

MAGNETIC FIELD DEPENDENCE OF SPECIFIC HEAT PEAKS
IN NEUTRON IRRADIATED POLYCRYSTALLINE GRAPHITE

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The specific heat of a sample of neutron irradiated polycrystalline graphite was investigated using a dilution refrigerator at the NASA Lewis Center in Cleveland in a magnetic field. Whereas the presence of magnetic field raises the

higher temperature peak at 0.74°K , it lowers the peak at 0.285°K . The meaning of this result will be discussed in relation to other information concerning the origin of these peaks.