



Nr.	Reaction	Type
Electron and ion reactions		Creation and loss
(8)	$e^- + O_2^+ \rightarrow 2O$	Dissociative recombination
(9)	$O^- + O_2^+ \rightarrow O_2 + O$	Neutralization
(10)	$e^- + O_2 \rightarrow O + O^-$	Dissociative attachment
(11)	$O^- + O_2 \rightarrow O + O_2 + e$	Direct detachment
(12)	$e^- + O_2 \rightarrow 2e^- + O_2^+$	Impact ionisation
(13)	$e^- + O^- \rightarrow O + 2e^-$	Impact detachment