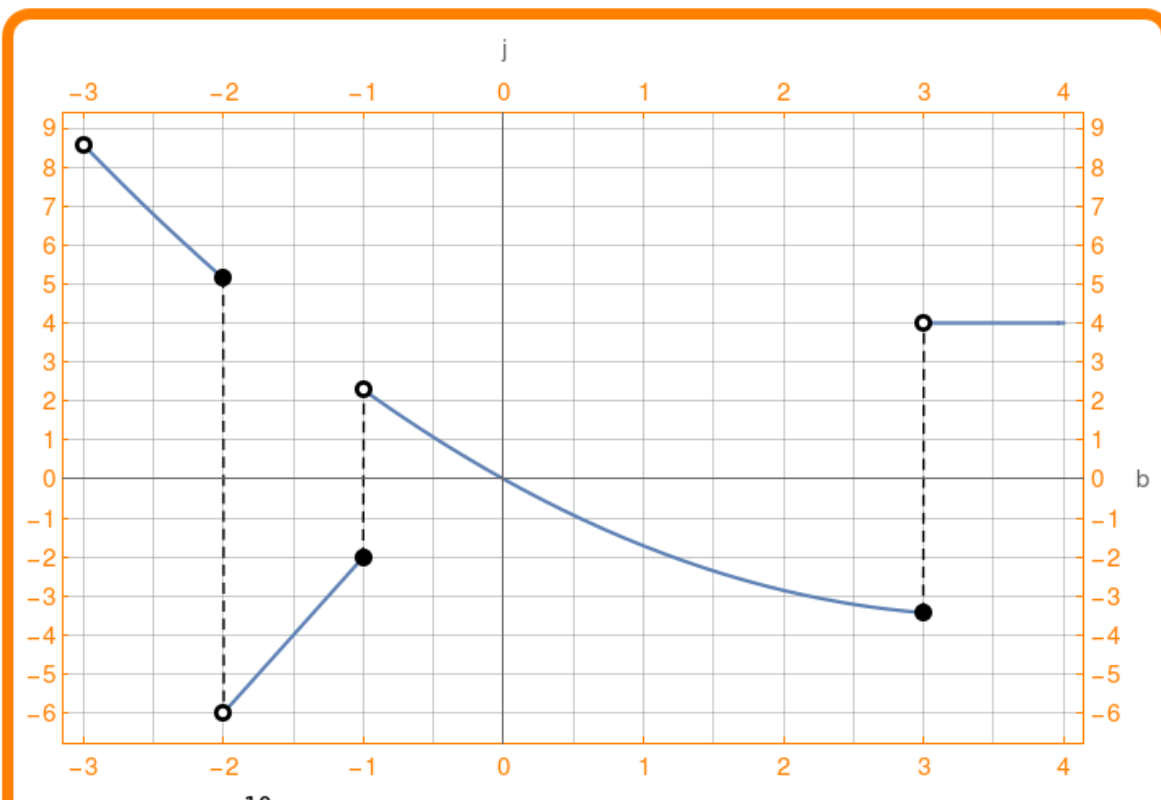
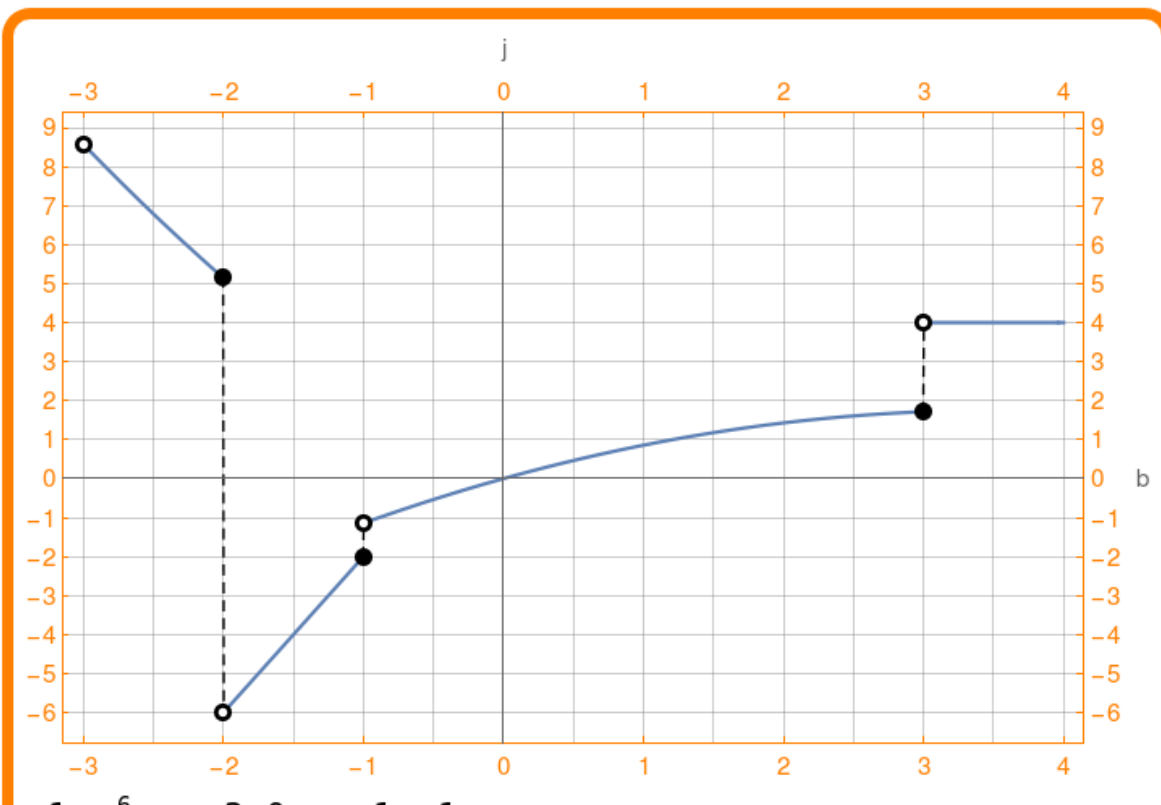
1. Given the function:

$$j(b) = \begin{cases} \frac{b^2}{7} - b & -3 < b \le -2 \\ 2b + 1 & -2 < b \le -1 \\ \frac{b^2}{7} - b & -1 < b \le 3 \\ 4 & b > 3 \end{cases}$$

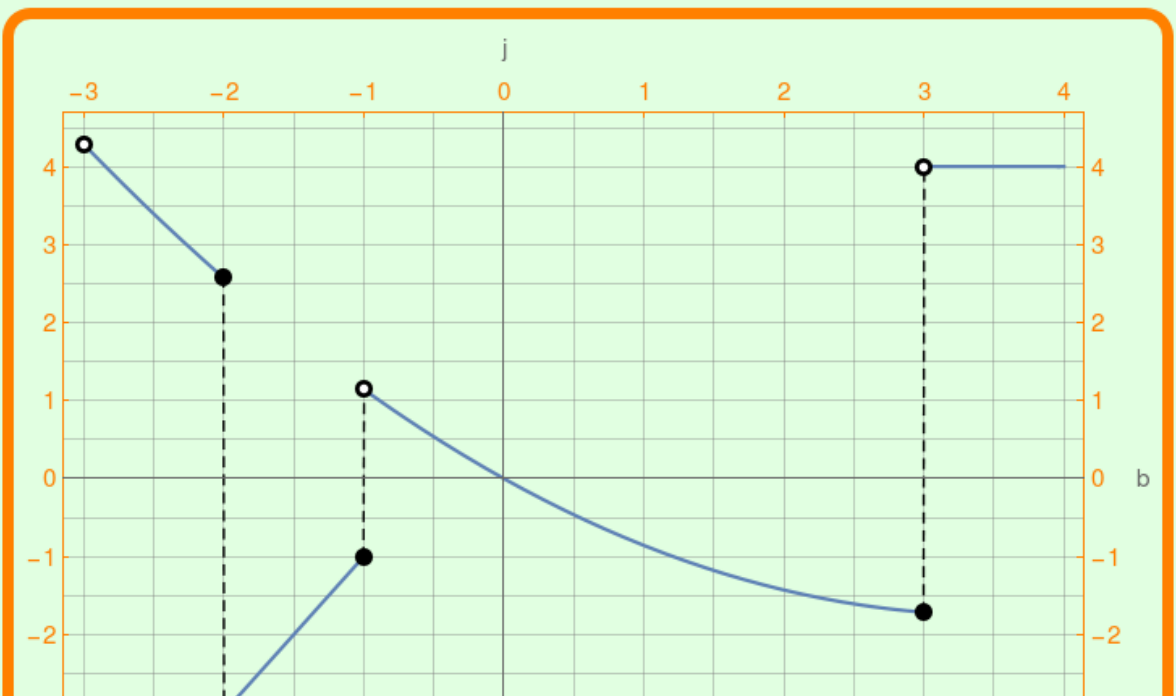
Which plot matches the points?



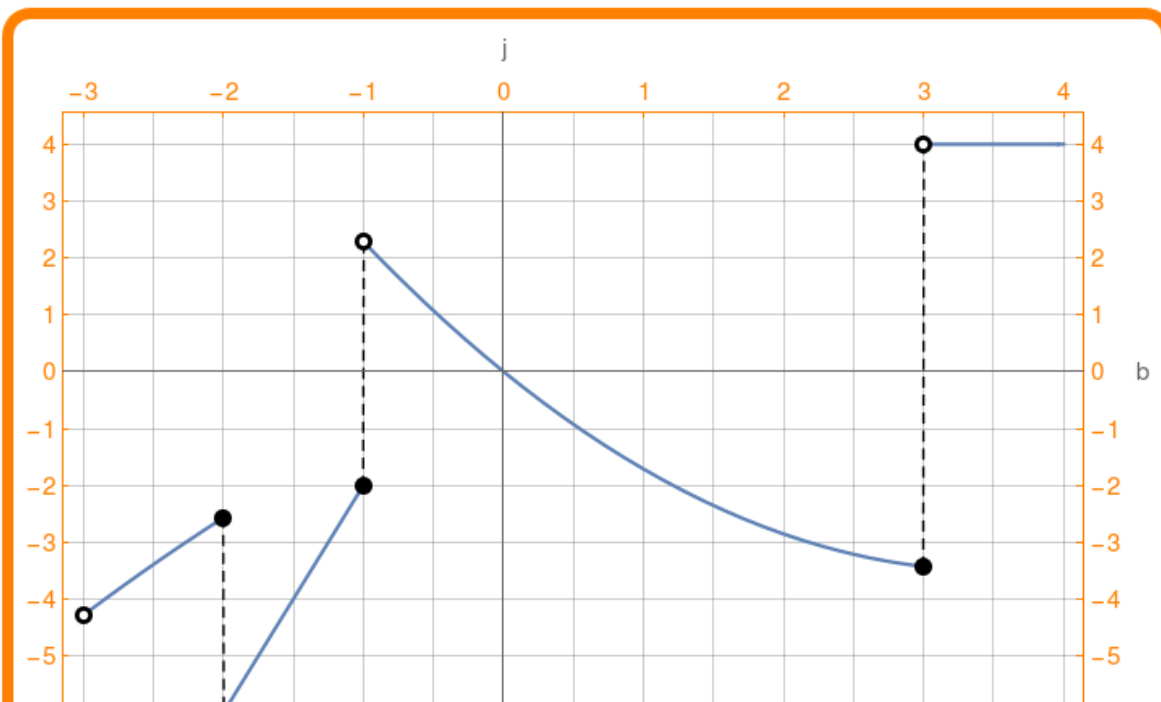
$(4,4), (2,-\frac{10}{7}), (0,0)$



$(1,-\frac{6}{7}), (-3,0), (-1,-1)$



$(2,-\frac{10}{7}), (4,4), (-2,\frac{18}{7})$



$(-3,0), (-2,\frac{18}{7}), (3,-\frac{12}{7})$

Solution