



第5図。余震発生率の予測と発生頻度の結果(左図はM5以上、右図はM6以上)。本震後3、6、12、24経過時までには得られたデータからそれぞれ実際に起きていた余震の発生率を推定し(それぞれピンク、青、緑、赤の曲線)、その後、各々6、12、24、48経過時までの余震の予測発生率(対応する色の太い延長点線)。黒丸は実際の頻度率と誤差。

Figure 5. Forecast of underlying aftershocks and observed aftershocks. Closed circles represent empirical occurrence rates (# / day) of observed aftershocks with magnitude (a)  $M \geq 5.0$  and (b)  $M \geq 6.0$ . Occurrence rates of underlying aftershocks with magnitude (a)  $M \geq 5.0$  and (b)  $M \geq 6.0$ , estimated for a learning period (solid curve) and forecasted for the following period of the same duration (dashed curve). Learning periods are 3 (magenta), 6 (blue), 12 (green), and 24 (red) h after the main shock. Bars indicate 95% predictive intervals of empirical occurrence rates (see Supplementary Information).