Figure 6: Projection of the 2D fit result on $M_R$ (left) and $R^2$ (right) for the MU (top), ELE (center), HAD (bottom) boxes in the YR11 dataset. The blue histogram is the total Standard Model prediction as obtained from a single pseudo-experiment based on the 2D fit. The green, red, and yellow histograms show the breakdown of the Standard Model prediction into separate components as returned by the fit. The fit is performed in the $R^2$-$M_R$ sideband (as an example the magenta dotted line in the HAD box projection on $M_R$ denotes the corresponding fit region) and projected into the full region. Only the statistical error on the total SM background prediction is shown in these projections.