

# Excited Energy..Ver.10

## 1 $^{27}\text{Al}$ target

Table.1  $^{27}\text{Al}(\text{d}, \text{d})^{27}\text{Al}$

	Excited Energy	data	Table of Isotopes
1st	$0.739 \pm 0.050$	9	0.848
2nd	$0.919 \pm 0.055$	10	1.014
3rd	$2.105 \pm 0.065$	11	2.211
4th	$2.602 \pm 0.055$	8	2.735
5th	$2.895 \pm 0.055$	10	2.982

## 2 $\text{CH}_2$ target

Table.2  $^{12}\text{C}(\text{d}, \text{p})^{13}\text{C}$

	Excited Energy	data	Table of Isotopes
1st	$3.073 \pm 0.039$	13	3.089
2nd	$3.648 \pm 0.032$	13	3.685
3rd	$3.824 \pm 0.037$	13	3.854
4th	$6.813 \pm 0.059$	12	6.864
5th	$7.452 \pm 0.093$	11	7.492
6th	$7.533 \pm 0.023$	4	7.547

### 3 $^{13}\text{C}$ target

Table.3  $^{13}\text{C}(\text{d}, \text{p})^{14}\text{C}$

	Excited Energy	data	Table of Isotopes
1st	$6.055 \pm 0.041$	14	6.094
3rd	$6.686 \pm 0.039$	14	6.728
4th	$6.857 \pm 0.041$	14	6.903
5th	$6.957 \pm 0.055$	6	7.012
6th	$7.292 \pm 0.037$	14	7.341
7th	$8.206 \pm 0.103$	2	8.318

### 4 melamine target

Table.4  $^{14}\text{N}(\text{d}, \text{p})^{15}\text{N}$

	Excited Energy	data	Table of Isotopes
1st	$5.142 \pm 0.016$	7	5.270
2nd	$5.188 \pm 0.025$	6	5.299
3rd	$6.392 \pm 0.171$	8	6.324
4th	$6.987 \pm 0.041$	14	7.155
5th	$7.126 \pm 0.043$	14	7.301
6th	$7.403 \pm 0.035$	14	7.567
7th	$8.156 \pm 0.035$	10	8.313
8th	$8.411 \pm 0.059$	3	8.571
9th	8.915	1	9.050
10th	$9.019 \pm 0.037$	2	9.152
13th(14?)	$9.751 \pm 0.020$	5	9.829

Table.5  $^{12}\text{C}(\text{d},\text{p})^{13}\text{C}$ 

	Excited Energy	data	Table of Isotopes
1st	$2.908 \pm 0.037$	13	3.089
2nd	$3.479 \pm 0.042$	6	3.685
3rd	$3.646 \pm 0.043$	14	3.854
4th	$6.603 \pm 0.031$	8	6.864
5th	$7.203 \pm 0.018$	7	7.492
7th	7.371	1	7.686