

THIS LIST IS NOT INTENDED AS A COMPLETE LIST OF AVAILABLE ARTICLES BUT ONLY INDICATIVE OF SOME PUBLISHED RESULTS  
D. BUCHMÜLLER, MAY 6, 1975

EXPERIMENTAL RESULTS

- A TOTAL ABSORPTION SCINTILLATION DETECTOR FOR ELECTRONS, PHOTONS, AND OTHER PARTICLES IN THE GEV REGION  
BACHENSTESS, NIM, 21, 155 (1963)
- CALIBRATION OF A SAMPLING TOTAL ABSORPTION DETECTOR AT 200 GEV  
BARISH, ET AL., NIM, 116, 413 (1974)
- LIQUID SCINTILLATOR TOTAL ABSORPTION MASSON CALORIMETER FOR THE STUDY OF NEUTRINO INTERACTIONS  
BENVENUTI, ET AL., TO BE PUBLISHED IN NIM
- THE PERFORMANCE OF A TOTAL ABSORPTION SPECTROMETER UP TO ENERGIES OF 60 GEV  
BOHLER ET AL., NIM, 122, 313 (1974)
- A TOTAL ABSORPTION SPECTROMETER FOR ENERGY MEASUREMENTS OF HIGH ENERGY PART.  
ENGLER, ET AL., NIM, 126, 189 (1973)
- A STUDY OF THE PROPERTIES OF AN IONIZATION SPECTROMETER WITH 10, 20.5, AND 26 GEV/C INCIDENT PROTONS  
JONES, ET AL., NIM, 72, 173 (1969)
- A CALORIMETER FOR 300 GEV NEUTRONS AND PROTONS  
JONES ET AL., NIM 118, 431 (1974)
- TOTAL ABSORPTION CALORIMETER TEST  
MCRI, PINE, AND SCHEID, FERMILAB NOTE TN-479-2050
- A SAMPLE TOTAL ABSORPTION DETECTOR FOR HAUIRONS AT HIGH ENERGIES  
PILCHER AND RUDOLPH, 1970 HAWAII PREPRINT
- A TOTAL ABSORPTION SPECTROMETER FOR MEASURING THE ENERGIES OF NUCLEAR INTERACTING PARTICLES OF THE COSMIC RADIATION IN THE ENERGY RANGE OF A FEW GEV TO A FEW HUNDRED GEV  
RAMANA MURTHY, ET AL., NIM, 23, 245 (1963)
- PERFORMANCE OF A SAMPLING CALORIMETER AT 3 TO 17 GEV. A PRELIMINARY REPORT  
TURKOT, ET AL., UNIV. OF PENN. INTERNAL REPORT, OCT., 1973
- ENERGY CALIBRATION OF A COSMIC RAY IONIZATION SPECTROMETER  
WHITESIDE ET AL., NIM, 109, 375 (1973)
- PRECISION QUANTAMETER FOR HIGH ENERGY X-RAYS  
WILSON, NIM, 1, 101 (1957)

GENERAL ARTICLES ON CALORIMETRY

PRINCIPLES AND APPLICATIONS OF THE IONIZATION CALORIMETER  
KURZIN IN PROGRESS IN ELEMENTARY PARTICLES AND COSMIC RAY PHYSICS  
VOL. IX, 1967. (NORTH HOLLAND PUBL.)

GENERAL PROPERTIES OF PARTICLES AND RADIATION  
WEISS IN TECHNIQUES OF HIGH ENERGY PHYSICS, VOL. 5,  
INTERSCIENCE PUBLISHERS, NY (1961)

ENERGY LOSS IN MATTER

HIGH RESOLUTION IONIZATION MEASUREMENTS IN THE REGION OF THE RELATIVISTIC RIS  
AGNELTIZ, ET AL., NIM, 110, 419 (1974)

DENSITY EFFECT IN THE IONIZATION ENERGY LOSS OF FAST PARTICLES IN MATTER  
GRISPIN AND FOLEN, REV. MOD. PHYS., VOL 42, NO 3, 290, (1970).

ENERGY LOSS AND STRAGGLING  
KATIKIN, ET AL., PHYS. REV., 179, 393 (1969)

RESTRICTED ENERGY LOSS  
MCNULTY, ET AL., PHYS. REV. D, VOL 1, NO 11, 3041, (1970)

GENERAL EXPRESSION FOR THE DENSITY EFFECT FOR IONIZATION LOSS OF CHARGED PART  
STERNHEIMER AND PLETZLS, ZML 15516 (1971)

Monte Carlo Results

STUDY OF TOTAL ABSORPTION COUNTERS FOR VERY HIGH ENERGY PARTICLES  
BARCELLI, NIM 116, 445 (1974)

RESPONSE OF A LARGE ALL LIQUID SCINTILLATOR SPECTROMETER AND  
OF A 24 LAYER IRON PLASTIC SPECTROMETER TO CHARGED PIONS AND PROTONS  
IN THE 1.24 GEV ENERGY RANGE  
GABRIEL AND AMBURGEY, NIM, 116, 333 (1974)

ENERGY DEPOSITION AND ENERGY DEPOSITION FLUCTUATIONS IN AN IONIZATION  
SPECTROMETER AND A TOTAL ABSORPTION NUCLEAR CASCADE COUNTER  
GABRIEL AND CHANDLER, PARTICLE ACCELERATORS, VOL 5, 161 (1973)

LIQUID ARGON DETECTORS

PROPOSAL AND PROGRESS REPORT OF CLEAN SFS NEUTRINO EXPERIMENT P3  
ALEXANDER, ET AL., SPSC/PT3-3

A LIQUID ARGON IONIZATION CALORIMETER FOR DETECTION OF ELECTROMAGNETIC AND  
HADRONIC SHOWERS  
ENGLER ET AL., NIM, 120, 157 (1974)

DEVELOPMENT AND TEST OF A LIQUID ARGON SHOWER DETECTOR  
KNIES AND NEUFFER, NIM, 120, 1 (1974)

LIQUID ARGON IONIZATION CHAMBERS AS TOTAL ABSORPTION DETECTORS  
MILLIS AND KAGEKA, NIM, 120, 221 (1974)

AN IMFACTOMETER FOR THE ISH  
MILLIS, CERW/ISR/73-1