

**Elastic Scattering, Pion Production, and Annihilation into Pions  
in Antiproton-Proton Interactions at 5.7 GeV/c.**

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Unfortunately two wrong figures have been inserted in this paper. Hereunder we print the correct figures with their captions:

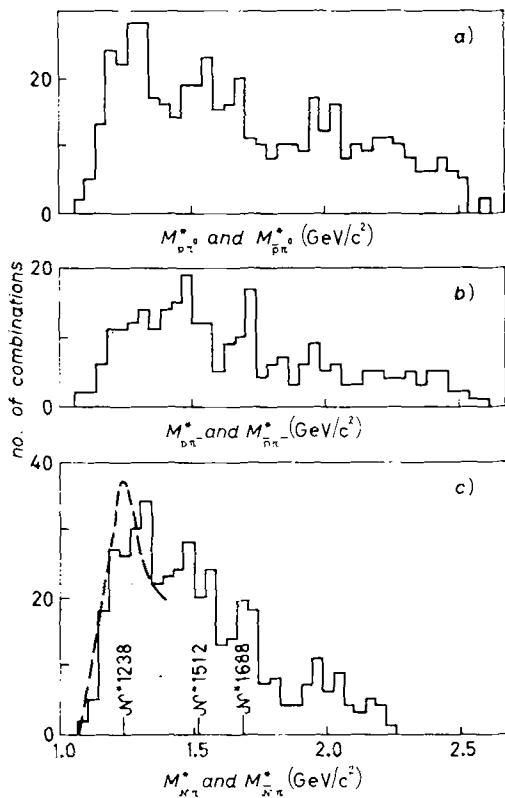


Fig. 2. - Effective-mass distributions for  $(N\pi)$  and  $(\bar{N}\pi)$  systems in single-pion production: a) effective-mass distribution of the systems  $(p\pi^0)$  and  $(\bar{p}\pi^0)$  for 243 events of the type  $\bar{p}p\pi^0$ ; b) effective-mass distribution of the systems  $(p\pi^-)$  and  $(\bar{p}\pi^-)$  for 138 events of the type  $p\bar{p}\pi^-$ ; c) effective mass distribution of the systems  $(N\pi)$  and  $(\bar{N}\pi)$  for 421 combinations of events of either type selected imposing the restriction for the four-momentum transfer squared between the initial (anti-) proton and final (anti-) nucleon-pion system, the mass of which is plotted, to be less than  $0.3(\text{GeV}/c)^2$ . The curve is the OPEM prediction (with form factors) in the region of the  $(\frac{1}{2}, \frac{1}{2})$  isobar calculated with the same restrictions.

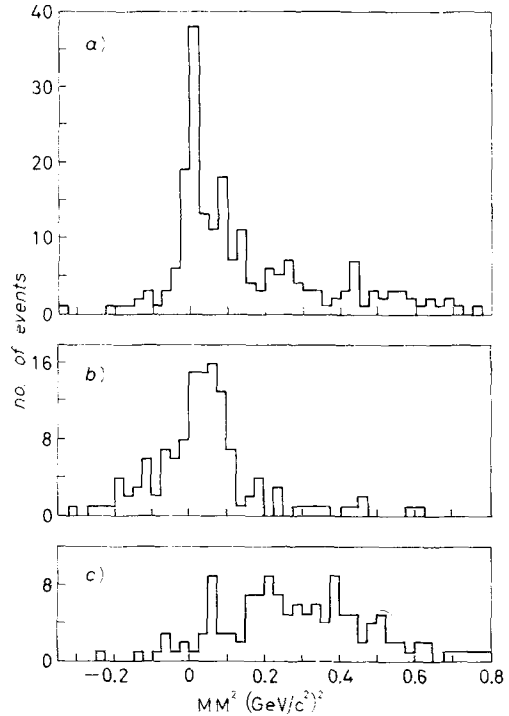


Fig. 18. - Distributions of the square of the missing masses. *a*) Experimental distributions of  $MM^2$  for 225 annihilation events all ambiguous between the two hypotheses ( $2\pi^+2\pi^-\pi^0$ ) and ( $2\pi^+2\pi^-n\pi^0$ ),  $n \geq 2$ . *b*)  $MM^2$  distribution for 129 faked events of the type ( $2\pi^+2\pi^-\pi^0$ ) all found ambiguous with the hypothesis ( $2\pi^+2\pi^-n\pi^0$ ),  $n \geq 2$ . *c*)  $MM^2$  distribution for 132 faked events of the type ( $2\pi^+2\pi^-2\pi^0$ ).

Please also note the following corrections:

in the Summary

instead of  $\sigma_{\text{annihil}} = (22.5 \pm 2.0)$  mb

read  $\sigma_{\text{annihil}} = (22.0 \pm 2.0)$  mb .

instead of  $\sigma_{\text{inel}} = (24.8 \pm 2.0)$  mb

read  $\sigma_{\text{inel}} = (25.3 \pm 2.0)$  mb ;

in Table II on p. 959, lines 24 and 25,

instead of 24.8 and 22.5

read 25.3 and 22, respectively;

on p. 968, line 17

instead of  $\cos \delta\varphi =$

read  $\cos \varphi =$  .