| Stage | Section | Element | Type | Parameter | Value | Unit | Comment |
|---|---|---|---|---|---|---|---|
| 1 | Source | Source | Parameterised TNSA | SourceMode | 0 | | Mode |
| 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 | Emin | 1 | MeV | Minimum of energy distribution |
| 1 | Source | Source | Parameterised TNSA | Emax | 25 | MeV | Maximum of energy distribution |
| 1 | Source | Source | Parameterised TNSA | nPnts | 1000 | | Number of points to sample for integration of PDF |
| 1 | Source | Source | Parameterised TNSA | MinCTheta | 0.998 | | Maximum theta for flat cos theta |
| 1 | Source | Source | Parameterised TNSA | Power | 2.5E+15 | W | Laser power |
| 1 | Source | Source | Parameterised TNSA | Energy | 70 | J | Laser energy |
| 1 | Source | Source | Parameterised TNSA | Wavelength | 0.8 | um | Laser wavelength |
| 1 | Source | Source | Parameterised TNSA | Duration | 2.80E-14 | s | Laser pulse duration |
| 1 | Source | Source | Parameterised TNSA | Thickness | 4.00E-07 | m | Target thickness |
| 1 | Source | Source | Parameterised TNSA | Intensity | 4.00E+20 | W/cm2 | Laser intensity |
| 1 | Source | Source | Parameterised TNSA | DivAngle | 25 | degrees | Electron divergence angle |
| 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 |