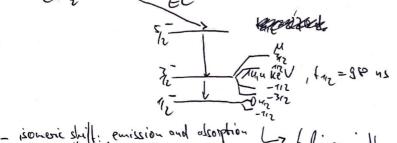
K 221 - MORRAMER- effect A Casic of resonance alsorption - natural linewidth - DOPPLER broadening: LORENTZ-profile convoluted with franklin = 6-ALWIAN DOPPER-width >> natural width MODBAUER affect: recoilless resonance absorption; for free atoms -> line chape shifted by read D - DELYE- WALLER - fector / = exp(- h2 (x2)) becreases with increasing Ex decreases with Temperature La gives "Indulity" of Moblano effect happening o Application of the Mosteruce effect -> determination of 3 the Apperfine Ghittings * Decay scheme of 570 - Stort time to d



- isomeric shift: emission and alsoption Ly 6 lines in the spectrum energy differ shiftly due to HFS -> resonance chip at L+D