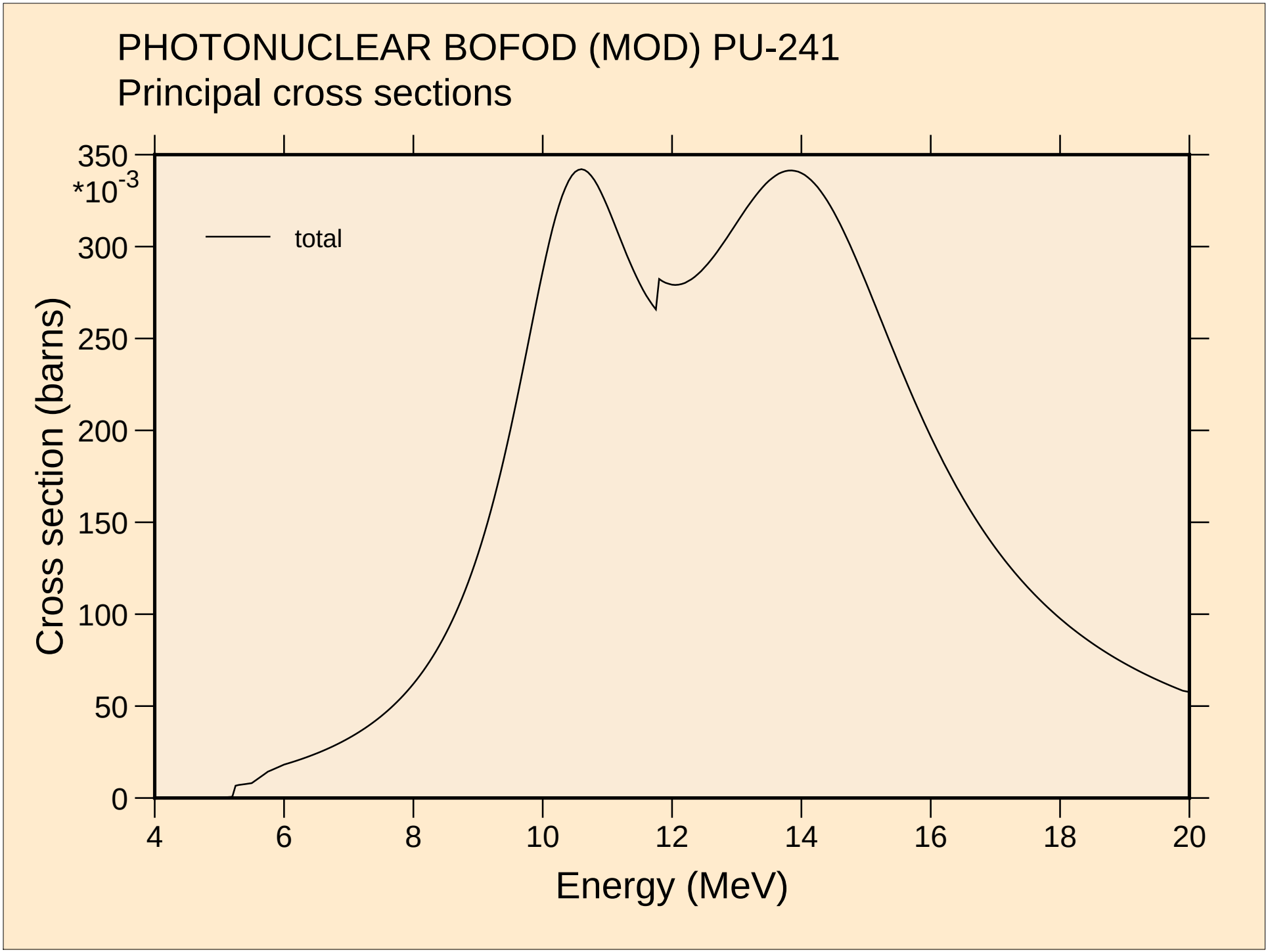
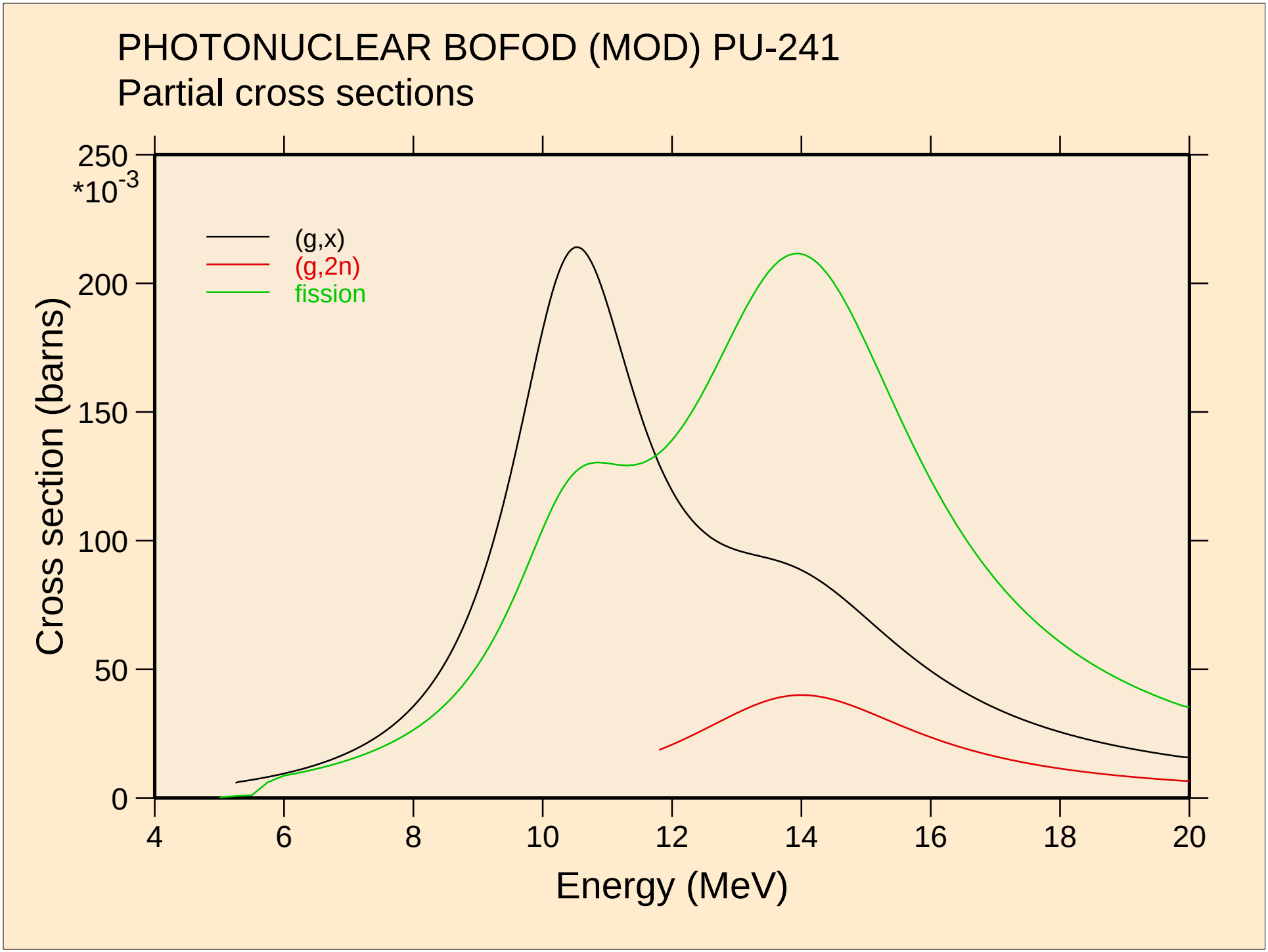
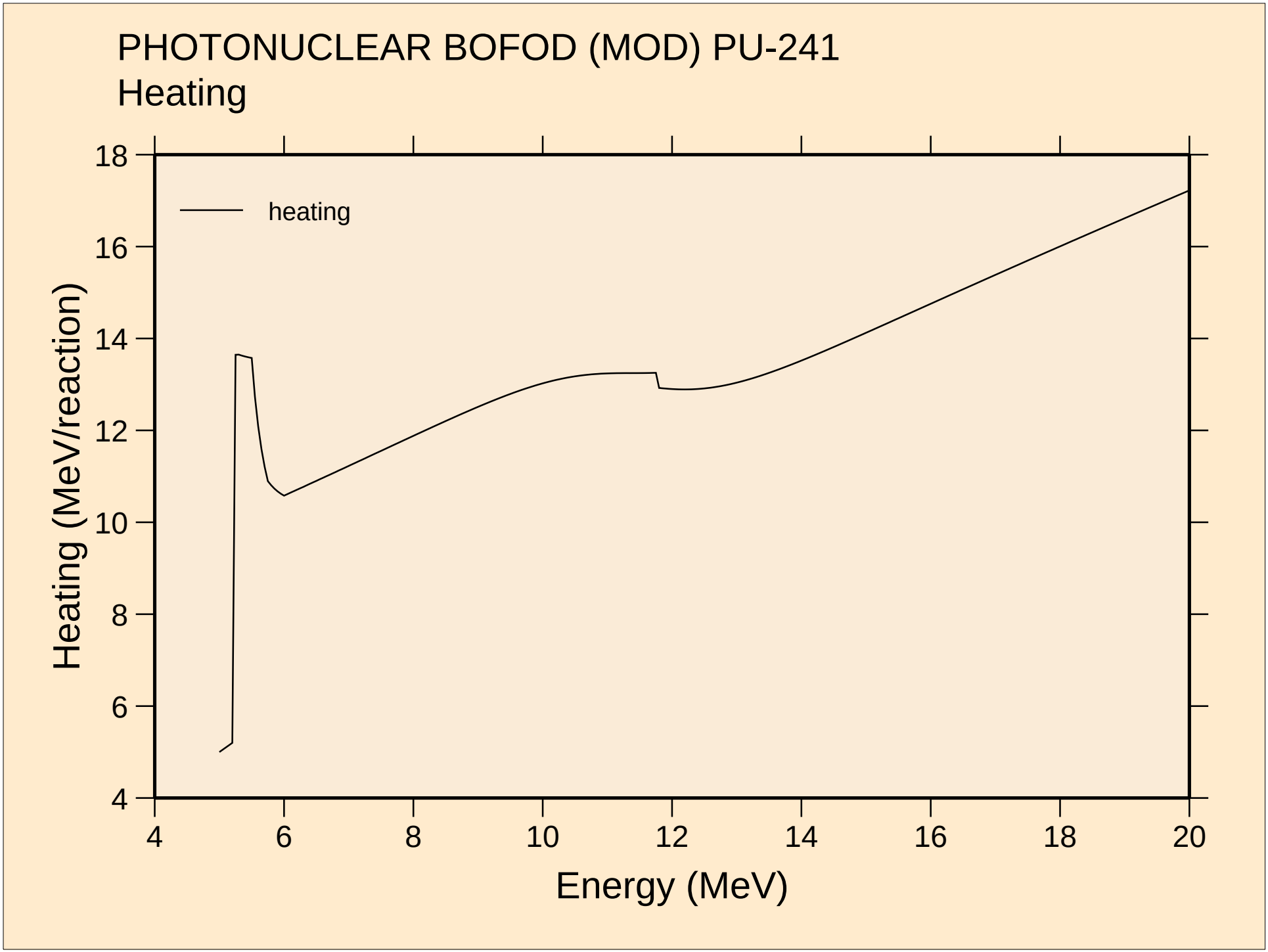
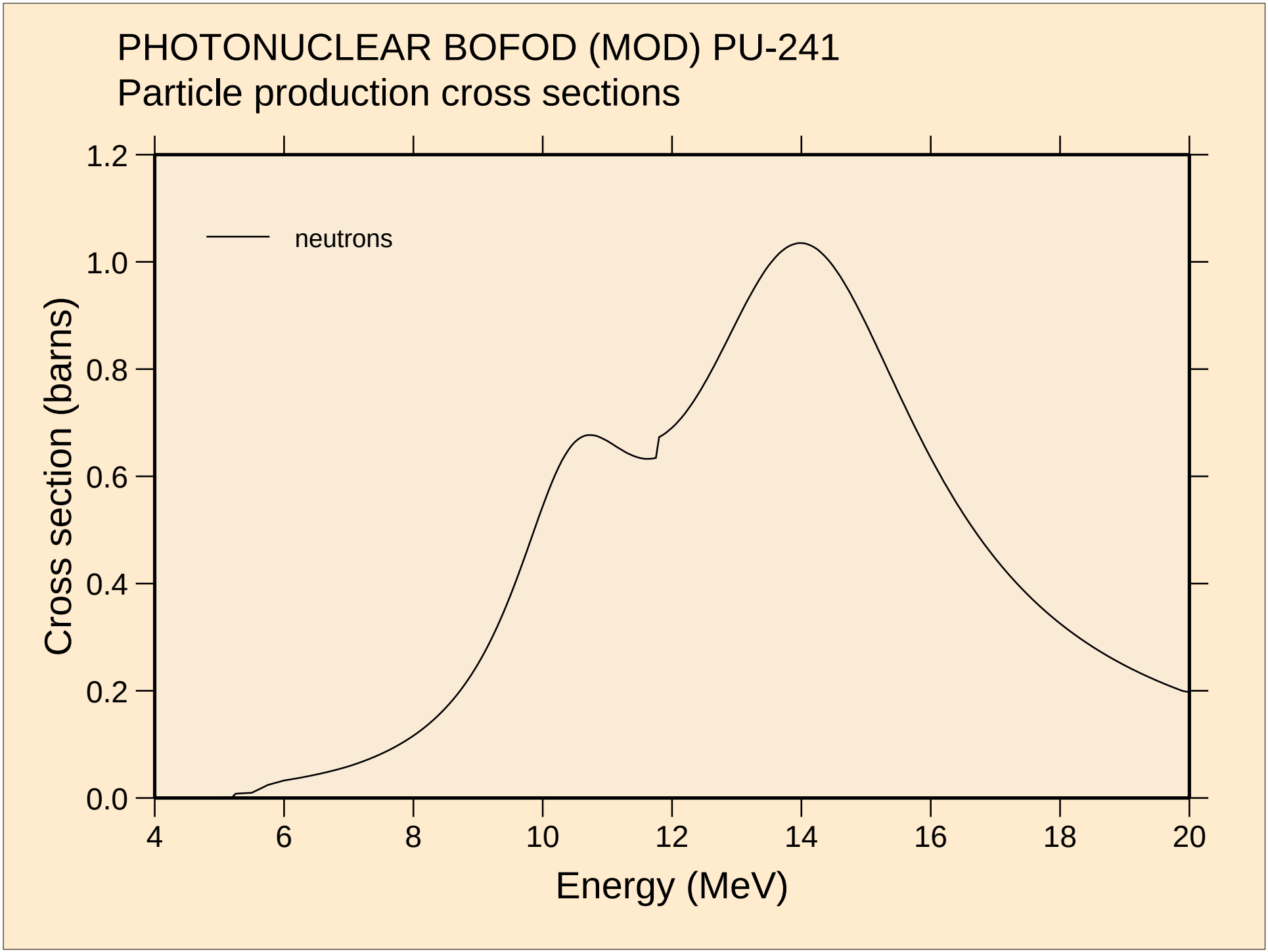
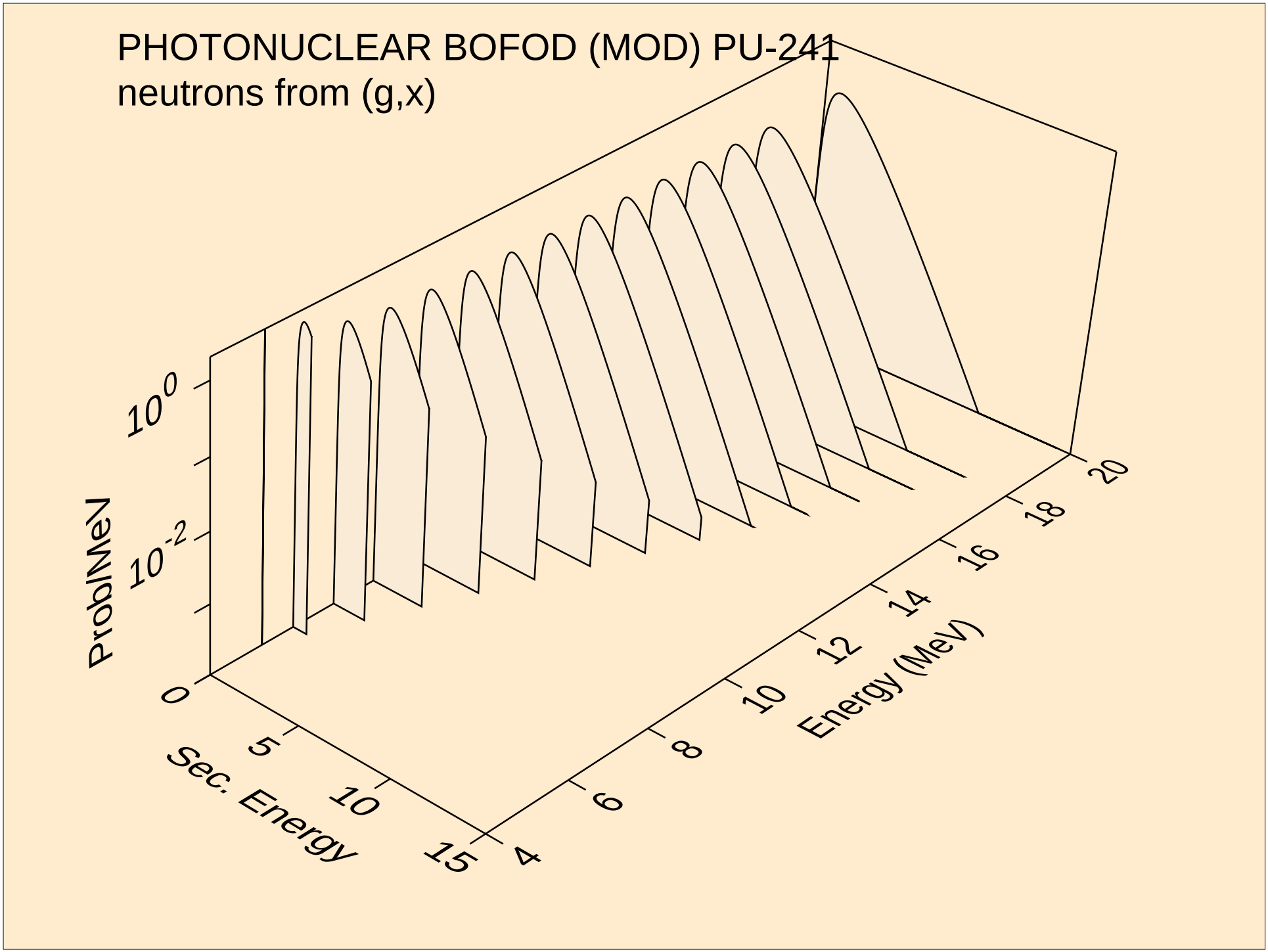
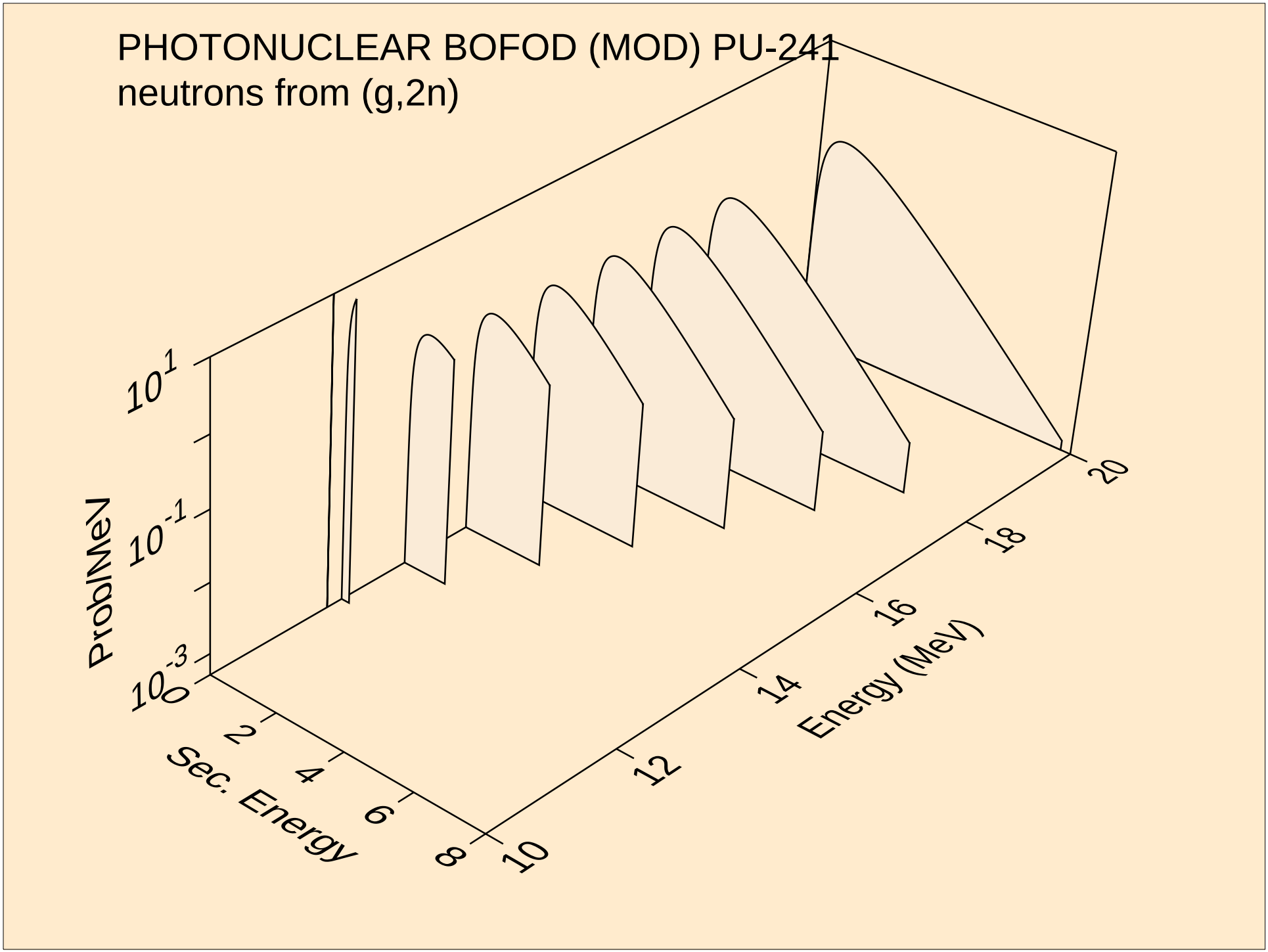

PHOTONUCLEAR BOFOD (MOD) PU-241
Principal cross sections
350
*10-3
300
250
200
150
100
50
0
total
Cross section (barns)
4
6
8
10
12
14
16
18
20
Energy (MeV)

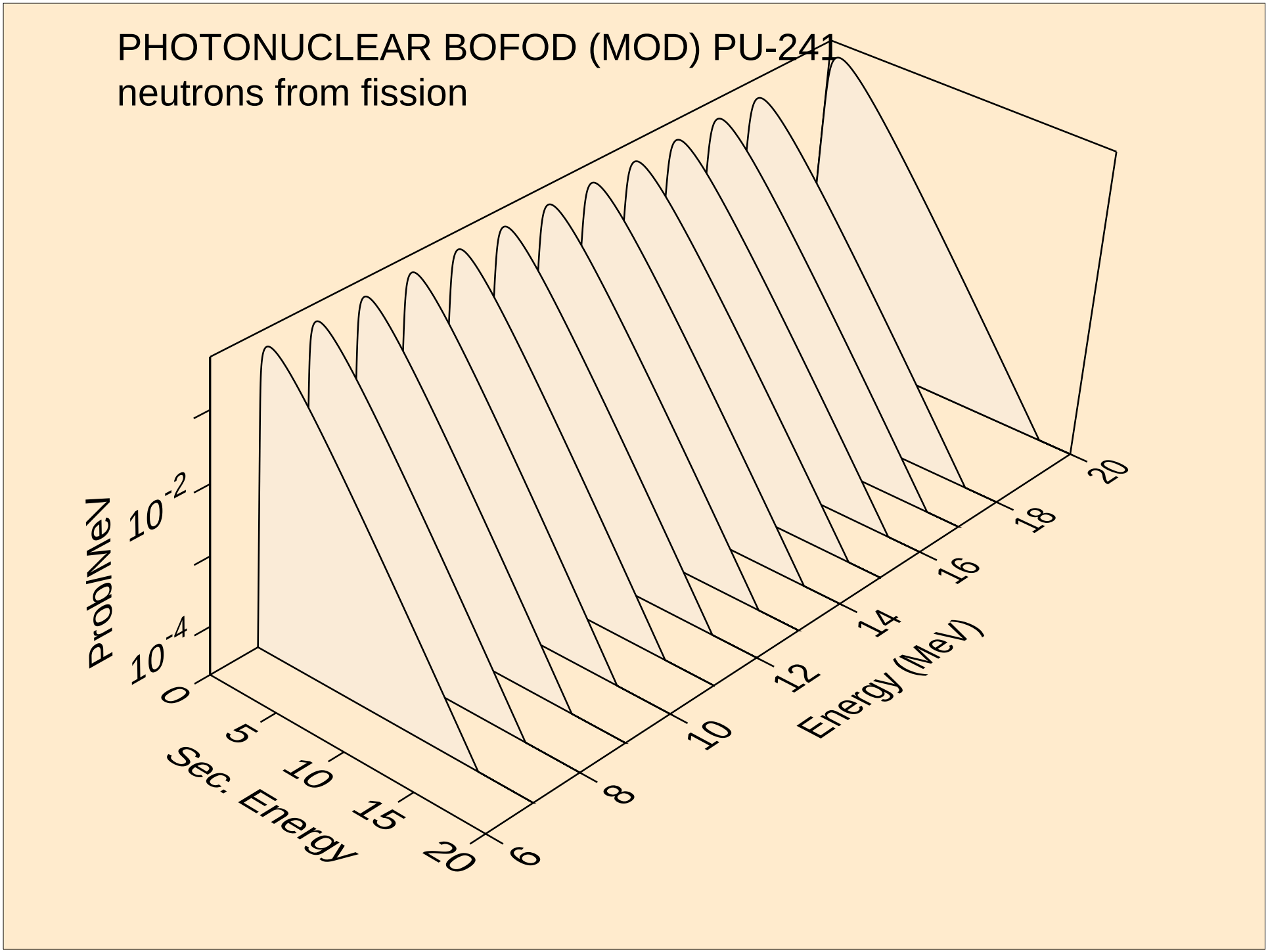

PHOTONUCLEAR BOFOD (MOD) PU-241
Partial cross sections
250
*10-3
200
150
100
50
0
Cross section (barns)
(g,x)
(g,2n)
fission
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) PU-241
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
4
6
8
10
12
14
16
18
20


PHOTONUCLEAR BOFOD (MOD) PU-241
Particle production cross sections
neutrons
Cross section (barns)
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) PU-241
neutrons from (g,x)
Prob/MeV
10^{0}
10^{-2}
0
5
10
15
Sec. Energy
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) PU-241
neutrons from (g,2n)
Prob/MeV
10^{1}
10^{-1}
10^{-3}
0
2
4
6
8
10
Sec. Energy
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) PU-241
neutrons from fission
Prob/MeV
10-2
10-4
0
5
10
15
20
Sec. Energy
6
8
10
12
14
16
18
20
Energy (MeV)