

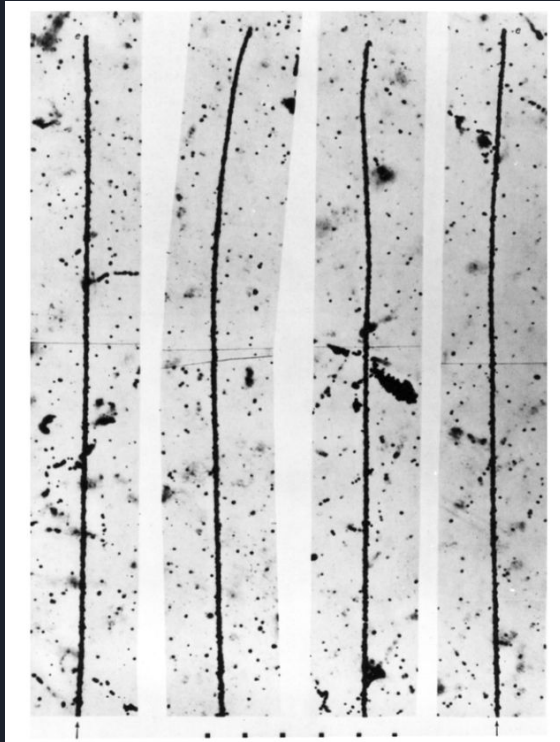


Física das Radiações

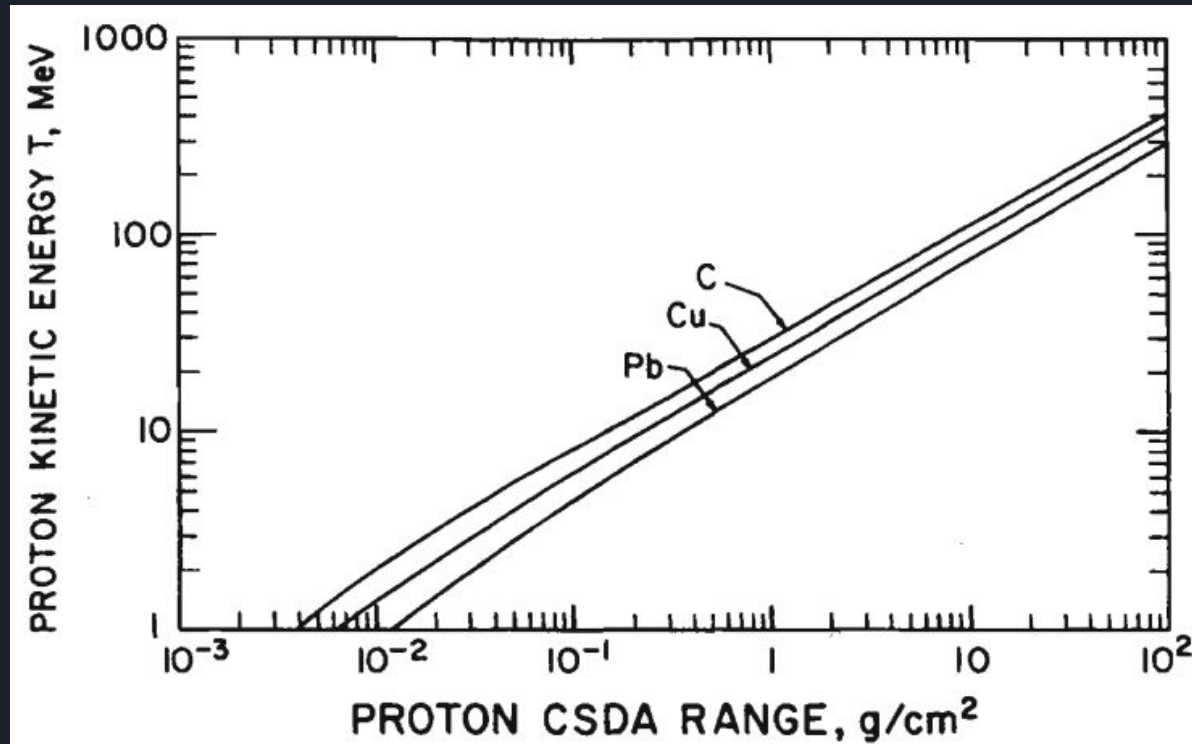
Stopping Power Restrito
e
Cálculo de Dose

Monitor: José Renato Alcarás
Docente: Alexandre Souto Martinez

Trajetória: Prótons versus Elétrons (e pósitrons)



Alcance CSDA: Prótons

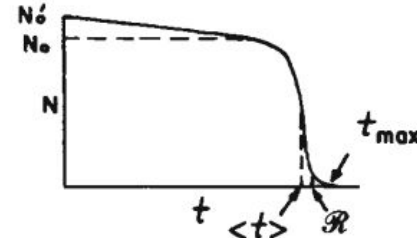


Alcances

(a) HEAVY PARTICLES, NO NUCLEAR INTERACTIONS.

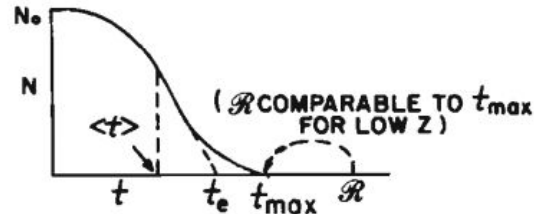


(b) HEAVY PARTICLES UNDERGOING NUCLEAR INTERACTIONS.



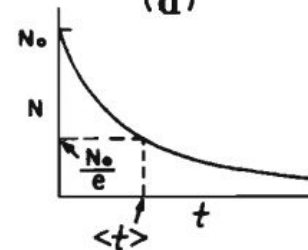
ELECTRONS

(c)

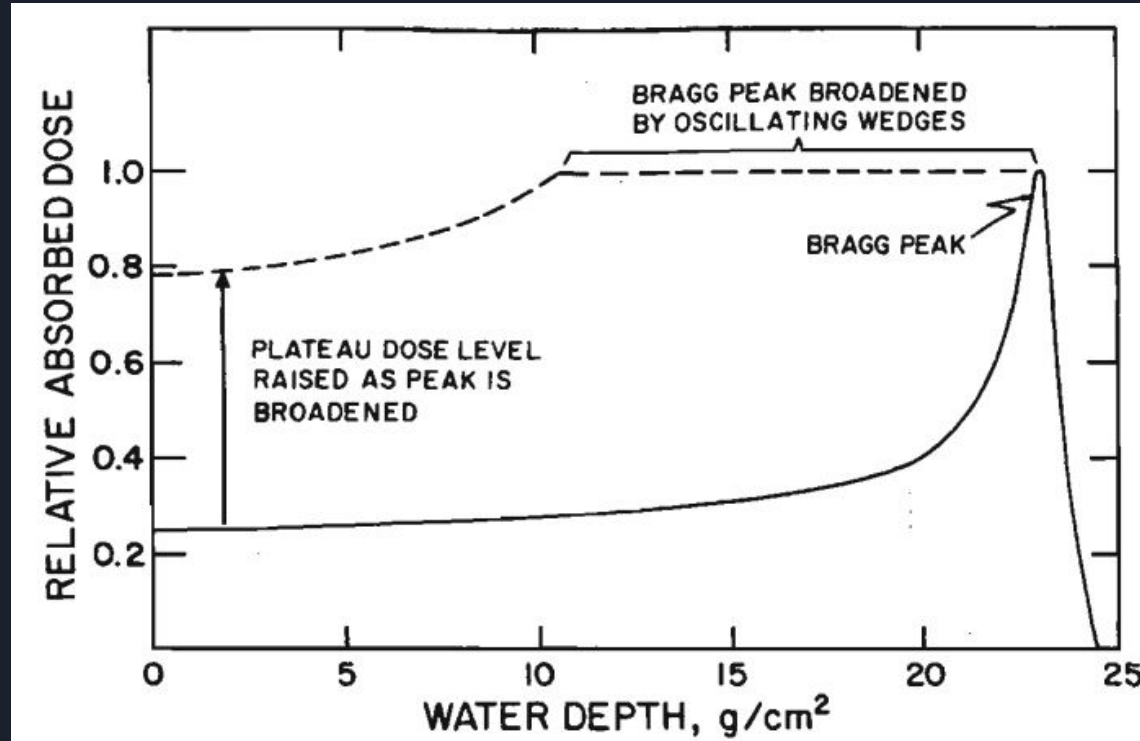


MONOENERGETIC PHOTONS
(EXPONENTIAL)

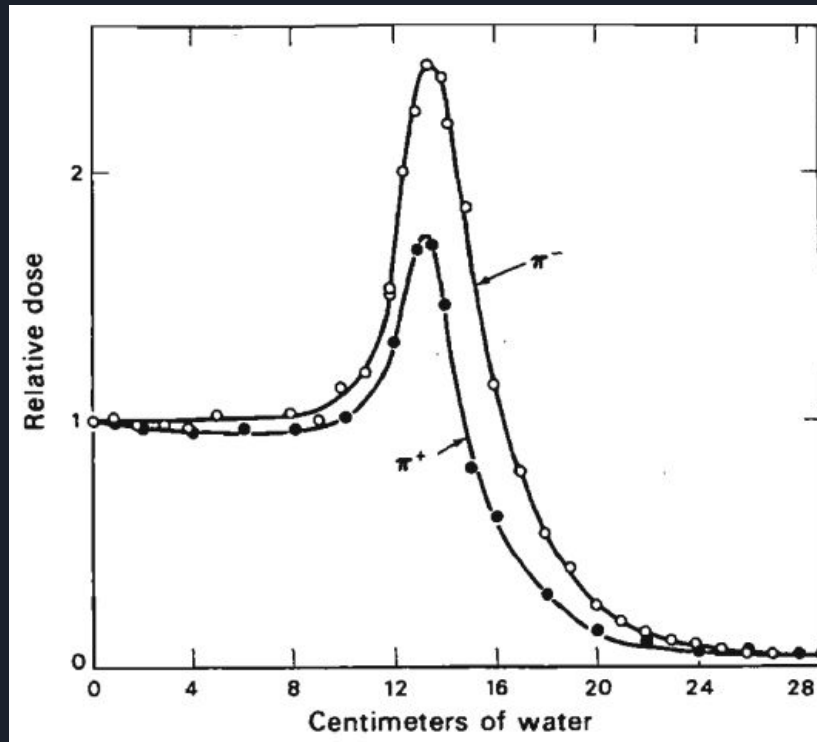
(d)



Depósito de dose por profundidade: partículas pesadas



Depósito de dose por profundidade: píons energéticos



Depósito de dose por profundidade: elétrons

