

Fig. 5 – The experimental values of the scaling function, obtained by using Eqs. (27) and the experimental data [35, 47–49], are compared with the theoretical predictions (30) for  $[\pi^+P, K^+, PP, PP]$ -scatterings.

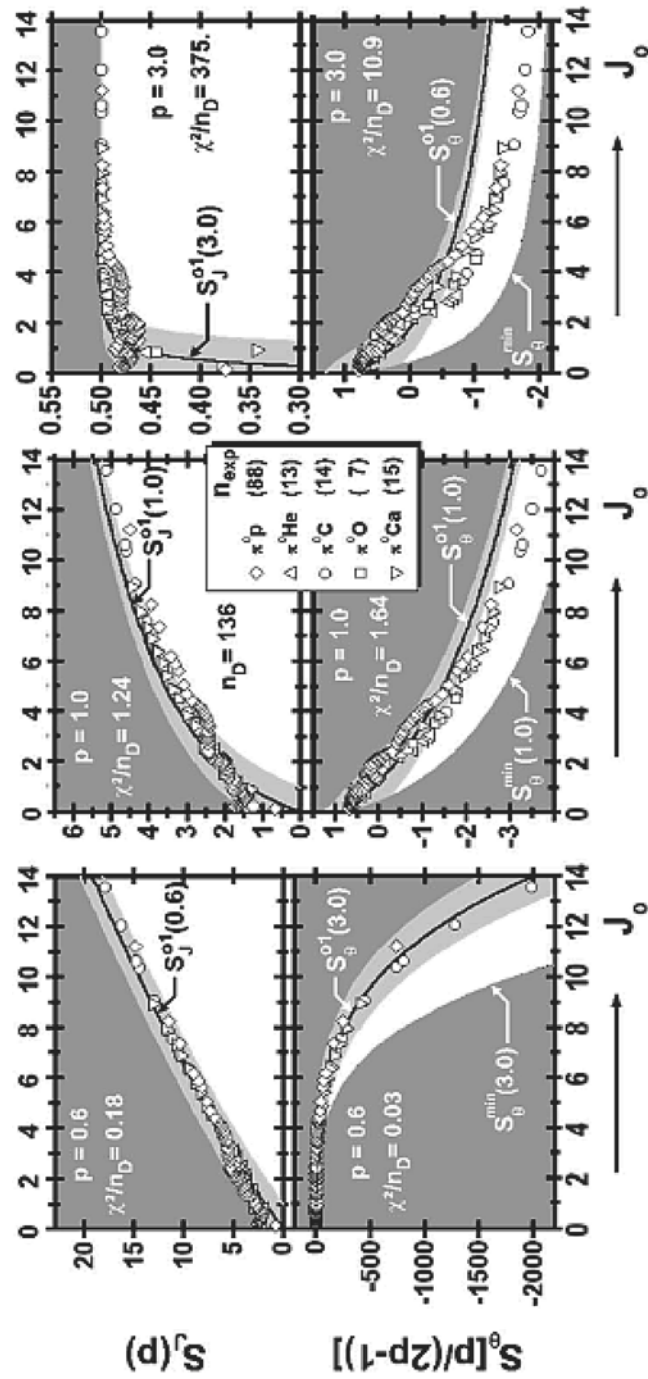


Fig. 8 – The experimental values of the scattering entropies  $S_p(q)$  and  $S_b(q)$ , are compared with the theoretical optimal state predictions (full curve) for pion-nucleus (He, C, O, and Ca) scatterings (see the paper [13] for details).