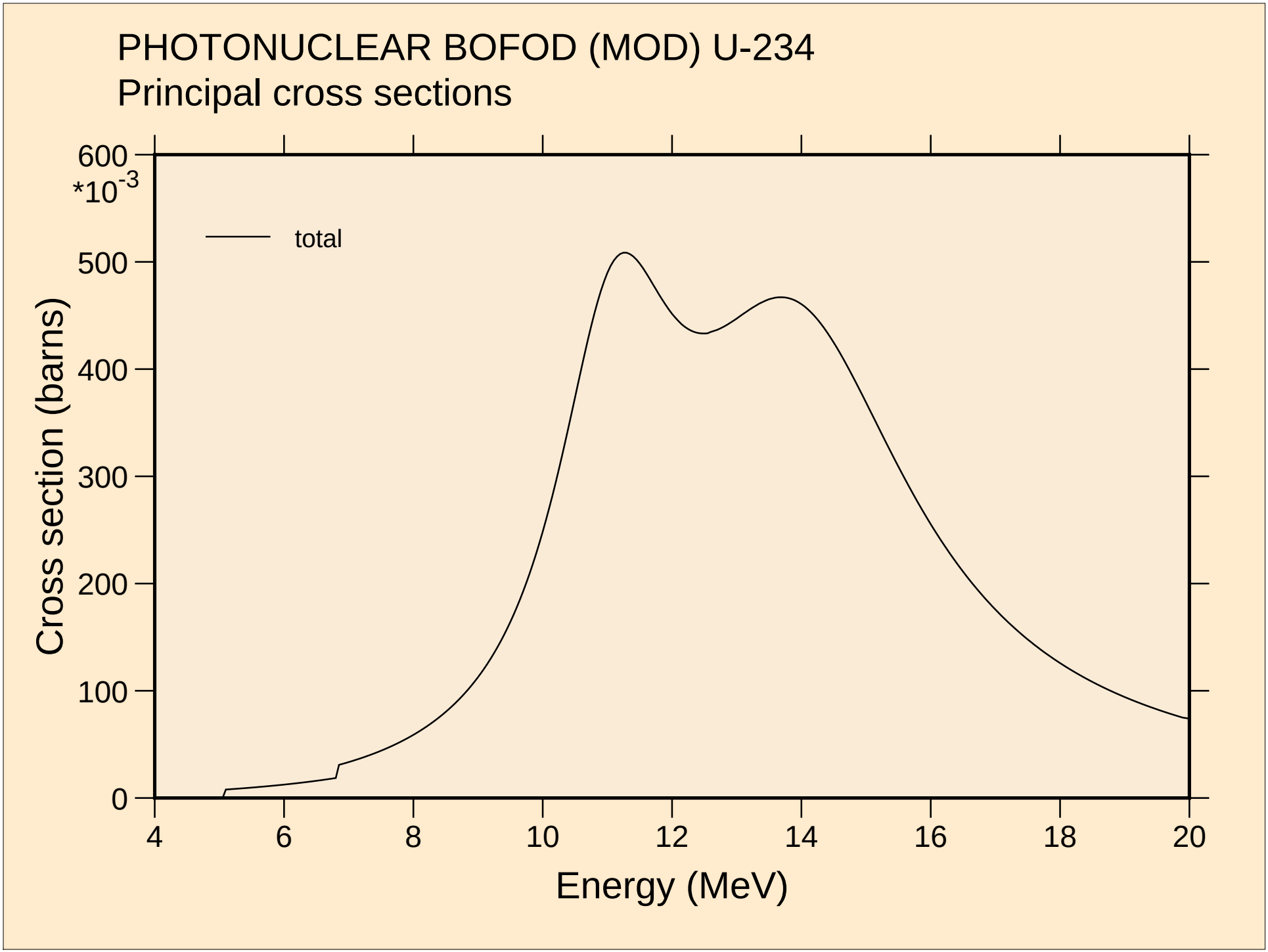
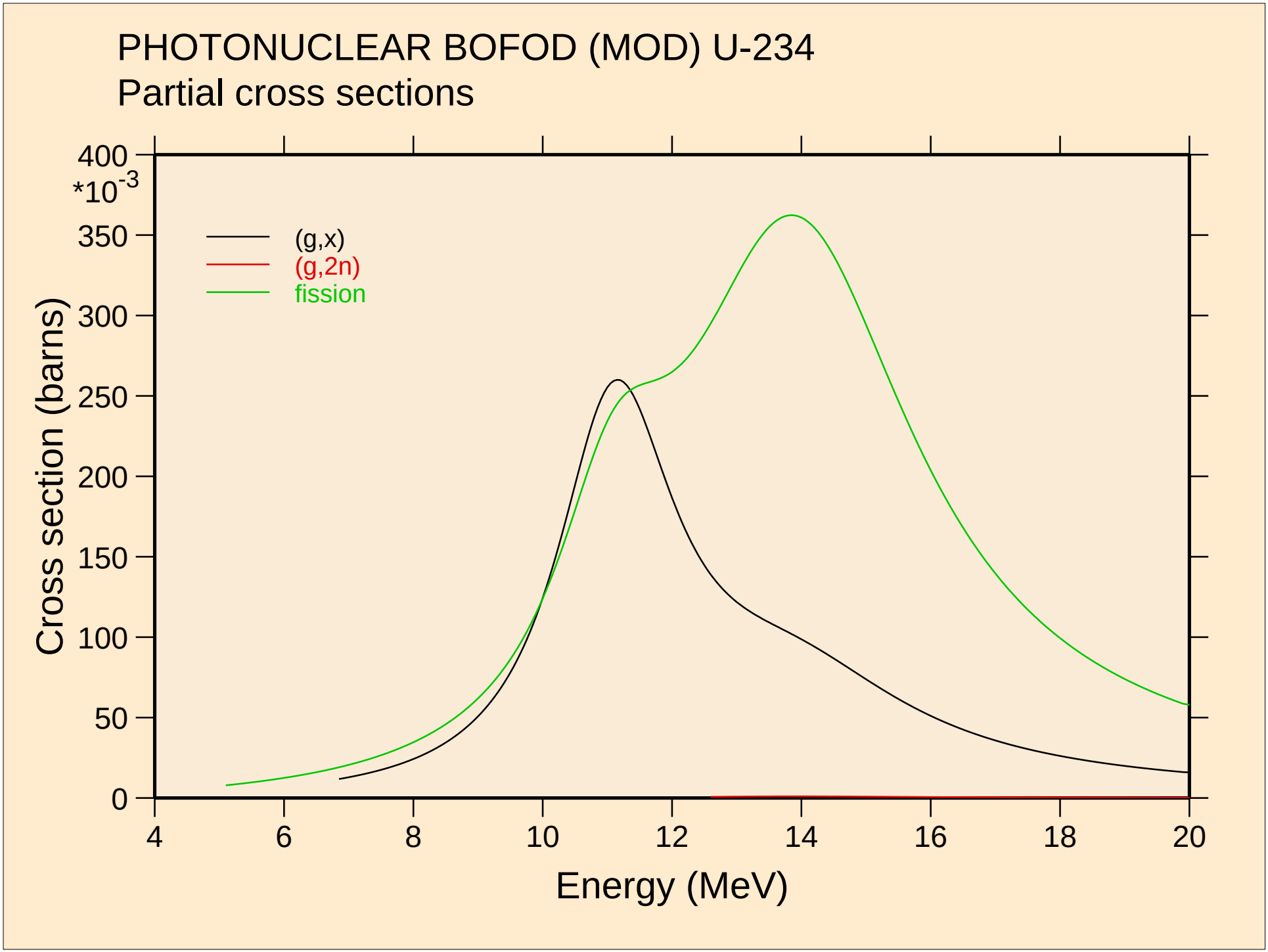
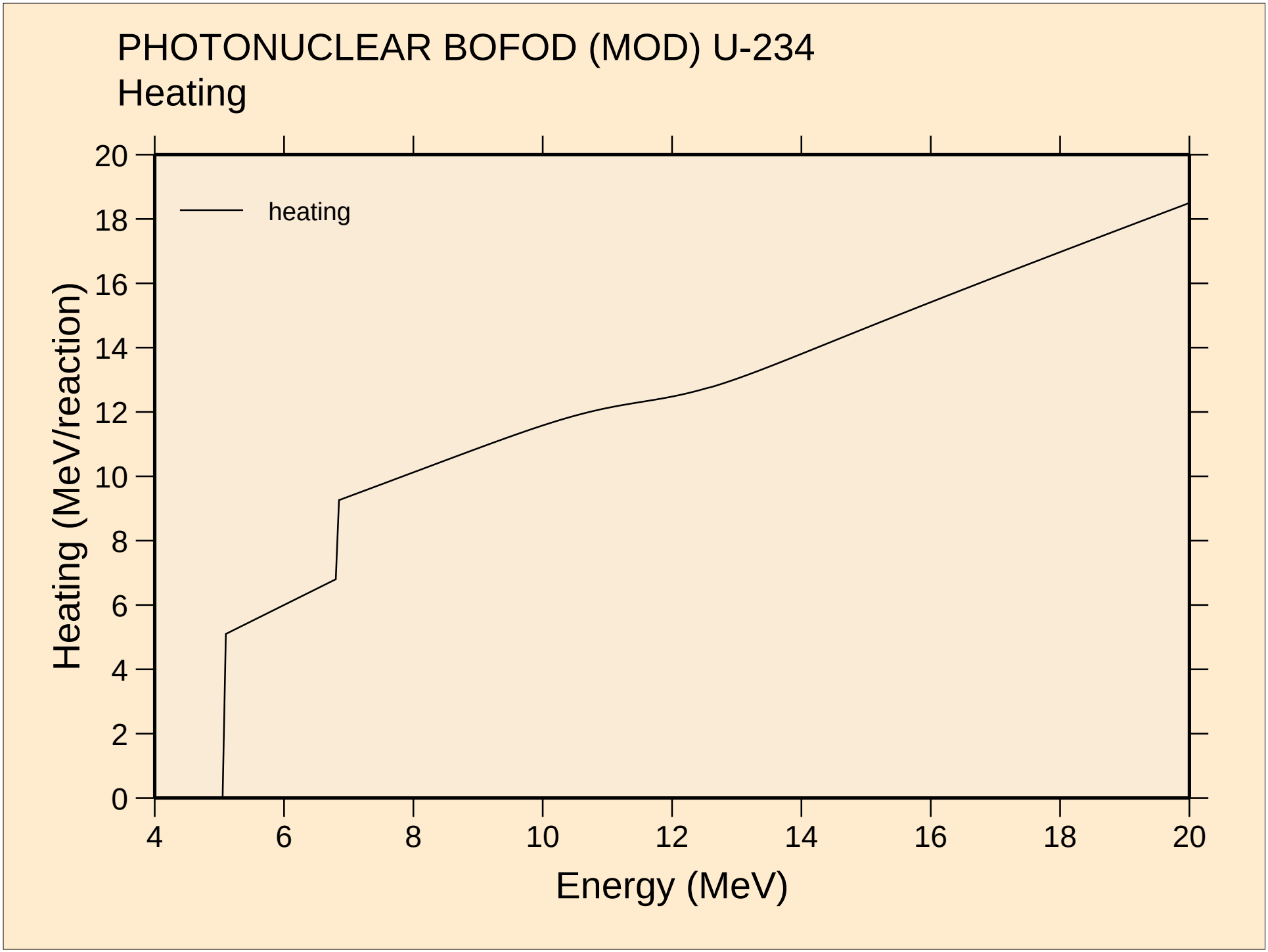
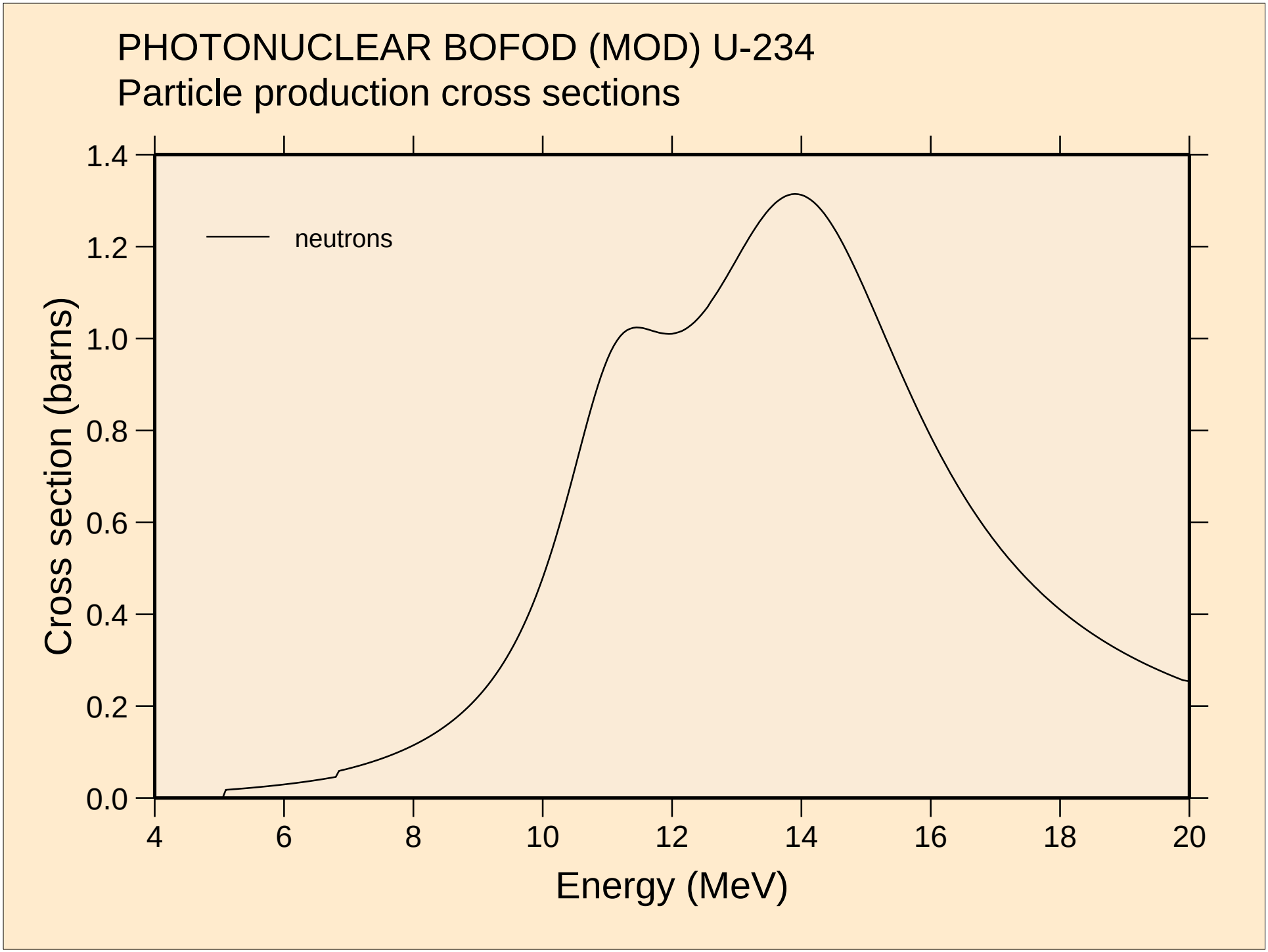
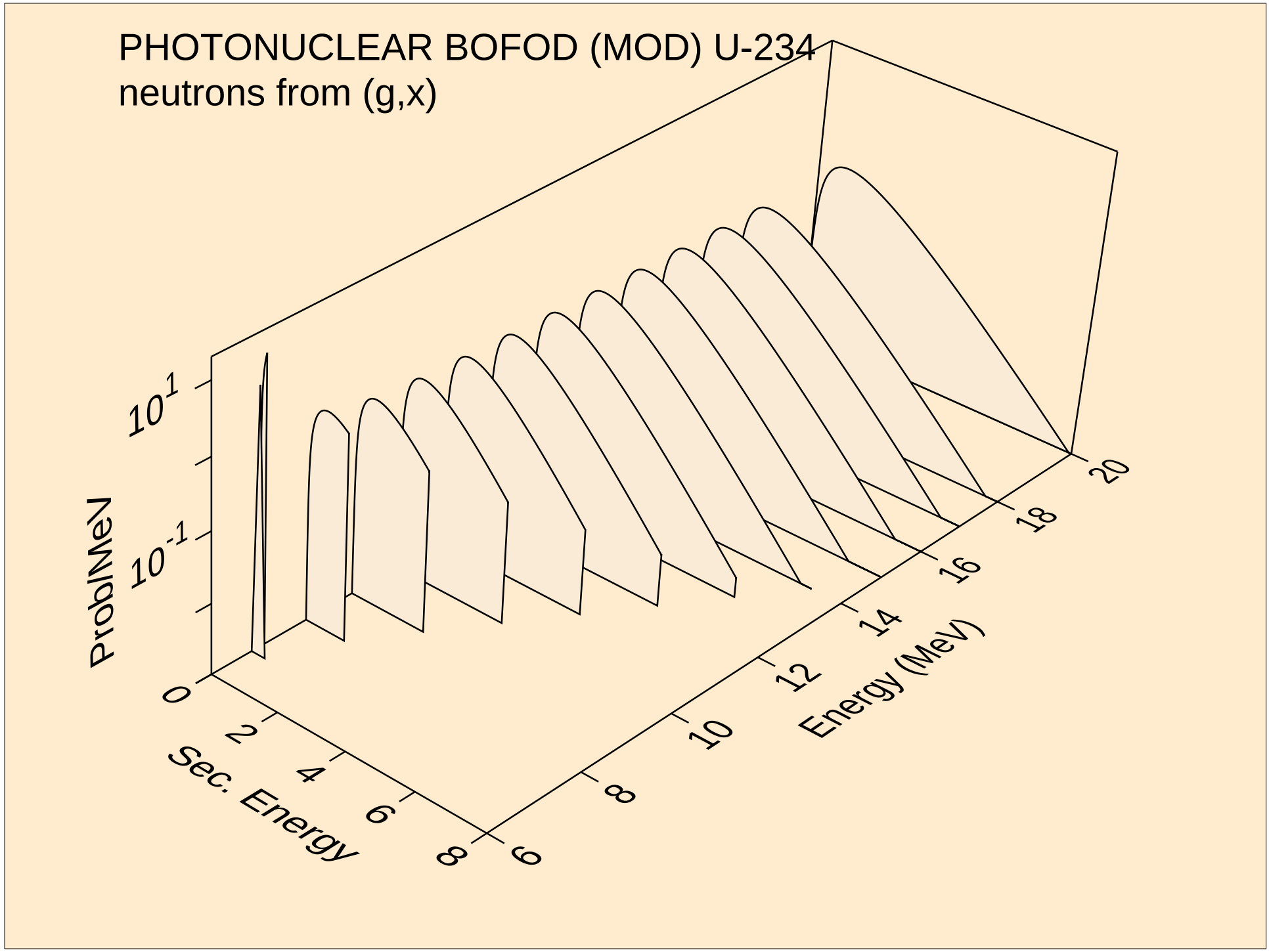
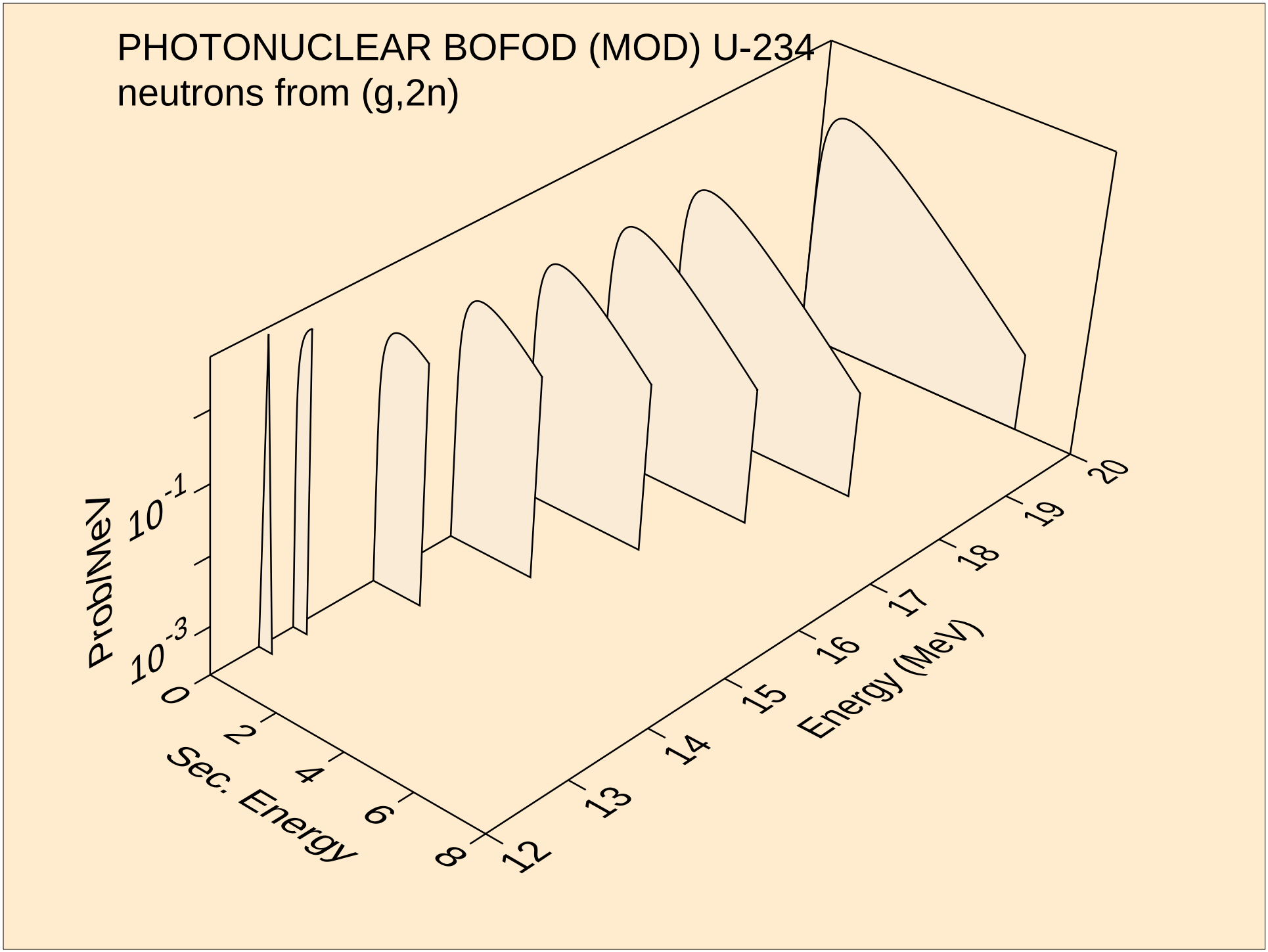

PHOTONUCLEAR BOFOD (MOD) U-234
Principal cross sections
600
*10-3
500
400
300
200
100
0
total
Cross section (barns)
4
6
8
10
12
14
16
18
20
Energy (MeV)

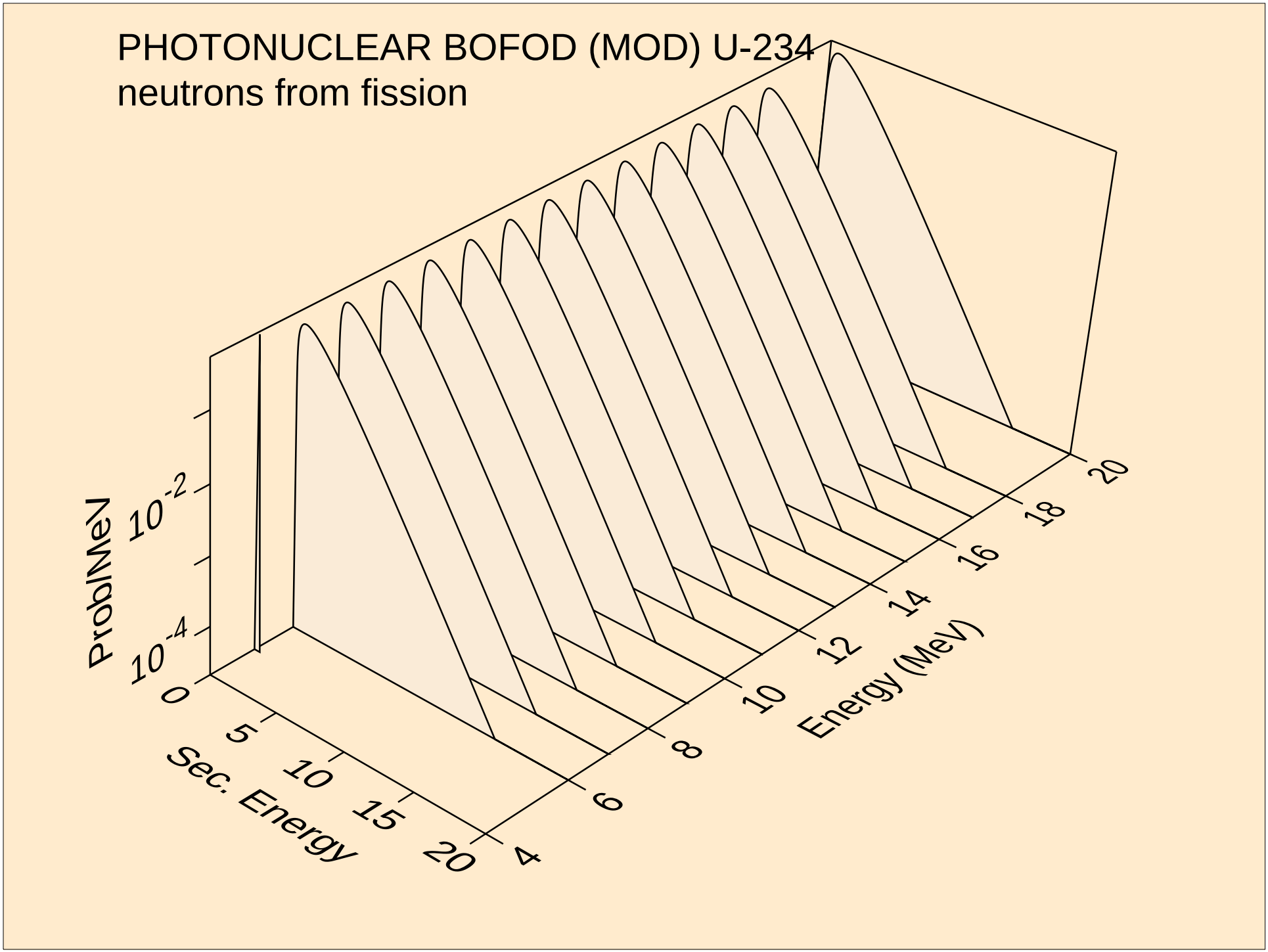

PHOTONUCLEAR BOFOD (MOD) U-234
Partial cross sections
Cross section (barns)
*10-3
400
350
300
250
200
150
100
50
0
(g,x)
(g,2n)
fission
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-234
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
2
4
6
8
10
12
14
16
18
20
4
6
8
10
12
14
16
18
20


PHOTONUCLEAR BOFOD (MOD) U-234
Particle production cross sections
neutrons
Cross section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-234
neutrons from (g,x)
Prob/MeV
10^{1}
10^{-1}
0
2
4
6
8
Sec. Energy
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-234
neutrons from (g,2n)
Prob/MeV
10-1
10-3
0
2
4
6
8
Sec. Energy
12
13
14
15
16
17
18
19
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-234
neutrons from fission
Prob/MeV
10-2
10-4
0
5
10
15
20
Sec. Energy
4
6
8
10
12
14
16
18
20
Energy (MeV)