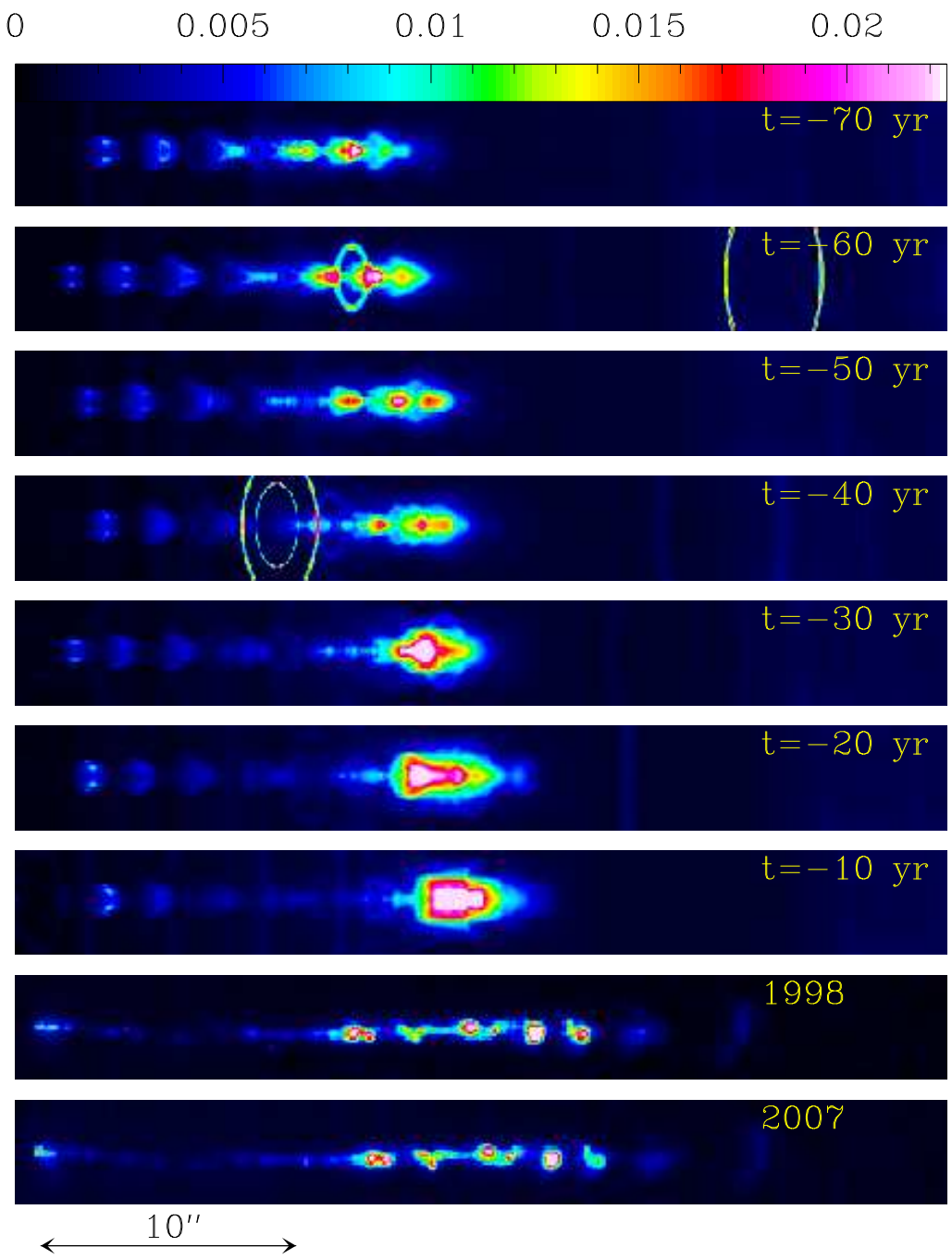

Fig. 8. [S II] 6716+30 intensity maps predicted from the $\sigma = 0.75$, 3-mode jet model for times $t = -70$ to -10 yr, at 10 yr intervals (the integration was started at $t = -3000$ yr, see § 4). The two bottom frames show the [S II] images obtained with the HST in 1998 and 2007 (see § 2). The predicted maps have been computed assuming that the outflow axis lies at a 30° angle with respect to the plane of the sky (as appropriate for HH 34), and show a region with the source on the left and an axial extent of 2.46×10^{17} cm. The HH 34 [S II] maps has been scaled to the same scale as the predicted maps, assuming a distance of 450 pc (the displayed region has a horizontal size of 36″.5). The intensities of the predicted maps are shown with a linear color scheme (given in erg s^{-1} cm^{-2} $sterad^{-1}$ by the top bar), and the HH 34 maps are shown with a linear color scheme with a maximum value corresponding to 0.2 counts per second per pixel. The color figure can be viewed online.