44-44-44-64-6-beta-10.85-twist-2

October 16, 2024

```
[23]: %load_ext autoreload
%autoreload 2
from modules import read_and_write
from modules import polyakov
from modules import utility
from modules import fourier_surface
from IPython.display import Markdown, display
```

The autoreload extension is already loaded. To reload it, use: %reload ext autoreload

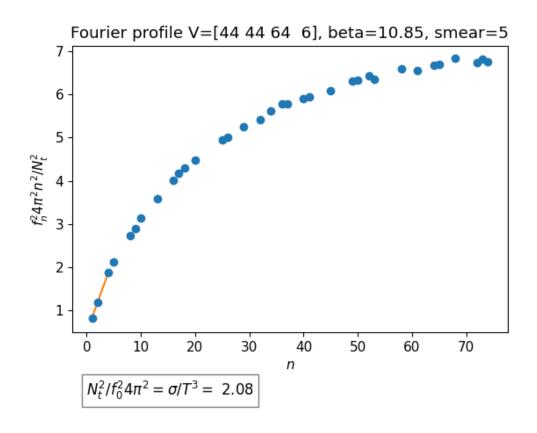
1 Load data

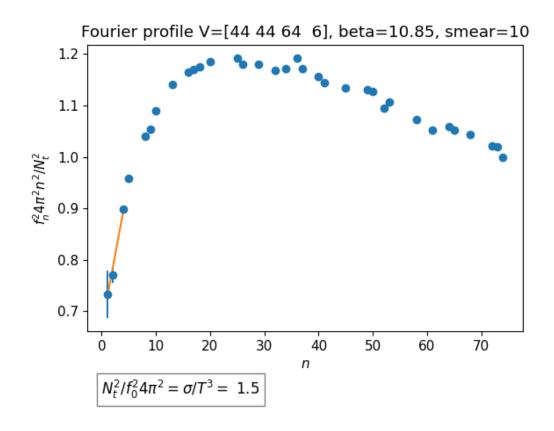
```
[63]: title_info = folder_names[choose_folder-1].split( '/')
group = title_info[3].split('-')[0][2]
temp = title_info[4].split('-')[1]
twist_coeff = title_info[4].split('-')[3]
title_markdown = r"# $\text{{SU}}({})$, $V$ = {}, $\beta=$ {}, twist coeff $=$\_\
$\_\frac{4}{\}\".format(group, volume, temp, twist_coeff)
display(Markdown(title_markdown))
```

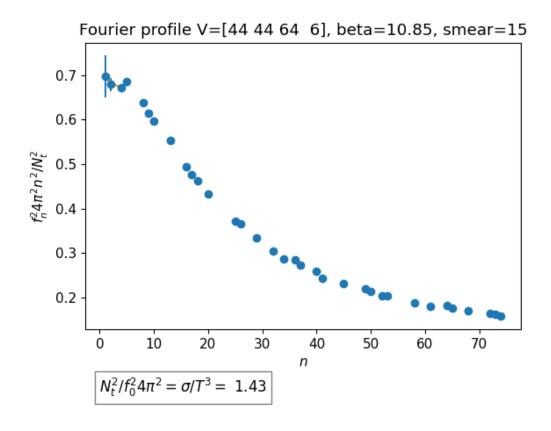
2 SU(4), $V = [44 \ 44 \ 64 \ 6], \beta = 10.85$, twist coeff = 2

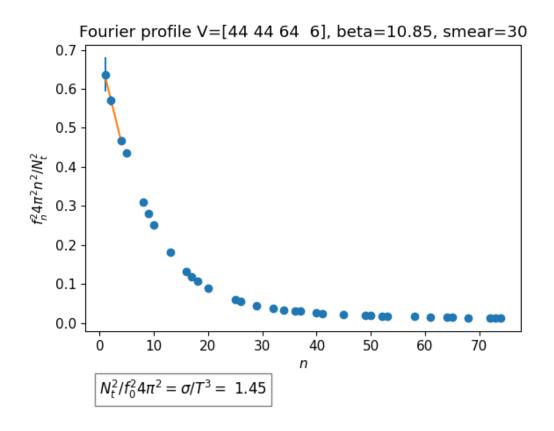
2.1 Perform post processing

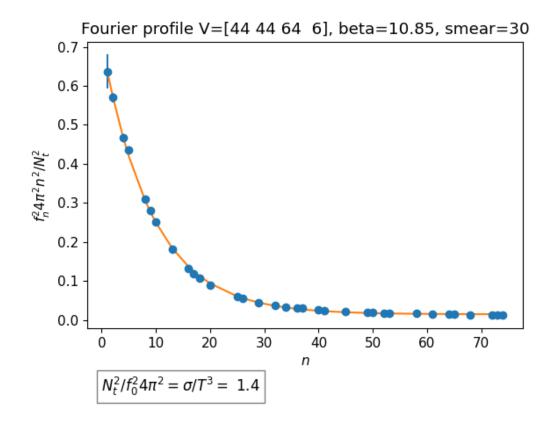
2.2 Plot Fourier modes for different smearing steps











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