

Table 4.20 from (1992TI02):
Measurements and analyses of cross sections for inelastic electron scattering on ${}^4\text{He}$

q^2 (fm^{-2})	E_e (MeV)	Description	Refs.
0.8 – 2.4	800 – 1200	Measured $\sigma(E, \theta)$ for $\theta = 16^\circ - 40^\circ$ near quasielastic maximum. Studied effects of center-of-mass motion.	1975DE23
	500	Measured quasielastic scattering at $\theta = 60^\circ$. Compared to static and Fermi gas models.	1976MC01
	(not given)	Measured quasielastic scattering at $\theta = 42^\circ - 140^\circ$. Used measured peak position to study NN interaction.	1984BU18
	400	Measured $\sigma(\theta, E')$ for excitation of 0^+ state at 20.1 MeV in ${}^4\text{He}$.	1983KO25
	730	Measured $\sigma(E, \theta)$ for $\theta = 37.1^\circ$ for energy transfers ≤ 550 MeV in region of Δ -resonance.	1984OC01
	808, 988, 1180	Measured $\sigma(E, E, \theta)$ in quasielastic region. Obtained scaling function. Derived momentum distribution of nucleons in ${}^4\text{He}$.	1988DE41
≈ 0.15	130 – 200	Measured $\sigma(E)$ at 180° . Compared with RCCSM.	1988HO11
	183.4	Measured ${}^3\text{H}+p$ and ${}^3\text{He}+n$ breakup, $e'-n$, $e'-p$ coincidence. $E_x = 22 - 36$ MeV in ${}^4\text{He}$.	1989SP05
	279 – 725	Measured double-differential cross section. Compared with Coulomb sum rule.	1990VO01