

DECONFINEMENT PHASE TRANSITION
IN RELATIVISTIC NUCLEUS-NUCLEUS
COLLISIONS

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S u m m a r y

We discuss the energy dependence of hadron production in relativistic nucleus-nucleus collisions. Several ‘anomalies’ in the energy dependence have been predicted as signals of the deconfinement phase transition and three these signals are observed at the CERN SPS indicating that the onset of deconfinement in Pb+Pb collisions is located at about 30 A·GeV. For the first time, we seem to have clear evidence for the existence of a deconfined state of matter in nature.