

partcov: partial covering

A convolution model to convert some absorption model into a partial covering absorption. If the absorption model is $M(E)$ then this is converted to $(1 - \text{CvrFract}) + \text{Cvrfact} * M(E)$. Note that when specifying the model it is important to put parentheses in the right place. Let this model be $P(E)$ which we want to apply to an absorption model $M(E)$ then use the result to multiply an additive model $A(E)$. The combined model should be specified as $(P * M) * A$, not $P * M * A$ or $P * (M * A)$.

The parameters are :

$\text{par1} = \text{CvrFract}$ Covering fraction ($0 < \text{par1} < 1$).

