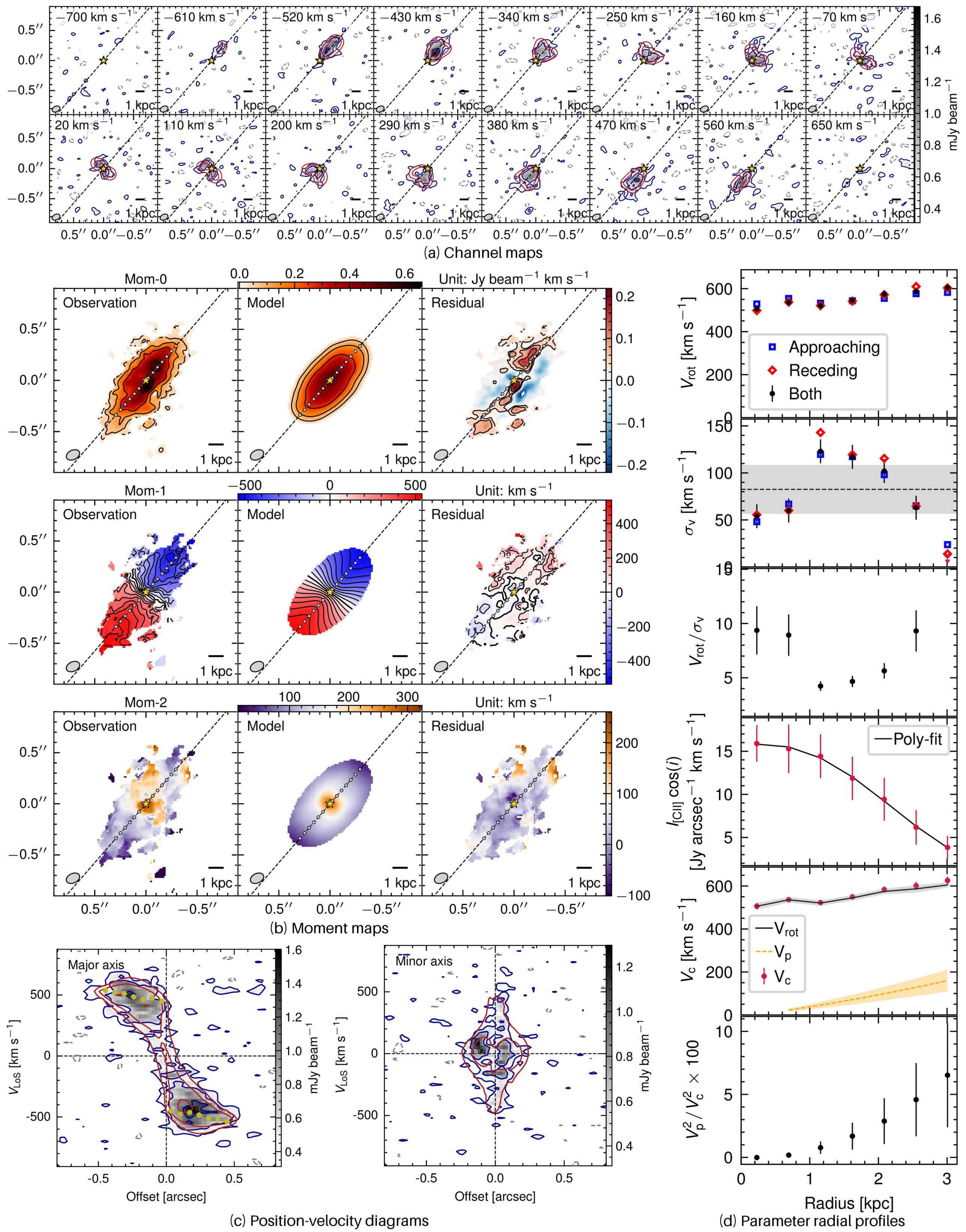
−700 km s−1
−610 km s−1
−520 km s−1
−430 km s−1
−340 km s−1
−250 km s−1
−160 km s−1
−70 km s−1
20 km s−1
110 km s−1
200 km s−1
290 km s−1
380 km s−1
470 km s−1
560 km s−1
650 km s−1
1 kpc
mJy beam−1
(a) Channel maps
Mom-0
Unit: Jy beam−1 km s−1
Observation
Model
Residual
Mom-1
Unit: km s−1
Mom-2
(b) Moment maps
Major axis
Minor axis
VLoS [km s−1]
Offset [arcsec]
(c) Position-velocity diagrams
Approaching
Receding
Both
Poly-fit
Vrot
Vp
Vc
Vrot [km s−1]
σv [km s−1]
Vrot/σv
I[CII] cos(i) [Jy arcsec−1 km s−1]
Vc [km s−1]
Vp2/Vc2 × 100
Radius [kpc]
(d) Parameter radial profiles