The body is subdivided into

$$n = 1 + \texttt{Floor}\left[\frac{10|\texttt{K1L}|}{\texttt{EPS}}\right] \tag{176}$$

slices. $\texttt{EPS} = 1$ is used when $\texttt{EPS} = 0$. Then a transversely linear transformation $\exp(: H_{2n} :)$ is applied in each slice with

$$H_{2n} = \frac{1}{n}\left\{\left(-p + \frac{p_x^2 + p_y^2}{2p} + \frac{E}{v_0}\right)\texttt{L} + \frac{\texttt{K1}}{2}(x^2 - y^2)\right\}. \tag{177}$$

Between slices the correction $\exp(: \mathit{\Delta} H :)$ for the kinematical term

$$\mathit{\Delta} H = \frac{1}{n}\left(p - \sqrt{p^2 - p_x^2 - p_y^2} - \frac{p_x^2 + p_y^2}{2p}\right)\texttt{L} \tag{178}$$

is applied. In a solenoid, the forms of H_{2n} and $\mathit{\Delta} H$ are modified.