



Figure 10 displays the ratio of predicted to observed counts ( $pv/A/m4$ ) for various energy channels, comparing early-time and mid-time observations with their corresponding predictions. The subplots are arranged vertically, showing the ratio for channels 1 to 3, 4 to 6, 7 to 9, 10 to 12, 13 to 15, 16 to 18, 19 to 21, 22 to 24, and 25 to 27. The x-axis for all plots is energy in eV, ranging from approximately 645,000 to 665,000. The y-axis represents the ratio  $pv/A/m4$ , with scales varying by subplot. The legend indicates the following data series: Early-time Observed (red), Early-time Predicted (magenta), Mid-time Observed (green), Mid-time Predicted (blue), Late-time Observed (dark blue), and Late-time Predicted (cyan). The plots show a prominent peak around 650,000 eV, with the predicted values generally following the observed trends.