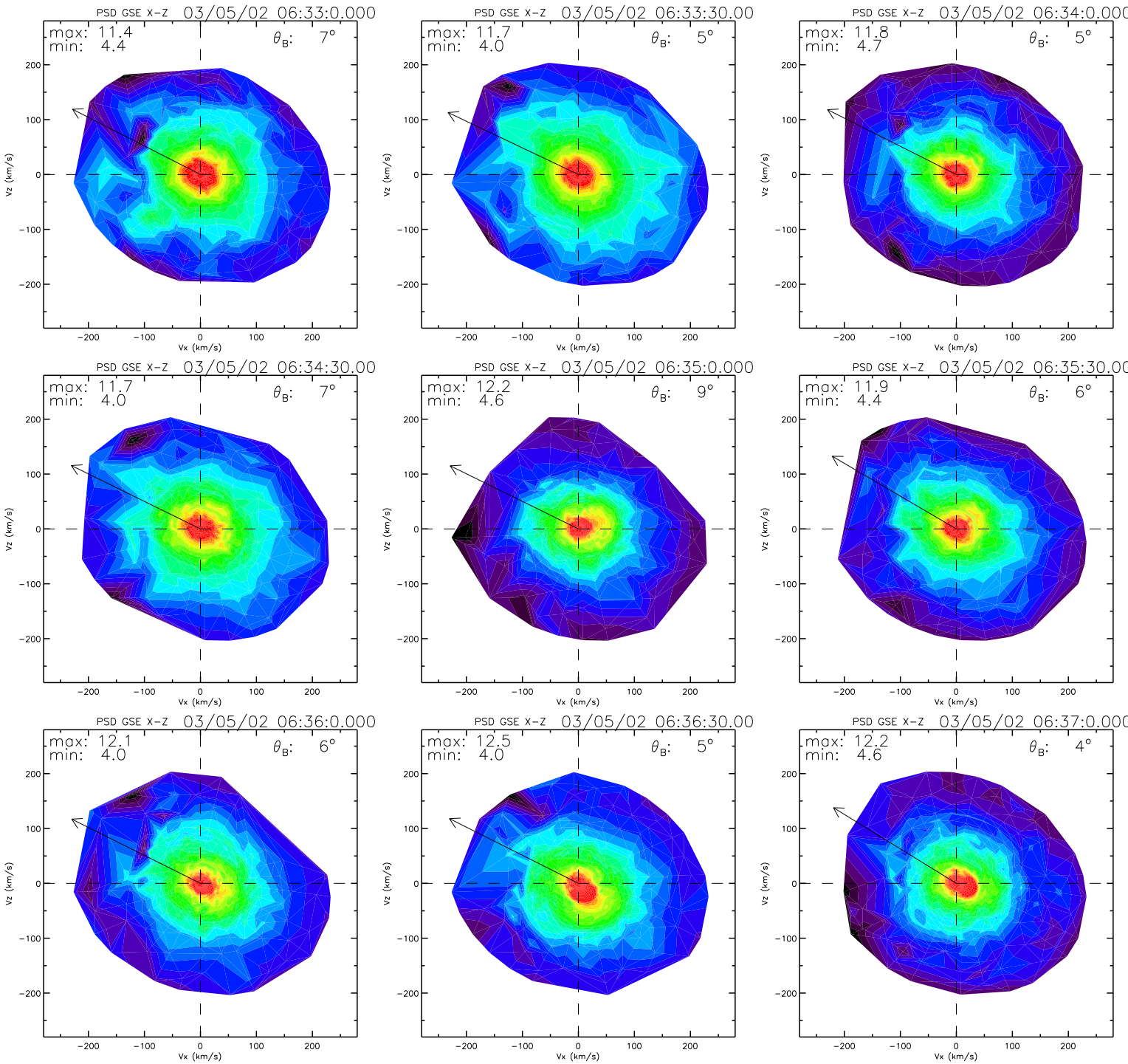

PSD GSE X-Z 03/05/02 06:10:30.00
max: 12.3
min: 4.4
θB: −3°
PSD GSE X-Z 03/05/02 06:11:0.000
max: 11.9
min: 4.5
θB: −4°
PSD GSE X-Z 03/05/02 06:11:30.00
max: 11.8
min: 4.6
θB: −1°
PSD GSE X-Z 03/05/02 06:12:0.000
max: 11.7
min: 4.6
θB: −1°
PSD GSE X-Z 03/05/02 06:12:30.00
max: 11.8
min: 4.4
θB: −2°
PSD GSE X-Z 03/05/02 06:13:0.000
max: 11.6
min: 4.0
θB: 1°
PSD GSE X-Z 03/05/02 06:13:30.00
max: 11.7
min: 4.5
θB: 3°
PSD GSE X-Z 03/05/02 06:14:0.000
max: 11.7
min: 4.1
θB: 3°
PSD GSE X-Z 03/05/02 06:14:30.00
max: 11.9
min: 4.0
θB: 5°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

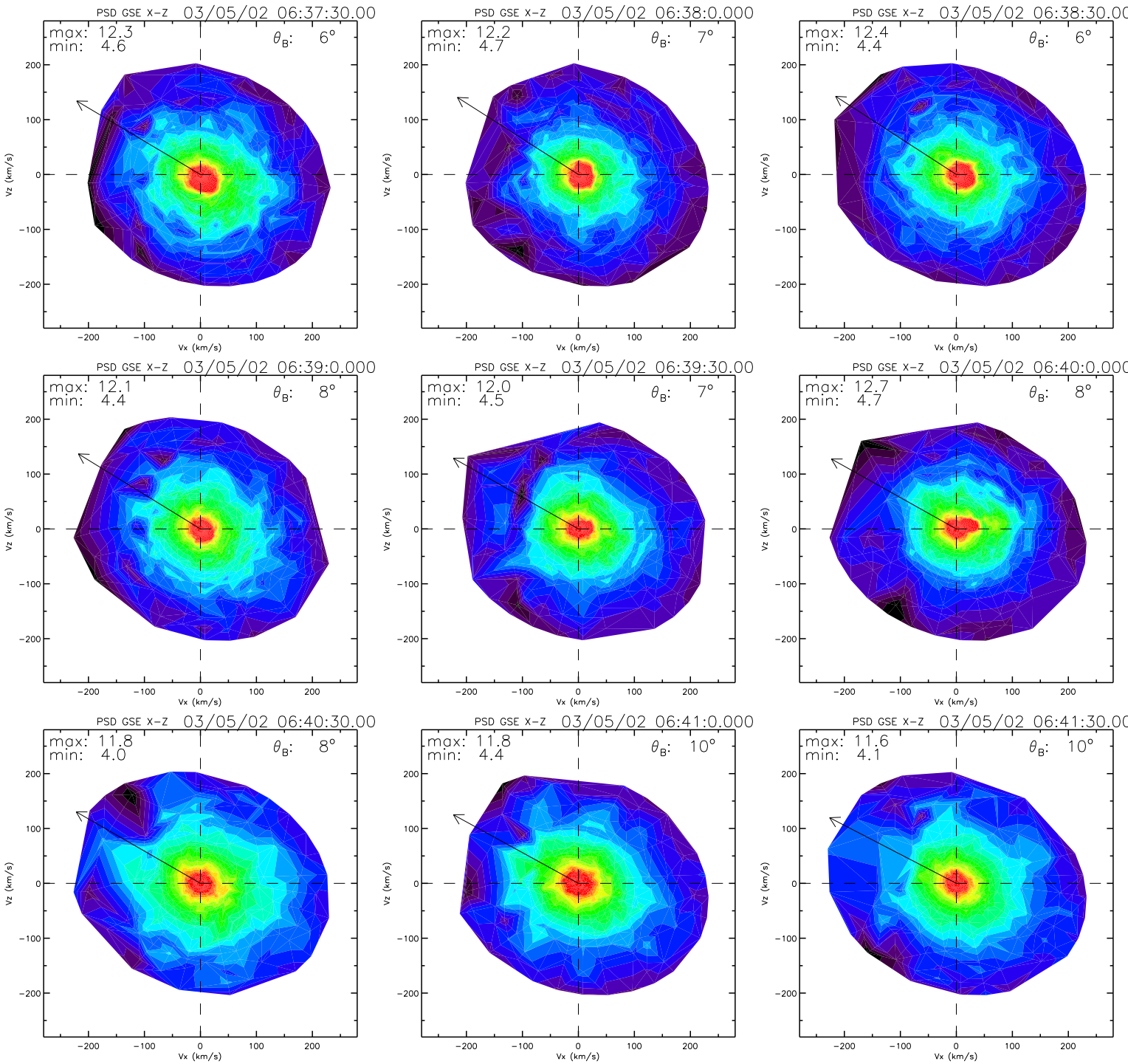

PSD GSE X-Z 03/05/02 06:15:0.000
max: 11.9
min: 4.4
θB: 3°
PSD GSE X-Z 03/05/02 06:15:30.00
max: 12.9
min: 4.4
θB: 4°
PSD GSE X-Z 03/05/02 06:16:0.000
max: 12.1
min: 4.8
θB: 8°
PSD GSE X-Z 03/05/02 06:16:30.00
max: 11.6
min: 5.8
θB: 7°
PSD GSE X-Z 03/05/02 06:17:0.000
max: 11.7
min: 5.8
θB: 7°
PSD GSE X-Z 03/05/02 06:17:30.00
max: 11.8
min: 5.7
θB: 7°
PSD GSE X-Z 03/05/02 06:18:0.000
max: 12.2
min: 5.9
θB: 4°
PSD GSE X-Z 03/05/02 06:18:30.00
max: 11.9
min: 4.9
θB: 1°
PSD GSE X-Z 03/05/02 06:19:0.000
max: 12.0
min: 4.1
θB: 3°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200

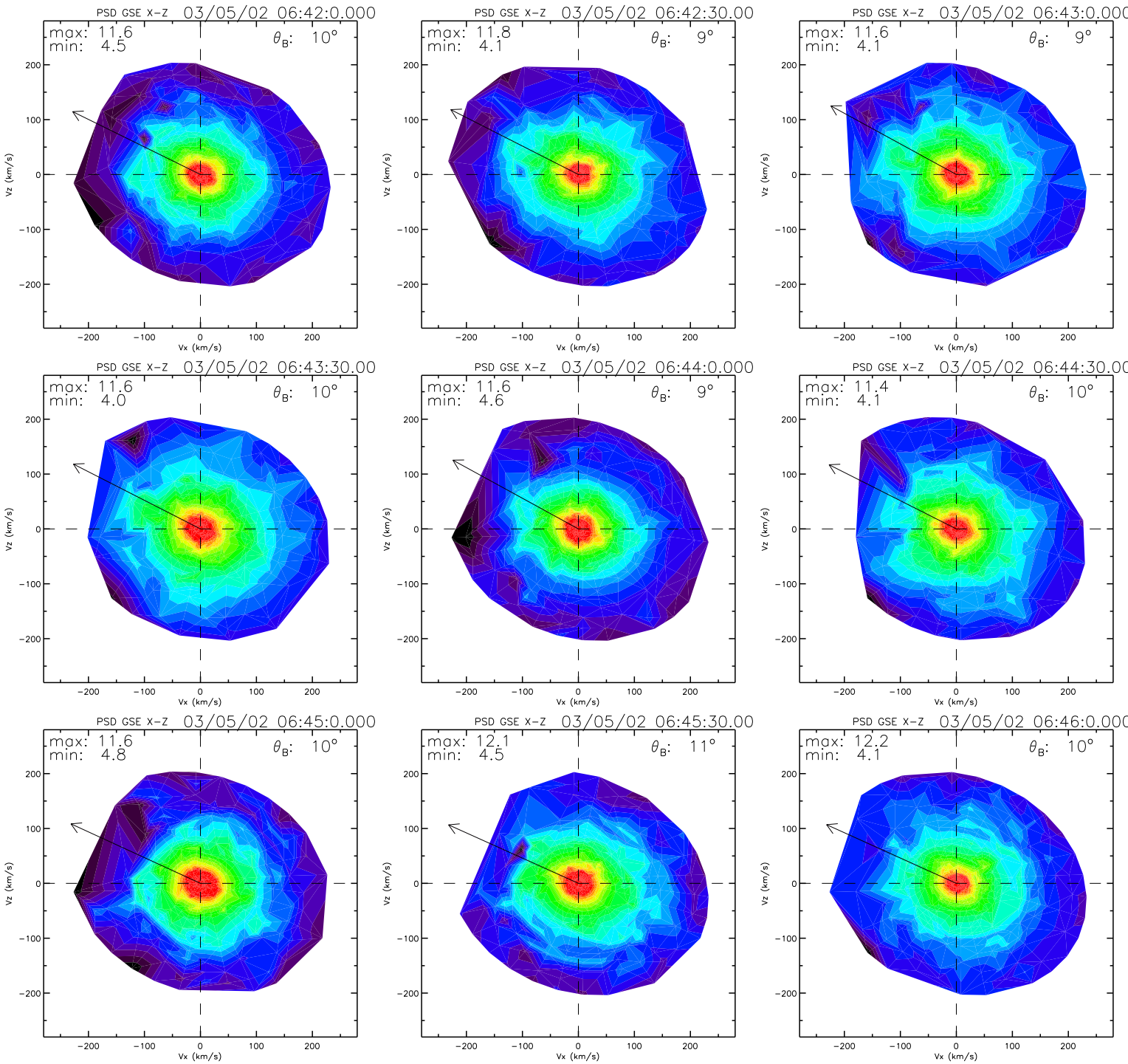

PSD GSE X-Z 03/05/02 06:19:30.00
max: 12.1
min: 4.5
θB: 3°
PSD GSE X-Z 03/05/02 06:20:0.000
max: 13.4
min: 4.5
θB: 2°
PSD GSE X-Z 03/05/02 06:20:30.00
max: 12.5
min: 4.0
θB: 4°
PSD GSE X-Z 03/05/02 06:21:0.000
max: 12.8
min: 4.5
θB: 5°
PSD GSE X-Z 03/05/02 06:21:30.00
max: 13.1
min: 4.8
θB: 5°
PSD GSE X-Z 03/05/02 06:22:0.000
max: 13.1
min: 4.5
θB: 7°
PSD GSE X-Z 03/05/02 06:22:30.00
max: 13.2
min: 4.7
θB: 6°
PSD GSE X-Z 03/05/02 06:23:0.000
max: 12.2
min: 4.1
θB: 4°
PSD GSE X-Z 03/05/02 06:23:30.00
max: 11.9
min: 4.6
θB: 6°
Vx (km/s)
Vz (km/s)

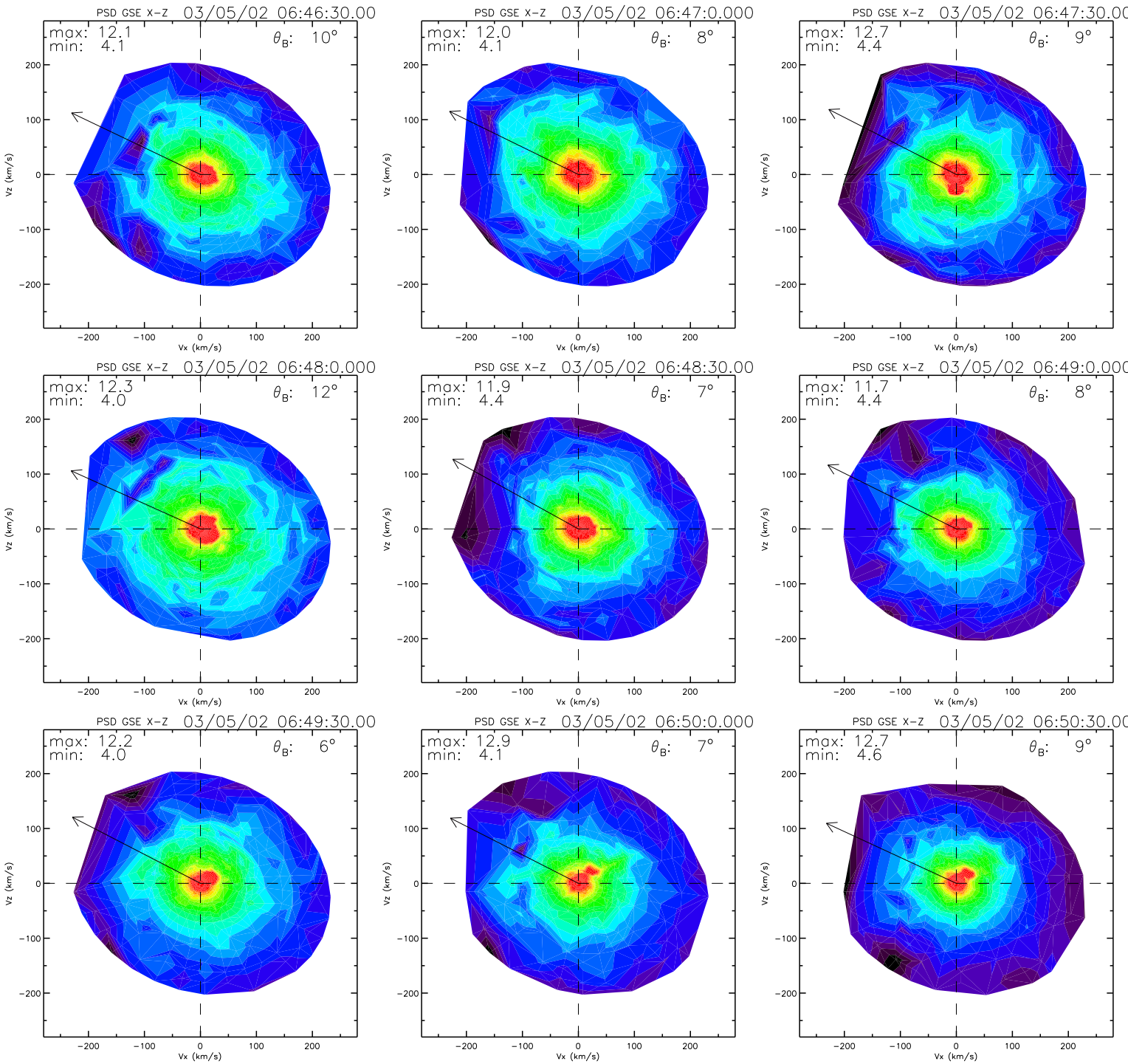

PSD GSE X-Z 03/05/02 06:24:0.000
max: 13.2
min: 4.8
θB: 6°
PSD GSE X-Z 03/05/02 06:24:30.00
max: 12.3
min: 4.4
θB: 6°
PSD GSE X-Z 03/05/02 06:25:0.000
max: 11.7
min: 5.5
θB: 5°
PSD GSE X-Z 03/05/02 06:25:30.00
max: 11.6
min: 4.7
θB: 3°
PSD GSE X-Z 03/05/02 06:26:0.000
max: 11.7
min: 5.8
θB: 5°
PSD GSE X-Z 03/05/02 06:26:30.00
max: 12.5
min: 5.3
θB: 4°
PSD GSE X-Z 03/05/02 06:27:0.000
max: 12.3
min: 5.3
θB: 3°
PSD GSE X-Z 03/05/02 06:27:30.00
max: 12.0
min: 4.8
θB: 2°
PSD GSE X-Z 03/05/02 06:28:0.000
max: 12.1
min: 4.1
θB: 3°
Vx (km/s)
Vz (km/s)

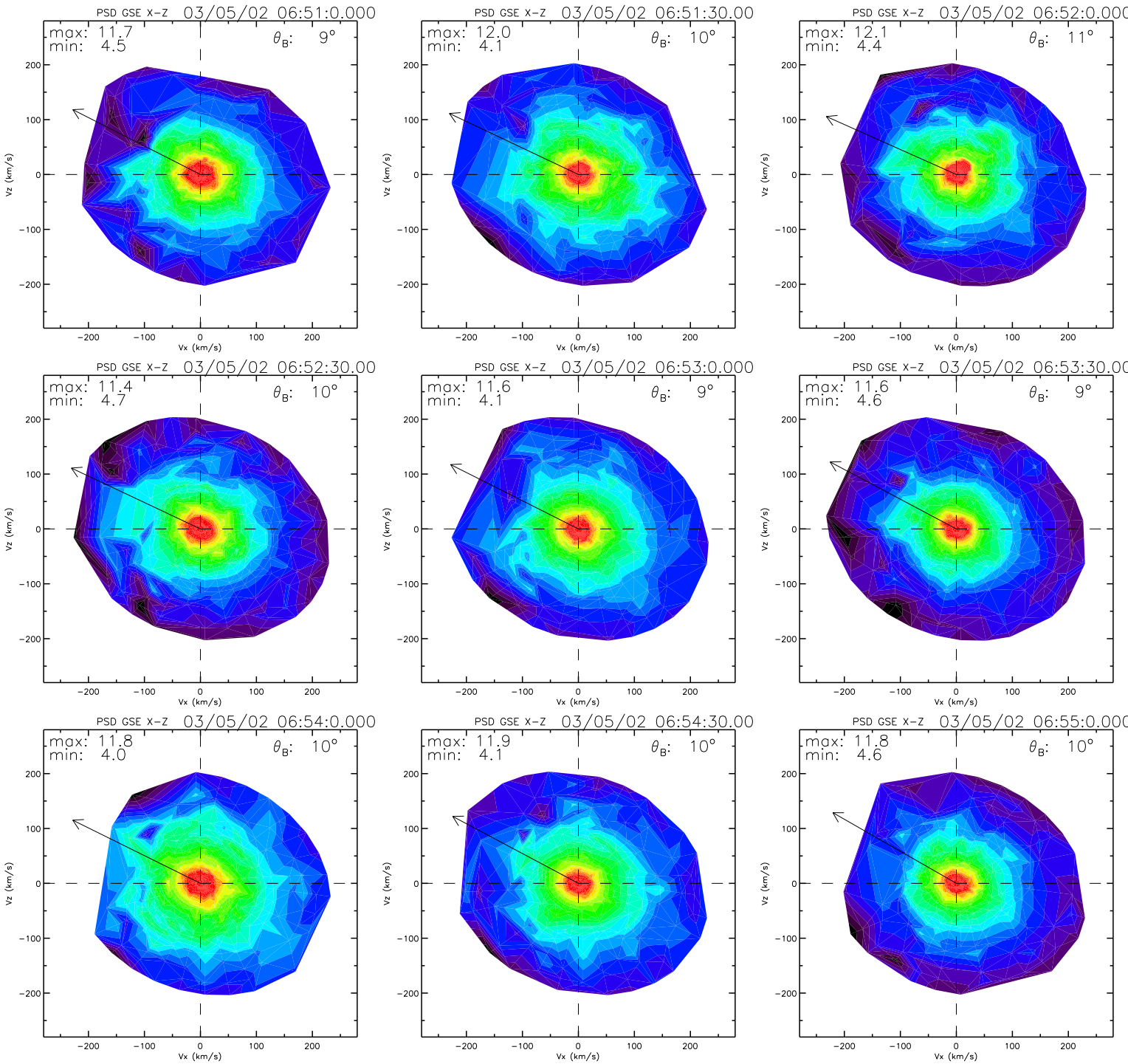

PSD GSE X-Z 03/05/02 06:28:30.00
max: 11.8
min: 4.1
θB: 4°
PSD GSE X-Z 03/05/02 06:29:0.000
max: 11.9
min: 4.4
θB: 3°
PSD GSE X-Z 03/05/02 06:29:30.00
max: 11.9
min: 4.6
θB: 1°
PSD GSE X-Z 03/05/02 06:30:0.000
max: 11.6
min: 4.5
θB: 5°
PSD GSE X-Z 03/05/02 06:30:30.00
max: 11.6
min: 4.8
θB: 3°
PSD GSE X-Z 03/05/02 06:31:0.000
max: 11.6
min: 4.7
θB: 5°
PSD GSE X-Z 03/05/02 06:31:30.00
max: 11.6
min: 4.8
θB: 2°
PSD GSE X-Z 03/05/02 06:32:0.000
max: 11.6
min: 4.0
θB: 4°
PSD GSE X-Z 03/05/02 06:32:30.00
max: 12.0
min: 4.5
θB: 4°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200

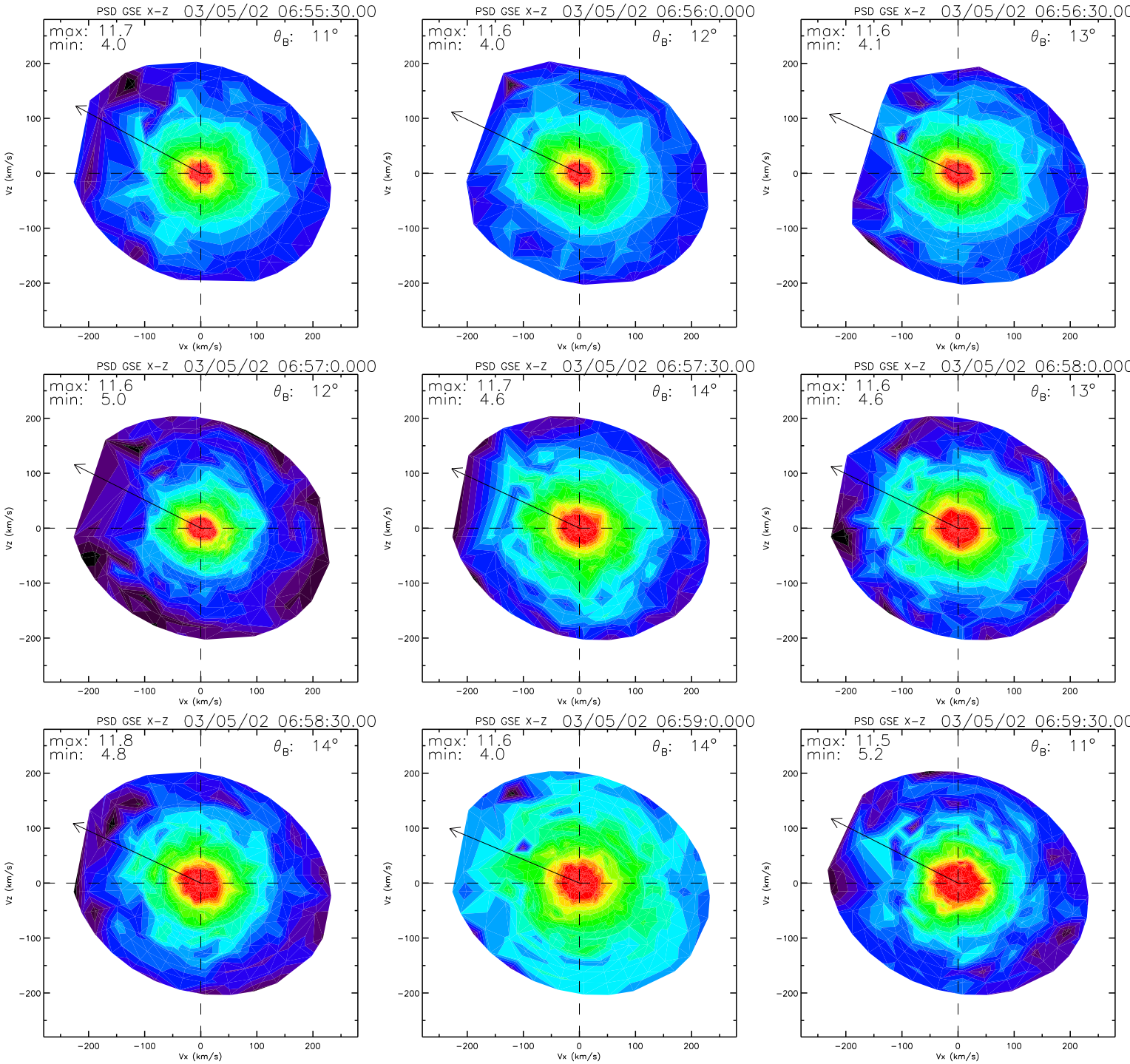

PSD GSE X-Z 03/05/02 06:33:0.000
max: 11.4
min: 4.4
θB: 7°
PSD GSE X-Z 03/05/02 06:33:30.00
max: 11.7
min: 4.0
θB: 5°
PSD GSE X-Z 03/05/02 06:34:0.000
max: 11.8
min: 4.7
θB: 5°
PSD GSE X-Z 03/05/02 06:34:30.00
max: 11.7
min: 4.0
θB: 7°
PSD GSE X-Z 03/05/02 06:35:0.000
max: 12.2
min: 4.6
θB: 9°
PSD GSE X-Z 03/05/02 06:35:30.00
max: 11.9
min: 4.4
θB: 6°
PSD GSE X-Z 03/05/02 06:36:0.000
max: 12.1
min: 4.0
θB: 6°
PSD GSE X-Z 03/05/02 06:36:30.00
max: 12.5
min: 4.0
θB: 5°
PSD GSE X-Z 03/05/02 06:37:0.000
max: 12.2
min: 4.6
θB: 4°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200

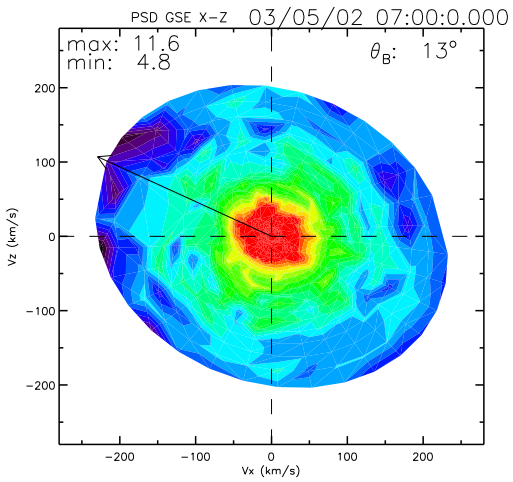

PSD GSE X-Z 03/05/02 06:37:30.00
max: 12.3
min: 4.6
θB: 6°
PSD GSE X-Z 03/05/02 06:38:0.000
max: 12.2
min: 4.7
θB: 7°
PSD GSE X-Z 03/05/02 06:38:30.00
max: 12.4
min: 4.4
θB: 6°
PSD GSE X-Z 03/05/02 06:39:0.000
max: 12.1
min: 4.4
θB: 8°
PSD GSE X-Z 03/05/02 06:39:30.00
max: 12.0
min: 4.5
θB: 7°
PSD GSE X-Z 03/05/02 06:40:0.000
max: 12.7
min: 4.7
θB: 8°
PSD GSE X-Z 03/05/02 06:40:30.00
max: 11.8
min: 4.0
θB: 8°
PSD GSE X-Z 03/05/02 06:41:0.000
max: 11.8
min: 4.4
θB: 10°
PSD GSE X-Z 03/05/02 06:41:30.00
max: 11.6
min: 4.1
θB: 10°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 03/05/02 06:42:0.000
max: 11.6
min: 4.5
θB: 10°
PSD GSE X-Z 03/05/02 06:42:30.00
max: 11.8
min: 4.1
θB: 9°
PSD GSE X-Z 03/05/02 06:43:0.000
max: 11.6
min: 4.1
θB: 9°
PSD GSE X-Z 03/05/02 06:43:30.00
max: 11.6
min: 4.0
θB: 10°
PSD GSE X-Z 03/05/02 06:44:0.000
max: 11.6
min: 4.6
θB: 9°
PSD GSE X-Z 03/05/02 06:44:30.00
max: 11.4
min: 4.1
θB: 10°
PSD GSE X-Z 03/05/02 06:45:0.000
max: 11.6
min: 4.8
θB: 10°
PSD GSE X-Z 03/05/02 06:45:30.00
max: 12.1
min: 4.5
θB: 11°
PSD GSE X-Z 03/05/02 06:46:0.000
max: 12.2
min: 4.1
θB: 10°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 03/05/02 06:46:30.00
max: 12.1
min: 4.1
θB: 10°
PSD GSE X-Z 03/05/02 06:47:0.000
max: 12.0
min: 4.1
θB: 8°
PSD GSE X-Z 03/05/02 06:47:30.00
max: 12.7
min: 4.4
θB: 9°
PSD GSE X-Z 03/05/02 06:48:0.000
max: 12.3
min: 4.0
θB: 12°
PSD GSE X-Z 03/05/02 06:48:30.00
max: 11.9
min: 4.4
θB: 7°
PSD GSE X-Z 03/05/02 06:49:0.000
max: 11.7
min: 4.4
θB: 8°
PSD GSE X-Z 03/05/02 06:49:30.00
max: 12.2
min: 4.0
θB: 6°
PSD GSE X-Z 03/05/02 06:50:0.000
max: 12.9
min: 4.1
θB: 7°
PSD GSE X-Z 03/05/02 06:50:30.00
max: 12.7
min: 4.6
θB: 9°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 03/05/02 06:51:0.000
max: 11.7
min: 4.5
θB: 9°
PSD GSE X-Z 03/05/02 06:51:30.00
max: 12.0
min: 4.1
θB: 10°
PSD GSE X-Z 03/05/02 06:52:0.000
max: 12.1
min: 4.4
θB: 11°
PSD GSE X-Z 03/05/02 06:52:30.00
max: 11.4
min: 4.7
θB: 10°
PSD GSE X-Z 03/05/02 06:53:0.000
max: 11.6
min: 4.1
θB: 9°
PSD GSE X-Z 03/05/02 06:53:30.00
max: 11.6
min: 4.6
θB: 9°
PSD GSE X-Z 03/05/02 06:54:0.000
max: 11.8
min: 4.0
θB: 10°
PSD GSE X-Z 03/05/02 06:54:30.00
max: 11.9
min: 4.1
θB: 10°
PSD GSE X-Z 03/05/02 06:55:0.000
max: 11.8
min: 4.6
θB: 10°
Vx (km/s)
Vz (km/s)
−200
−100
0
100
200


PSD GSE X-Z 03/05/02 06:55:30.00
max: 11.7
min: 4.0
θB: 11°
PSD GSE X-Z 03/05/02 06:56:0.000
max: 11.6
min: 4.0
θB: 12°
PSD GSE X-Z 03/05/02 06:56:30.00
max: 11.6
min: 4.1
θB: 13°
PSD GSE X-Z 03/05/02 06:57:0.000
max: 11.6
min: 5.0
θB: 12°
PSD GSE X-Z 03/05/02 06:57:30.00
max: 11.7
min: 4.6
θB: 14°
PSD GSE X-Z 03/05/02 06:58:0.000
max: 11.6
min: 4.6
θB: 13°
PSD GSE X-Z 03/05/02 06:58:30.00
max: 11.8
min: 4.8
θB: 14°
PSD GSE X-Z 03/05/02 06:59:0.000
max: 11.6
min: 4.0
θB: 14°
PSD GSE X-Z 03/05/02 06:59:30.00
max: 11.5
min: 5.2
θB: 11°
Vx (km/s)
Vz (km/s)
200
100
0
−100
−200


PSD GSE X-Z 03/05/02 07:00:0.000
max: 11.6
min: 4.8
θ_B: 13°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200
−200
−100
0
100
200