

Contents

I. VECTOR MESON DOMINANCE AND POINTLIKE COUPLING OF THE PHOTON

Vector Meson Dominance - Selected Topics	3
---	----------

G. Piller and W. Weise

Signs of Vector Meson Dominance in the Total Photoabsorption

Cross Section	19
----------------------------	-----------

J. Ahrens

The Shadowing Effect in the Compton Scattering Cross Section	23
---	-----------

P. Rullhusen

The Shadowing Effect in Deep Inelastic Lepton Scattering	35
---	-----------

E. M. Kabuß

The Electromagnetic Interaction of Rhos	46
--	-----------

P. Christillin

Vector Meson Dominance and Pointlike Coupling of the Photon

in Soft and Hard Processes	55
---	-----------

E. Paul

Probing the Short Range Behavior of Nuclei with High P_T

Photo- and Electro-Nuclear Reactions	77
---	-----------

J.M. Laget

VI

Point-Like Interactions of Photons in High P_T Photoproduction	100
G. Wormser	
 II. EQUIVALENT PHOTONS	
The Coulomb Field of Relativistic Nuclei: An Intense Source of (Almost) Real Photons	111
G. Baur	
 III. COMPTON SCATTERING, MESON SCATTERING AND MESON PHOTOPRODUCTION	
Photon Scattering as a Tool for Study of Nucleon and Nucleus Structure	123
A.I. L'vov and V.A. Petrun'kin	
Photon and Pion Scattering on the Basis of Quark Models	145
M.G. Huber, B. C. Metsch and H.R. Petry	
Pion Photoproduction and Compton Scattering in Quark Models	166
M. Weyrauch	
Compton Scattering off Nucleons near Threshold	178
B. König, D. Drechsel and L. Tiator	
Eta Photoproduction from Nuclei	190
C. Bennhold	
 IV. PHOTONUCLEAR REACTIONS	
Photonuclear Reactions at Intermediate Energies	207
R.C. Carrasco, E. Oset and L.L. Salcedo	
Photonuclear Reactions at Intermediate Energies by Self-Consistent RPA-SK3 Continuum Theory: The Mean-Field Quasideuteron Effect	225
M. Marangoni and A.M. Saruis	
Dipole Sum Rule Enhancement in Nuclei	246
R.C. Carrasco, E. Oset and W. Weise	