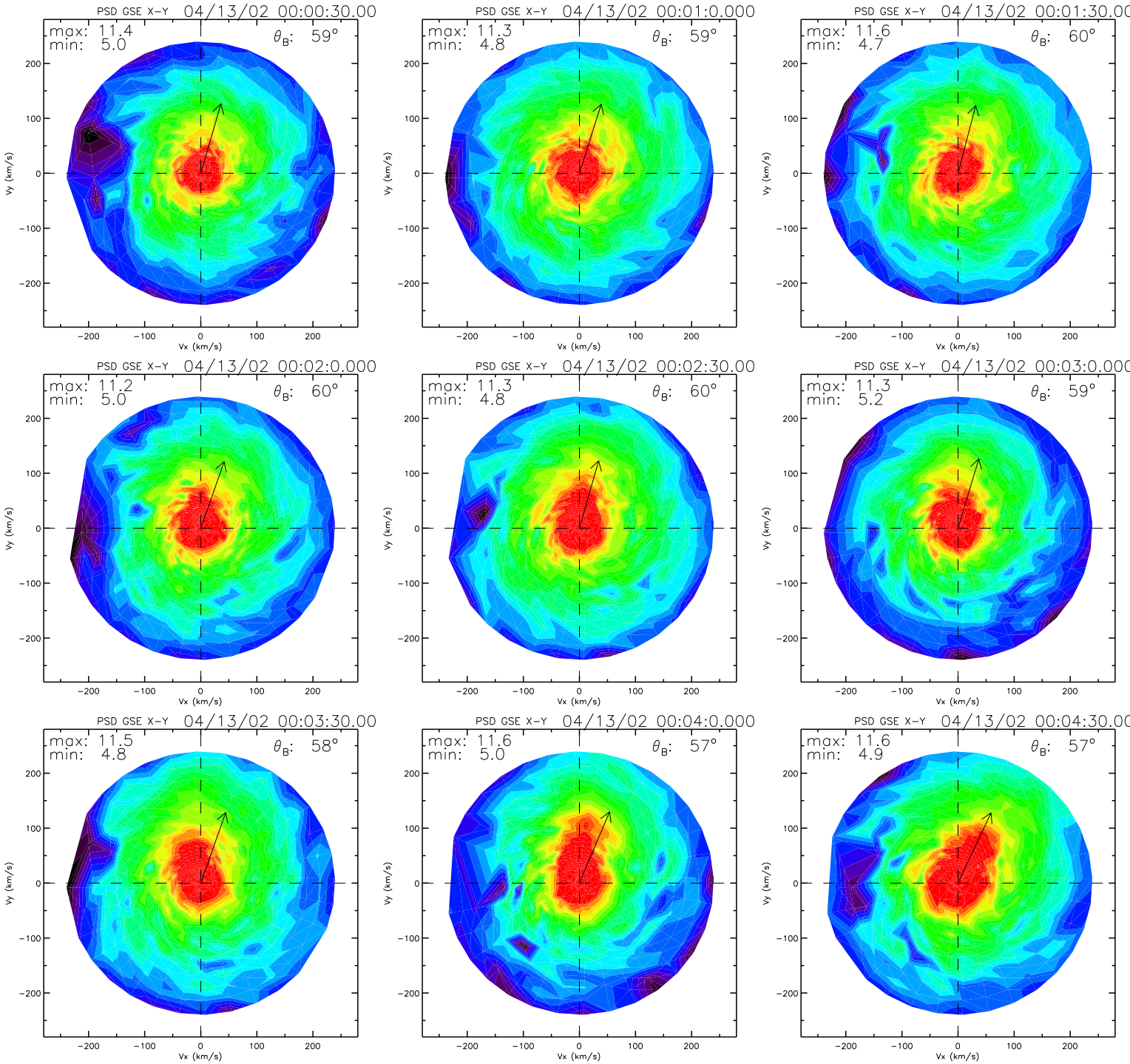
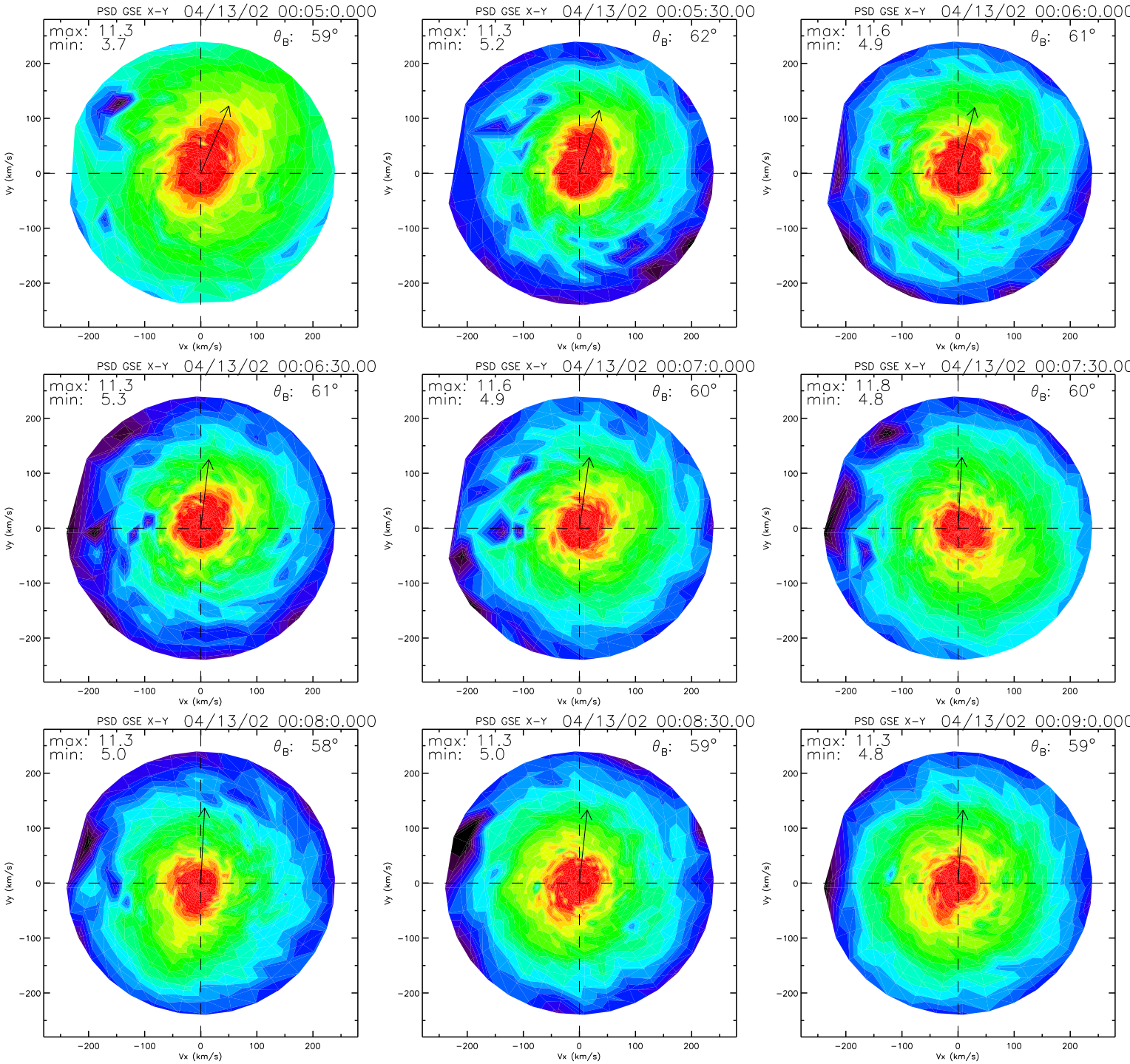
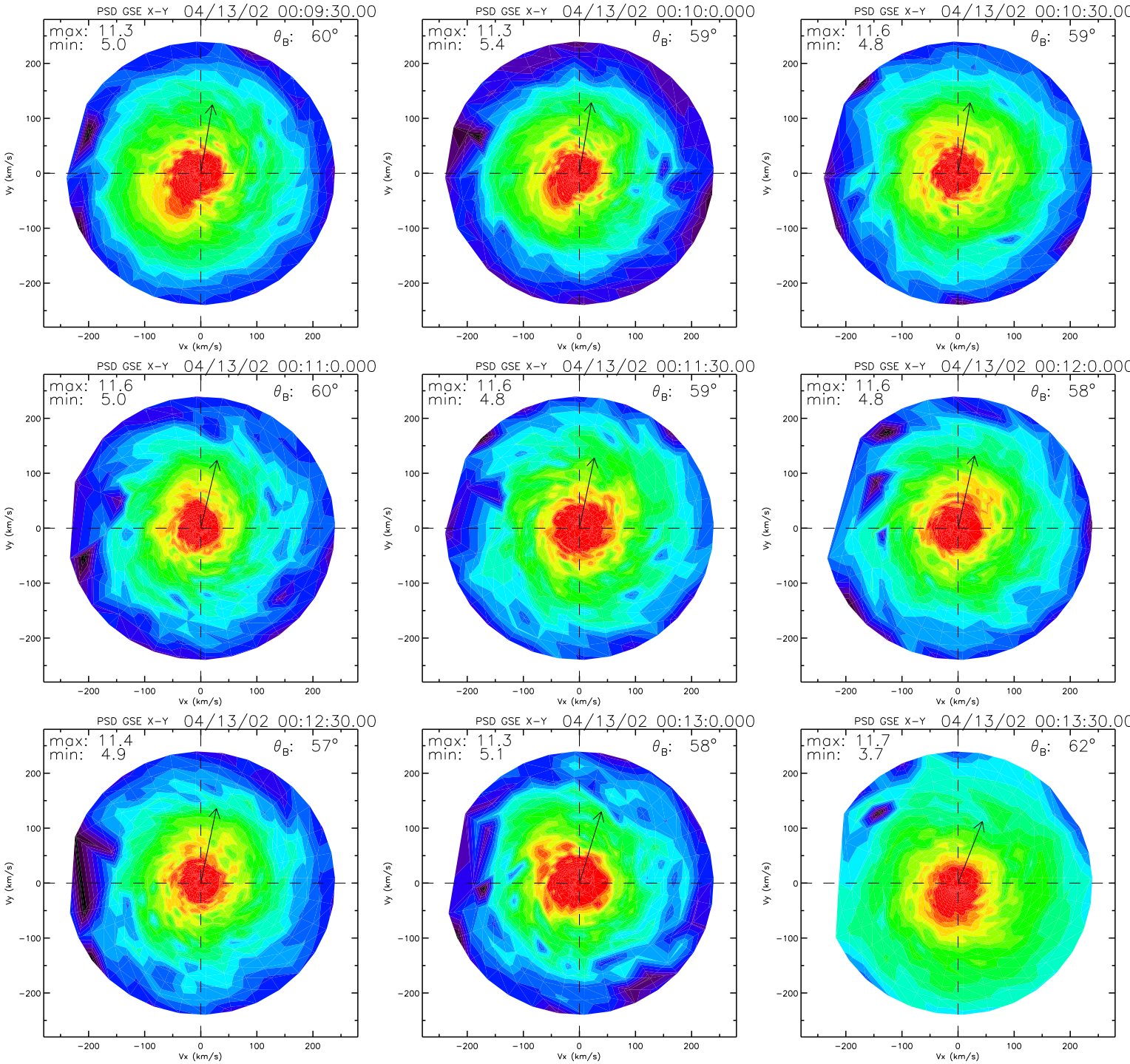
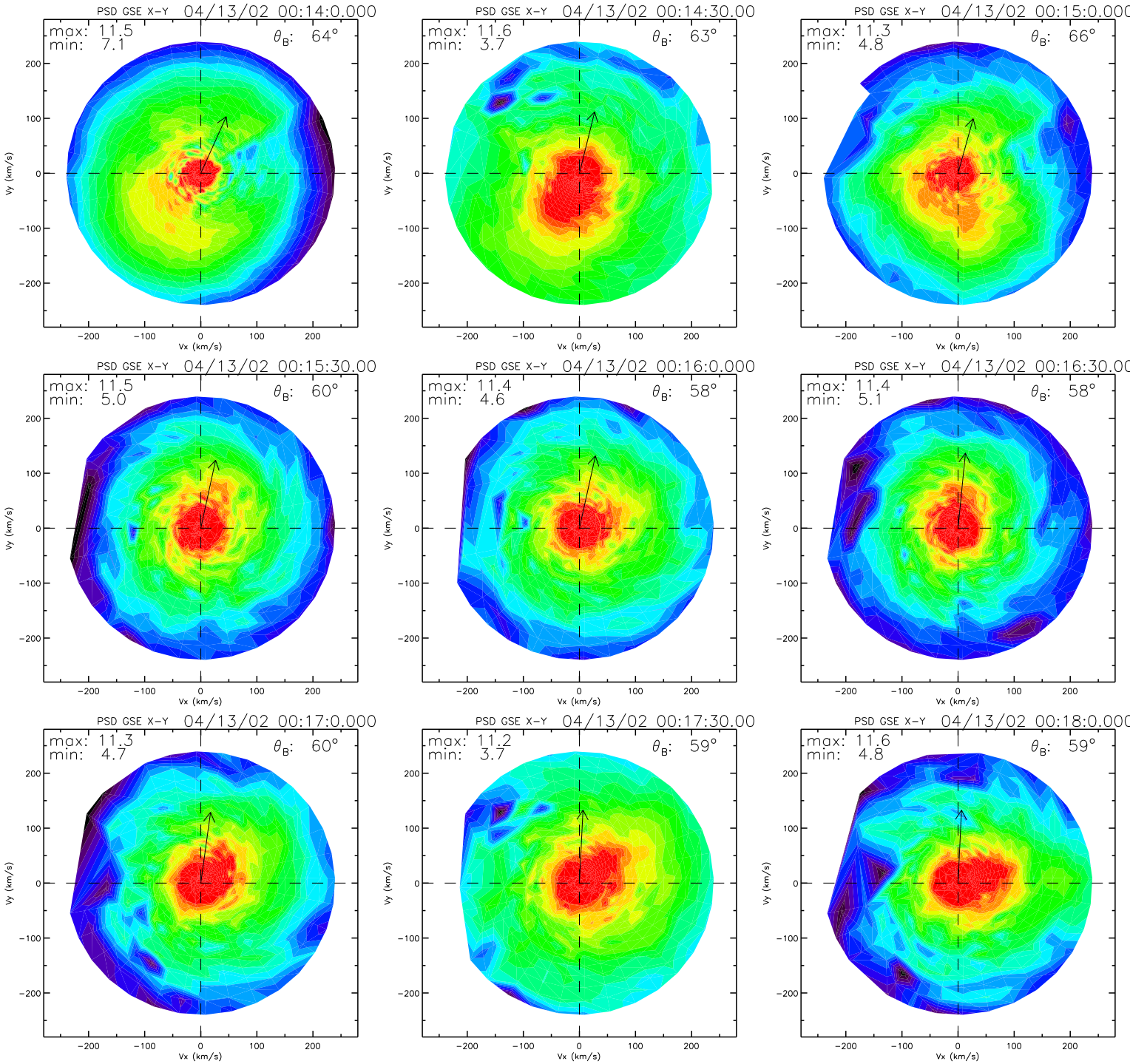
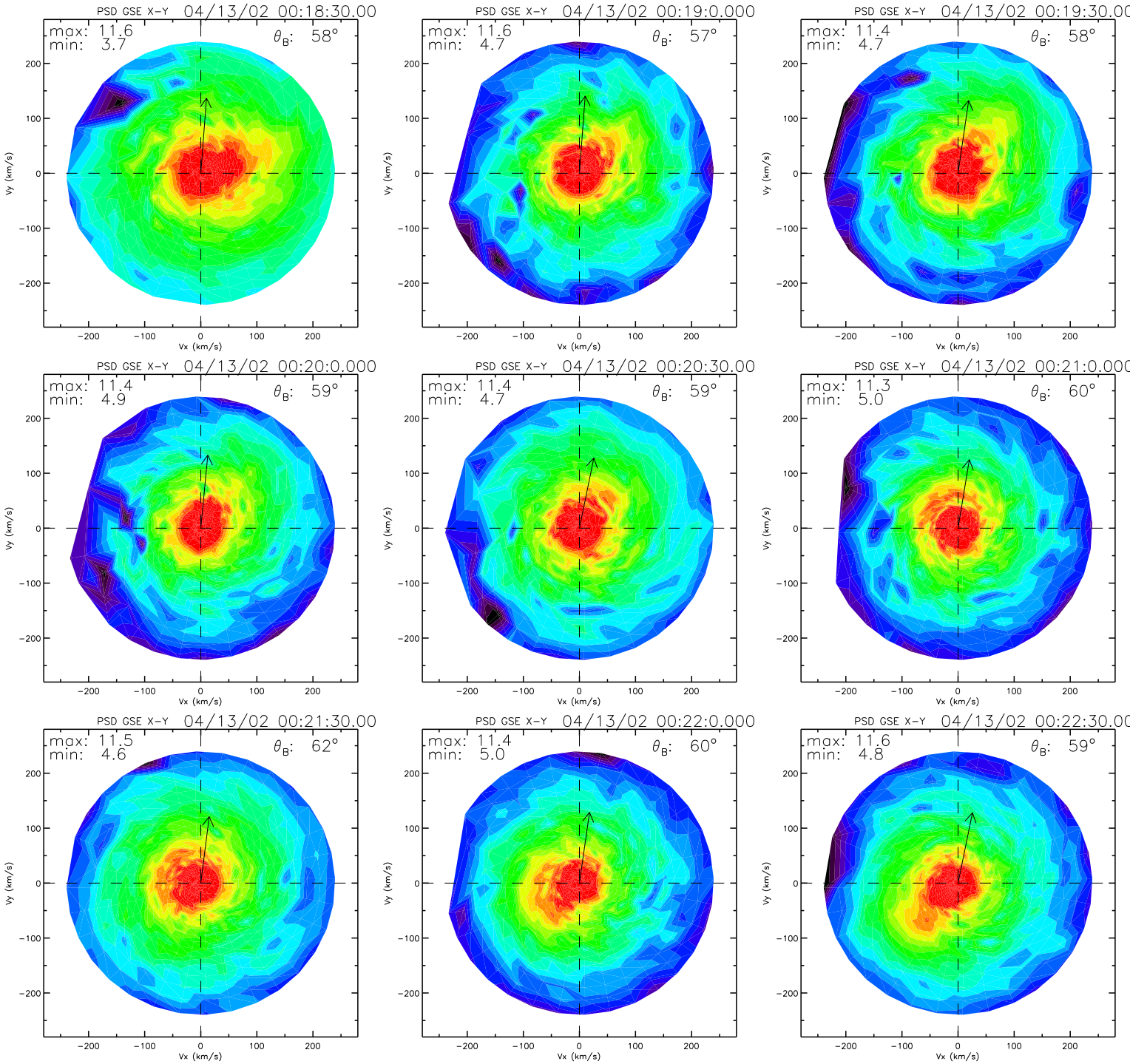
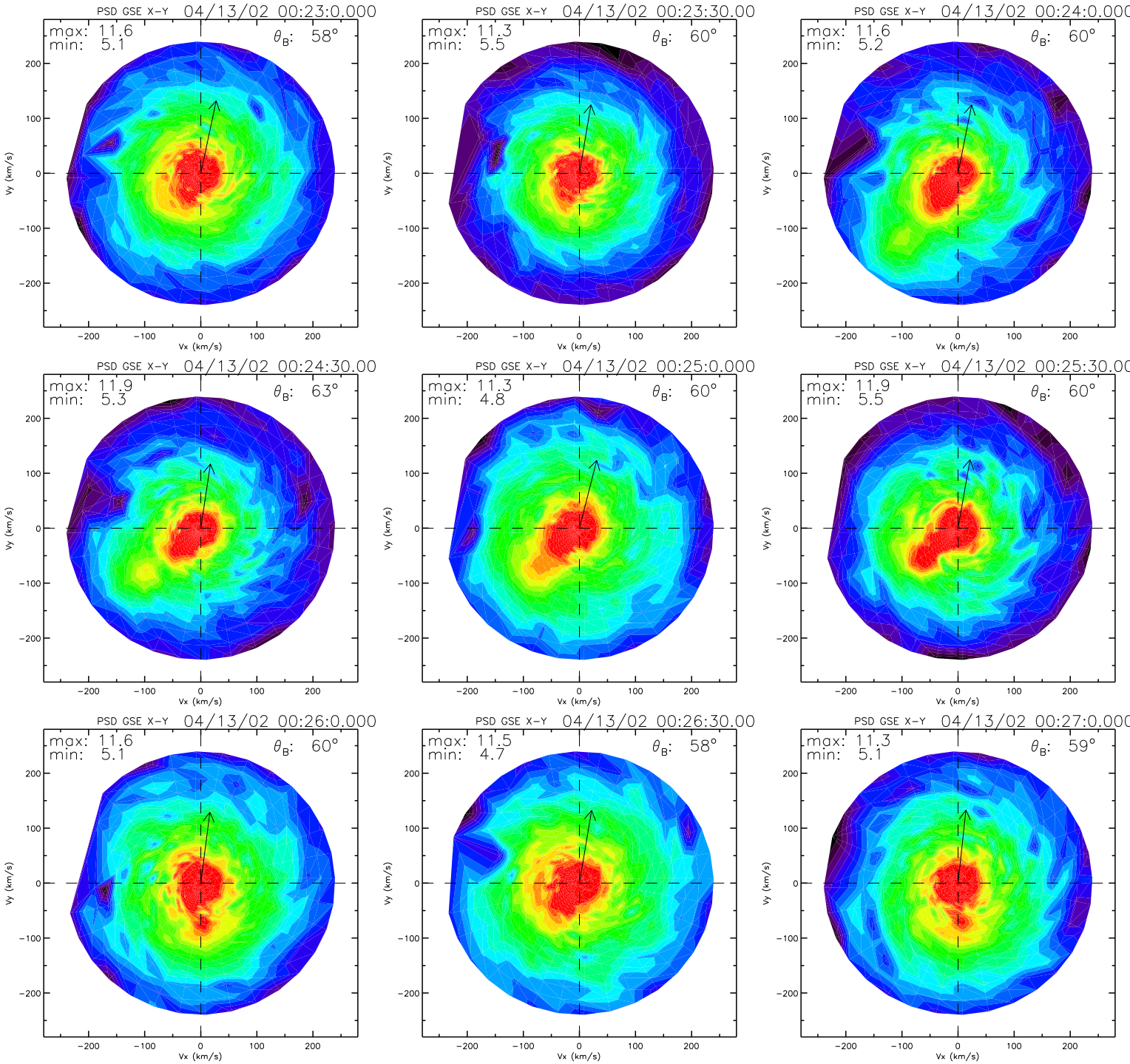

PSD GSE X-Y 04/13/02 00:00:30.00
max: 11.4
min: 5.0
θ_B: 59°
PSD GSE X-Y 04/13/02 00:01:0.000
max: 11.3
min: 4.8
θ_B: 59°
PSD GSE X-Y 04/13/02 00:01:30.00
max: 11.6
min: 4.7
θ_B: 60°
PSD GSE X-Y 04/13/02 00:02:0.000
max: 11.2
min: 5.0
θ_B: 60°
PSD GSE X-Y 04/13/02 00:02:30.00
max: 11.3
min: 4.8
θ_B: 60°
PSD GSE X-Y 04/13/02 00:03:0.000
max: 11.3
min: 5.2
θ_B: 59°
PSD GSE X-Y 04/13/02 00:03:30.00
max: 11.5
min: 4.8
θ_B: 58°
PSD GSE X-Y 04/13/02 00:04:0.000
max: 11.6
min: 5.0
θ_B: 57°
PSD GSE X-Y 04/13/02 00:04:30.00
max: 11.6
min: 4.9
θ_B: 57°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

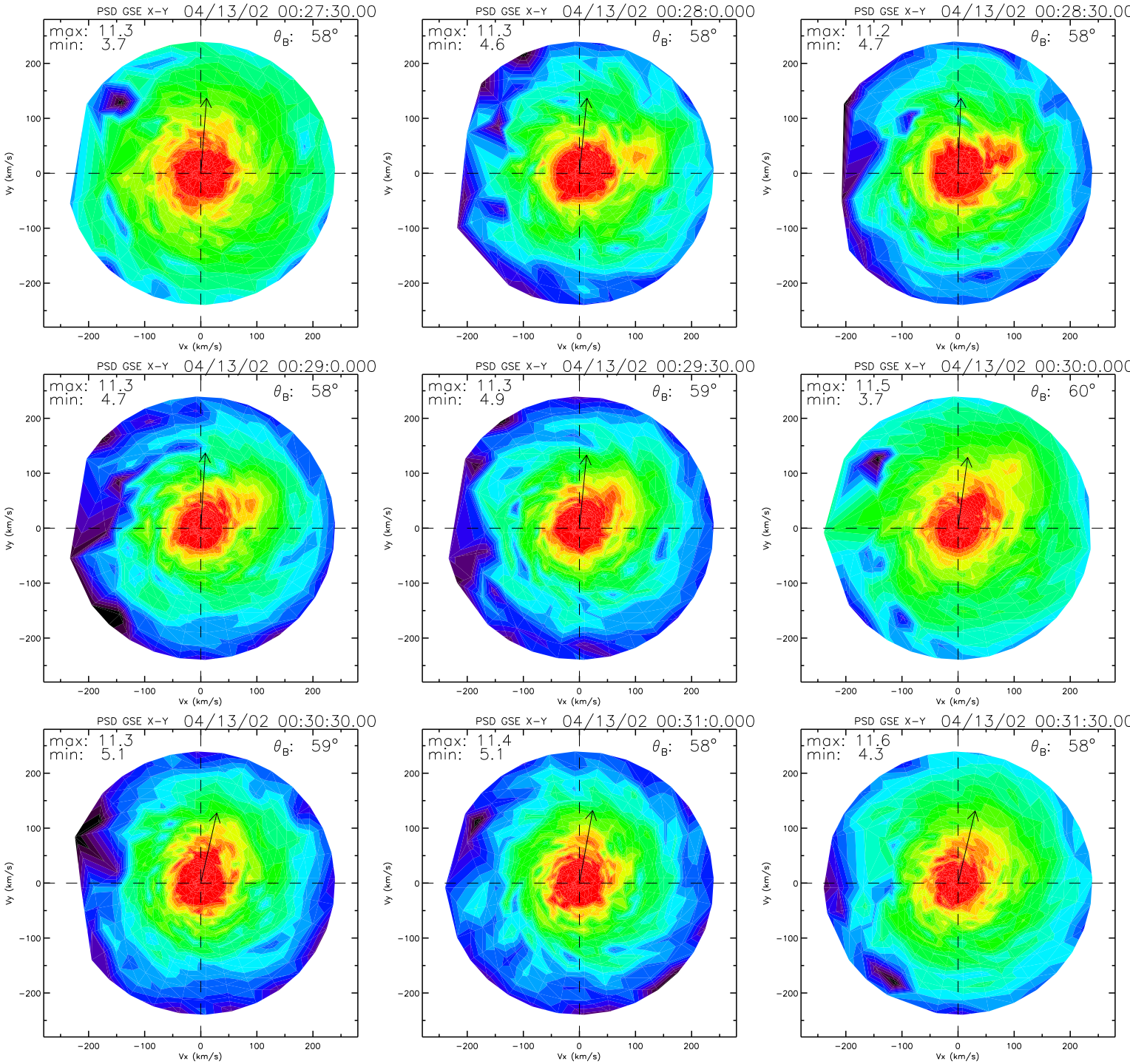

PSD GSE X-Y 04/13/02 00:05:0.000
max: 11.3
min: 3.7
θ_B: 59°
PSD GSE X-Y 04/13/02 00:05:30.00
max: 11.3
min: 5.2
θ_B: 62°
PSD GSE X-Y 04/13/02 00:06:0.000
max: 11.6
min: 4.9
θ_B: 61°
PSD GSE X-Y 04/13/02 00:06:30.00
max: 11.3
min: 5.3
θ_B: 61°
PSD GSE X-Y 04/13/02 00:07:0.000
max: 11.6
min: 4.9
θ_B: 60°
PSD GSE X-Y 04/13/02 00:07:30.00
max: 11.8
min: 4.8
θ_B: 60°
PSD GSE X-Y 04/13/02 00:08:0.000
max: 11.3
min: 5.0
θ_B: 58°
PSD GSE X-Y 04/13/02 00:08:30.00
max: 11.3
min: 5.0
θ_B: 59°
PSD GSE X-Y 04/13/02 00:09:0.000
max: 11.3
min: 4.8
θ_B: 59°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

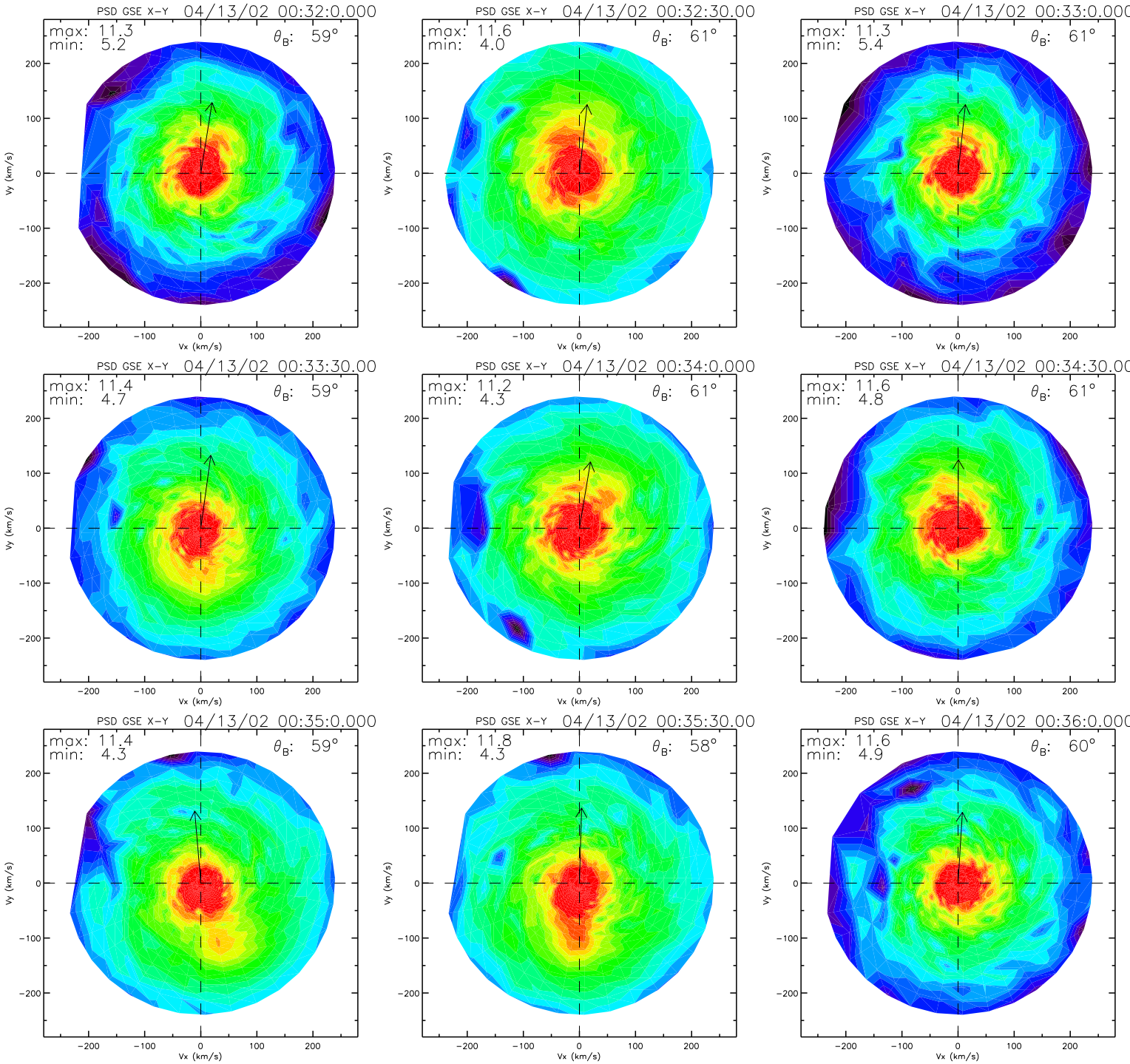

PSD GSE X-Y 04/13/02 00:09:30.00
max: 11.3
min: 5.0
θB: 60°
PSD GSE X-Y 04/13/02 00:10:0.000
max: 11.3
min: 5.4
θB: 59°
PSD GSE X-Y 04/13/02 00:10:30.00
max: 11.6
min: 4.8
θB: 59°
PSD GSE X-Y 04/13/02 00:11:0.000
max: 11.6
min: 5.0
θB: 60°
PSD GSE X-Y 04/13/02 00:11:30.00
max: 11.6
min: 4.8
θB: 59°
PSD GSE X-Y 04/13/02 00:12:0.000
max: 11.6
min: 4.8
θB: 58°
PSD GSE X-Y 04/13/02 00:12:30.00
max: 11.4
min: 4.9
θB: 57°
PSD GSE X-Y 04/13/02 00:13:0.000
max: 11.3
min: 5.1
θB: 58°
PSD GSE X-Y 04/13/02 00:13:30.00
max: 11.7
min: 3.7
θB: 62°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

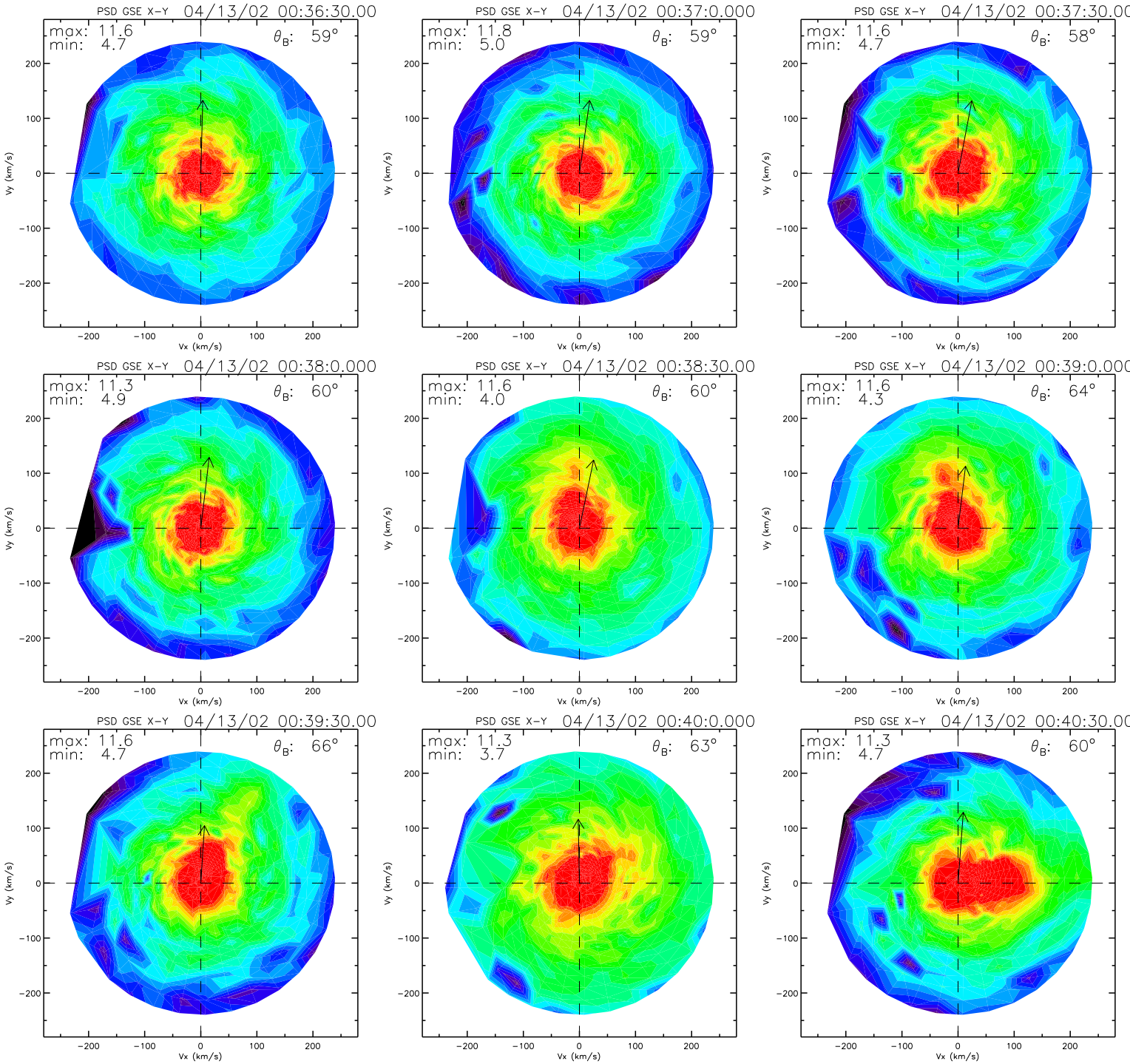

PSD GSE X-Y 04/13/02 00:14:0.000
max: 11.5
min: 7.1
θB: 64°
PSD GSE X-Y 04/13/02 00:14:30.00
max: 11.6
min: 3.7
θB: 63°
PSD GSE X-Y 04/13/02 00:15:0.000
max: 11.3
min: 4.8
θB: 66°
PSD GSE X-Y 04/13/02 00:15:30.00
max: 11.5
min: 5.0
θB: 60°
PSD GSE X-Y 04/13/02 00:16:0.000
max: 11.4
min: 4.6
θB: 58°
PSD GSE X-Y 04/13/02 00:16:30.00
max: 11.4
min: 5.1
θB: 58°
PSD GSE X-Y 04/13/02 00:17:0.000
max: 11.3
min: 4.7
θB: 60°
PSD GSE X-Y 04/13/02 00:17:30.00
max: 11.2
min: 3.7
θB: 59°
PSD GSE X-Y 04/13/02 00:18:0.000
max: 11.6
min: 4.8
θB: 59°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

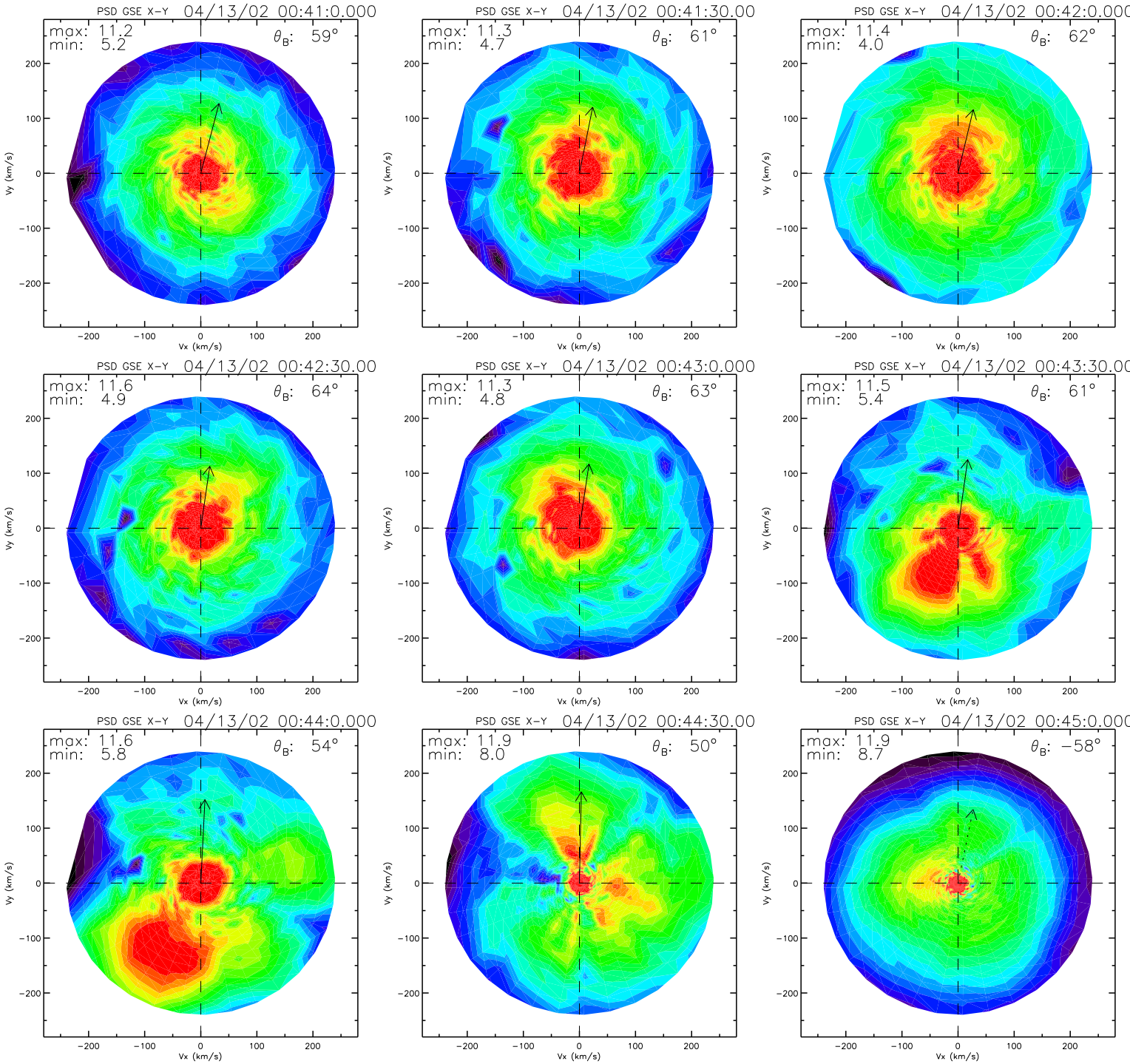

PSD GSE X-Y 04/13/02 00:18:30.00
max: 11.6
min: 3.7
θB: 58°
PSD GSE X-Y 04/13/02 00:19:0.000
max: 11.6
min: 4.7
θB: 57°
PSD GSE X-Y 04/13/02 00:19:30.00
max: 11.4
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 00:20:0.000
max: 11.4
min: 4.9
θB: 59°
PSD GSE X-Y 04/13/02 00:20:30.00
max: 11.4
min: 4.7
θB: 59°
PSD GSE X-Y 04/13/02 00:21:0.000
max: 11.3
min: 5.0
θB: 60°
PSD GSE X-Y 04/13/02 00:21:30.00
max: 11.5
min: 4.6
θB: 62°
PSD GSE X-Y 04/13/02 00:22:0.000
max: 11.4
min: 5.0
θB: 60°
PSD GSE X-Y 04/13/02 00:22:30.00
max: 11.6
min: 4.8
θB: 59°
Vx (km/s)
Vy (km/s)
-200
-100
0
100
200

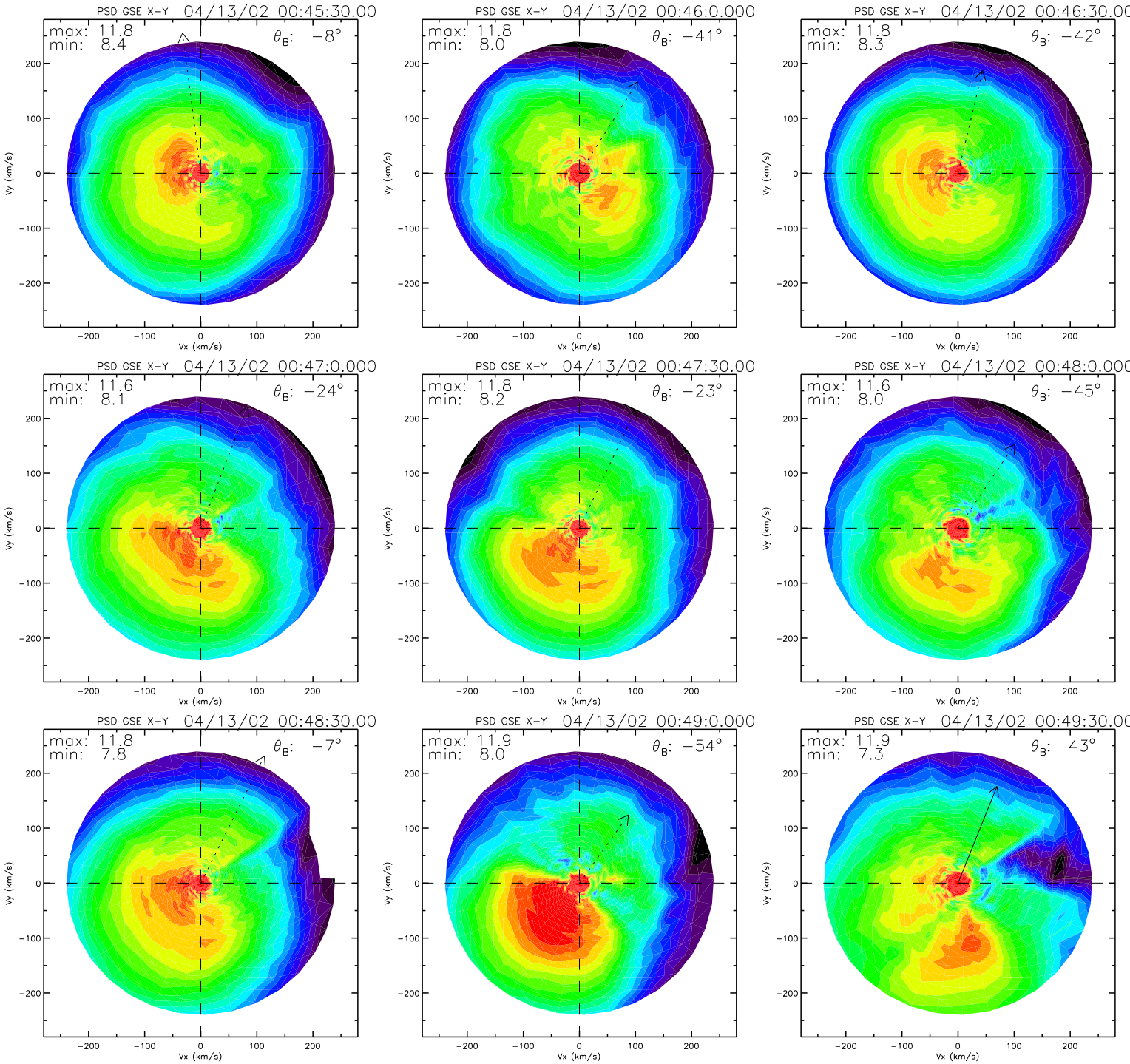

PSD GSE X-Y 04/13/02 00:23:0.000
max: 11.6
min: 5.1
θB: 58°
PSD GSE X-Y 04/13/02 00:23:30.00
max: 11.3
min: 5.5
θB: 60°
PSD GSE X-Y 04/13/02 00:24:0.000
max: 11.6
min: 5.2
θB: 60°
PSD GSE X-Y 04/13/02 00:24:30.00
max: 11.9
min: 5.3
θB: 63°
PSD GSE X-Y 04/13/02 00:25:0.000
max: 11.3
min: 4.8
θB: 60°
PSD GSE X-Y 04/13/02 00:25:30.00
max: 11.9
min: 5.5
θB: 60°
PSD GSE X-Y 04/13/02 00:26:0.000
max: 11.6
min: 5.1
θB: 60°
PSD GSE X-Y 04/13/02 00:26:30.00
max: 11.5
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 00:27:0.000
max: 11.3
min: 5.1
θB: 59°
Vx (km/s)
Vy (km/s)
-200
-100
0
100
200

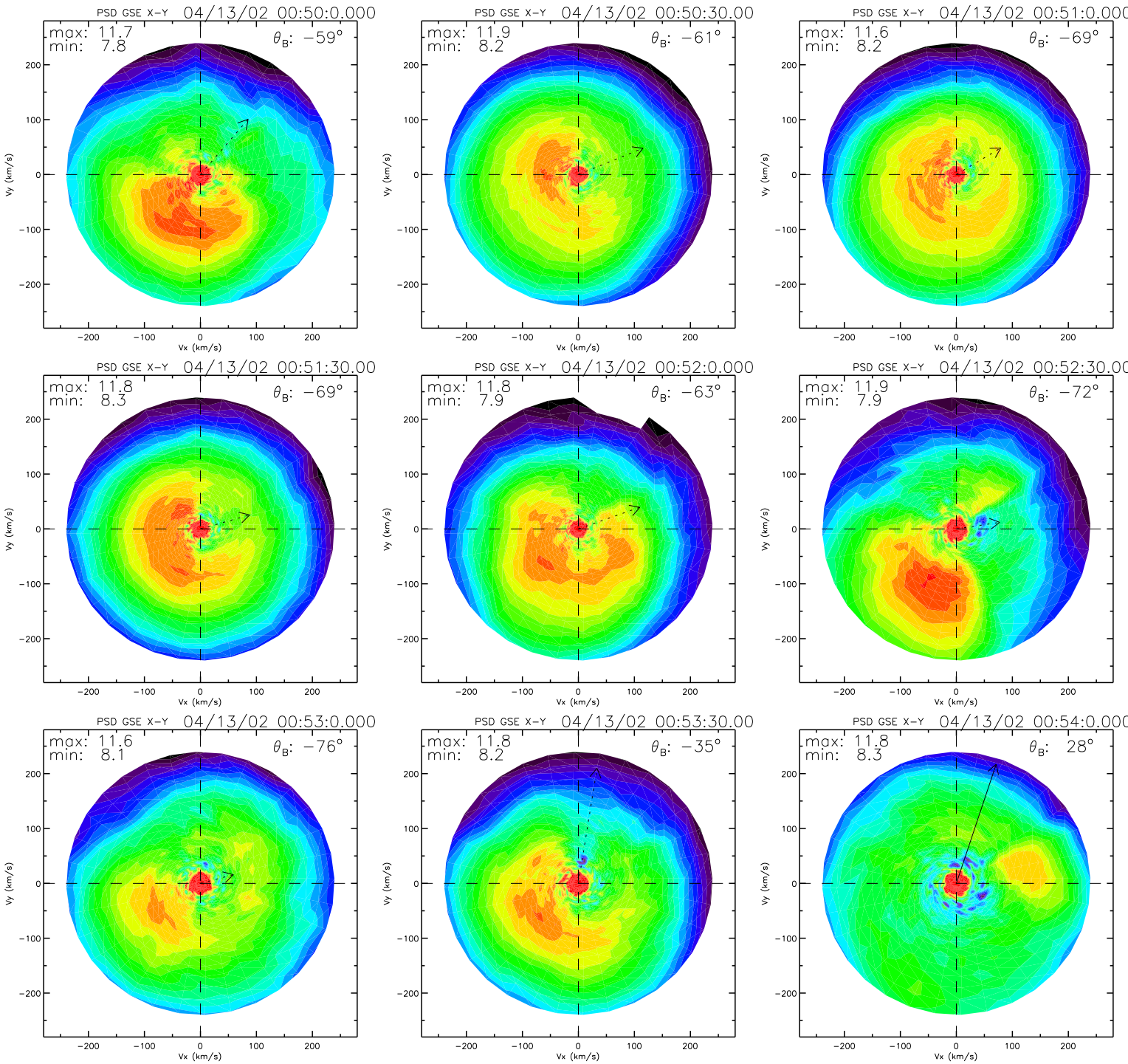

PSD GSE X-Y 04/13/02 00:27:30.00
max: 11.3
min: 3.7
θB: 58°
PSD GSE X-Y 04/13/02 00:28:0.000
max: 11.3
min: 4.6
θB: 58°
PSD GSE X-Y 04/13/02 00:28:30.00
max: 11.2
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 00:29:0.000
max: 11.3
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 00:29:30.00
max: 11.3
min: 4.9
θB: 59°
PSD GSE X-Y 04/13/02 00:30:0.000
max: 11.5
min: 3.7
θB: 60°
PSD GSE X-Y 04/13/02 00:30:30.00
max: 11.3
min: 5.1
θB: 59°
PSD GSE X-Y 04/13/02 00:31:0.000
max: 11.4
min: 5.1
θB: 58°
PSD GSE X-Y 04/13/02 00:31:30.00
max: 11.6
min: 4.3
θB: 58°
Vx (km/s)
Vy (km/s)
-200
-100
0
100
200

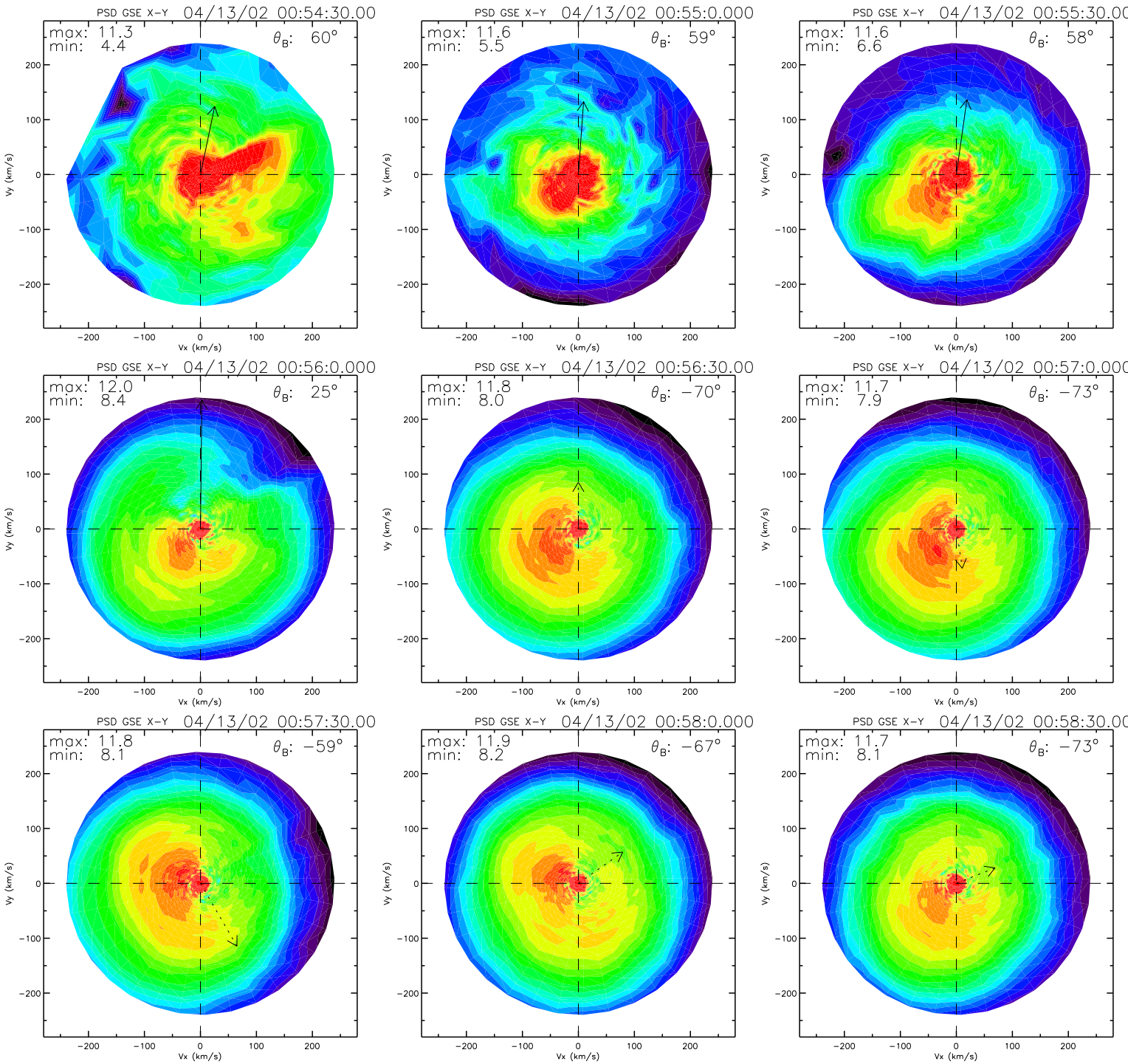

PSD GSE X-Y 04/13/02 00:32:0.000
max: 11.3
min: 5.2
θB: 59°
PSD GSE X-Y 04/13/02 00:32:30.00
max: 11.6
min: 4.0
θB: 61°
PSD GSE X-Y 04/13/02 00:33:0.000
max: 11.3
min: 5.4
θB: 61°
PSD GSE X-Y 04/13/02 00:33:30.00
max: 11.4
min: 4.7
θB: 59°
PSD GSE X-Y 04/13/02 00:34:0.000
max: 11.2
min: 4.3
θB: 61°
PSD GSE X-Y 04/13/02 00:34:30.00
max: 11.6
min: 4.8
θB: 61°
PSD GSE X-Y 04/13/02 00:35:0.000
max: 11.4
min: 4.3
θB: 59°
PSD GSE X-Y 04/13/02 00:35:30.00
max: 11.8
min: 4.3
θB: 58°
PSD GSE X-Y 04/13/02 00:36:0.000
max: 11.6
min: 4.9
θB: 60°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

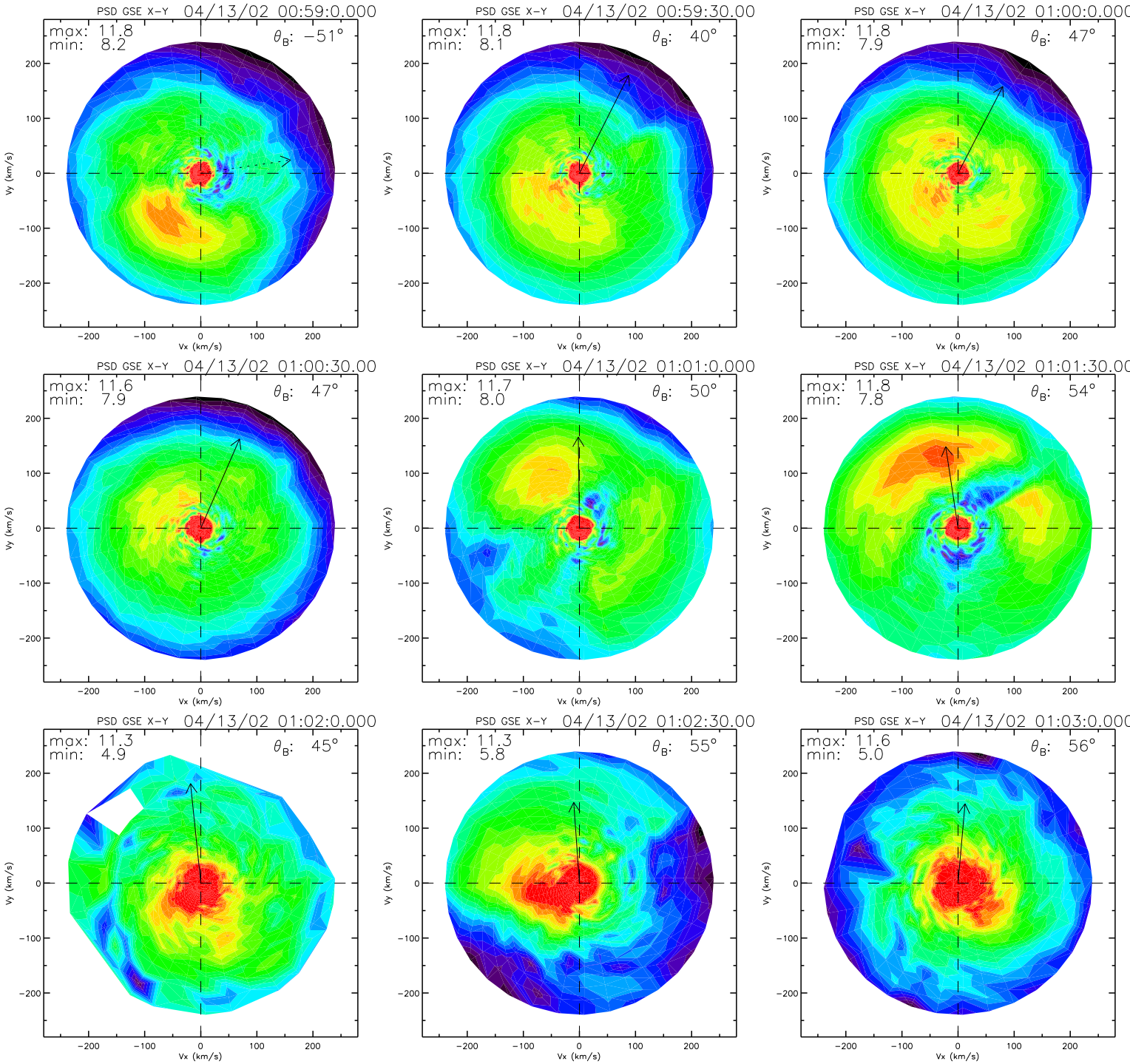

PSD GSE X-Y 04/13/02 00:36:30.00
max: 11.6
min: 4.7
θB: 59°
PSD GSE X-Y 04/13/02 00:37:0.000
max: 11.8
min: 5.0
θB: 59°
PSD GSE X-Y 04/13/02 00:37:30.00
max: 11.6
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 00:38:0.000
max: 11.3
min: 4.9
θB: 60°
PSD GSE X-Y 04/13/02 00:38:30.00
max: 11.6
min: 4.0
θB: 60°
PSD GSE X-Y 04/13/02 00:39:0.000
max: 11.6
min: 4.3
θB: 64°
PSD GSE X-Y 04/13/02 00:39:30.00
max: 11.6
min: 4.7
θB: 66°
PSD GSE X-Y 04/13/02 00:40:0.000
max: 11.3
min: 3.7
θB: 63°
PSD GSE X-Y 04/13/02 00:40:30.00
max: 11.3
min: 4.7
θB: 60°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

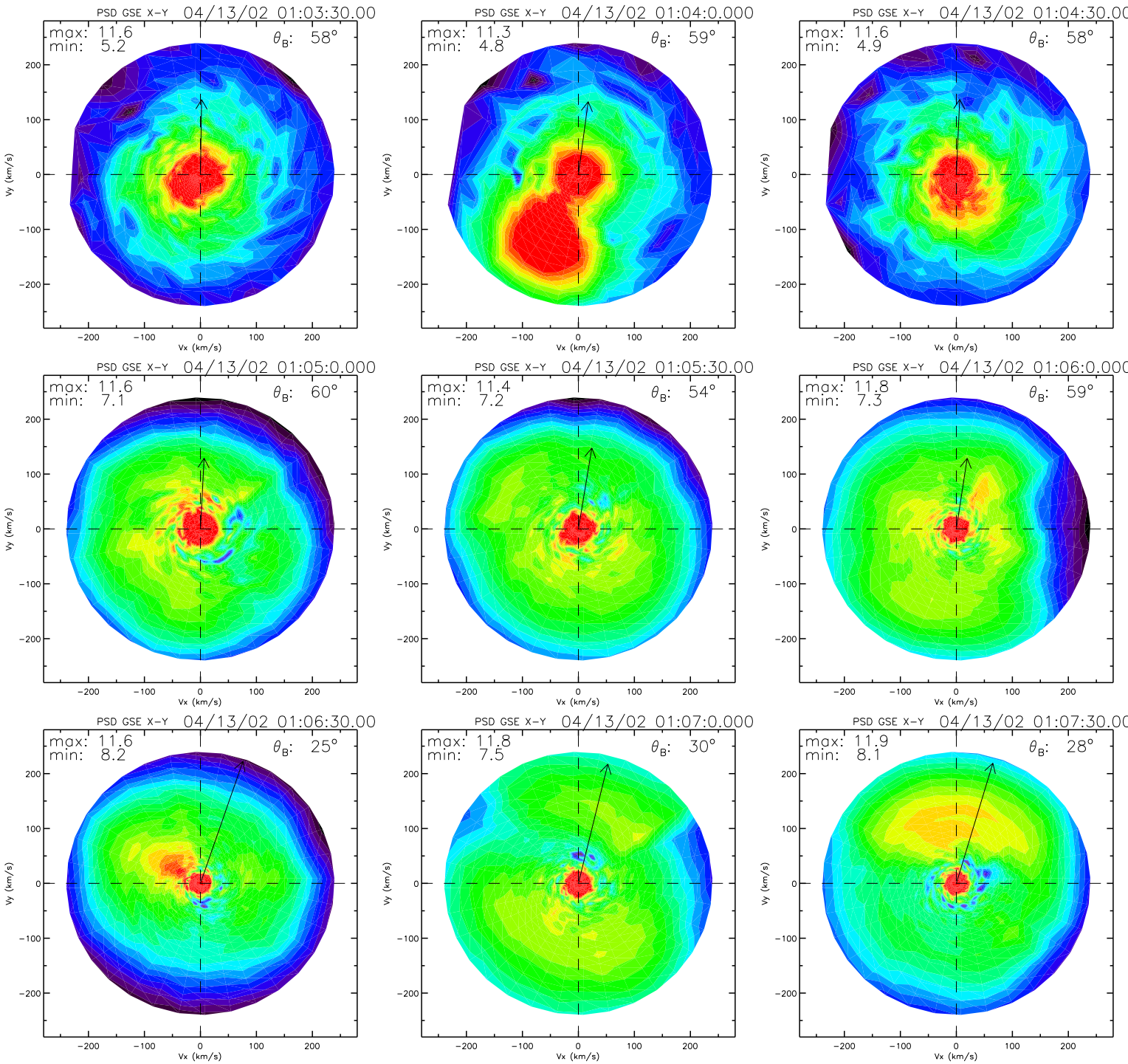

PSD GSE X-Y 04/13/02 00:41:0.000
max: 11.2
min: 5.2
θB: 59°
PSD GSE X-Y 04/13/02 00:41:30.00
max: 11.3
min: 4.7
θB: 61°
PSD GSE X-Y 04/13/02 00:42:0.000
max: 11.4
min: 4.0
θB: 62°
PSD GSE X-Y 04/13/02 00:42:30.00
max: 11.6
min: 4.9
θB: 64°
PSD GSE X-Y 04/13/02 00:43:0.000
max: 11.3
min: 4.8
θB: 63°
PSD GSE X-Y 04/13/02 00:43:30.00
max: 11.5
min: 5.4
θB: 61°
PSD GSE X-Y 04/13/02 00:44:0.000
max: 11.6
min: 5.8
θB: 54°
PSD GSE X-Y 04/13/02 00:44:30.00
max: 11.9
min: 8.0
θB: 50°
PSD GSE X-Y 04/13/02 00:45:0.000
max: 11.9
min: 8.7
θB: −58°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

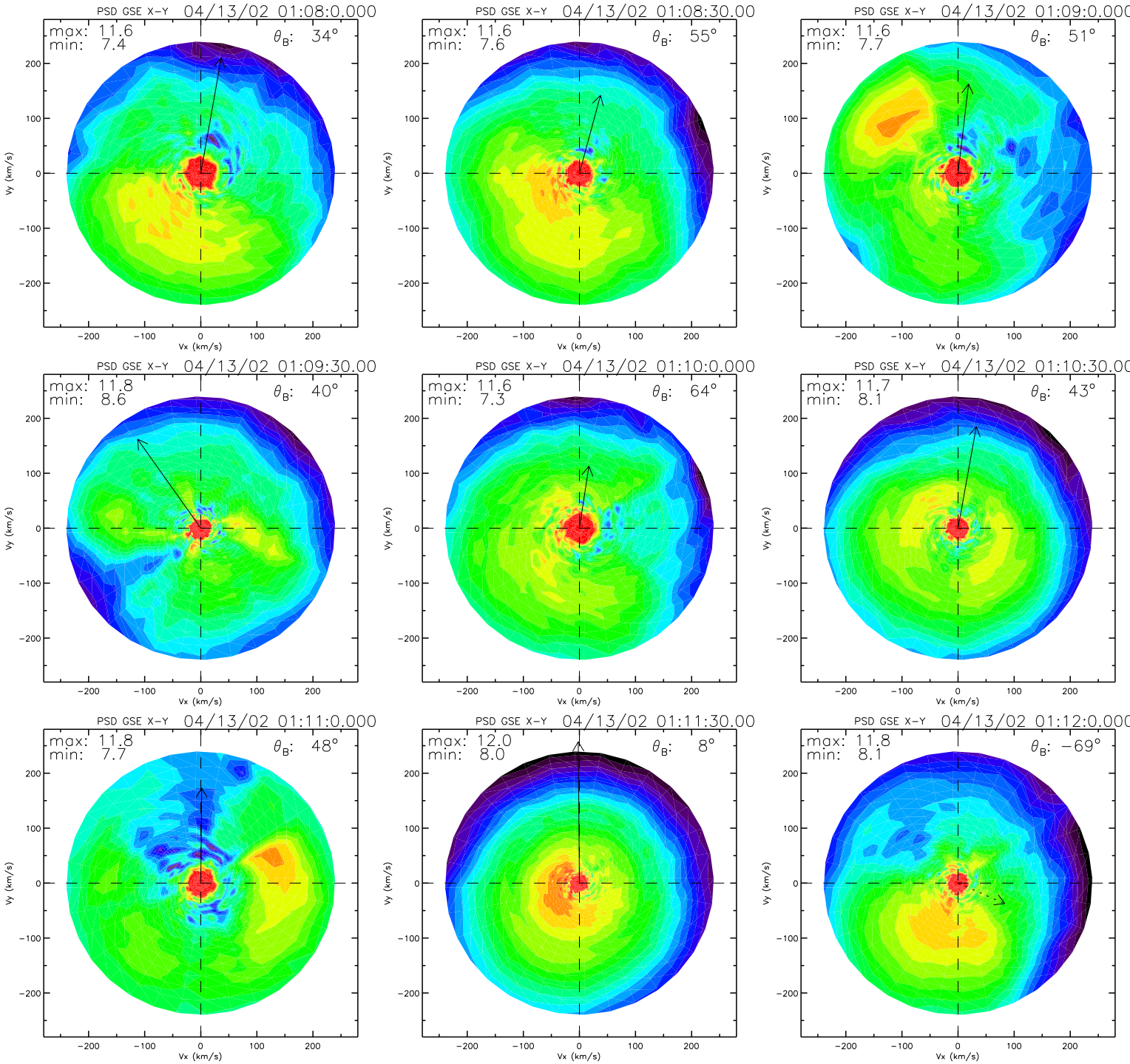

PSD GSE X-Y 04/13/02 00:45:30.00
max: 11.8
min: 8.4
θ_B: −8°
PSD GSE X-Y 04/13/02 00:46:0.000
max: 11.8
min: 8.0
θ_B: −41°
PSD GSE X-Y 04/13/02 00:46:30.00
max: 11.8
min: 8.3
θ_B: −42°
PSD GSE X-Y 04/13/02 00:47:0.000
max: 11.6
min: 8.1
θ_B: −24°
PSD GSE X-Y 04/13/02 00:47:30.00
max: 11.8
min: 8.2
θ_B: −23°
PSD GSE X-Y 04/13/02 00:48:0.000
max: 11.6
min: 8.0
θ_B: −45°
PSD GSE X-Y 04/13/02 00:48:30.00
max: 11.8
min: 7.8
θ_B: −7°
PSD GSE X-Y 04/13/02 00:49:0.000
max: 11.9
min: 8.0
θ_B: −54°
PSD GSE X-Y 04/13/02 00:49:30.00
max: 11.9
min: 7.3
θ_B: 43°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

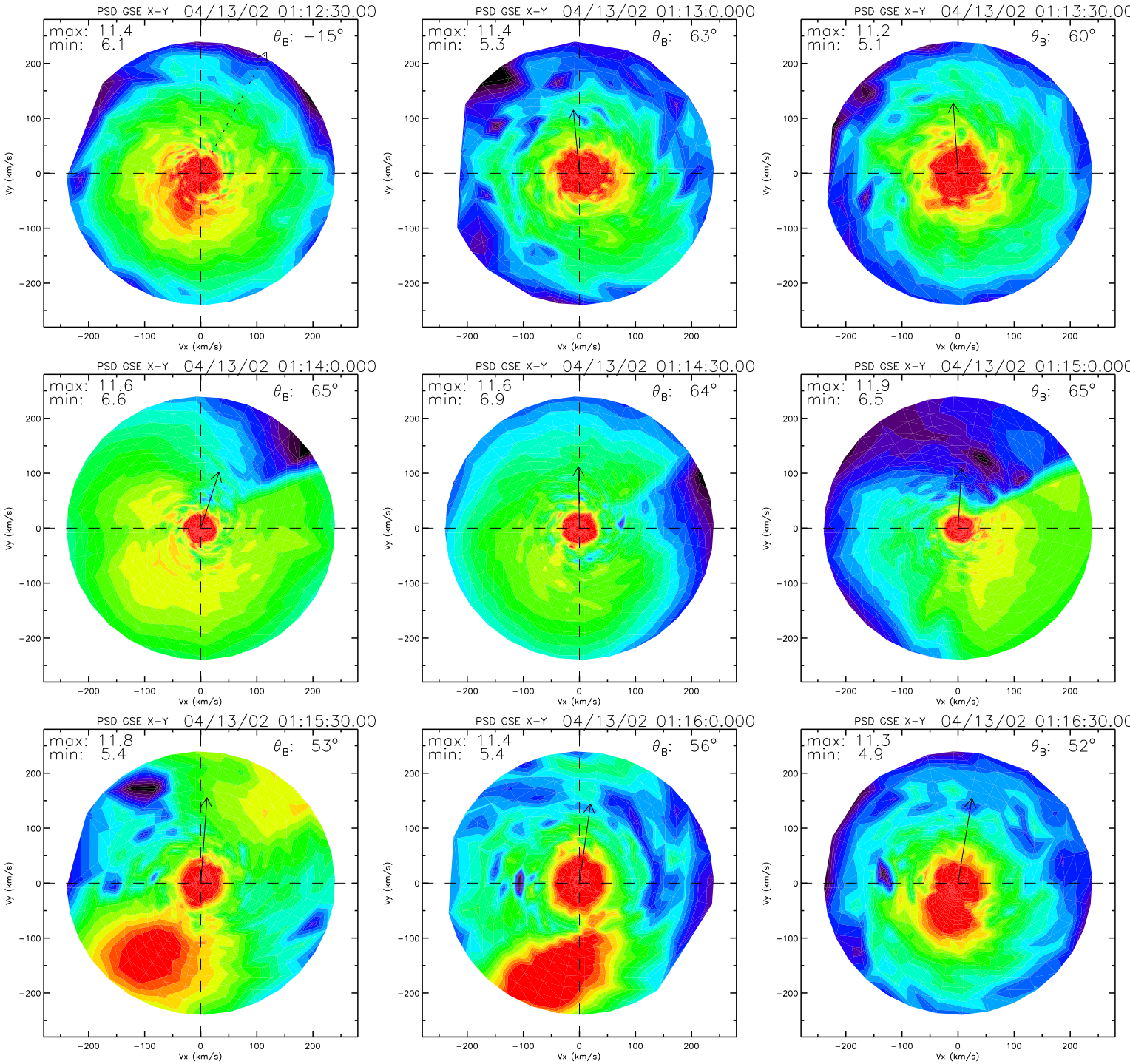

PSD GSE X-Y 04/13/02 00:50:0.000
max: 11.7
min: 7.8
θ_B: −59°
PSD GSE X-Y 04/13/02 00:50:30.00
max: 11.9
min: 8.2
θ_B: −61°
PSD GSE X-Y 04/13/02 00:51:0.000
max: 11.6
min: 8.2
θ_B: −69°
PSD GSE X-Y 04/13/02 00:51:30.00
max: 11.8
min: 8.3
θ_B: −69°
PSD GSE X-Y 04/13/02 00:52:0.000
max: 11.8
min: 7.9
θ_B: −63°
PSD GSE X-Y 04/13/02 00:52:30.00
max: 11.9
min: 7.9
θ_B: −72°
PSD GSE X-Y 04/13/02 00:53:0.000
max: 11.6
min: 8.1
θ_B: −76°
PSD GSE X-Y 04/13/02 00:53:30.00
max: 11.8
min: 8.2
θ_B: −35°
PSD GSE X-Y 04/13/02 00:54:0.000
max: 11.8
min: 8.3
θ_B: 28°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

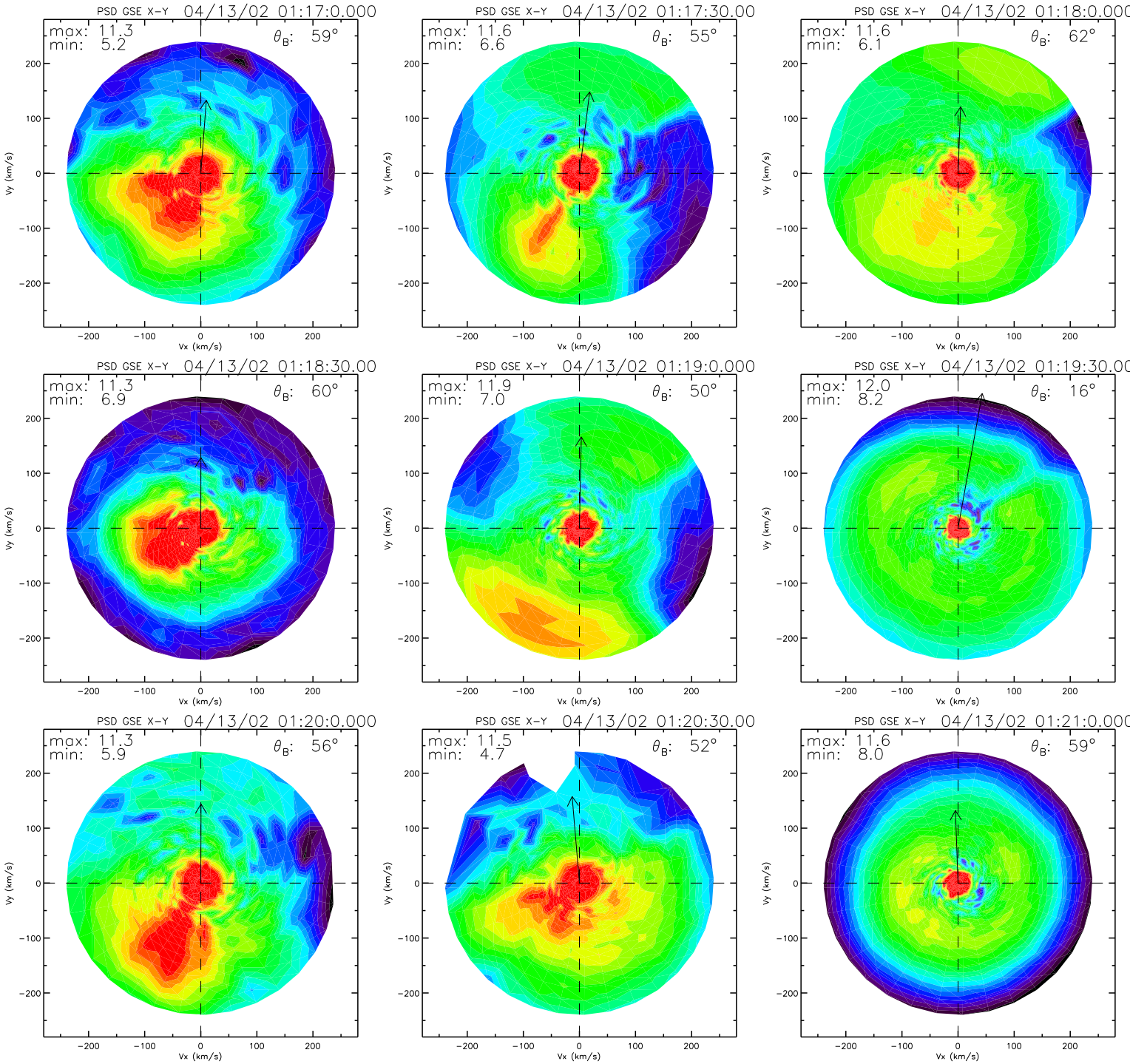

PSD GSE X-Y 04/13/02 00:54:30.00
max: 11.3
min: 4.4
θB: 60°
PSD GSE X-Y 04/13/02 00:55:0.000
max: 11.6
min: 5.5
θB: 59°
PSD GSE X-Y 04/13/02 00:55:30.00
max: 11.6
min: 6.6
θB: 58°
PSD GSE X-Y 04/13/02 00:56:0.000
max: 12.0
min: 8.4
θB: 25°
PSD GSE X-Y 04/13/02 00:56:30.00
max: 11.8
min: 8.0
θB: −70°
PSD GSE X-Y 04/13/02 00:57:0.000
max: 11.7
min: 7.9
θB: −73°
PSD GSE X-Y 04/13/02 00:57:30.00
max: 11.8
min: 8.1
θB: −59°
PSD GSE X-Y 04/13/02 00:58:0.000
max: 11.9
min: 8.2
θB: −67°
PSD GSE X-Y 04/13/02 00:58:30.00
max: 11.7
min: 8.1
θB: −73°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

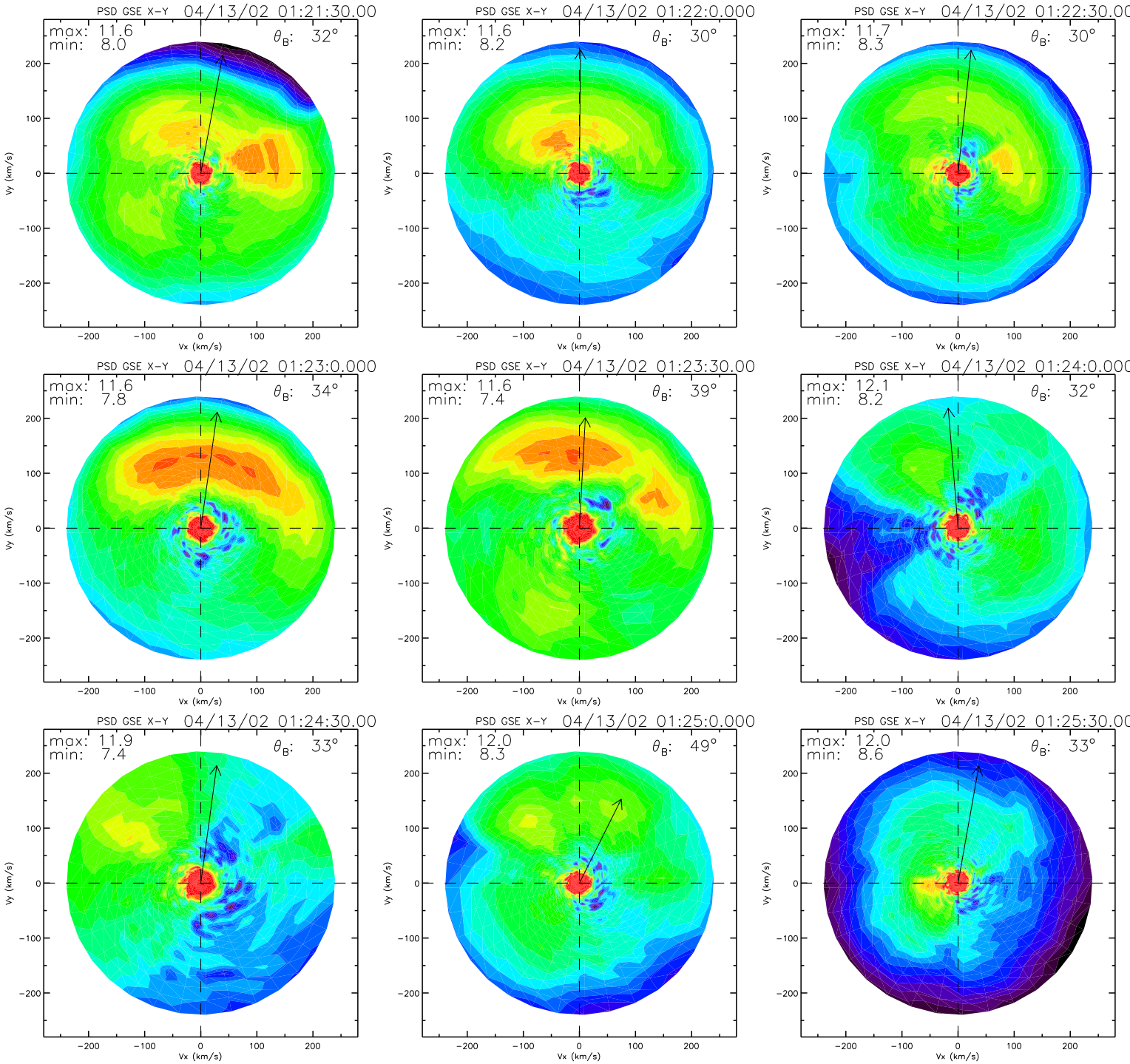

PSD GSE X-Y 04/13/02 00:59:0.000
max: 11.8
min: 8.2
θ_B: −51°
PSD GSE X-Y 04/13/02 00:59:30.00
max: 11.8
min: 8.1
θ_B: 40°
PSD GSE X-Y 04/13/02 01:00:0.000
max: 11.8
min: 7.9
θ_B: 47°
PSD GSE X-Y 04/13/02 01:00:30.00
max: 11.6
min: 7.9
θ_B: 47°
PSD GSE X-Y 04/13/02 01:01:0.000
max: 11.7
min: 8.0
θ_B: 50°
PSD GSE X-Y 04/13/02 01:01:30.00
max: 11.8
min: 7.8
θ_B: 54°
PSD GSE X-Y 04/13/02 01:02:0.000
max: 11.3
min: 4.9
θ_B: 45°
PSD GSE X-Y 04/13/02 01:02:30.00
max: 11.3
min: 5.8
θ_B: 55°
PSD GSE X-Y 04/13/02 01:03:0.000
max: 11.6
min: 5.0
θ_B: 56°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

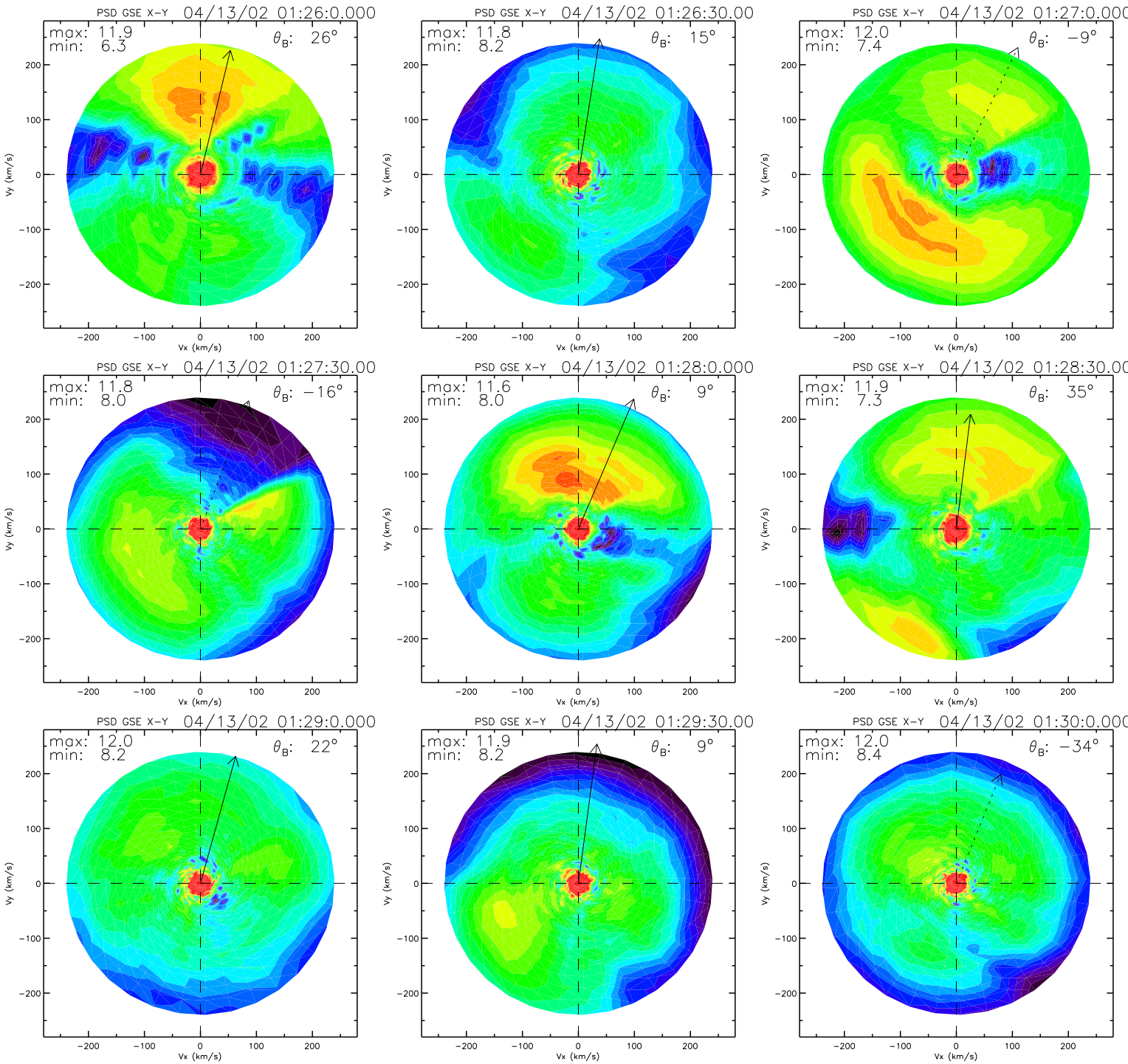

PSD GSE X-Y 04/13/02 01:03:30.00
max: 11.6
min: 5.2
θ_B: 58°
PSD GSE X-Y 04/13/02 01:04:0.000
max: 11.3
min: 4.8
θ_B: 59°
PSD GSE X-Y 04/13/02 01:04:30.00
max: 11.6
min: 4.9
θ_B: 58°
PSD GSE X-Y 04/13/02 01:05:0.000
max: 11.6
min: 7.1
θ_B: 60°
PSD GSE X-Y 04/13/02 01:05:30.00
max: 11.4
min: 7.2
θ_B: 54°
PSD GSE X-Y 04/13/02 01:06:0.000
max: 11.8
min: 7.3
θ_B: 59°
PSD GSE X-Y 04/13/02 01:06:30.00
max: 11.6
min: 8.2
θ_B: 25°
PSD GSE X-Y 04/13/02 01:07:0.000
max: 11.8
min: 7.5
θ_B: 30°
PSD GSE X-Y 04/13/02 01:07:30.00
max: 11.9
min: 8.1
θ_B: 28°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

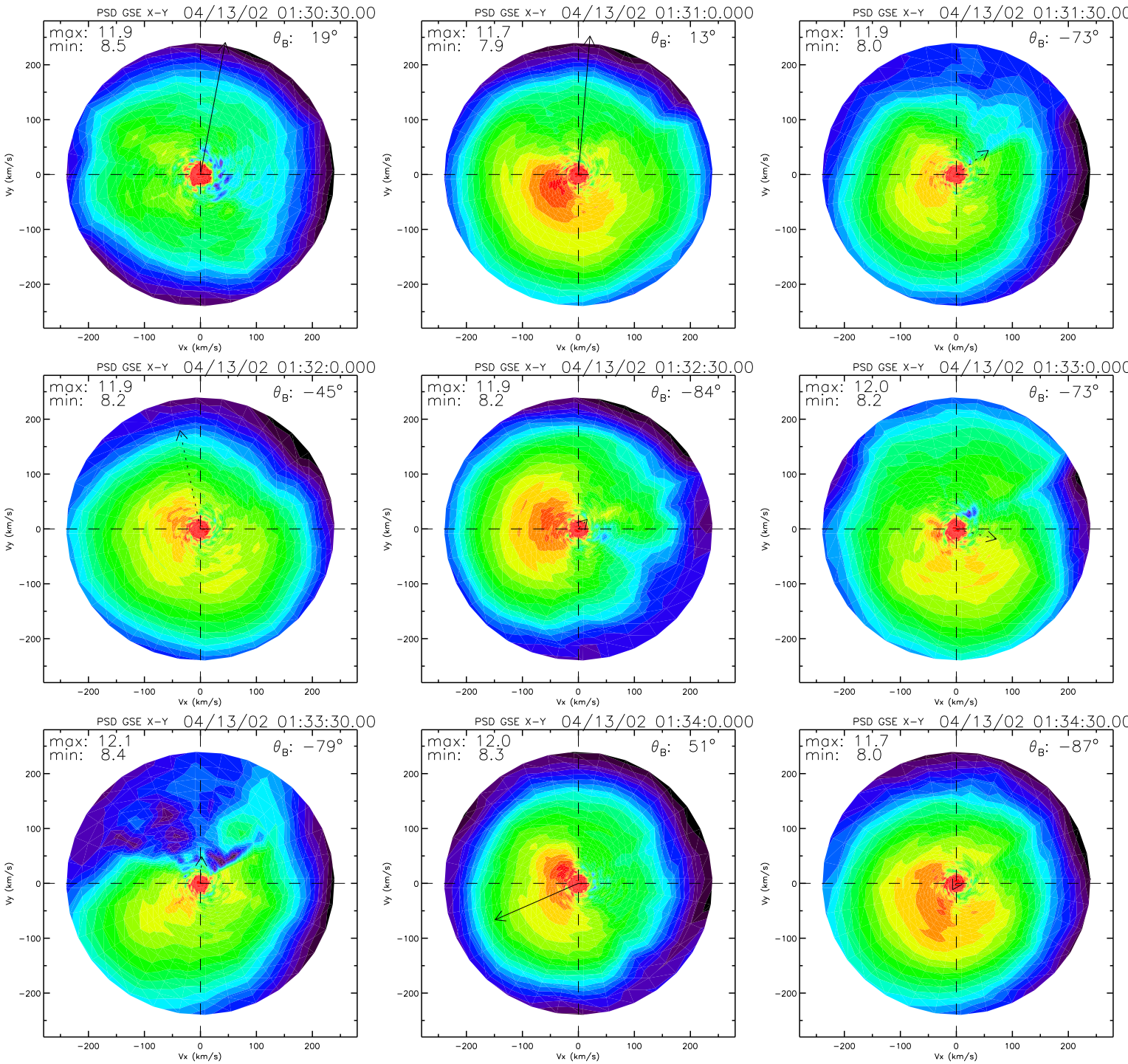

PSD GSE X-Y 04/13/02 01:08:0.000
max: 11.6
min: 7.4
θ_B: 34°
PSD GSE X-Y 04/13/02 01:08:30.00
max: 11.6
min: 7.6
θ_B: 55°
PSD GSE X-Y 04/13/02 01:09:0.000
max: 11.6
min: 7.7
θ_B: 51°
PSD GSE X-Y 04/13/02 01:09:30.00
max: 11.8
min: 8.6
θ_B: 40°
PSD GSE X-Y 04/13/02 01:10:0.000
max: 11.6
min: 7.3
θ_B: 64°
PSD GSE X-Y 04/13/02 01:10:30.00
max: 11.7
min: 8.1
θ_B: 43°
PSD GSE X-Y 04/13/02 01:11:0.000
max: 11.8
min: 7.7
θ_B: 48°
PSD GSE X-Y 04/13/02 01:11:30.00
max: 12.0
min: 8.0
θ_B: 8°
PSD GSE X-Y 04/13/02 01:12:0.000
max: 11.8
min: 8.1
θ_B: −69°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

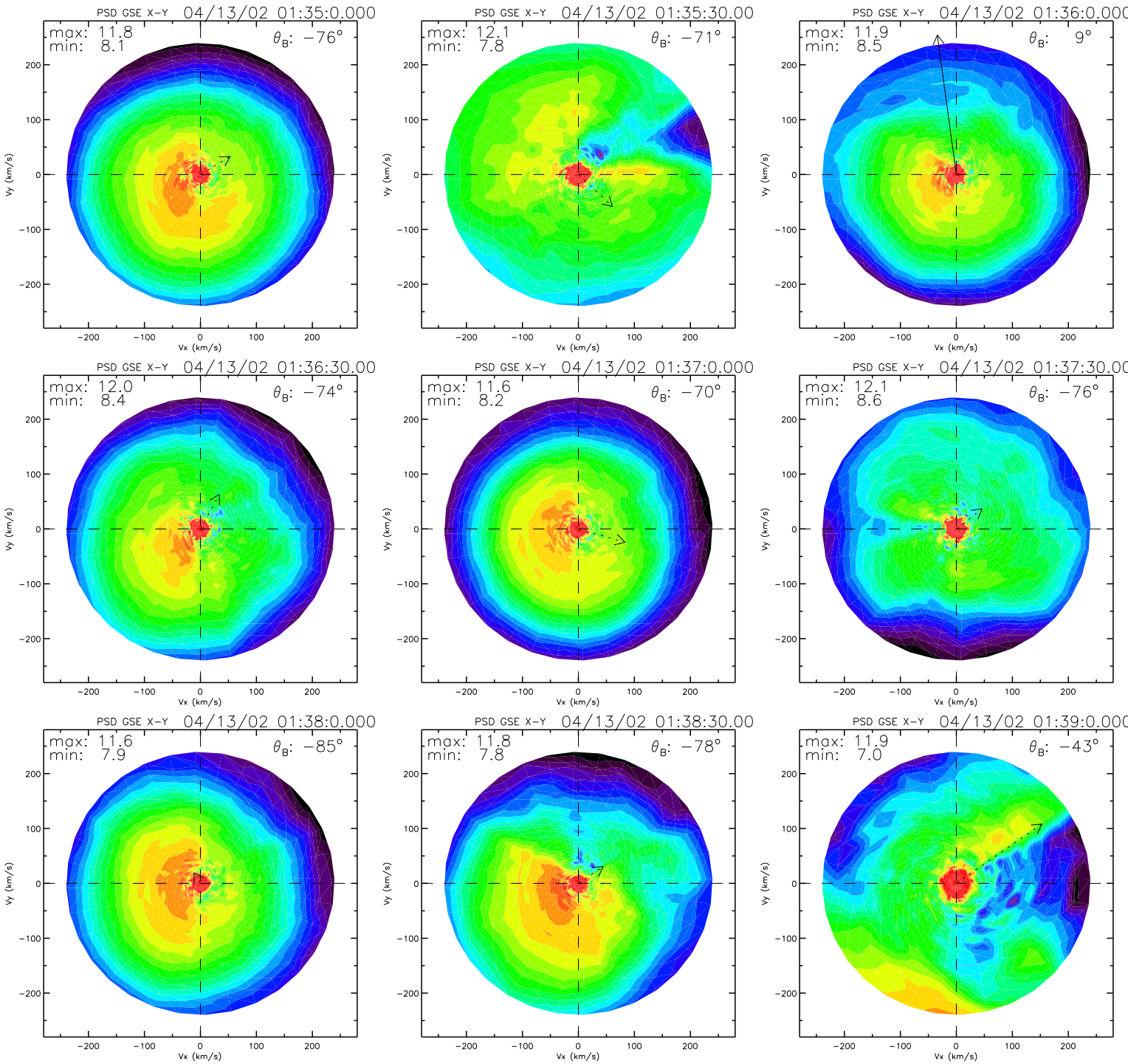

PSD GSE X-Y 04/13/02 01:12:30.00
max: 11.4
min: 6.1
θ_B: −15°
PSD GSE X-Y 04/13/02 01:13:0.000
max: 11.4
min: 5.3
θ_B: 63°
PSD GSE X-Y 04/13/02 01:13:30.00
max: 11.2
min: 5.1
θ_B: 60°
PSD GSE X-Y 04/13/02 01:14:0.000
max: 11.6
min: 6.6
θ_B: 65°
PSD GSE X-Y 04/13/02 01:14:30.00
max: 11.6
min: 6.9
θ_B: 64°
PSD GSE X-Y 04/13/02 01:15:0.000
max: 11.9
min: 6.5
θ_B: 65°
PSD GSE X-Y 04/13/02 01:15:30.00
max: 11.8
min: 5.4
θ_B: 53°
PSD GSE X-Y 04/13/02 01:16:0.000
max: 11.4
min: 5.4
θ_B: 56°
PSD GSE X-Y 04/13/02 01:16:30.00
max: 11.3
min: 4.9
θ_B: 52°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

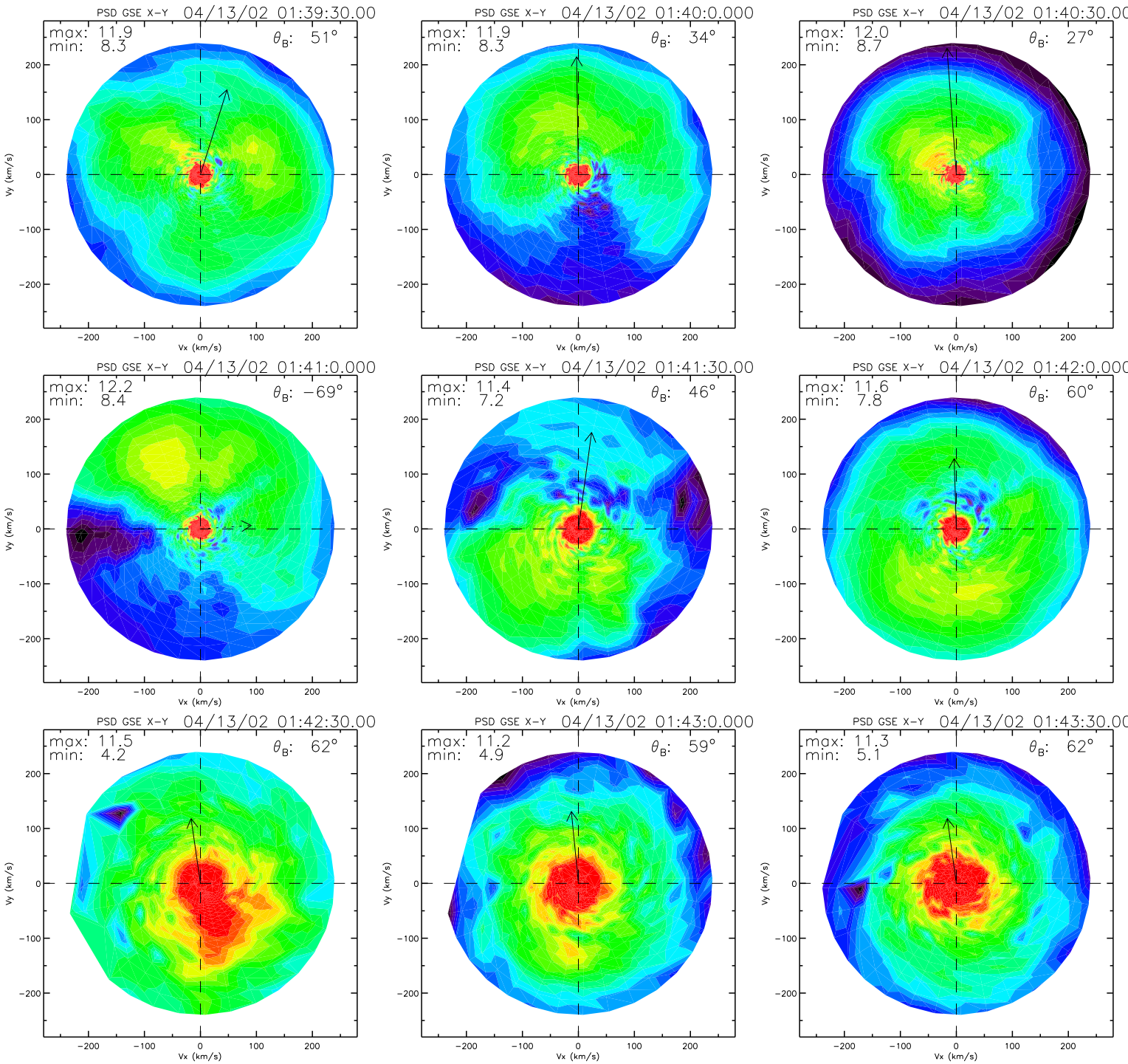

PSD GSE X-Y 04/13/02 01:17:0.000
max: 11.3
min: 5.2
θB: 59°
PSD GSE X-Y 04/13/02 01:17:30.00
max: 11.6
min: 6.6
θB: 55°
PSD GSE X-Y 04/13/02 01:18:0.000
max: 11.6
min: 6.1
θB: 62°
PSD GSE X-Y 04/13/02 01:18:30.00
max: 11.3
min: 6.9
θB: 60°
PSD GSE X-Y 04/13/02 01:19:0.000
max: 11.9
min: 7.0
θB: 50°
PSD GSE X-Y 04/13/02 01:19:30.00
max: 12.0
min: 8.2
θB: 16°
PSD GSE X-Y 04/13/02 01:20:0.000
max: 11.3
min: 5.9
θB: 56°
PSD GSE X-Y 04/13/02 01:20:30.00
max: 11.5
min: 4.7
θB: 52°
PSD GSE X-Y 04/13/02 01:21:0.000
max: 11.6
min: 8.0
θB: 59°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

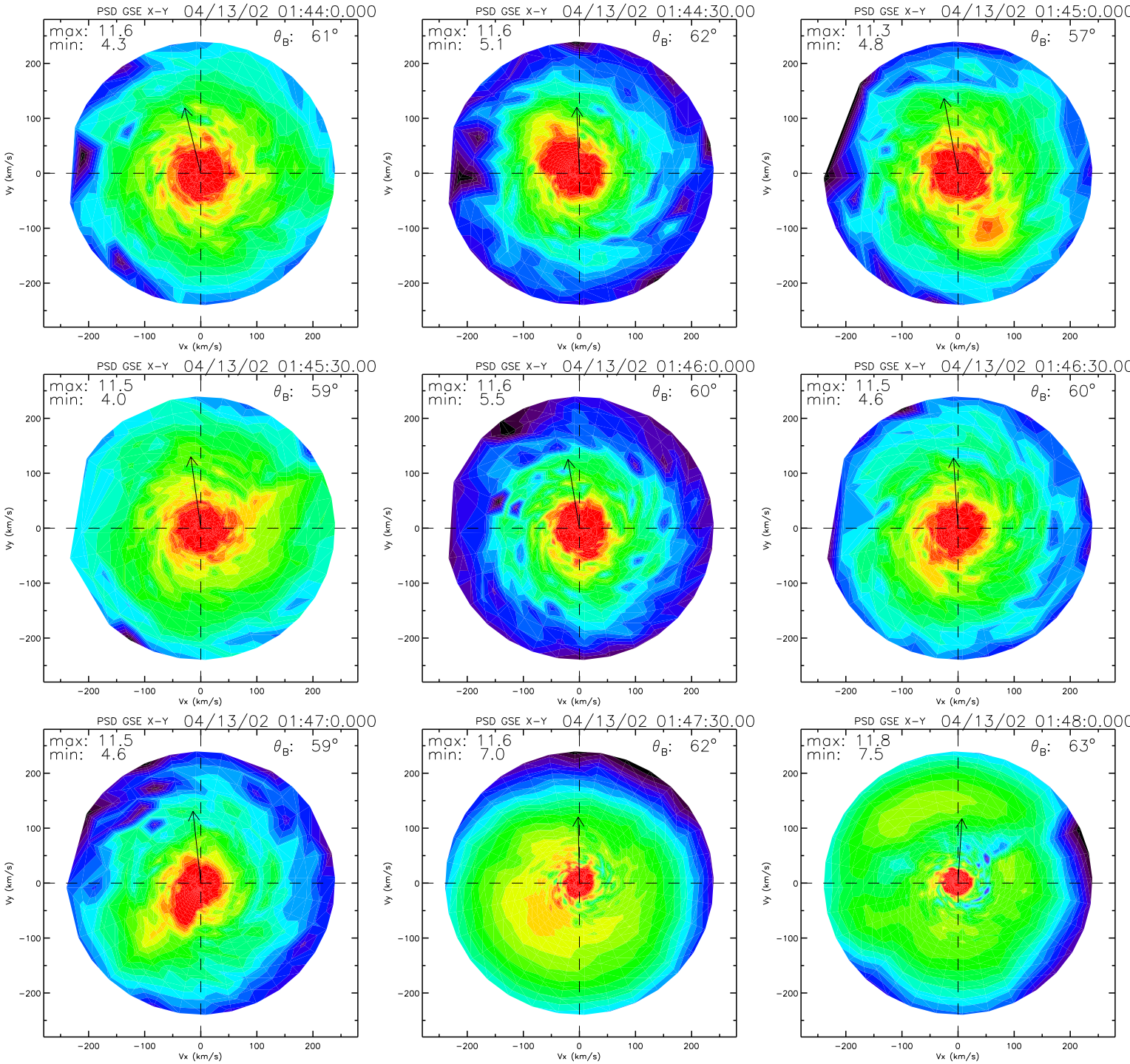

PSD GSE X-Y 04/13/02 01:21:30.00
max: 11.6
min: 8.0
θB: 32°
PSD GSE X-Y 04/13/02 01:22:0.000
max: 11.6
min: 8.2
θB: 30°
PSD GSE X-Y 04/13/02 01:22:30.00
max: 11.7
min: 8.3
θB: 30°
PSD GSE X-Y 04/13/02 01:23:0.000
max: 11.6
min: 7.8
θB: 34°
PSD GSE X-Y 04/13/02 01:23:30.00
max: 11.6
min: 7.4
θB: 39°
PSD GSE X-Y 04/13/02 01:24:0.000
max: 12.1
min: 8.2
θB: 32°
PSD GSE X-Y 04/13/02 01:24:30.00
max: 11.9
min: 7.4
θB: 33°
PSD GSE X-Y 04/13/02 01:25:0.000
max: 12.0
min: 8.3
θB: 49°
PSD GSE X-Y 04/13/02 01:25:30.00
max: 12.0
min: 8.6
θB: 33°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

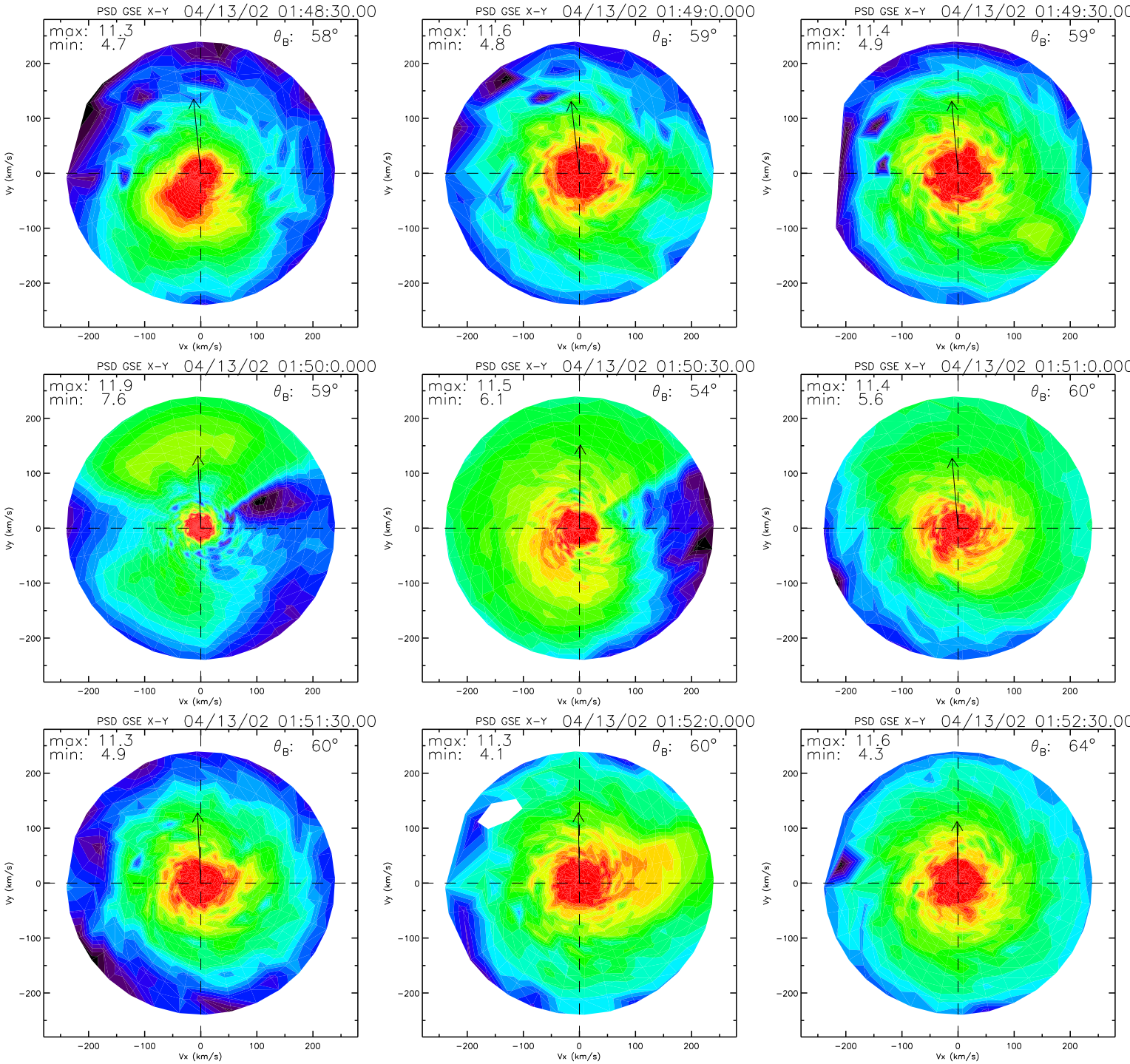

PSD GSE X-Y 04/13/02 01:26:0.000
max: 11.9
min: 6.3
θ_B: 26°
PSD GSE X-Y 04/13/02 01:26:30.00
max: 11.8
min: 8.2
θ_B: 15°
PSD GSE X-Y 04/13/02 01:27:0.000
max: 12.0
min: 7.4
θ_B: −9°
PSD GSE X-Y 04/13/02 01:27:30.00
max: 11.8
min: 8.0
θ_B: −16°
PSD GSE X-Y 04/13/02 01:28:0.000
max: 11.6
min: 8.0
θ_B: 9°
PSD GSE X-Y 04/13/02 01:28:30.00
max: 11.9
min: 7.3
θ_B: 35°
PSD GSE X-Y 04/13/02 01:29:0.000
max: 12.0
min: 8.2
θ_B: 22°
PSD GSE X-Y 04/13/02 01:29:30.00
max: 11.9
min: 8.2
θ_B: 9°
PSD GSE X-Y 04/13/02 01:30:0.000
max: 12.0
min: 8.4
θ_B: −34°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

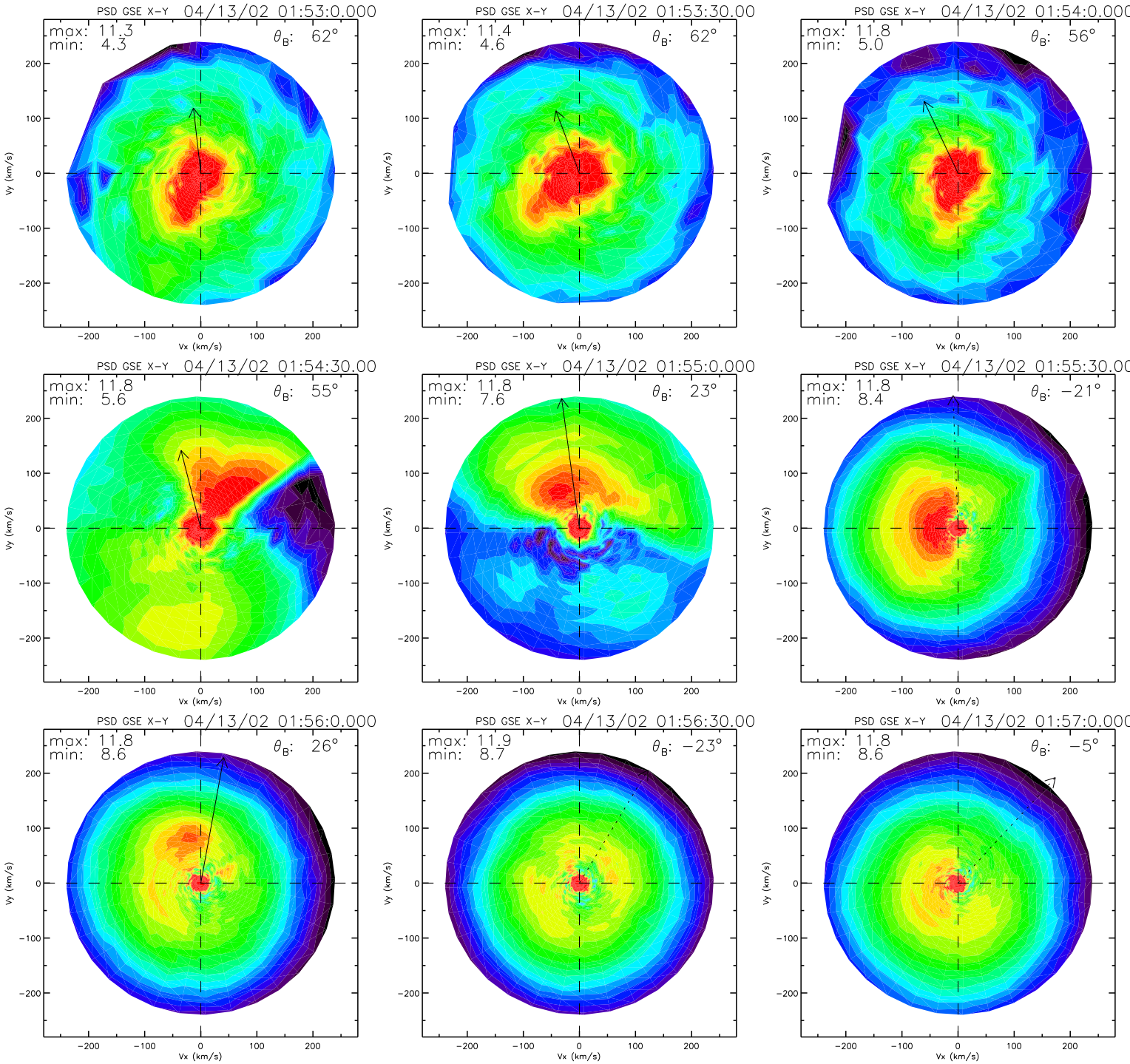

PSD GSE X-Y 04/13/02 01:30:30.00
max: 11.9
min: 8.5
θ_B: 19°
PSD GSE X-Y 04/13/02 01:31:0.000
max: 11.7
min: 7.9
θ_B: 13°
PSD GSE X-Y 04/13/02 01:31:30.00
max: 11.9
min: 8.0
θ_B: −73°
PSD GSE X-Y 04/13/02 01:32:0.000
max: 11.9
min: 8.2
θ_B: −45°
PSD GSE X-Y 04/13/02 01:32:30.00
max: 11.9
min: 8.2
θ_B: −84°
PSD GSE X-Y 04/13/02 01:33:0.000
max: 12.0
min: 8.2
θ_B: −73°
PSD GSE X-Y 04/13/02 01:33:30.00
max: 12.1
min: 8.4
θ_B: −79°
PSD GSE X-Y 04/13/02 01:34:0.000
max: 12.0
min: 8.3
θ_B: 51°
PSD GSE X-Y 04/13/02 01:34:30.00
max: 11.7
min: 8.0
θ_B: −87°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

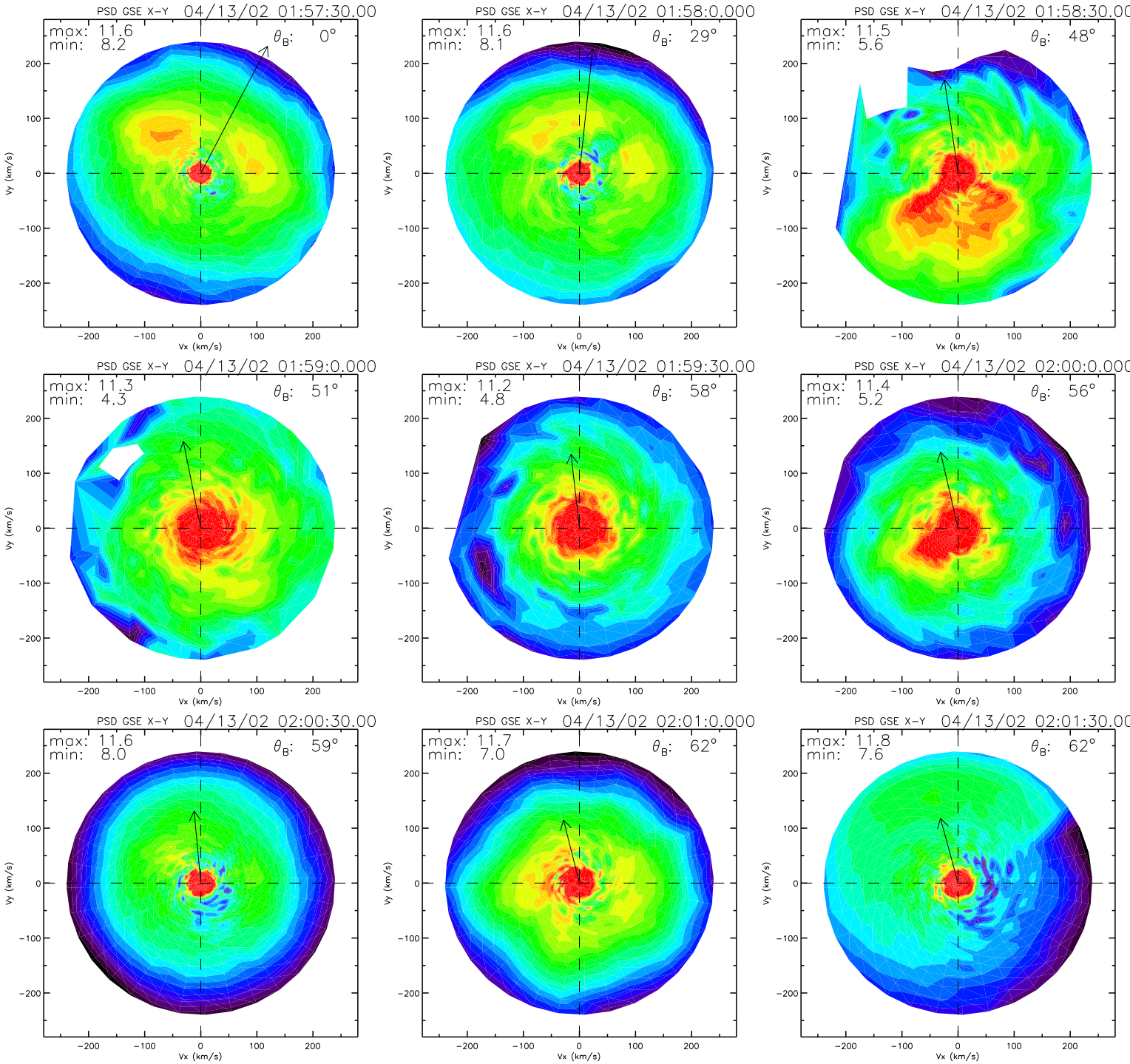

PSD GSE X-Y 04/13/02 01:35:0.000
max: 11.8
min: 8.1
θ_B: −76°
PSD GSE X-Y 04/13/02 01:35:30.00
max: 12.1
min: 7.8
θ_B: −71°
PSD GSE X-Y 04/13/02 01:36:0.000
max: 11.9
min: 8.5
θ_B: 9°
PSD GSE X-Y 04/13/02 01:36:30.00
max: 12.0
min: 8.4
θ_B: −74°
PSD GSE X-Y 04/13/02 01:37:0.000
max: 11.6
min: 8.2
θ_B: −70°
PSD GSE X-Y 04/13/02 01:37:30.00
max: 12.1
min: 8.6
θ_B: −76°
PSD GSE X-Y 04/13/02 01:38:0.000
max: 11.6
min: 7.9
θ_B: −85°
PSD GSE X-Y 04/13/02 01:38:30.00
max: 11.8
min: 7.8
θ_B: −78°
PSD GSE X-Y 04/13/02 01:39:0.000
max: 11.9
min: 7.0
θ_B: −43°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

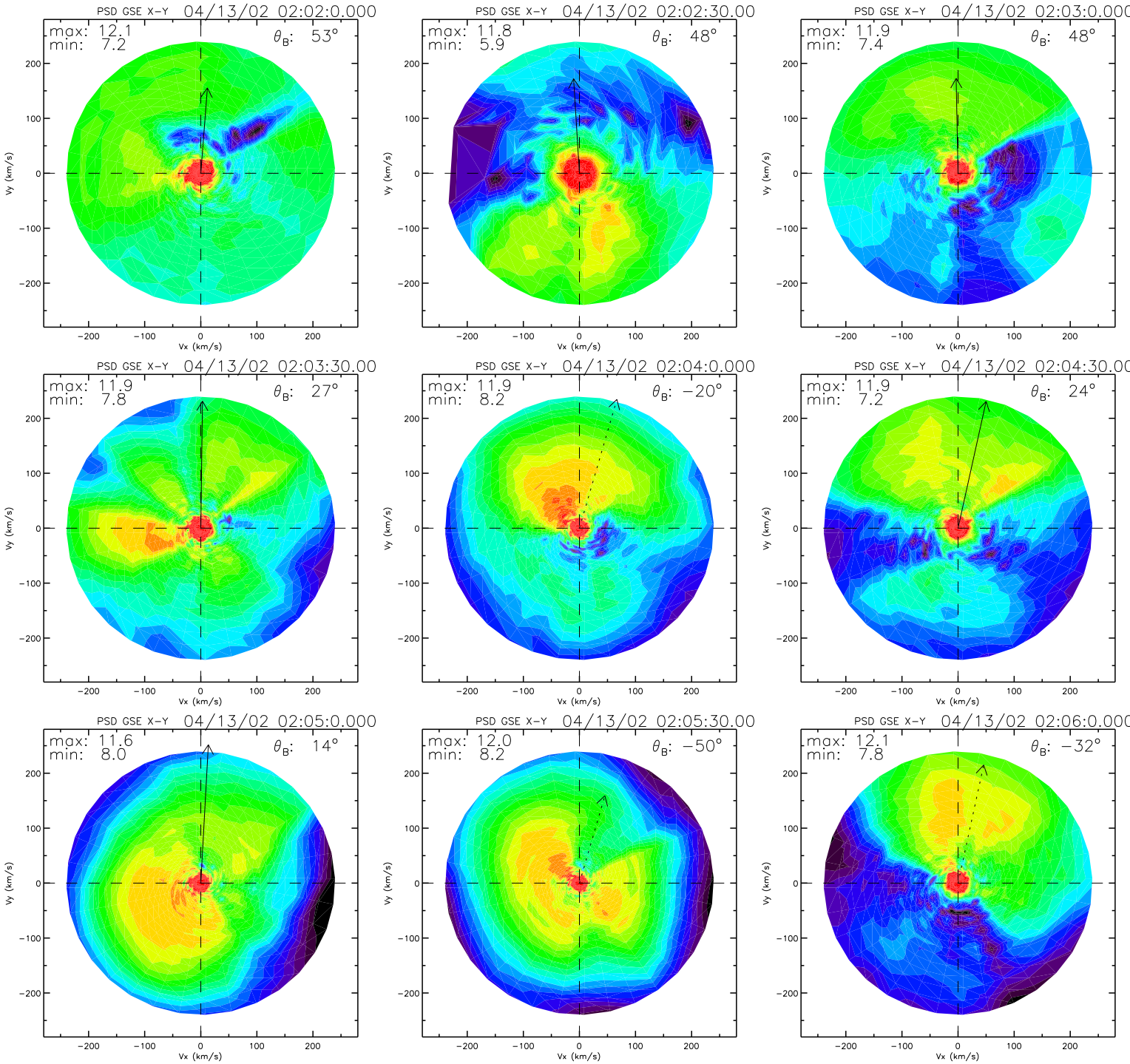

PSD GSE X-Y 04/13/02 01:39:30.00
max: 11.9
min: 8.3
θ_B: 51°
PSD GSE X-Y 04/13/02 01:40:0.000
max: 11.9
min: 8.3
θ_B: 34°
PSD GSE X-Y 04/13/02 01:40:30.00
max: 12.0
min: 8.7
θ_B: 27°
PSD GSE X-Y 04/13/02 01:41:0.000
max: 12.2
min: 8.4
θ_B: −69°
PSD GSE X-Y 04/13/02 01:41:30.00
max: 11.4
min: 7.2
θ_B: 46°
PSD GSE X-Y 04/13/02 01:42:0.000
max: 11.6
min: 7.8
θ_B: 60°
PSD GSE X-Y 04/13/02 01:42:30.00
max: 11.5
min: 4.2
θ_B: 62°
PSD GSE X-Y 04/13/02 01:43:0.000
max: 11.2
min: 4.9
θ_B: 59°
PSD GSE X-Y 04/13/02 01:43:30.00
max: 11.3
min: 5.1
θ_B: 62°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

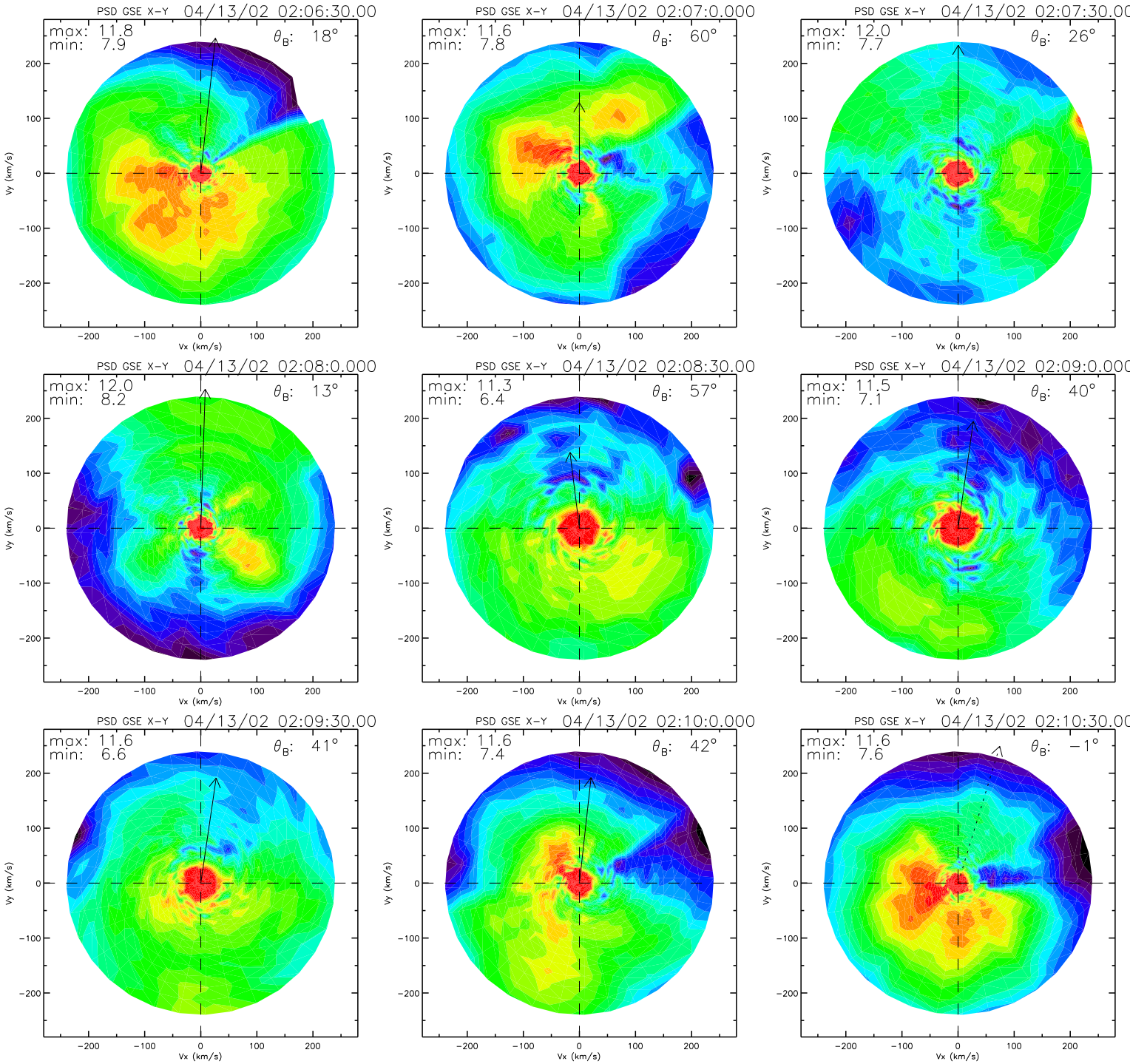

PSD GSE X-Y 04/13/02 01:44:0.000
max: 11.6
min: 4.3
θ_B: 61°
PSD GSE X-Y 04/13/02 01:44:30.00
max: 11.6
min: 5.1
θ_B: 62°
PSD GSE X-Y 04/13/02 01:45:0.000
max: 11.3
min: 4.8
θ_B: 57°
PSD GSE X-Y 04/13/02 01:45:30.00
max: 11.5
min: 4.0
θ_B: 59°
PSD GSE X-Y 04/13/02 01:46:0.000
max: 11.6
min: 5.5
θ_B: 60°
PSD GSE X-Y 04/13/02 01:46:30.00
max: 11.5
min: 4.6
θ_B: 60°
PSD GSE X-Y 04/13/02 01:47:0.000
max: 11.5
min: 4.6
θ_B: 59°
PSD GSE X-Y 04/13/02 01:47:30.00
max: 11.6
min: 7.0
θ_B: 62°
PSD GSE X-Y 04/13/02 01:48:0.000
max: 11.8
min: 7.5
θ_B: 63°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

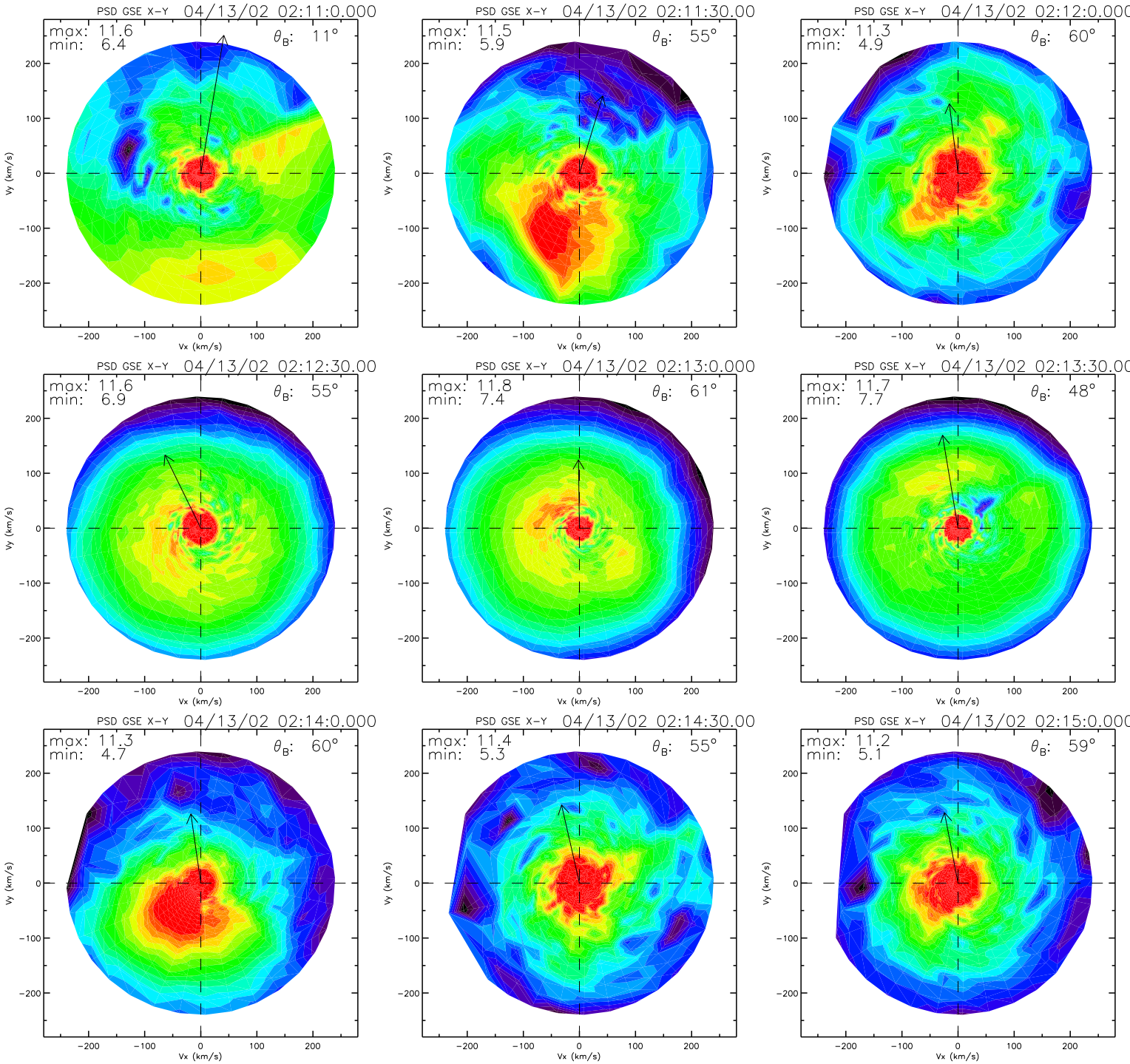

PSD GSE X-Y 04/13/02 01:48:30.00
max: 11.3
min: 4.7
θB: 58°
PSD GSE X-Y 04/13/02 01:49:0.000
max: 11.6
min: 4.8
θB: 59°
PSD GSE X-Y 04/13/02 01:49:30.00
max: 11.4
min: 4.9
θB: 59°
PSD GSE X-Y 04/13/02 01:50:0.000
max: 11.9
min: 7.6
θB: 59°
PSD GSE X-Y 04/13/02 01:50:30.00
max: 11.5
min: 6.1
θB: 54°
PSD GSE X-Y 04/13/02 01:51:0.000
max: 11.4
min: 5.6
θB: 60°
PSD GSE X-Y 04/13/02 01:51:30.00
max: 11.3
min: 4.9
θB: 60°
PSD GSE X-Y 04/13/02 01:52:0.000
max: 11.3
min: 4.1
θB: 60°
PSD GSE X-Y 04/13/02 01:52:30.00
max: 11.6
min: 4.3
θB: 64°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

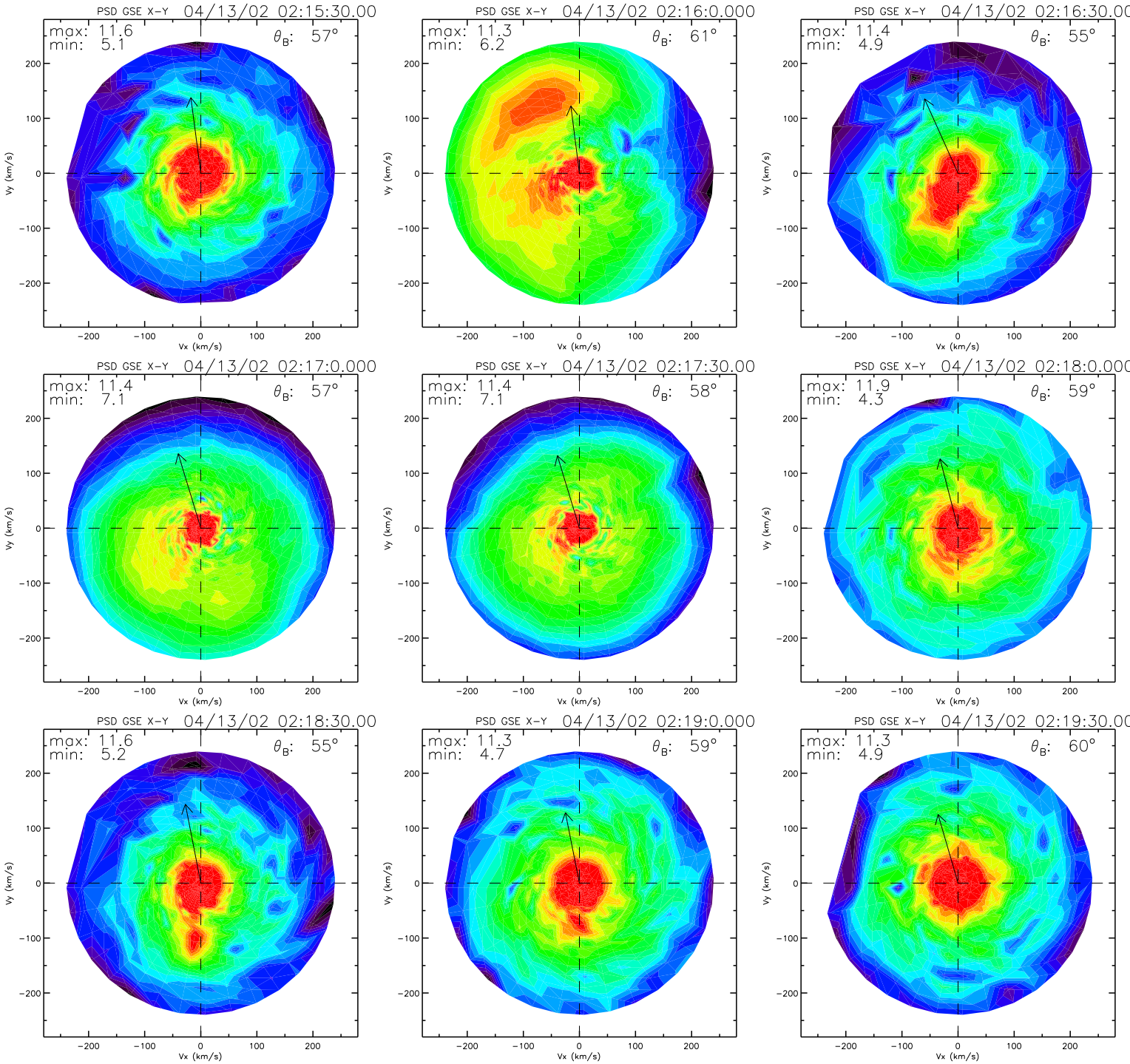

PSD GSE X-Y 04/13/02 01:53:0.000
max: 11.3
min: 4.3
θ_B: 62°
PSD GSE X-Y 04/13/02 01:53:30.00
max: 11.4
min: 4.6
θ_B: 62°
PSD GSE X-Y 04/13/02 01:54:0.000
max: 11.8
min: 5.0
θ_B: 56°
PSD GSE X-Y 04/13/02 01:54:30.00
max: 11.8
min: 5.6
θ_B: 55°
PSD GSE X-Y 04/13/02 01:55:0.000
max: 11.8
min: 7.6
θ_B: 23°
PSD GSE X-Y 04/13/02 01:55:30.00
max: 11.8
min: 8.4
θ_B: −21°
PSD GSE X-Y 04/13/02 01:56:0.000
max: 11.8
min: 8.6
θ_B: 26°
PSD GSE X-Y 04/13/02 01:56:30.00
max: 11.9
min: 8.7
θ_B: −23°
PSD GSE X-Y 04/13/02 01:57:0.000
max: 11.8
min: 8.6
θ_B: −5°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

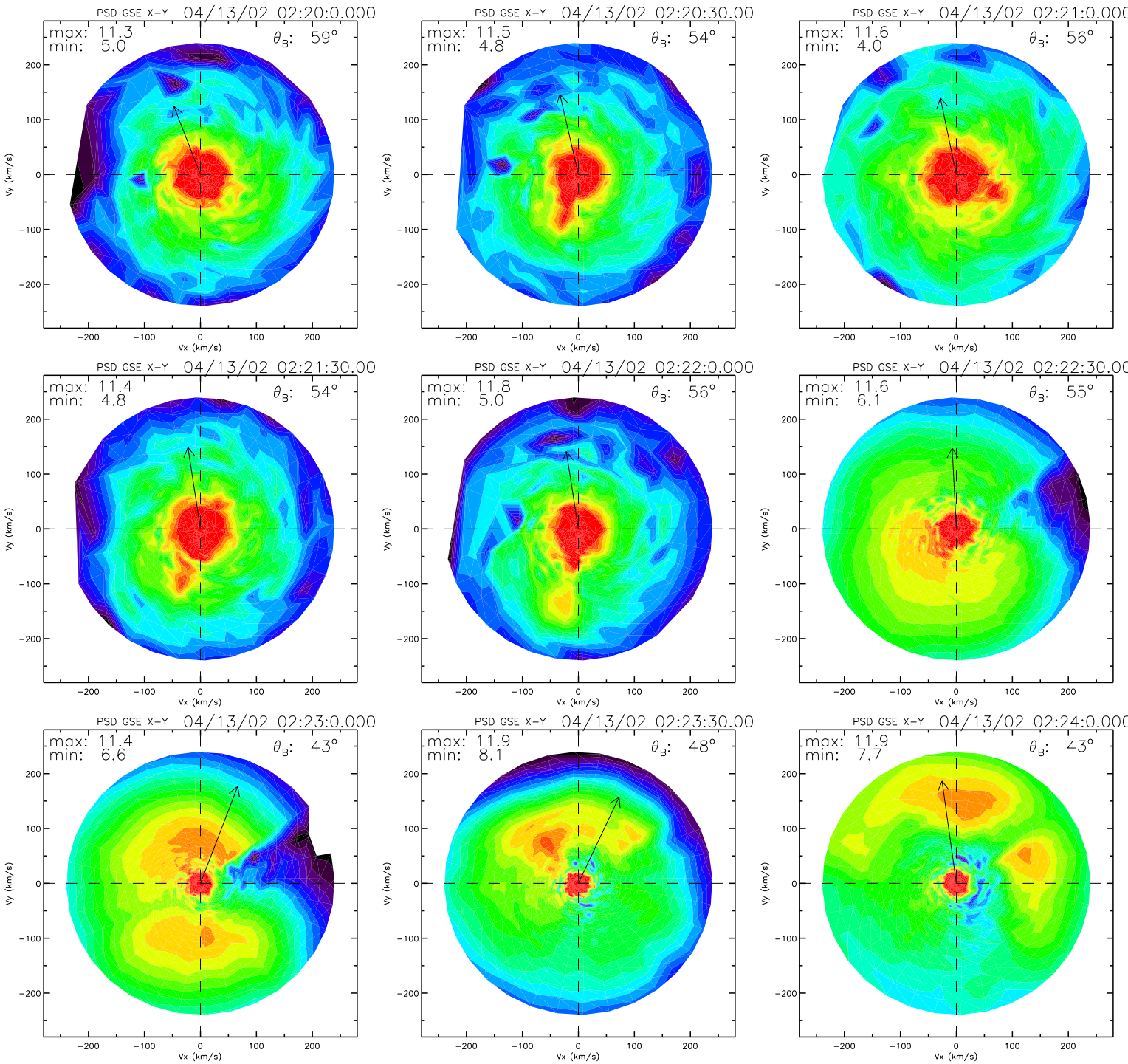

PSD GSE X-Y 04/13/02 01:57:30.00
max: 11.6
min: 8.2
θB: 0°
PSD GSE X-Y 04/13/02 01:58:0.000
max: 11.6
min: 8.1
θB: 29°
PSD GSE X-Y 04/13/02 01:58:30.00
max: 11.5
min: 5.6
θB: 48°
PSD GSE X-Y 04/13/02 01:59:0.000
max: 11.3
min: 4.3
θB: 51°
PSD GSE X-Y 04/13/02 01:59:30.00
max: 11.2
min: 4.8
θB: 58°
PSD GSE X-Y 04/13/02 02:00:0.000
max: 11.4
min: 5.2
θB: 56°
PSD GSE X-Y 04/13/02 02:00:30.00
max: 11.6
min: 8.0
θB: 59°
PSD GSE X-Y 04/13/02 02:01:0.000
max: 11.7
min: 7.0
θB: 62°
PSD GSE X-Y 04/13/02 02:01:30.00
max: 11.8
min: 7.6
θB: 62°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

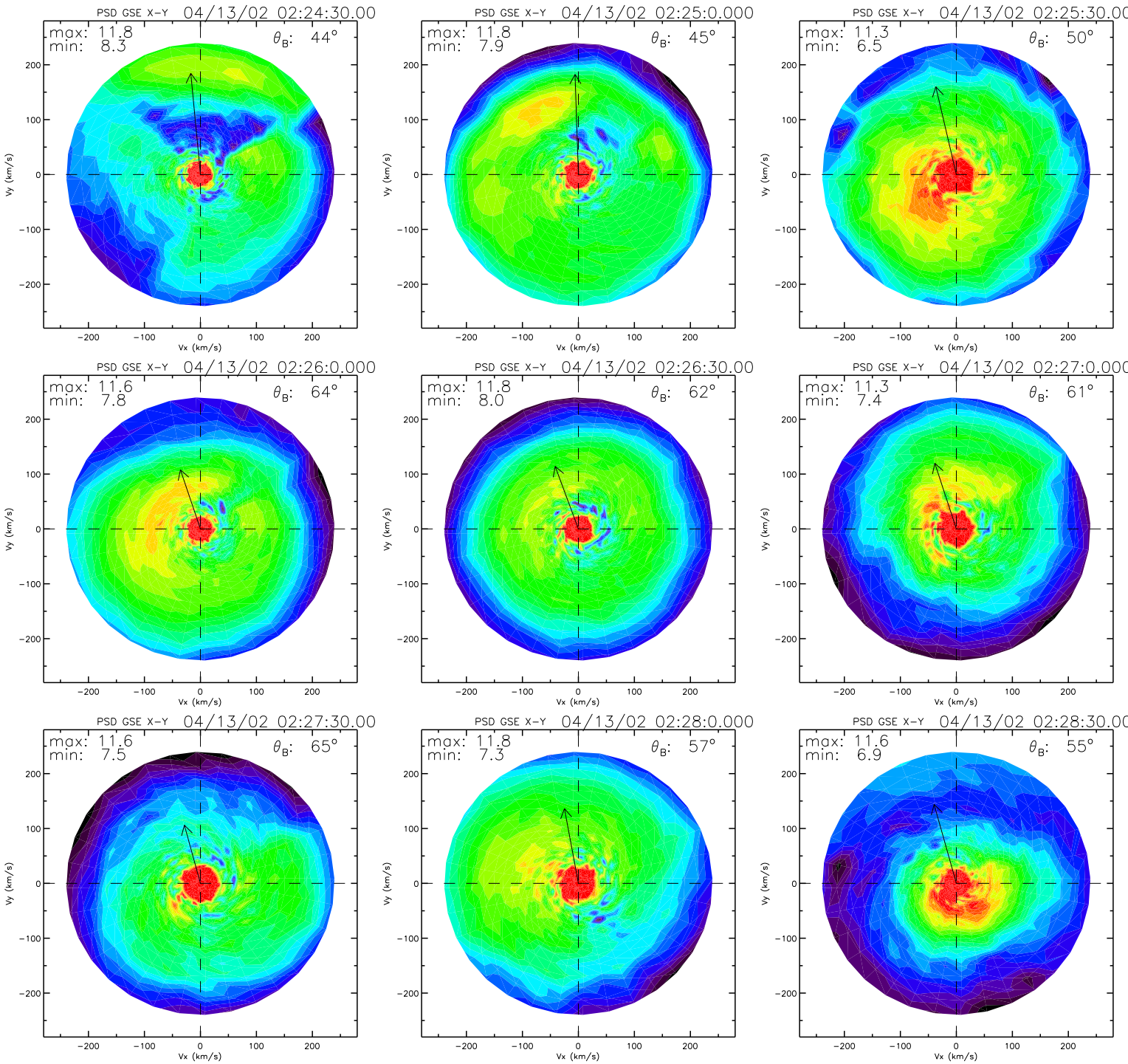

PSD GSE X-Y 04/13/02 02:02:0.000
max: 12.1
min: 7.2
θ_B: 53°
PSD GSE X-Y 04/13/02 02:02:30.00
max: 11.8
min: 5.9
θ_B: 48°
PSD GSE X-Y 04/13/02 02:03:0.000
max: 11.9
min: 7.4
θ_B: 48°
PSD GSE X-Y 04/13/02 02:03:30.00
max: 11.9
min: 7.8
θ_B: 27°
PSD GSE X-Y 04/13/02 02:04:0.000
max: 11.9
min: 8.2
θ_B: −20°
PSD GSE X-Y 04/13/02 02:04:30.00
max: 11.9
min: 7.2
θ_B: 24°
PSD GSE X-Y 04/13/02 02:05:0.000
max: 11.6
min: 8.0
θ_B: 14°
PSD GSE X-Y 04/13/02 02:05:30.00
max: 12.0
min: 8.2
θ_B: −50°
PSD GSE X-Y 04/13/02 02:06:0.000
max: 12.1
min: 7.8
θ_B: −32°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

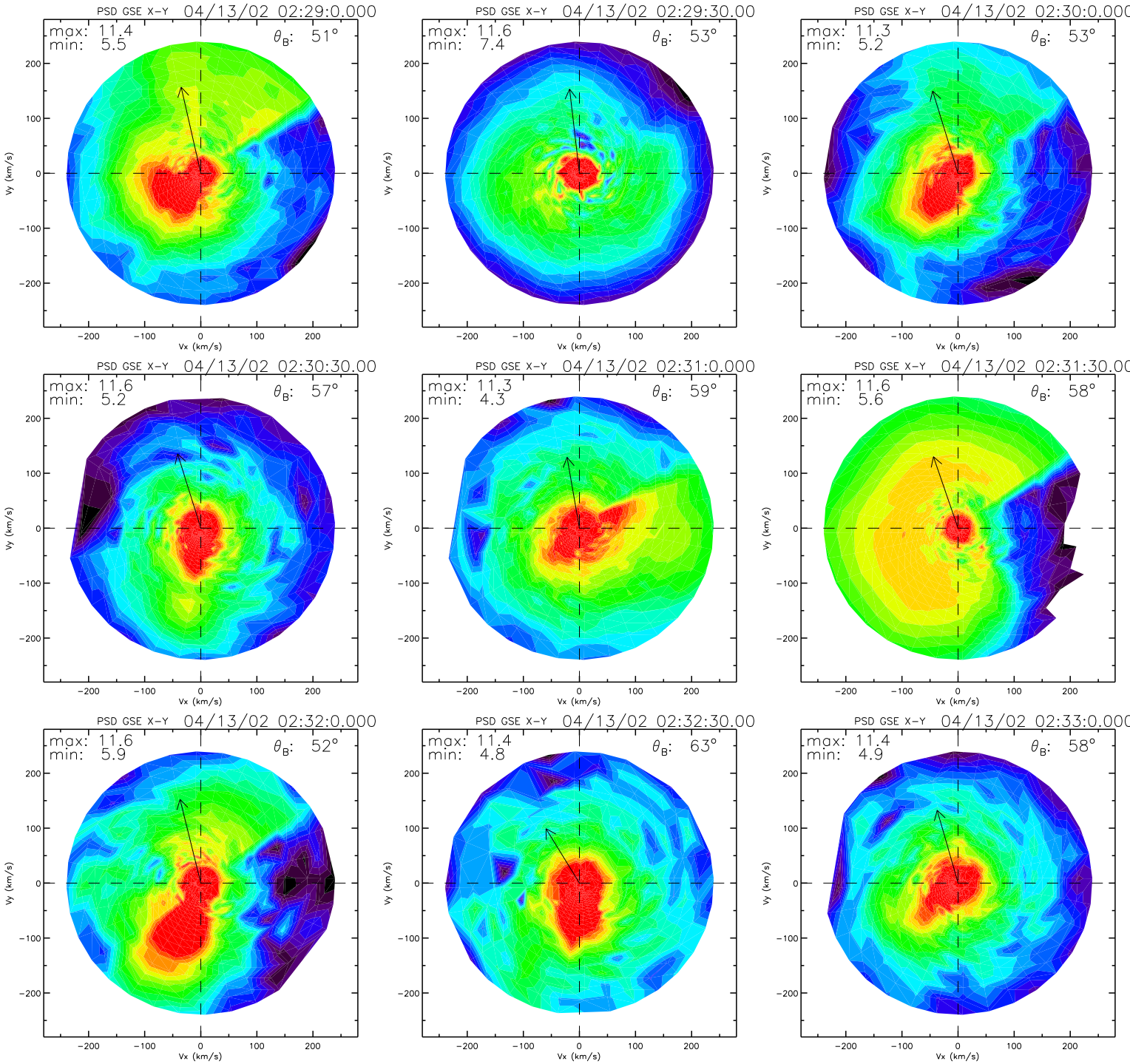

PSD GSE X-Y 04/13/02 02:06:30.00
max: 11.8
min: 7.9
θ_B: 18°
PSD GSE X-Y 04/13/02 02:07:0.000
max: 11.6
min: 7.8
θ_B: 60°
PSD GSE X-Y 04/13/02 02:07:30.00
max: 12.0
min: 7.7
θ_B: 26°
PSD GSE X-Y 04/13/02 02:08:0.000
max: 12.0
min: 8.2
θ_B: 13°
PSD GSE X-Y 04/13/02 02:08:30.00
max: 11.3
min: 6.4
θ_B: 57°
PSD GSE X-Y 04/13/02 02:09:0.000
max: 11.5
min: 7.1
θ_B: 40°
PSD GSE X-Y 04/13/02 02:09:30.00
max: 11.6
min: 6.6
θ_B: 41°
PSD GSE X-Y 04/13/02 02:10:0.000
max: 11.6
min: 7.4
θ_B: 42°
PSD GSE X-Y 04/13/02 02:10:30.00
max: 11.6
min: 7.6
θ_B: −1°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

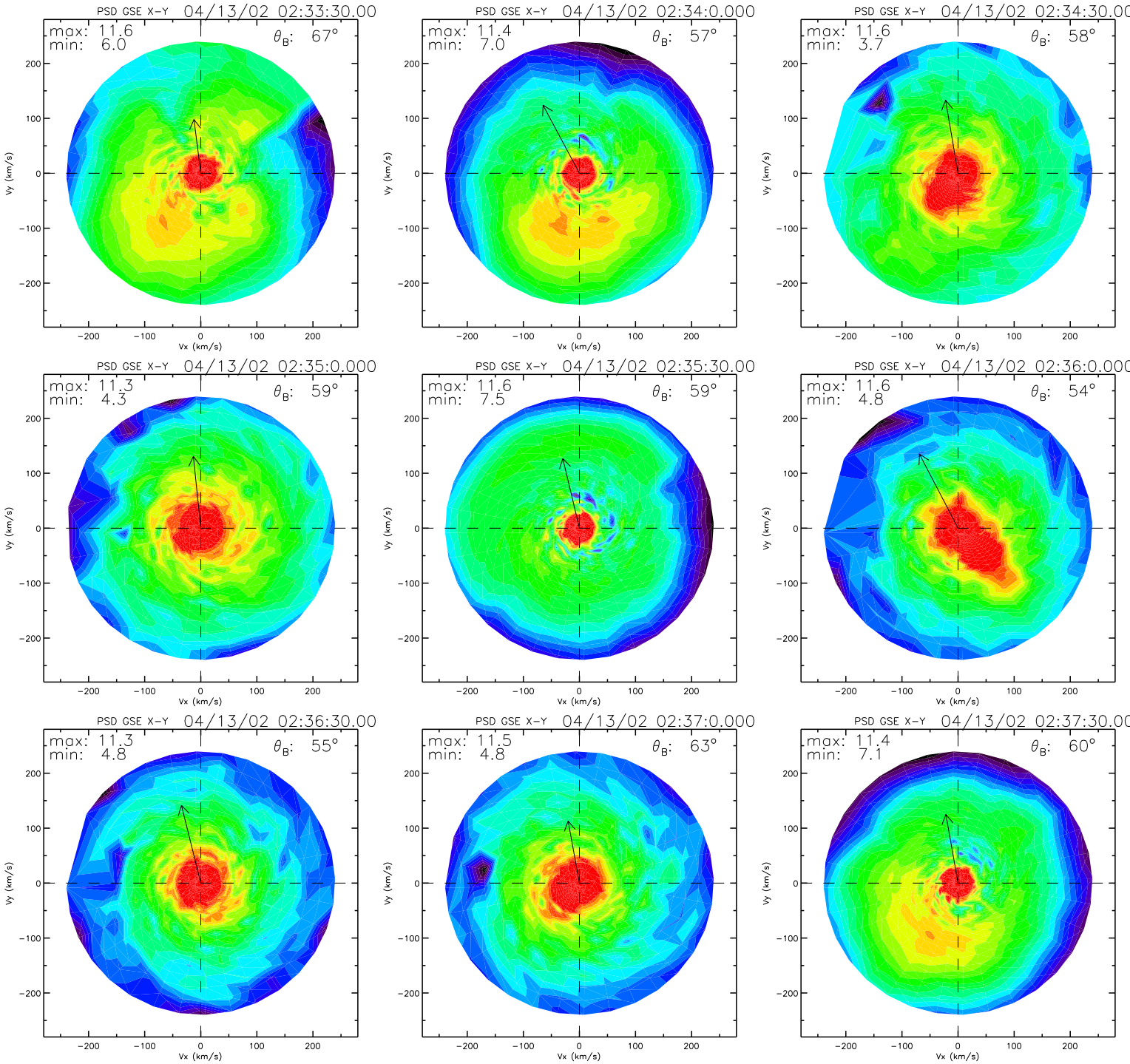

PSD GSE X-Y 04/13/02 02:11:0.000
max: 11.6
min: 6.4
θ_B: 11°
PSD GSE X-Y 04/13/02 02:11:30.00
max: 11.5
min: 5.9
θ_B: 55°
PSD GSE X-Y 04/13/02 02:12:0.000
max: 11.3
min: 4.9
θ_B: 60°
PSD GSE X-Y 04/13/02 02:12:30.00
max: 11.6
min: 6.9
θ_B: 55°
PSD GSE X-Y 04/13/02 02:13:0.000
max: 11.8
min: 7.4
θ_B: 61°
PSD GSE X-Y 04/13/02 02:13:30.00
max: 11.7
min: 7.7
θ_B: 48°
PSD GSE X-Y 04/13/02 02:14:0.000
max: 11.3
min: 4.7
θ_B: 60°
PSD GSE X-Y 04/13/02 02:14:30.00
max: 11.4
min: 5.3
θ_B: 55°
PSD GSE X-Y 04/13/02 02:15:0.000
max: 11.2
min: 5.1
θ_B: 59°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

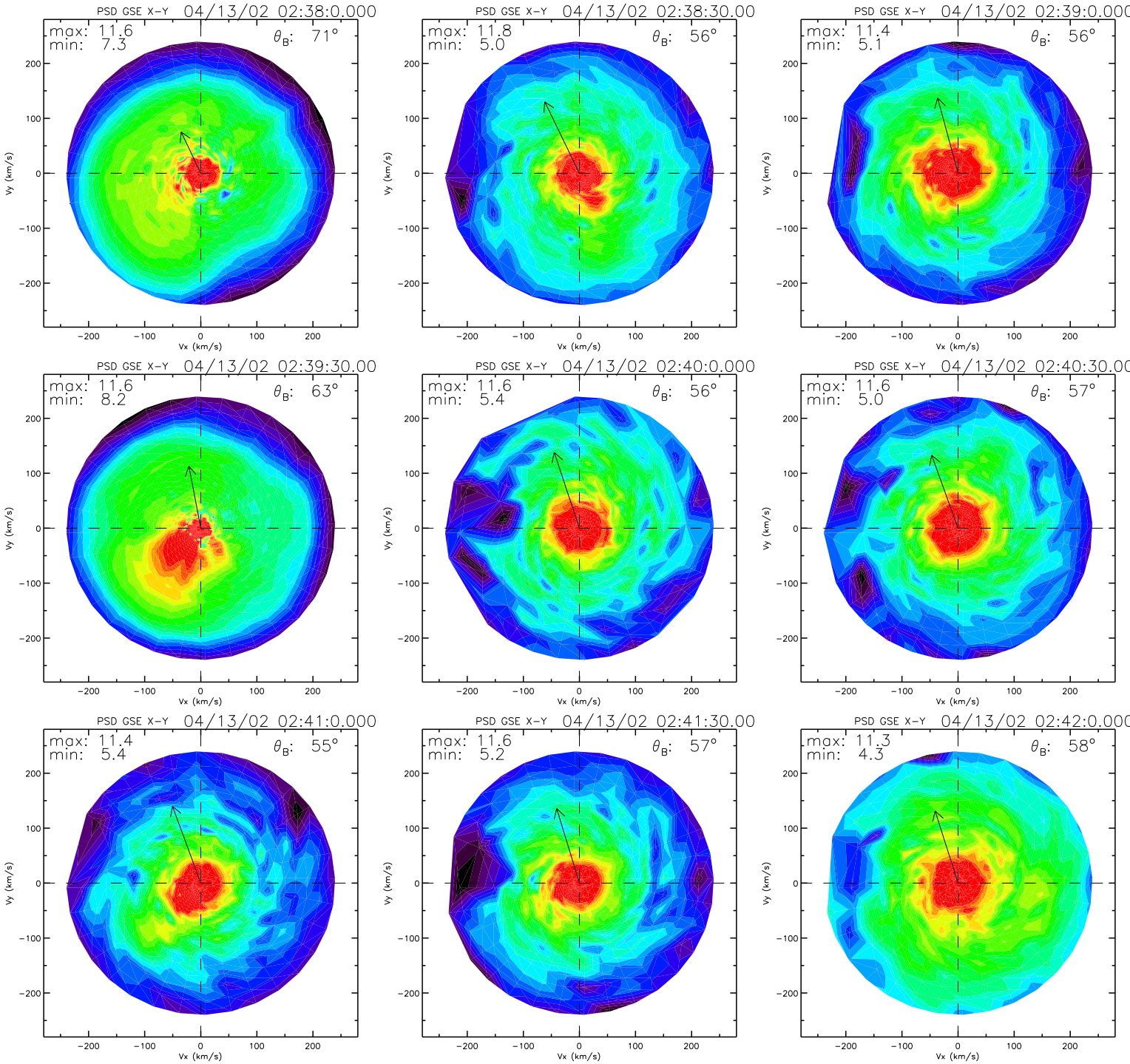

PSD GSE X-Y 04/13/02 02:15:30.00
max: 11.6
min: 5.1
θB: 57°
PSD GSE X-Y 04/13/02 02:16:0.000
max: 11.3
min: 6.2
θB: 61°
PSD GSE X-Y 04/13/02 02:16:30.00
max: 11.4
min: 4.9
θB: 55°
PSD GSE X-Y 04/13/02 02:17:0.000
max: 11.4
min: 7.1
θB: 57°
PSD GSE X-Y 04/13/02 02:17:30.00
max: 11.4
min: 7.1
θB: 58°
PSD GSE X-Y 04/13/02 02:18:0.000
max: 11.9
min: 4.3
θB: 59°
PSD GSE X-Y 04/13/02 02:18:30.00
max: 11.6
min: 5.2
θB: 55°
PSD GSE X-Y 04/13/02 02:19:0.000
max: 11.3
min: 4.7
θB: 59°
PSD GSE X-Y 04/13/02 02:19:30.00
max: 11.3
min: 4.9
θB: 60°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

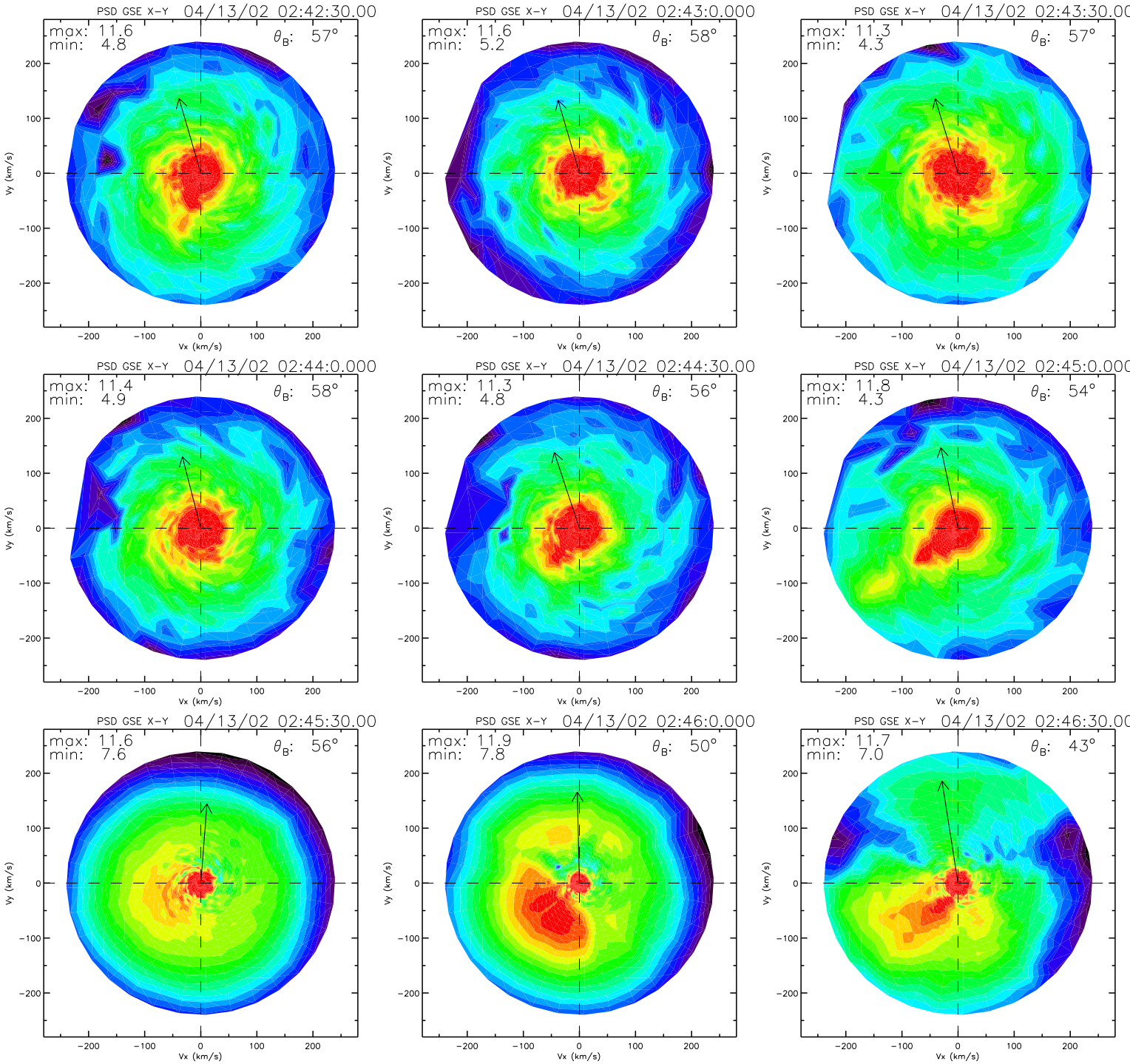

PSD GSE X-Y 04/13/02 02:20:0.000
max: 11.3
min: 5.0
θB: 59°
PSD GSE X-Y 04/13/02 02:20:30.00
max: 11.5
min: 4.8
θB: 54°
PSD GSE X-Y 04/13/02 02:21:0.000
max: 11.6
min: 4.0
θB: 56°
PSD GSE X-Y 04/13/02 02:21:30.00
max: 11.4
min: 4.8
θB: 54°
PSD GSE X-Y 04/13/02 02:22:0.000
max: 11.8
min: 5.0
θB: 56°
PSD GSE X-Y 04/13/02 02:22:30.00
max: 11.6
min: 6.1
θB: 55°
PSD GSE X-Y 04/13/02 02:23:0.000
max: 11.4
min: 6.6
θB: 43°
PSD GSE X-Y 04/13/02 02:23:30.00
max: 11.9
min: 8.1
θB: 48°
PSD GSE X-Y 04/13/02 02:24:0.000
max: 11.9
min: 7.7
θB: 43°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

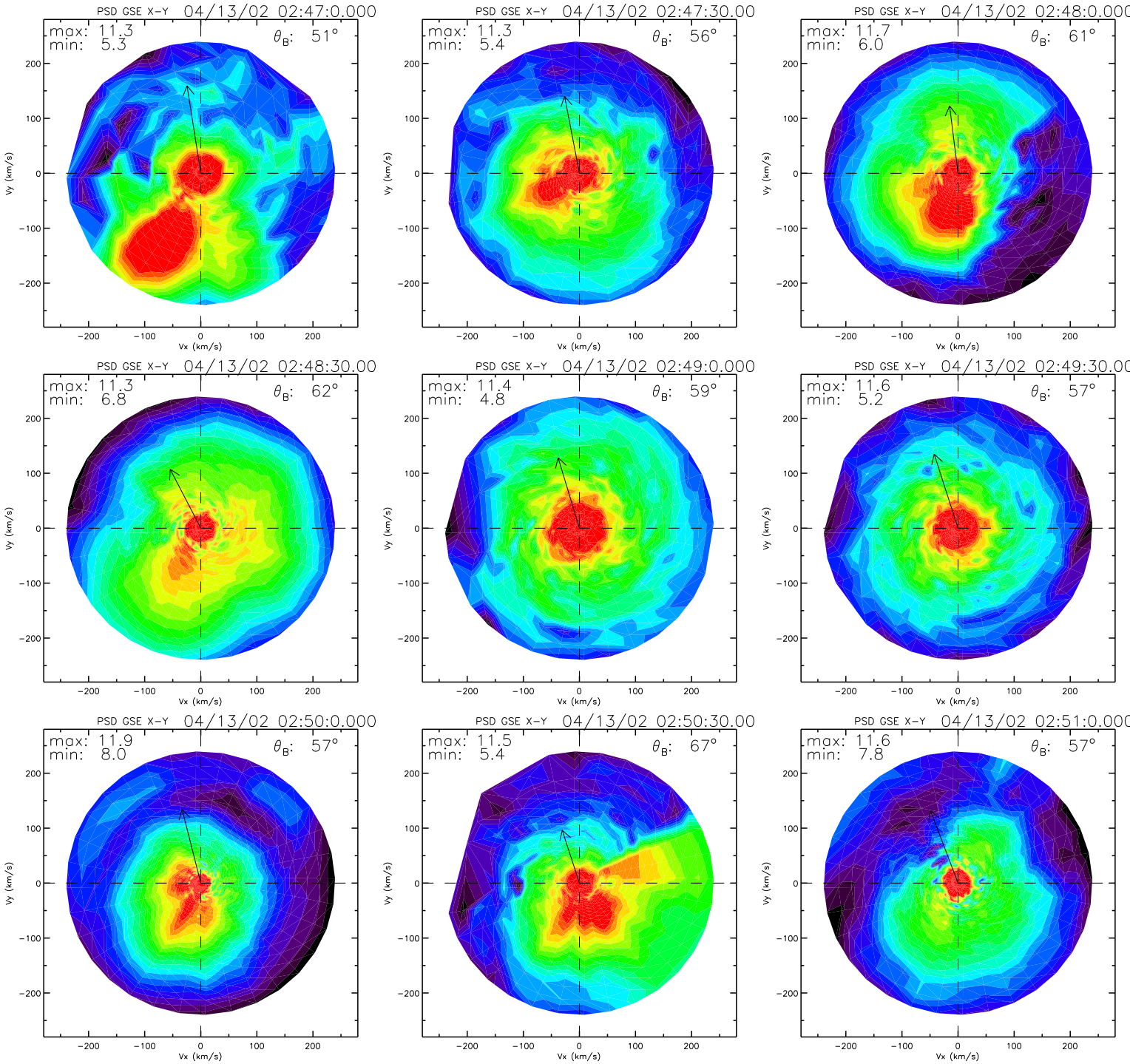

PSD GSE X-Y 04/13/02 02:24:30.00
max: 11.8
min: 8.3
θ_B: 44°
PSD GSE X-Y 04/13/02 02:25:0.000
max: 11.8
min: 7.9
θ_B: 45°
PSD GSE X-Y 04/13/02 02:25:30.00
max: 11.3
min: 6.5
θ_B: 50°
PSD GSE X-Y 04/13/02 02:26:0.000
max: 11.6
min: 7.8
θ_B: 64°
PSD GSE X-Y 04/13/02 02:26:30.00
max: 11.8
min: 8.0
θ_B: 62°
PSD GSE X-Y 04/13/02 02:27:0.000
max: 11.3
min: 7.4
θ_B: 61°
PSD GSE X-Y 04/13/02 02:27:30.00
max: 11.6
min: 7.5
θ_B: 65°
PSD GSE X-Y 04/13/02 02:28:0.000
max: 11.8
min: 7.3
θ_B: 57°
PSD GSE X-Y 04/13/02 02:28:30.00
max: 11.6
min: 6.9
θ_B: 55°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200

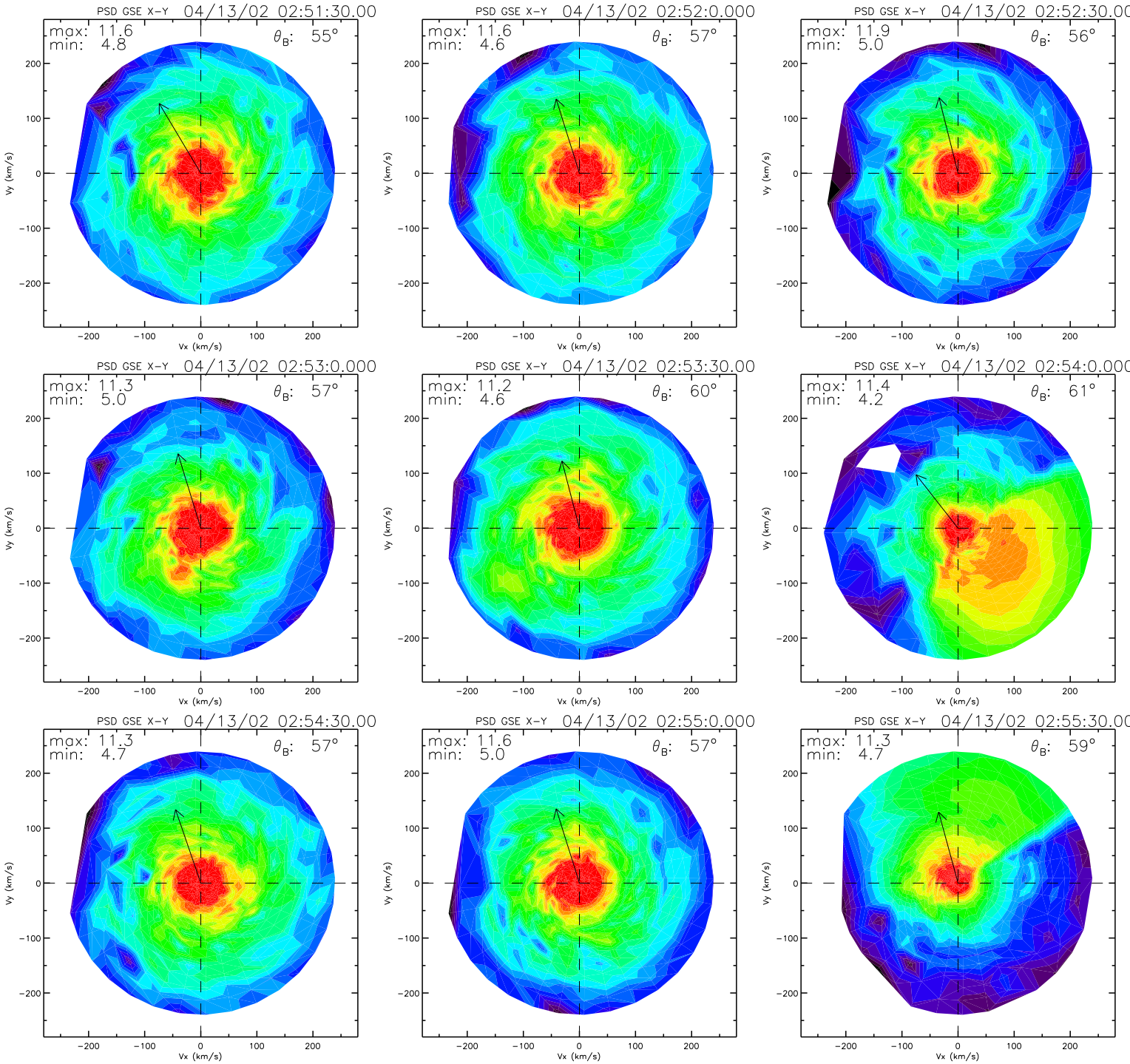

PSD GSE X-Y 04/13/02 02:29:0.000
max: 11.4
min: 5.5
θB: 51°
PSD GSE X-Y 04/13/02 02:29:30.00
max: 11.6
min: 7.4
θB: 53°
PSD GSE X-Y 04/13/02 02:30:0.000
max: 11.3
min: 5.2
θB: 53°
PSD GSE X-Y 04/13/02 02:30:30.00
max: 11.6
min: 5.2
θB: 57°
PSD GSE X-Y 04/13/02 02:31:0.000
max: 11.3
min: 4.3
θB: 59°
PSD GSE X-Y 04/13/02 02:31:30.00
max: 11.6
min: 5.6
θB: 58°
PSD GSE X-Y 04/13/02 02:32:0.000
max: 11.6
min: 5.9
θB: 52°
PSD GSE X-Y 04/13/02 02:32:30.00
max: 11.4
min: 4.8
θB: 63°
PSD GSE X-Y 04/13/02 02:33:0.000
max: 11.4
min: 4.9
θB: 58°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200

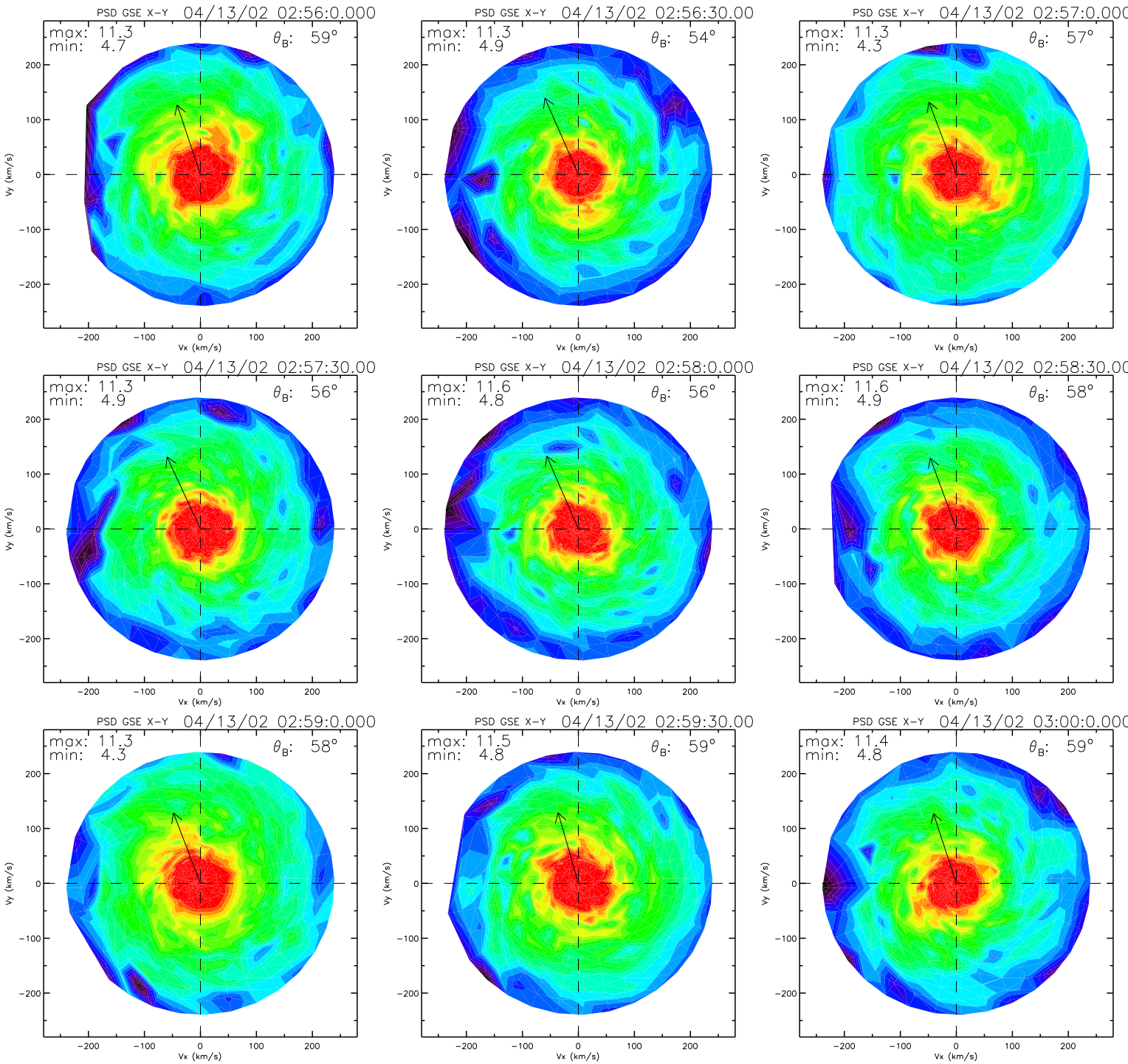

PSD GSE X-Y 04/13/02 02:33:30.00
max: 11.6
min: 6.0
θB: 67°
PSD GSE X-Y 04/13/02 02:34:0.000
max: 11.4
min: 7.0
θB: 57°
PSD GSE X-Y 04/13/02 02:34:30.00
max: 11.6
min: 3.7
θB: 58°
PSD GSE X-Y 04/13/02 02:35:0.000
max: 11.3
min: 4.3
θB: 59°
PSD GSE X-Y 04/13/02 02:35:30.00
max: 11.6
min: 7.5
θB: 59°
PSD GSE X-Y 04/13/02 02:36:0.000
max: 11.6
min: 4.8
θB: 54°
PSD GSE X-Y 04/13/02 02:36:30.00
max: 11.3
min: 4.8
θB: 55°
PSD GSE X-Y 04/13/02 02:37:0.000
max: 11.5
min: 4.8
θB: 63°
PSD GSE X-Y 04/13/02 02:37:30.00
max: 11.4
min: 7.1
θB: 60°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/13/02 02:38:0.000
max: 11.6
min: 7.3
θB: 71°
PSD GSE X-Y 04/13/02 02:38:30.00
max: 11.8
min: 5.0
θB: 56°
PSD GSE X-Y 04/13/02 02:39:0.000
max: 11.4
min: 5.1
θB: 56°
PSD GSE X-Y 04/13/02 02:39:30.00
max: 11.6
min: 8.2
θB: 63°
PSD GSE X-Y 04/13/02 02:40:0.000
max: 11.6
min: 5.4
θB: 56°
PSD GSE X-Y 04/13/02 02:40:30.00
max: 11.6
min: 5.0
θB: 57°
PSD GSE X-Y 04/13/02 02:41:0.000
max: 11.4
min: 5.4
θB: 55°
PSD GSE X-Y 04/13/02 02:41:30.00
max: 11.6
min: 5.2
θB: 57°
PSD GSE X-Y 04/13/02 02:42:0.000
max: 11.3
min: 4.3
θB: 58°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/13/02 02:42:30.00
max: 11.6
min: 4.8
θB: 57°
PSD GSE X-Y 04/13/02 02:43:0.000
max: 11.6
min: 5.2
θB: 58°
PSD GSE X-Y 04/13/02 02:43:30.00
max: 11.3
min: 4.3
θB: 57°
PSD GSE X-Y 04/13/02 02:44:0.000
max: 11.4
min: 4.9
θB: 58°
PSD GSE X-Y 04/13/02 02:44:30.00
max: 11.3
min: 4.8
θB: 56°
PSD GSE X-Y 04/13/02 02:45:0.000
max: 11.8
min: 4.3
θB: 54°
PSD GSE X-Y 04/13/02 02:45:30.00
max: 11.6
min: 7.6
θB: 56°
PSD GSE X-Y 04/13/02 02:46:0.000
max: 11.9
min: 7.8
θB: 50°
PSD GSE X-Y 04/13/02 02:46:30.00
max: 11.7
min: 7.0
θB: 43°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200


PSD GSE X-Y 04/13/02 02:47:0.000
max: 11.3
min: 5.3
θ_B: 51°
PSD GSE X-Y 04/13/02 02:47:30.00
max: 11.3
min: 5.4
θ_B: 56°
PSD GSE X-Y 04/13/02 02:48:0.000
max: 11.7
min: 6.0
θ_B: 61°
PSD GSE X-Y 04/13/02 02:48:30.00
max: 11.3
min: 6.8
θ_B: 62°
PSD GSE X-Y 04/13/02 02:49:0.000
max: 11.4
min: 4.8
θ_B: 59°
PSD GSE X-Y 04/13/02 02:49:30.00
max: 11.6
min: 5.2
θ_B: 57°
PSD GSE X-Y 04/13/02 02:50:0.000
max: 11.9
min: 8.0
θ_B: 57°
PSD GSE X-Y 04/13/02 02:50:30.00
max: 11.5
min: 5.4
θ_B: 67°
PSD GSE X-Y 04/13/02 02:51:0.000
max: 11.6
min: 7.8
θ_B: 57°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200


PSD GSE X-Y 04/13/02 02:51:30.00
max: 11.6
min: 4.8
θB: 55°
PSD GSE X-Y 04/13/02 02:52:0.000
max: 11.6
min: 4.6
θB: 57°
PSD GSE X-Y 04/13/02 02:52:30.00
max: 11.9
min: 5.0
θB: 56°
PSD GSE X-Y 04/13/02 02:53:0.000
max: 11.3
min: 5.0
θB: 57°
PSD GSE X-Y 04/13/02 02:53:30.00
max: 11.2
min: 4.6
θB: 60°
PSD GSE X-Y 04/13/02 02:54:0.000
max: 11.4
min: 4.2
θB: 61°
PSD GSE X-Y 04/13/02 02:54:30.00
max: 11.3
min: 4.7
θB: 57°
PSD GSE X-Y 04/13/02 02:55:0.000
max: 11.6
min: 5.0
θB: 57°
PSD GSE X-Y 04/13/02 02:55:30.00
max: 11.3
min: 4.7
θB: 59°
Vx (km/s)
Vy (km/s)
−200
−100
0
100
200


PSD GSE X-Y 04/13/02 02:56:0.000
max: 11.3
min: 4.7
θB: 59°
PSD GSE X-Y 04/13/02 02:56:30.00
max: 11.3
min: 4.9
θB: 54°
PSD GSE X-Y 04/13/02 02:57:0.000
max: 11.3
min: 4.3
θB: 57°
PSD GSE X-Y 04/13/02 02:57:30.00
max: 11.3
min: 4.9
θB: 56°
PSD GSE X-Y 04/13/02 02:58:0.000
max: 11.6
min: 4.8
θB: 56°
PSD GSE X-Y 04/13/02 02:58:30.00
max: 11.6
min: 4.9
θB: 58°
PSD GSE X-Y 04/13/02 02:59:0.000
max: 11.3
min: 4.3
θB: 58°
PSD GSE X-Y 04/13/02 02:59:30.00
max: 11.5
min: 4.8
θB: 59°
PSD GSE X-Y 04/13/02 03:00:0.000
max: 11.4
min: 4.8
θB: 59°
Vx (km/s)
Vy (km/s)
200
100
0
−100
−200