Problem 3-6

Qualitative interpretation:

3 distinct slopes \implies 3 layers

Layer 1
\[ V_1 = V_{1r} \]

Layer 2
\[ t_2 < t_{2r} \]
thus layer 2 must be dipping down to the right

\textit{however}, I had a hard time distinguishing the forward and reverse velocities. I would have expected the forward velocity to be much greater than the reverse velocity

Layer 3
\[ V_3 > V_2 > V_{1r} \]
but hard to tell if it is dipping or not since it is influenced by dipping interface of layer 2.