Detectors

Faraday-cup

For the second seco



Electron multiplier



Continuous electron multiplier



Conversion dynode



 Suitable for larger masses, because with higher m/z decreases the response of the classical detectors





Summary

- For a current → Faraday cup
- Usually, the number of ions is insufficient for direct detection → multipliers
 - **Electron multiplier** discrete dynodes
 - Continuous dynode
- Conversion dynode ions are converted to electrons before entering a multiplier
- Daly detector ions are converted to electrons, electrons are converted to photons, photons are detected in a photomultiplier

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