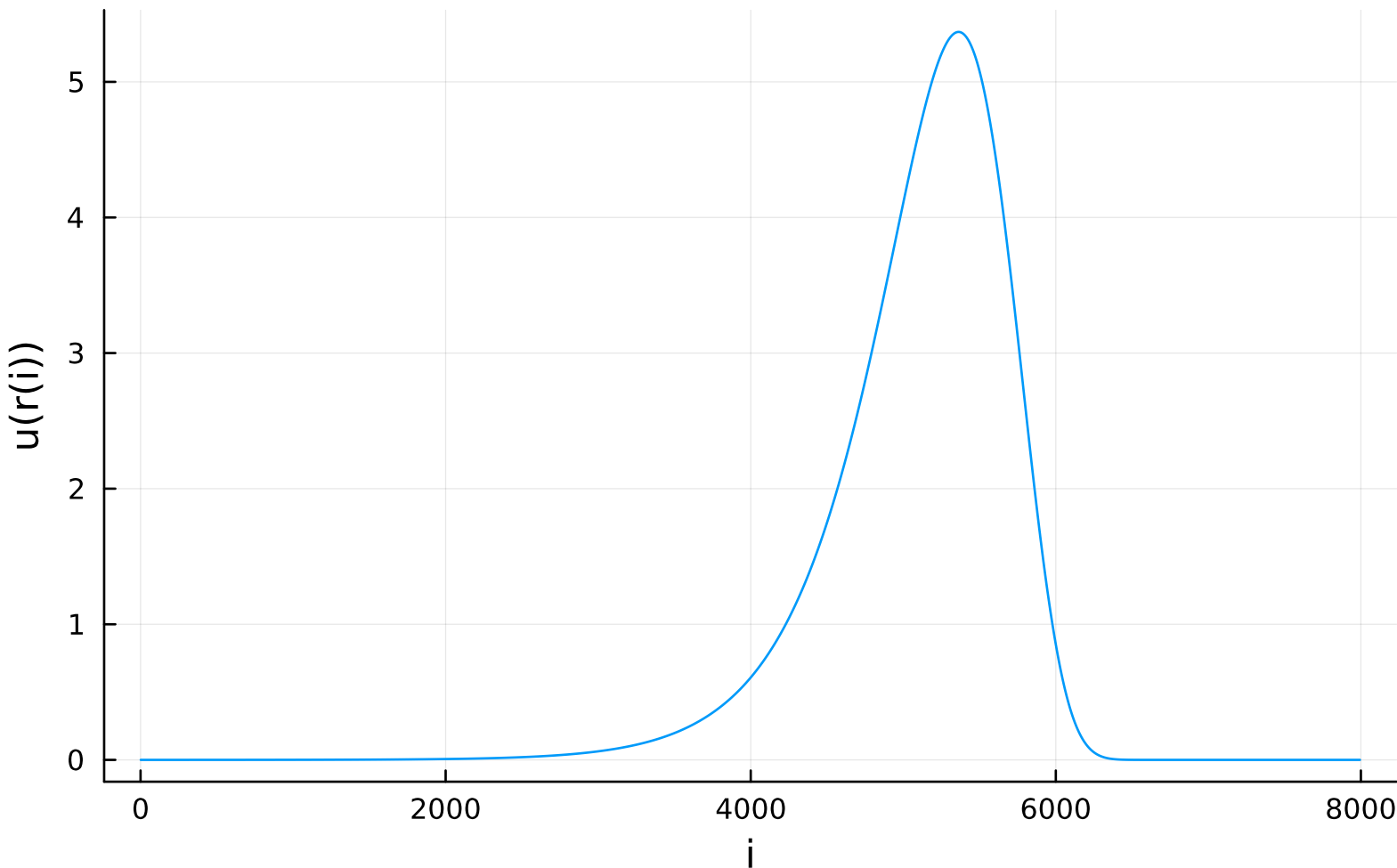
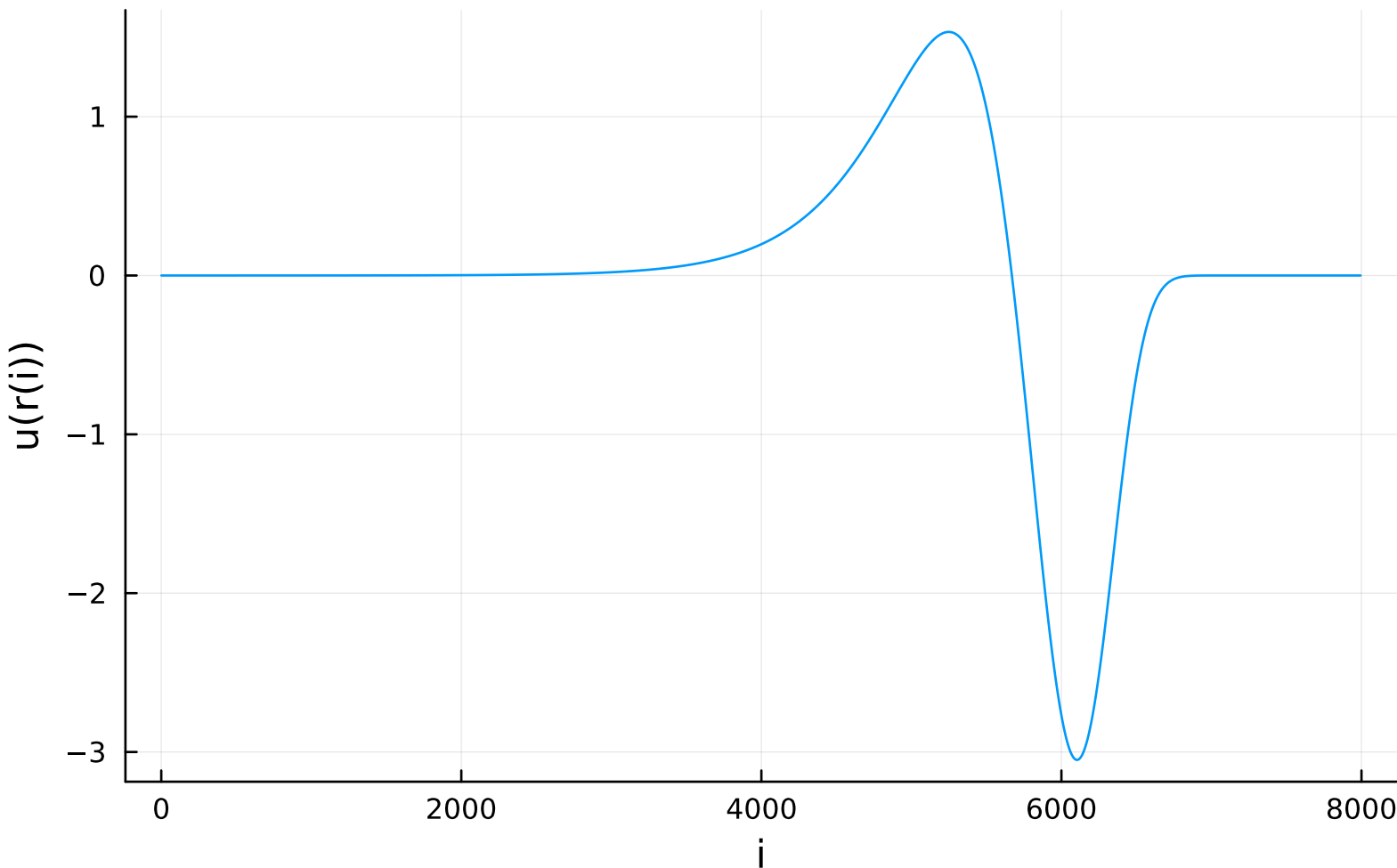


Xenon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
4d	-2.286666	-2.249928	0.036738	-0.016066
Ecoul	2880.919348	2883.025367	2.106019	0.000731
3p	-32.867042	-32.828501	0.038541	-0.001173
4p	-5.063802	-5.026618	0.037184	-0.007343
Exc	-175.713845	-175.771197	0.057352	-0.000326
5p	-0.309835	-0.280255	0.029580	-0.095469
2p	-172.599583	-172.560330	0.039253	-0.000227
5s	-0.672086	-0.643825	0.028261	-0.042050
4s	-6.678340	-6.641044	0.037296	-0.005585
Etot	-7228.856107	-7228.819657	0.036450	-0.000005
2s	-183.327495	-183.288376	0.039119	-0.000213
3s	-37.415454	-37.376947	0.038507	-0.001029
3d	-24.378230	-24.339641	0.038589	-0.001583
Ekin	7225.097817	7225.355542	0.257725	0.000036
1s	-1208.688993	-1208.648939	0.040054	-0.000033

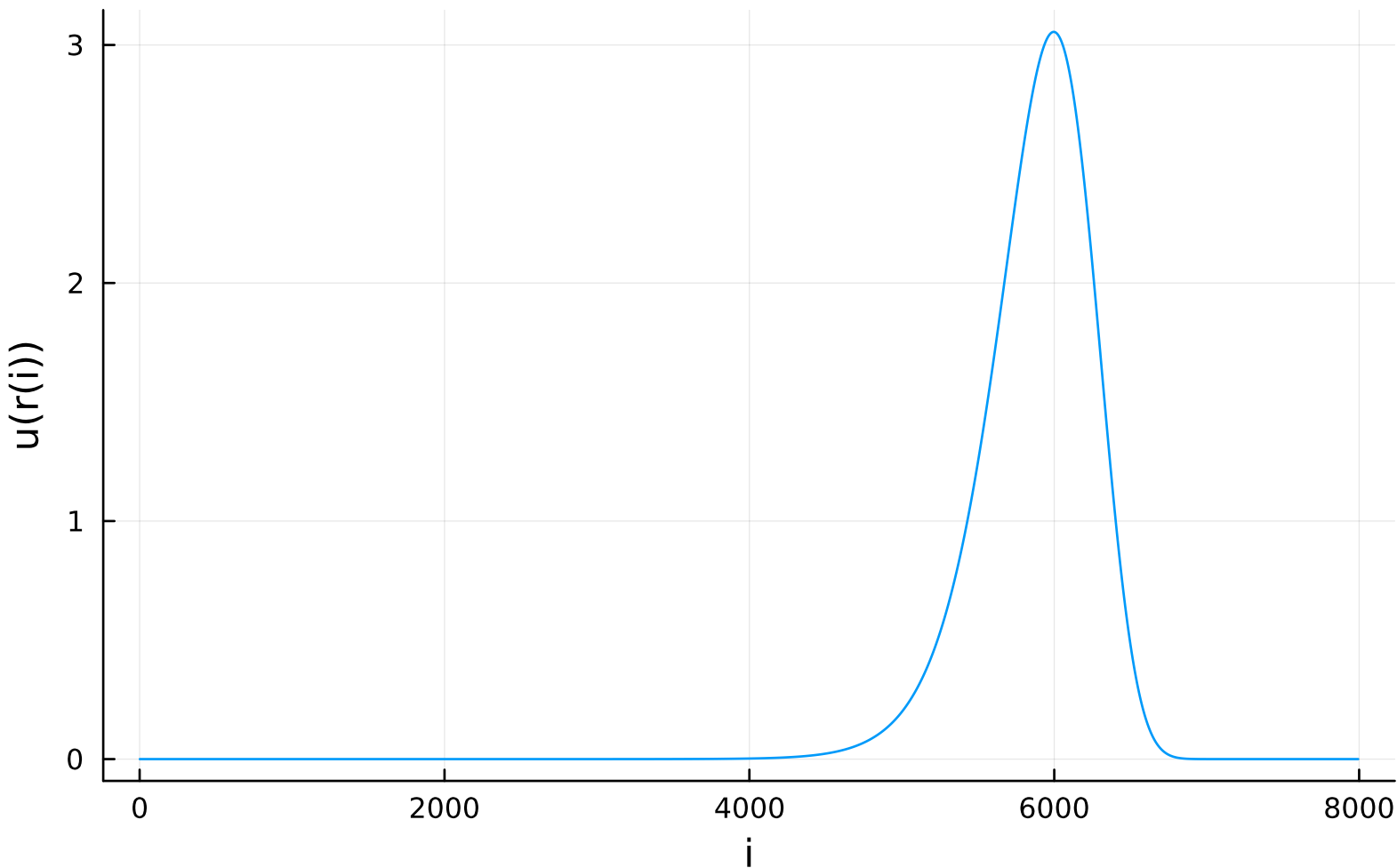
Orbital 1s eigen energy -1208.6489



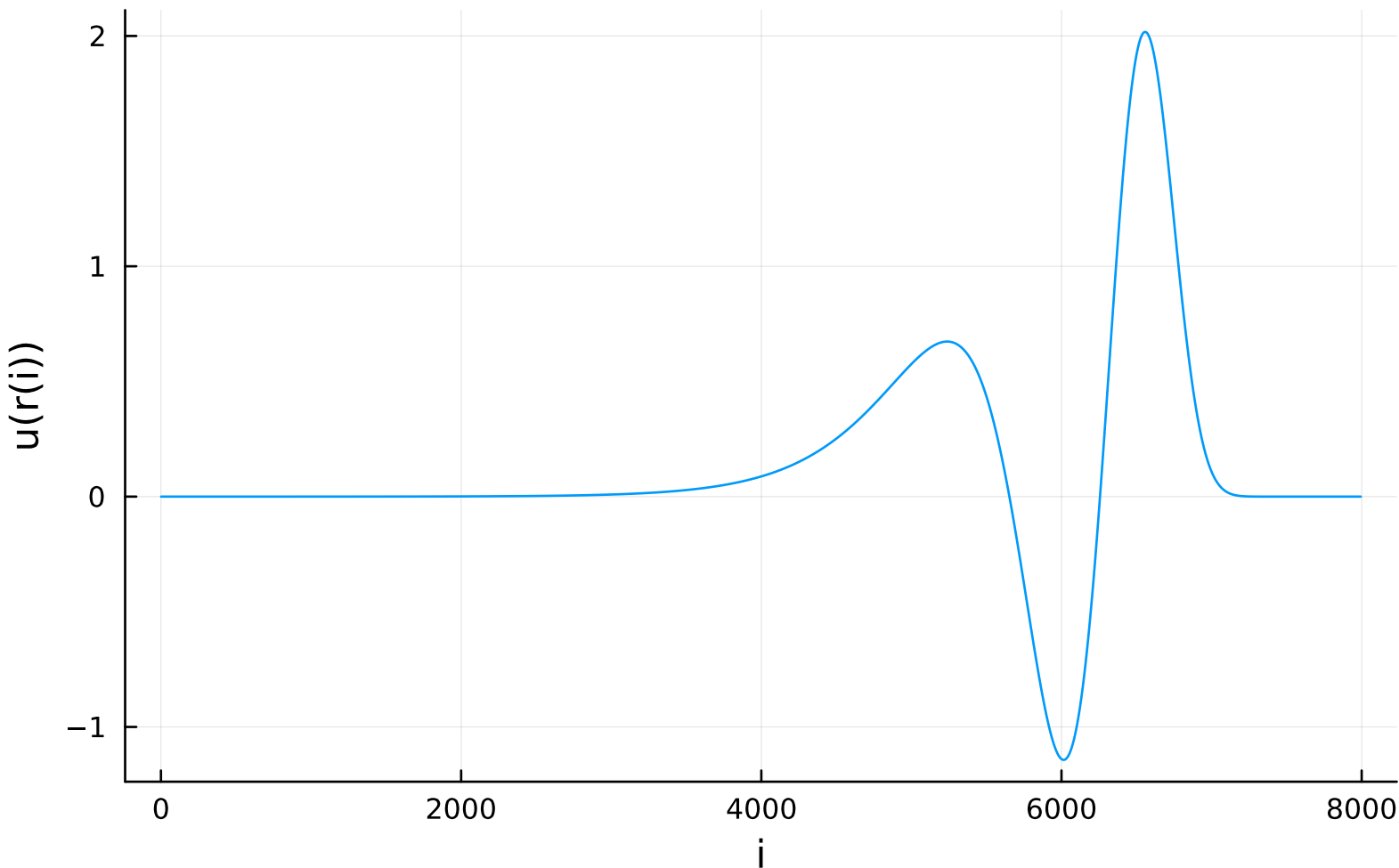
Orbital 2s eigen energy -183.2884



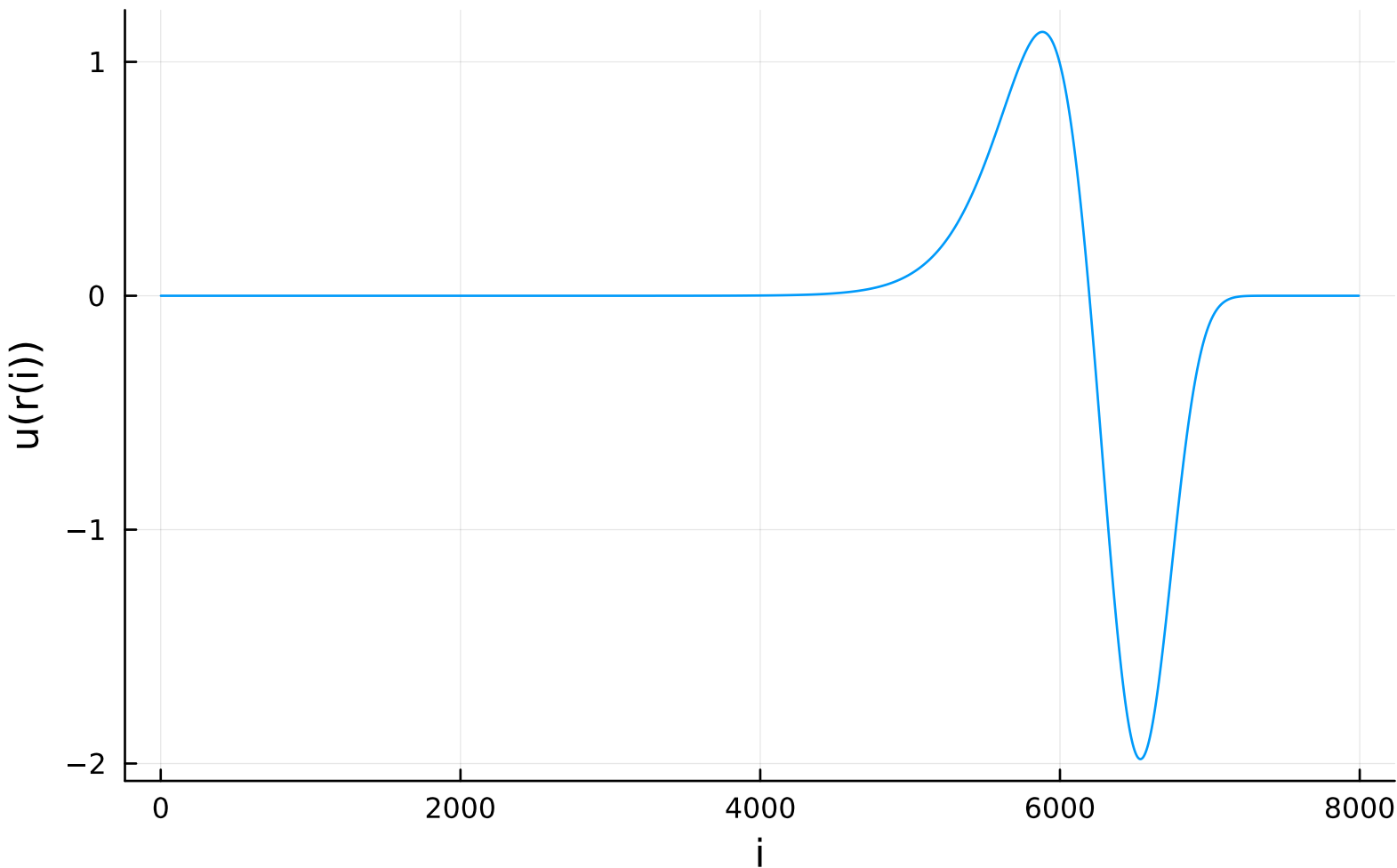
Orbital 2p eigen energy -172.5603



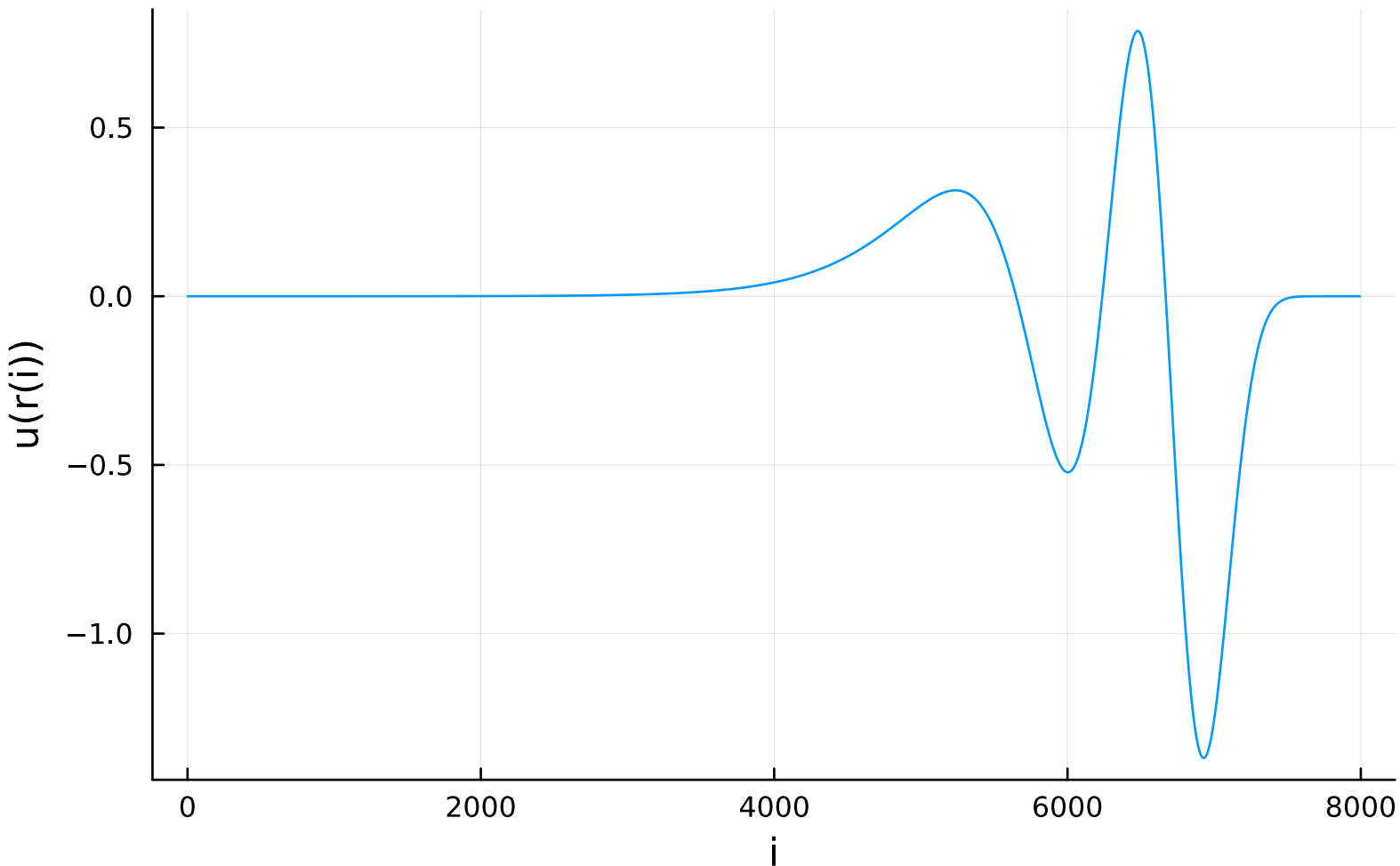
Orbital 3s eigen energy -37.3769



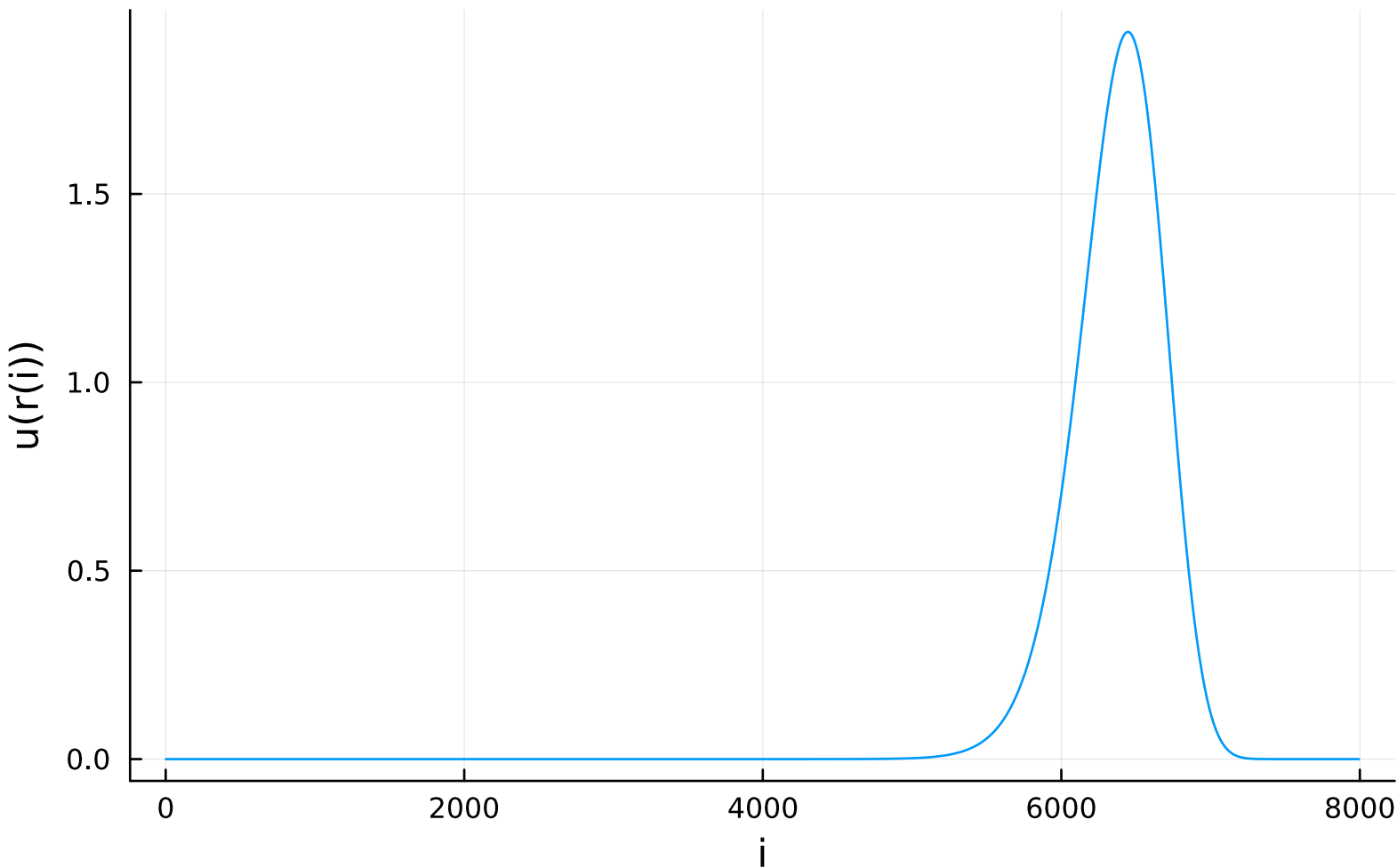
Orbital 3p eigen energy -32.8285



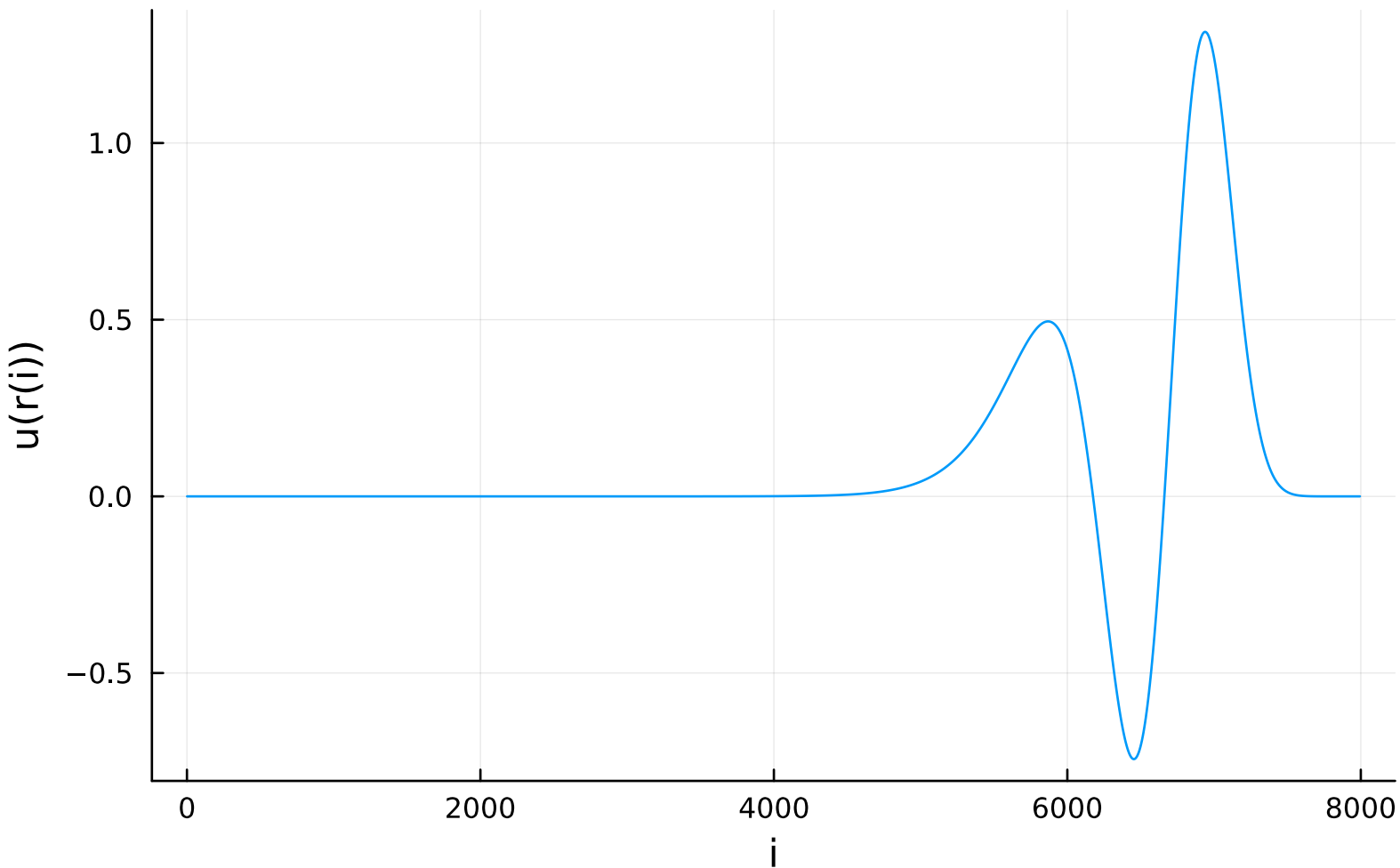
Orbital 4s eigen energy -6.6410



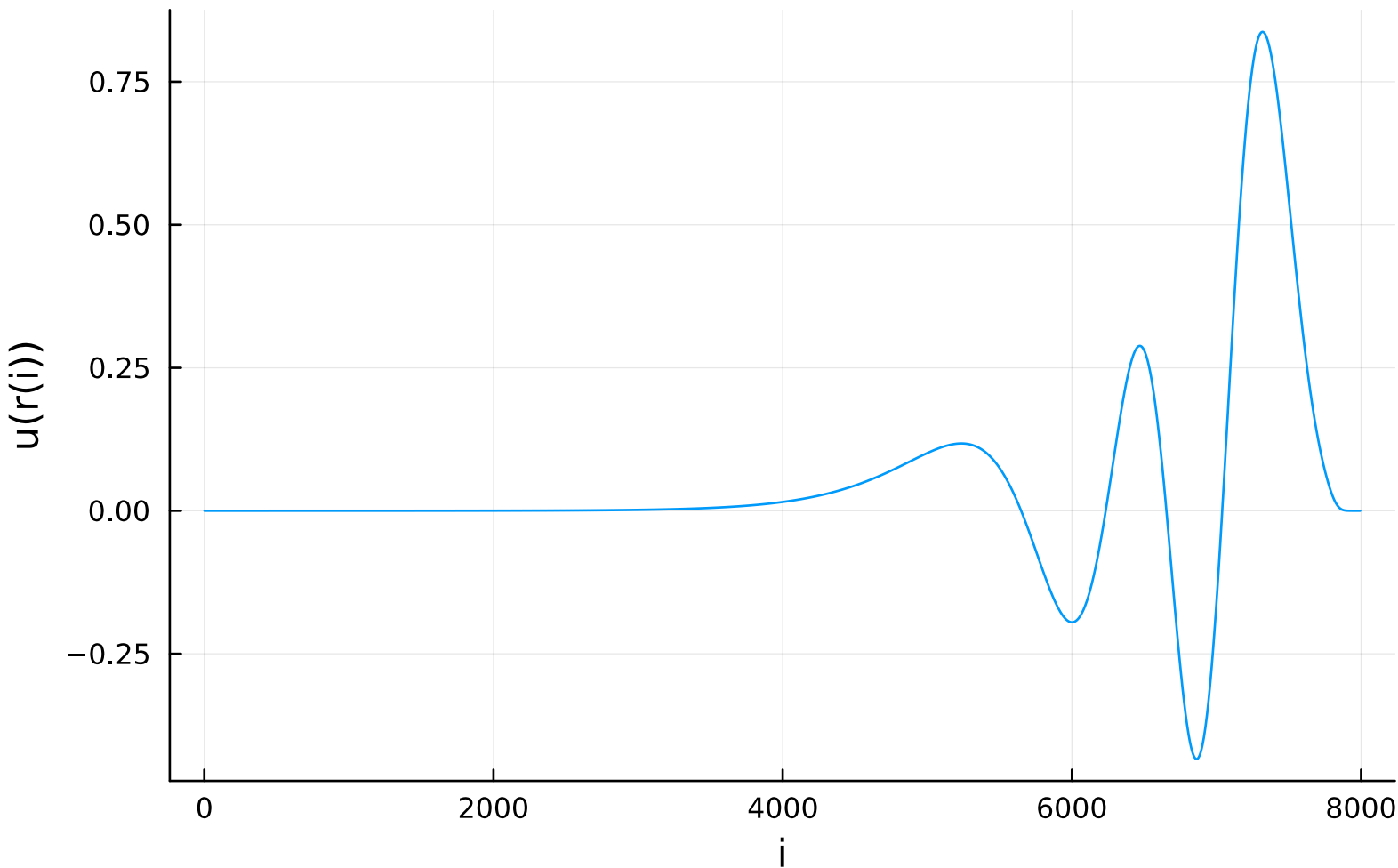
Orbital 3d eigen energy -24.3396



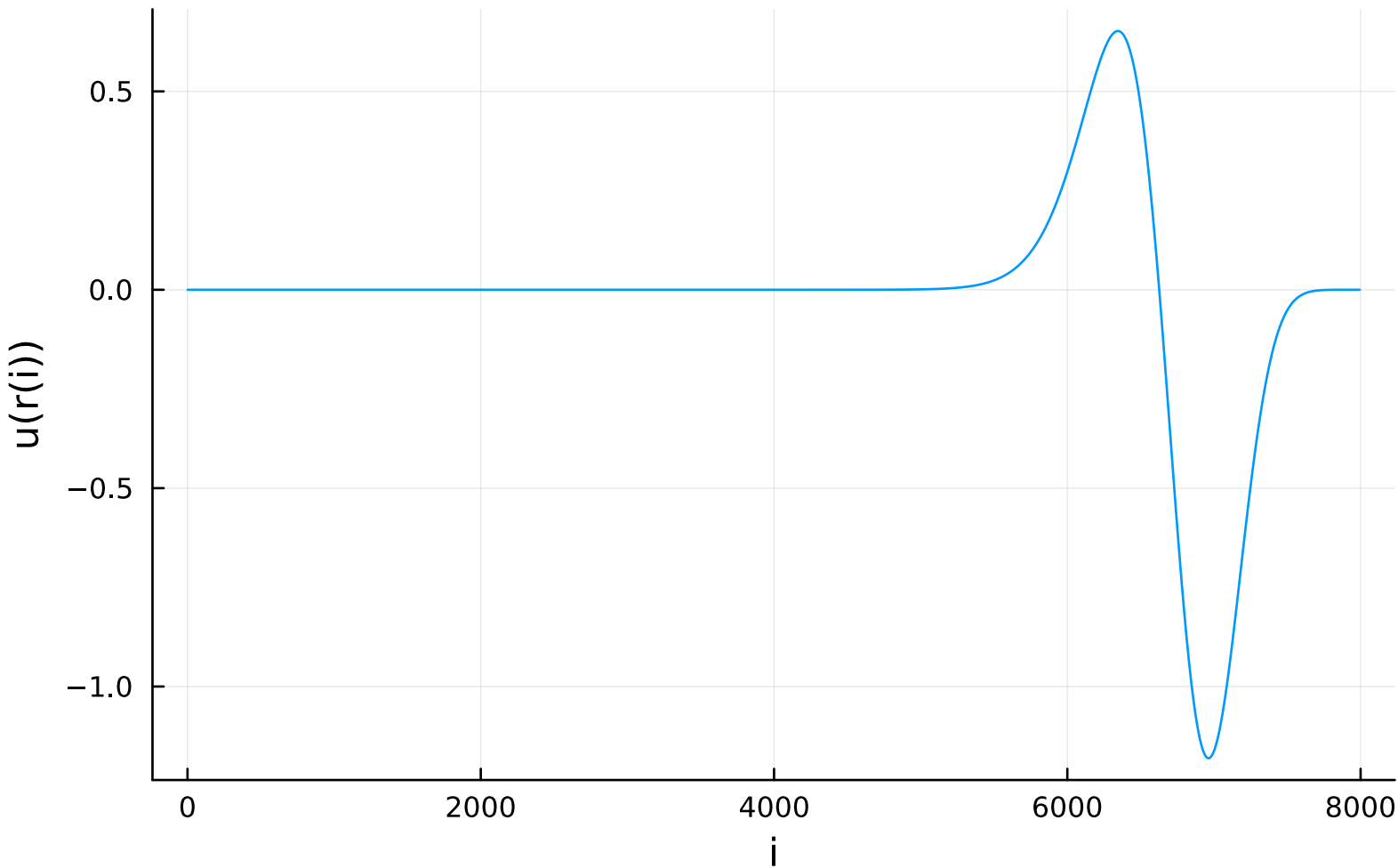
Orbital 4p eigen energy -5.0266



Orbital 5s eigen energy -0.6438



Orbital 4d eigen energy -2.2499



Orbital 5p eigen energy -0.2803

