

CF⁺, 500 eVCF⁺, 750 eVCF⁺, 1000 eVThickness
(nm)10
5
0

Mixed layer



Film layer

Number density
(nm⁻³)40
20
0

0

1

0

1

1

Ion dose ($\times 10^{17}$ cm⁻²)

Si



C



F



N



H