

η	Velocity Profile $v/u(x)$					
	$\beta = -0.19884$	$\beta = -0.18$	$\beta = 0$	$\beta = 0.3$	$\beta = 1$	$\beta = 2$
0	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
0.1	0.00099	0.01376	0.04696	0.07598	0.11827	0.15876
0.2	0.00398	0.02933	0.09391	0.14894	0.22661	0.29794
0.3	0.00895	0.04668	0.14081	0.21886	0.32524	0.41854
0.4	0.01591	0.06582	0.18761	0.28569	0.41446	0.52191
0.5	0.02485	0.08673	0.23423	0.34939	0.49465	0.60964
0.6	0.03578	0.10938	0.28058	0.40988	0.56628	0.68343
0.7	0.04868	0.13373	0.32653	0.46713	0.62986	0.74497
0.8	0.06355	0.15975	0.37196	0.52107	0.68594	0.79588
0.9	0.08038	0.18737	0.41672	0.57167	0.73508	0.83767
1	0.09914	0.21652	0.46063	0.61890	0.77787	0.87173
1.1	0.11980	0.24709	0.50353	0.66275	0.81488	0.89929
1.2	0.14232	0.27900	0.54525	0.70323	0.84667	0.92143
1.3	0.16665	0.31209	0.58559	0.74038	0.87381	0.93909
1.4	0.19274	0.34622	0.62439	0.77425	0.89681	0.95309
1.5	0.22049	0.38123	0.66147	0.80494	0.91617	0.96410
1.6	0.24982	0.41691	0.69670	0.83255	0.93235	0.97271
1.7	0.28061	0.45307	0.72993	0.85721	0.94578	0.97940
1.8	0.31272	0.48947	0.76106	0.87907	0.95684	0.98455
1.9	0.34599	0.52588	0.79000	0.89830	0.96588	0.98850
2	0.38026	0.56206	0.81669	0.91509	0.97323	0.99150
2.1	0.41532	0.59775	0.84113	0.92963	0.97914	0.99377
2.2	0.45097	0.63270	0.86330	0.94212	0.98386	0.99547
2.3	0.48697	0.66666	0.88326	0.95276	0.98761	0.99674
2.4	0.52308	0.69942	0.90107	0.96174	0.99056	0.99768
2.5	0.55904	0.73076	0.91681	0.96925	0.99287	0.99837
2.6	0.59460	0.76048	0.93060	0.97549	0.99465	0.99888
2.7	0.62950	0.78844	0.94258	0.98062	0.99602	0.99926
2.8	0.66348	0.81450	0.95288	0.98481	0.99706	0.99953
2.9	0.69631	0.83858	0.96165	0.98819	0.99785	0.99973
3	0.72776	0.86061	0.96905	0.99089	0.99845	0.99987
3.1	0.75765	0.88059	0.97524	0.99304	0.99889	0.99998
3.2	0.78579	0.89854	0.98036	0.99472	0.99921	1.00007
3.3	0.81206	0.91450	0.98456	0.99604	0.99945	1.00013
3.4	0.83635	0.92855	0.98797	0.99705	0.99962	1.00019
3.5	0.85862	0.94080	0.99071	0.99783	0.99975	1.00024
3.6	0.87882	0.95138	0.99289	0.99841	0.99983	1.00028
3.7	0.89699	0.96041	0.99460	0.99885	0.99990	1.00032
3.8	0.91315	0.96806	0.99594	0.99918	0.99994	1.00036
3.9	0.92740	0.97445	0.99698	0.99942	0.99998	1.00040
4	0.93983	0.97975	0.99777	0.99959	1.00000	1.00045
4.1	0.95056	0.98410	0.99837	0.99972	1.00001	1.00049
4.2	0.95974	0.98763	0.99882	0.99981	1.00003	1.00054
4.3	0.96751	0.99046	0.99915	0.99988	1.00003	1.00059
4.4	0.97401	0.99272	0.99940	0.99992	1.00004	1.00065
4.5	0.97940	0.99449	0.99957	0.99995	1.00005	1.00071
4.6	0.98382	0.99587	0.99970	0.99998	1.00005	1.00077
4.7	0.98741	0.99693	0.99979	0.99999	1.00005	1.00084
4.8	0.99030	0.99774	0.99986	1.00000	1.00006	1.00091
4.9	0.99259	0.99836	0.99990	1.00001	1.00006	1.00098
5	0.99439	0.99881	0.99994	1.00001	1.00006	1.00106