Table 2

Relative Yields of Americium Activities in Charged Particle Bombardments

| Projectile | Kinetic Energy | Y | $\left(\frac{A' \text{ 12 hour}}{A' \text{ 50 hour}}\right)$ | $K\left(\frac{\sigma \text{ 12 hour}}{\sigma \text{ 50 hour}}\right)$ |
|---|---|---|---|---|
| $He^{++}$ | 38 Mev | 2.94 | 11.72 | 4.0 |
| | 32 Mev | 3.74 | 21.80 | 5.8 |
| d | 19 Mev | 1.19 | 0.95 | 0.8 |
| | 16 Mev | 2.41 | 2.67 | 1.1 |
| | 13 Mev | 2.83 | 3.48 | 1.2 |