

Electron Transport

He 90%

DME 10%

$\Delta V = 2500$ V

$r_0 = 3$ cm

$r_f = 7$ cm

Results:

| initial r (cm) | Delta phi (rad) | Time (microsec) | Delta phi (deg) |
|----------------|-----------------|-----------------|-----------------|
| 3 | 1.017 | 7.102 | 58.270 |
| 3.1 | 0.973 | 6.925 | 55.776 |
| 3.2 | 0.931 | 6.745 | 53.326 |
| 3.3 | 0.900 | 6.718 | 51.566 |
| 3.4 | 0.859 | 6.531 | 49.217 |
| 3.5 | 0.831 | 6.497 | 47.591 |
| 4 | 0.668 | 5.808 | 38.291 |
| 4.5 | 0.525 | 5.030 | 30.087 |
| 5 | 0.397 | 4.166 | 22.757 |
| 5.5 | 0.292 | 3.370 | 16.750 |
| 6 | 0.187 | 2.332 | 10.707 |
| 6.2 | 0.149 | 1.924 | 8.554 |
| 6.4 | 0.113 | 1.502 | 6.472 |
| 6.5 | 0.090 | 1.208 | 5.149 |
| 6.7 | 0.055 | 0.766 | 3.168 |

