Stage	Section	Element	Type	Parameter	Value	Unit	Comment
1	Source	Source	Parameterised TNSA	Wavelength	0.8	um	Laser wavelength
1	Source	Source	Parameterised TNSA	Power	2.50E+14	W	Laser power
1	Source	Source	Parameterised TNSA	r0	1.50E-06	m	Radius of laser spot
1	Source	Source	Parameterised TNSA	Duration	2.8E-14	s	Laser pulse duration
1	Source	Source	Parameterised TNSA	Te	2.5	MeV	Hot electron temperature
1	Source	Source	Parameterised TNSA	Kmin	1	MeV	Minimum of energy distribution
1	Source	Source	Parameterised TNSA	Kmax	15	MeV	Maximum of energy distribution
1	Source	Source	Parameterised TNSA	Thickness	4.00E-07	m	Target thickness
1	Source	Source	Parameterised TNSA	DivAngle	25	degrees	Electron divergence angle
1	Source	Source	Parameterised TNSA	SigmaThetaS(	20	degrees	Intercept of dependence of RMS theta_S on KE
1	Source	Source	Parameterised TNSA	SlopeThetaS	1.50E+01	degrees	Scaled slope of dependence of RMS theta_S on KE
1	Source	Source	Parameterised TNSA	rpmax	-9999		Max r prime
1	Source	Source	Parameterised TNSA	SourceMode	1		Gaussian kinetic energy
1	Source	Source	Parameterised TNSA	SigmaX	4.00E-06	m	Gaussian width, x
1	Source	Source	Parameterised TNSA	SigmaY	4.00E-06	m	Gaussian width, y
1	Source	Source	Parameterised TNSA	MeanEnergy	15	MeV	Mean of guassian kinetic energy
1	Source	Source	Parameterised TNSA	SigmaEnergy	0.3	MeV	Sigma of guassian kinetic energy
1	Source	Source	Parameterised TNSA	MinCTheta	0.998		Minimum theta for flat cos theta
1	Source	Source	Flat	SourceMode	2		Gaussian kinetic energy
1	Source	Source	Flat	SigmaX	4.00E-06	m	Gaussian width, x
1	Source	Source	Flat	SigmaY	4.00E-06	m	Gaussian width, y
1	Source	Source	Flat	Emin	1	MeV	Minimum of energy distribution
1	Source	Source	Flat	Emax	25	MeV	Maximum of energy distribution
1	Source	Source	Flat	MinCTheta	0.998		Maximum theta for flat cos theta
1	Source	Source	ReadFromFile	SourceMode	3		Read particles from file