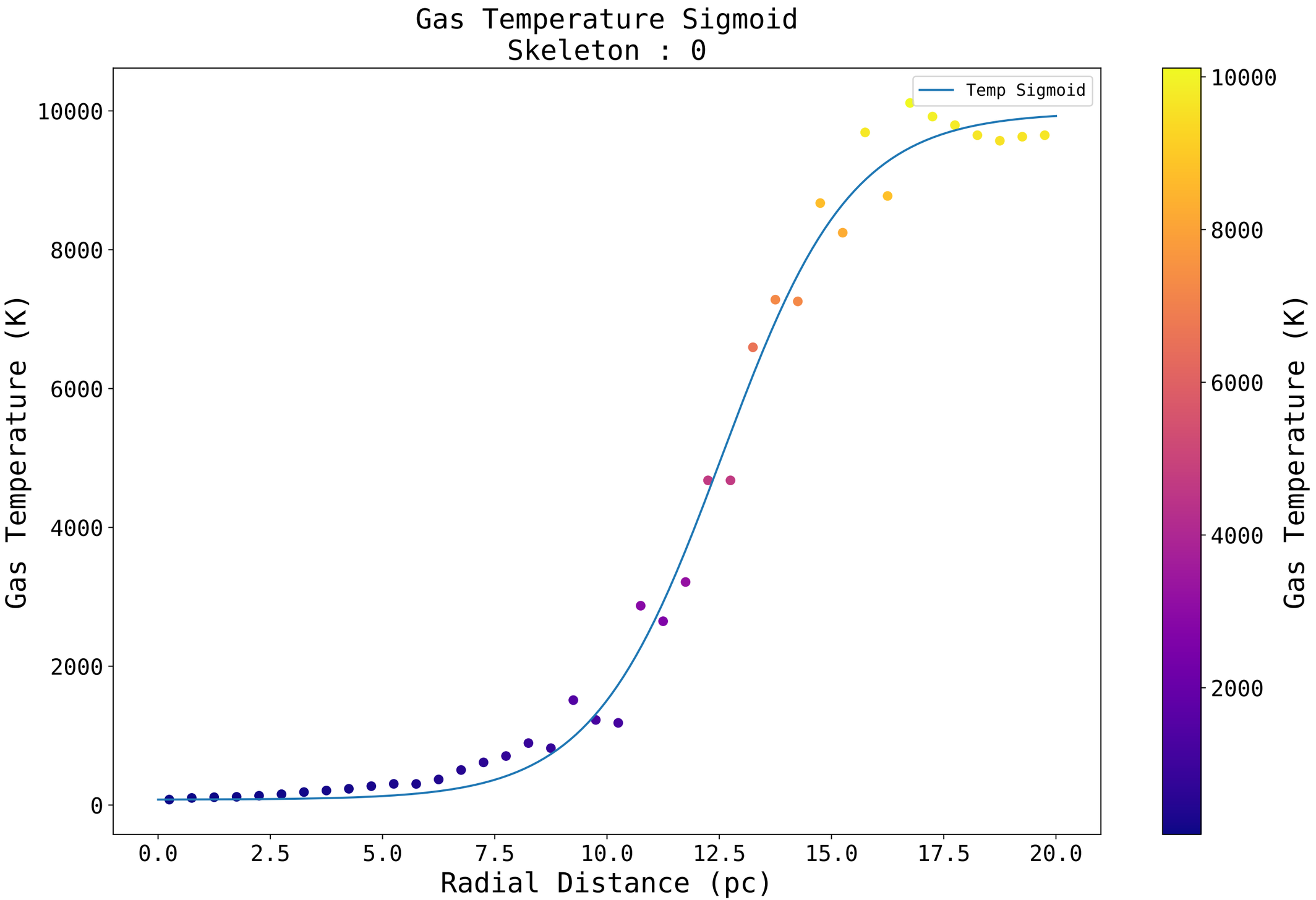
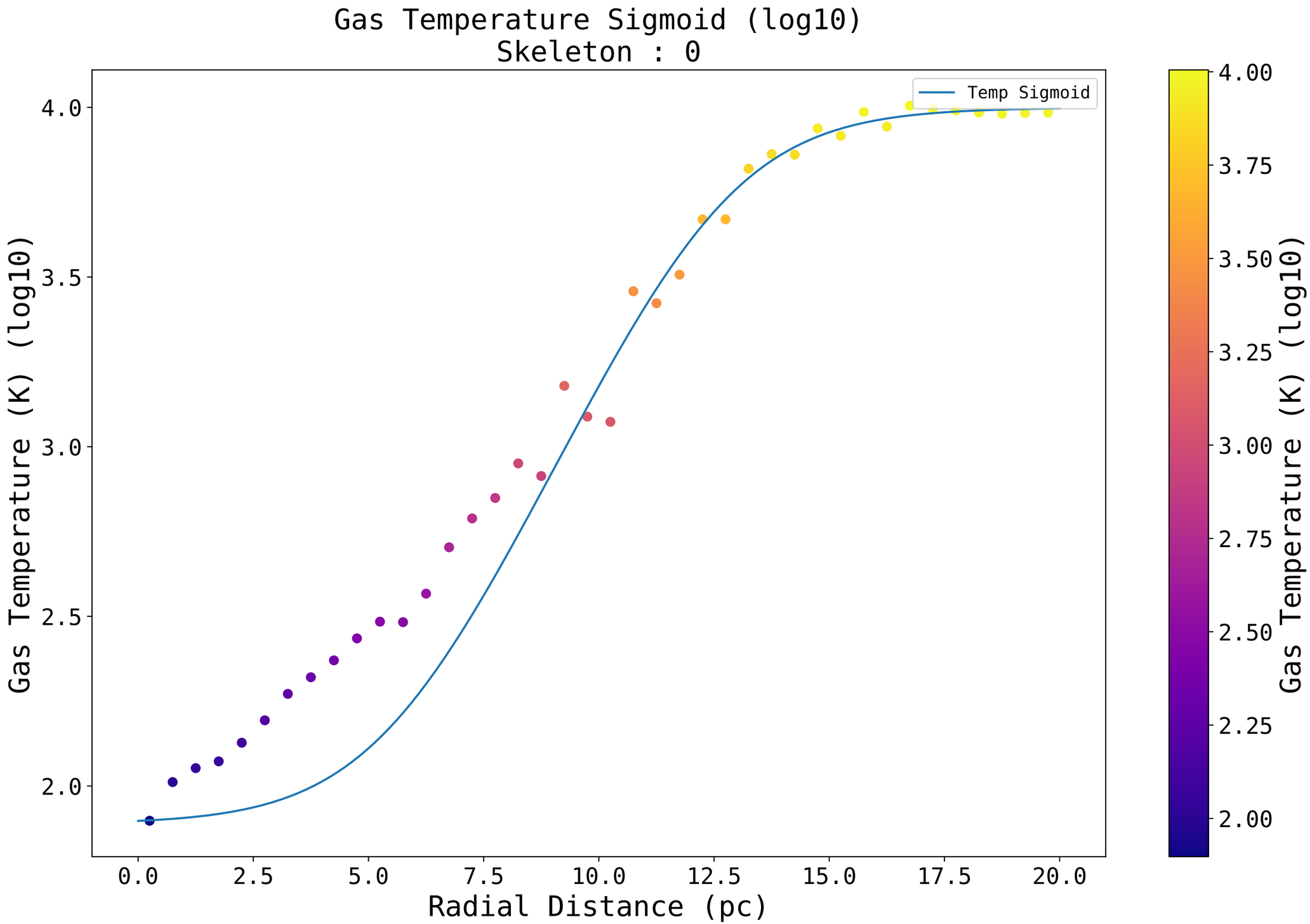
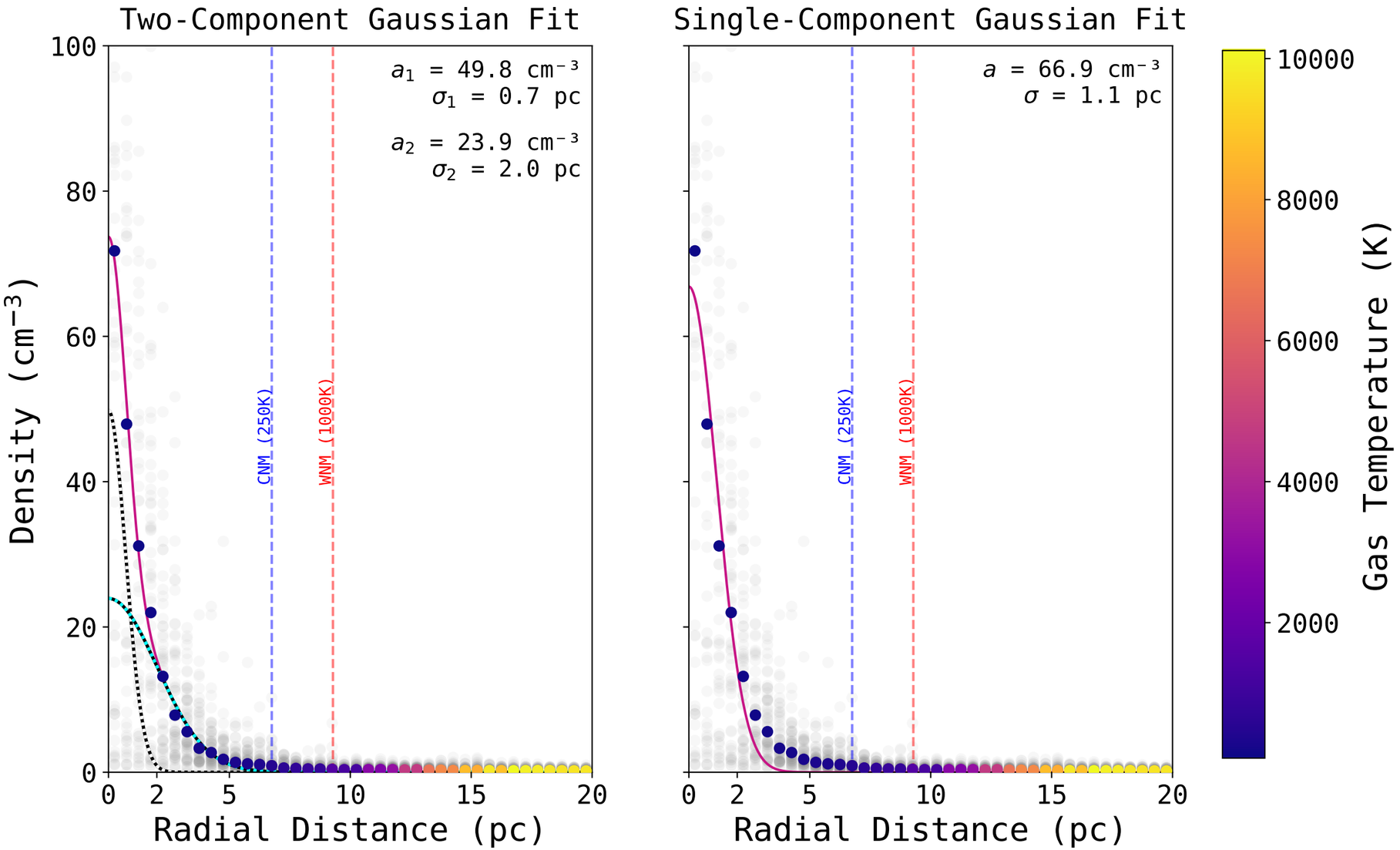
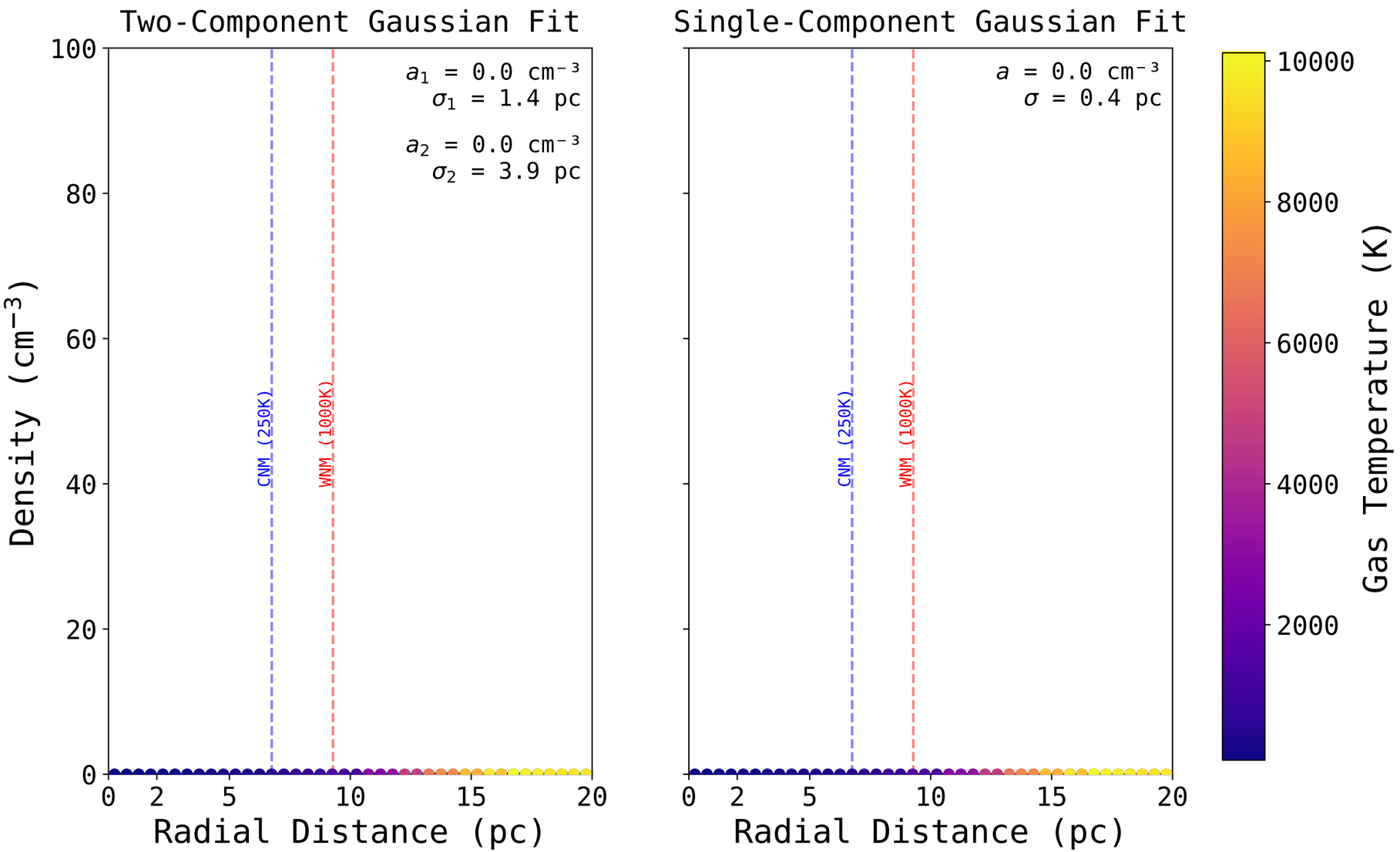

Gas Temperature Sigmoid
Skeleton : 0
Temp Sigmoid
Gas Temperature (K)
10000
8000
6000
4000
2000
0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)
Gas Temperature (K)


Gas Temperature Sigmoid (log10)
Skeleton : 0
Temp Sigmoid
Gas Temperature (K) (log10)
4.0
3.5
3.0
2.5
2.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)
4.00
3.75
3.50
3.25
3.00
2.75
2.50
2.25
2.00
Gas Temperature (K) (log10)

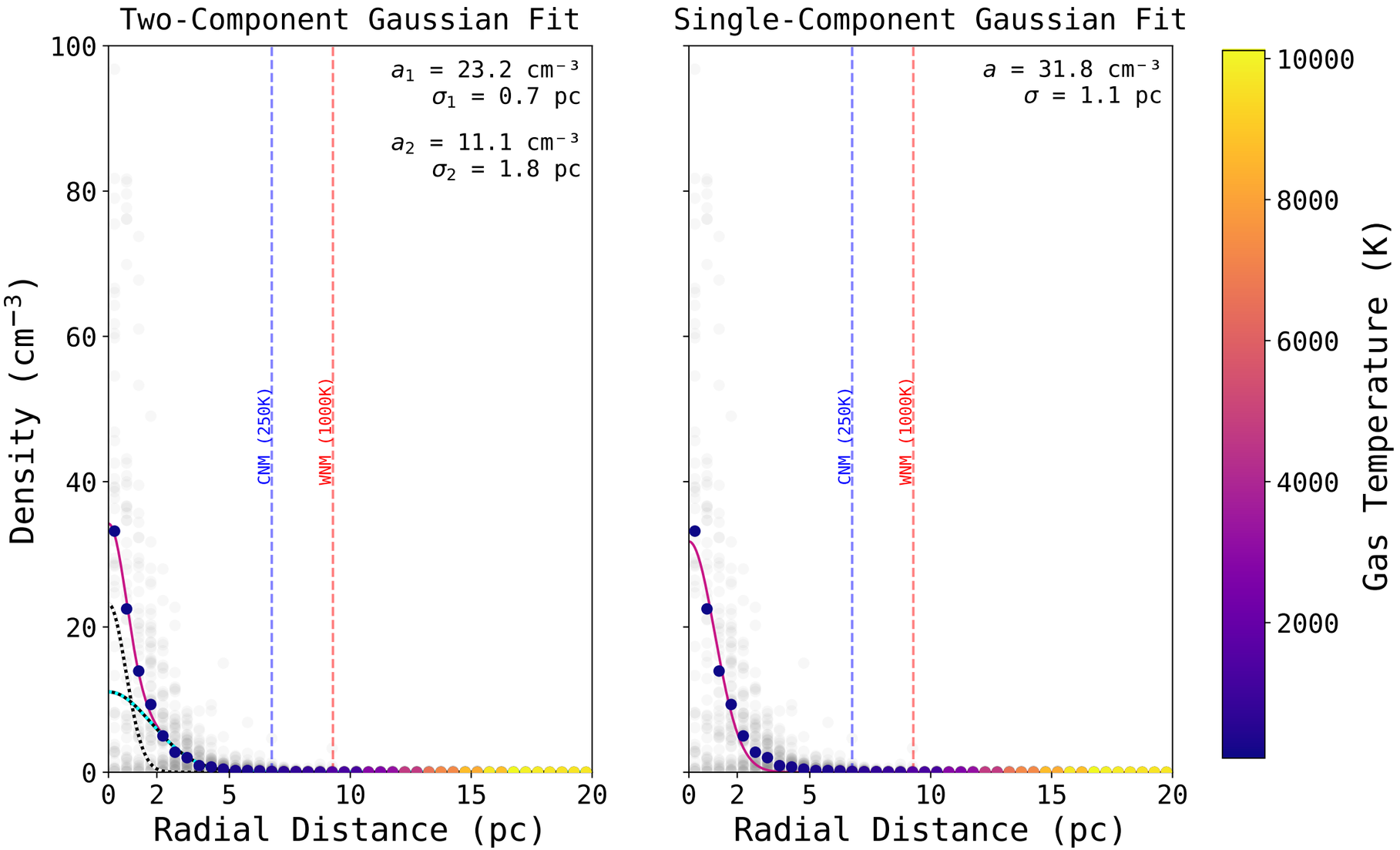
$n_{H,\,tot}$: Skeleton 0



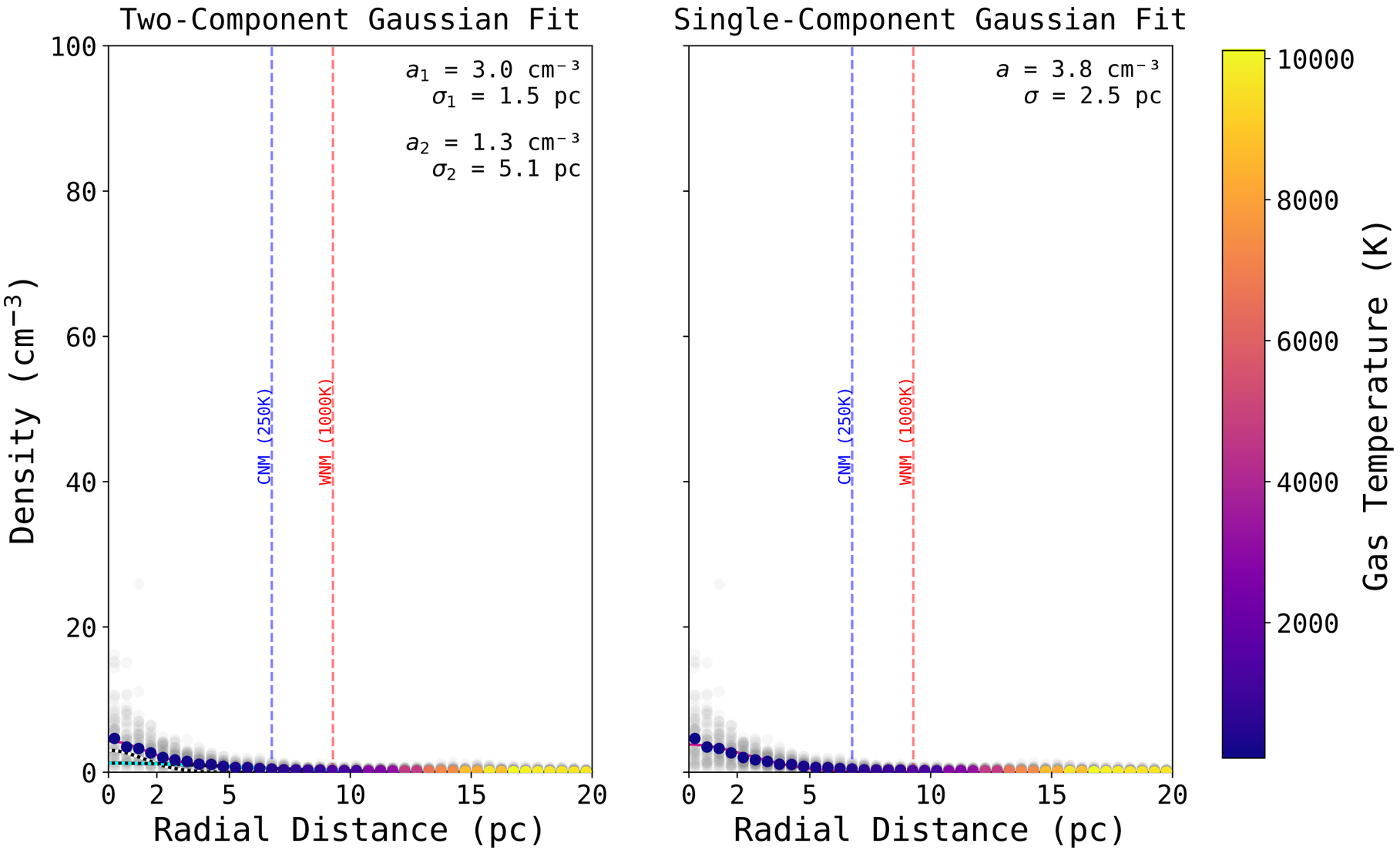
n_{CO} : Skeleton 0



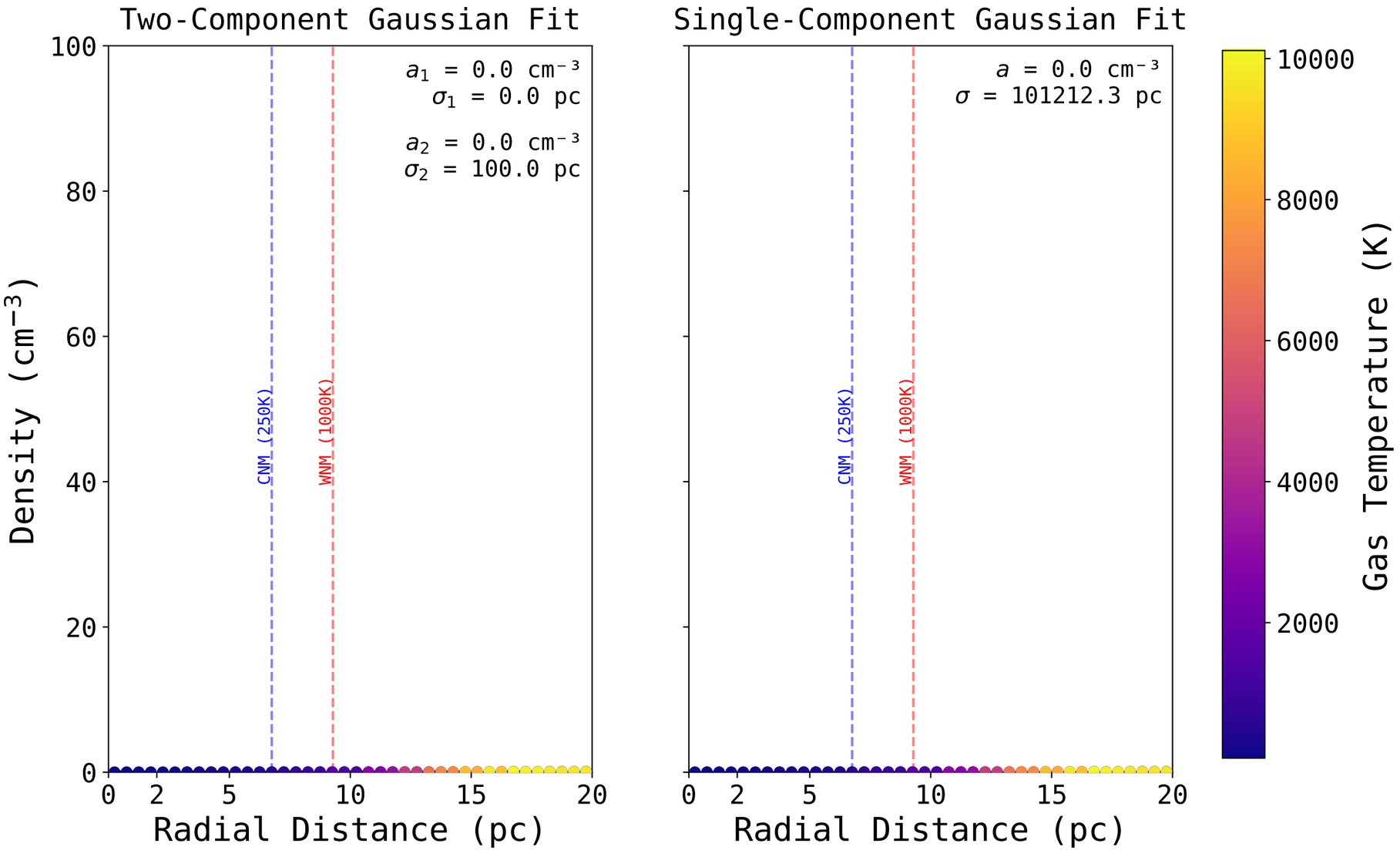
$n_{H,2}$: Skeleton 0

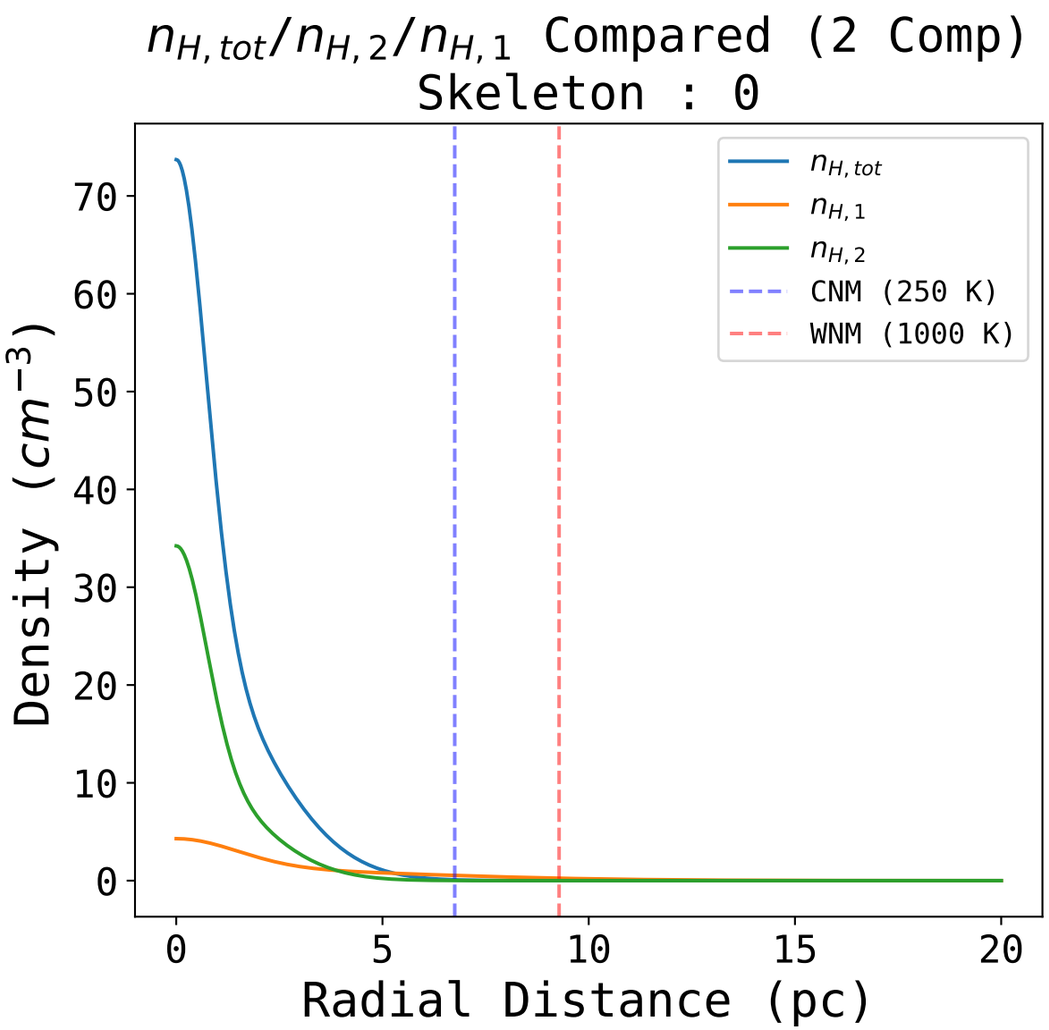


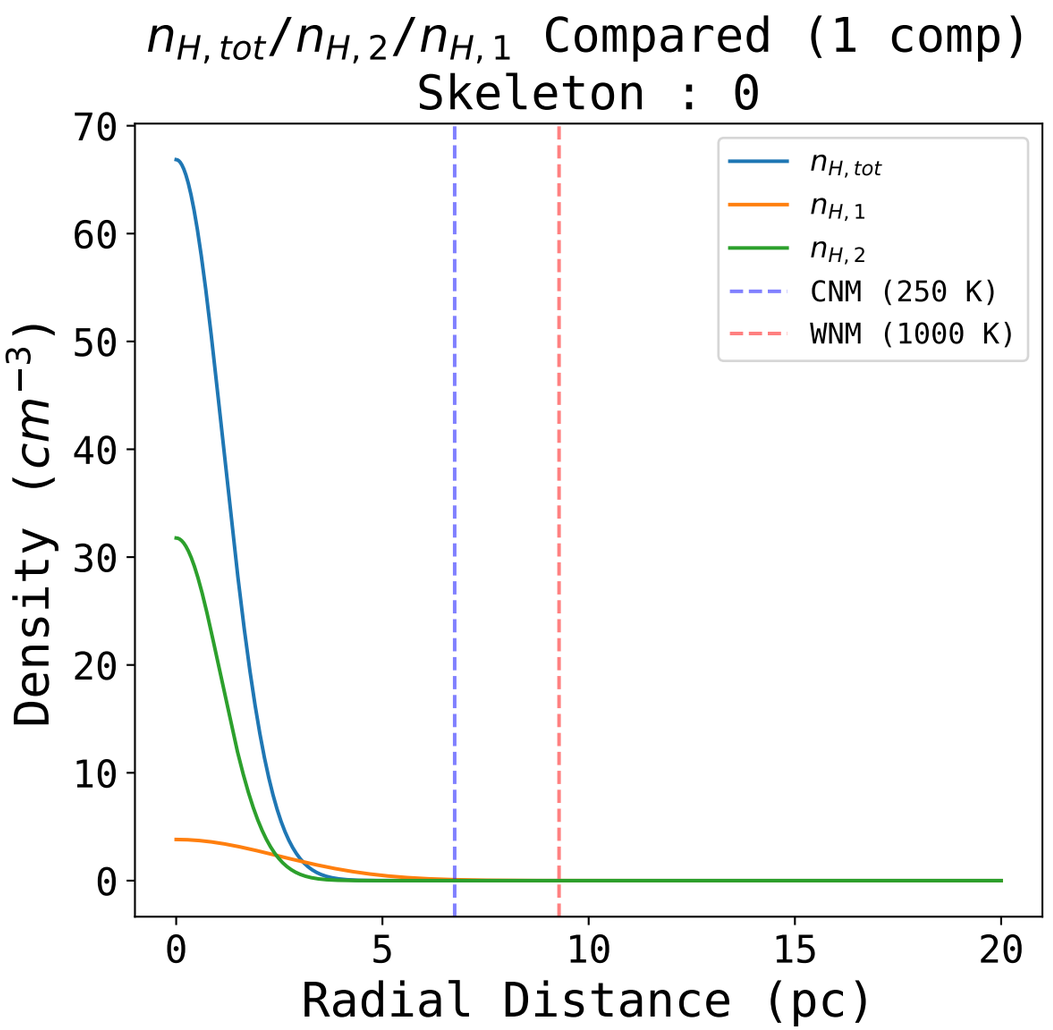
$n_{H,1}$: Skeleton 0

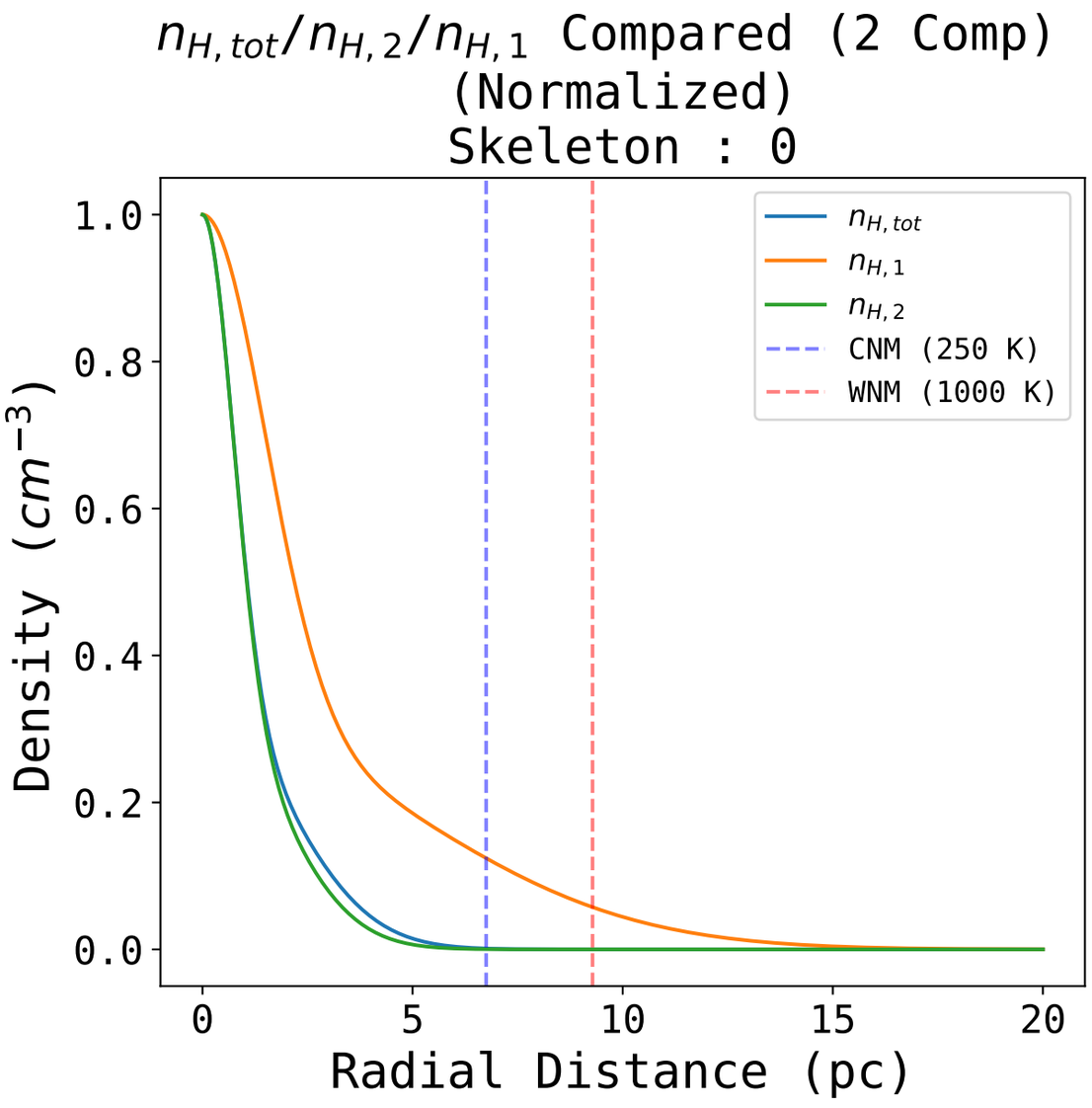


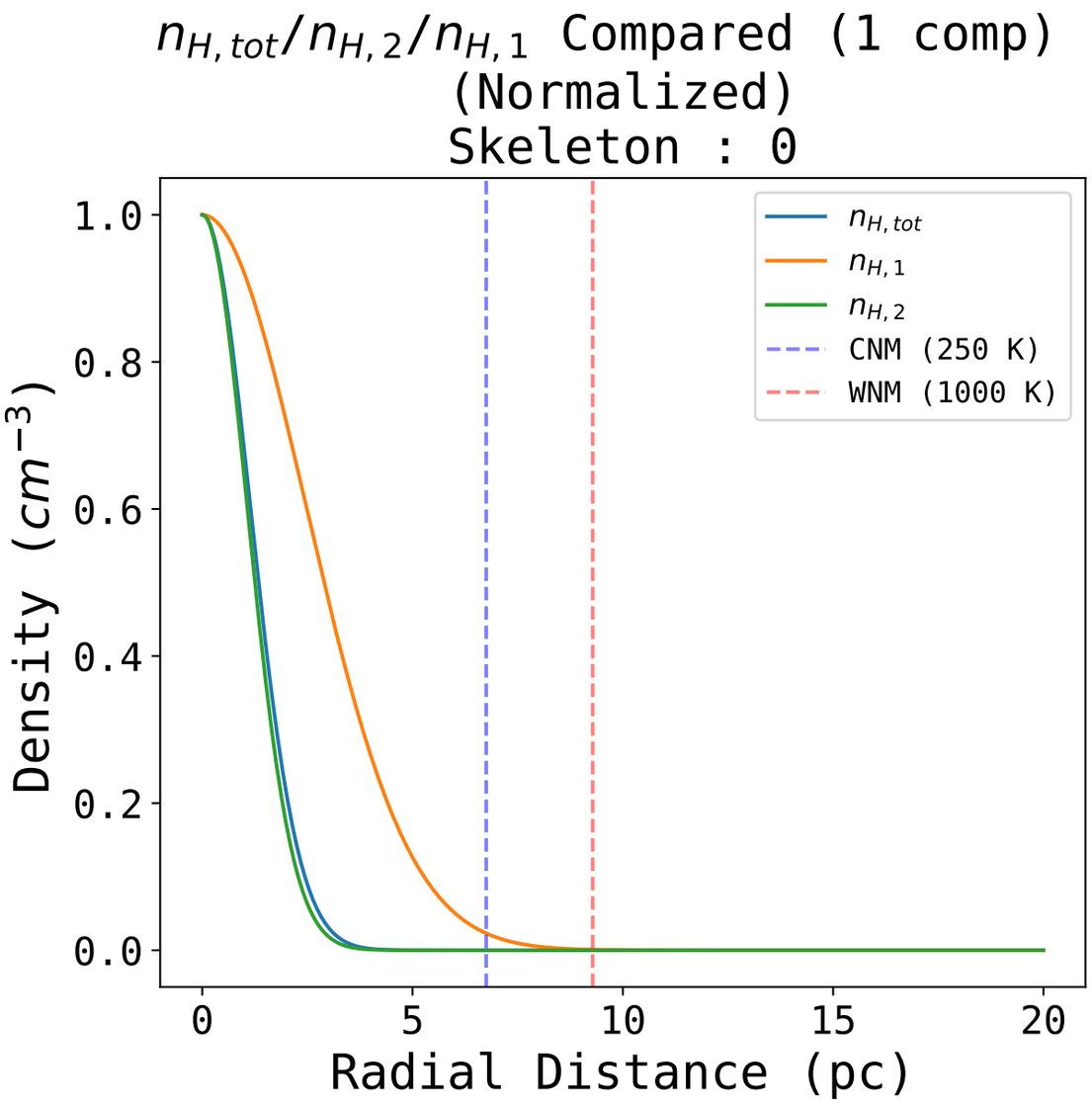
n_{H+} : Skeleton 0

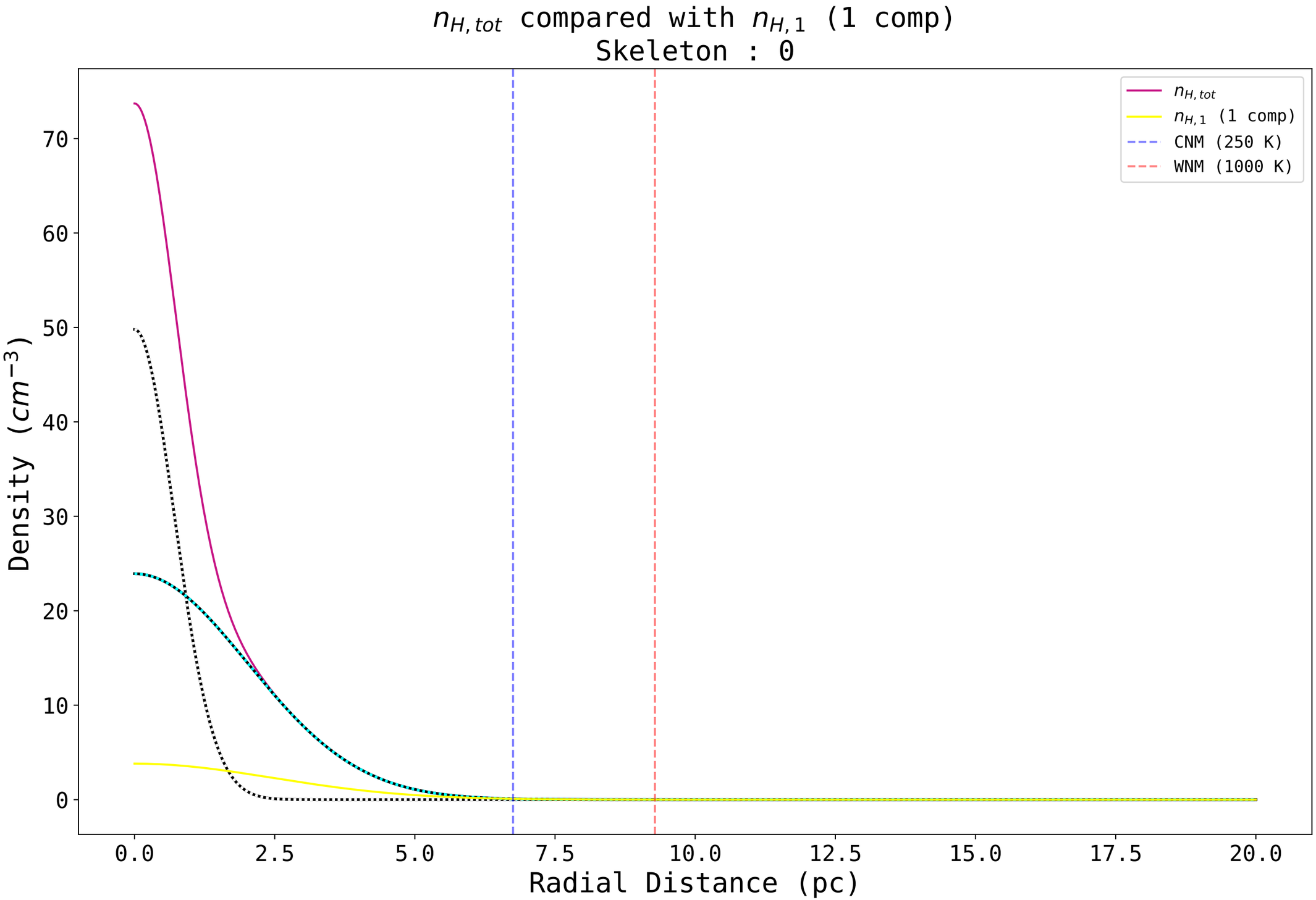


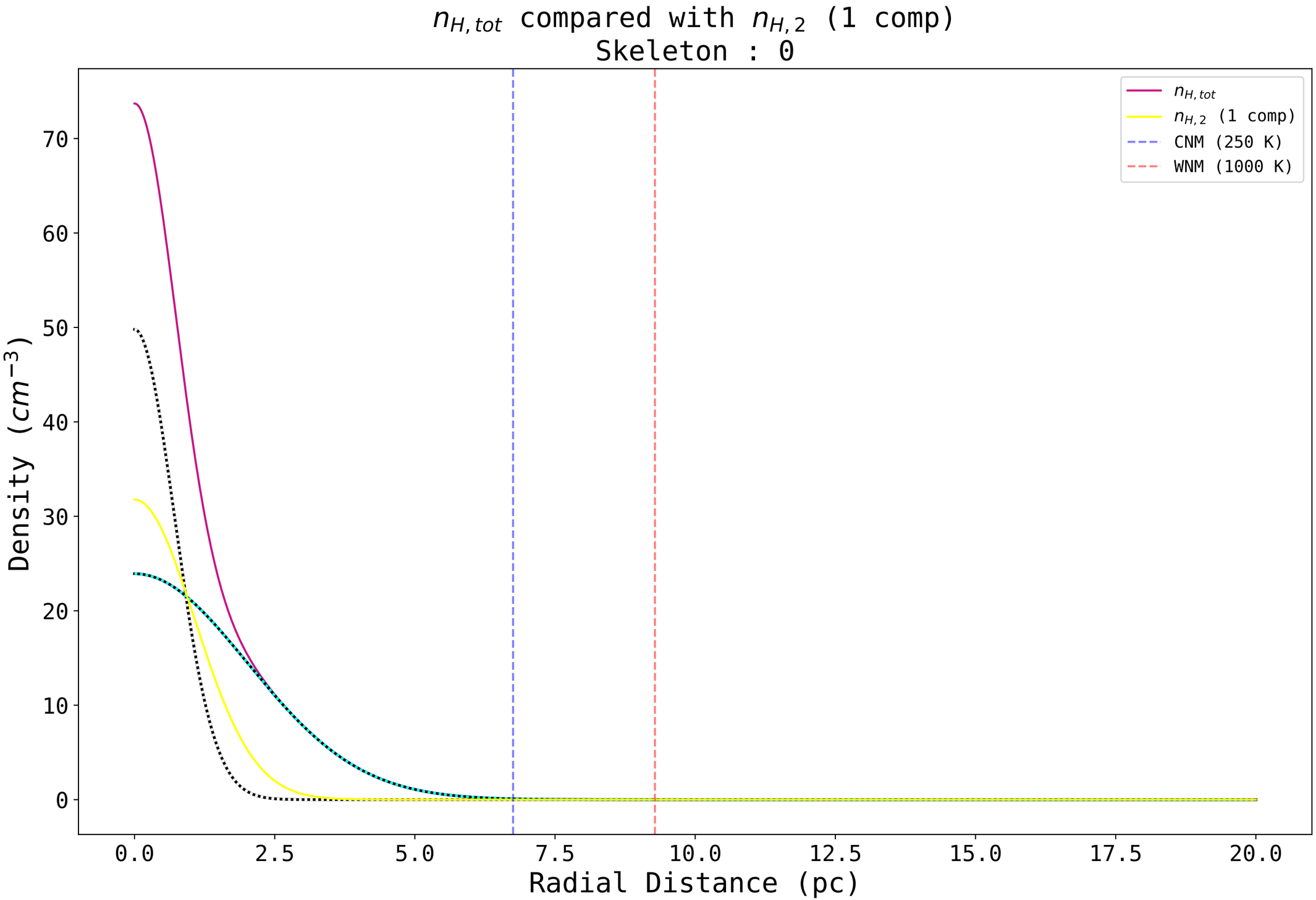

$n_{H,tot}/n_{H,2}/n_{H,1}$ Compared (2 Comp)
Skeleton : 0
$n_{H,tot}$
$n_{H,1}$
$n_{H,2}$
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
Radial Distance (pc)
0
10
20
30
40
50
60
70
0
5
10
15
20

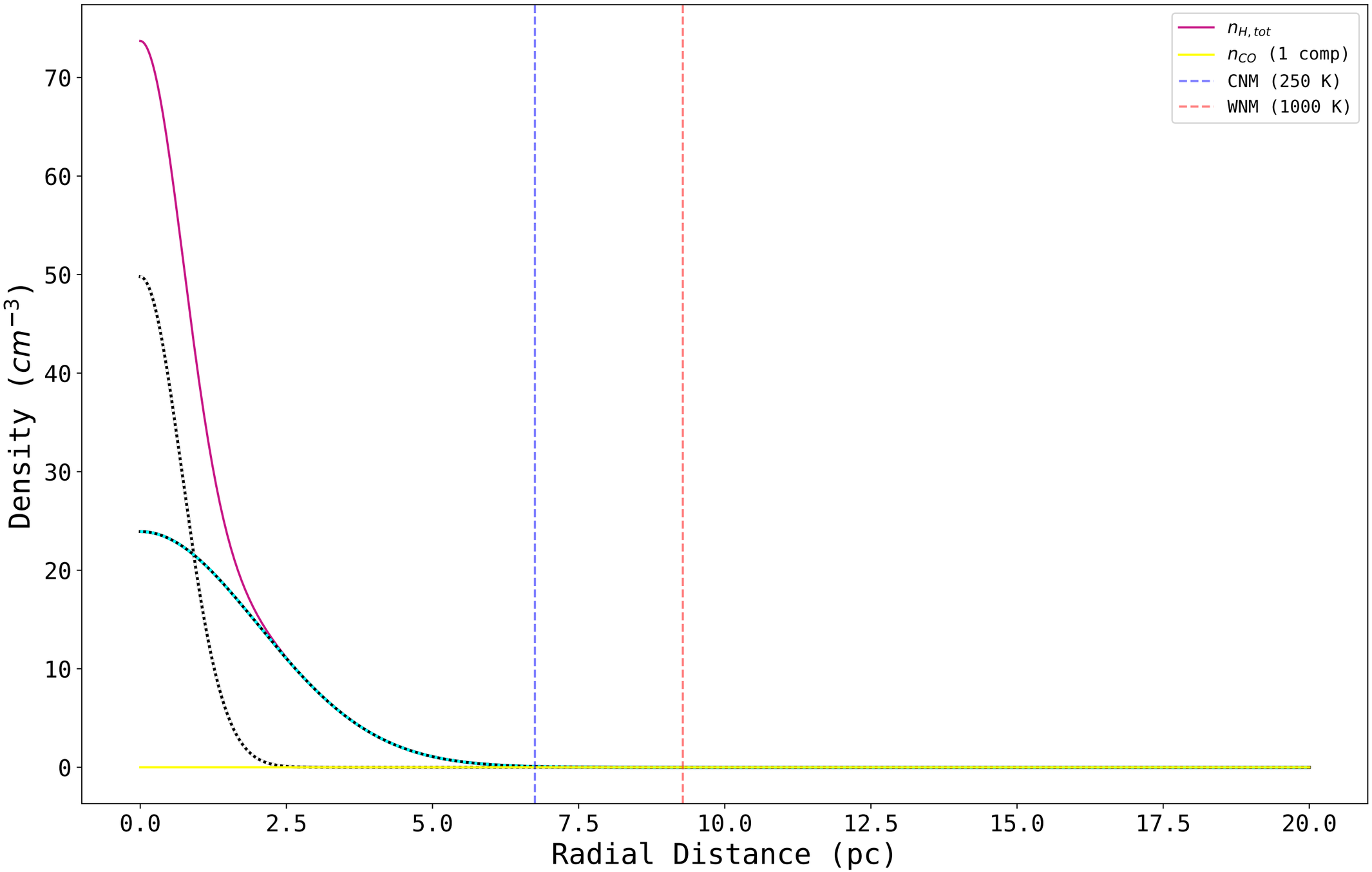

$n_{H,tot}/n_{H,2}/n_{H,1}$ Compared (1 comp)
Skeleton : 0
$n_{H,tot}$
$n_{H,1}$
$n_{H,2}$
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
Radial Distance (pc)
0
10
20
30
40
50
60
70
0
5
10
15
20

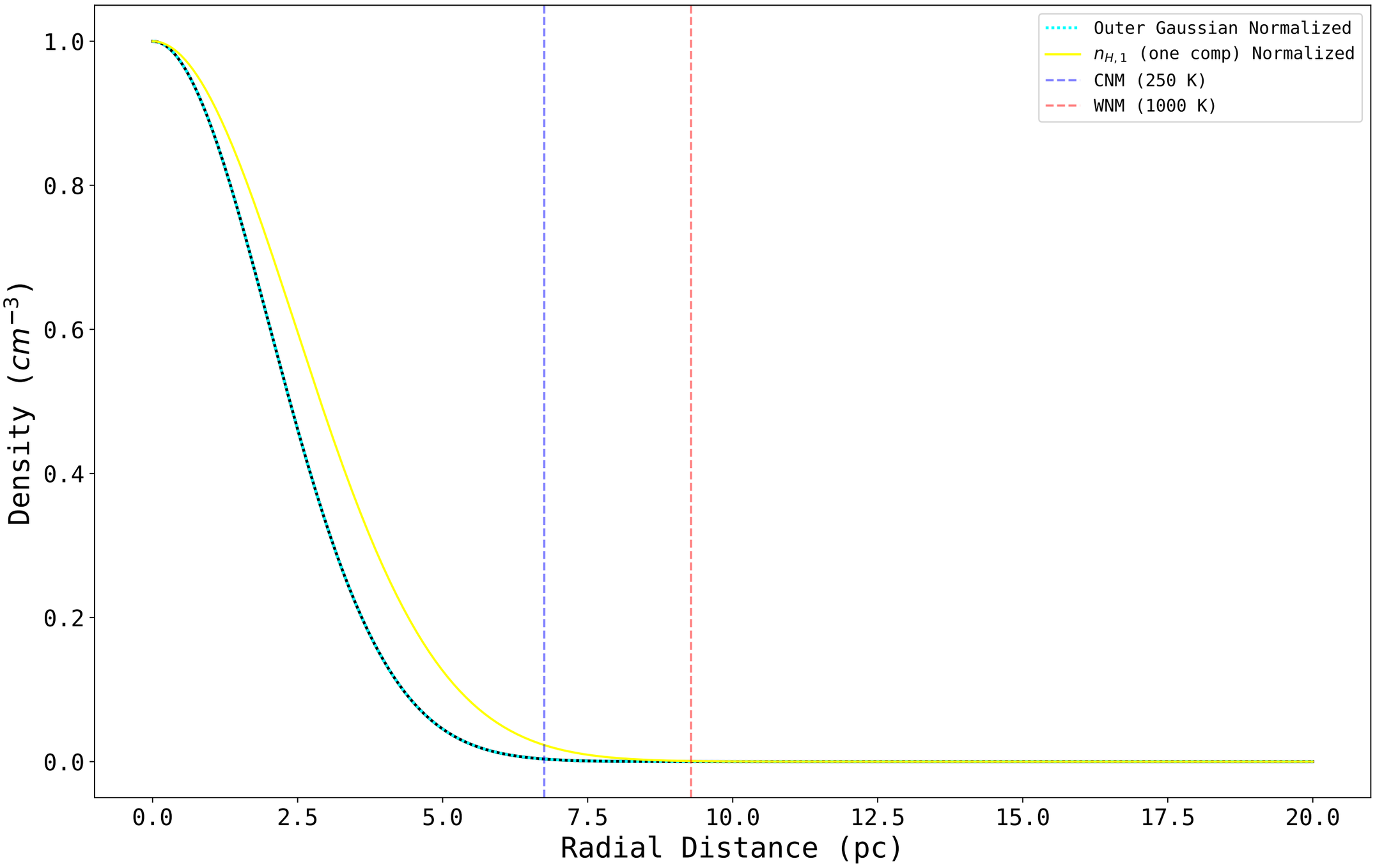

$n_{H,tot}/n_{H,2}/n_{H,1}$ Compared (2 Comp)
(Normalized)
Skeleton : 0
$n_{H,tot}$
$n_{H,1}$
$n_{H,2}$
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
Radial Distance (pc)
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20

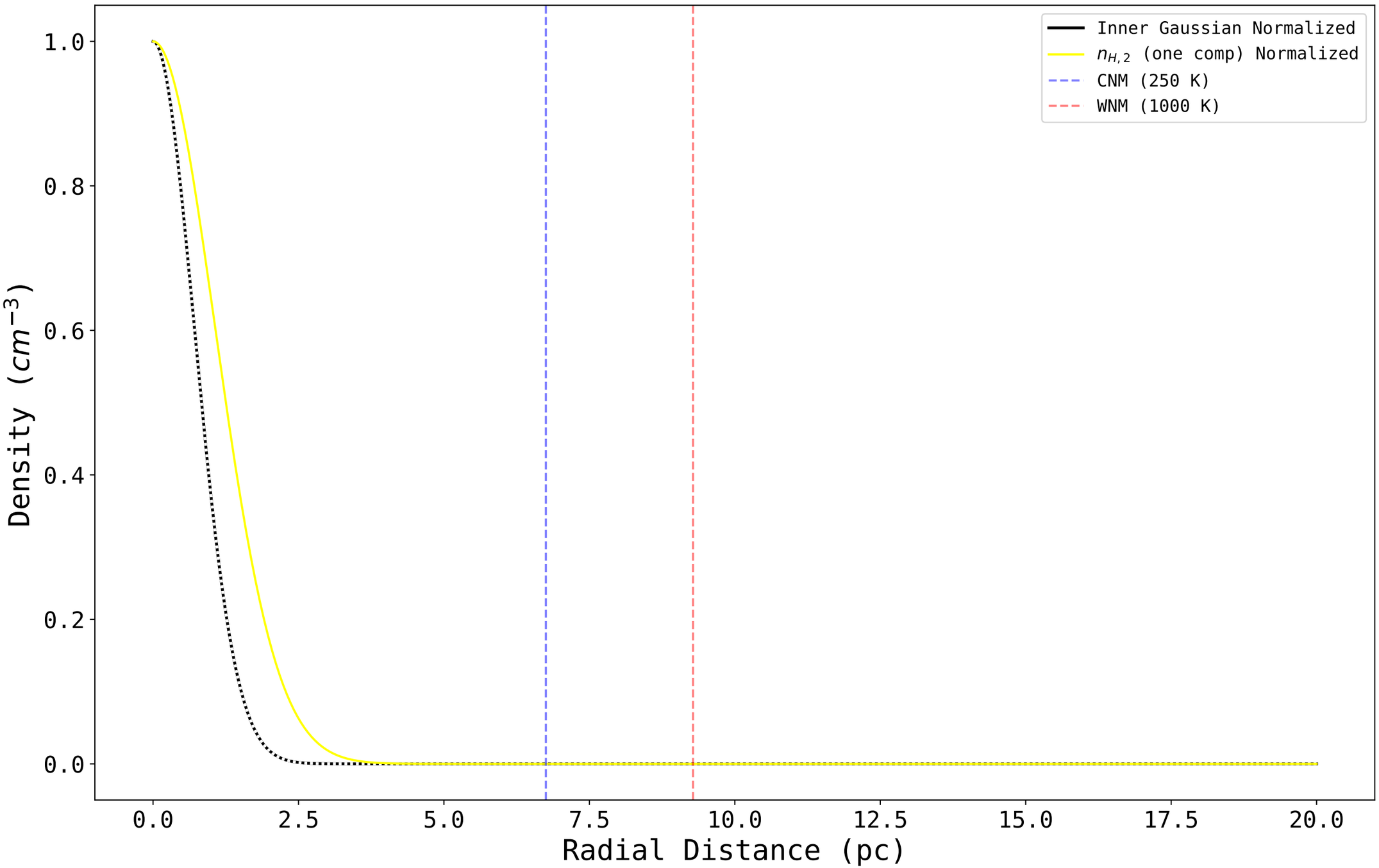

$n_{H,tot}/n_{H,2}/n_{H,1}$ Compared (1 comp)
(Normalized)
Skeleton : 0
$n_{H,tot}$
$n_{H,1}$
$n_{H,2}$
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
Radial Distance (pc)
0.0
0.2
0.4
0.6
0.8
1.0
0
5
10
15
20


$n_{H,tot}$ compared with $n_{H,1}$ (1 comp)
Skeleton : 0
$n_{H,tot}$
$n_{H,1}$ (1 comp)
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
0
10
20
30
40
50
60
70
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)


$n_{H,tot}$ compared with $n_{H,2}$ (1 comp)
Skeleton : 0
$n_{H,tot}$
$n_{H,2}$ (1 comp)
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
0
10
20
30
40
50
60
70
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)


$n_{H,tot}$ compared with n_{CO} (1 comp)
Skeleton : 0
$n_{H,tot}$
n_{CO} (1 comp)
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
0
10
20
30
40
50
60
70
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)


$n_{H,1}$ and Outer Gaussian Normalized
Skeleton : 0
Outer Gaussian Normalized
$n_{H,1}$ (one comp) Normalized
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
1.0
0.8
0.6
0.4
0.2
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)


$n_{H,2}$ and Inner Gaussian Normalized
Skeleton : 0
Inner Gaussian Normalized
$n_{H,2}$ (one comp) Normalized
CNM (250 K)
WNM (1000 K)
Density (cm^{-3})
1.0
0.8
0.6
0.4
0.2
0.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
Radial Distance (pc)

Comparing $n_{H,tot}$ Inner and Outer Gaussians to $n_{H,1}$ and $2*n_{H,2}$