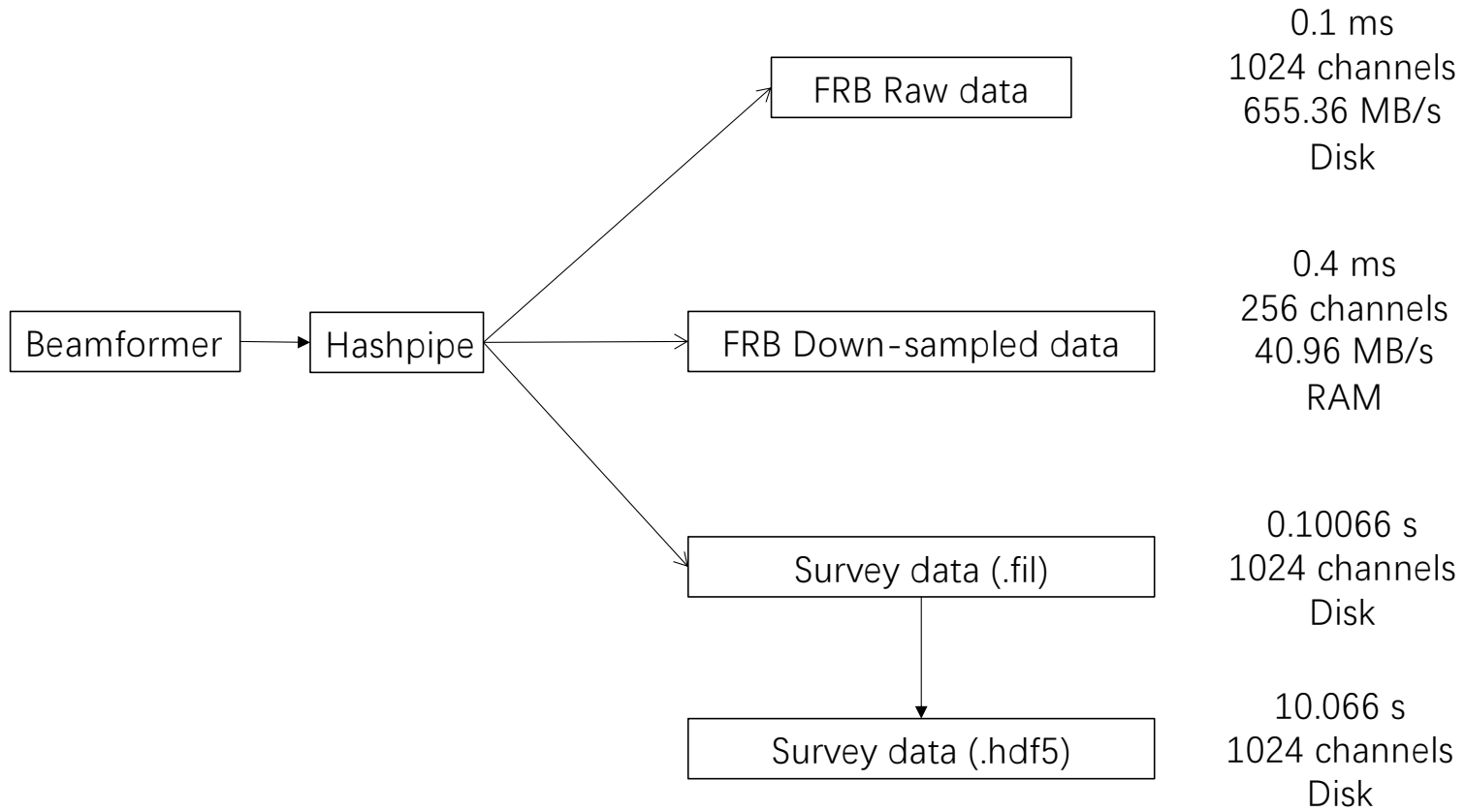


Tianlai Cylinder Array FRB backend
Beamforming Map Making

Zijie Yu



Beam 0
Az 0°
Alt 44.15°



Dec 90°

Beam 1
Az 0°
Alt 45.15°



Dec 89°

Beam 2
Az 0°
Alt 46.14°



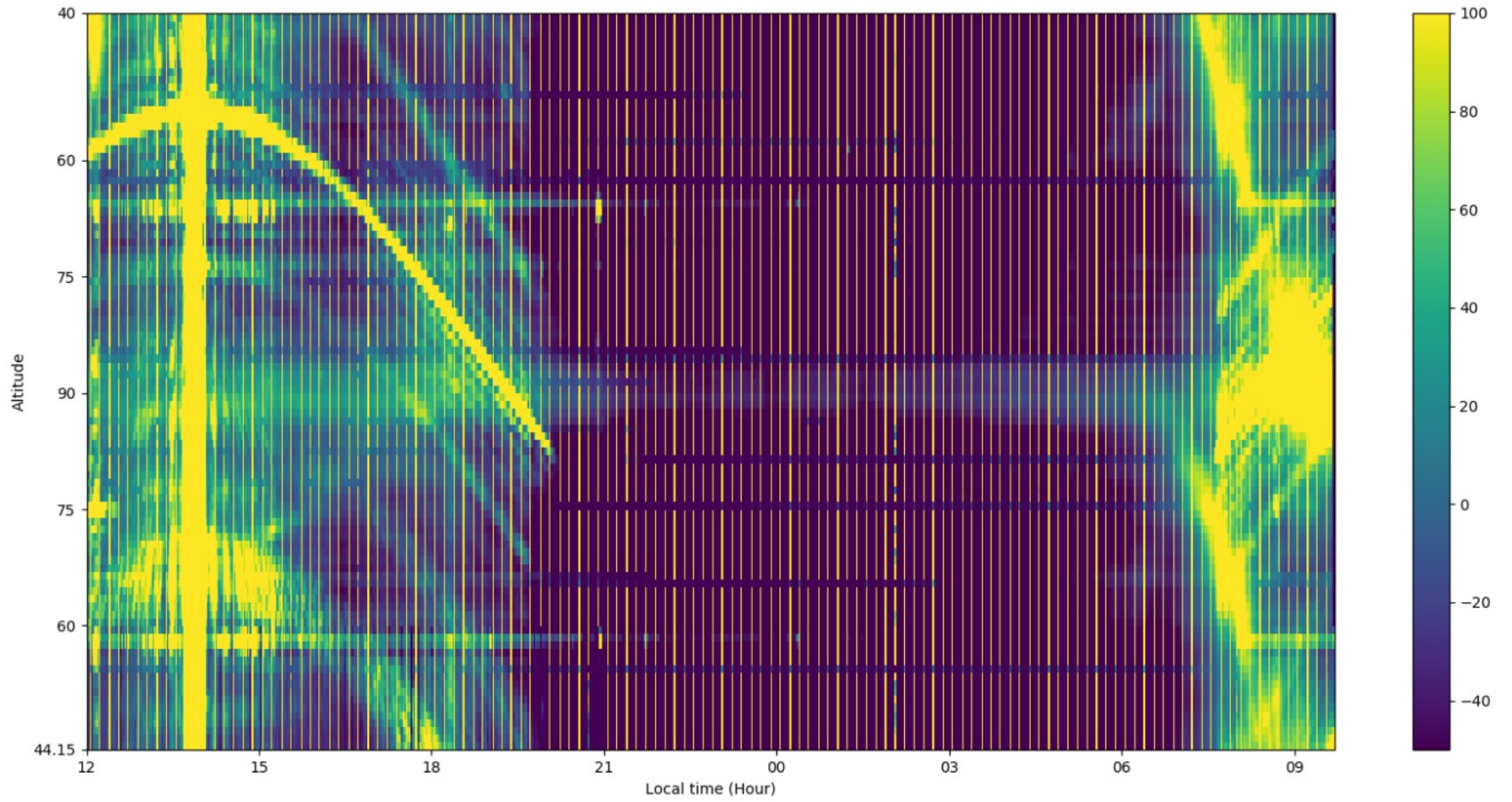
Dec 88°

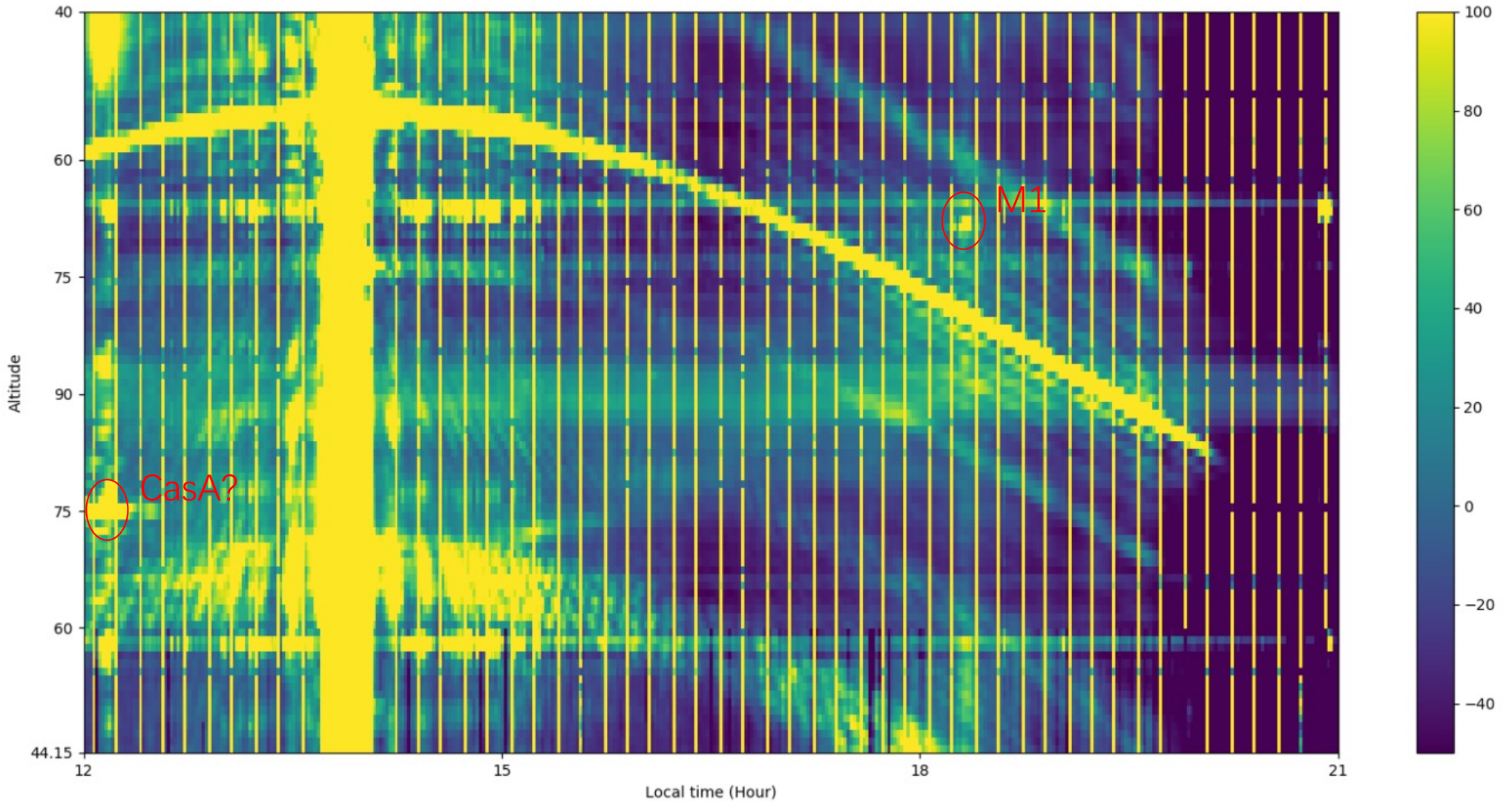
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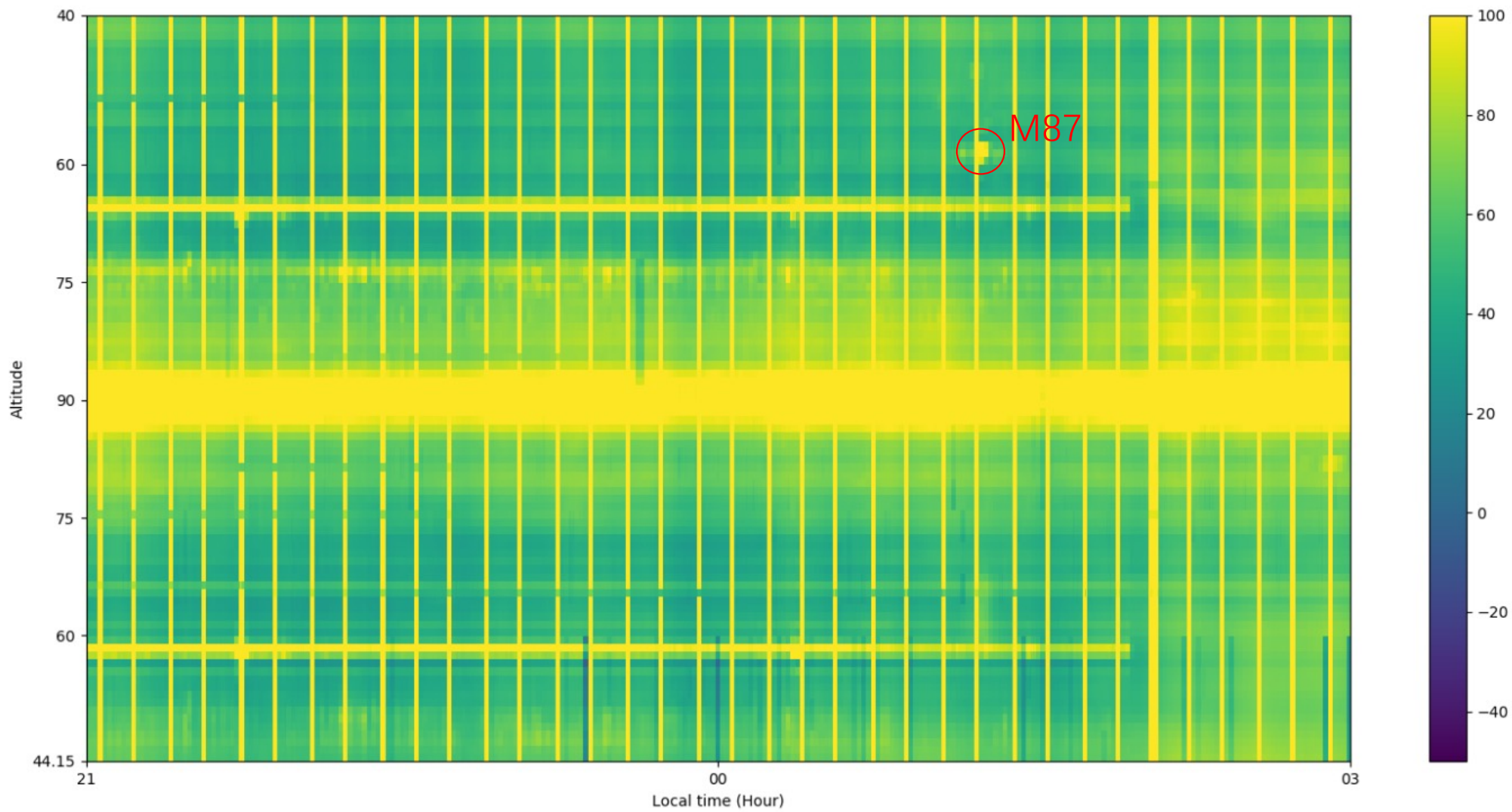
Beam 95
Az 180°
Alt 40.00°

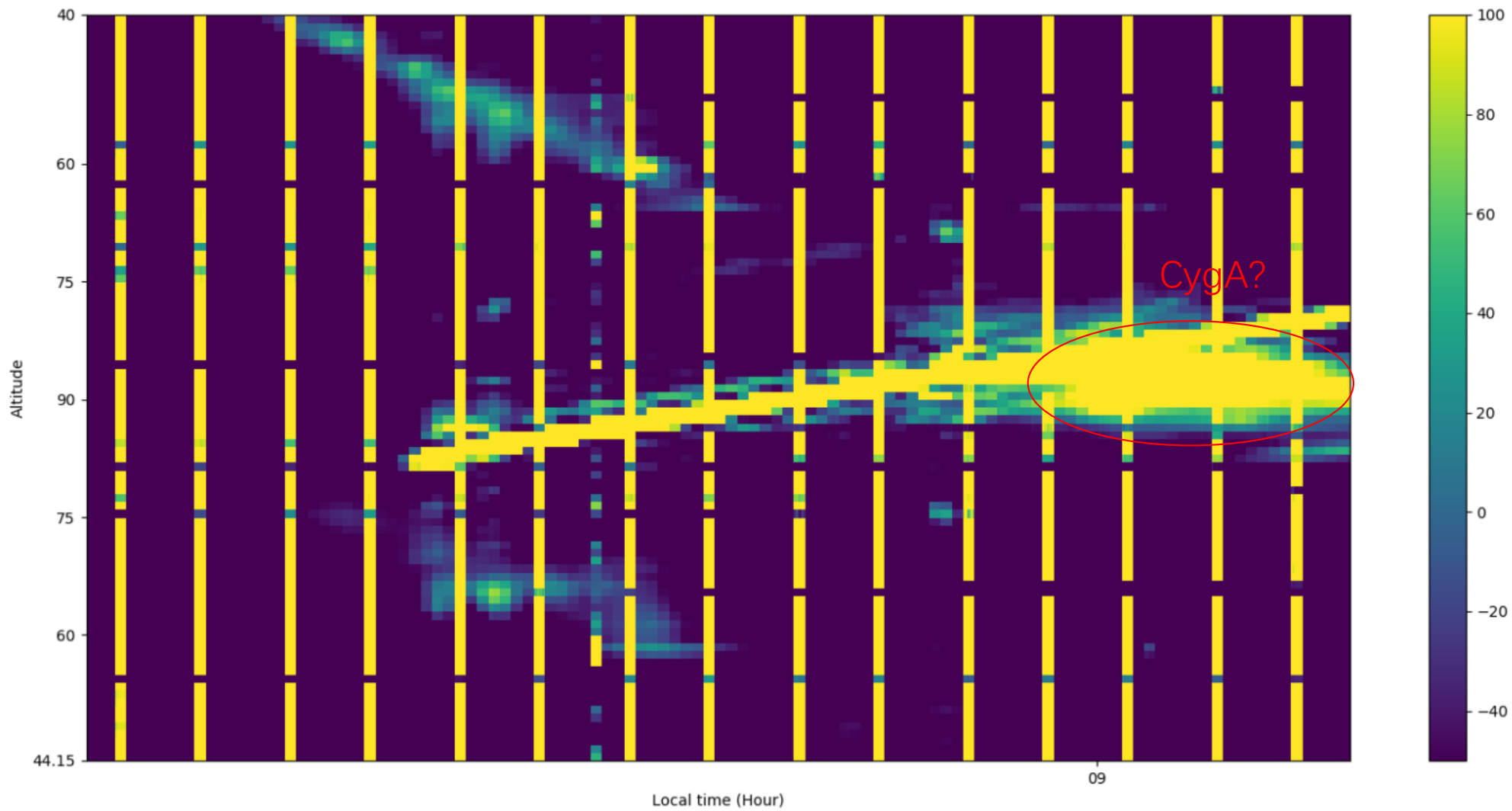


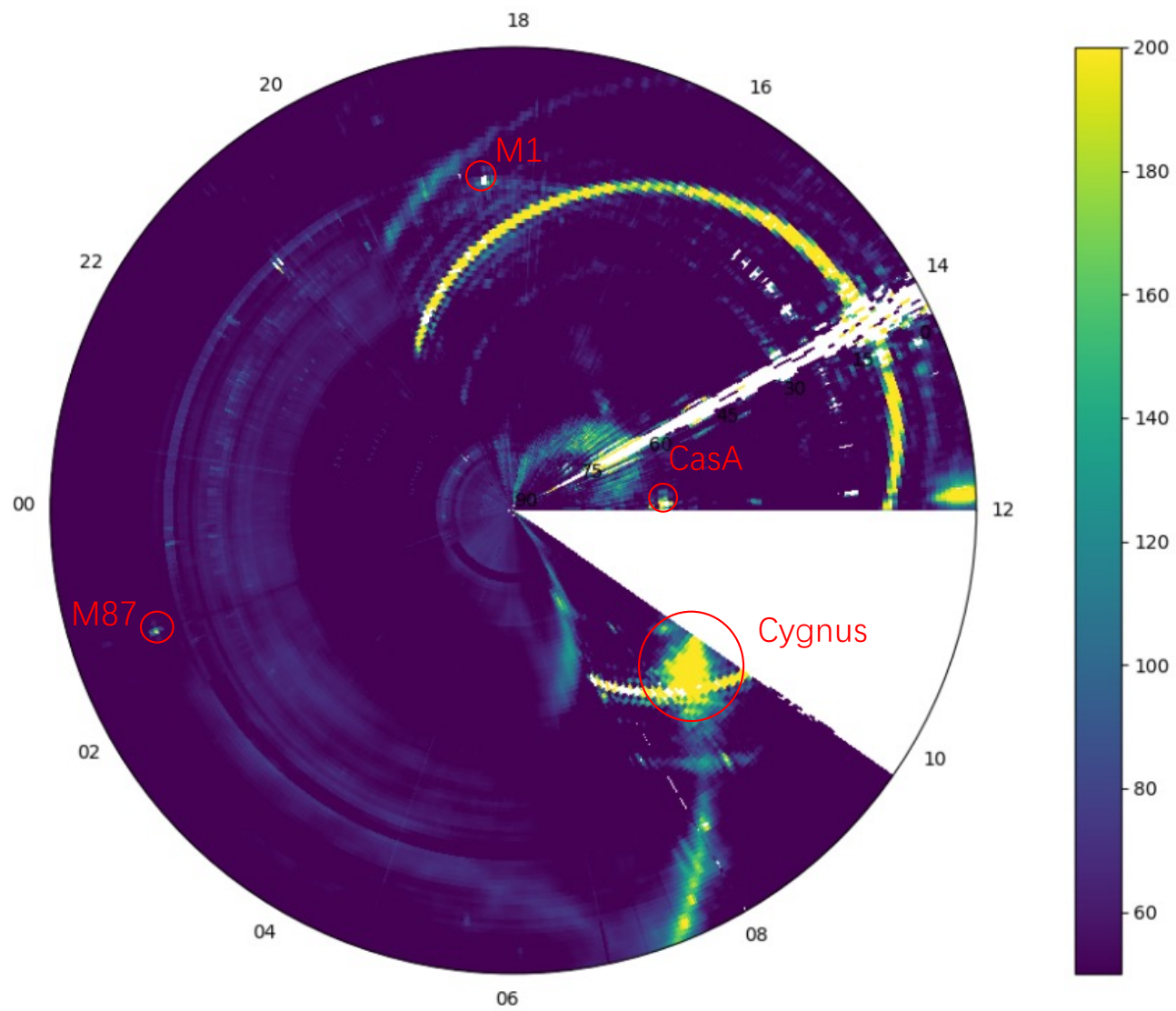
Dec -5°

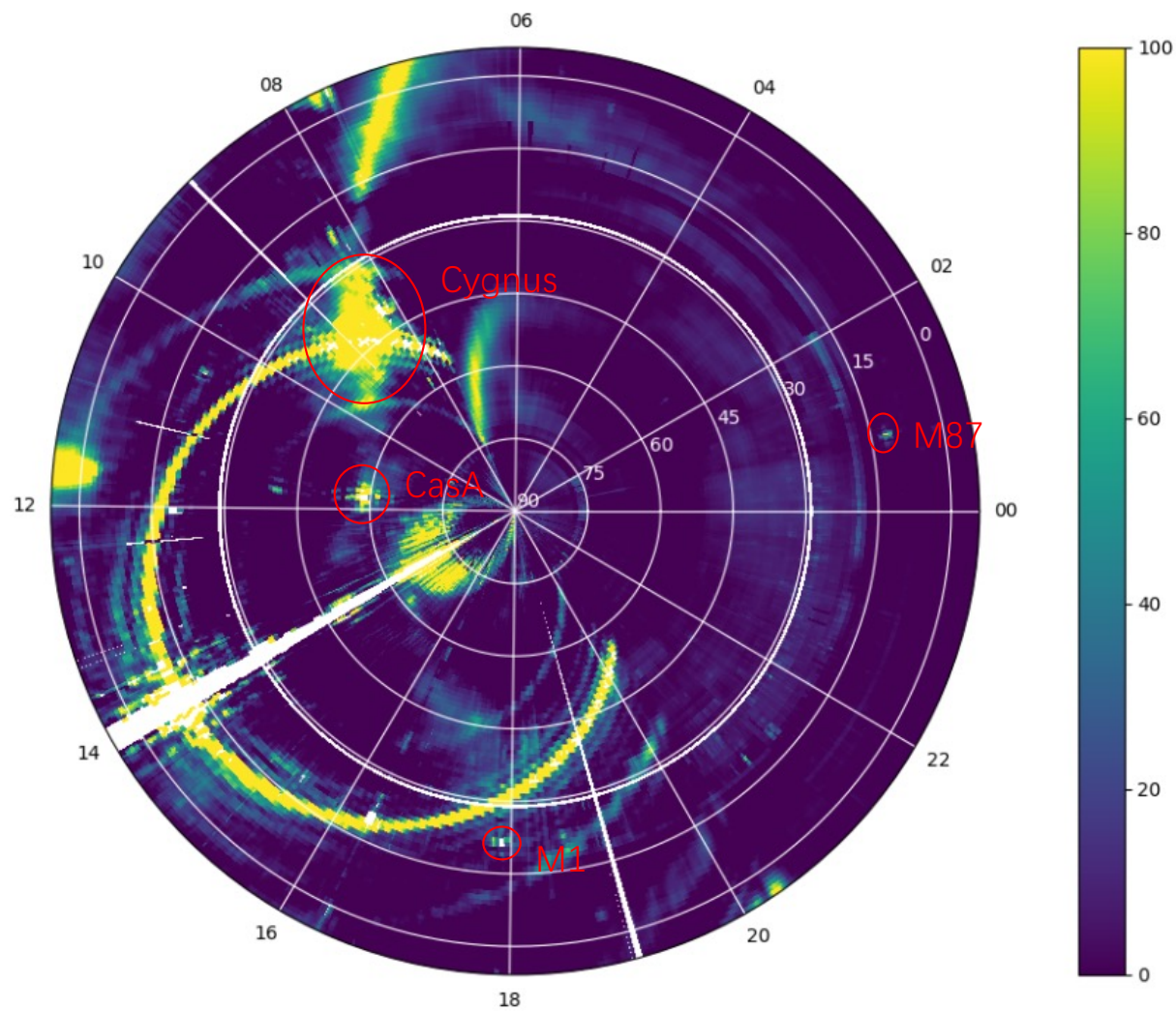


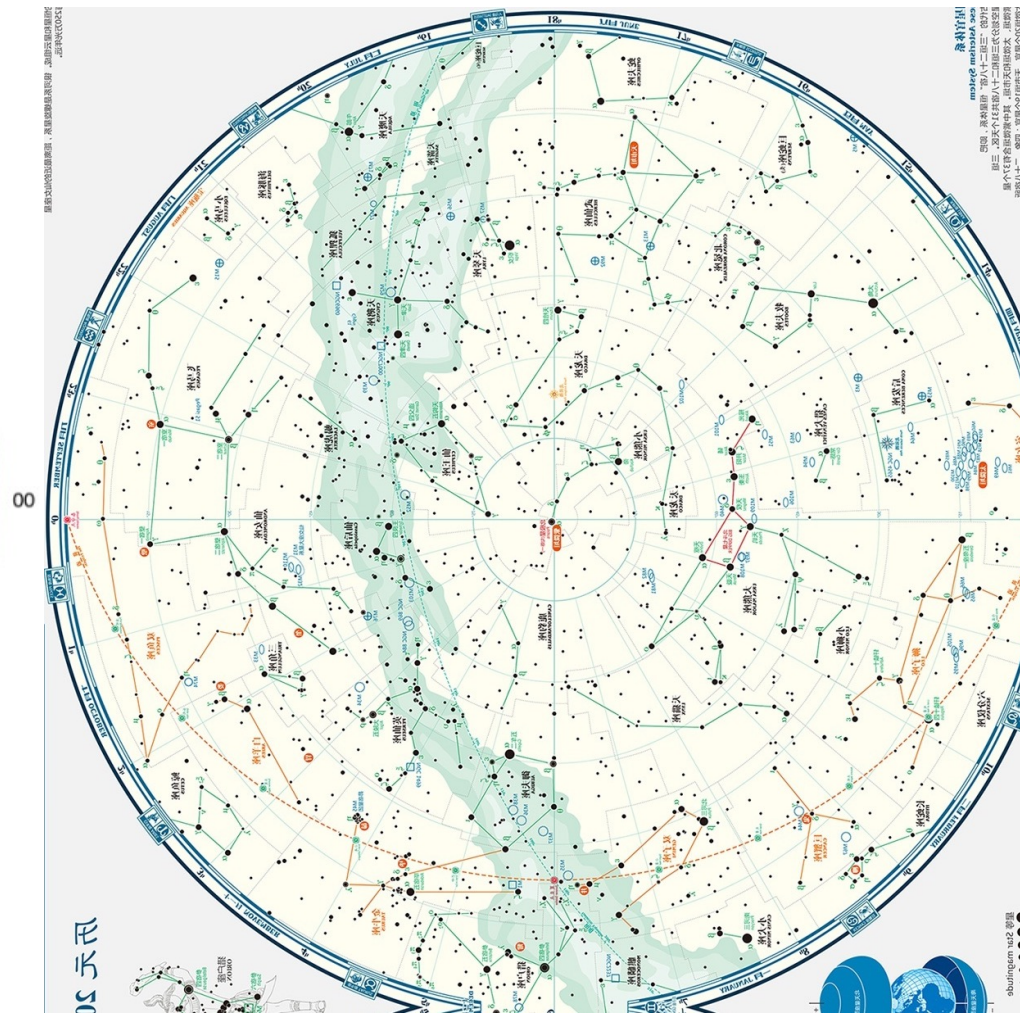
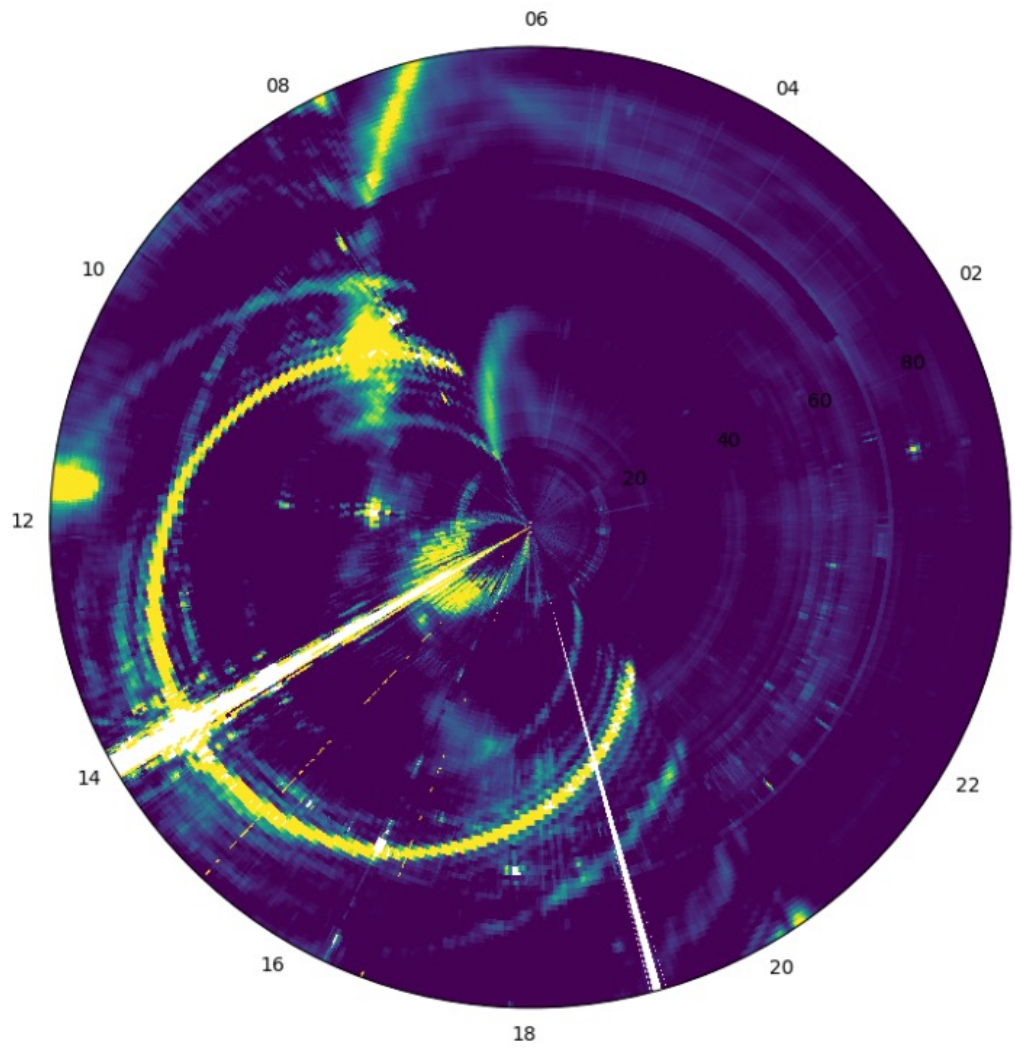




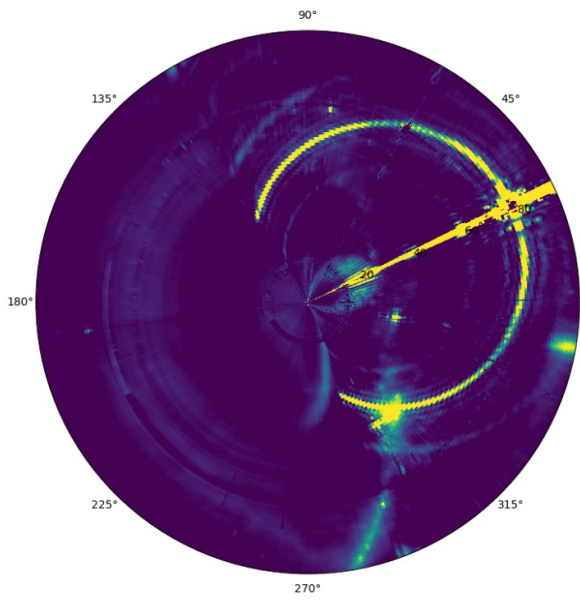




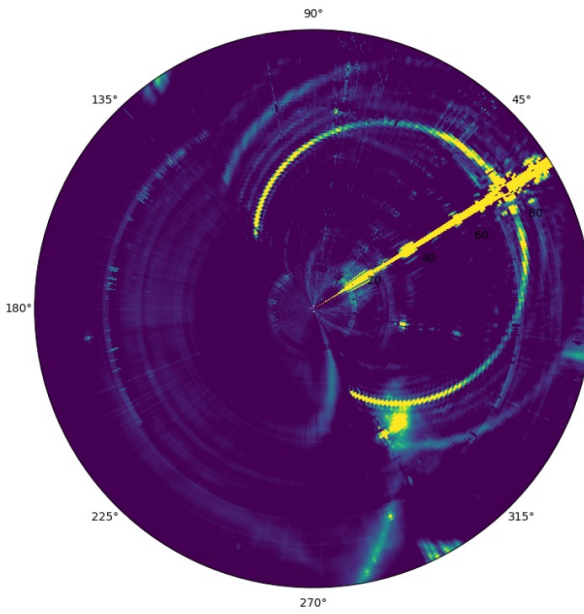




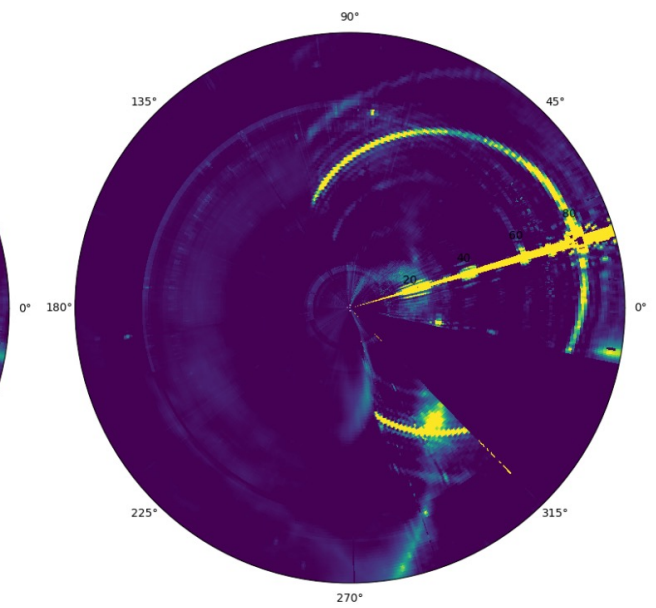
Map 1
2023-04-17



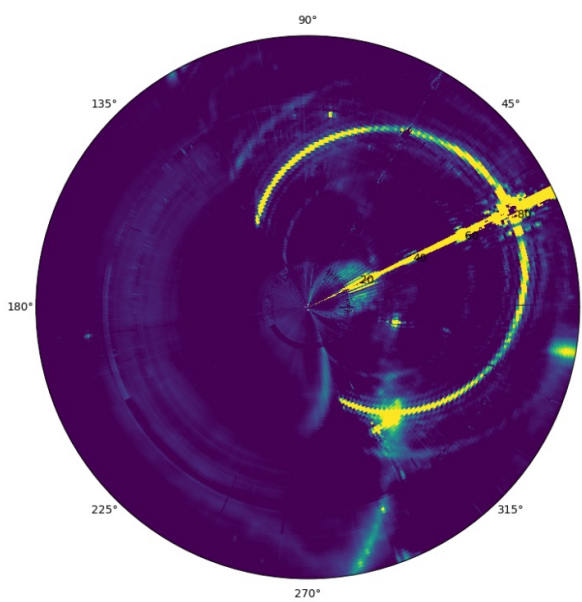
Map 2
2023-04-24



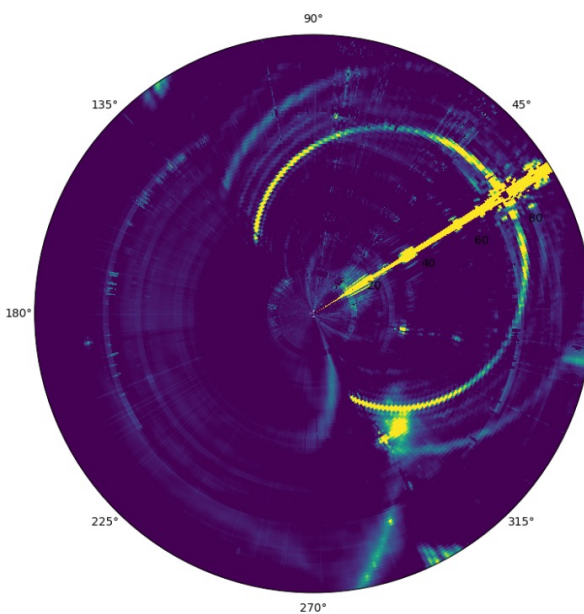
Map 3
2023-04-08



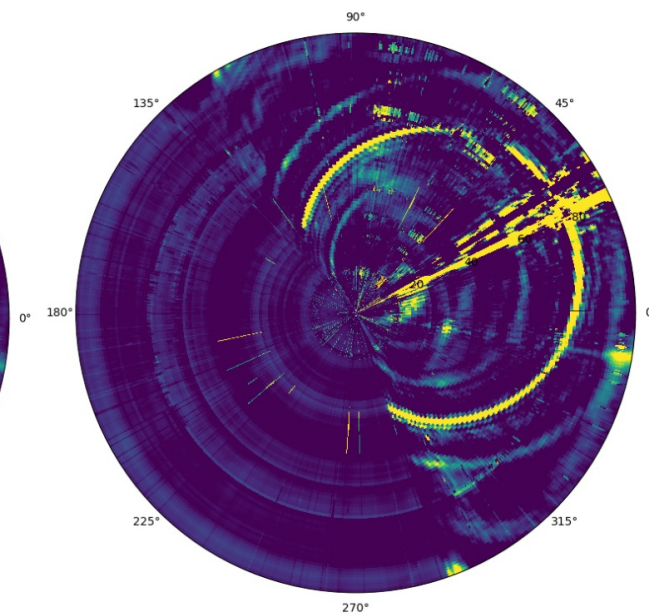
Map 1
2023-04-17



Map 2
2023-04-24

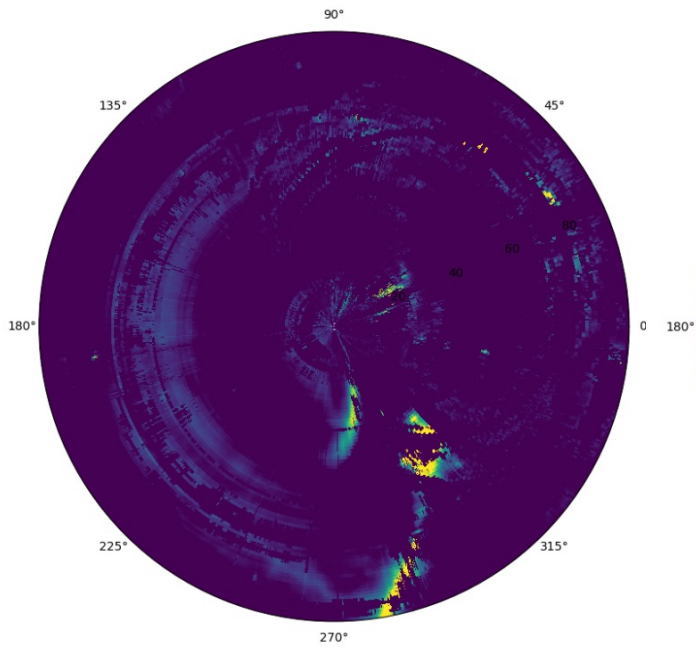


diff
Map 1 - Map 2

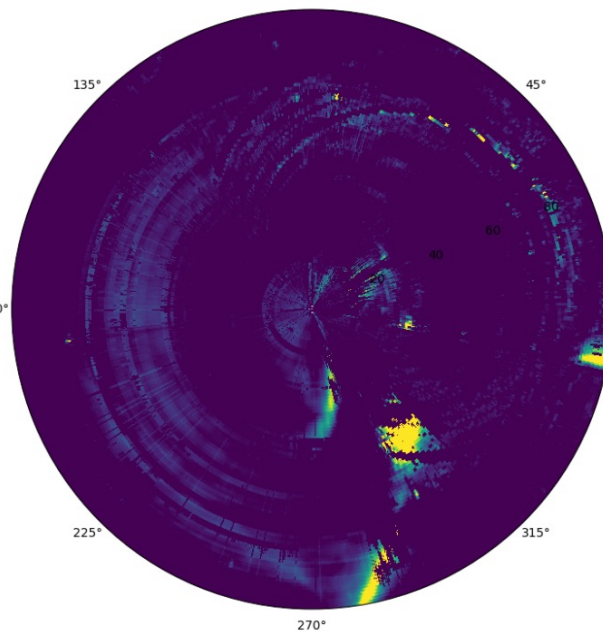


Map1[diff>10] = ma.masked
Map2[diff<-10] = ma.masked

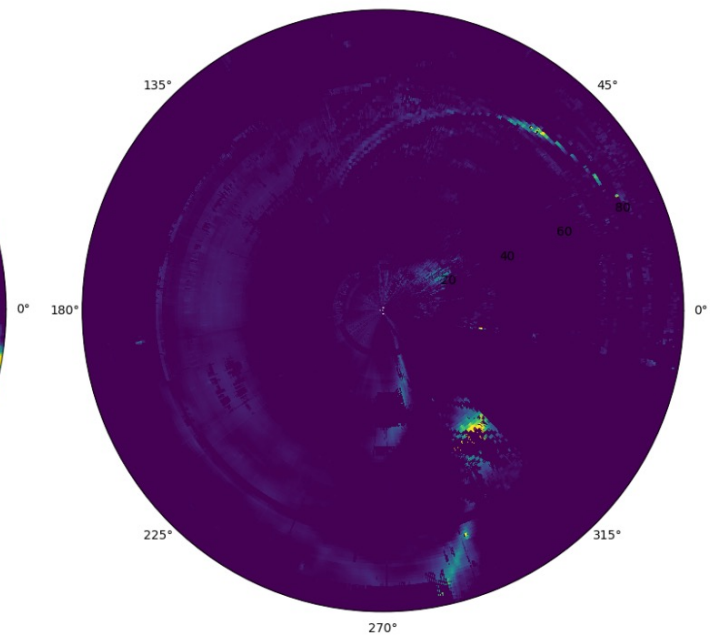
Map 1
2023-04-17



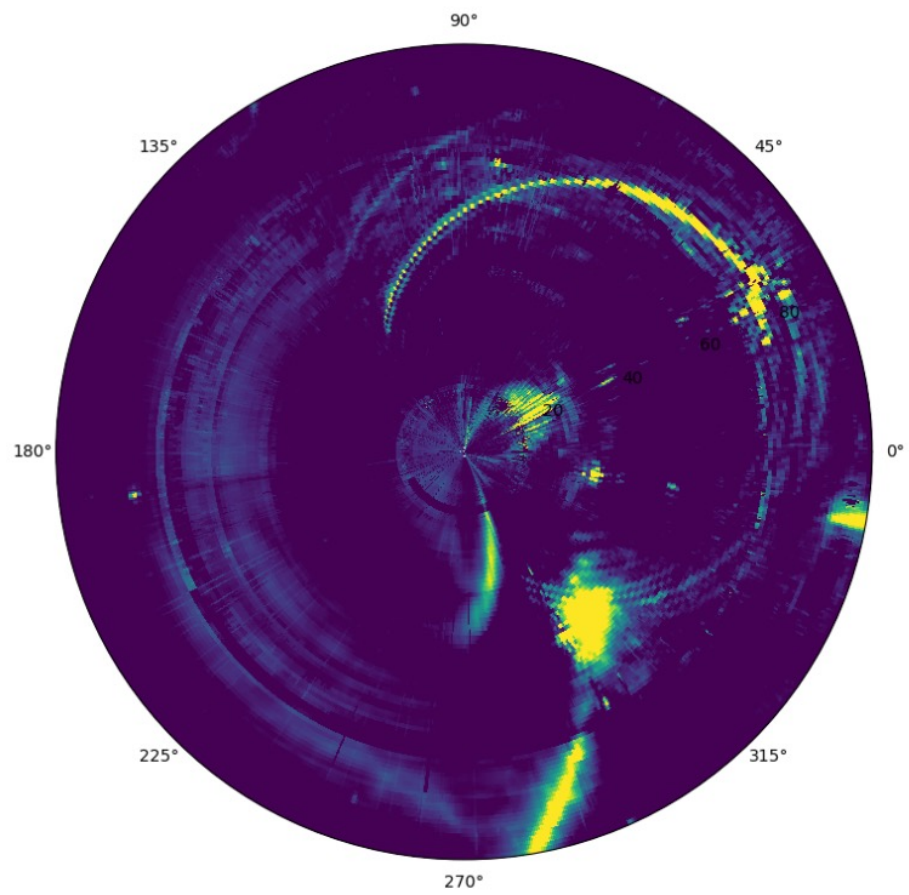
Map 2
2023-04-24



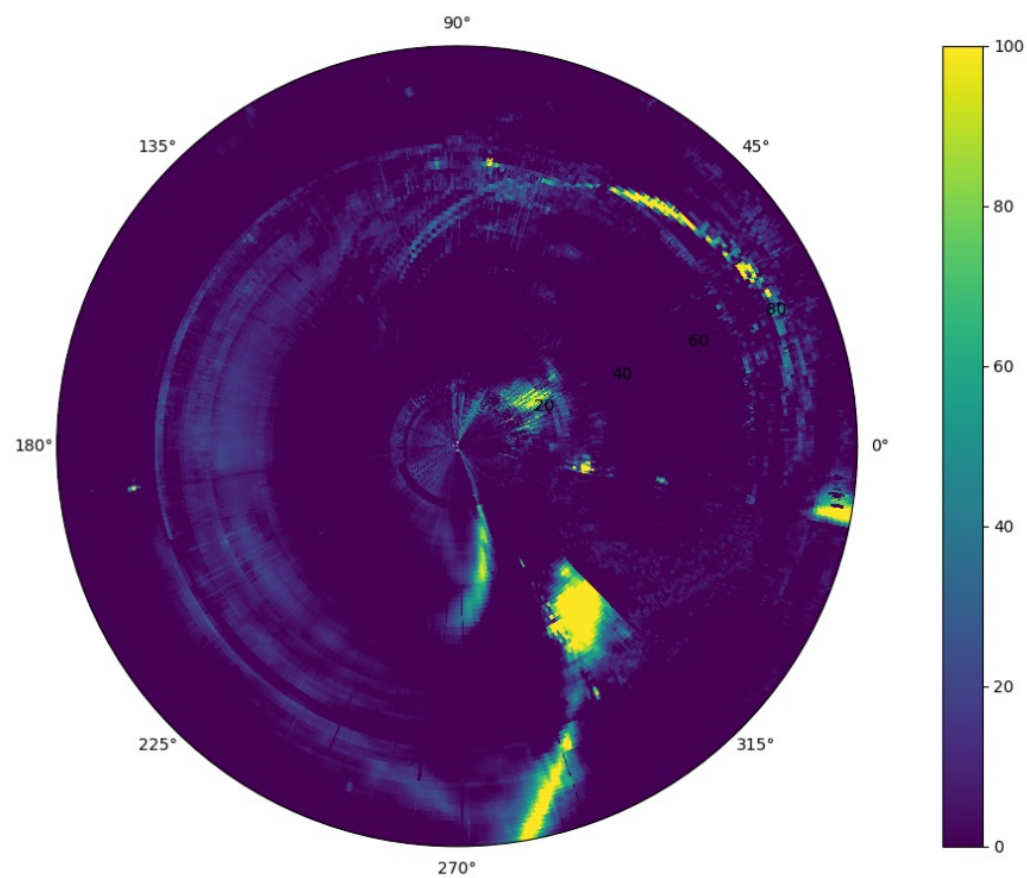
Map 3
2023-04-08



Map 1+2



Map 1+2+3



2023-04-17、24、30

