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| **Chapter One Vocabulary** | | |
| **Word** | **Definition** | **Page** |
| Fission | 裂变n | 2 |
| Isotope | 同位素（详见PPT 32）n | 5 |
| Isotone | 同中子异位素（详见PPT 32）n | 5 |
| Isobar | 同量异位素（详见PPT 32）n | 5 |
| Organelle | 细胞器n | 6 |
| Tissue | 组织n | 6 |
| 棉纸，薄纸n | 17 |
| Biosphere | 生物圈n | 6 |
| Geopolitics | 地缘政治学n | 7 |
| Unleash | 释放v | 9 |
| Unanimous | 一致的，无异议的adj | 10 |
| Democritus | 德谟克利特（人名，古希腊哲学家）n | 12 |
| Proportional | 成正比的adj | 14 |
| Plum | 梅子n | 16 |
| Embed | 镶嵌v | 16 |
| Discretely | 离散的adj | 18 |
| Cathode | 阴极n | 20 |
| Silhouette | 阴影，轮廓n | 21 |
| Uranium | 铀n | 22 |
| Radium | 镭n | 22 |
| Polonium | 钋n | 22 |
| Disintegration | 分解n | 25 |
| Enunciate | 阐释，说明v | 25 |
| Deuterium | 氘n | 25 |
| Synthesis | 合成n | 25 |
| Cyclotron | 回旋加速器n | 26 |
| Transuranium | 超铀元素n | 26 |
| Coincidence method | 符合方法 | 27 |
| Scatter | 散射v | 27 |
| Recoilless | 无反冲的adj | 27 |
| Yield | 产生v | 45 |
| Plural | 复数n adj | 52 |
| Solidis | Solidus的复数，斜线n | 53 |
| Prefix | 前缀n | 53 |
| Numerator | 分子n | 53 |
| Vowel | 元音n | 54 |
| Hyphen | 连字符n | 54 |
| Adjacent | 相邻的adj | 54 |
| Triplet | 三位，三个n | 54 |
| Supplementary | 补充的adj | 55 |
| Flux | 流量，通量n | 57 |
| joule | 焦耳n | 62 |
| calorie | 卡路里n | 62 |
| mole | 摩尔n | 62 |
| Solution | 溶液n | 64 |
| Bombardment | 轰击n | 64 |
| Subatomic | 亚原子的adj | 64 |
| Swift | 快速的adj | 65 |
| Lithium | 锂n | 66 |
| Smash | 粉碎v | 66 |
| Endothermic | 吸热的adj | 68 |
| Exothermic | 放热的adj | 68 |
| Spontaneous | 自发的adj | 76 |
| Mutual | 相互的，共同的adj | 87 |
| Transactinide | 超锕元素n | 92 |
| Sodium | 钠n | 93 |
| Hypertension | 高血压n | 93 |
| Radioimmunoassay | 放射免疫检定法n | 93 |
| Astatine | 砹n | 94 |
| Neptunium | 镎n | 95 |
| Plutonium | 钚n | 95 |
| Americium | 镅n | 95 |
| Curium | 锔n | 95 |
| Berkelium | 锫n | 95 |
| Californium | 锎n | 95 |
| Einsteinium | 锿n | 95 |
| Fermium | 镄n | 95 |
| Mendelevium | 钔n | 95 |
| Nobelium | 锘n | 95 |
| Lawrencium | 铹n | 95 |
| Analogous | 相似的adj | 96 |
| Spectra | 能谱，光谱n | 98 |
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