

MEMO CP-A/107

18 Jan 2001

To: **Distribution**
From: **F.E. Chukreev, S.Babykina**
Subject: **Additions to Dictionary 27**

Add to dictionary 27

-1-PI-0 (Z) negative pion
+1-PI-0 (Z) positive pion
0-PI-0 (Z) neutral pion.

The addition will permit to compile the data which were published in Table 4 of NP/A,408,525, 1983.(ENTRY O0597)

The code

REACTION (29-CU-0(P,PIN+PIP+X),SEQ,DA,,EXP)

has been used to describe cross section of charged pions production.

Dr. O. Schwerer objects for the code. He would like to see "Particle considered in SF7". If SF7 will be used, then strange code will be used:

REACTION ((29-CU-0(P,PIN+PIP+X),SEQ,DA,PIN)+
(29-CU-0(P,PIN+PIP+X),SEQ,DA,PIP))

If our proposal will be assumed, then the data will be coded as usual cross section:

REACTION ((29-CU-0(P,X)+1-PI-0,,DA)+(29-CU-0(P,X)-1-PI-0,,DA)

Distribution:

DUNFORD@BNLND2.DNE.BNL.GOV
VML@BNL.GOV
NORDBORG@NEA.FR
KELLETT@NEA.FR
MANOKHIN@IPPE.RSSI.RU
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TARKANYI@ATOMKI.HU
TAKACS-S@ATOMKI.HU
HASEGAWA@CRACKER.TOKAI.JAERI.GO.JP

VLASOV@KINR.KIEV.UA
KALTCHENKO@KINR.KIEV.UA
OGRITZAY@KINR.KIEV.UA