



5`i`b]j`YfgU`hfYbX`]b`h`Y`V]bX]b[`YbYf[]Yg`cZXYYd`]a`di`f]h]Yg`]b`gYa`]VtbXi`Vtcf`g`
A`>`"7`U`X`Ug`z`5`":`Uhn]c`z`UbX`5`YI`Ni`b[`Yf`

7]h]h]cb.`5dd`]YX`D`n]g]M]g`@Y]h]Yfg`() `z`*`+`%`f]%,`(`L`/`Xc].`%`\$`"```\$`*`'`#`%`-`-`)'`)%`

J]Yk`cb`]bY.`\`h]d.`#`Xl`"Xc]"cf[`#`\$`"```\$`*`'`#`%`-`-`)'`)%`

J]Yk`HUV`Y`cZ7`cb]h]b]g.`\`h]d.`#`g]V]h]h]cb]"U]d]"cf[`#`L`b]h]Y`b]h]U]d]#`ci`fbU`#`Ud`#`(`#`3j`Yf1dXZM]j`

Di`V]g]\`YX`Vmi]h]Y`5`D`Di`V]g]\`b[

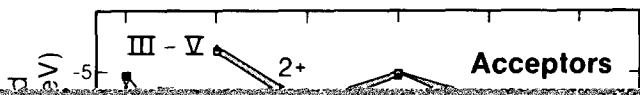
5f]h]WYg`m]ci`a`UmVY`]b]h]YfYg]h]X`]b`

7`\UfUW]Yf]h]h]cb`cZXYYd`]a`di`f]h]Yg`]b`gYa`]VtbXi`Vtcf`g`Vmi]h]YfU`Yfm`h]i`bbY`]b[`]cb]h]h]cb`

>`"5dd`"D`n]g",`+`z`,`(`f`&`\$`\$`\$`L`/%`\$`"```\$`*`'`#`%`"``+`&`(`&`'`

8YYd`YbYf[`m`Yj`Y`g`cZgi`Vgh]h]h]cbU`]a`di`f]h]mdU]f]g`]b`h`Y`k`i`fm]h]Y`gYa`]VtbXi`Vtcf`NbG`

5dd`"D`n]g"@Y]h]h]i`)`+`z`,`+`\$`f]%,`-`\$`L`/%`\$`"```\$`*`'`#`%`"```\$`'`-`%`



free-ion ionization energies¹⁸; the jump is larger in the more ionic II-VI systems since the impurity Mott-Hubbard Coulomb repulsion energies U are larger ($U \sim 10-20$ eV in free