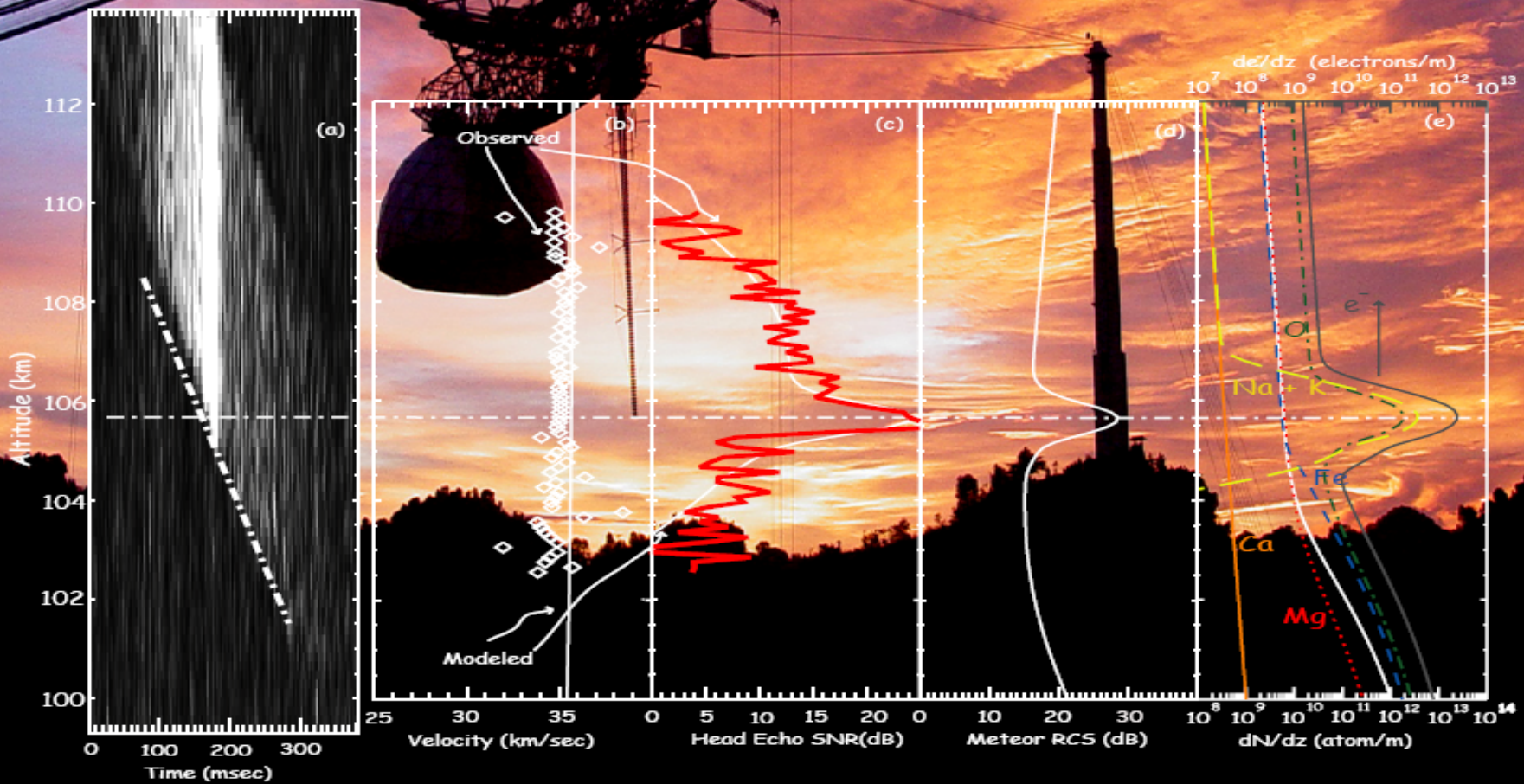


Hey! Why should I care about this problem

- The mesopause is the interface region between the lower atmosphere-geospace-**interplanetary space**
- Use these new class of observations to understand **NEW physics**:
 1. What is the material contaminating our upper atmosphere?
 2. Where did it come from? What are the implications for upper atmospheric phenomena?
 3. Convergence between solar system physics and upper atmospheric physics?

200 A

Differential Ablation



Fragmentation-Multiple Particles

