The requested changes are as follows:

**Page 1, Abstract (TS1):**

It should be “…SA (10^{6} molec.cm^{-3}), PA (1010 molec.cm^{-3}) and NH3 (10^{11} and 5×10^{11} molec.cm^{-3})…” instead of “…SA (10^{6} cm^{3}), PA (10^{10} cm^{3}) and NH3 (10^{11} and 5×10^{11} cm^{3})…”

Explanation: The unit for concentration is cm^{-3} instead of cm3. The previous notation was erroneous. Furthermore, it is to keep consistency with other concentration units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 6, line 57 (TS3):**

It should be “…10^{9}–10^{11} molec.cm^{-3}…” instead of “…10^{9}–10^{11} cm^{3}…”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 7, l. 31-34 (TS4 and TS5):**

- It Should be “…[SA] = 10^{6}–10^{8} molec.cm^{-3}, [PA] = 10^{7}–10^{10} molec.cm^{-3}…” instead of “…[SA] = 10^{6}–10^{8} cm^{-3}, [PA] = 10^{7}–10^{10} cm^{-3}…”

- It Should be “…[NH\_{3}] = 10^{8}–10^{11} molec.cm^{-3}…” instead of “…[NH\_{3}] = 10^{8}–10^{11} cm^{-3}…”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 8, caption of Figure 5 (TS6):**

It Should be “Figure 6. Main cluster pathways at (a) 238 K and (b) 278 K. Monomer concentrations are [SA] = 10^{6} molec.cm^{-3}, [PA] = 10^{10} molec.cm^{-3} and [NH\_{3}] = 10^{11} molec.cm^{-3}. Red color indicates the path involving PA.”

instead of

“Figure 6. Main cluster pathways at (a) 238 K and (b) 278 K. Monomer concentrations are [SA] = 10^{6} cm^{-3}, [PA] = 10^{10} cm^{-3} and [NH\_{3}] = 10^{11} cm^{-3}. Red color indicates the path involving PA.”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 8, l. 2-12 (TS7-TS11):**

- It should be “where J is the cluster formation rate calculated at fixed SA concentration (10^{6} molec.cm^{-3}), x = 10^{7} - 10^{10} molec.cm^{-3} and y = 10^{10} - 10^{12} molec.cm^{-3}. Figure 5 shows the enhancement factor as a function of [PA] and [NH\_{3}]. At a fixed NH\_{3} concentration of 10^{10} molec.cm^{-3}, the enhancement…”

instead of

- “where J is the cluster formation rate and SA concentration is fixed to 10^{6} cm^{-3} (x = 10^{7} - 10^{10} cm^{-3}, y = 10^{10} - 10^{12} cm^{-3}). Figure 5 shows the enhancement factor as a function of [PA] and [NH\_{3}]. At a fixed NH\_{3} concentration of 10^{10} cm^{-3}, the enhancement…”

- It should be “…increased to reach 10^{8} molec.cm^{-3}. The only condition that could lead to significant PA enhancements was observed for [NH\_{3}] > 10^{11} cm^{-3} and 238 K. Figure 5 shows that for 10^{11} molec.cm^{-3} < [NH\_{3}] < 10^{12} molec.cm^{-3}, the enhancement…”

instead of

“…increased to reach 10^{8} cm^{-3}. The only condition that could lead to significant PA enhancements was observed for [NH\_{3}] > 10^{11} cm^{-3} and 238 K. Figure 5 shows that for 10^{11} cm^{-3} < [NH\_{3}] < 10^{12} cm^{-3}, the enhancement…”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 9, caption of Fig. 6 (TS12):**

It should be “Figure 6. Main cluster pathways at (a) 238 K and (b) 278 K. Monomer concentrations are [SA] = 10^{6} molec.cm^{-3}, [PA] = 10^{10} molec.cm^{-3} and [NH\_{3}] = 10^{11} molec.cm^{-3}. Red color indicates the path involving PA.”

instead of

“Figure 6. Main cluster pathways at (a) 238 K and (b) 278 K. Monomer concentrations are [SA] = 10^{6} cm^{-3}, [PA] = 10^{10} cm^{-3} and [NH\_{3}] = 10^{11} cm^{-3}. Red color indicates the path involving PA.”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 9, l. 10 (TS13), l. 41-42:**

- It should be “…[SA] = 10^{6} molec.cm^{-3}, [PA] = 10^{10} molec.cm^{-3}, and [NH\_{3}] = 10^{11} and 5 ×10^{11} molec.cm^{-3}…” instead of “…[SA] = 10^{6} cm^{-3}, [PA] = 10^{10} cm^{-3}, and [NH\_{3}] = 10^{11} and 5 ×10^{11} cm^{-3}…”

- It should be “We observed that with [SA] = 10^{6} molec.cm^{-3}, [PA] = 10^{10} molec.cm^{-3}, and [NH\_{3}] = 10^{11} molec.cm^{-3}, PA-containing…” instead of “We observed that with [SA] = 10^{6} cm^{-3}, [PA] = 10^{10} cm^{-3}, and [NH\_{3}] = 10^{11} cm^{-3}, PA-containing…”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.

**P. 10, l. 13-14 (TS14), l. 19:**

- It Should be “Under [SA] = 10^{6] molec.cm^{-3}, [PA] = 10^{10} molec.cm^{-3} and [NH\_{3}] = 10^{11} molec.cm^{-3} conditions, …” instead of “Under [SA] = 10^{6} cm^{-3}, [PA] = 10^{10} cm^{-3} and [NH\_{3}] = 10^{11} cm^{-3} conditions, …”

- It Should be “…and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” instead of “…and [NH\_{3}] = 1.3×10^{11} molecule cm^{-3}.”

Explanation: This is to keep consistency with other concentrations units in the text such as “…at 238 K and [NH\_{3}] = 1.3×10^{11} molec.cm^{-3}.” in the Abstract as corrected by the typesetter.