|  |  |  |  |
| --- | --- | --- | --- |
| Compound | Li | LiF | Spodumene |
| Critical voltage Ec |  |  |  |
| Overvoltage ratio (Eo/Ec) |  |  |  |
| Depth of penetration of electrons |  |  |  |
| Ionization cross-section |  |  |  |
| 1/S (deceleration factor)& R (backscatter factor) |  |  |  |
| Area F |  |  |  |
| (1-R/η)0.6 |  |  |  |
| Backscatter coefficient |  |  |  |
| Backscatter Factor |  |  |  |
| Mass absorption coefficient |  |  |  |
| Detector’s efficiency |  |  |  |
| Solid angle |  |  |  |
| Incident current |  |  |  |

The **average number of primary ionizations** due to an electron of initial energy Eo at the level l of the atoms A is commonly expressed by means of a deceleration factor 1/S and a backscatter factor R.