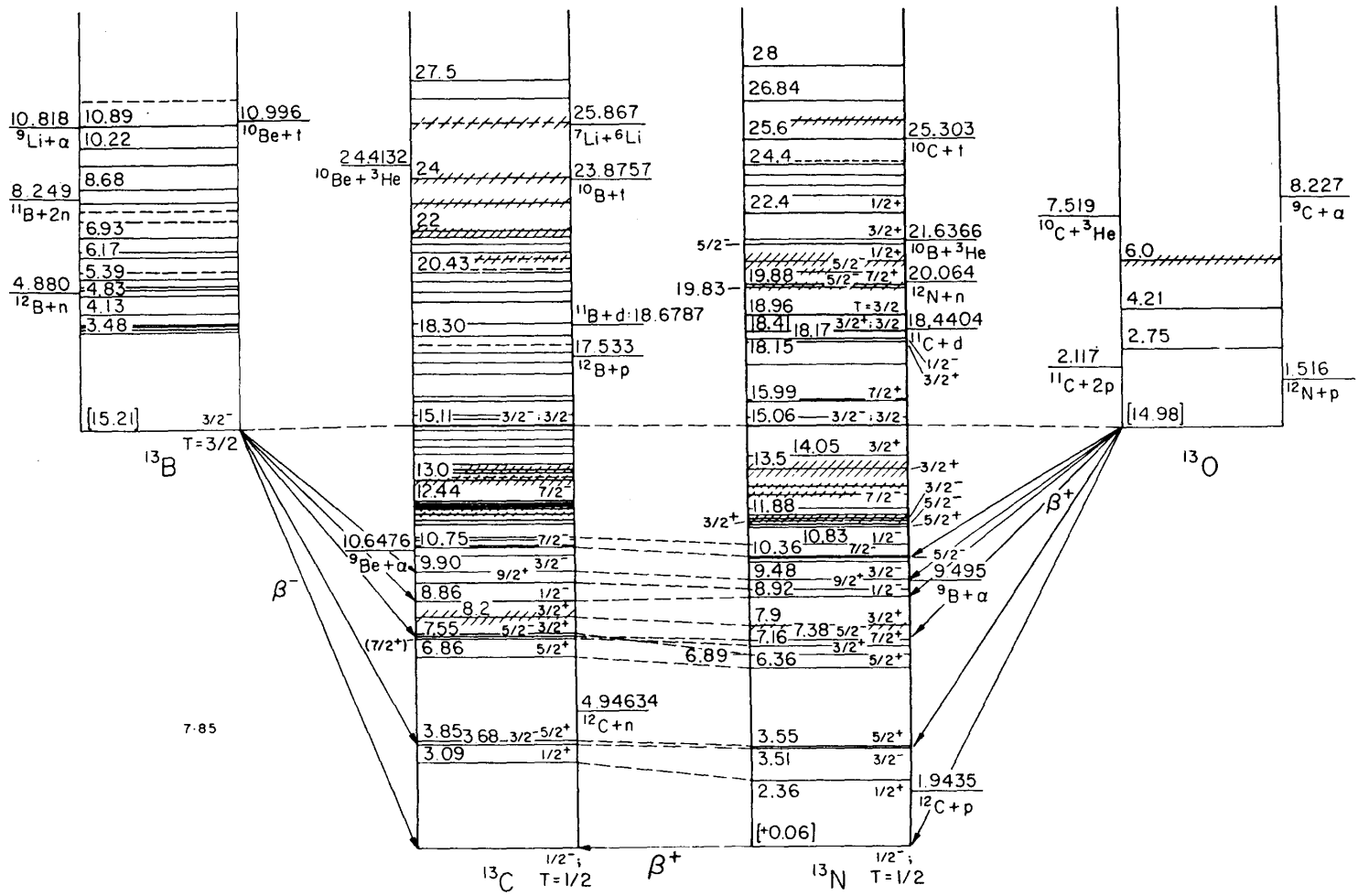
10.818
9Li+α
10.89
10.22
8.249
11B+2n
8.68
6.93
6.17
5.39
4.880
12B+n
4.83
4.13
3.48
[15.21]
3/2−
T=3/2
13B
10.996
10Be+t
24.4132
10Be+3He
27.5
24
22
20.43
18.30
17.533
12B+p
25.867
7Li+6Li
23.8757
10B+t
11B+d 18.6787
15.11
3/2−;3/2
13.0
12.44
7/2−
10.6476
9Be+α
10.75
7/2−
9.90
9/2+
3/2−
8.86
1/2−
8.2
3/2+
7.55
5/2−
3/2+
(7/2+)
6.86
5/2+
β−
7.85
4.94634
12C+n
3.85
3.68
3/2−
5/2+
3.09
1/2+
1/2−;
13C
T=1/2
β+
28
26.84
25.6
24.4
22.4
1/2+
3/2+
21.6366
10B+3He
5/2−
1/2+
19.88
5/2−
5/2−
7/2+
20.064
12N+n
19.83
18.96
T=3/2
18.4
18.17
3/2+;3/2
18.4404
11C+d
18.15
1/2−
3/2+
15.99
7/2+
15.06
3/2−;3/2
13.5
14.05
3/2+
3/2+
3/2−
11.88
7/2−
5/2−
3/2+
5/2+
10.36
10.83
7/2−
1/2−
5/2−
9.48
3/2−
9/2+
9.495
8.92
9/2+
1/2−
9B+α
7.9
3/2+
7.16
7.38
5/2−
7/2+
3/2+
6.89
6.36
5/2+
3.55
5/2+
3.51
3/2−
2.36
1/2+
1.9435
12C+p
[+0.06]
1/2−;
13N
T=1/2
β+
7.519
10C+3He
6.0
4.21
2.75
2.117
11C+2p
[14.98]
13O
8.227
9C+α
1.516
12N+p