

S_N1 or S_N2

S_N1	$3^\circ R-X$	yes	S_N2	$1^\circ R-X$	yes
	$2^\circ R-X$?		$2^\circ R-X$?
	$1^\circ R-X$	no		$3^\circ R-X$	no

Other factors influencing rates:

Nucleophile : charged OH^- SH^- I^- CN^-
neutral H_2O NH_3

Solvent

Temperature