

\endinput

$$\begin{aligned}
&\text{for } E_\gamma \in ]B_{L1}, B_K]: \quad F = p_{1L1}/Z + p_{2L1}/\epsilon + p_{3L1} \\
&\text{for } E_\gamma \in ]B_{L2}, B_{L1}]: \quad F = p_{1L2}/Z + p_{2L2}/\epsilon + p_{3L2} \quad \text{for } E_\gamma \leq B_{L2}: \quad F = p_{1M}
\end{aligned}$$