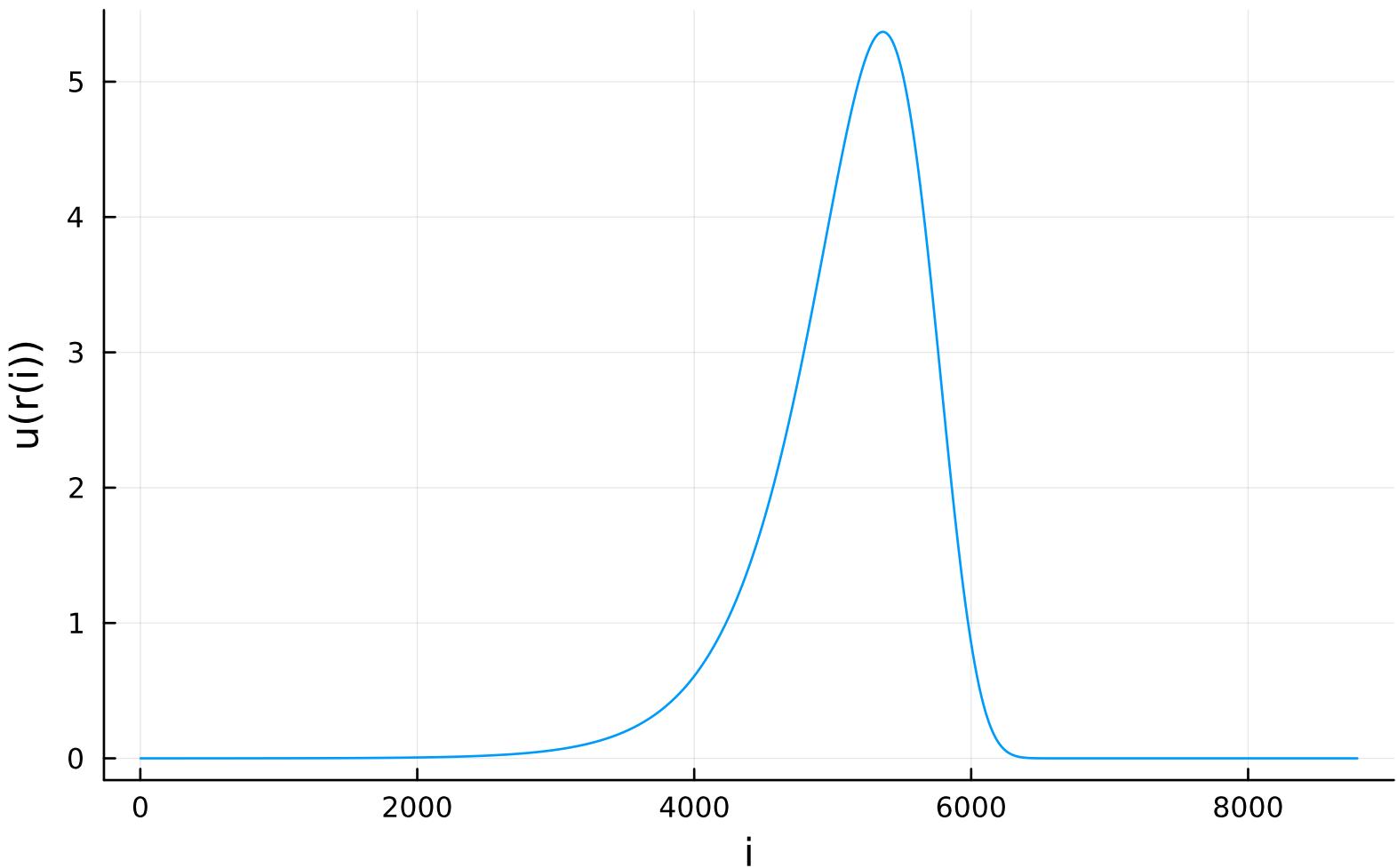
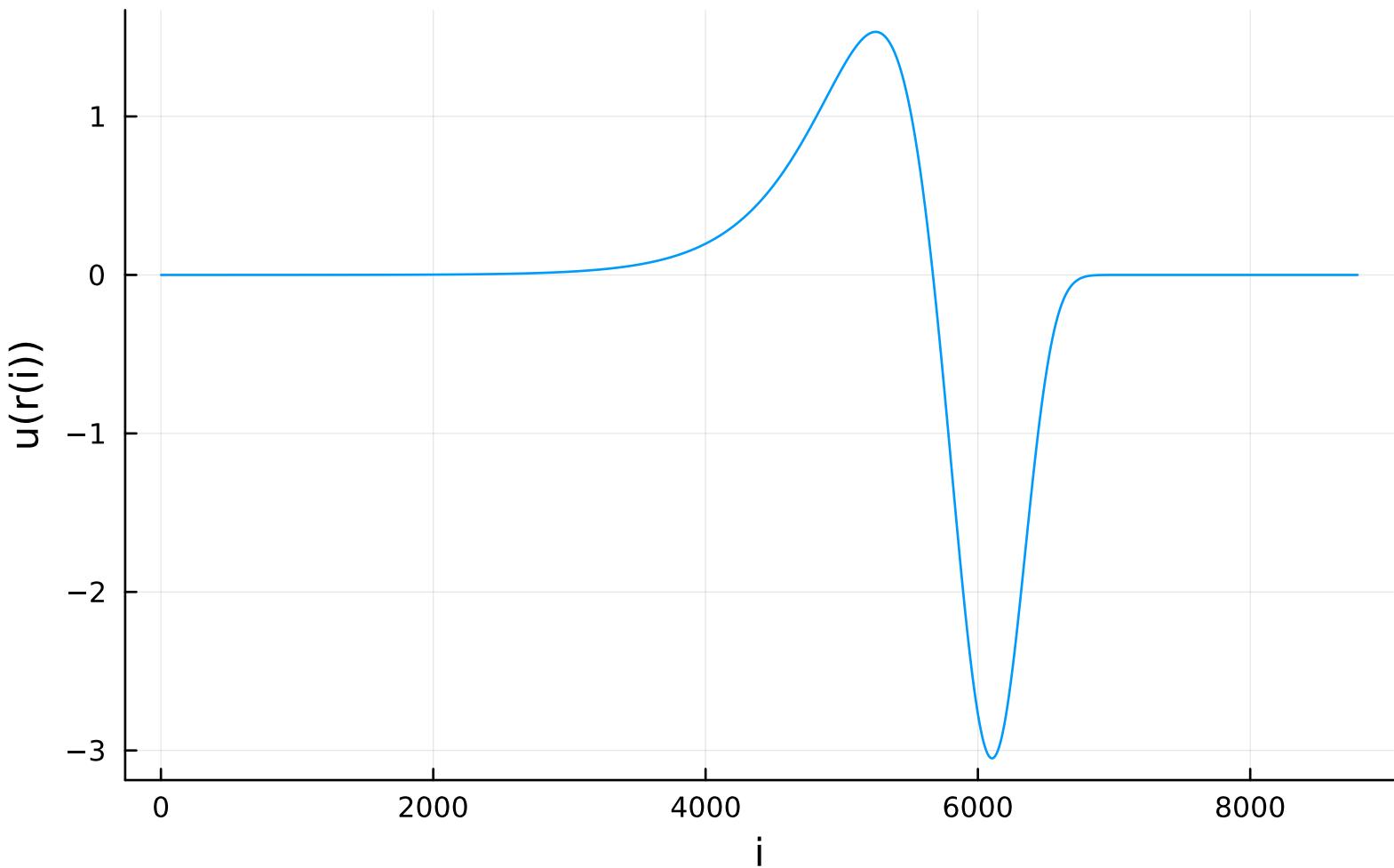


Xenon	E in Hartree			
Name	E NIST	E pred	ΔE	ΔE /E NIST
4d	-2.286666	-2.286992	0.000326	-0.000142
Ecoul	2880.919348	2880.900035	0.019313	0.000007
3p	-32.867042	-32.867408	0.000366	-0.000011
4p	-5.063802	-5.064133	0.000331	-0.000065
Exc	-175.713845	-175.712993	0.000852	-0.000005
5p	-0.309835	-0.310187	0.000352	-0.001135
2p	-172.599583	-172.600071	0.000488	-0.000003
5s	-0.672086	-0.672433	0.000347	-0.000516
4s	-6.678340	-6.678671	0.000331	-0.000049
Etot	-7228.856107	-7228.856107	0.000000	-0.000000
2s	-183.327495	-183.327938	0.000443	-0.000002
3s	-37.415454	-37.415818	0.000364	-0.000010
3d	-24.378230	-24.378570	0.000340	-0.000014
Ekin	7225.097817	7224.994719	0.103098	0.000014
1s	-1208.688993	-1208.690313	0.001320	-0.000001

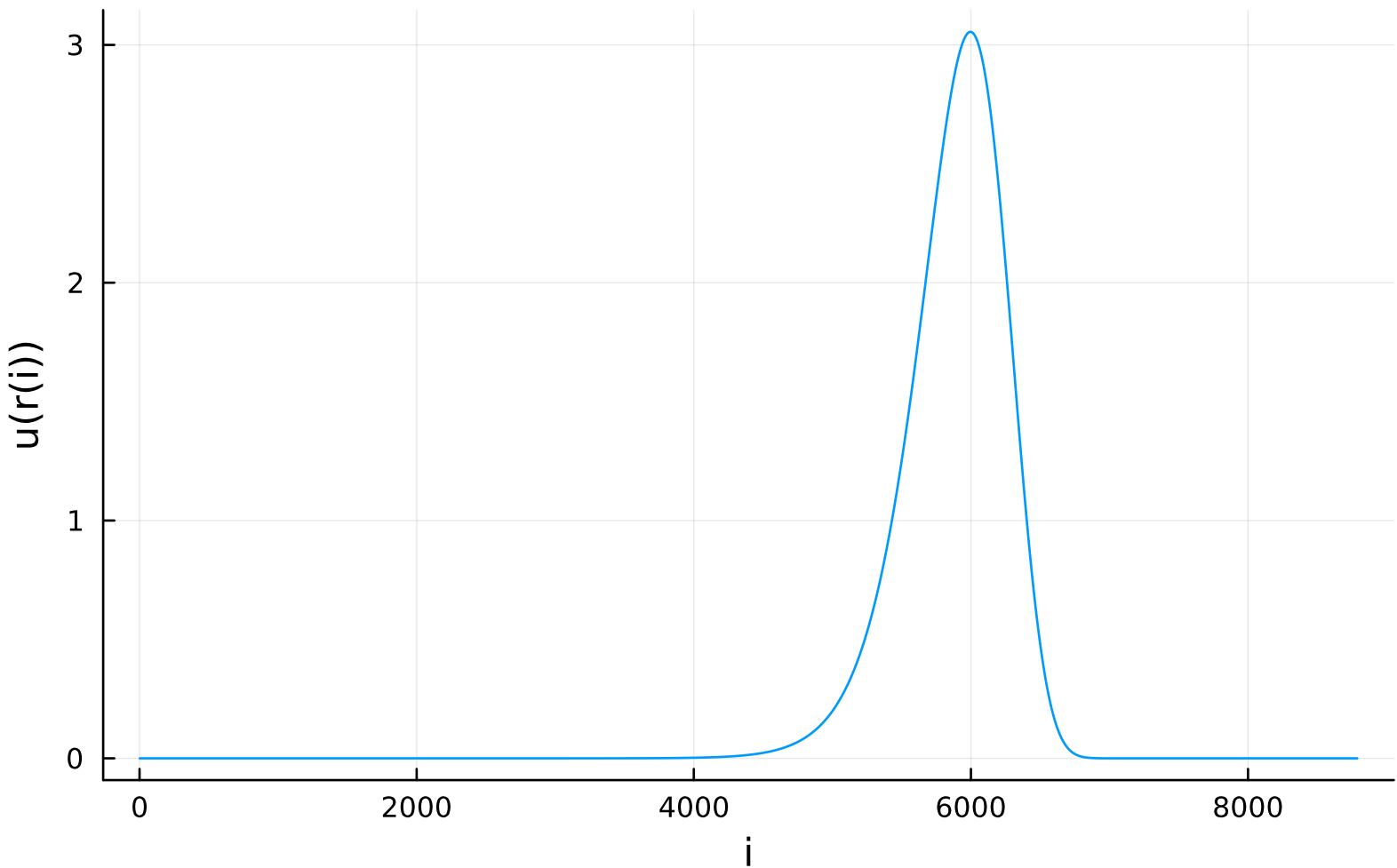
Orbital 1s eigen energy -1208.6903



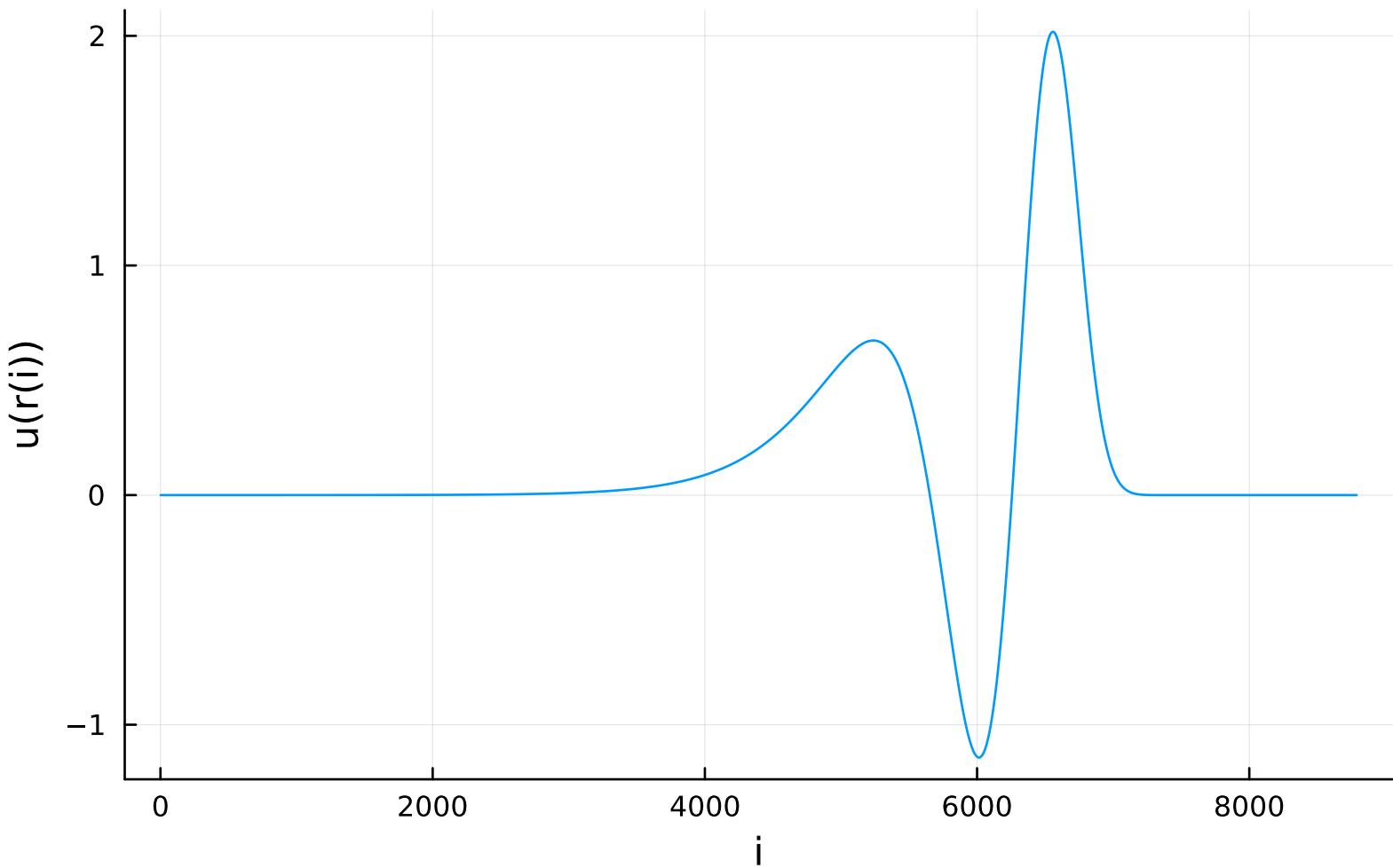
Orbital 2s eigen energy -183.3279



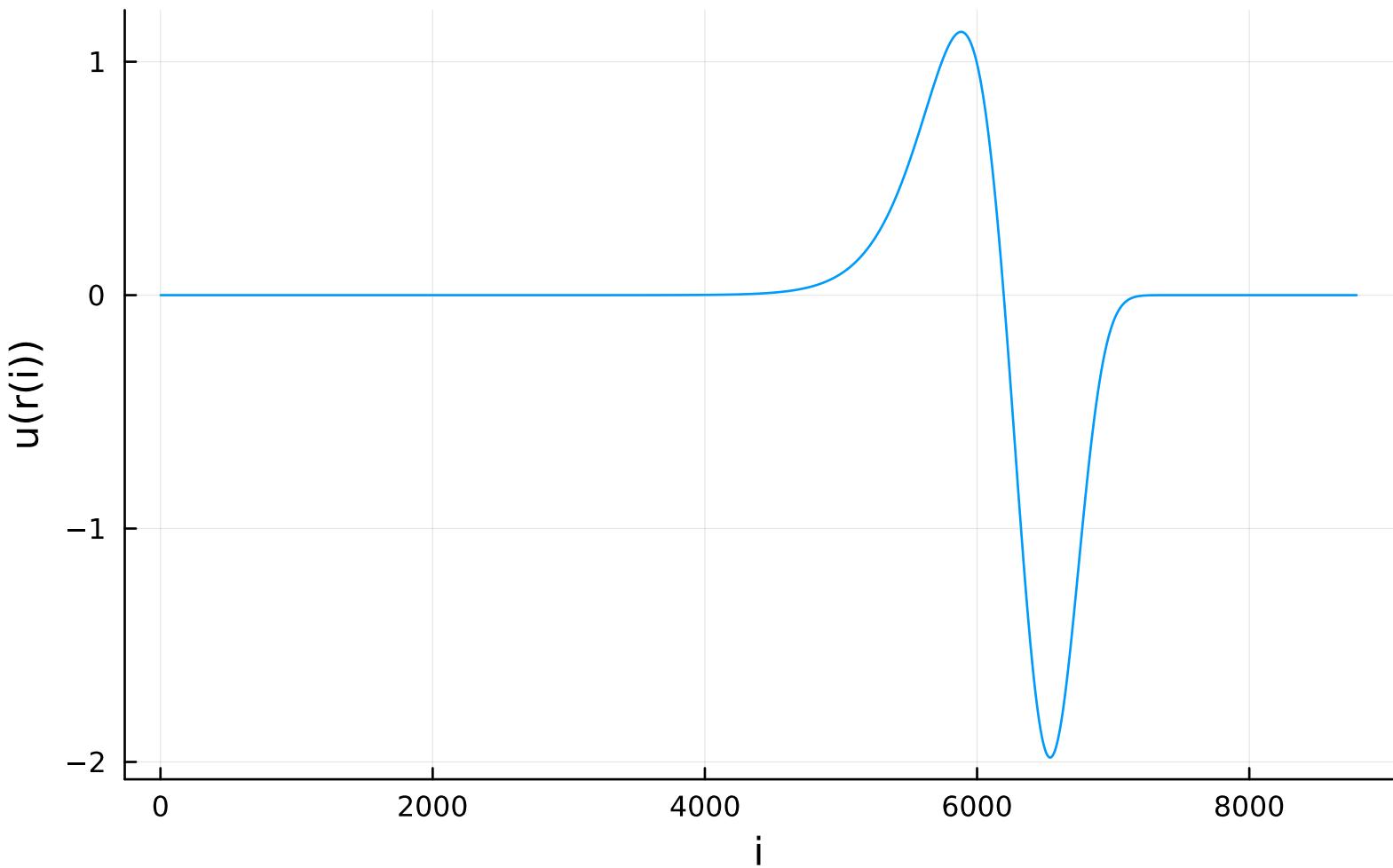
Orbital 2p eigen energy -172.6001



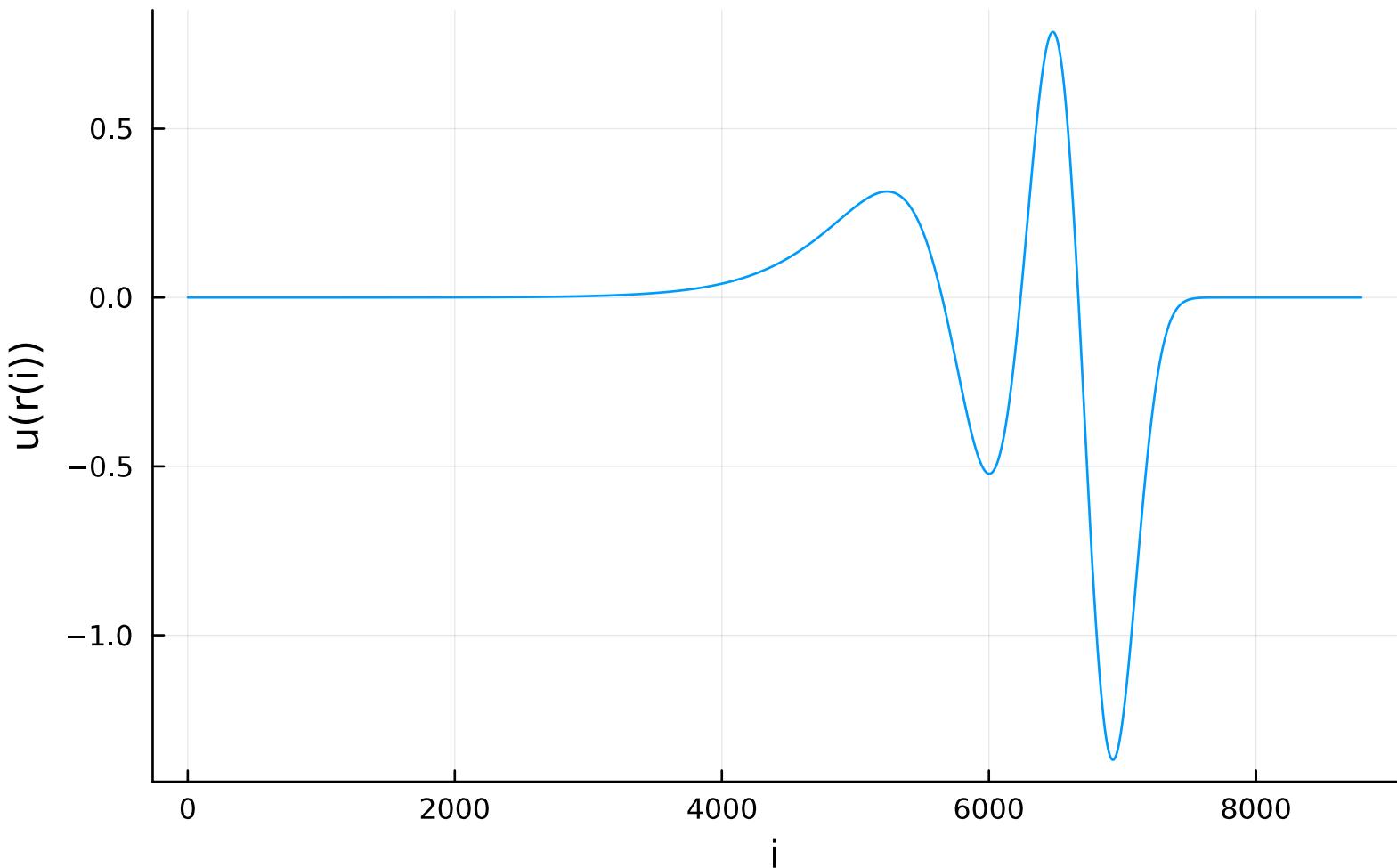
Orbital 3s eigen energy -37.4158



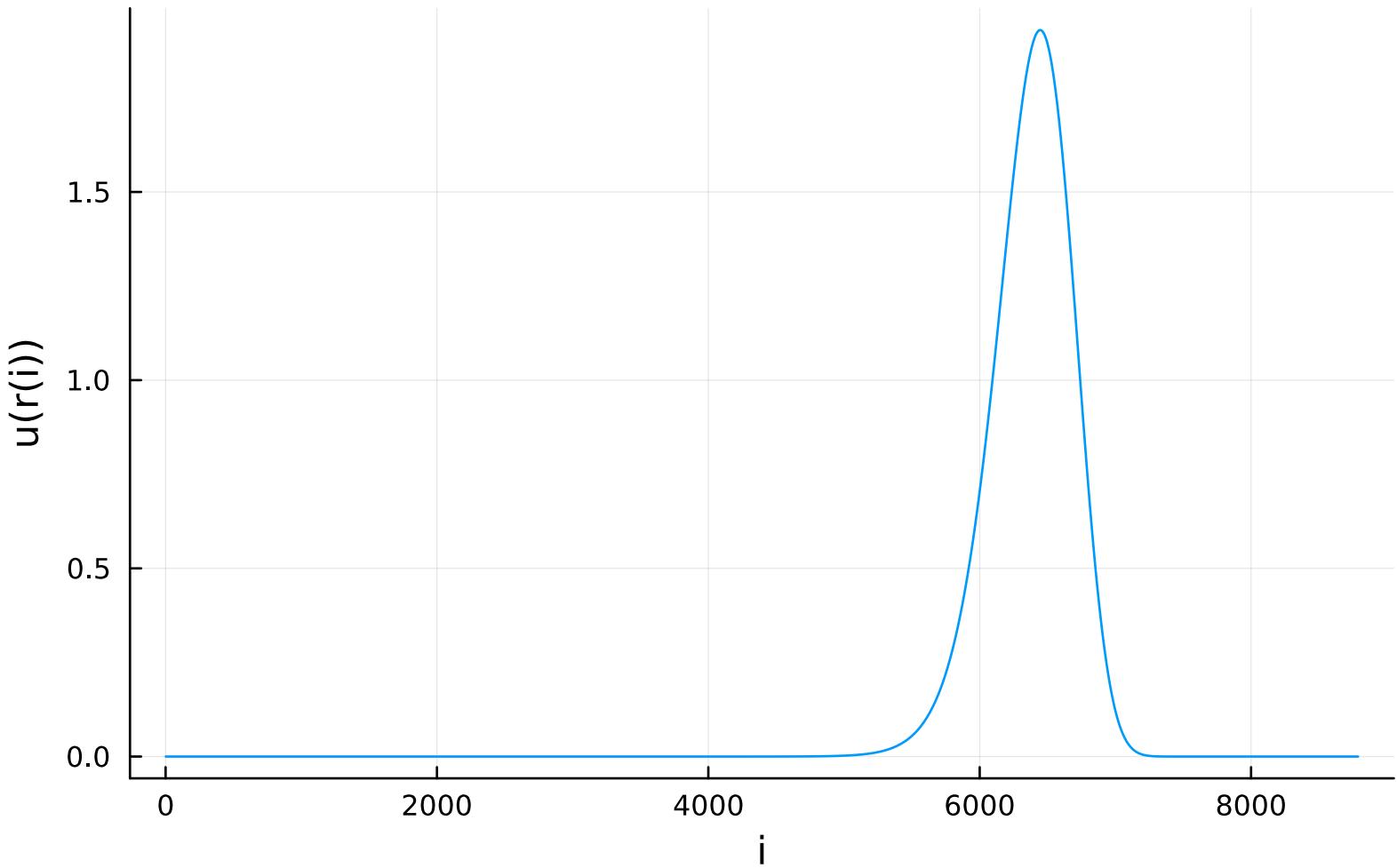
Orbital 3p eigen energy -32.8674



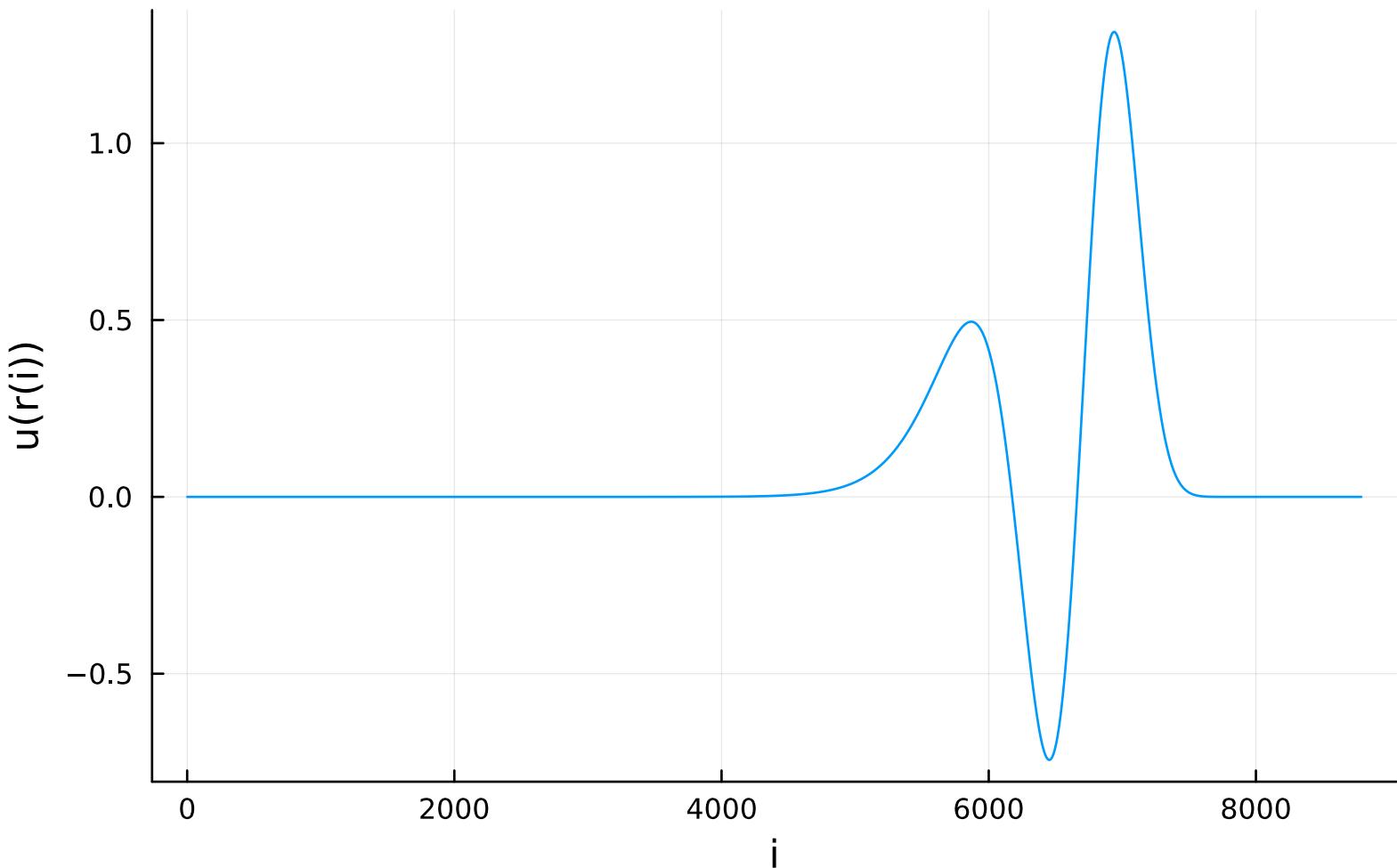
Orbital 4s eigen energy -6.6787



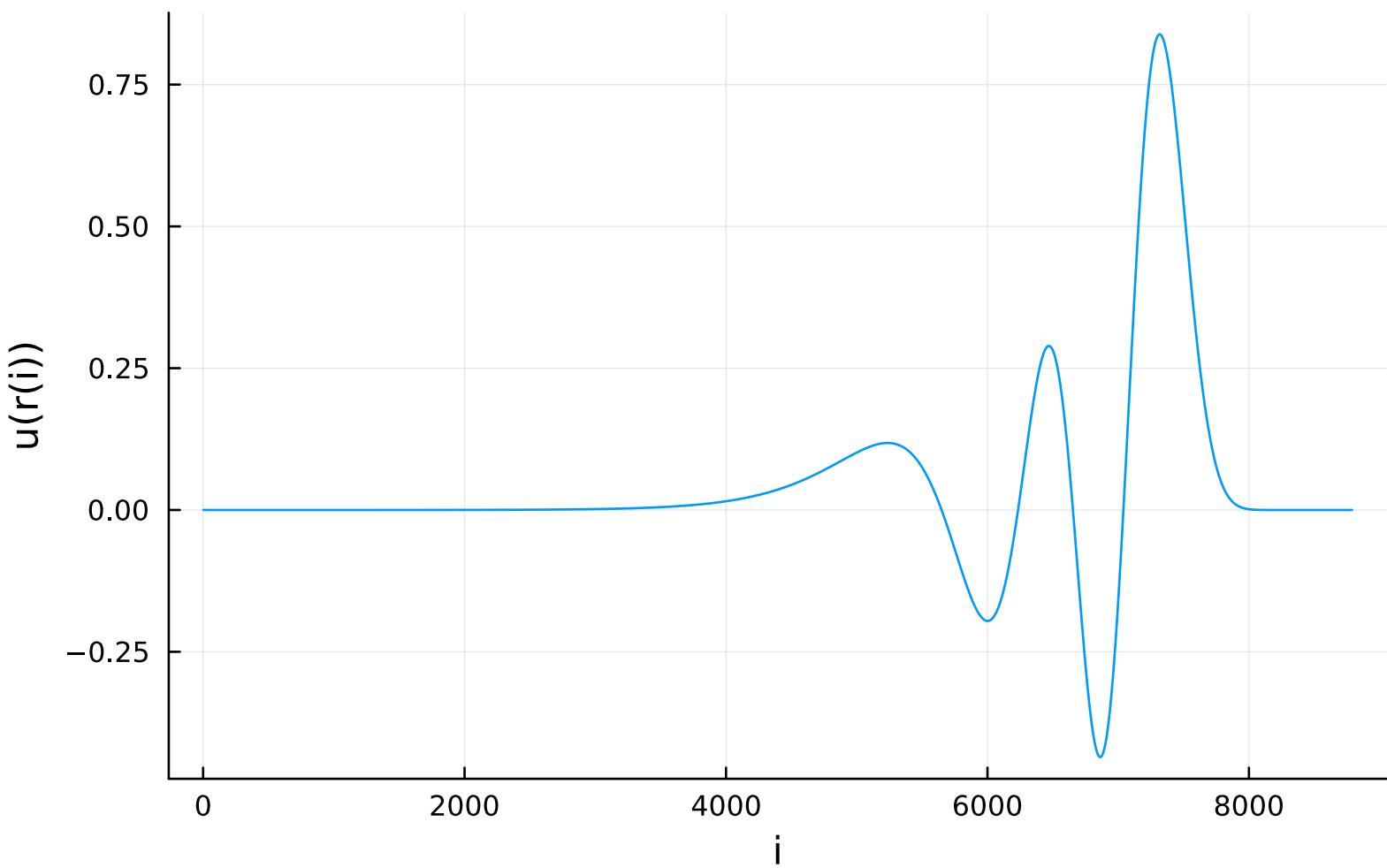
Orbital 3d eigen energy -24.3786



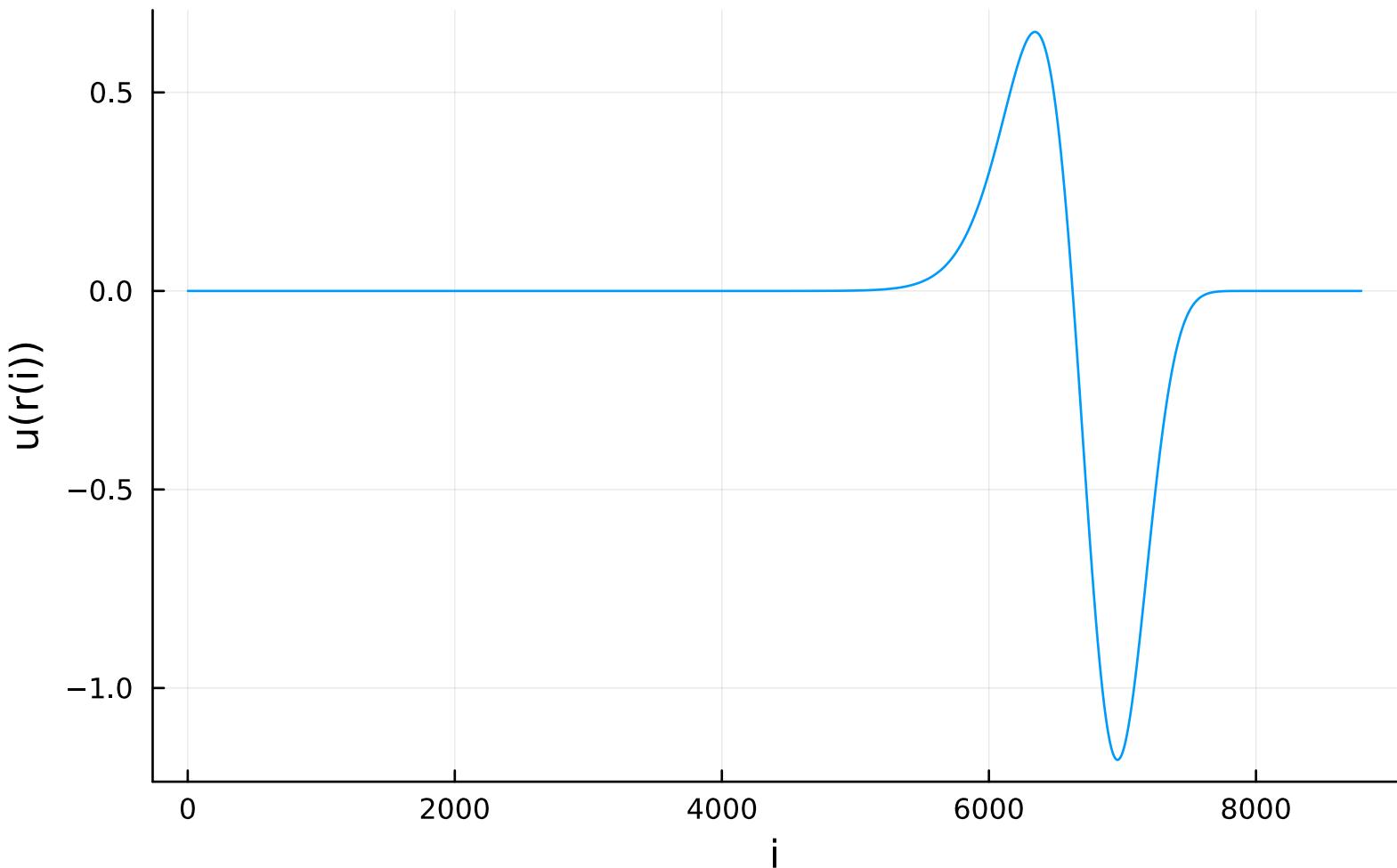
Orbital 4p eigen energy -5.0641



Orbital 5s eigen energy -0.6724



Orbital 4d eigen energy -2.2870



Orbital 5p eigen energy -0.3102

