

	o		2		3		4		5		8		9
M		0.8	0.5				1				1	1.824498999	
P		30000	38551.43574							94543.08613		30000	
T		230	247.0857143	612.7271723	1011.1111111	1011.1111111	778.6321183	560.9204949					
Pt		45730.20029	45730.20029	719884.8129	719884.8129	178963.3645	178963.3645	178963.3645					
Tt		259.44	259.44	625.081458	1300	934.358542	934.358542	934.358542					
r		0.456065673	0.545540361	0	0	0	0.424552524	0.187005299					
a		303.4666374	314.5363572	495.3140012	636.2773679	636.2773679	558.3585767	473.9119815					
U		242.7733099	157.2681786	0	636.2773679		558.3585767	864.6519359					
mdotcorrected			35		4.976927847		16.97248073						
mdot		16.46305094	16.46305094	16.46305094	16.46305094	16.46305094	16.46305094						