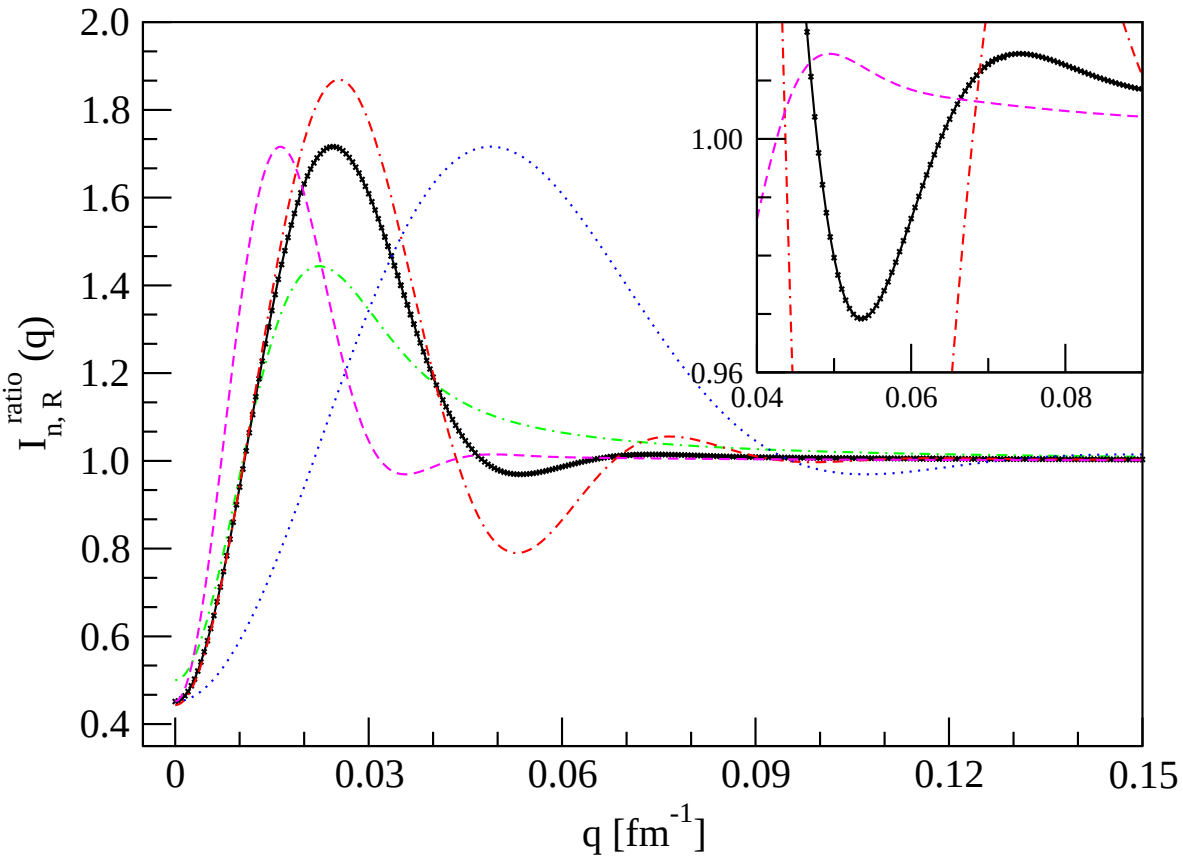

FIG. 1: (color online) The $I^{ratio}_{n,R}(q)$ for different combinations of screening parameters and the quality of polynomial fit for $I^{ratio}_{3,120}(q)$. The solid (black) line represents $I^{ratio}_{3,120}(q)$ calculated by direct integration over r in (8) as a function of momenta q. The black x-es show the values of $I^{ratio}_{3,120}(q)$ obtained from its polynomial representation. Other curves: dash-dotted (green), double-dashed-dotted (red), dotted (blue) and dashed (magenta) represents $I^{ratio}_{2,120}, I^{ratio}_{4,120}, I^{ratio}_{3,60}$ and $I^{ratio}_{3,180}$, respectively. For $0.15 < q < 100$ fm the $I^{ratio}_{n,R}(q)$ is practically equal 1.