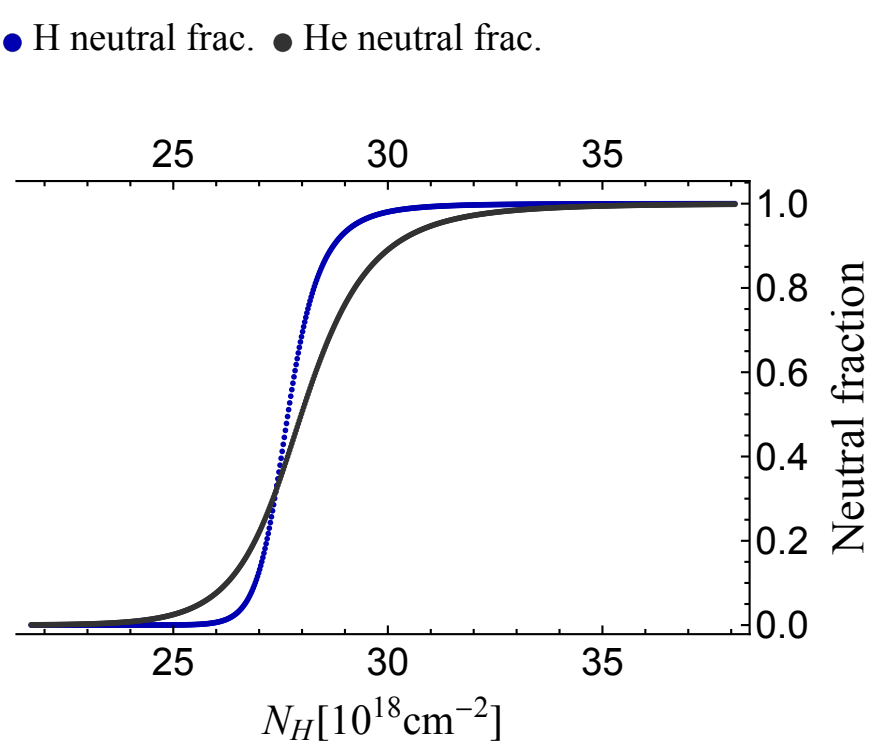
```
(*Chris's original plot*)
outputChris = Import[
   "/Users/Frankel/Documents/Files/Onedrive/Ohio_State/Research/Reionization/
     reionization/output.txt", {"Data", Range[868, 1524]}];
marker1 = Graphics[{RGBColor[0, 0, 0.7], Disk[]}];
marker2 = Graphics[{RGBColor[50 / 255, 50 / 255, 50 / 255], Disk[]}];
marker3 = Graphics[{RGBColor[0.517, 0.651, 0.172], Disk[]}];

j = #1 & @@@ outputChris;
j5DNHI = #2 & @@@ outputChris;
y1H = #3 & @@@ outputChris;
y1He = #4 & @@@ outputChris;
EH = #5 & @@@ outputChris;
Te = #6 & @@@ outputChris;

y1H = Transpose[{j5DNHI / 10^18, y1H}];
y1He = Transpose[{j5DNHI / 10^18, y1He}];
EH = Transpose[{j5DNHI / 10^18, EH}];
Te = Transpose[{j5DNHI / 10^18, Te / 10^4}];
```

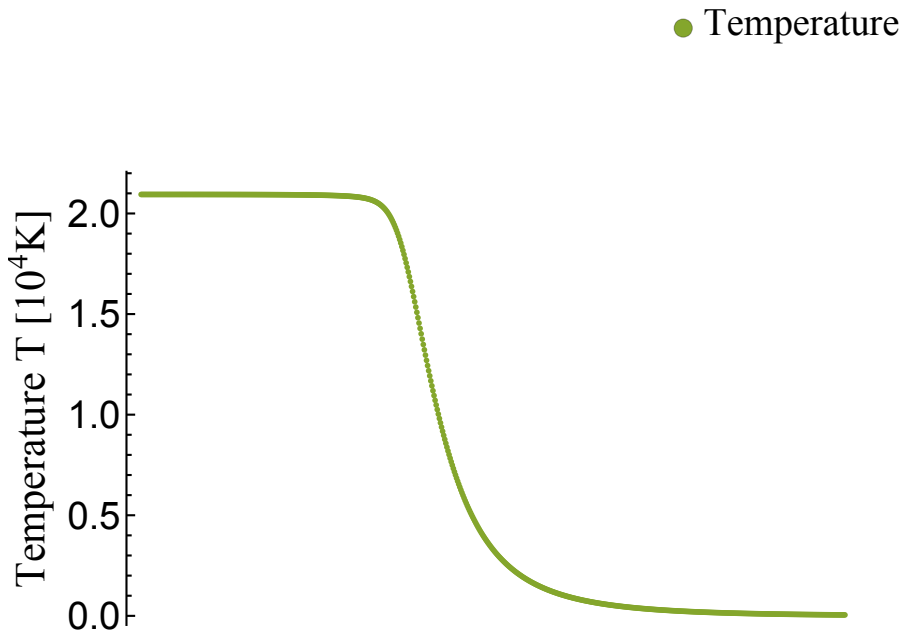
```
label1 =
  {{None, Style[ "Neutral fraction", FontSize → 24, FontFamily → "Times New Roman"]},
   {Style["N_H[10^18cm^-2]", FontSize → 22, FontFamily → "Times New Roman"], None}};
markers1 = {{marker1, 0.013}, {marker2, 0.013}};
frame1 = {True, False, True, True};
ticks1 = {{None, All}, {All, All}};
legend1 = Placed[PointLegend[Automatic,
    {Style["H neutral frac.", FontSize → 20, FontFamily → "Times New Roman"],
     Style["He neutral frac.", FontSize → 20, FontFamily → "Times New Roman"]},
    LegendMarkerSize → 10], {0.4, 1.0}];

plot1 = ListPlot[{y1H, y1He}, PlotRange → All,
  PlotMarkers → markers1, Axes → False, FrameTicks → ticks1,
  TicksStyle → {FontSize → 18, Directive[Thick]}, FrameTicksStyle → FontSize → 20,
  Frame → frame1, FrameStyle → Directive[AbsoluteThickness[1.1], Black],
  FrameLabel → label1, PlotLegends → legend1, ImagePadding → 60, ImageSize → Large]
```



```
label2 = {{Style["Temperature T [10^4K]", FontSize → 22,
      FontFamily → "Times New Roman"], None}, {None, None}};
markers2 = {marker3, 0.013};
frame2 = {False, True, False, False};
ticks2 = {{All, None}, {None, None}};
legend2 = Placed[PointLegend[Automatic,
     {Style["Temperature", FontSize → 20, FontFamily → "Times New Roman"], None},
     LegendMarkerSize → 10], {0.766, 1.0}];

plot2 = ListPlot[{Te, 0}, PlotRange → All, PlotMarkers → markers2, Axes → False,
  FrameTicks → ticks2, TicksStyle → {FontSize → 18, Directive[Thick]},
  FrameTicksStyle → FontSize → 20, Frame → frame2,
  FrameStyle → Directive[AbsoluteThickness[1.1], Black], FrameLabel → label2,
  PlotLegends → legend2, ImagePadding → 60, ImageSize → Large]
```



```
Overlay[{plot1, plot2}]
```