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Bulletin Subject Heading
in which Paper should be placed:
Hadron-Induced High Energy
-Inclusive Reactions

Inclusive Vector Meson Production in Dimuon
Final States at FNAL.*† K. J. ANDERSON, J. G. BRANSON,
G. G. HENRY, K. T. MC DONALD, J. E. PILCHER, E. I.
ROSENBERG, G. H. SANDERS, A. J. S. SMITH, and J. J.
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In a study of inclusive dimuon production at FNAL, pro-
duction of vector mesons (ρ , ω , ϕ , and J/ψ^1) has been
observed. To effectively study this mass region, track
information is obtained from MWPC's located between the
production target and a ~ 1 m thick Fe hadron absorber.
We will present analyses of the mass region $M_{\mu\mu} \leq 1.5$
GeV/c². Preliminary cross sections for the ρ - ω , and ϕ
and dependence of these cross sections on x and p_T will
also be presented.

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†Submitted by J. E. PILCHER.

¹K. J. Anderson *et al.*, Phys. Rev. Lett. 36, 237 (1976).

To follow abstract entitled
"Inclusive Dimuon Production at
FNAL," submitted by E. I. ROSENBERG

To precede abstract entitled
"Dependence of Dimuon Production on
Incident Energy, Incident Particle
Type and on Nuclear Target,"
submitted by A. J. S. SMITH.

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