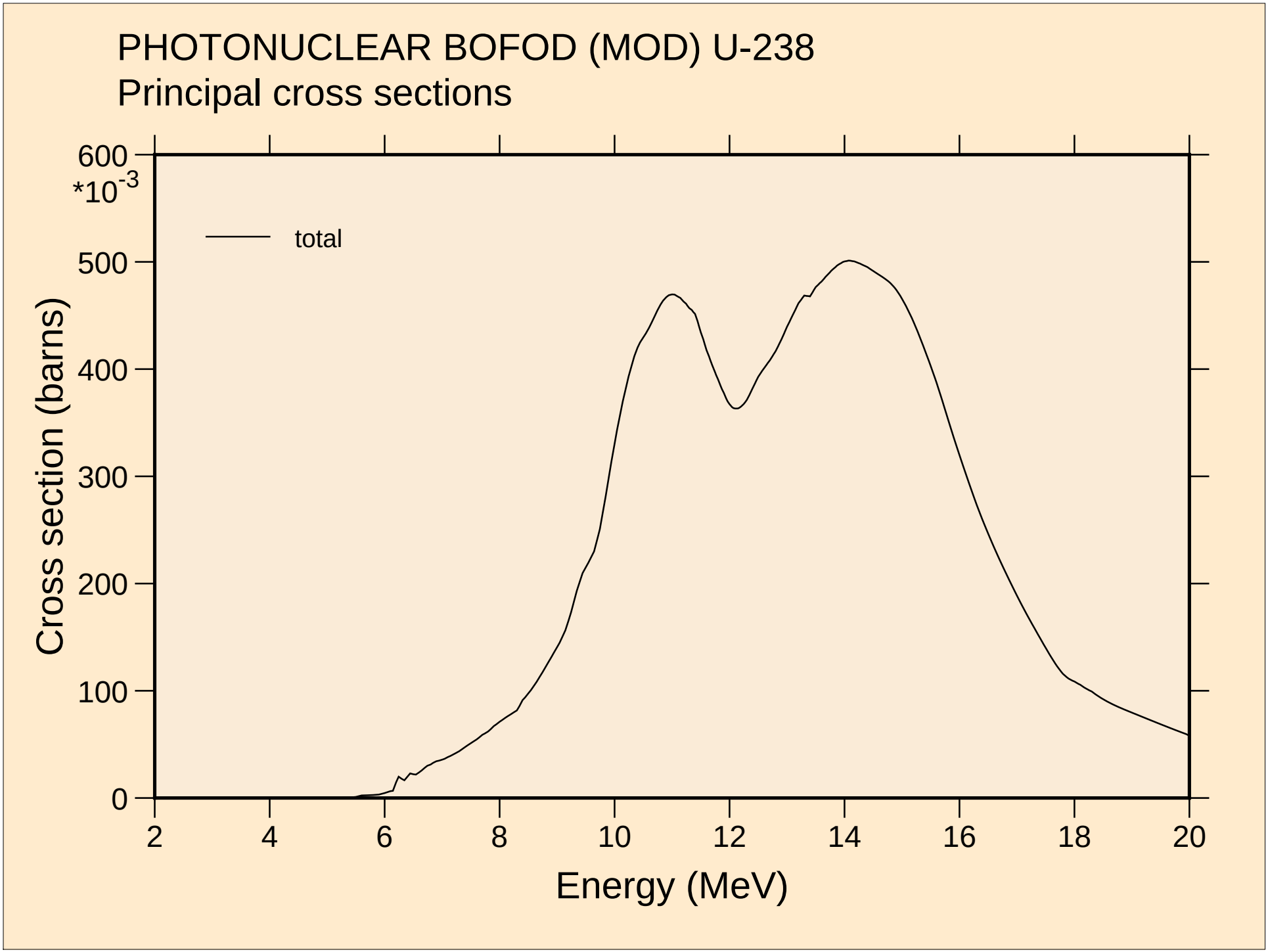
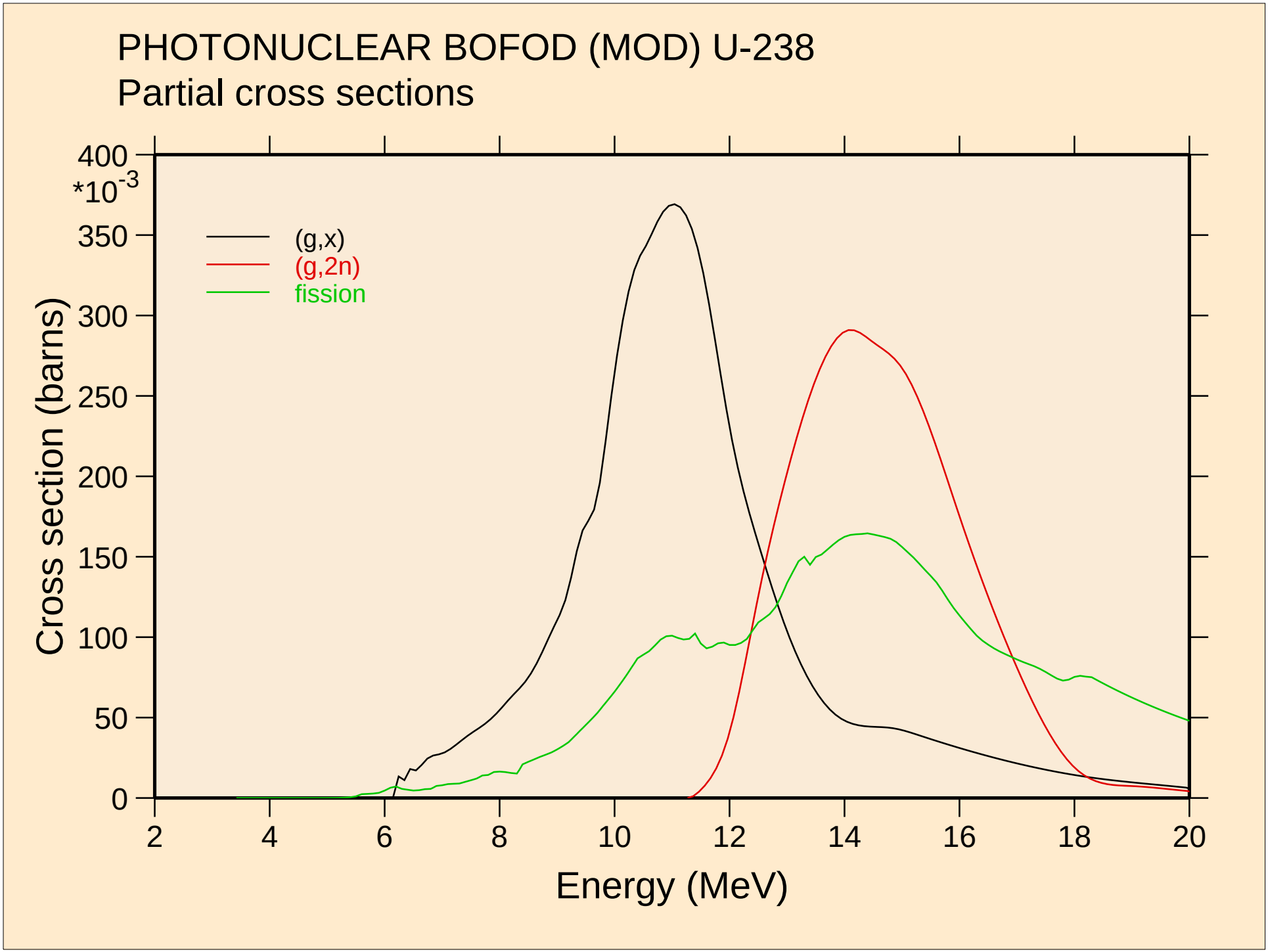
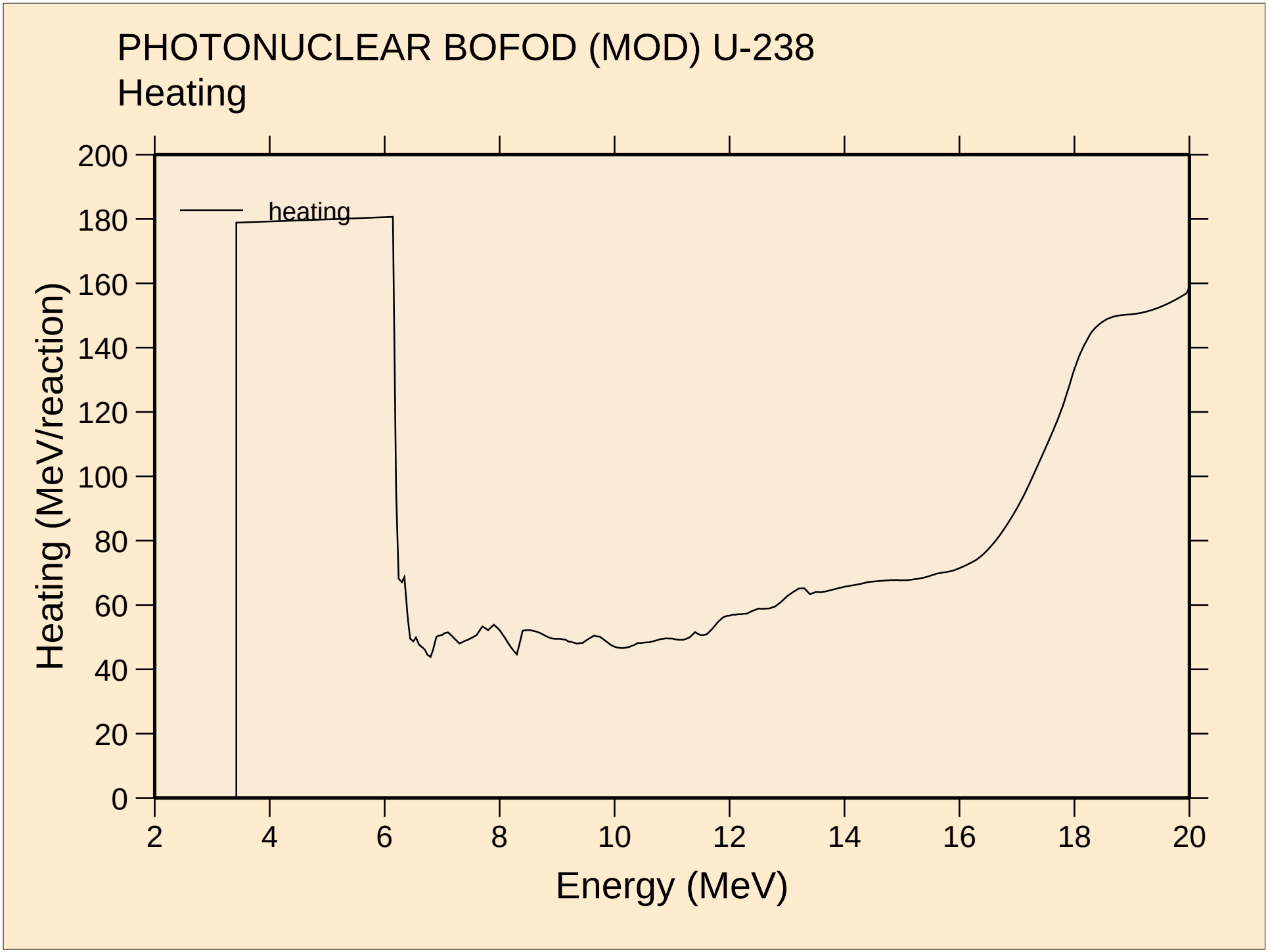
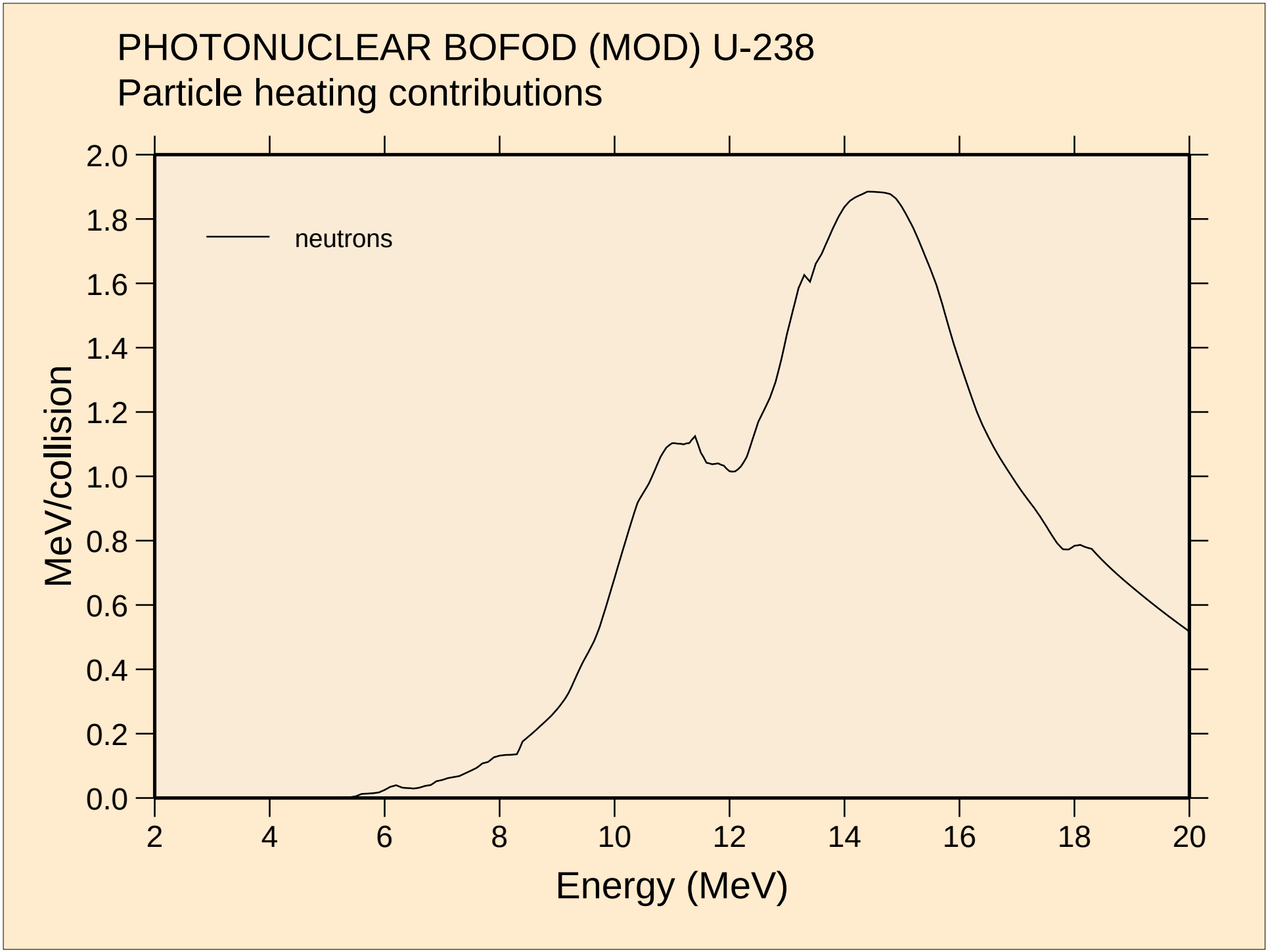
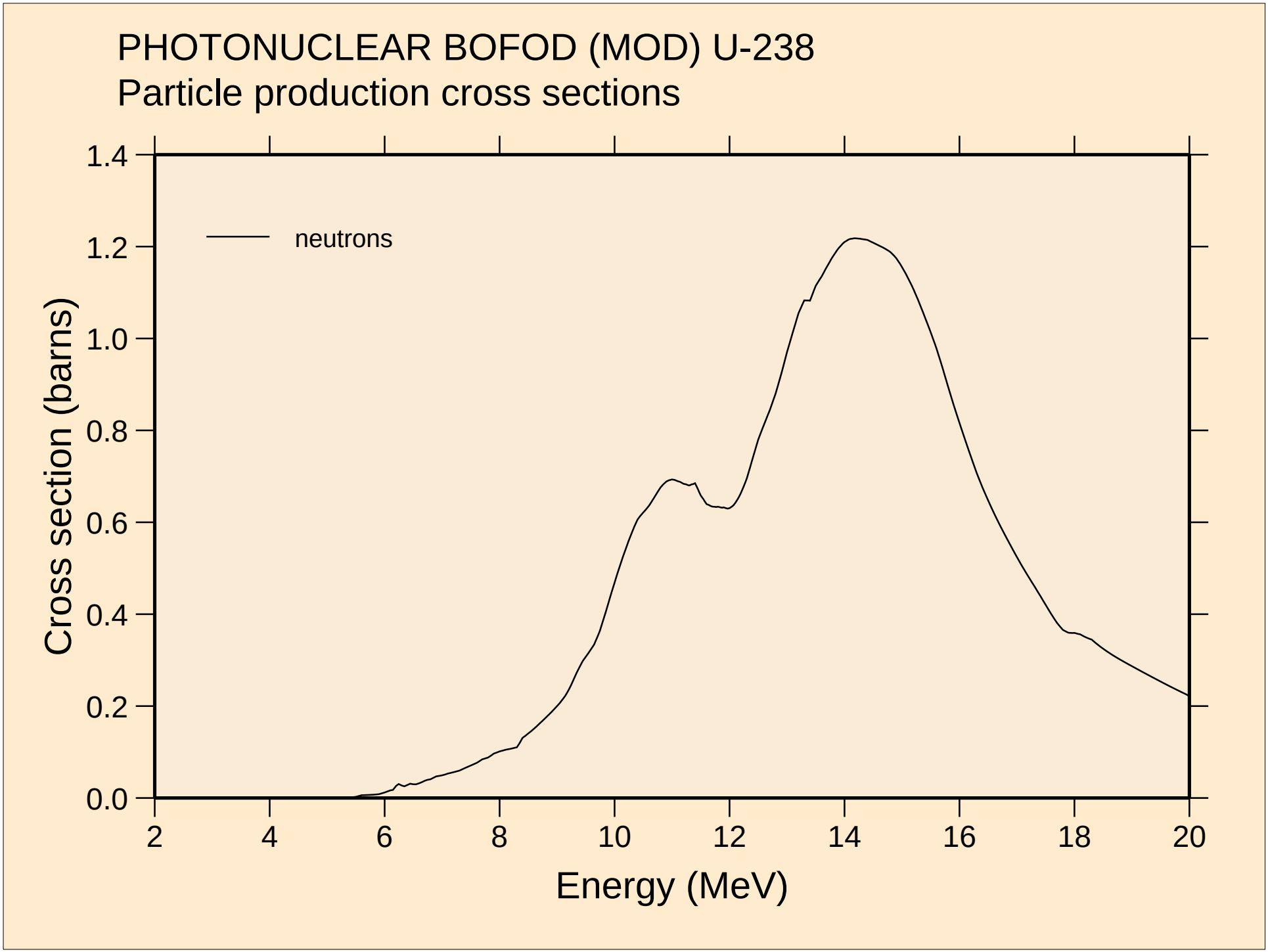

PHOTONUCLEAR BOFOD (MOD) U-238
Principal cross sections
total
Cross section (barns)
*10-3
600
500
400
300
200
100
0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-238
Partial cross sections
Cross section (barns)
*10-3
400
350
300
250
200
150
100
50
0
(g,x)
(g,2n)
fission
2
4
6
8
10
12
14
16
18
20
Energy (MeV)


PHOTONUCLEAR BOFOD (MOD) U-238
Heating
heating
Heating (MeV/reaction)
Energy (MeV)
0
20
40
60
80
100
120
140
160
180
200
2
4
6
8
10
12
14
16
18
20


PHOTONUCLEAR BOFOD (MOD) U-238
Particle heating contributions
neutrons
MeV/collision
Energy (MeV)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1.6
1.8
2.0
2
4
6
8
10
12
14
16
18
20


PHOTONUCLEAR BOFOD (MOD) U-238
Particle production cross sections
neutrons
Cross section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2
4
6
8
10
12
14
16
18
20
Energy (MeV)