

**c\_x:**

Normalization of the X-ray luminosity to star formation rate

Default:  $3.4 \times 10^{40} \text{ [erg s}^{-1} (M_{\odot} \text{ yr}^{-1})^{-1}]$

**f\_x:**

Constant multiplicative factor applied to `cX`, which is typically chosen to match observations of nearby star-forming galaxies

Default: 0.2

**fesc:**

Escape fraction of ionizing radiation.

Default: 0.1

**fstar:**

Star formation efficiency, fraction of collapsing gas that turns into stars

Default: 0.1

**Clumping factor:**

Multiplicative enhancement to the recombination rate

Default: 1