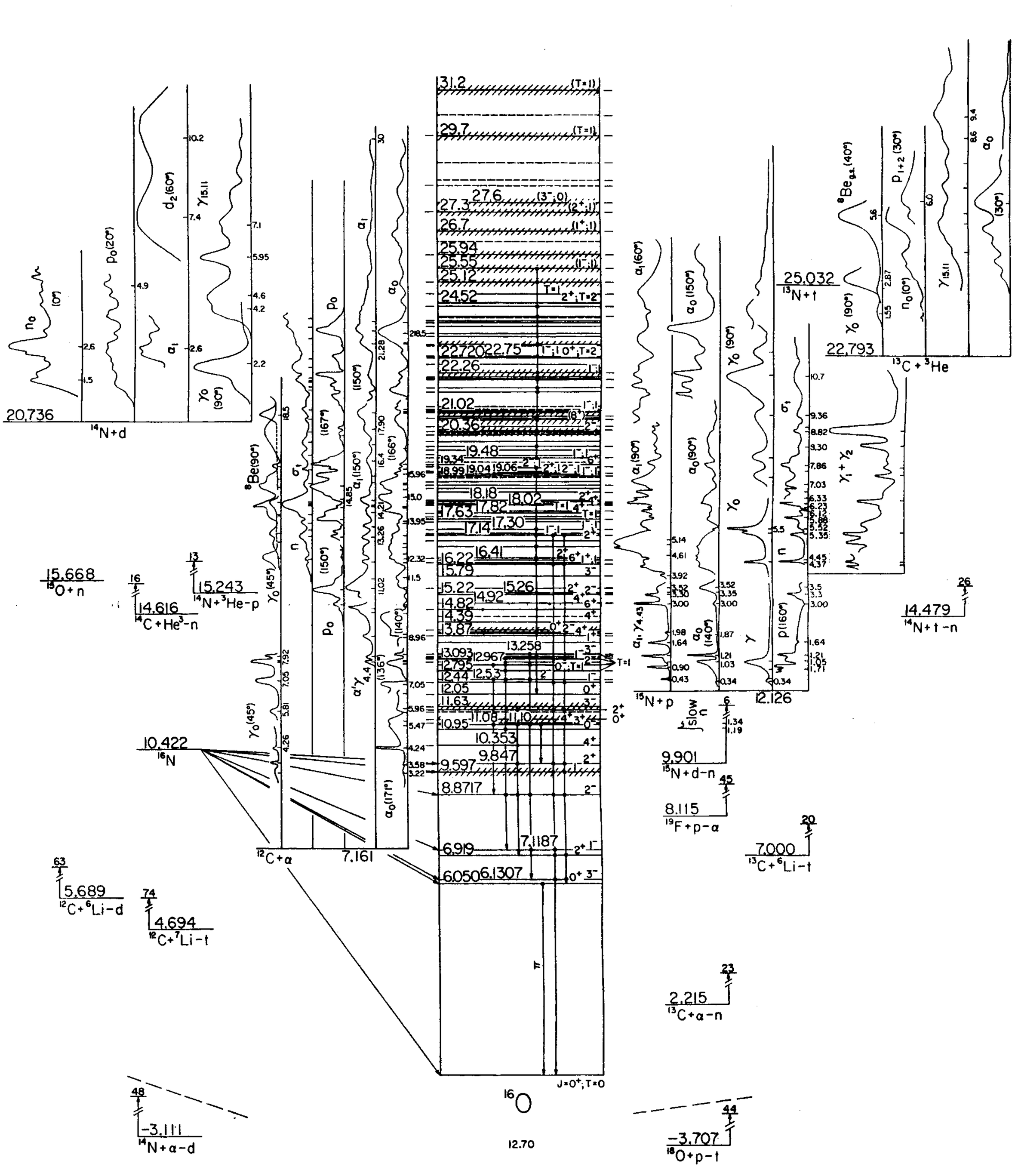
20.736
14N+d
n0 (0°)
p0(20°)
d2(60°)
a1
γ15.11
γ0 (90°)
2.6
1.5
4.9
2.6
10.2
7.4
7.1
5.95
4.6
4.2
2.2
15.668
15O+n
14.616
14C+He3-n
15.243
14N+3He-p
8Be(90°)
γ0(45°)
σ1
n
(167°)
p0
(150°)
α1
α0
α'γ4.4
(136°)
(140°)
(166°)
18.5
17.90
21.28
30
14.85
16.4
14.21
13.26
14.02
7.92
7.05
5.81
4.26
5.96
5.0
3.95
2.32
1.5
8.96
7.05
5.47
4.24
3.58
3.22
218.5
31.2 (T=1)
29.7 (T=1)
27.6 (3-;0)
27.3 (2+;1)
26.7 (1+;1)
25.94
25.55 (1-;1)
25.12
24.52
T=1 2+;T=2
22702 22.75 1-;1 0+;T=2
22.26 1-;1
21.02 1-;1
(8+)
20.36 2-
19.48 1-;1
19.34 6+
18.99 19.04 19.06 2- 2+;1 2-;1 1-;1
18.18 2+
18.02 T=1 4+
17.82 4+;T=1
17.63
17.30 1-;1
17.14 2+;1
16.41 2+ 6+ 1+;1
16.22
15.79 3-
15.26 2+ 2-
15.22
14.92 4+ 6+
14.82
14.39 4+
13.87 0+ 2- 4+ 1+;1
13.258
13.093 12.967 1-;1 3- 2-;1
12.795 0-;T=1
12.53 2-
12.44 1-
12.05 0+
11.63 3-
11.08 11.10 4+ 3+;1
10.95 0-
10.353 4+
9.847 2+
9.597 1-;1
8.8717 2-
7.1187 2+;1
6.919
6.050 6.1307 0+ 3-
T=1
T=1
J=0+;T=0
16O
12.70
10.422
16N
12C+α
7.161
5.689
12C+6Li-d
63
74
4.694
12C+7Li-t
48
-3.111
14N+α-d
α1(60°)
α0 (150°)
γ0 (90°)
α1(90°)
α0(90°)
γ0
α1, γ4.43
α0 (140°)
γ
n
p (160°)
5.14
4.61
3.92
3.52
3.30
3.00
1.98
1.64
0.90
0.43
3.52
3.35
3.00
1.87
1.21
1.03
0.34
3.5
3.3
3.00
1.64
1.21
1.05
1.71
0.34
15N+p
12.126
slow n
6
1.34
1.19
9.901
15N+d-n
45
8.115
19F+p-α
20
7.000
13C+6Li-t
25.032
13N+1
8Be g.s. (40°)
p1+2 (30°)
n0 (0°)
γ15.11
α0
(30°)
γ0 (90°)
5.6
2.87
1.55
6.0
9.4
8.6
22.793
13C + 3He
σ1
γ1 + γ2
10.7
9.36
8.82
9.30
7.86
7.03
6.33
6.23
6.12
5.88
5.52
5.35
5.5
4.45
4.37
26
14.479
14N+t-n
23
2.215
13C+α-n
44
-3.707
18O+p-t