

$q^2$	$N = 1$	$N = 2$	$N = 3$	$N = 4$	$N = 5$	$N = 6$	$N = 7$
0.0001	-2823.4819366103366	-2823.462027611958	-2823.461961376438	-2823.4619613411096	-2823.461961341108	-2823.461961341108	-2823.461961341108
0.001	-284.62463282939365	-284.6047020691979	-284.604635767963	-284.6046357326015	-284.6046357325984	-284.6046357325984	-284.6046357325984
0.01	-30.69733029691626	-30.677180562986997	-30.67711360104372	-30.677113565343284	-30.677113565340413	-30.677113565340413	-30.677113565340413
0.05	-7.938264051593352	-7.917110624834546	-7.917040645109459	-7.917040607863919	-7.917040607860914	-7.917040607860914	-7.917040607860914
0.2	-2.903657743000595	-2.8782564162362263	-2.8781738449510454	-2.878173801289056	-2.8781738012855542	-2.8781738012855542	-2.8781738012855542
0.5	0.27514930732744675	0.3119103744427643	0.3120254192546042	0.3120254792708131	0.31202547927559793	0.31202547927559793	0.31202547927559793
0.8	6.876522986600264	6.930018639080421	6.93017909724348	6.930179179767413	6.930179179773949	6.930179179773949	6.930179179773949
0.99	168.7816429946179	168.84971075248134	168.84990896256897	168.84990906355367	168.84990906356163	168.84990906356163	168.84990906356163
1.01	-169.60272859209388	-169.5329012098245	-169.53269853637067	-169.53269843321624	-169.53269843320817	-169.53269843320817	-169.53269843320817
1.3	-3.6440394066183917	-3.5425441671310587	-3.542264082295482	-3.5422639418721555	-3.542263941861174	-3.542263941861174	-3.542263941861174
1.7	7.491236718147713	7.663670633591873	7.664109086930292	7.664109301935745	7.66410930195241	7.66410930195241	7.66410930195241
1.99	336.74644737774986	337.0030254133495	337.0036331312177	337.00363342415164	337.00363342417376	337.00363342417376	337.00363342417376
2.01	-340.1435435073108	-339.8797049693816	-339.87908338246274	-339.8790830832087	-339.8790830831862	-339.8790830831862	-339.8790830831862
2.3	-10.712186439621199	-10.31329863454236	-10.312435781718989	-10.312435373832816	-10.312435373801723	-10.31243537380172	-10.31243537380172
2.7	1.6838856592510776	2.4146903888304267	2.4160502773881563	2.416050903050489	2.4160509030977115	2.4160509030977115	2.4160509030977115
2.9	18.645616544596855	19.657546520030394	19.659255784808344	19.65925655993021	19.659256559988428	19.659256559988428	19.659256559988428