ERRATA

BACKWARD ELASTIC $\pi^+ p$ SCATTERING AT 3.7
AND 7.1 GeV/c. W. Michael, G. S. Abrams,
M. Alston-Garnjost, A. Barbaro-Galtieri, B. Y.
Daugeras, G. Gidal, A. D. Johnson, G. R. Lynch,
F. T. Solmitz, and F. C. Winkelmann [Phys. Rev.
Lett. 35, 193 (1975)].

Because of a mistake in the computer program-
ming for the selection of events, a 2% contamina-
tion of nonelastic events was introduced into the
elastic scattering distributions at 7.1 GeV/c.
This contamination does not extend above approx-
imately $-t = 10$ GeV^2 (or, correspondingly, below
$-u \simeq 3$ GeV^2), but it accounts for most of the
events in the interval $2 < -t < 10$ GeV^2. Thus, the
contamination does not affect the determination
of the effective Regge trajectory, which depends
only on the region $-u < 1$ GeV^2, but it is the con-
tamination which creates the apparent dip near
$-u = 3$ GeV^2. The corrected data, shown in Fig.
1, are not sensitive to such a dip, so that no con-
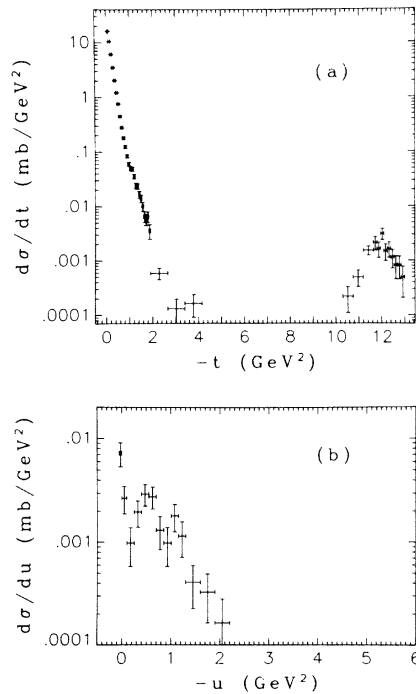clusion regarding its existence can be drawn from
these data.

FIG. 1. The corrected elastic $\pi^+ p$ scattering distri-
bution at 7.1 GeV/c. (a) The distribution with respect
to $-t$, replacing the corresponding part of the original
Fig. 2. (b) The distribution with respect to $-u$, replac-
ing the corresponding part of the original Fig. 3.