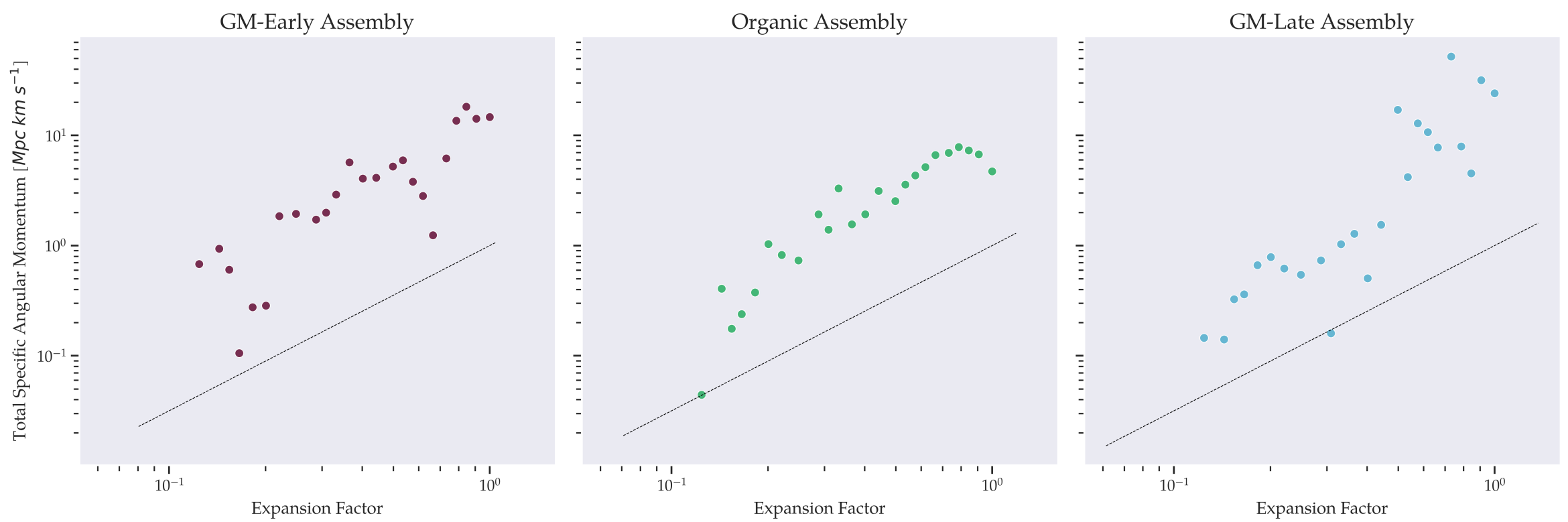
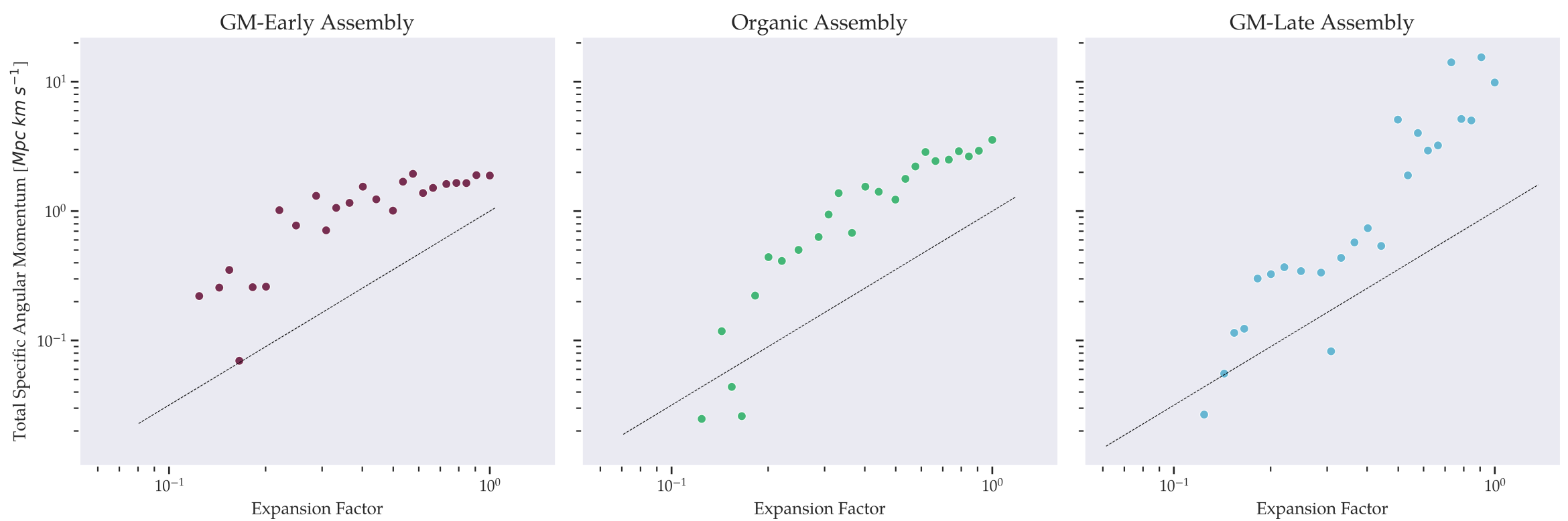


(a) Total specific angular momentum vs expansion factor plot for three assembly modes.

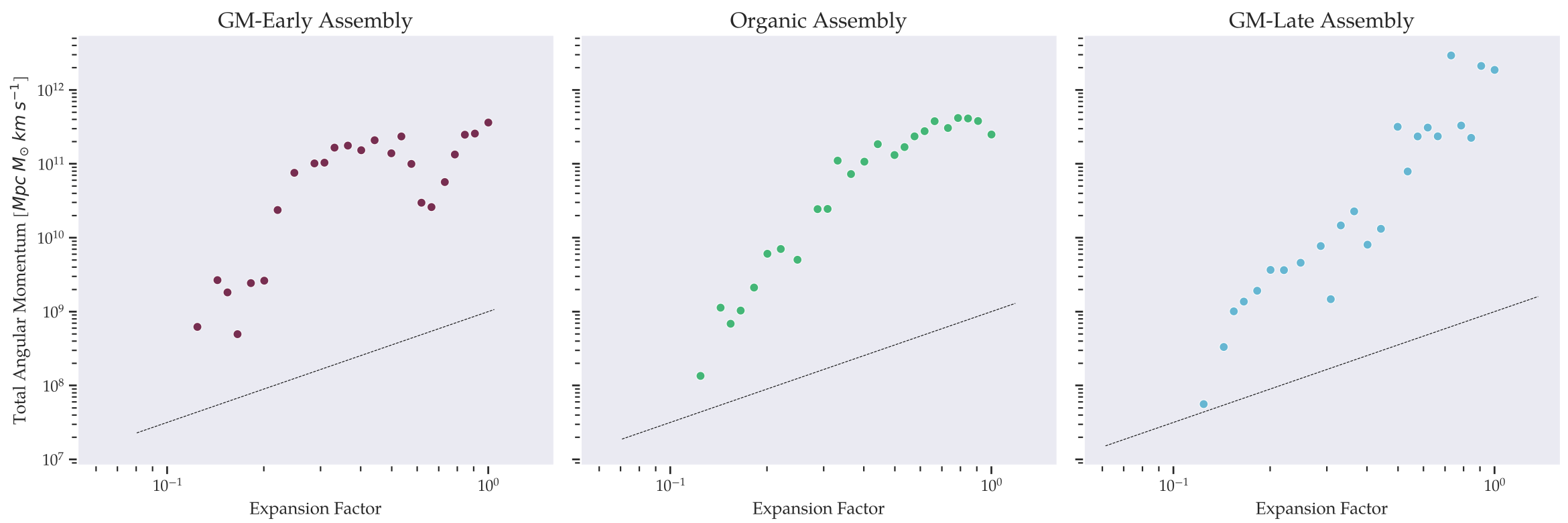


(b) Total specific angular momentum vs expansion factor plot for *baryon* particles in three assembly modes.

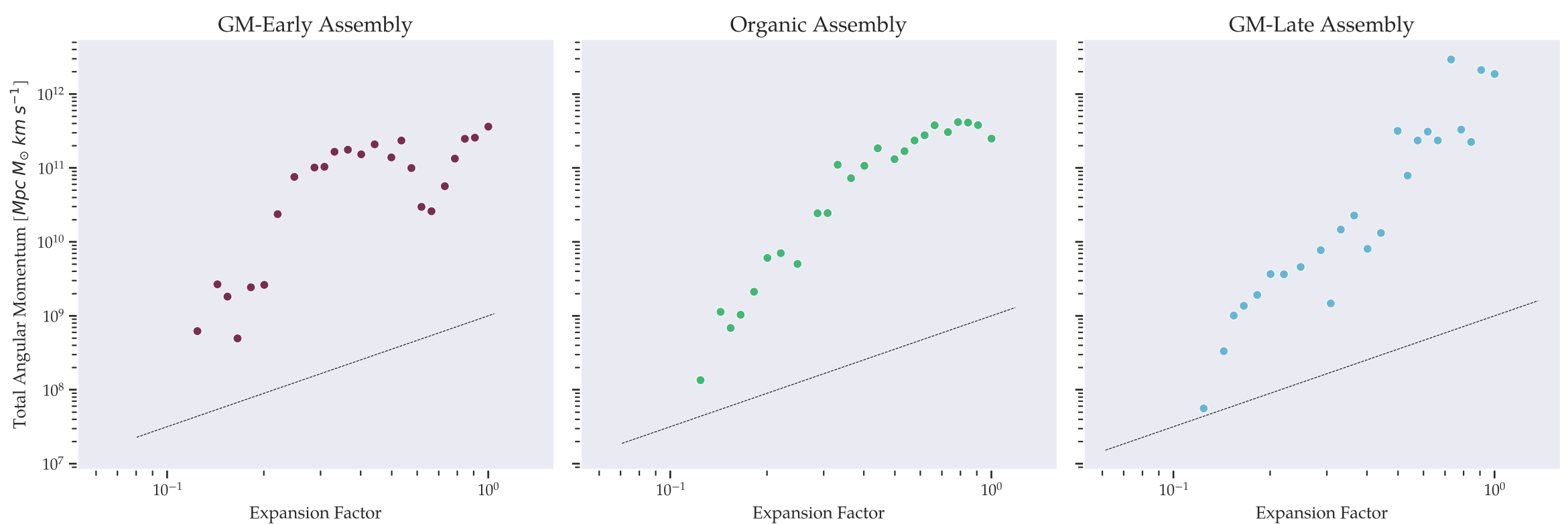


(c) Total specific angular momentum vs expansion factor plot for *cold dark matter* particles in three assembly modes.

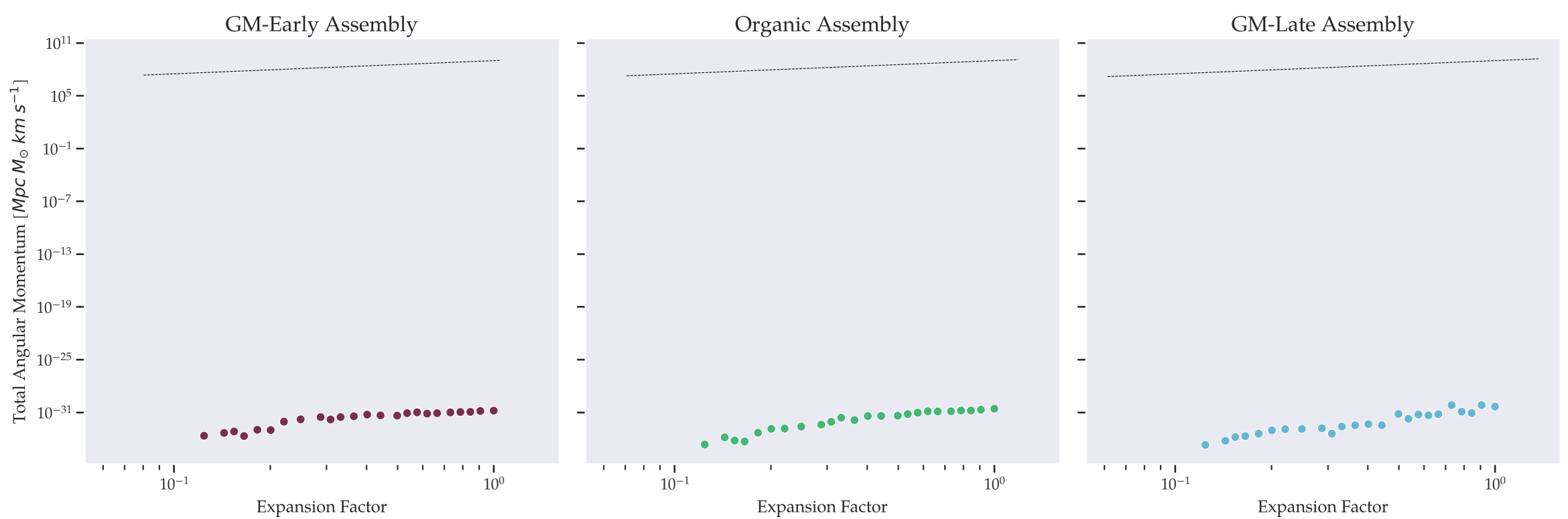
**Figure 1:** Specific angular momentum vs expansion factor (a) plots, overlaid by  $a^{3/2}$  dashed black line.



(a) Total angular momentum vs expansion factor plot for three assembly modes.

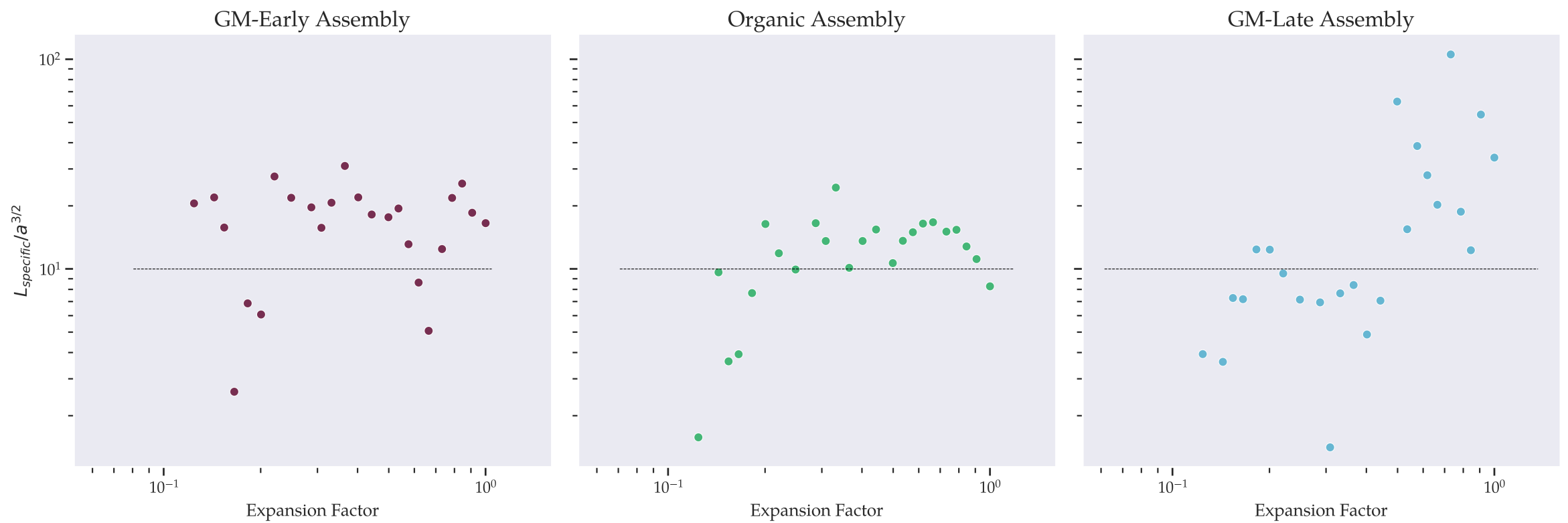


(b) Total angular momentum vs expansion factor plot for *baryon* particles in three assembly modes.

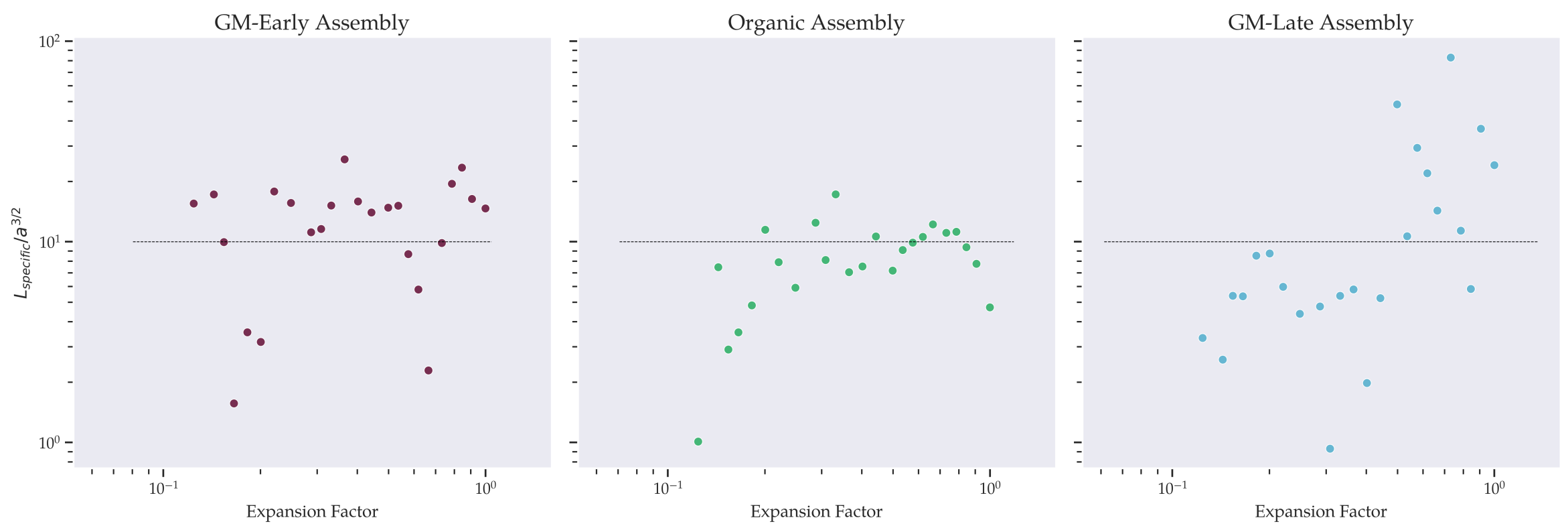


(c) Total angular momentum vs expansion factor plot for *cold dark matter* particles in three assembly modes.

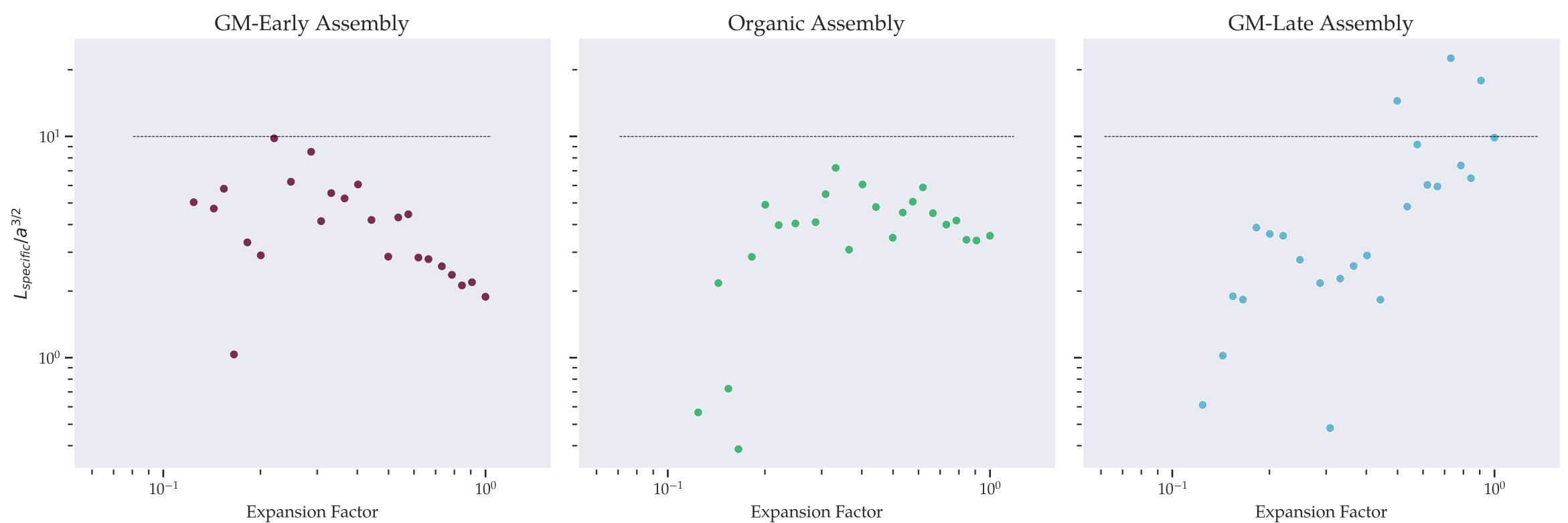
**Figure 2:** Total angular momentum vs expansion factor  
(a) plots, overlaid by  $a^{3/2}$  dashed black line.



(a) Total specific angular momentum divided by expansion factor raised to the 3/2 exponent vs expansion factor plot for three assembly modes.



(b) Total specific angular momentum divided by expansion factor raised to the 3/2 exponent vs expansion factor plot for *baryon* particles in three assembly modes.



(c) Total specific angular momentum divided by expansion factor raised to the 3/2 exponent vs expansion factor plot for *cold dark matter* particles in three assembly modes.

**Figure 3:** Specific angular momentum divided by expansion factor raised to the 3/2 exponent vs expansion factor (a) plots, overlaid by  $a^{3/2}$  dashed black line.