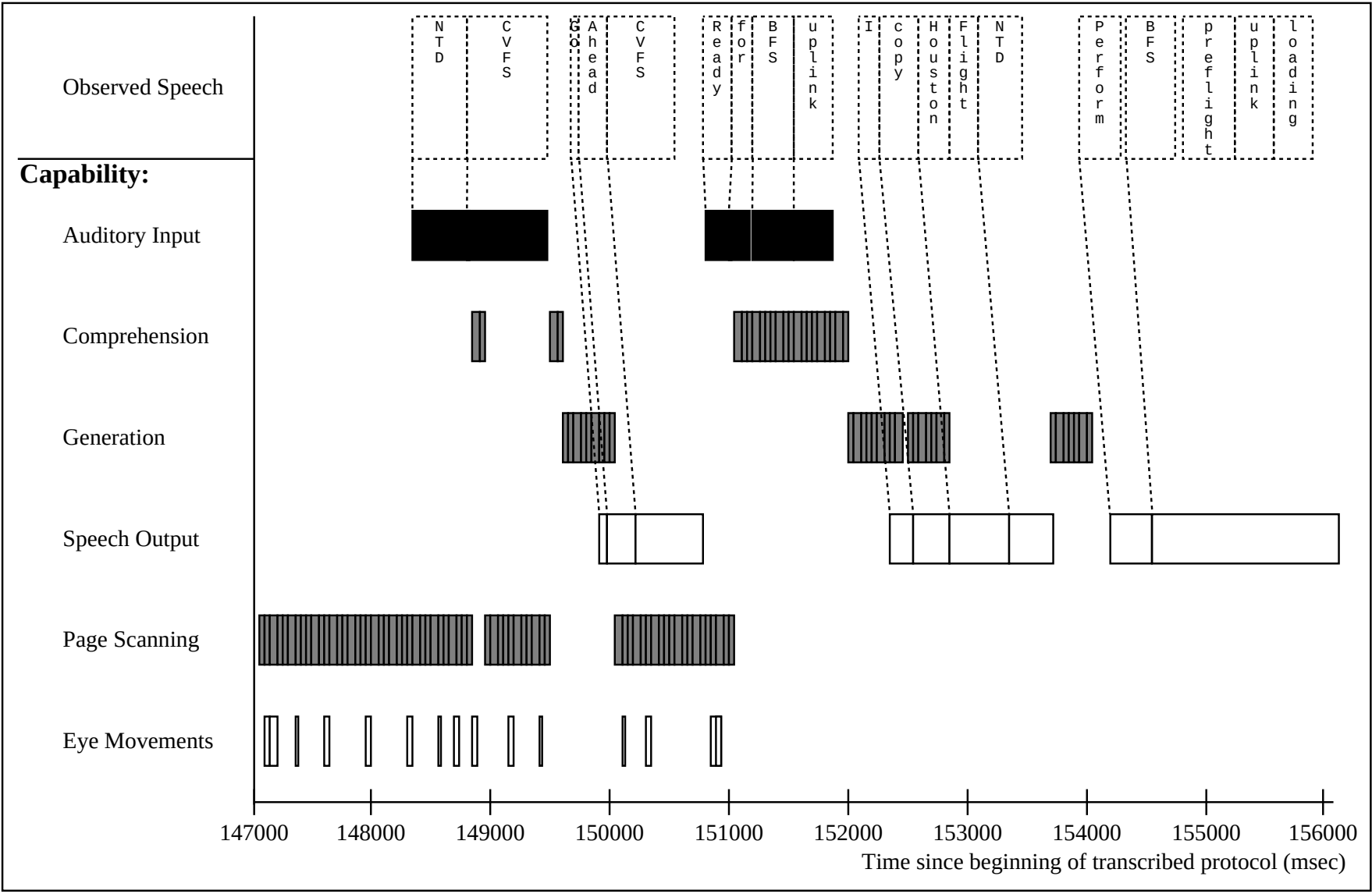


Figure 4: Graphical comparison of audio data and NTD-Soar's behavior for two dialogs.

Dotted lines indicate match with data, with slant reflecting discrepancies. Black boxes are perception of speech input; grey are cognitive operators; white are motor operators that affect the physical world.