

RADIATIVE RECOMBINATION
IN IRRADIATED ZINC DIPHOSPHIDE

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S u m m a r y

Low-temperature (4.2 - 300 K) luminescence of red diphosphide zinc crystals α -ZnP₂, irradiated by 14 MeV electrons, 35 MeV protons, and gamma-rays of Co⁶⁰ are investigated. It is established that radiationless levels, which decrease the crystal fluorescence intensity, respond to complexes of point defects.