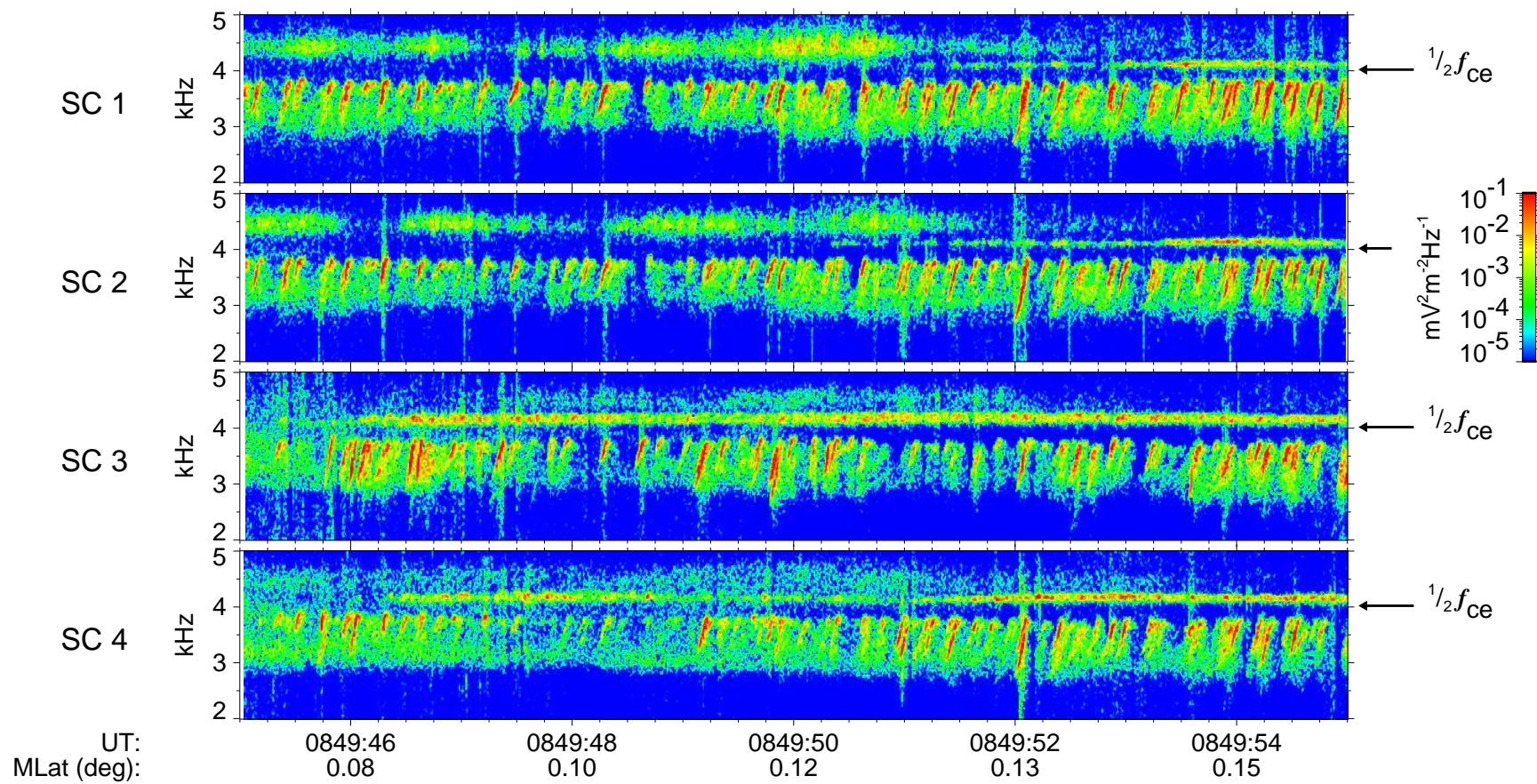
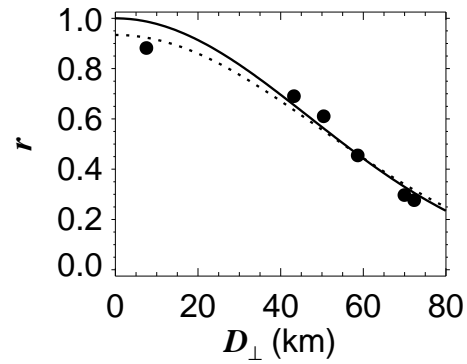


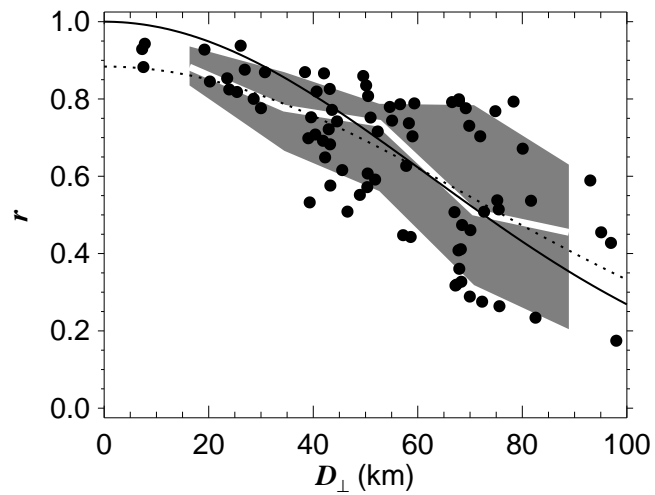
April 18, 2002 (R=4.4R_E, MLT=2100)



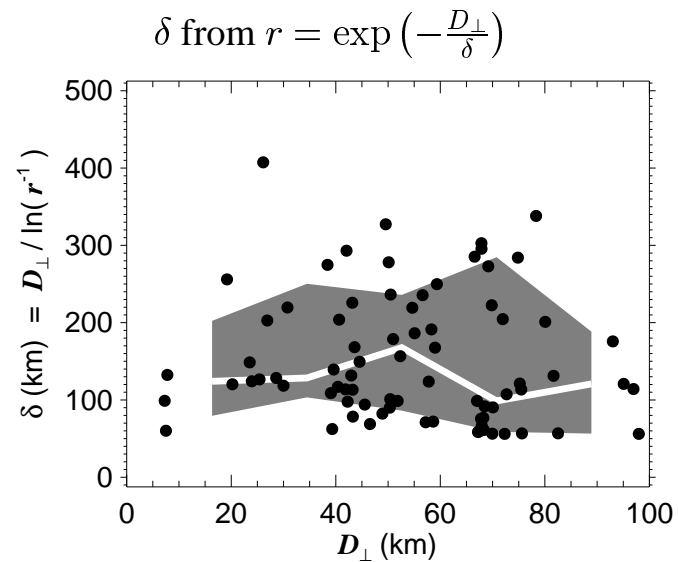
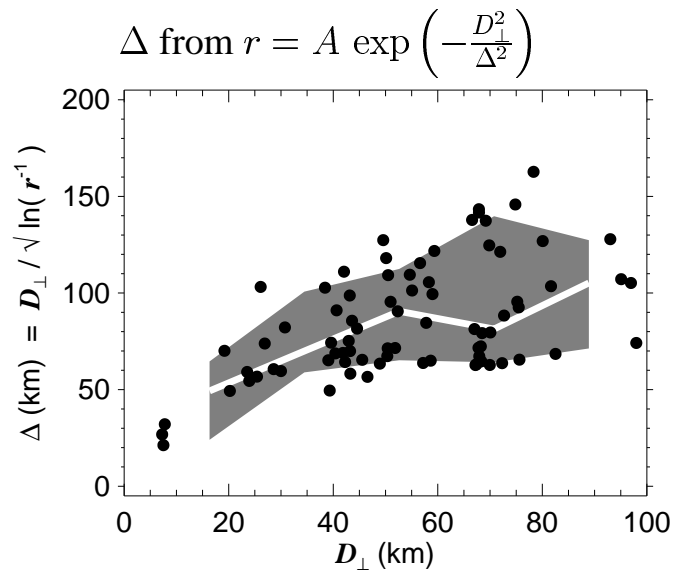
S/C	D_{\parallel}	D_{\perp}	r	ρ	P_{ρ}
1-2	187 km	7 km	0.88	0.87	$< 10^{-38}$
1-3	258 km	72 km	0.28	0.30	10^{-6}
1-4	110 km	50 km	0.61	0.60	10^{-25}
2-3	70 km	69 km	0.30	0.32	10^{-7}
2-4	-77 km	43 km	0.69	0.70	10^{-37}
3-4	-148 km	58 km	0.45	0.47	10^{-15}



$$r = A \exp\left(-\frac{D_{\perp}^2}{\Delta^2}\right) \quad \text{Solid line: } A = 1 \text{ (fixed), } \Delta = 66 \text{ km.} \quad \text{Dotted line: } A = 0.93, \Delta = 70 \text{ km.}$$

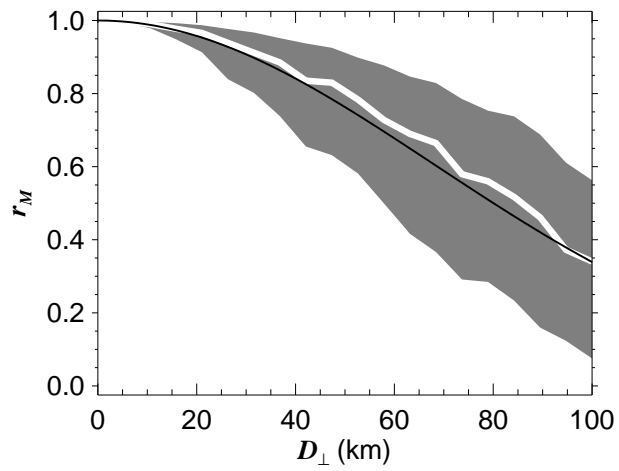


13 intervals.
 Solid line: $A = 1$ (fixed), $\Delta = 87$ km
 Dotted line: $A = 0.88$ and $\Delta = 101$ km

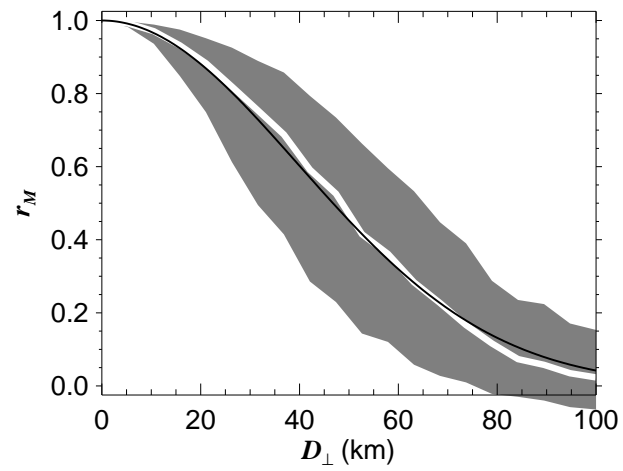


Simulation of random chorus sources: $P(\mathbf{x}) = P_i \exp\left(-\frac{\|\mathbf{x}-\mathbf{X}_i\|_{\perp}^2}{d_i^2}\right)$,

$d_i=35$ km



$d_i=20$ km



$d_i=50$ km

