The graph illustrates the relationship between increasing age and plasma concentrations of DHEAS and Cortisol. As age increases, the concentration of DHEAS decreases, indicated by the downward slope of the blue line. Conversely, the concentration of Cortisol increases, shown by the upward slope of the red line. The y-axis represents the plasma concentration, while the x-axis indicates increasing age. The y-axis also shows the cortisol:DHEAS ratio, with an arrow pointing upwards to indicate the direction of change with age.