

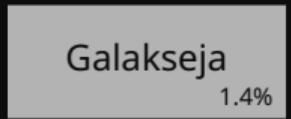
# Pimeä aine uuden sukupolven detektoreissa

Sebastian Sassi

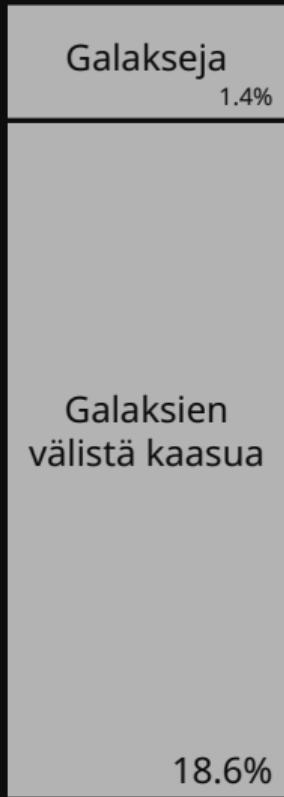
Helsingin Yliopisto

6.3.2025

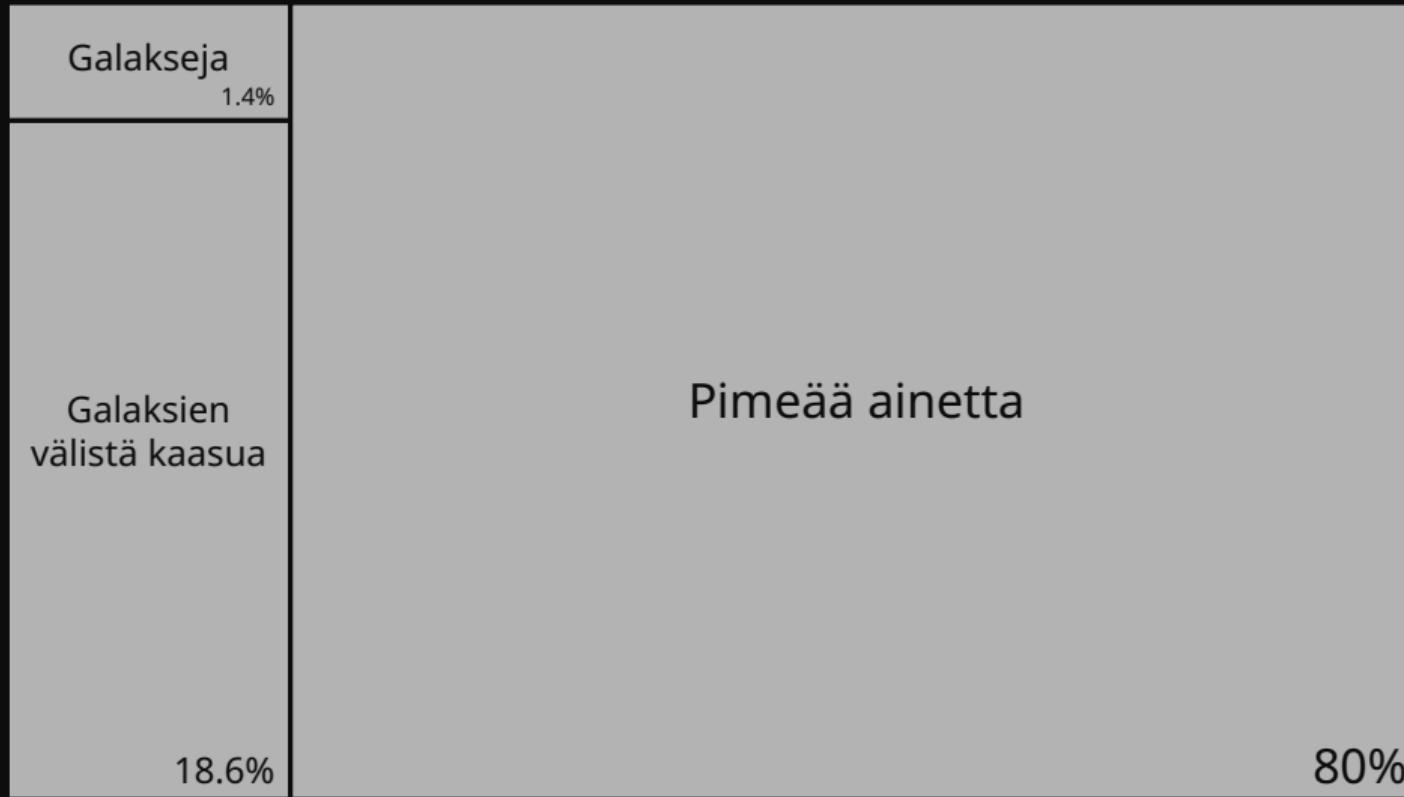
# Maailankaikkeuden koostumus



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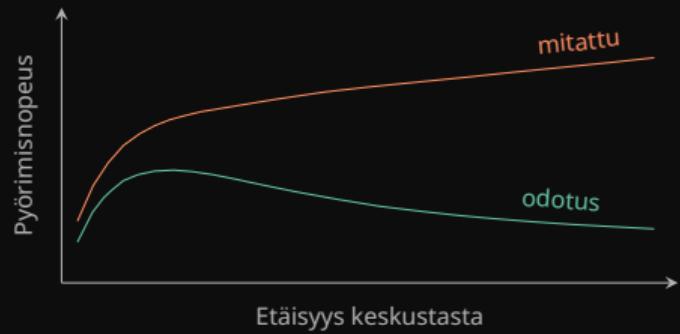
# Maailankaikkeuden koostumus



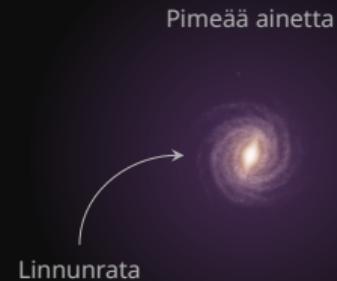
# Galaksien pyörimisnopeudet



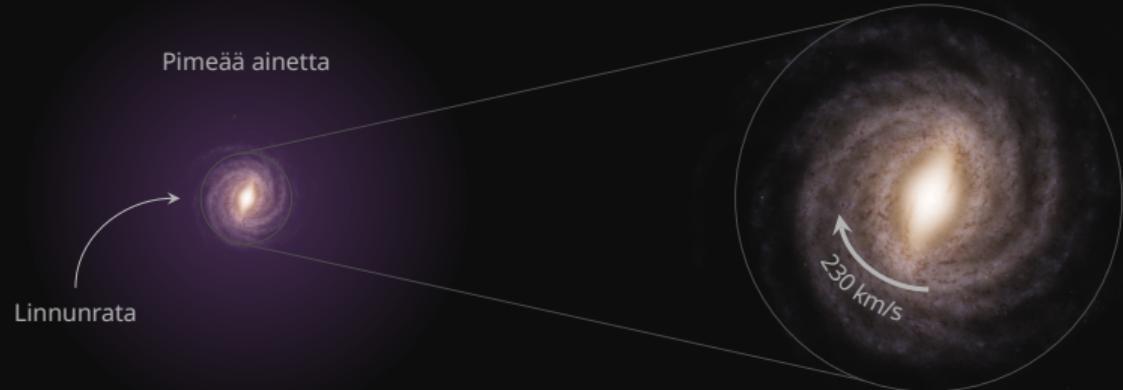
# Galaksien pyörimisnopeudet



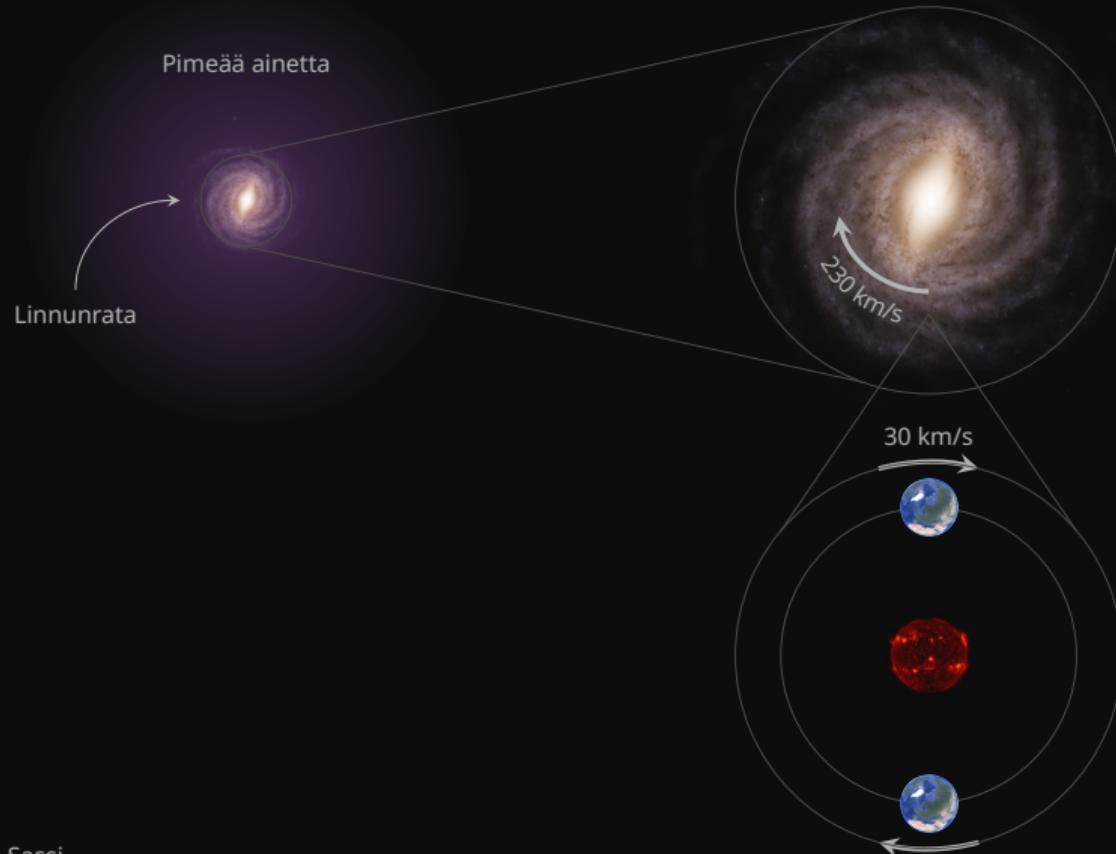
# Pimeä aine Maan läheisyydessä



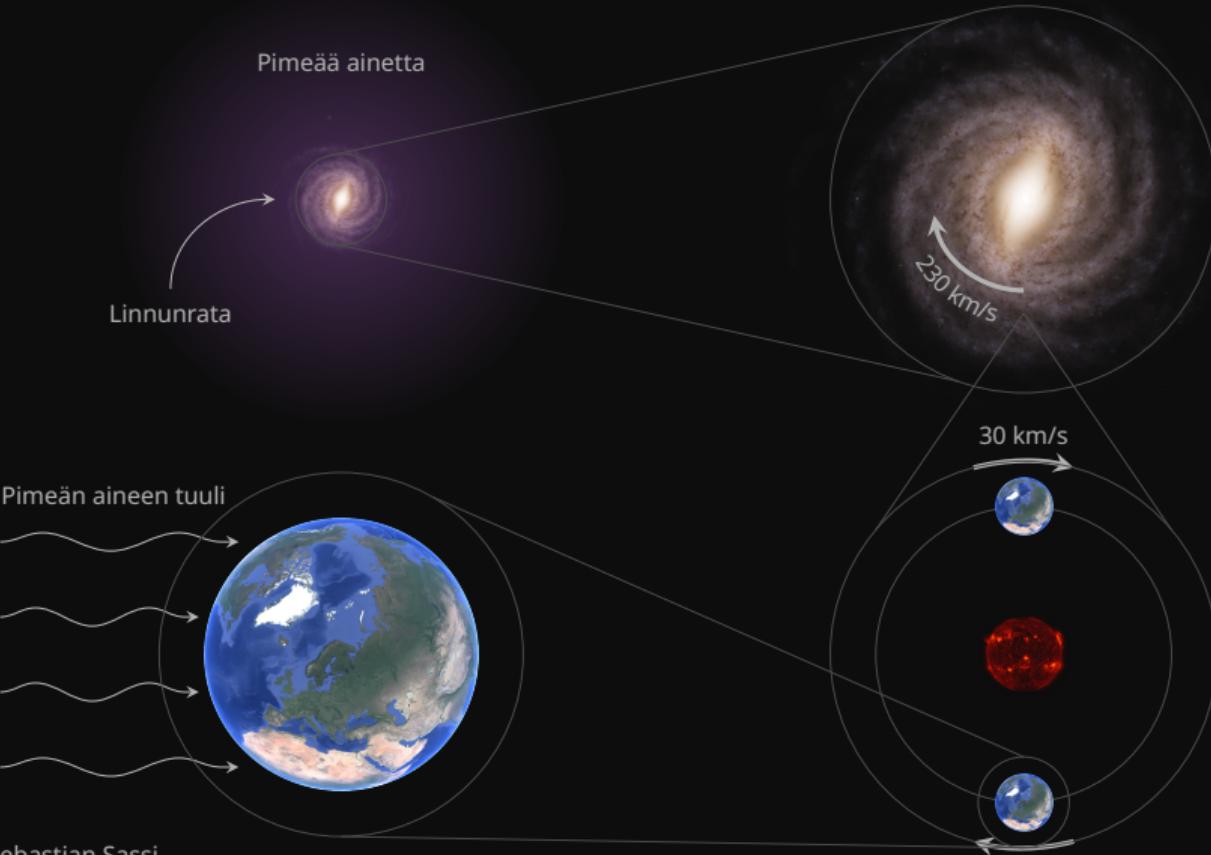
# Pimeä aine Maan läheisyydessä



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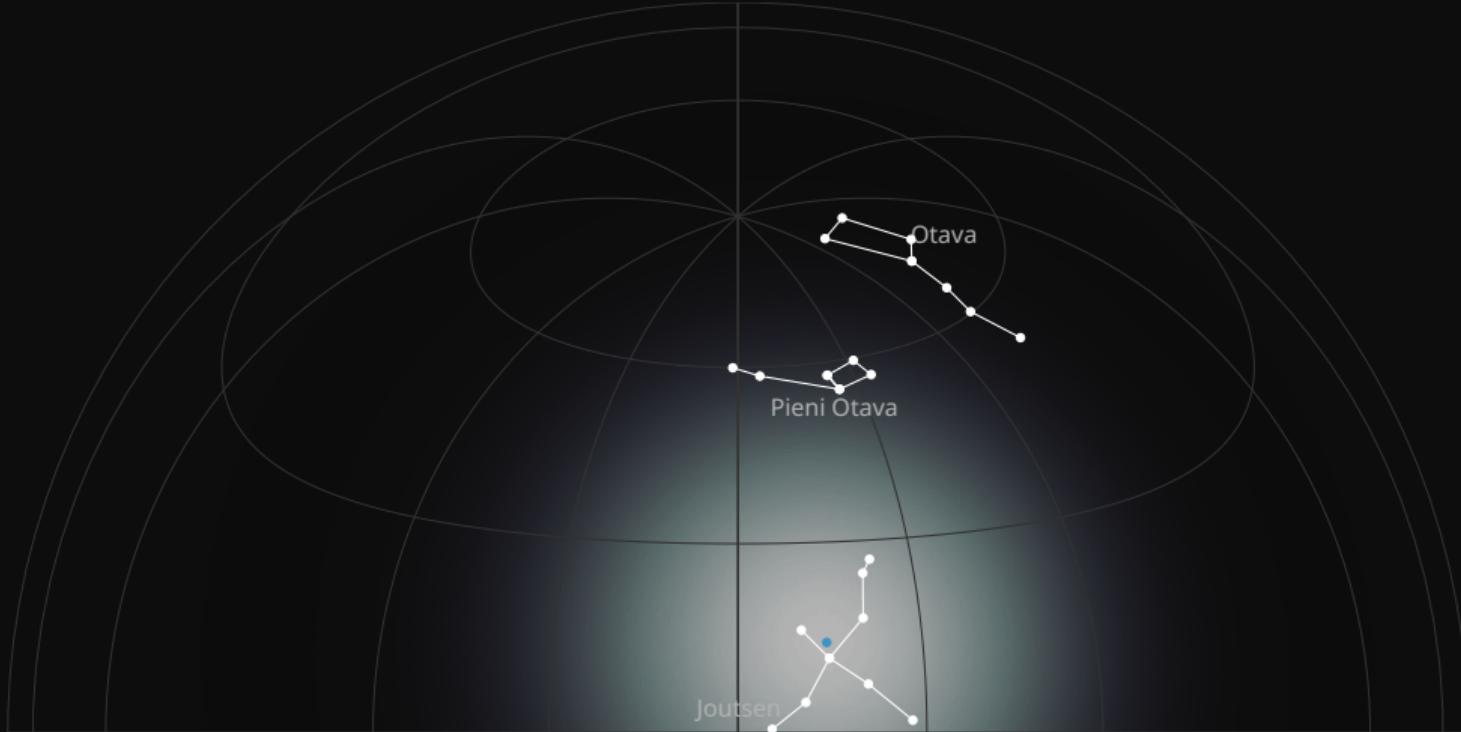
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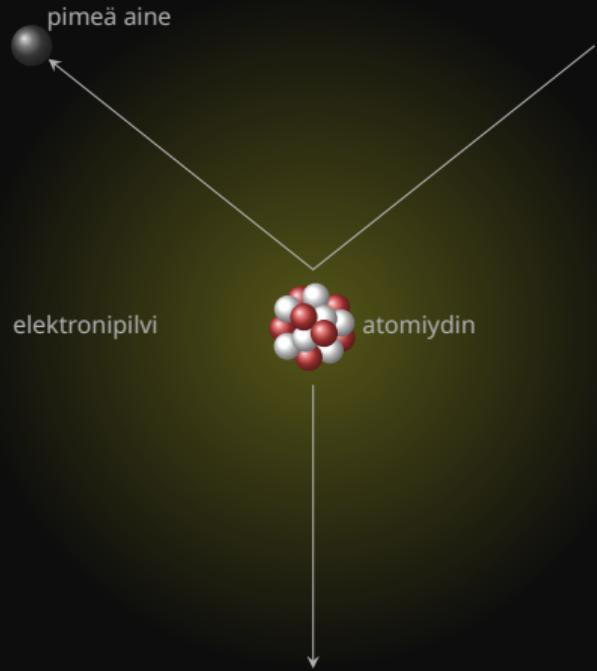
# Pimeän aineen tuuli



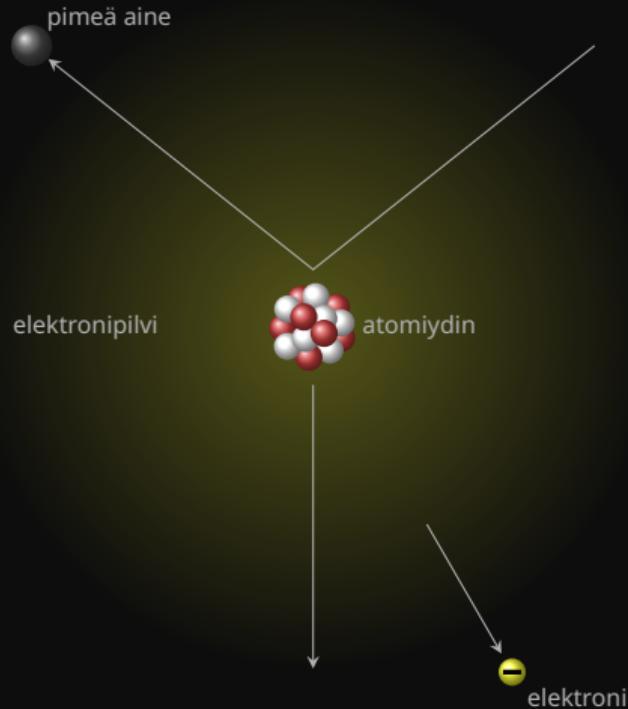
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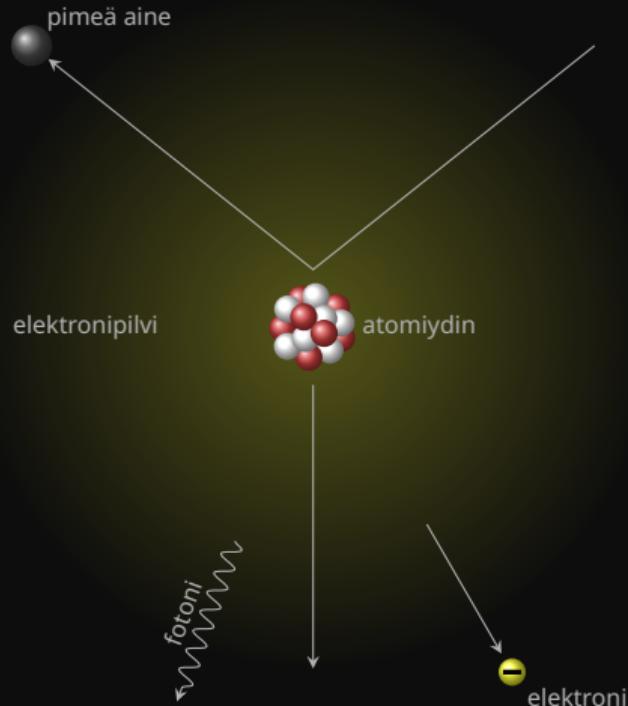
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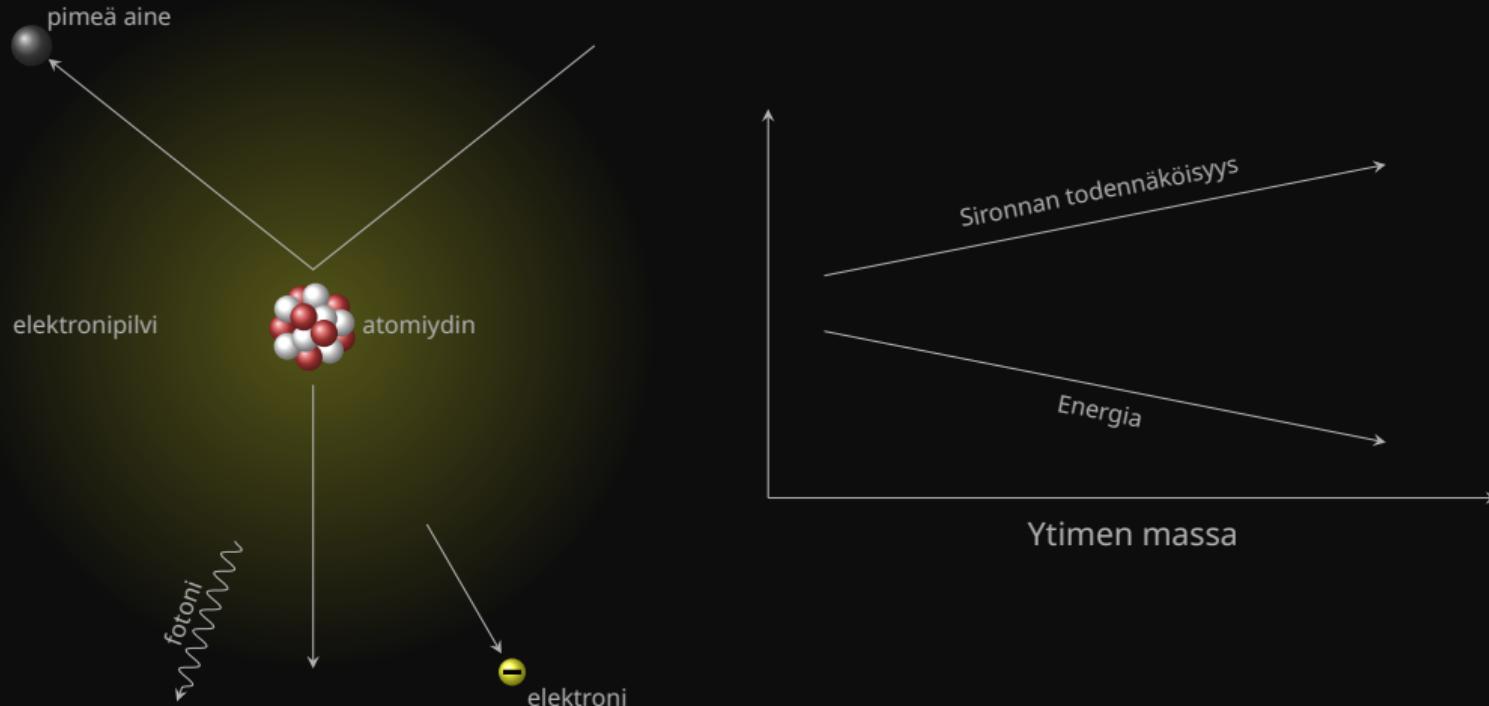
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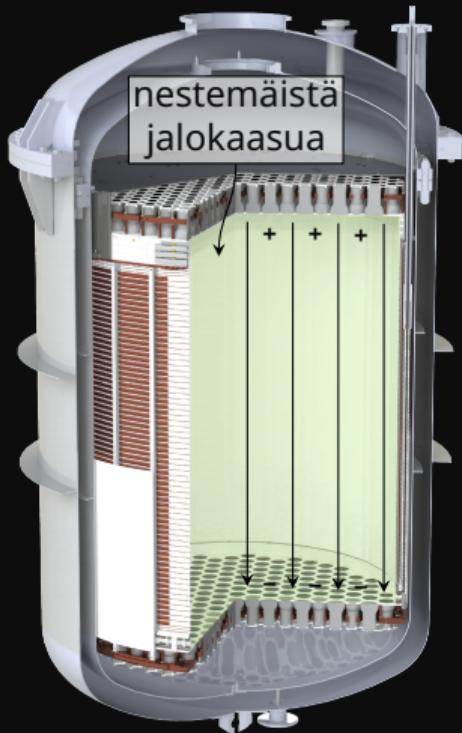
# Pimeän aineen sironta



# Pimeän aineen sironta

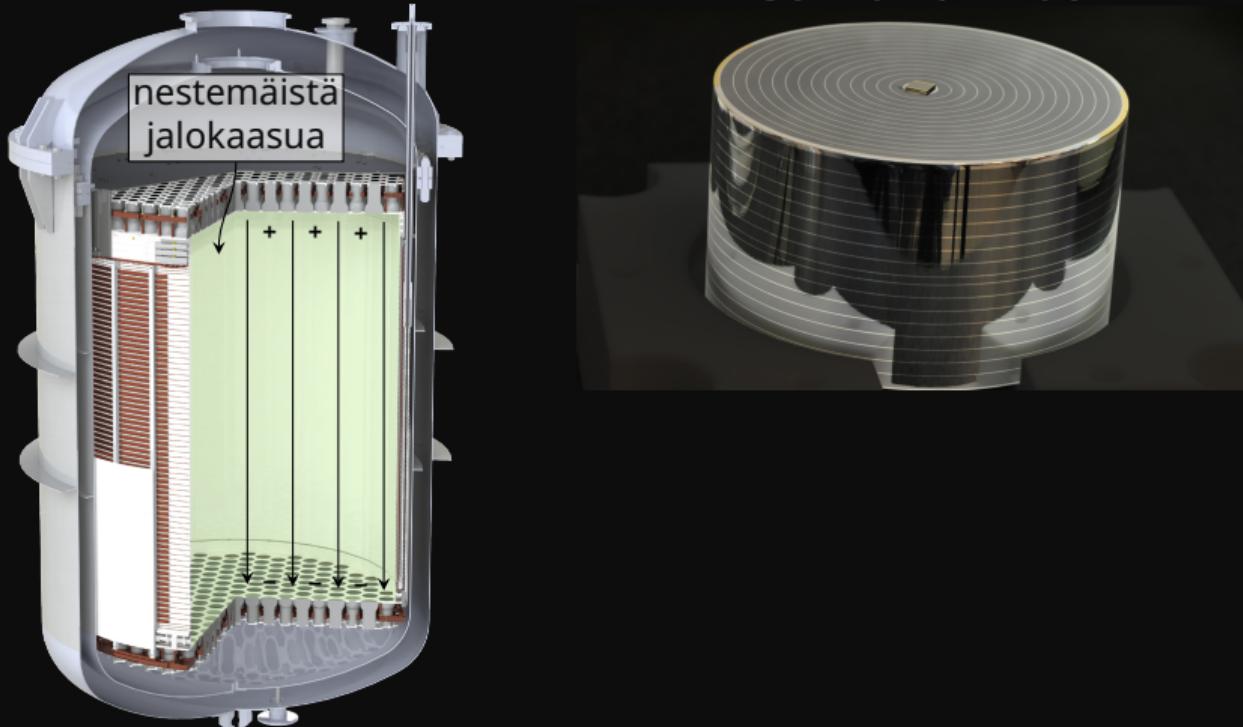


# Pimeän aineen havaitseminen



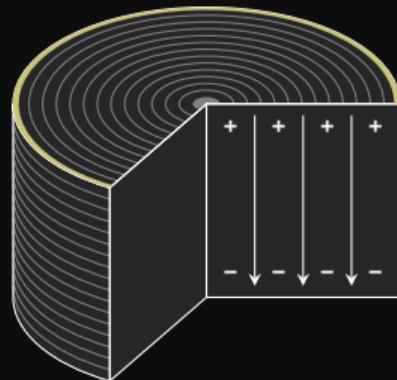
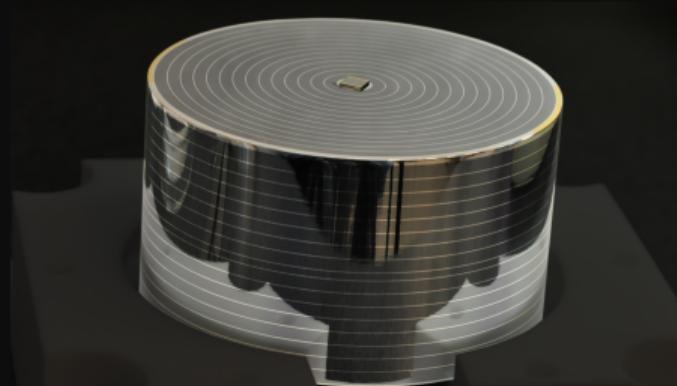
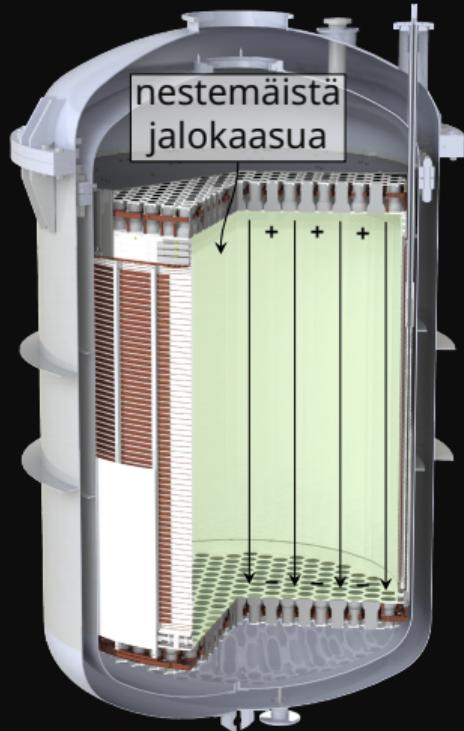
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Germaniumkide

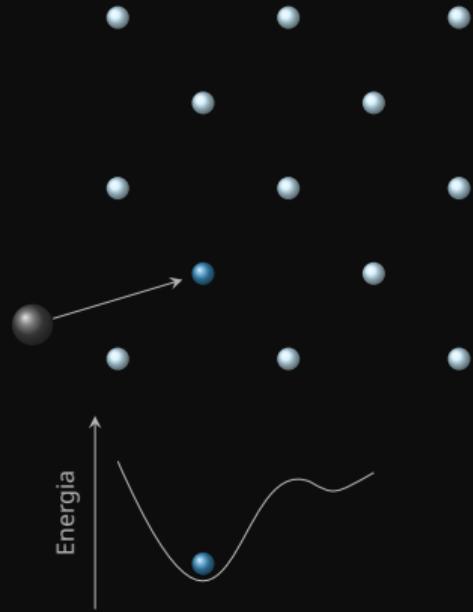


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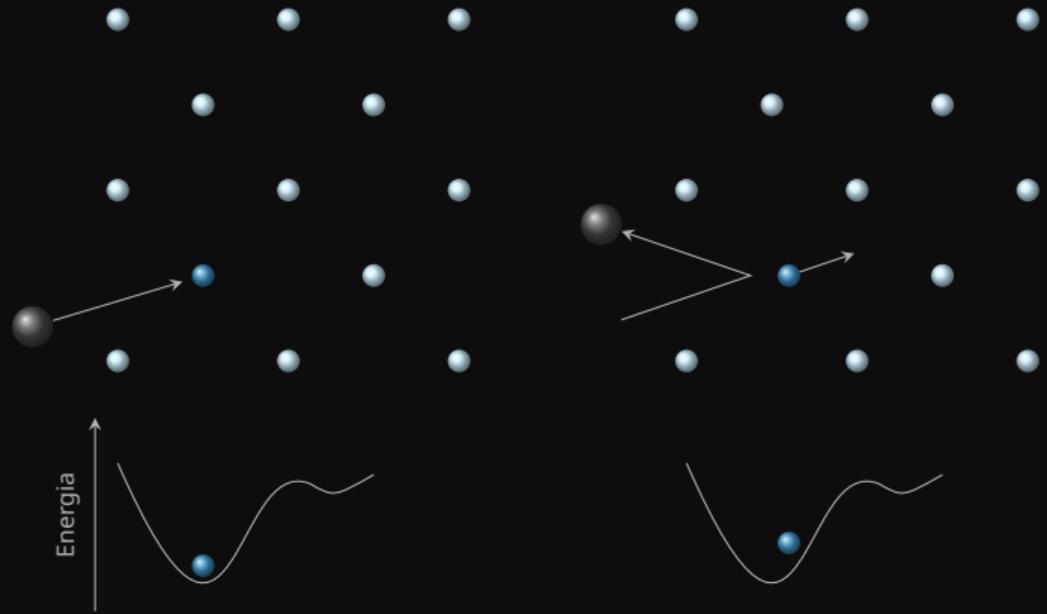
Germaniumkide



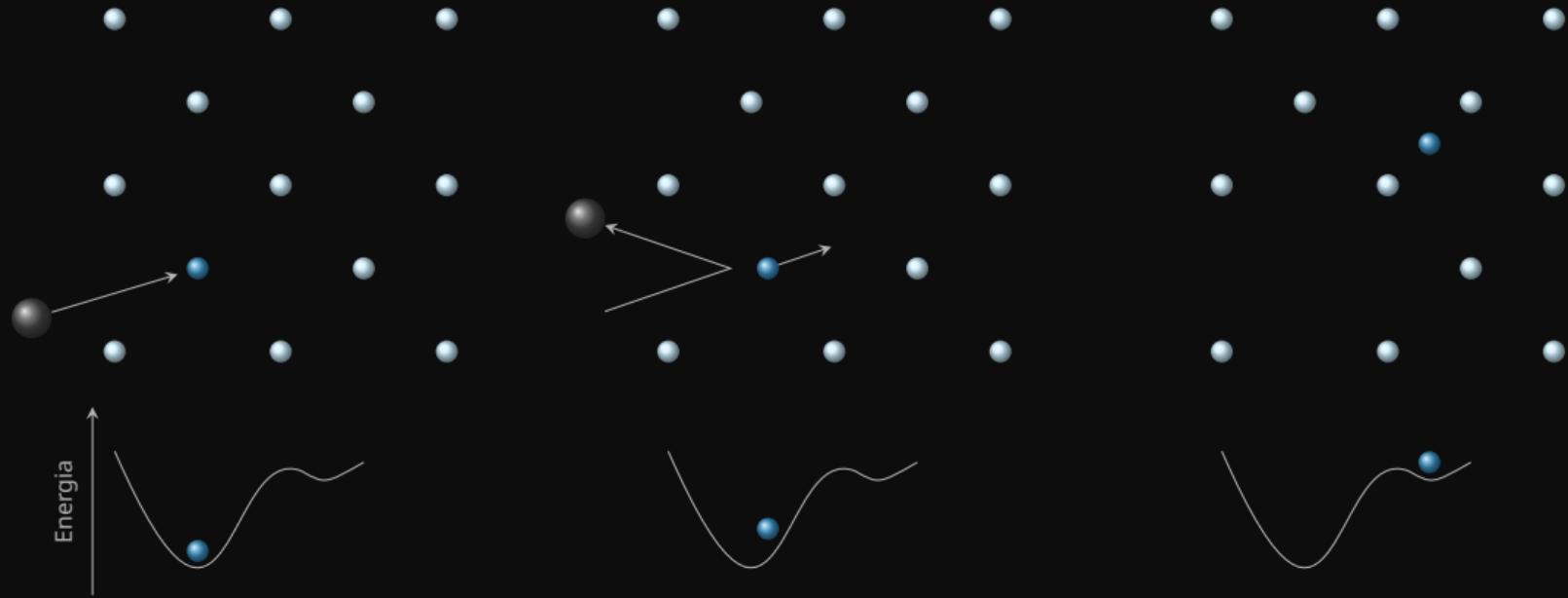
# Kidevirheet



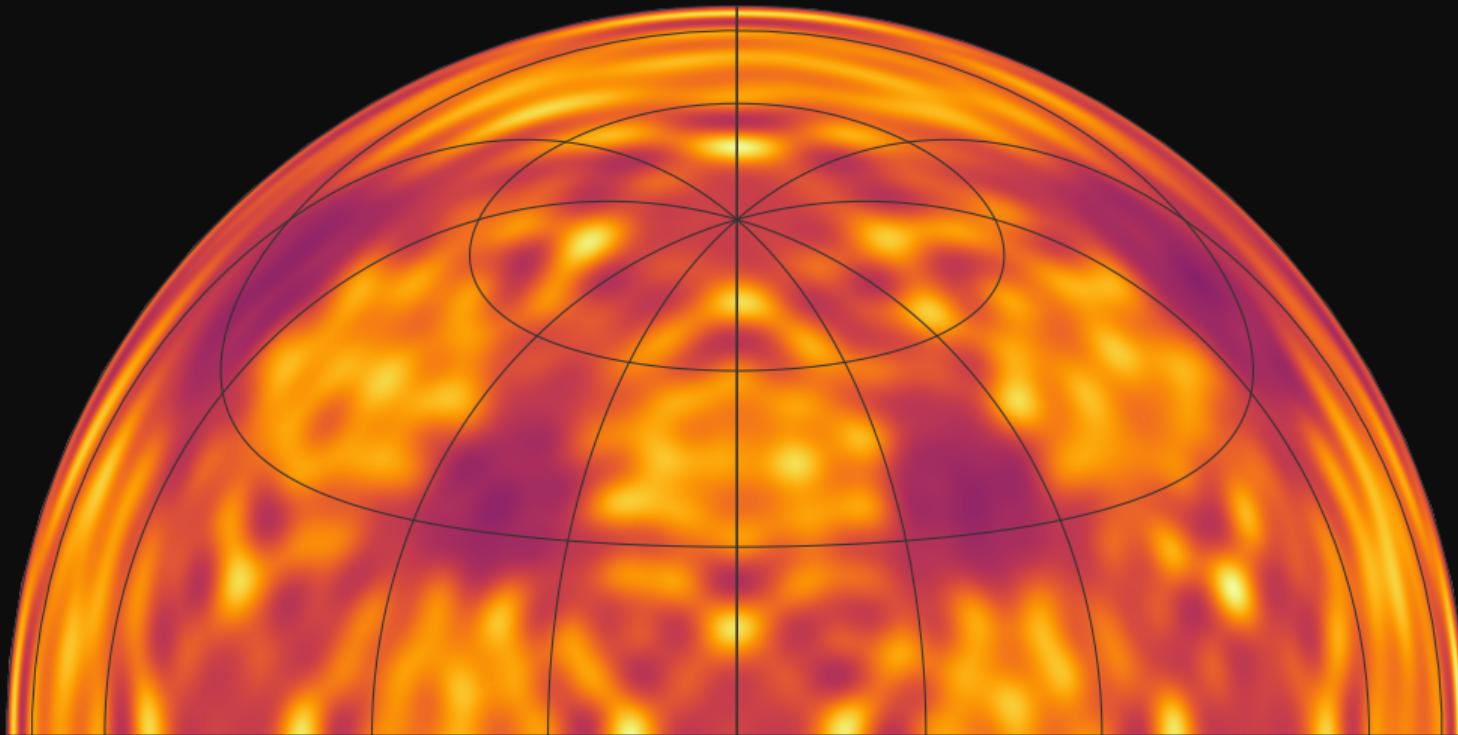
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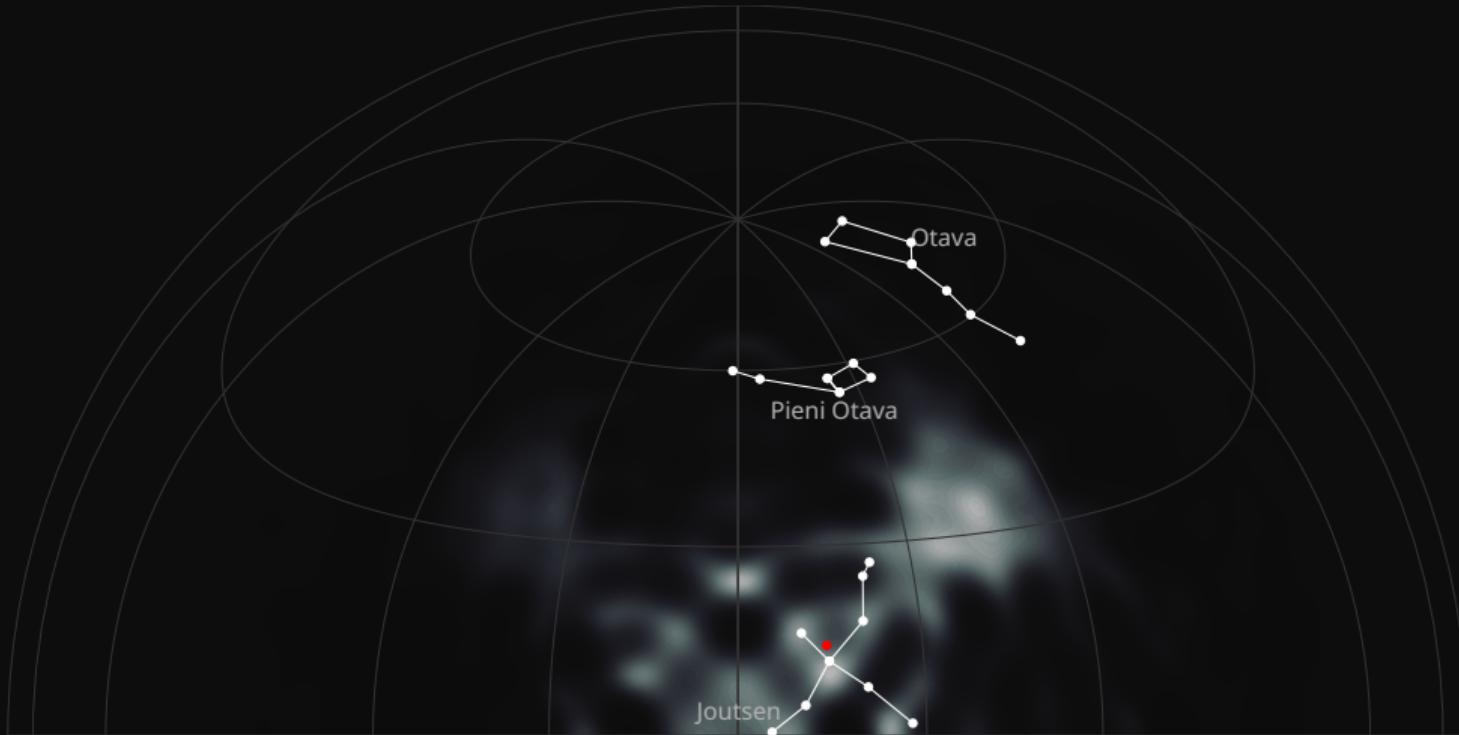
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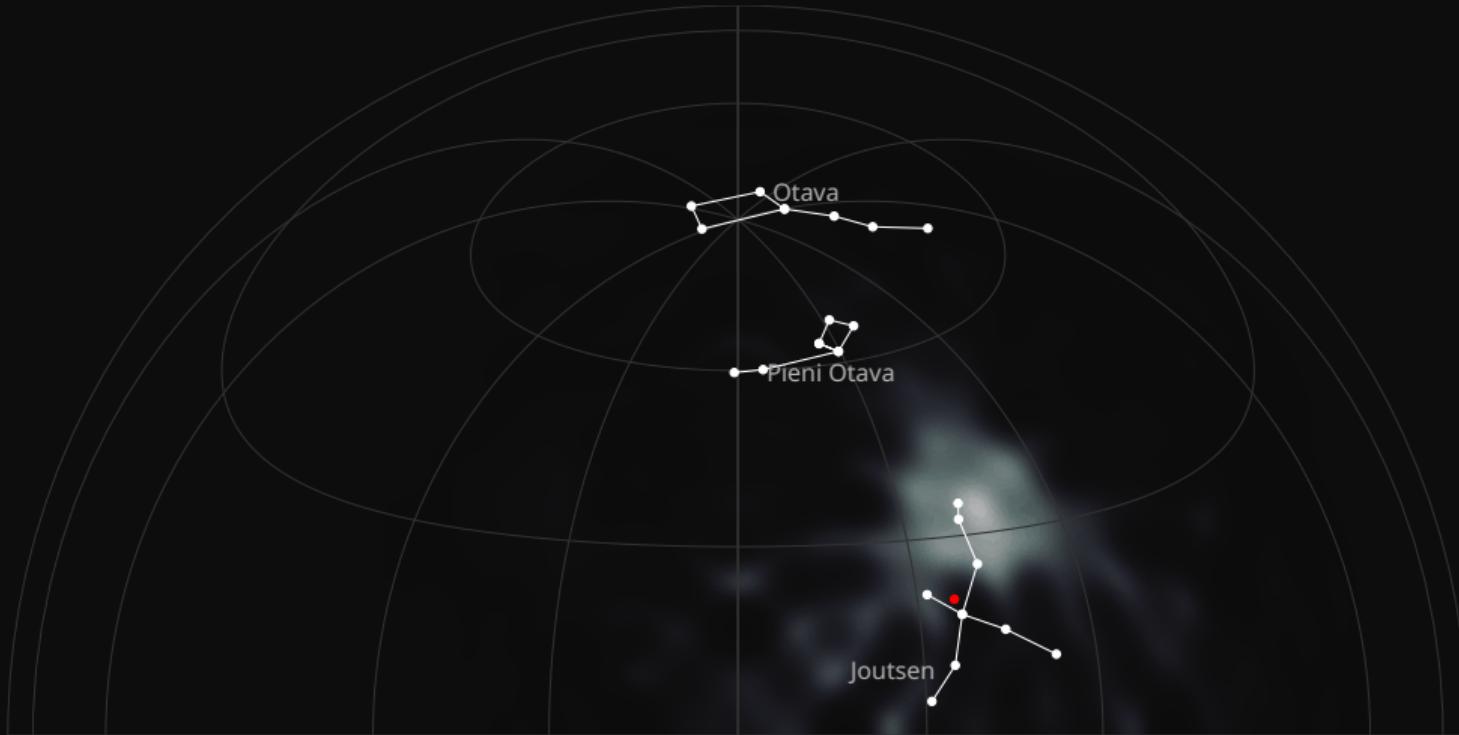
# Virhe-energian suuntariippuvuus



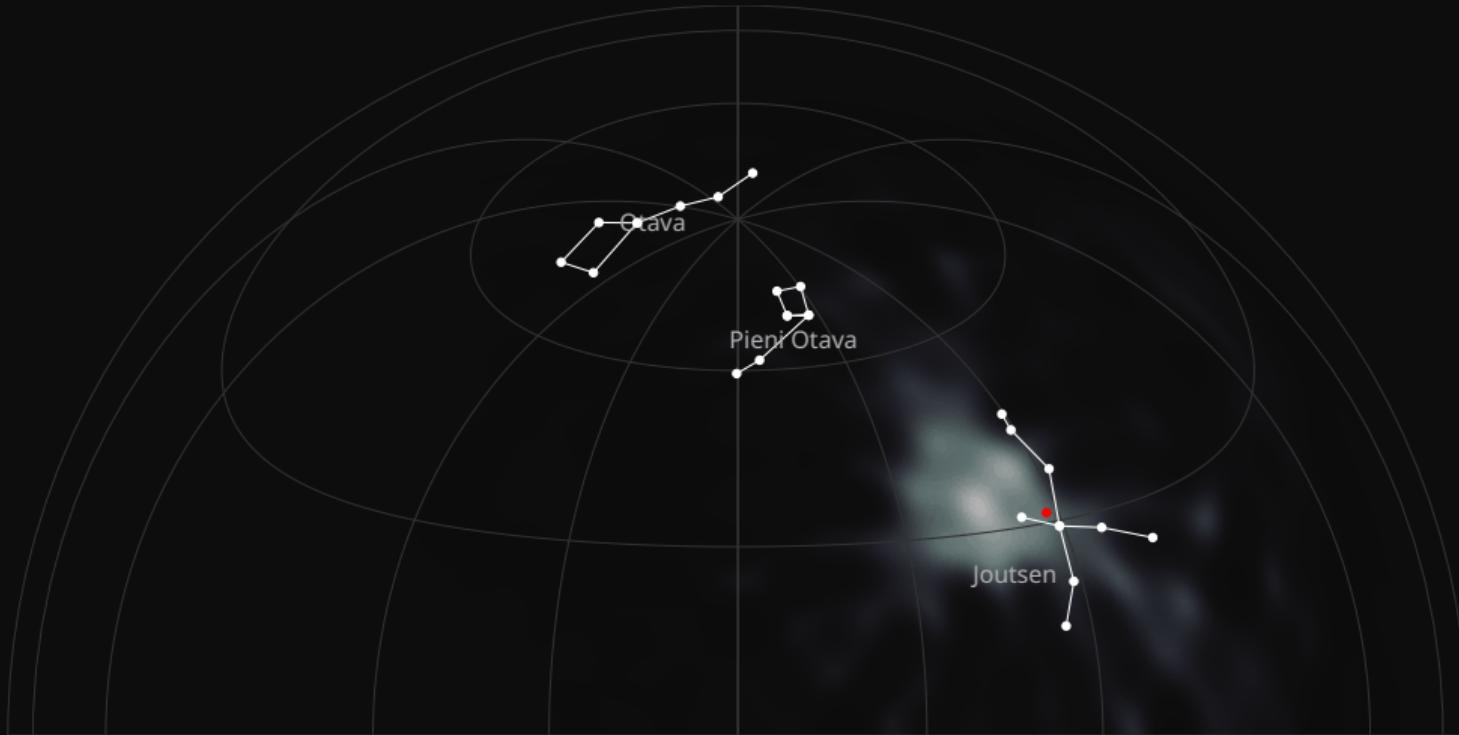
# Pimeän aineen tuuli kiteessä



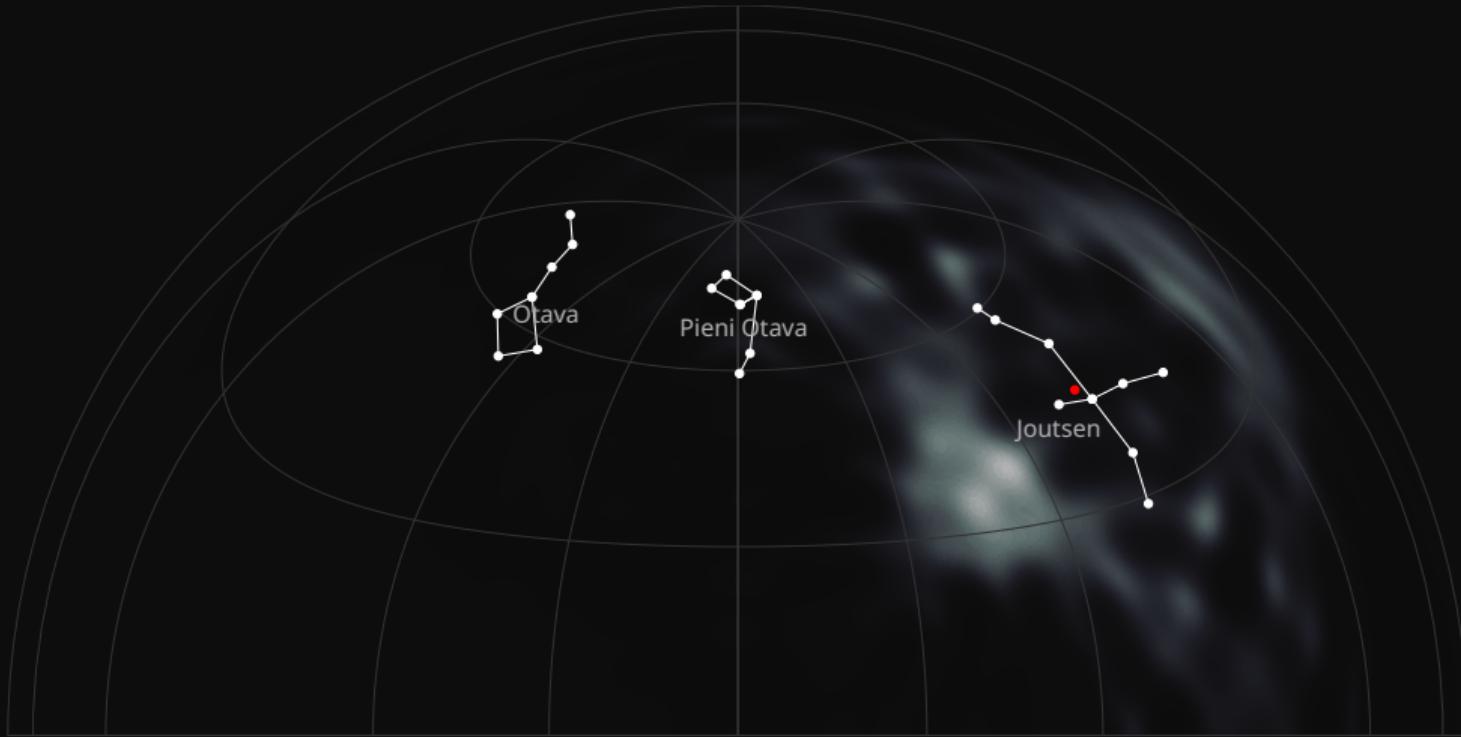
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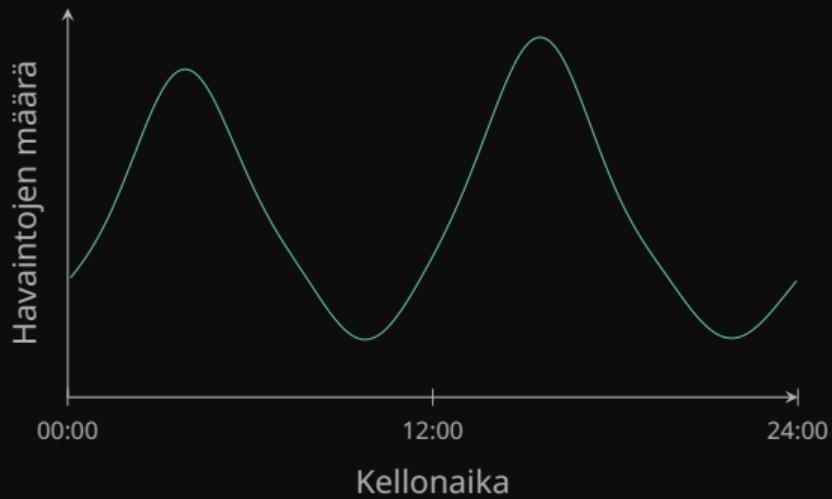
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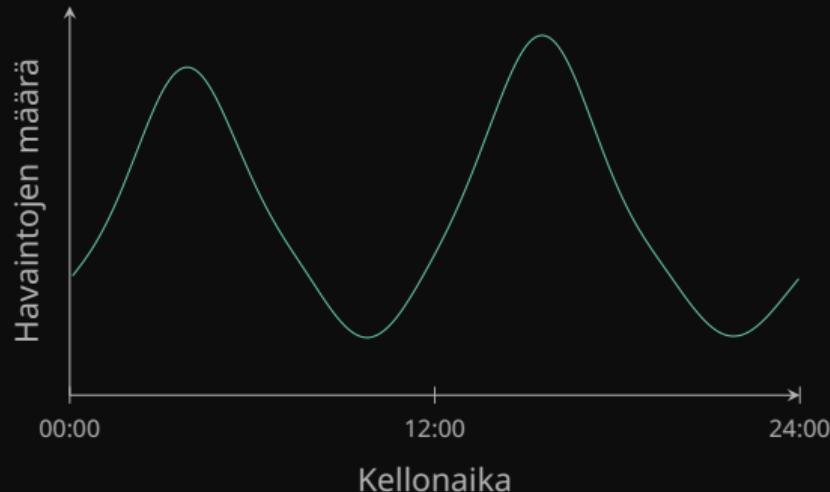
# Pimeän aineen tuuli kiteessä



# Päivittäinen vaihtelu



# Päivittäinen vaihtelu



Avainkysymyksiä:

Mitä päivittäinen vaihtelu kertoo pimän aineen vuorovaikutuksista/jakaumasta?

Auttaako päivittäinen vaihtelu pimeän aineen löytämisessä?