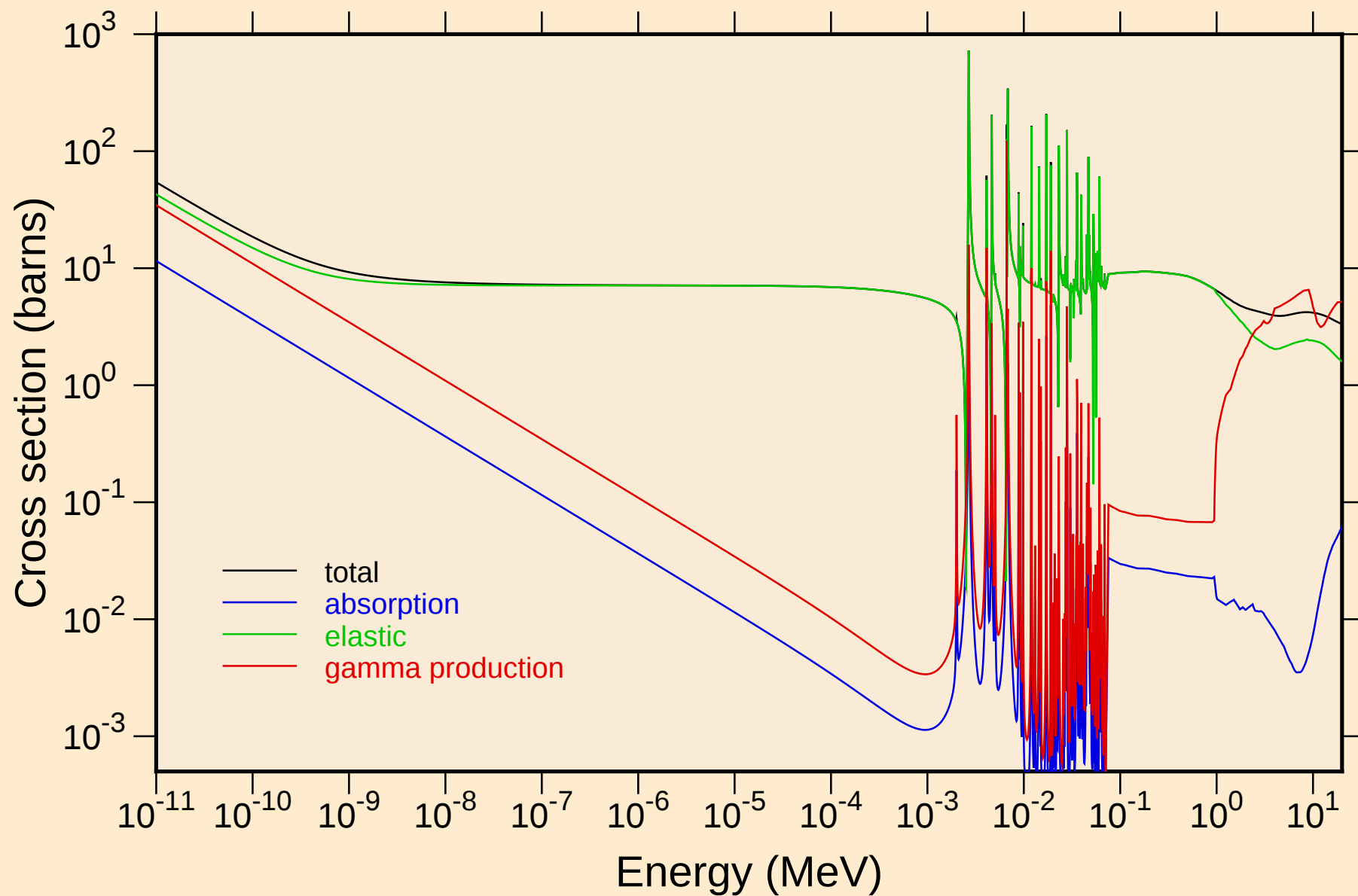


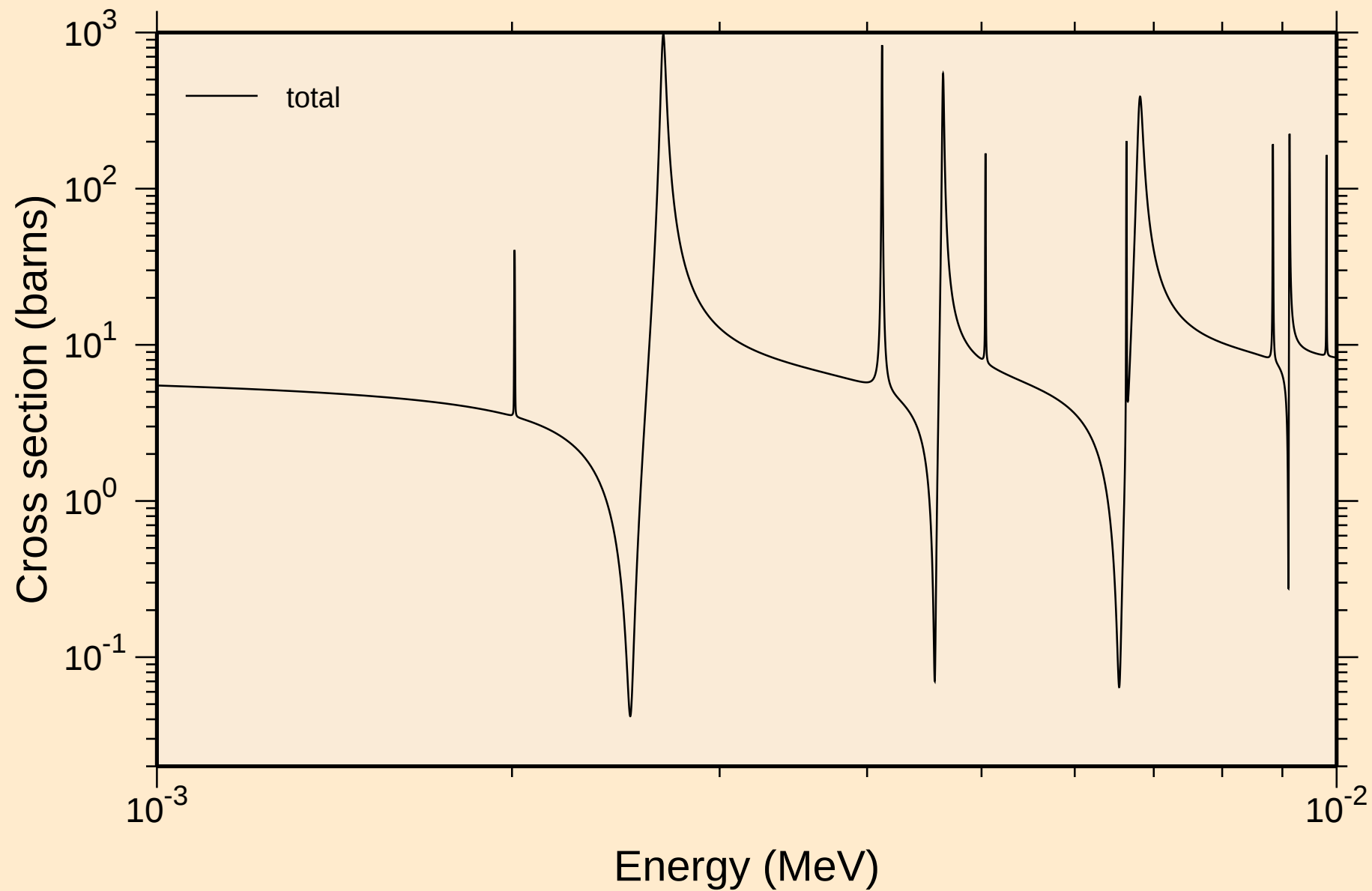
JEFF-3.1 ZR-92

Principal cross sections

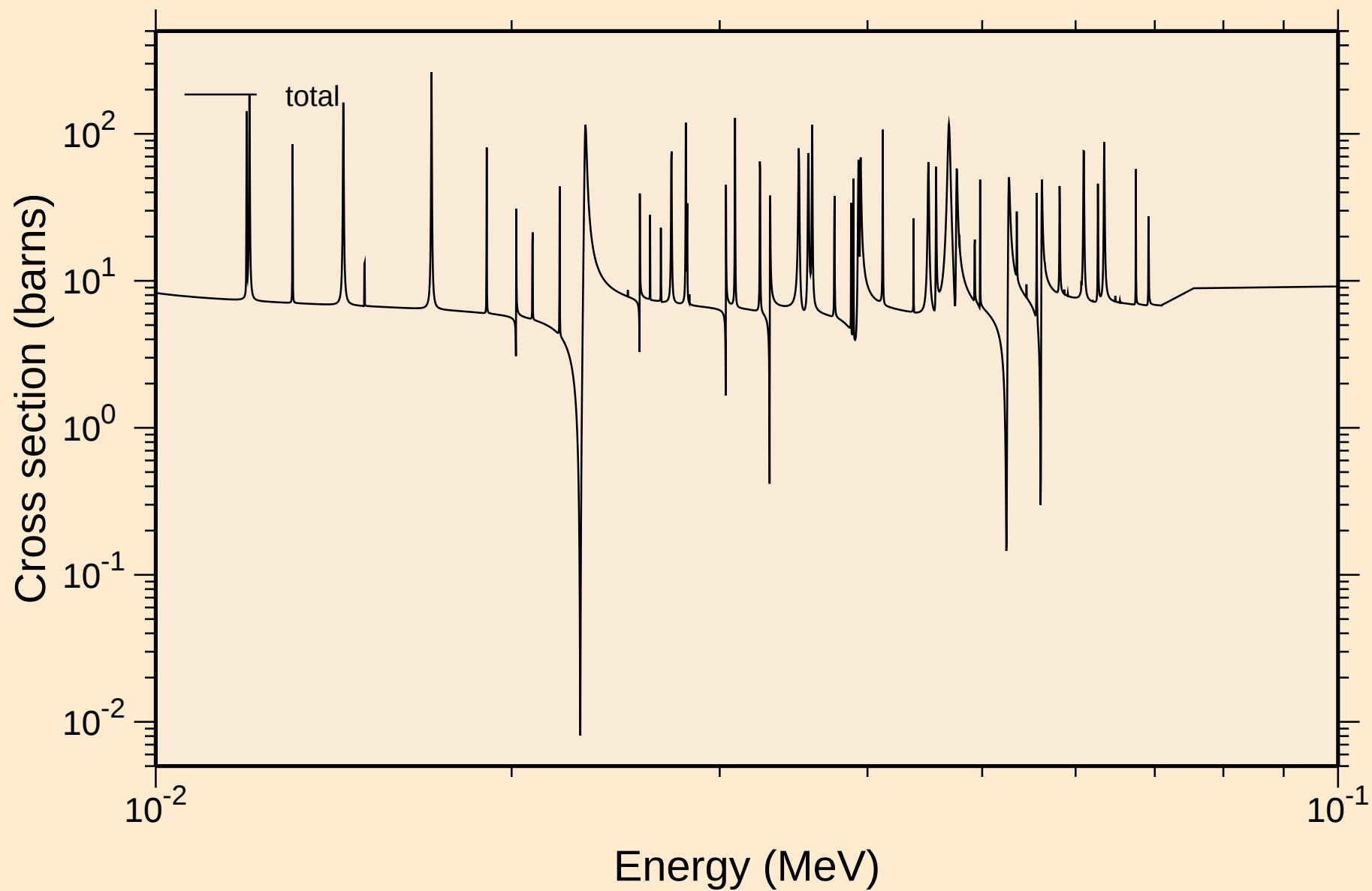


JEFF-3.1 ZR-92

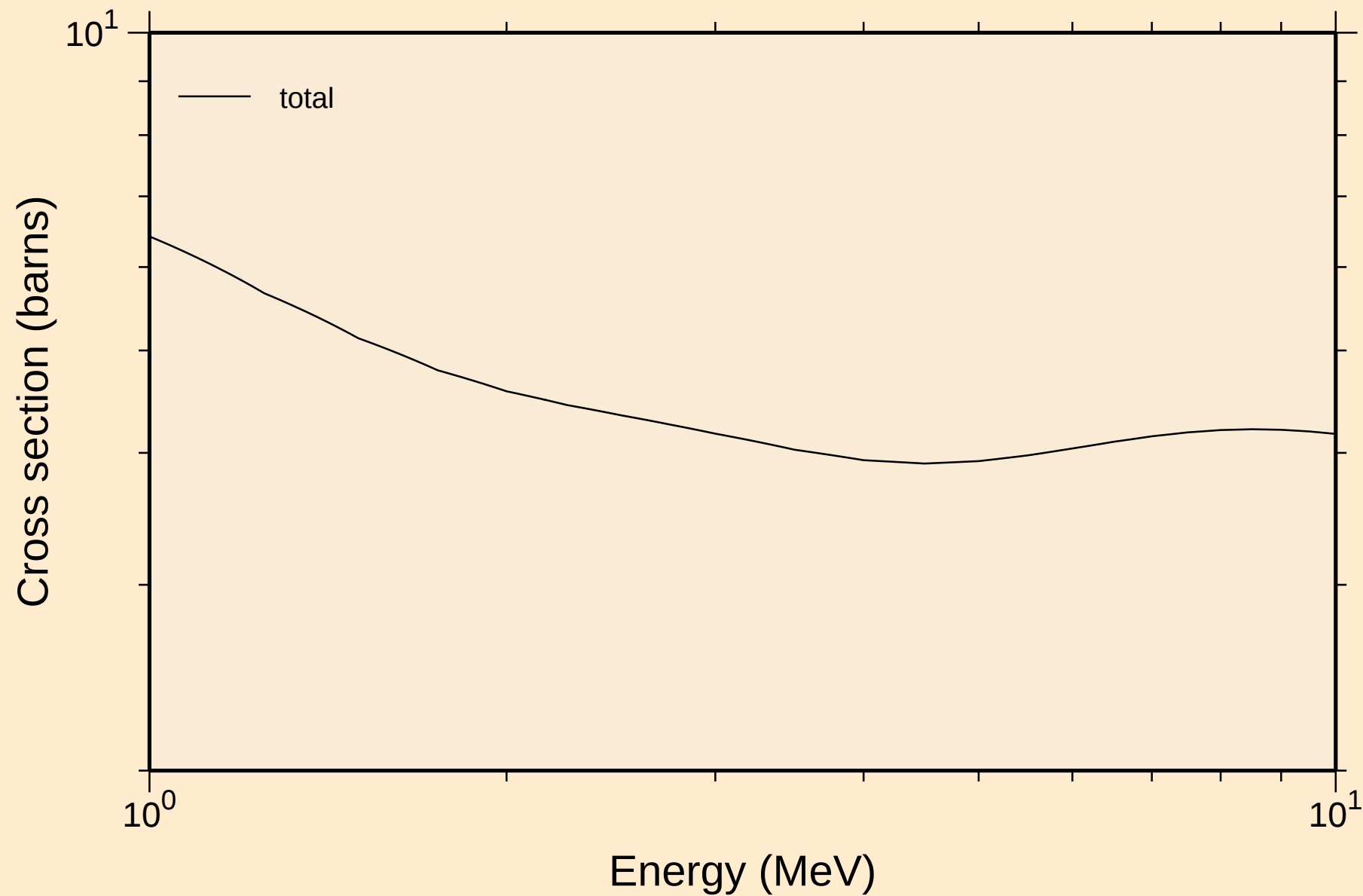
resonance total cross section



JEFF-3.1 ZR-92
resonance total cross section

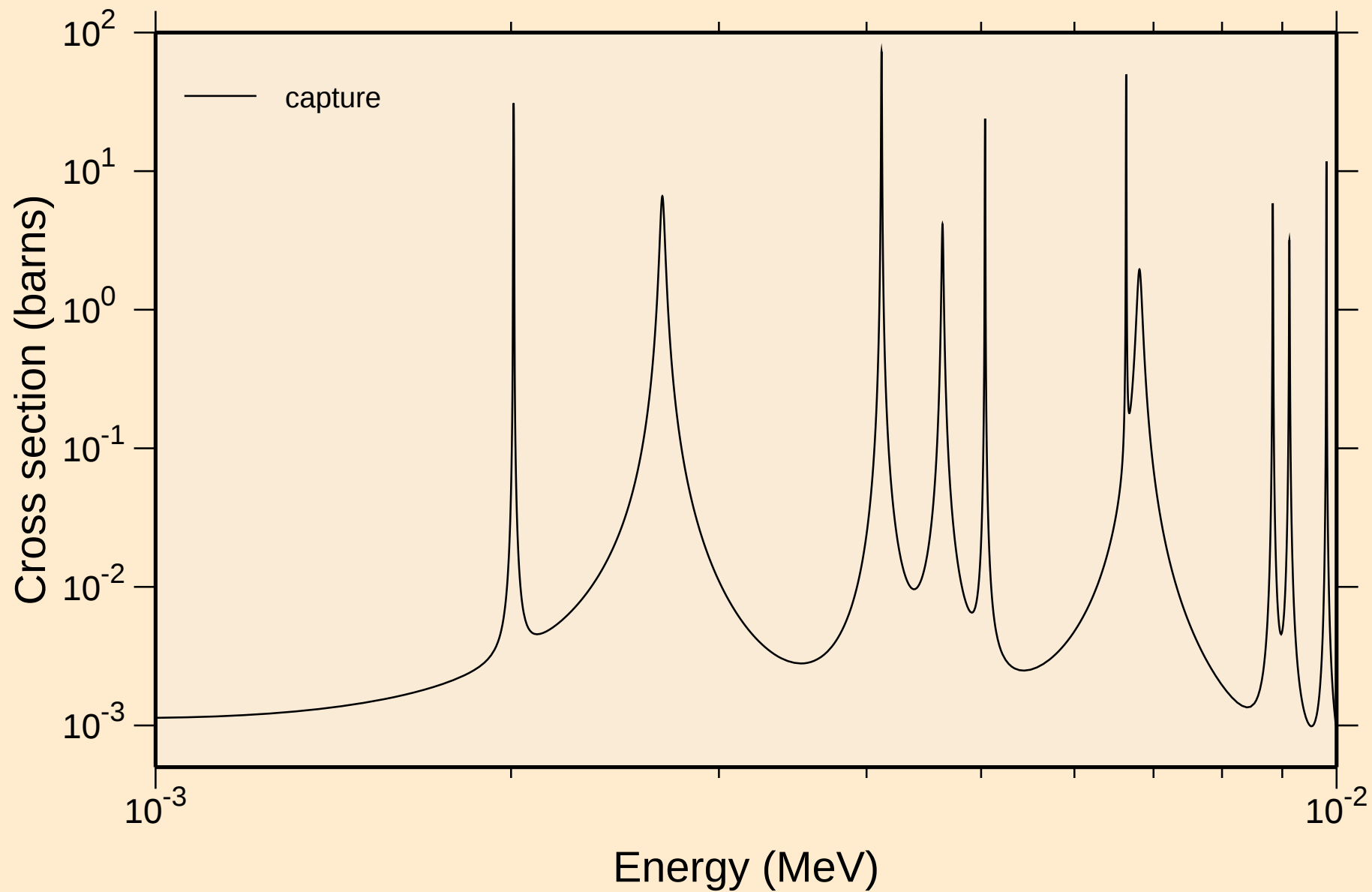


JEFF-3.1 ZR-92
resonance total cross section



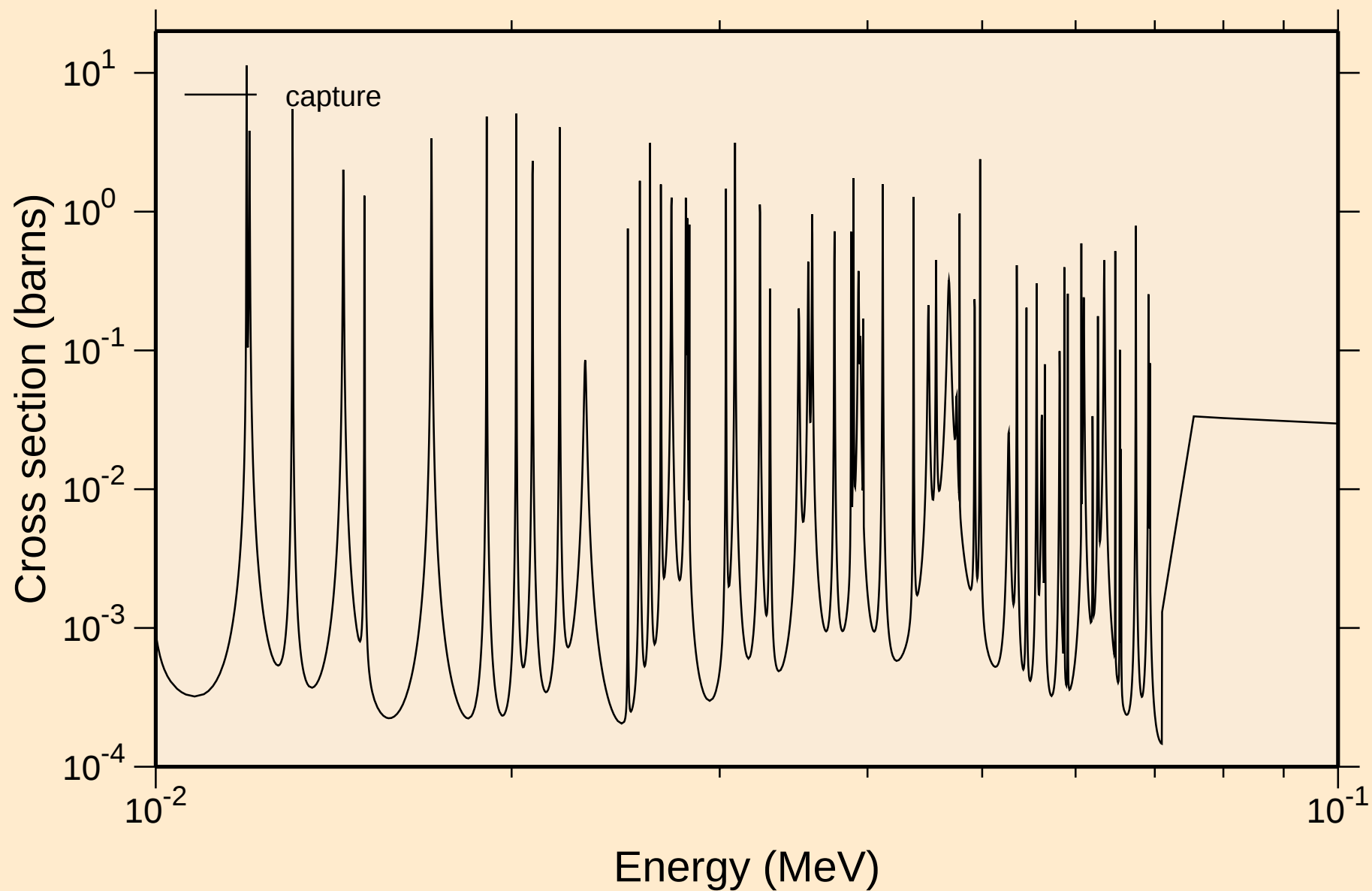
JEFF-3.1 ZR-92

resonance absorption cross sections



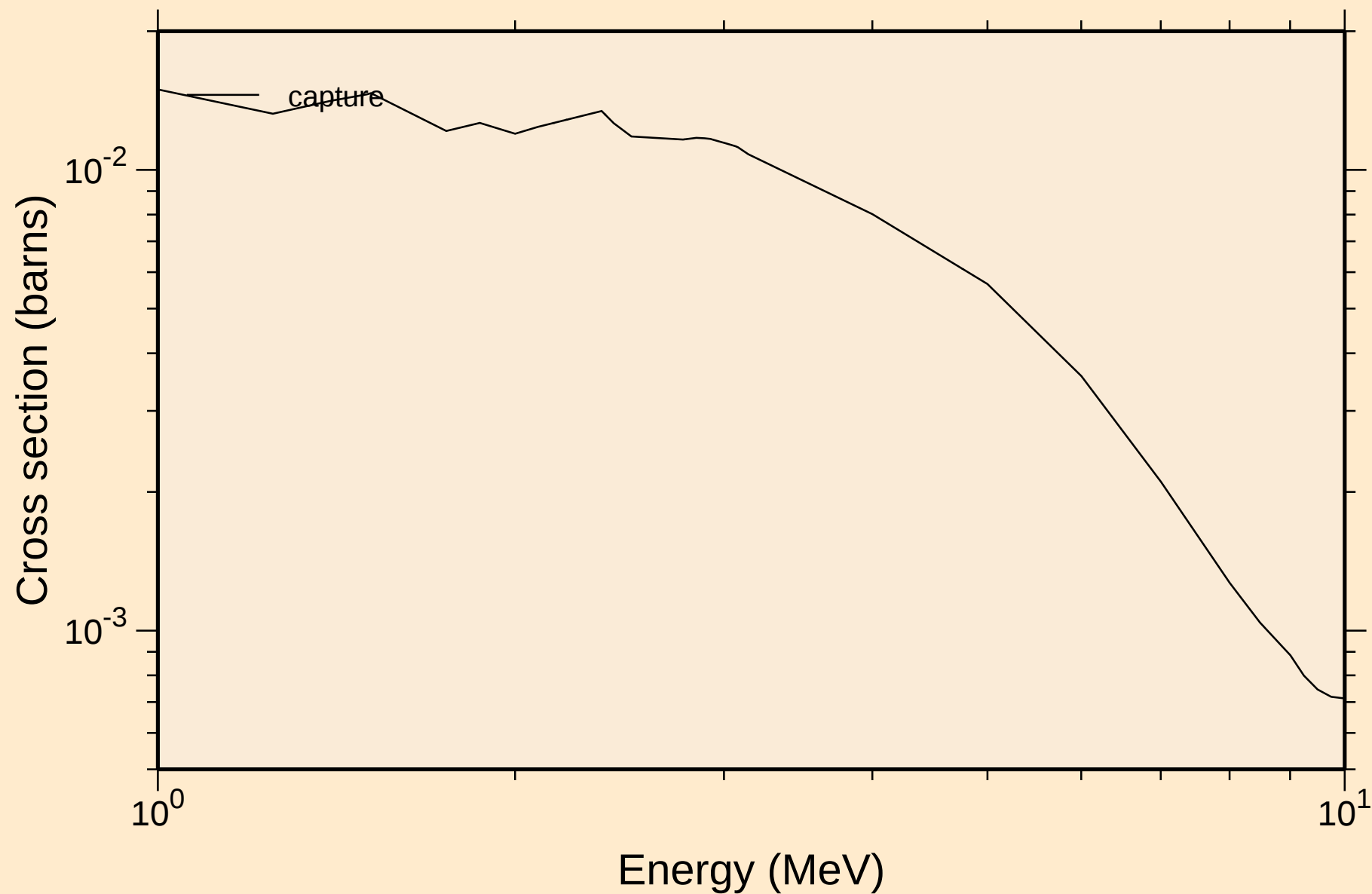
JEFF-3.1 ZR-92

resonance absorption cross sections

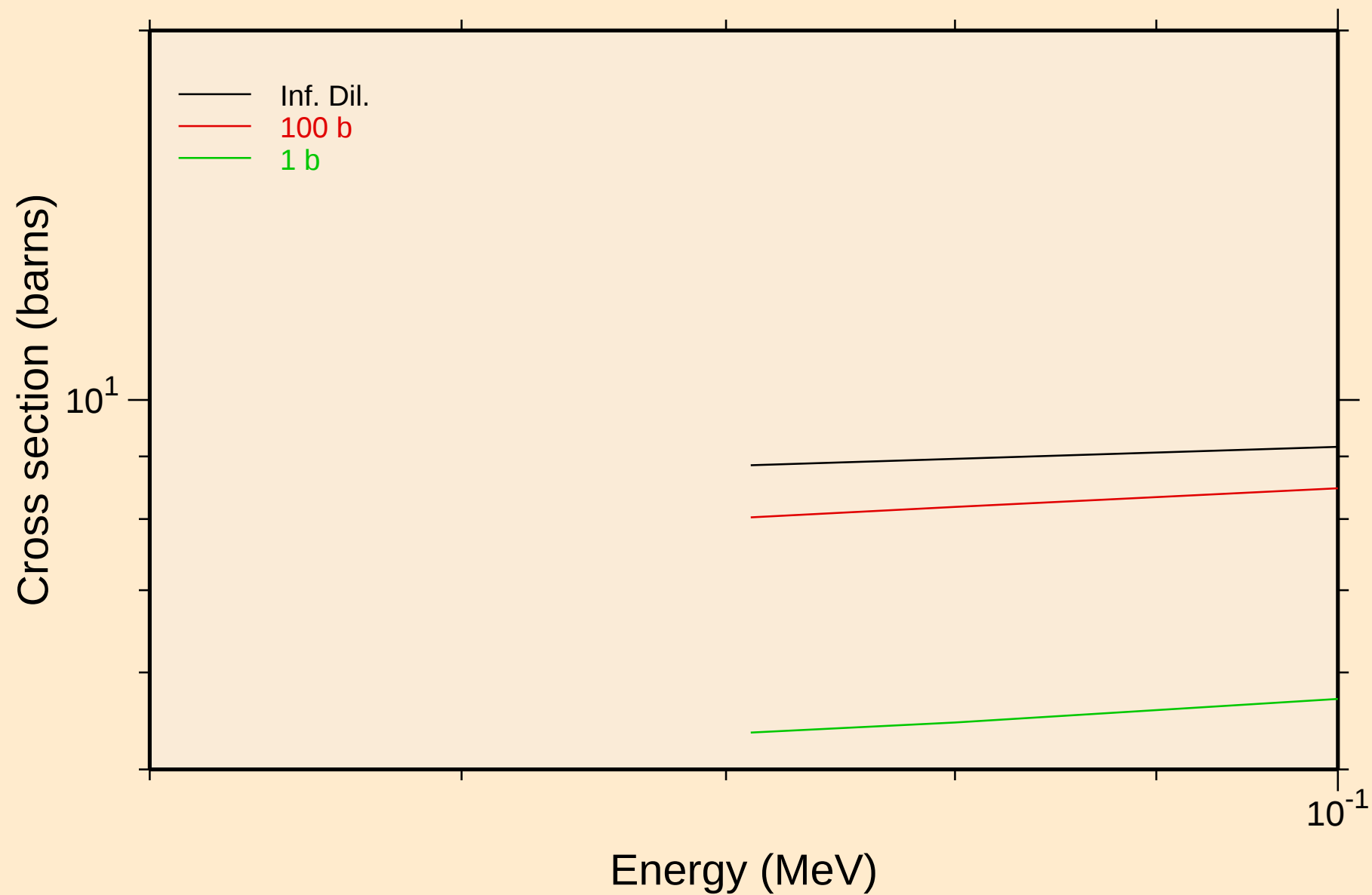


JEFF-3.1 ZR-92

resonance absorption cross sections

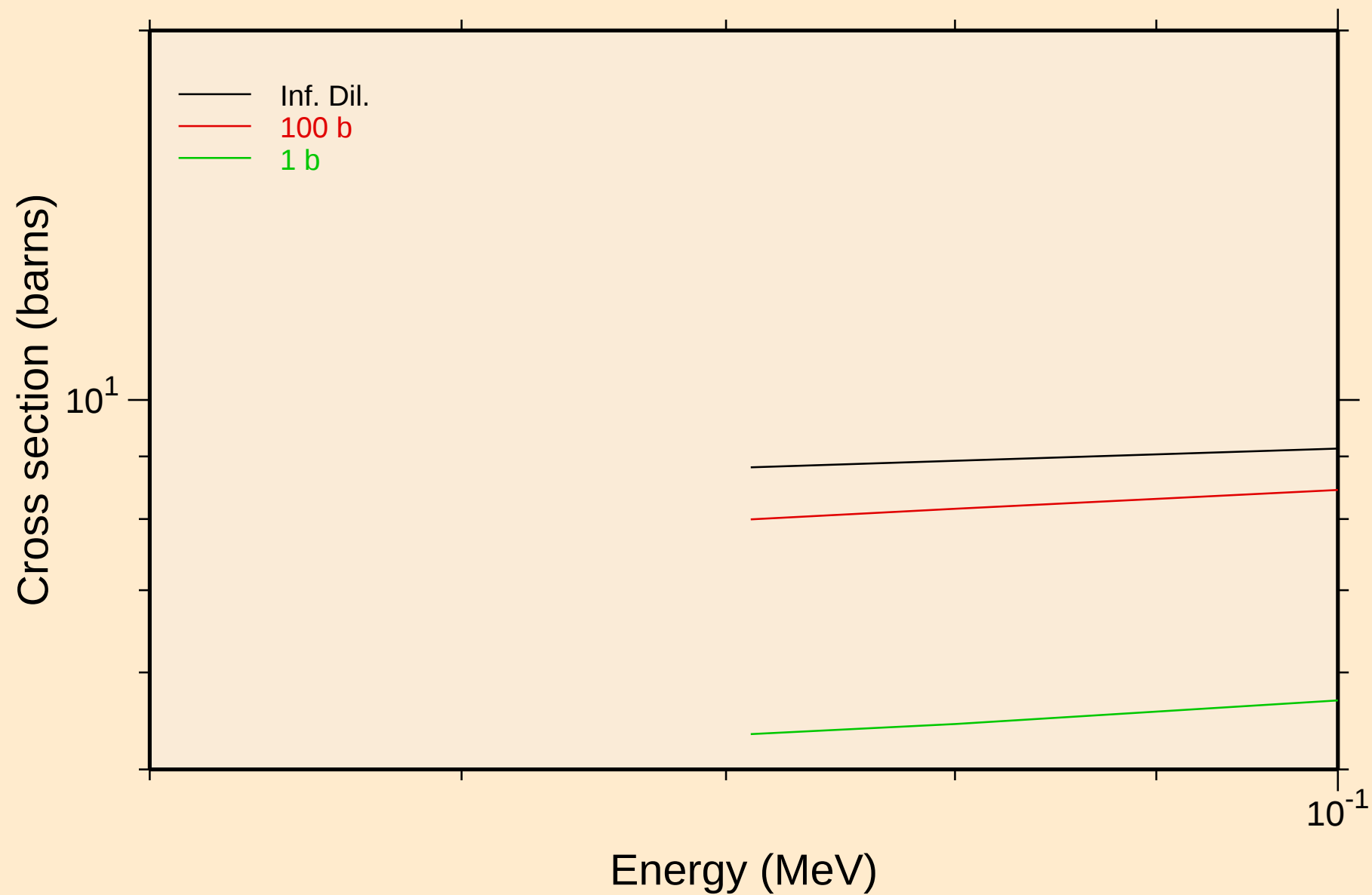


JEFF-3.1 ZR-92
UR total cross section



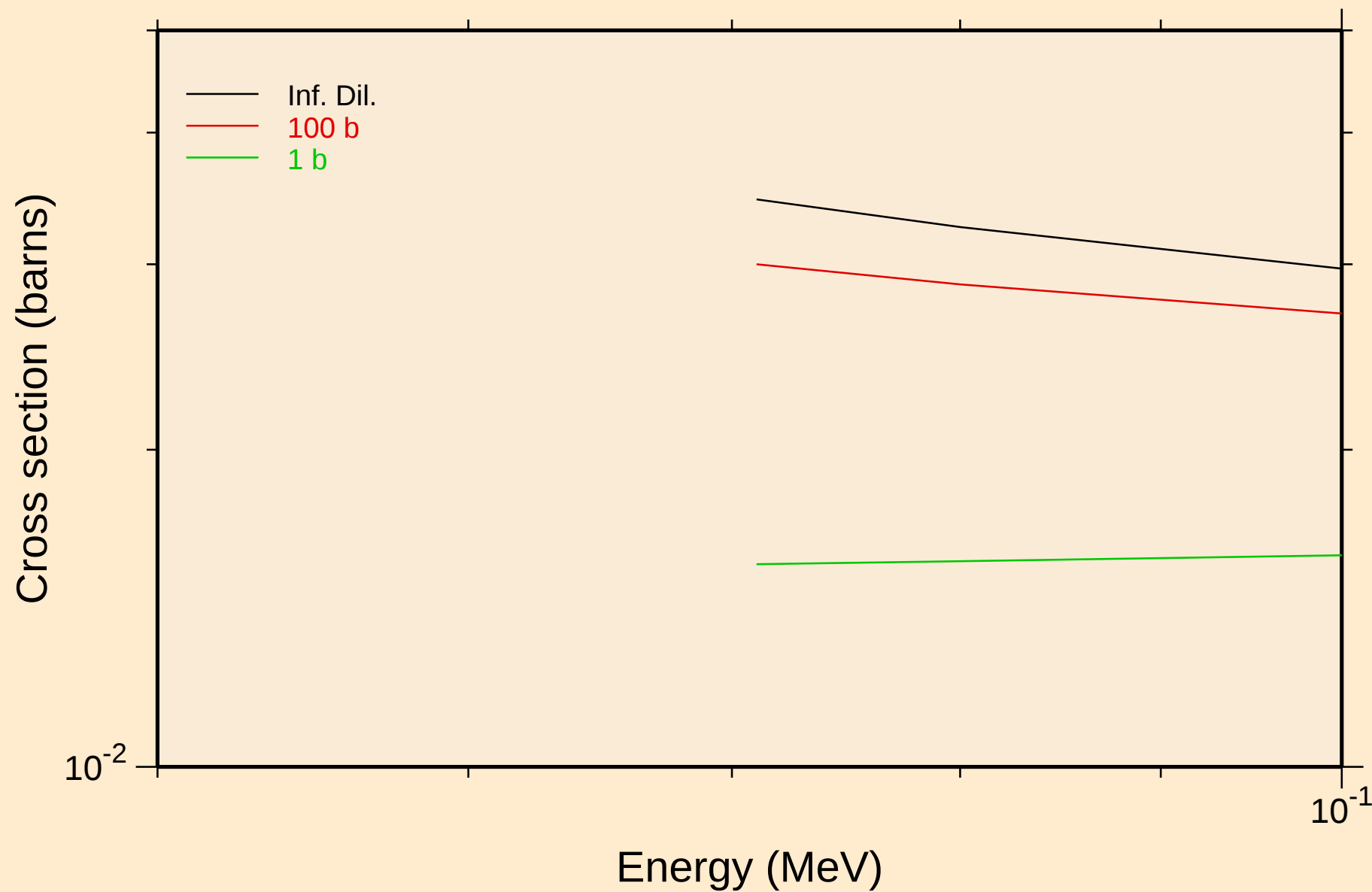
JEFF-3.1 ZR-92

UR elastic cross section



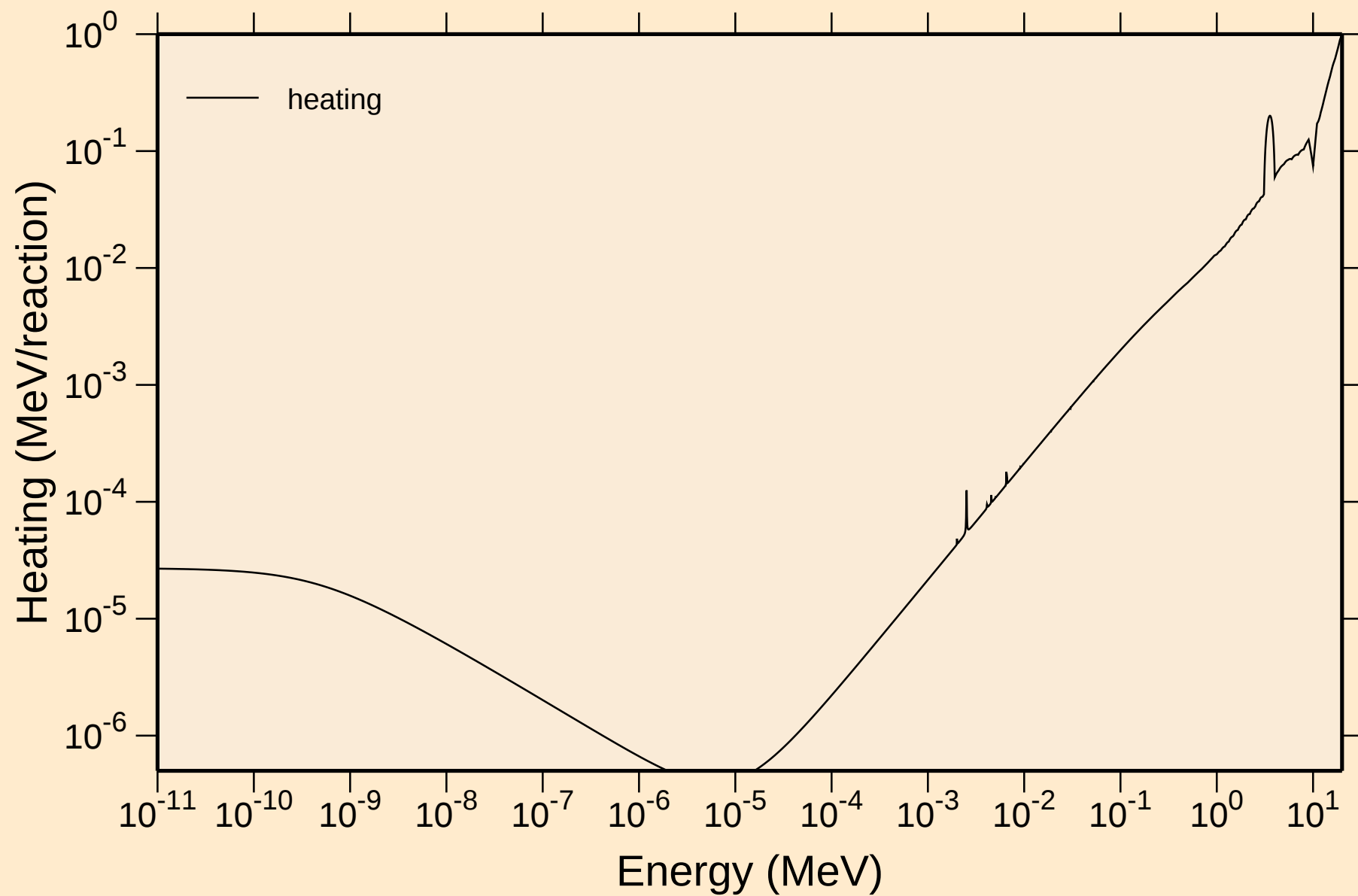
JEFF-3.1 ZR-92

UR capture cross section



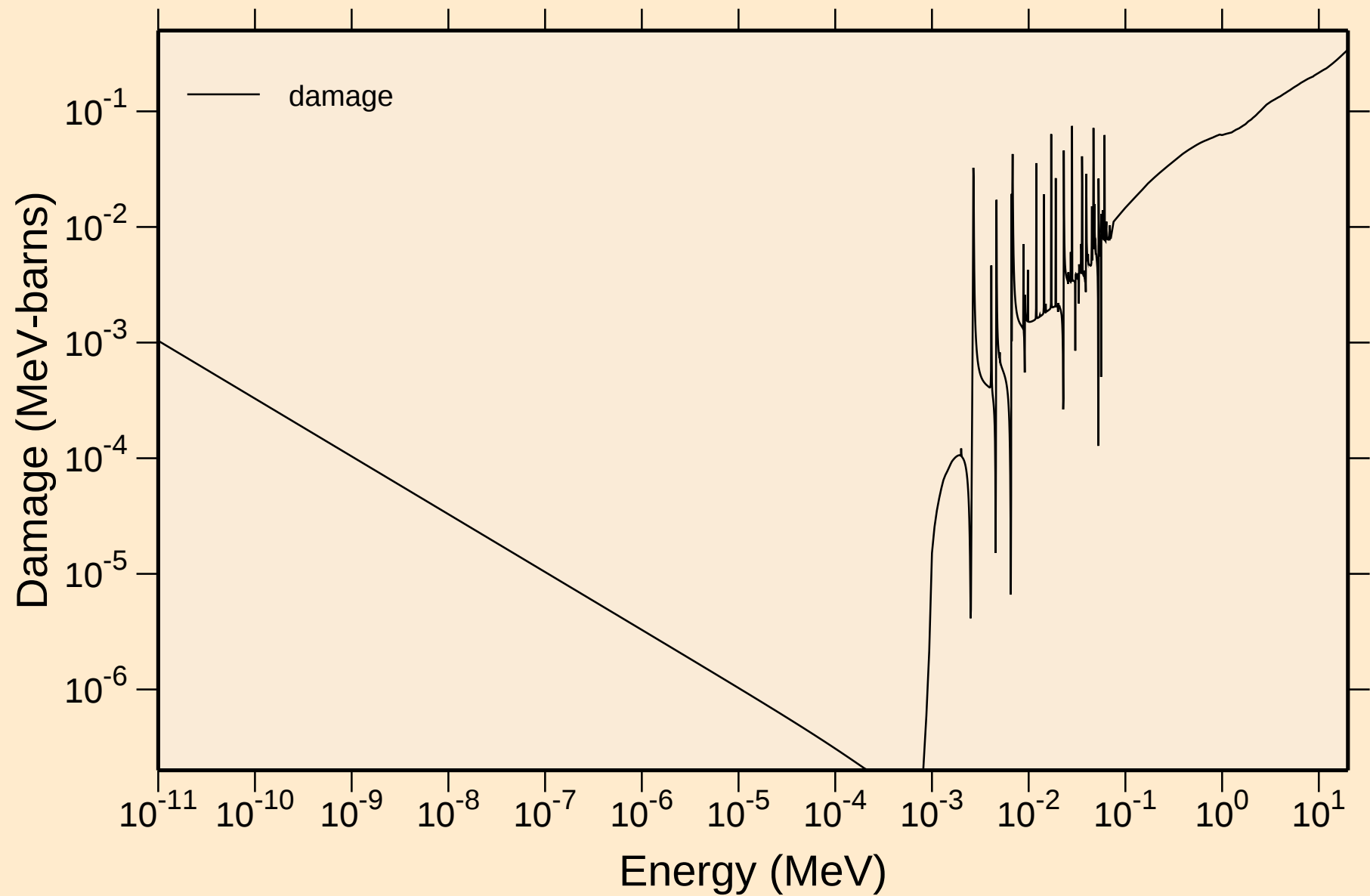
JEFF-3.1 ZR-92

Heating



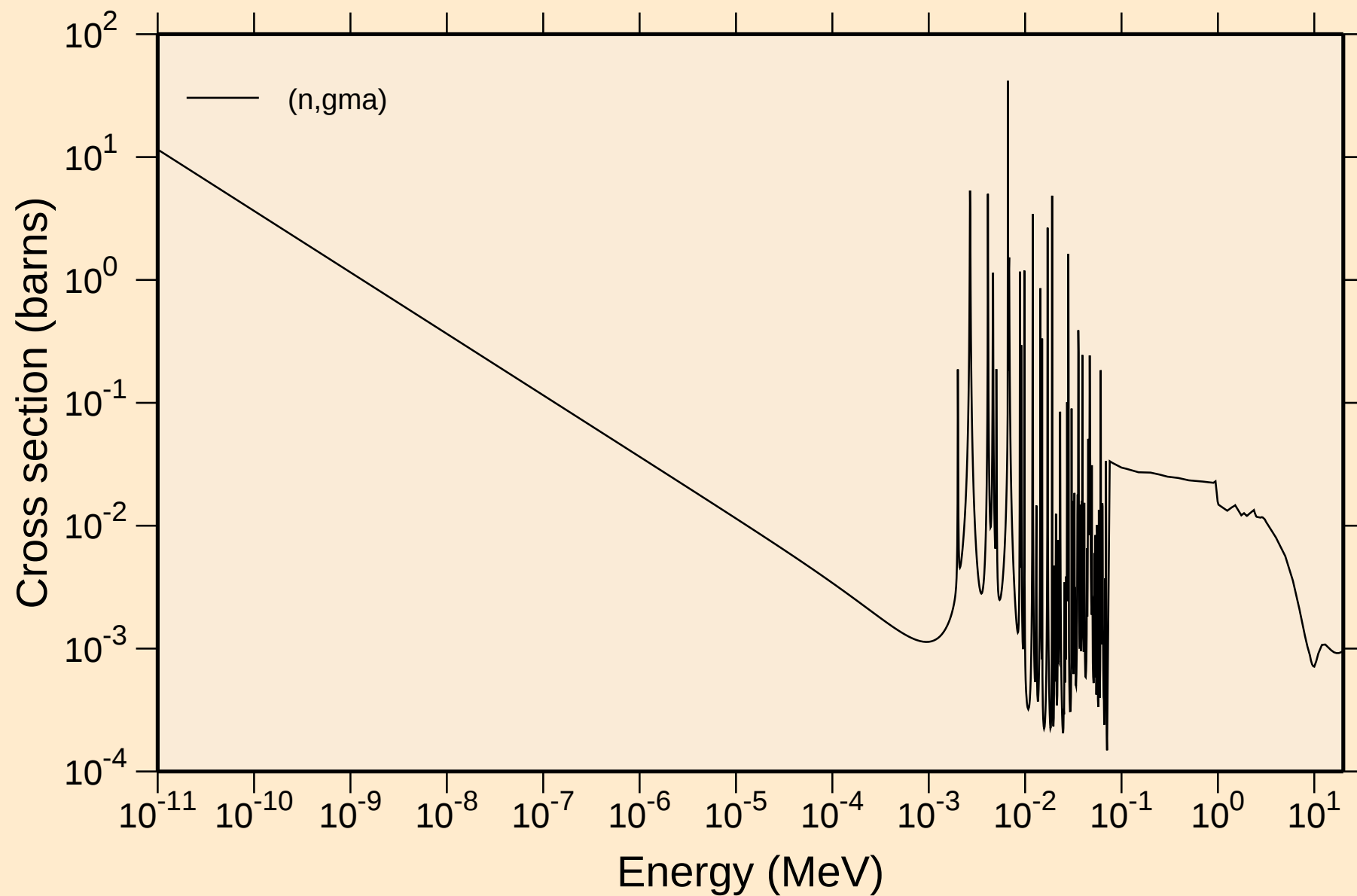
JEFF-3.1 ZR-92

Damage



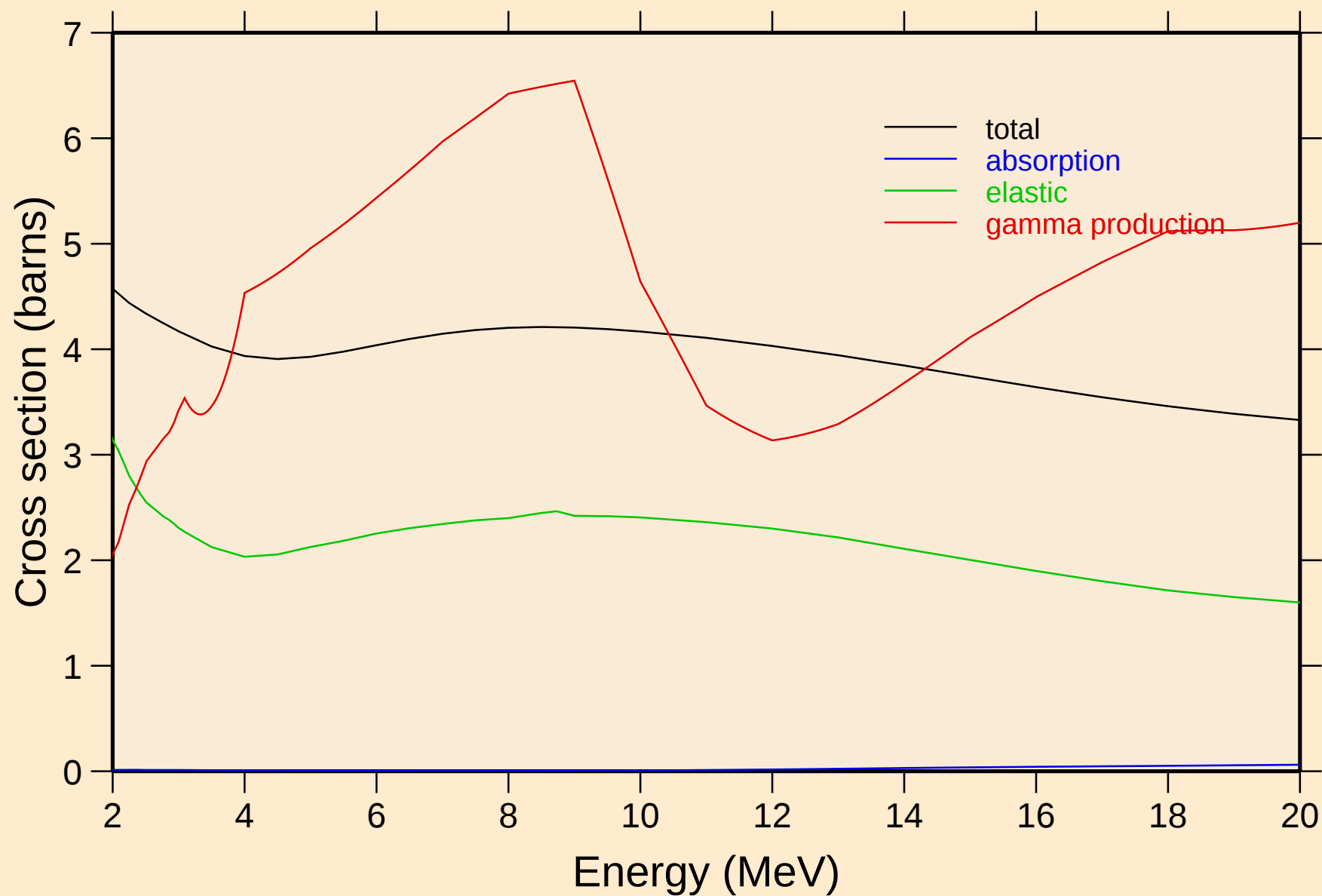
JEFF-3.1 ZR-92

Non-threshold reactions



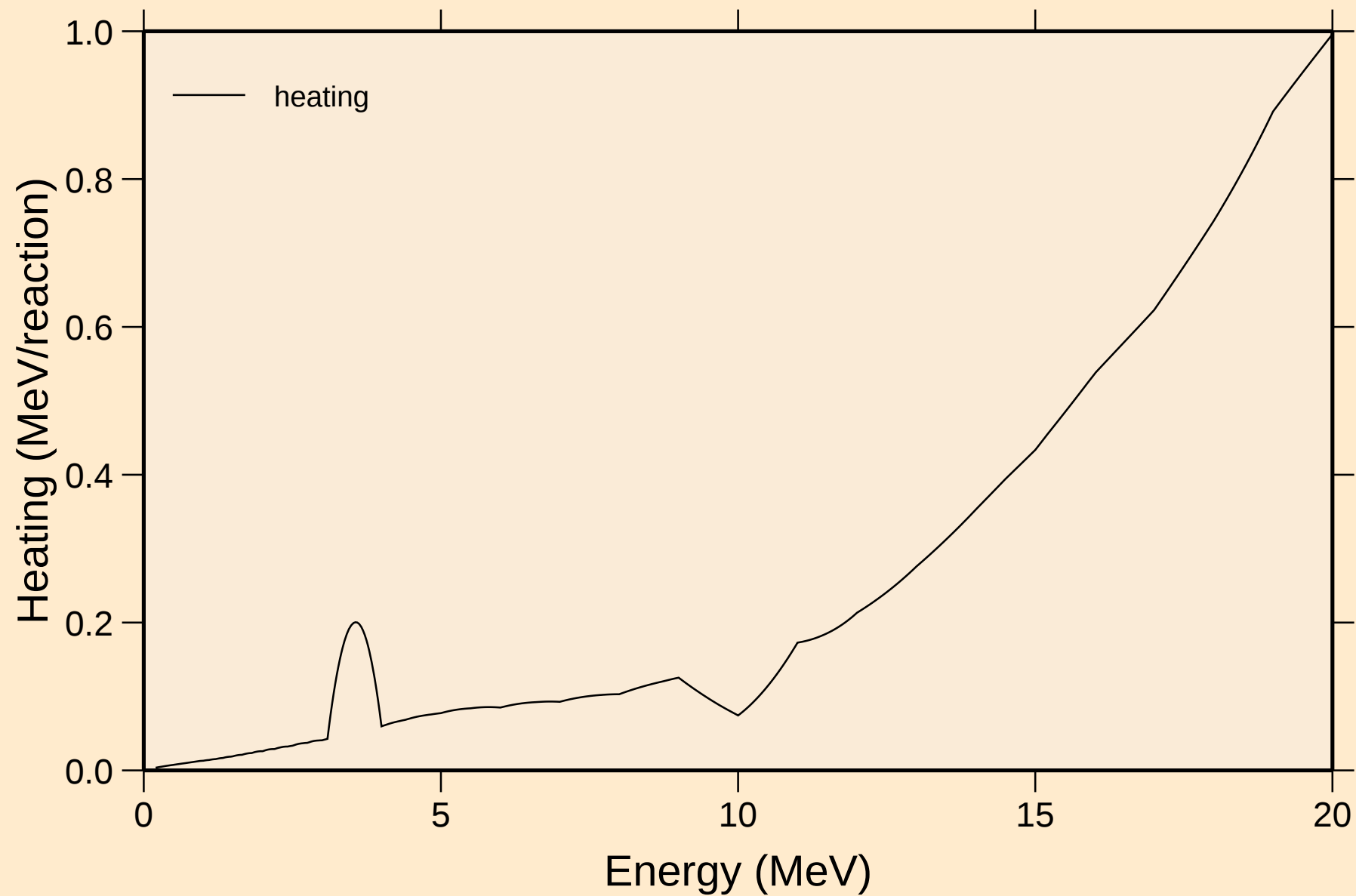
JEFF-3.1 ZR-92

Principal cross sections



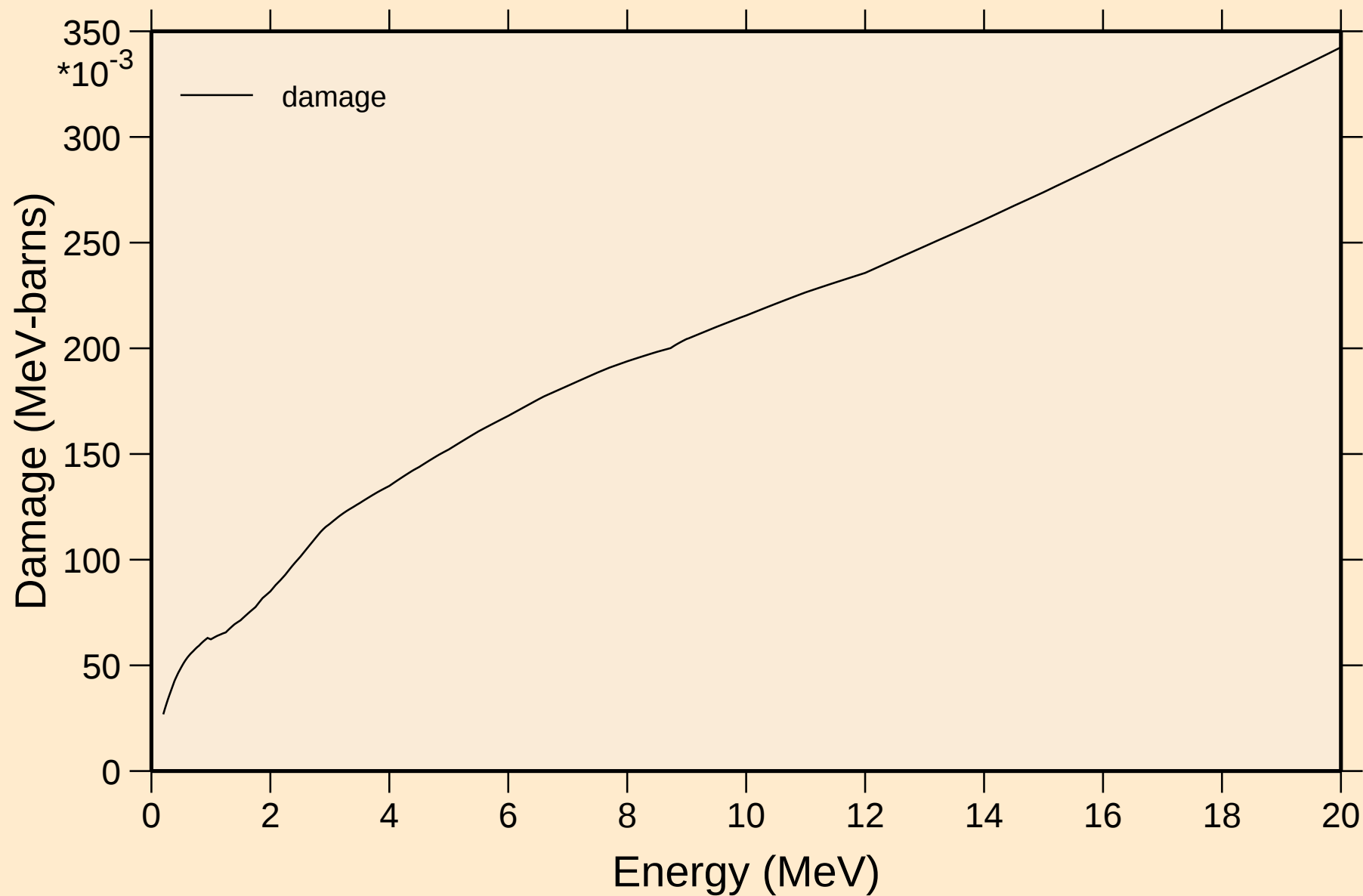
JEFF-3.1 ZR-92

Heating



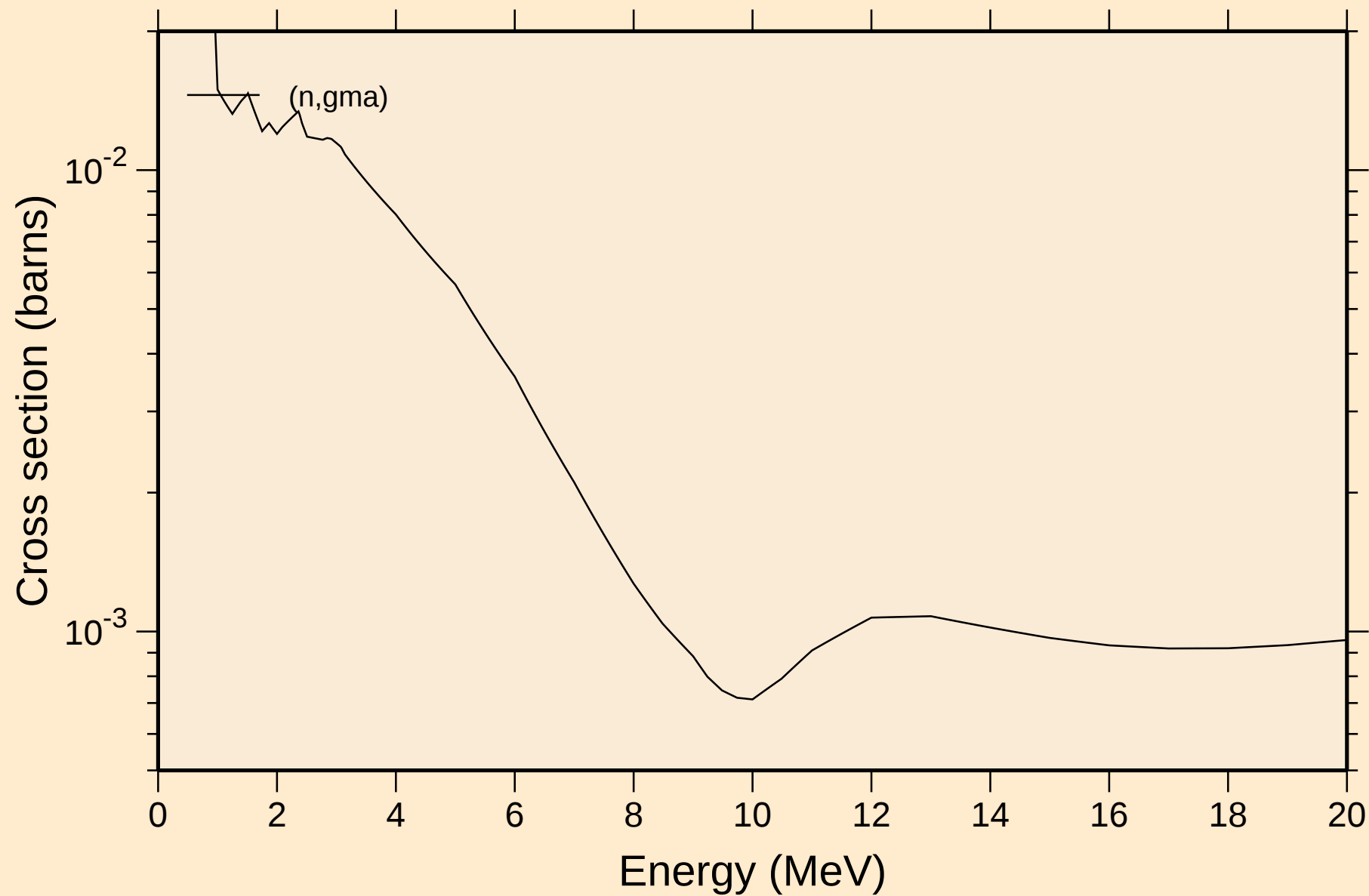
JEFF-3.1 ZR-92

Damage



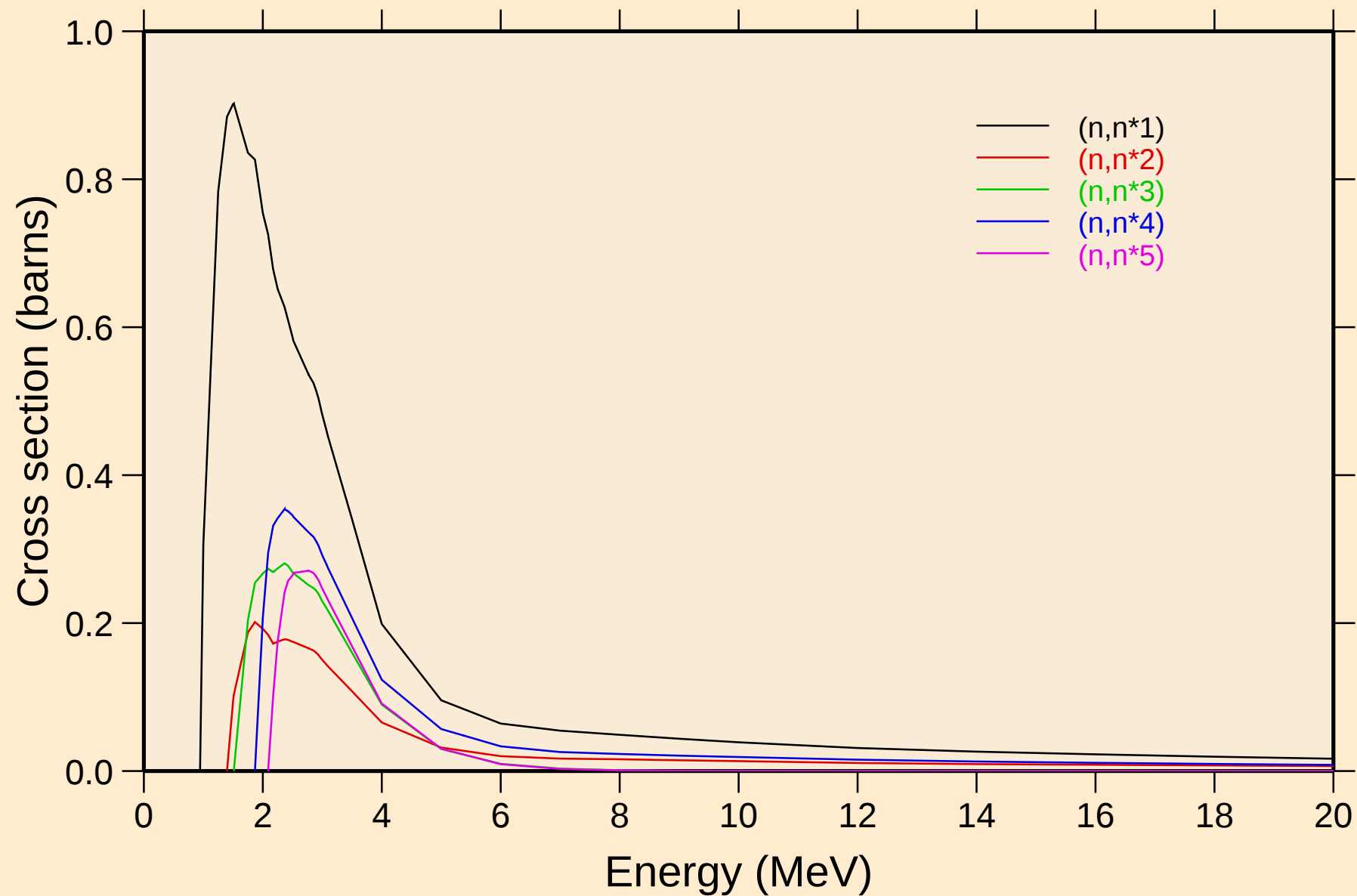
JEFF-3.1 ZR-92

Non-threshold reactions



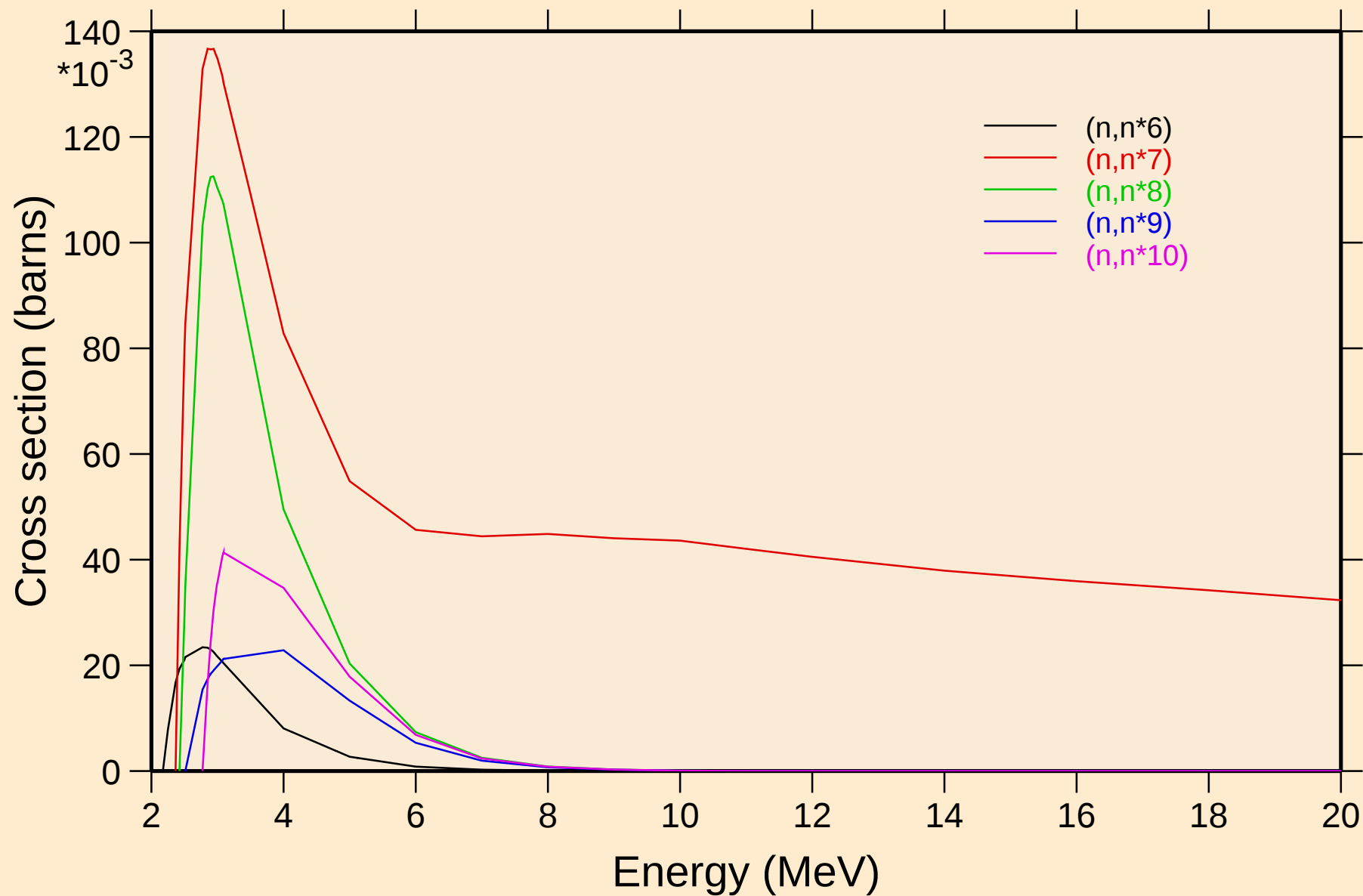
JEFF-3.1 ZR-92

Inelastic levels



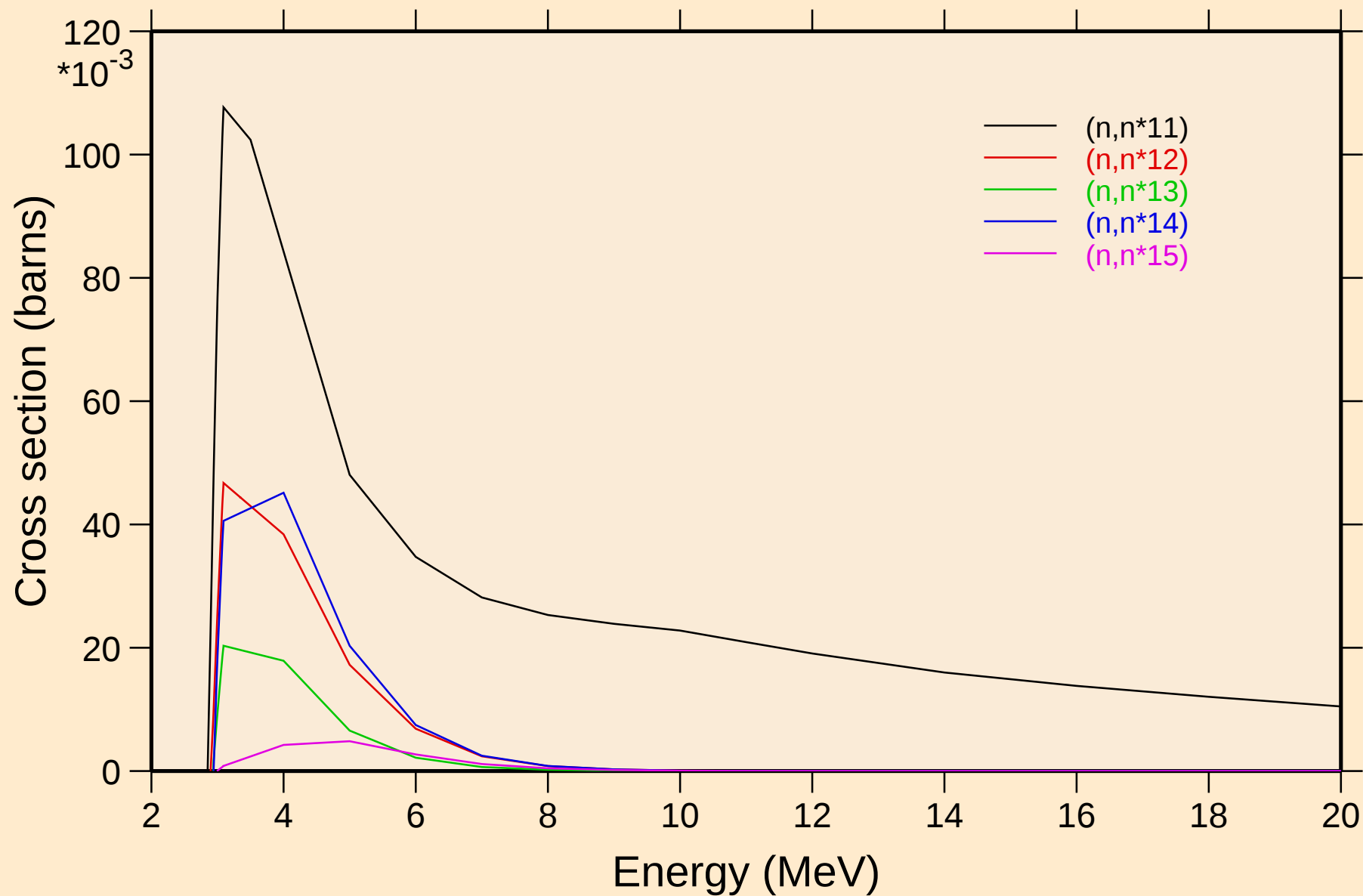
JEFF-3.1 ZR-92

Inelastic levels



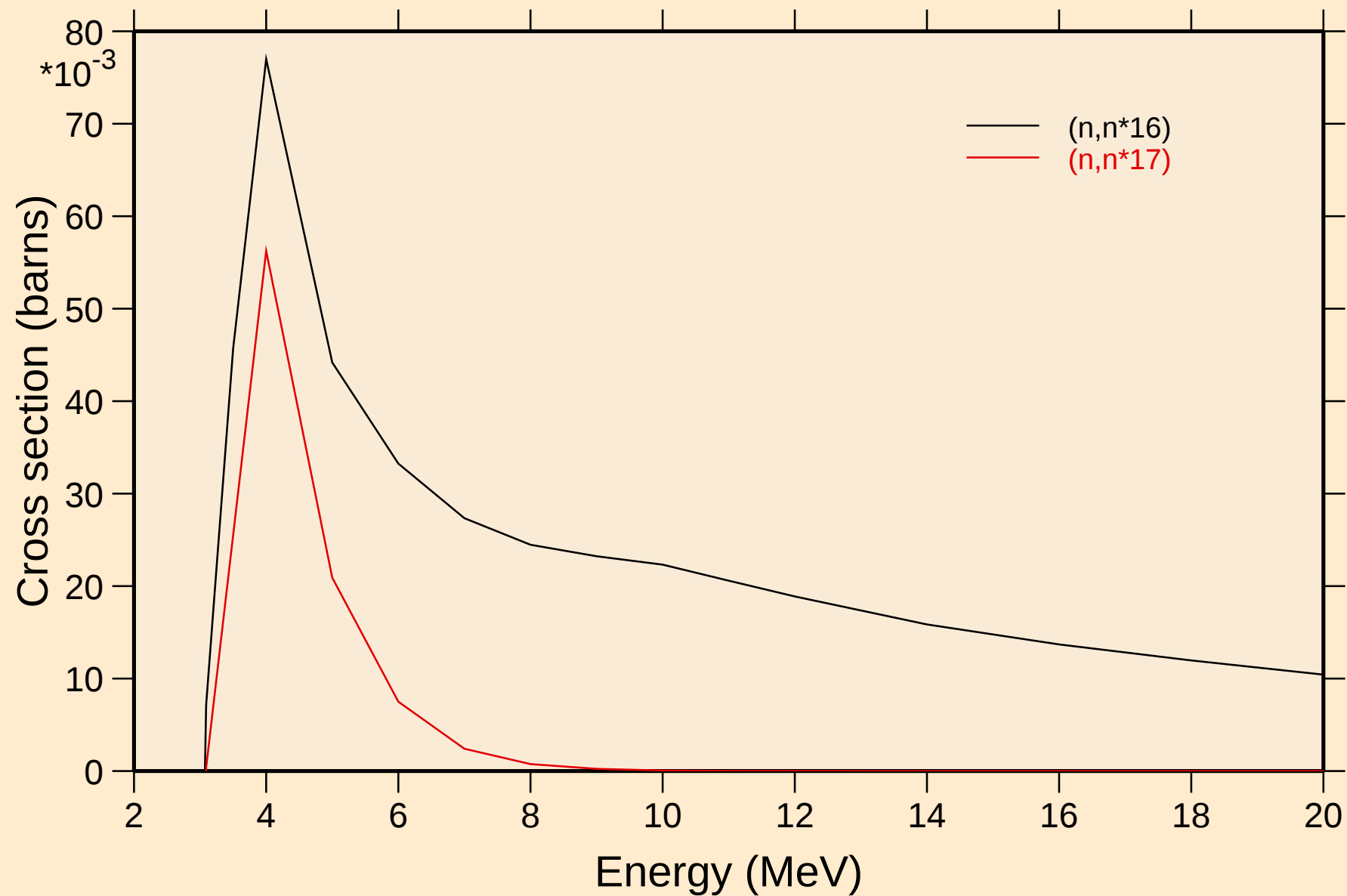
JEFF-3.1 ZR-92

Inelastic levels



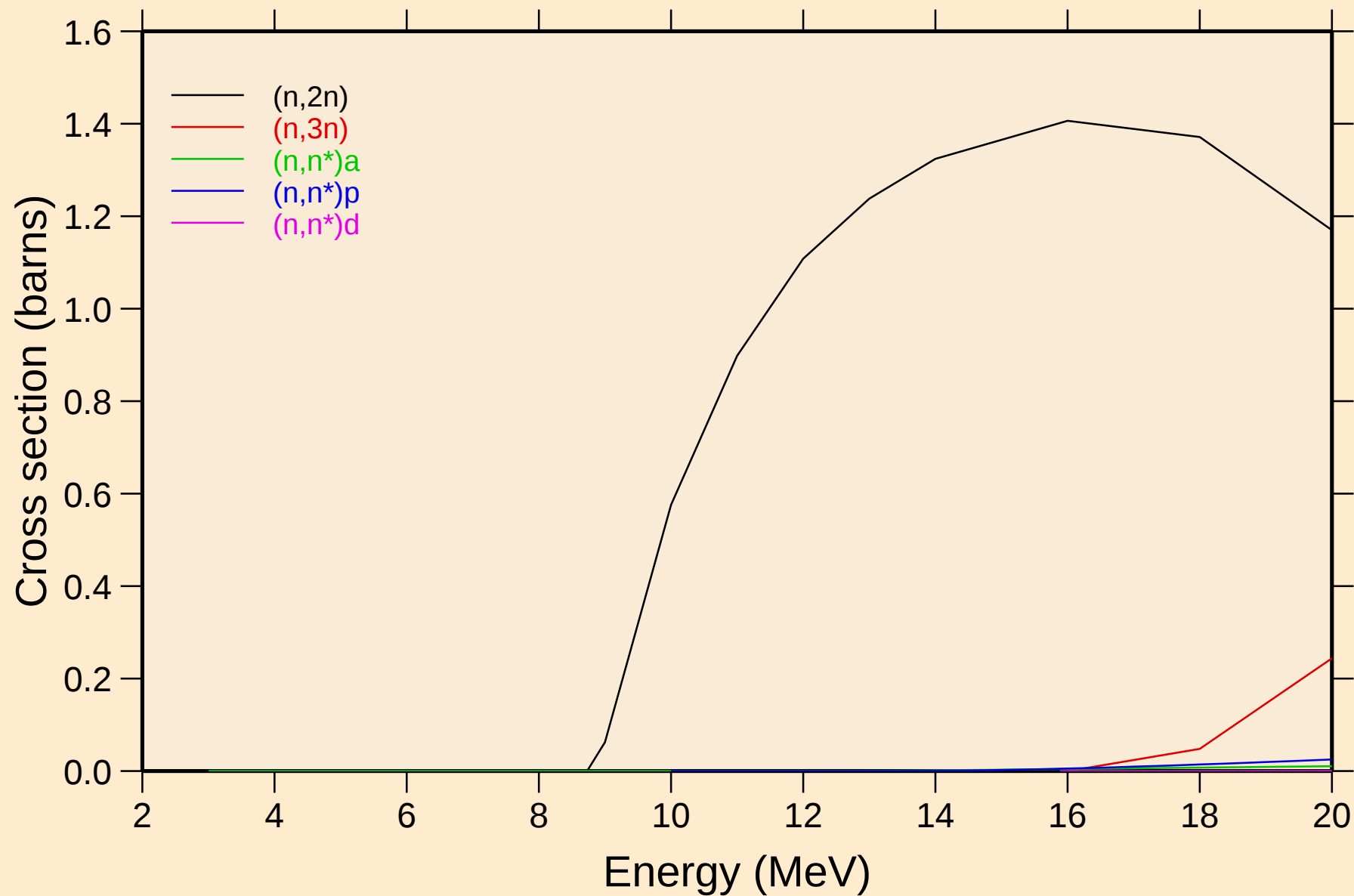
JEFF-3.1 ZR-92

Inelastic levels



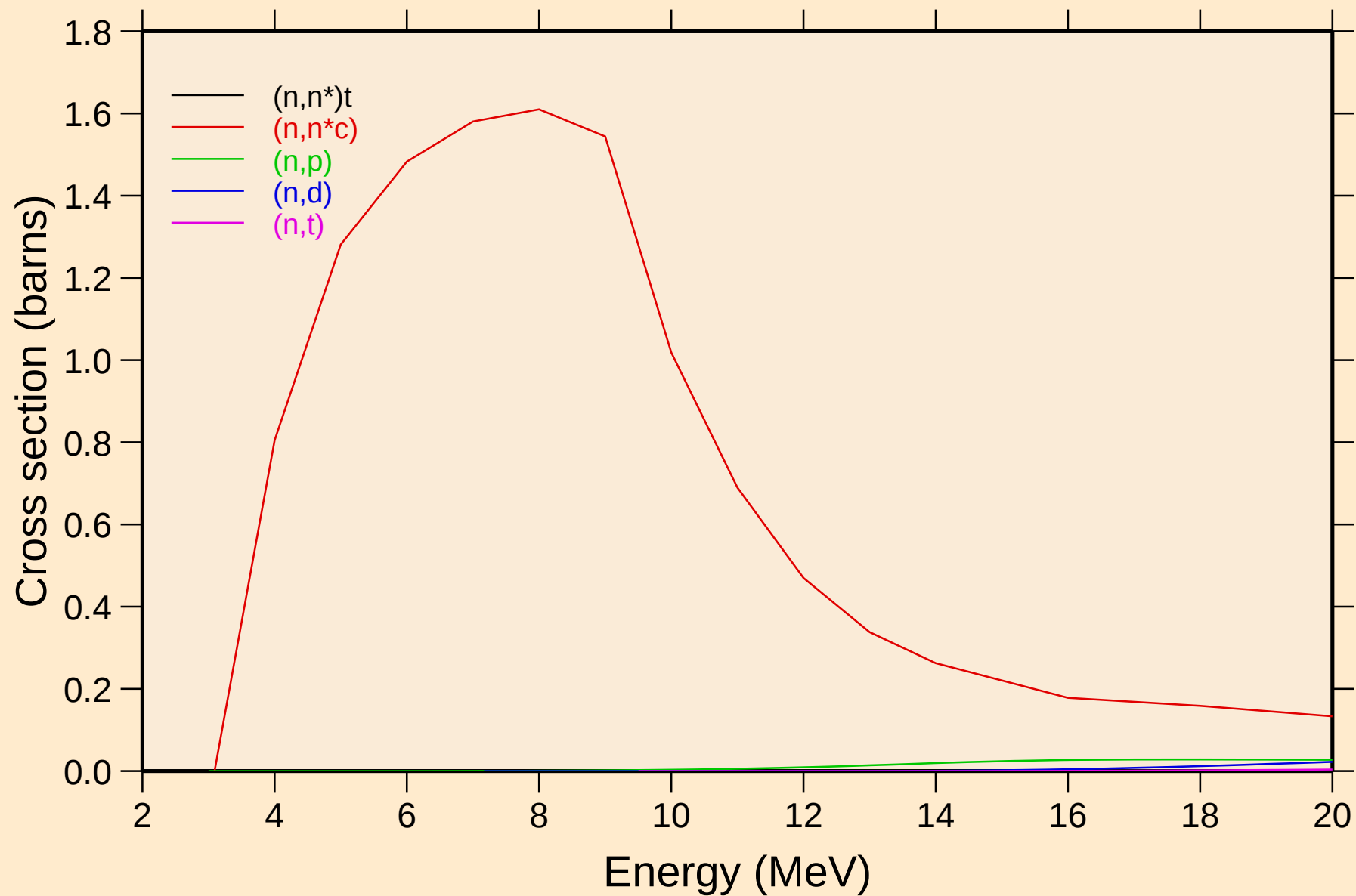
JEFF-3.1 ZR-92

Threshold reactions



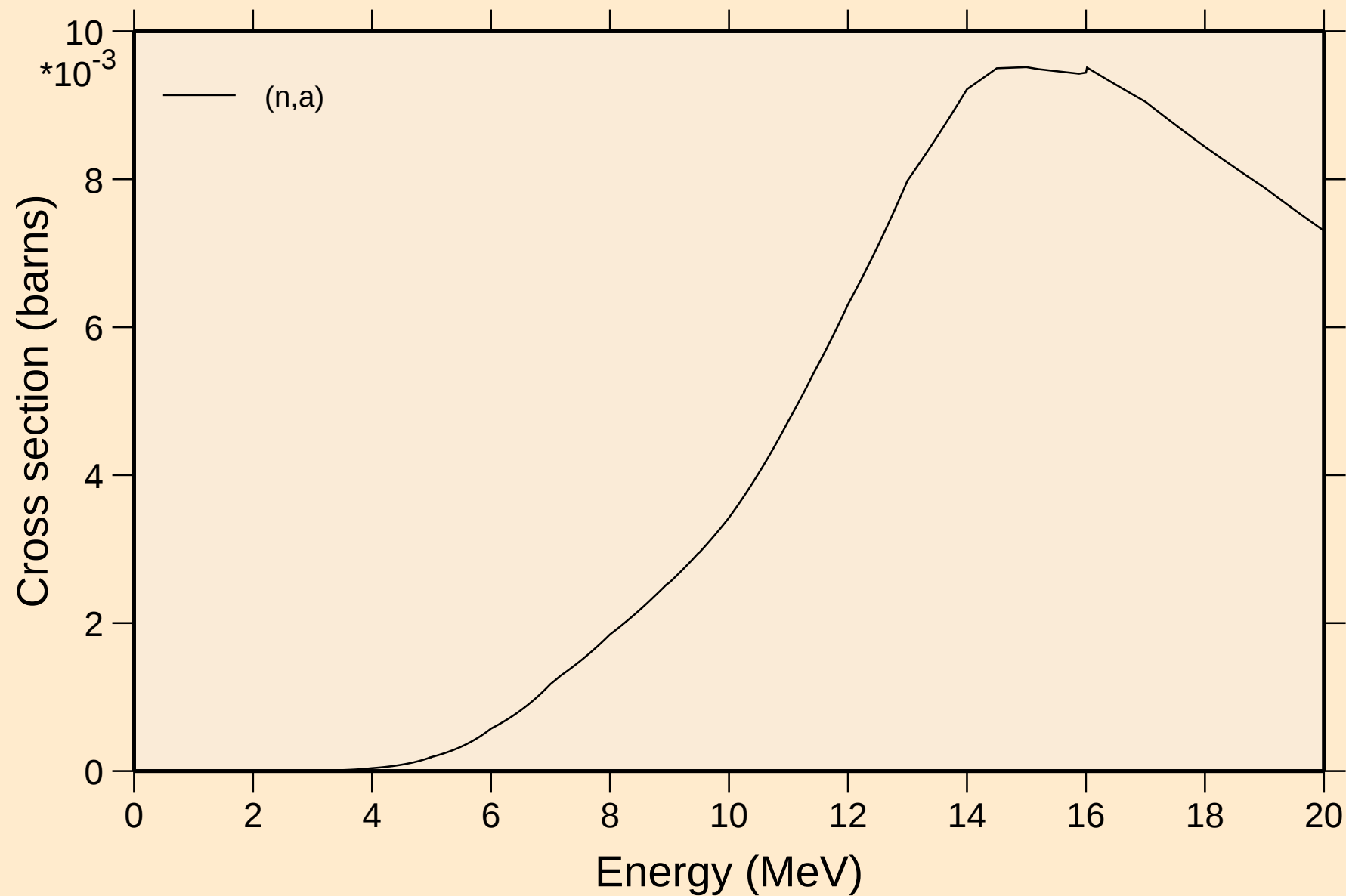
JEFF-3.1 ZR-92

Threshold reactions



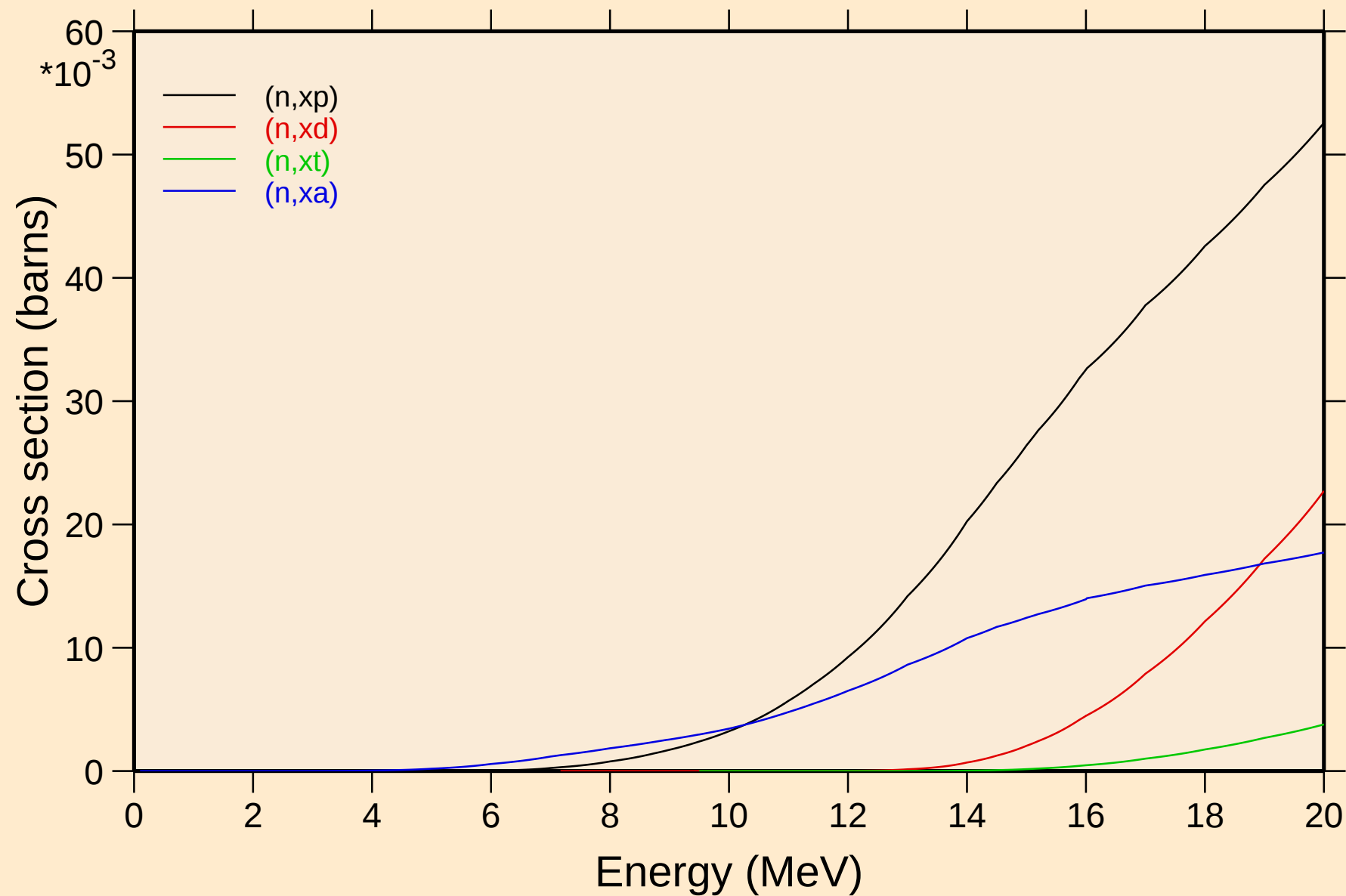
JEFF-3.1 ZR-92

Threshold reactions

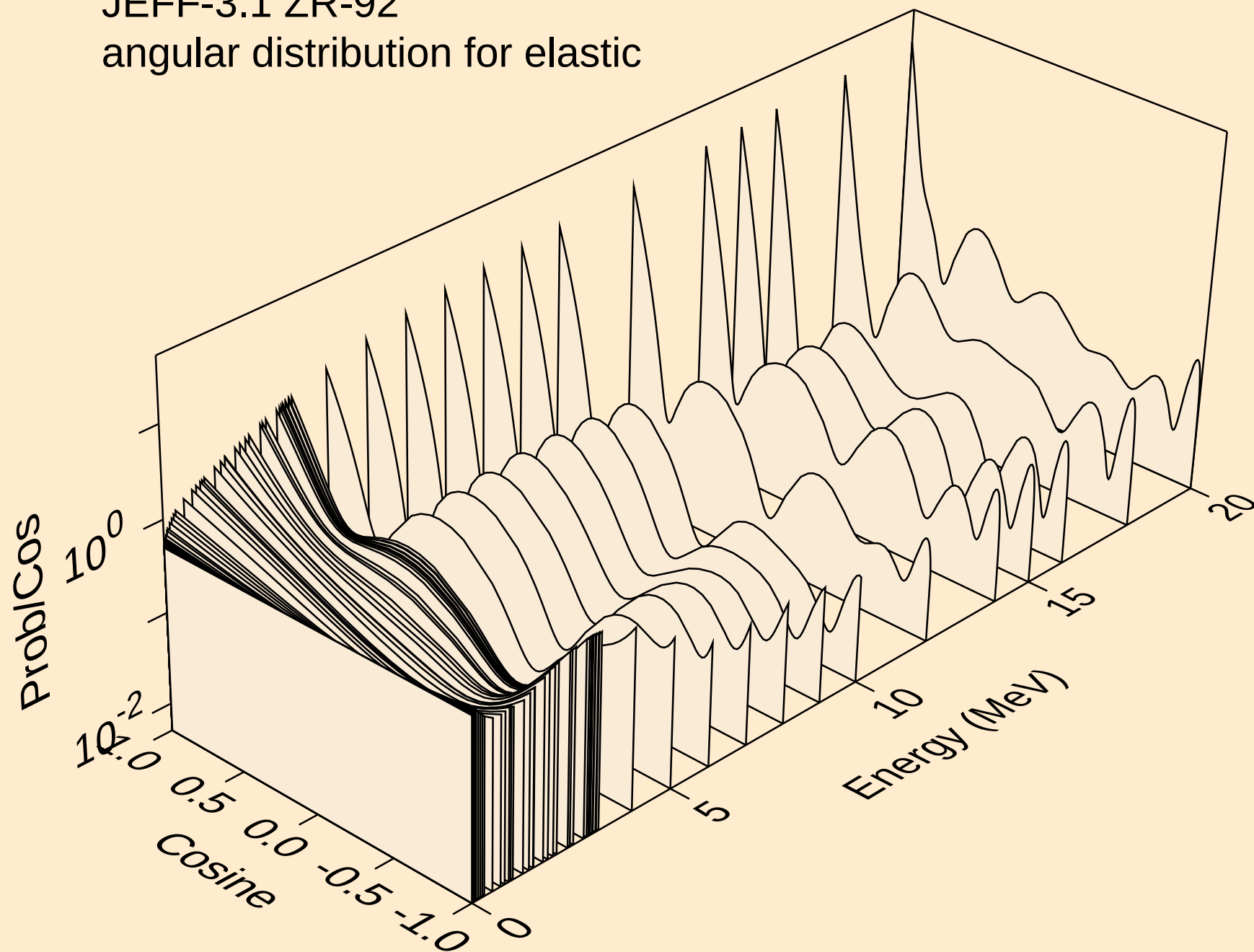


JEFF-3.1 ZR-92

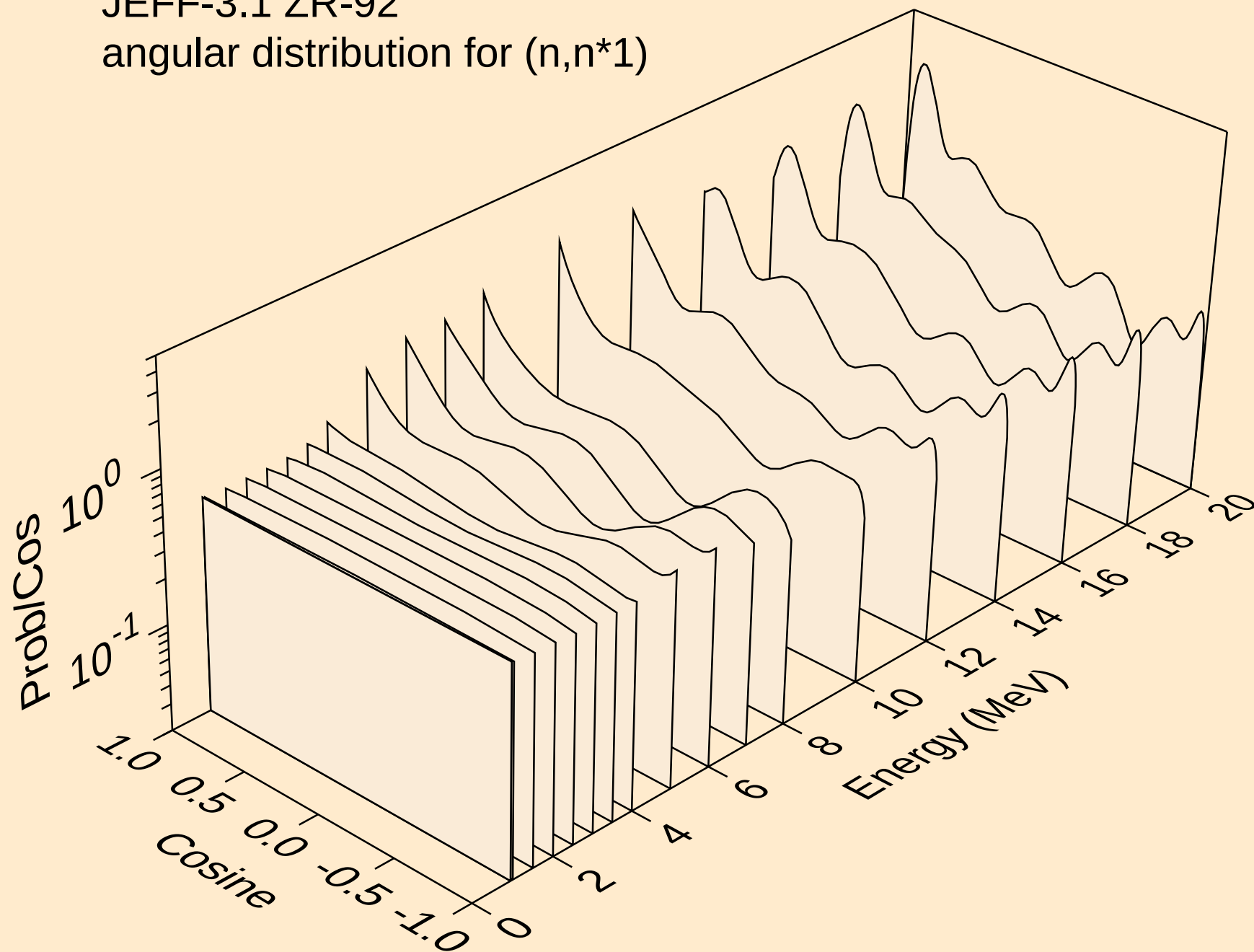
Threshold reactions



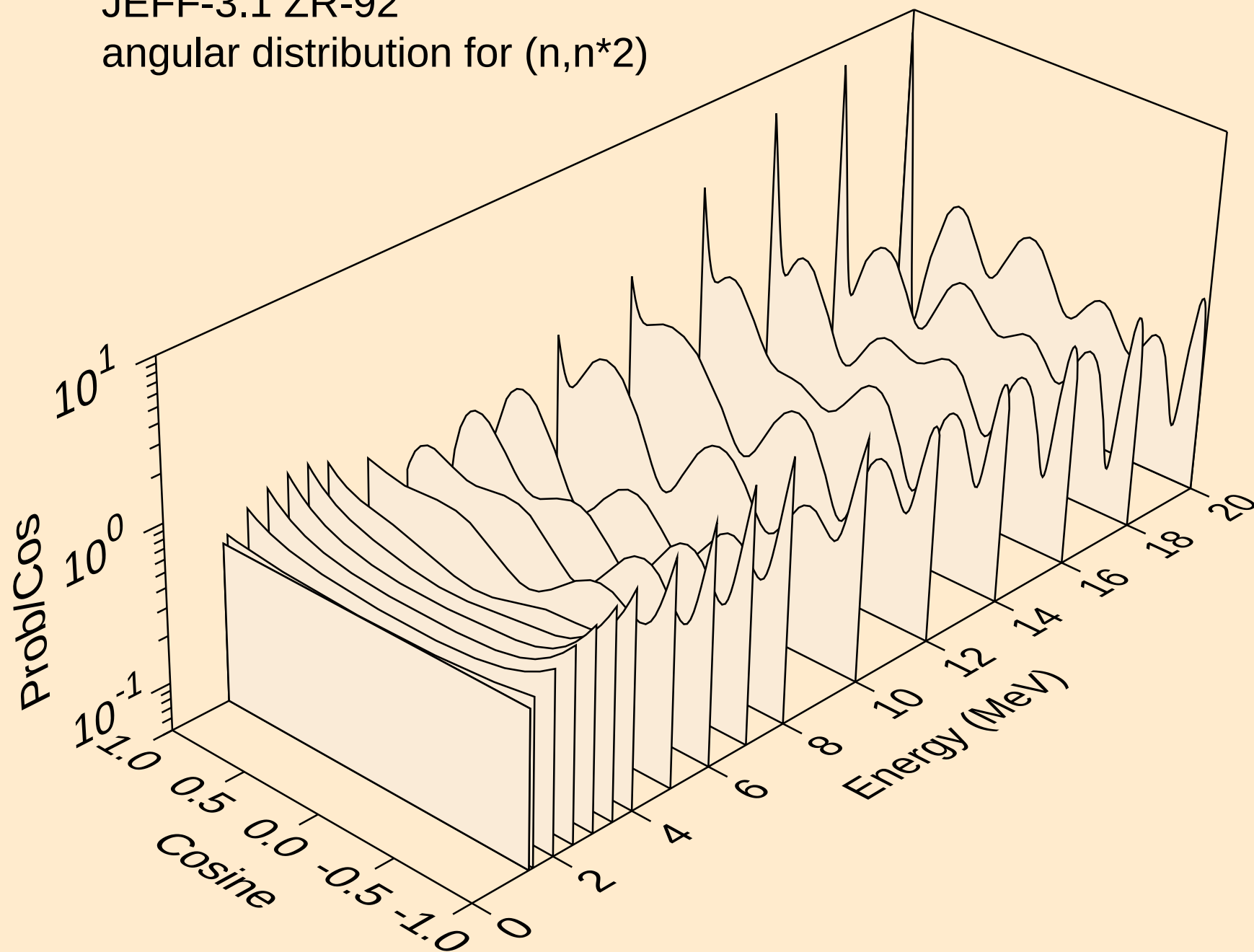
JEFF-3.1 ZR-92
angular distribution for elastic



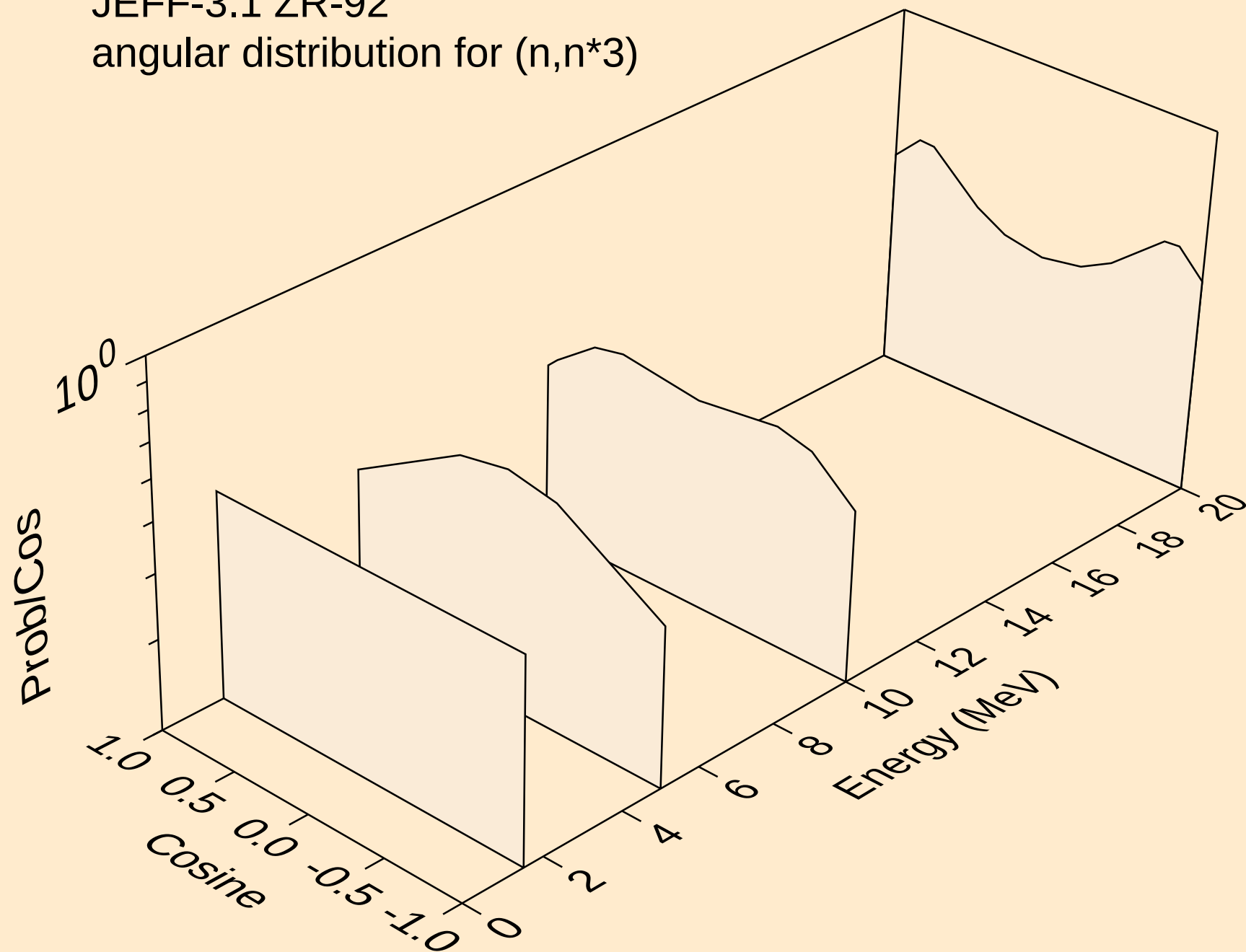
JEFF-3.1 ZR-92
angular distribution for (n,n*1)



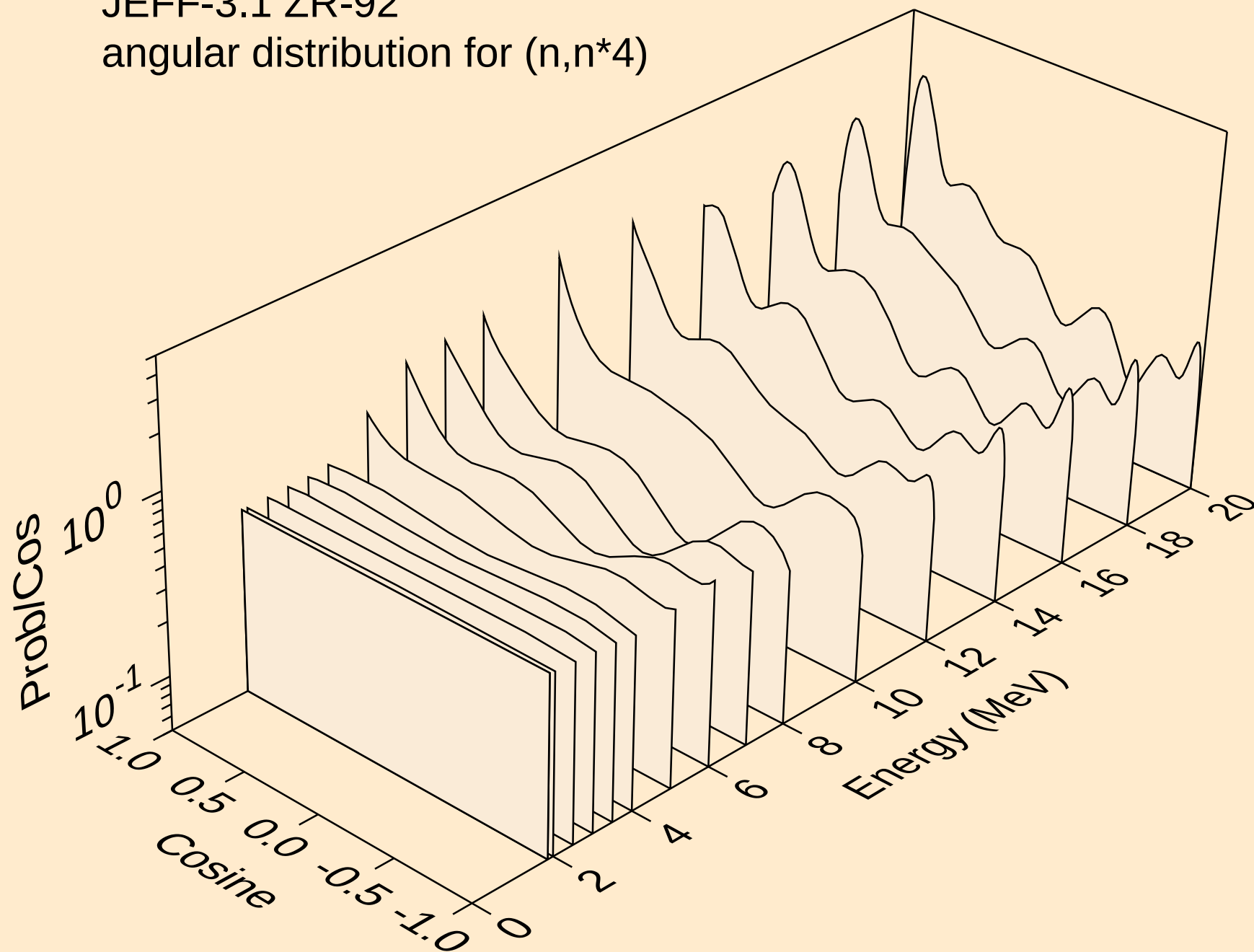
JEFF-3.1 ZR-92
angular distribution for (n,n*)



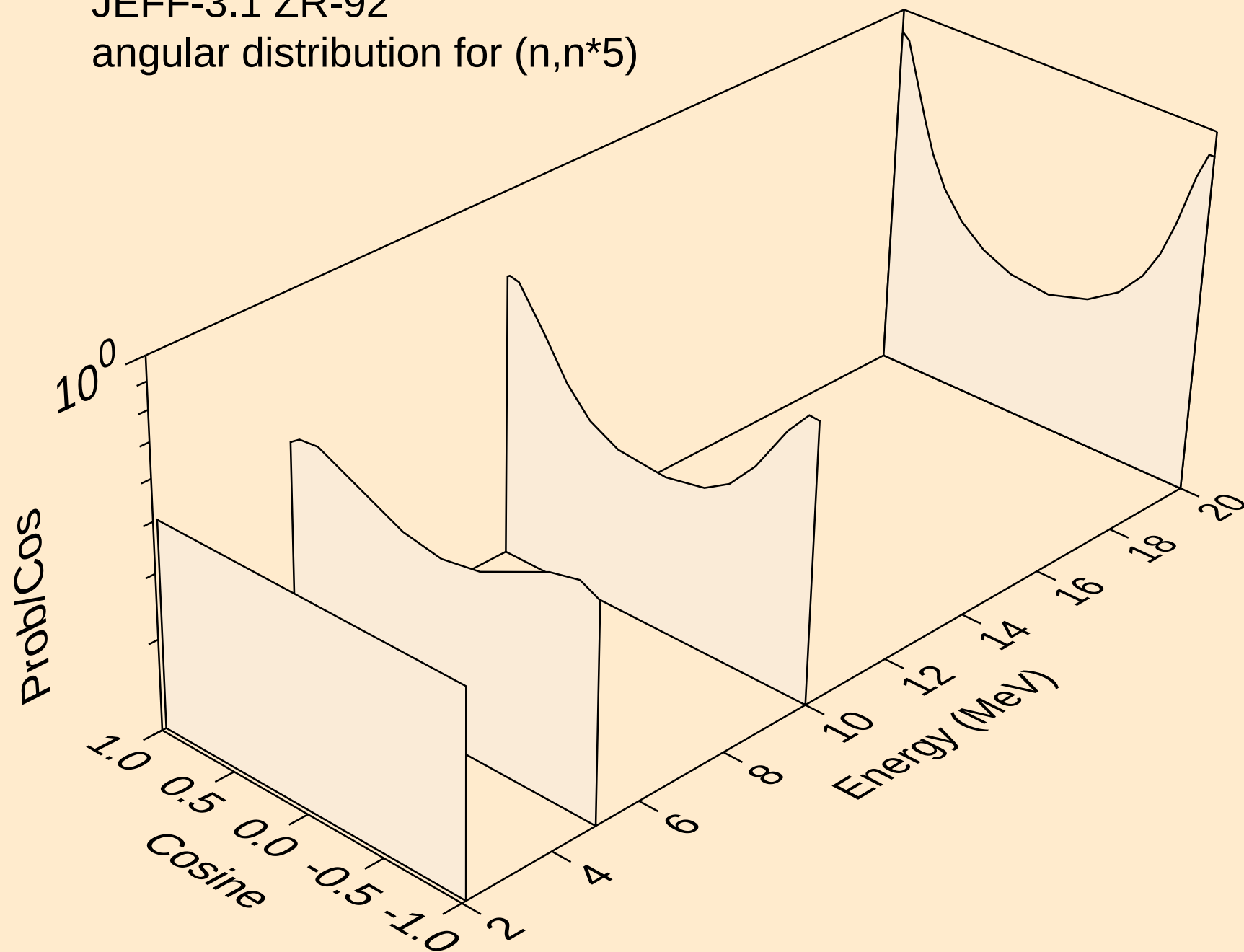
JEFF-3.1 ZR-92
angular distribution for (n,n*3)



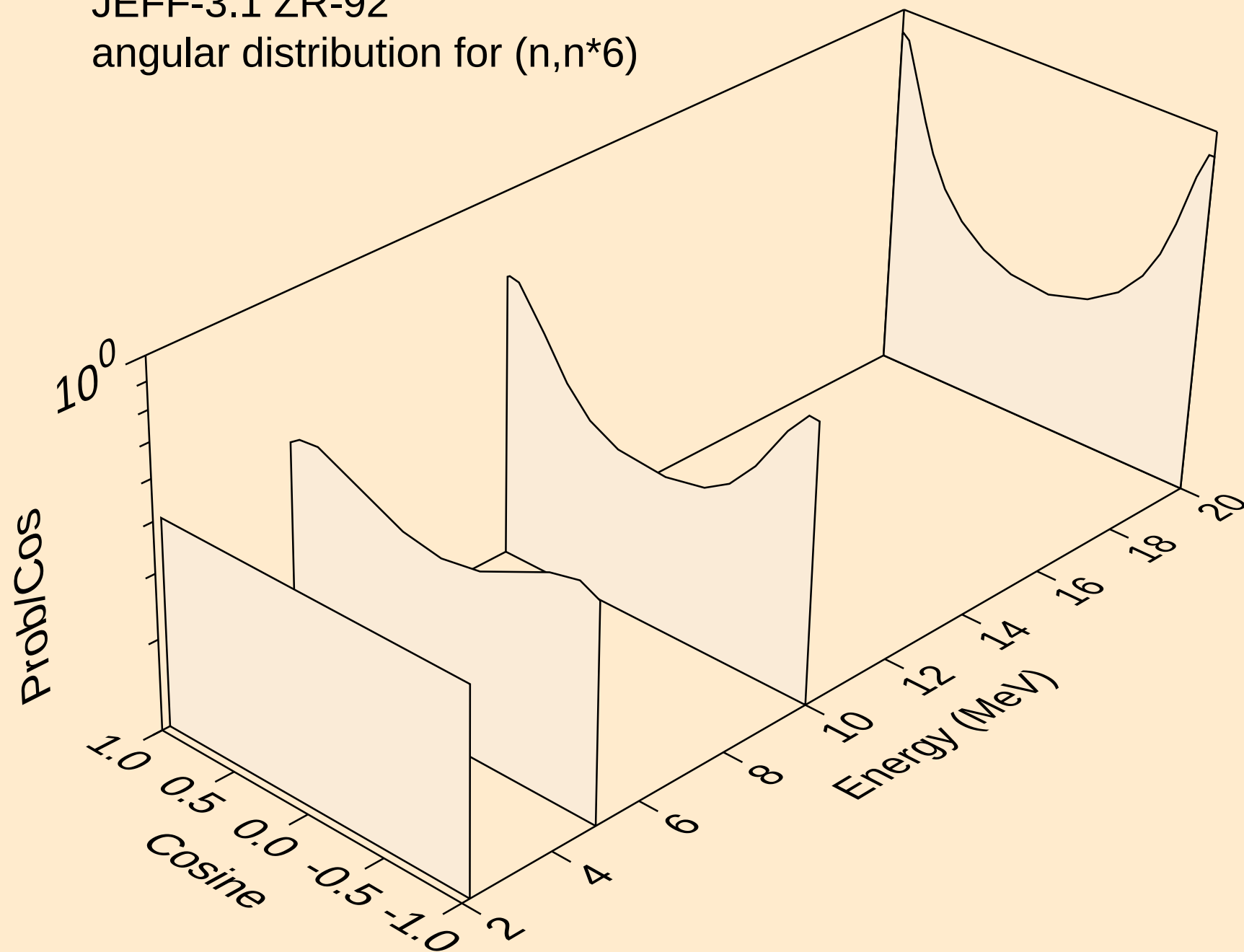
JEFF-3.1 ZR-92
angular distribution for (n,n*4)



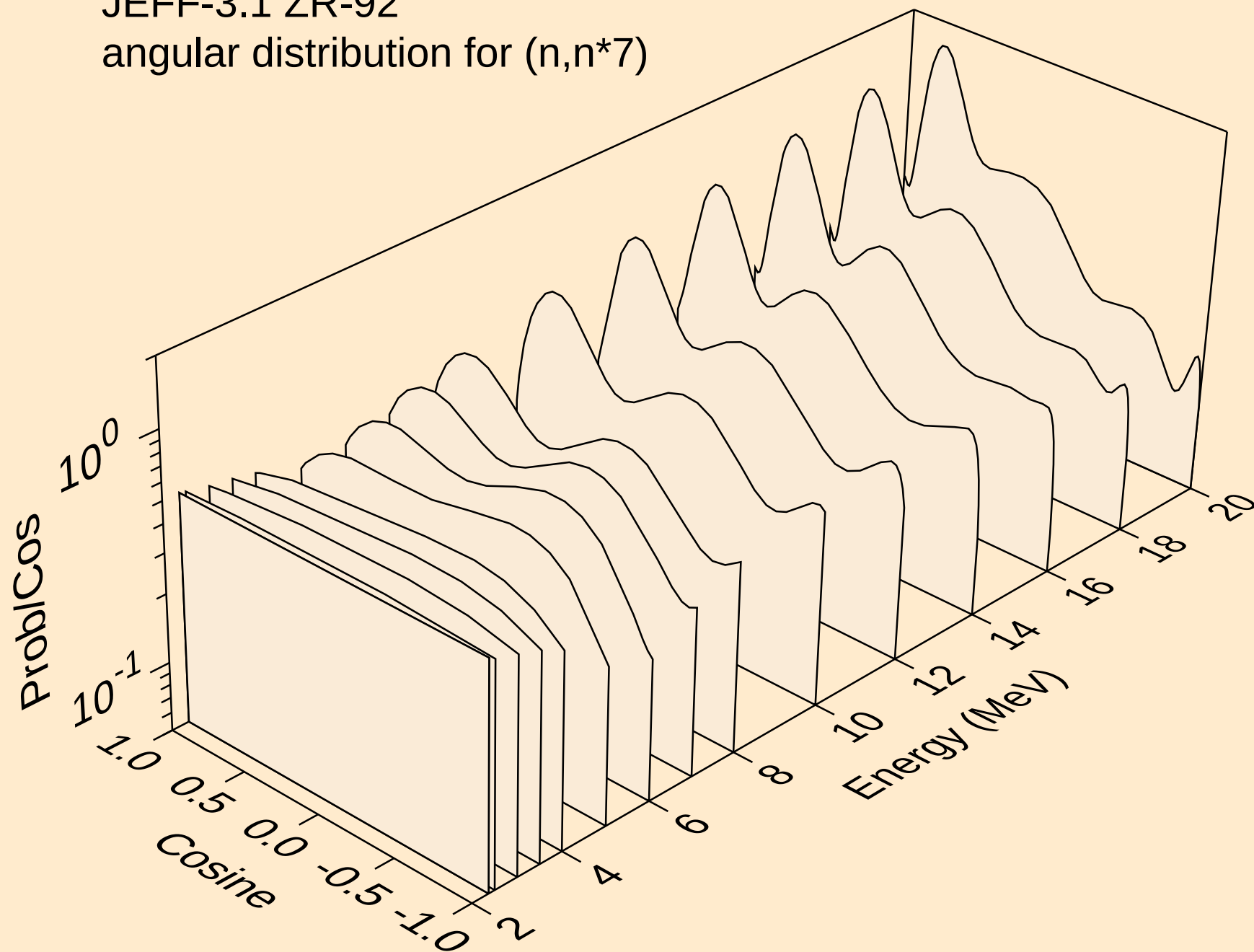
JEFF-3.1 ZR-92
angular distribution for (n,n*5)



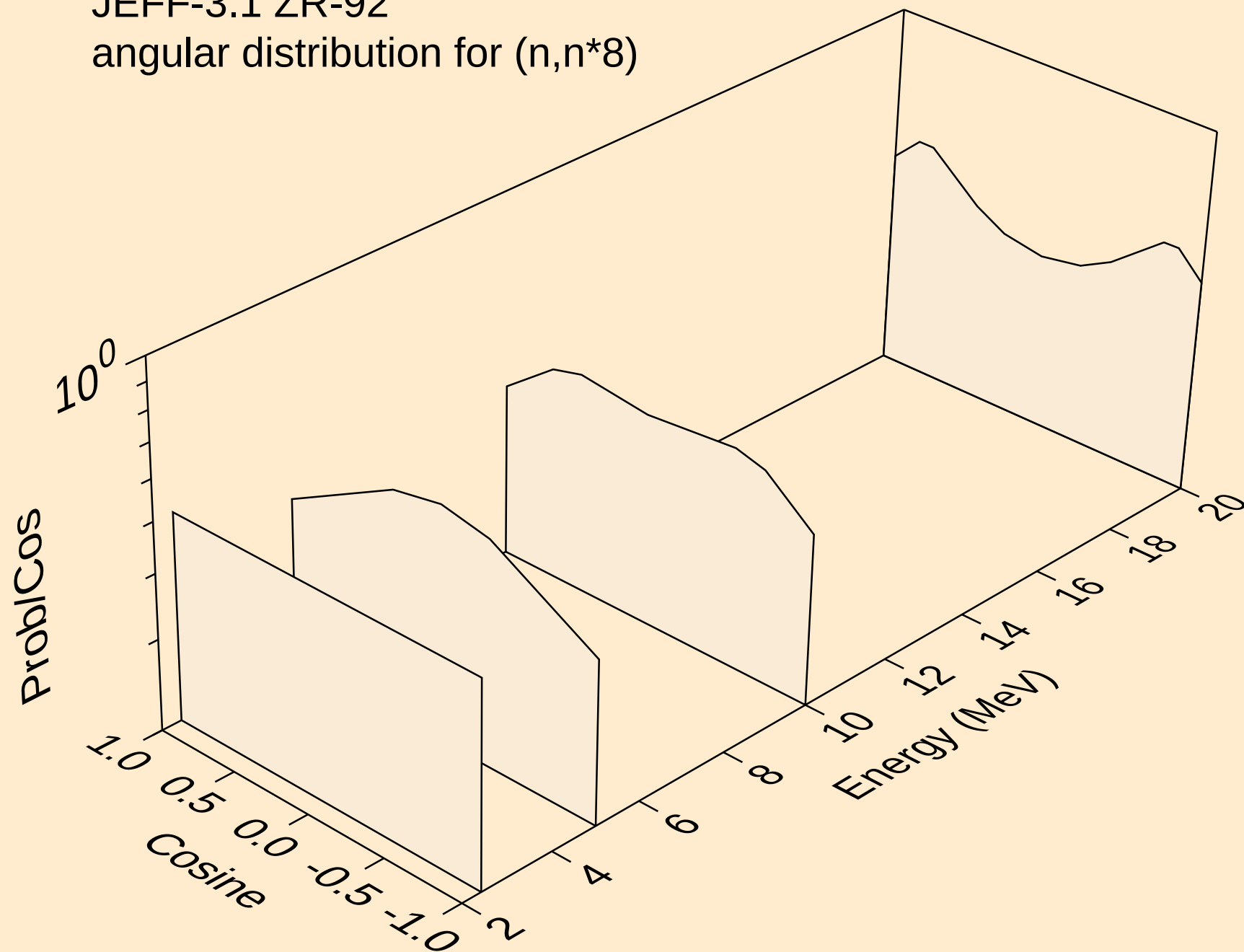
JEFF-3.1 ZR-92
angular distribution for (n,n*6)



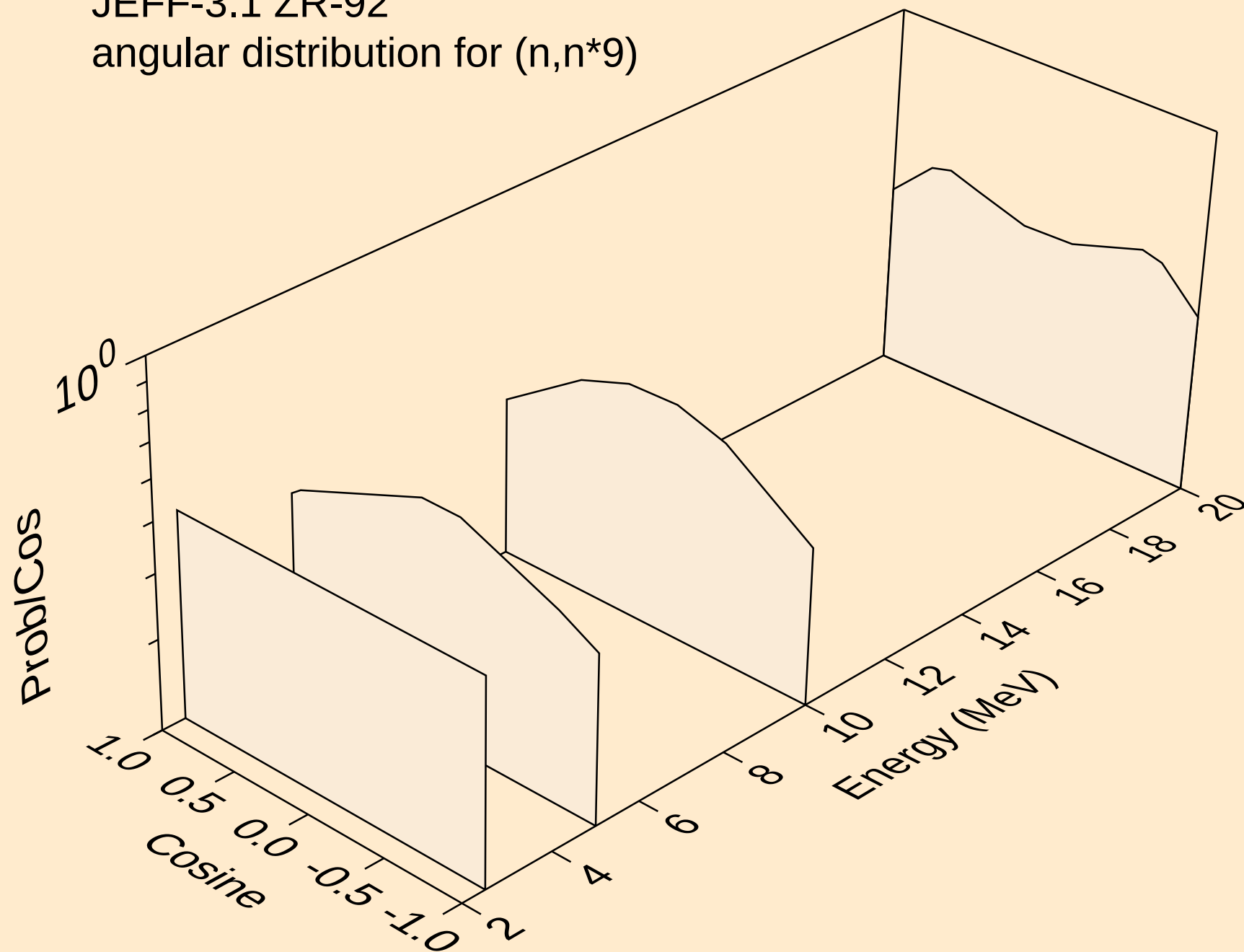
JEFF-3.1 ZR-92
angular distribution for (n,n*7)



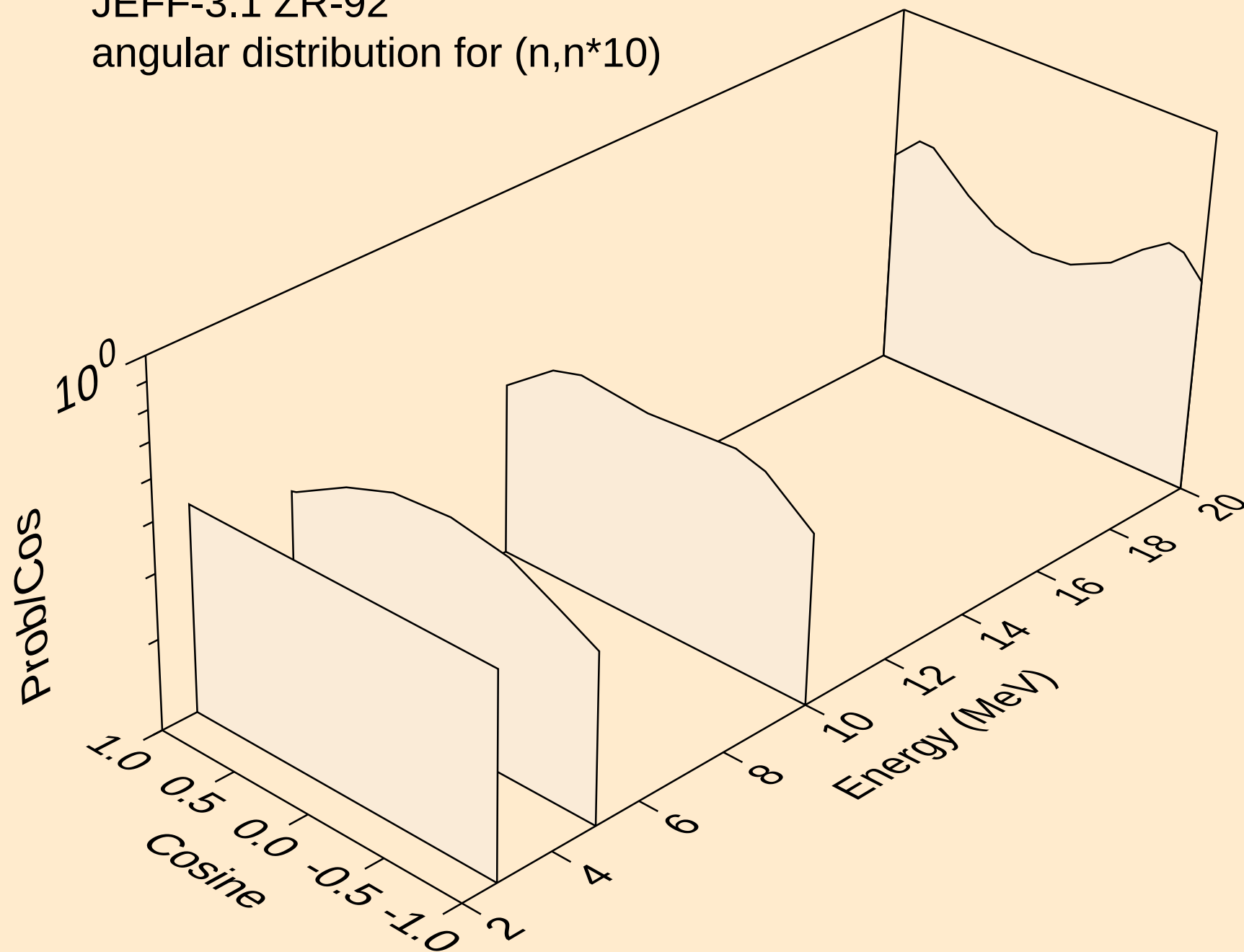
JEFF-3.1 ZR-92
angular distribution for (n,n*8)



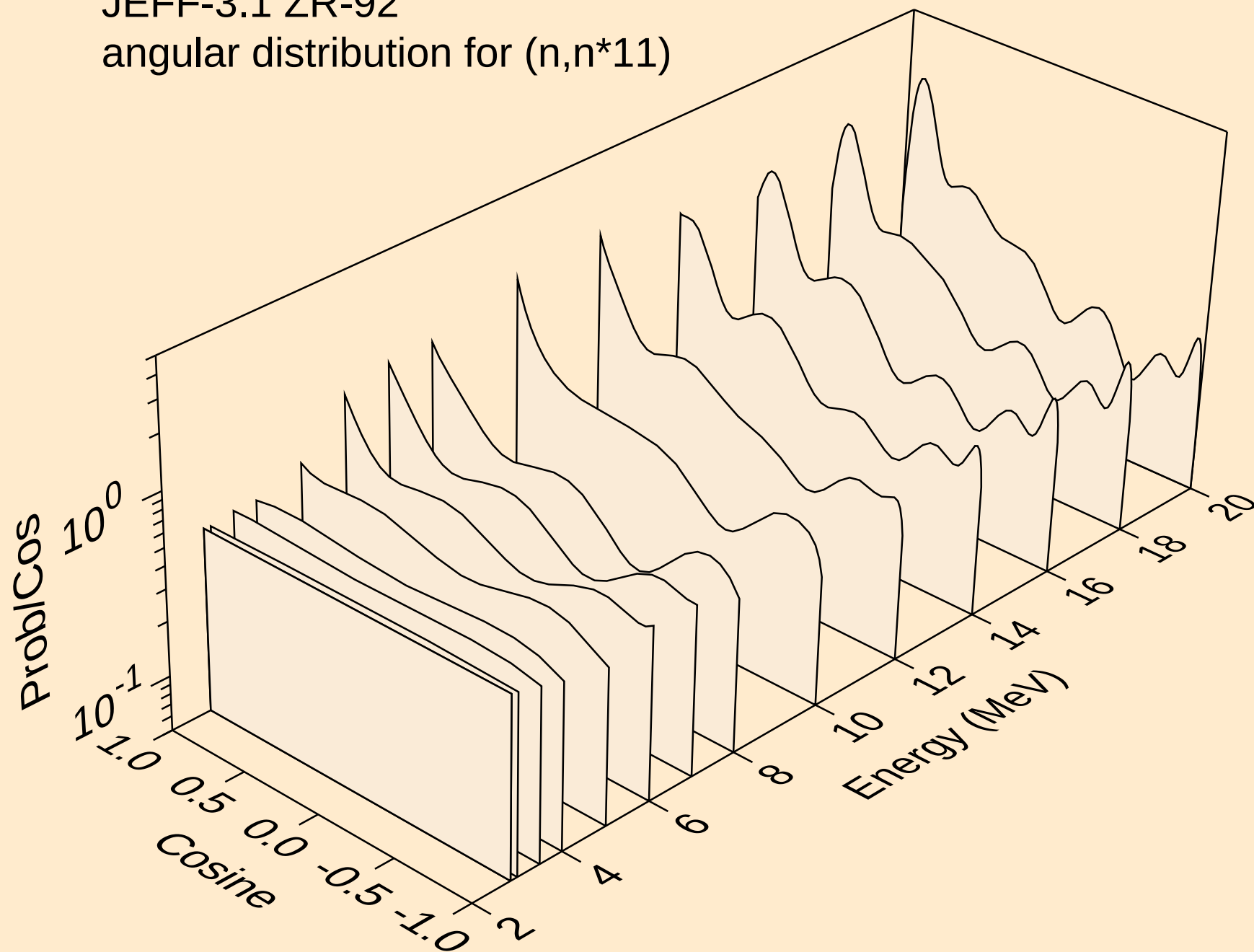
JEFF-3.1 ZR-92
angular distribution for (n,n*9)



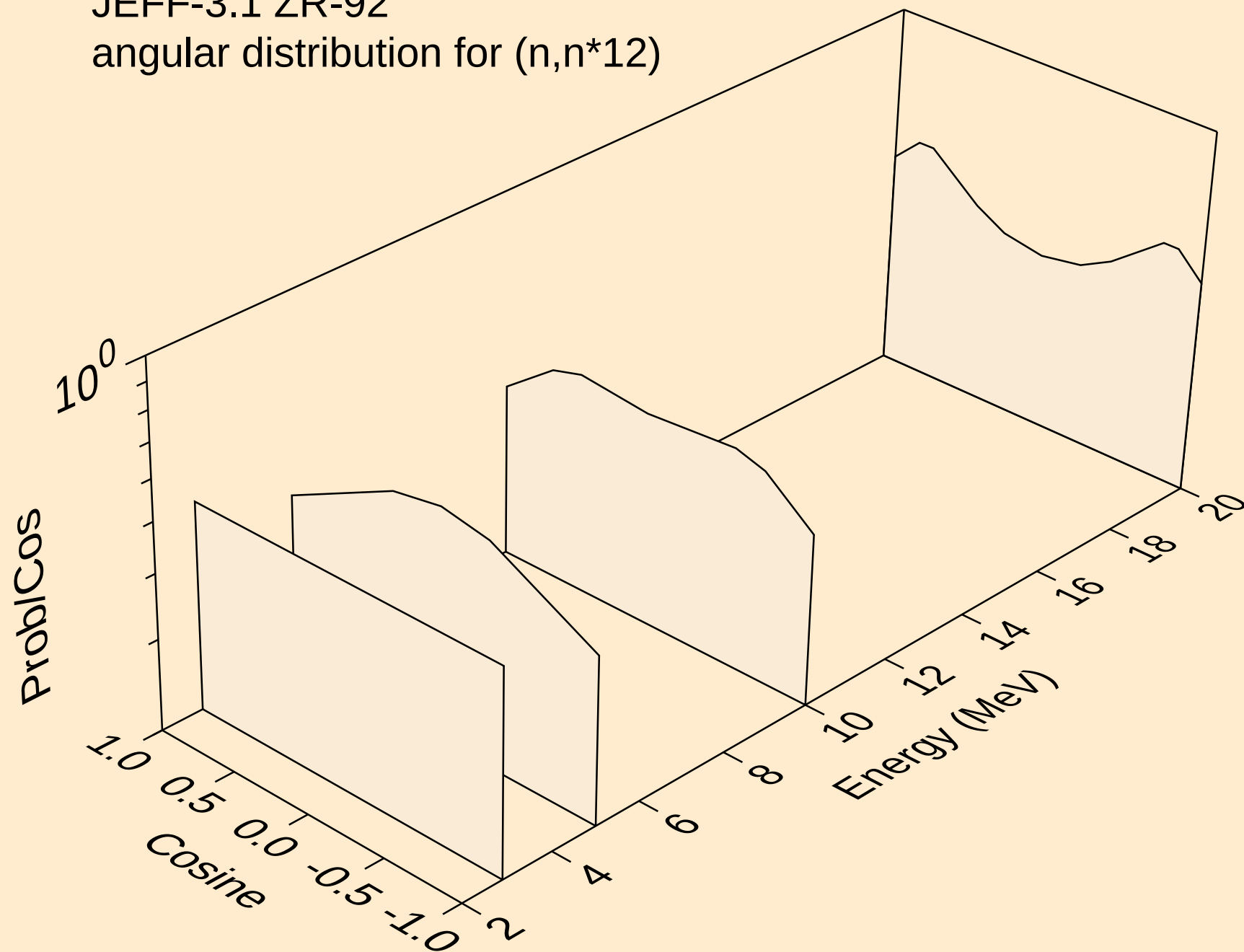
JEFF-3.1 ZR-92
angular distribution for (n,n*10)



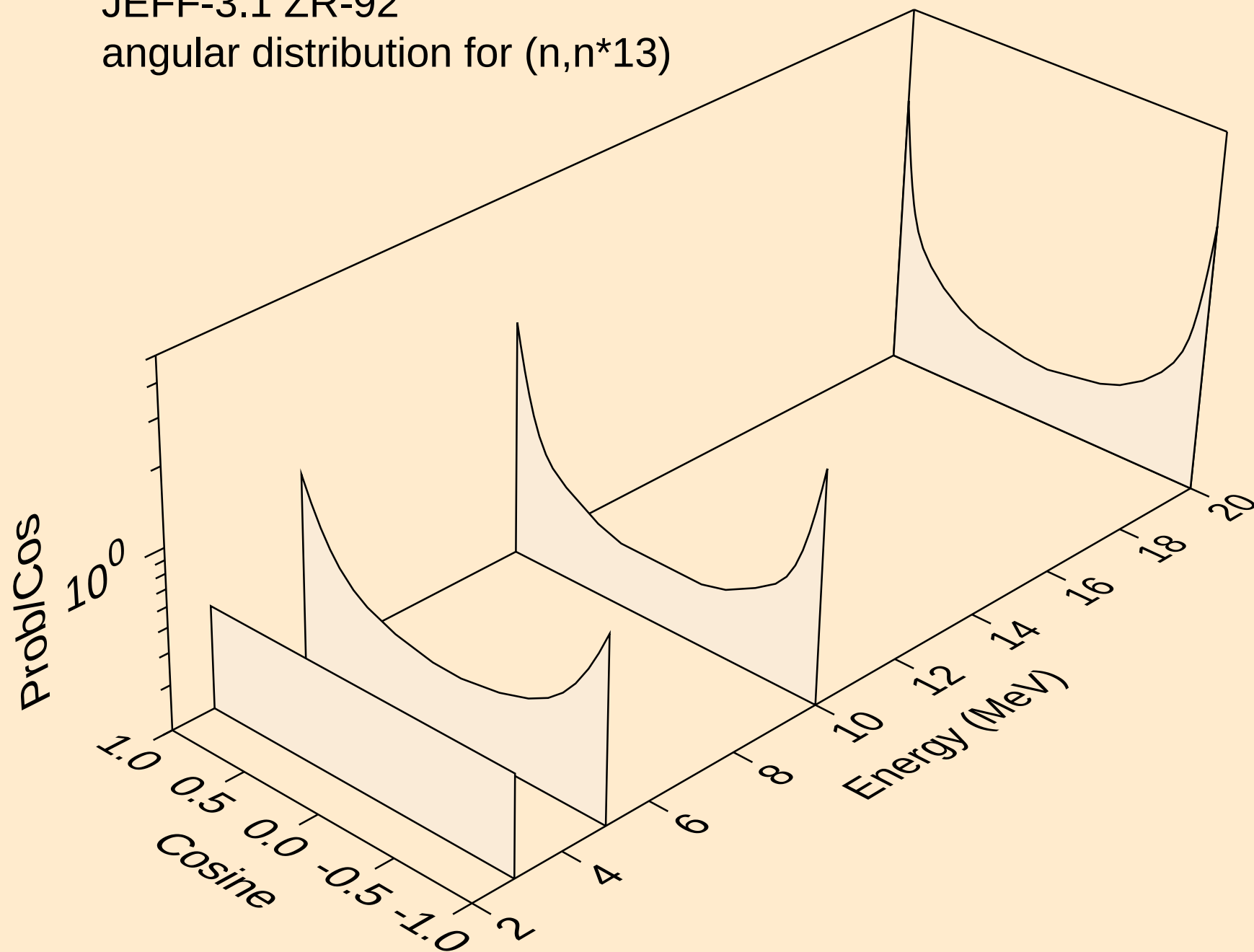
JEFF-3.1 ZR-92
angular distribution for (n,n*11)



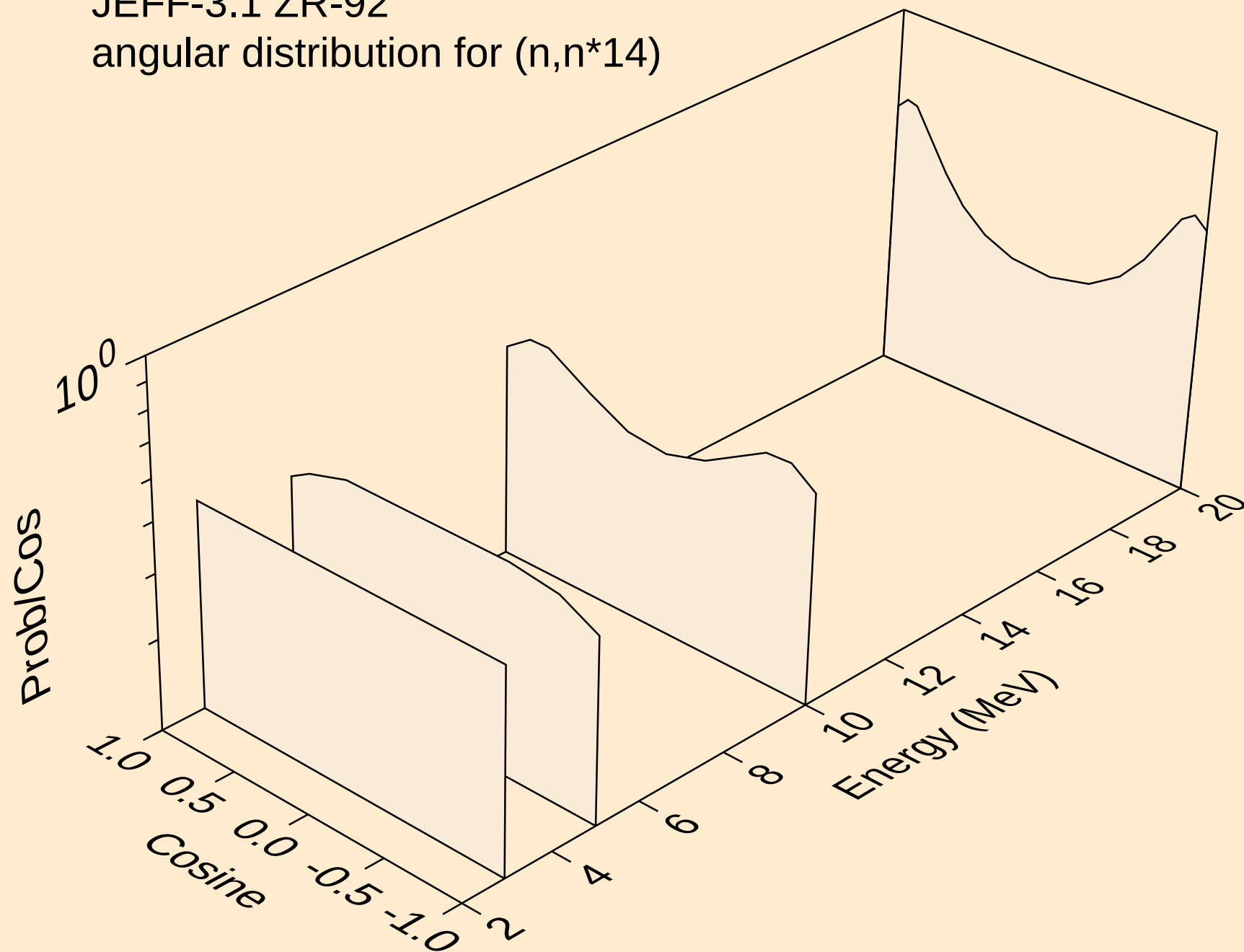
JEFF-3.1 ZR-92
angular distribution for (n,n*12)



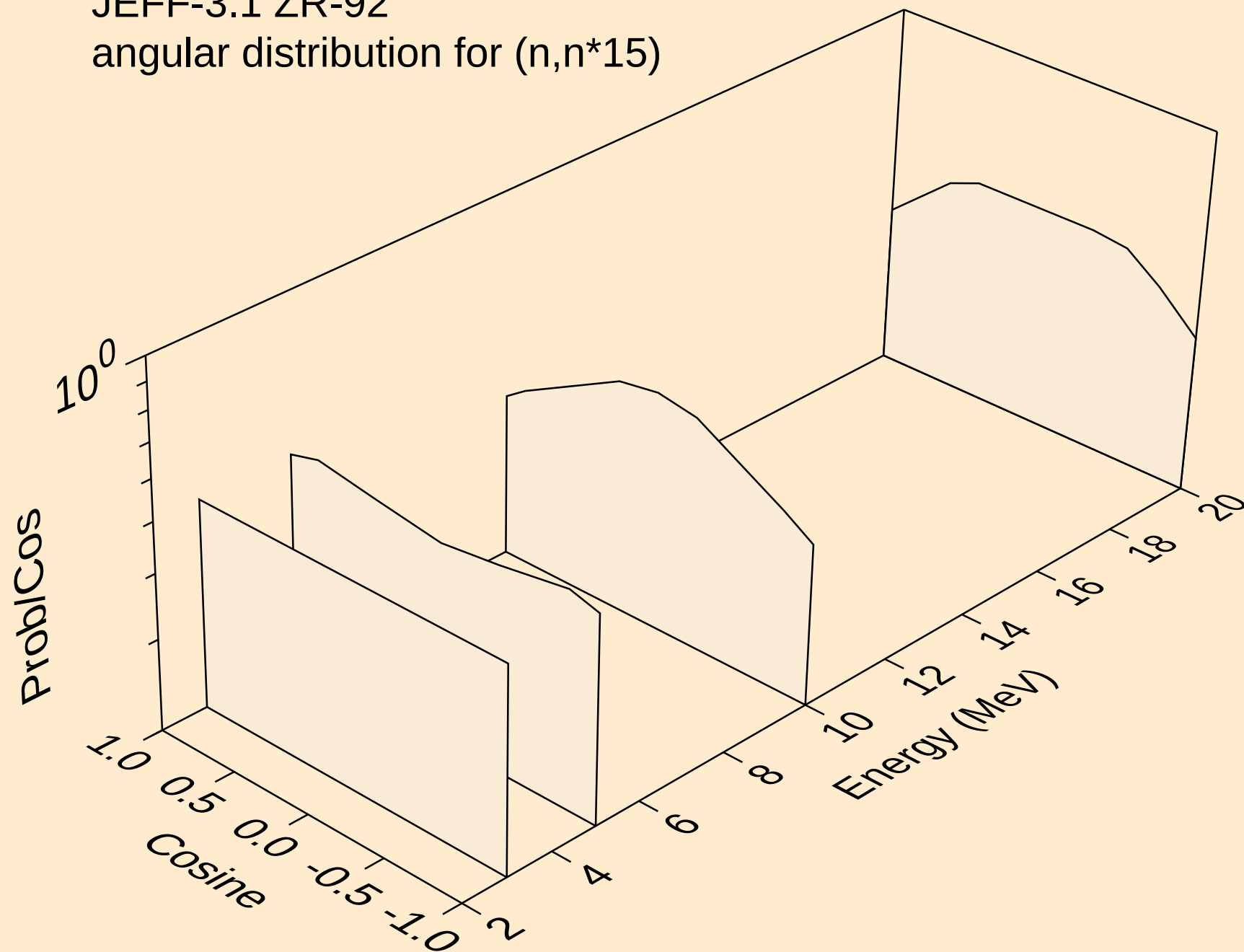
JEFF-3.1 ZR-92
angular distribution for (n,n*13)



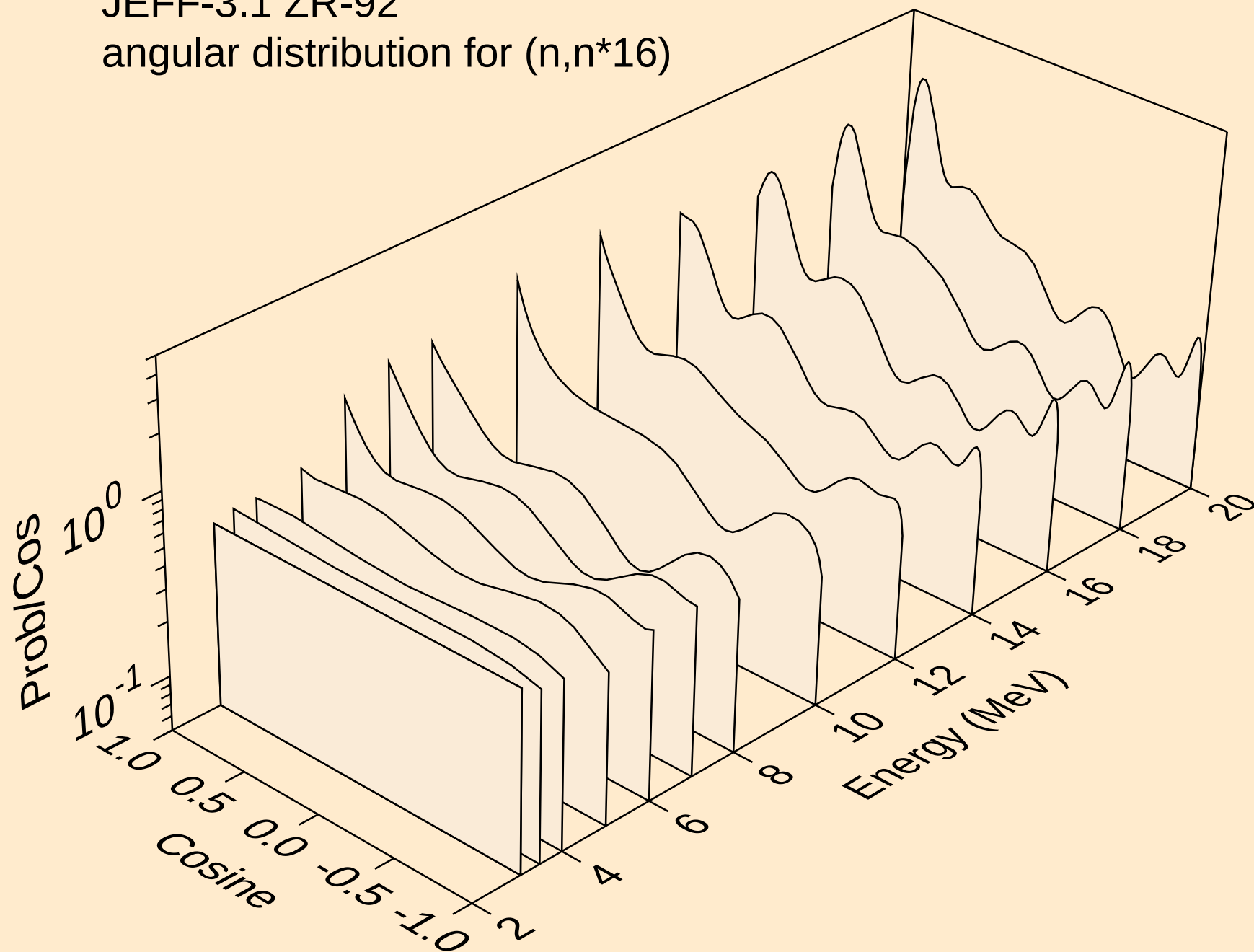
JEFF-3.1 ZR-92
angular distribution for (n,n*14)



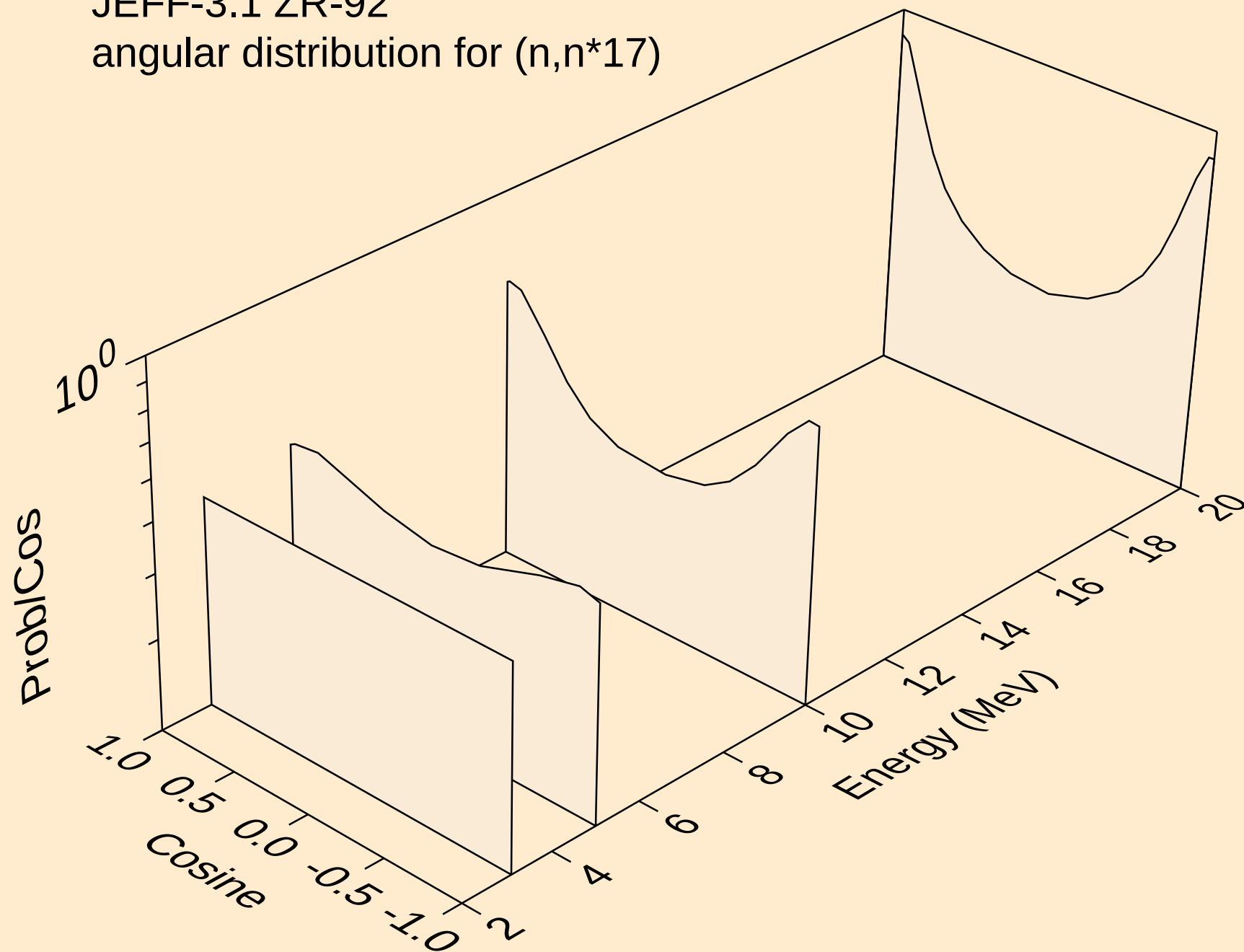
JEFF-3.1 ZR-92
angular distribution for (n,n*15)



JEFF-3.1 ZR-92
angular distribution for (n,n*16)

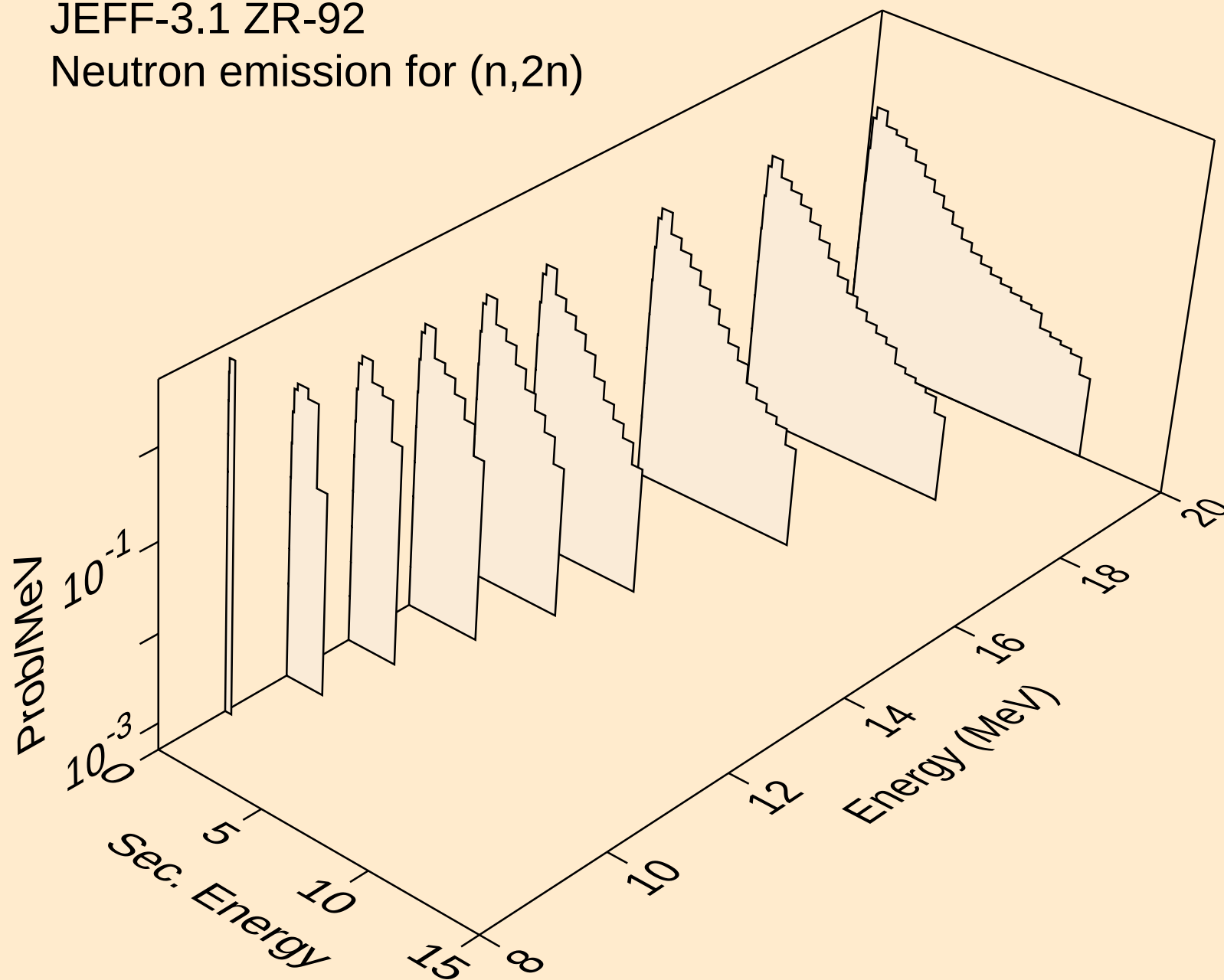


JEFF-3.1 ZR-92
angular distribution for (n,n*17)

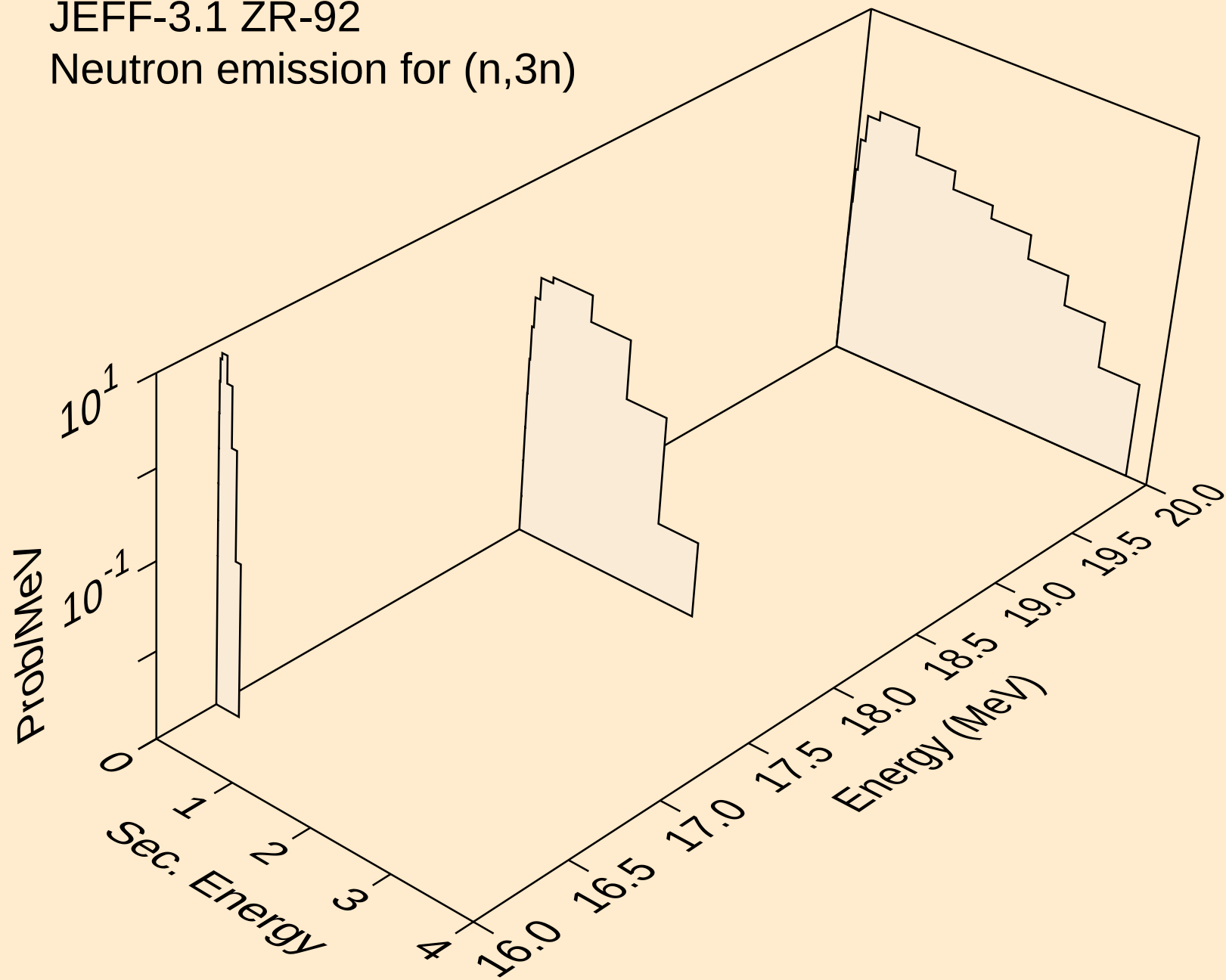


JEFF-3.1 ZR-92

Neutron emission for (n,2n)

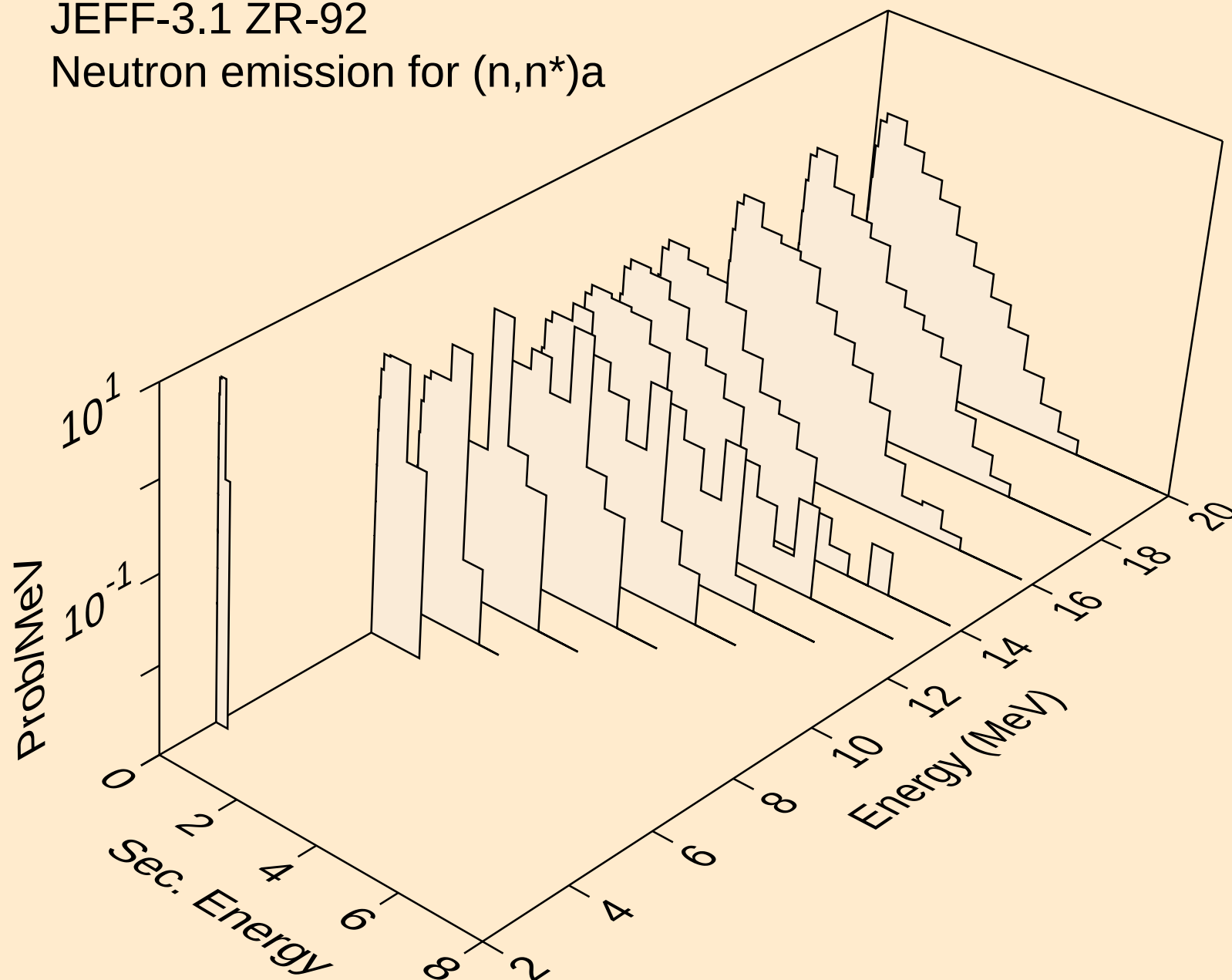


JEFF-3.1 ZR-92
Neutron emission for (n,3n)



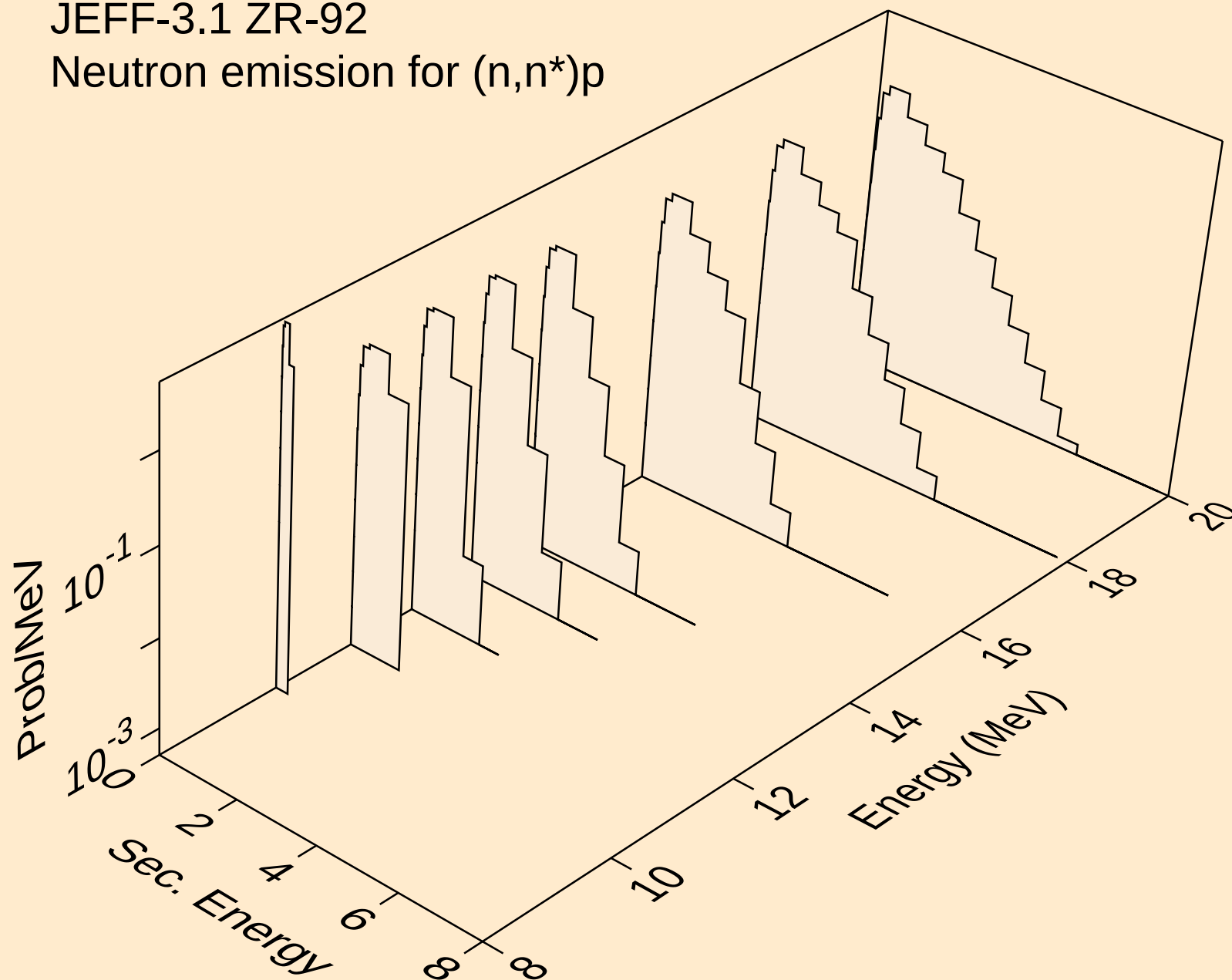
JEFF-3.1 ZR-92

Neutron emission for (n,n*)a



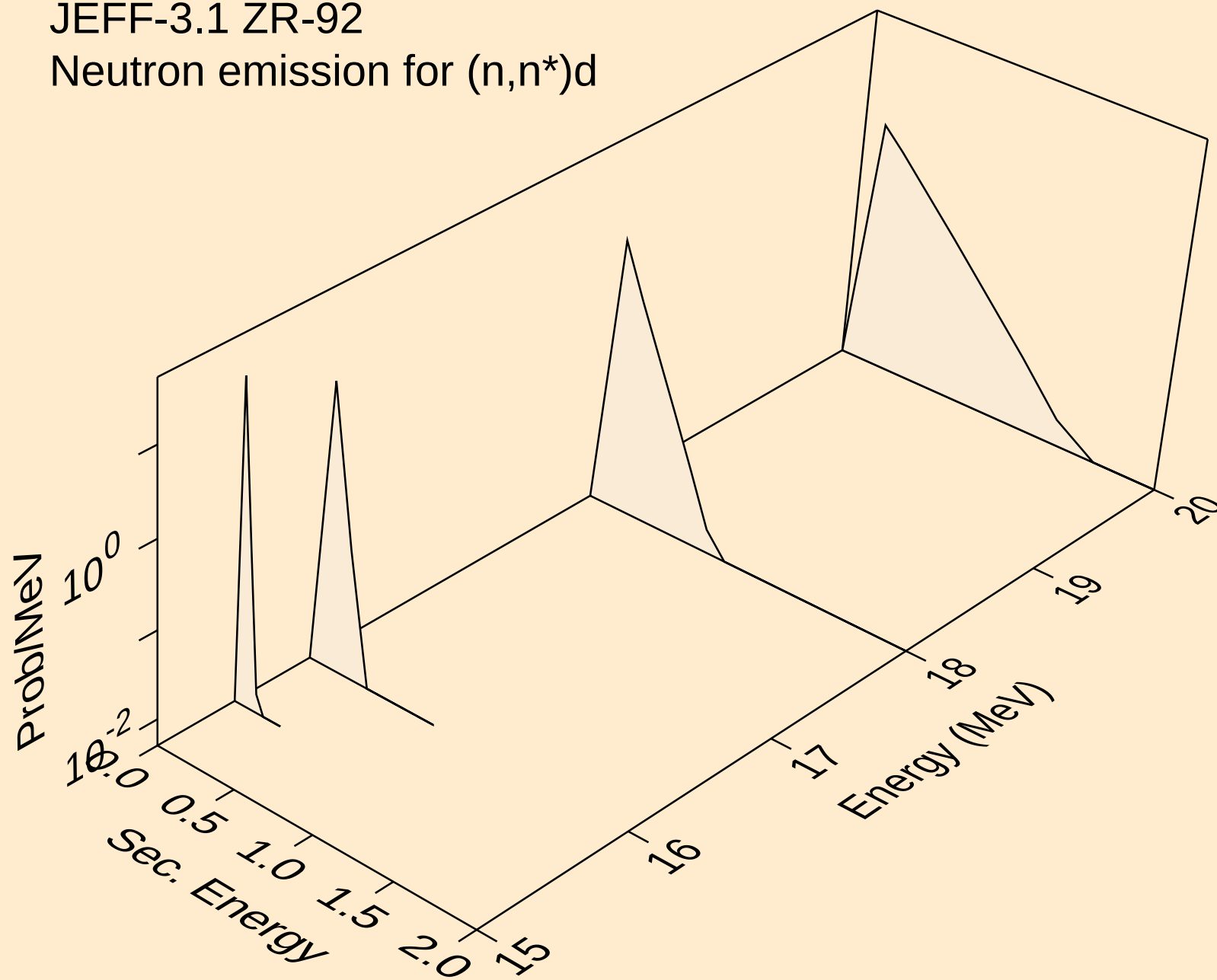
JEFF-3.1 ZR-92

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



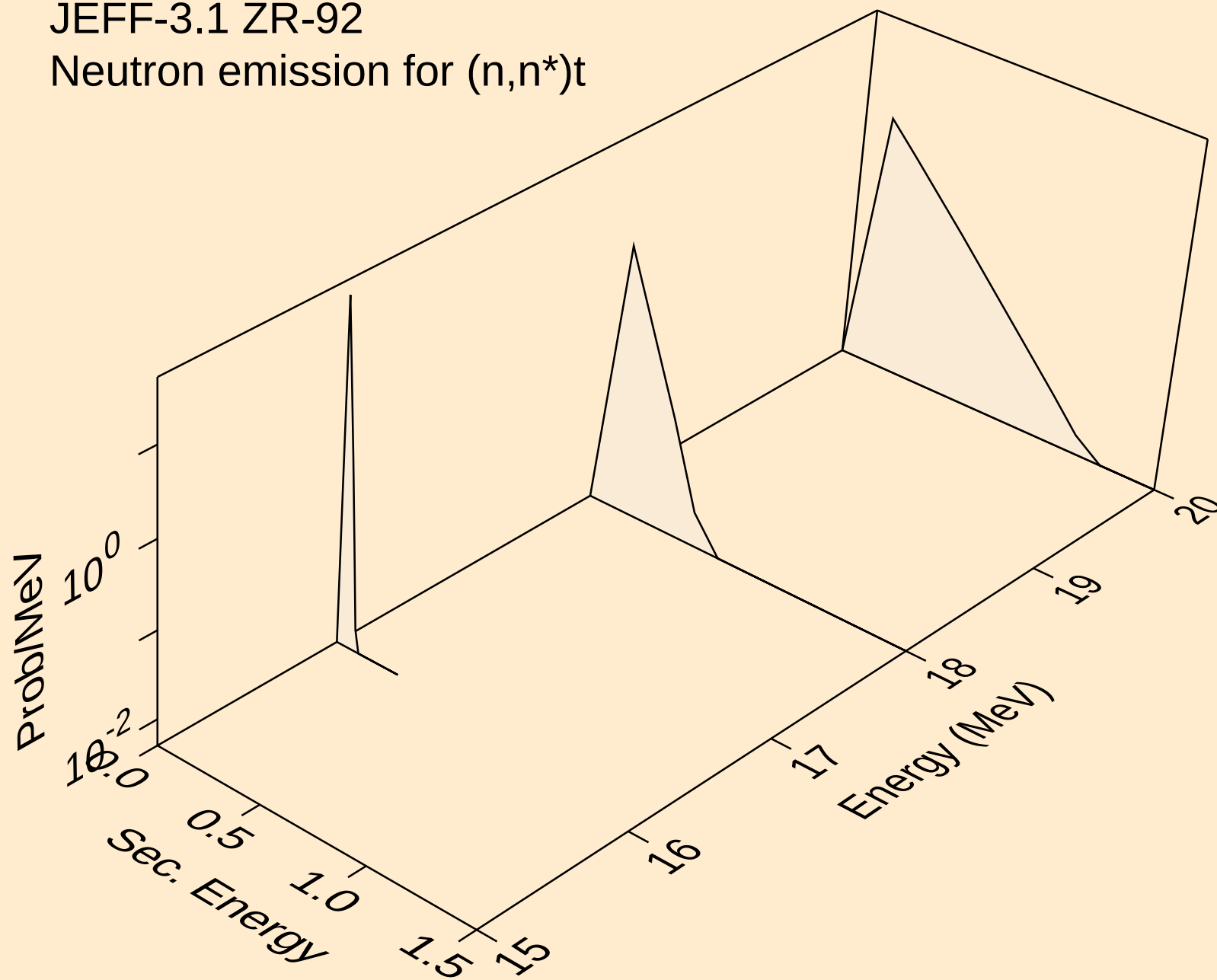
JEFF-3.1 ZR-92

Neutron emission for (n,n*)d

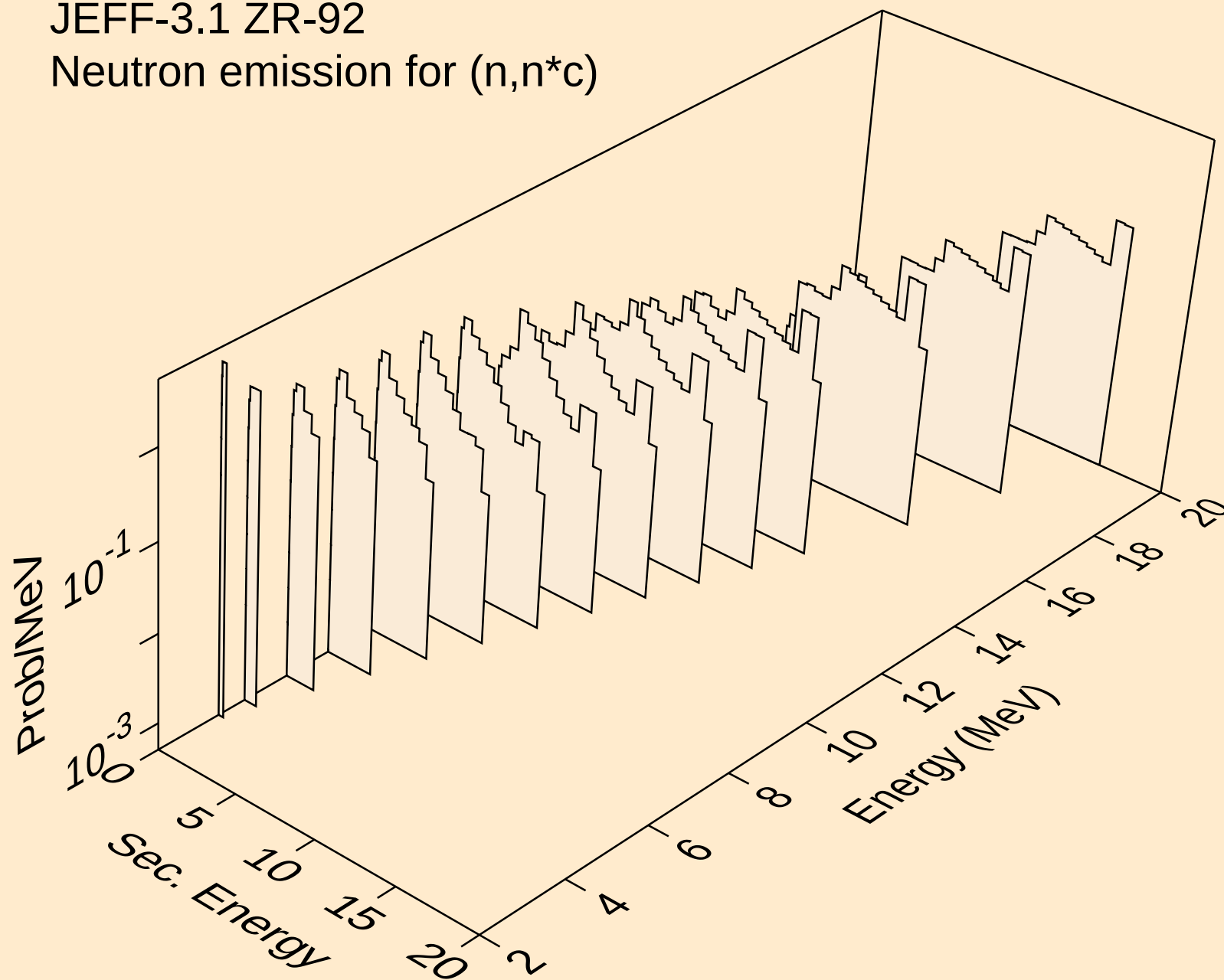


JEFF-3.1 ZR-92

Neutron emission for (n,n*)t

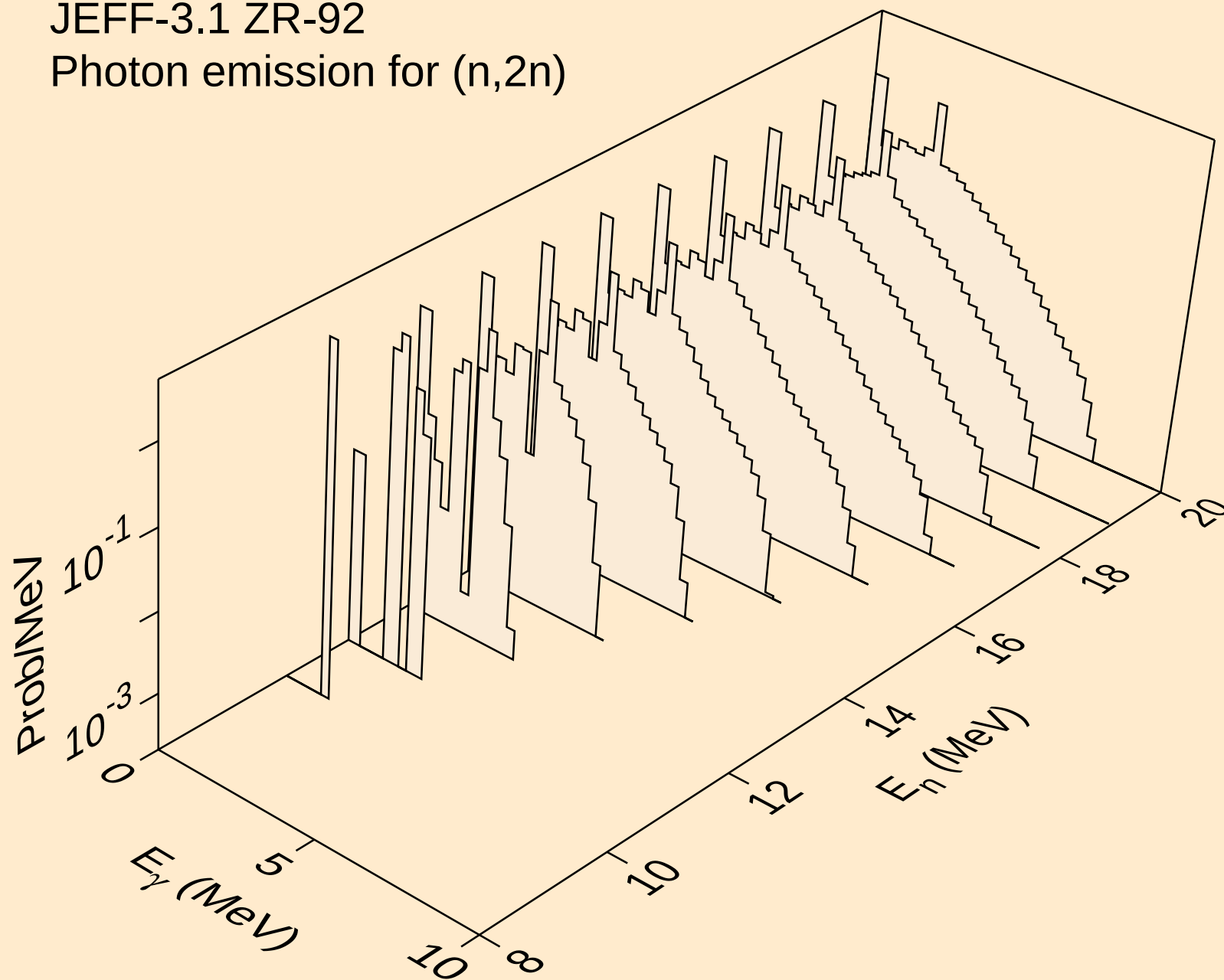


JEFF-3.1 ZR-92
Neutron emission for (n,n*c)



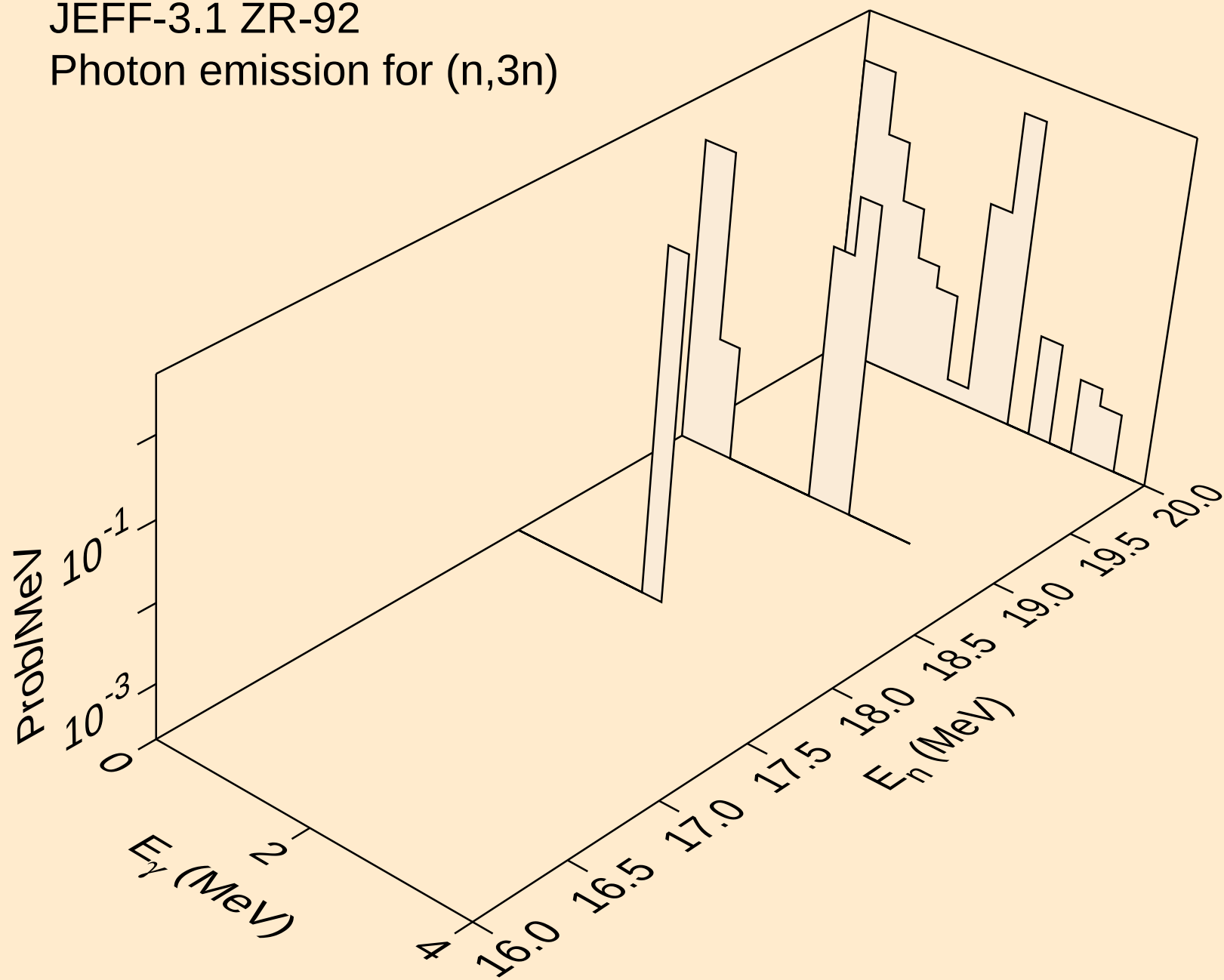
JEFF-3.1 ZR-92

Photon emission for (n,2n)



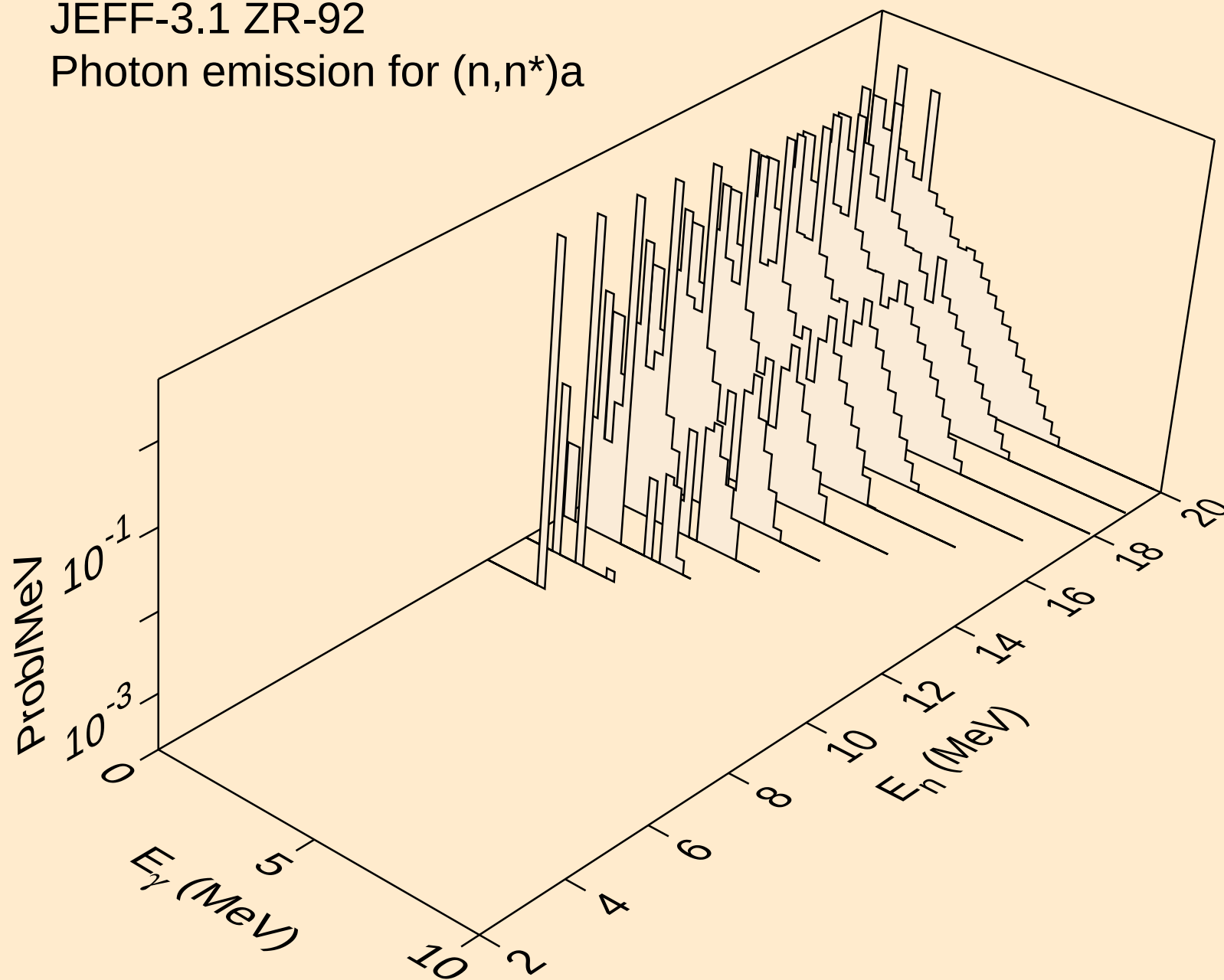
JEFF-3.1 ZR-92

Photon emission for (n,3n)



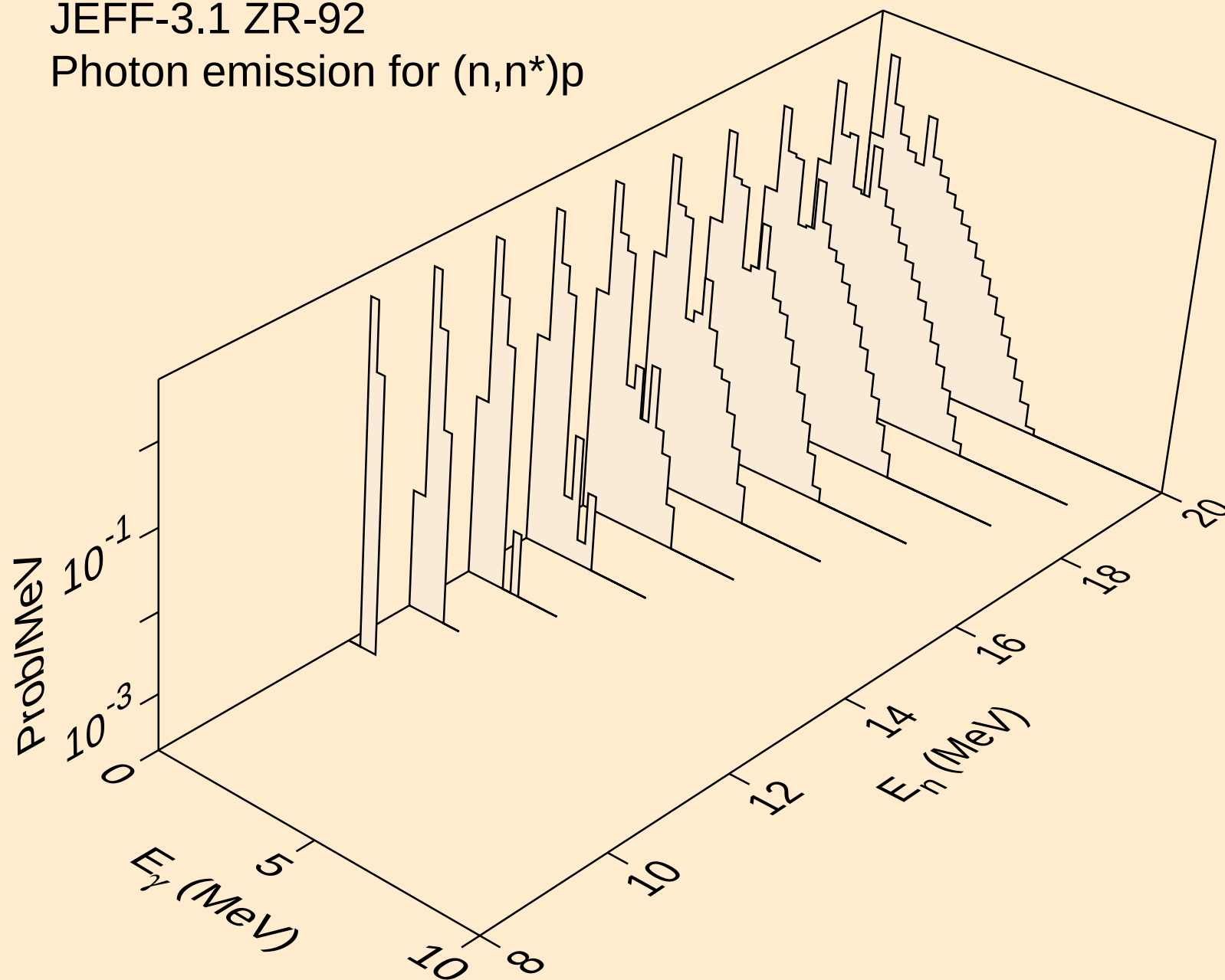
JEFF-3.1 ZR-92

Photon emission for (n,n*)a



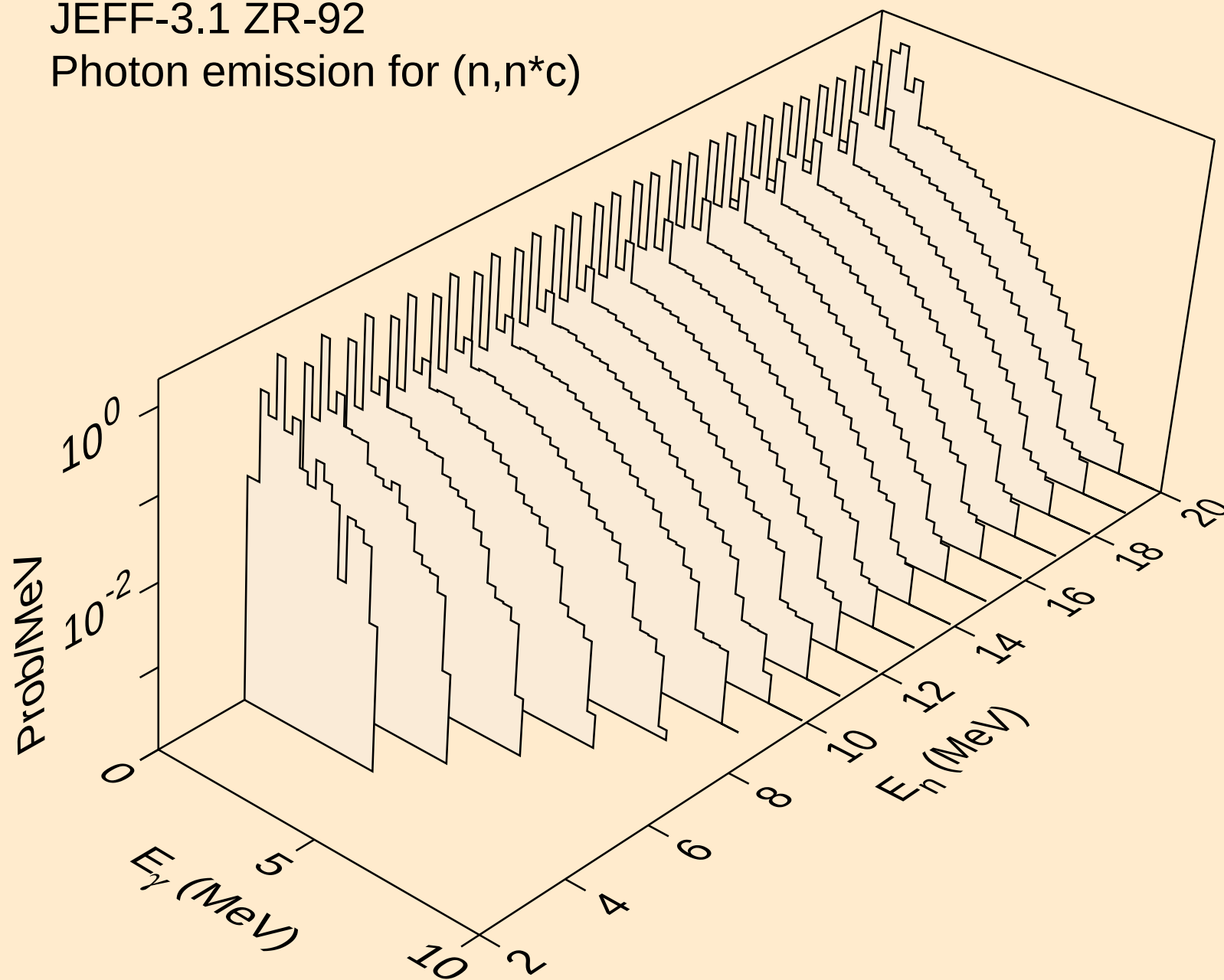
JEFF-3.1 ZR-92

Photon emission for (n,n*)p



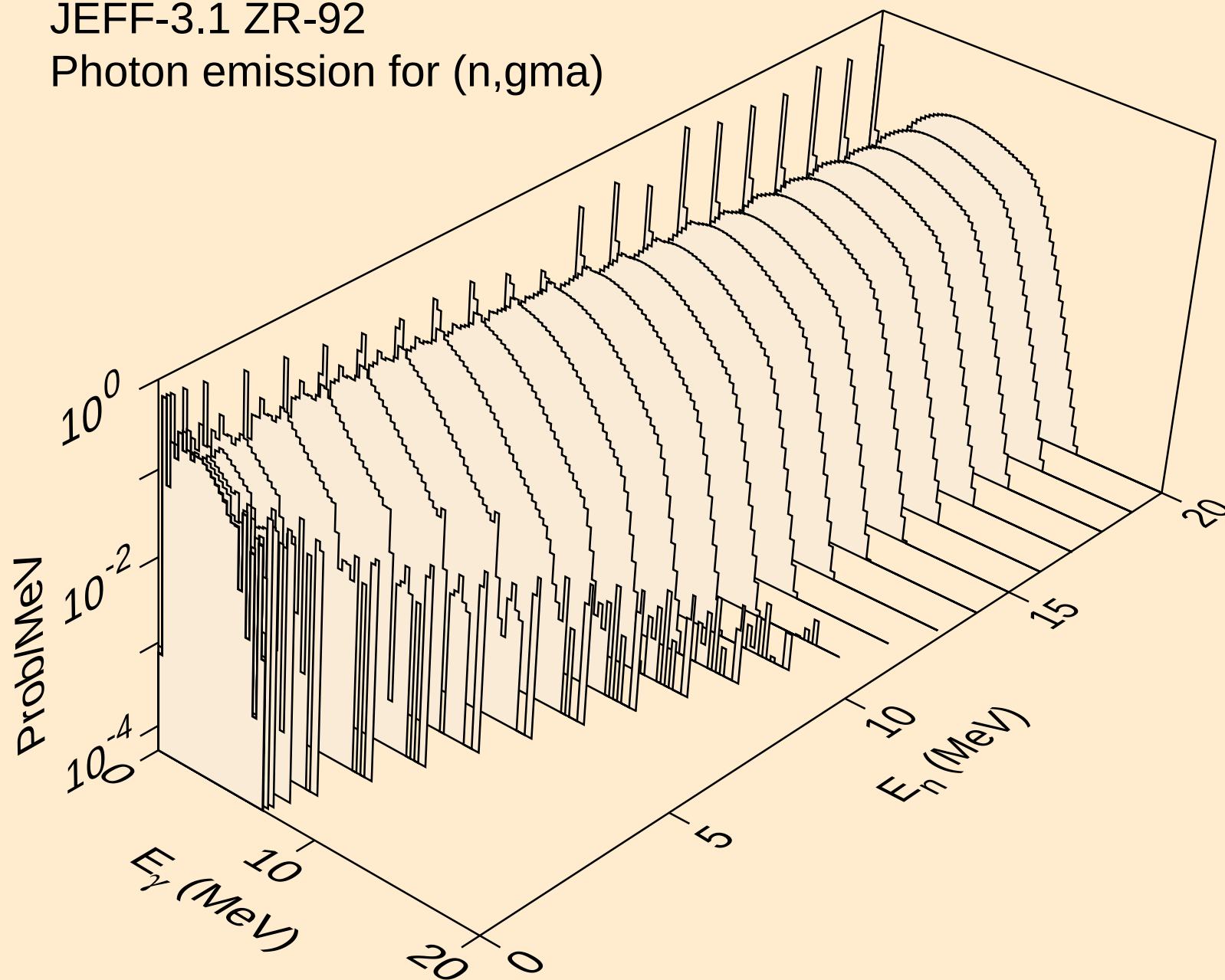
JEFF-3.1 ZR-92

Photon emission for (n,n*c)



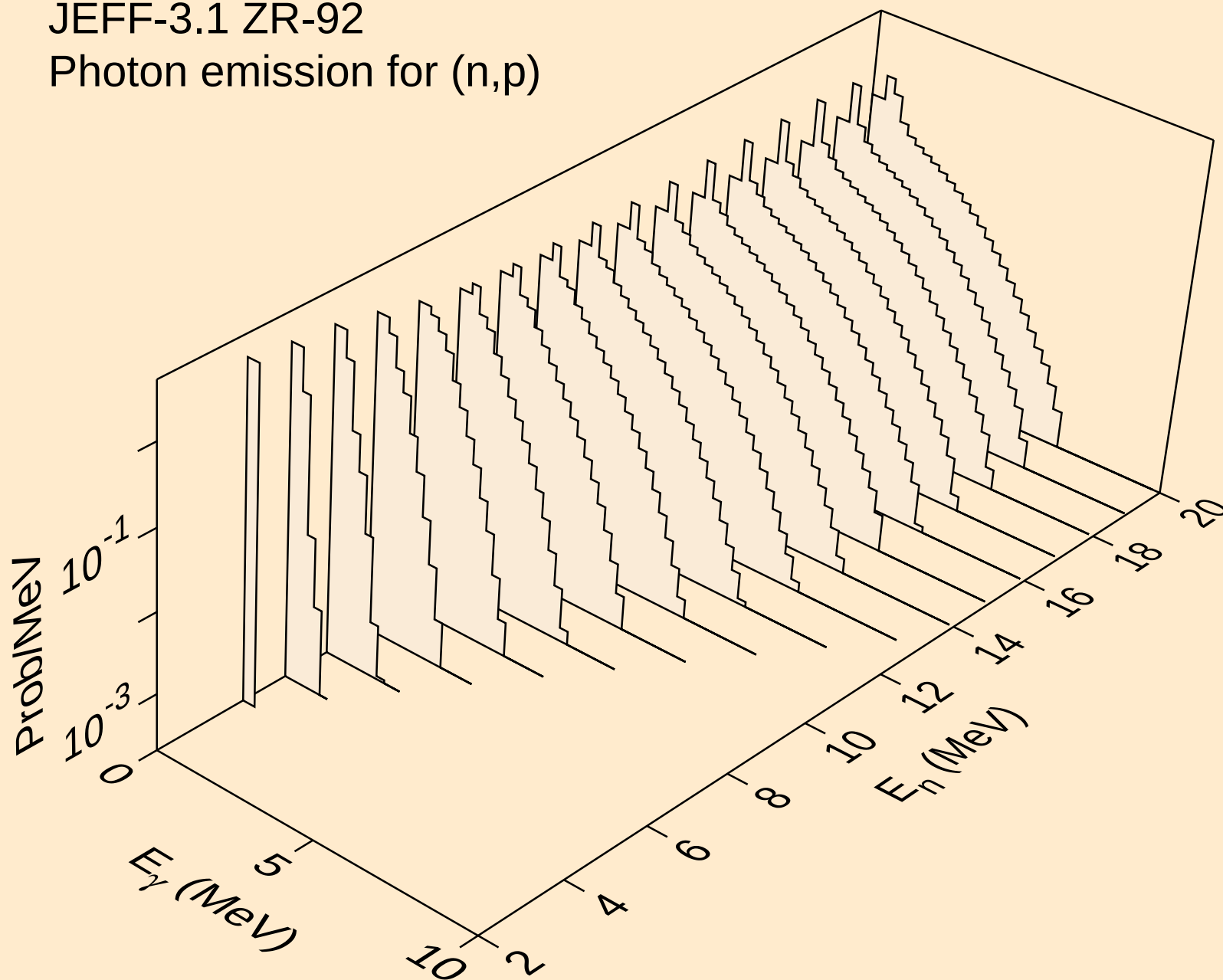
JEFF-3.1 ZR-92

Photon emission for (n,gma)



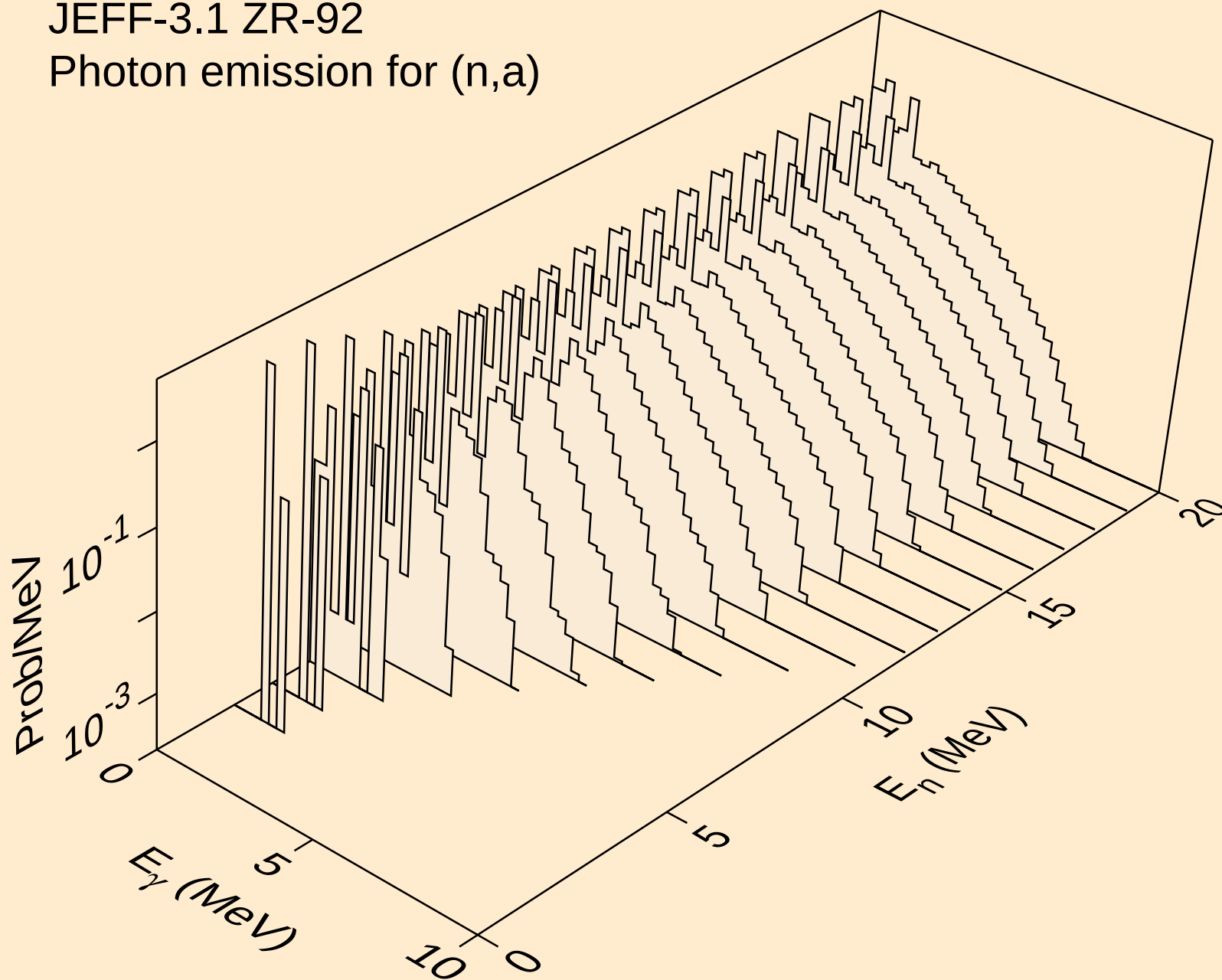
JEFF-3.1 ZR-92

Photon emission for (n,p)

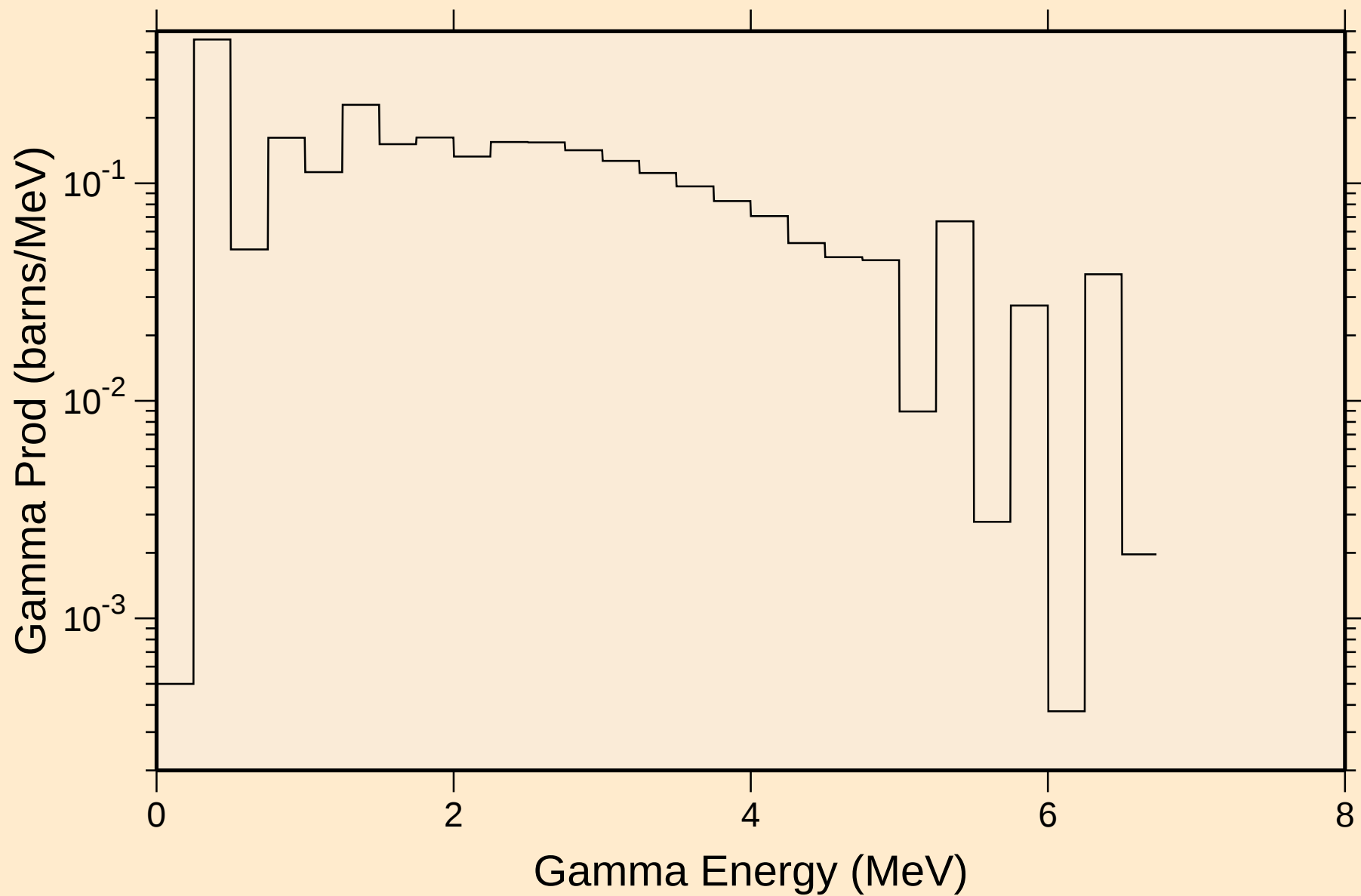


JEFF-3.1 ZR-92

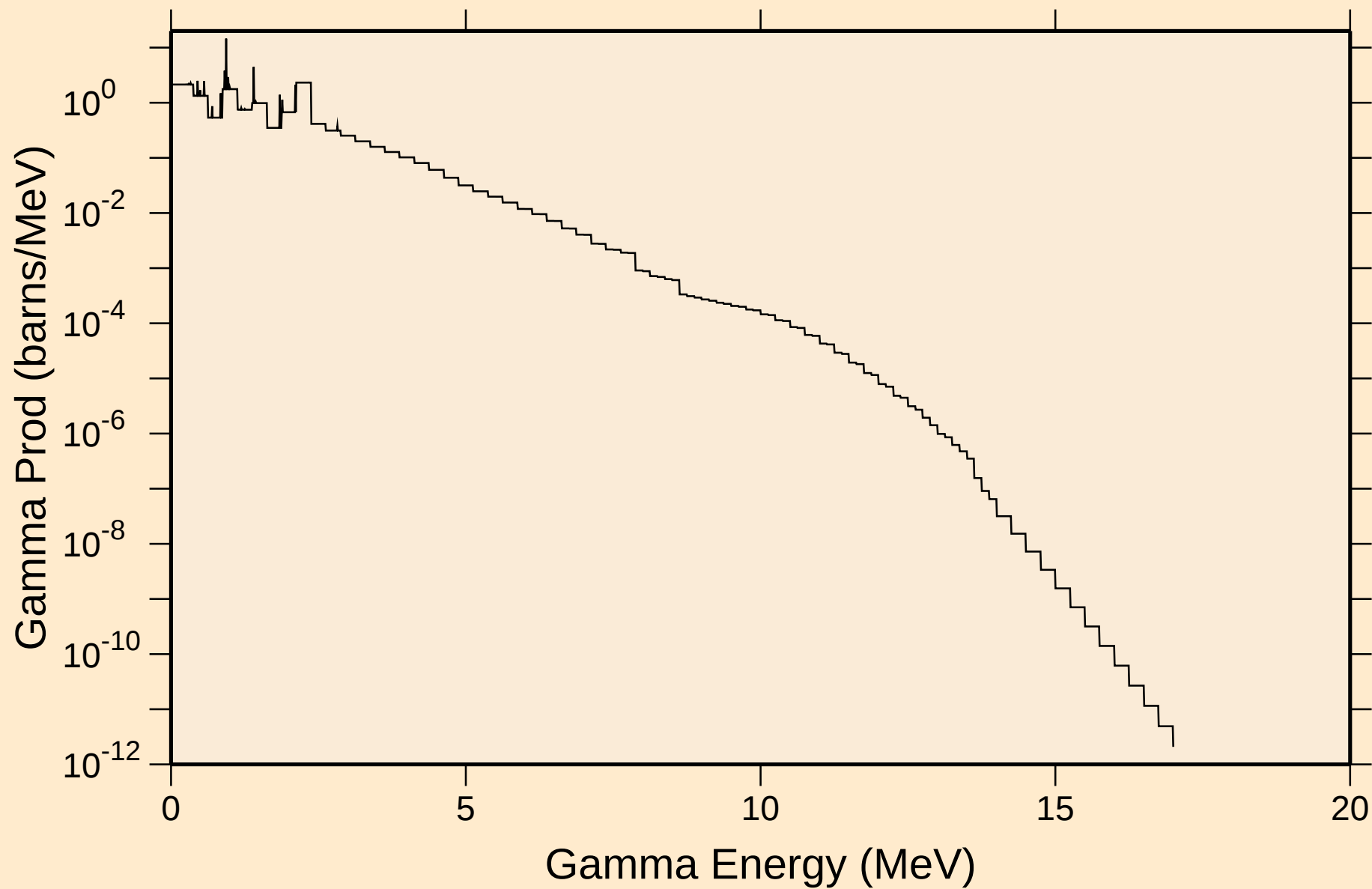
Photon emission for (n,a)



JEFF-3.1 ZR-92
thermal capture photon spectrum

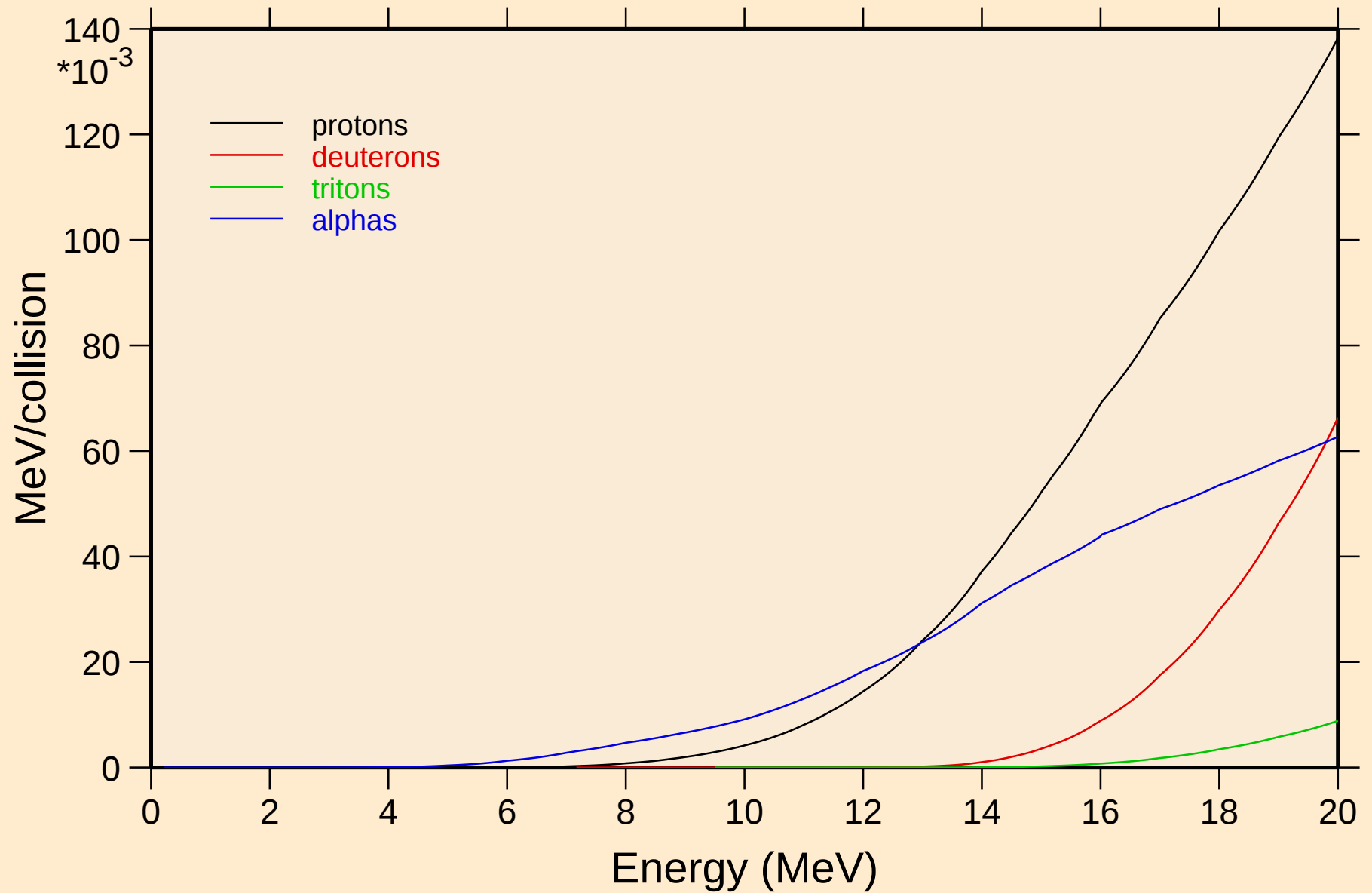


JEFF-3.1 ZR-92
14 MeV photon spectrum



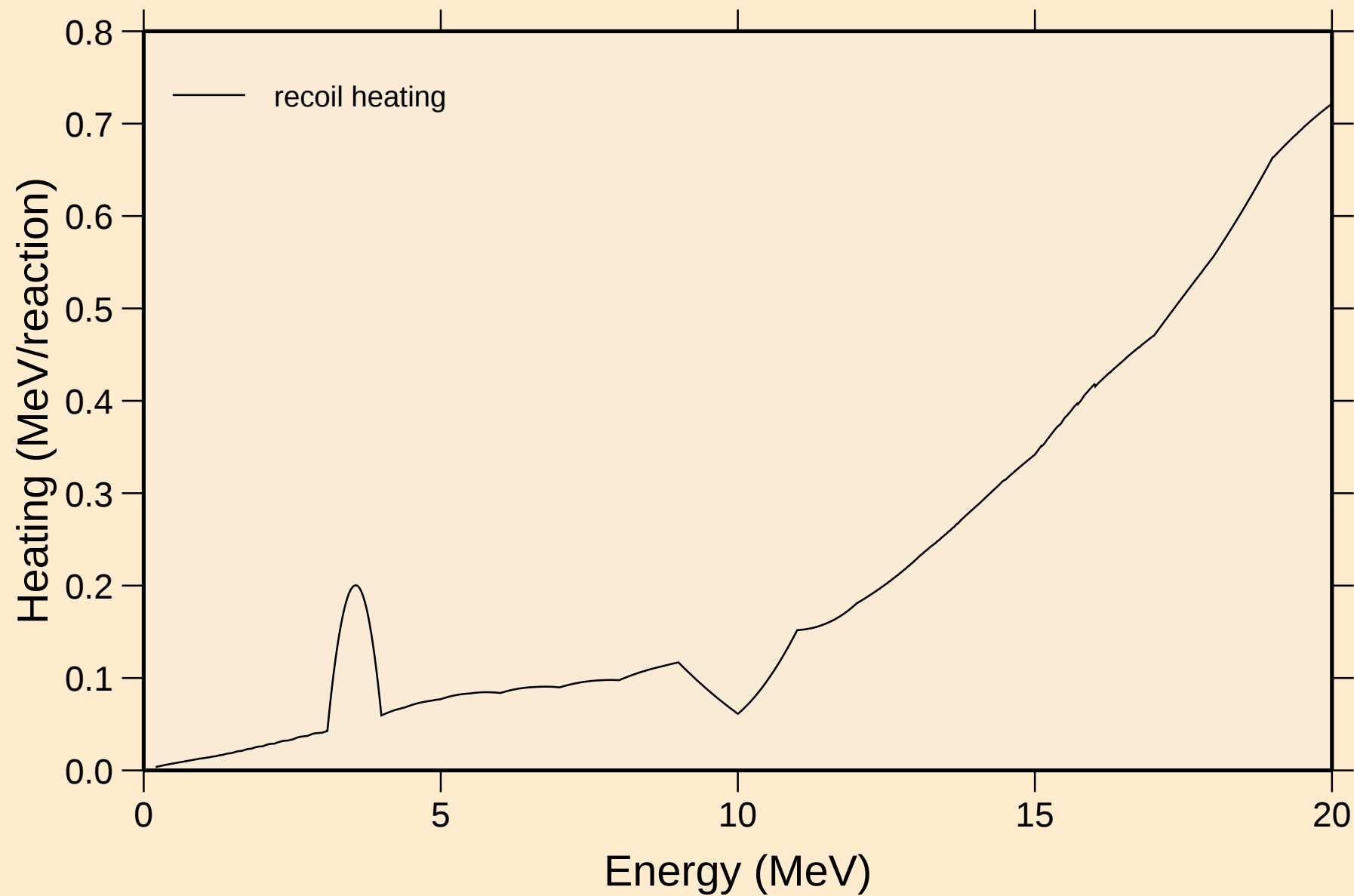
JEFF-3.1 ZR-92

Particle heating contributions



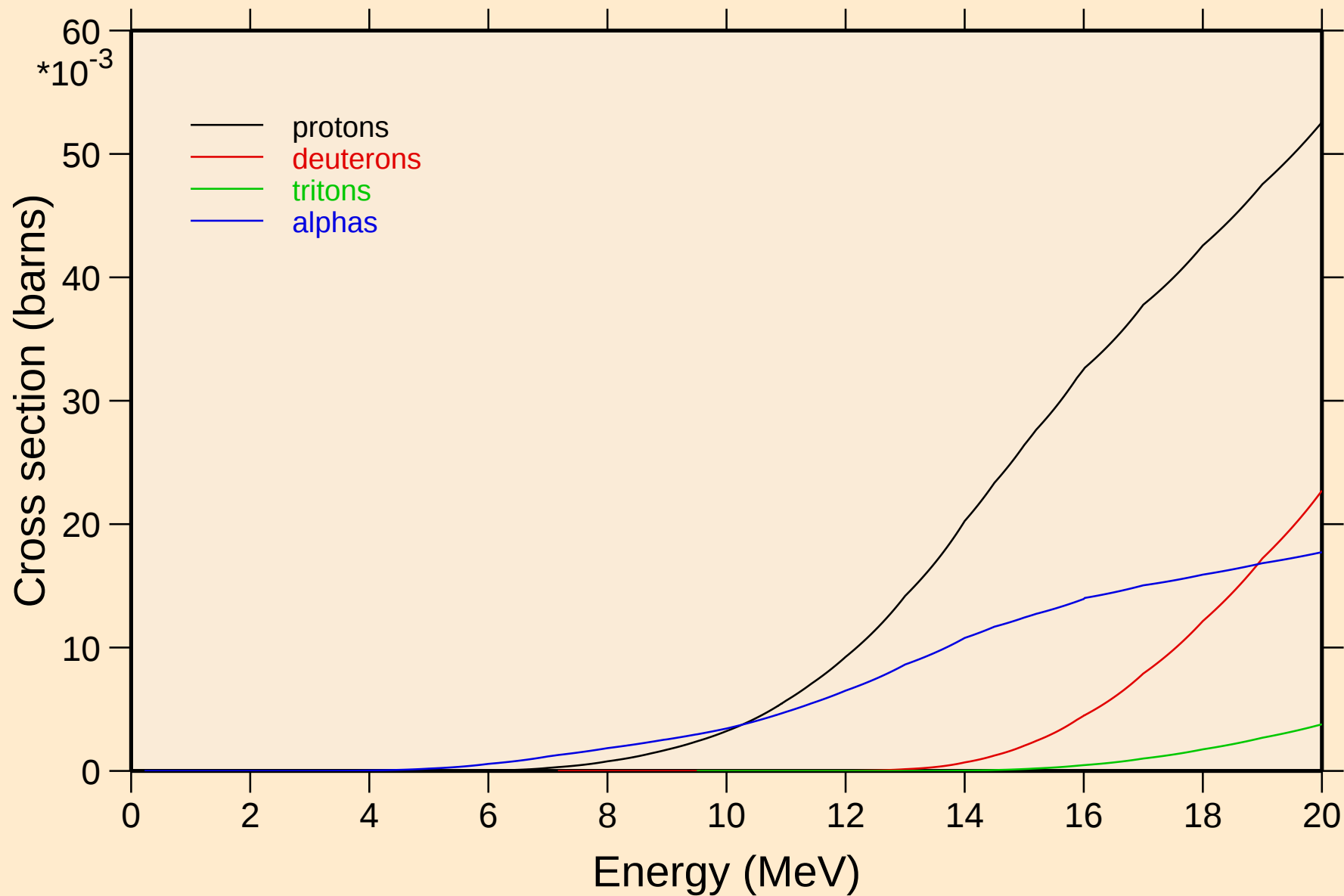
JEFF-3.1 ZR-92

Recoil Heating

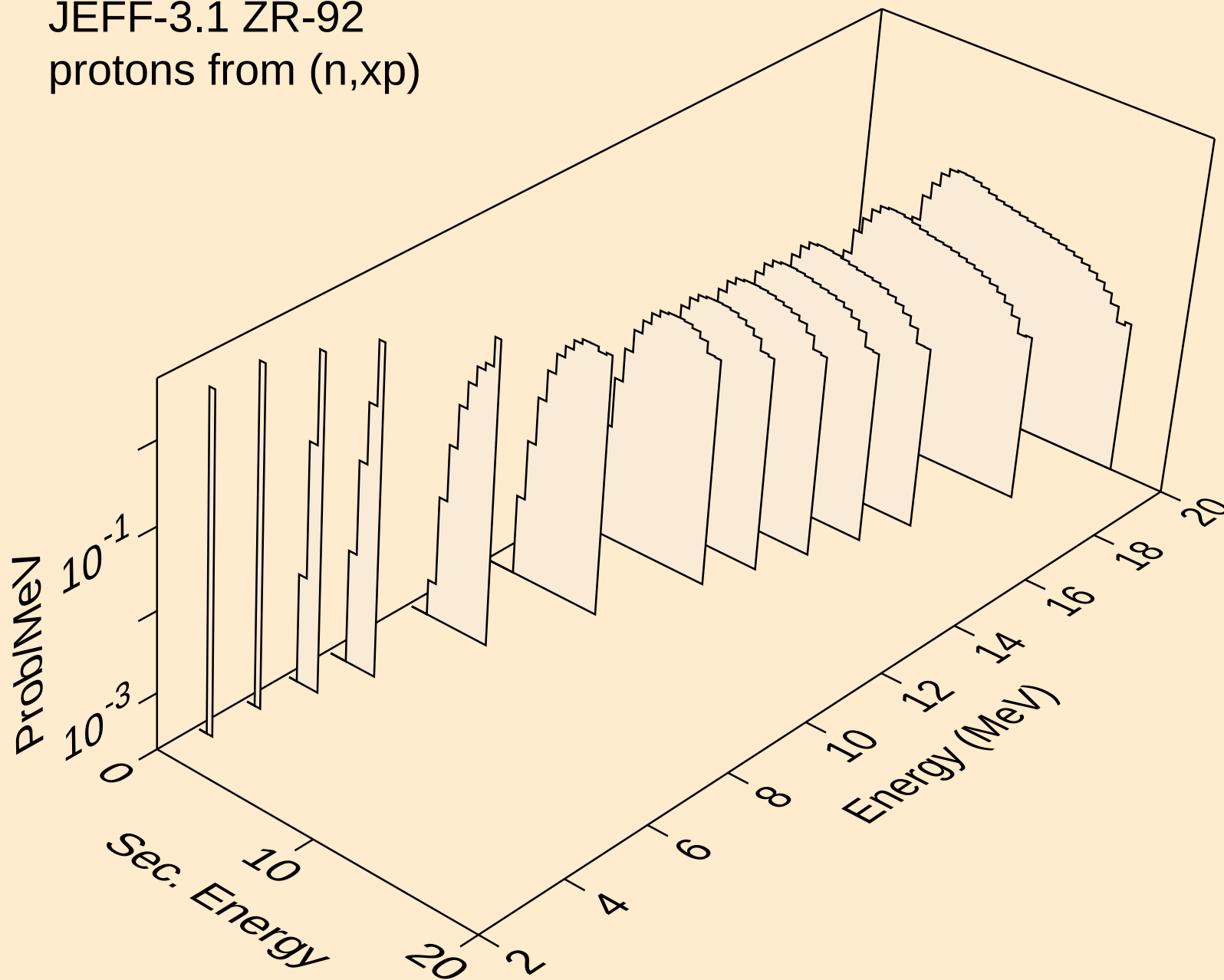


JEFF-3.1 ZR-92

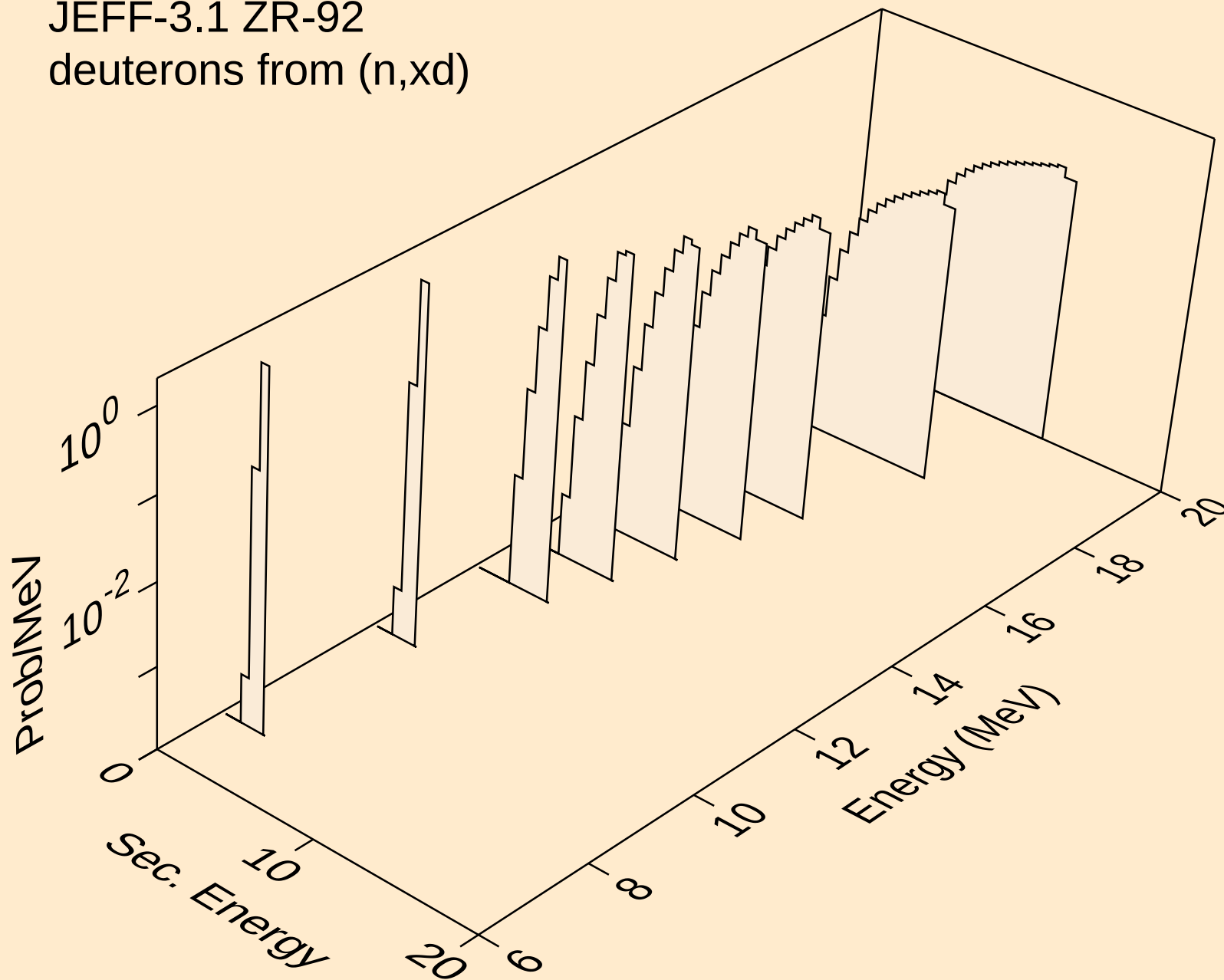
Particle production cross sections



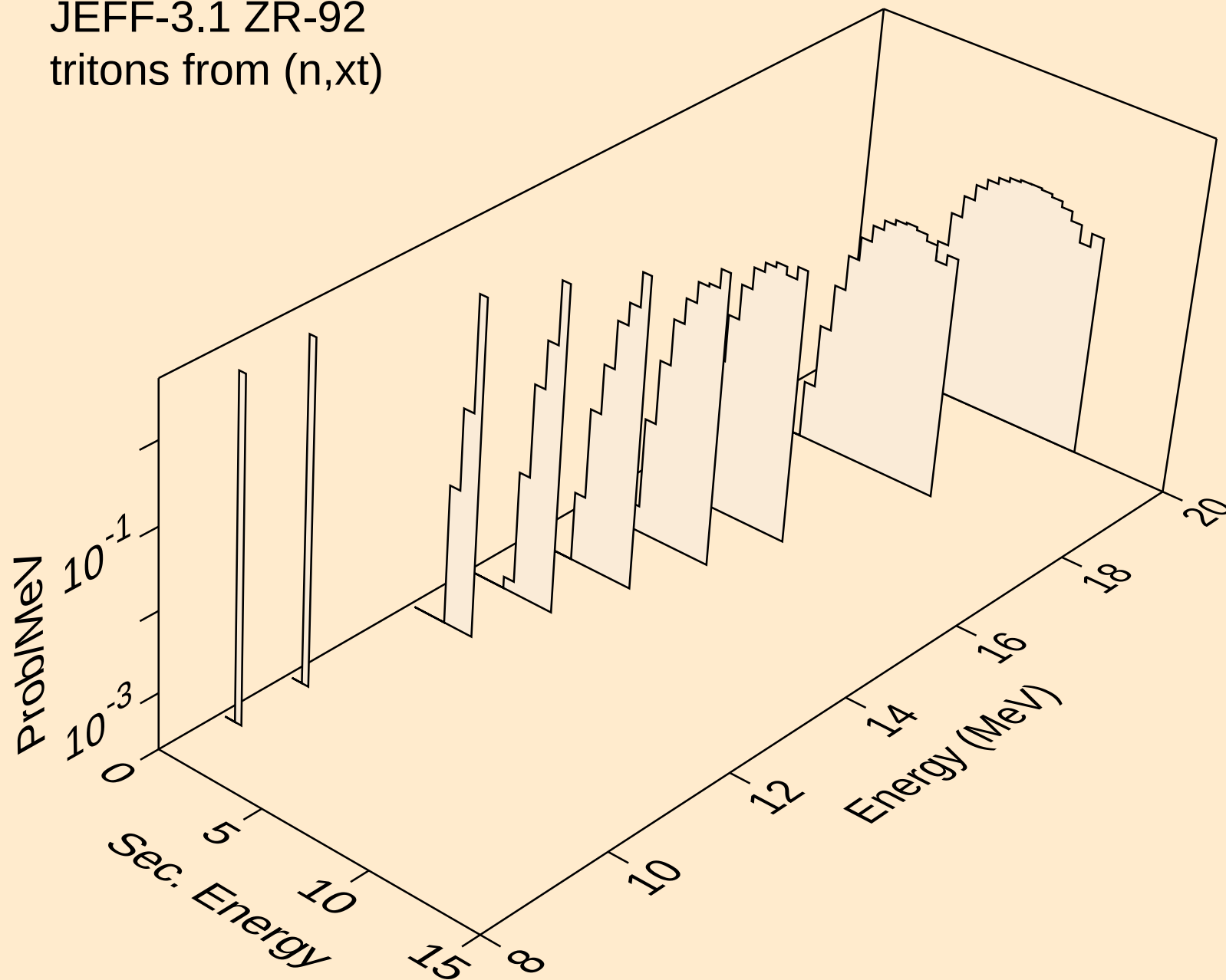
JEFF-3.1 ZR-92
protons from (n,xp)



JEFF-3.1 ZR-92
deuterons from (n,xd)



JEFF-3.1 ZR-92
tritons from (n,xt)



JEFF-3.1 ZR-92
alphas from (n,xa)

