$$D_{poly}^{rand} = D_{poly} \pm (\textbf{random}) \times 5\textbf{nm}$$

Random D_{Poly}

n_{in}

n_{poly}

n_{out}

1   2   3 $N-1$ N
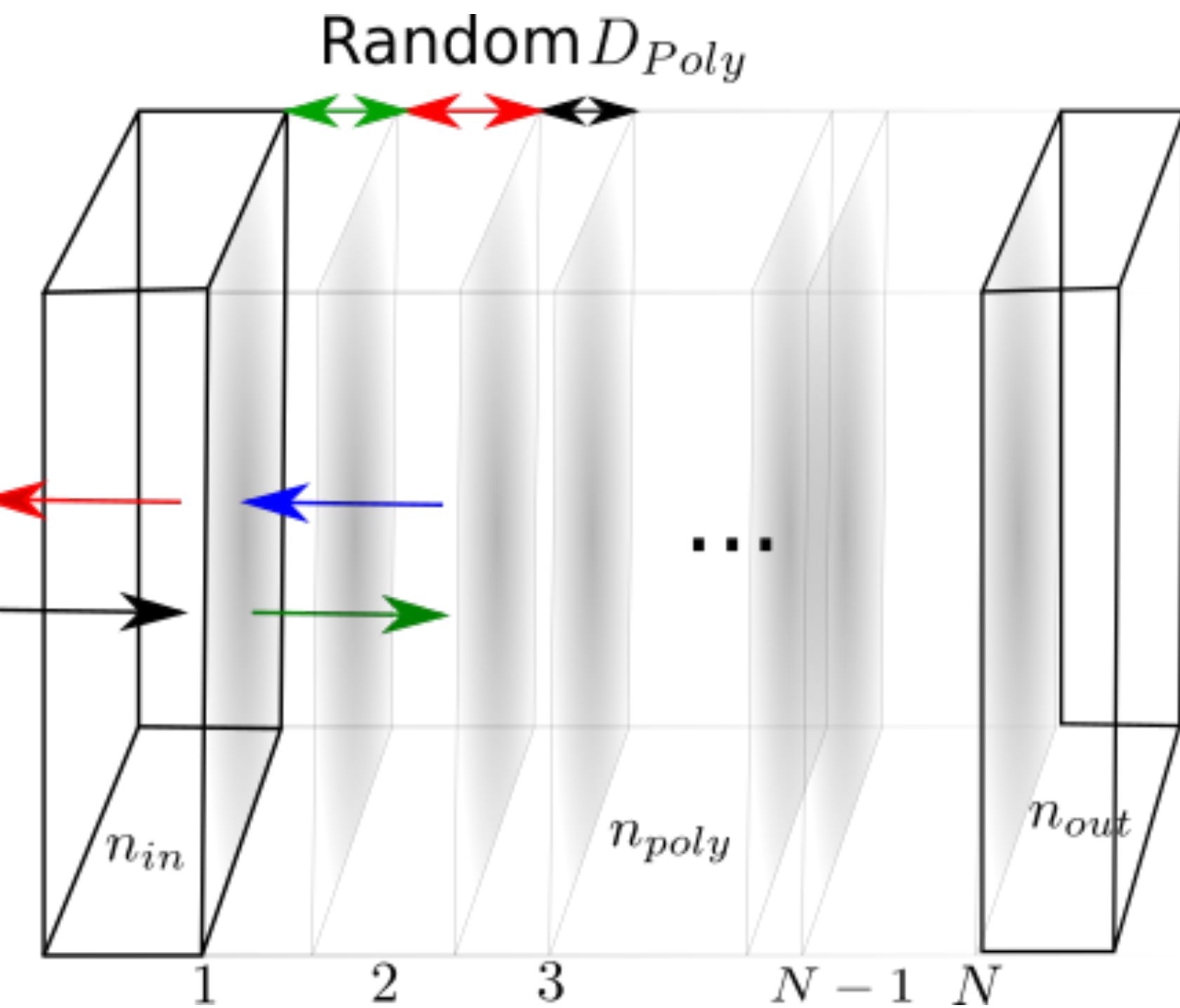
Reflected intensity at Normal Incidence (%)

$D_{Poly} = 10\ nm$

$D_{Poly} = 15\ nm$

$D_{Poly} = 20\ nm$

D_{poly}

$D_{Poly} = 25\ nm$

$D_{Poly} = 30\ nm$

$\lambda = 1500$ nm

$n_i = 1.46$

$n_{poly} = 1.66$

$n_{out} = 1.80$

$D_{Poly} = 40\ nm$
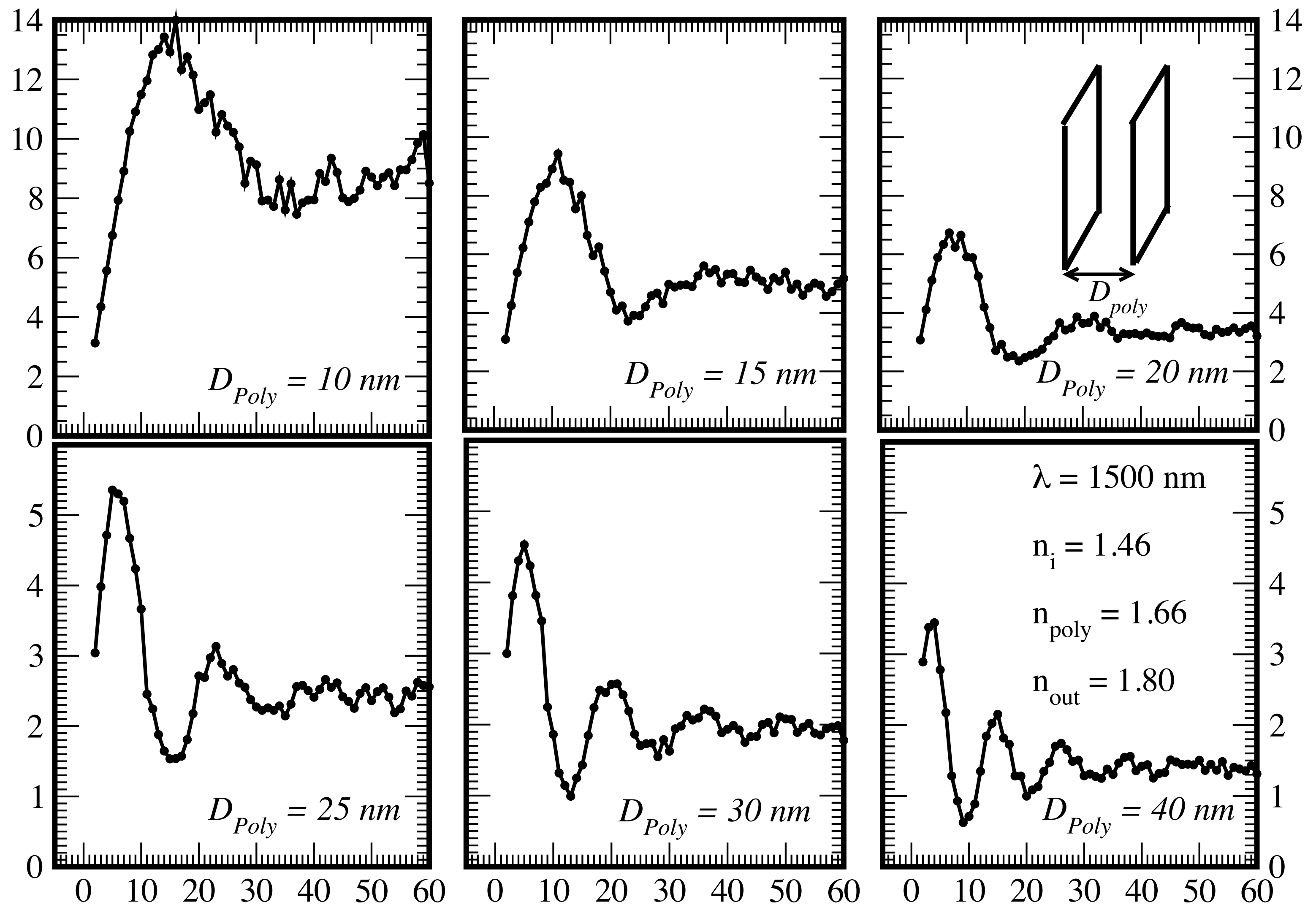
Number of Graphene Layers