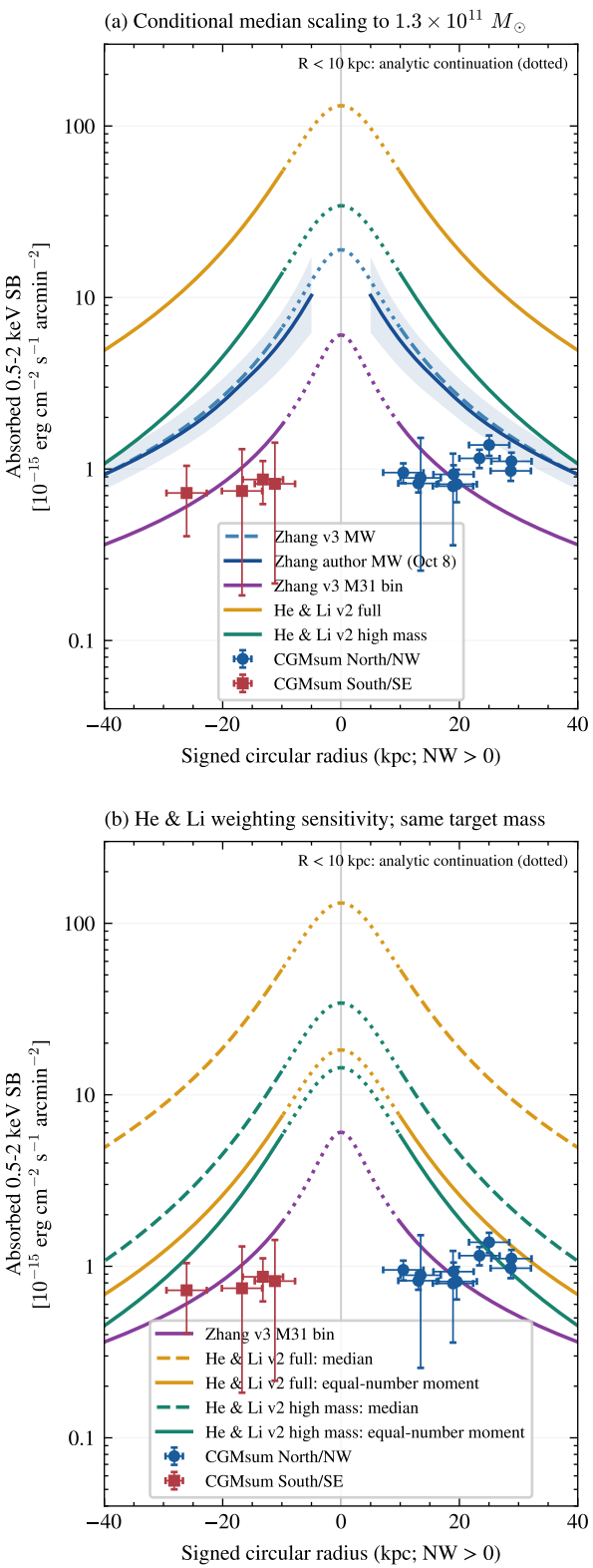

(a) Conditional median scaling to $1.3 \times 10^{11}\ M_\odot$
R < 10 kpc: analytic continuation (dotted)
Absorbed 0.5-2 keV SB
[10^{-15} erg cm^{-2} s^{-1} arcmin^{-2}]
100
10
1
0.1
Zhang v3 MW
Zhang author MW (Oct 8)
Zhang v3 M31 bin
He & Li v2 full
He & Li v2 high mass
CGMsum North/NW
CGMsum South/SE
−40
−20
0
20
40
Signed circular radius (kpc; NW > 0)
(b) He & Li weighting sensitivity; same target mass
R < 10 kpc: analytic continuation (dotted)
Absorbed 0.5-2 keV SB
[10^{-15} erg cm^{-2} s^{-1} arcmin^{-2}]
100
10
1
0.1
Zhang v3 M31 bin
He & Li v2 full: median
He & Li v2 full: equal-number moment
He & Li v2 high mass: median
He & Li v2 high mass: equal-number moment
CGMsum North/NW
CGMsum South/SE
−40
−20
0
20
40
Signed circular radius (kpc; NW > 0)