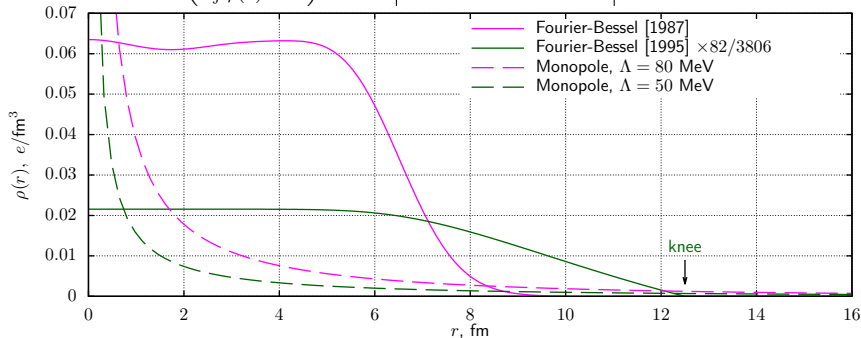


^{208}Pb charge density

$$\rho(r) = \sum_{k=1}^N a_k j_0(k\pi r/R) \theta(R-r), \quad F(q) = \frac{\int \rho(r) e^{i\vec{q}\vec{r}} d^3r}{\int \rho(r) d^3r}$$

	[1987]		[1995]	
	Quoted	Actual	Quoted	Actual
$Z = \int \rho(r) d^3r$	82	82.03	82	3806
$\langle r^2 \rangle^{1/2} = \left(\frac{\int \rho(r) r^2 d^3r}{\int \rho(r) d^3r} \right)^{1/2}, \text{ fm}$	5.499(1)	5.501	5.4785	8.0850



[1987]: At.Data and Nucl.Data Tabl. 36, 495 (1987)

[1995]: At.Data and Nucl.Data Tabl. 60, 177 (1995)