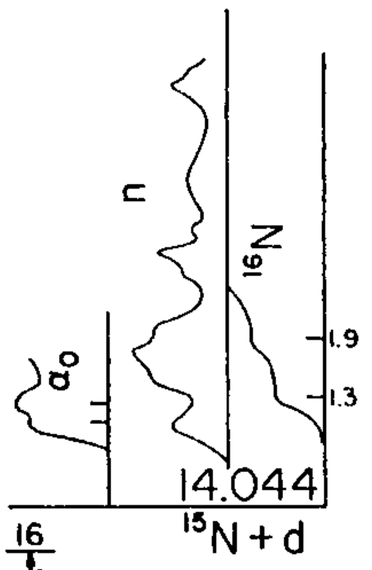
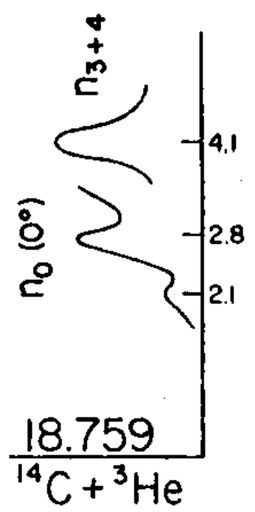
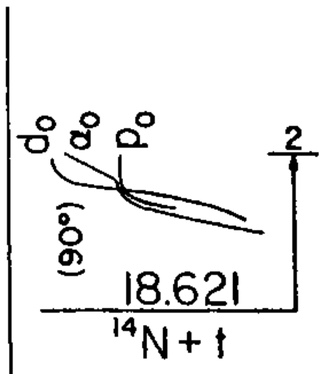
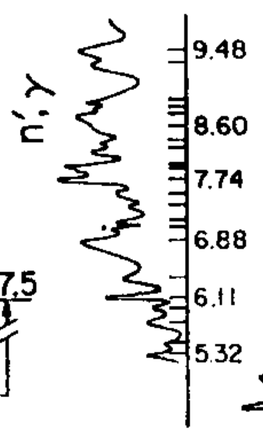
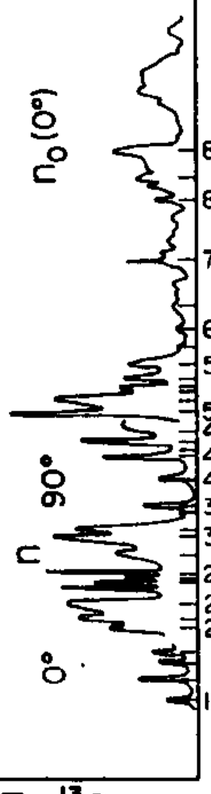
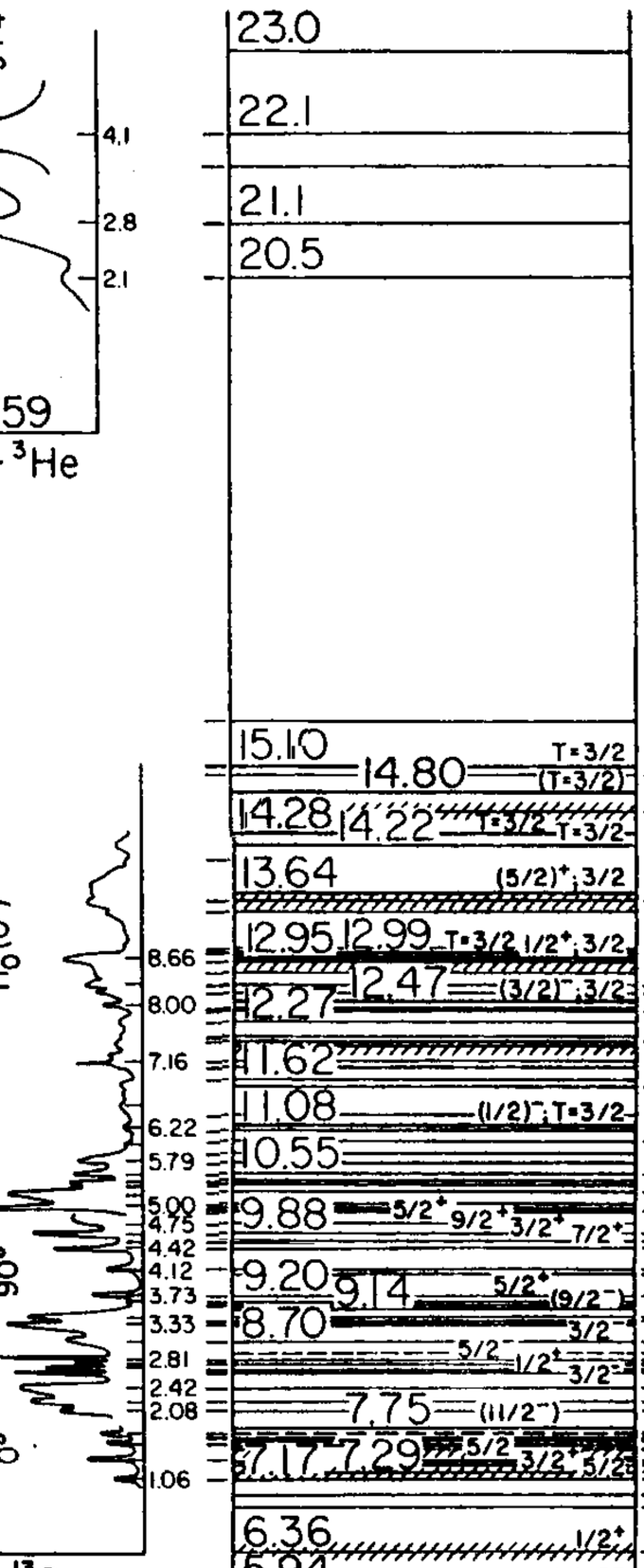

n
^{16}N
α_0
1.9
1.3
14.044
^{15}N+d
16
12.532
^{18}O+^{3}He−α


n_{3+4}
n_0 (0°)
4.1
2.8
2.1
18.759
^{14}C+^{3}He

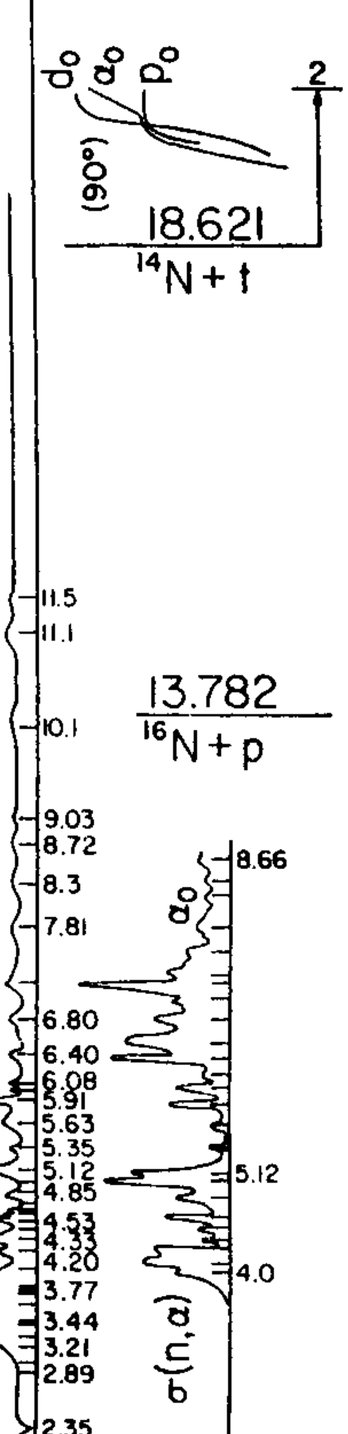

d_0
α_0
p_0
2
(90°)
18.621
^{14}N+t


n; γ
9.48
8.60
7.74
6.88
6.11
5.32
α_0(169.6°)

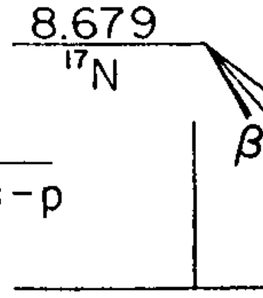

n_0(0°)
n
90°
0°
8.66
8.00
7.16
6.22
5.79
5.00
4.75
4.42
4.12
3.73
3.33
2.81
2.42
2.08
1.06


23.0
22.1
21.1
20.5
15.10
14.80 T=3/2 (T=3/2)
14.28 14.22 T=3/2 T=3/2
13.64 (5/2)+; 3/2
12.95 12.99 T=3/2 1/2+; 3/2
12.27 12.47 (3/2)−; 3/2
11.62
11.08 (1/2)−; T=3/2
10.55
9.88 5/2+ 9/2+ 3/2+ 7/2+
9.20 9.14 5/2+ (9/2−)
8.70 3/2−
5/2− 1/2+ 3/2−
7.75 (11/2−)
7.17 7.29 5/2 3/2+ 5/2
6.36 1/2+
5.94 1/2+ 3/2+ 1/2− 7/2−
5.08 5.22 5.38 3/2− 3/2+
4.554 3/2−
3.841 5/2−
3.055 1/2−
0.8708 1/2+
J^π = 5/2+
^{17}O
-5/2−
7/2+
-5/2+
3/2+
-1/2−
7/2−
0.95
0.005
0.026
0.010

σ(n,n')($\gamma_{6.1}$)
9.34
6.83
σ_t


11.5
11.1
10.1
9.03
8.72
8.3
7.81
6.80
6.40
6.08
5.91
5.63
5.35
5.12
4.85
4.53
4.33
4.20
3.77
3.44
3.21
2.89
2.35
1.91
1.83
1.65
1.31
1.00
0.44
σ(n,α)
8.66
5.12
4.0

27.5
10.033
^{19}F+d−α


20
7.607
^{12}C+^{6}Li−p

8.679
^{17}N
β−

6.357
^{13}C+α

4.143
^{16}O+n

n

18
4.885
^{13}C+^{6}Li−d

18
8.550
^{15}N+^{3}He−p

17
3.890
^{13}C+^{7}Li−t

24.4
2.579
^{12}C+^{7}Li−d

26.3
1.918
^{16}O+d−p

2.760 ^{17}F
$2m_0c^2$
β+

14.2
−0.587
^{20}Ne+n−α

33.3
−1.193
^{14}N+α−p

5.5
−2.115
^{16}O+t−d

48
−9.803
^{15}N+α−d

8.1
−1.819
^{14}C+α−n

20
−1.789
^{18}O+d−t

18.2
−5.822
^{18}O+p−d

46
−8.321
^{19}F+p−^{3}He

12.70