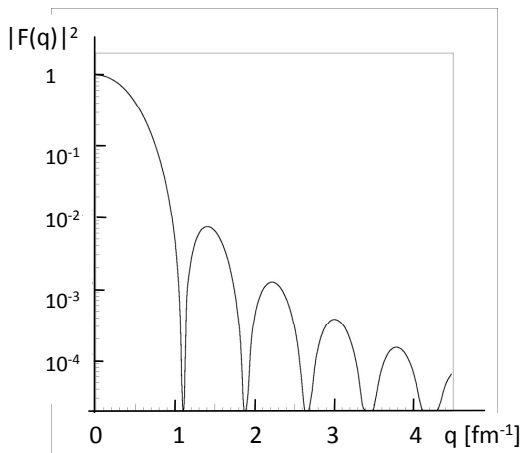


Sipanje na porazdelitvi naboja

izračun za enak. porazdelitev z radijem 4,1 fm;
vpadni elektroni energije 450 MeV

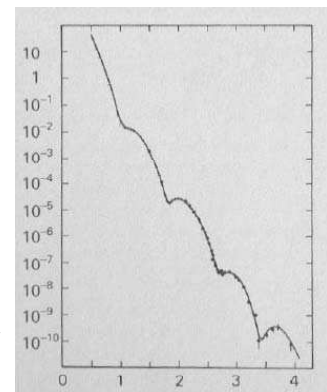


$$|F(q)|^2 = \frac{9}{(qR)^6} [\sin qR - qR \cos qR]^2$$

$$q = \frac{2p}{\hbar} \sin \frac{\vartheta}{2}$$

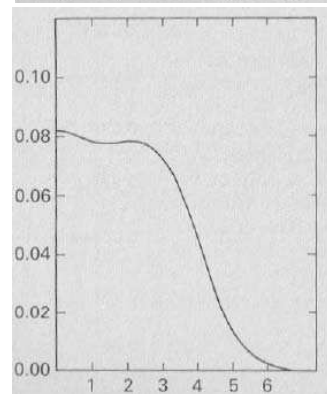
I. Sick et al., Phys.Rev.Lett. 35, 910 (1975)

$d\sigma/d\Omega$
[mb/sr]



meritev $d\sigma/d\Omega$
za sipane e^-
energije 450 MeV
na ${}_{28}^{58}\text{Ni}$

$\rho(r)$
[fm⁻³]



prilagajana
porazdelitev
naboja, ki
najbolje opiše
 $d\sigma/d\Omega$