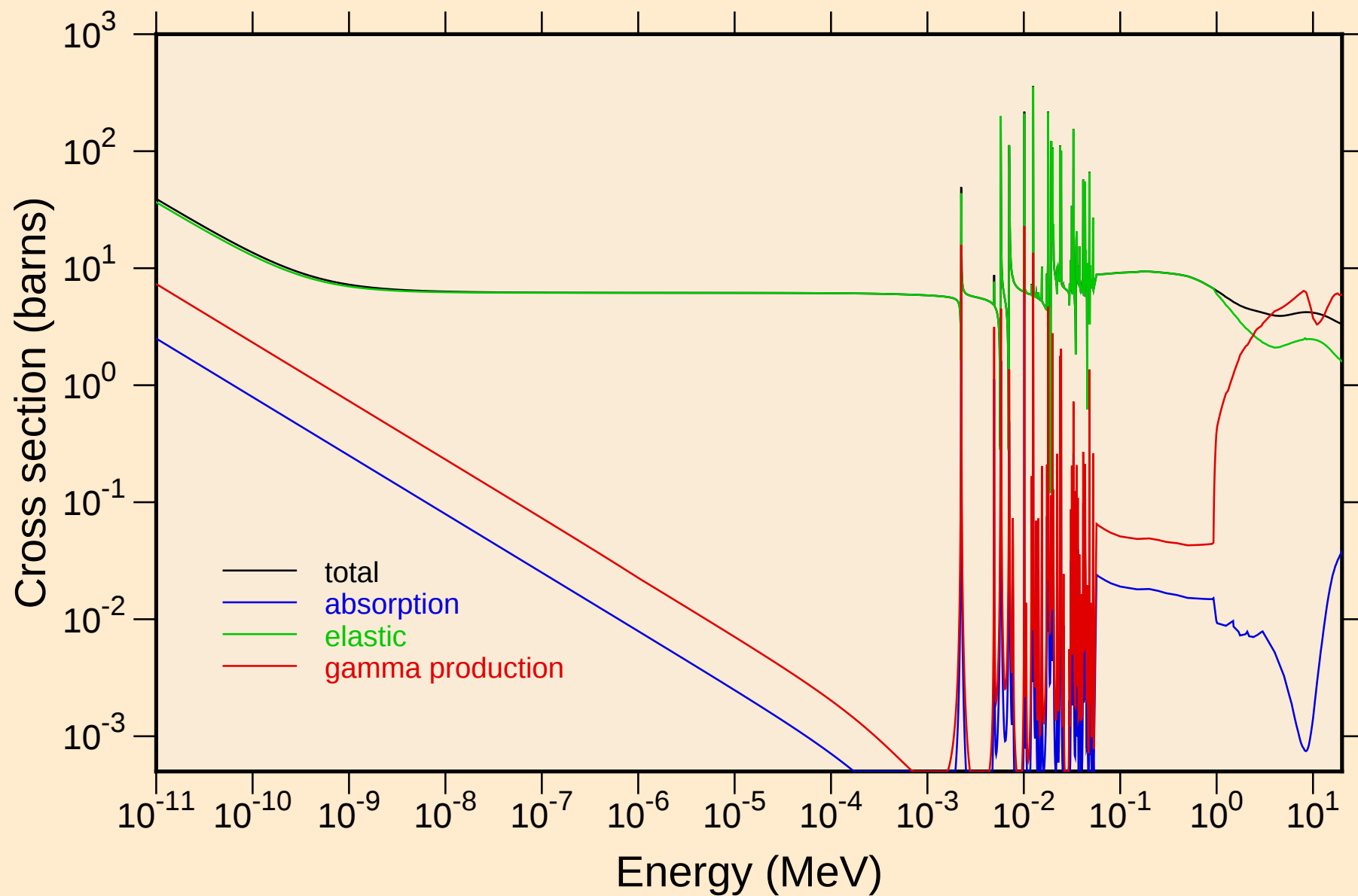
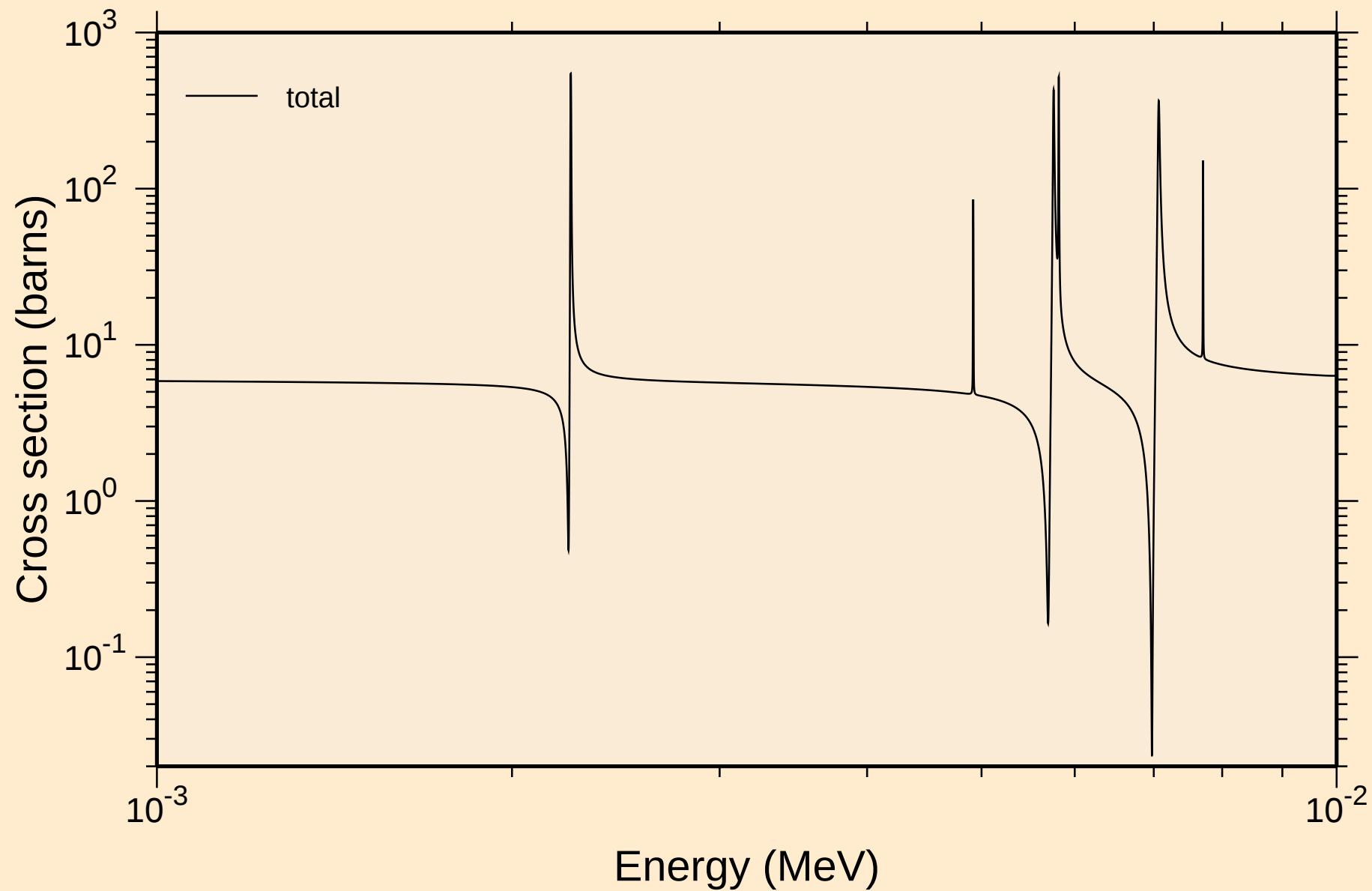


JEFF-3.1 ZR-94

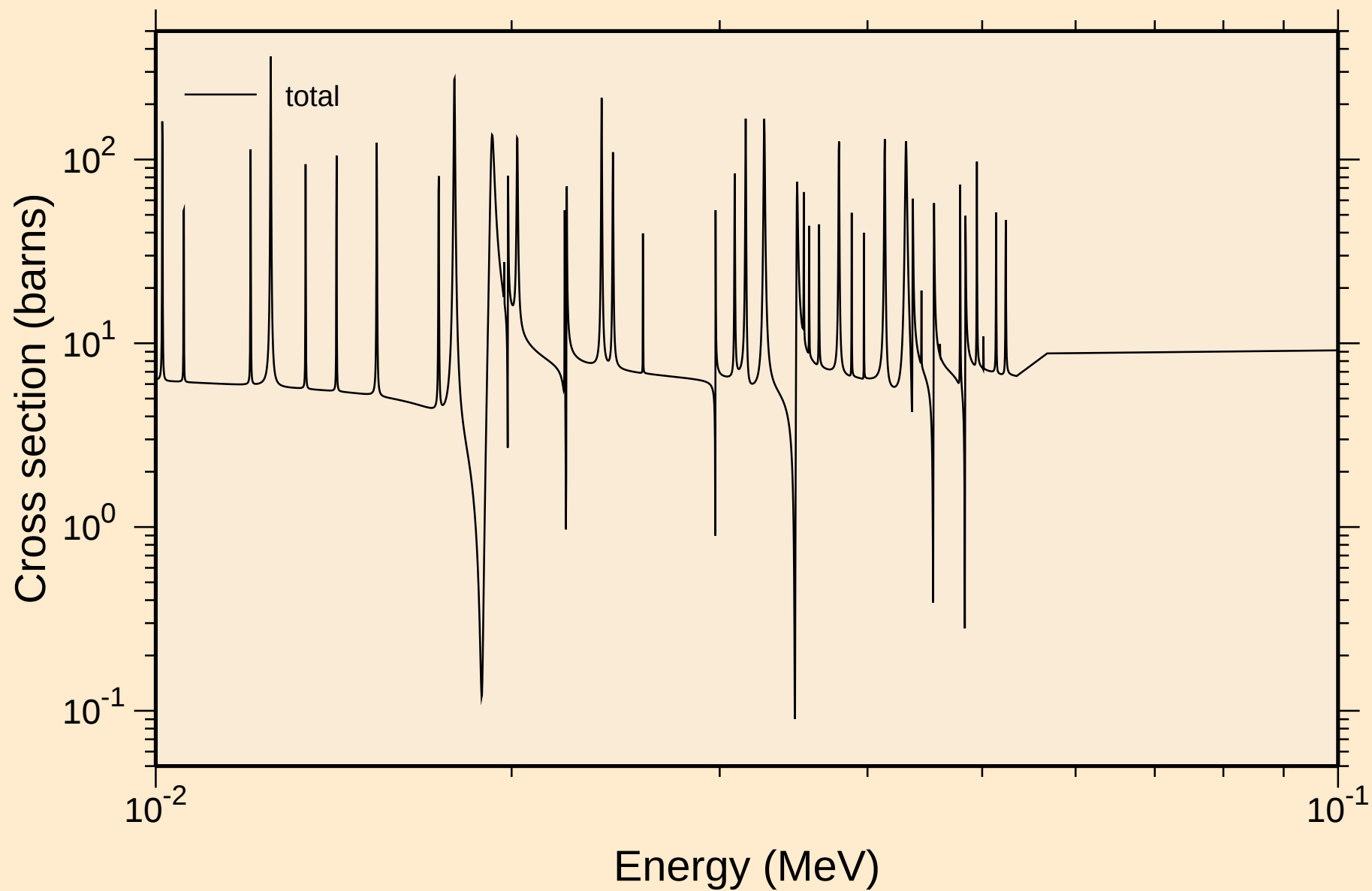
Principal cross sections



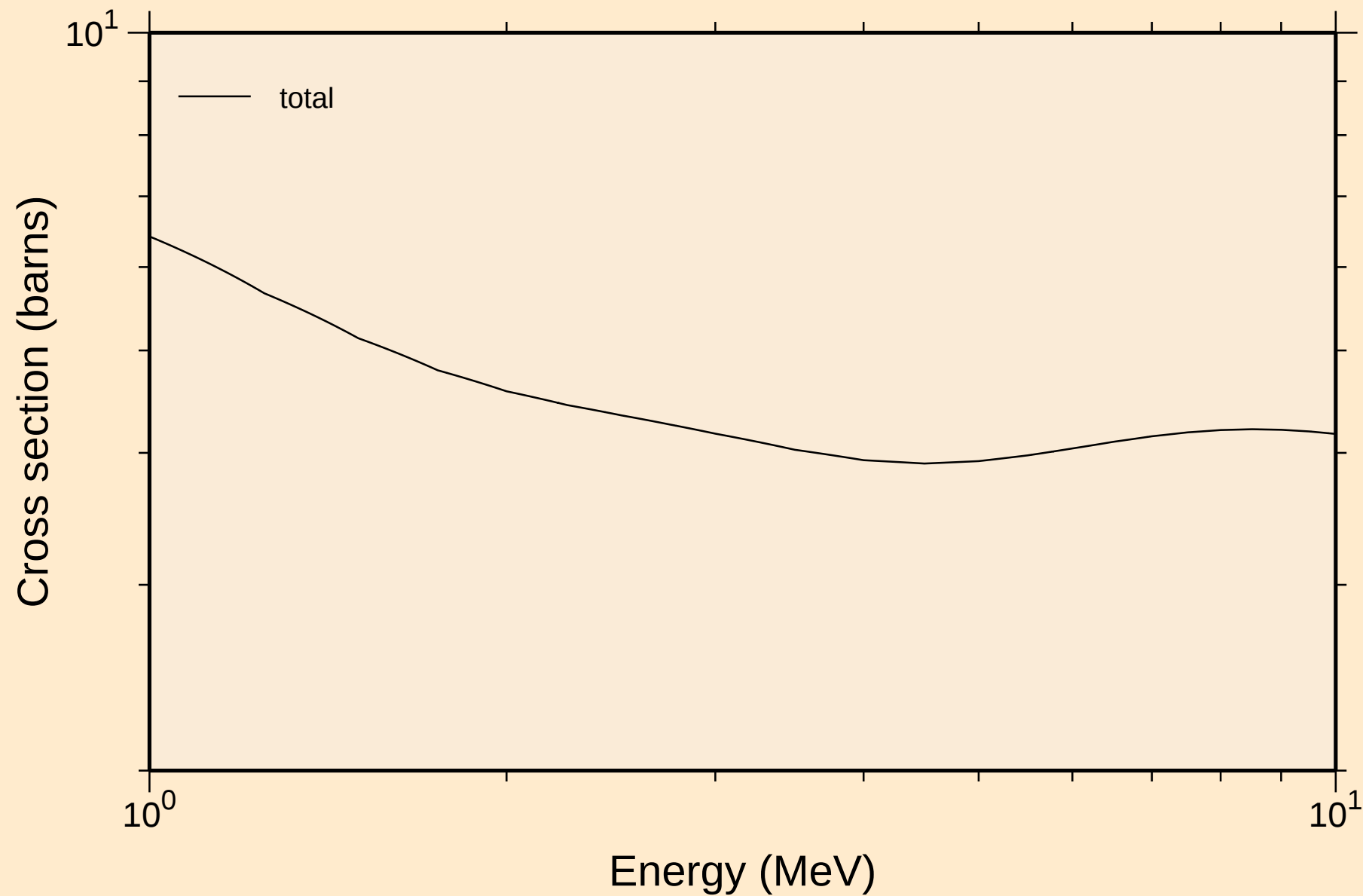
JEFF-3.1 ZR-94 resonance total cross section



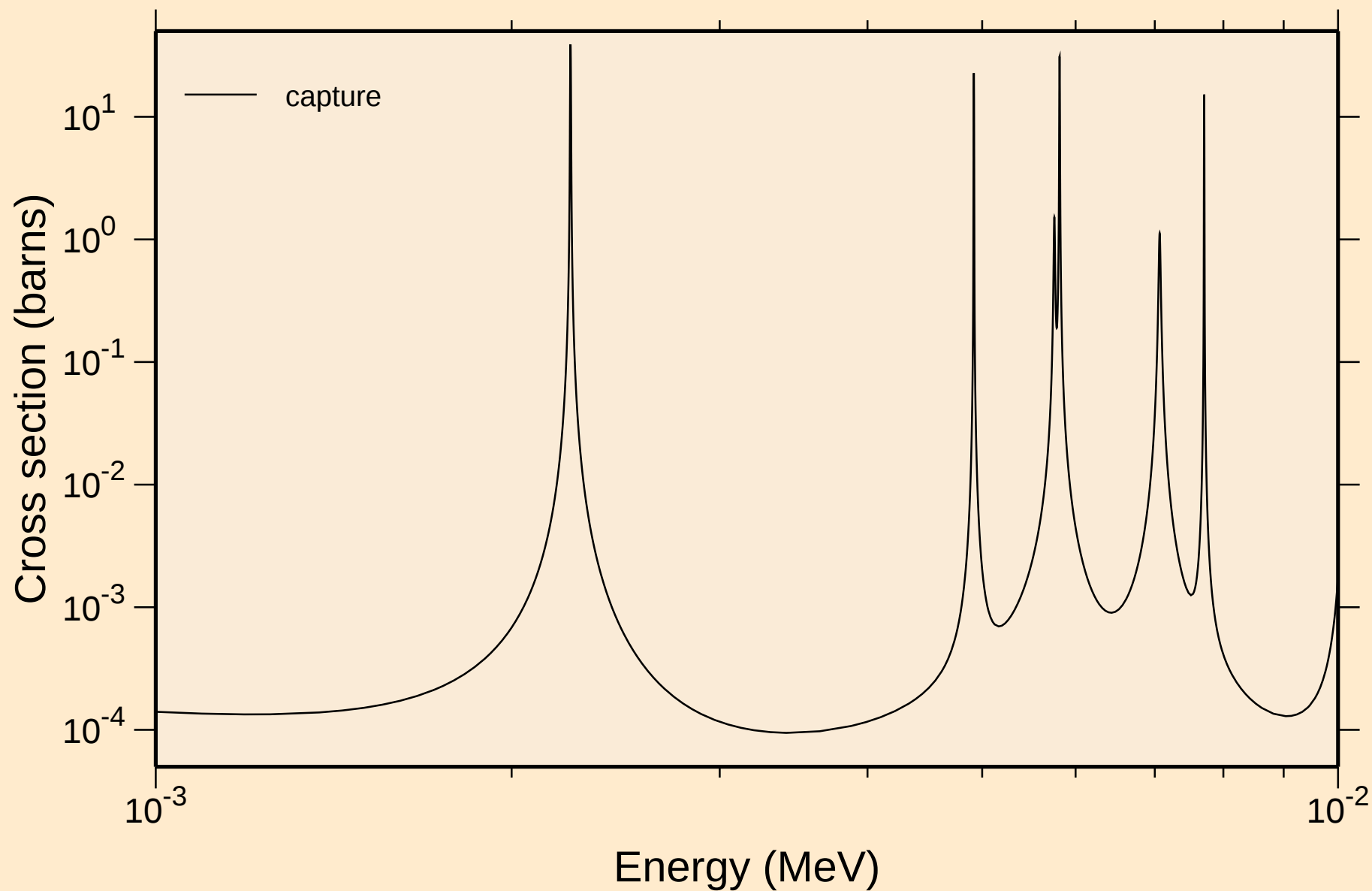
JEFF-3.1 ZR-94 resonance total cross section



JEFF-3.1 ZR-94
resonance total cross section

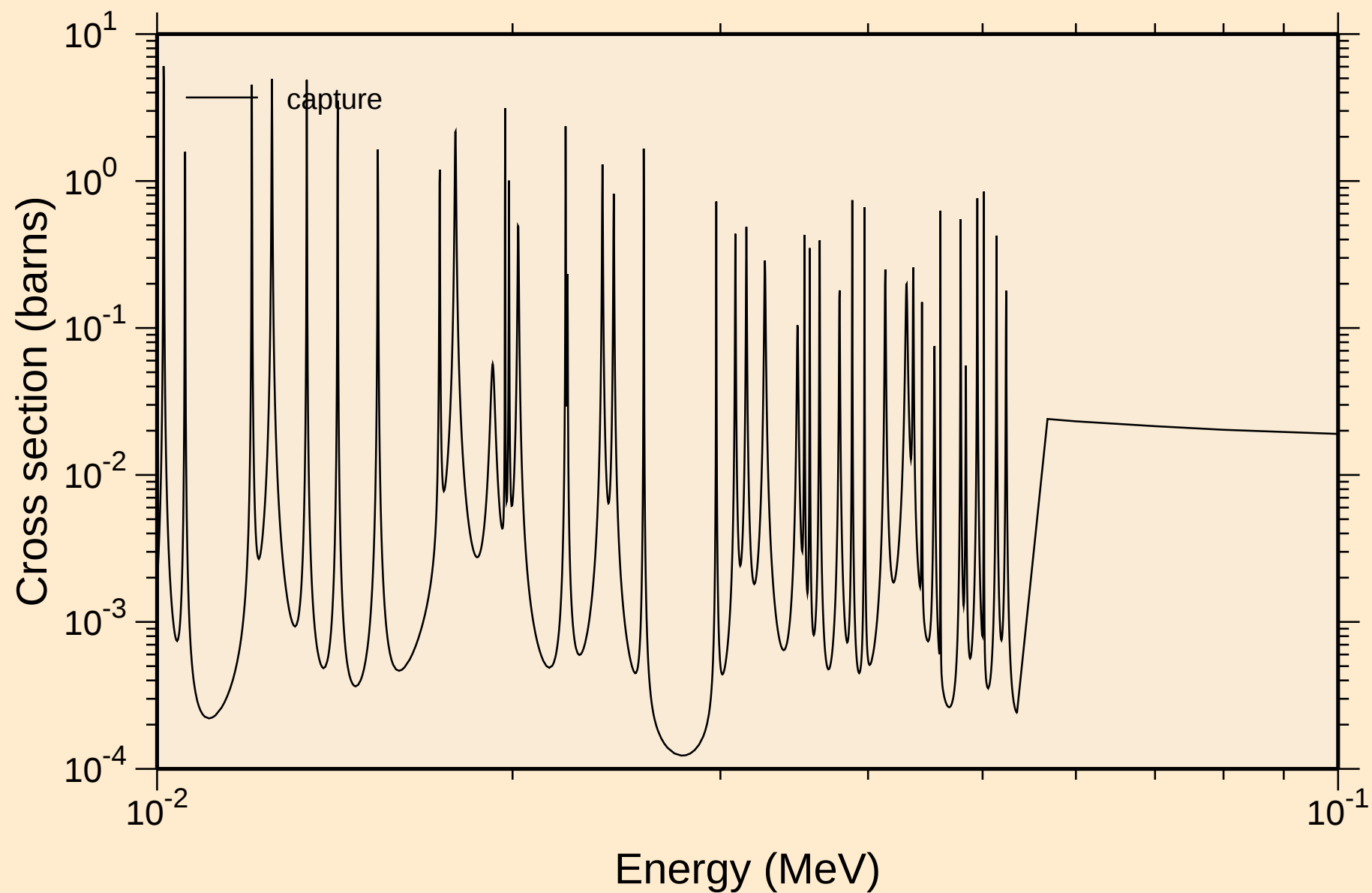


JEFF-3.1 ZR-94 resonance absorption cross sections

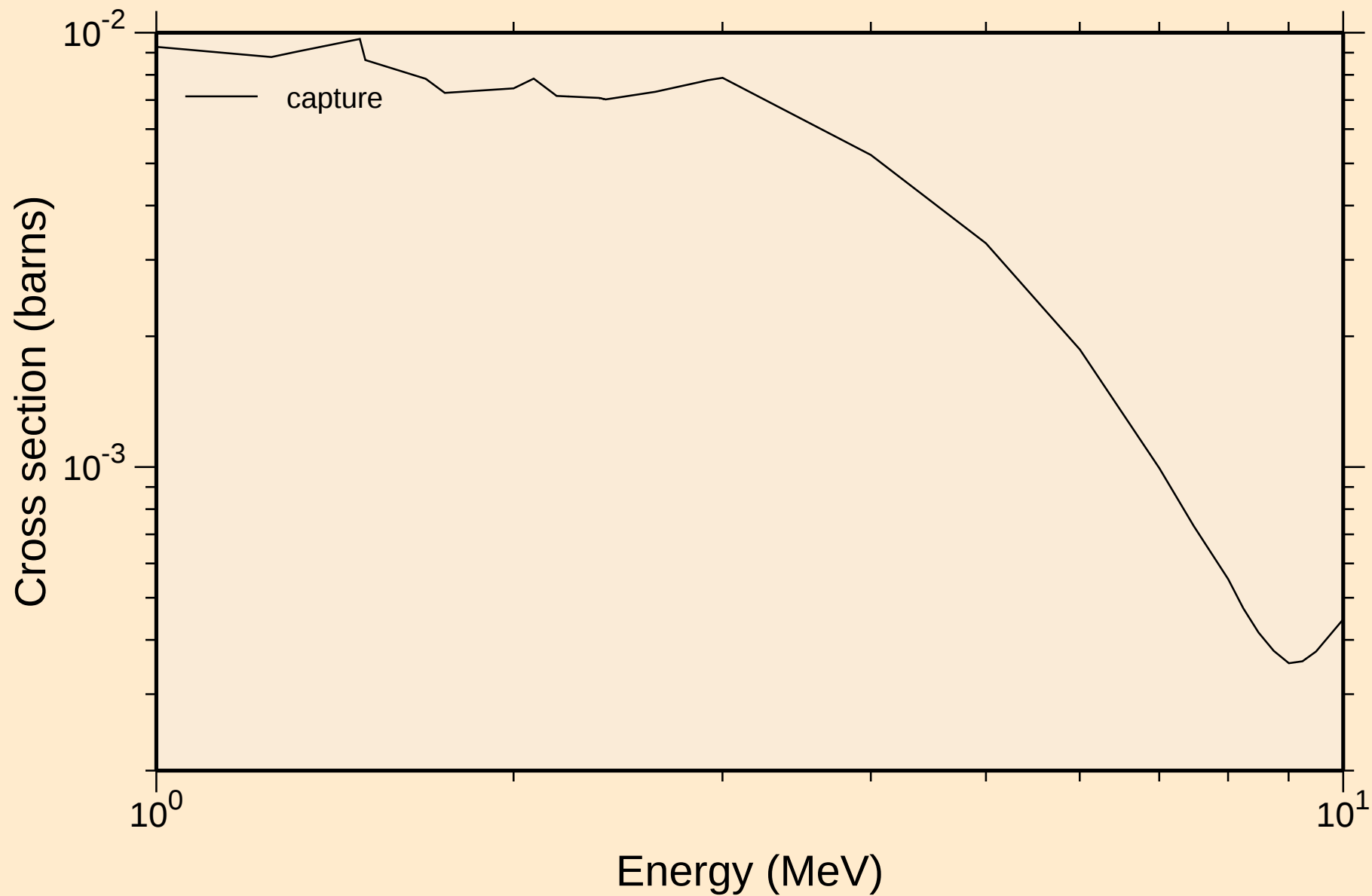


JEFF-3.1 ZR-94

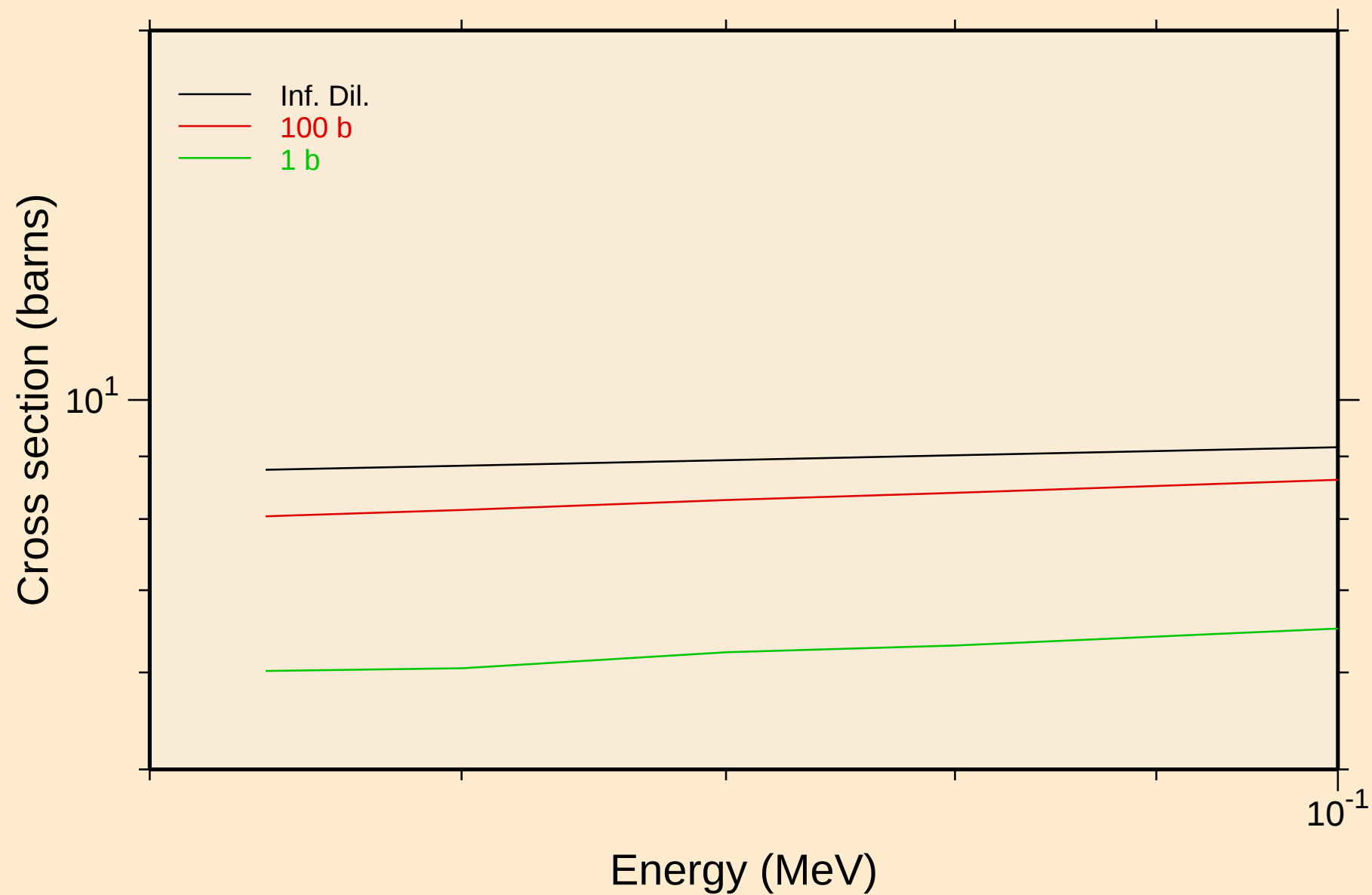
resonance absorption cross sections



JEFF-3.1 ZR-94
resonance absorption cross sections

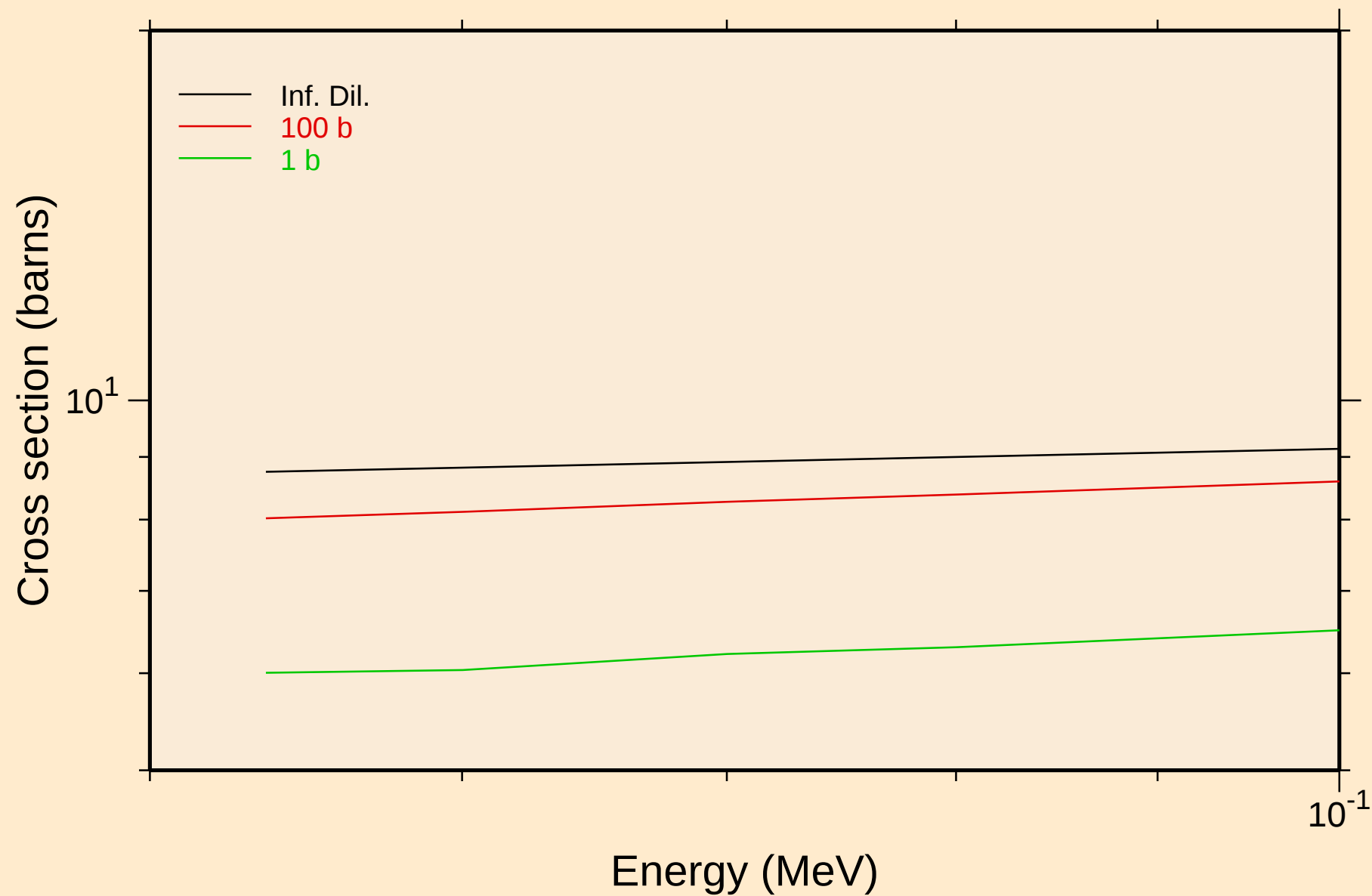


JEFF-3.1 ZR-94
UR total cross section

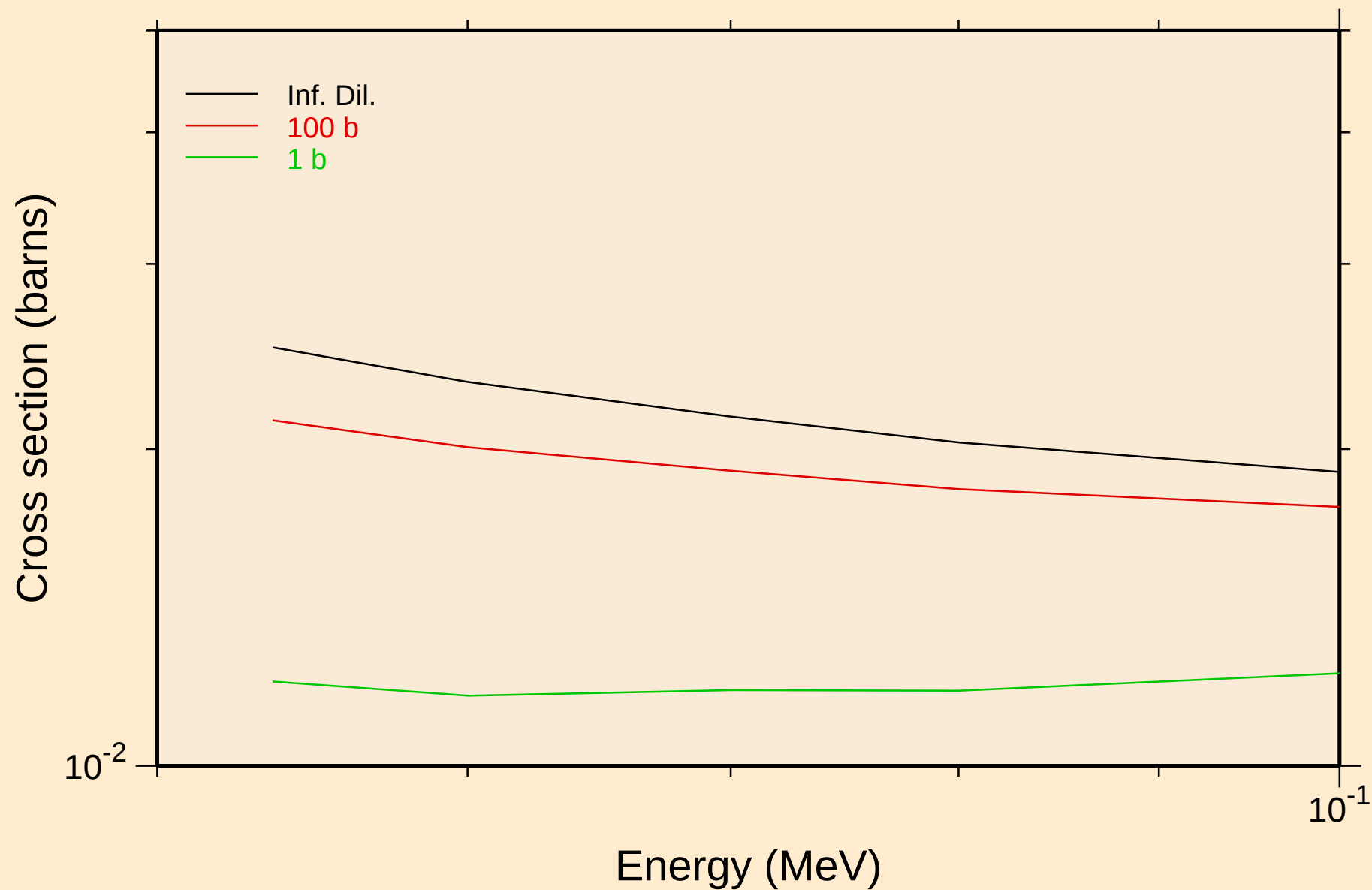


JEFF-3.1 ZR-94

UR elastic cross section

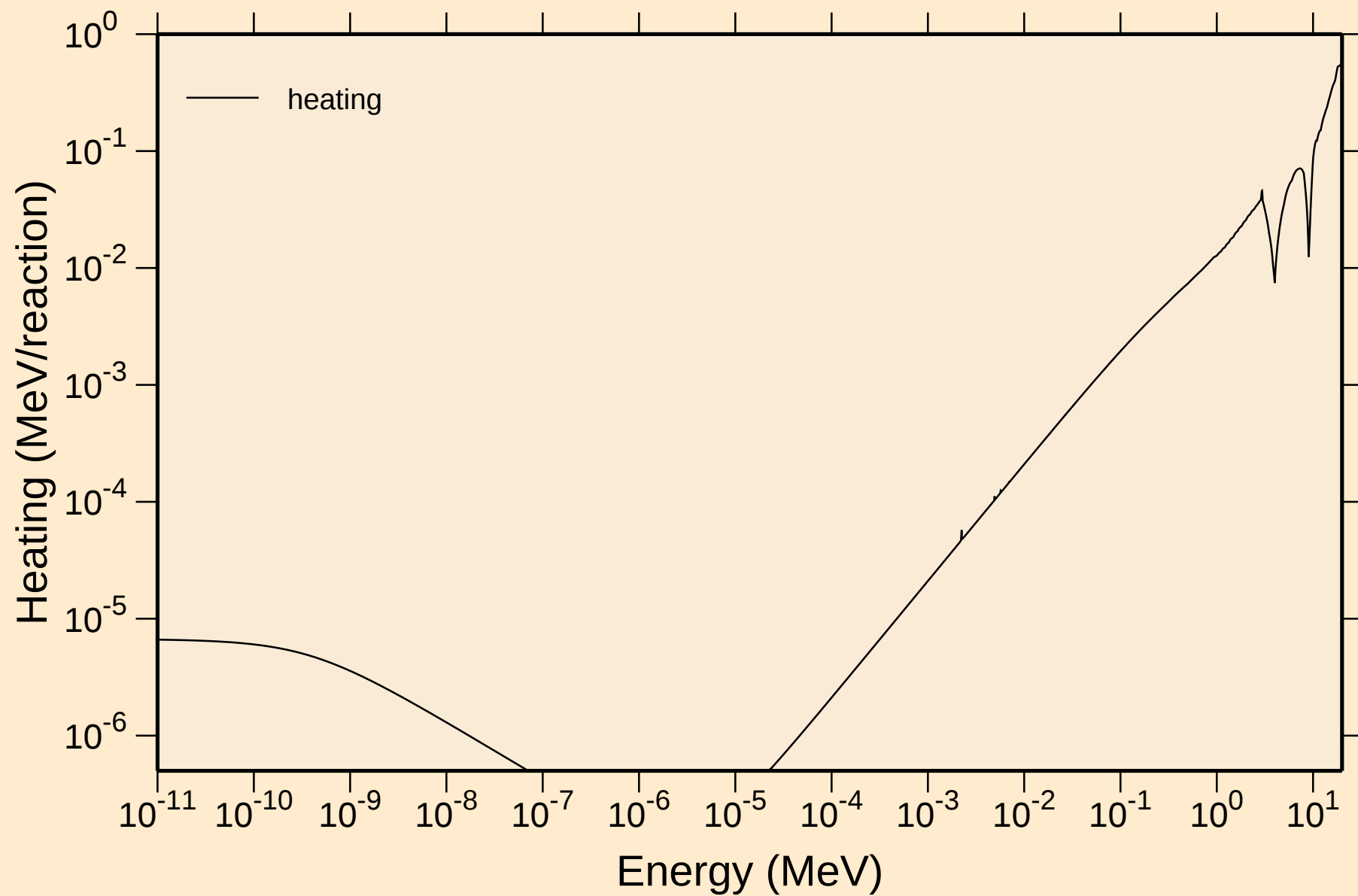


JEFF-3.1 ZR-94
UR capture cross section



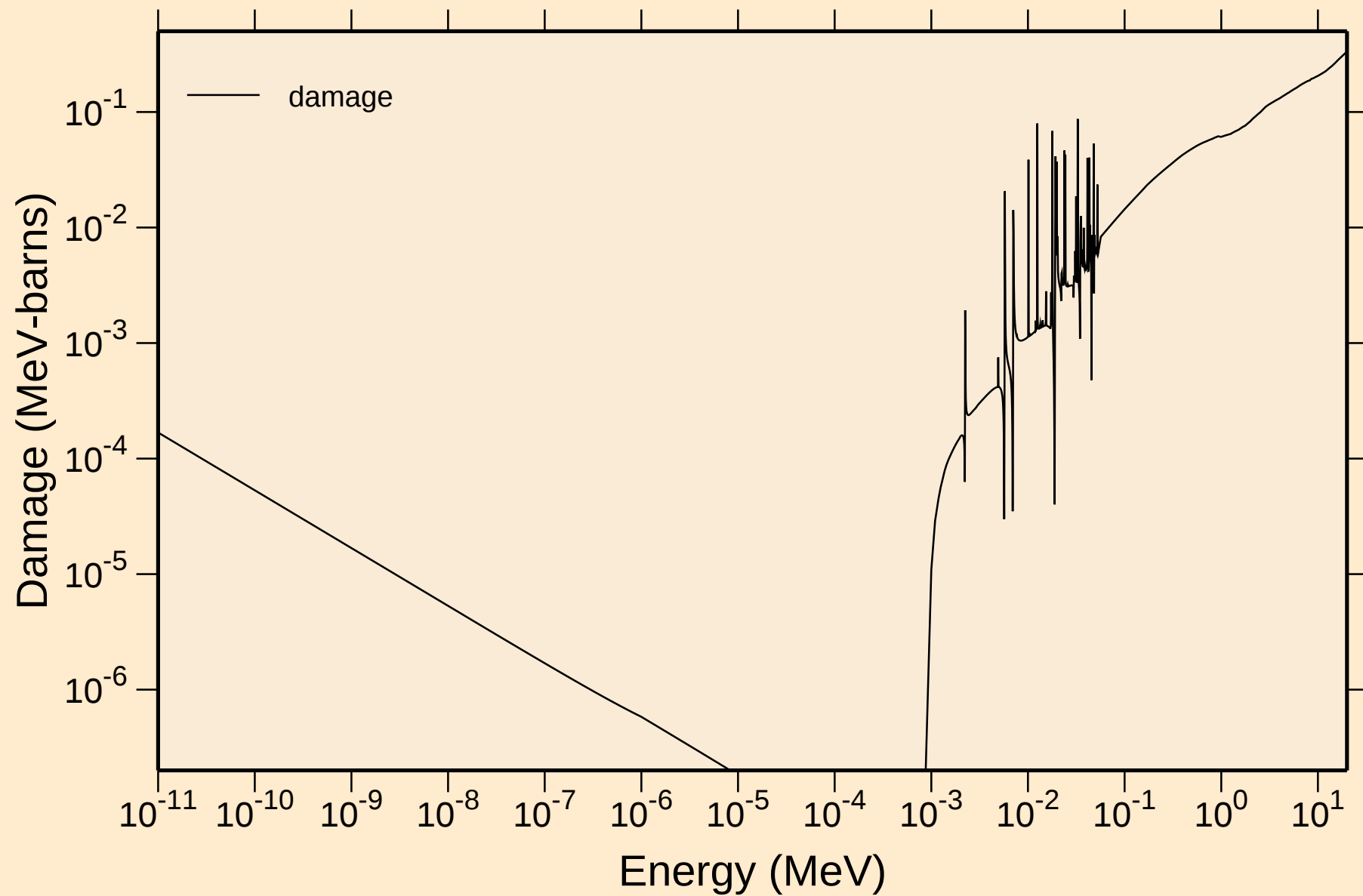
JEFF-3.1 ZR-94

Heating



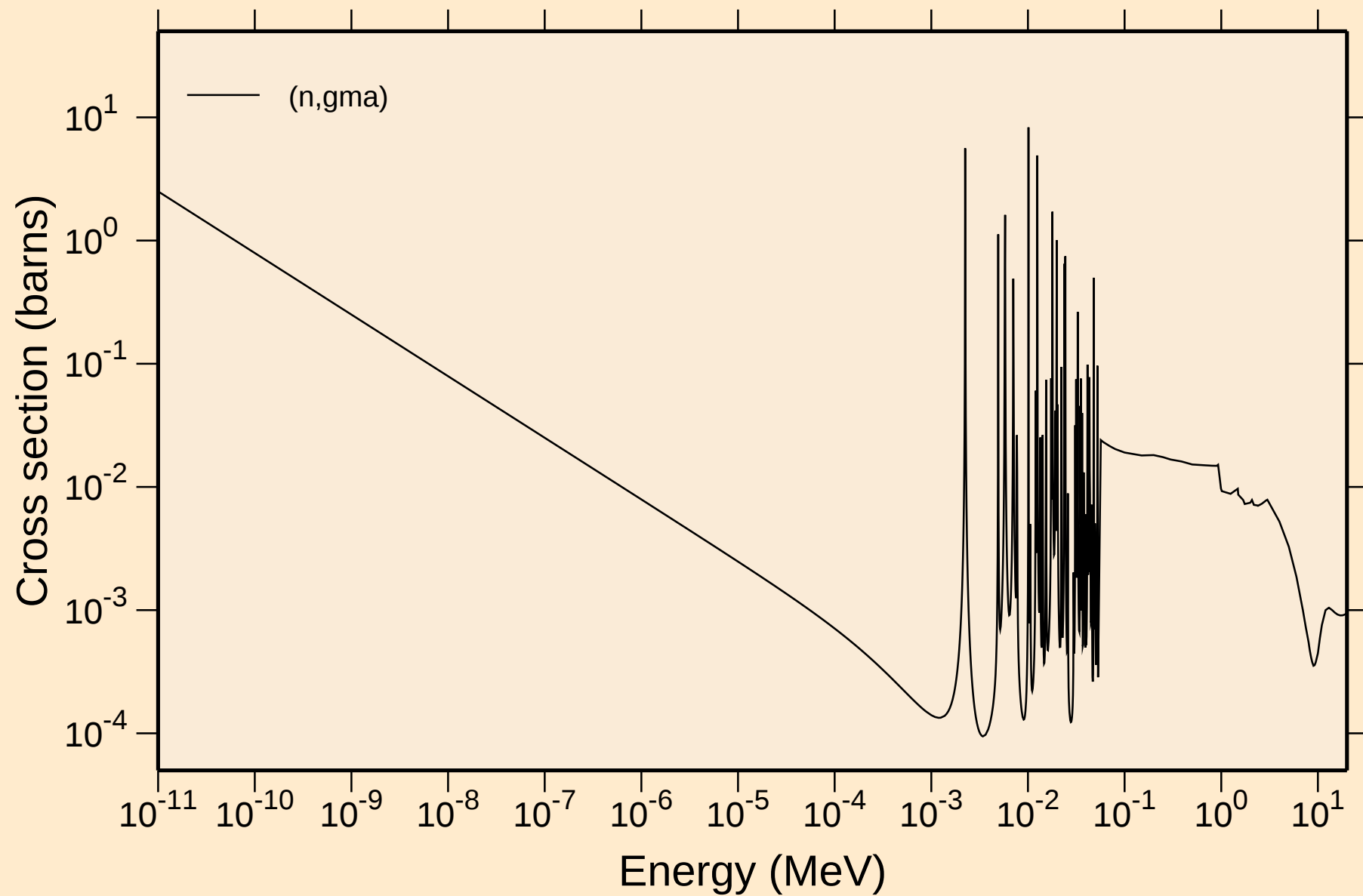
JEFF-3.1 ZR-94

Damage



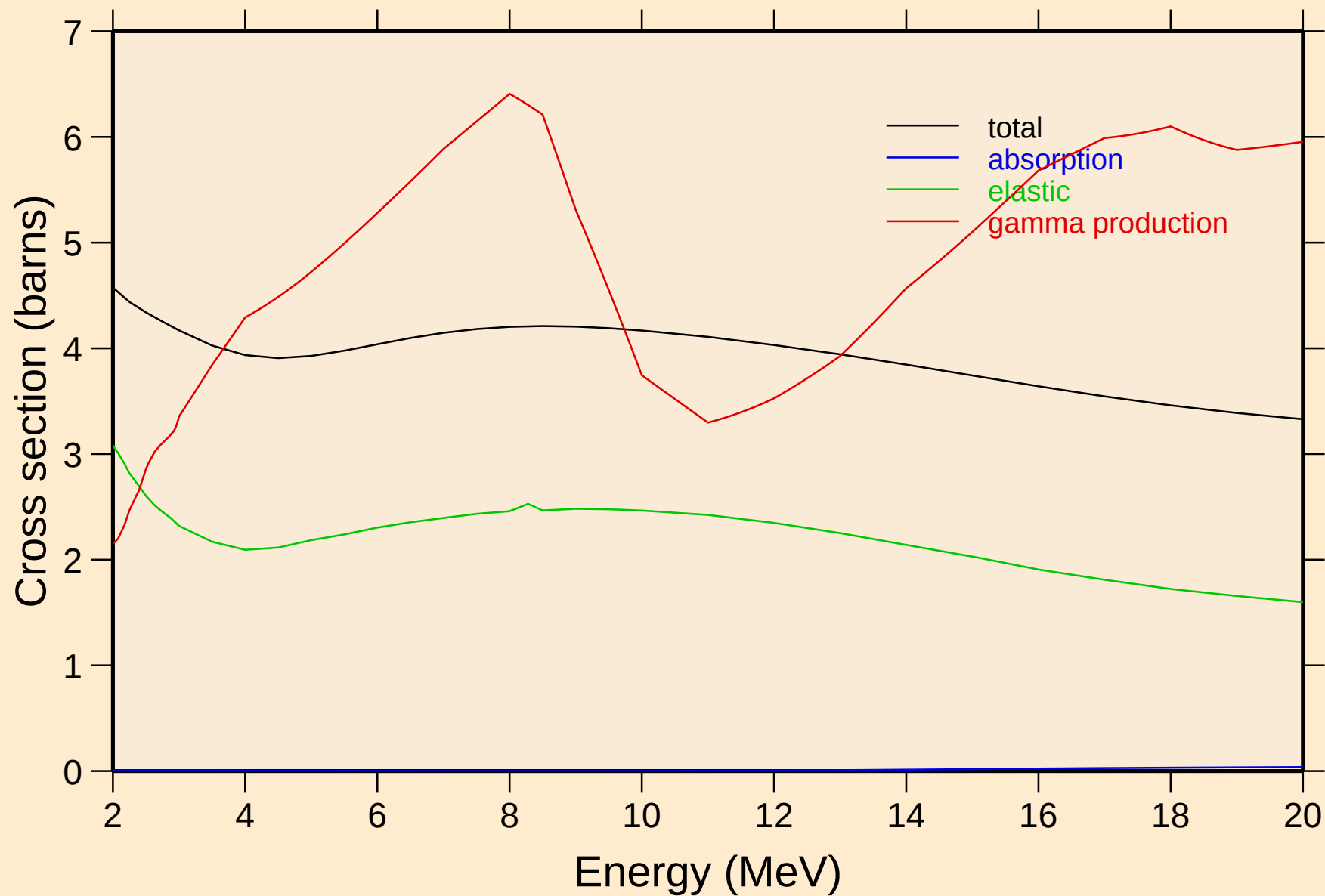
JEFF-3.1 ZR-94

Non-threshold reactions



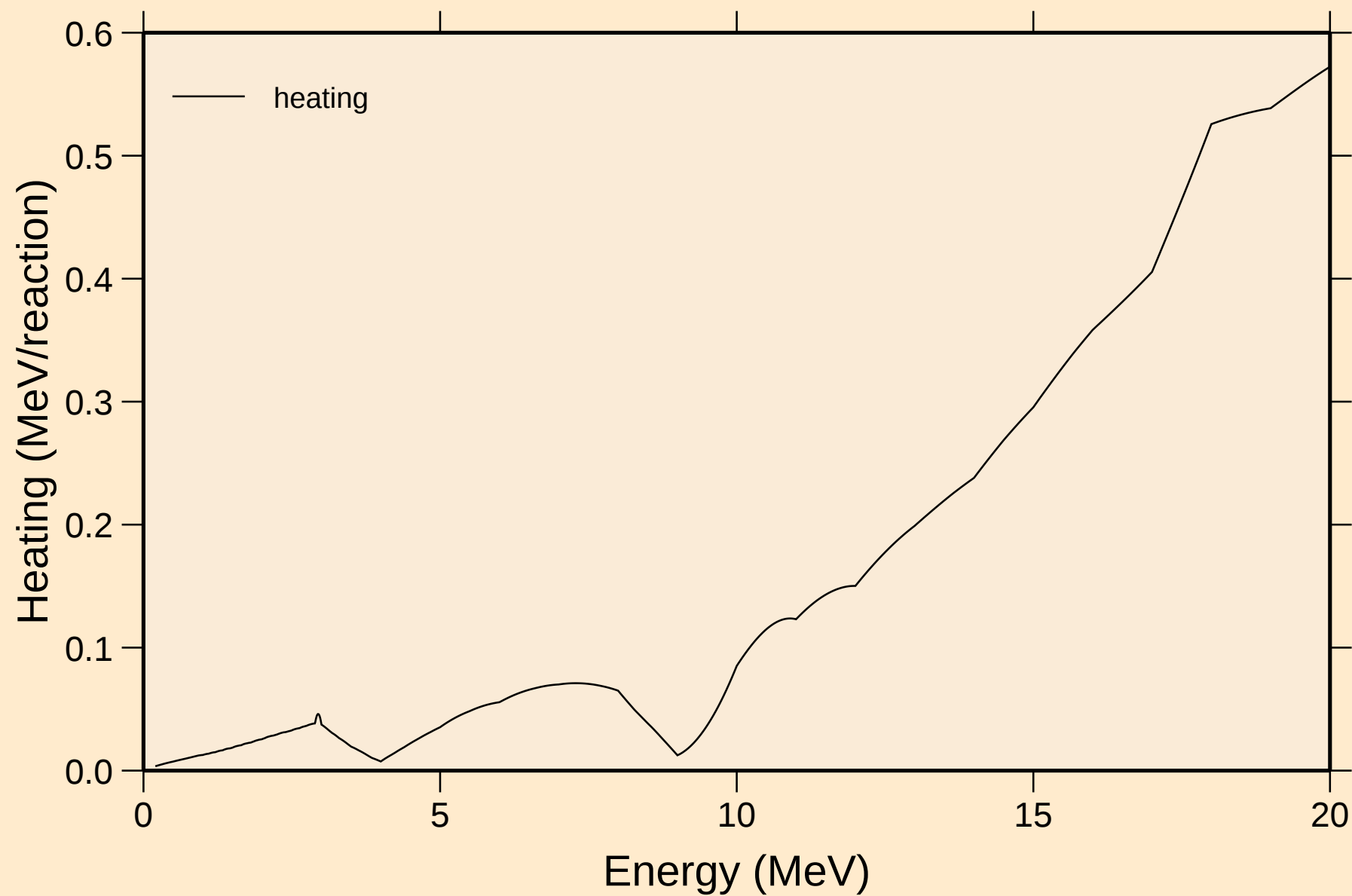
JEFF-3.1 ZR-94

Principal cross sections



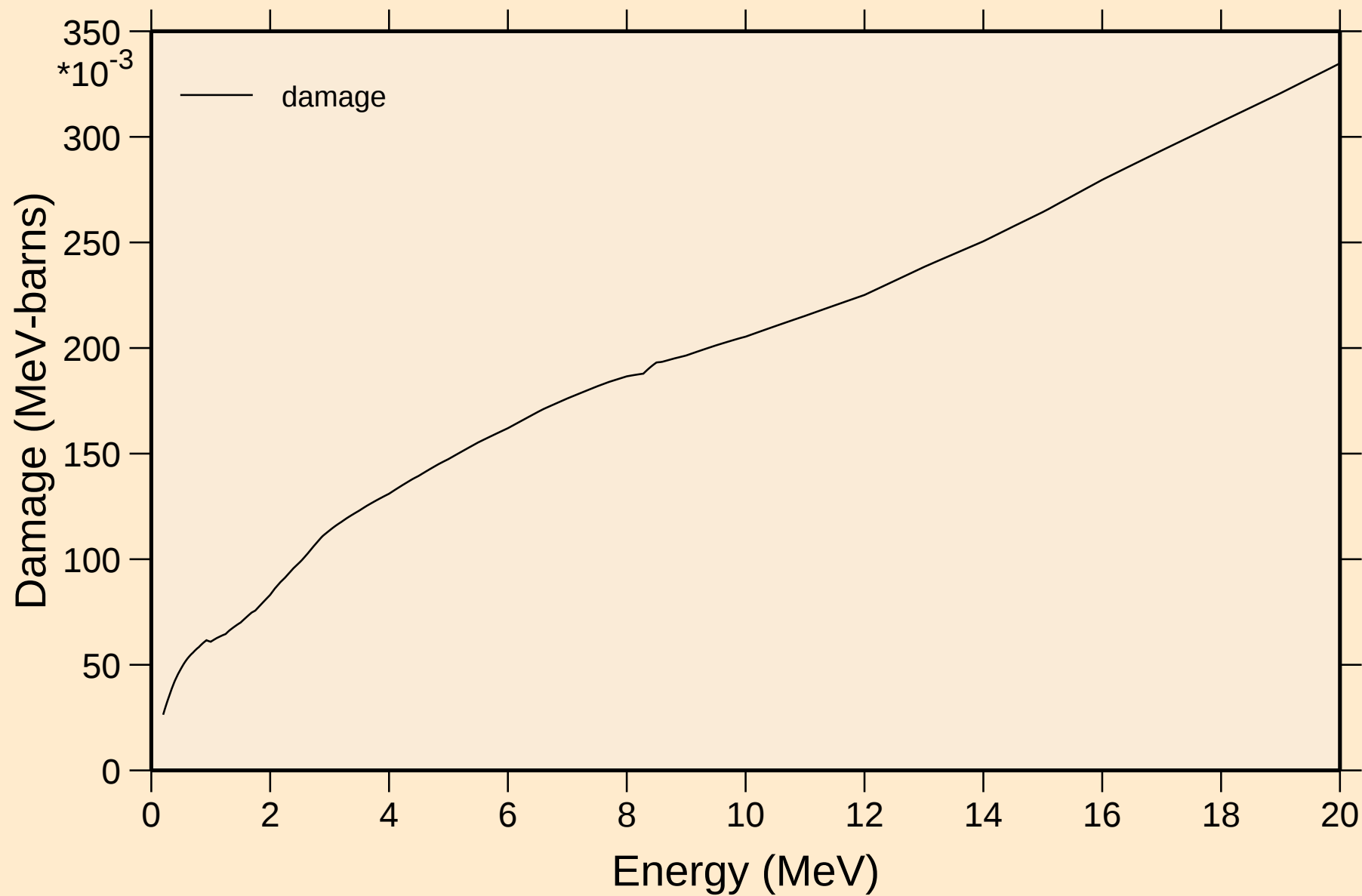
JEFF-3.1 ZR-94

Heating



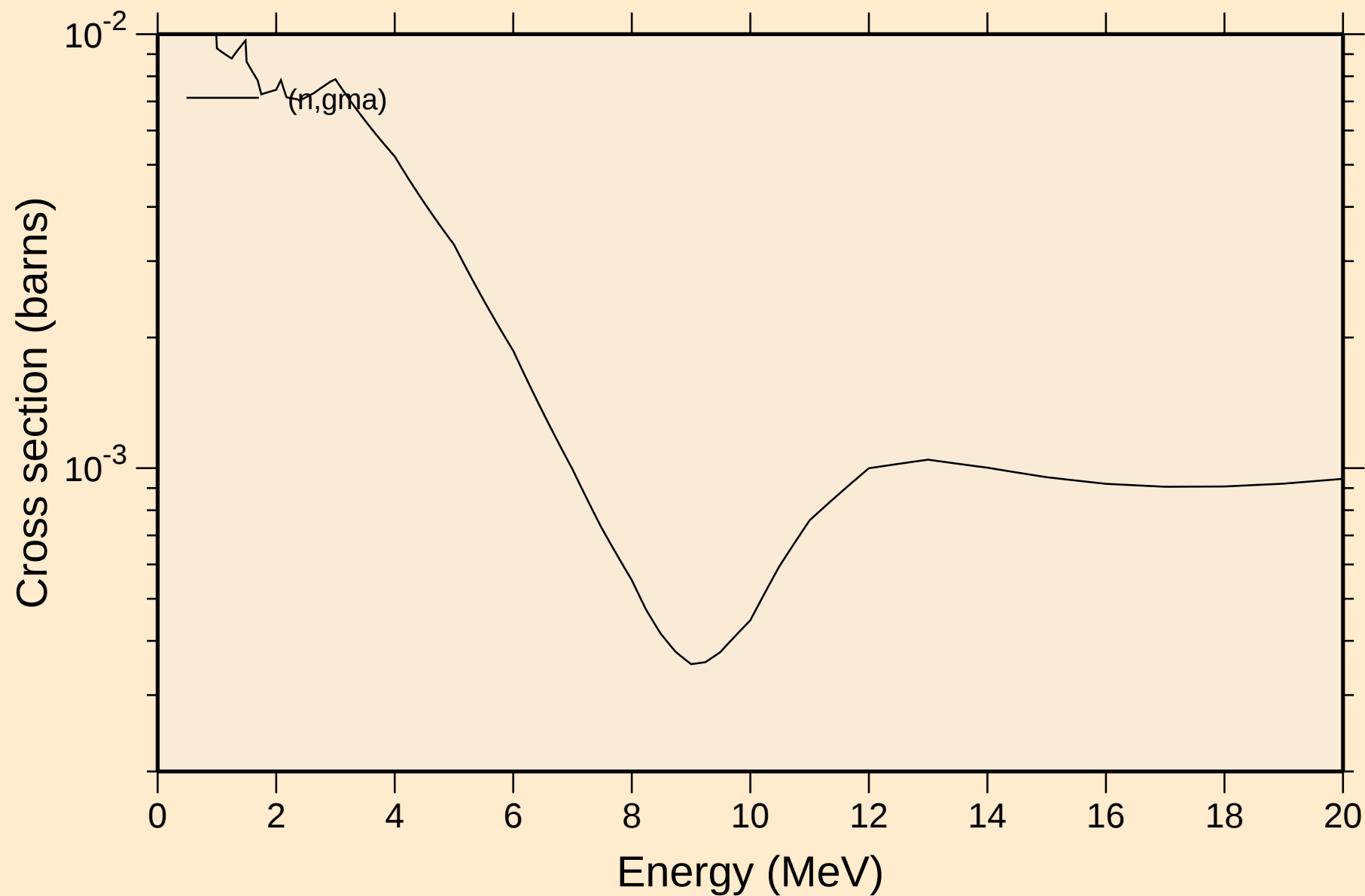
JEFF-3.1 ZR-94

Damage



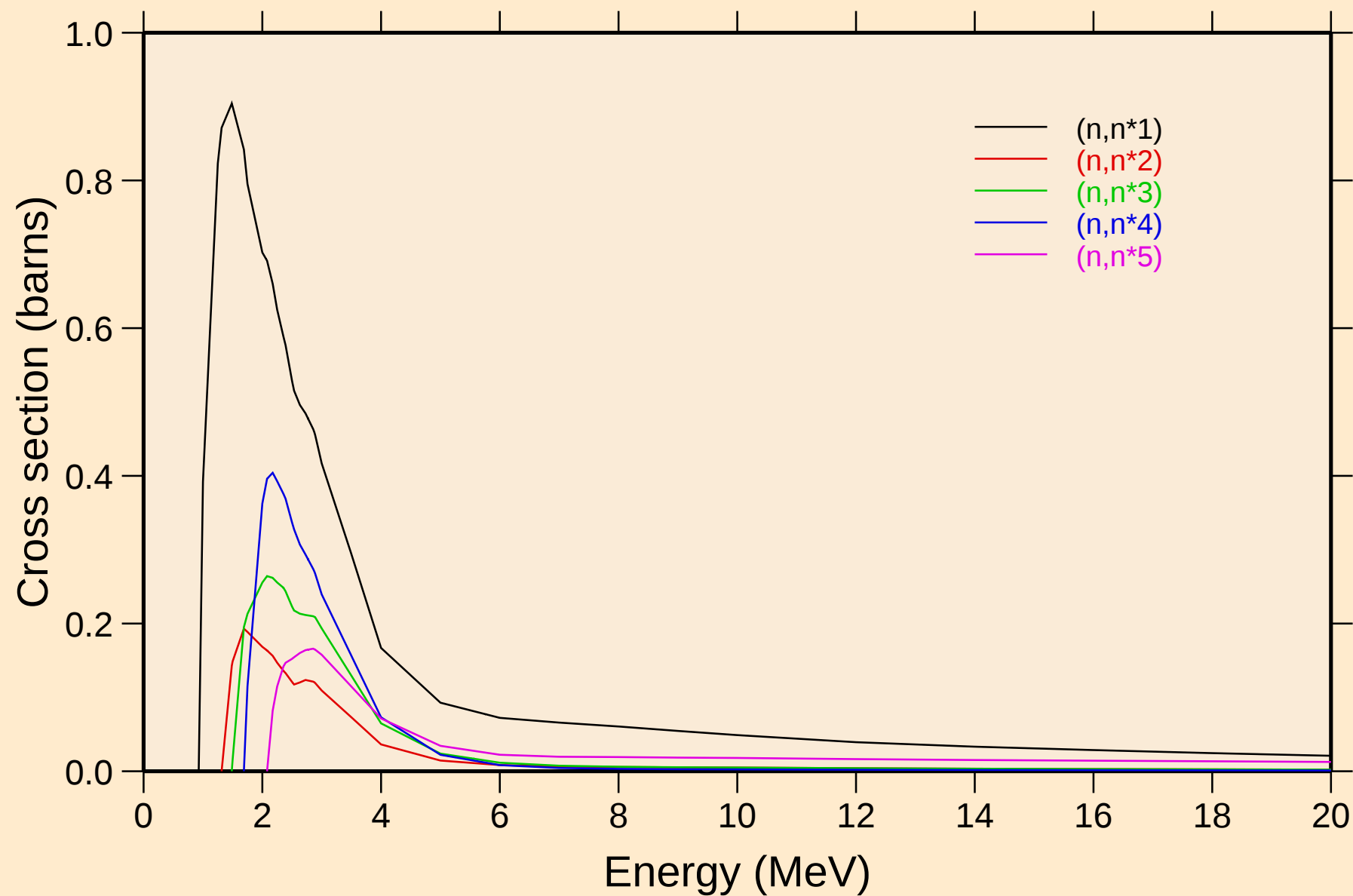
JEFF-3.1 ZR-94

Non-threshold reactions



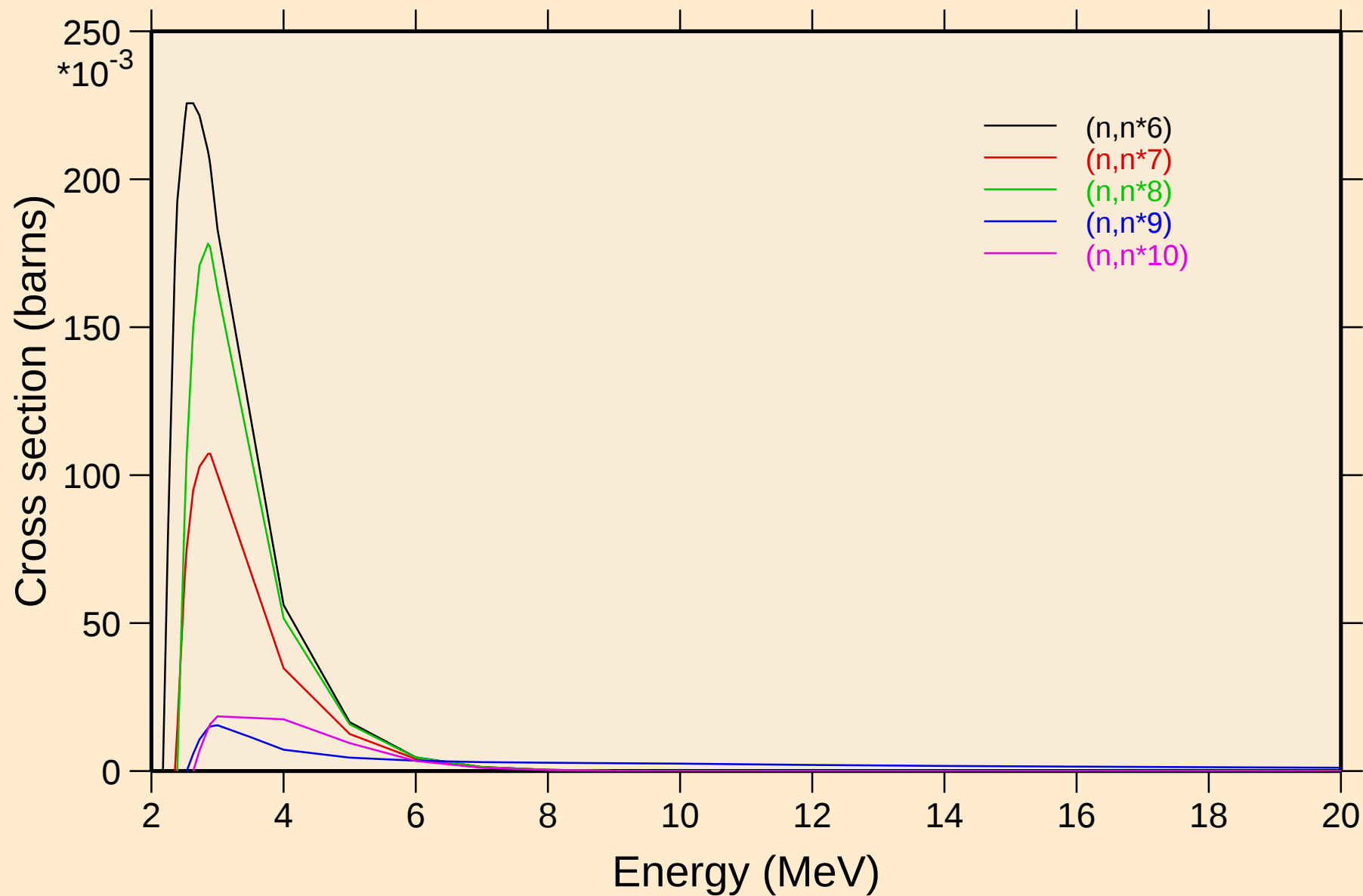
JEFF-3.1 ZR-94

Inelastic levels



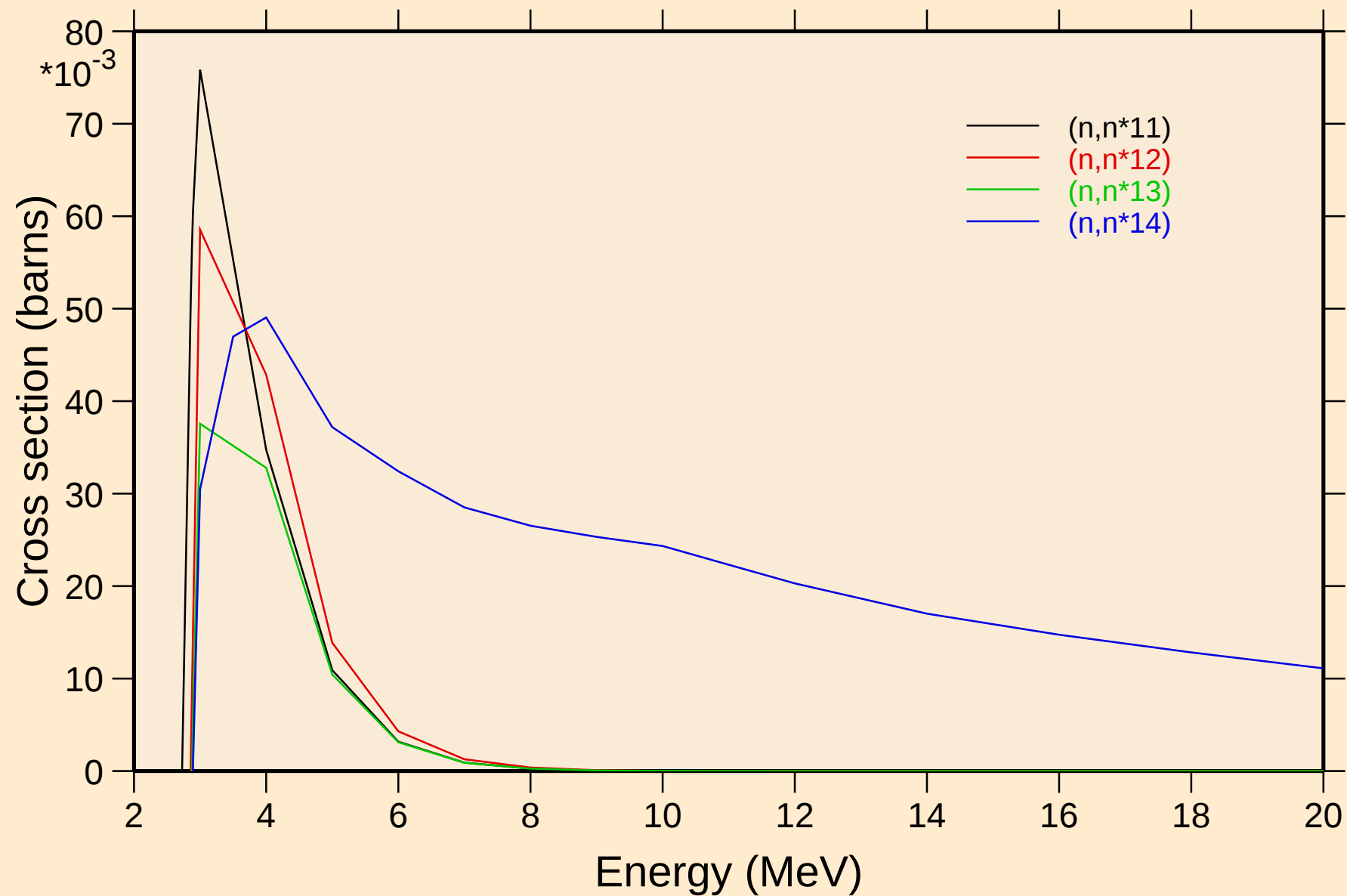
JEFF-3.1 ZR-94

Inelastic levels



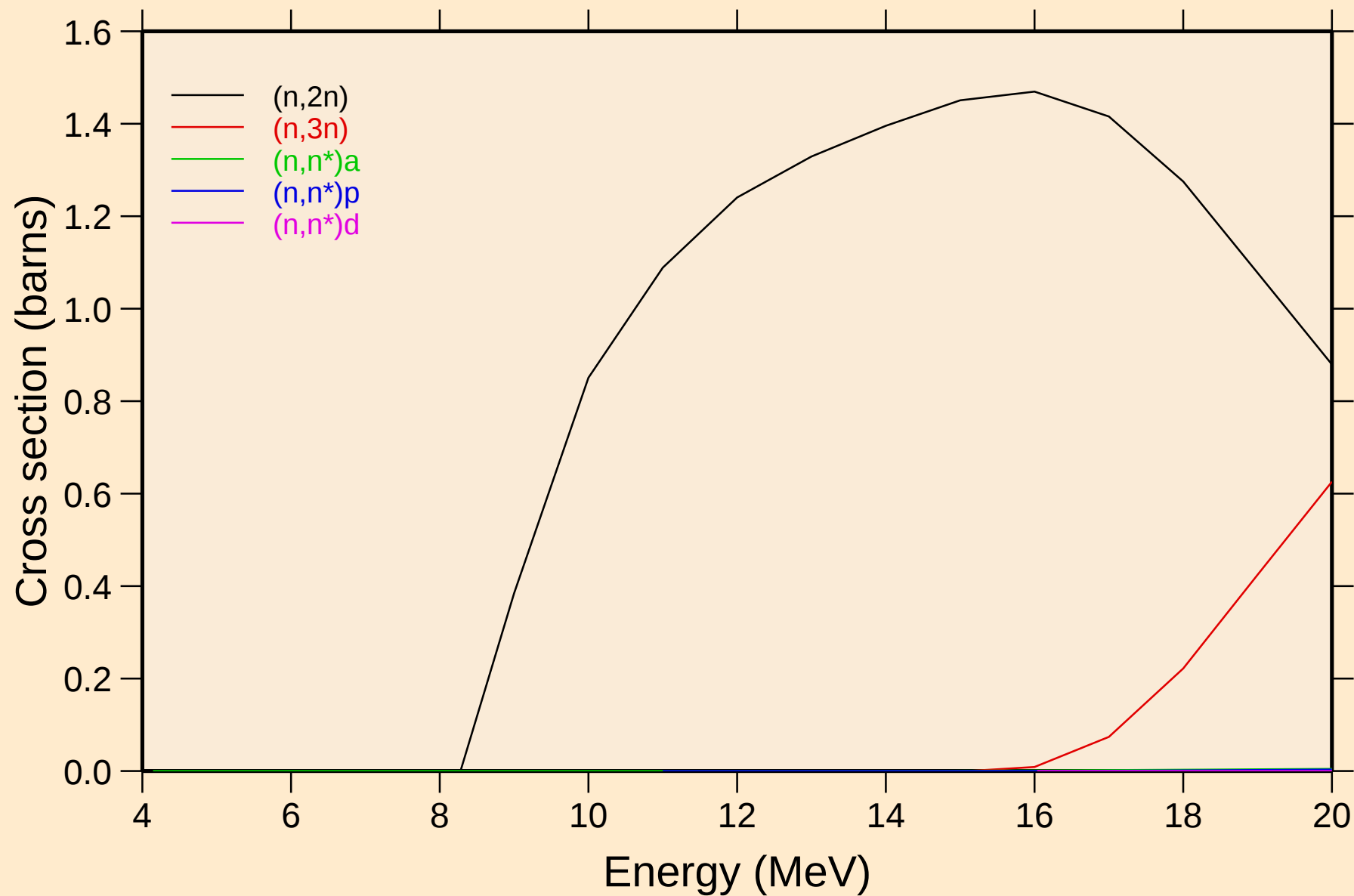
JEFF-3.1 ZR-94

Inelastic levels



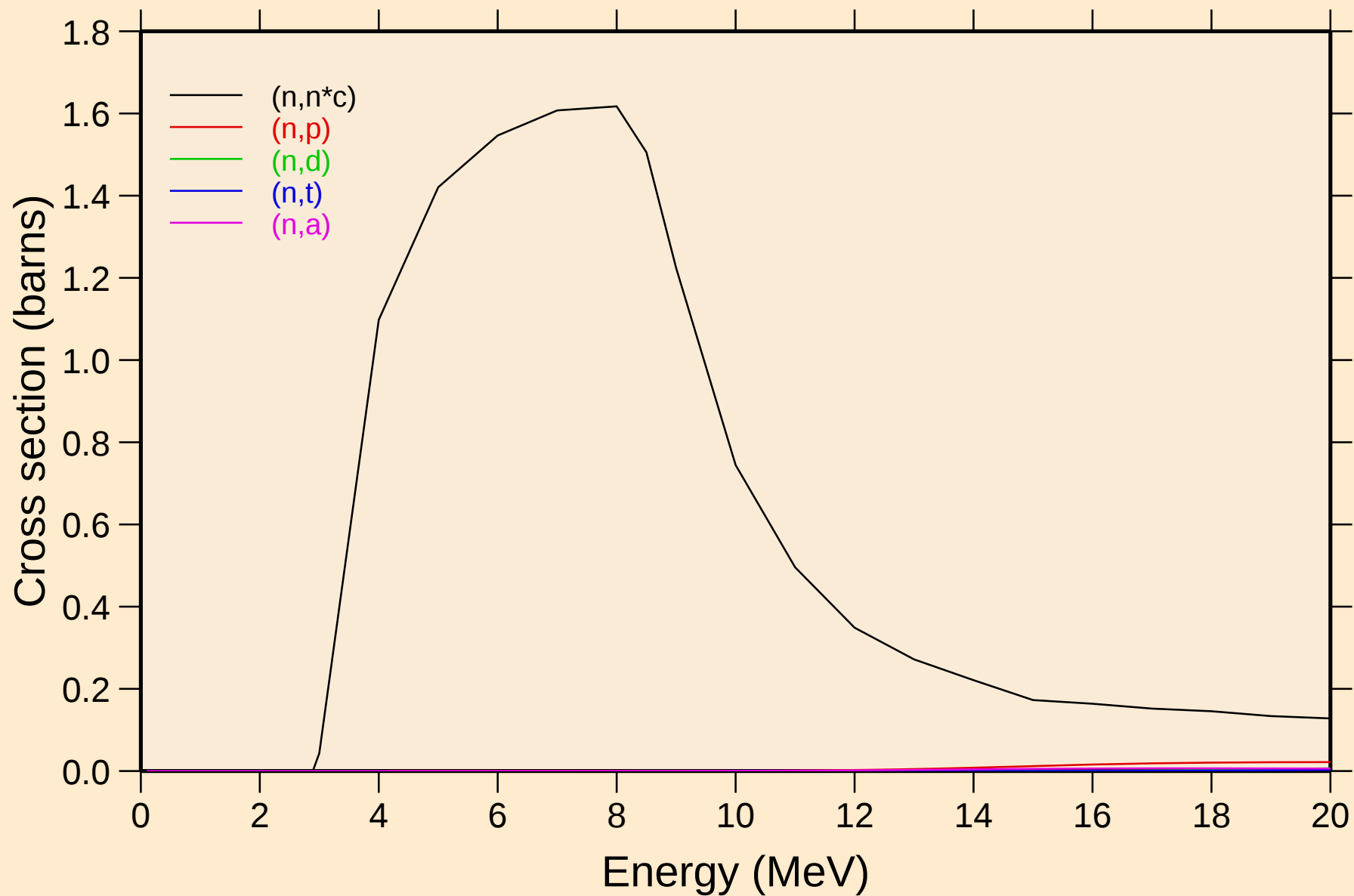
JEFF-3.1 ZR-94

Threshold reactions



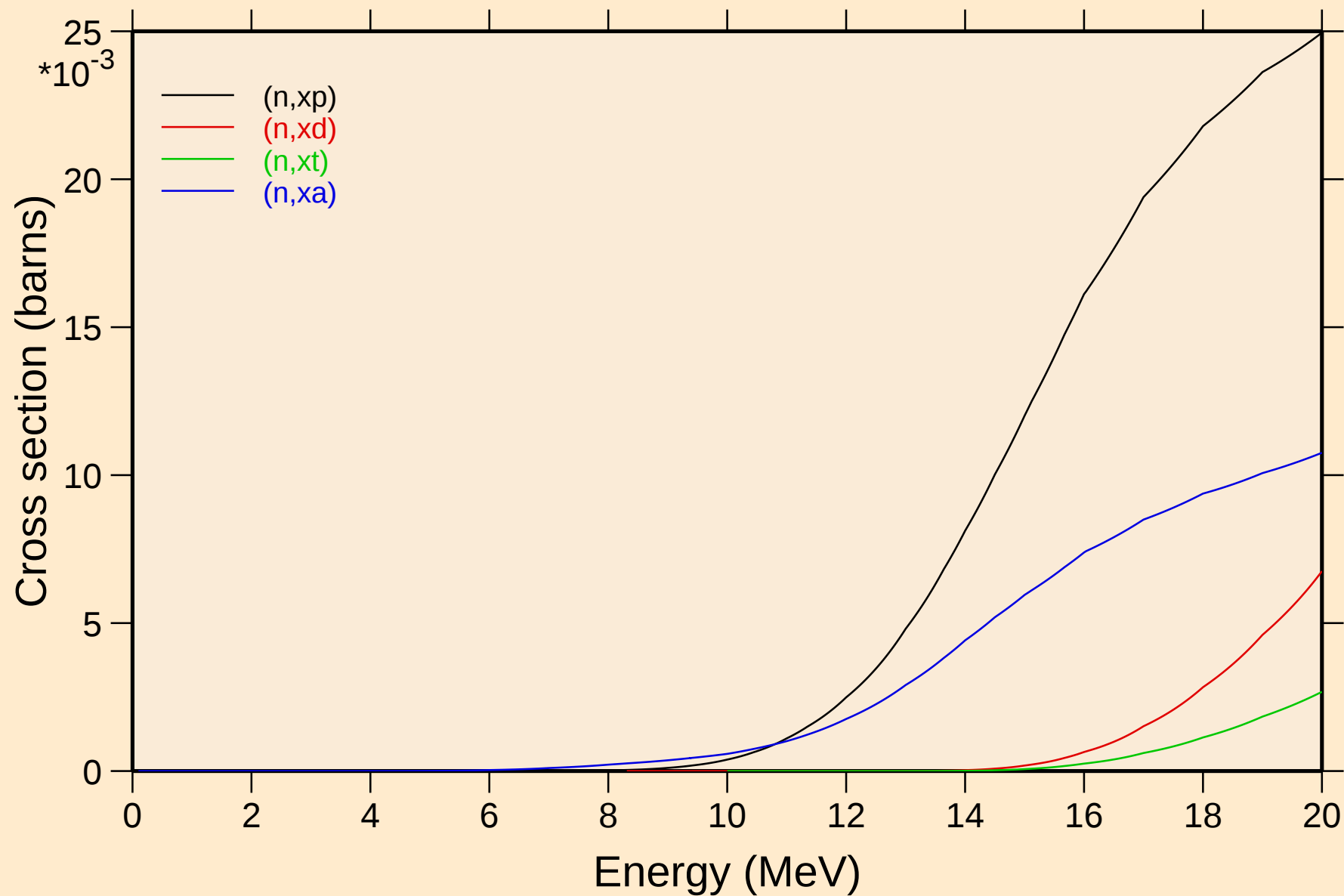
JEFF-3.1 ZR-94

Threshold reactions

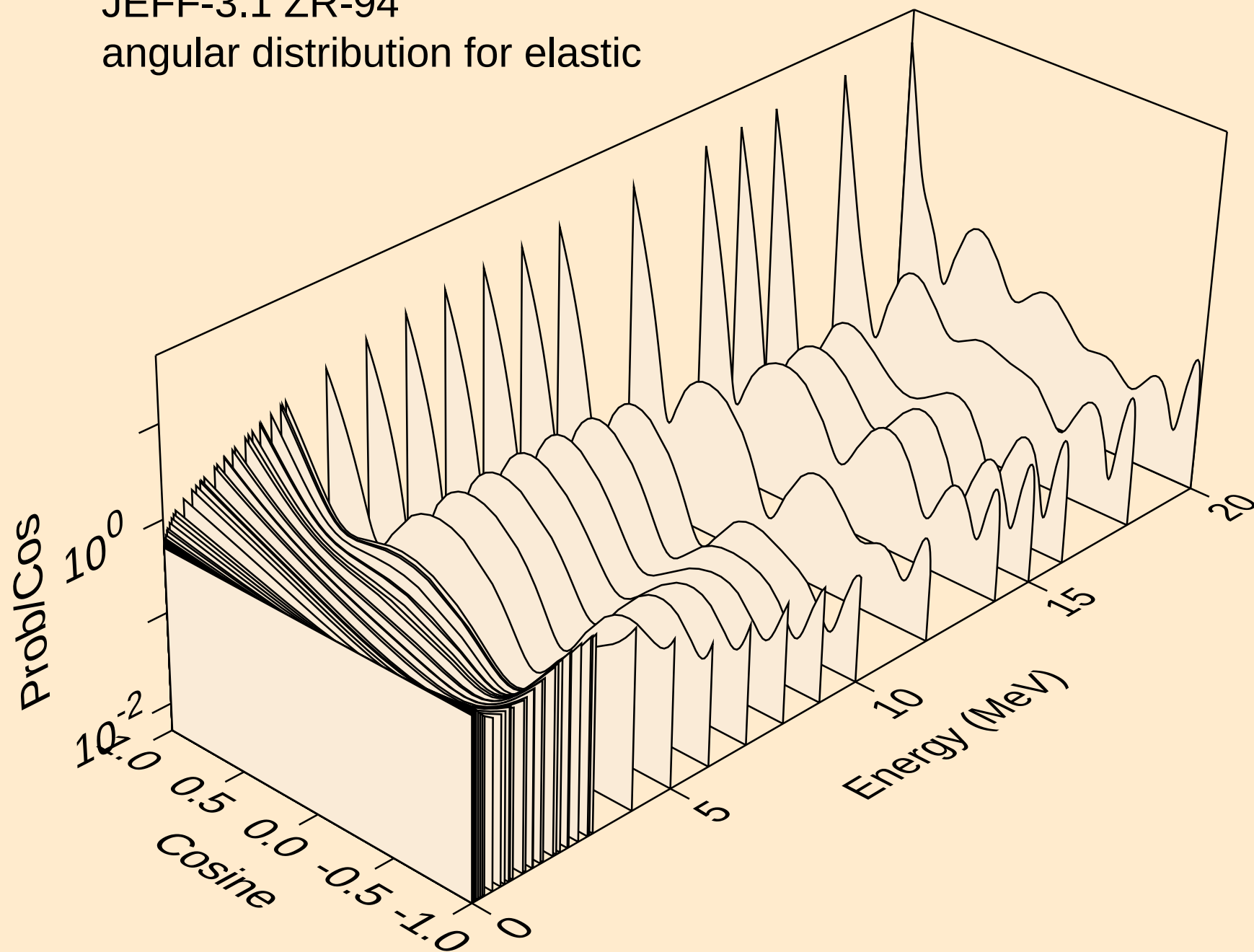


JEFF-3.1 ZR-94

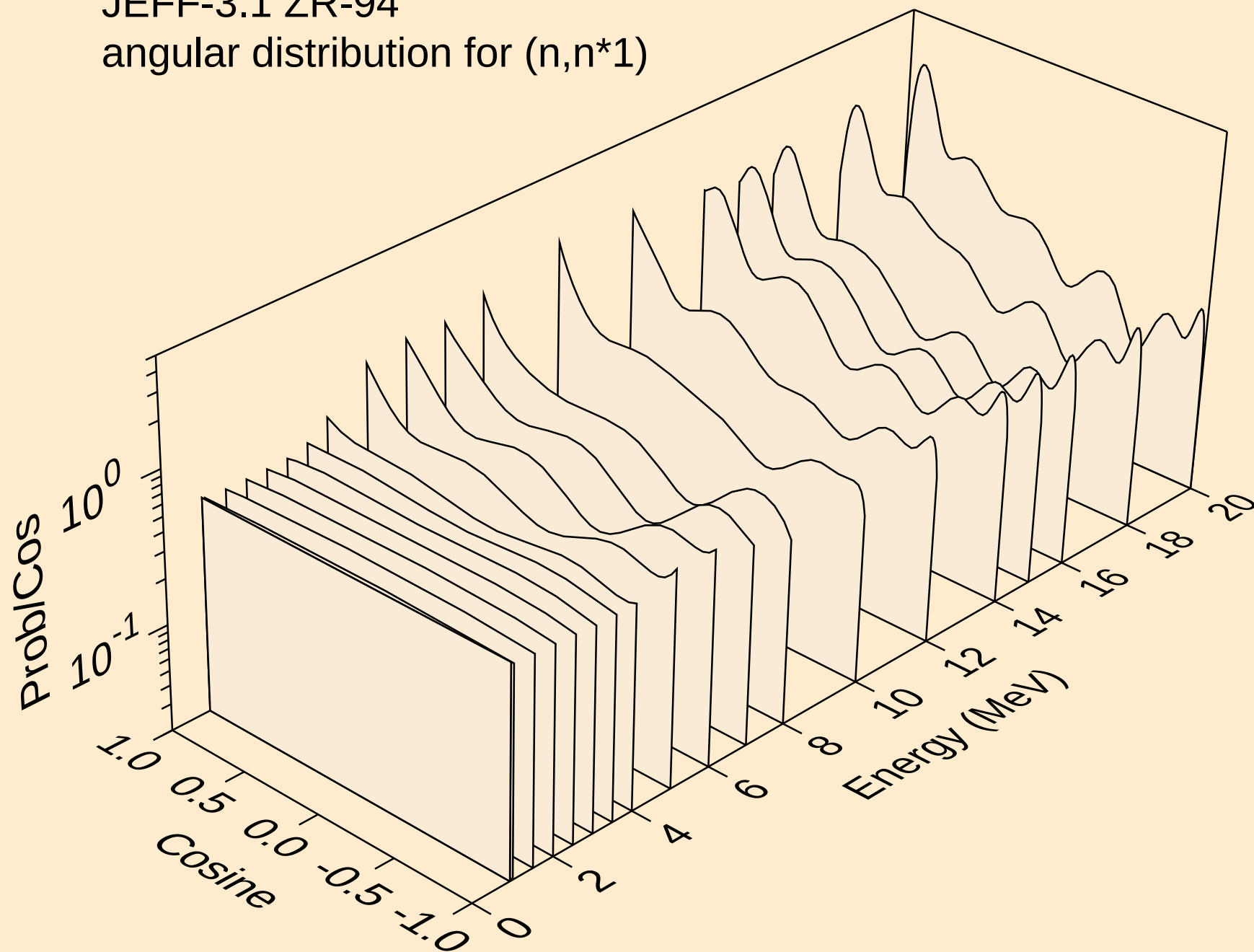
Threshold reactions



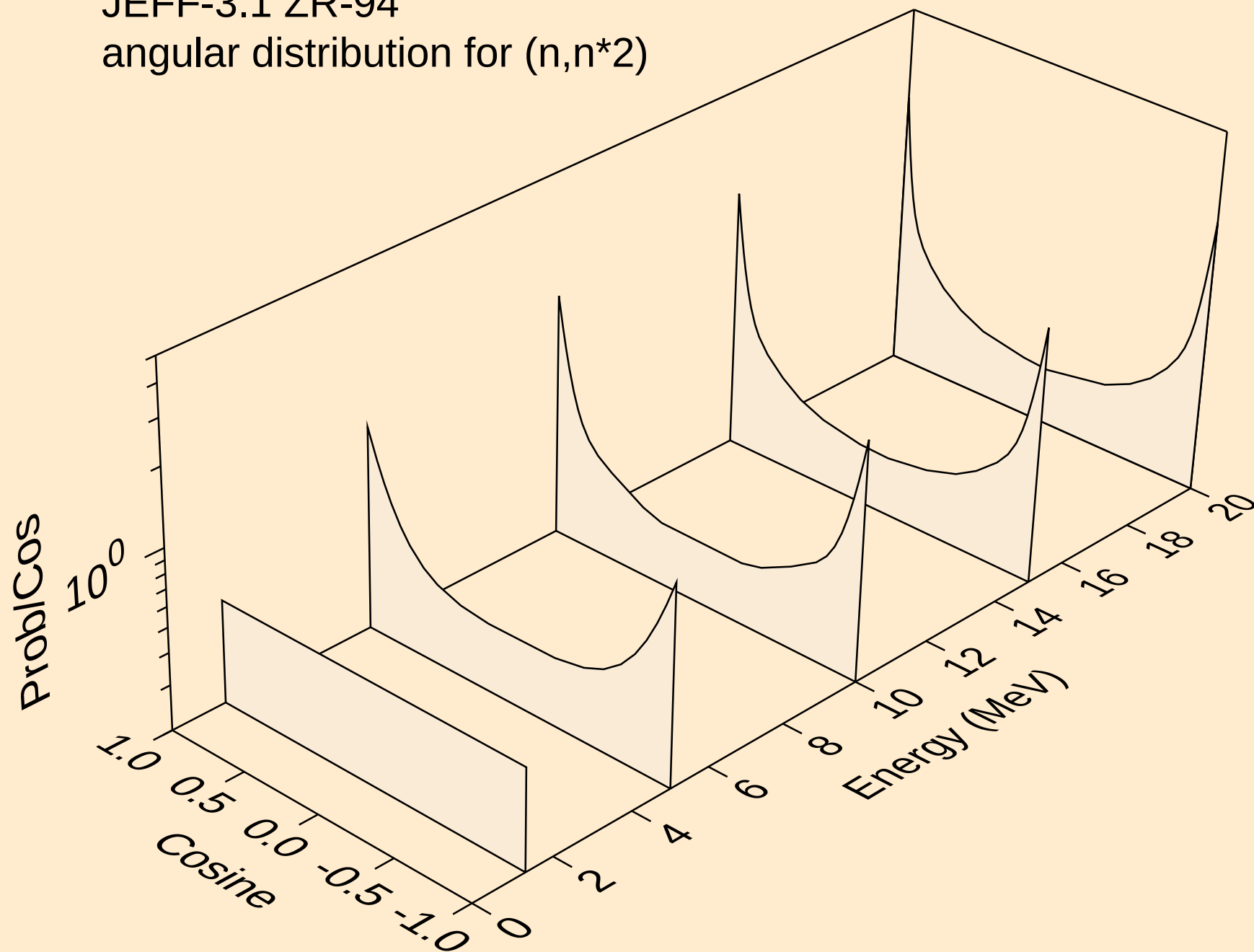
JEFF-3.1 ZR-94
angular distribution for elastic



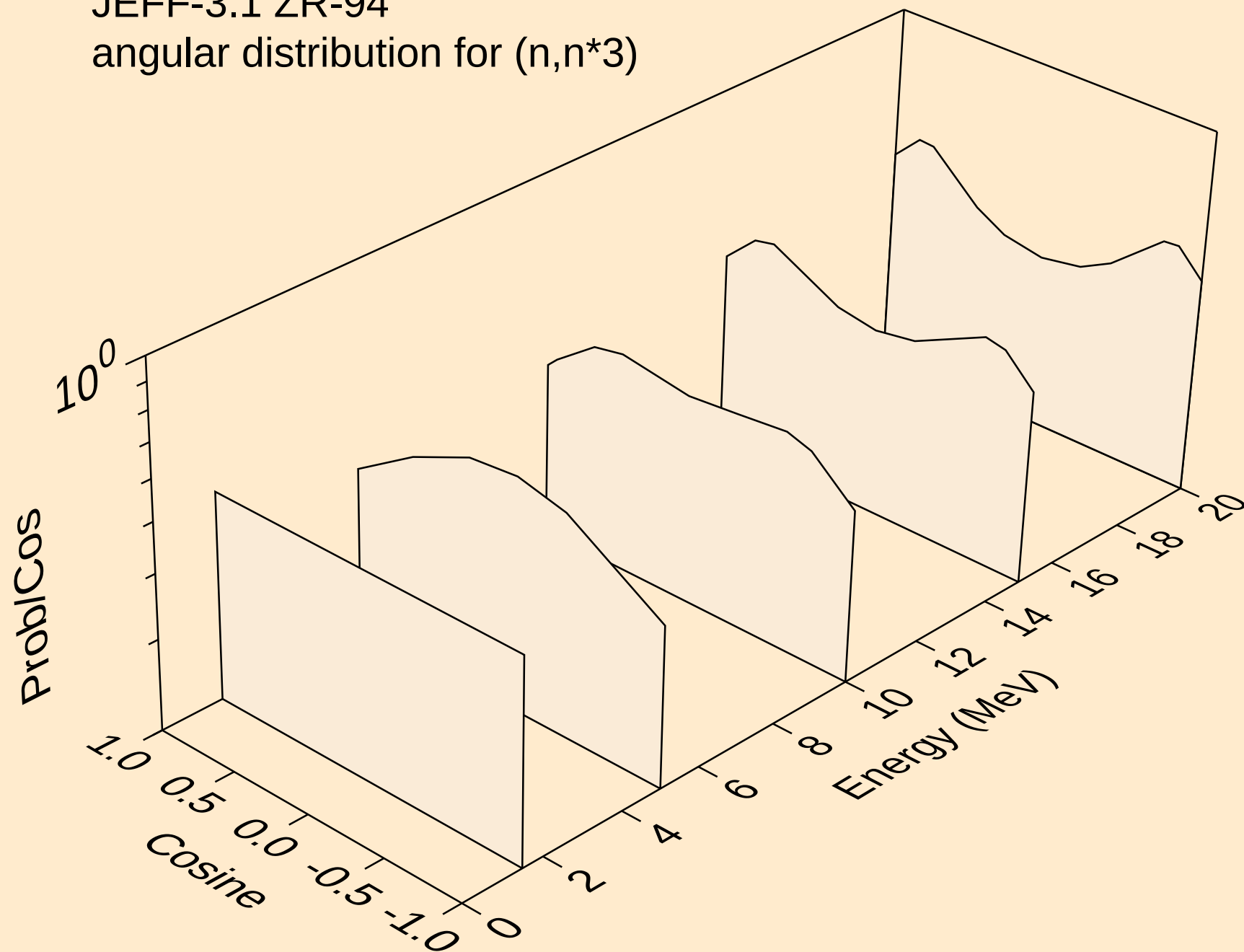
JEFF-3.1 ZR-94
angular distribution for (n,n*1)



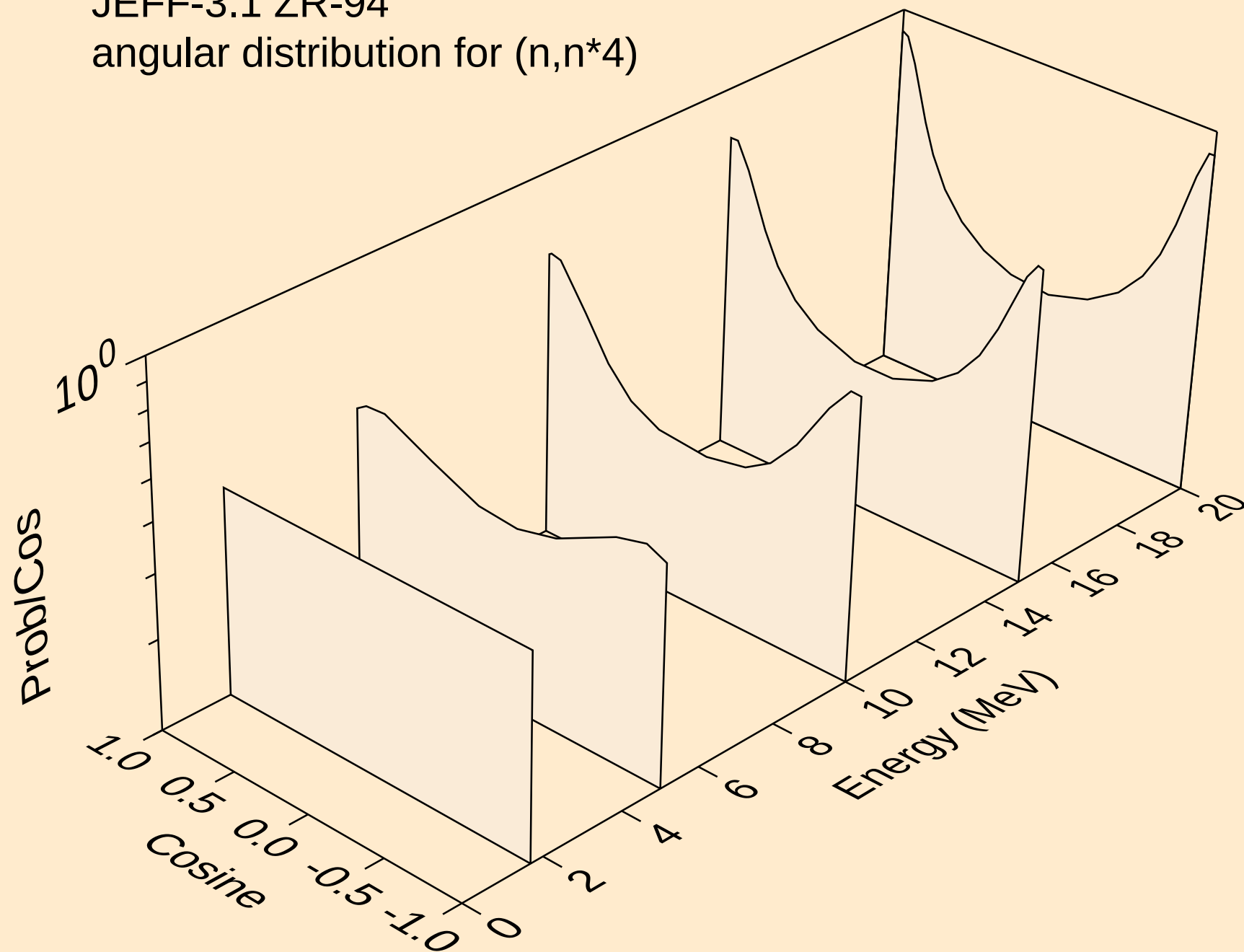
JEFF-3.1 ZR-94
angular distribution for (n,n*2)



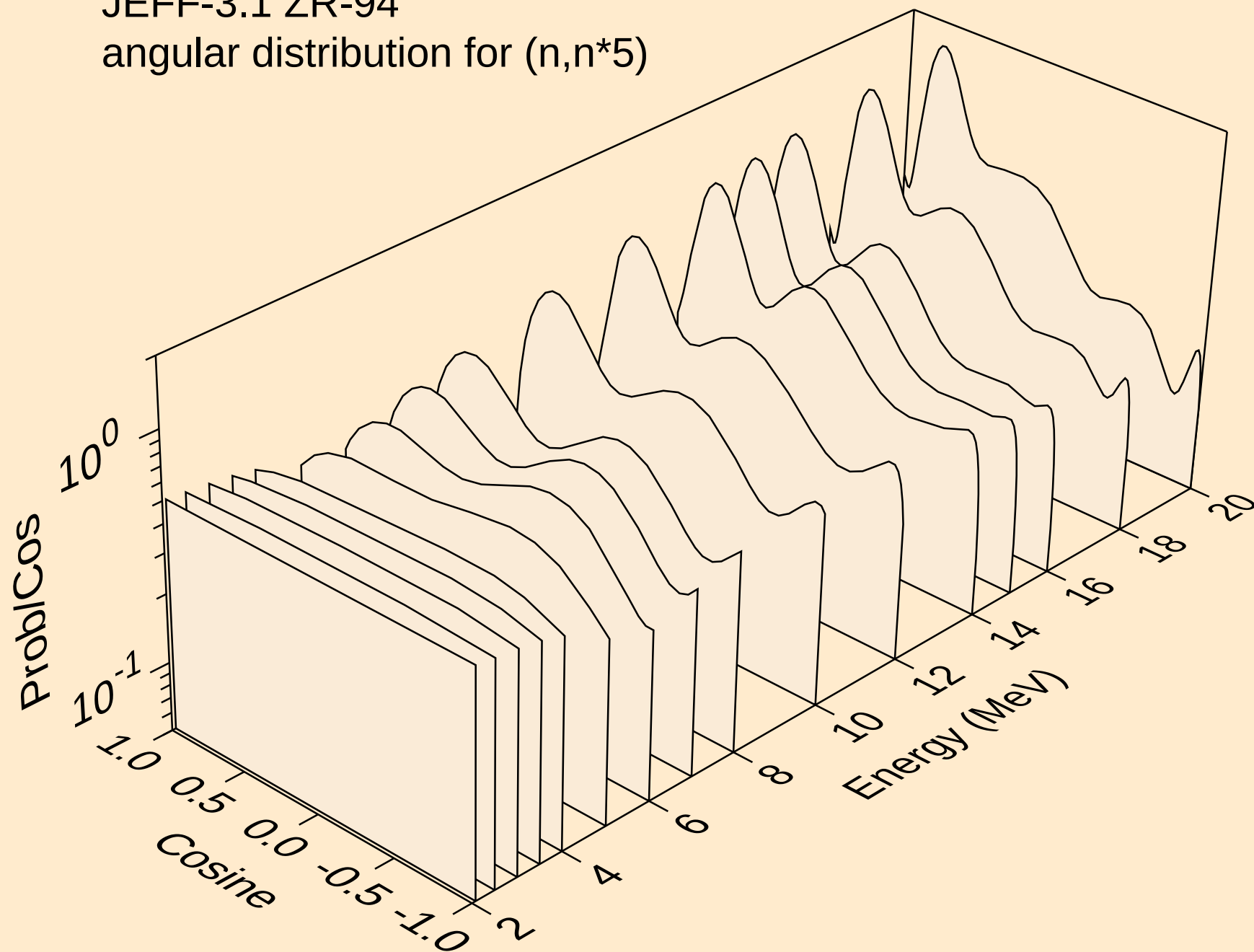
JEFF-3.1 ZR-94
angular distribution for (n,n*3)



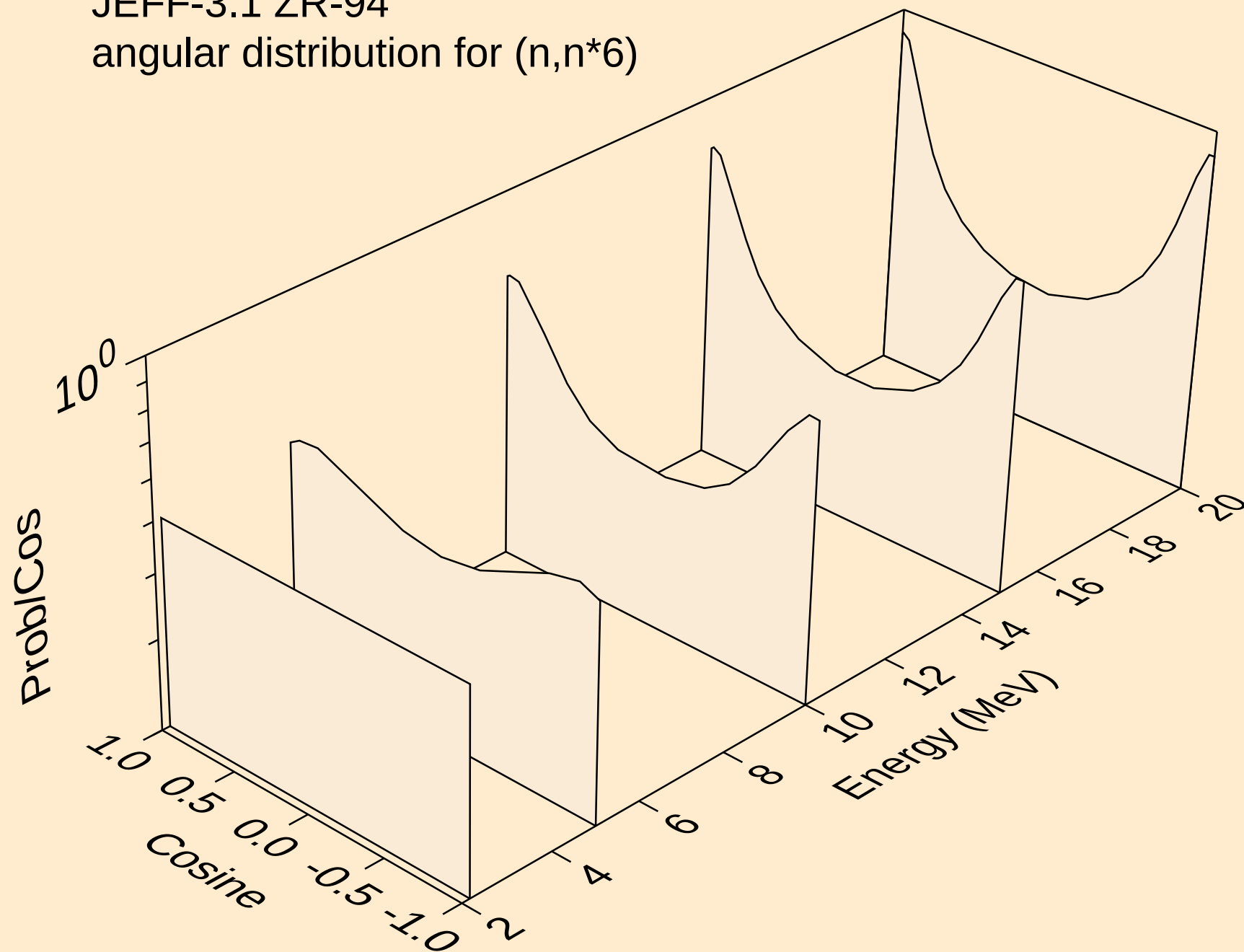
JEFF-3.1 ZR-94
angular distribution for (n,n*4)



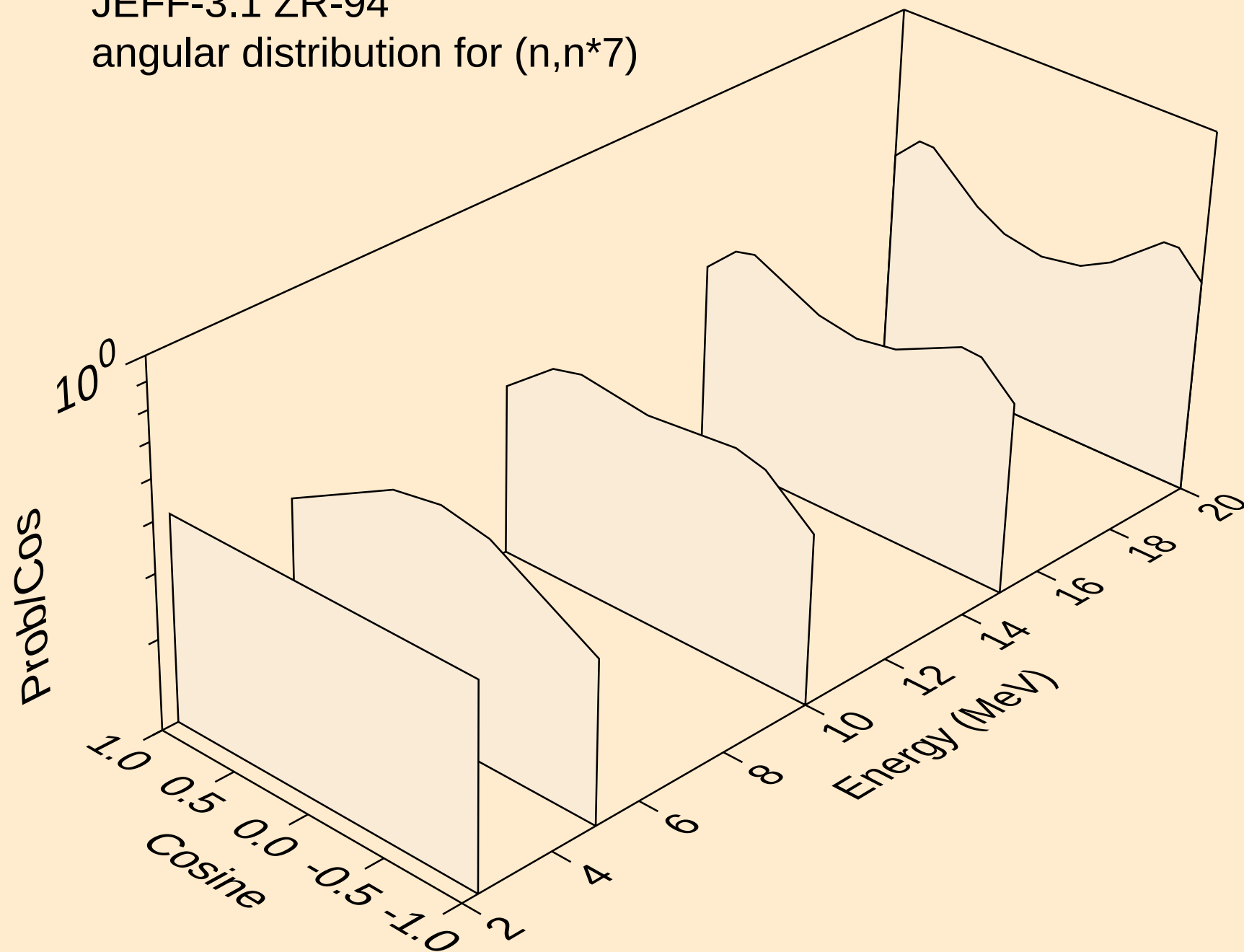
JEFF-3.1 ZR-94
angular distribution for (n,n*5)



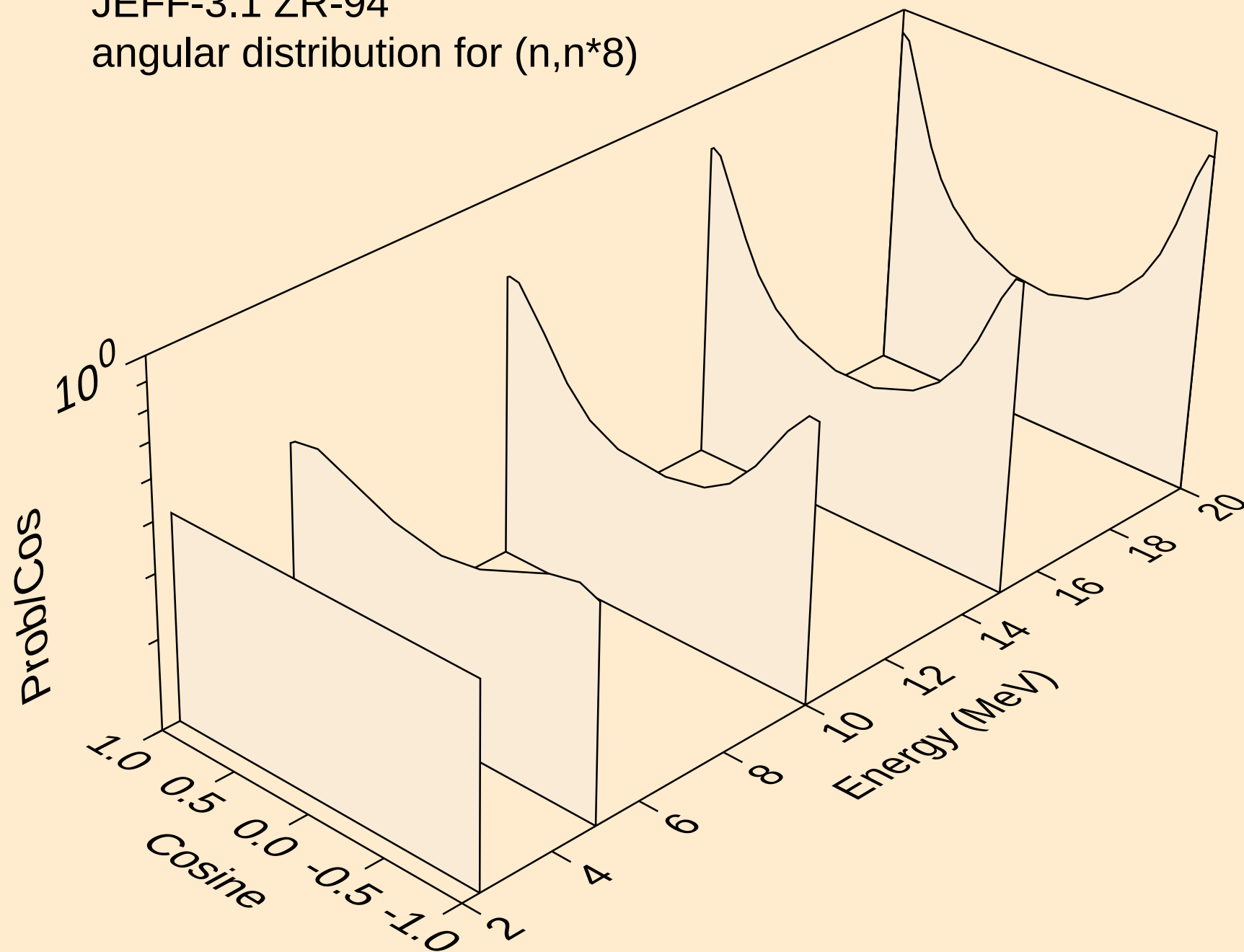
JEFF-3.1 ZR-94
angular distribution for (n,n*6)



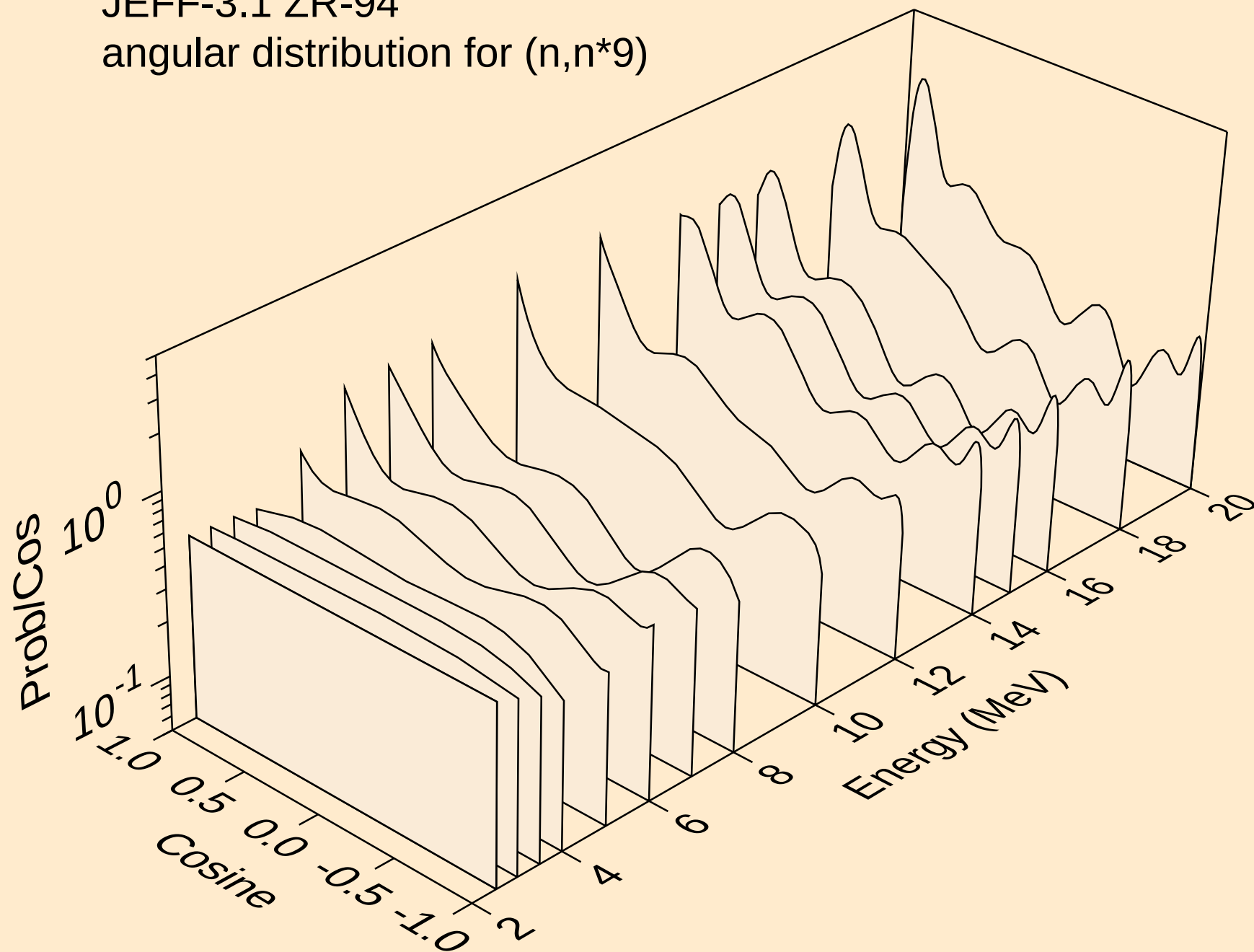
JEFF-3.1 ZR-94
angular distribution for (n,n*7)



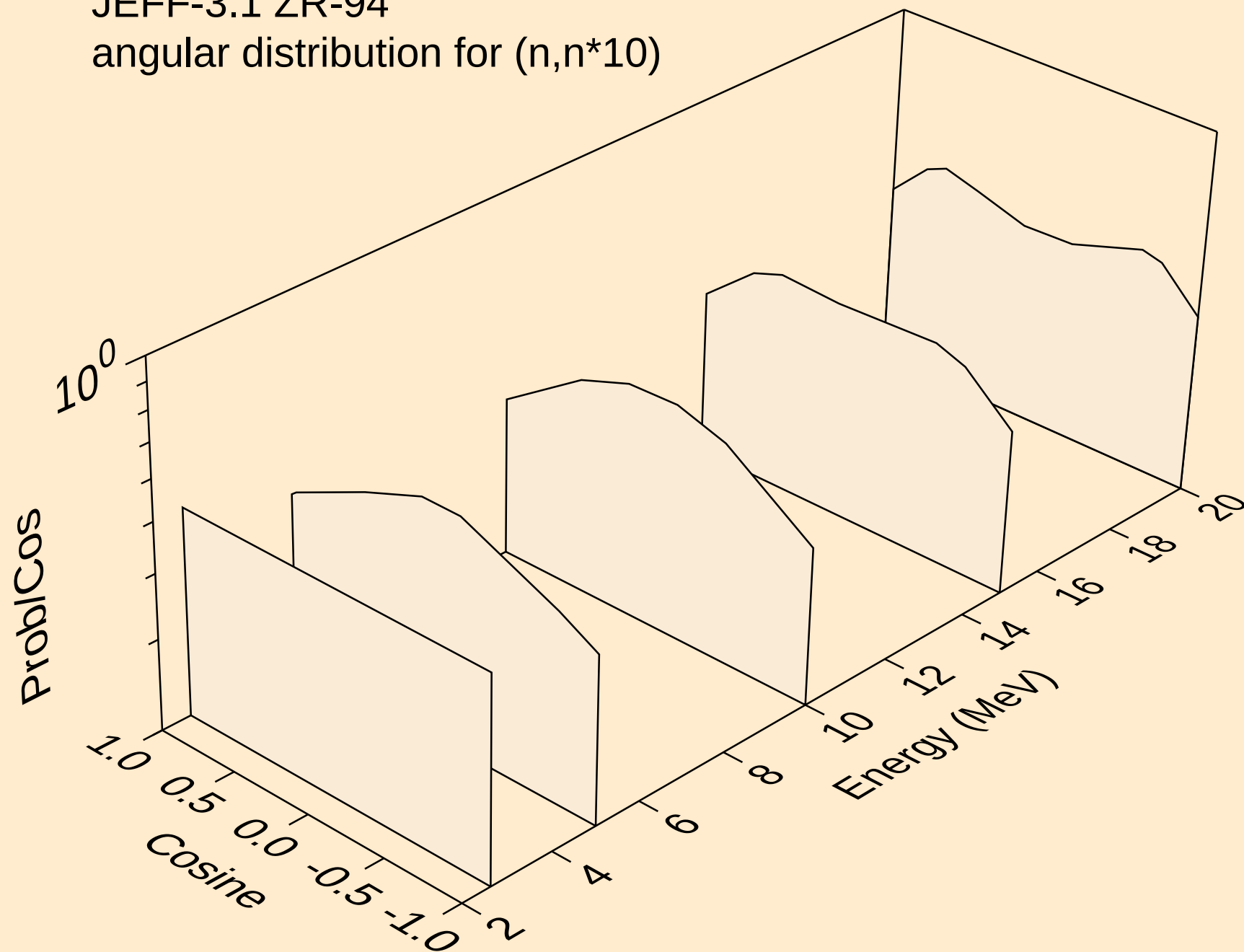
JEFF-3.1 ZR-94
angular distribution for (n,n*8)



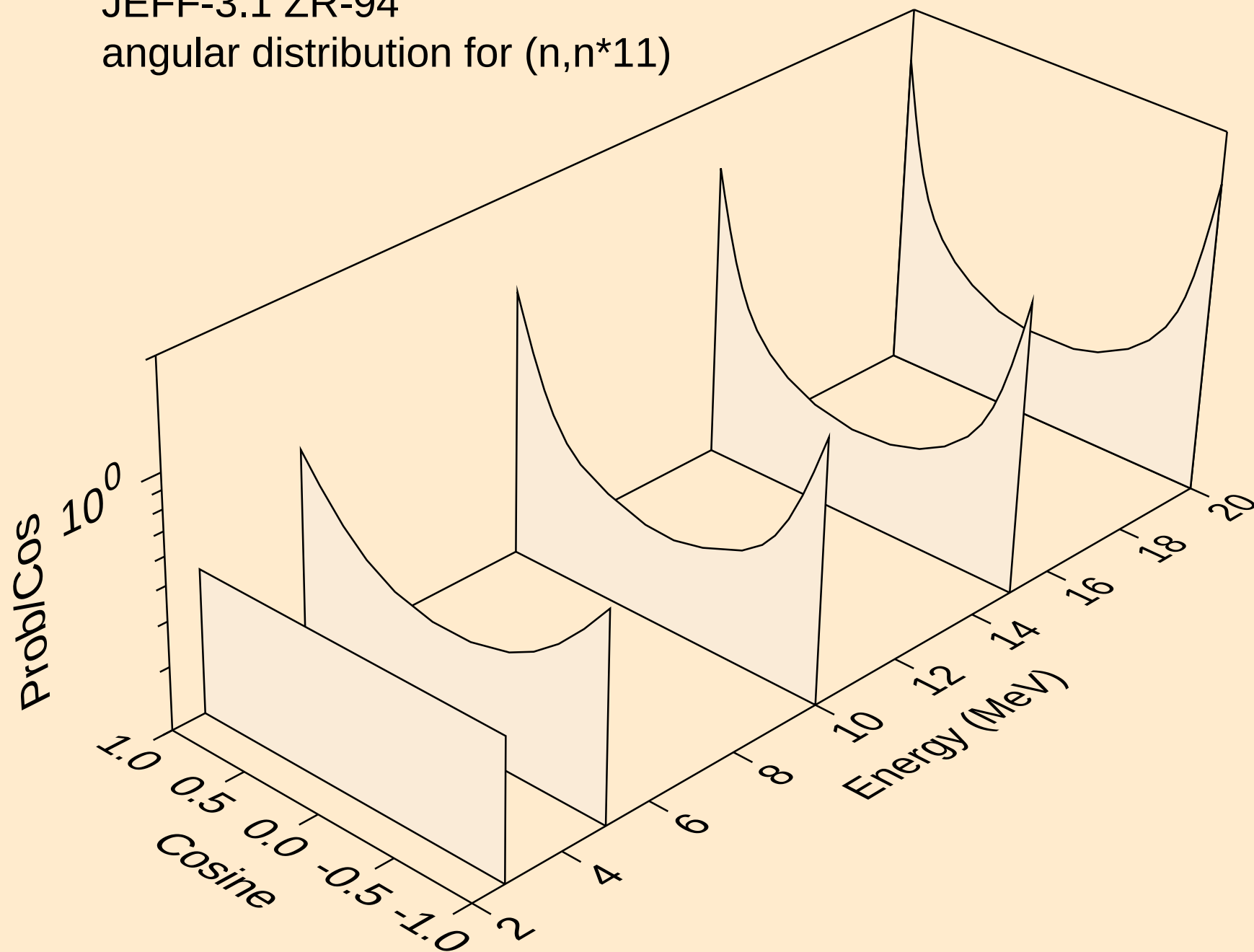
JEFF-3.1 ZR-94
angular distribution for (n,n*9)



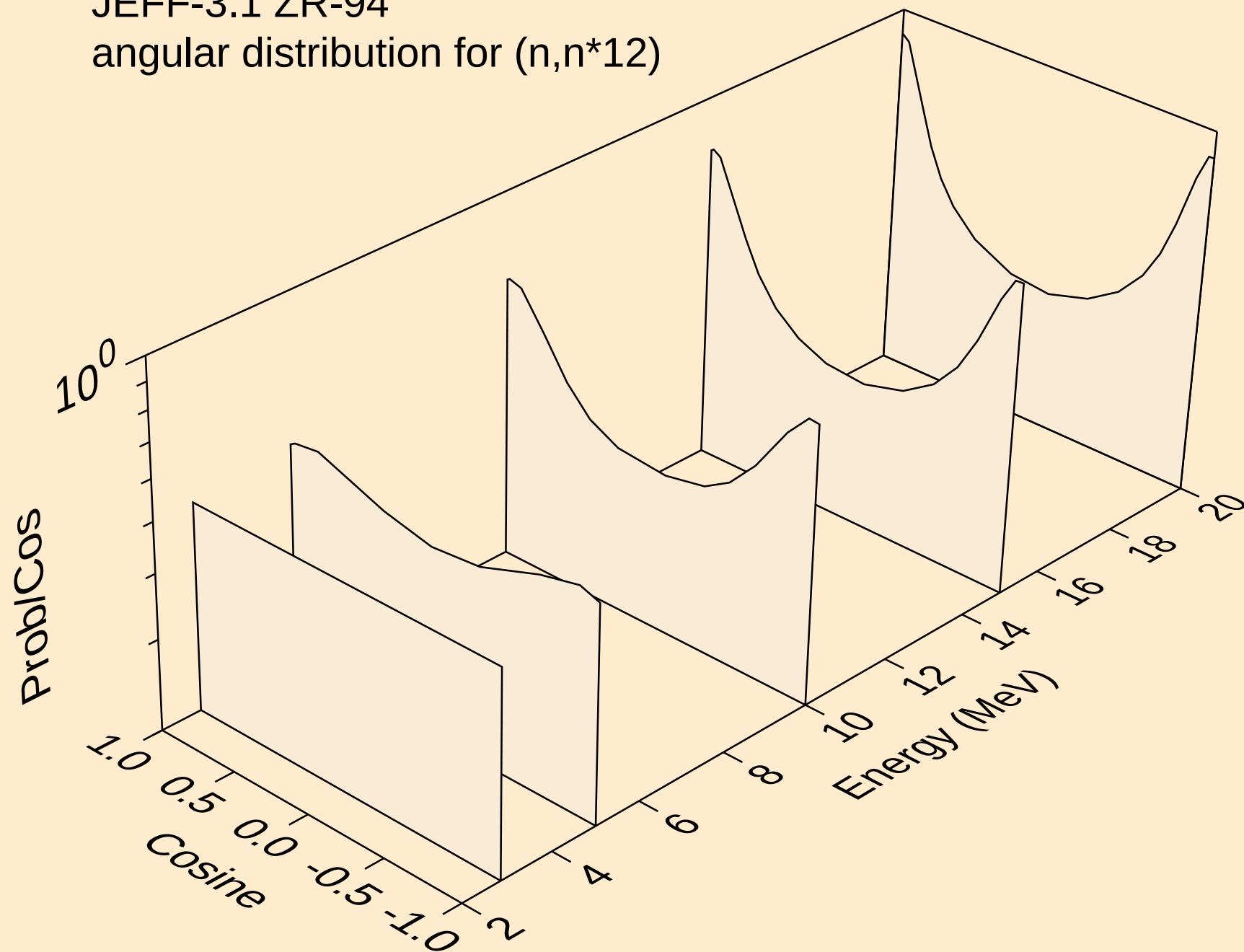
JEFF-3.1 ZR-94
angular distribution for (n,n*10)



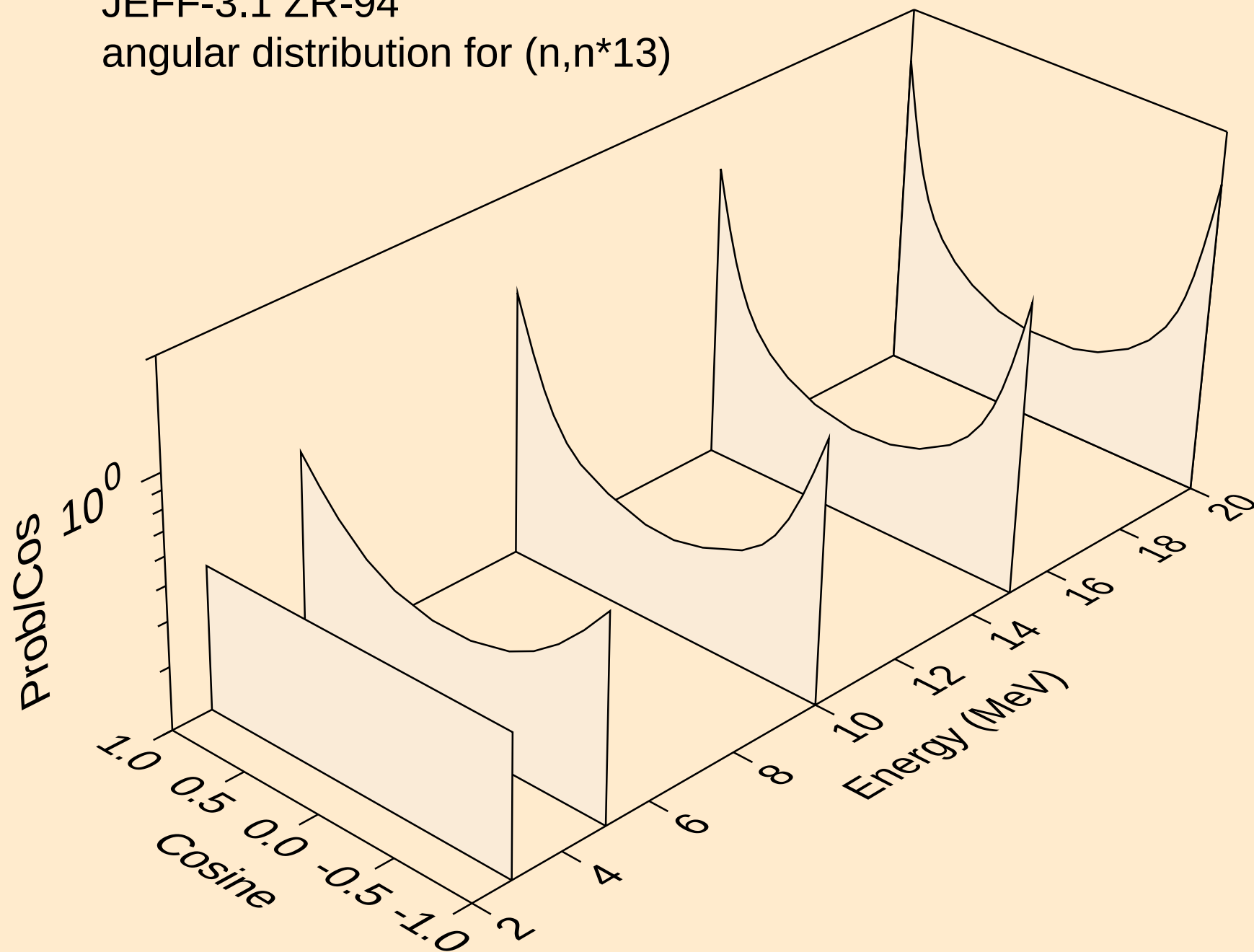
JEFF-3.1 ZR-94
angular distribution for (n,n*11)



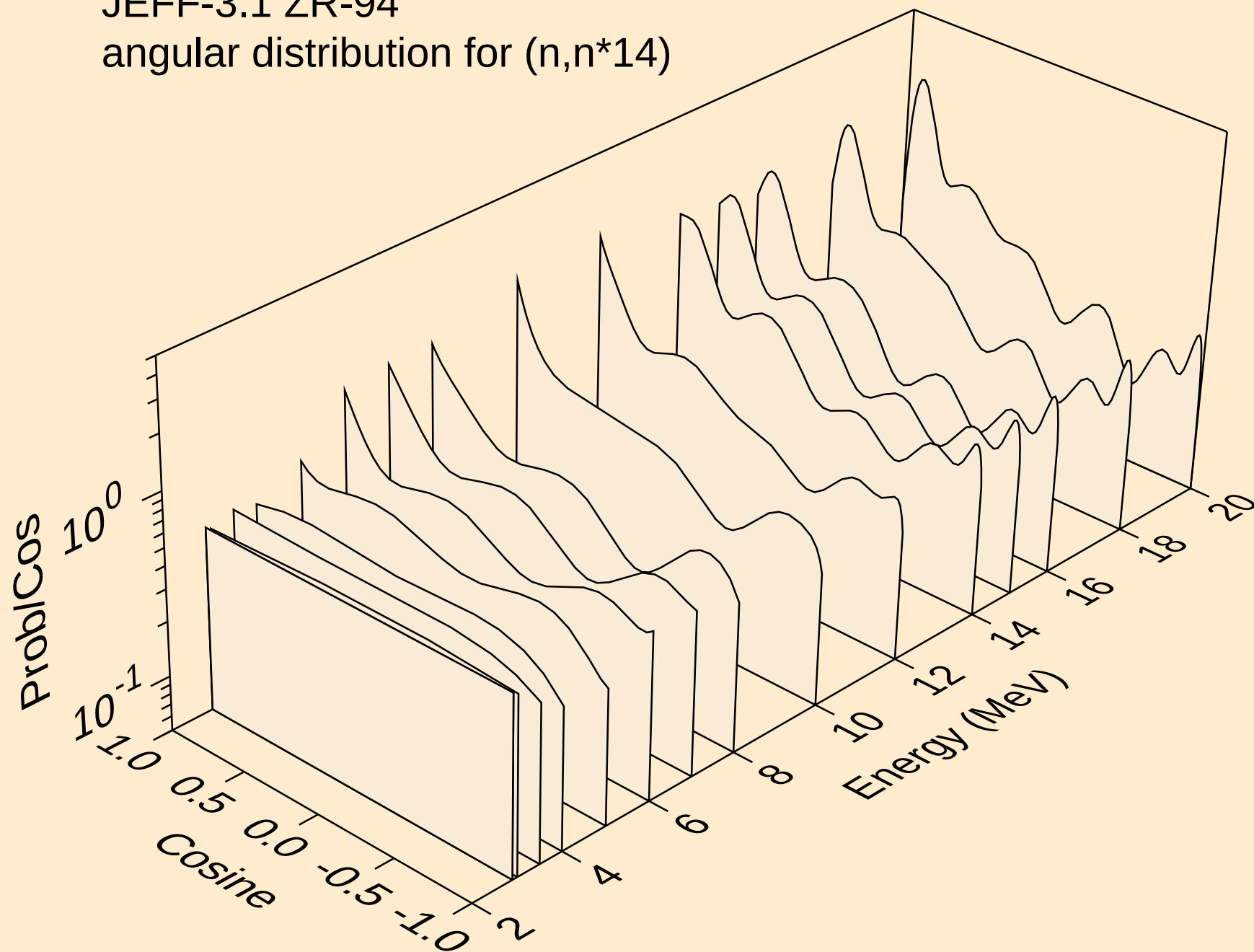
JEFF-3.1 ZR-94
angular distribution for (n,n*12)



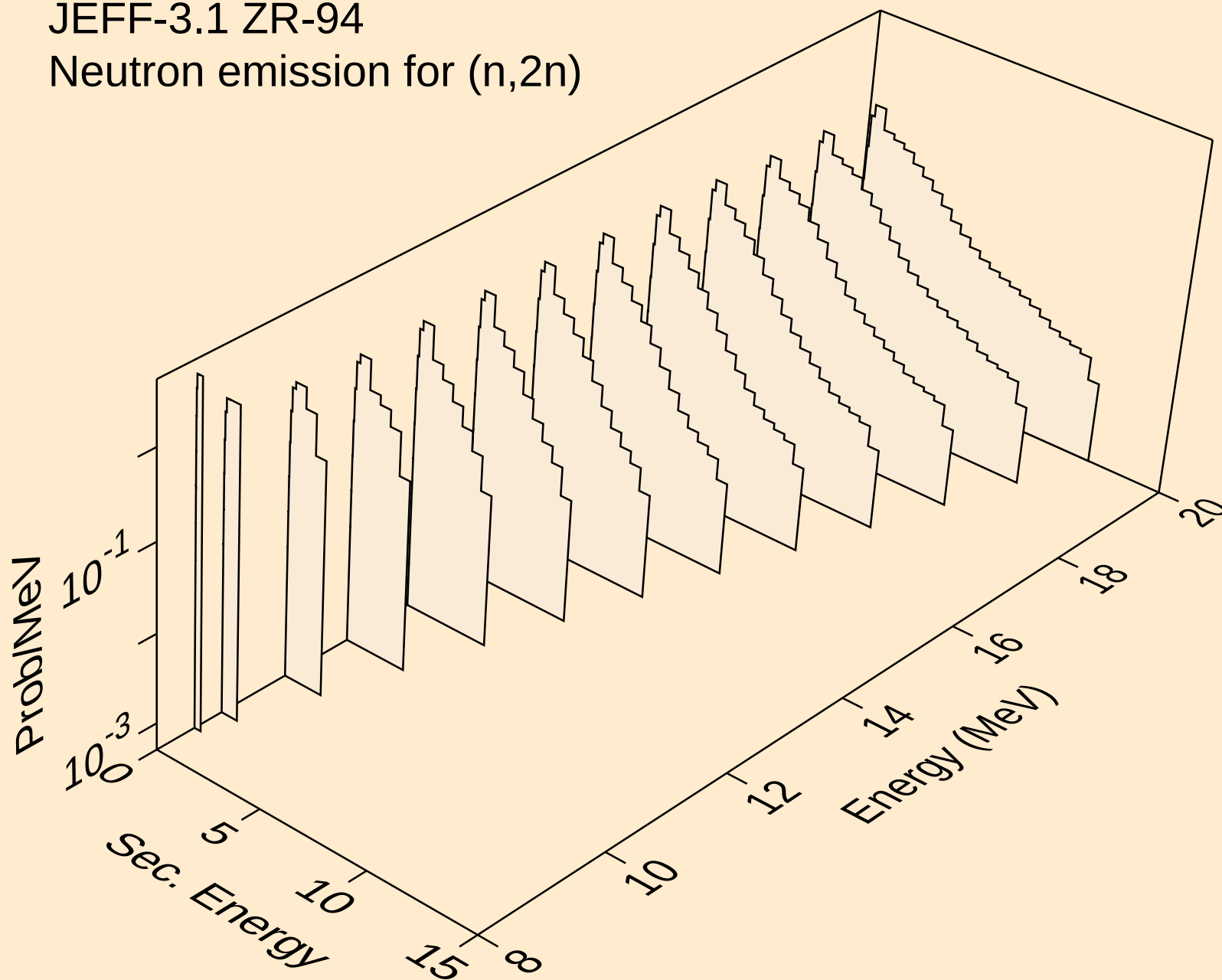
JEFF-3.1 ZR-94
angular distribution for (n,n*13)



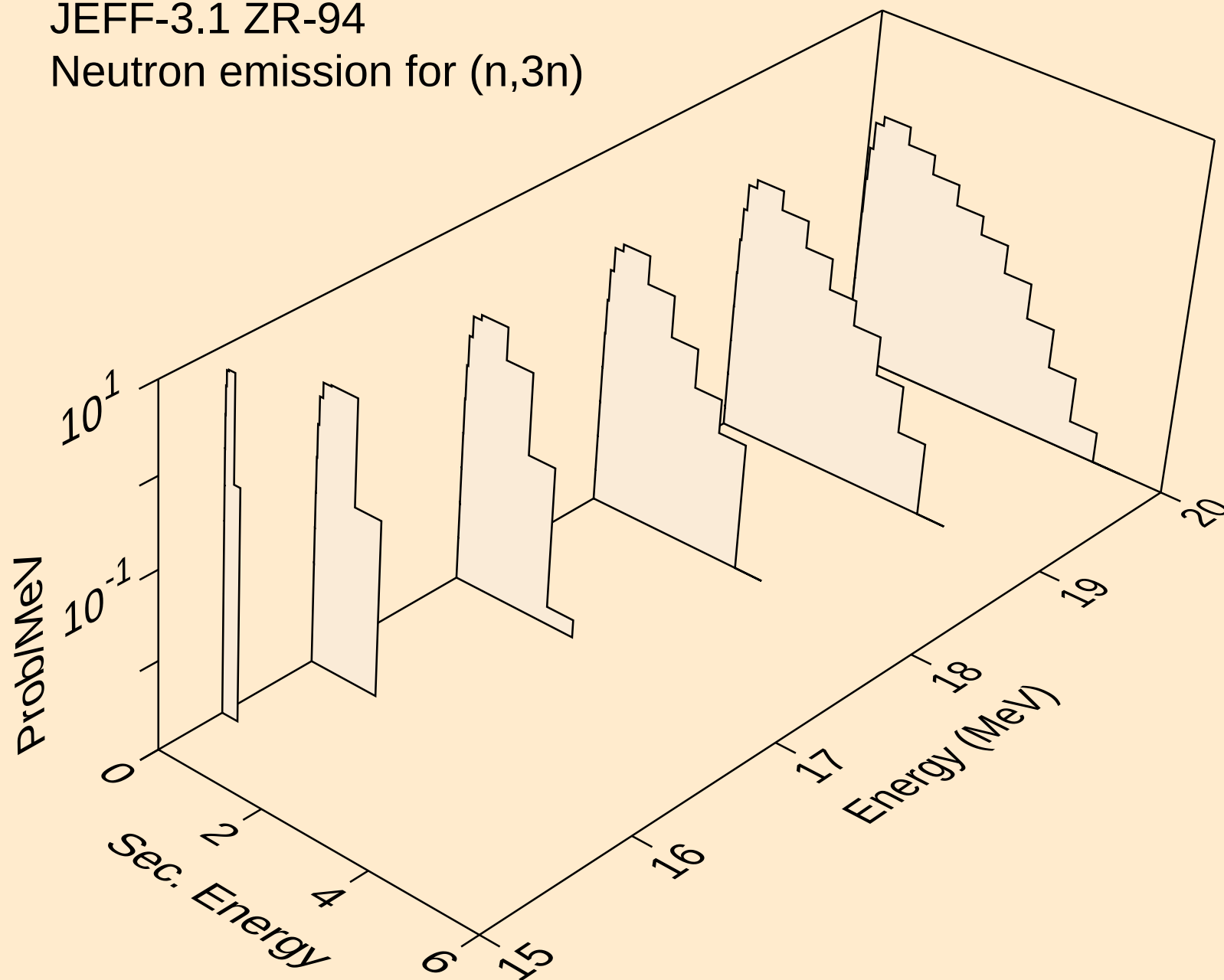
JEFF-3.1 ZR-94
angular distribution for (n,n*14)



JEFF-3.1 ZR-94
Neutron emission for (n,2n)

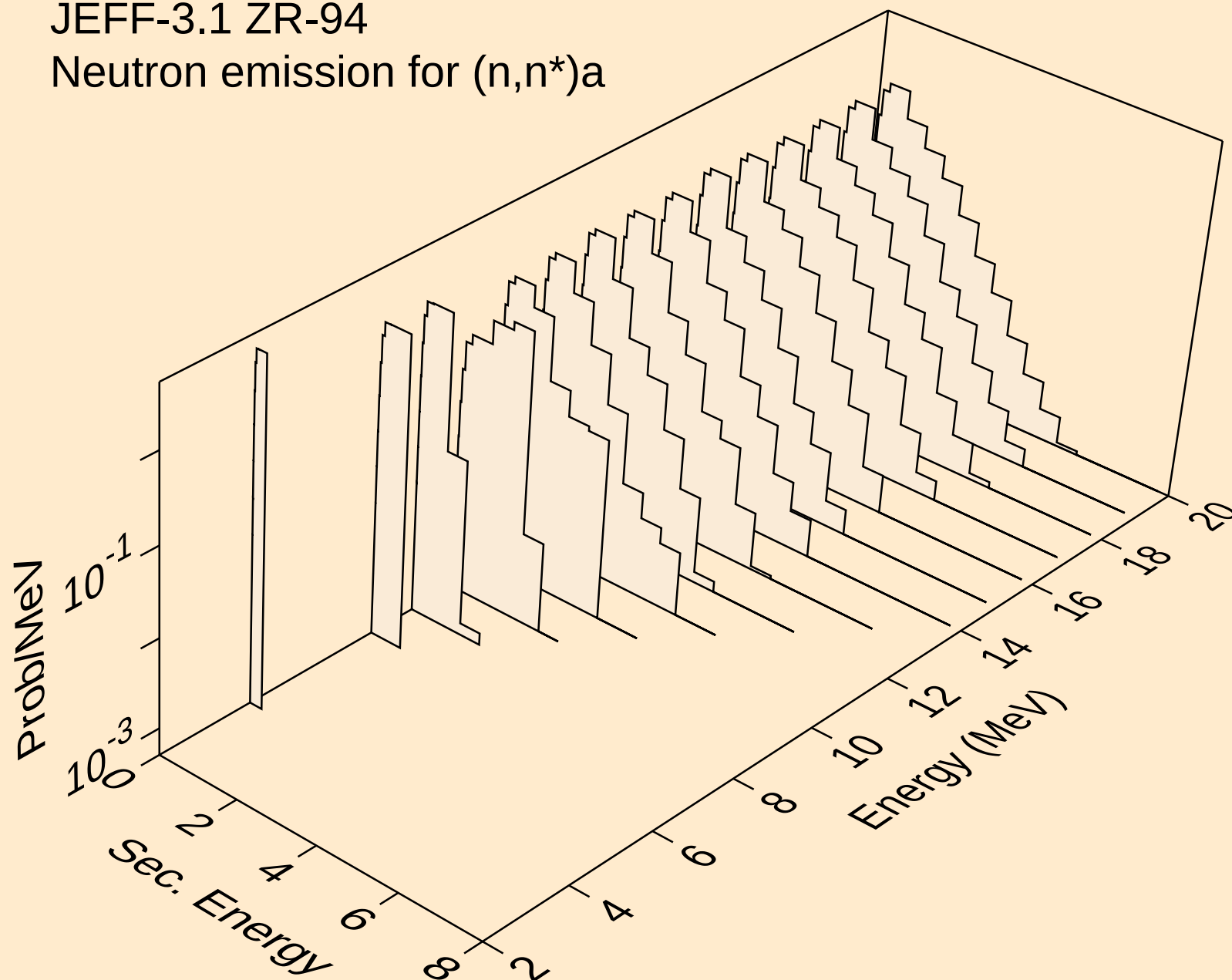


JEFF-3.1 ZR-94
Neutron emission for (n,3n)



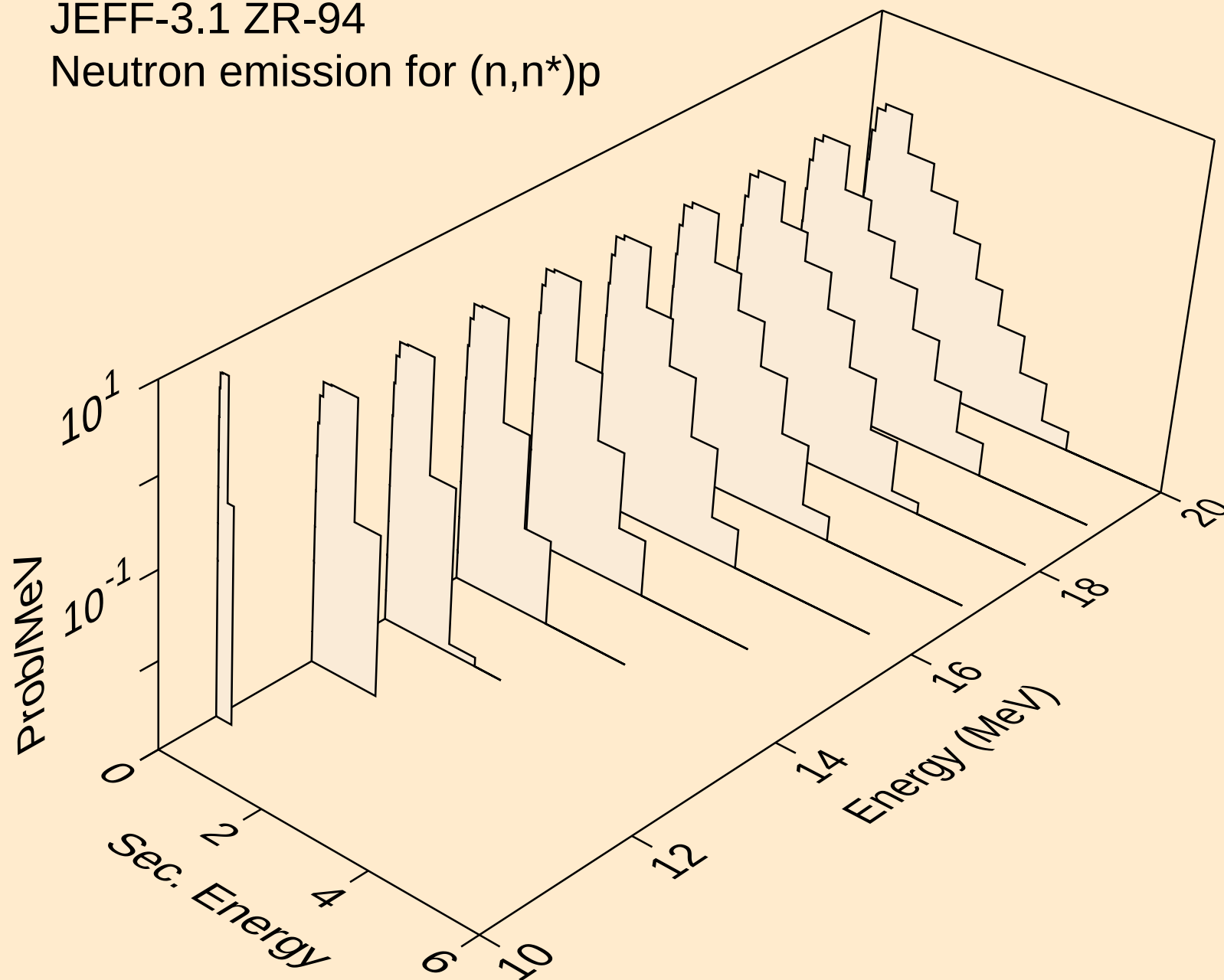
JEFF-3.1 ZR-94

Neutron emission for (n,n*)a



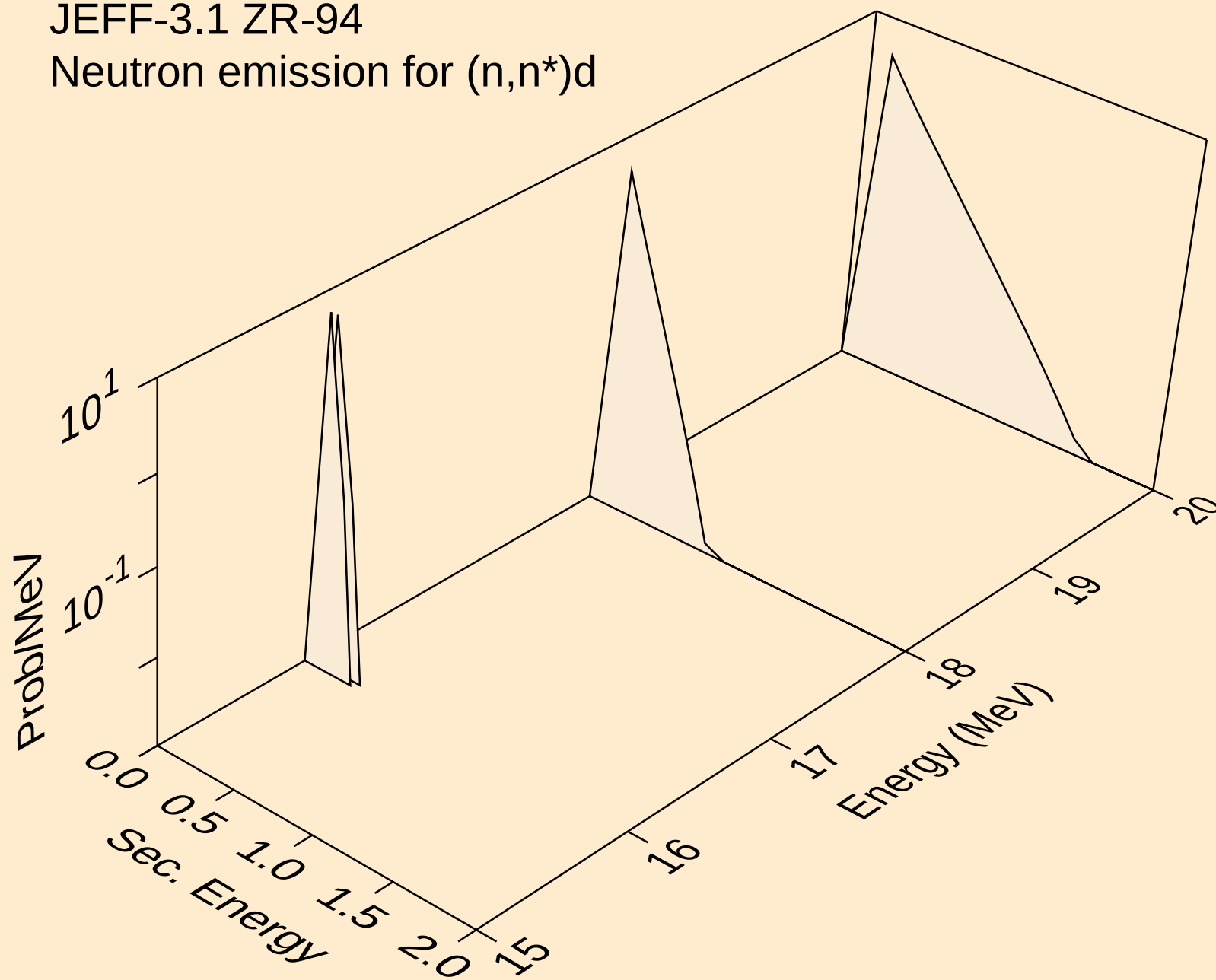
JEFF-3.1 ZR-94

Neutron emission for $(n,n^*)p$

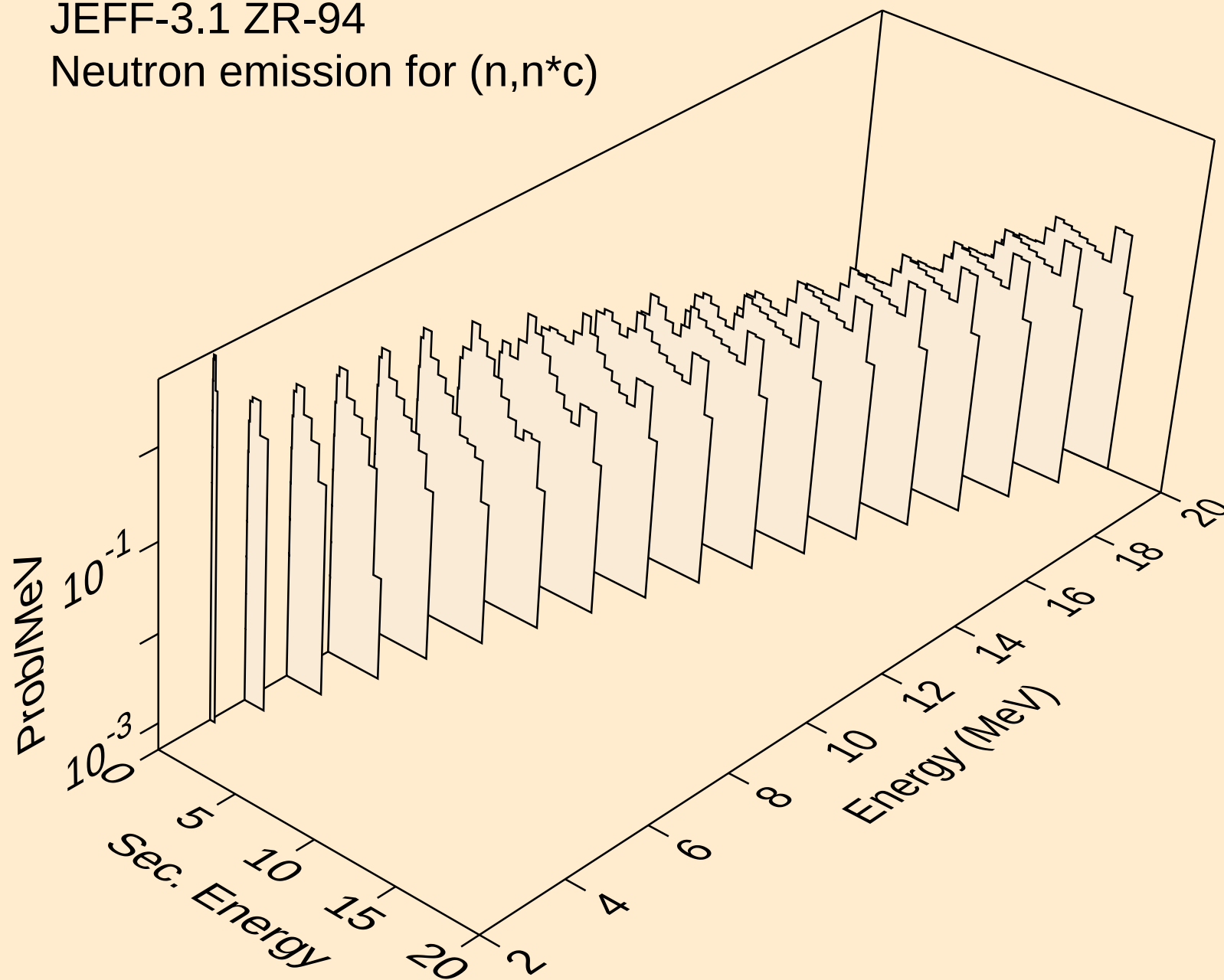


JEFF-3.1 ZR-94

Neutron emission for (n,n*)d

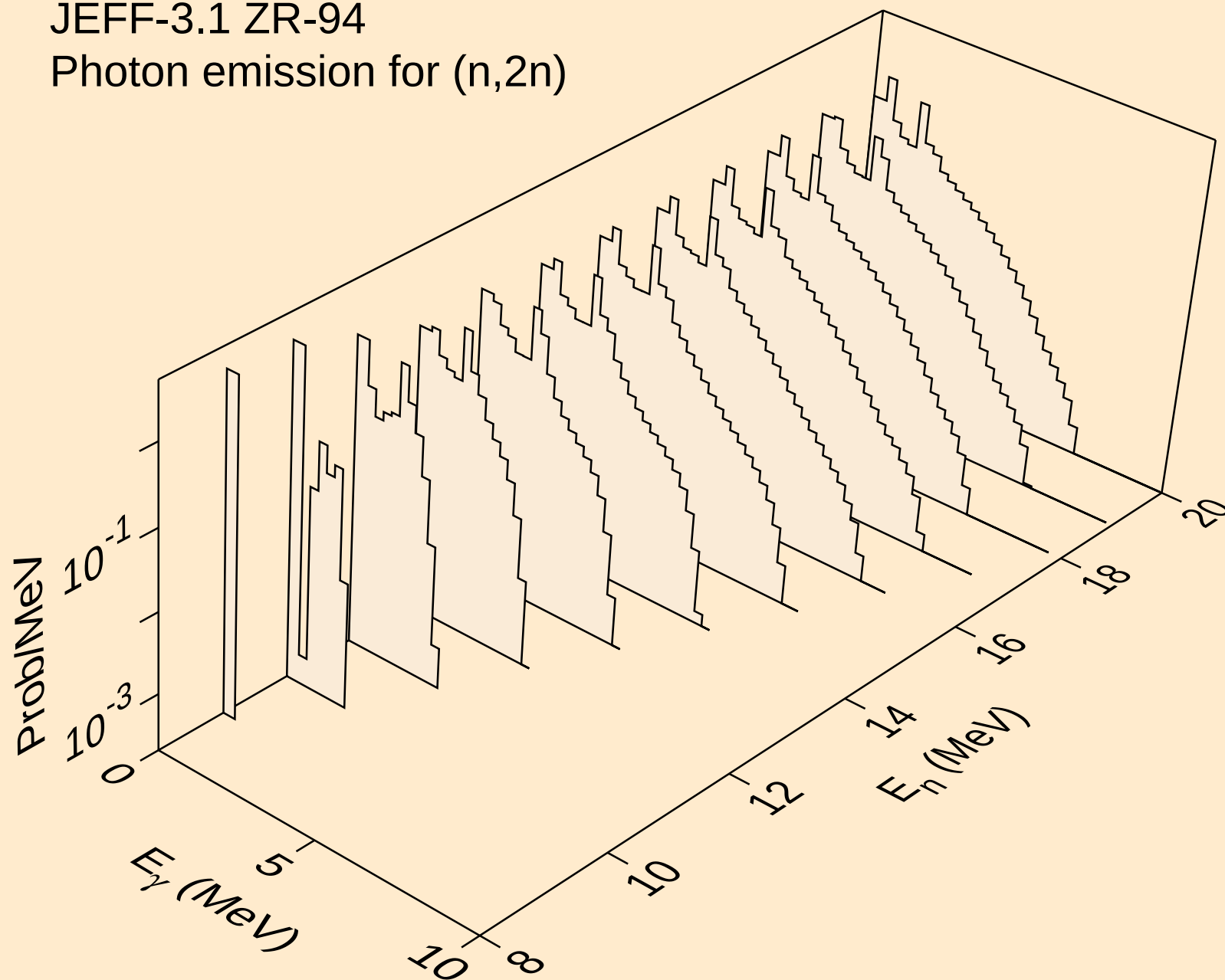


JEFF-3.1 ZR-94
Neutron emission for (n,n*c)



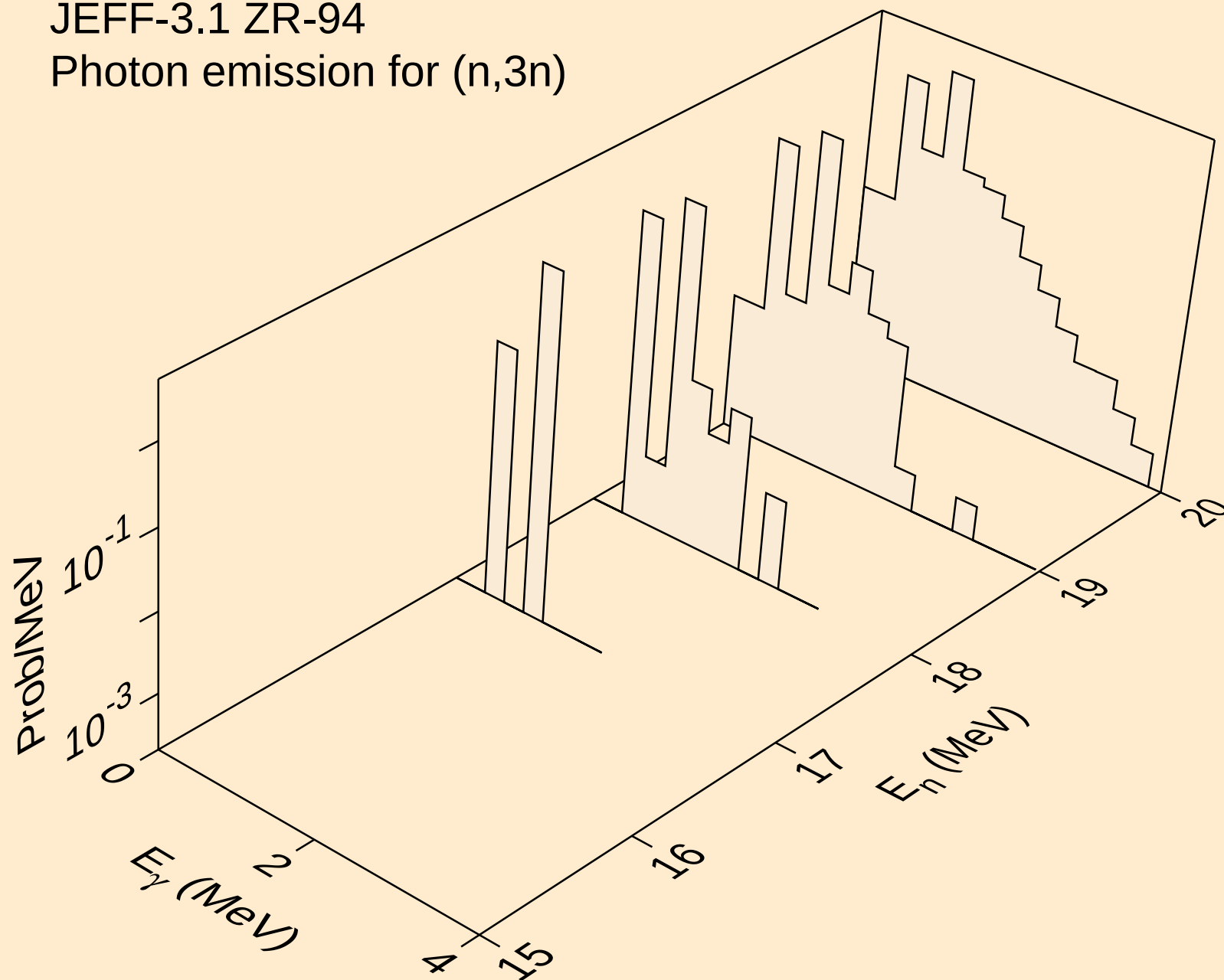
JEFF-3.1 ZR-94

Photon emission for (n,2n)



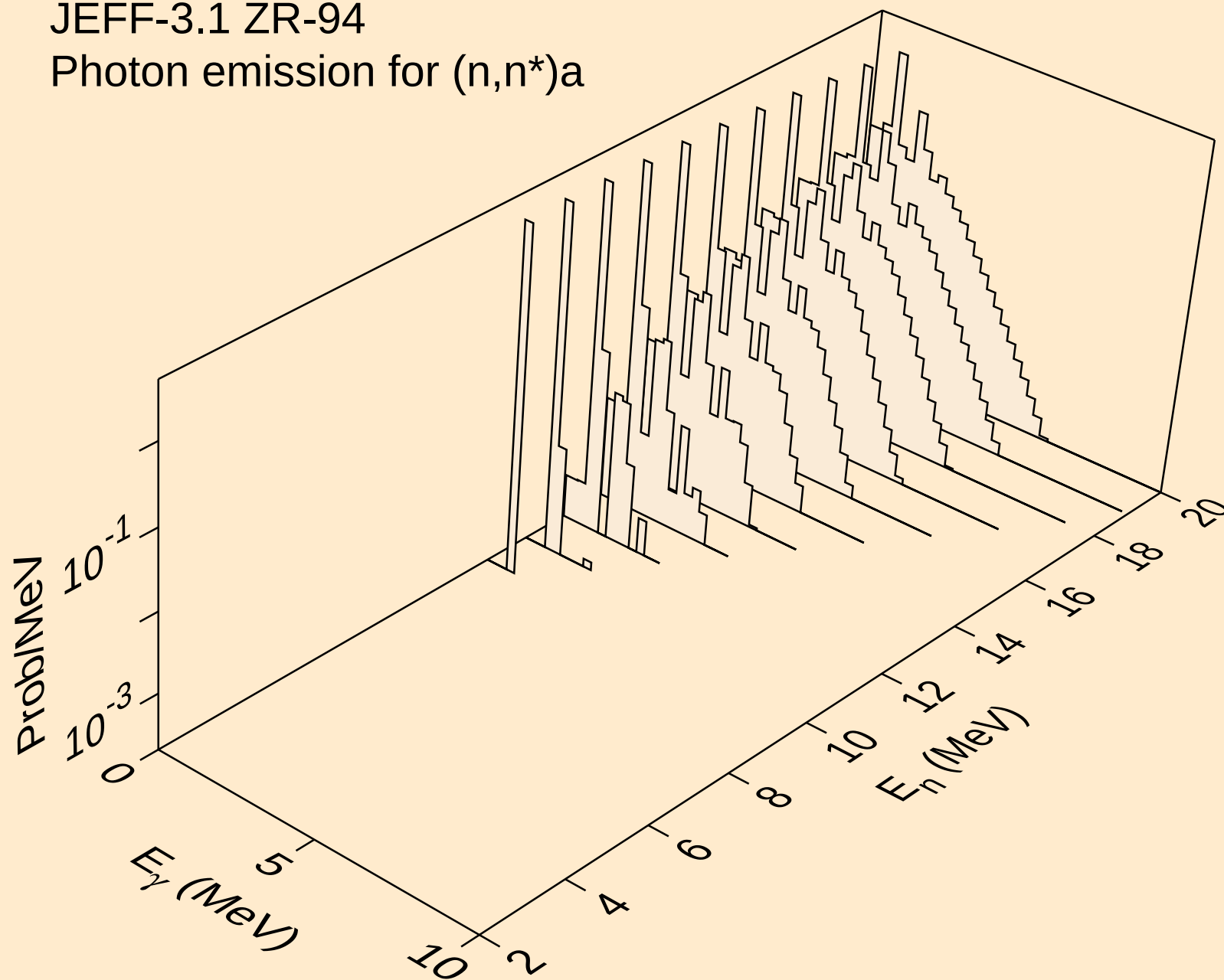
JEFF-3.1 ZR-94

Photon emission for (n,3n)



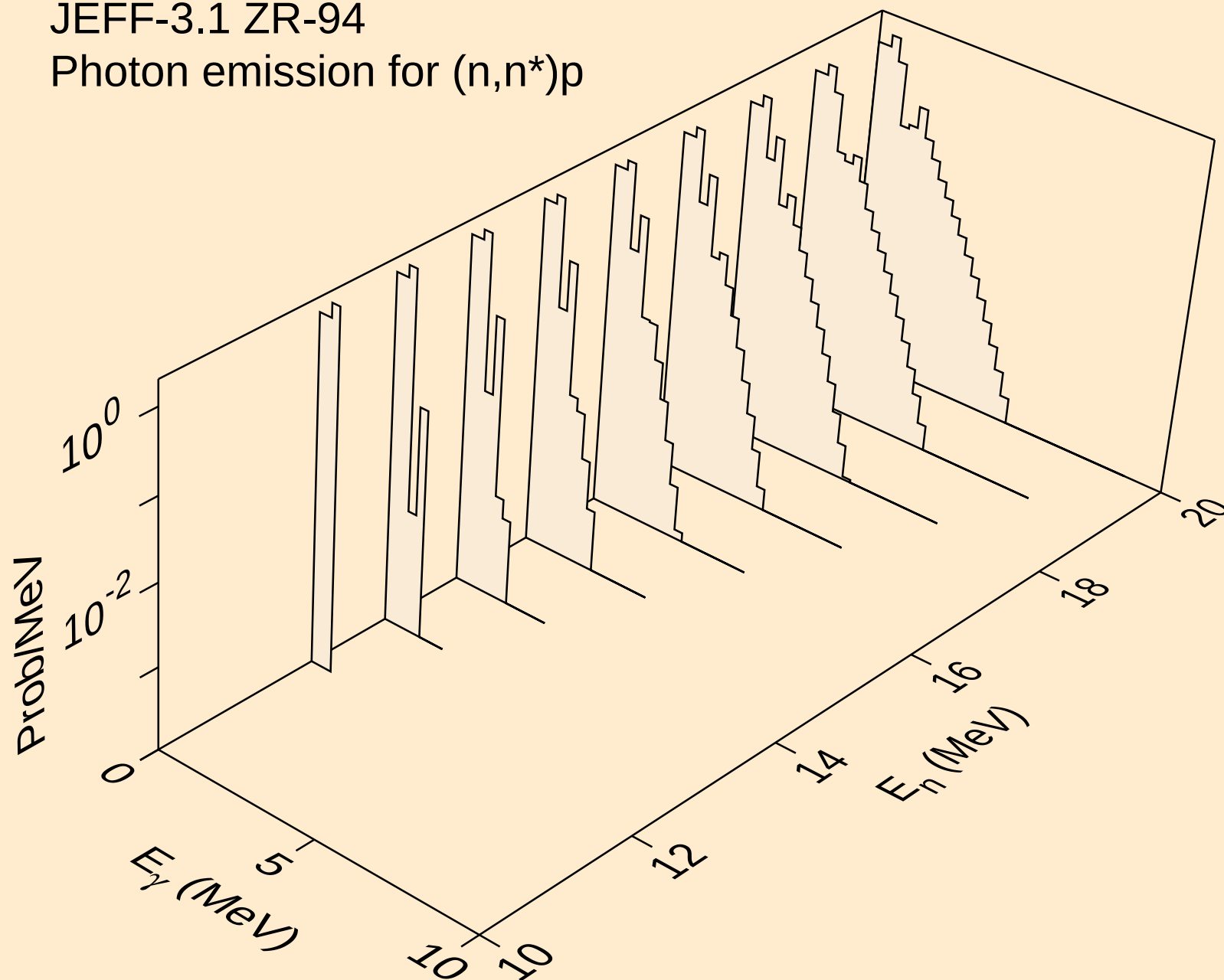
JEFF-3.1 ZR-94

Photon emission for (n,n*)a

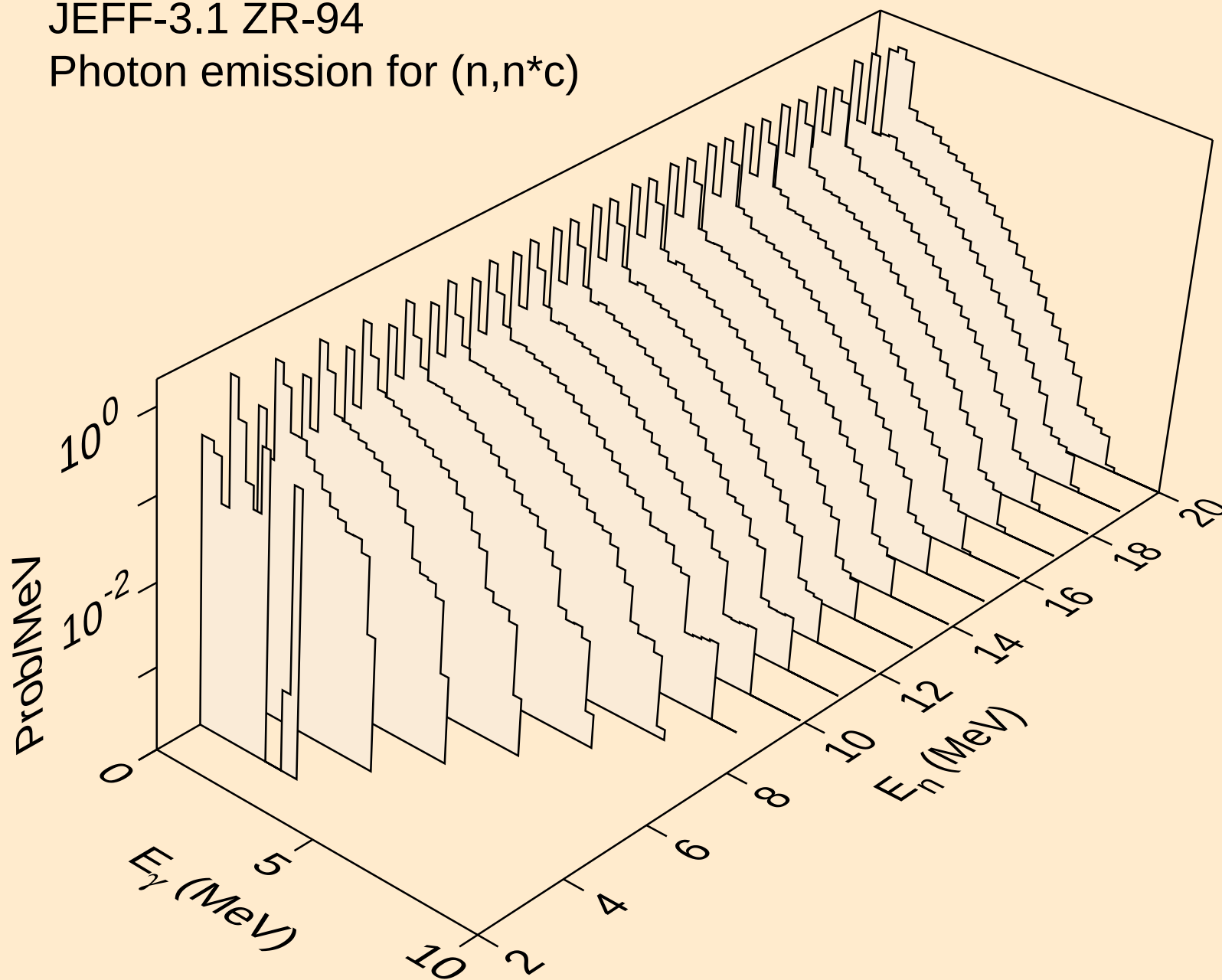


JEFF-3.1 ZR-94

Photon emission for (n,n*)p

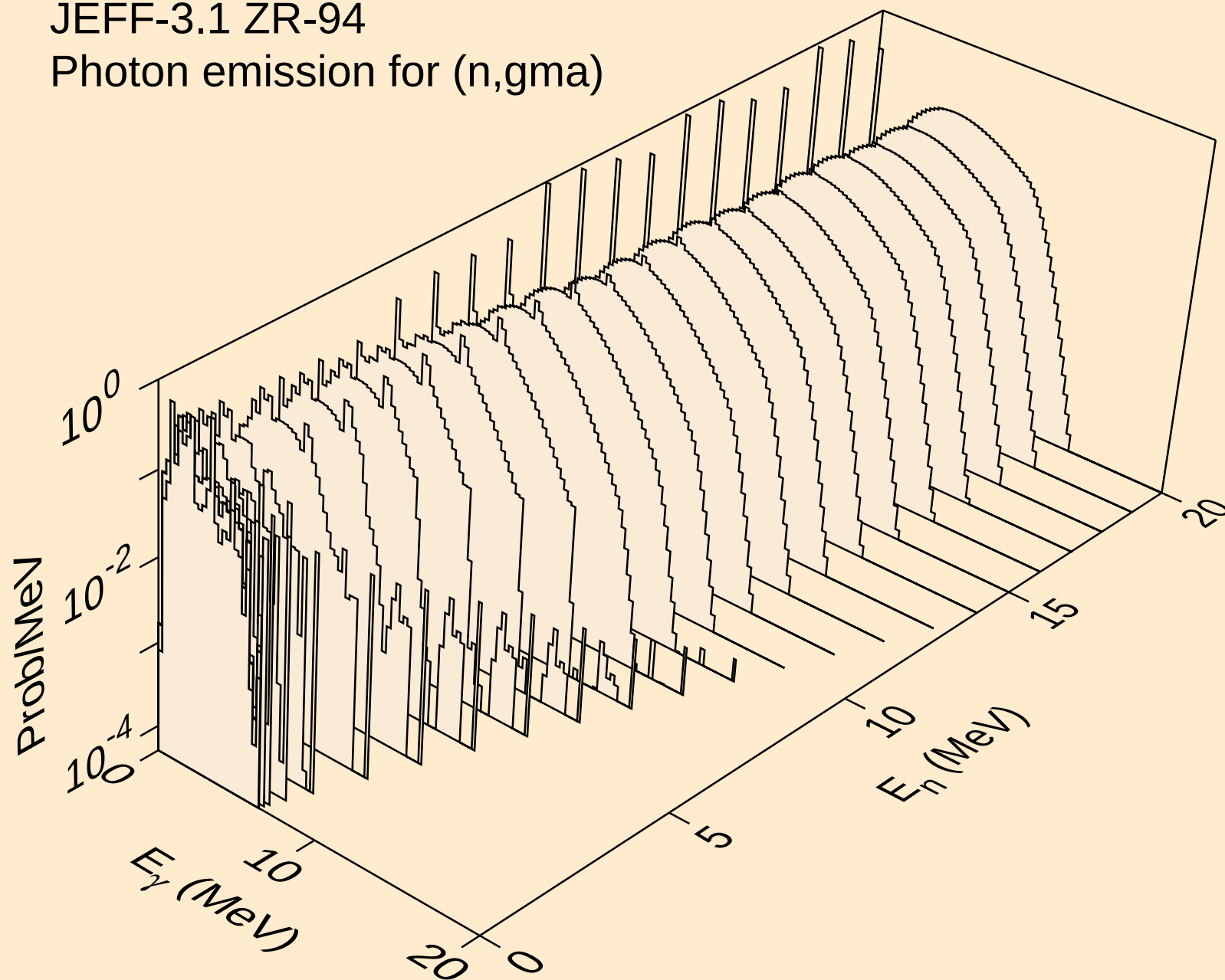


JEFF-3.1 ZR-94
Photon emission for (n,n*c)



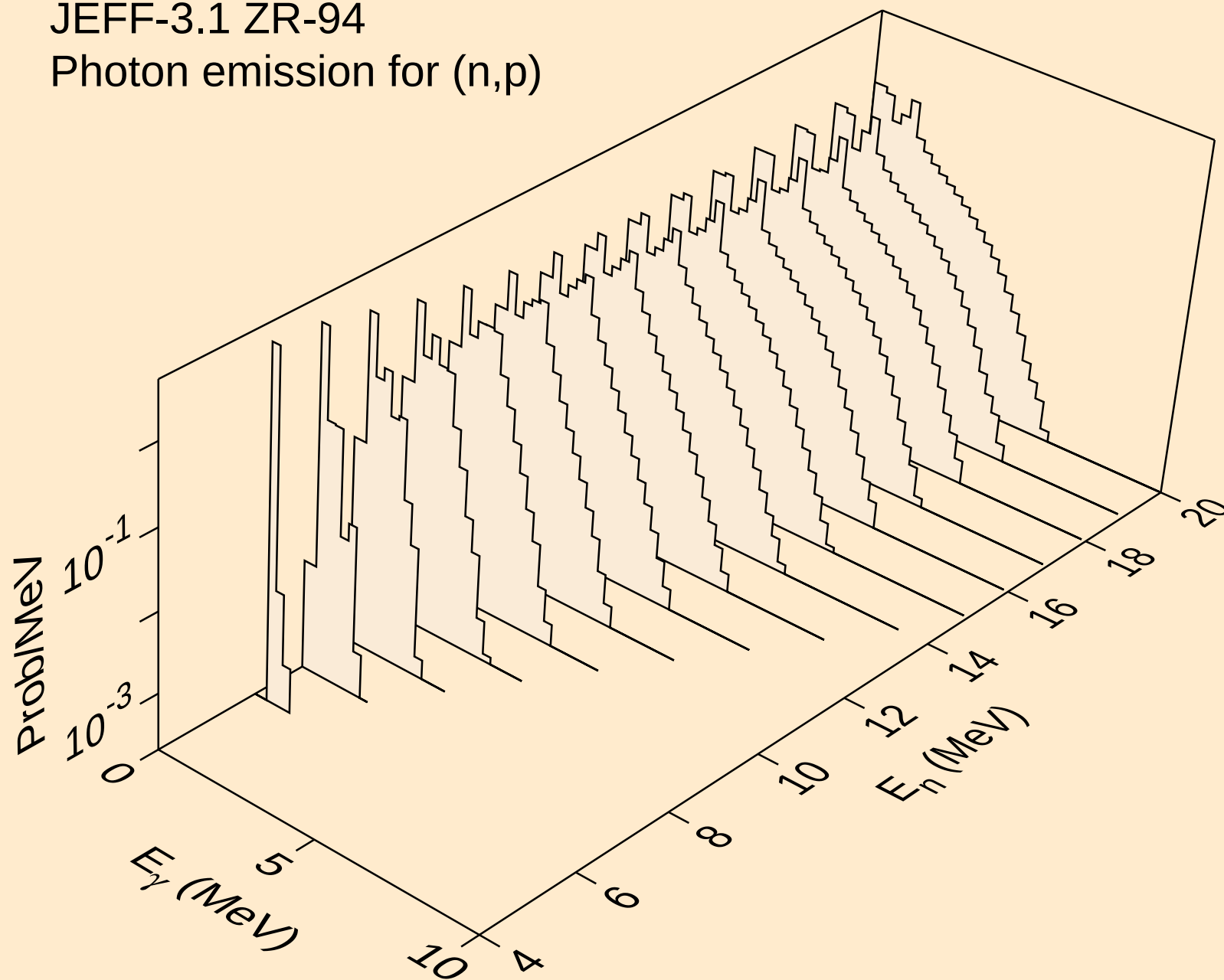
JEFF-3.1 ZR-94

Photon emission for (n,gma)



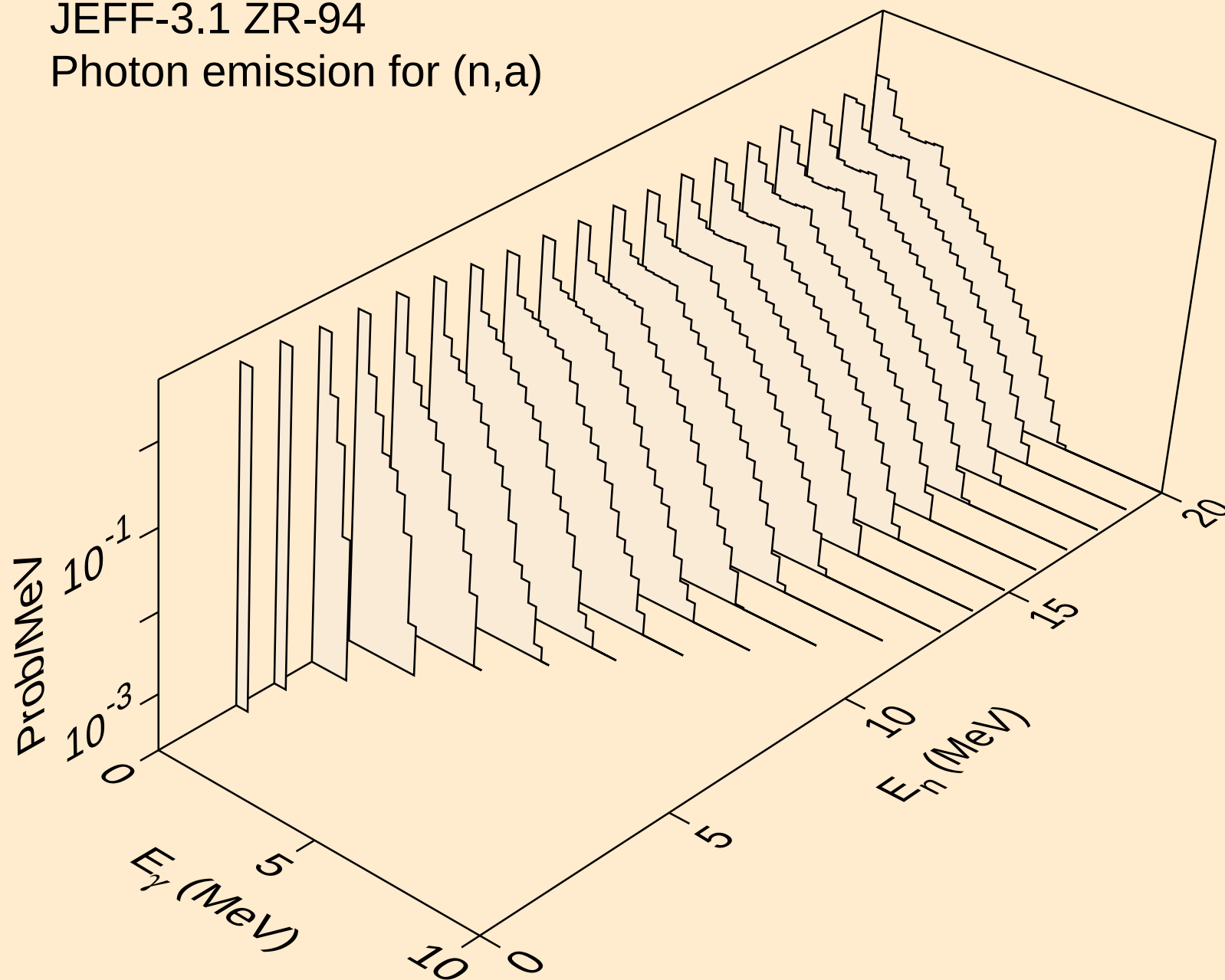
JEFF-3.1 ZR-94

Photon emission for (n,p)

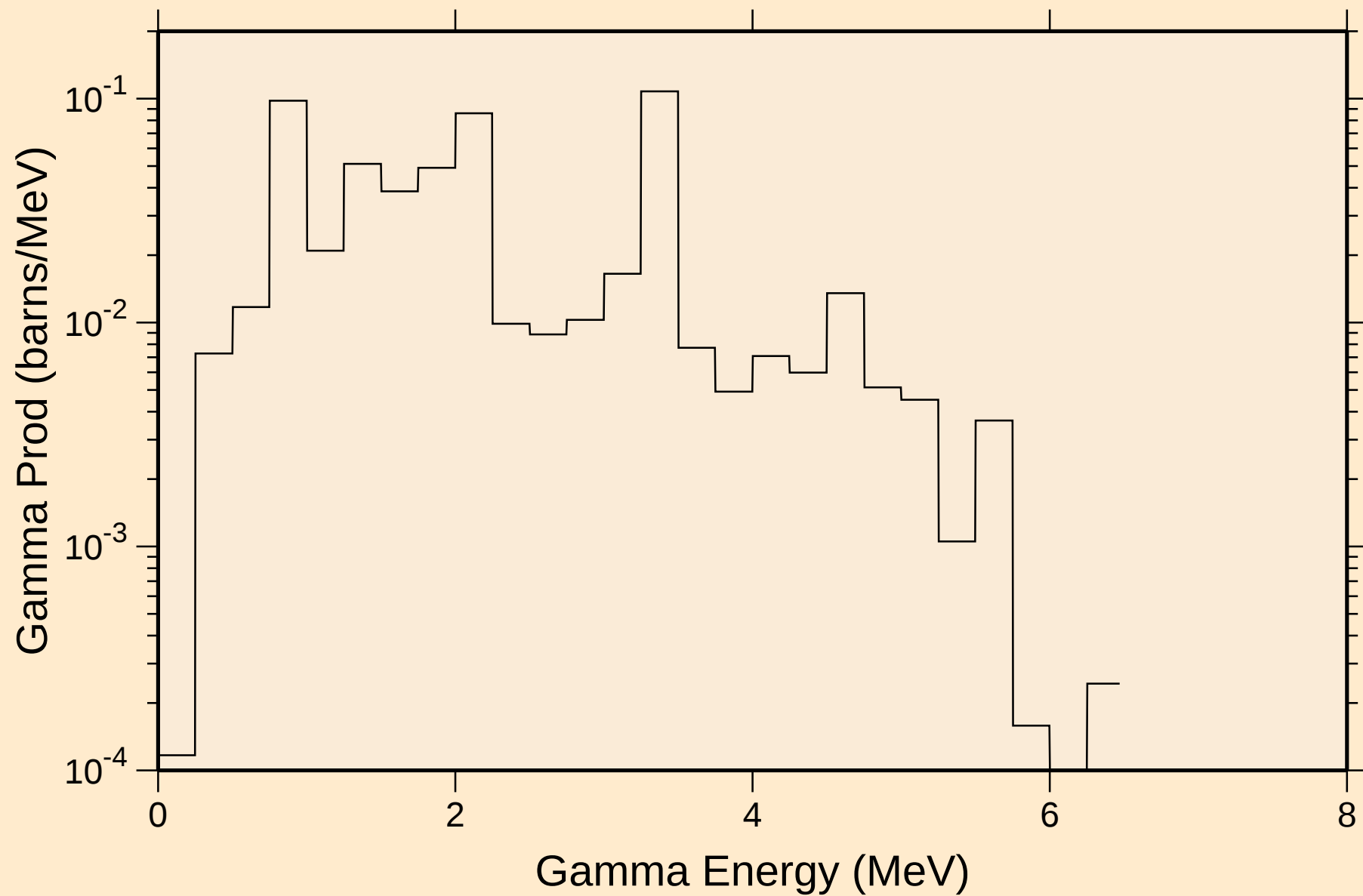


JEFF-3.1 ZR-94

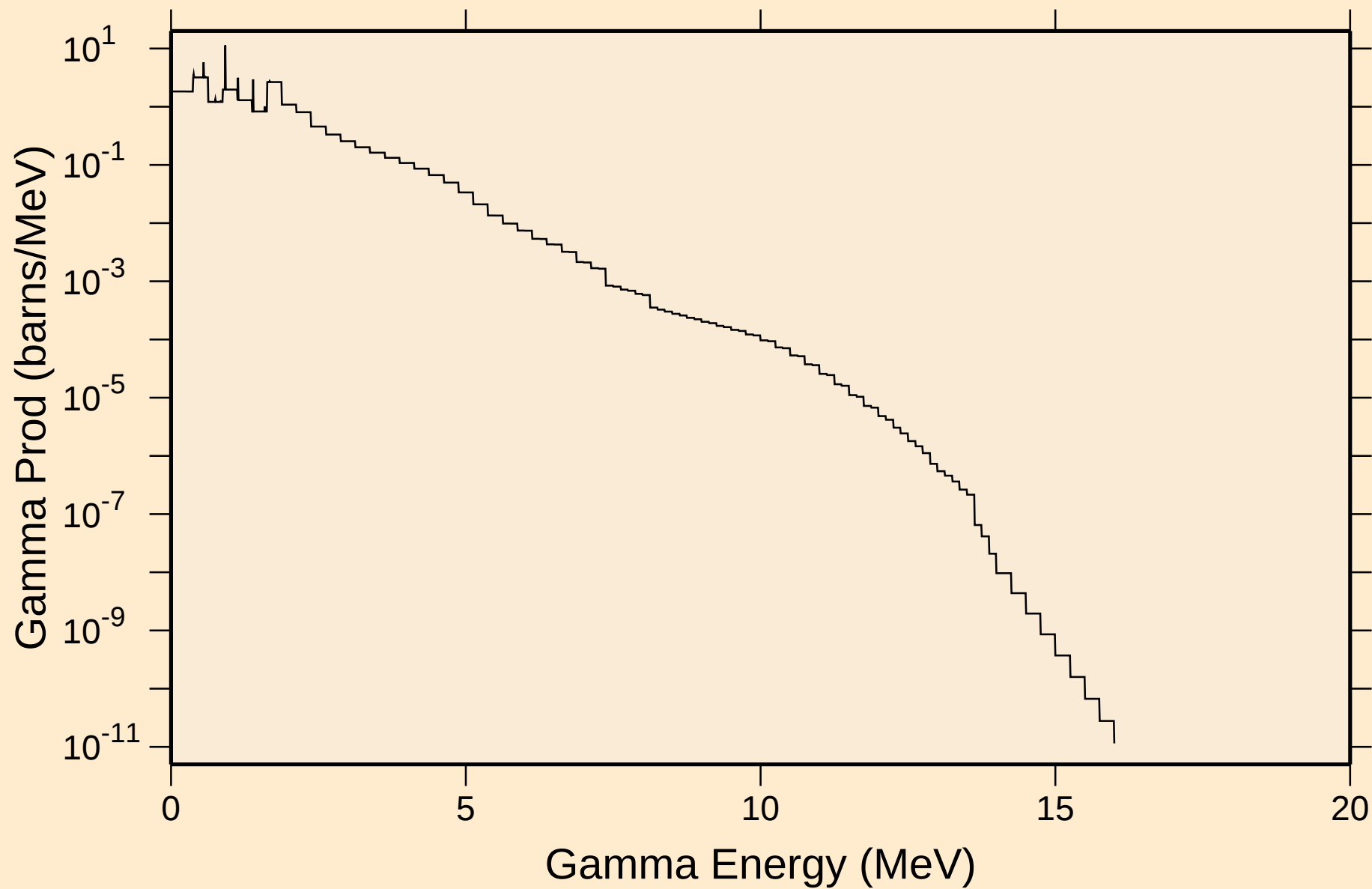
Photon emission for (n,a)



JEFF-3.1 ZR-94
thermal capture photon spectrum

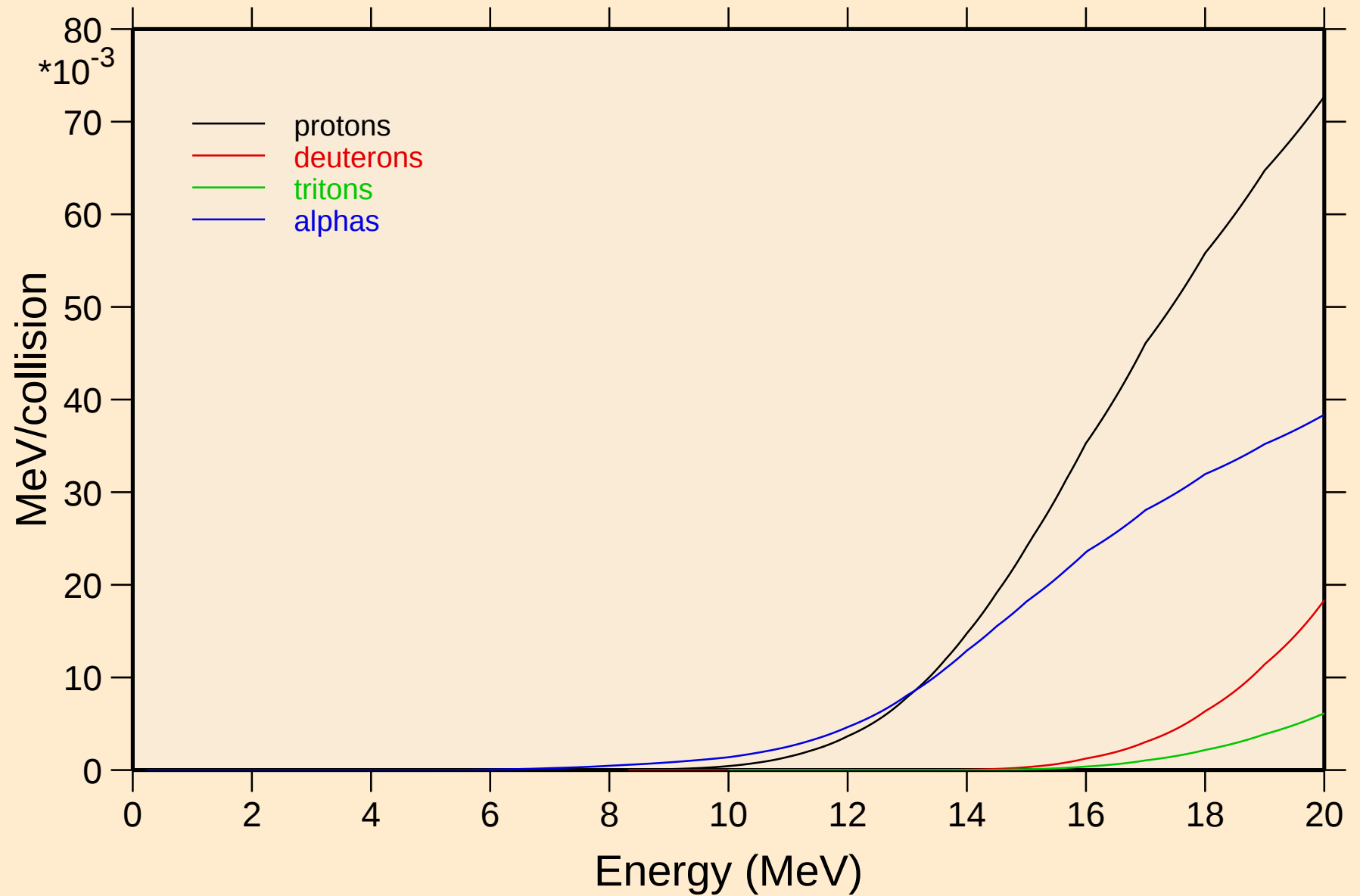


JEFF-3.1 ZR-94
14 MeV photon spectrum



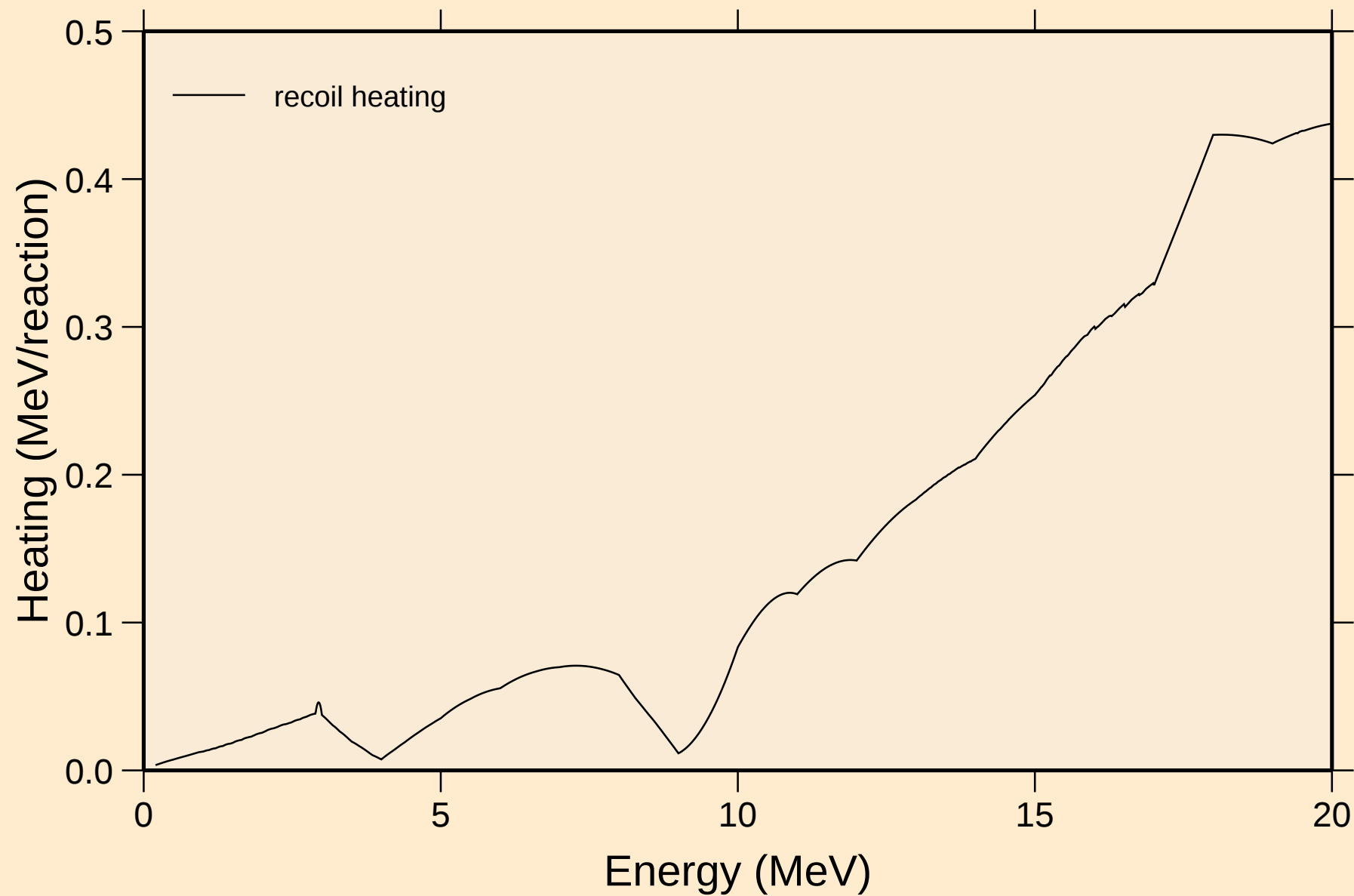
JEFF-3.1 ZR-94

Particle heating contributions



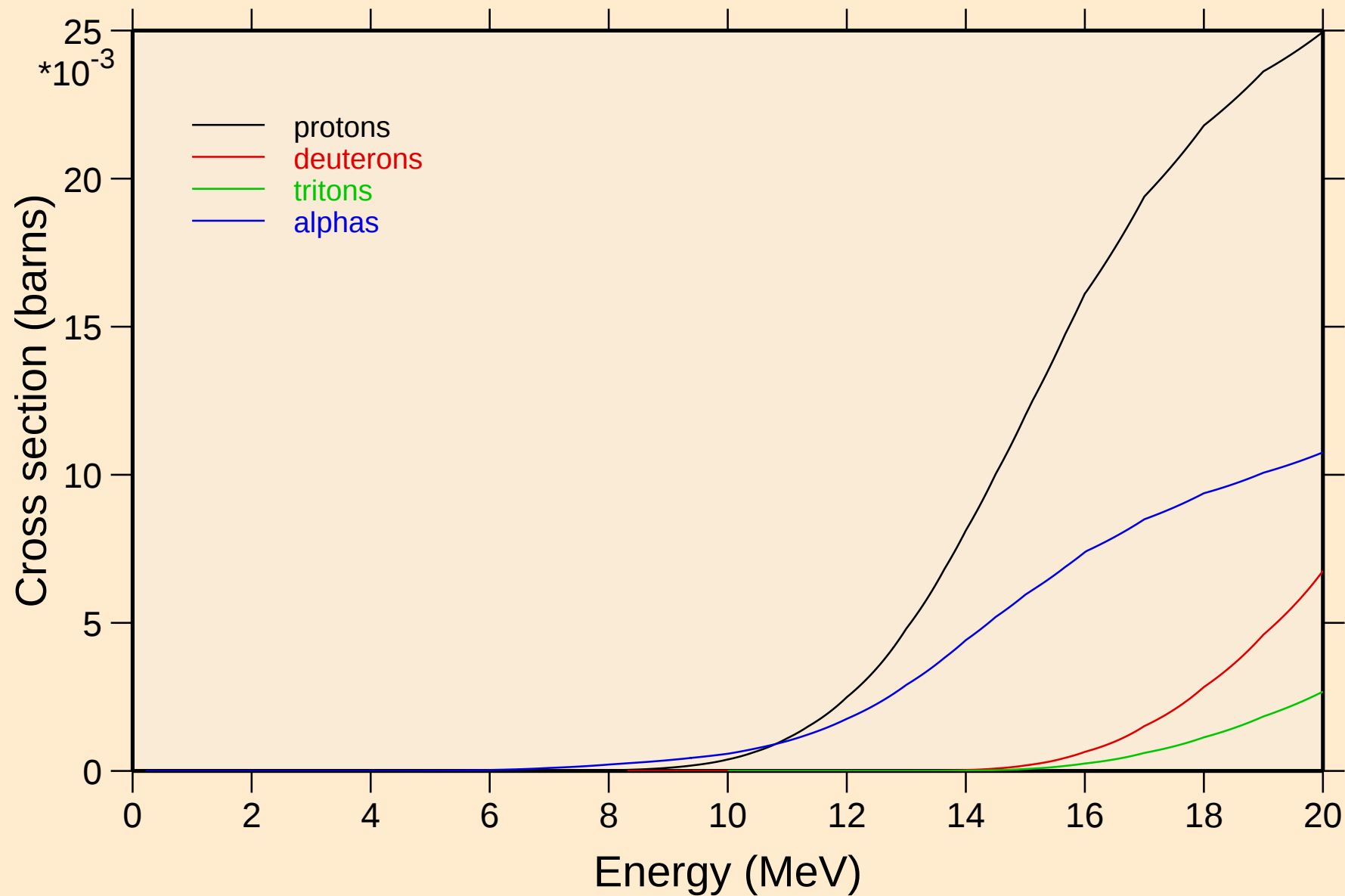
JEFF-3.1 ZR-94

Recoil Heating

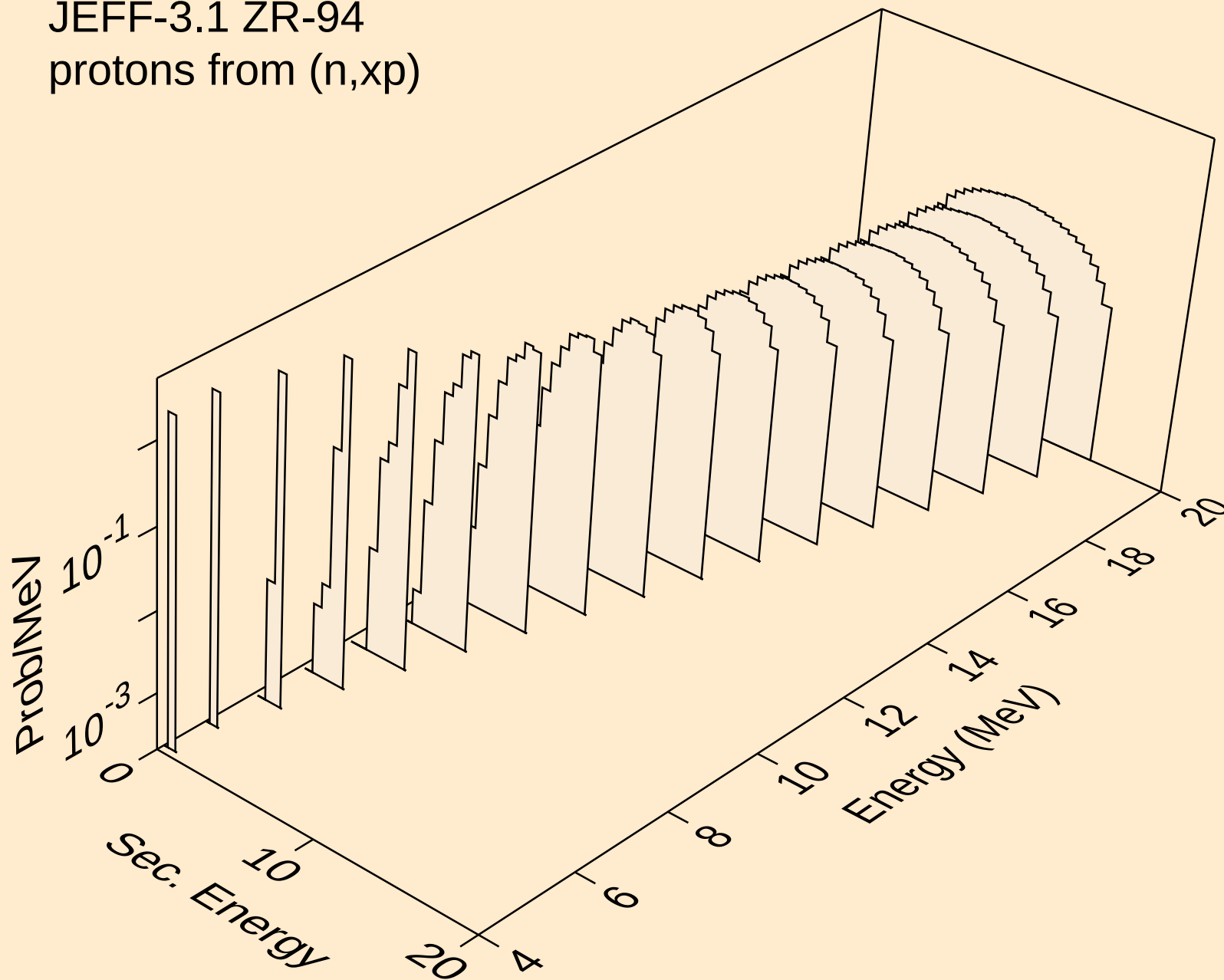


JEFF-3.1 ZR-94

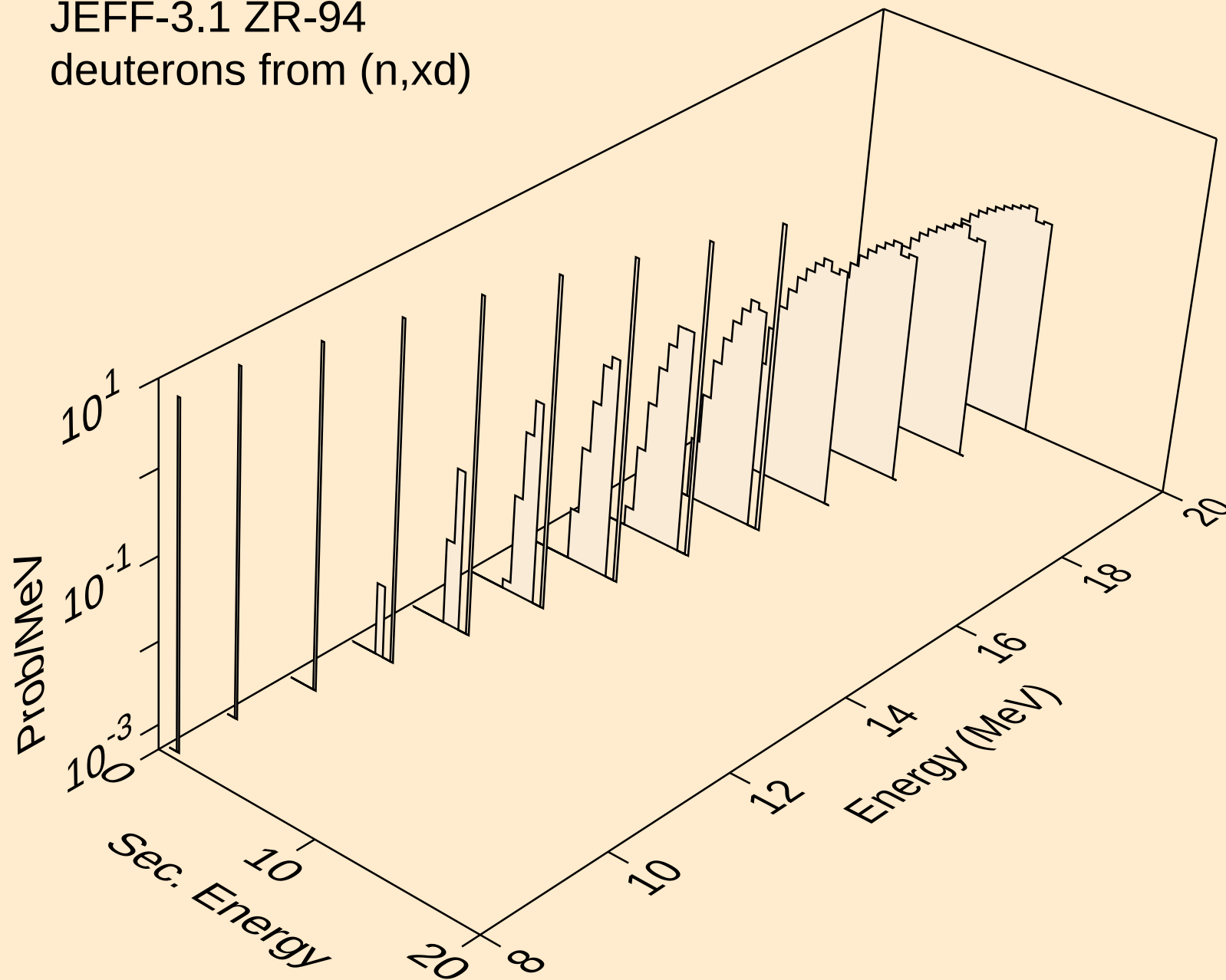
Particle production cross sections



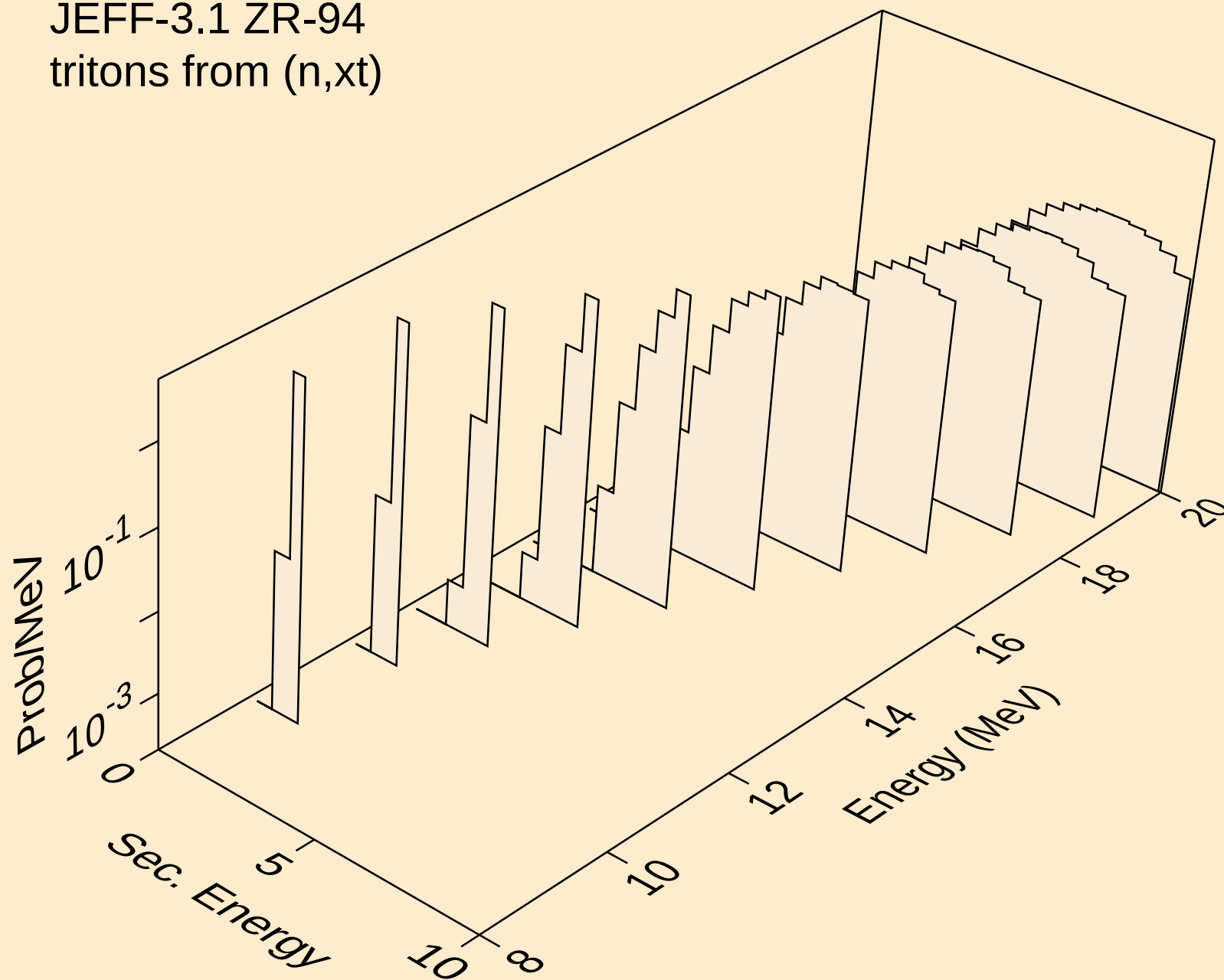
JEFF-3.1 ZR-94
protons from (n,xp)



JEFF-3.1 ZR-94
deuterons from (n,xd)



JEFF-3.1 ZR-94
tritons from (n,xt)



JEFF-3.1 ZR-94
alphas from (n,xa)

