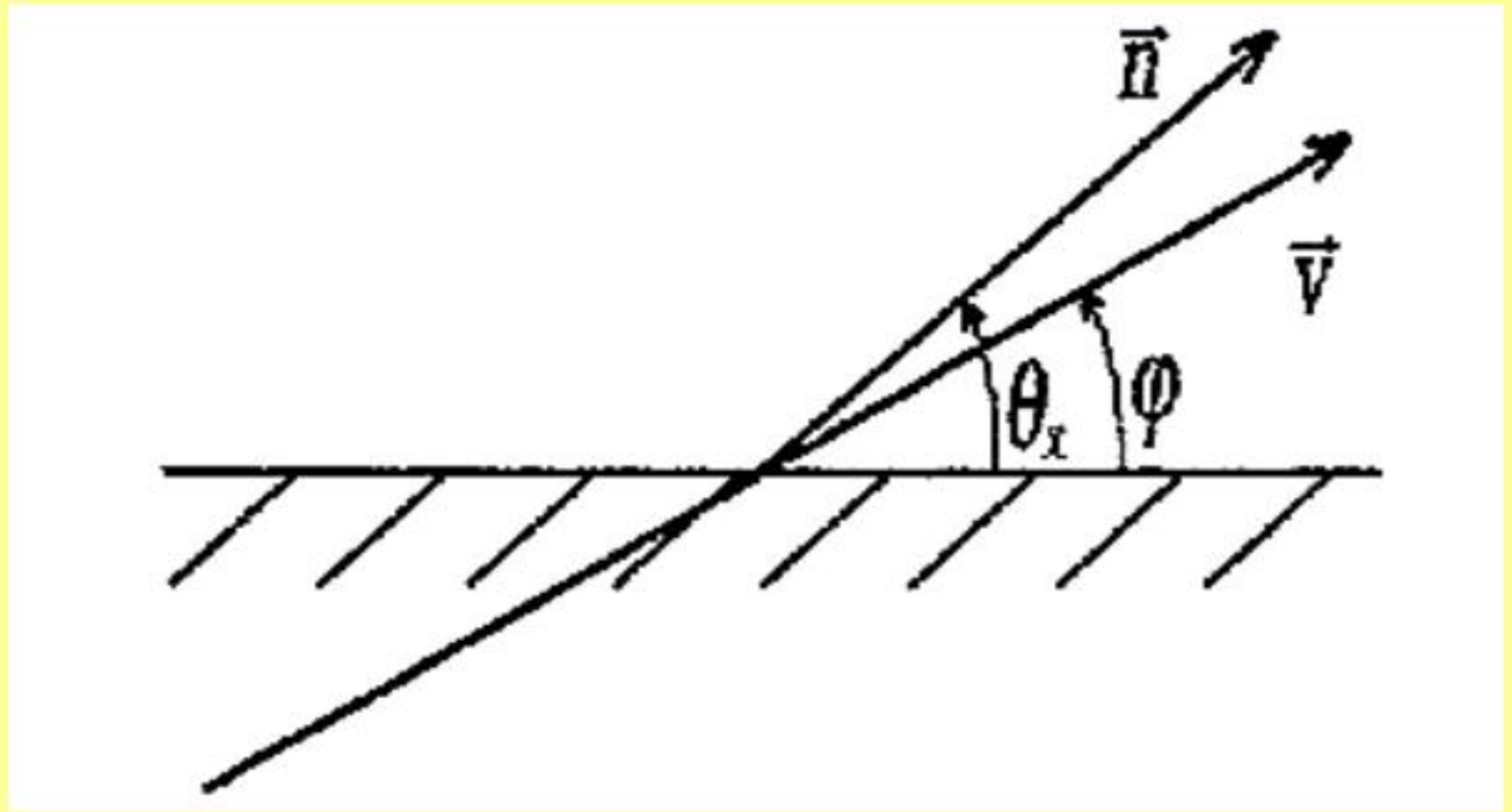


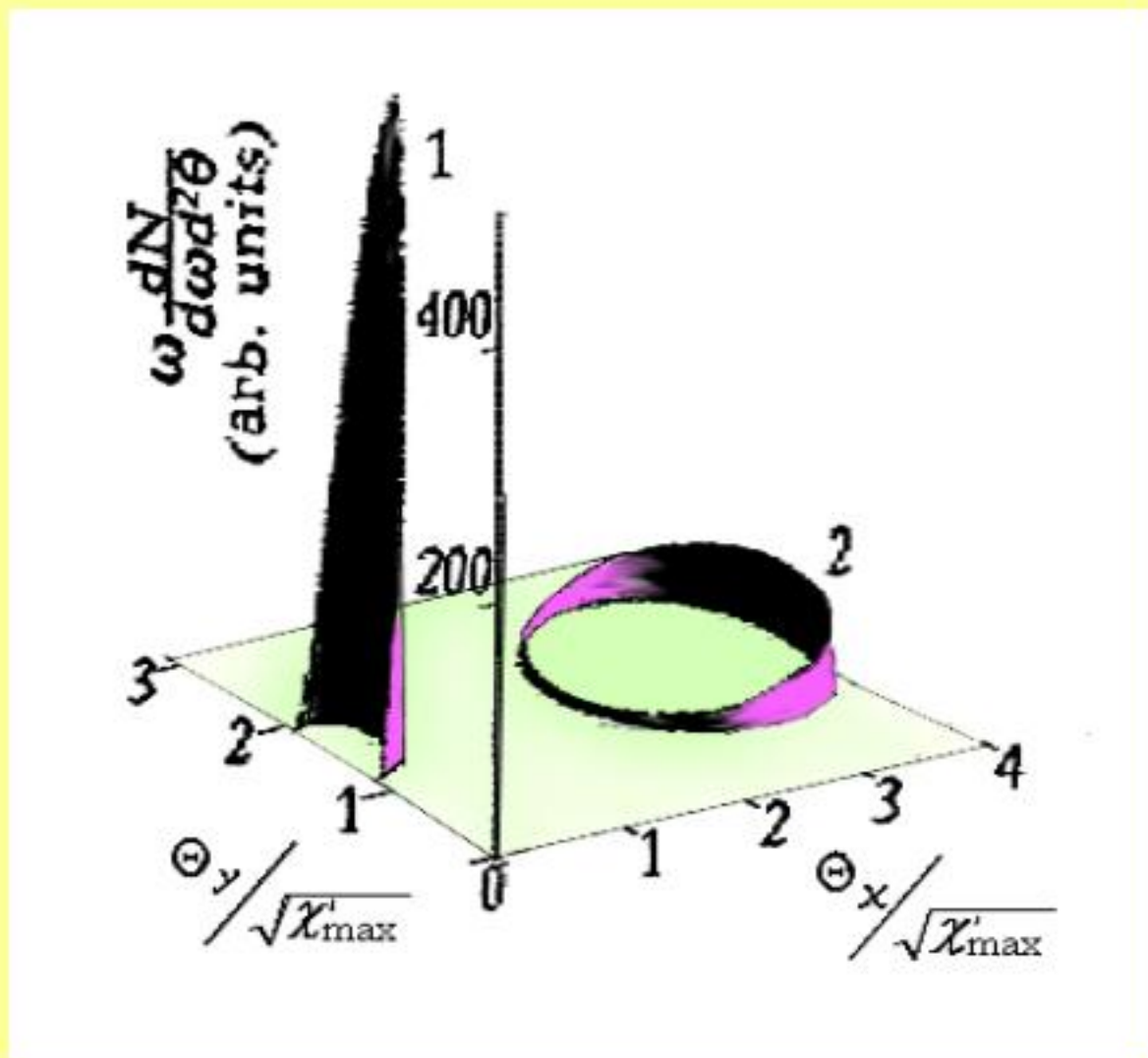
**Cherenkov X-rays under  
condition of grazing incidence  
of emitting electrons at the  
target**

*G.Gary, V.Kaplin, A.Kubankin,  
N.Nasonov, M.Piestrup, S.Uglov*

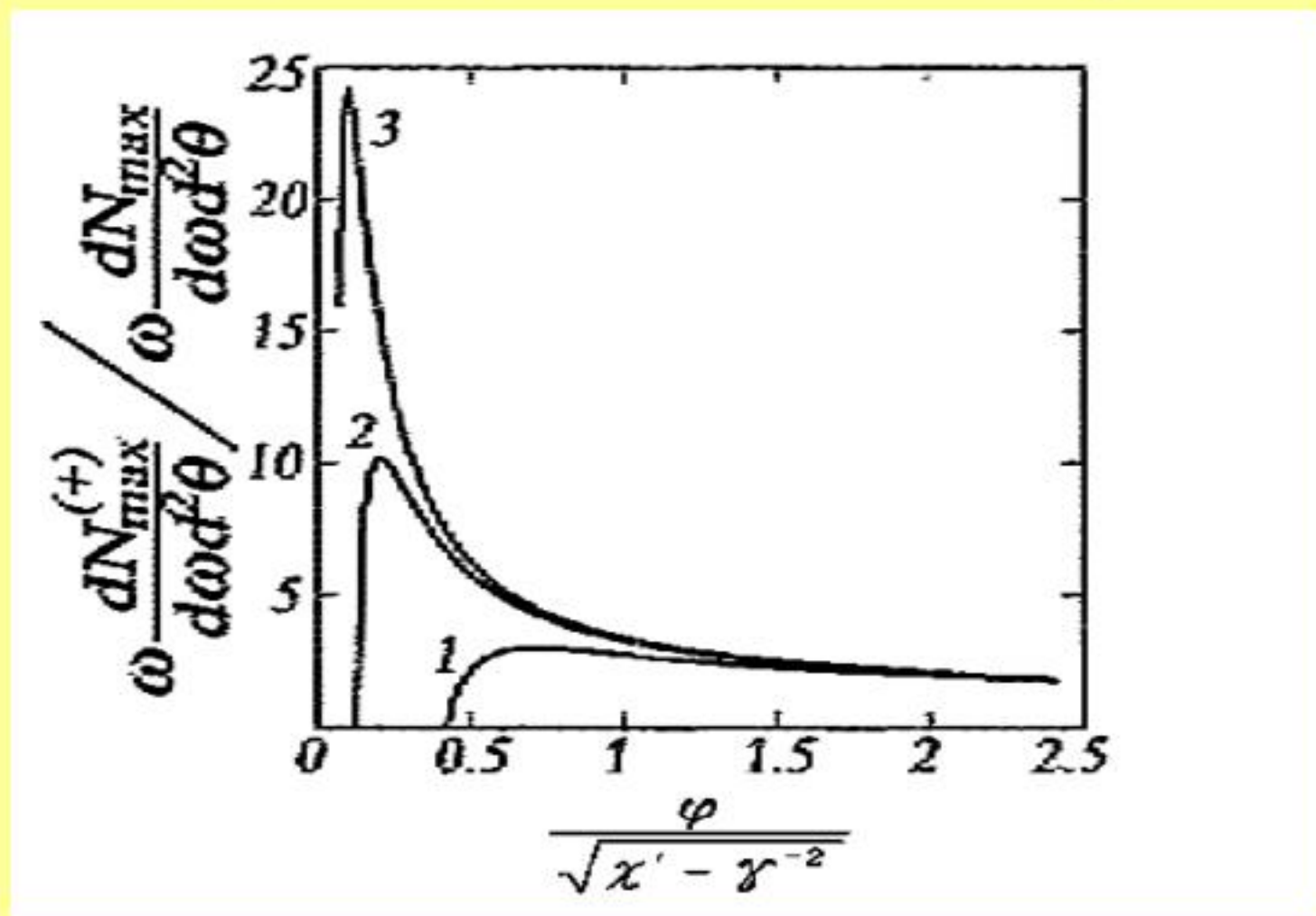
# Geometry of an emission process



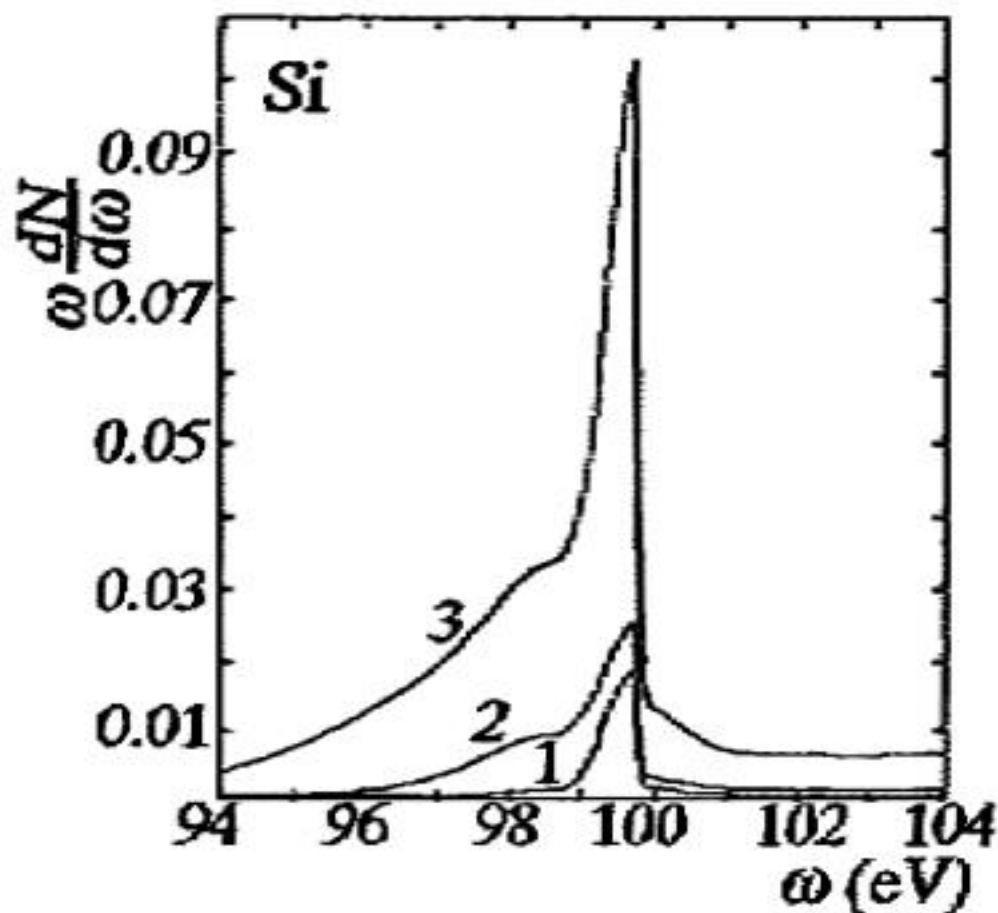
# The structure of Cherenkov cone



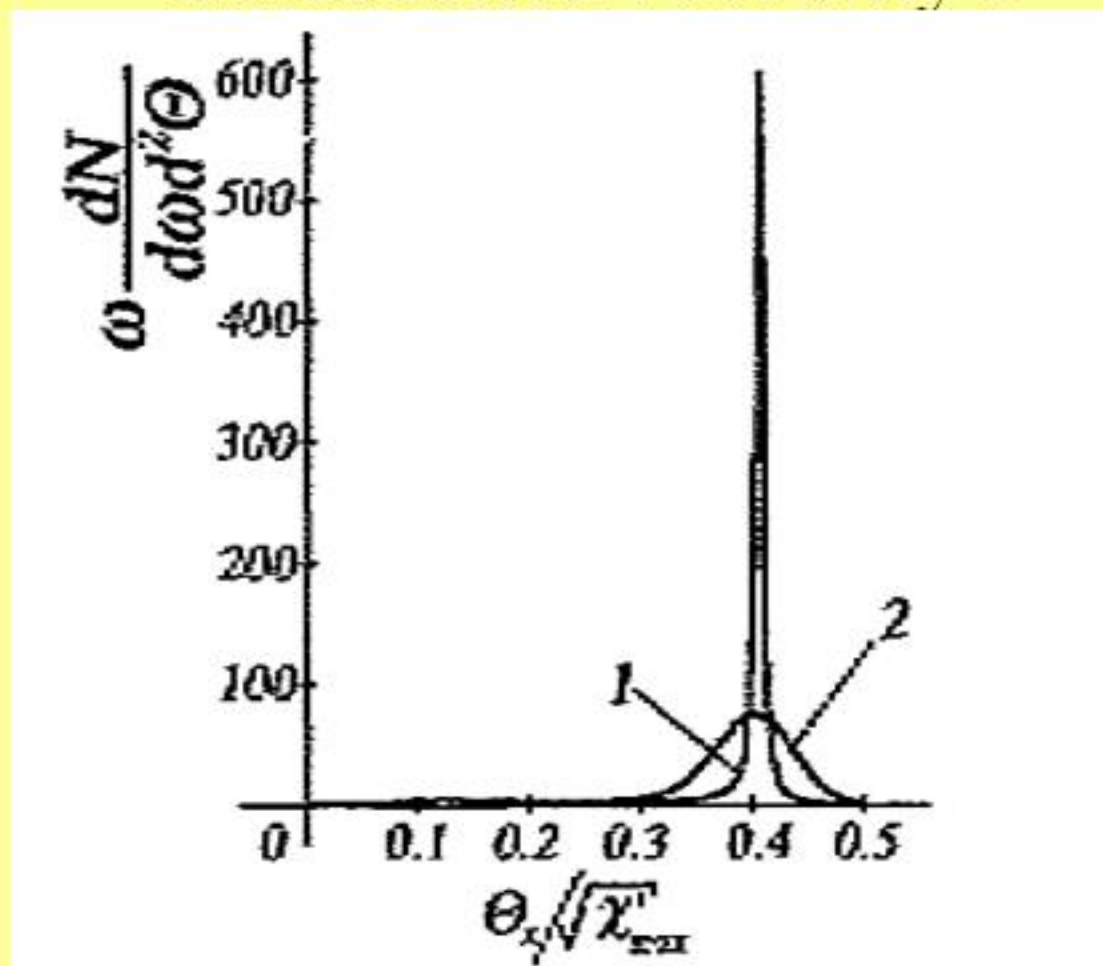
# The brightness of Cherenkov source versus the orientation angle



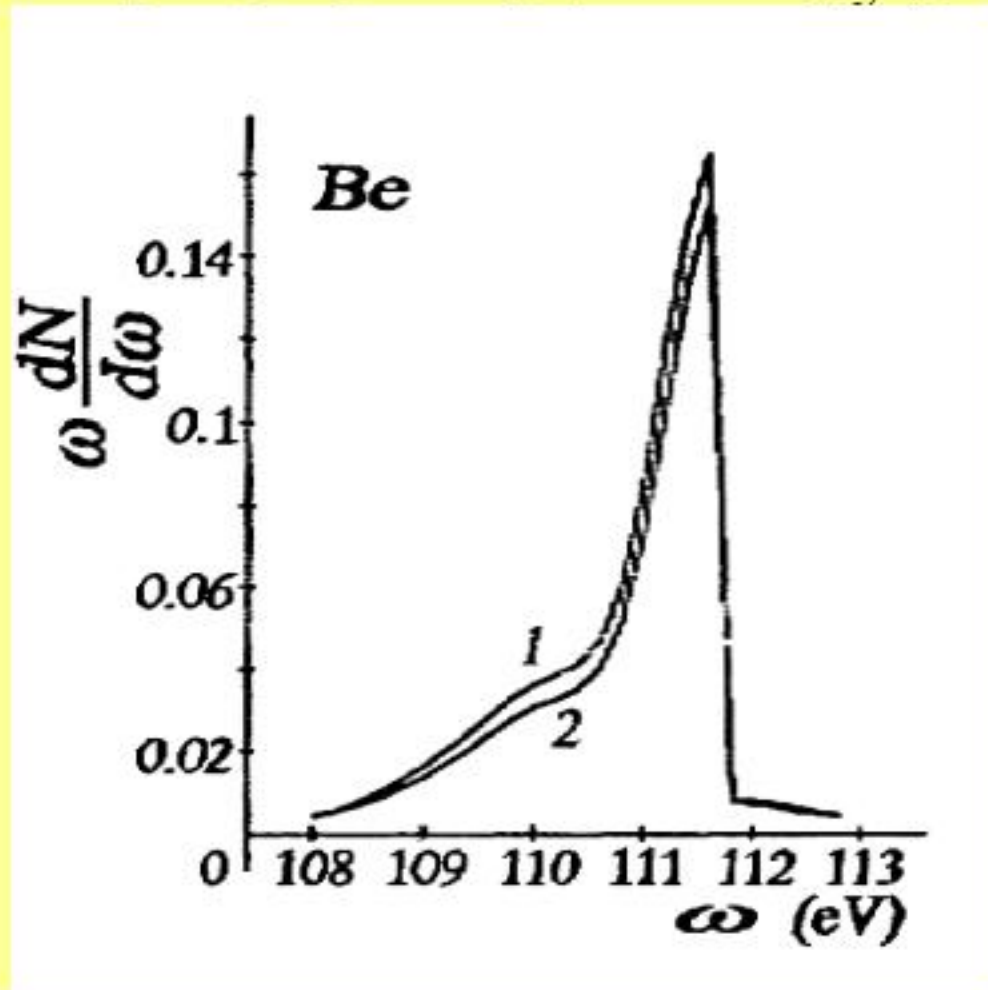
# The spectrum of Cherenkov X-rays versus the orientation angle



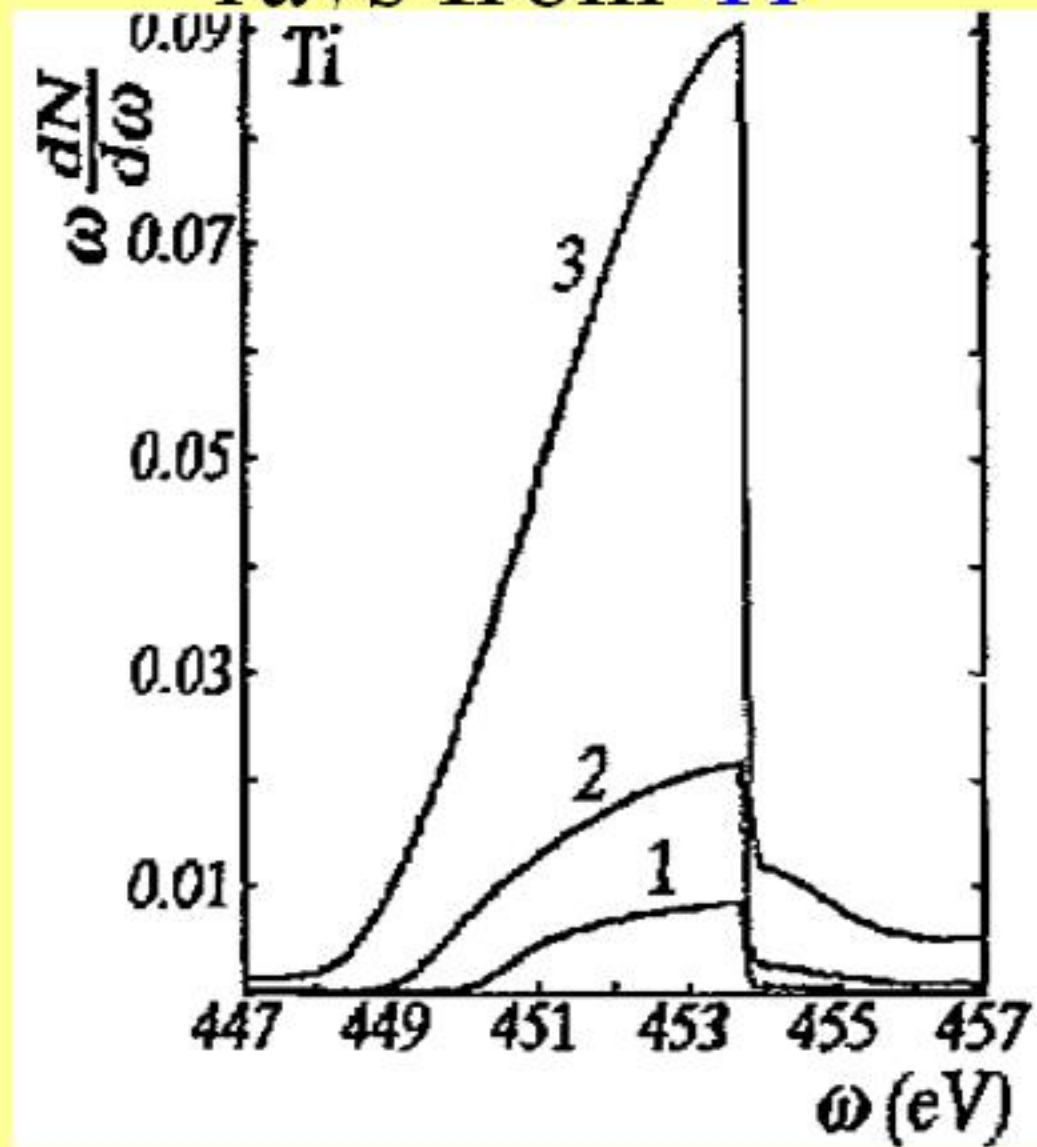
# An influence of multiple scattering on the spectral-angular distribution of Cherenkov X-rays



# An influence of multiple scattering on the spectrum of weakly collimated Cherenkov X-rays



# The spectrum of Cherenkov X-rays from Ti





# The spectrum of Cherenkov X-rays from Fe

