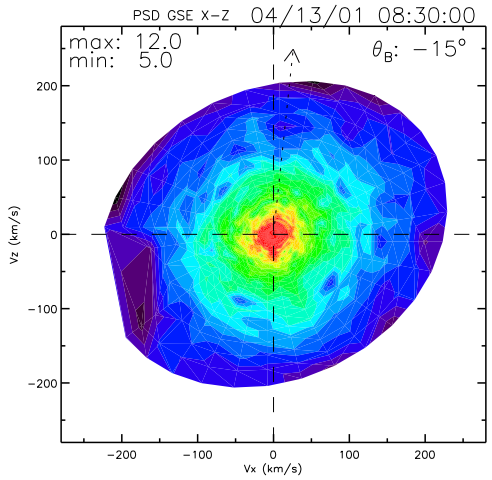
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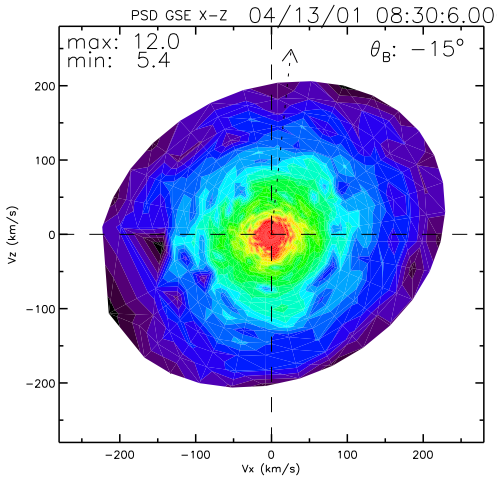
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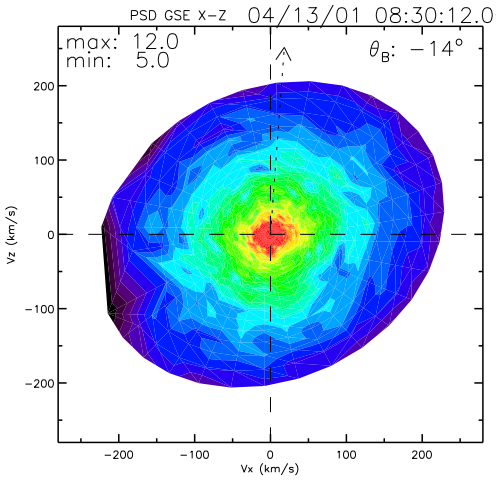
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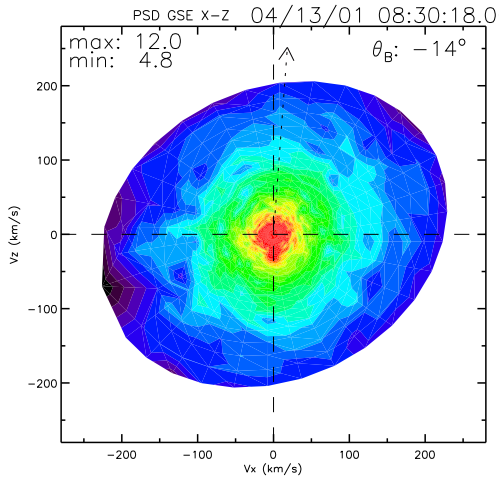
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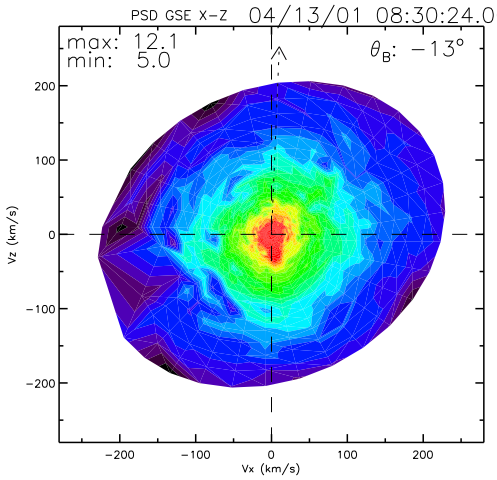
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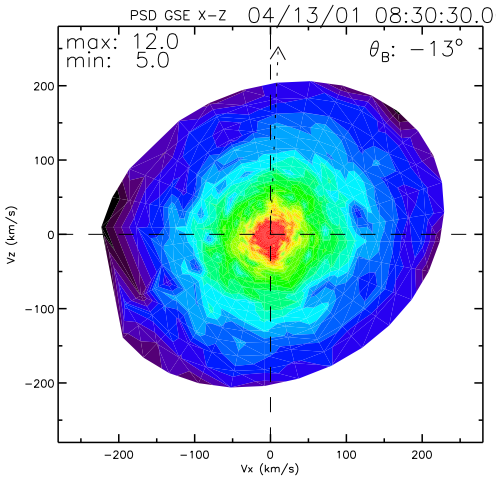
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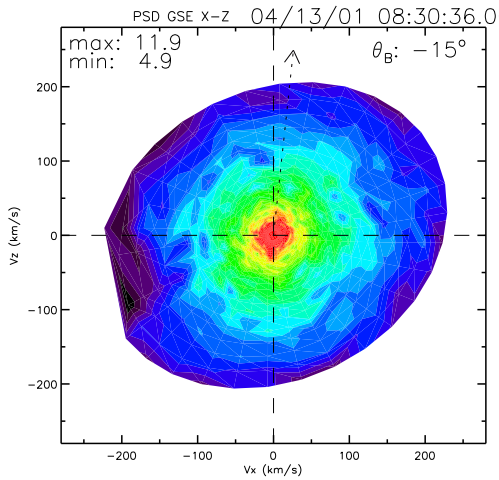
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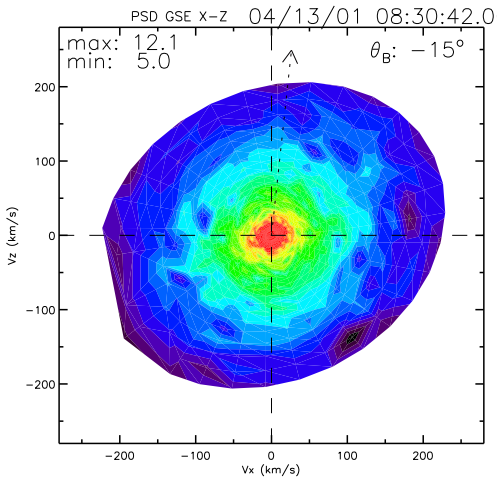
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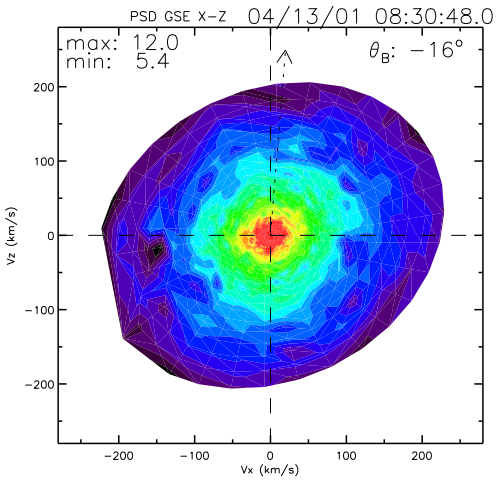
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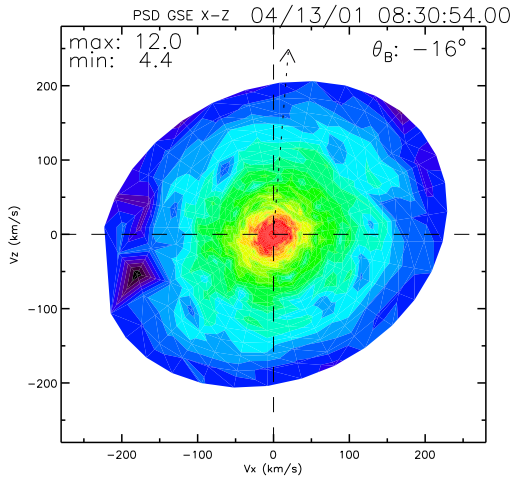
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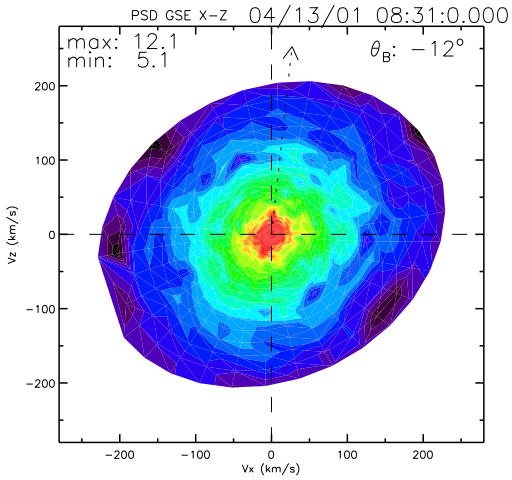
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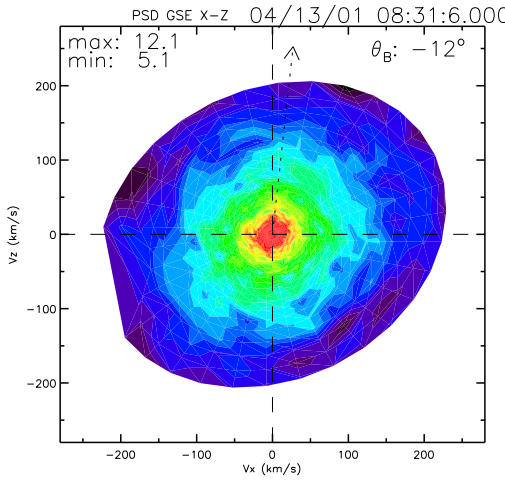
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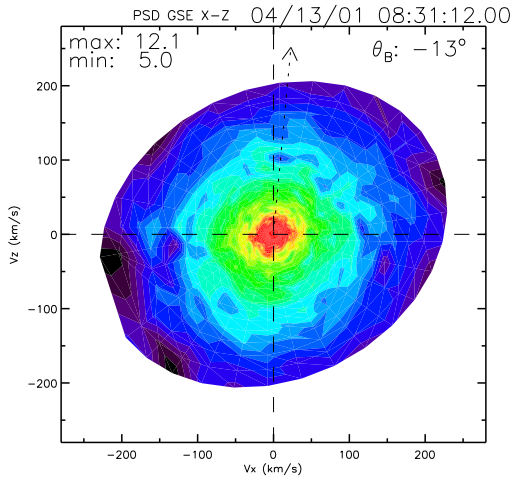
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Vz (km/s)
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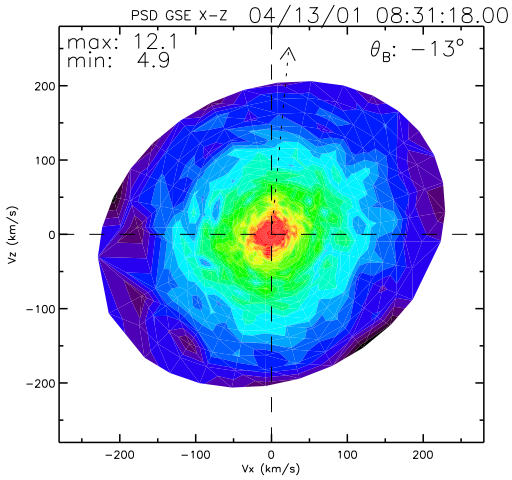
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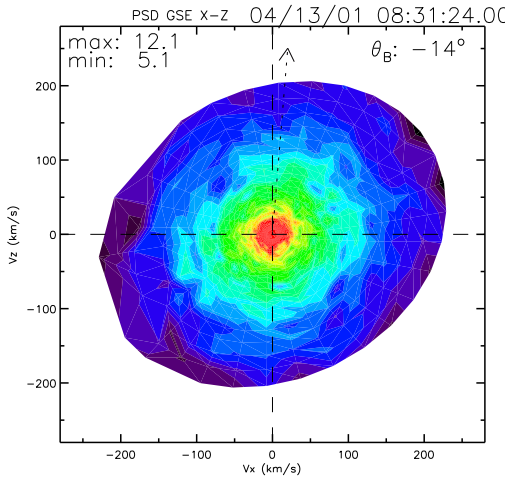
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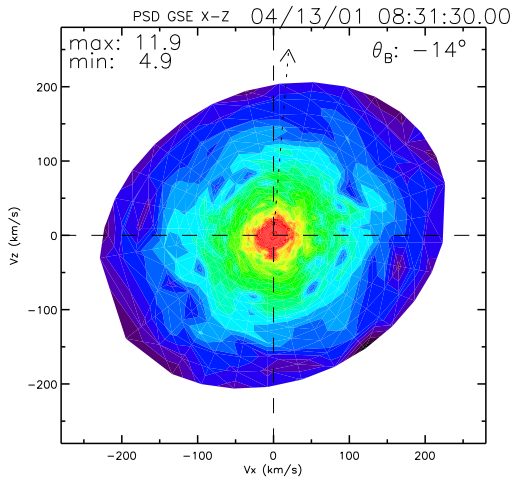
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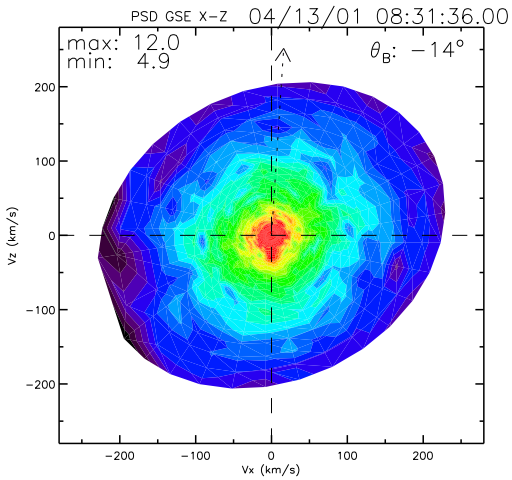
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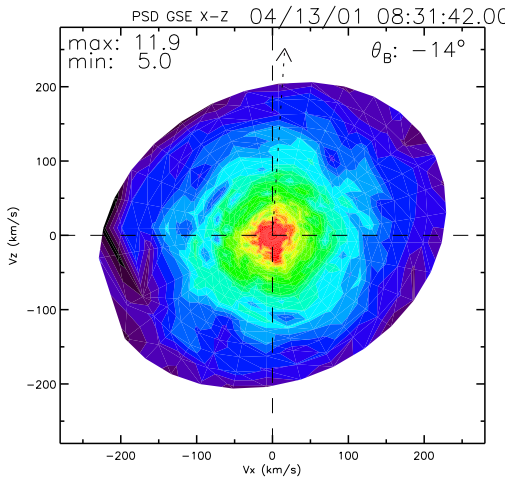
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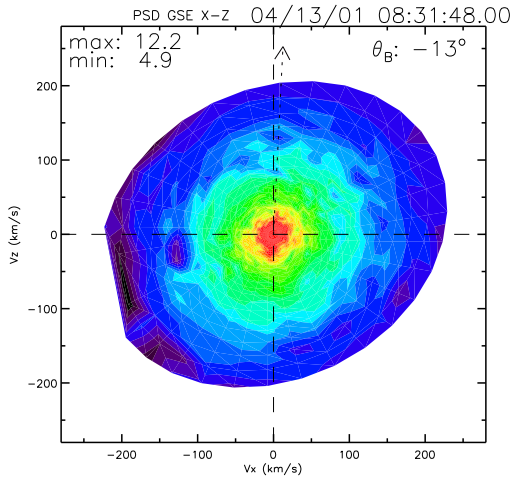
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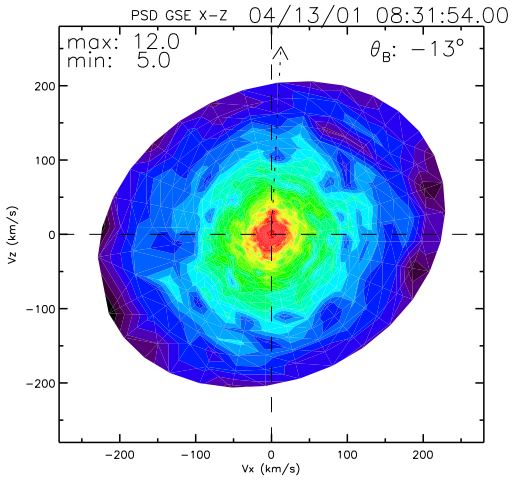
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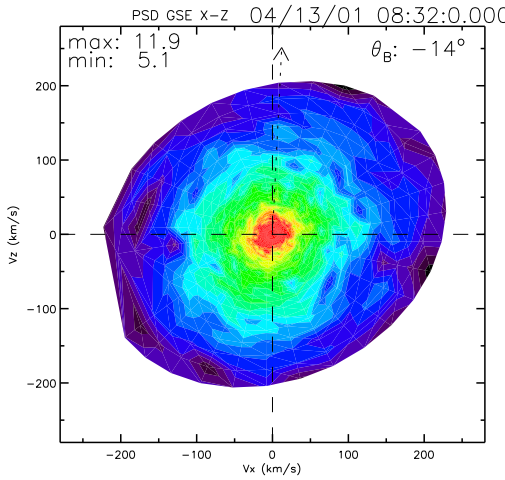
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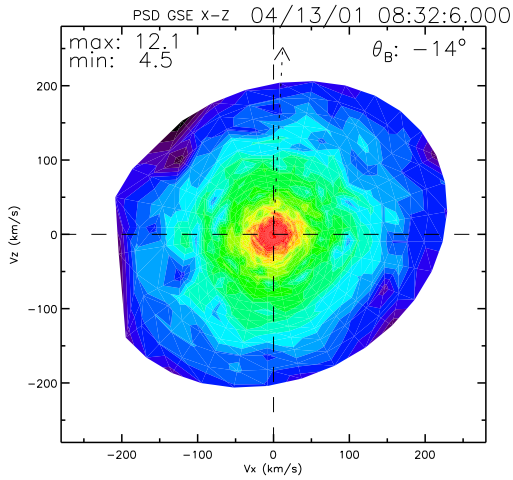
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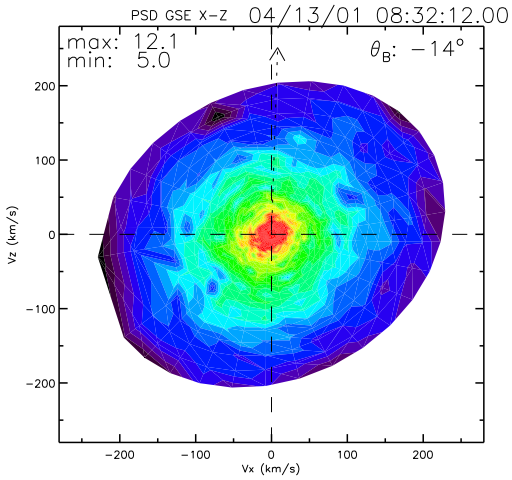
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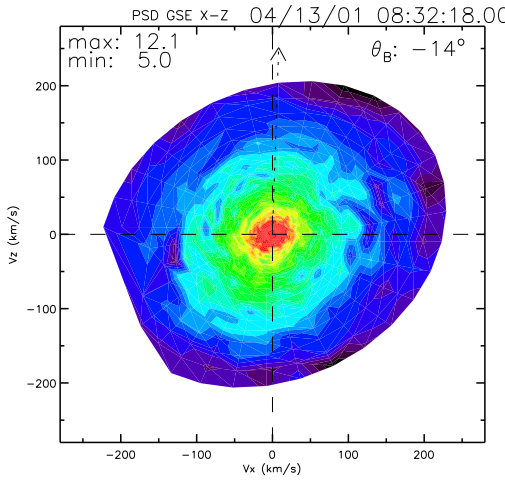
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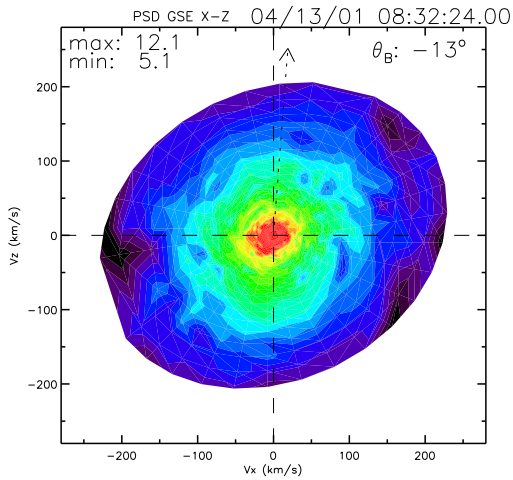
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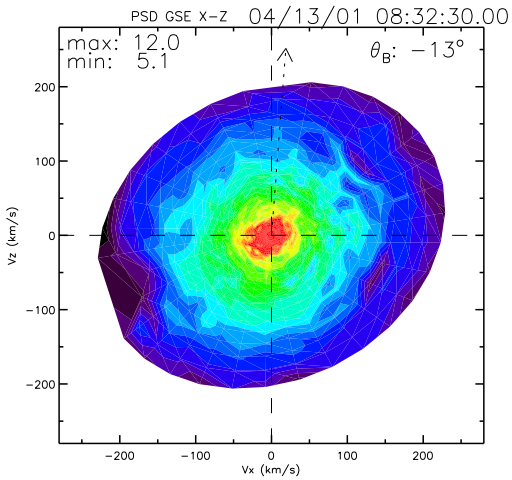
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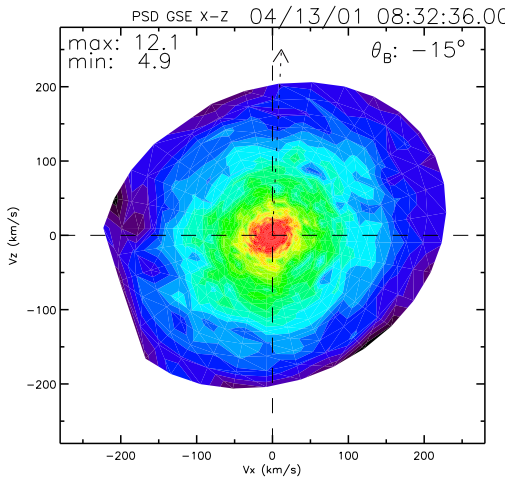
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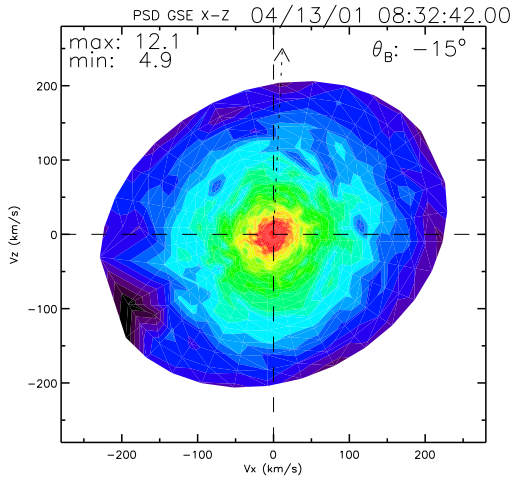
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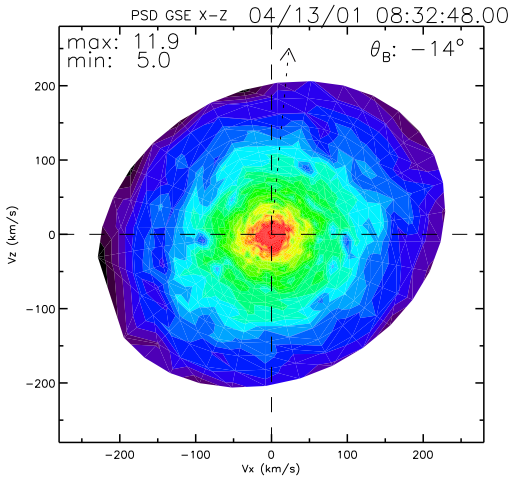
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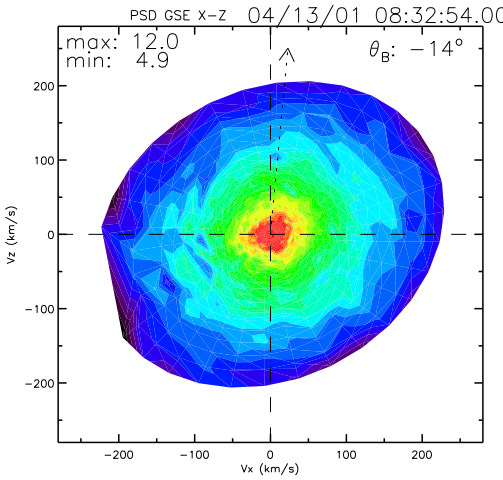
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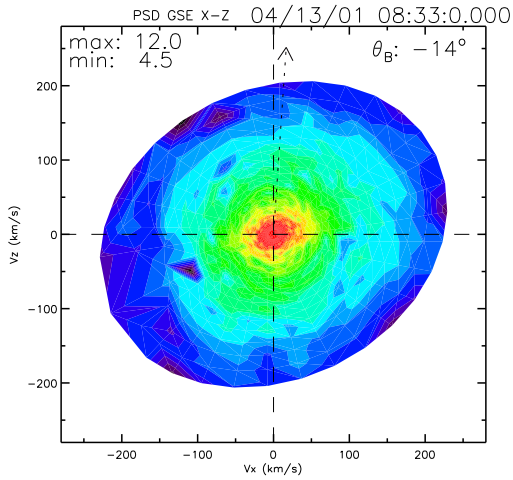
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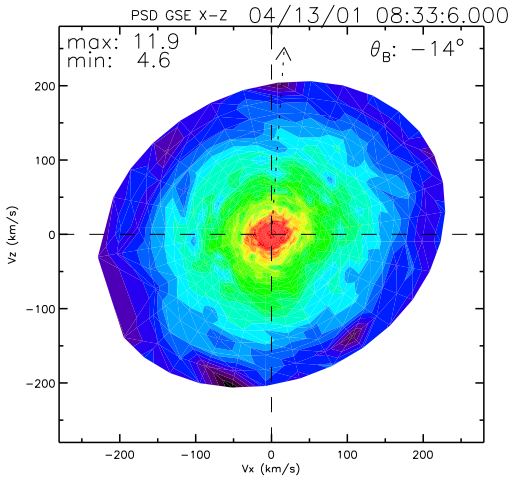
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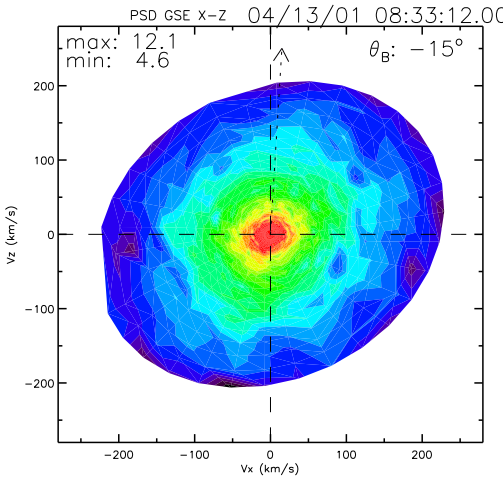
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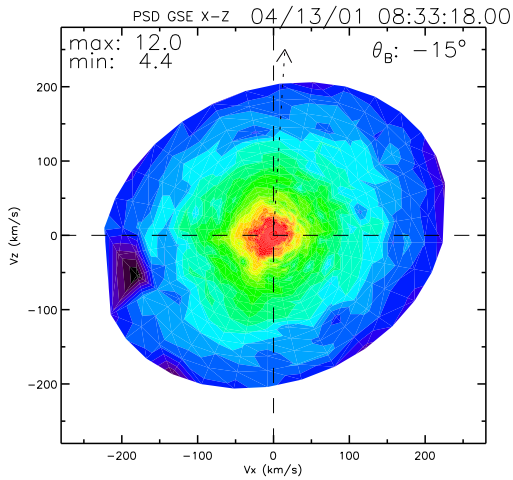
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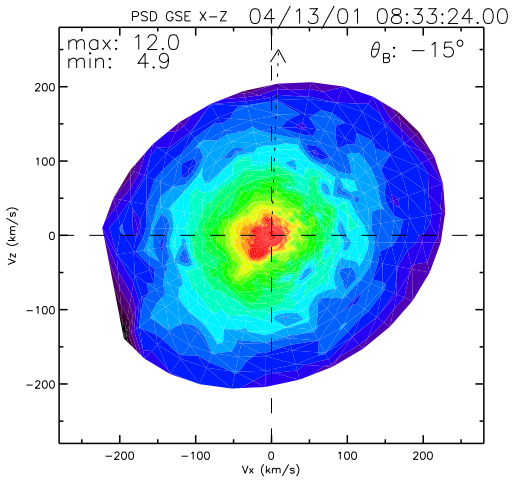
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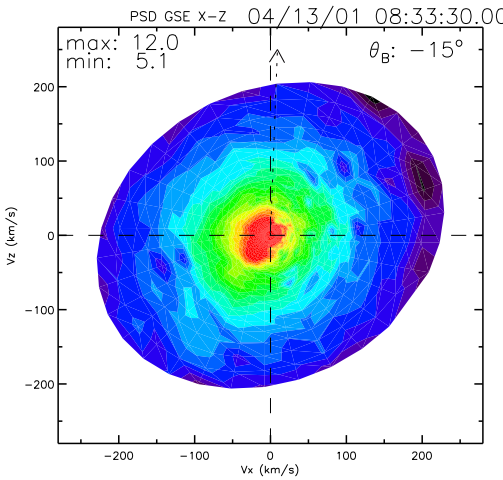
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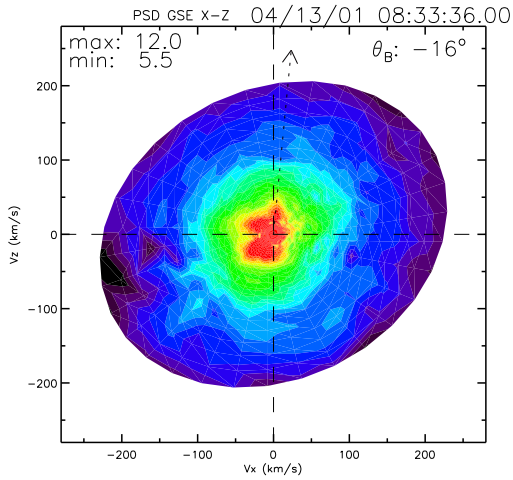
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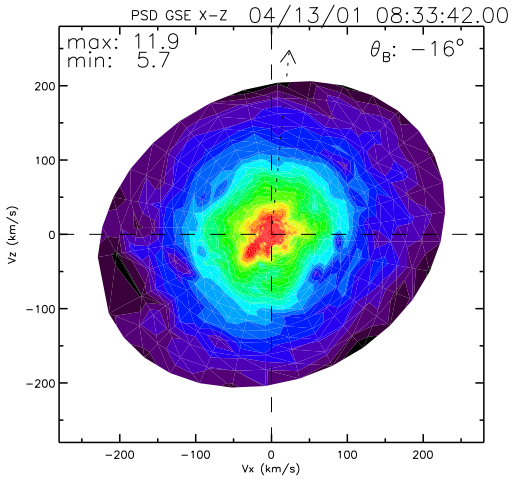
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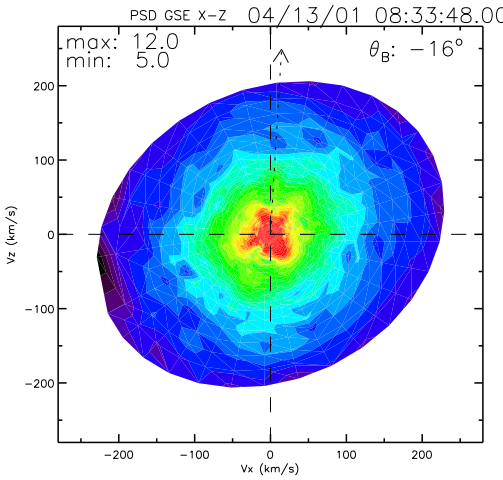
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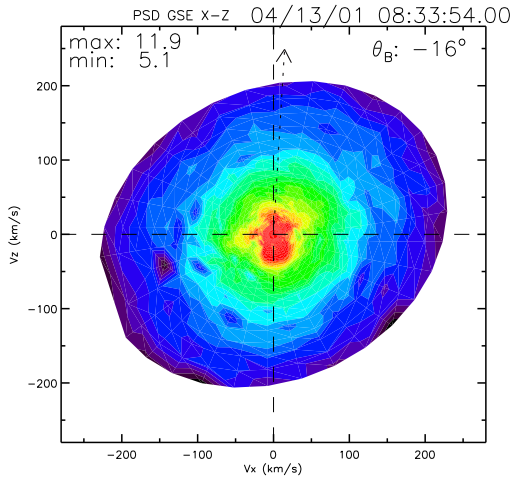
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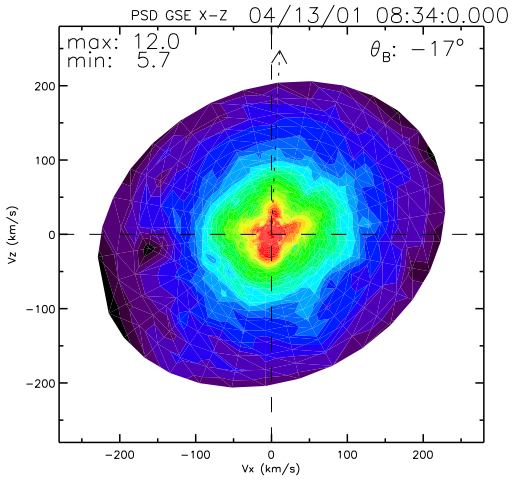
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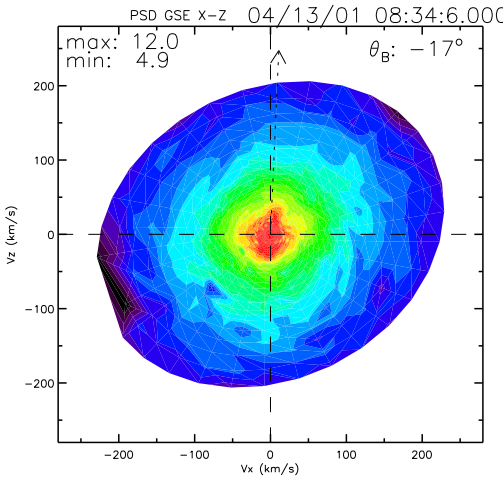
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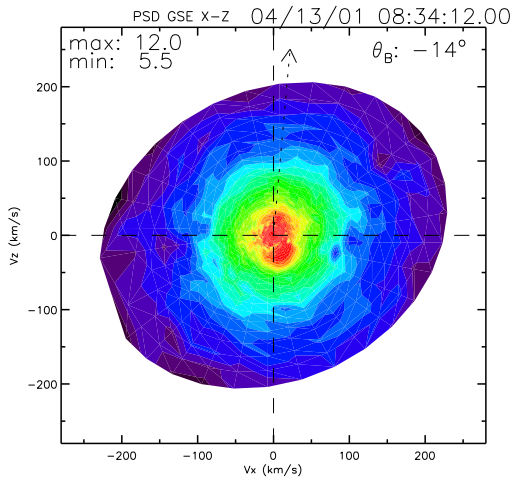
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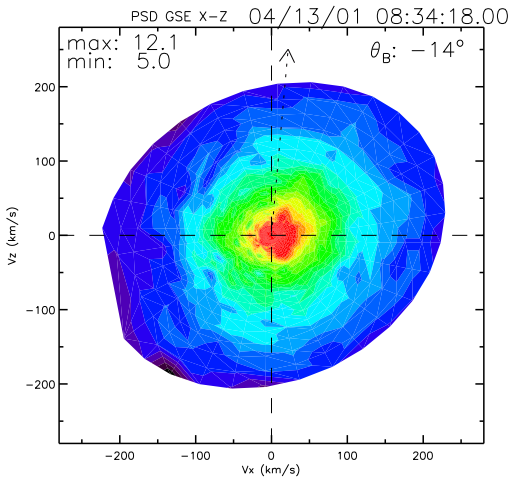
Vx (km/s)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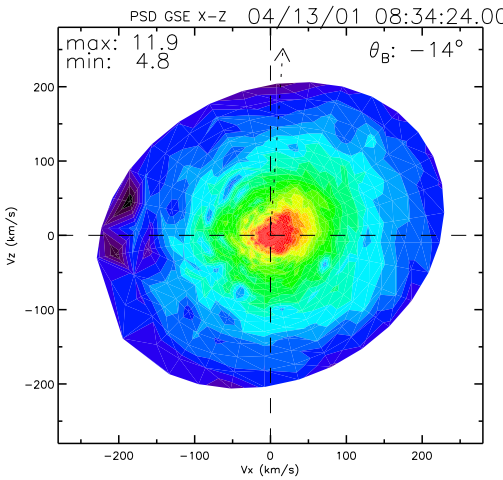
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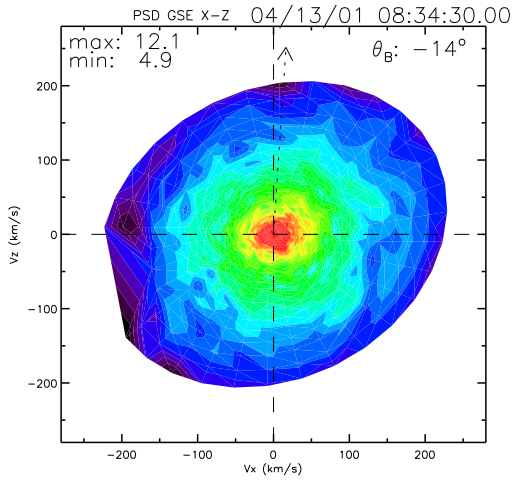
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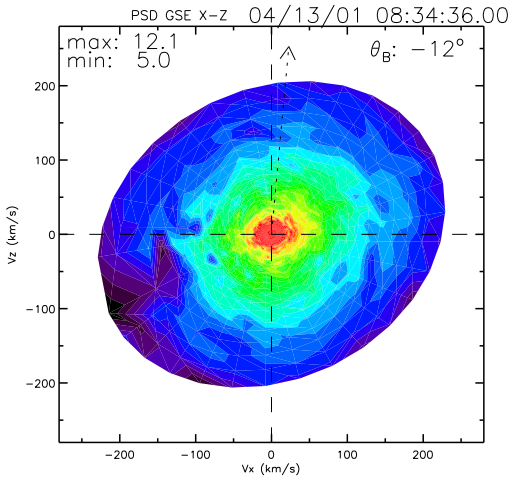
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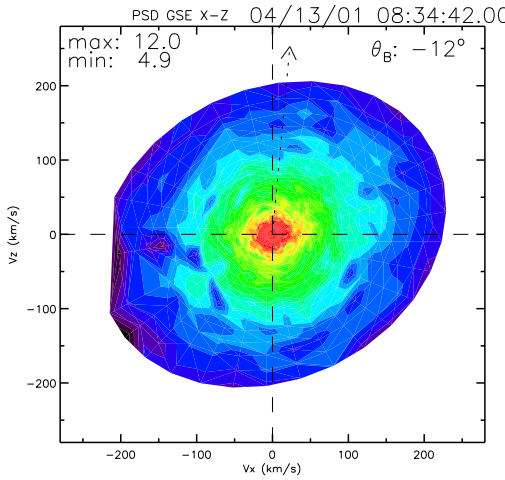
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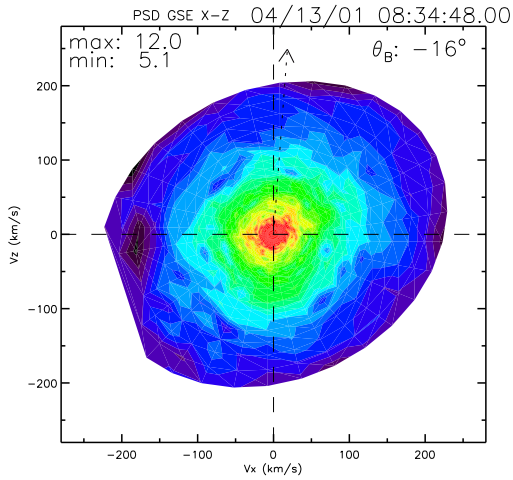
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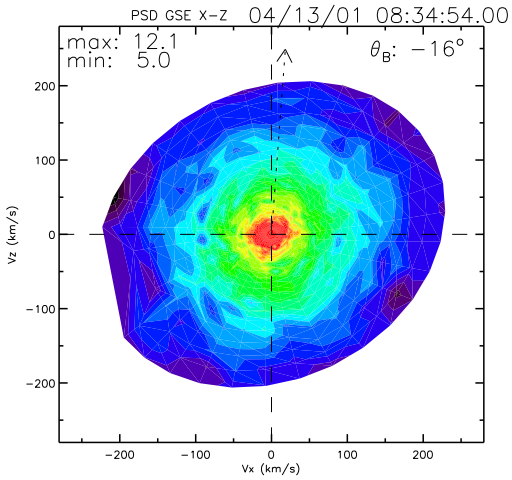
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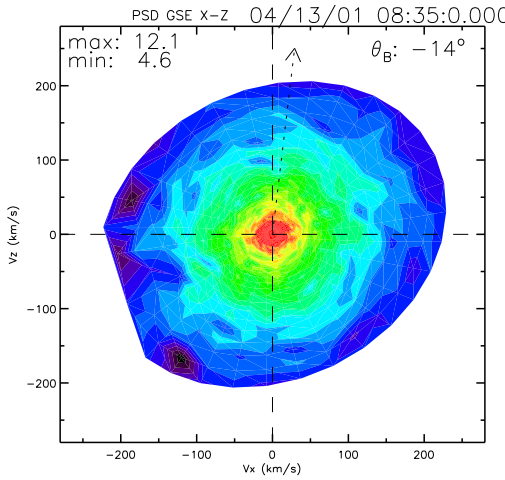
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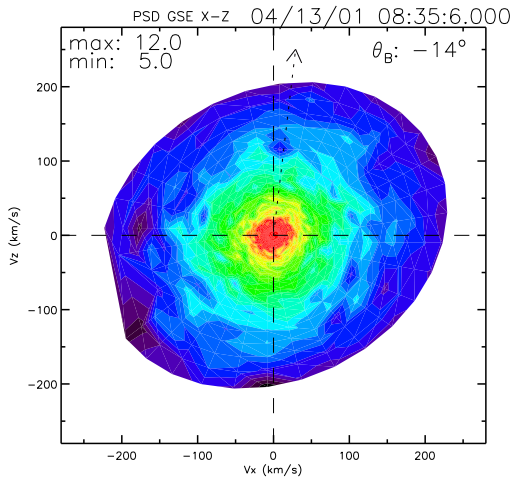
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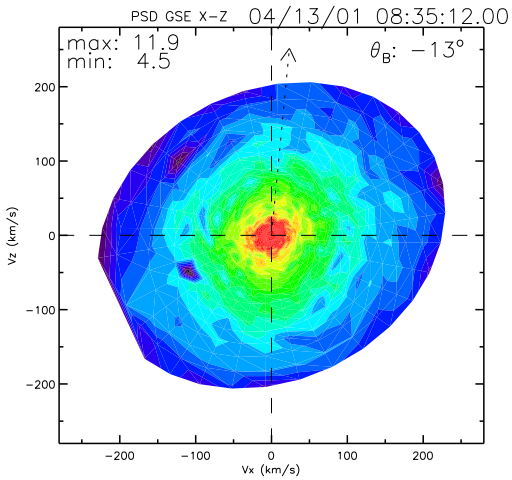
Vx (km/s)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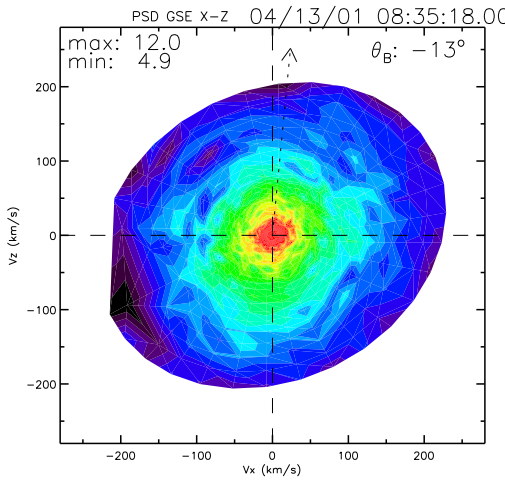
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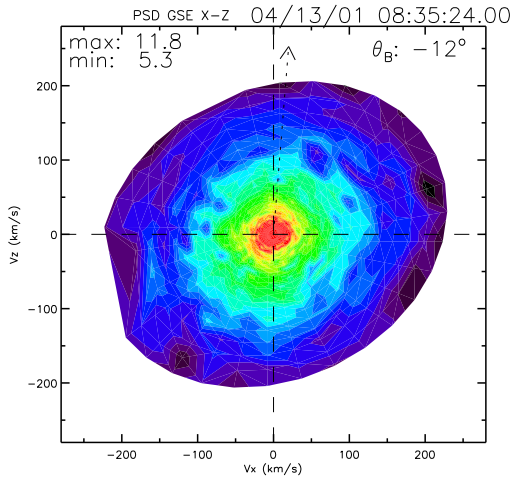
Vx (km/s)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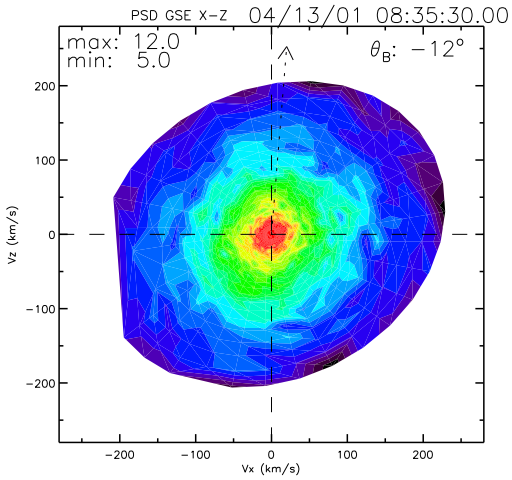
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Vz (km/s)
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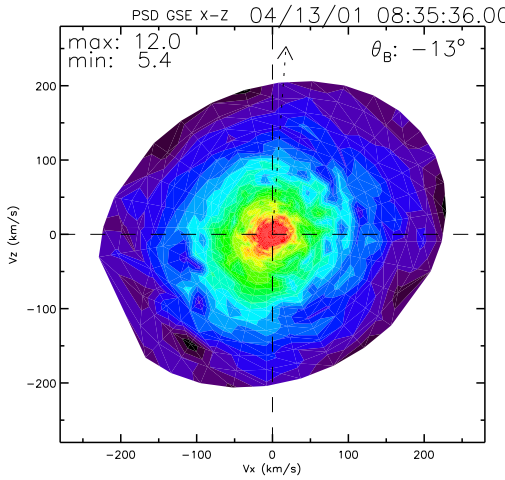
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Vz (km/s)
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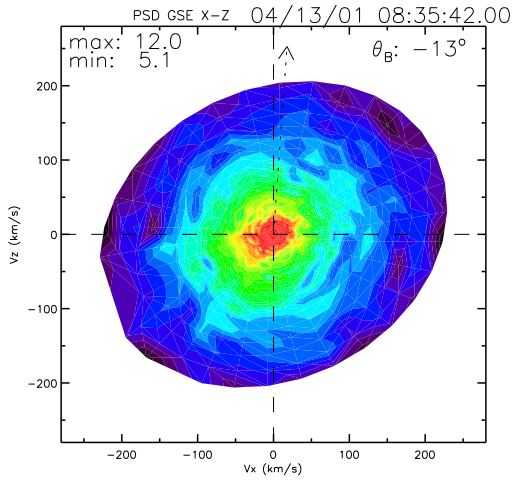
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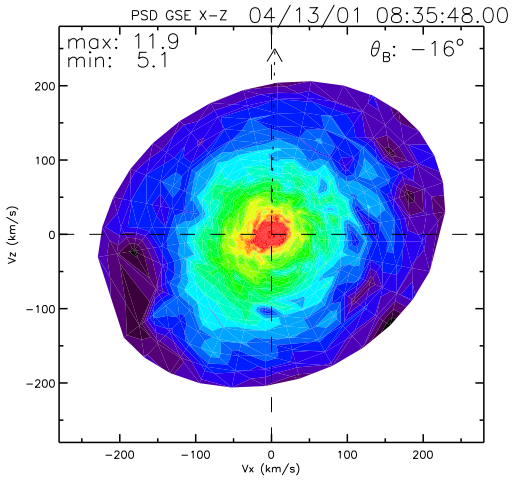
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Vz (km/s)
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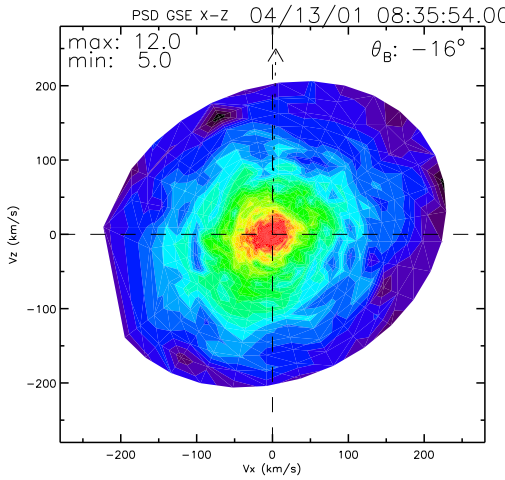
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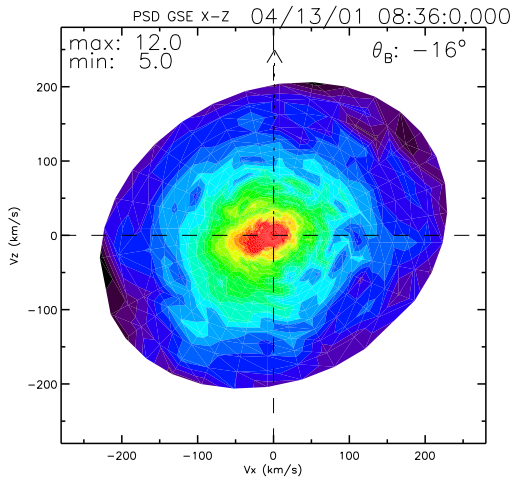
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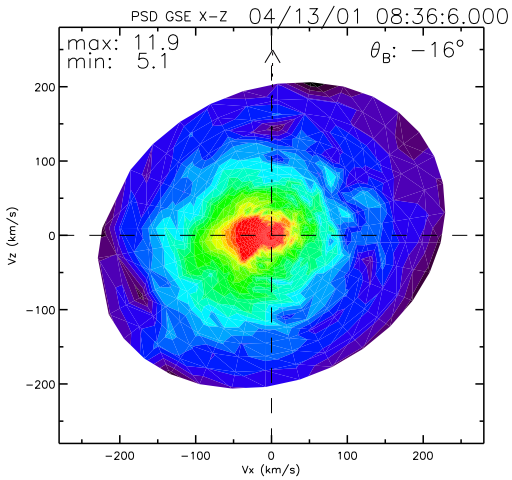
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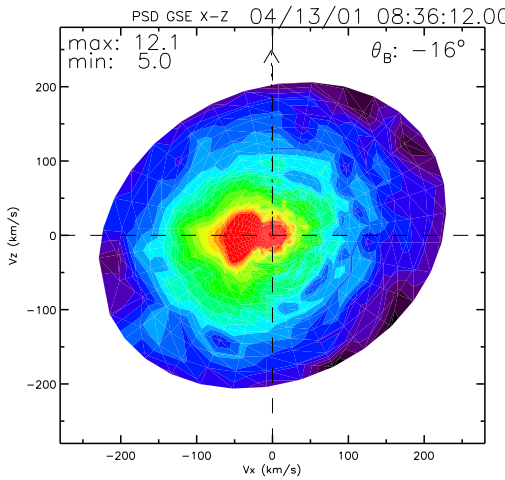
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Vz (km/s)
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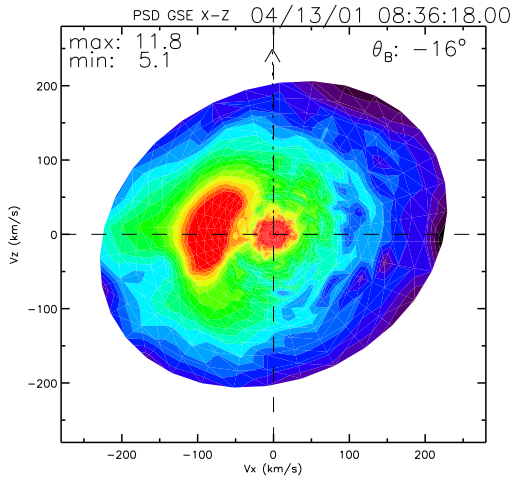
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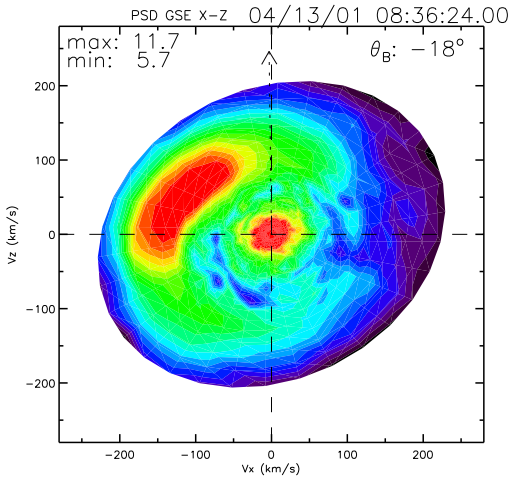
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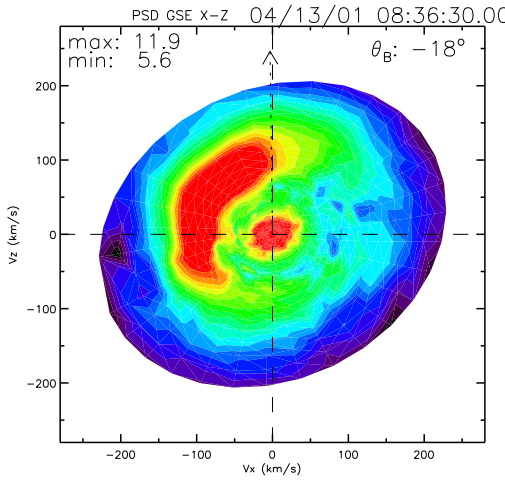
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Vz (km/s)
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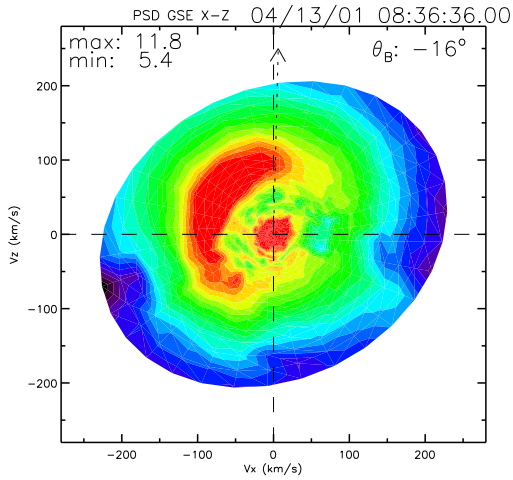
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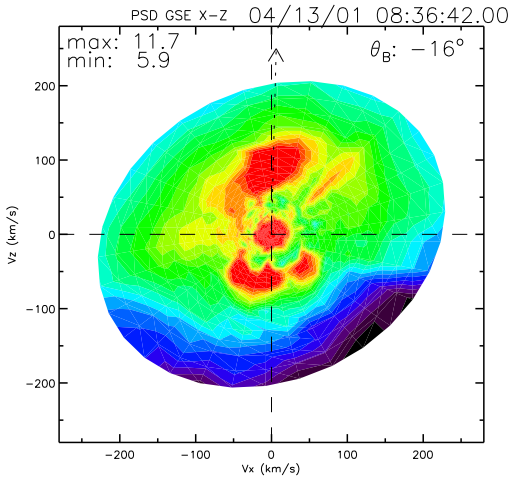
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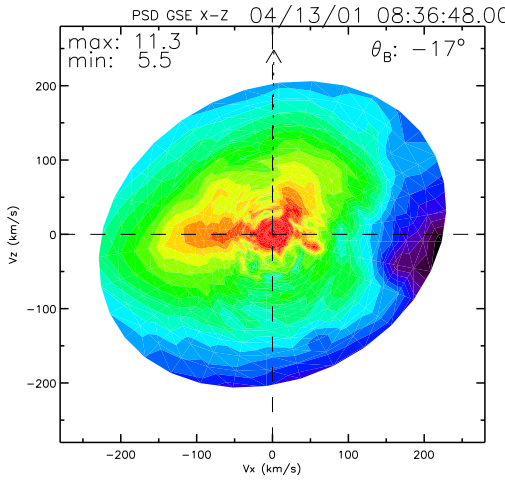
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Vz (km/s)
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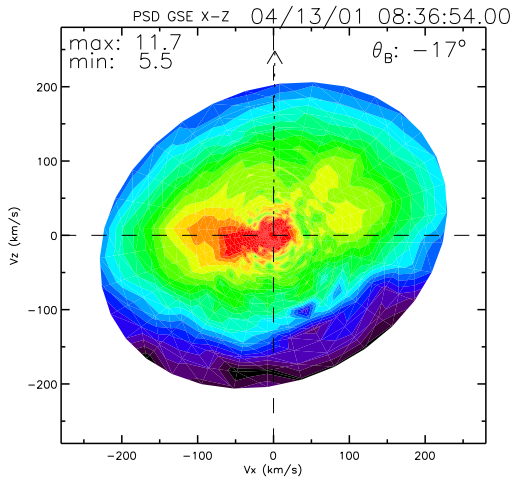
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Vz (km/s)
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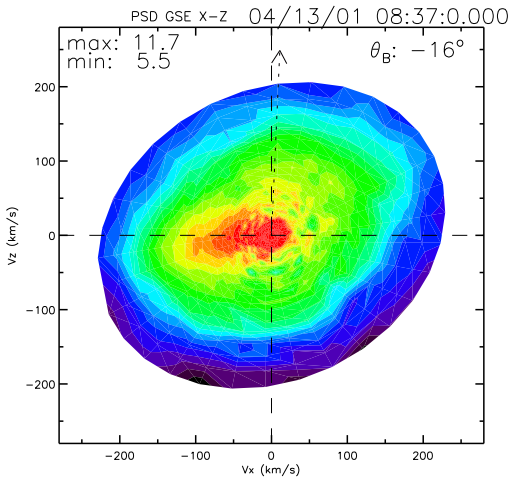
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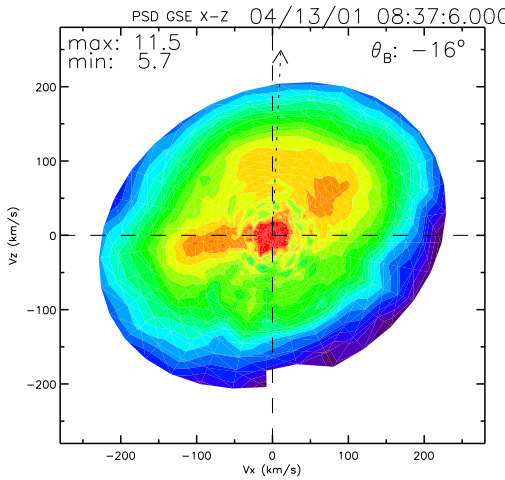
Vz (km/s)
Vx (km/s)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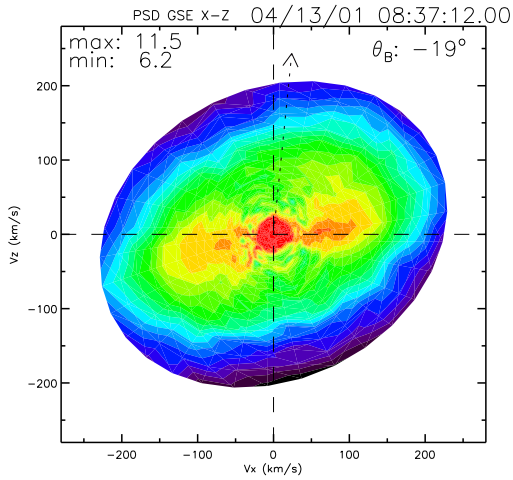
Vz (km/s)
Vx (km/s)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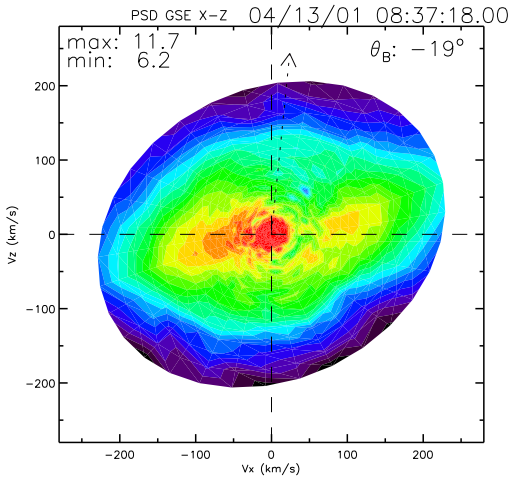
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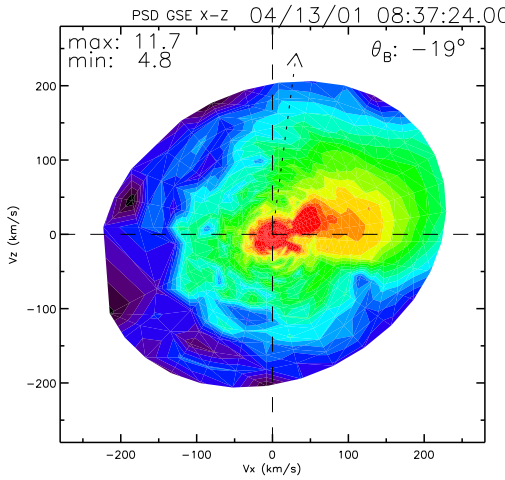
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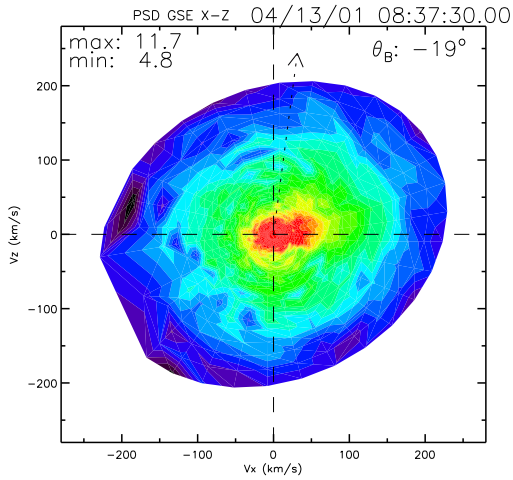
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Vz (km/s)
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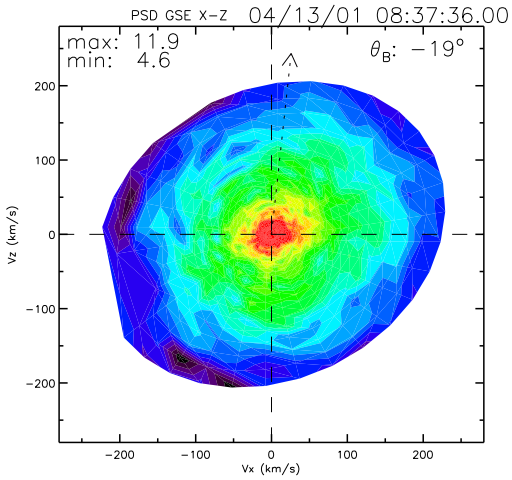
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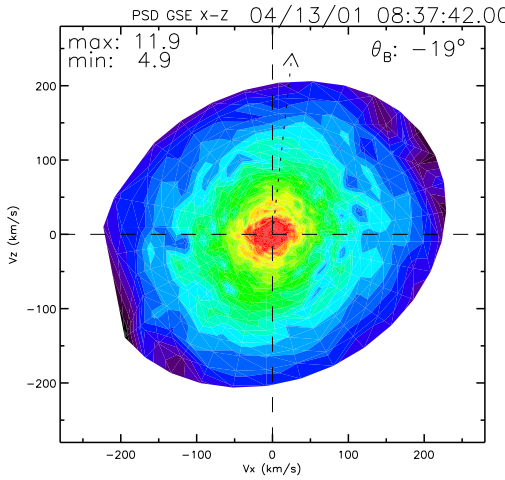
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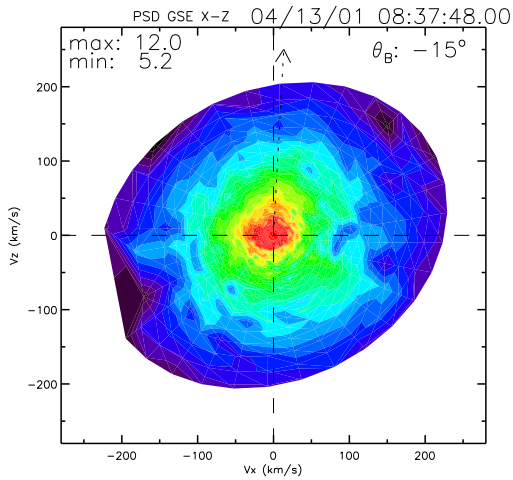
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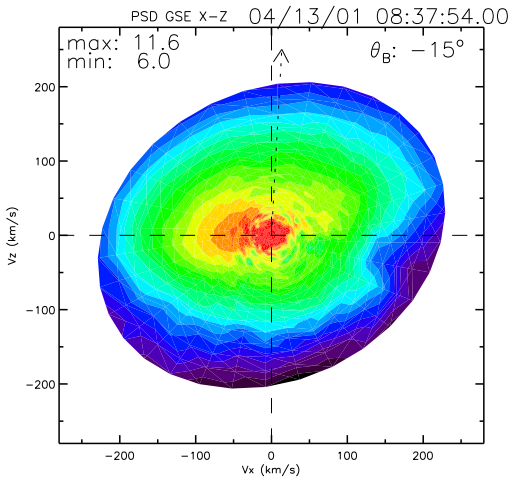
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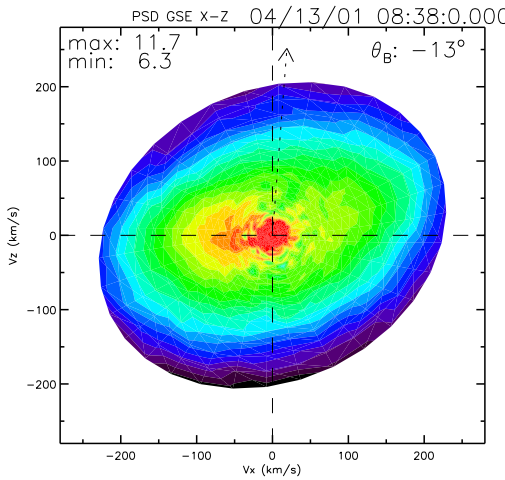
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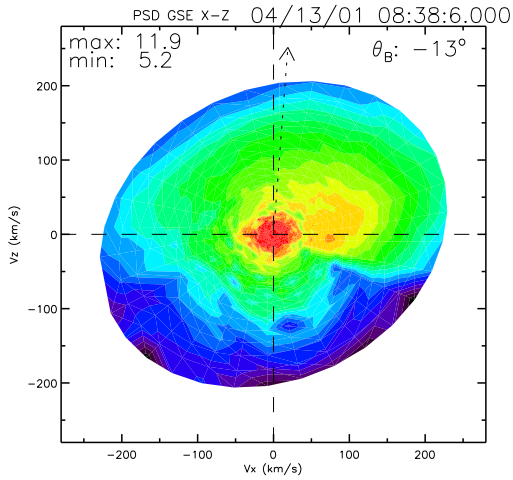
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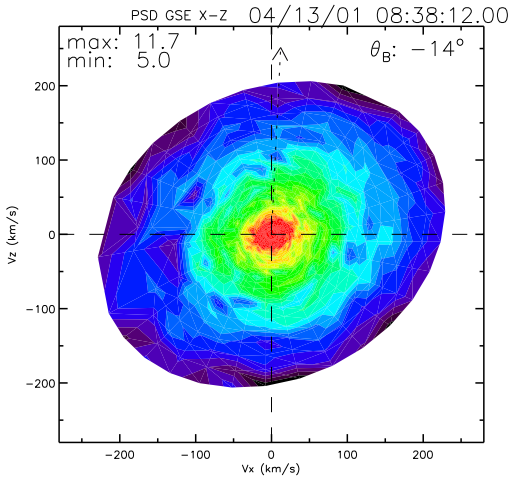
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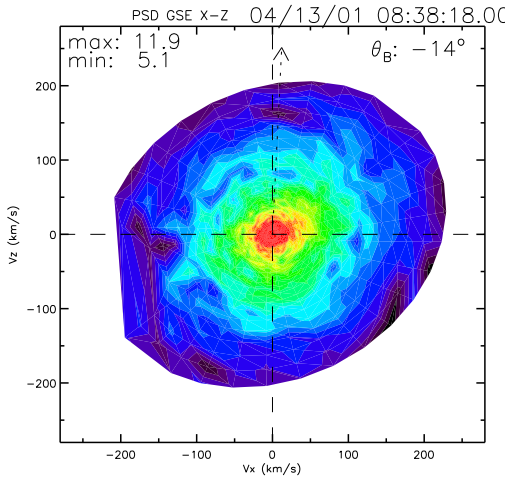
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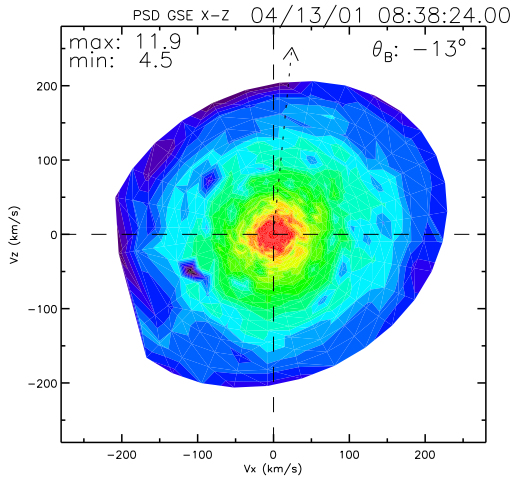
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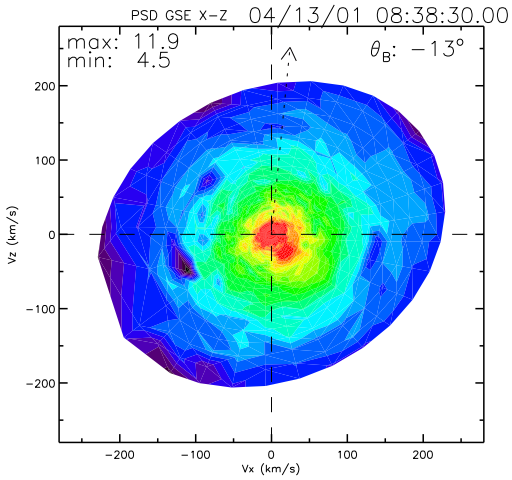
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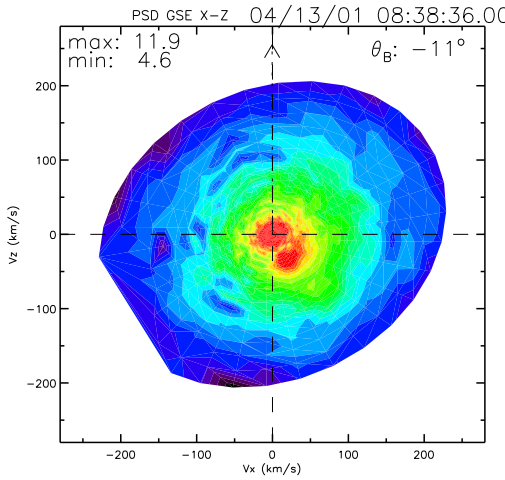
min: 4.5
θ_B: −13°
Vz (km/s)
Vx (km/s)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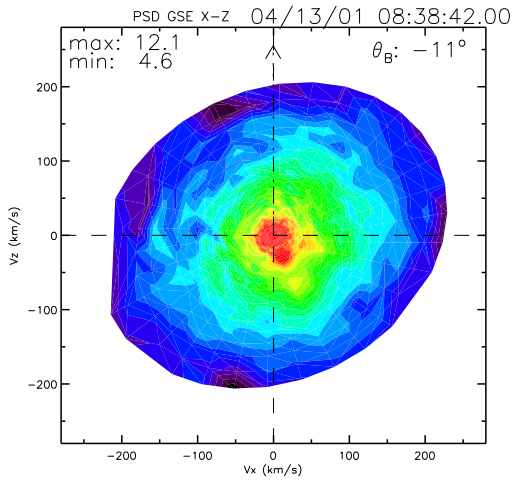
min: 4.6
θ_B: −11°
Vz (km/s)
Vx (km/s)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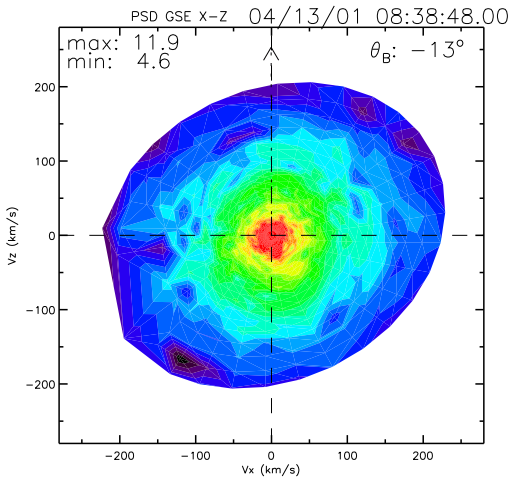
Vz (km/s)
Vx (km/s)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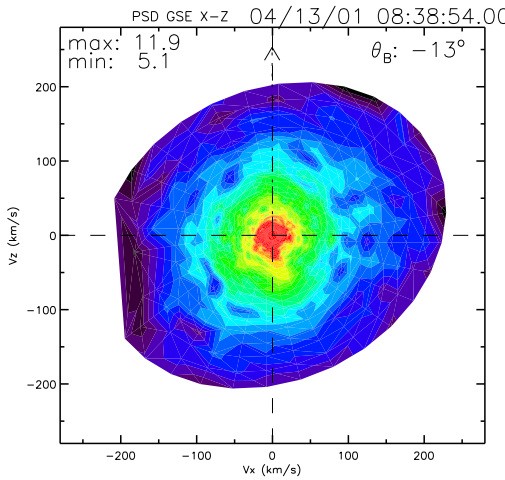
θ_B: −13°
Vz (km/s)
Vx (km/s)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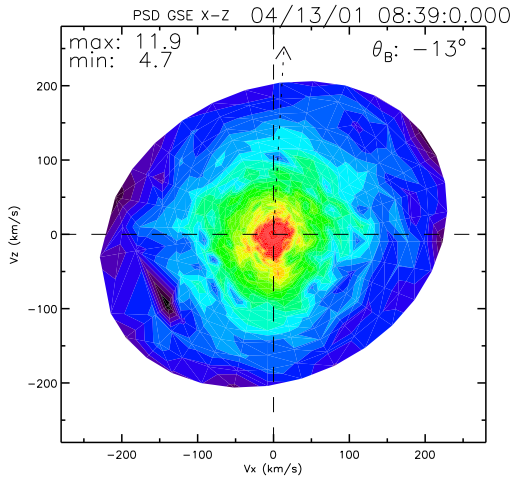
Vz (km/s)
Vx (km/s)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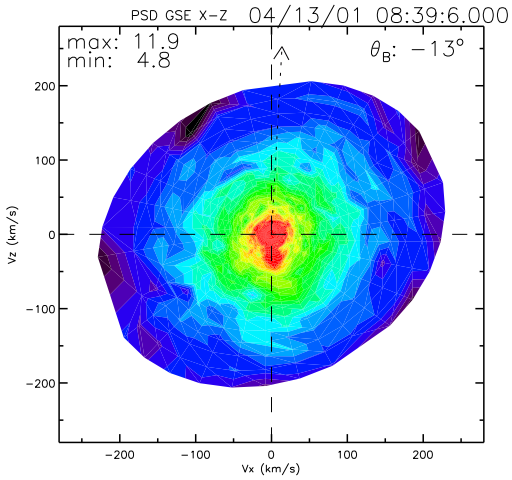
θ_B: −13°
Vz (km/s)
Vx (km/s)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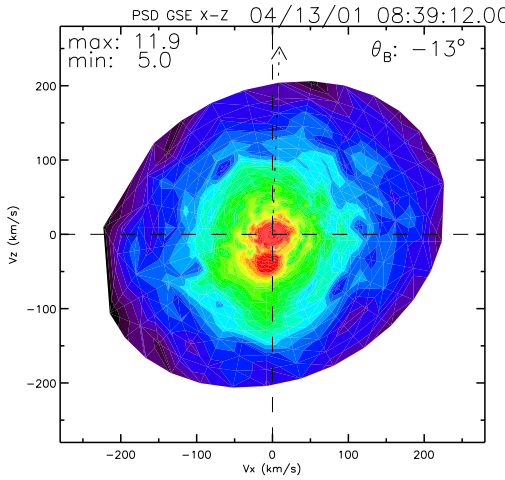
θ_B: −13°
Vz (km/s)
Vx (km/s)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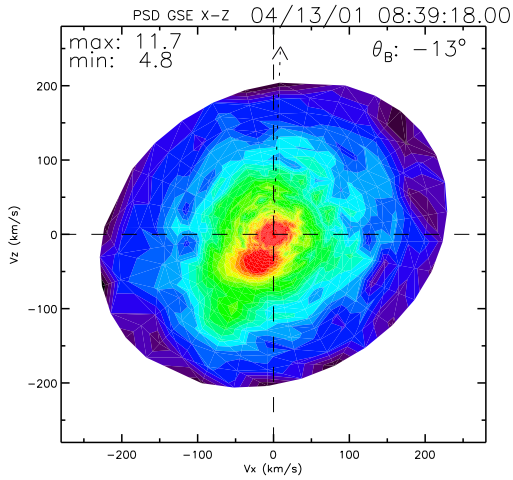
θ_B: −13°
Vz (km/s)
Vx (km/s)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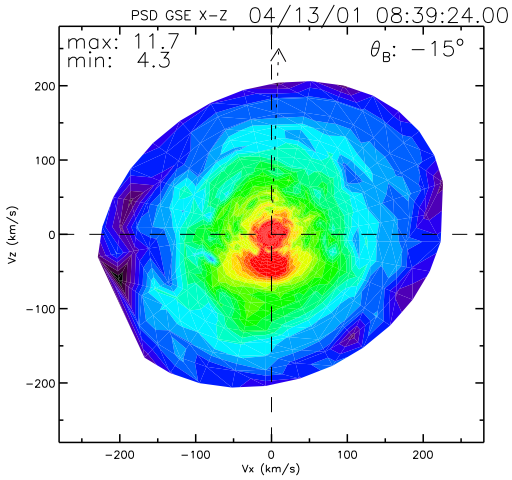
θ_B: −13°
Vz (km/s)
Vx (km/s)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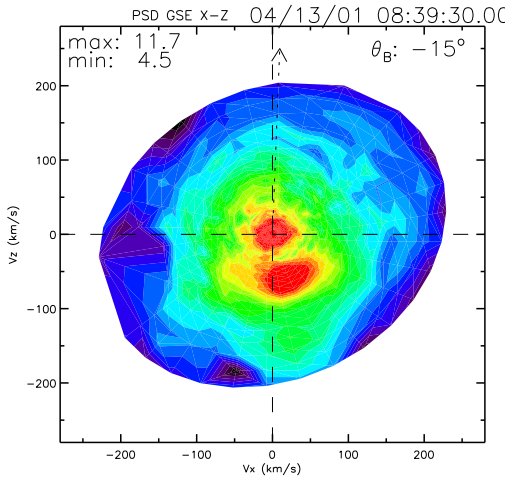
Vz (km/s)
Vx (km/s)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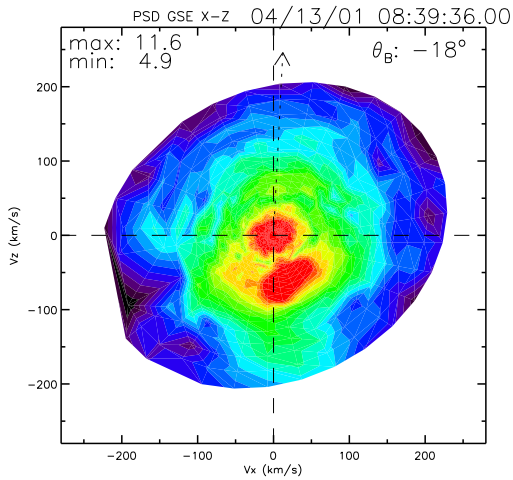
Vz (km/s)
Vx (km/s)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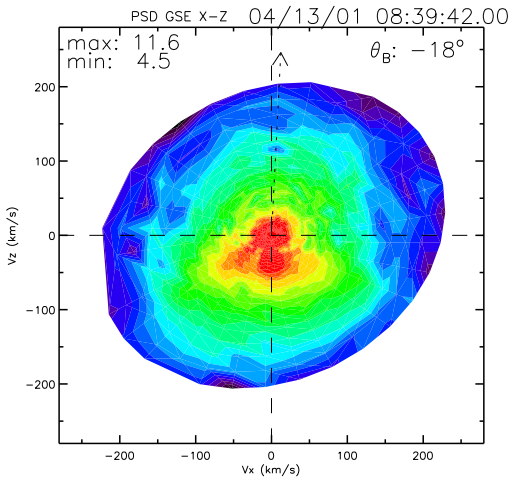
min: 4.9
θ_B: −18°
Vz (km/s)
Vx (km/s)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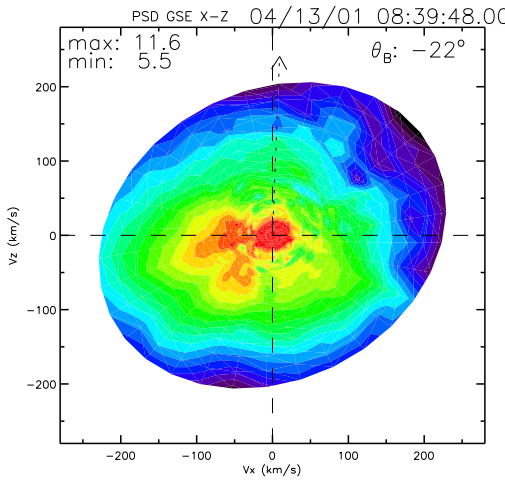
max: 11.6
min: 4.5
θ_B: −18°
Vz (km/s)
Vx (km/s)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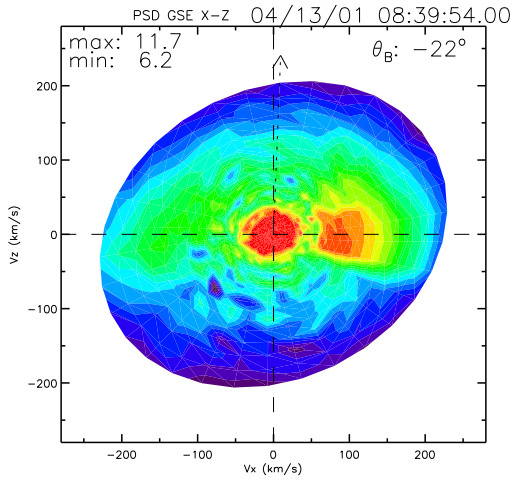
max: 11.6
min: 5.5
θ_B: −22°
Vz (km/s)
Vx (km/s)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max: 11.7
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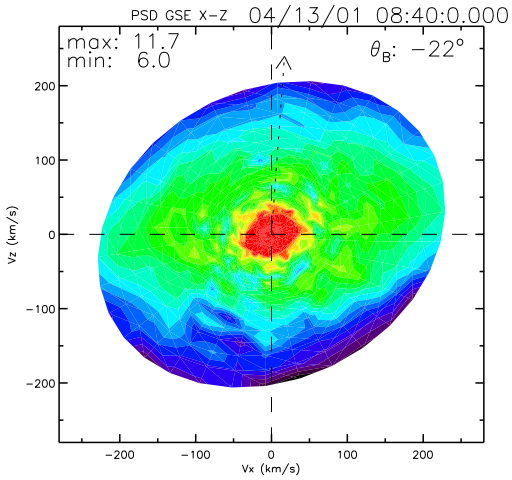
θ_B: −22°
Vz (km/s)
Vx (km/s)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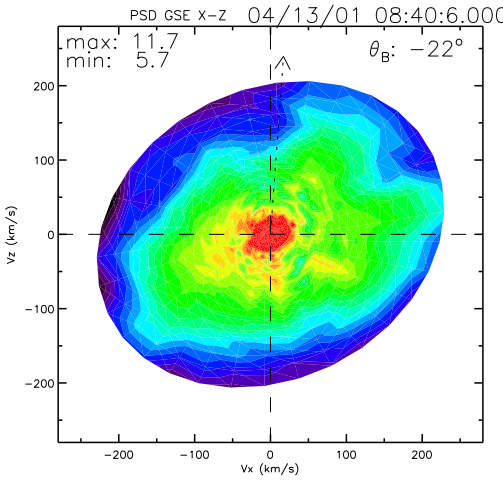
Vz (km/s)
Vx (km/s)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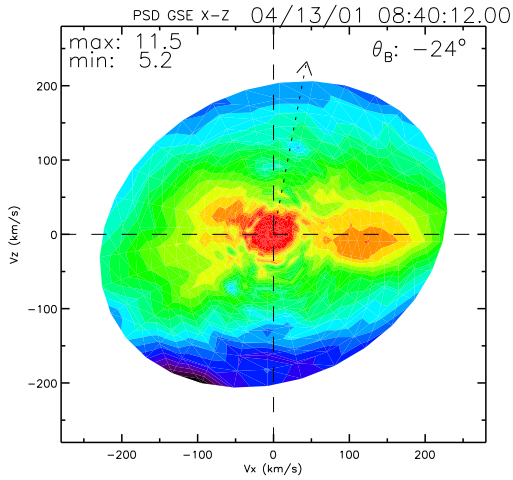
θ_B: −22°
Vz (km/s)
Vx (km/s)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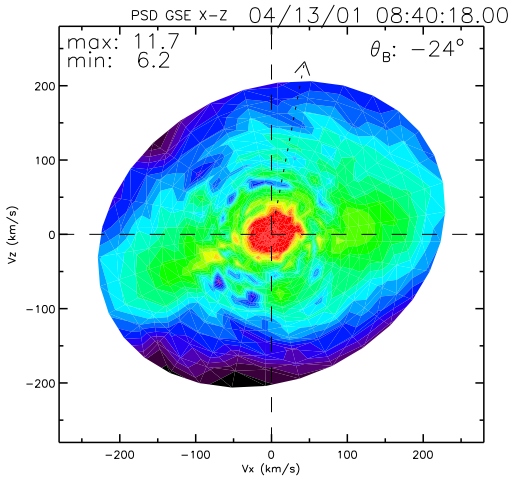
max: 11.5
min: 5.2
θ_B: −24°
Vz (km/s)
Vx (km/s)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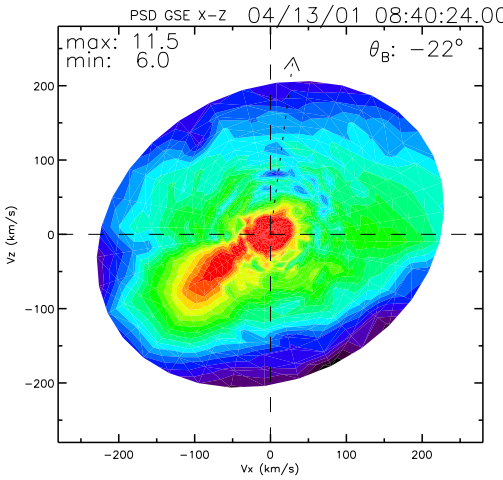
Vz (km/s)
Vx (km/s)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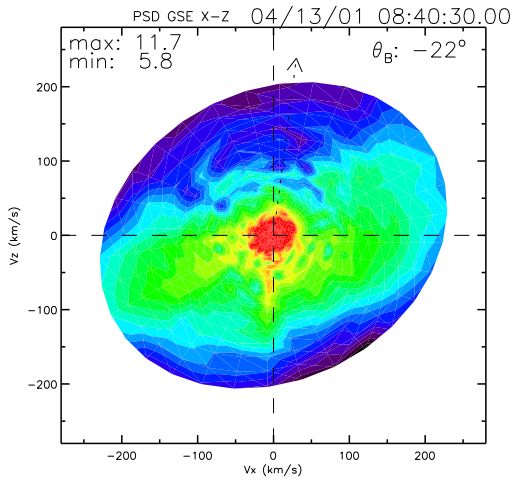
θ_B: −22°
Vz (km/s)
Vx (km/s)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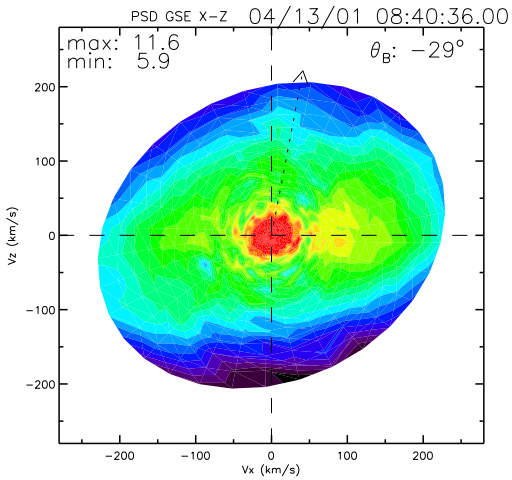
Vz (km/s)
Vx (km/s)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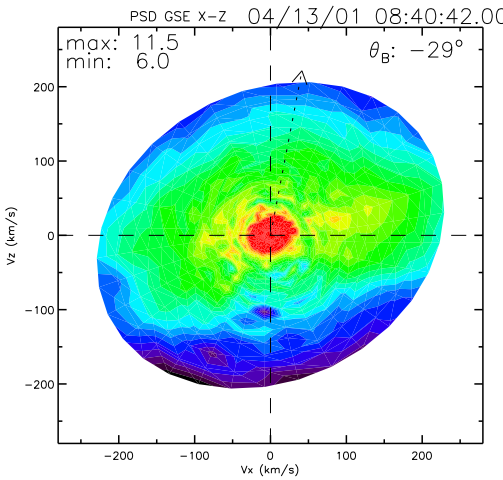
Vz (km/s)
Vx (km/s)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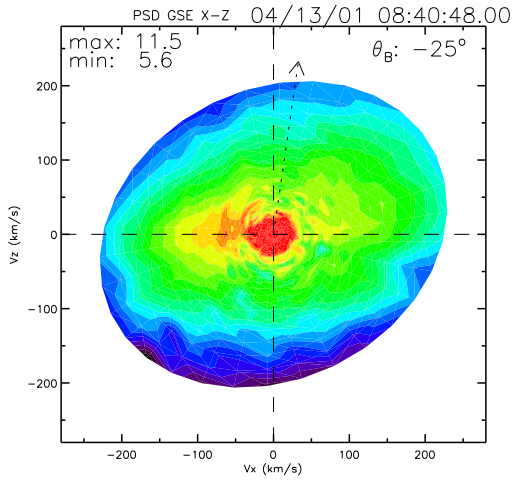
Vz (km/s)
Vx (km/s)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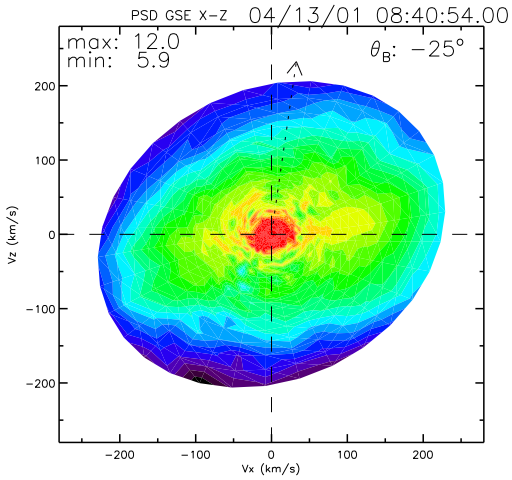
Vz (km/s)
Vx (km/s)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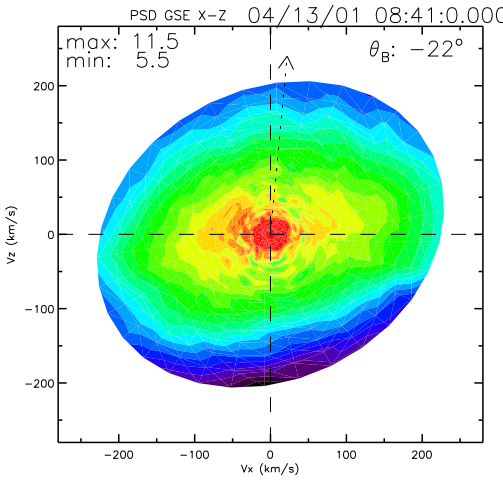
Vz (km/s)
Vx (km/s)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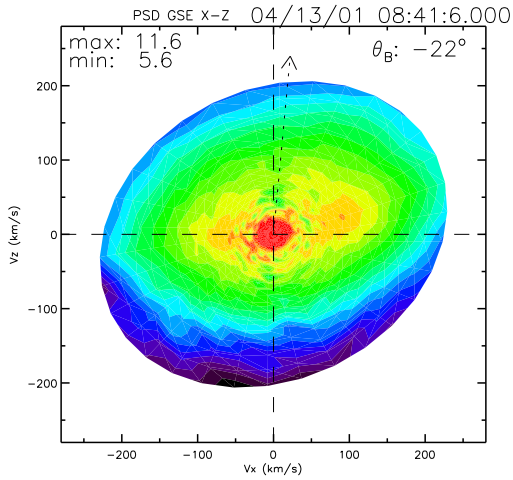
θ_B: −22°
Vz (km/s)
Vx (km/s)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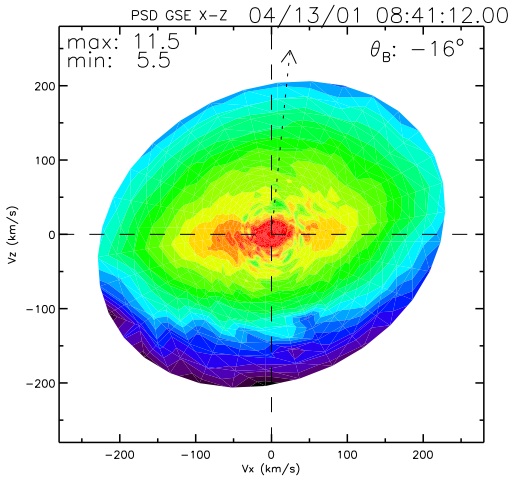
Vz (km/s)
Vx (km/s)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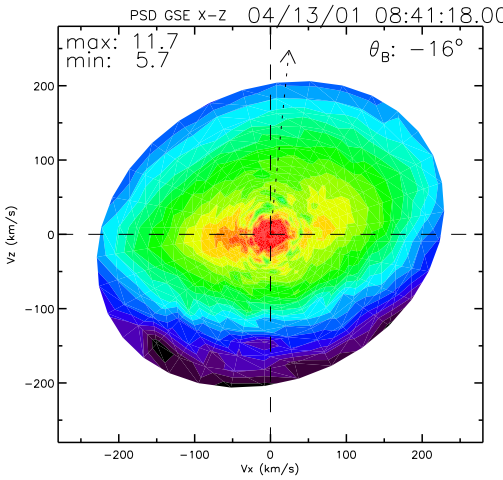
Vz (km/s)
Vx (km/s)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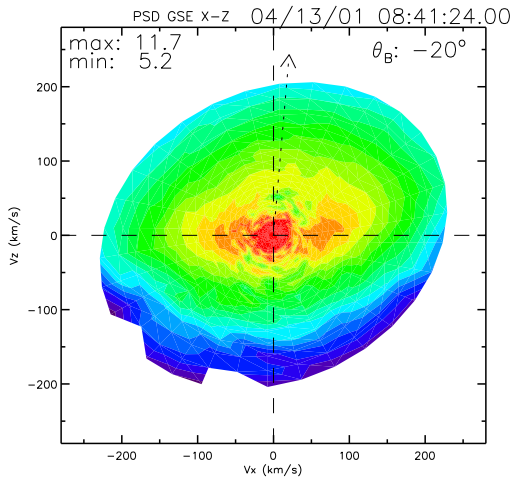
Vz (km/s)
Vx (km/s)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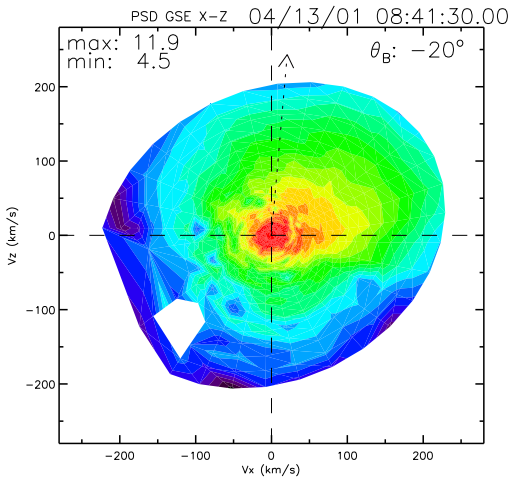
θ_B: −20°
Vz (km/s)
Vx (km/s)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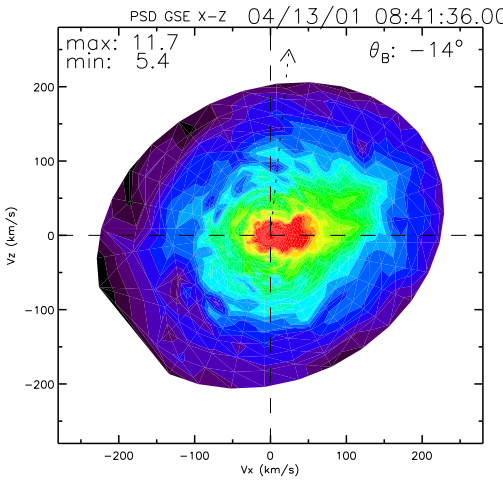
θ_B: −20°
Vz (km/s)
Vx (km/s)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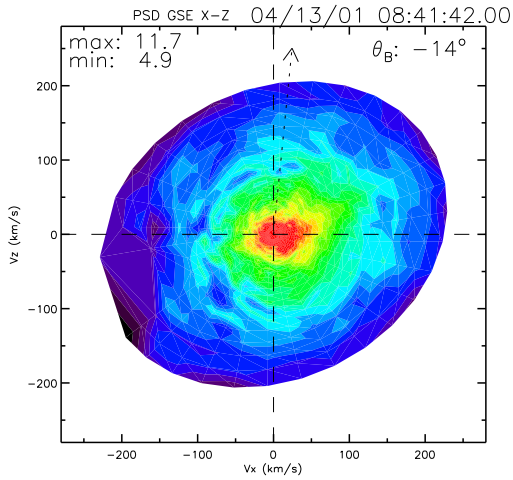
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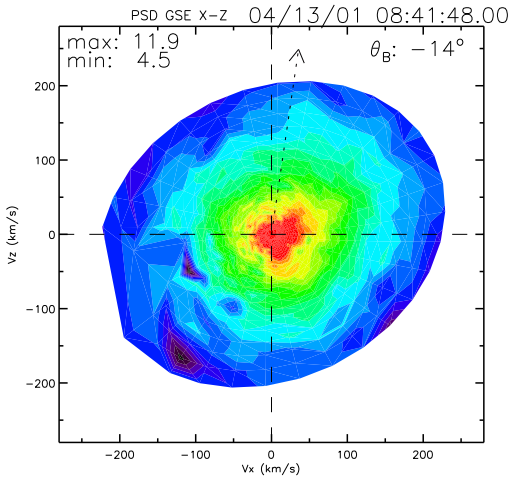
Vz (km/s)
Vx (km/s)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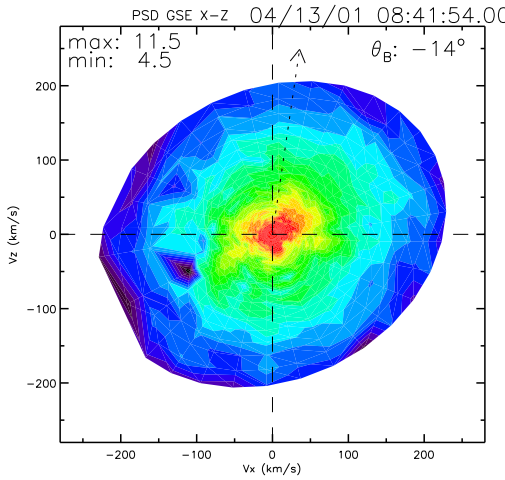
Vz (km/s)
Vx (km/s)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Vz (km/s)
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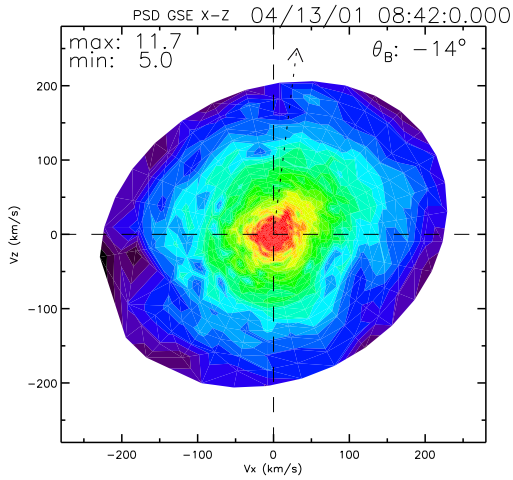
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Vz (km/s)
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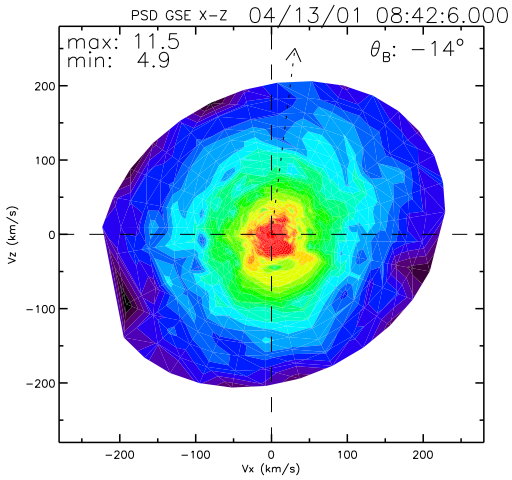
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Vz (km/s)
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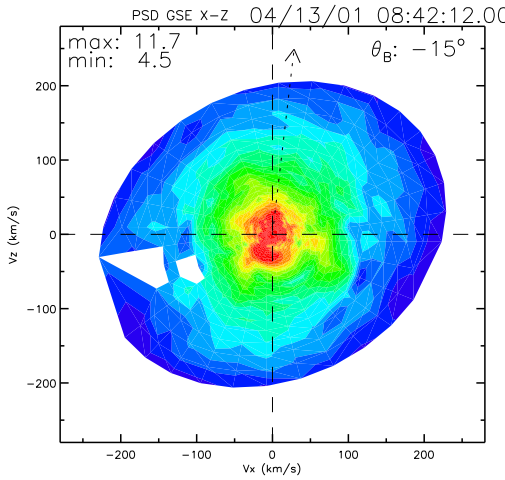
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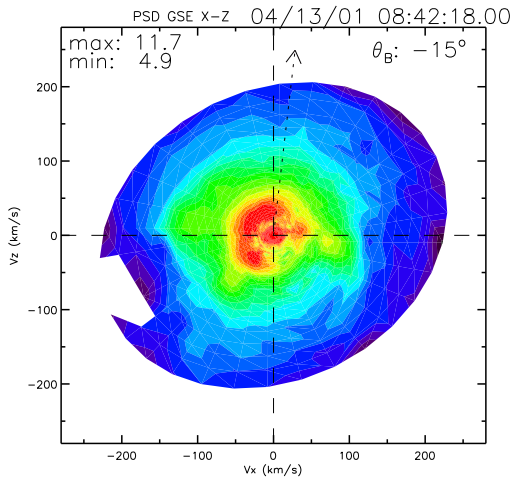
Vz (km/s)
Vx (km/s)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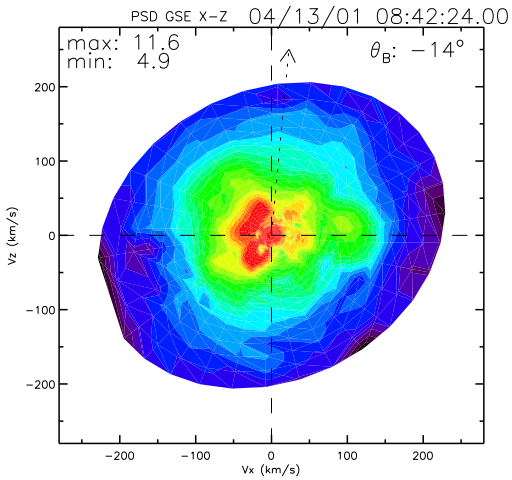
Vz (km/s)
Vx (km/s)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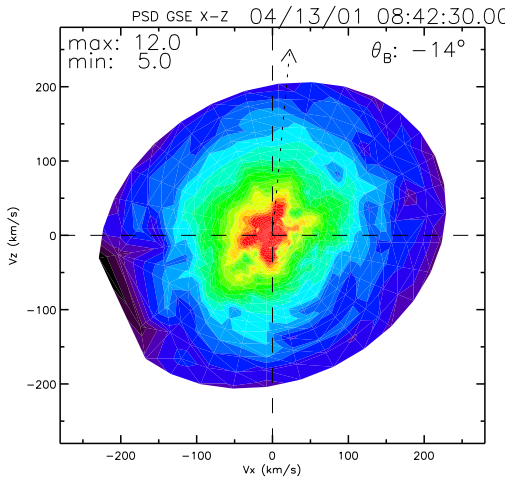
θ_B: −14°
Vz (km/s)
Vx (km/s)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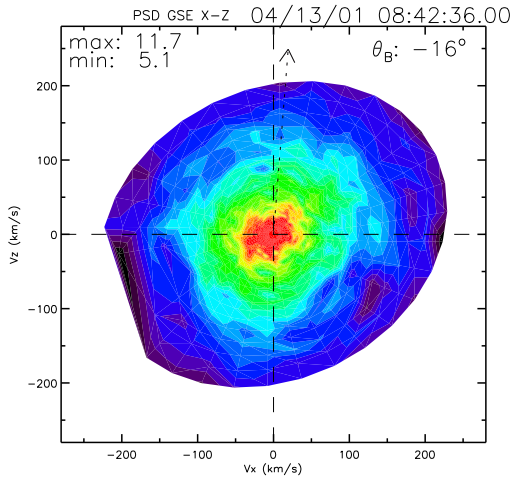
Vz (km/s)
Vx (km/s)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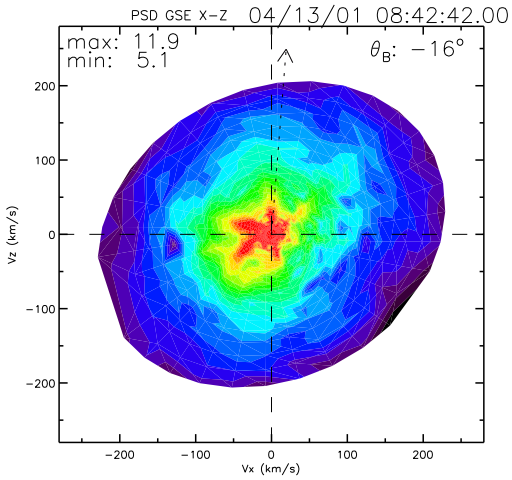
Vz (km/s)
Vx (km/s)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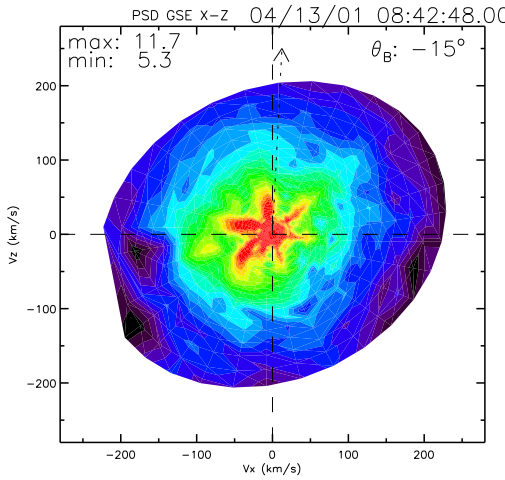
Vz (km/s)
Vx (km/s)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Vz (km/s)
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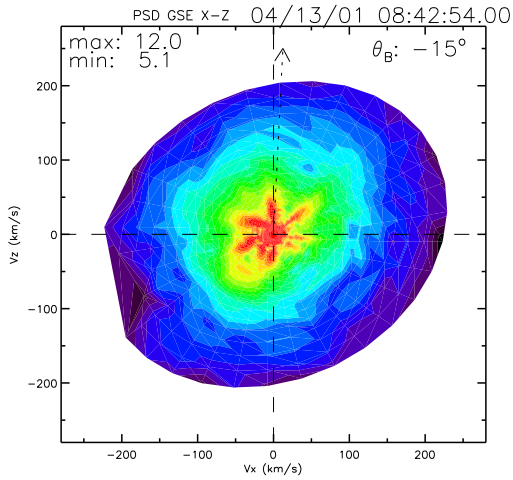
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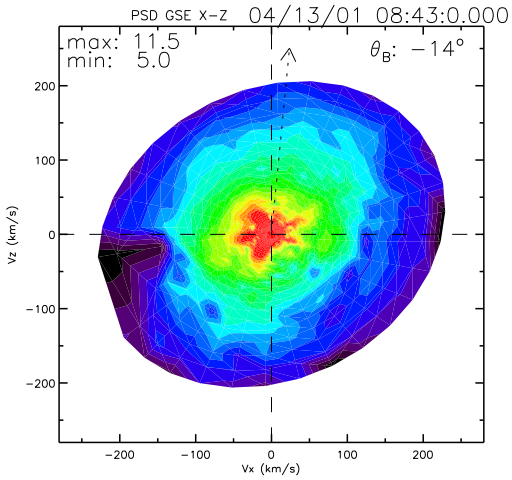
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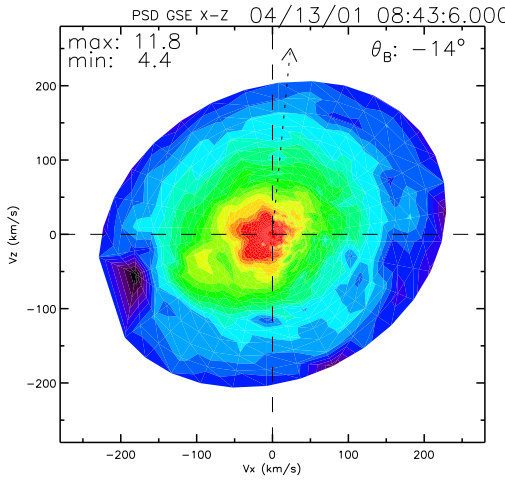
Vz (km/s)
Vx (km/s)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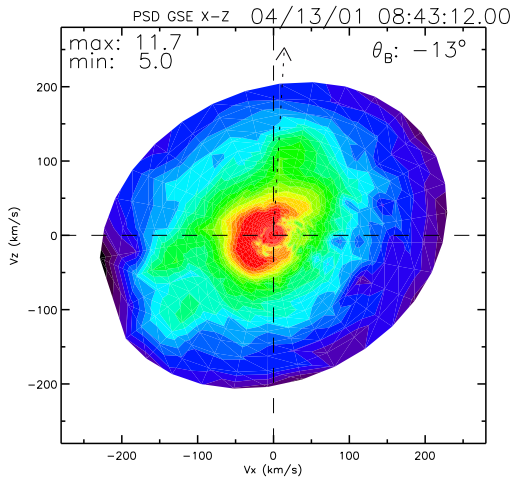
Vx (km/s)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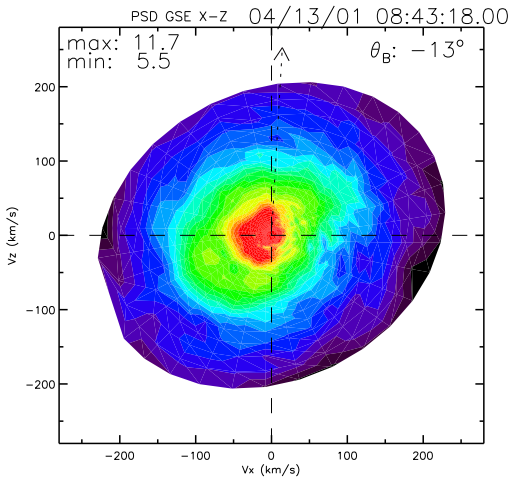
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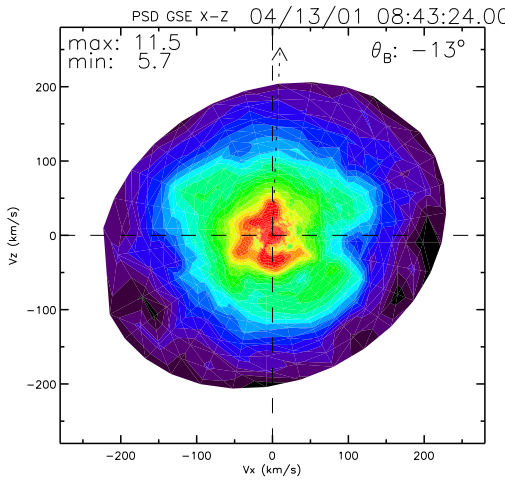
Vx (km/s)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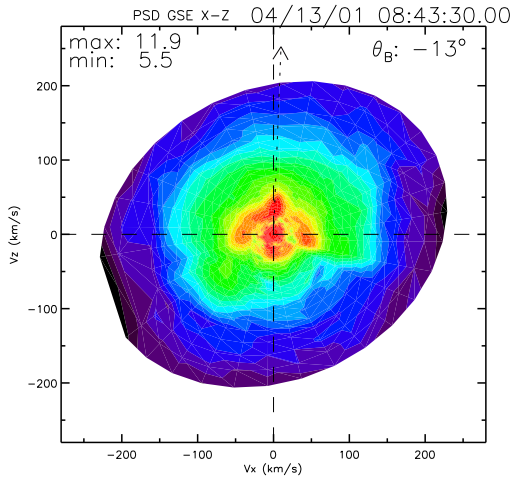
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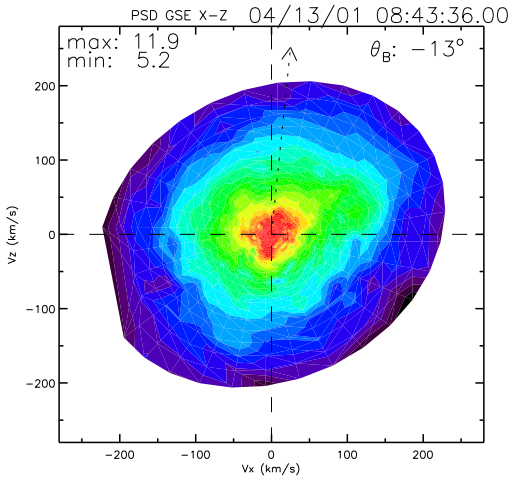
Vx (km/s)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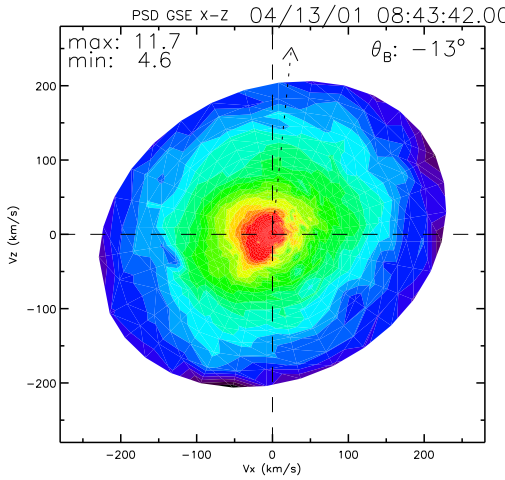
Vx (km/s)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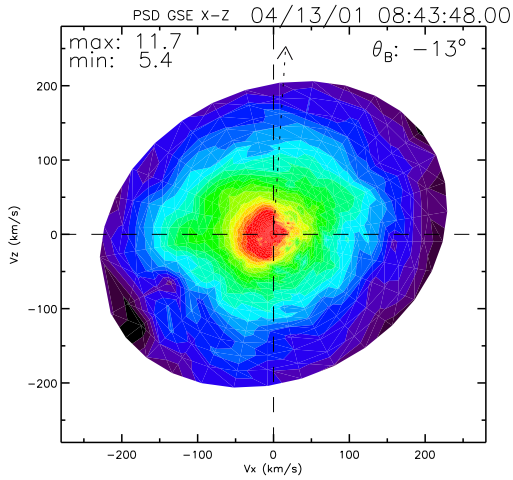
Vx (km/s)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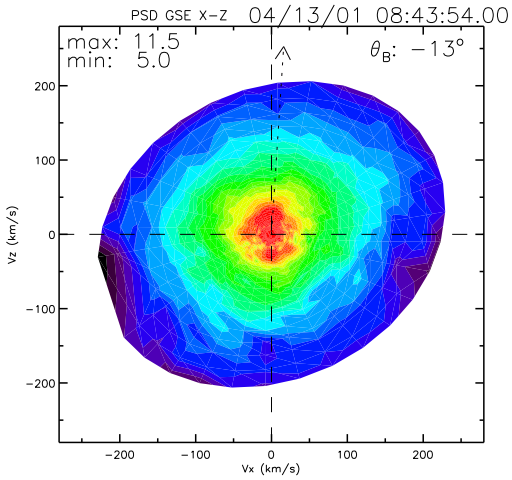
Vz (km/s)
Vx (km/s)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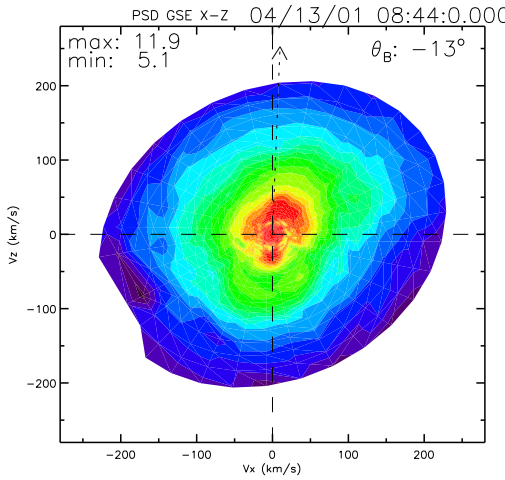
Vz (km/s)
Vx (km/s)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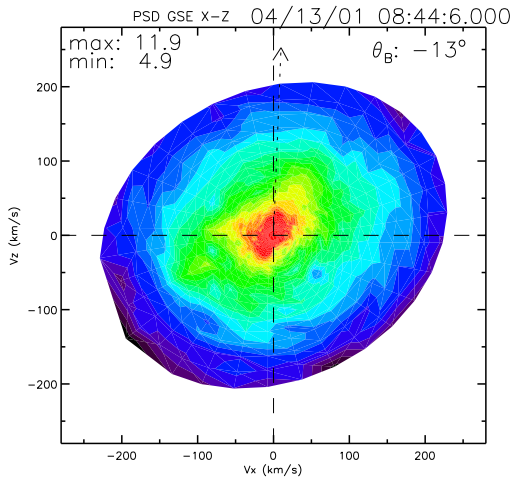
Vz (km/s)
Vx (km/s)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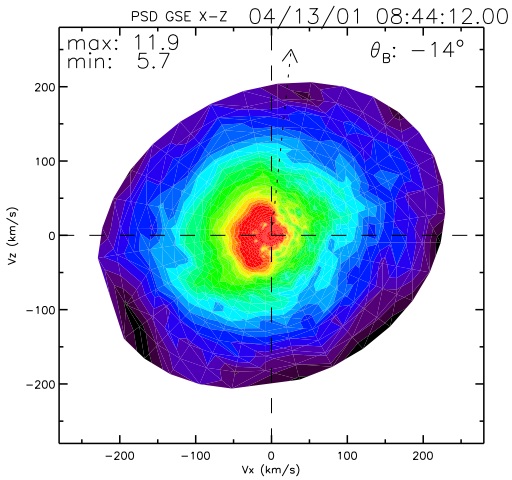
Vz (km/s)
Vx (km/s)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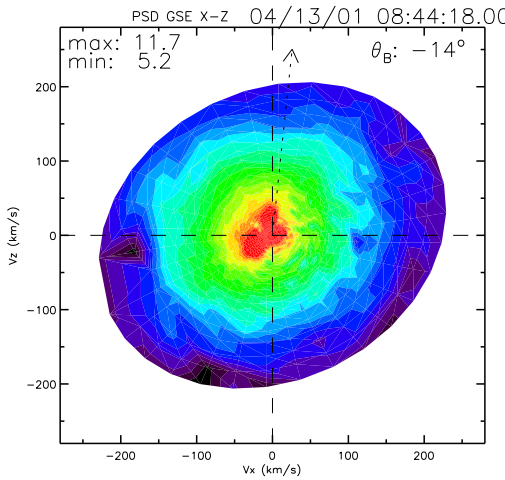
Vz (km/s)
Vx (km/s)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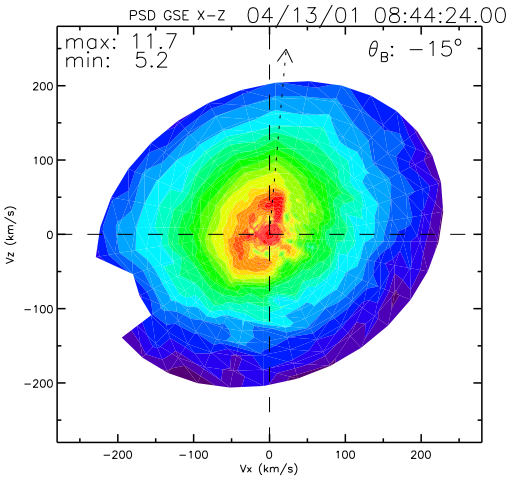
Vz (km/s)
Vx (km/s)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Vz (km/s)
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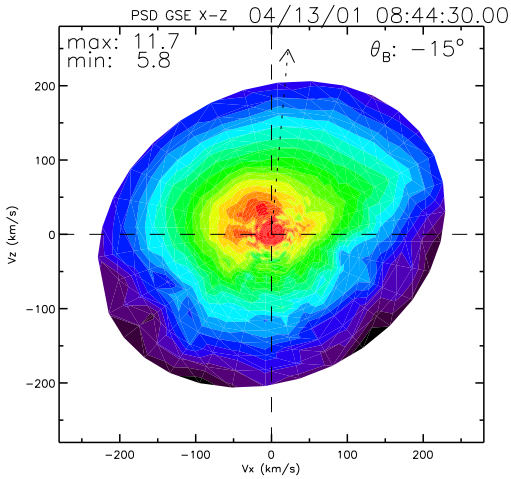
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Vz (km/s)
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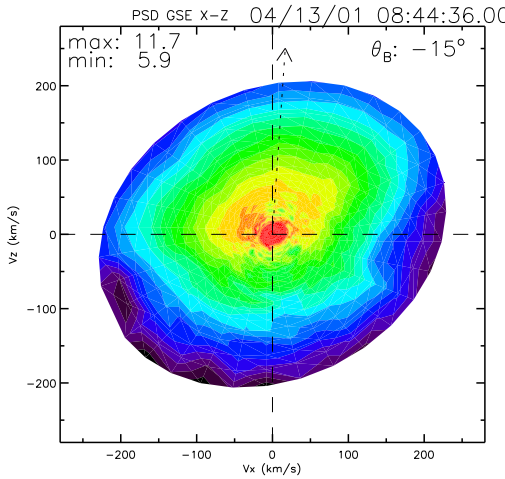
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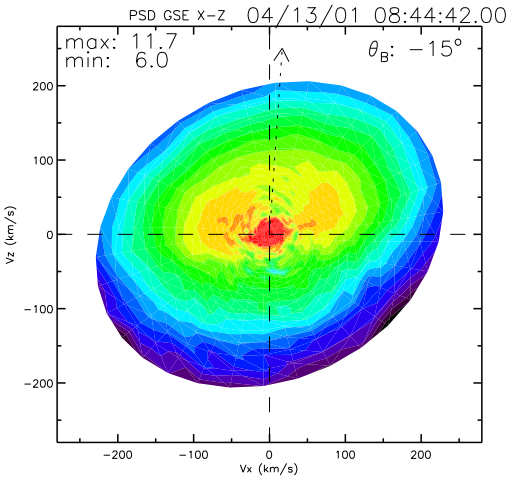
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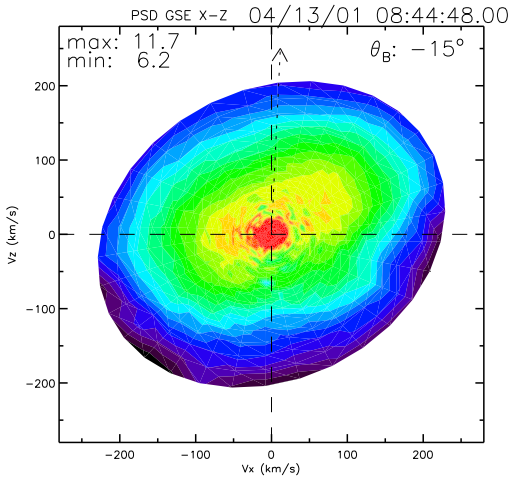
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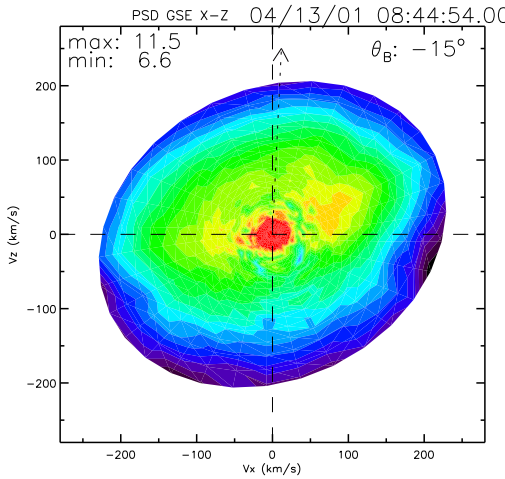
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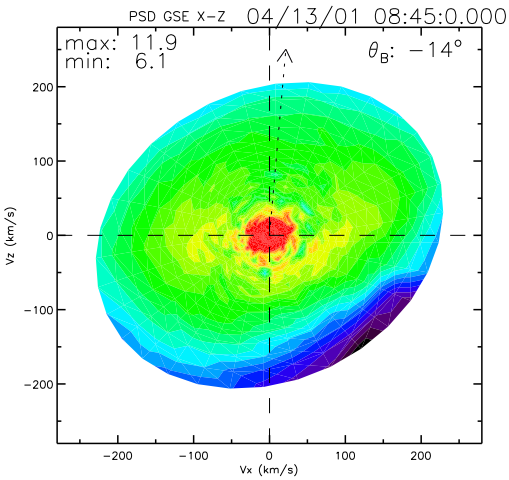
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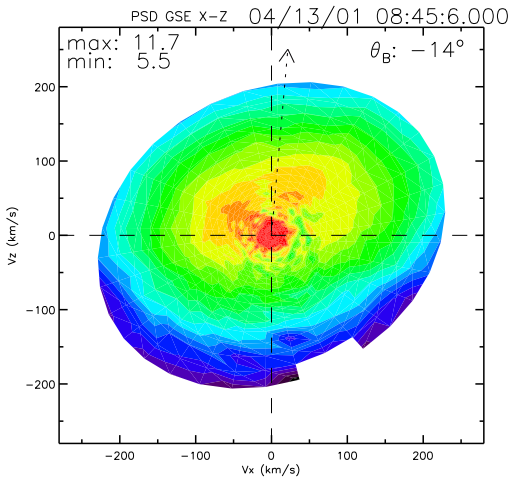
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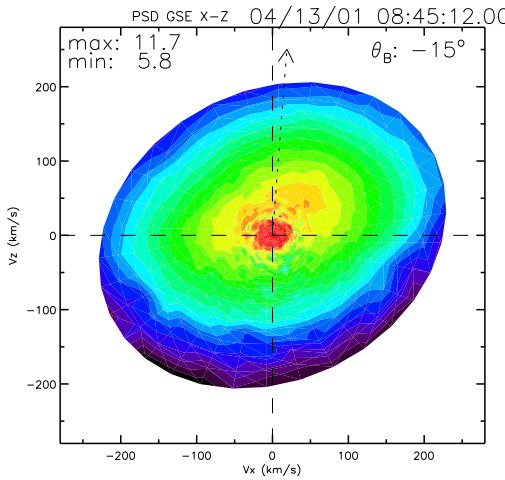
Vz (km/s)
Vx (km/s)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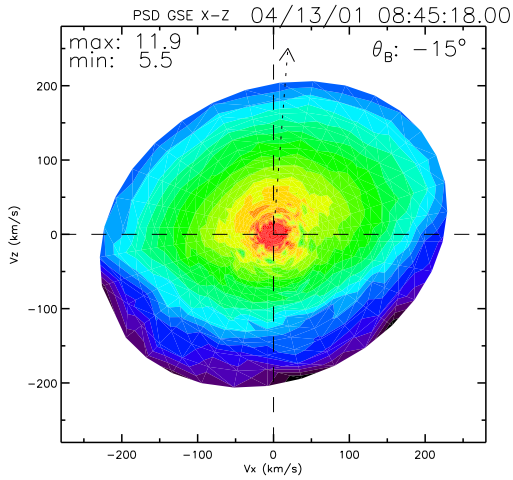
Vx (km/s)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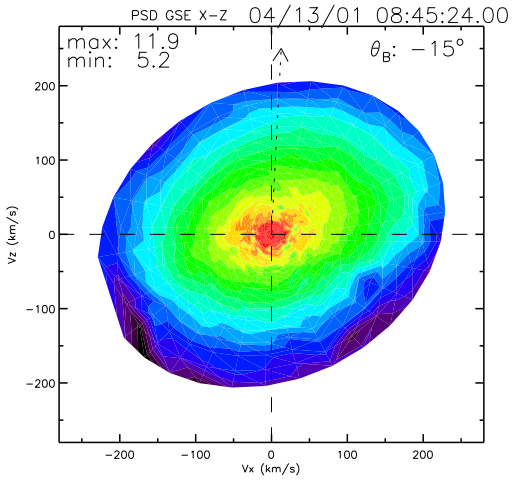
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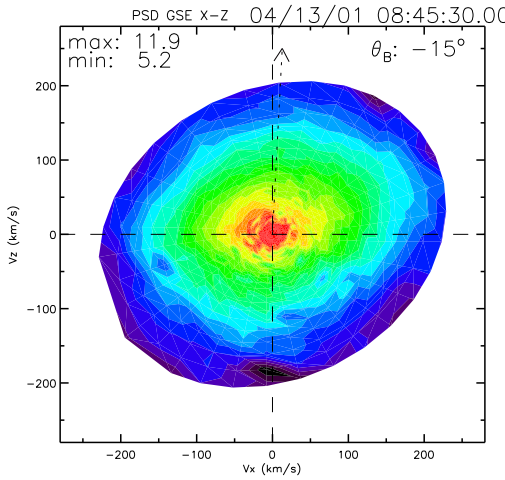
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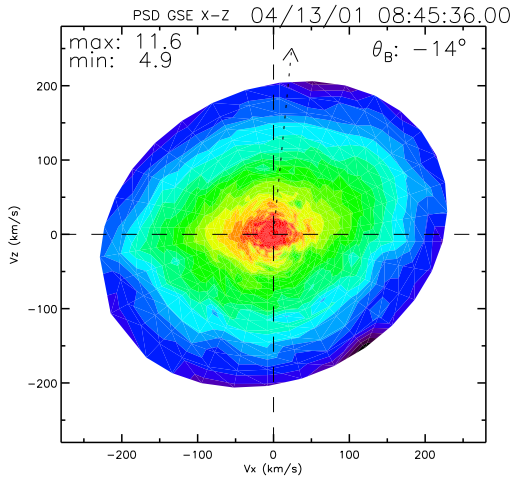
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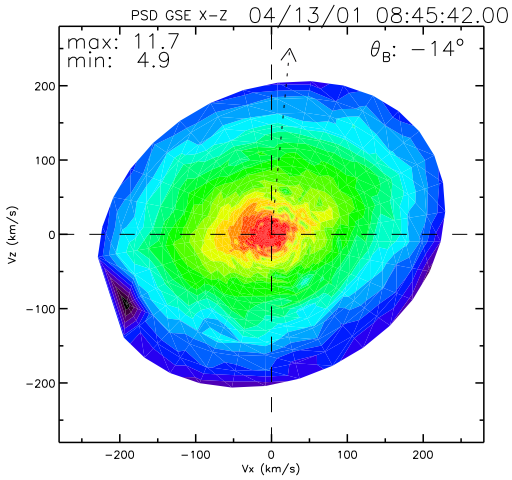
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Vz (km/s)
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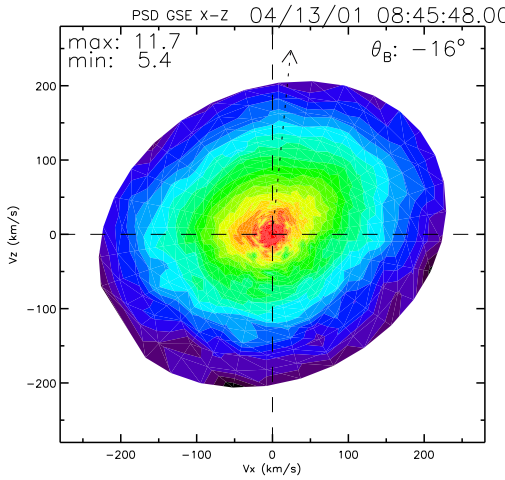
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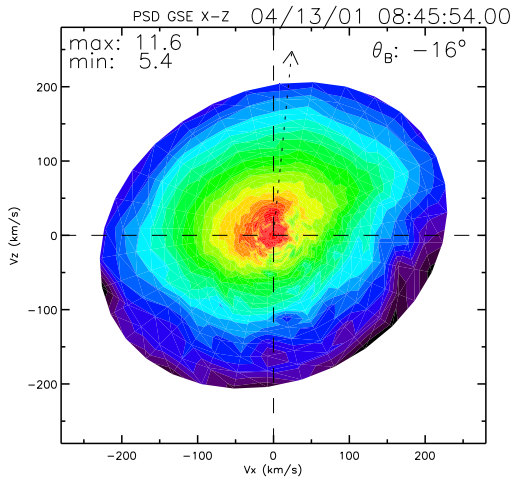
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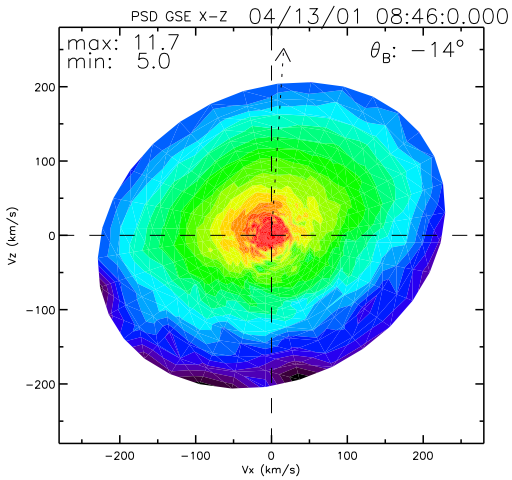
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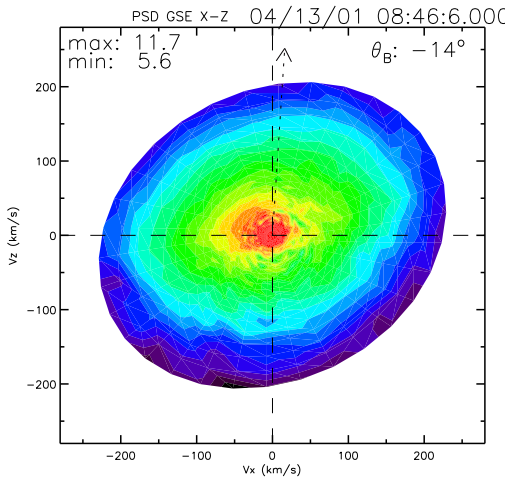
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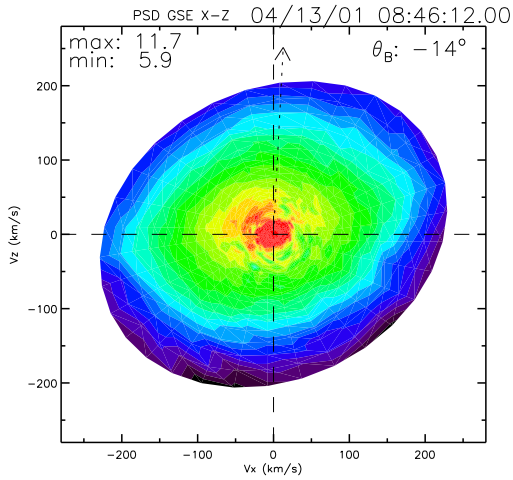
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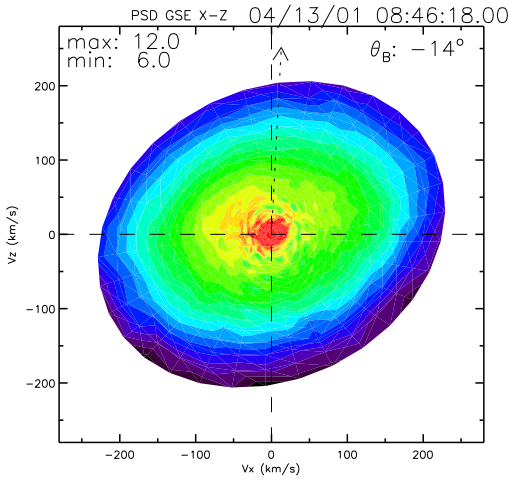
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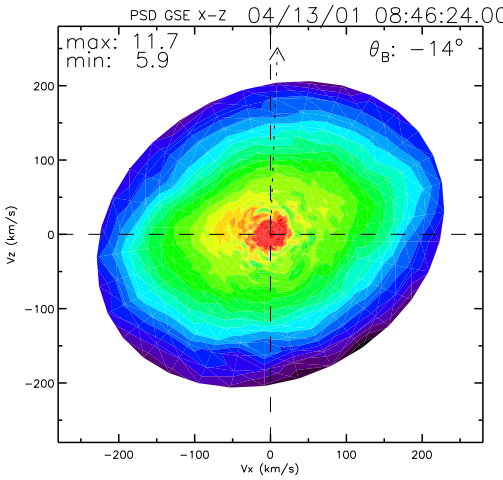
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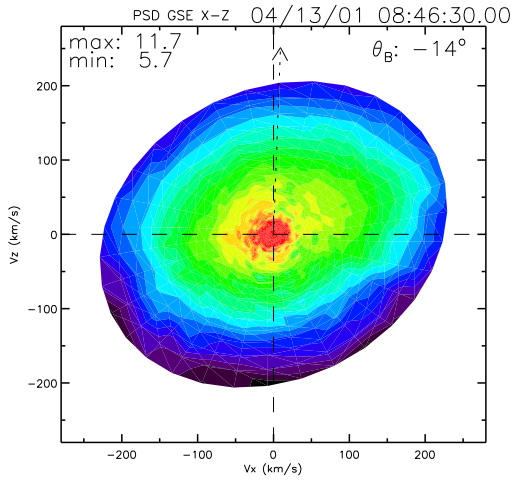
Vx (km/s)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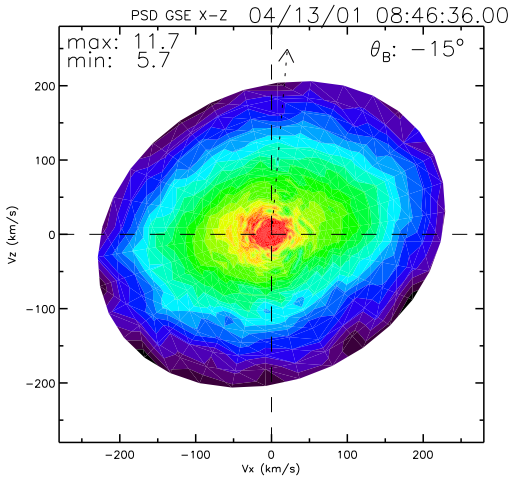
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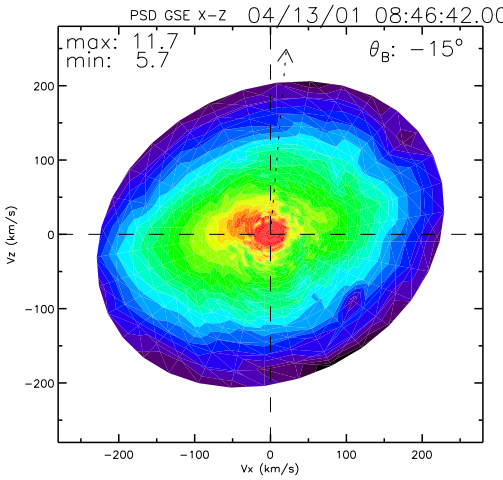
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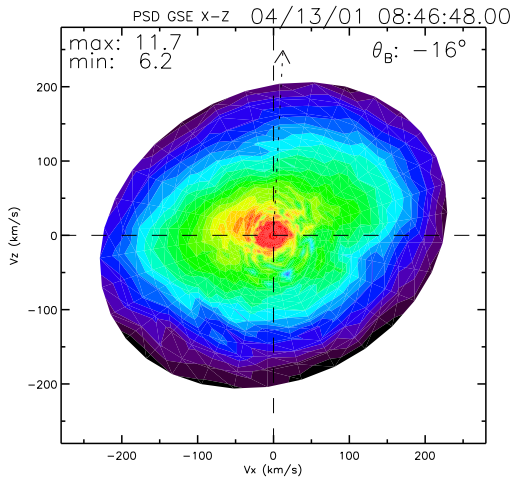
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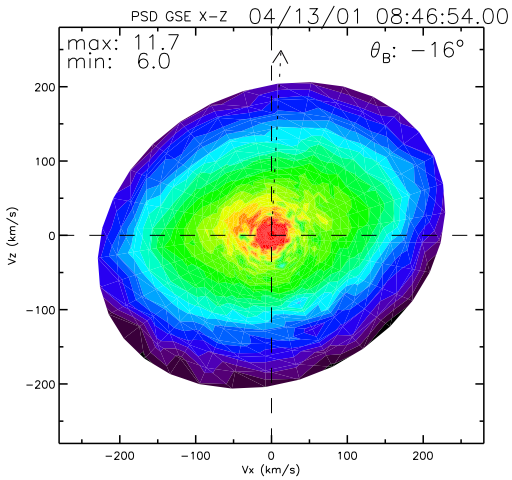
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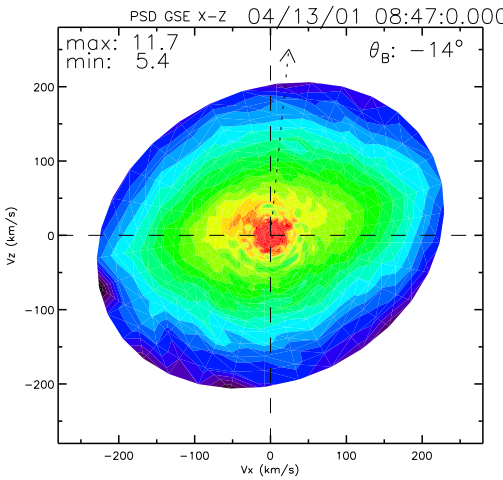
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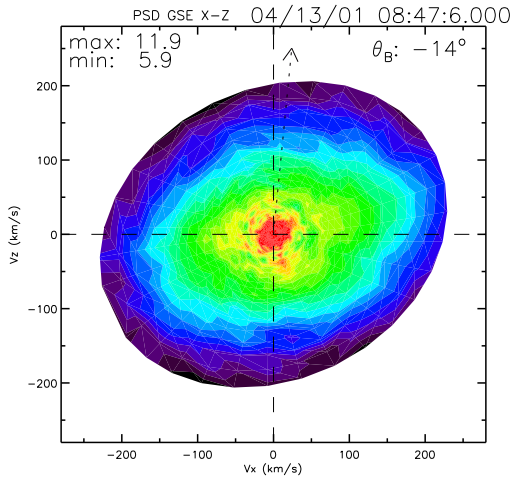
min: 5.4
θ_B: −14°
Vz (km/s)
Vx (km/s)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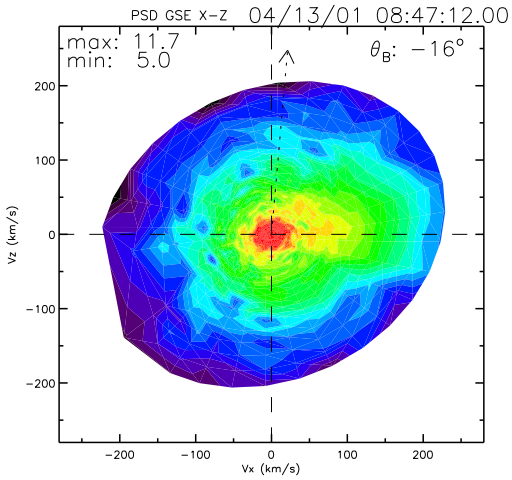
Vz (km/s)
Vx (km/s)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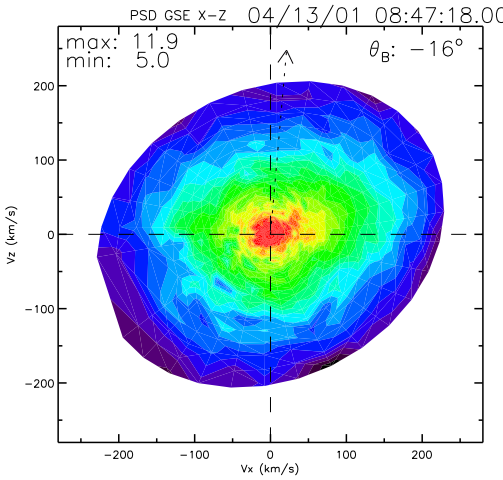
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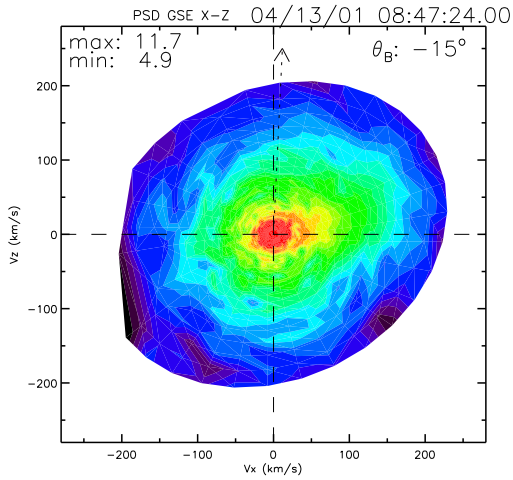
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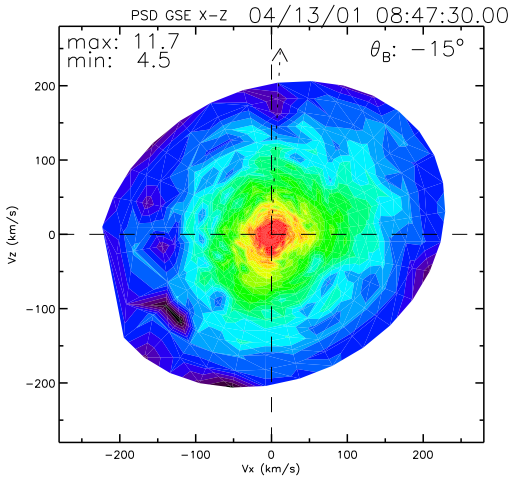
Vz (km/s)
Vx (km/s)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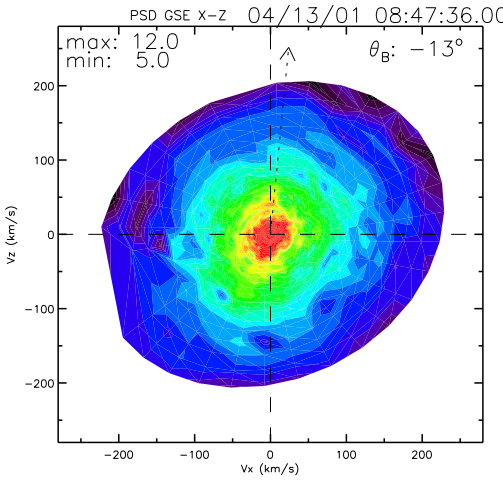
Vx (km/s)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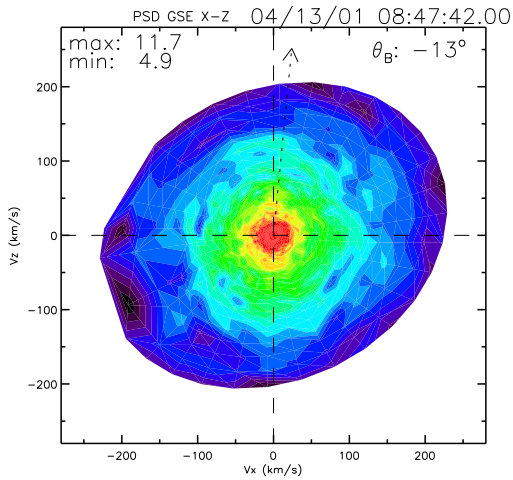
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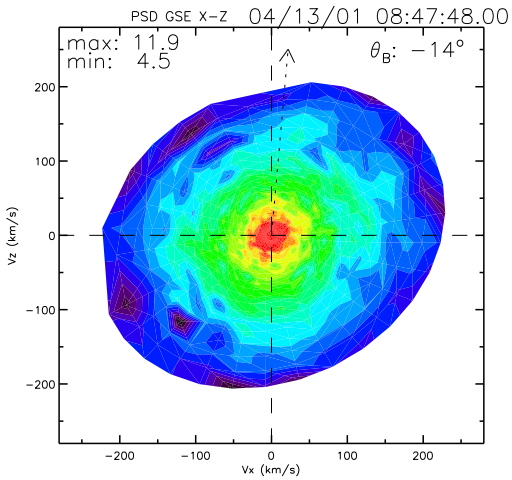
Vx (km/s)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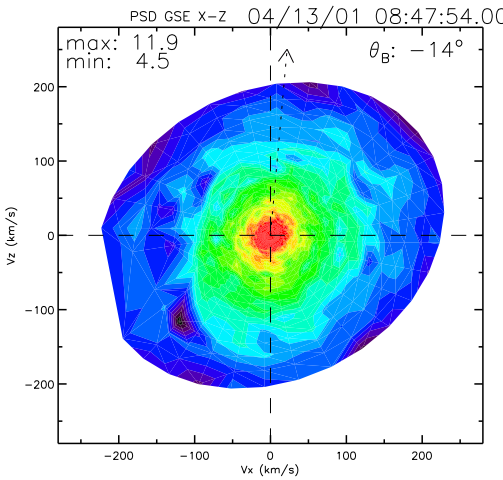
Vz (km/s)
Vx (km/s)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Vz (km/s)
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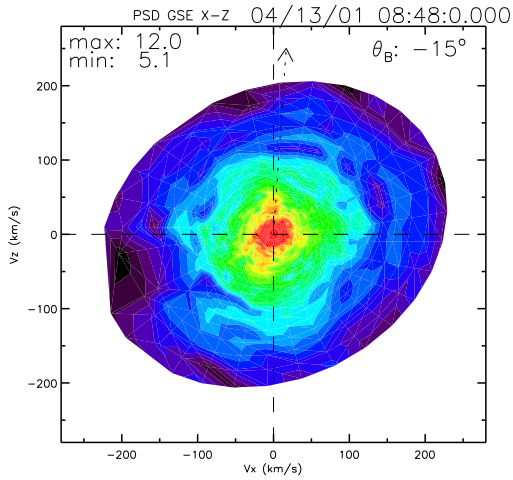
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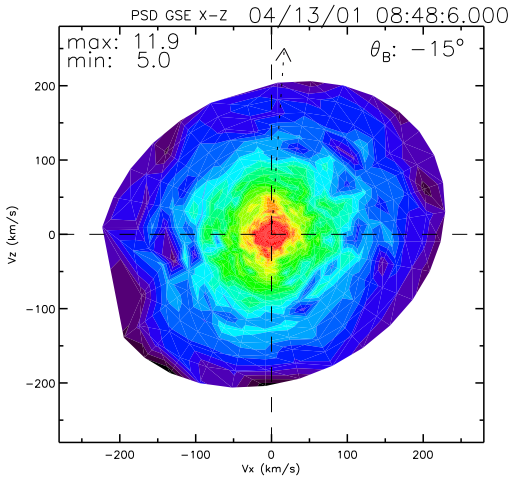
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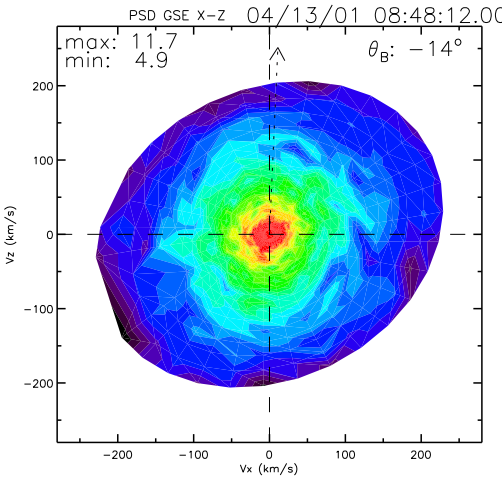
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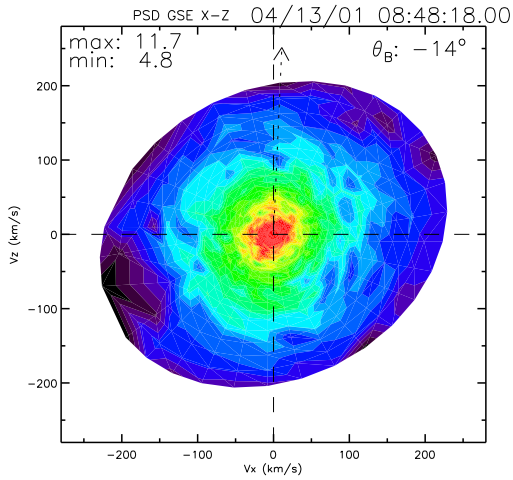
Vz (km/s)
Vx (km/s)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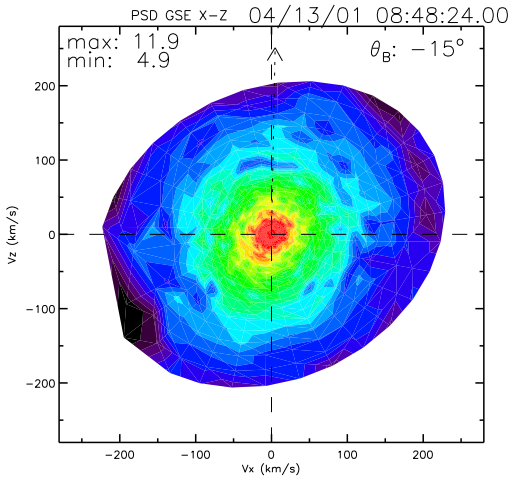
θB: −14°
Vz (km/s)
Vx (km/s)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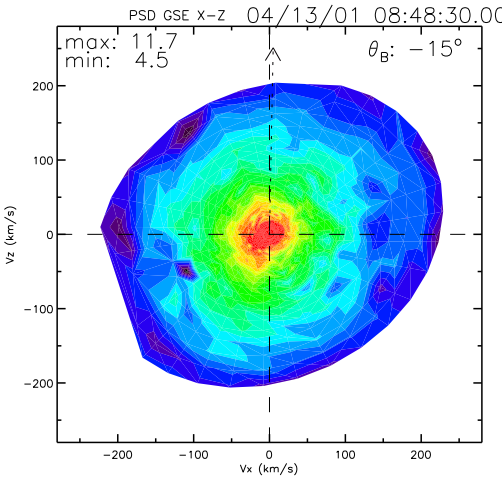
Vz (km/s)
Vx (km/s)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Vz (km/s)
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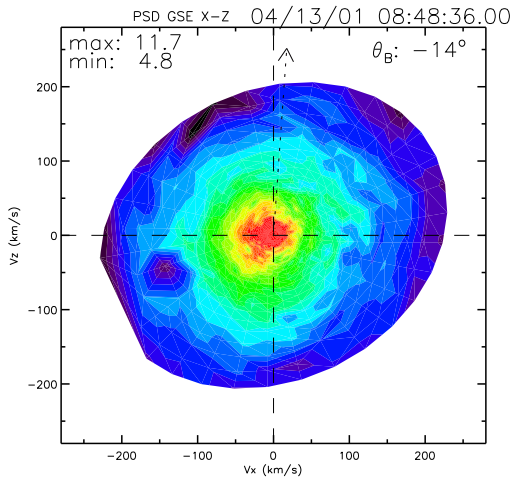
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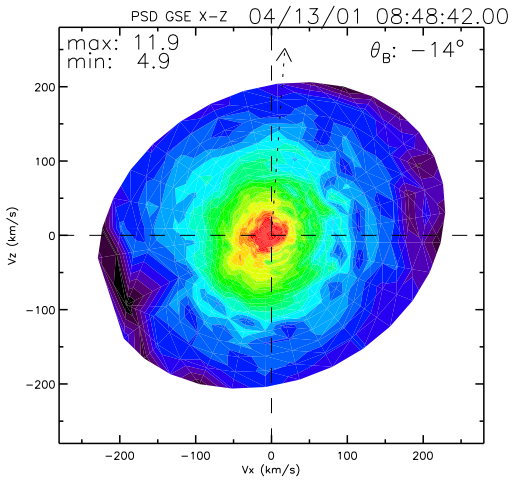
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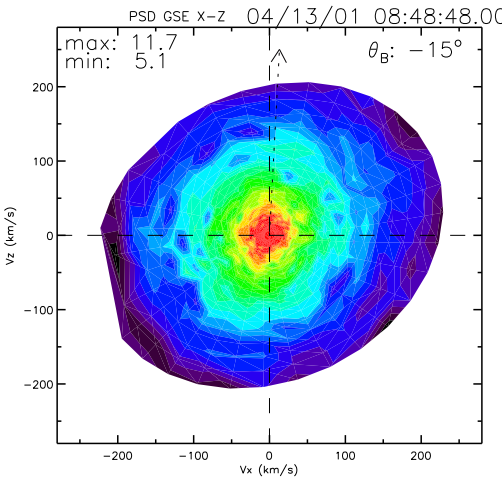
Vz (km/s)
Vx (km/s)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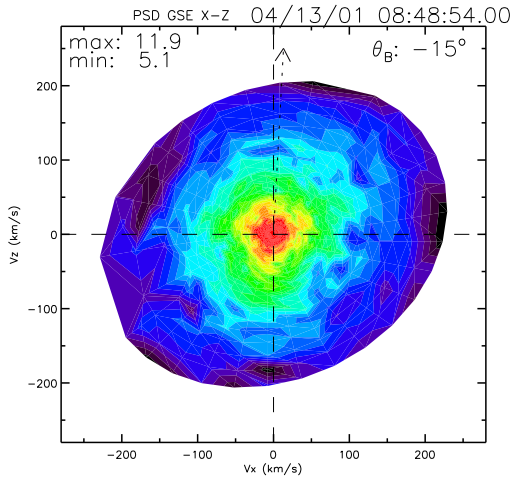
Vz (km/s)
Vx (km/s)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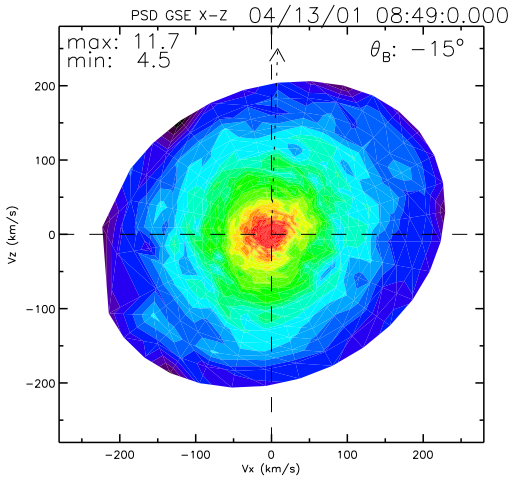
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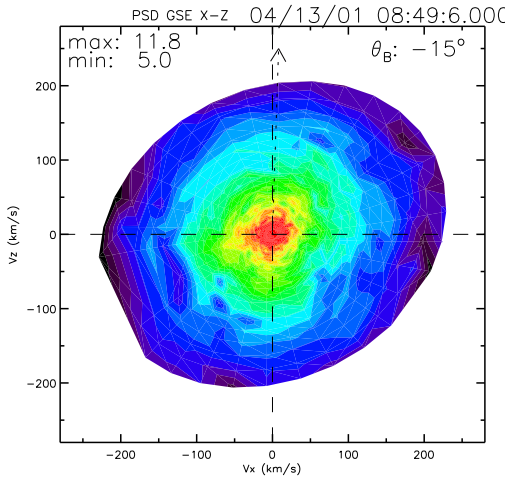
Vz (km/s)
Vx (km/s)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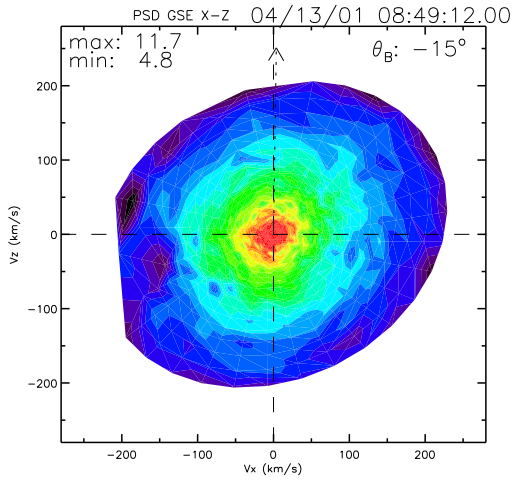
Vz (km/s)
Vx (km/s)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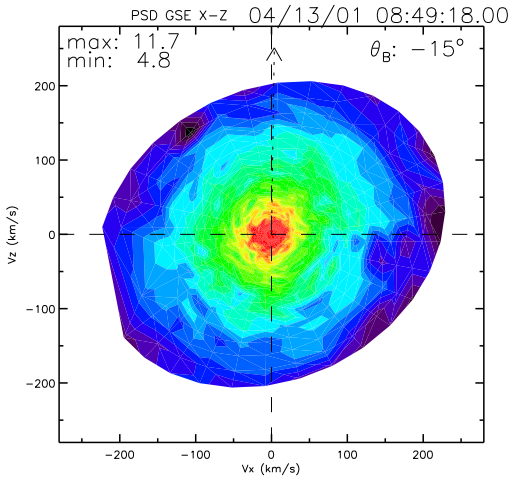
Vx (km/s)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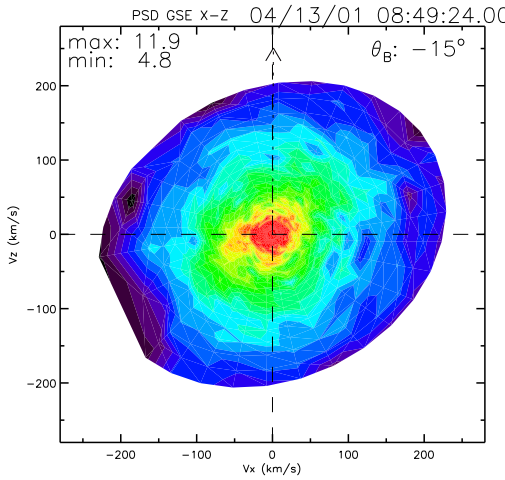
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Vz (km/s)
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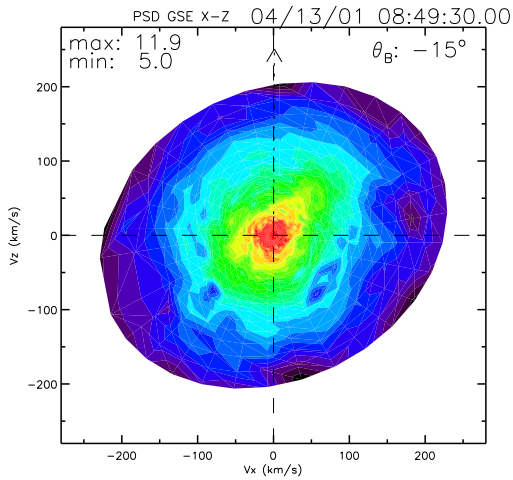
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Vz (km/s)
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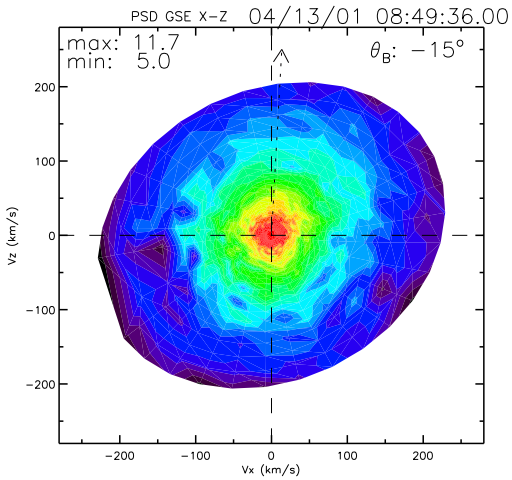
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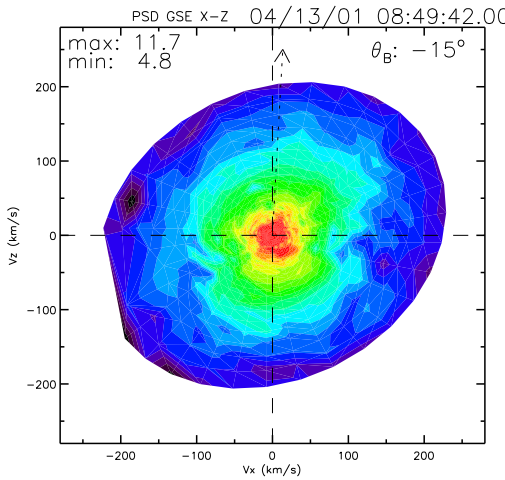
Vx (km/s)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Vz (km/s)
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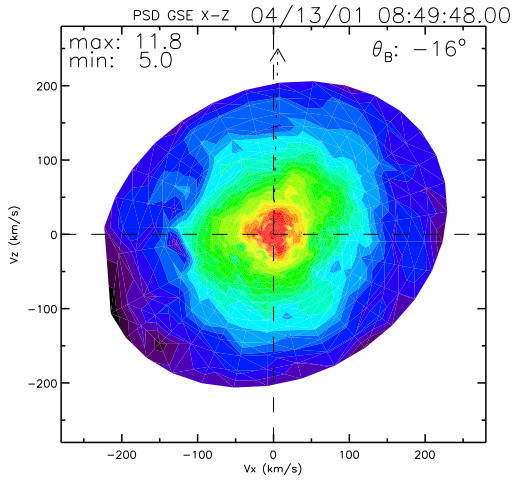
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Vz (km/s)
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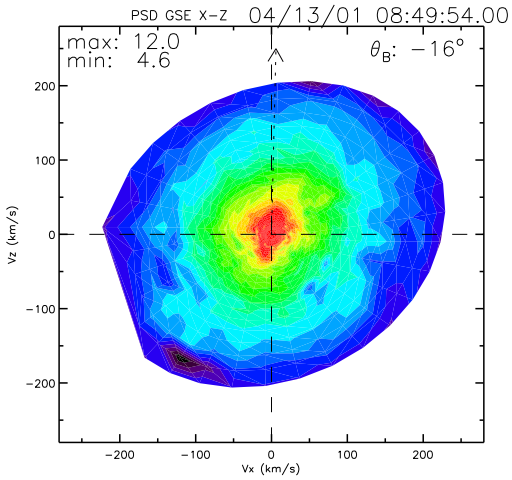
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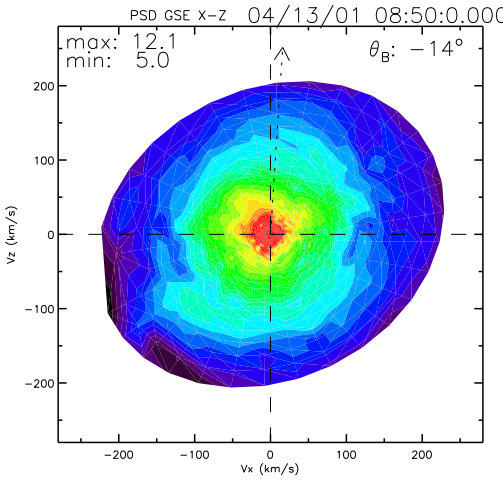
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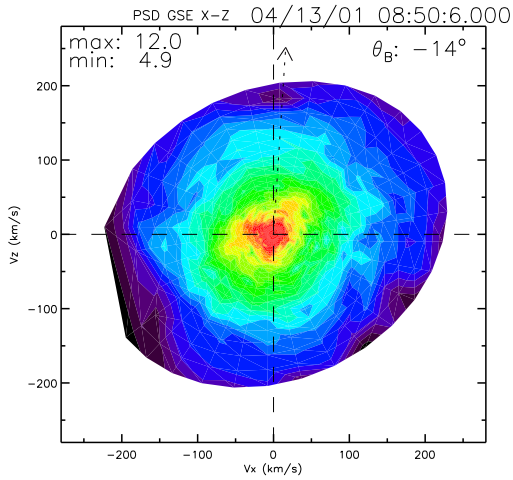
Vz (km/s)
Vx (km/s)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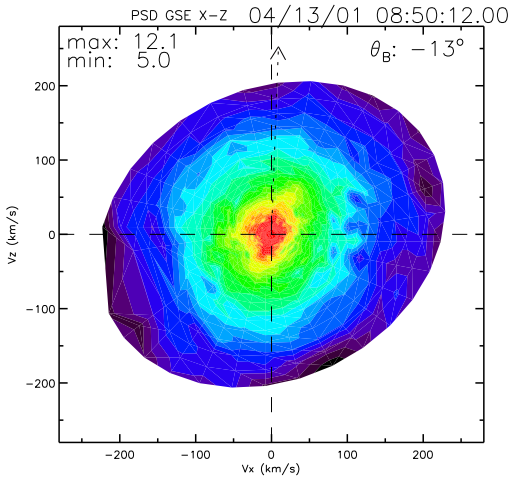
Vz (km/s)
Vx (km/s)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Vz (km/s)
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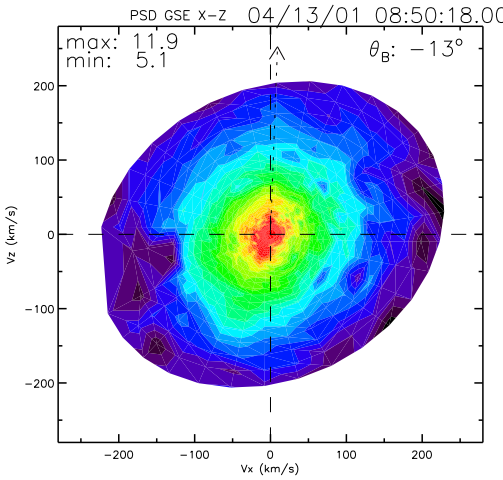
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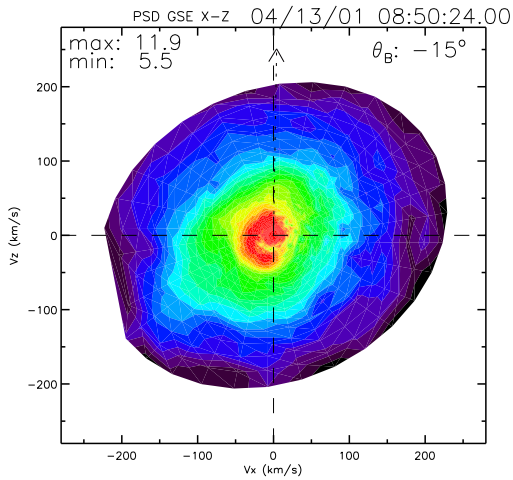
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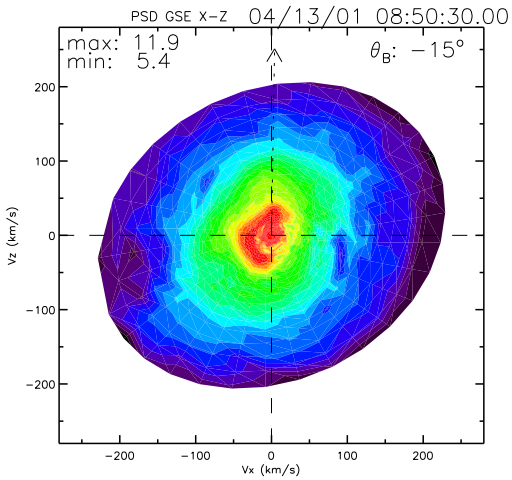
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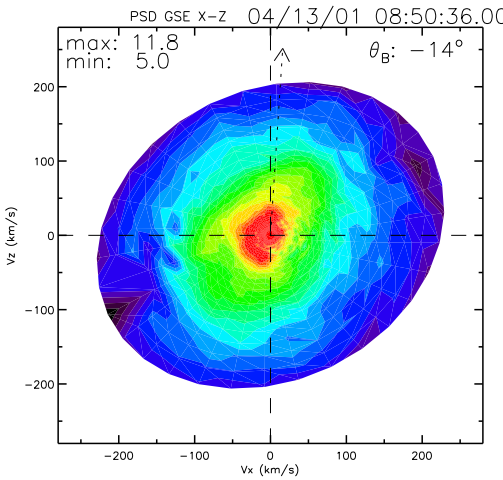
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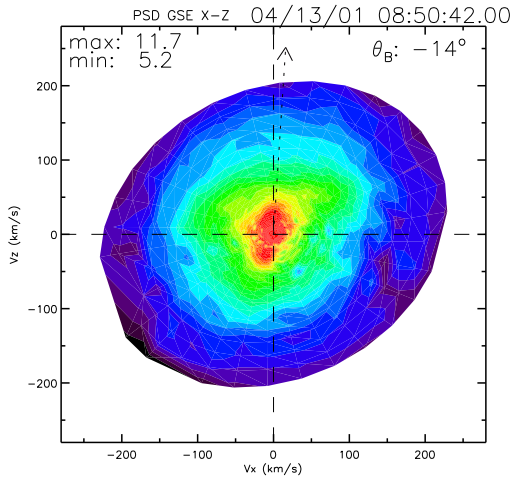
Vz (km/s)
Vx (km/s)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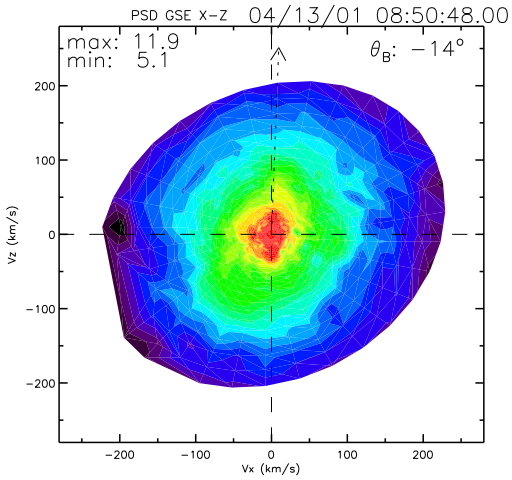
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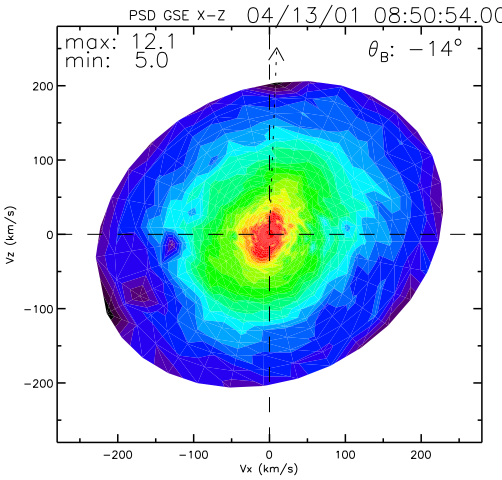
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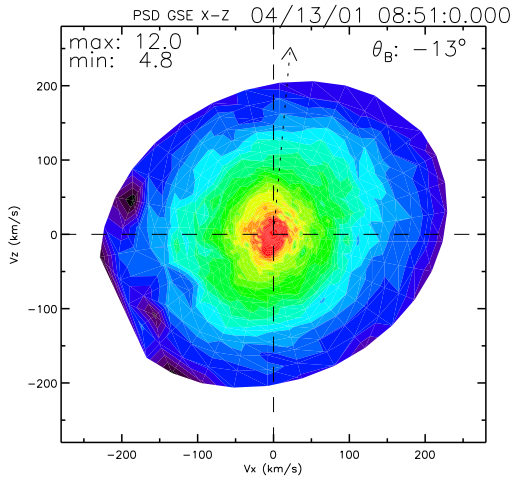
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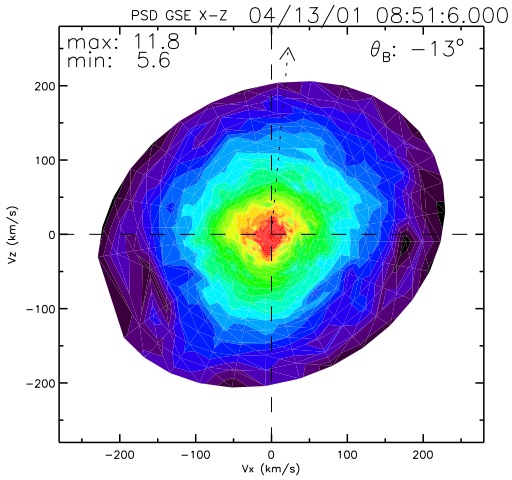
Vz (km/s)
Vx (km/s)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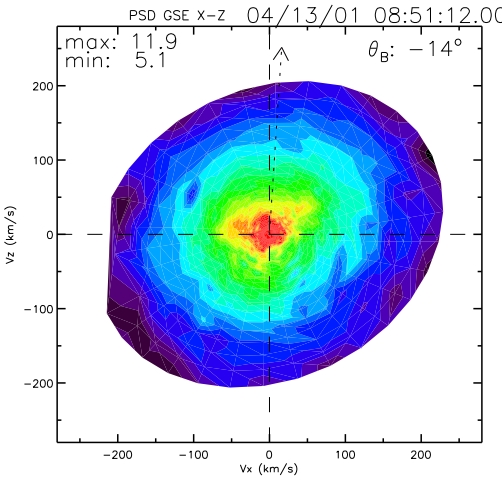
Vz (km/s)
Vx (km/s)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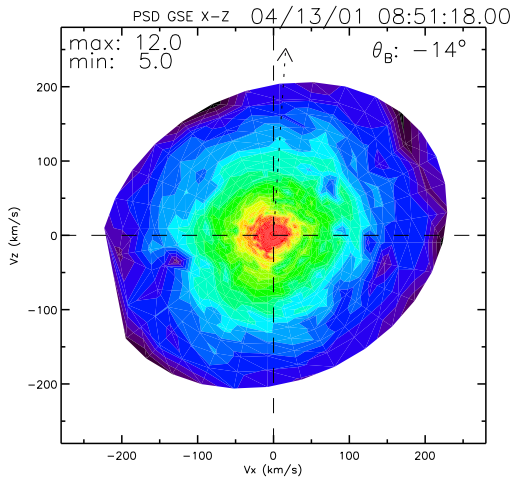
θ_B: −14°
Vz (km/s)
Vx (km/s)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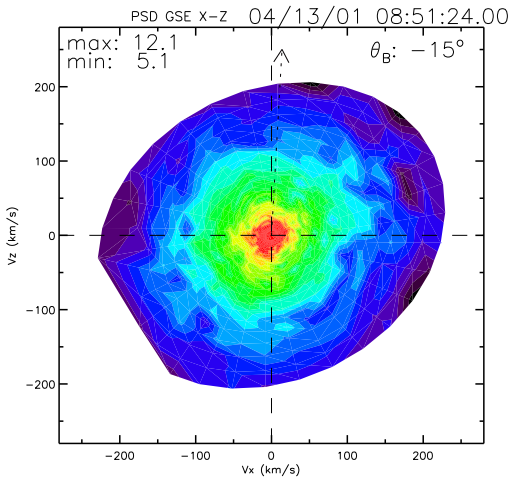
θ_B: −14°
Vz (km/s)
Vx (km/s)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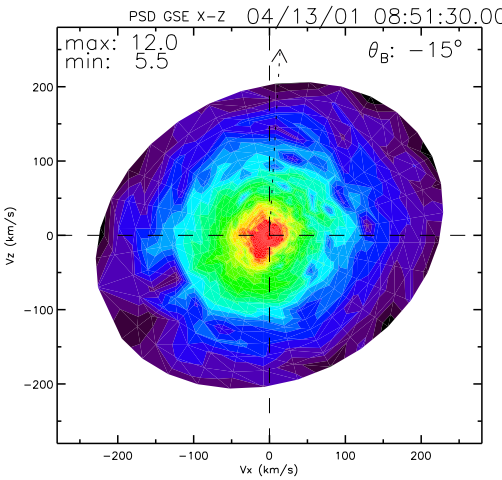
Vx (km/s)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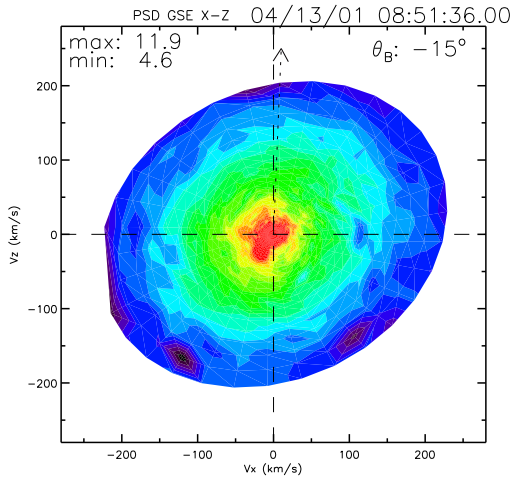
Vz (km/s)
Vx (km/s)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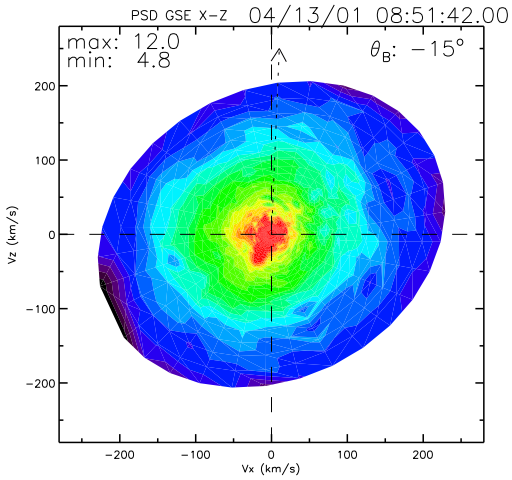
Vx (km/s)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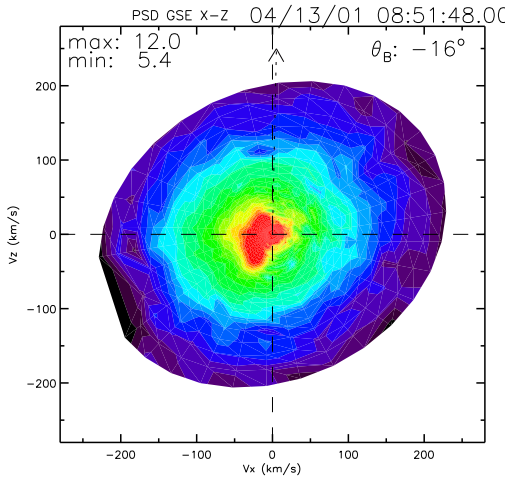
Vz (km/s)
Vx (km/s)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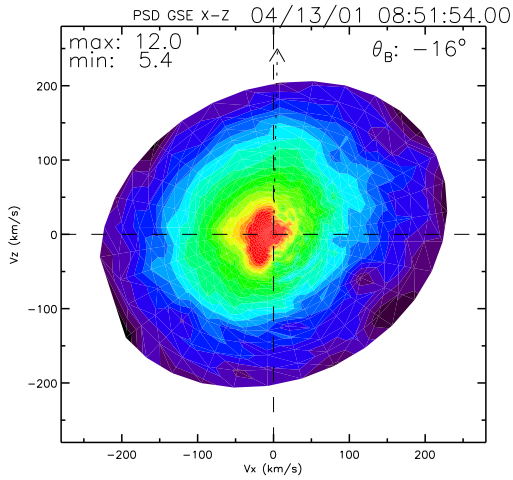
Vz (km/s)
Vx (km/s)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Vz (km/s)
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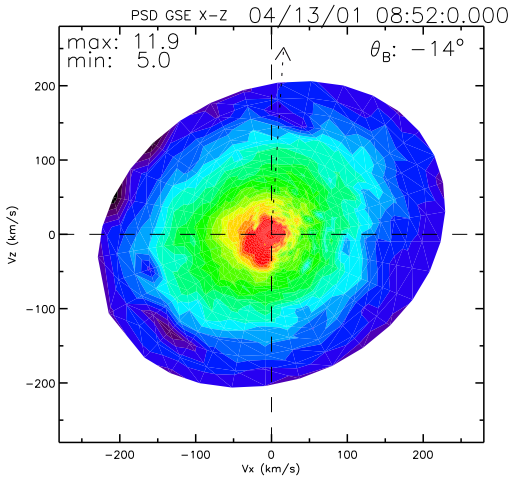
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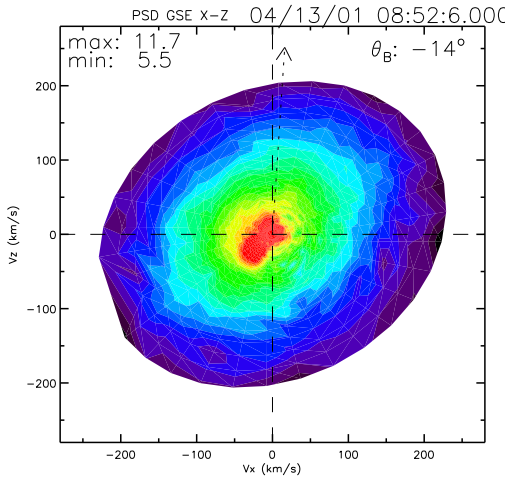
Vz (km/s)
Vx (km/s)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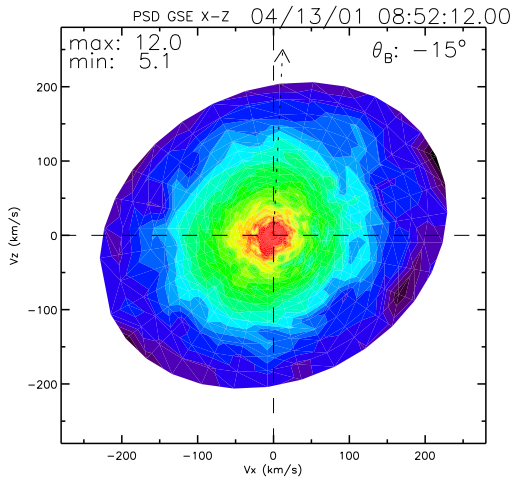
Vz (km/s)
Vx (km/s)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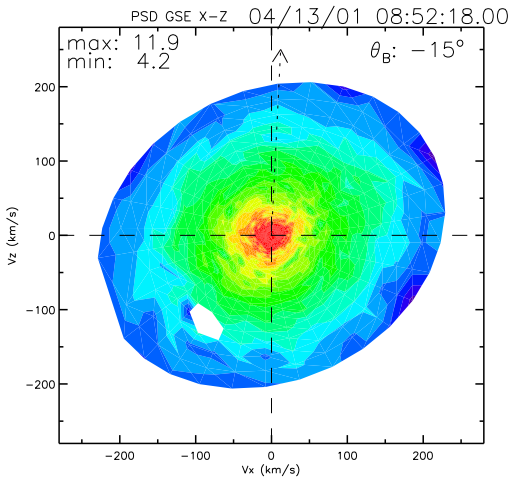
Vz (km/s)
Vx (km/s)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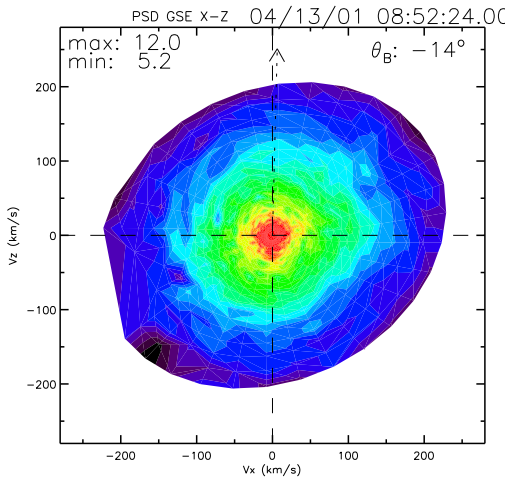
Vz (km/s)
Vx (km/s)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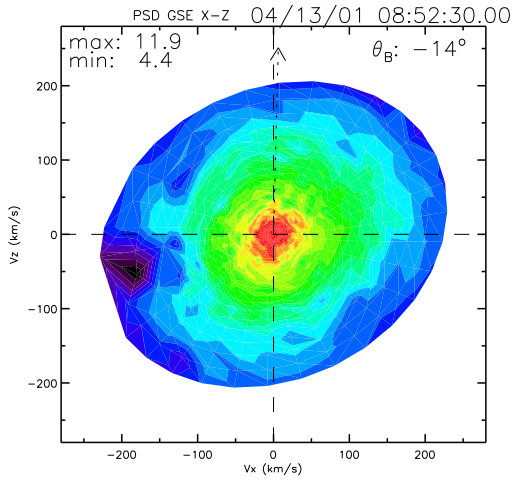
Vz (km/s)
Vx (km/s)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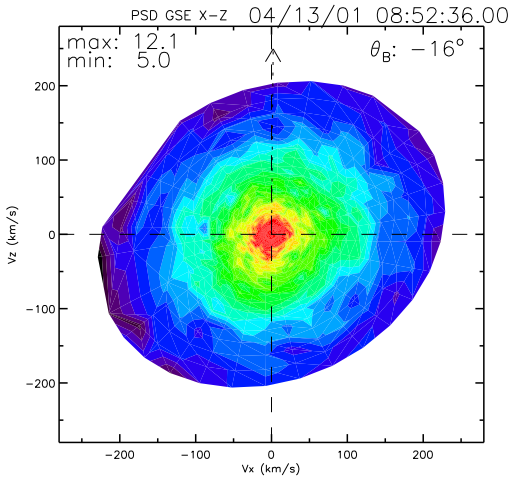
min: 4.4
θ_B: −14°
Vz (km/s)
Vx (km/s)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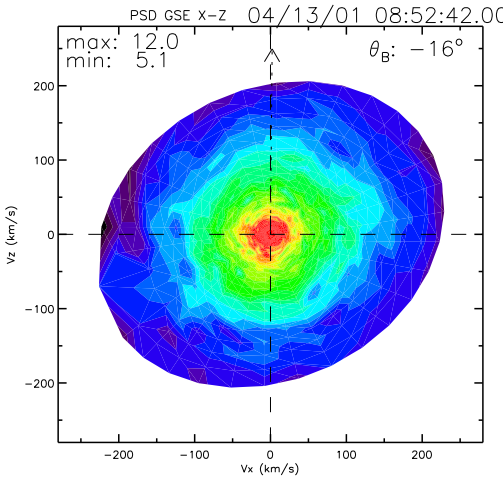
Vz (km/s)
Vx (km/s)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Vz (km/s)
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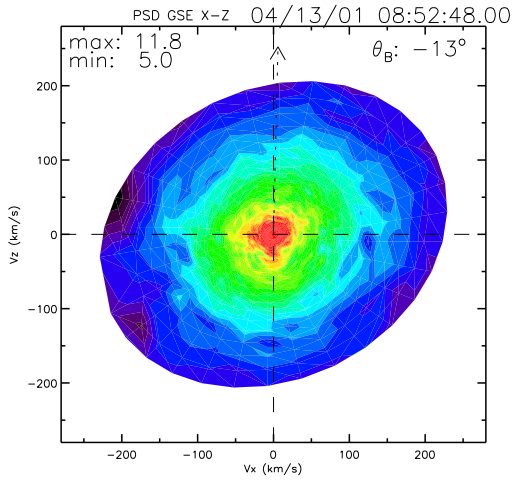
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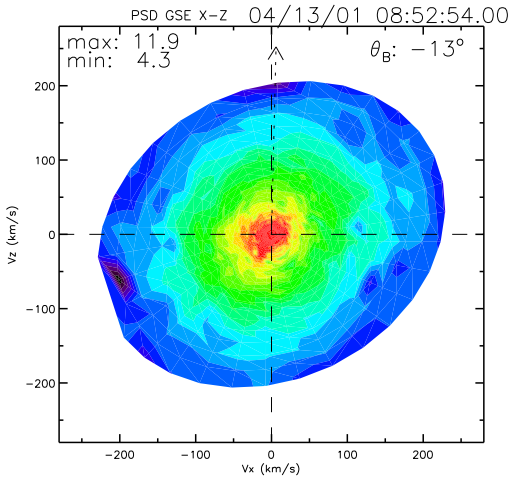
Vz (km/s)
Vx (km/s)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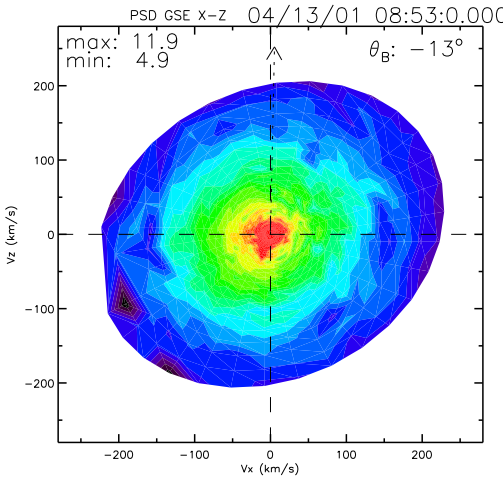
Vz (km/s)
Vx (km/s)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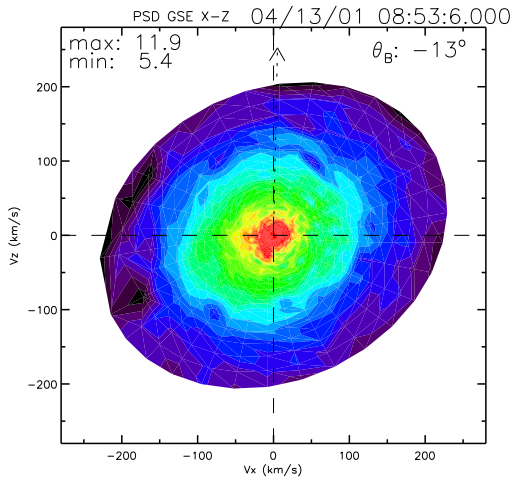
Vz (km/s)
Vx (km/s)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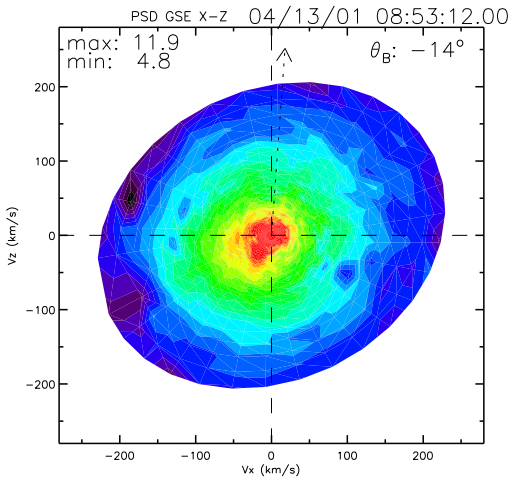
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Vz (km/s)
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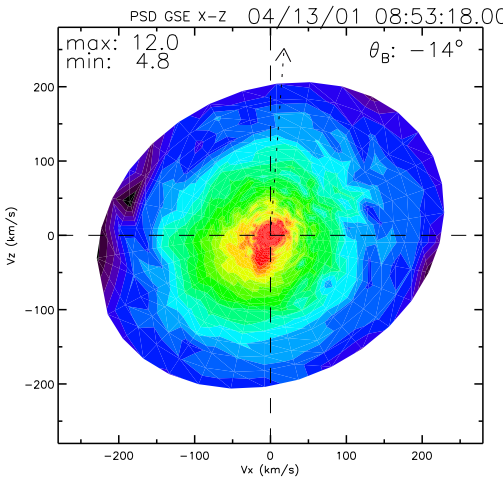
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Vz (km/s)
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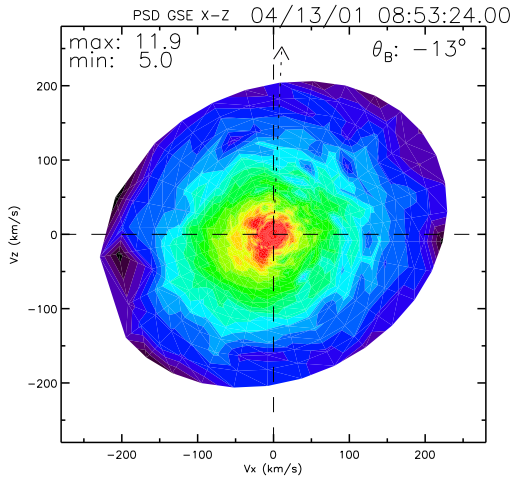
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Vz (km/s)
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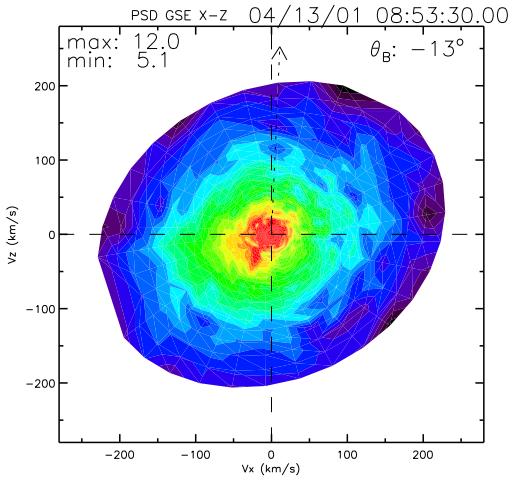
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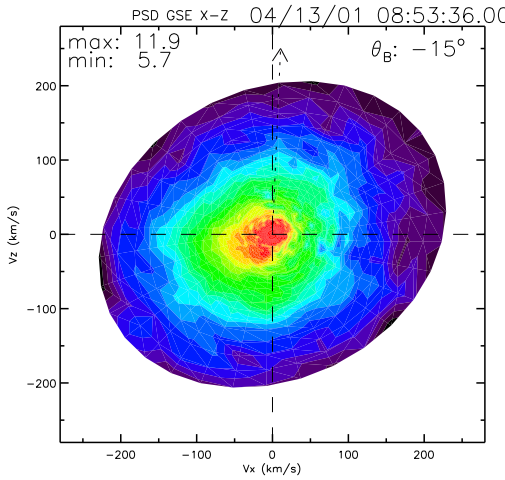
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Vz (km/s)
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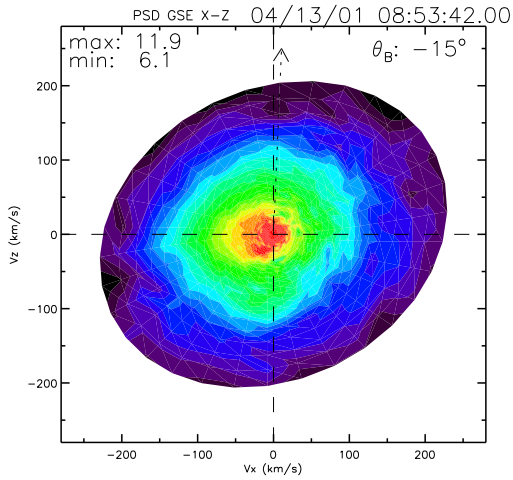
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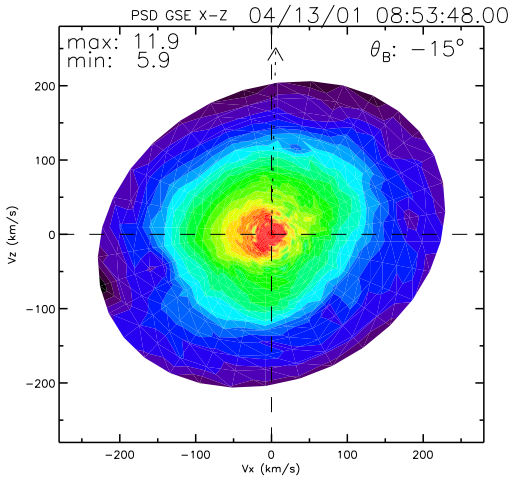
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Vz (km/s)
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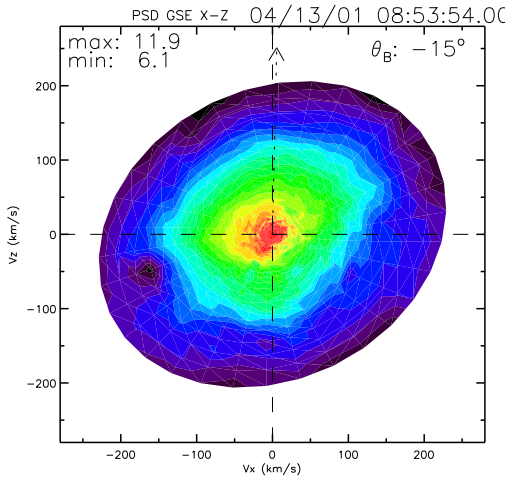
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Vz (km/s)
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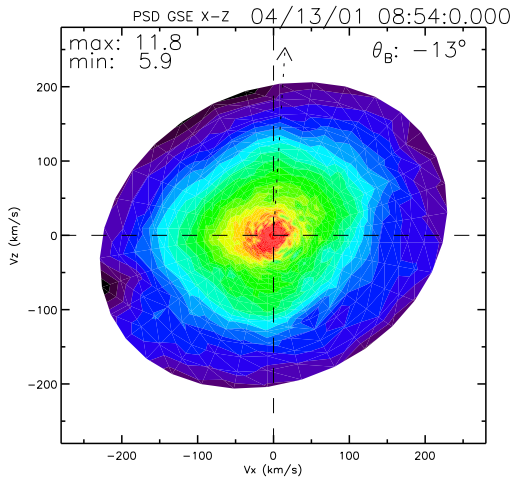
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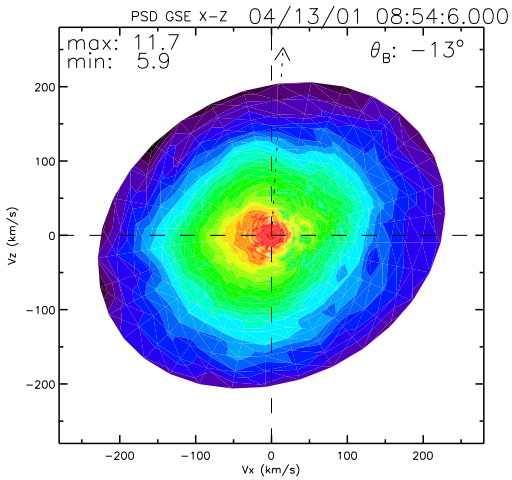
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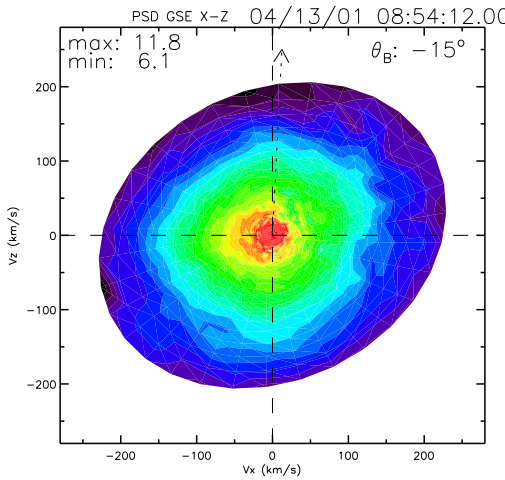
Vx (km/s)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Vz (km/s)
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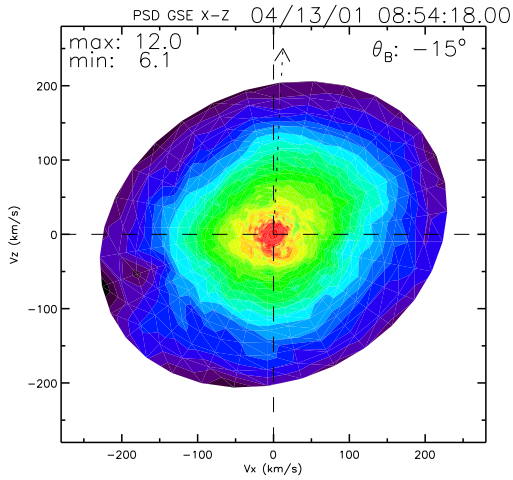
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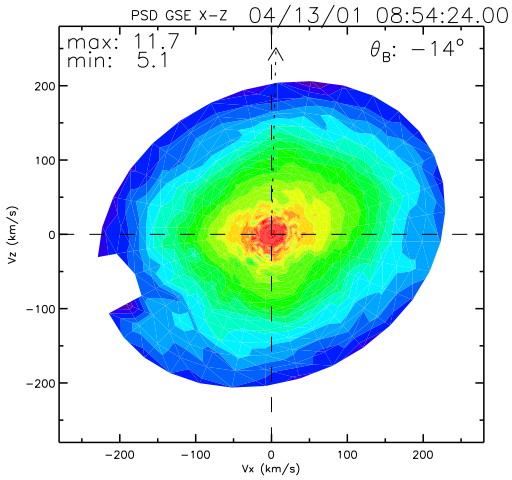
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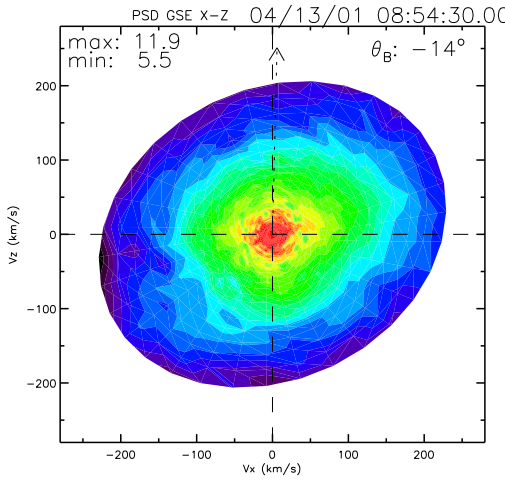
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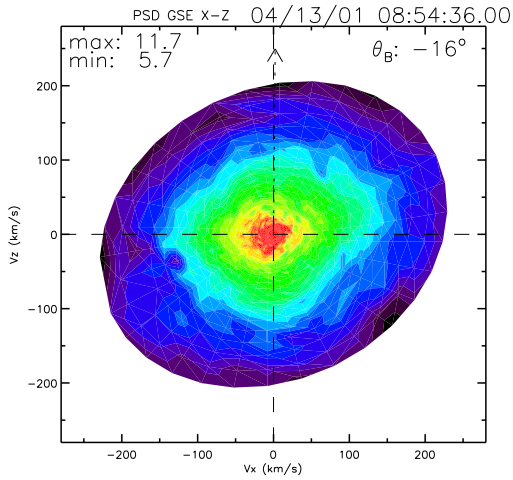
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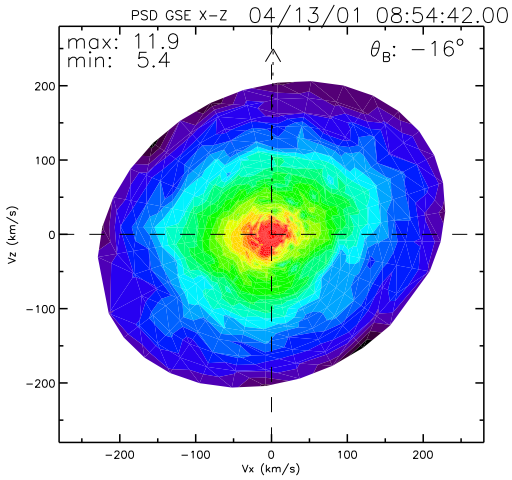
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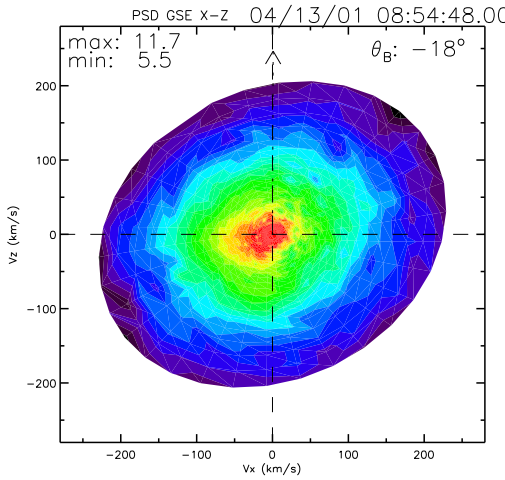
Vx (km/s)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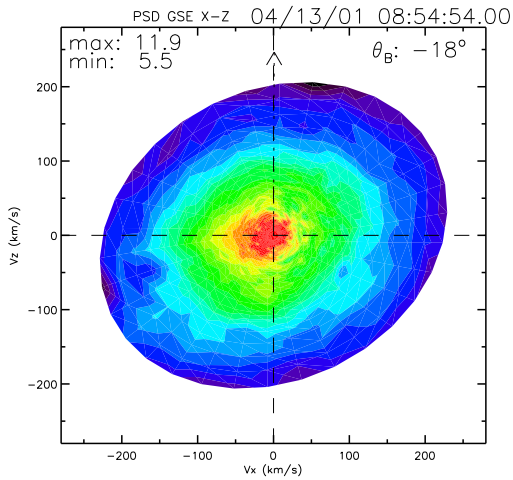
Vx (km/s)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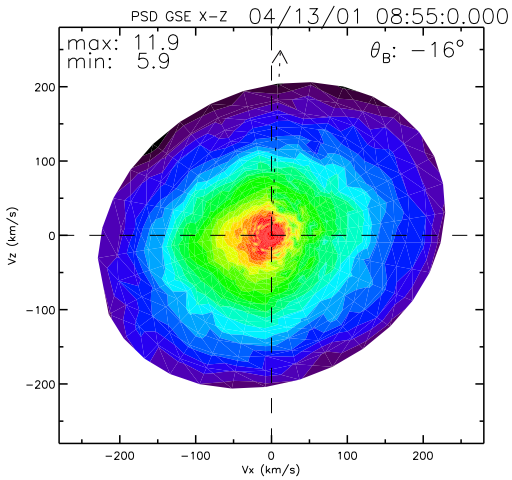
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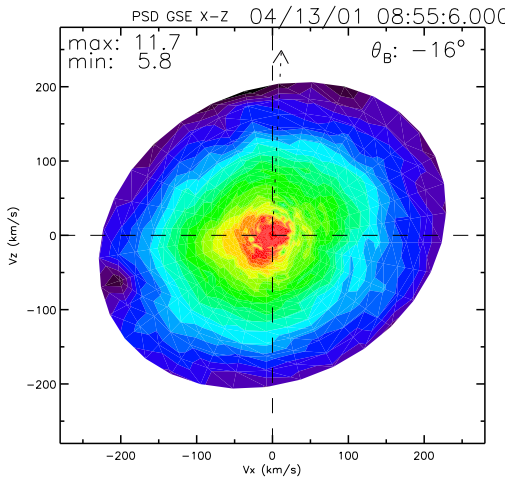
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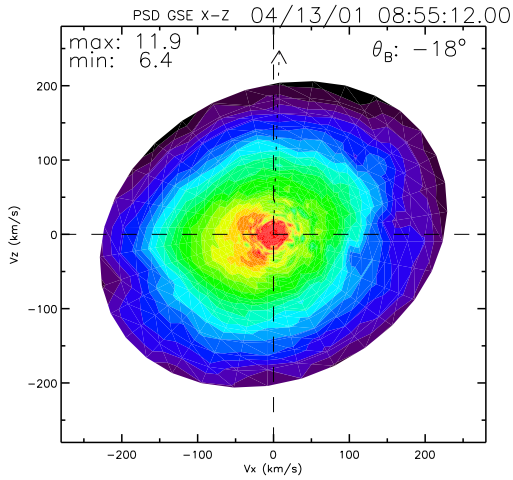
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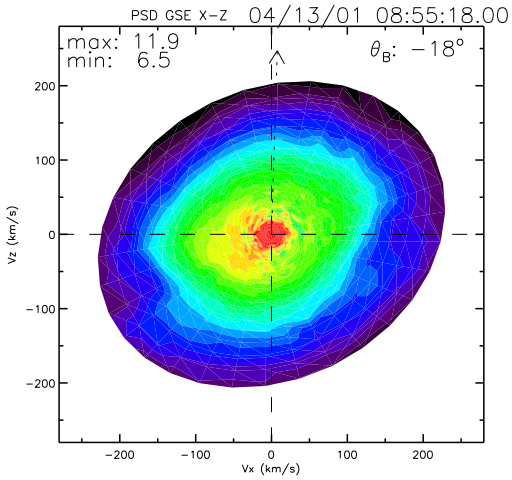
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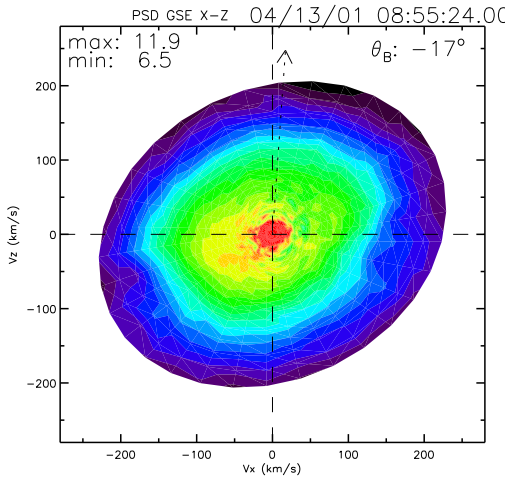
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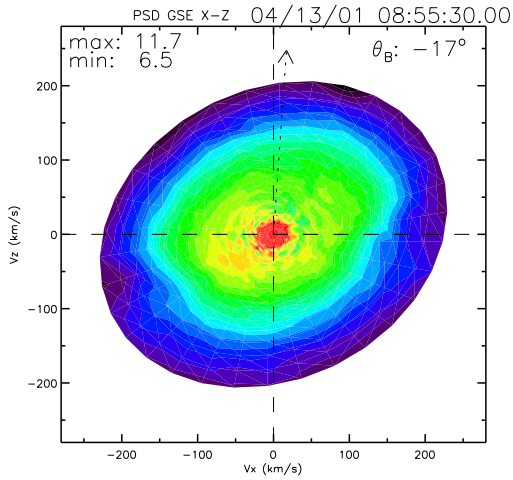
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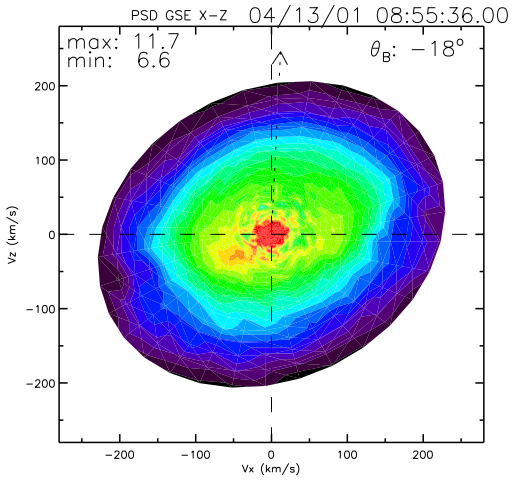
Vz (km/s)
Vx (km/s)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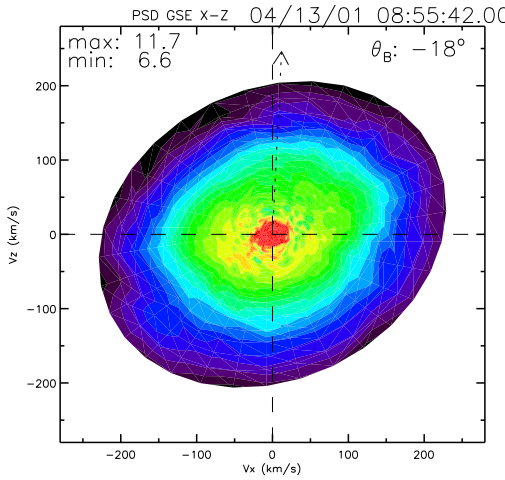
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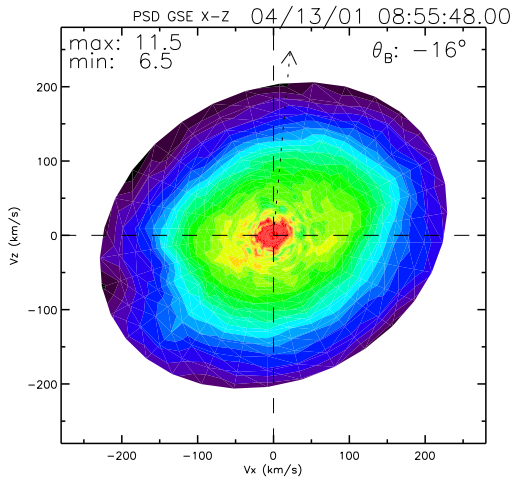
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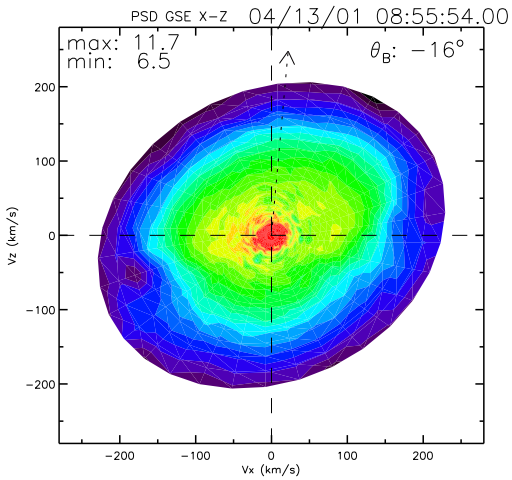
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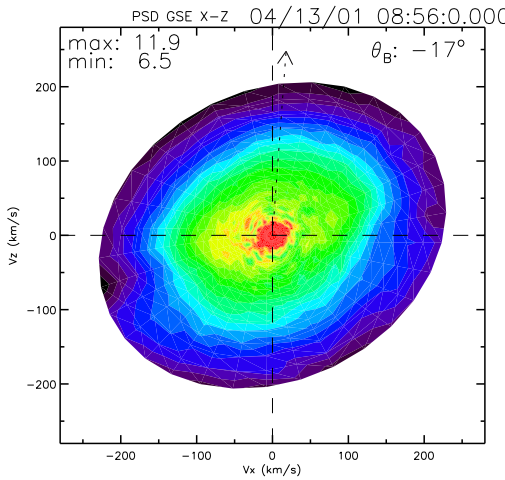
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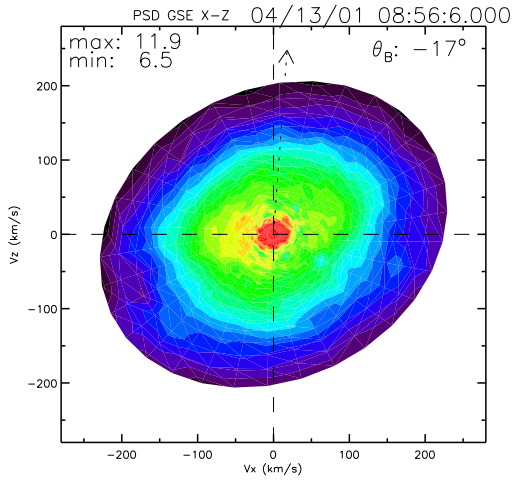
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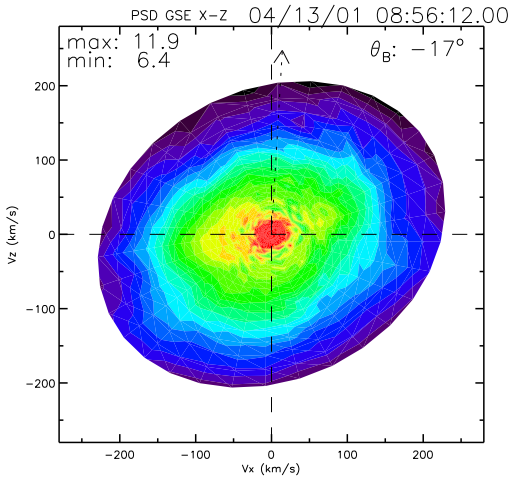
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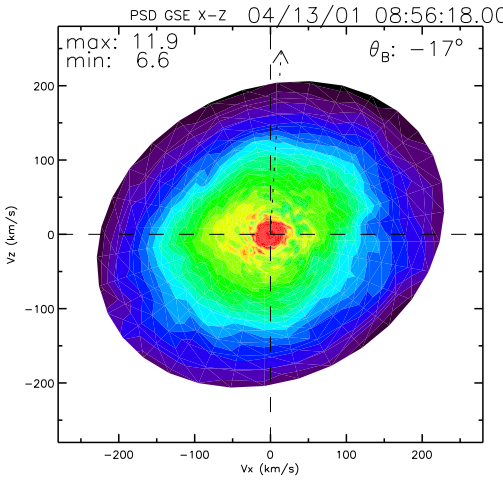
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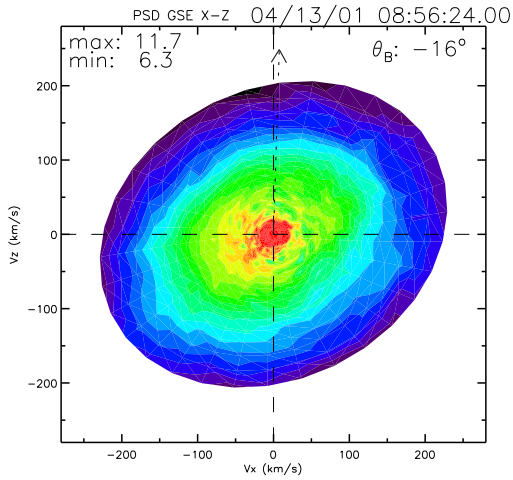
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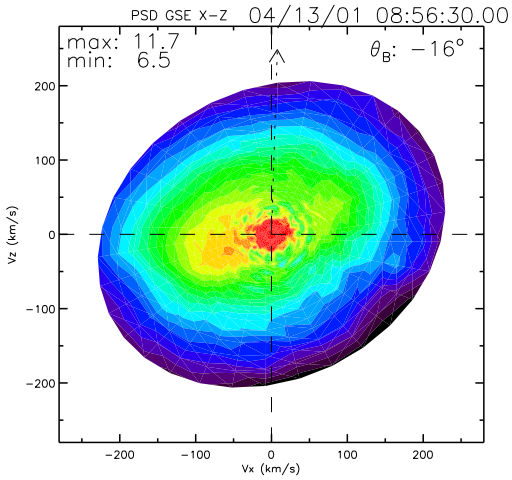
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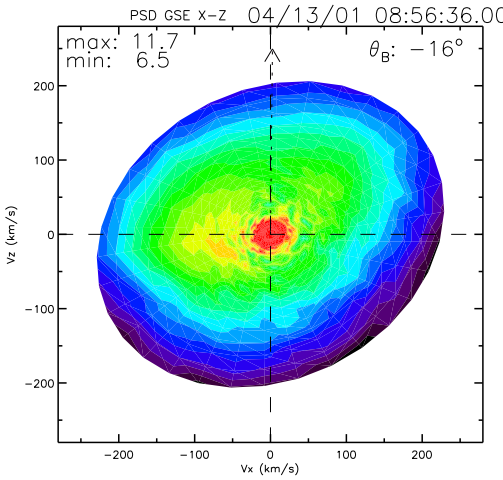
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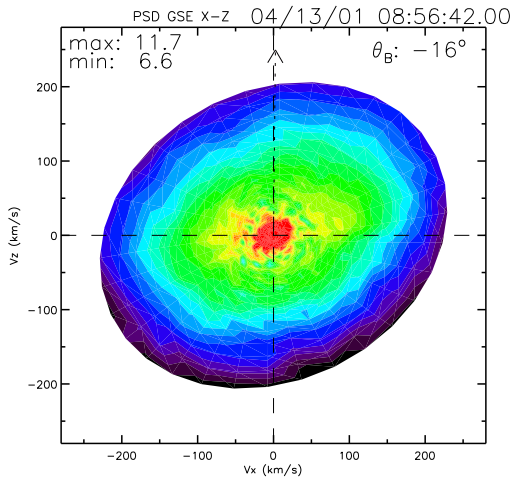
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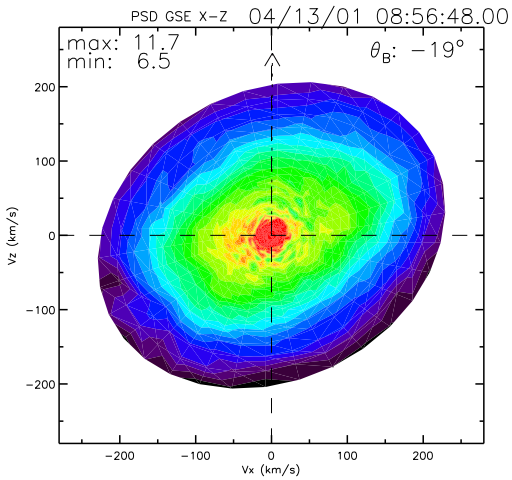
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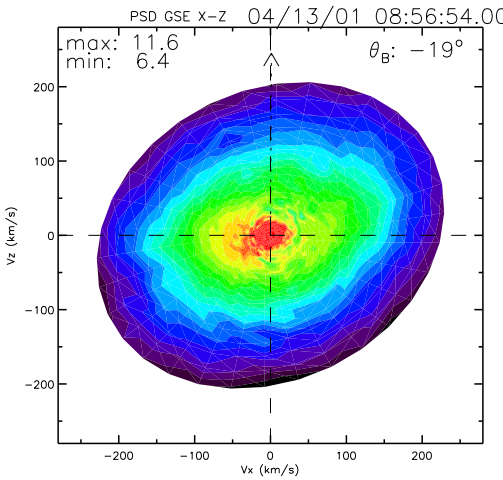
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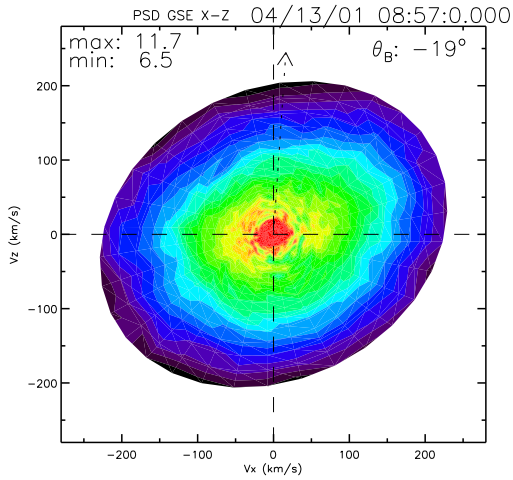
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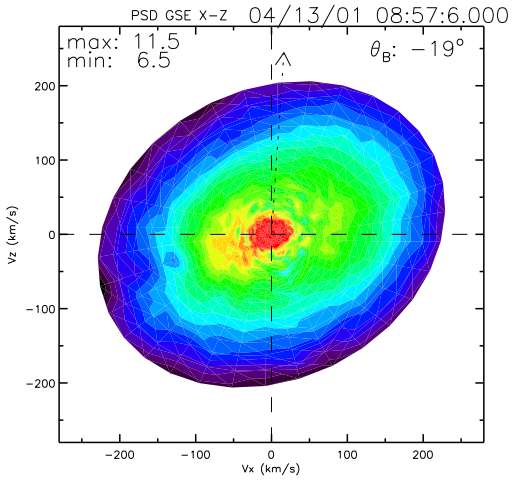
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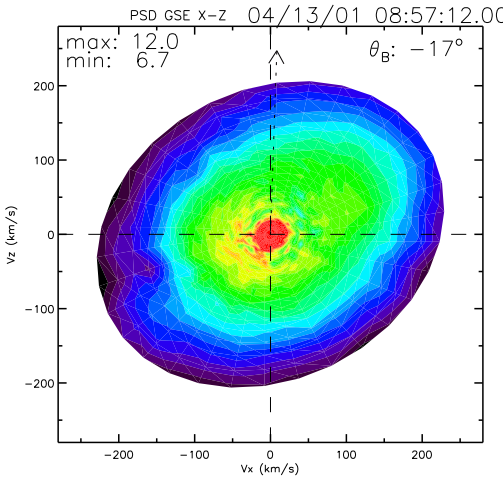
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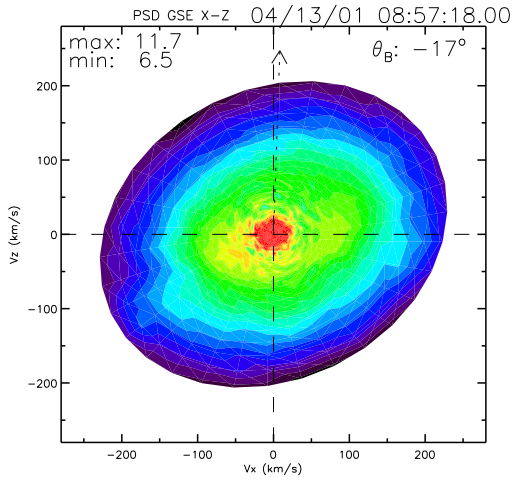
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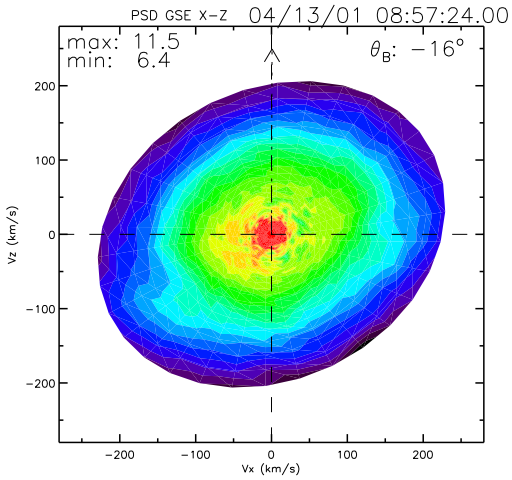
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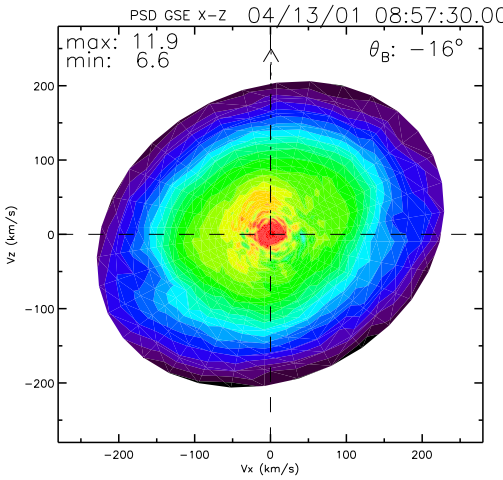
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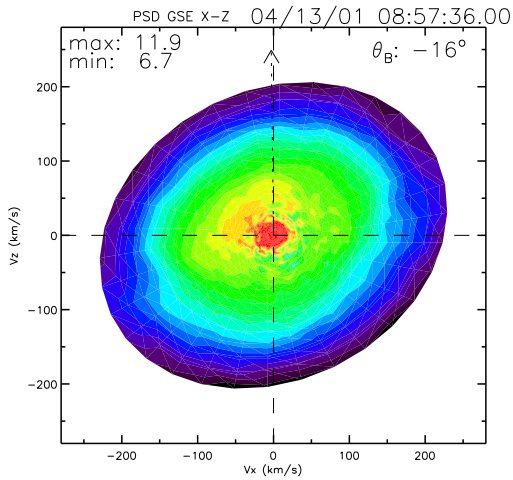
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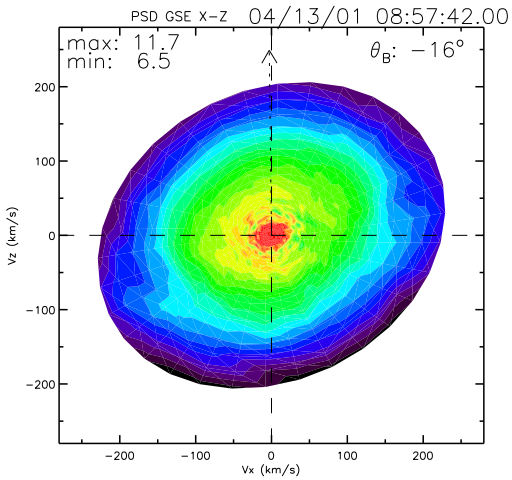
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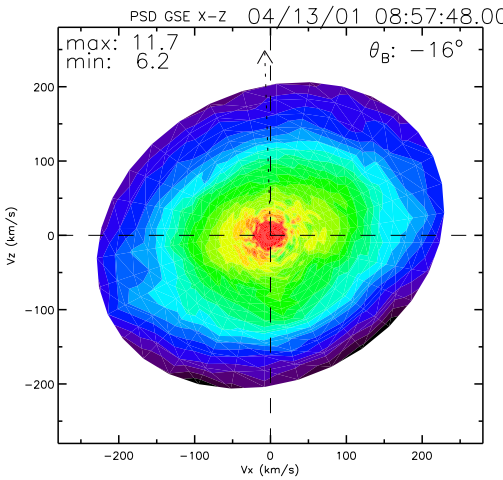
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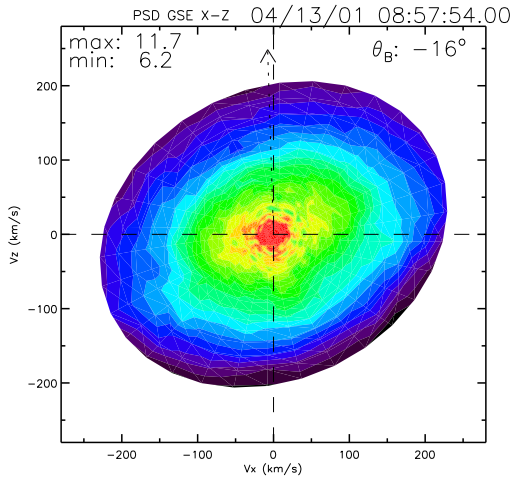
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Vz (km/s)
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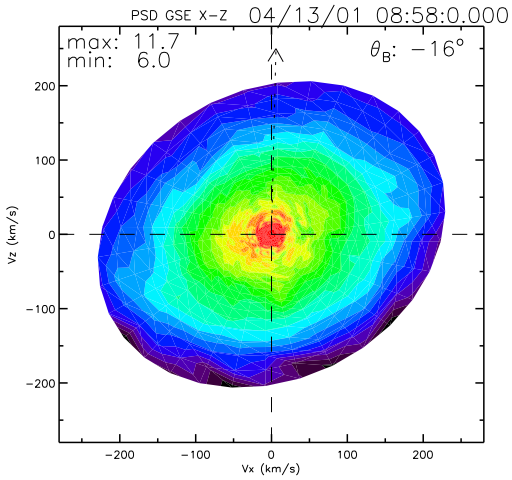
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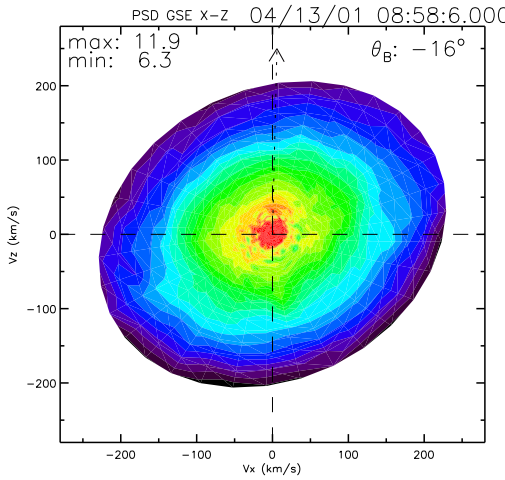
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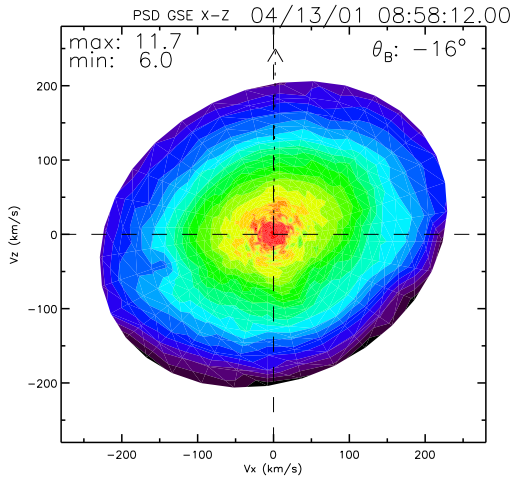
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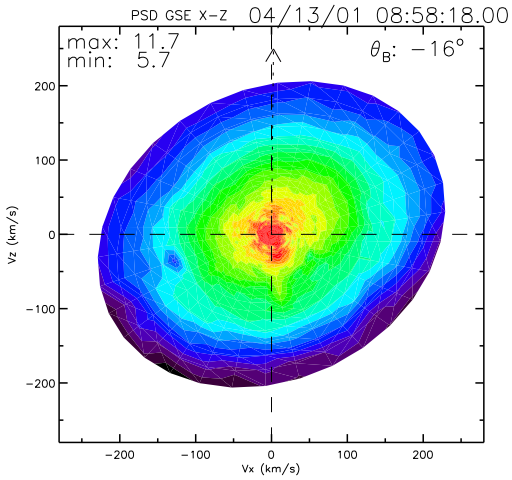
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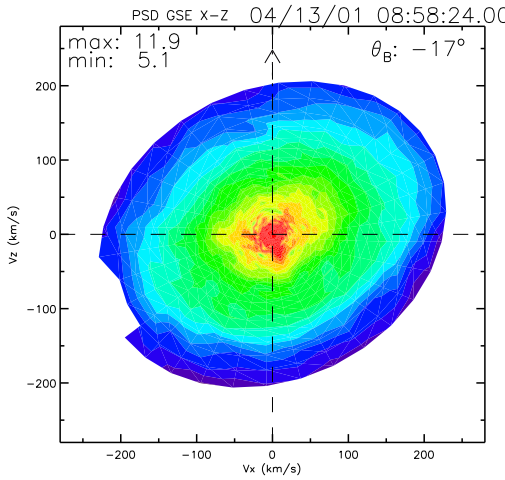
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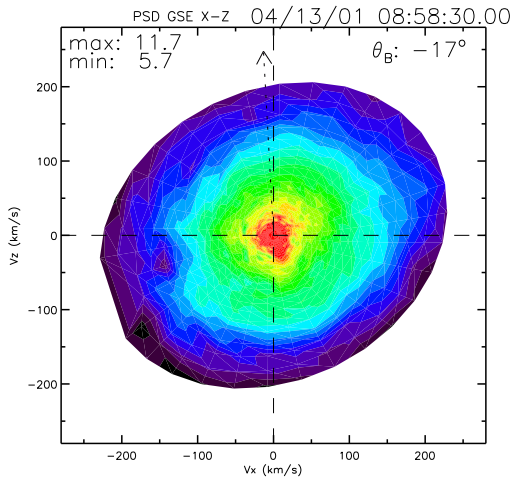
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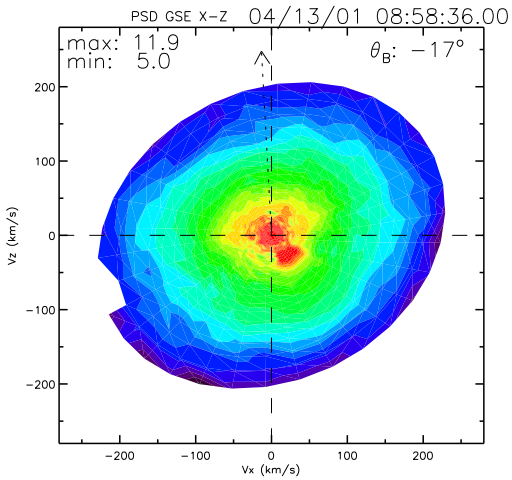
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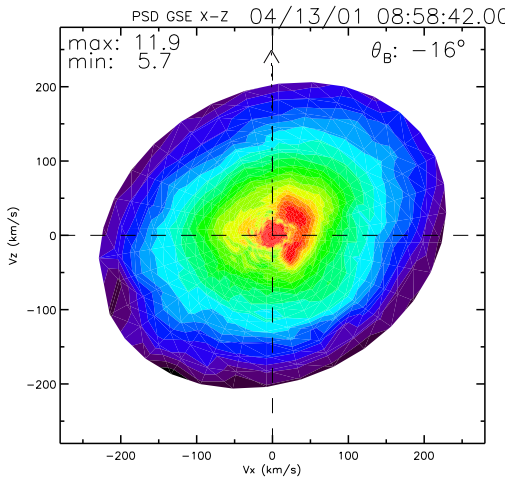
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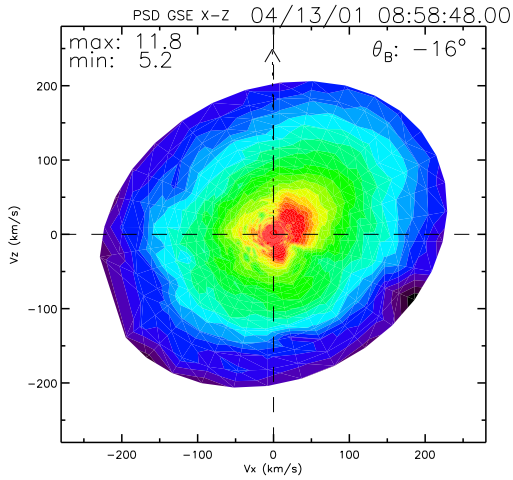
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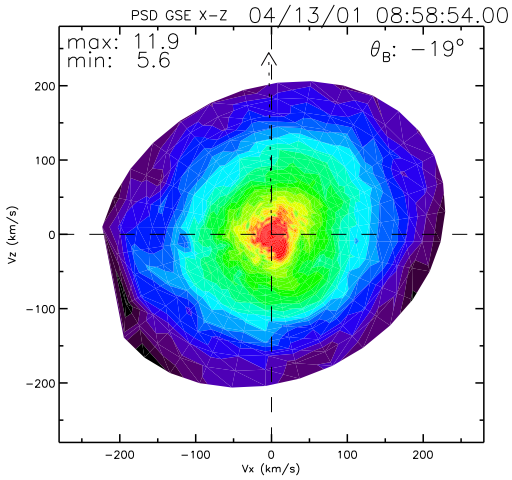
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Vz (km/s)
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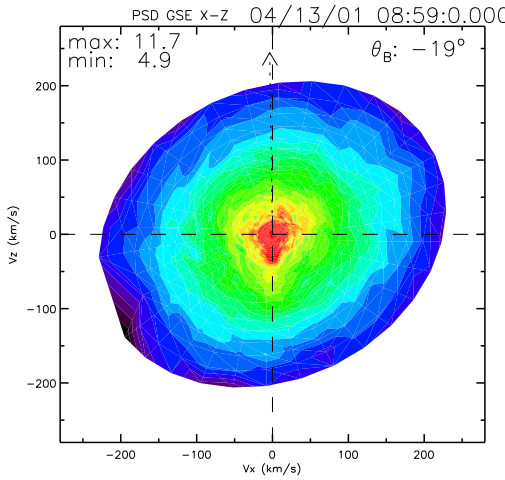
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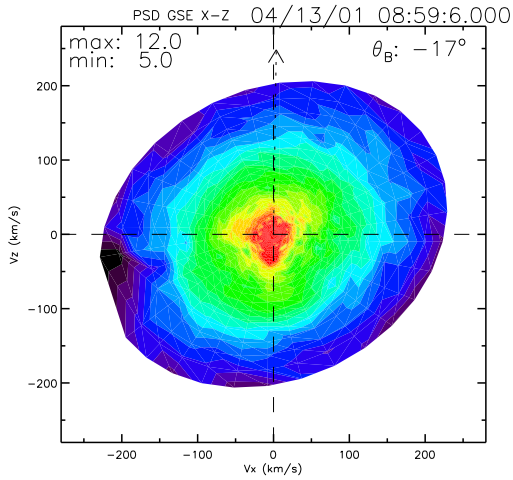
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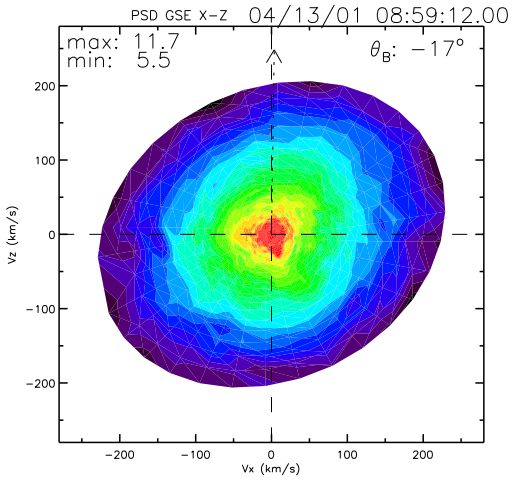
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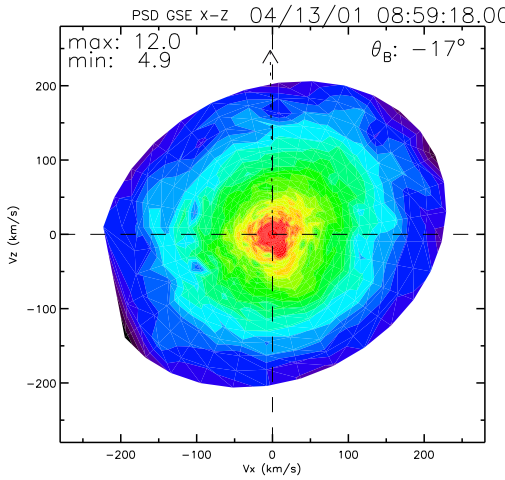
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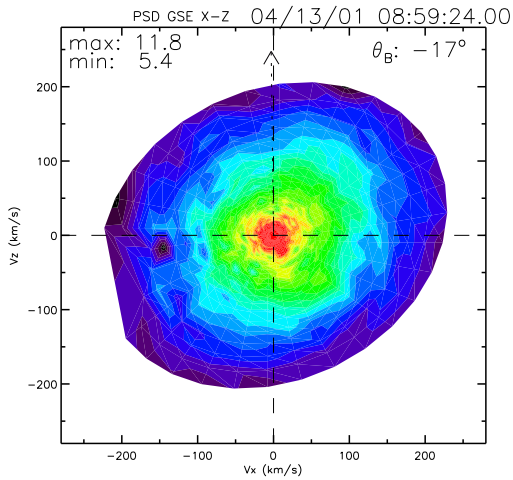
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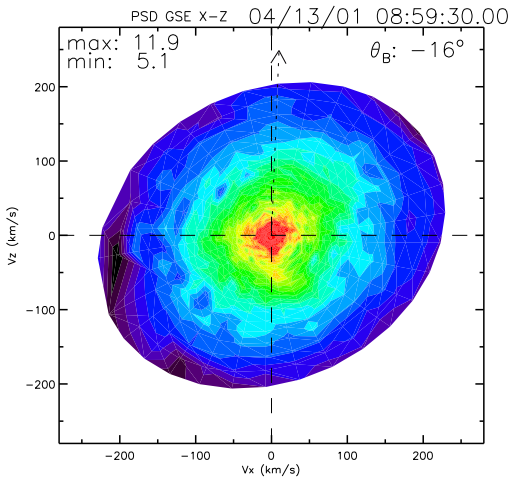
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Vz (km/s)
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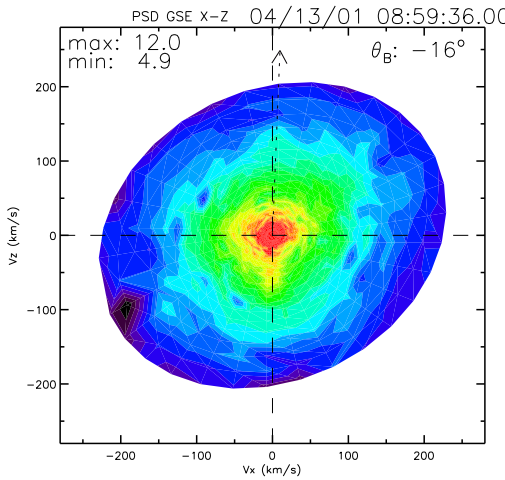
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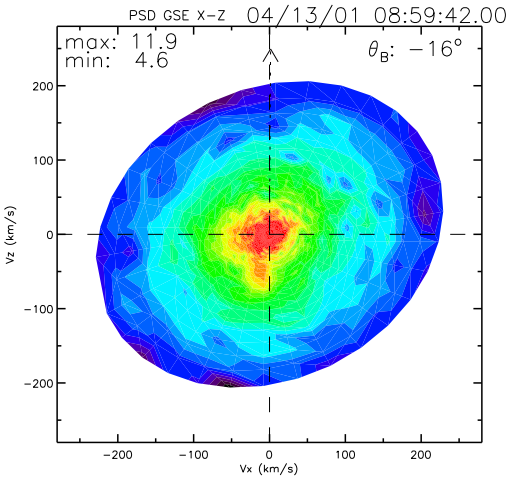
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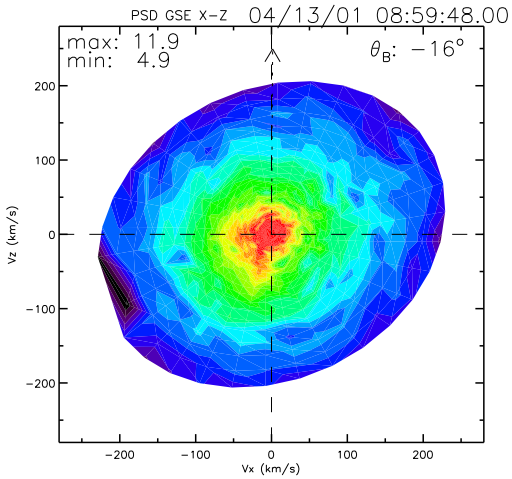
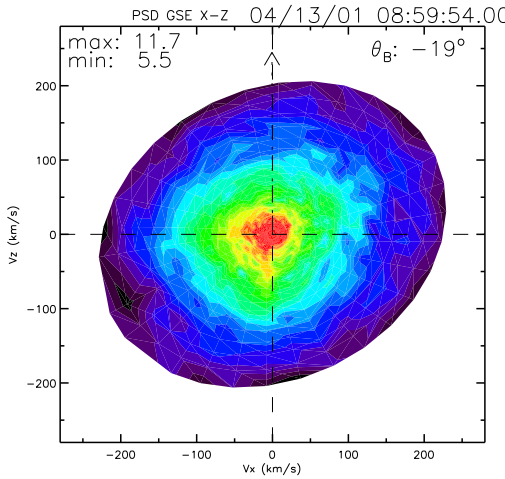
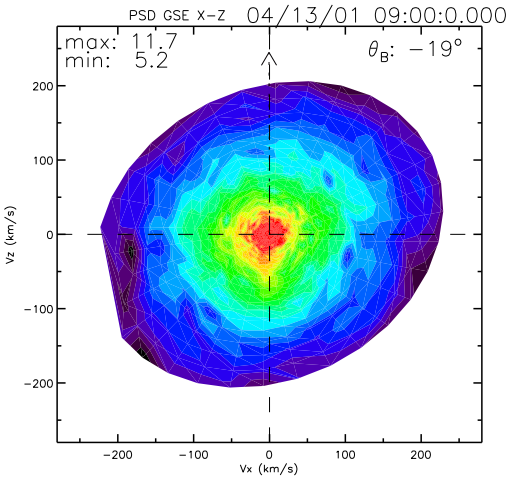
θ_B: −16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 04/13/01 08:59:48.00
max: 11.9
min: 4.9
θ_B: −16°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 04/13/01 08:59:54.00
max: 11.7
min: 5.5
θ_B: −19°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200


PSD GSE X-Z 04/13/01 09:00:0.000
max: 11.7
min: 5.2
θ_B: −19°
Vz (km/s)
Vx (km/s)
200
100
0
−100
−200