

increase

Increase the counter by the

Non-Productive binding counter increase

Generate a random

Random number

< Probability of

acting in the

crysttiline region?

(within probability)

region?

Bond is broken and properties of

molecule and other in the chain are

changed (reducing end, NR, chain

length etc.); Increase bond_broken

number by 1, and counter by the

productive increase

Return the counter and bonds broken value