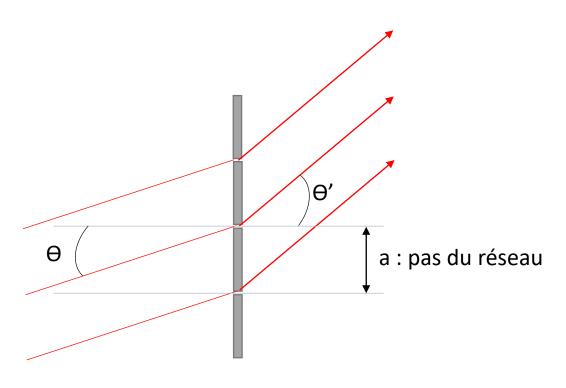
Spectroscopies

Niveau: L2

Prérequis : - Spectre électromagnétique

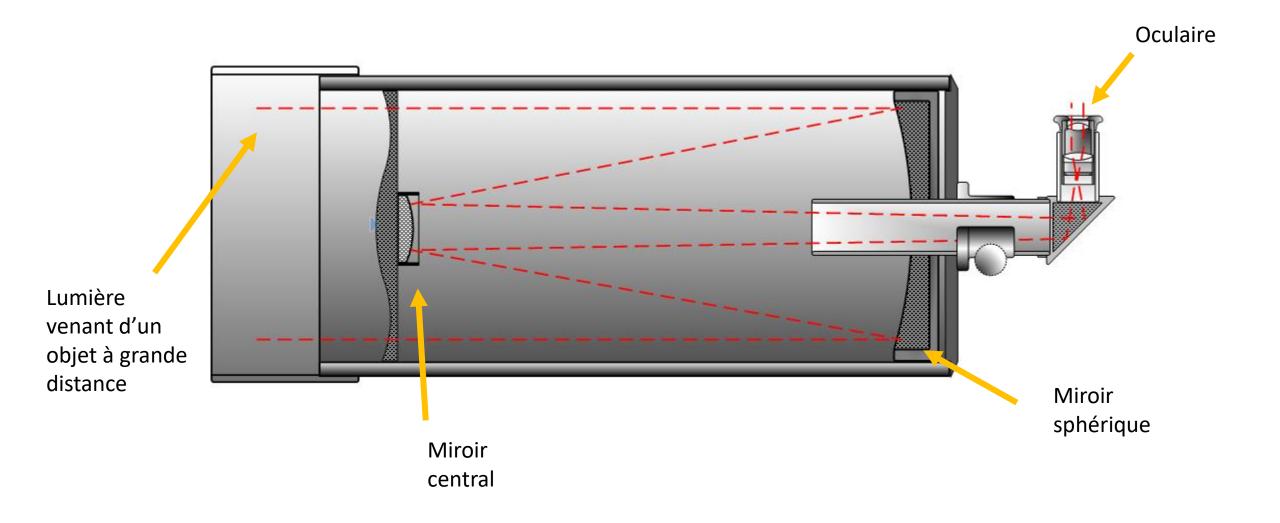
- Réseaux de diffraction
- Rayonnement du corps noir
- Spectres de raies (émission et absorption)
- Effet Doppler

Réseau

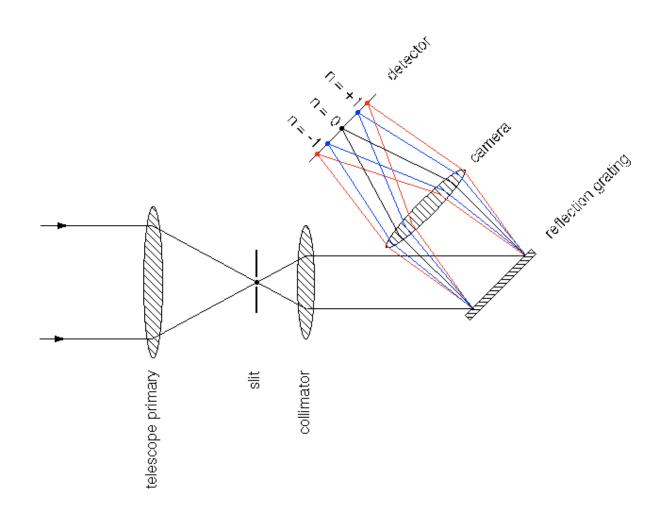


N fentes, N >>1

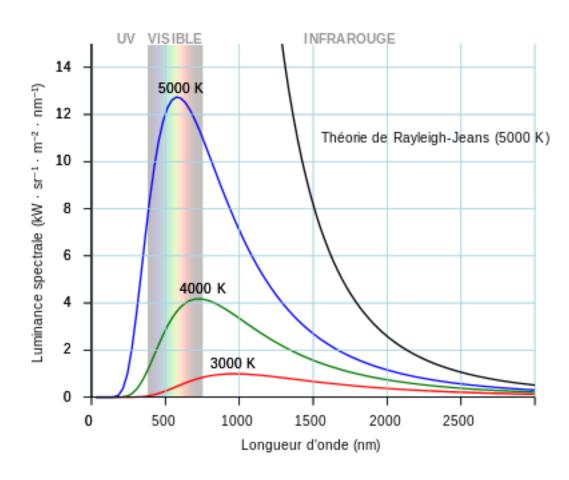
Télescope Schmidt-Cassegrain



Réseau dans le télescope

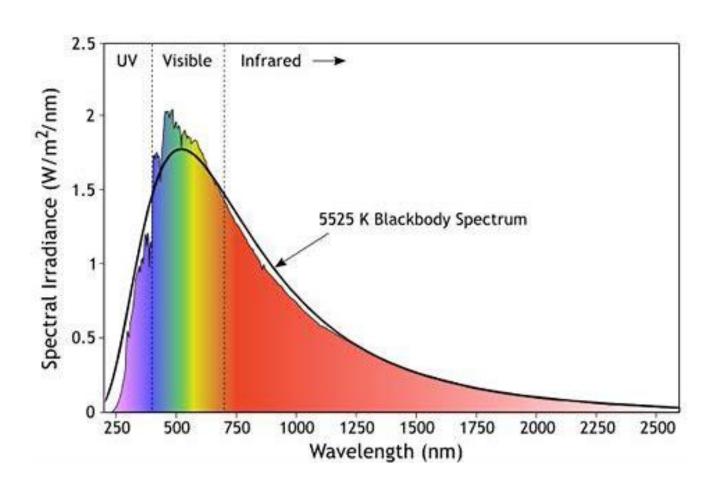


Rayonnement du corps noir

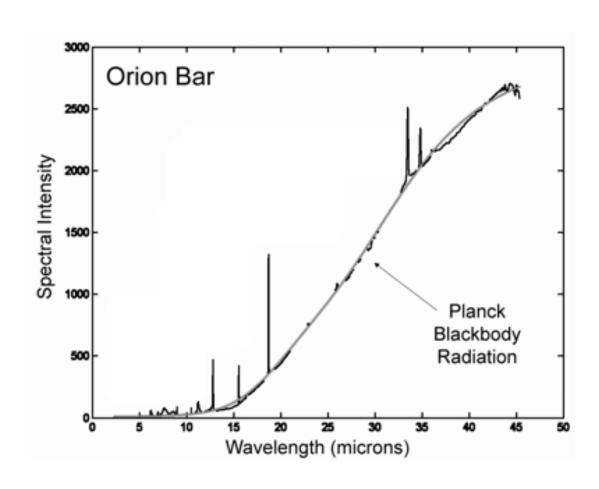


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u,T)=rac{2h
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u}{kT}}-1}$$

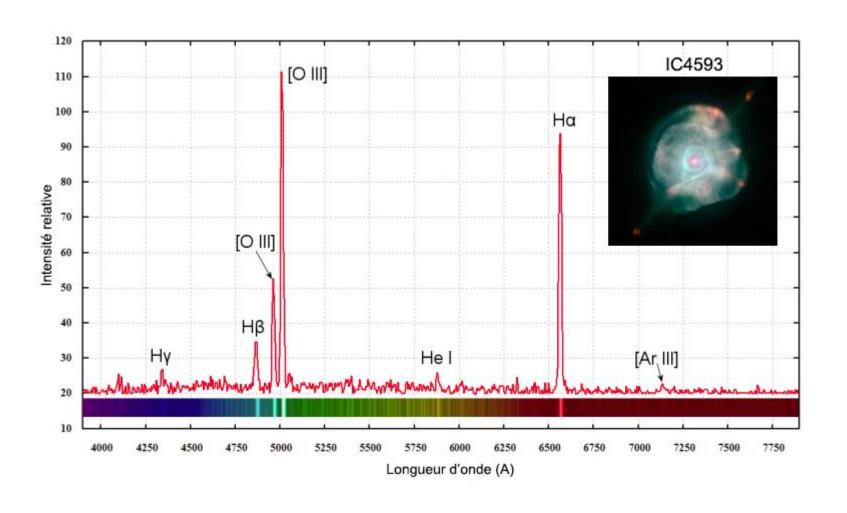
Spectre du Soleil



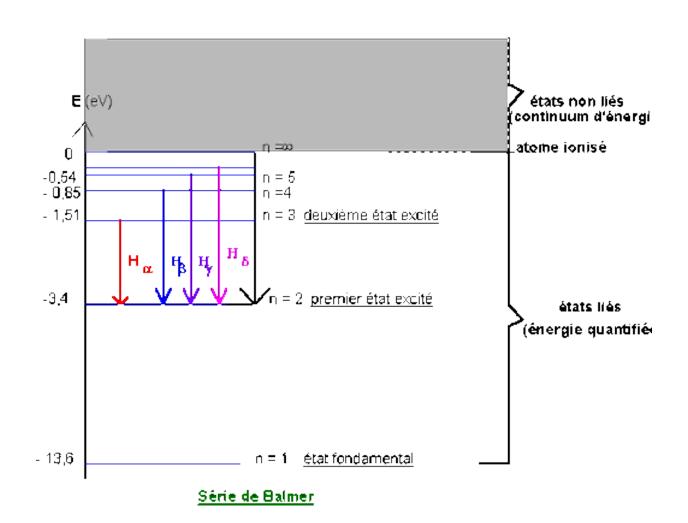
Spectre d'Orion



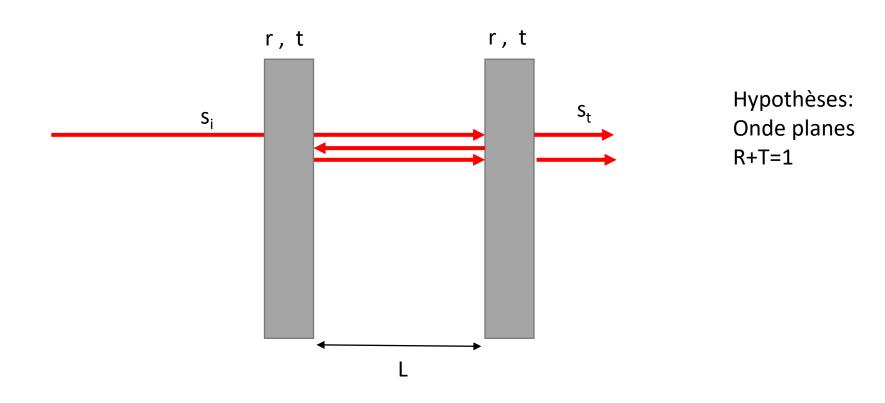
IC 4593, une nébuleuse planétaire dans la constellation d'Hercule.



Série de Balmer



Interféromètre de Fabry-Pérot



Fabry-Pérot

