Fig. 5: Positive part of the 13-segment characteristic curve (A-law)

Figure 5 shows the positive part of the 13-segment characteristic curve in enlarged form. The abscissa is normalized to a value of 1, this being a measure for the highest signal value. The numbers of the quantization intervals (1...128) for positive signal values are plotted on the ordinate. The assignment of the quantization intervals to the signal values u_{in} clearly shows that larger signals are quantized with a coarse grid and smaller signal values with a finer grid.