a (a.u.)	N_θ	$\xi(\rho = 10$ a.u.)	$\xi(100$ a.u.)	$\xi(1000$ a.u.)	$\xi(5000$ a.u.)	$\xi(10000$ a.u.)
a_1	40	3.77527814	−2.60368386	−1.13917612	−1.03381510	−1.01875934
a_1	60	3.77527815	−2.60368387	−1.13917795	−1.03402416	−1.01912287
a_1	80	3.77527829	−2.60368372	−1.13917758	−1.03402814	−1.01913548
a_1	100	3.77530687	−2.60367682	−1.13917744	−1.03405123	−1.01907622
a_2	40	3.77526187	−2.60416379	−1.14059416	−1.04035561	−1.03170806
a_2	60	3.77526187	−2.60416379	−1.14058505	−1.04056429	−1.03207319
a_2	80	3.77526202	−2.60416364	−1.14059531	−1.04056828	−1.03208588
a_2	100	3.77526910	−2.60416170	−1.14059544	−1.04056460	−1.03224690

a (a.u.)	N_θ	$\xi(14900$ a.u.)	$\xi(15000$ a.u.)	$\xi(16000$ a.u.)	$\xi(18000$ a.u.)	$\xi(20000$ a.u.)
a_1	40	−1.01212794	−1.01201907	−1.01096344	−1.00898721	−1.00713887
a_1	60	−1.01250002	−1.01239205	−1.01134995	−1.00943386	−1.00768456
a_1	80	−1.01251258	−1.01240463	−1.01136253	−1.00944703	−1.00770029
a_1	100	−1.01252039	−1.01240591	−1.01136323	−1.00944484	−1.00769736
a_2	40	−1.03136024	−1.03137963	−1.03160655	−1.03219548	−1.03291215
a_2	60	−1.03173469	−1.03175499	−1.03199569	−1.03264544	−1.03346237
a_2	80	−1.03174732	−1.03176769	−1.03200835	−1.03265878	−1.03347809
a_2	100	−1.03174824	−1.03176640	−1.03200773	−1.03265632	−1.03347886