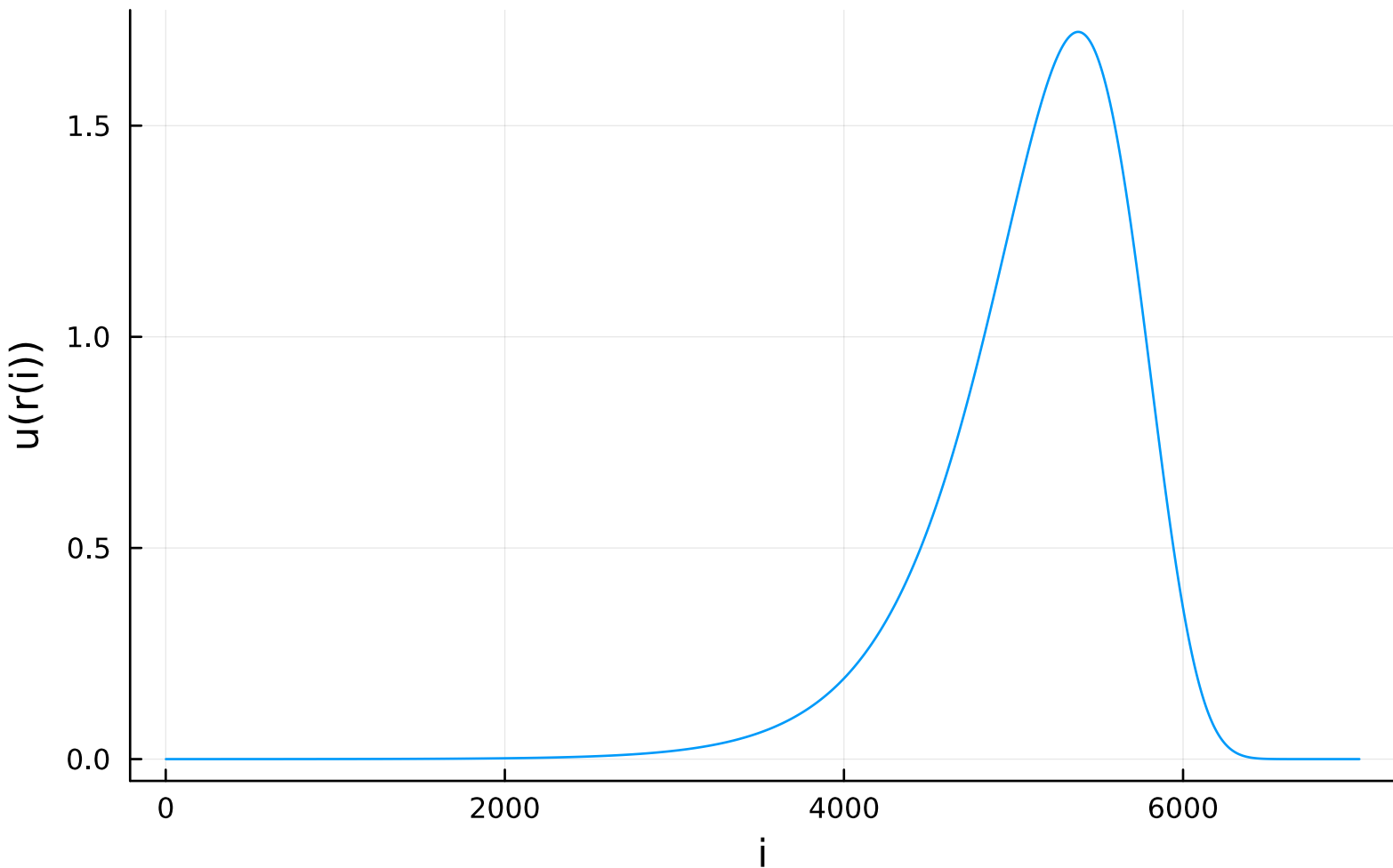
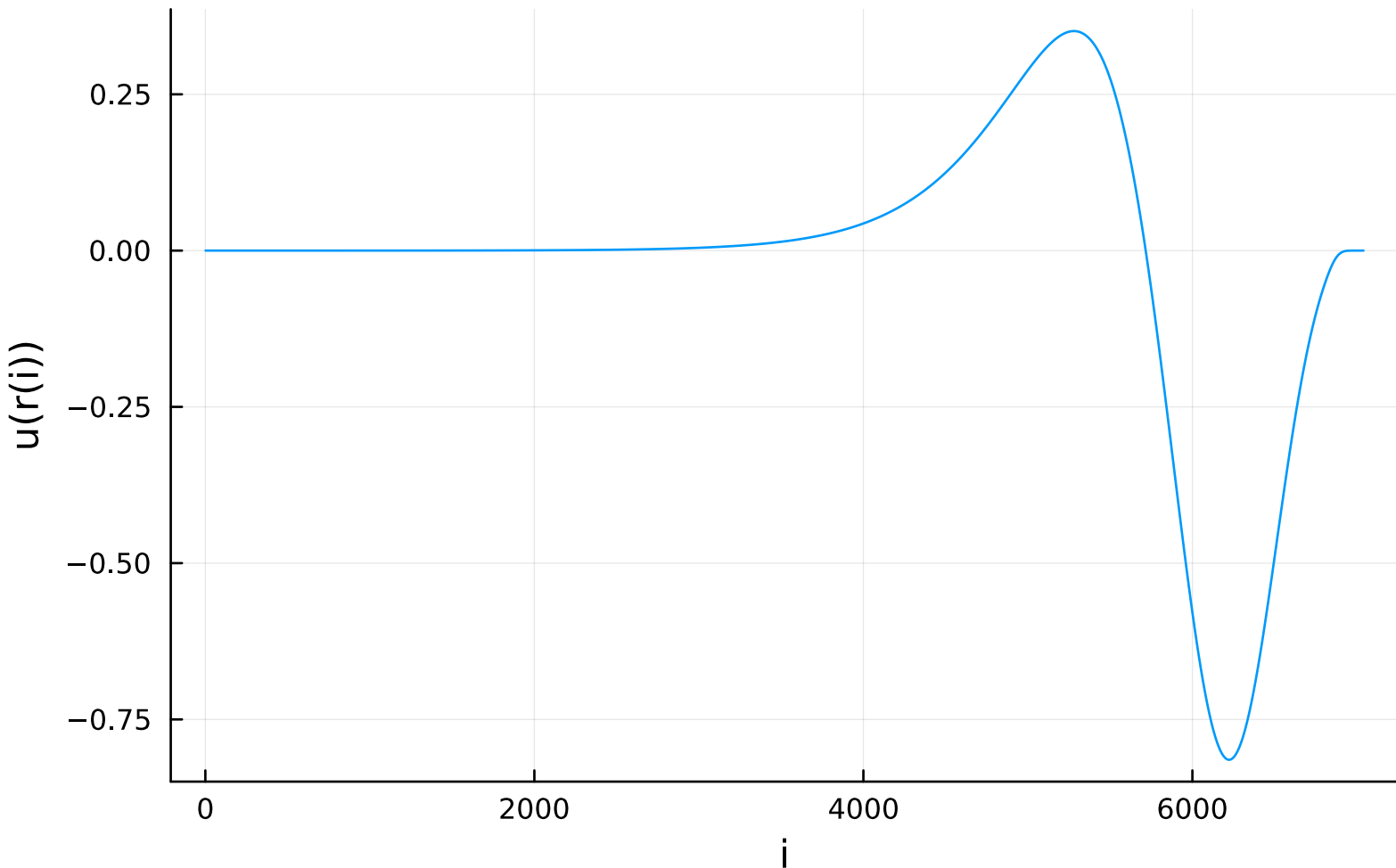


Carbon	E in Hartree			
Name	E NIST	E pred	$ \Delta E $	$ \Delta E /E$ NIST
Ecoul	17.627997	17.756045	0.128048	0.007264
Etot	-37.425749	-37.415835	0.009914	-0.000265
2s	-0.500866	-0.485581	0.015285	-0.030517
Exc	-4.728724	-4.749600	0.020876	-0.004415
Ekin	37.190391	37.255642	0.065251	0.001755
2p	-0.199186	-0.181088	0.018098	-0.090859
1s	-9.947718	-9.922602	0.025116	-0.002525

Orbital 1s eigen energy -9.9226



Orbital 2s eigen energy -0.4856



Orbital 2p eigen energy -0.1811

