(3)  $\lambda = 5000 \, \text{f}$   $h = 2 \, k \rightarrow \infty$   $\lambda^{+} = \frac{f}{k} \frac{f}{\frac{1}{h^{2}} - \frac{1}{k^{2}}} = \frac{h^{2}}{k} = \frac{4}{k} \approx 3645 \, \text{f}$   $\lambda \neq \lambda^{+}$ , net, we decrees downs wowers amount beginning.

Vacuum horizon paramete americapens, m.h.  $\lambda^{+}$  ha spanning  $\Omega$  a beginning energy.

D-cnewp > Teff \$250000 K (gell 09)

l oenobnere uzugrawm b 'IP-quanozone.

Ubr nougewer ha Heluce zamencennya eyenny

neuneposypor, m. h. IP syren novemyanozones

ameno egoepes.

D'inentper ropereux D, b zbezz wzbezz b kelacca cxoncer c repromensamente, m. in. b 31 annewcopepe meex zbezz ocnobusem uemernename nemogra-rusemen raza elecemene ne newimpanemous bojopez wan y zbezz weacca f.K. M., by a omperyamentanous bojopez. On nomougaem o omperyamente boex green boren normu ogeneanto. I bom y zbezz meacca f. K.M. cumo ounum o ounumaemene om magasterioù, m. a eeme ounumaemene om magasterioù, m. a eeme barr mepobenni charok na 1 = 3646 f.

$$\frac{\Delta \lambda}{\lambda} = \frac{2}{C} \implies$$

$$= 7 \quad \mathcal{V} = \frac{\Delta \lambda C}{\lambda} = \frac{0.7}{4227} \cdot 3.40^5 \text{ wul/e} \approx$$

$$\approx 49.7 \quad \text{wul/e}$$

The cune cherefelle , no V = -49, twele (na nac) Dmbem: -49, they

$$\int_{W_{3}} = \frac{f}{R} \cdot \frac{1}{1/2^{2} - 1/5^{2}} = 4334 / R$$

$$5 \to 2$$

$$\Delta \lambda = 40 R$$

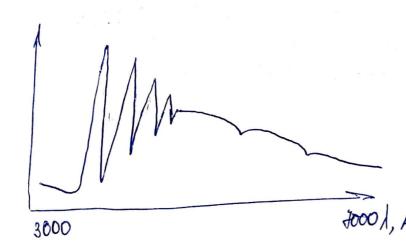
$$\delta = 30 R$$

$$1 = 6$$

$$\Delta \lambda = \frac{6}{2} = \frac{\sqrt{65}}{c} \lambda$$

$$\sqrt{65} = \frac{60}{2\lambda} = \frac{3.10^{5} \cdot 30.10^{-10}}{2.4334.10^{-10}} \approx 1038 \text{ mu/e}$$

Ombem: Veo ≈ 1038 mu/c



Umbem: W= ≈ 4.6 Å