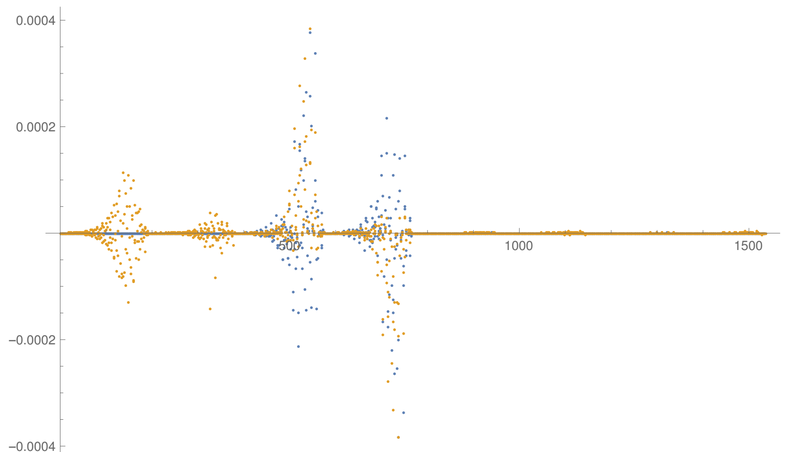
$E_f \in 2.43777 \ldots 2.43183$ MeV $E_i = -7.35652$ MeV

$$c_m \cdot \sum_{n=1}^{N} c_n \left\langle f_m \middle| \widehat{E1} \middle| i_n \right\rangle$$

Out[ ]=



RGM basis vector m

E_f=2.43777 MeV

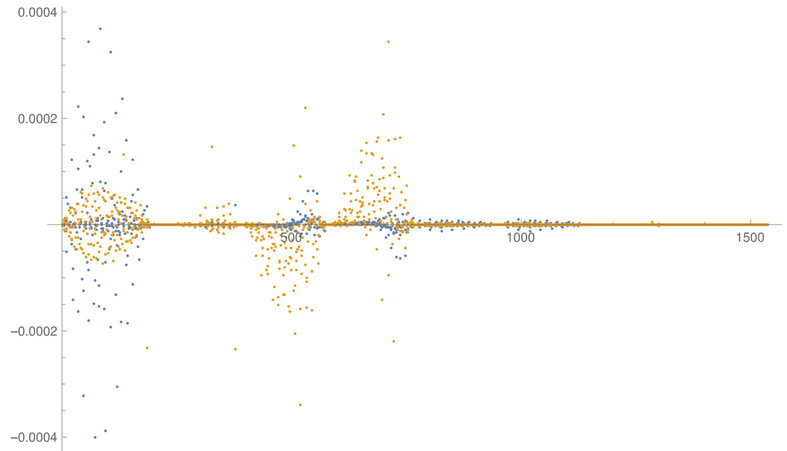
E_f=2.43183 MeV

$$\left| \sum_m c_m \cdot \sum_{n=1}^{N} c_n \left\langle f_m \middle| \widehat{E1} \middle| i_n \right\rangle \right|^2 = 2.41678 \times 10^{-13} \quad , \quad E_f = 2.43777 \text{ MeV}$$

$$\left| \sum_m c_m \cdot \sum_{n=1}^{N} c_n \left\langle f_m \middle| \widehat{E1} \middle| i_n \right\rangle \right|^2 = 1.69845 \times 10^{-7} \quad , \quad E_f = 2.43183 \text{ MeV}$$

$E_f \in -2.00789 \ldots -0.561999$ MeV $E_i = -7.35652$ MeV

$$c_m \cdot \sum_{n=1}^{N} c_n \left\langle f_m \middle| \widehat{E1} \middle| i_n \right\rangle$$



RGM basis vector m