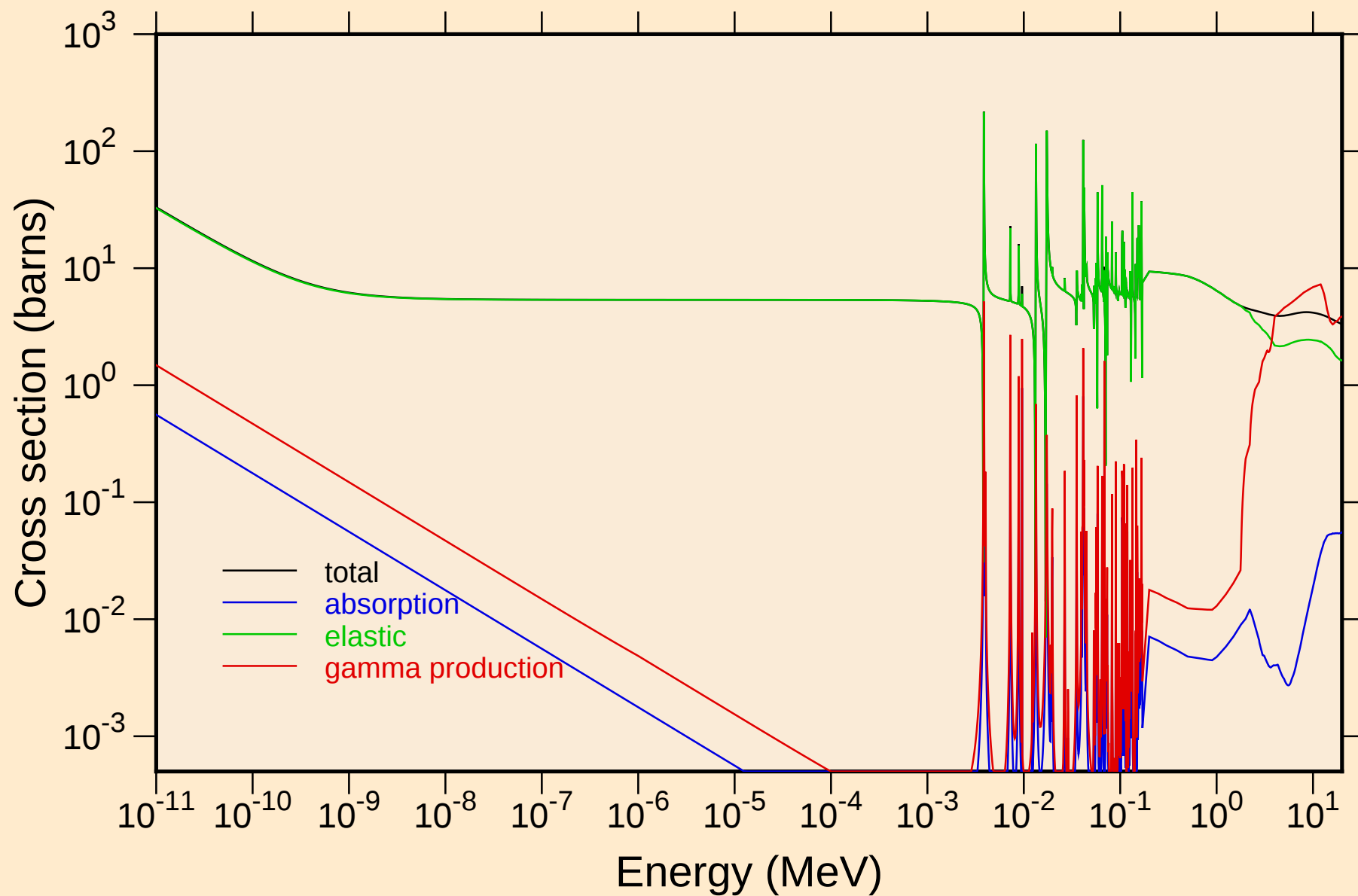
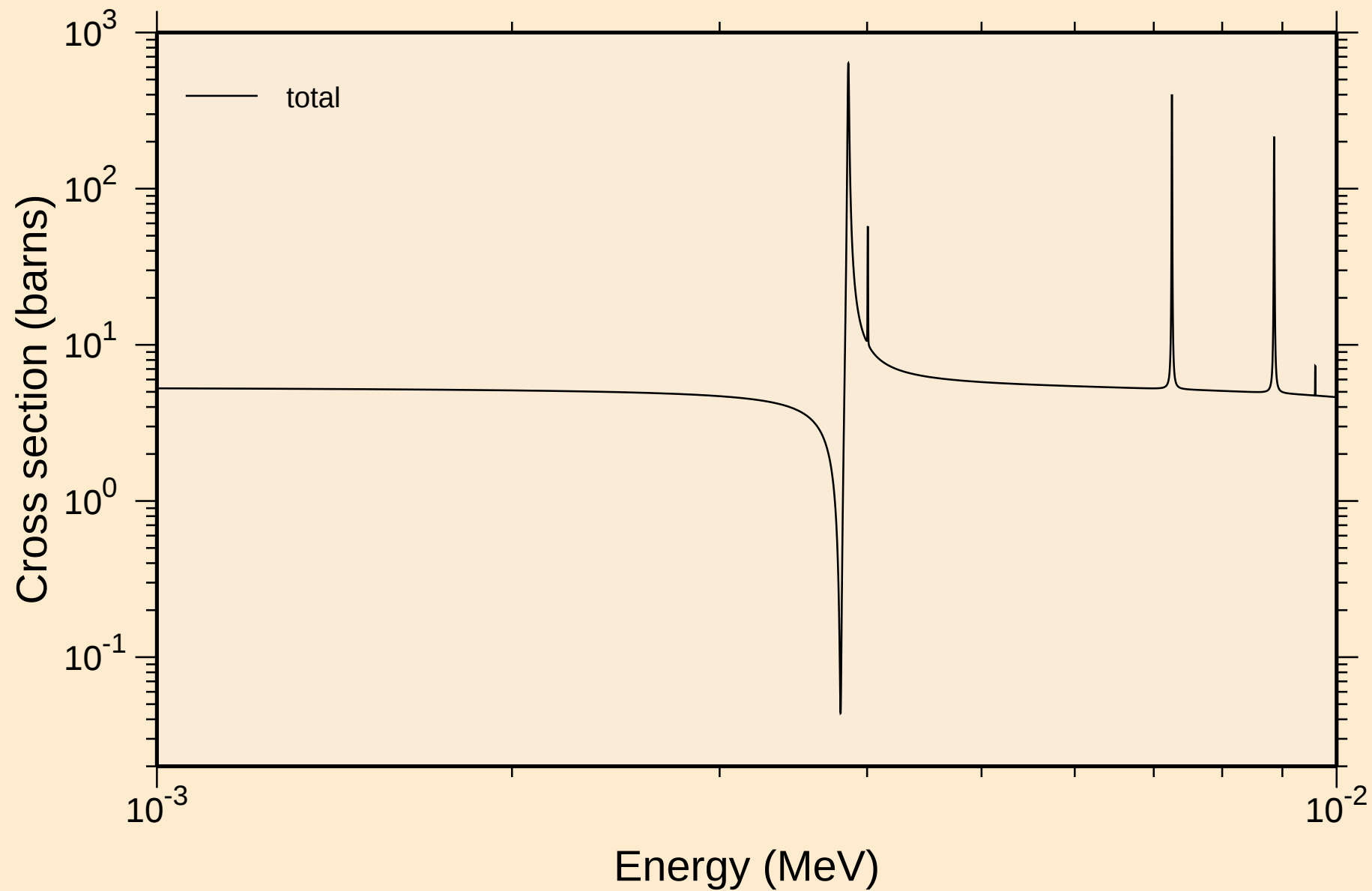


JEFF-3.1 ZR-90

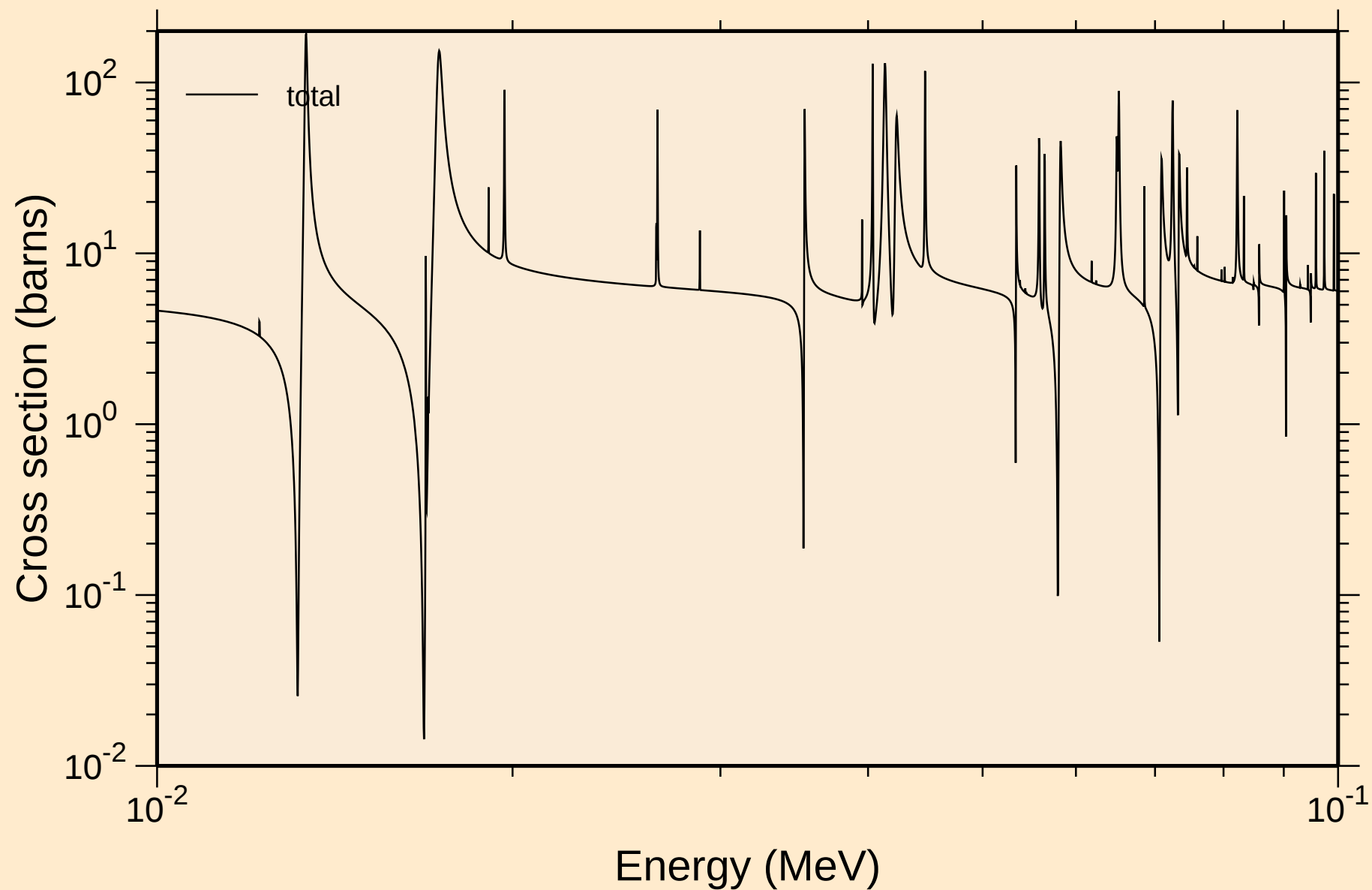
Principal cross sections



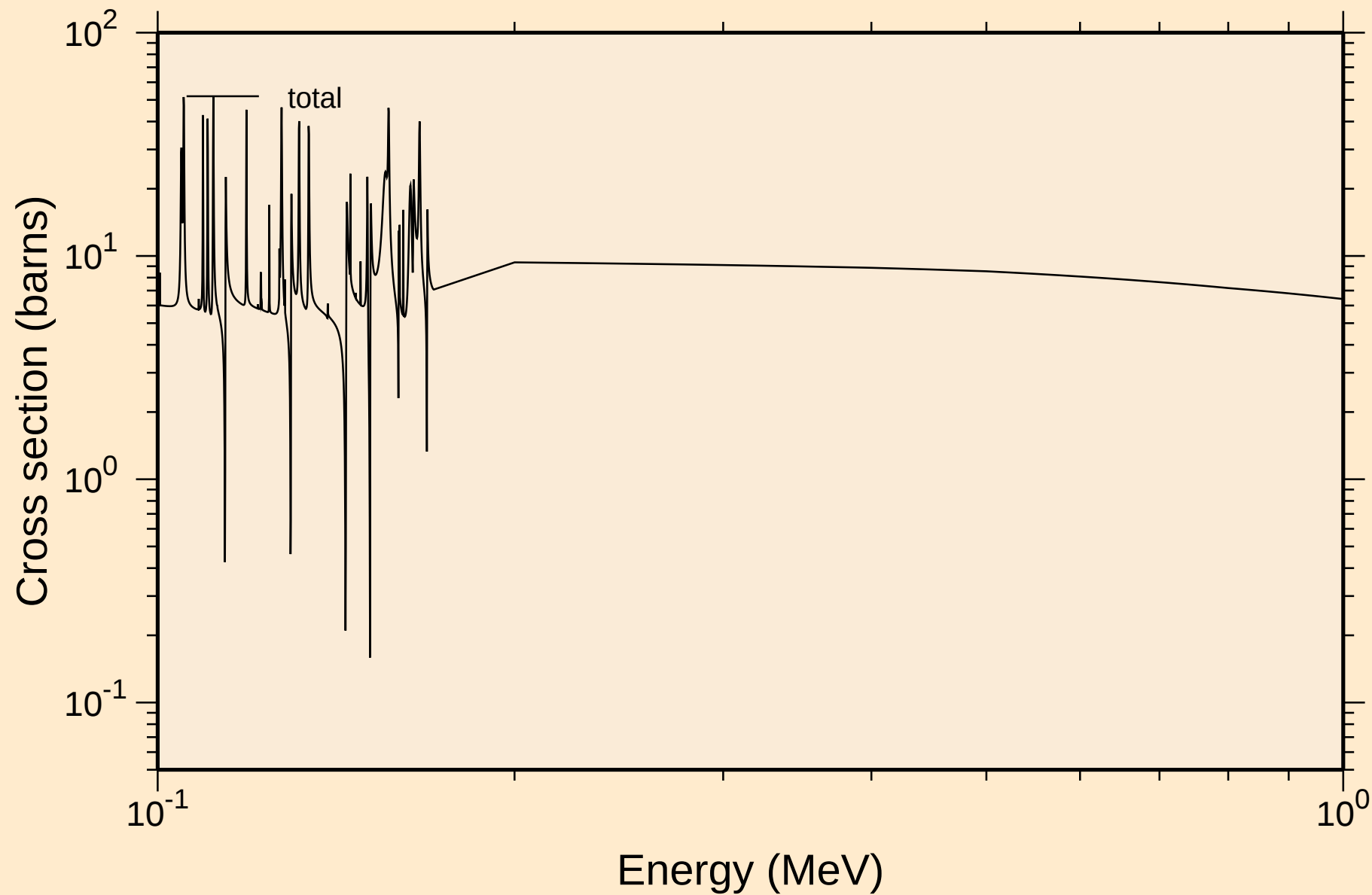
JEFF-3.1 ZR-90
resonance total cross section



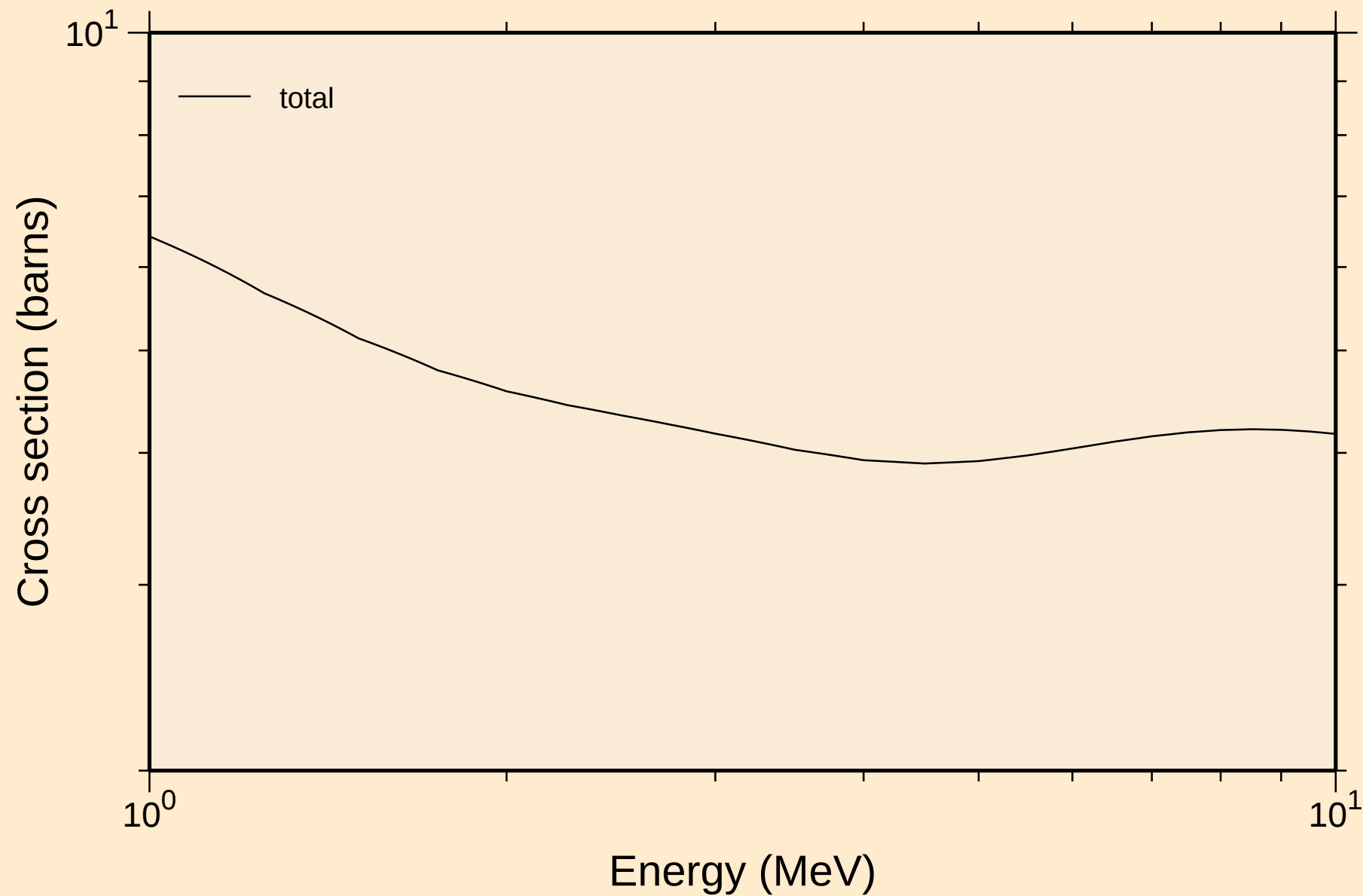
JEFF-3.1 ZR-90 resonance total cross section



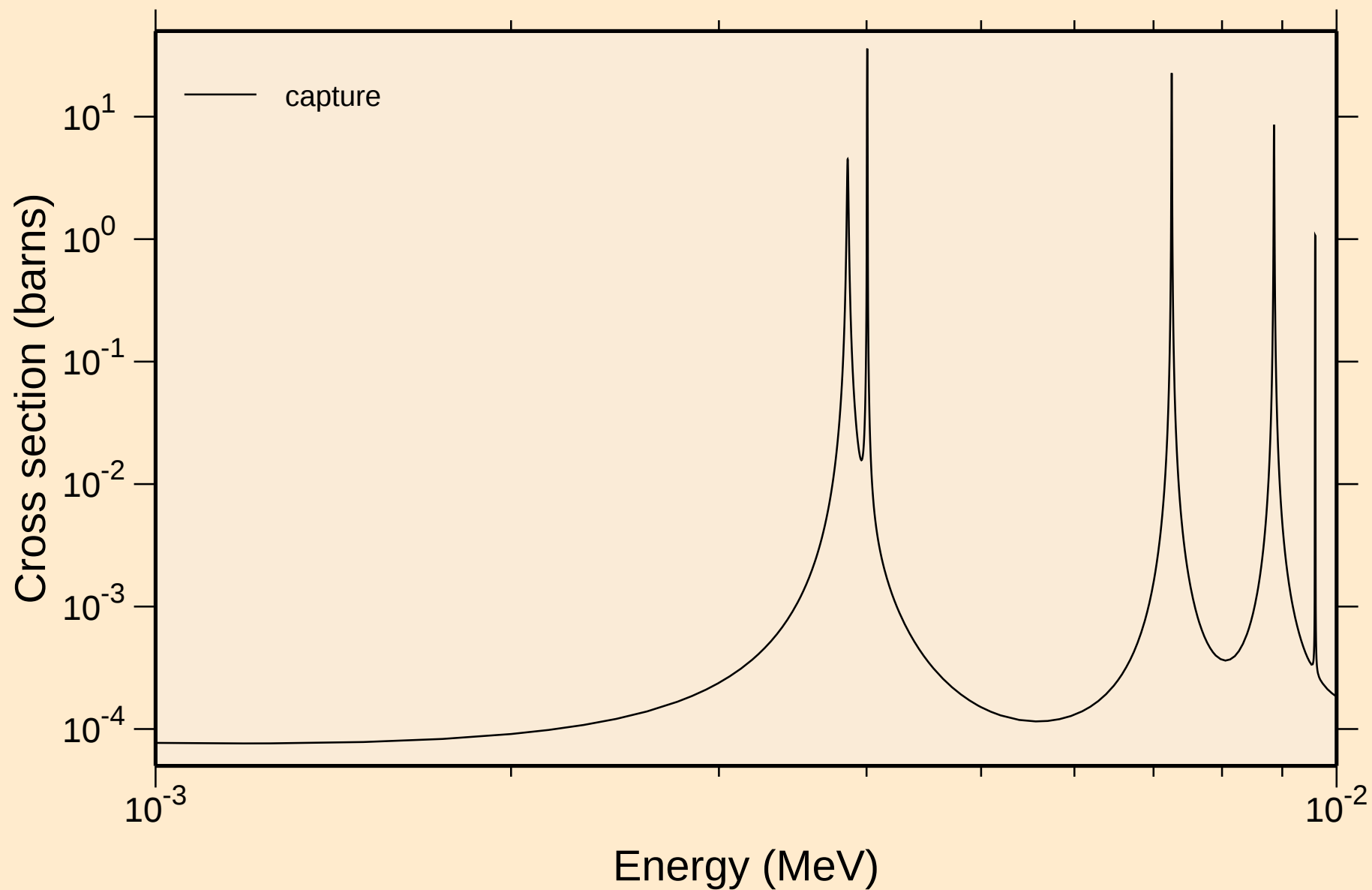
JEFF-3.1 ZR-90
resonance total cross section



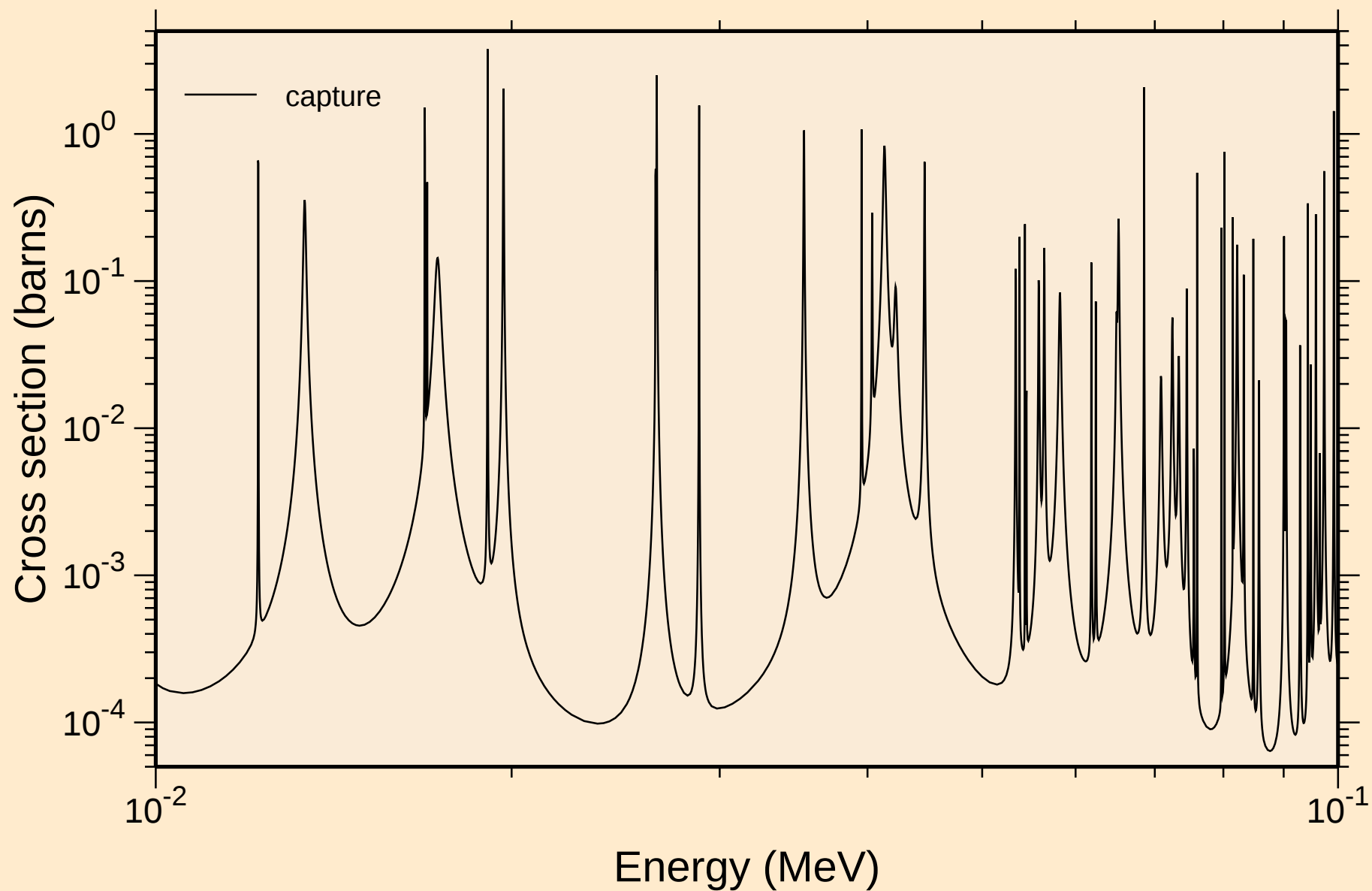
JEFF-3.1 ZR-90
resonance total cross section



JEFF-3.1 ZR-90 resonance absorption cross sections

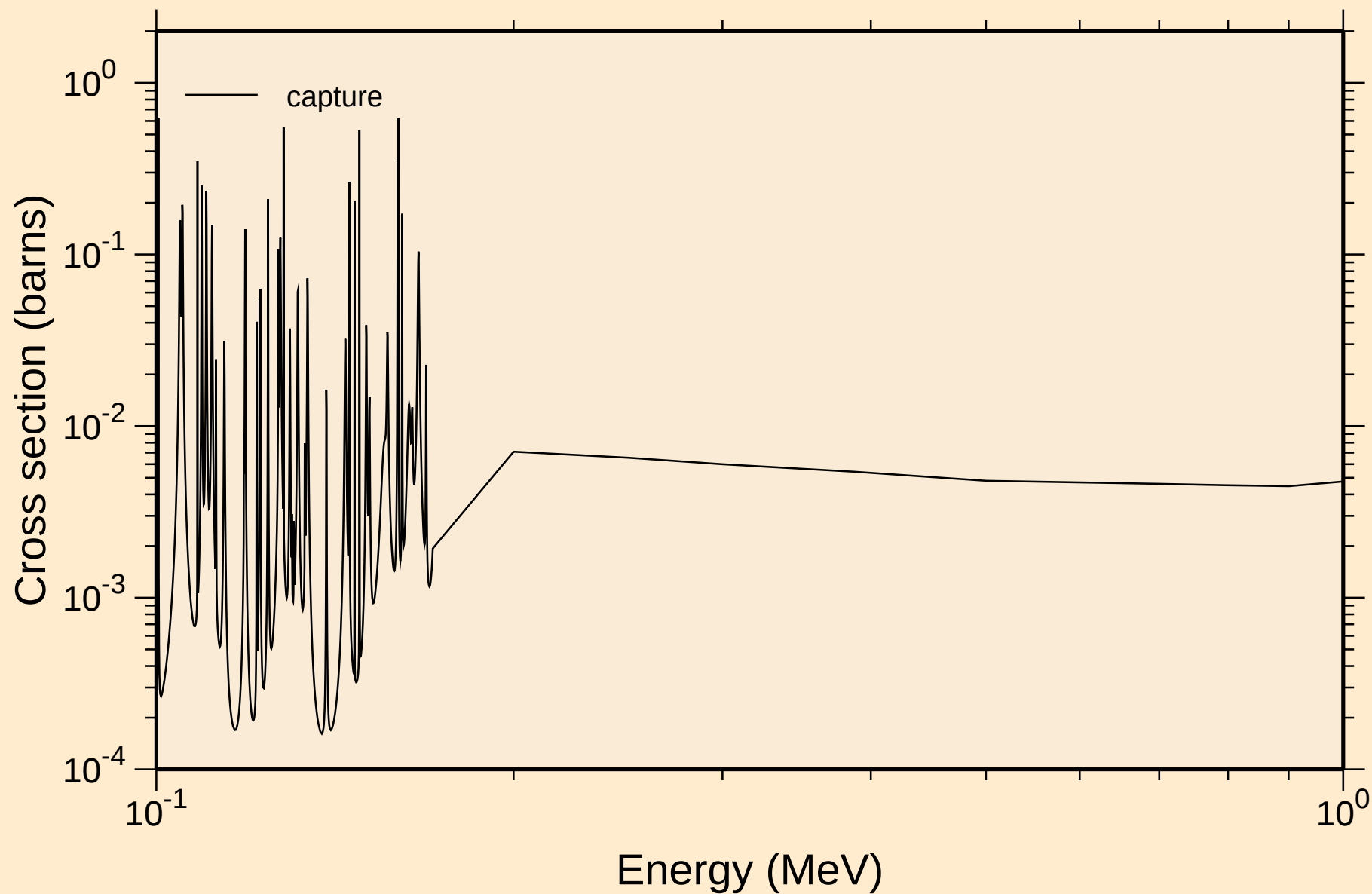


JEFF-3.1 ZR-90 resonance absorption cross sections

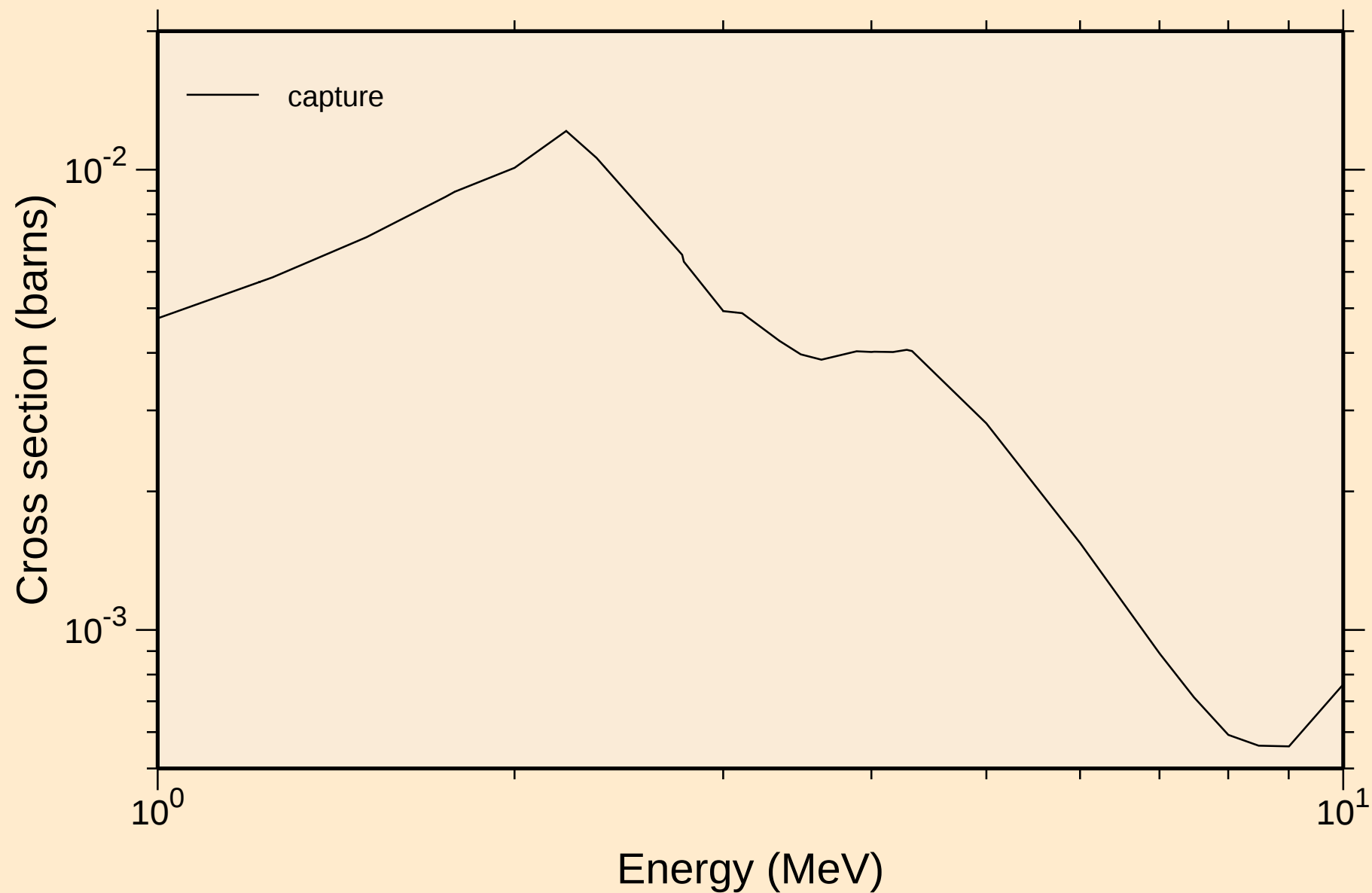


JEFF-3.1 ZR-90

resonance absorption cross sections

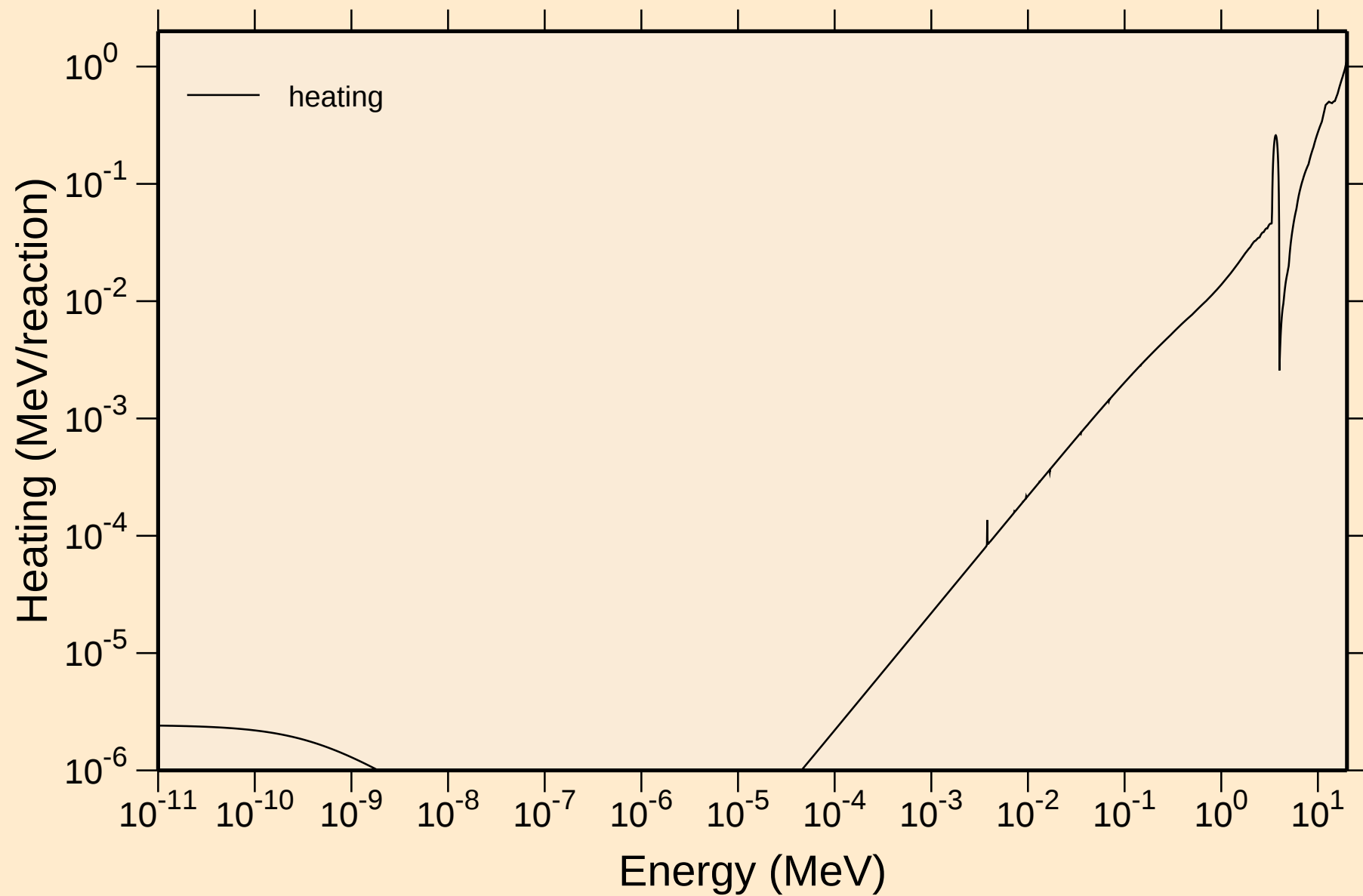


JEFF-3.1 ZR-90 resonance absorption cross sections



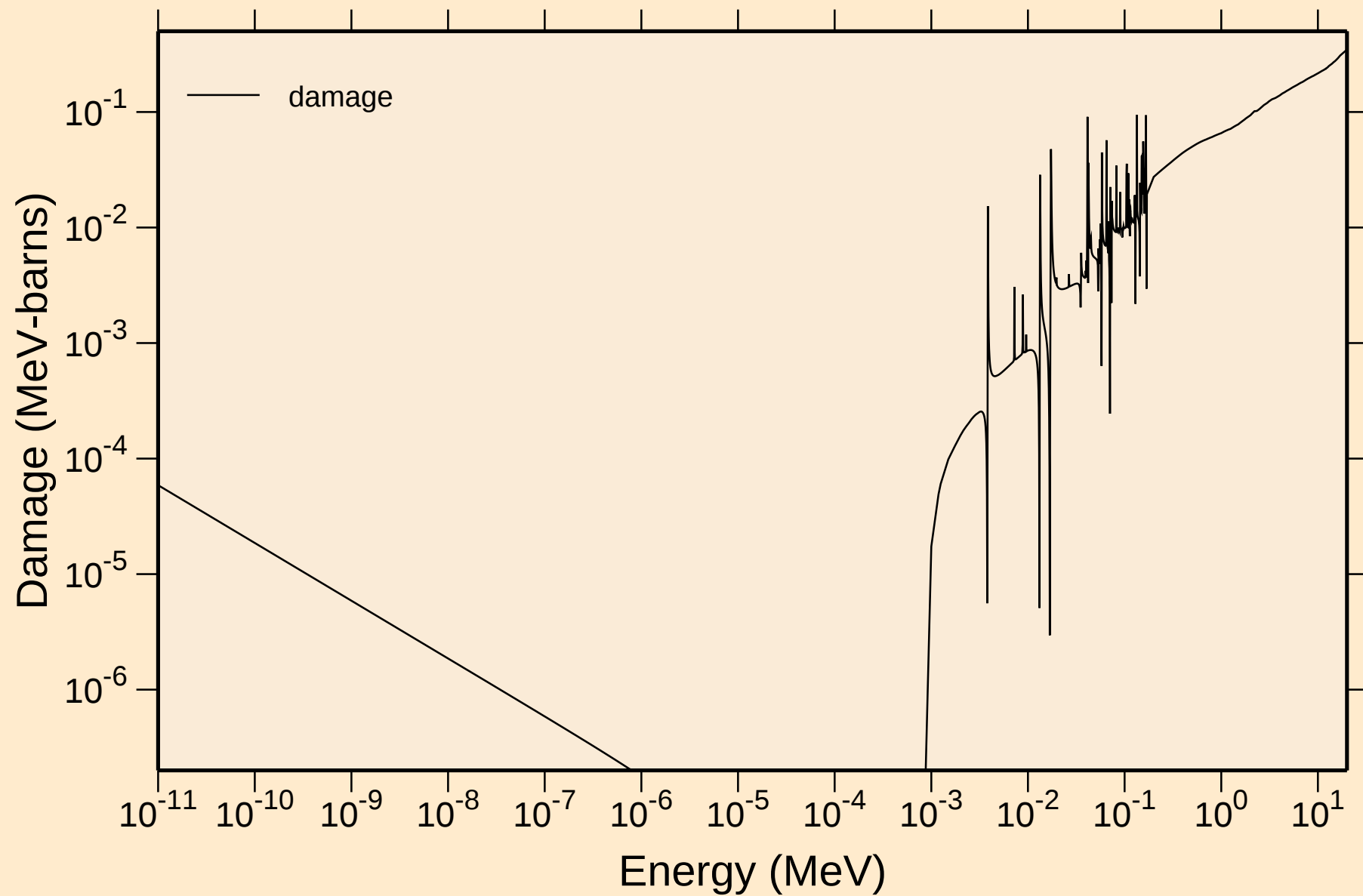
JEFF-3.1 ZR-90

Heating



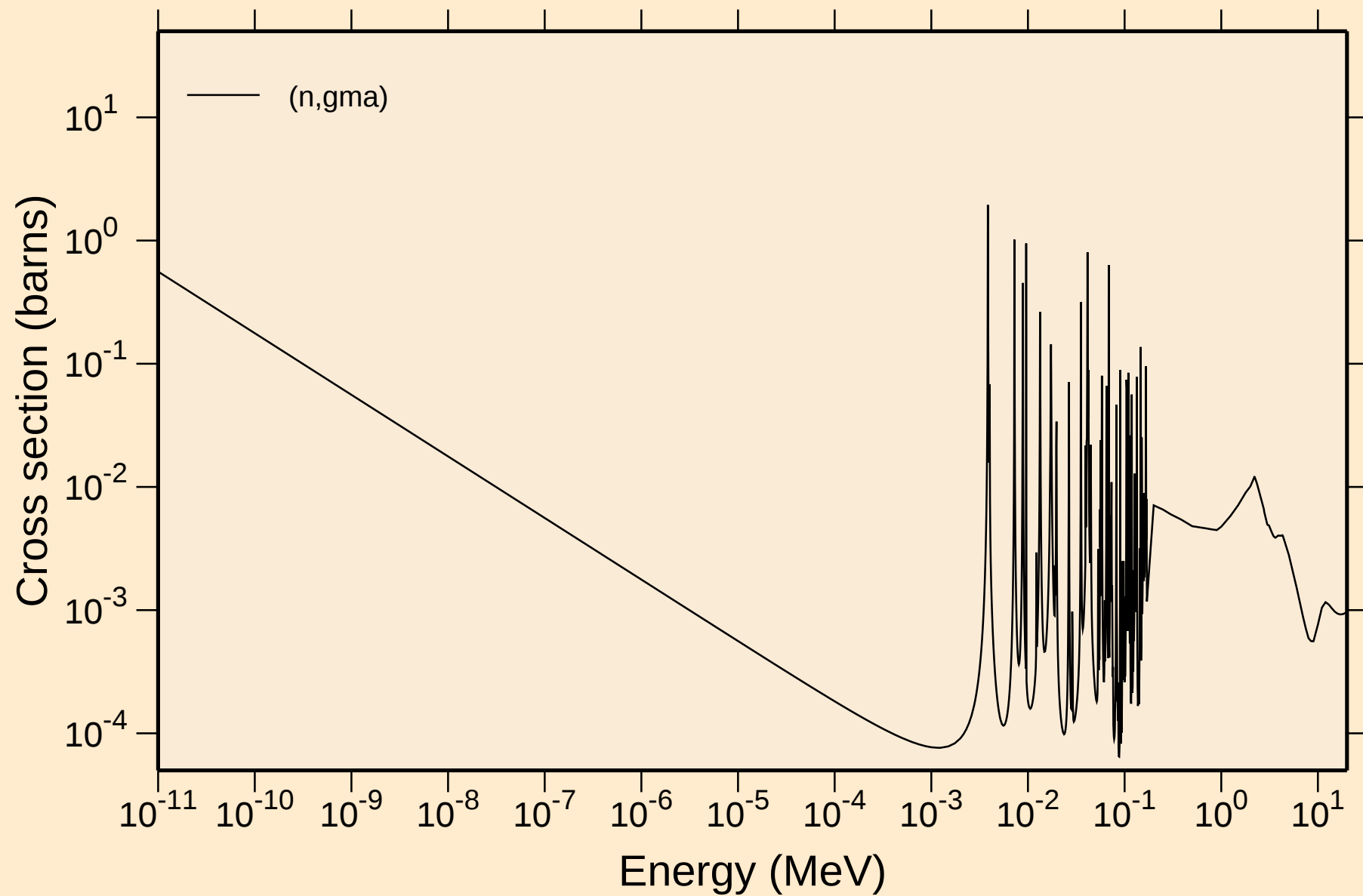
JEFF-3.1 ZR-90

Damage



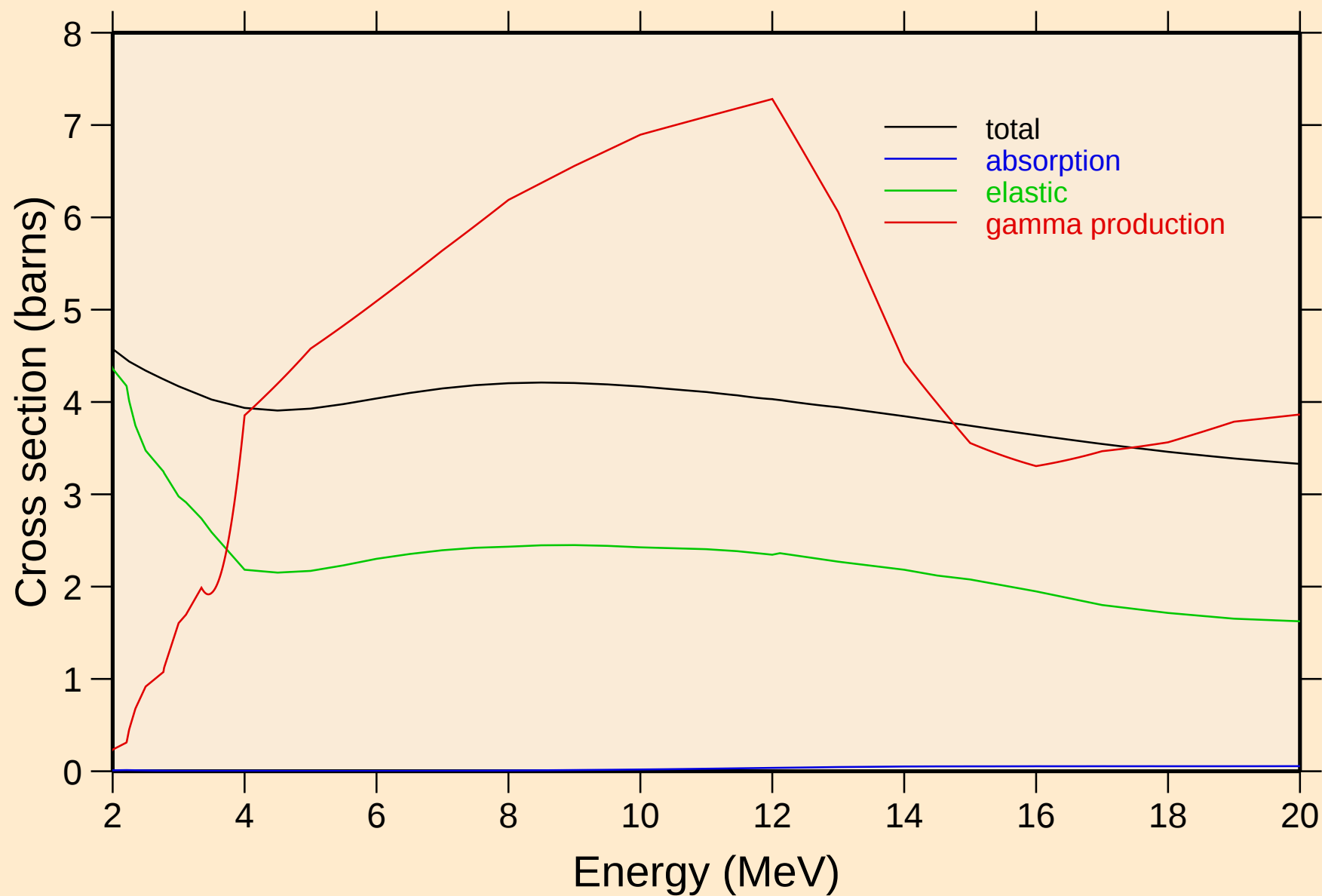
JEFF-3.1 ZR-90

Non-threshold reactions



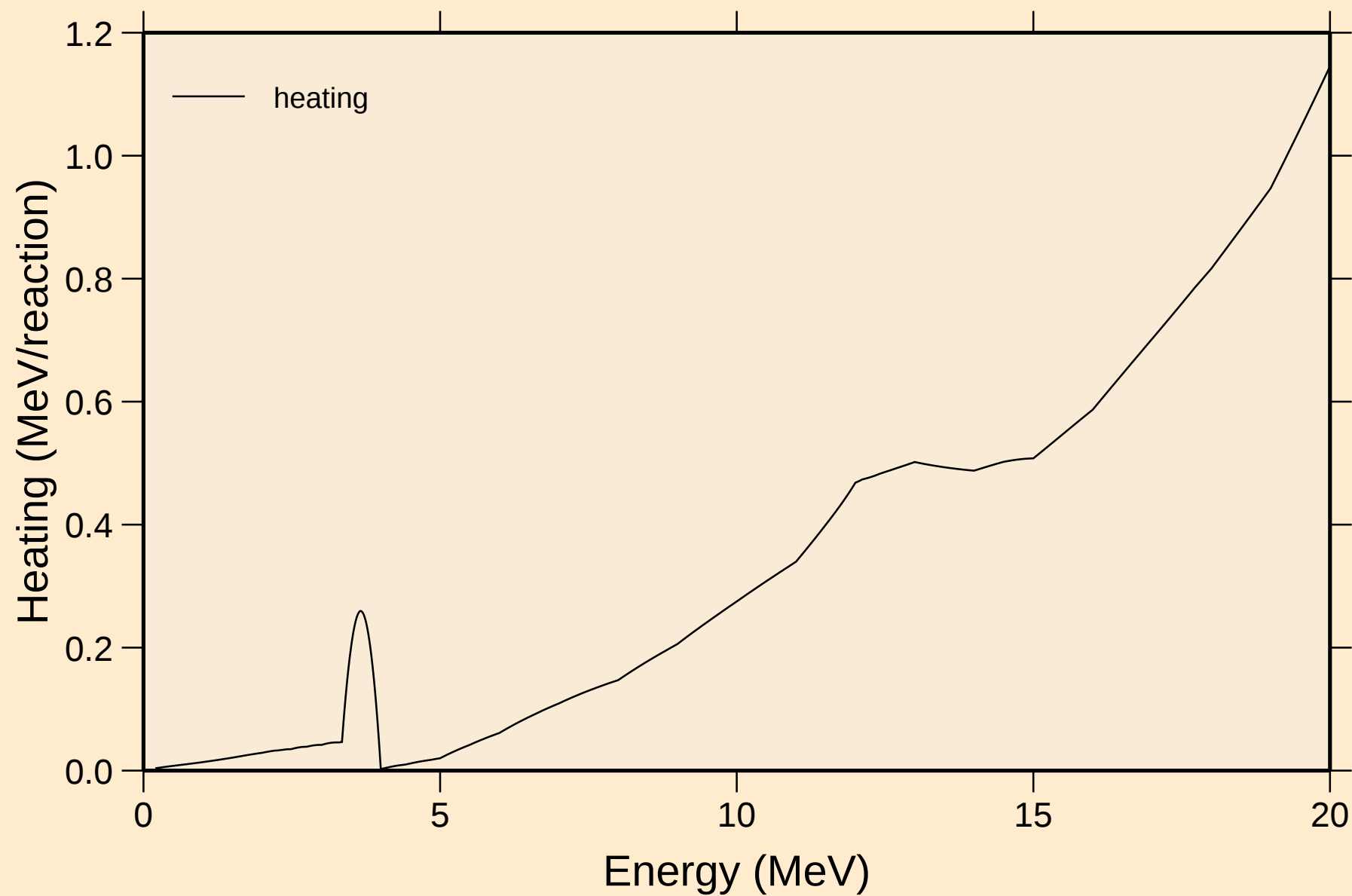
JEFF-3.1 ZR-90

Principal cross sections



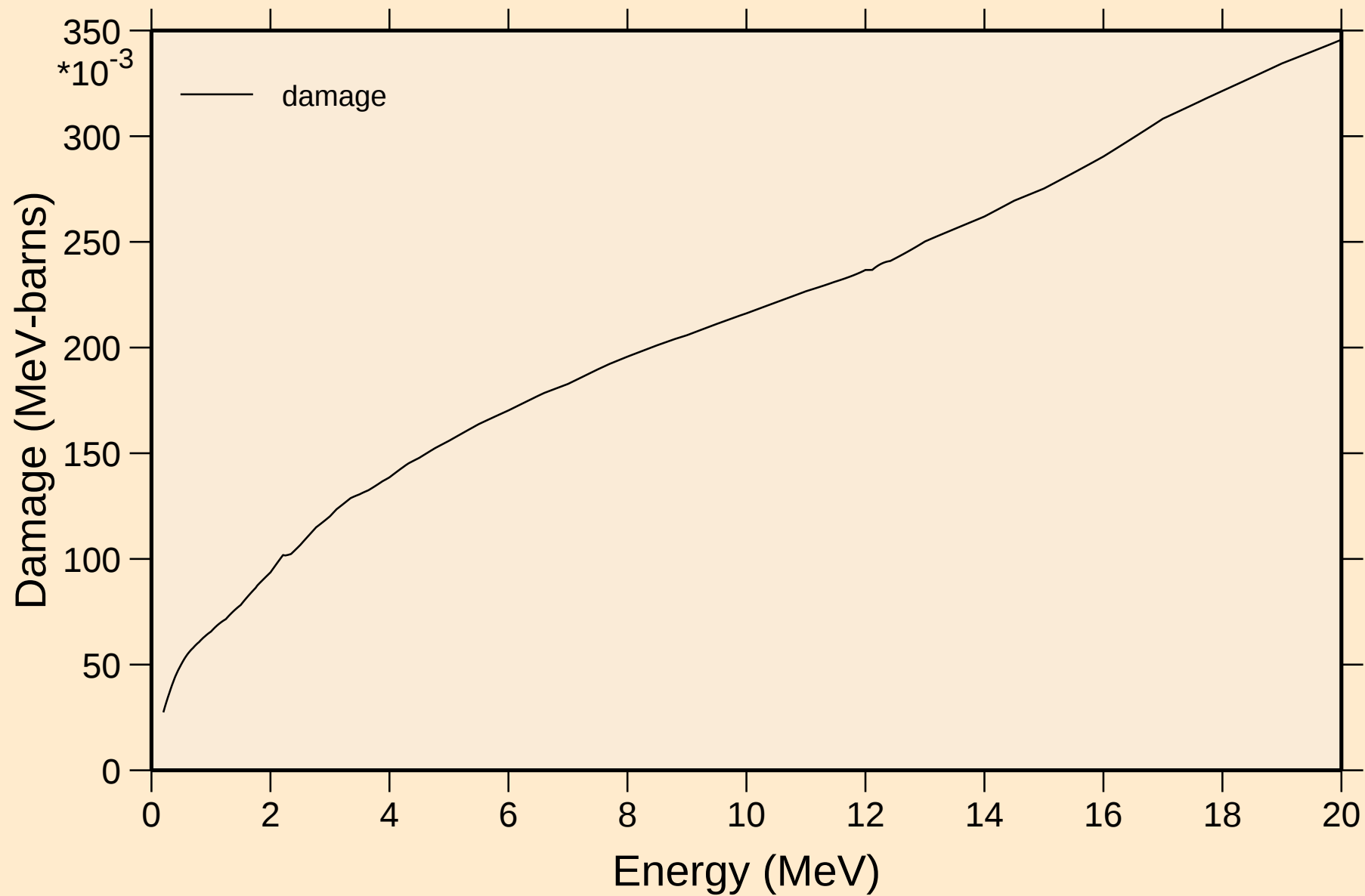
JEFF-3.1 ZR-90

Heating



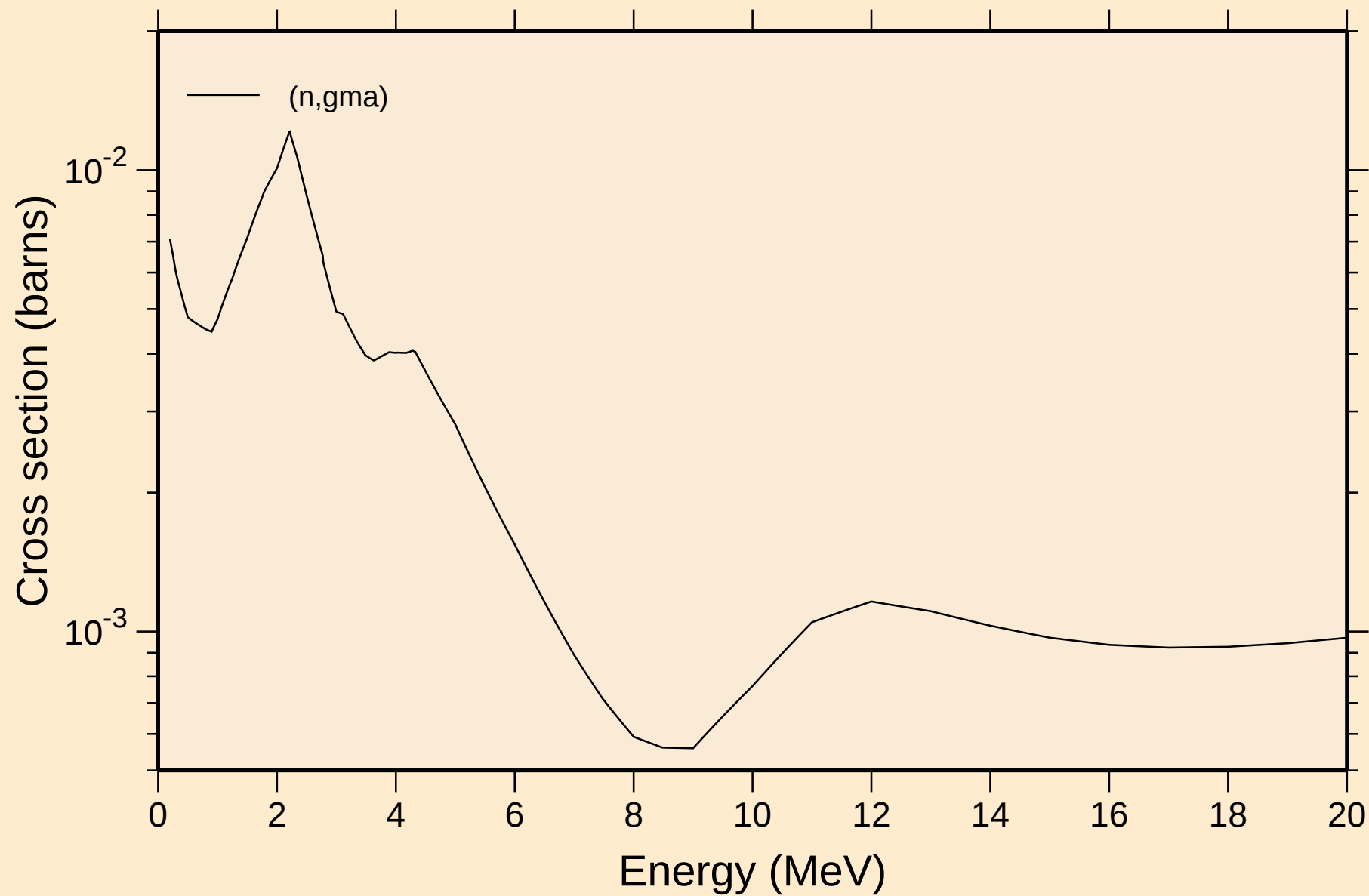
JEFF-3.1 ZR-90

Damage



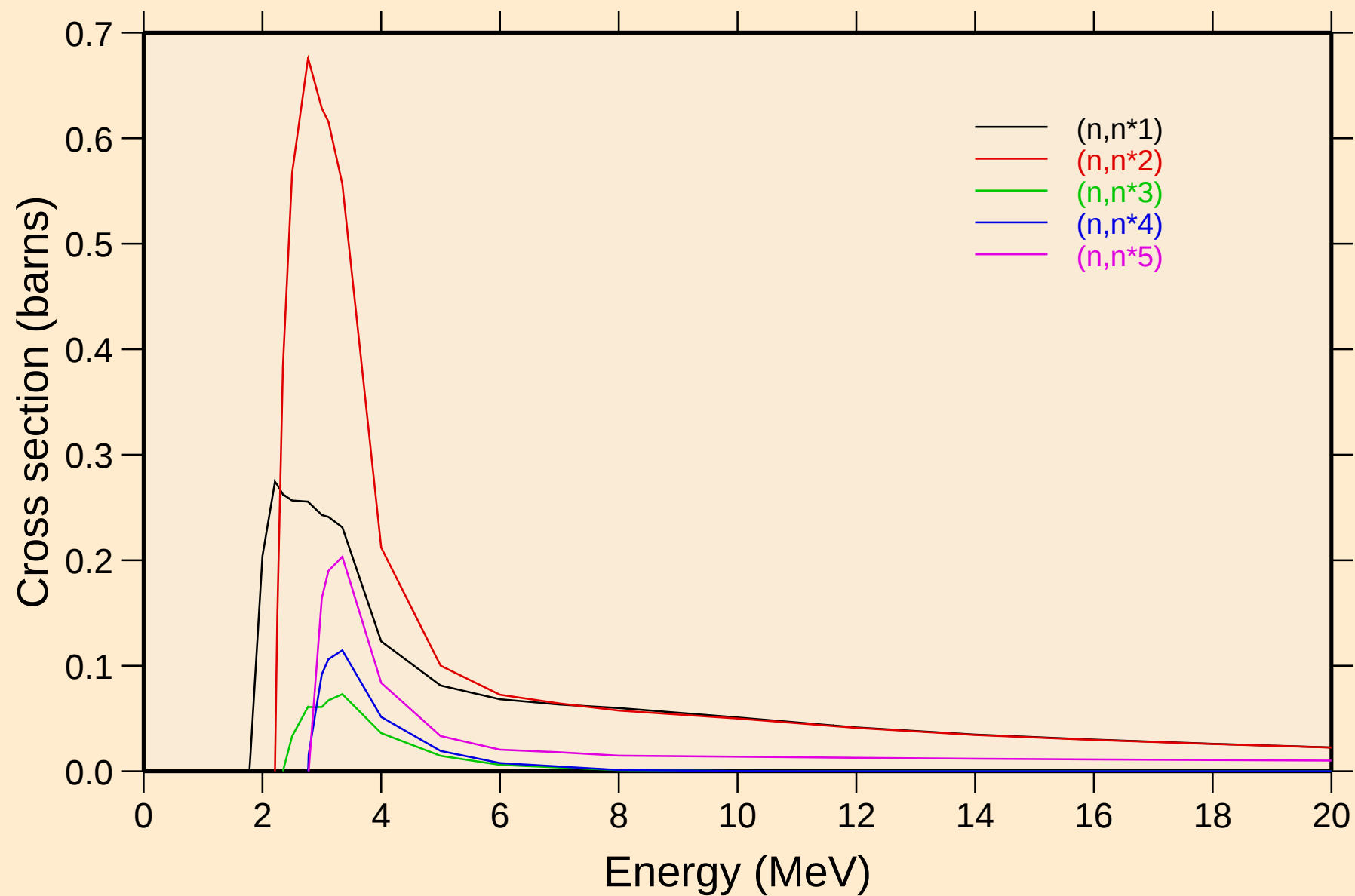
JEFF-3.1 ZR-90

Non-threshold reactions



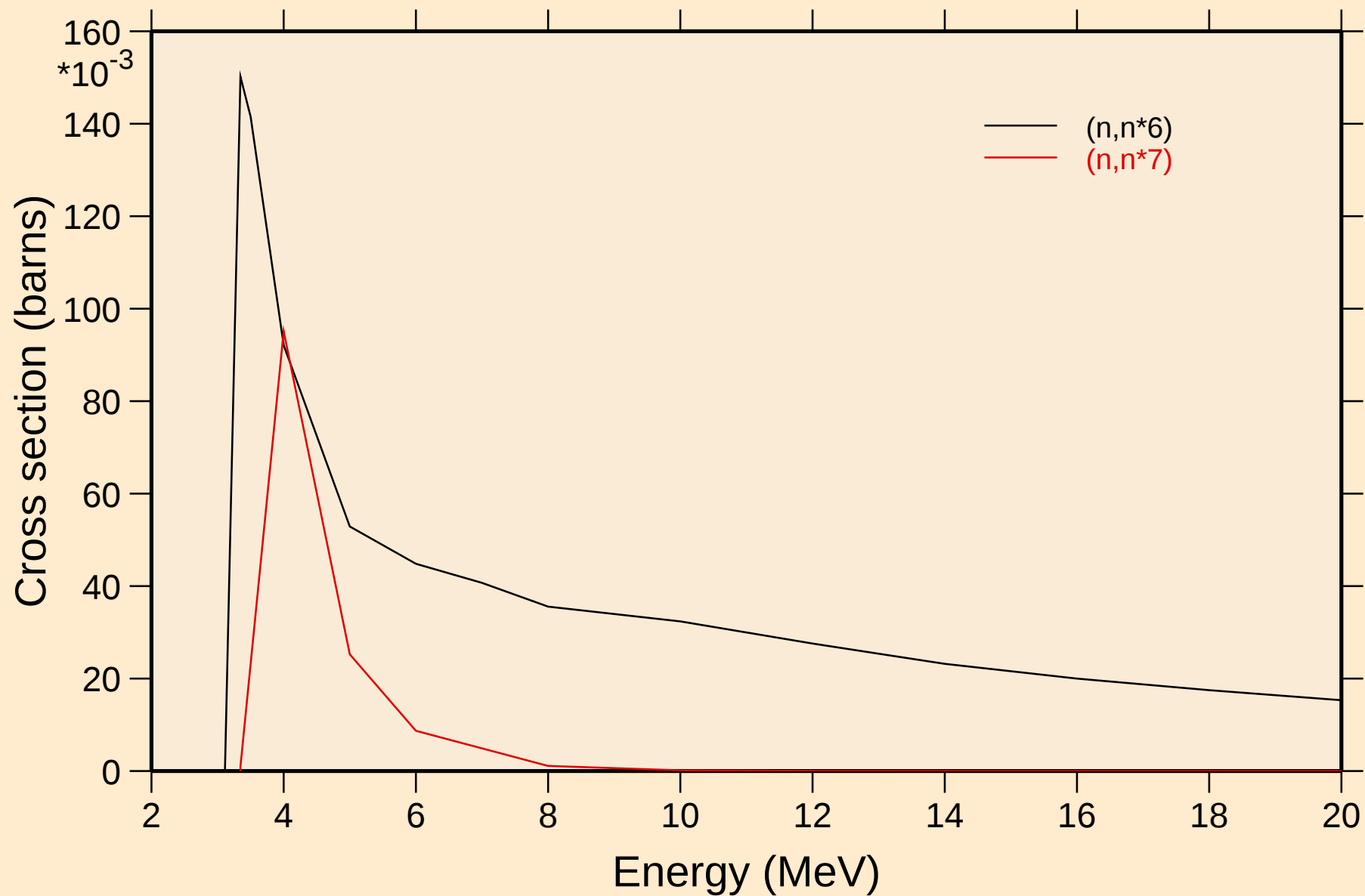
JEFF-3.1 ZR-90

Inelastic levels



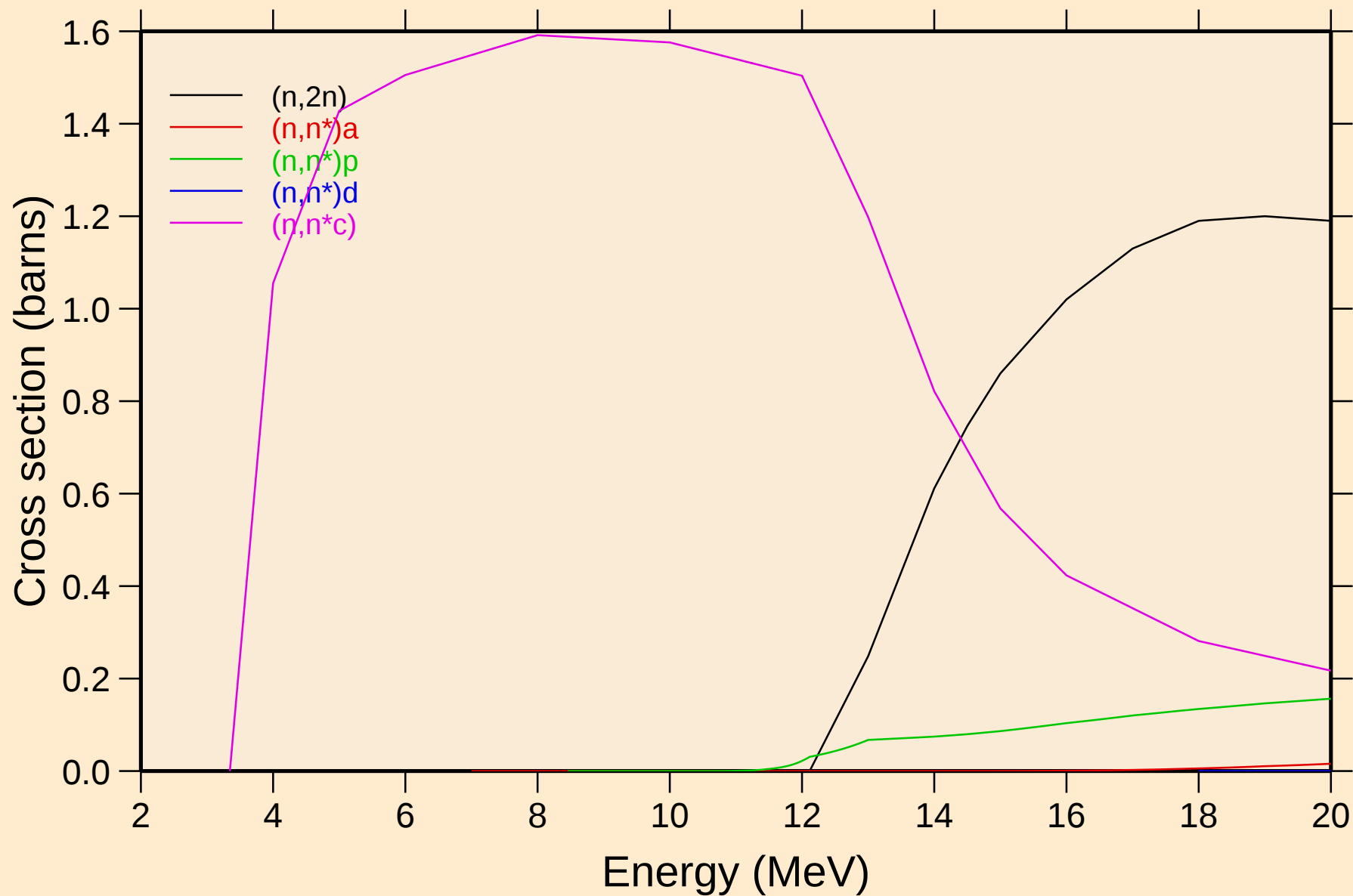
JEFF-3.1 ZR-90

Inelastic levels



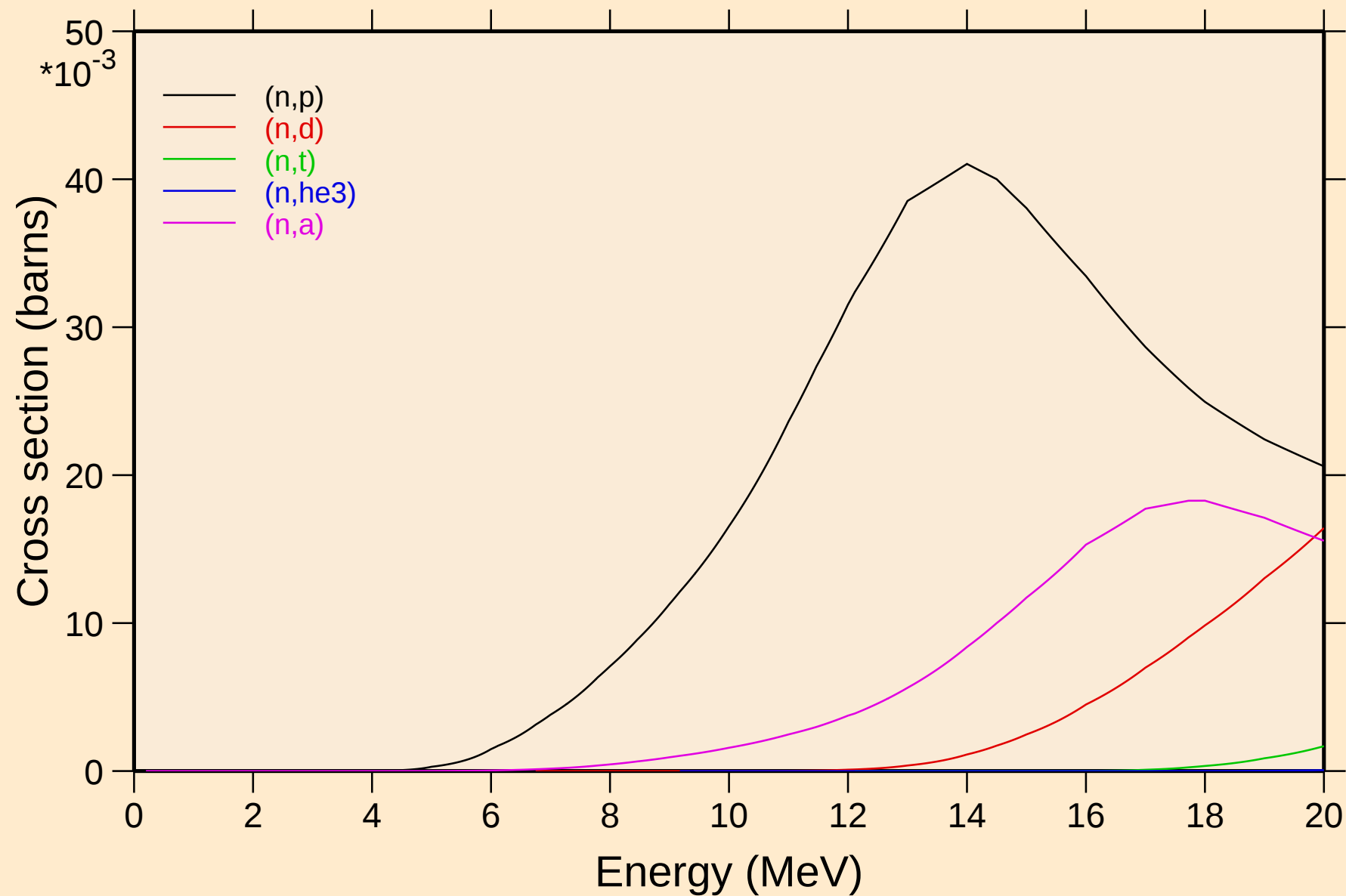
JEFF-3.1 ZR-90

Threshold reactions



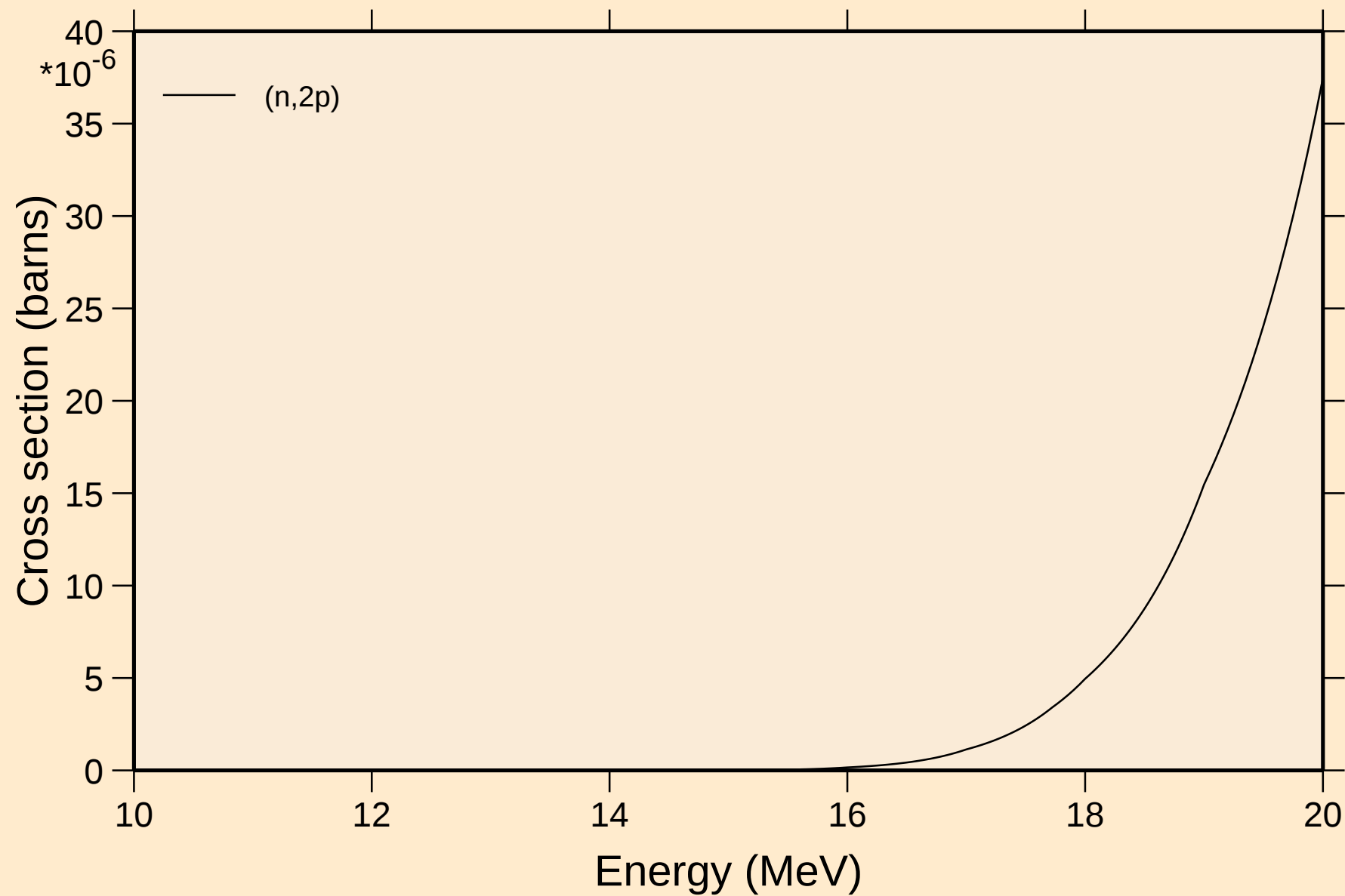
JEFF-3.1 ZR-90

Threshold reactions



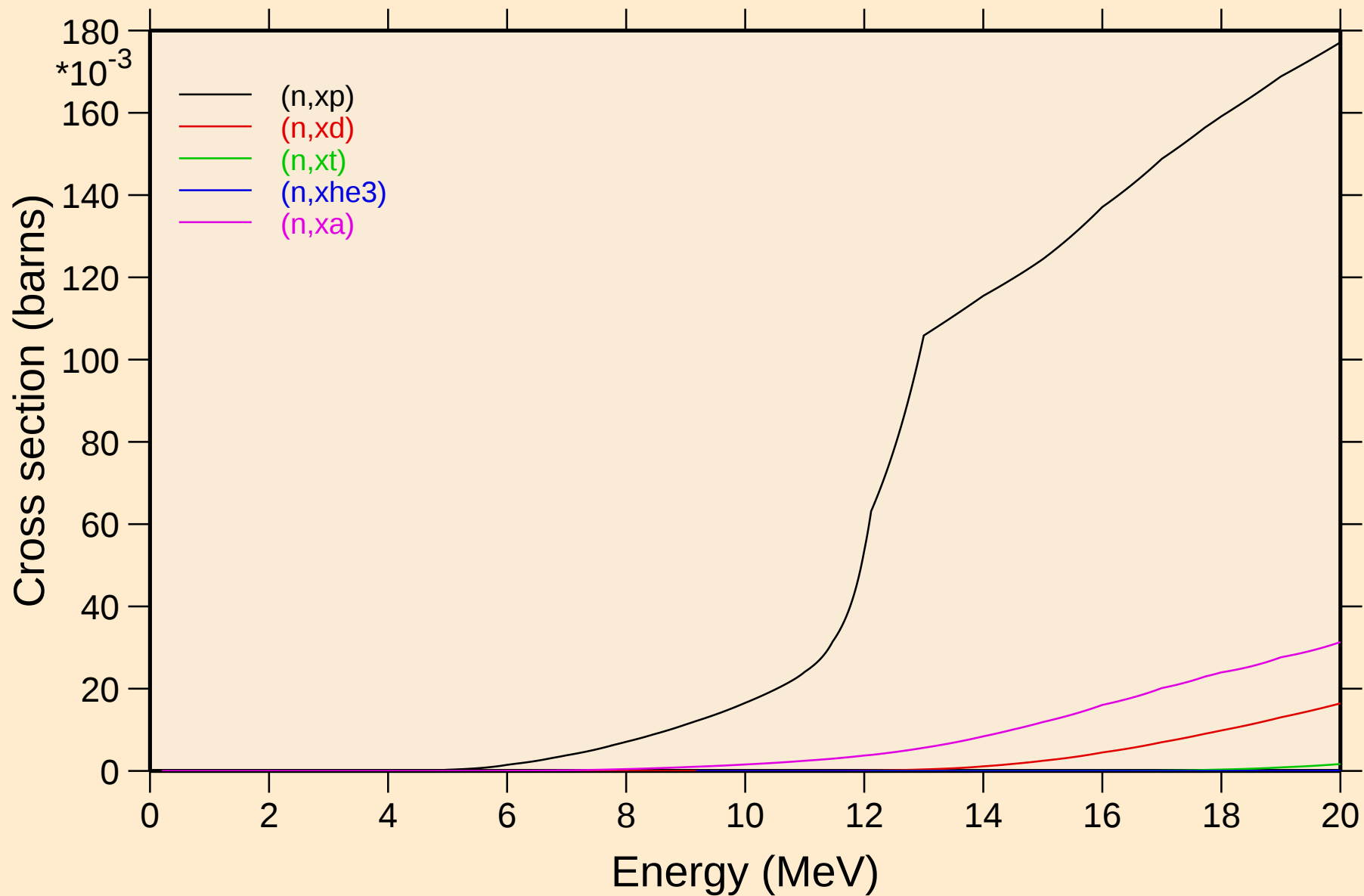
JEFF-3.1 ZR-90

Threshold reactions

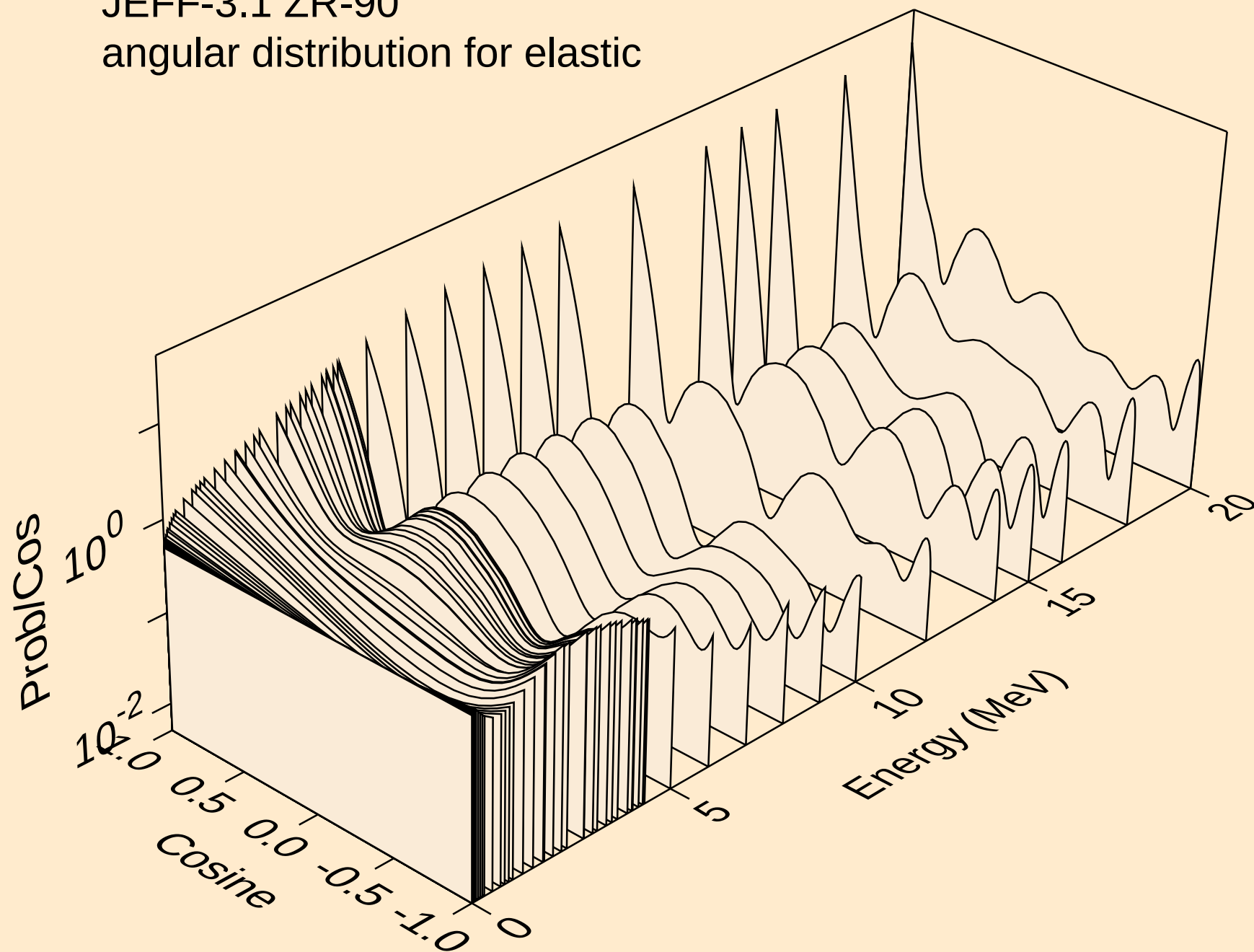


JEFF-3.1 ZR-90

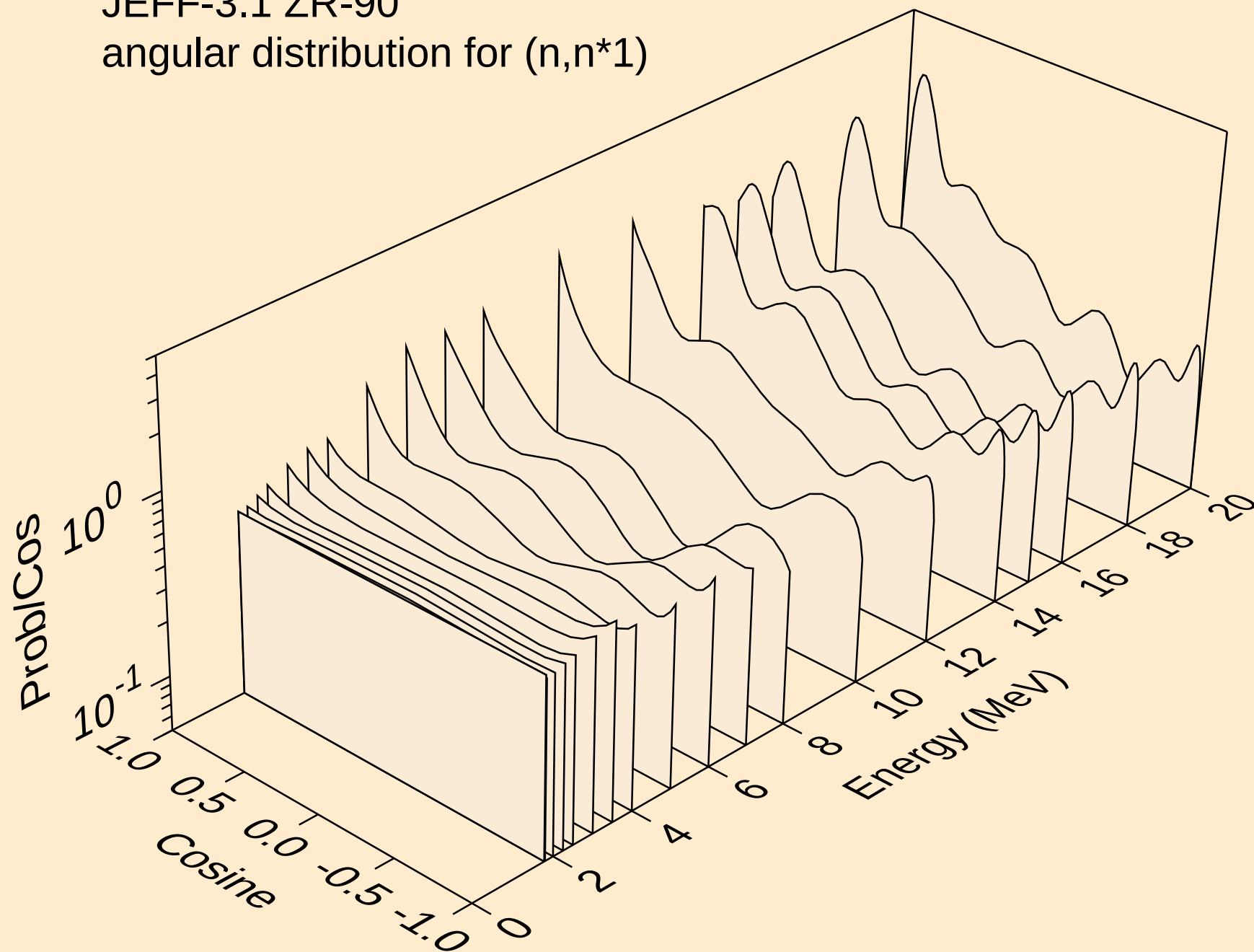
Threshold reactions



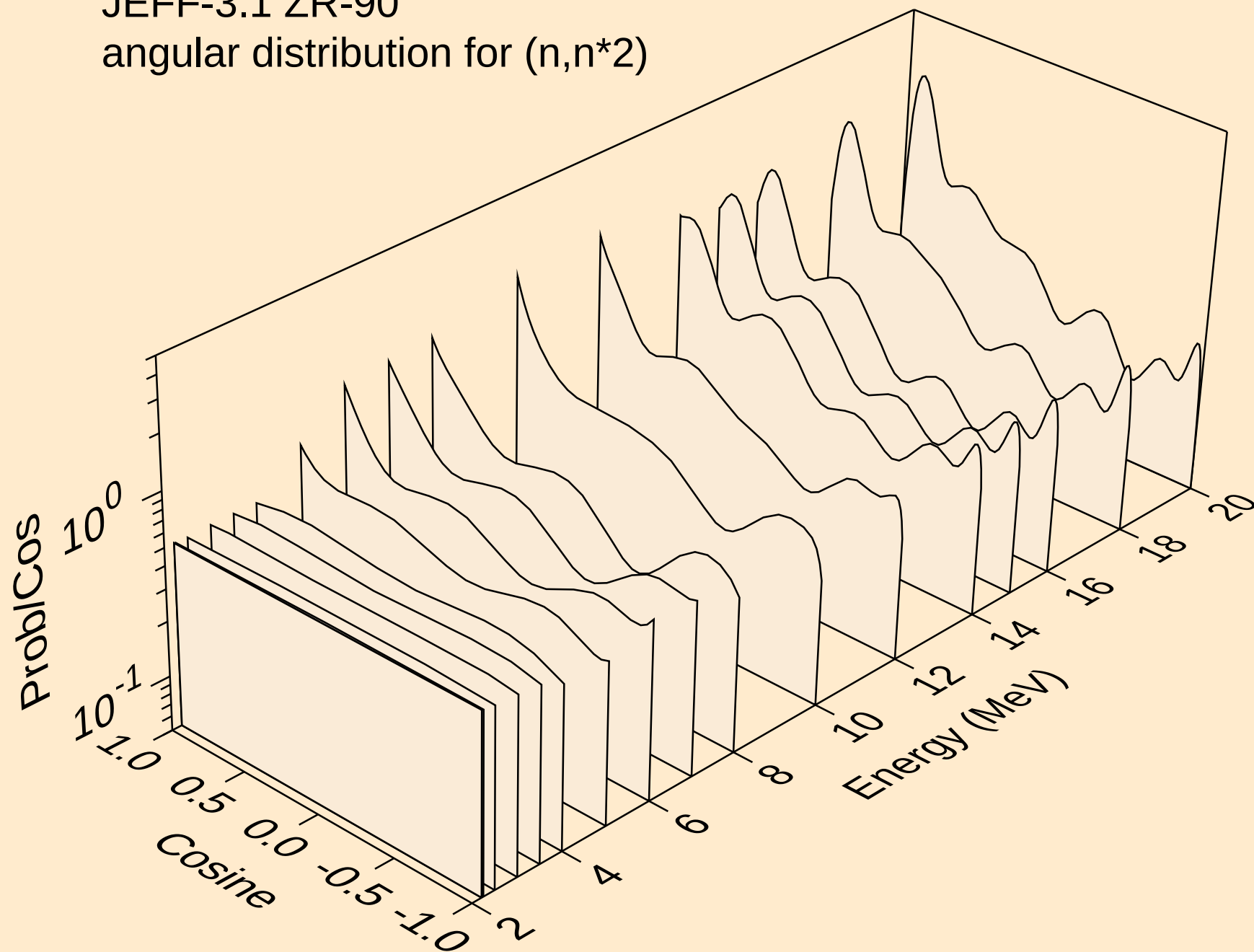
JEFF-3.1 ZR-90
angular distribution for elastic



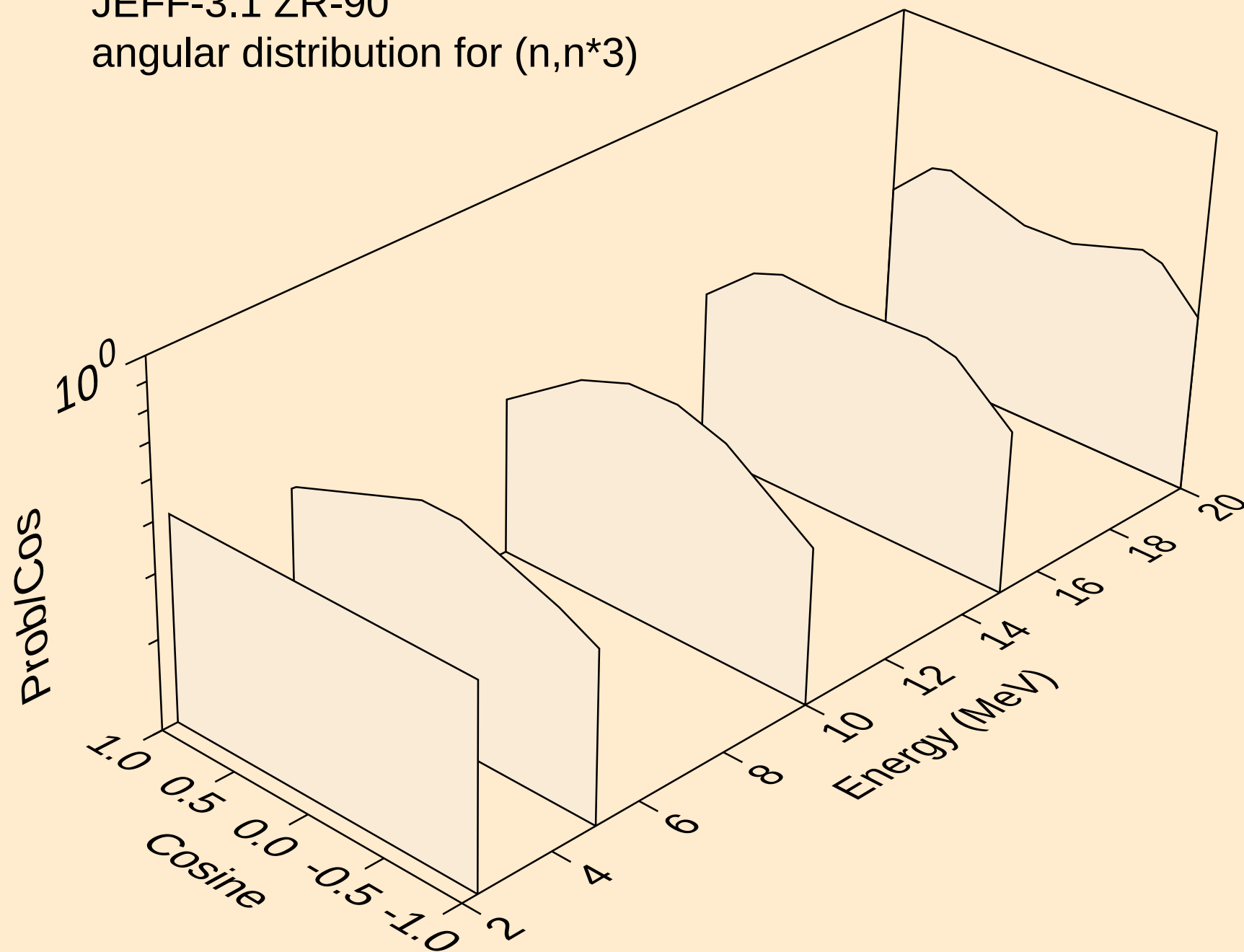
JEFF-3.1 ZR-90
angular distribution for (n,n*1)



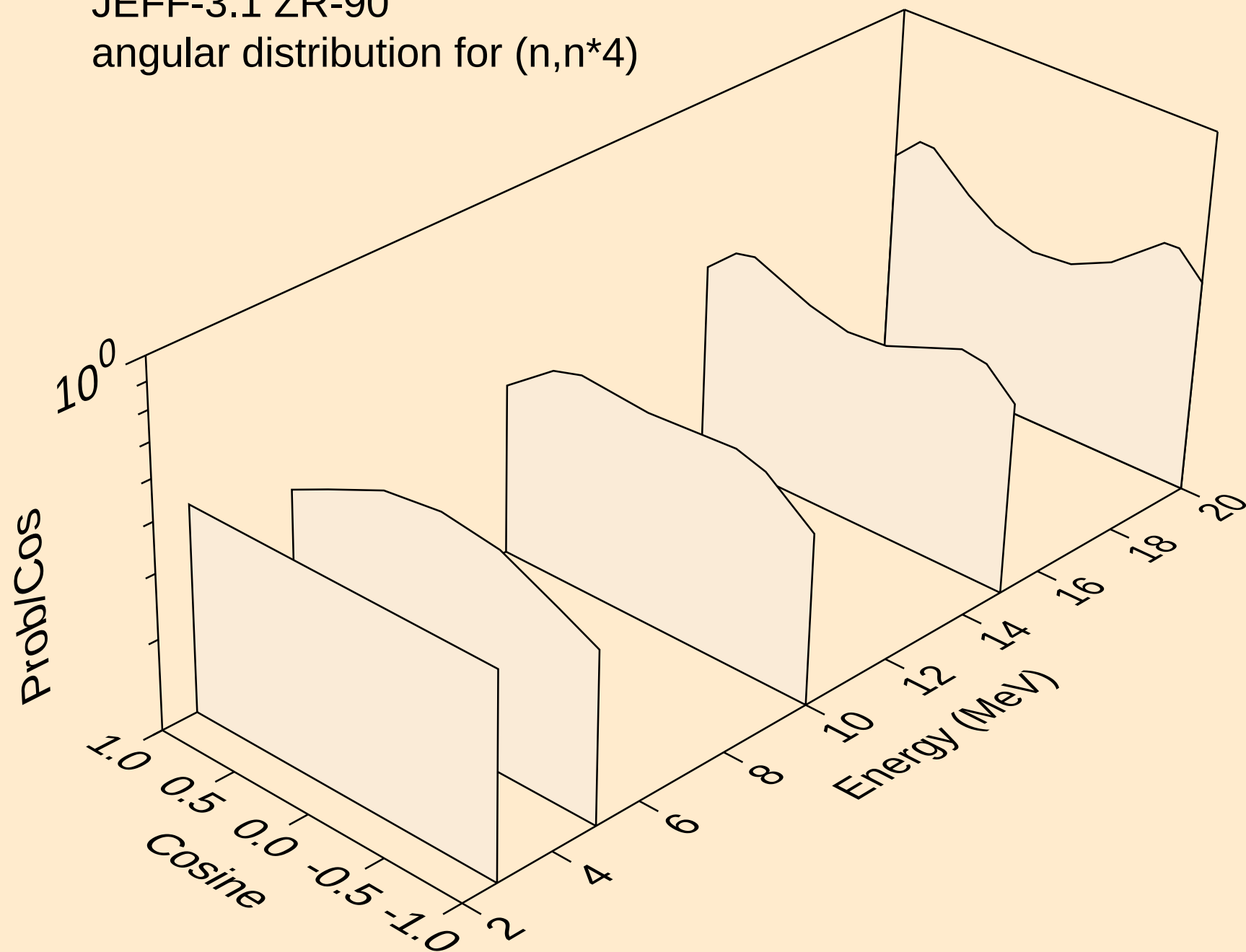
JEFF-3.1 ZR-90
angular distribution for (n,n*)



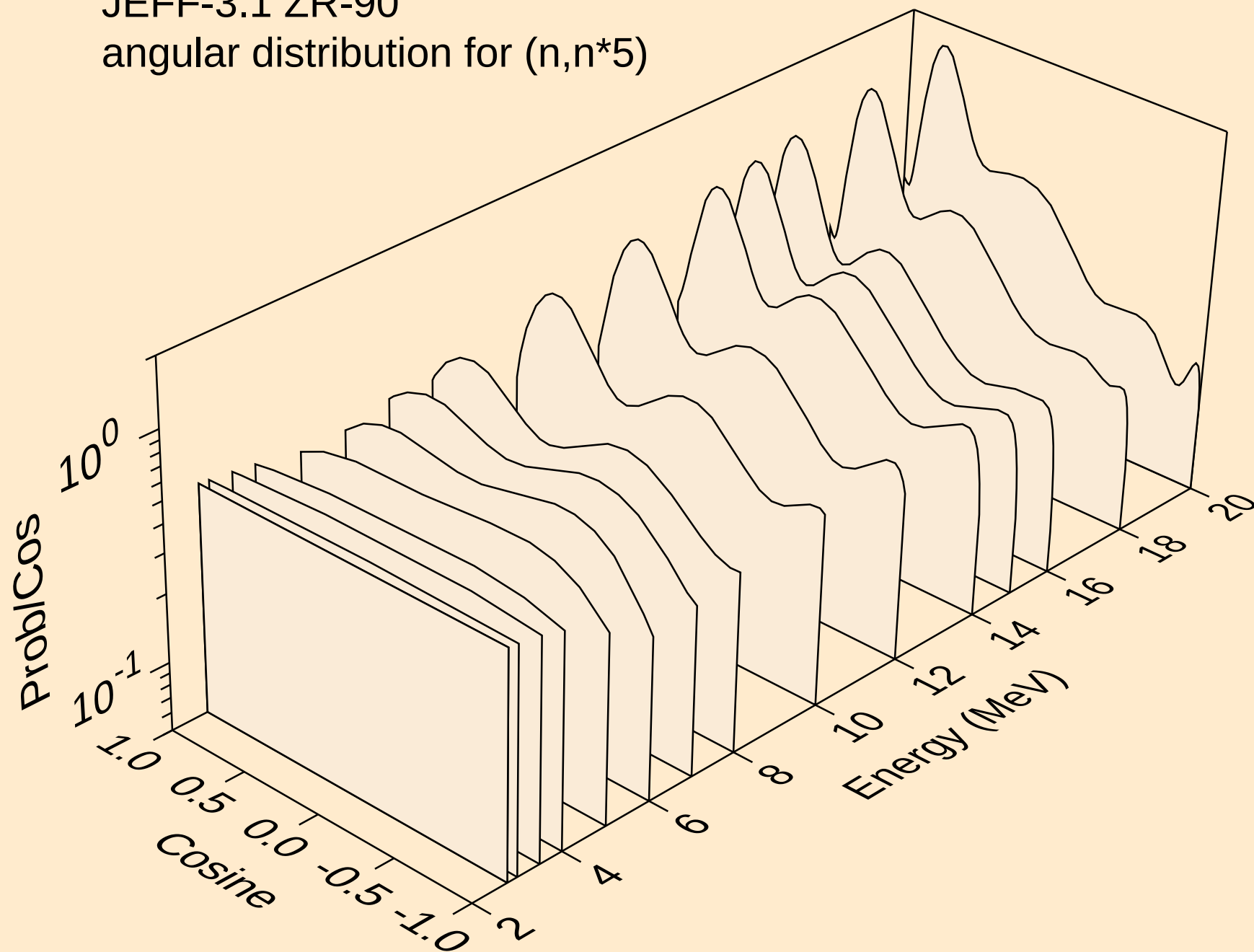
JEFF-3.1 ZR-90
angular distribution for (n,n*3)



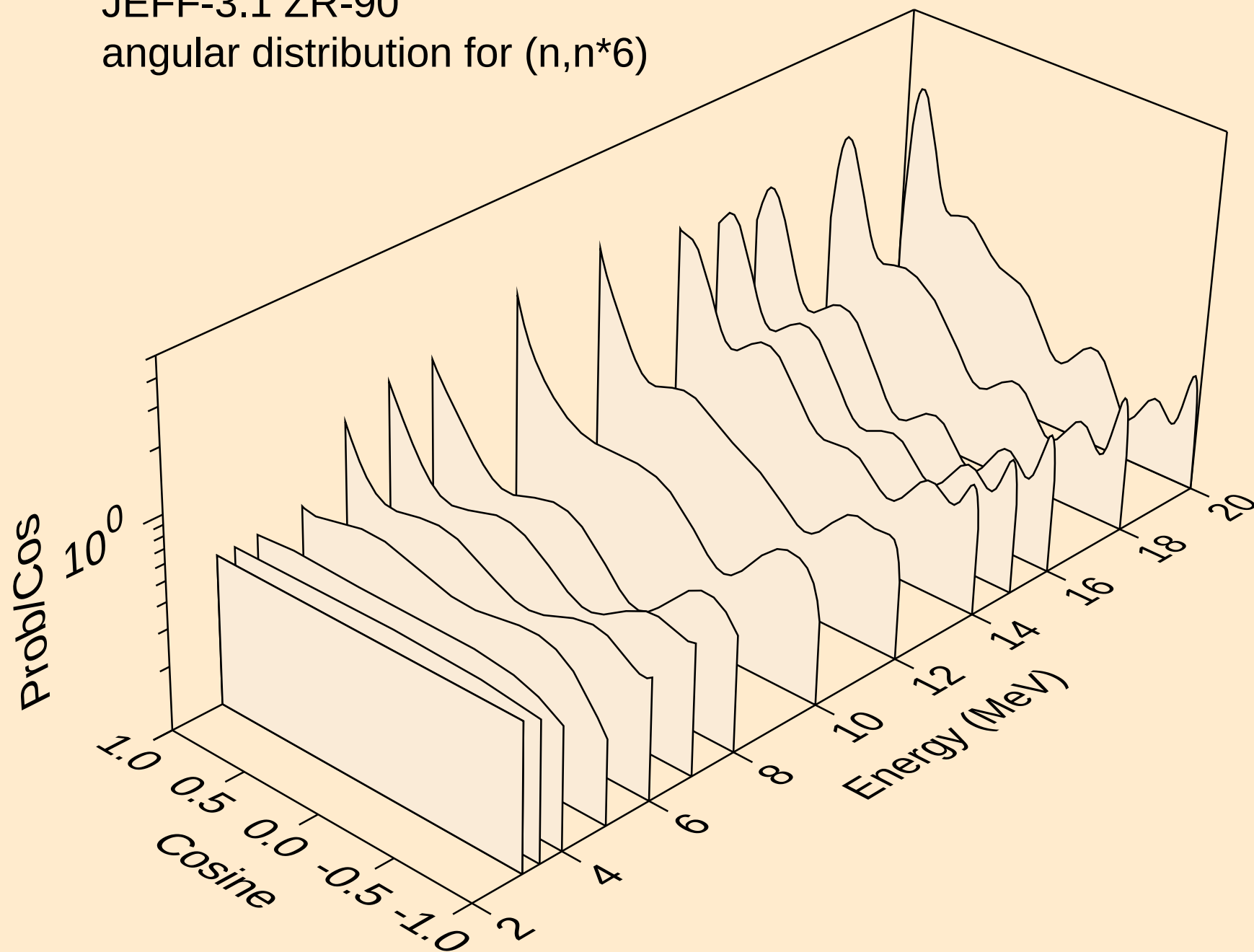
JEFF-3.1 ZR-90
angular distribution for (n,n*4)



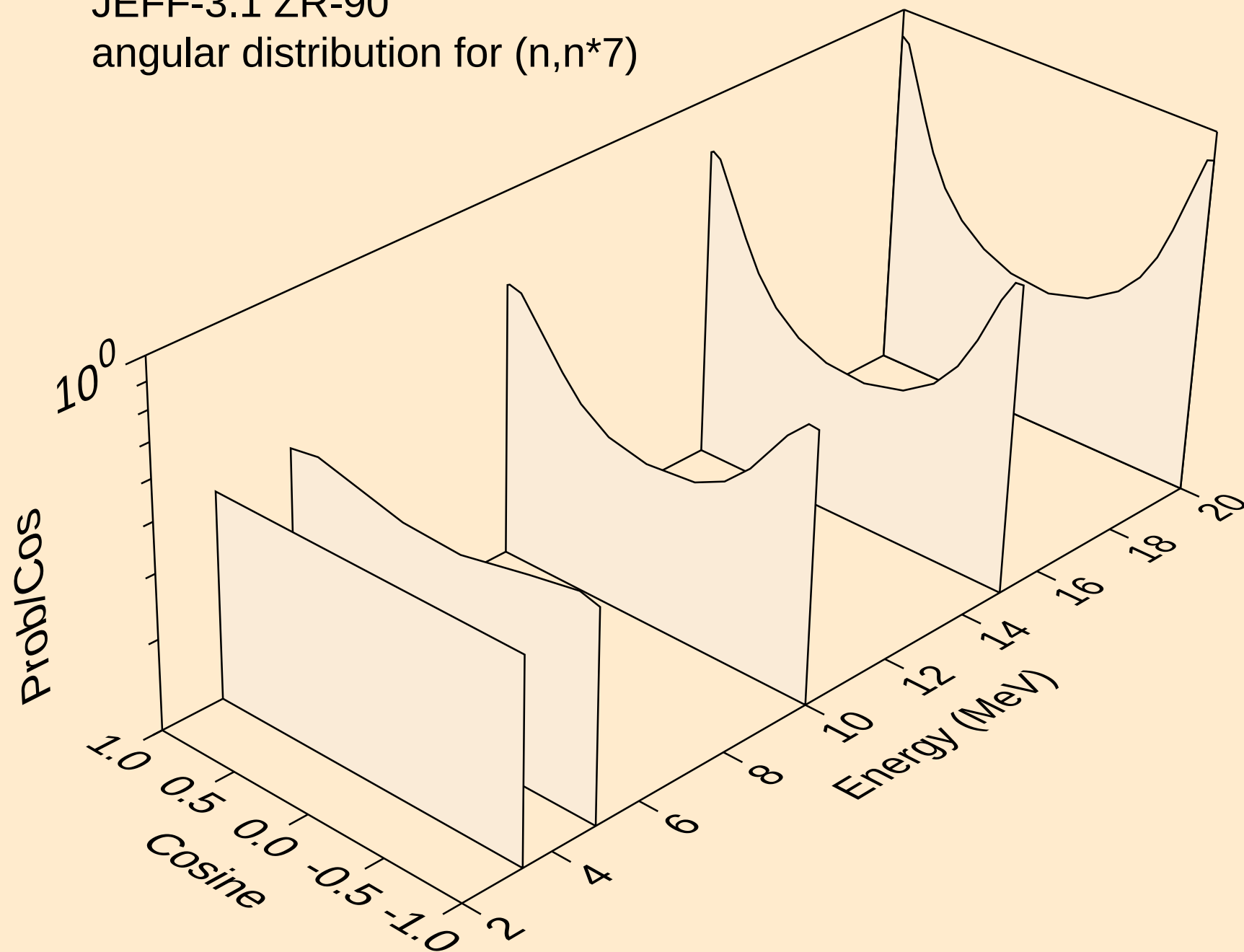
JEFF-3.1 ZR-90
angular distribution for (n,n*5)



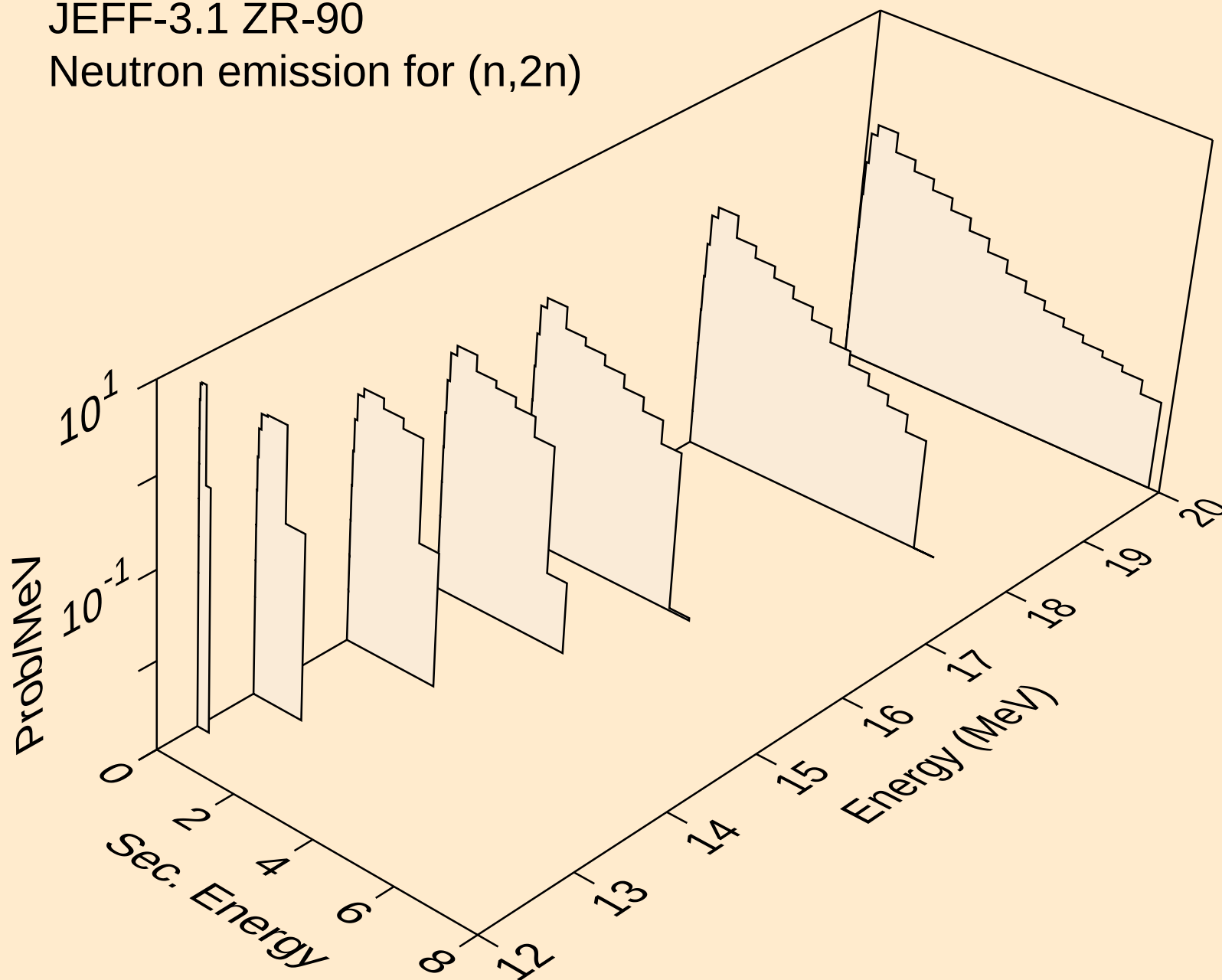
JEFF-3.1 ZR-90
angular distribution for (n,n*6)



JEFF-3.1 ZR-90
angular distribution for (n,n*7)

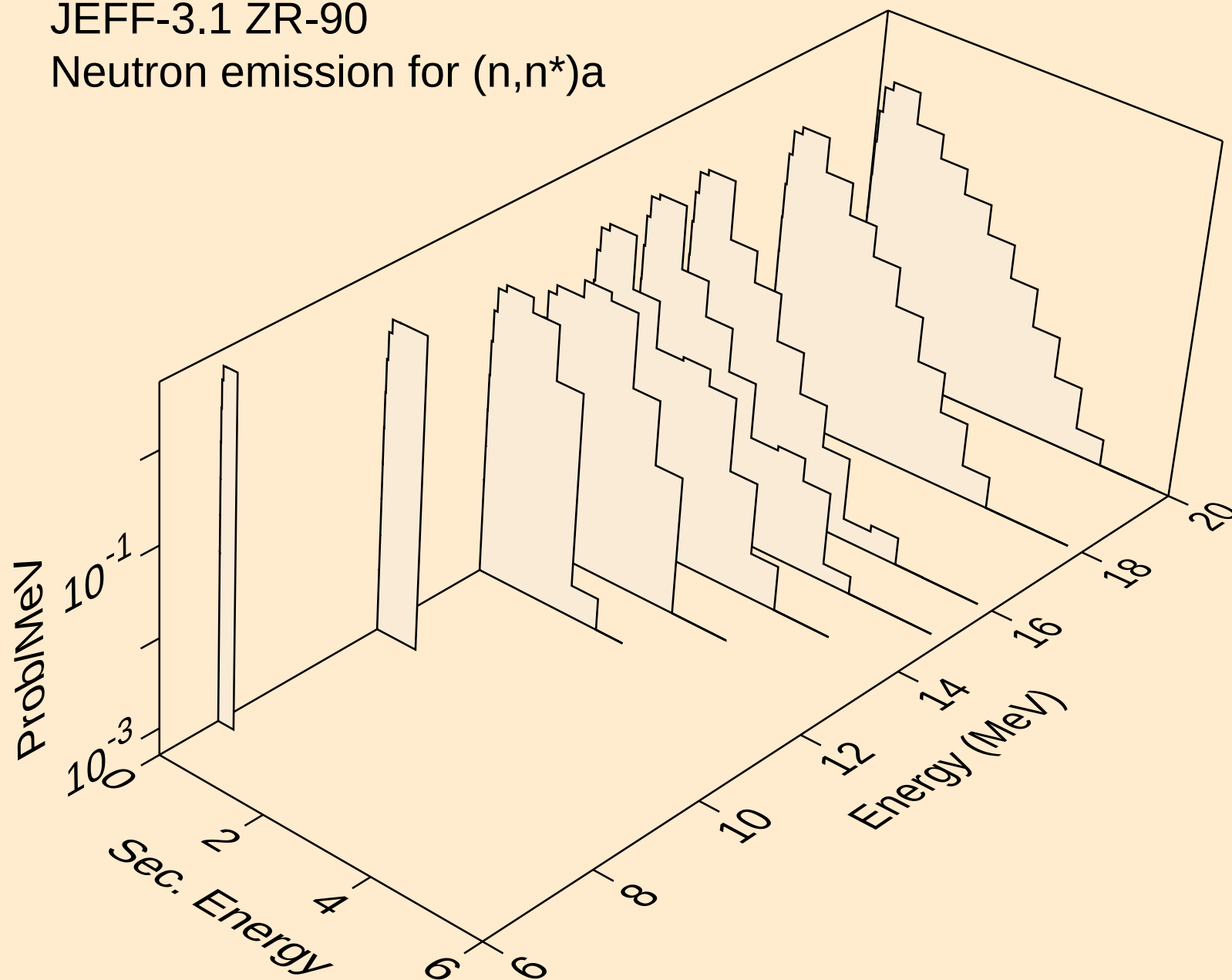


JEFF-3.1 ZR-90
Neutron emission for (n,2n)



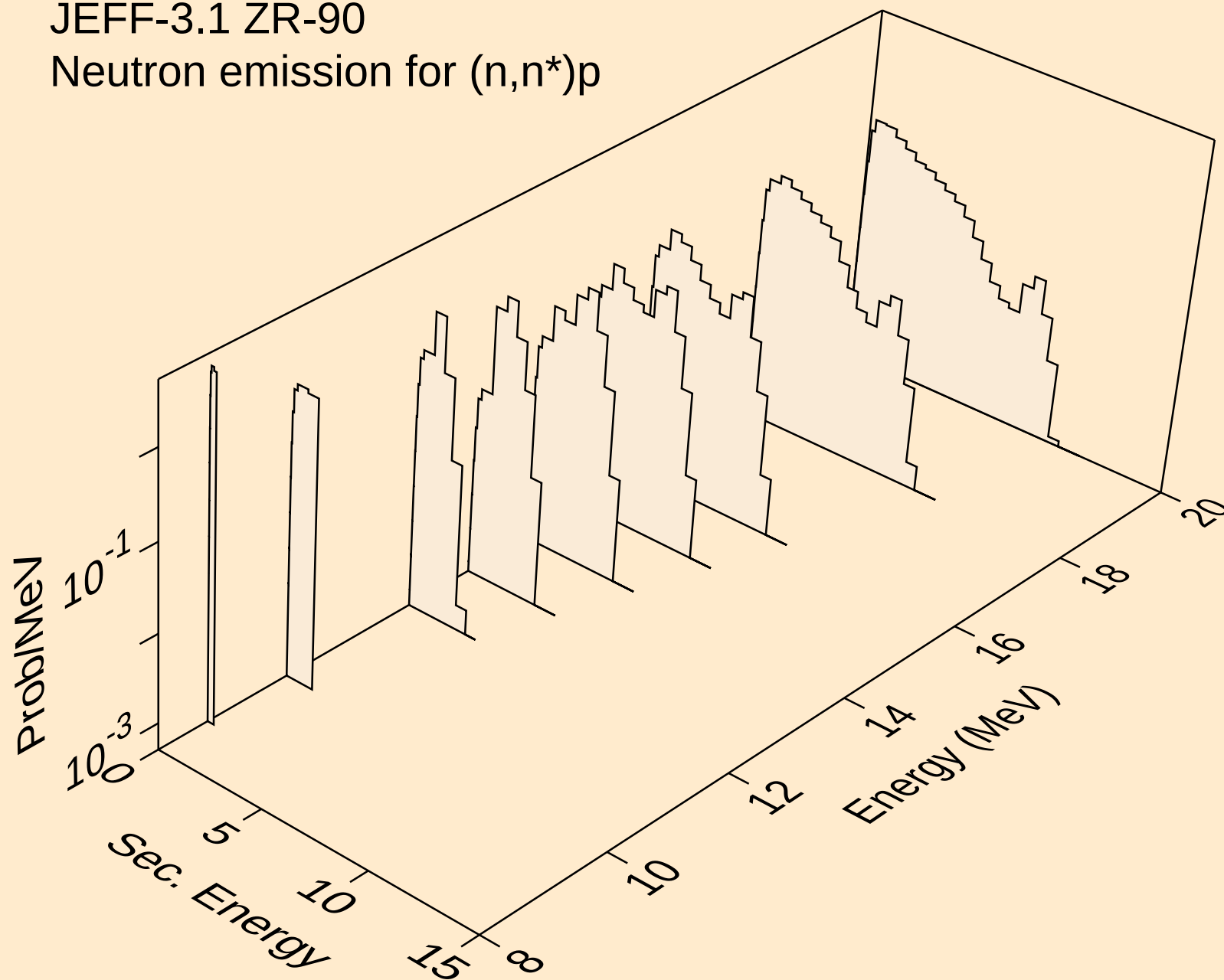
JEFF-3.1 ZR-90

Neutron emission for (n,n*)a



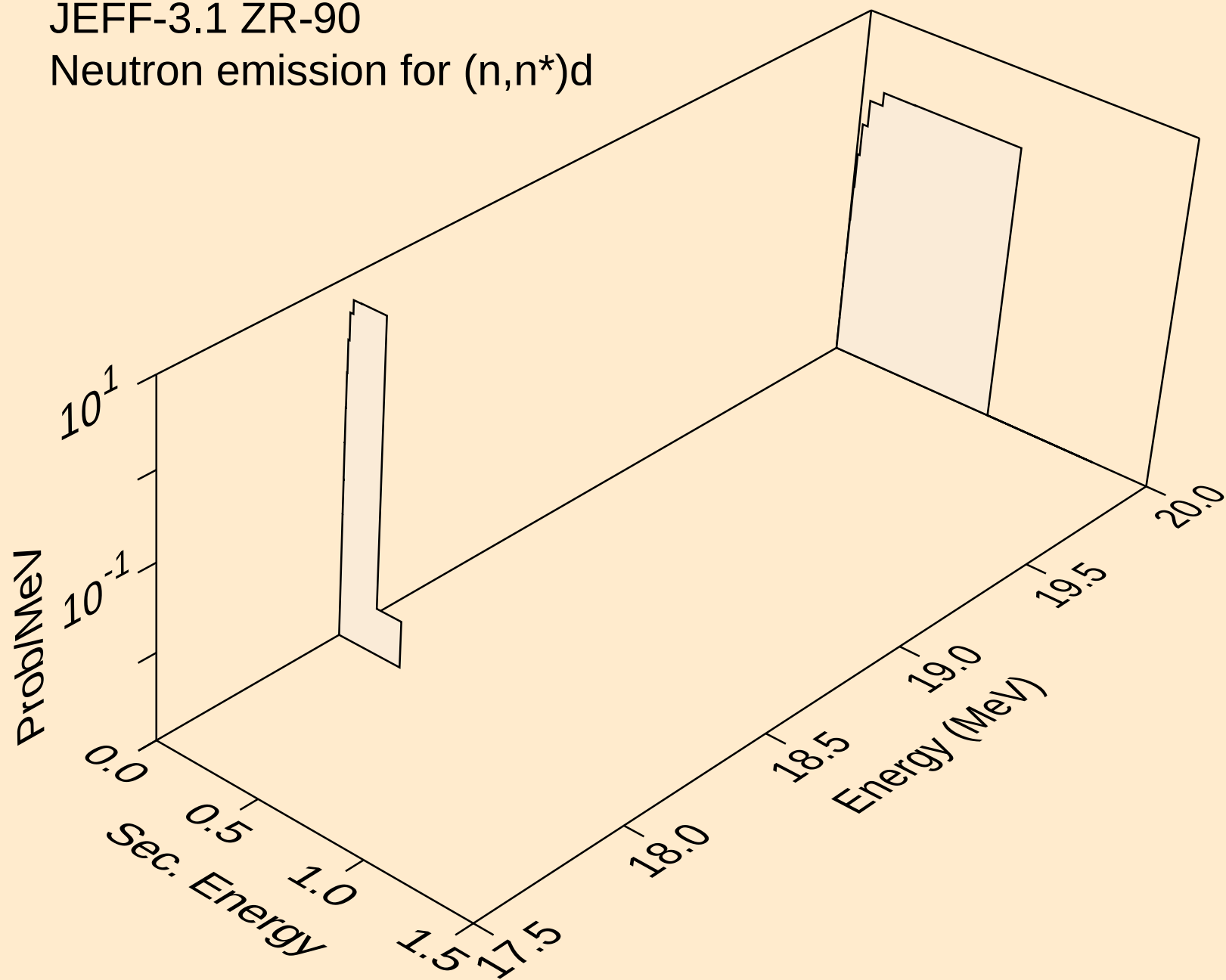
JEFF-3.1 ZR-90

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



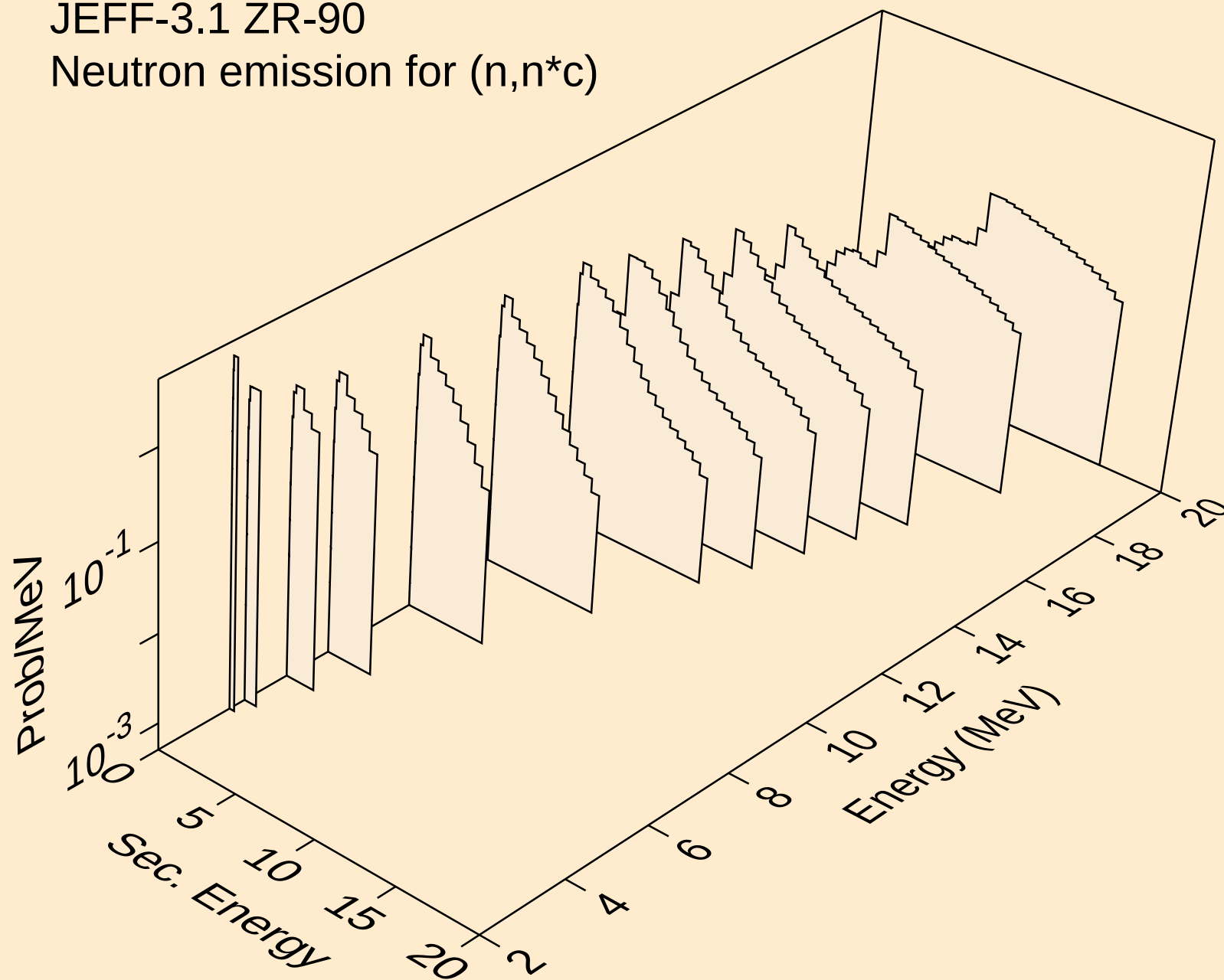
JEFF-3.1 ZR-90

Neutron emission for (n,n*)d



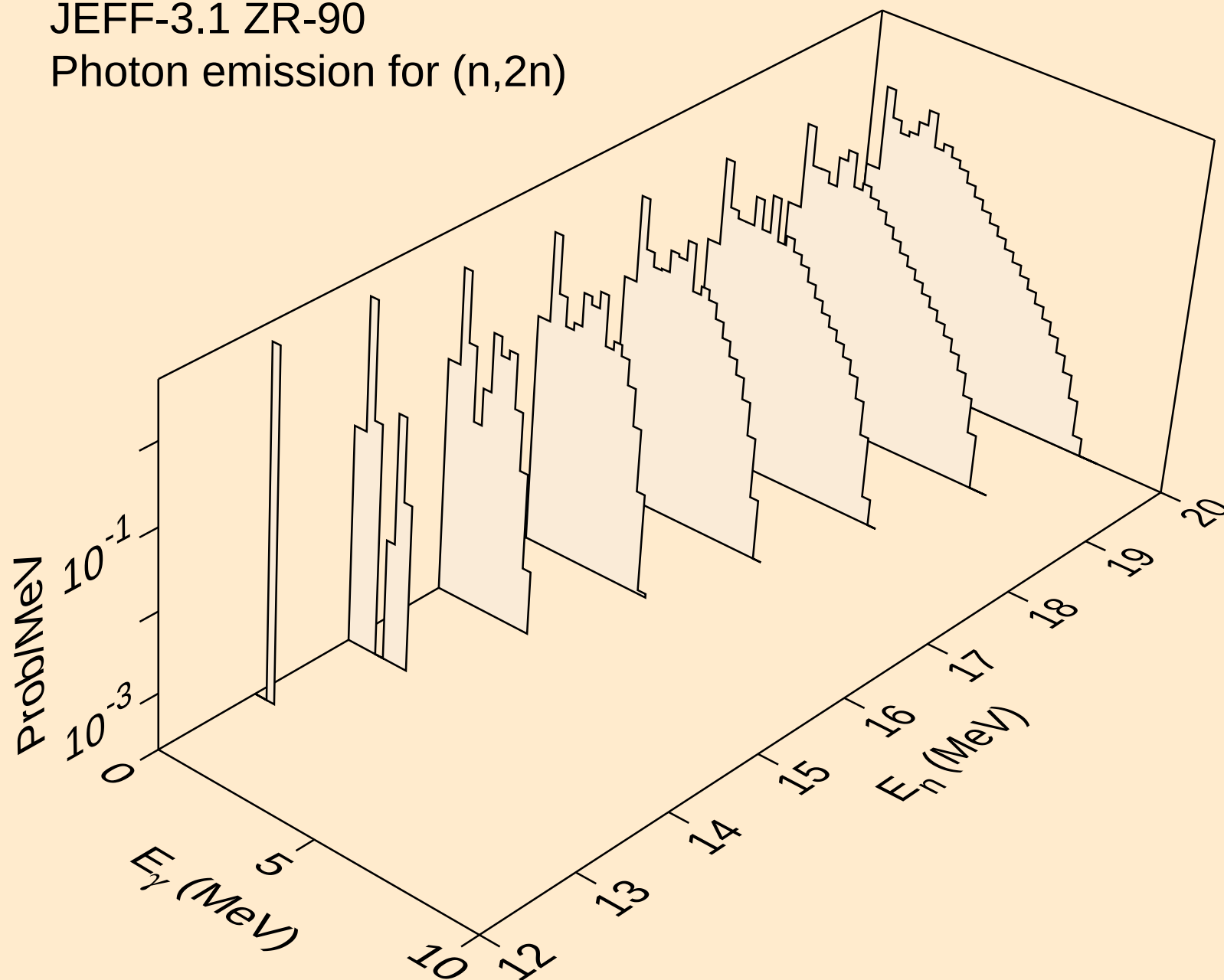
JEFF-3.1 ZR-90

Neutron emission for (n,n*c)



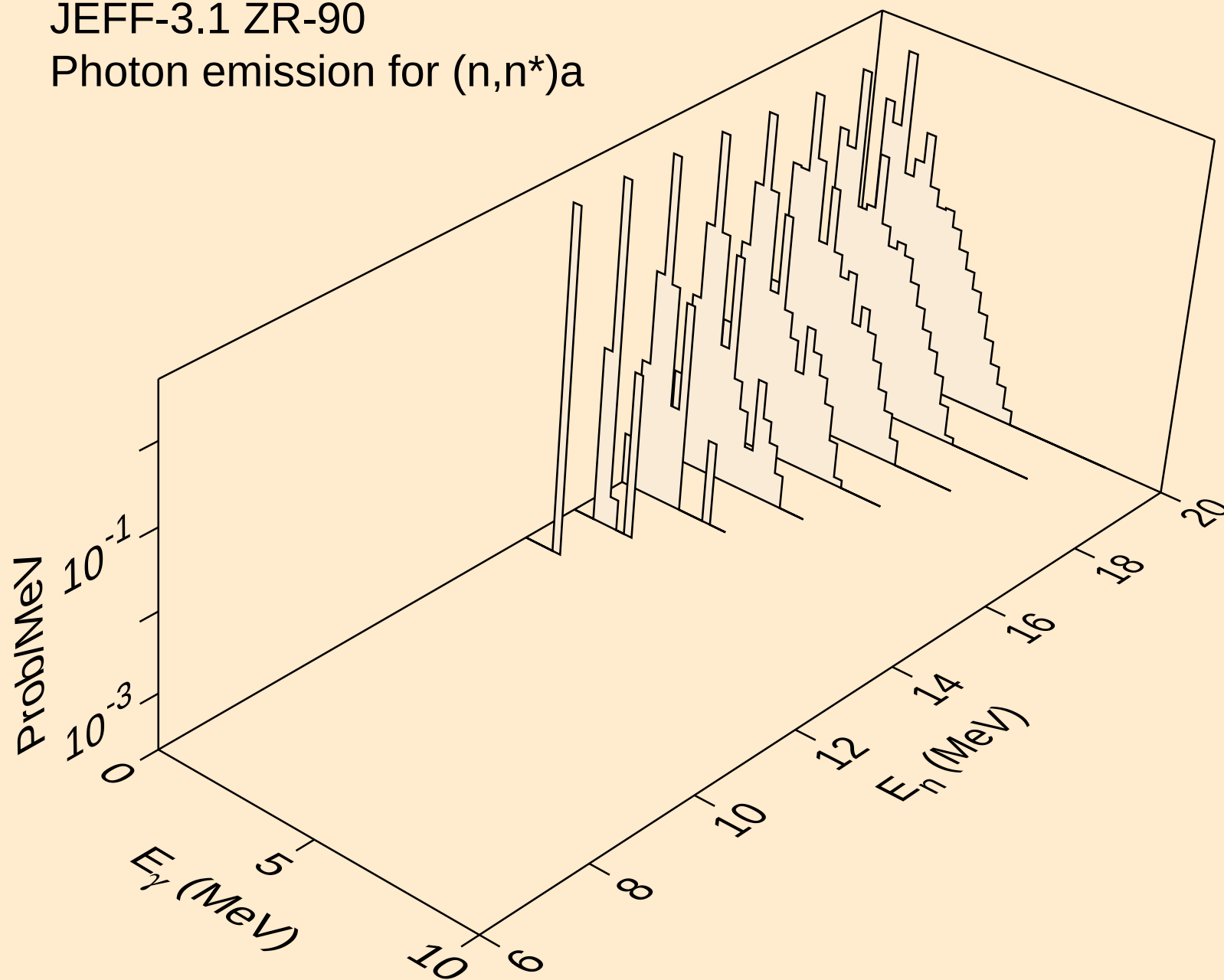
JEFF-3.1 ZR-90

Photon emission for (n,2n)



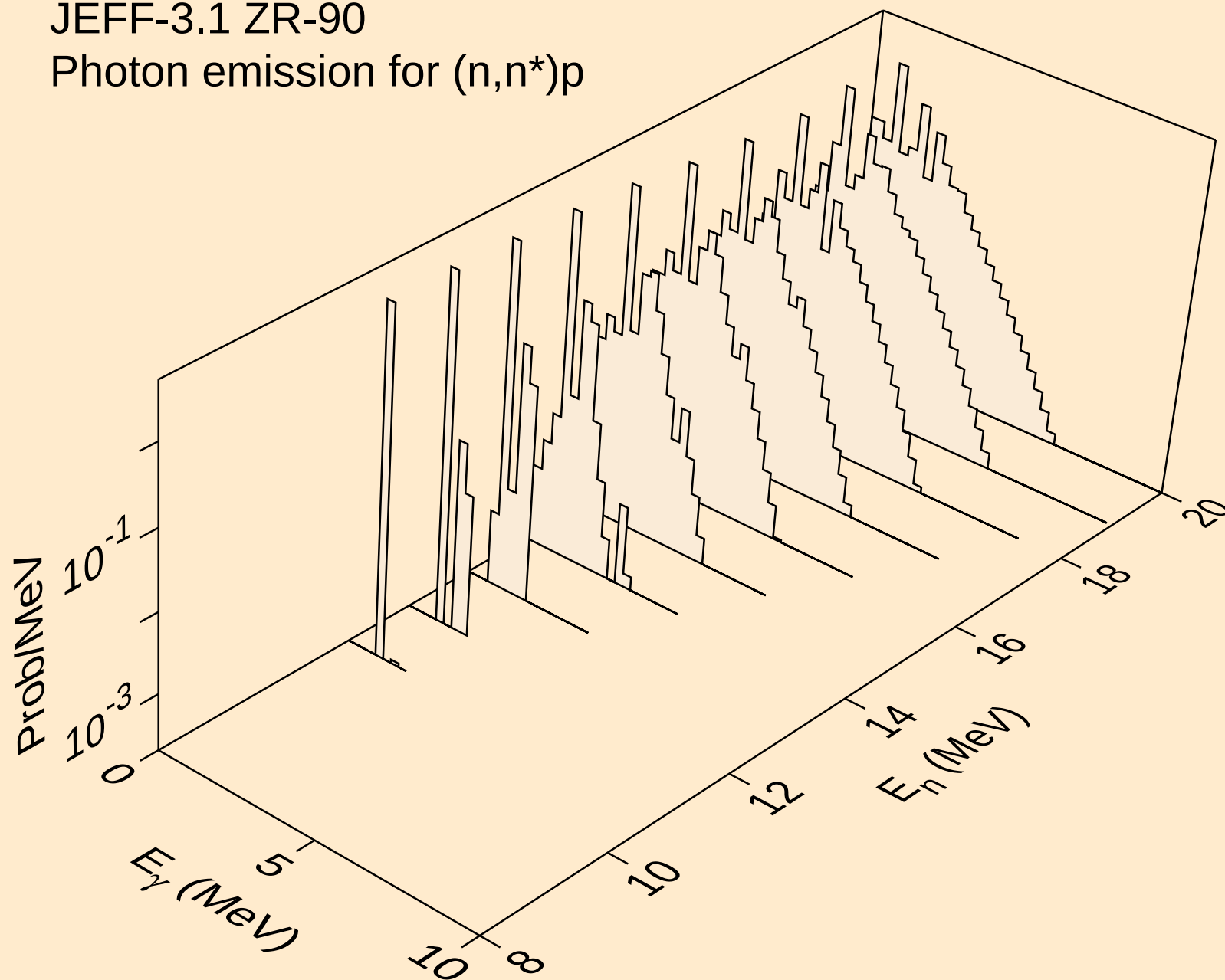
JEFF-3.1 ZR-90

Photon emission for (n,n*)a



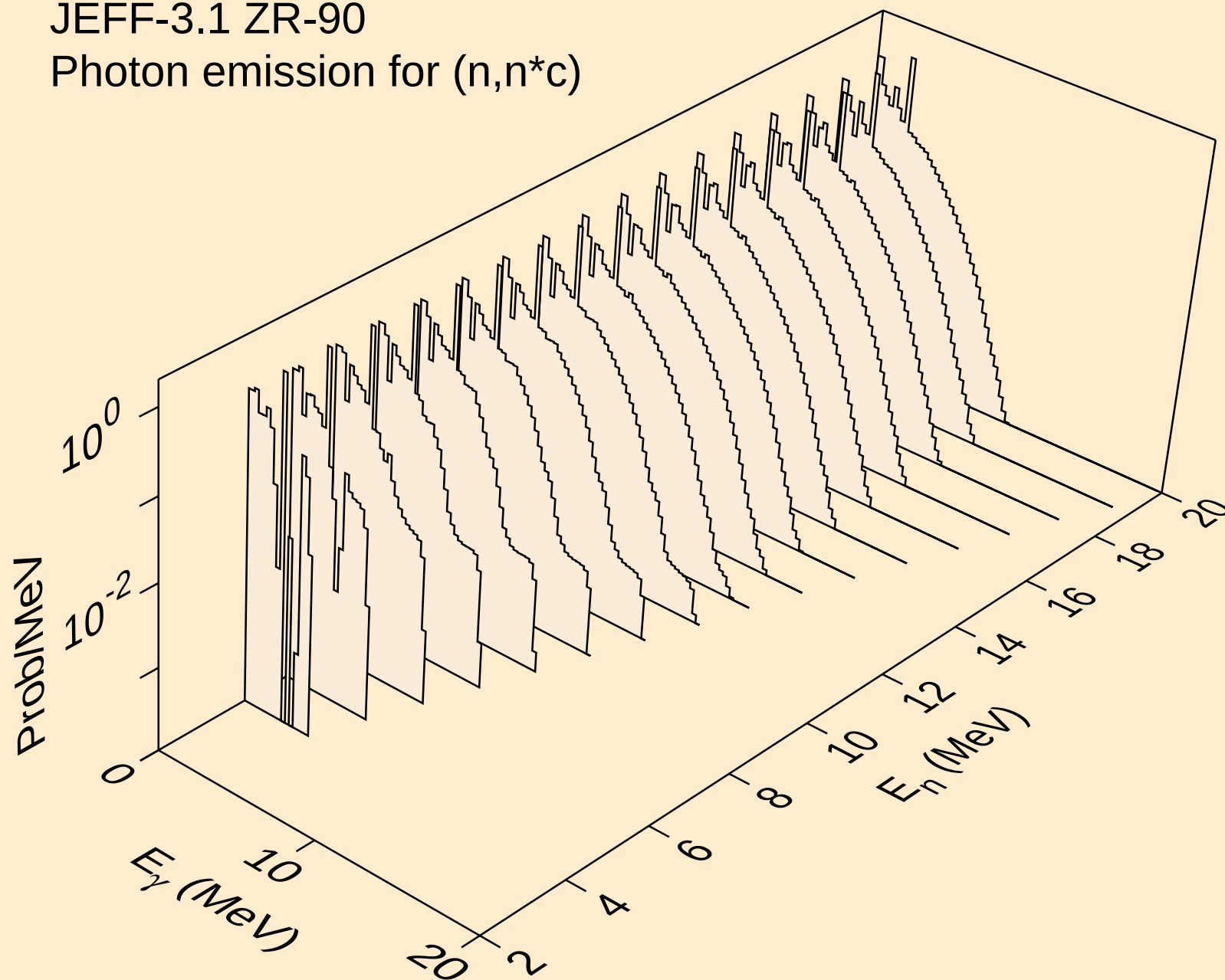
JEFF-3.1 ZR-90

Photon emission for (n,n*)p



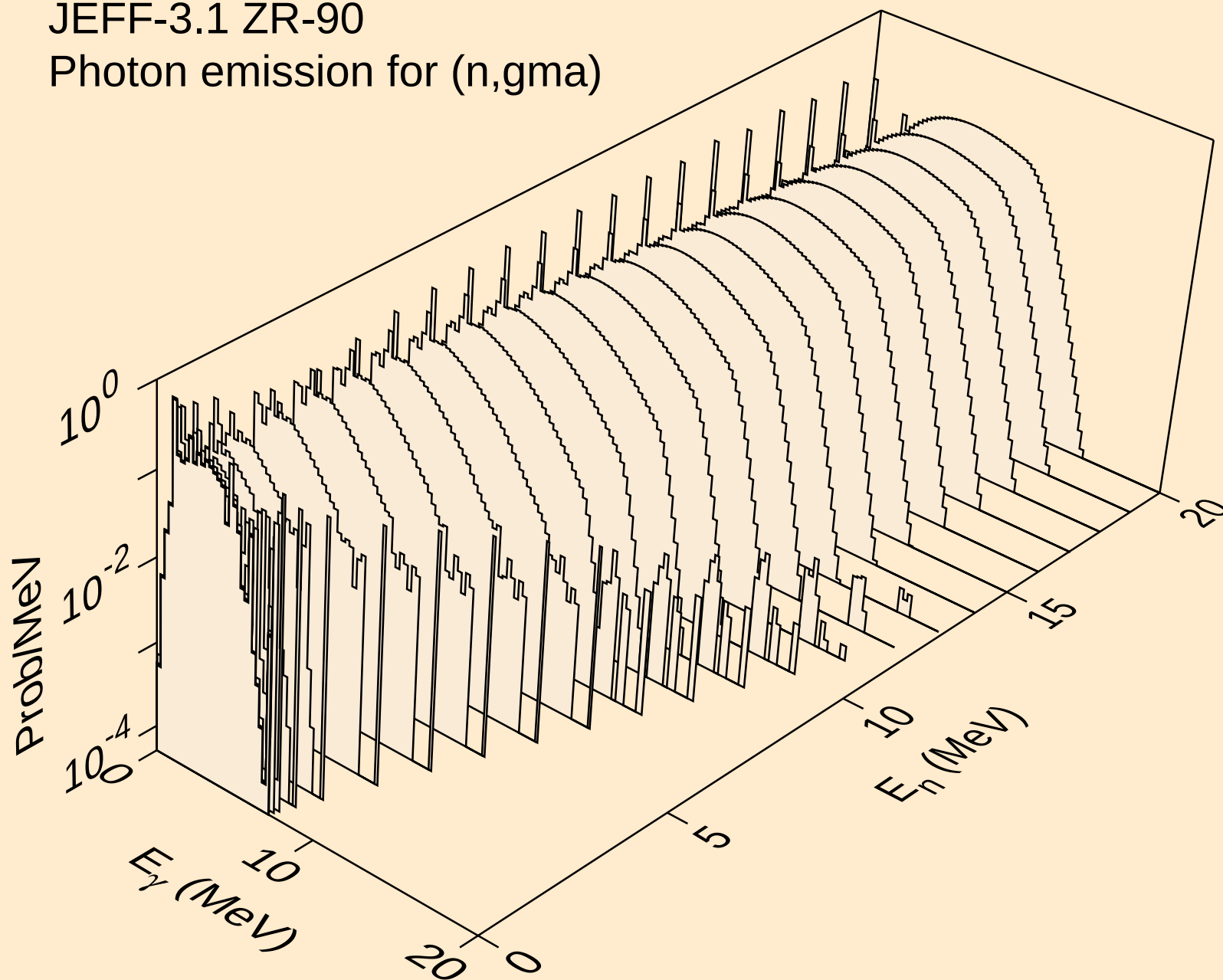
JEFF-3.1 ZR-90

Photon emission for (n,n*c)



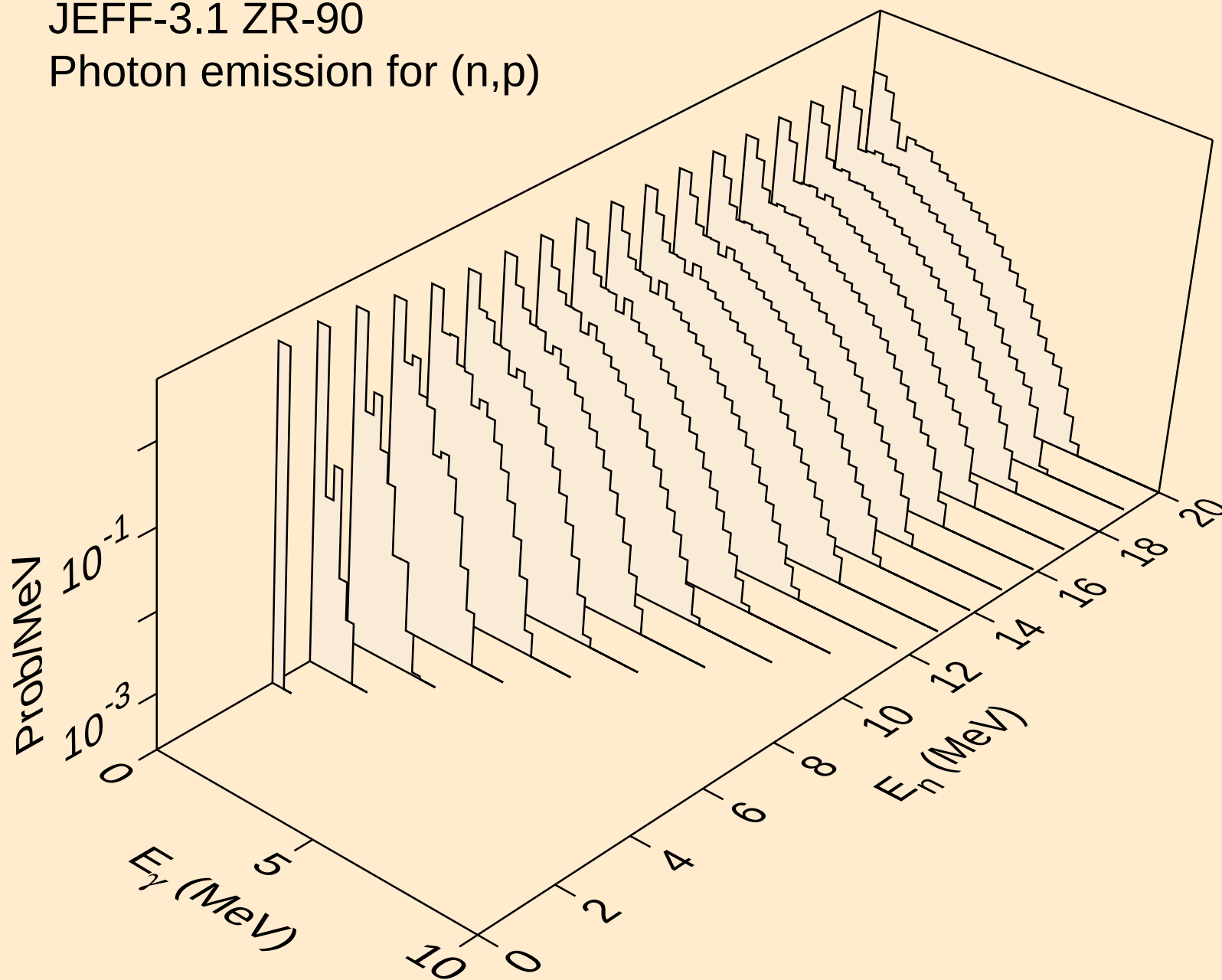
JEFF-3.1 ZR-90

Photon emission for (n,gma)



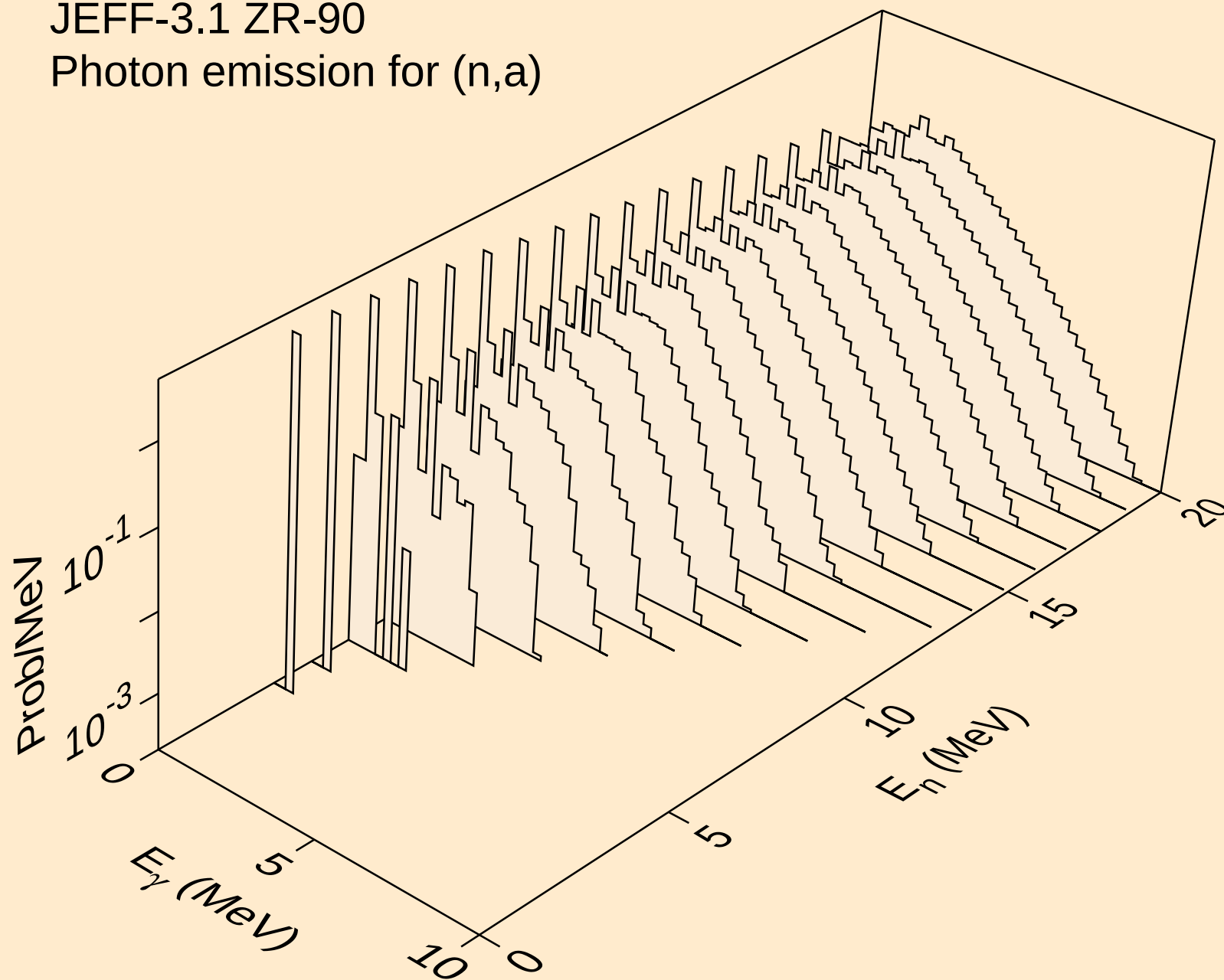
JEFF-3.1 ZR-90

Photon emission for (n,p)

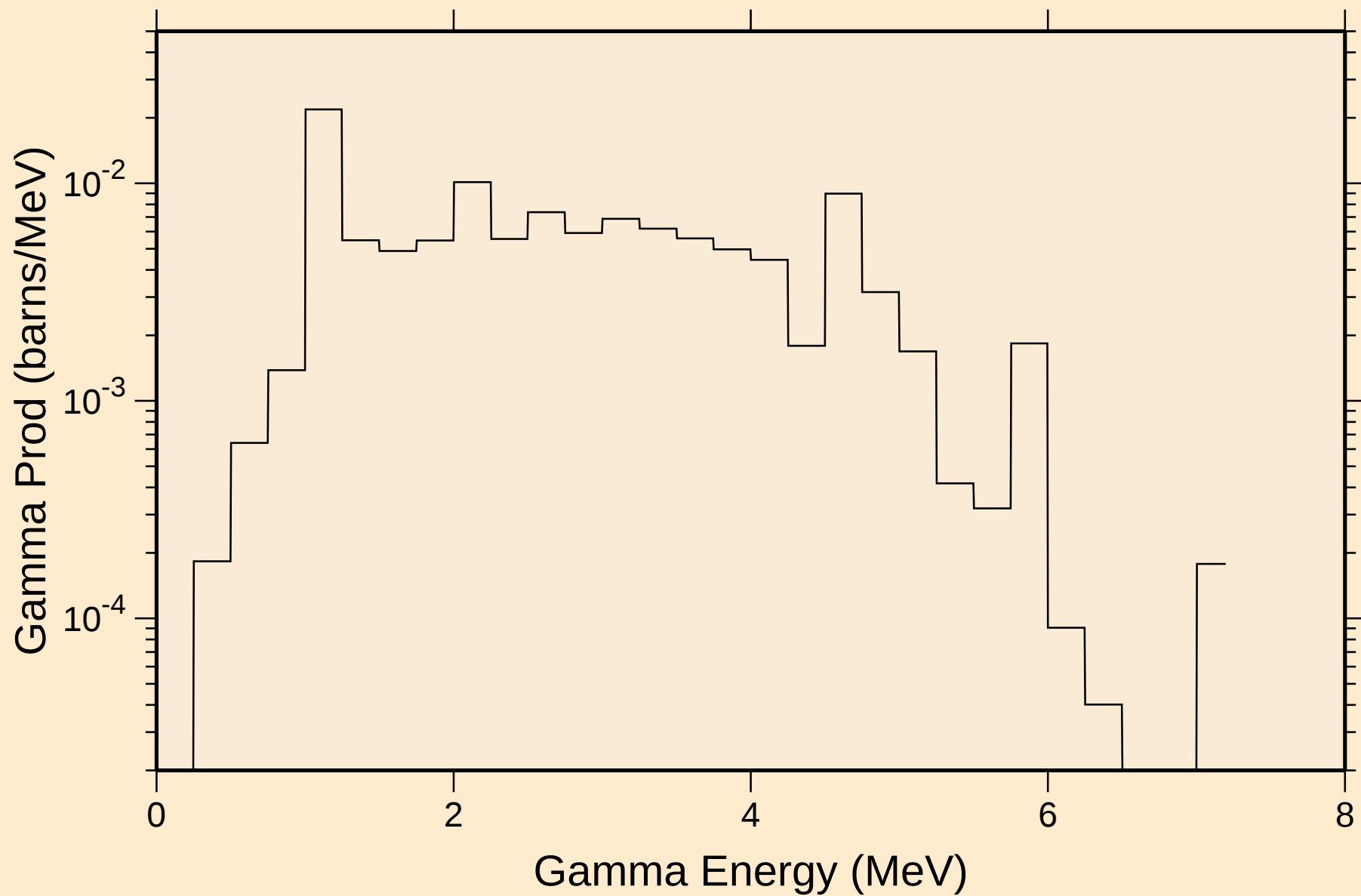


JEFF-3.1 ZR-90

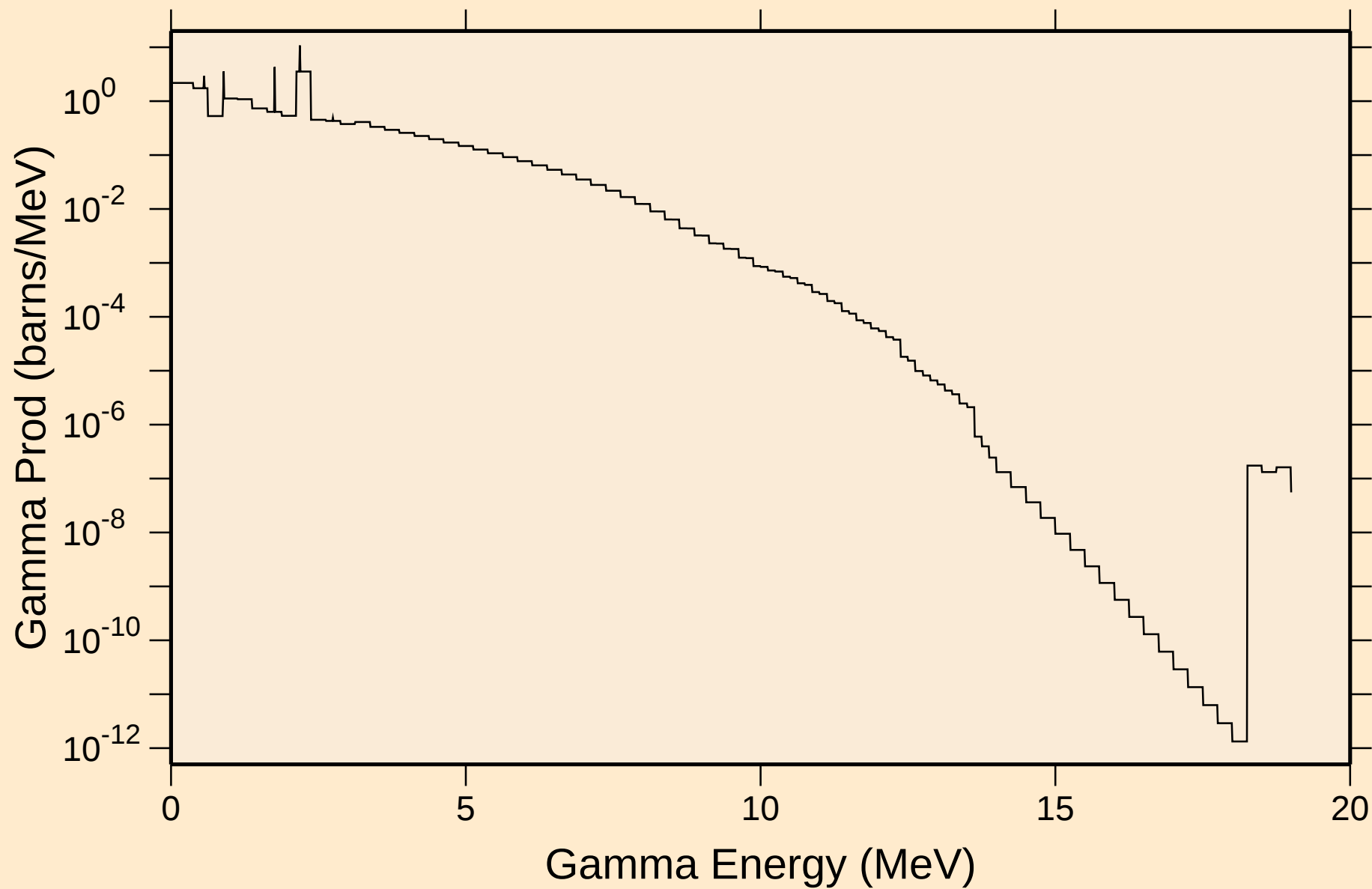
Photon emission for (n,a)



JEFF-3.1 ZR-90
thermal capture photon spectrum

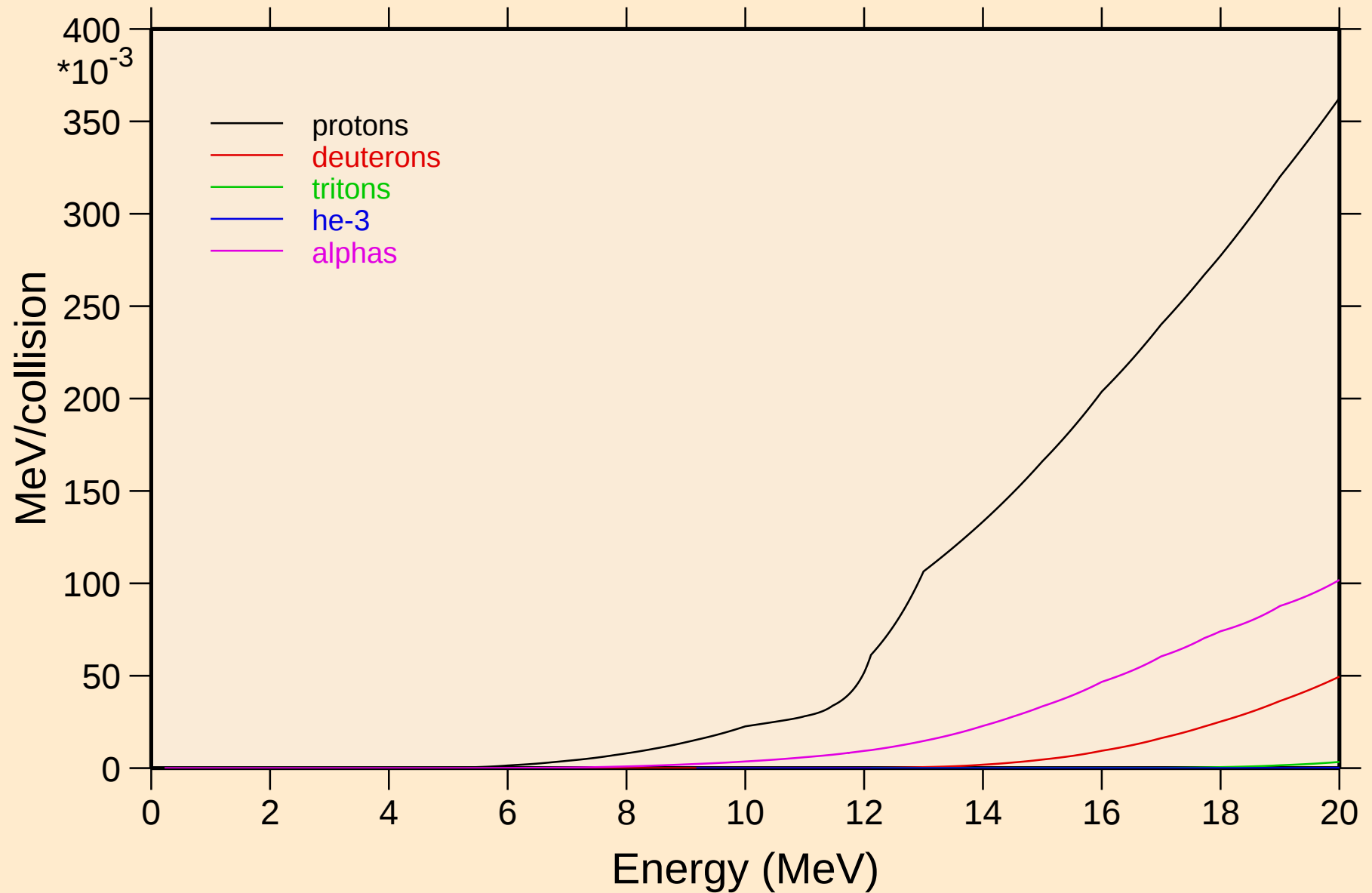


JEFF-3.1 ZR-90
14 MeV photon spectrum

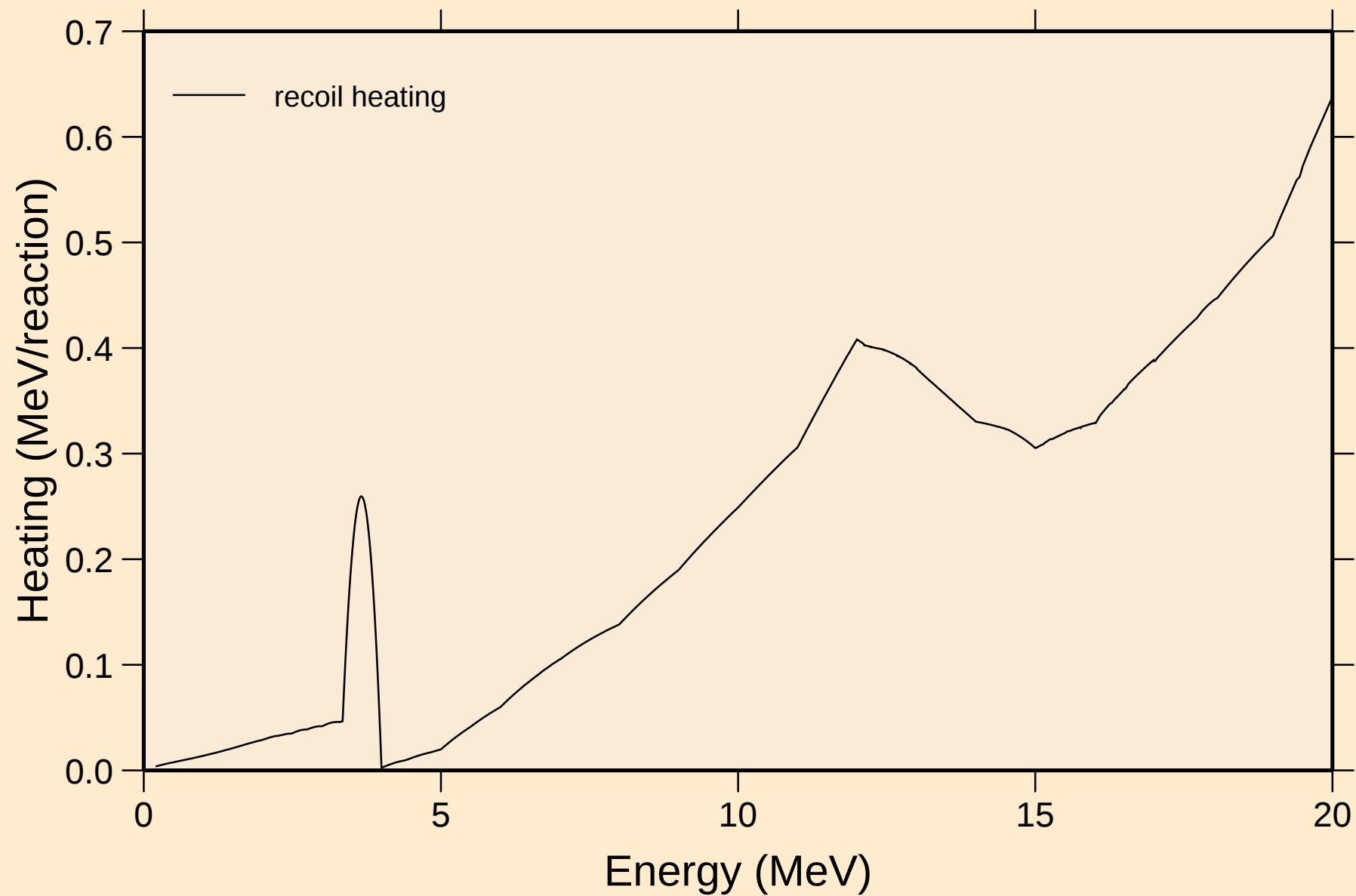


JEFF-3.1 ZR-90

Particle heating contributions

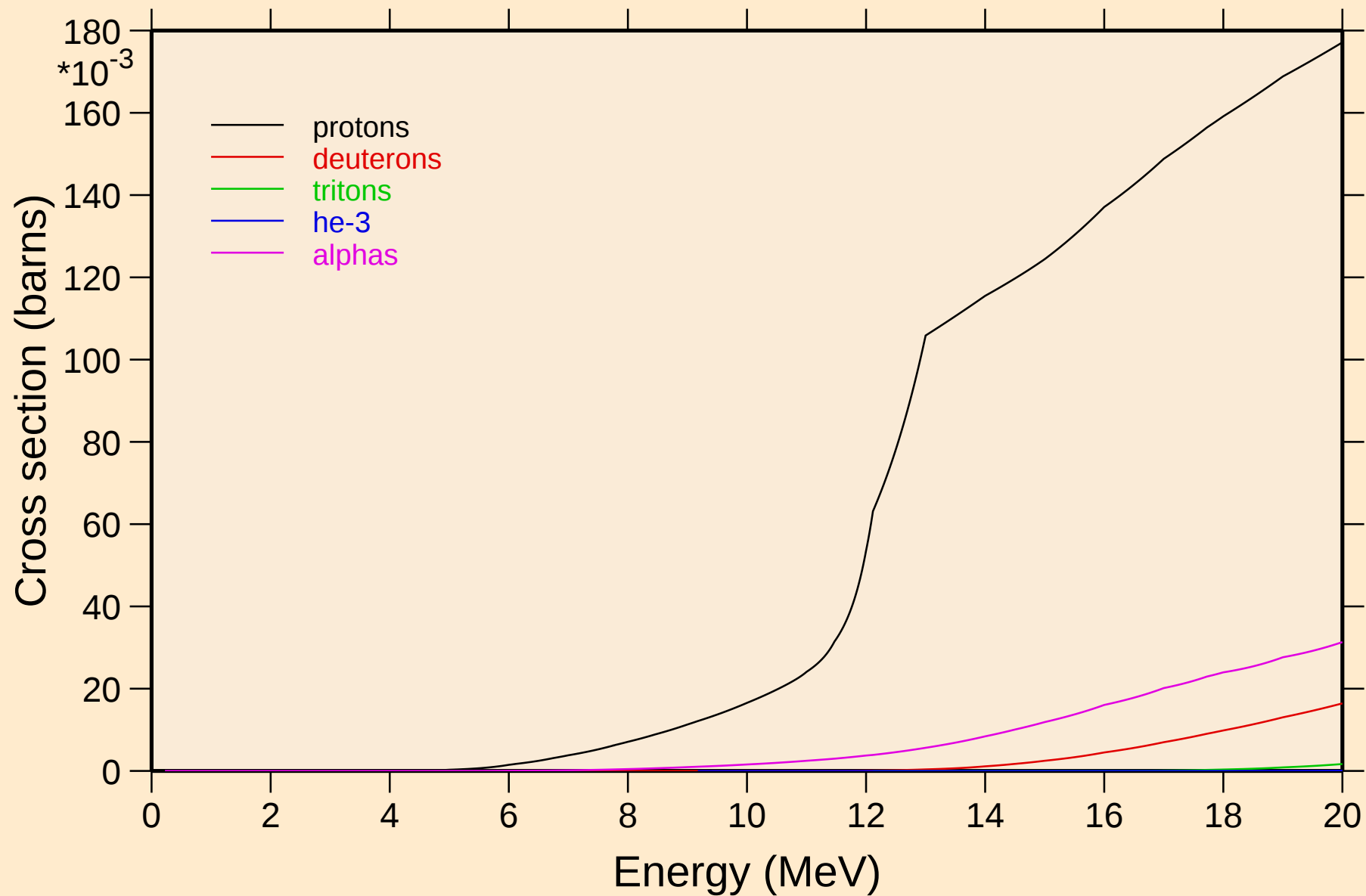


JEFF-3.1 ZR-90 Recoil Heating

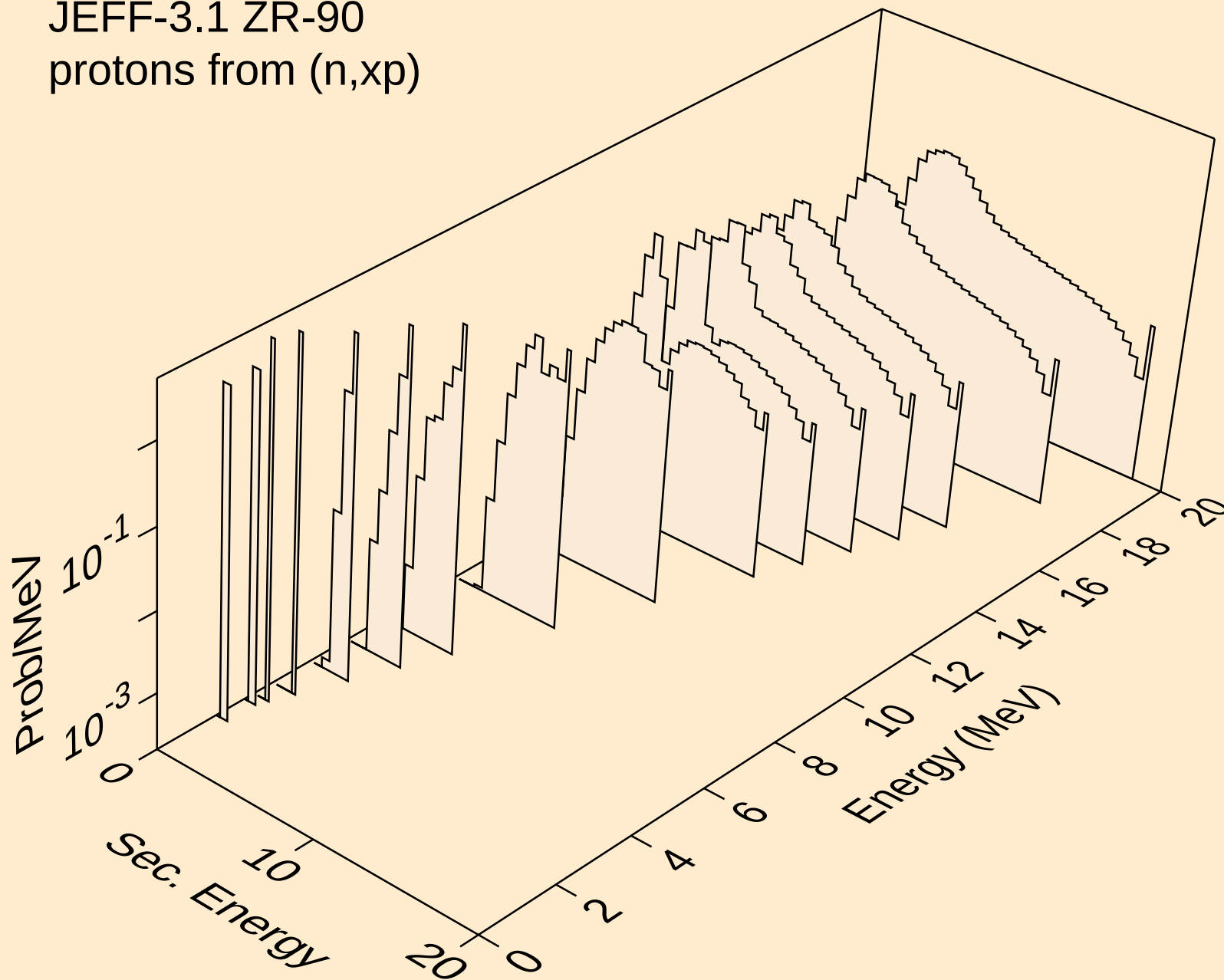


JEFF-3.1 ZR-90

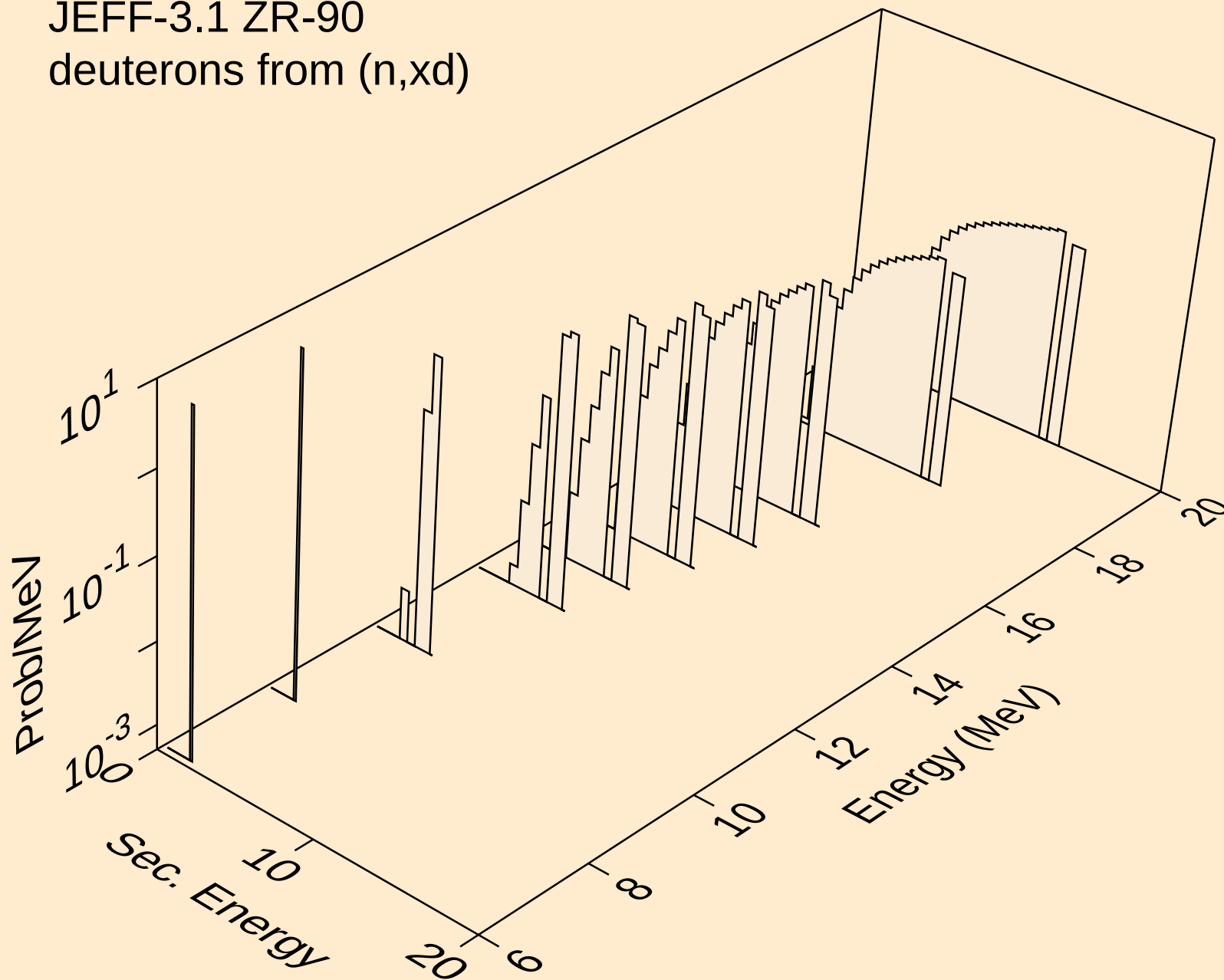
Particle production cross sections



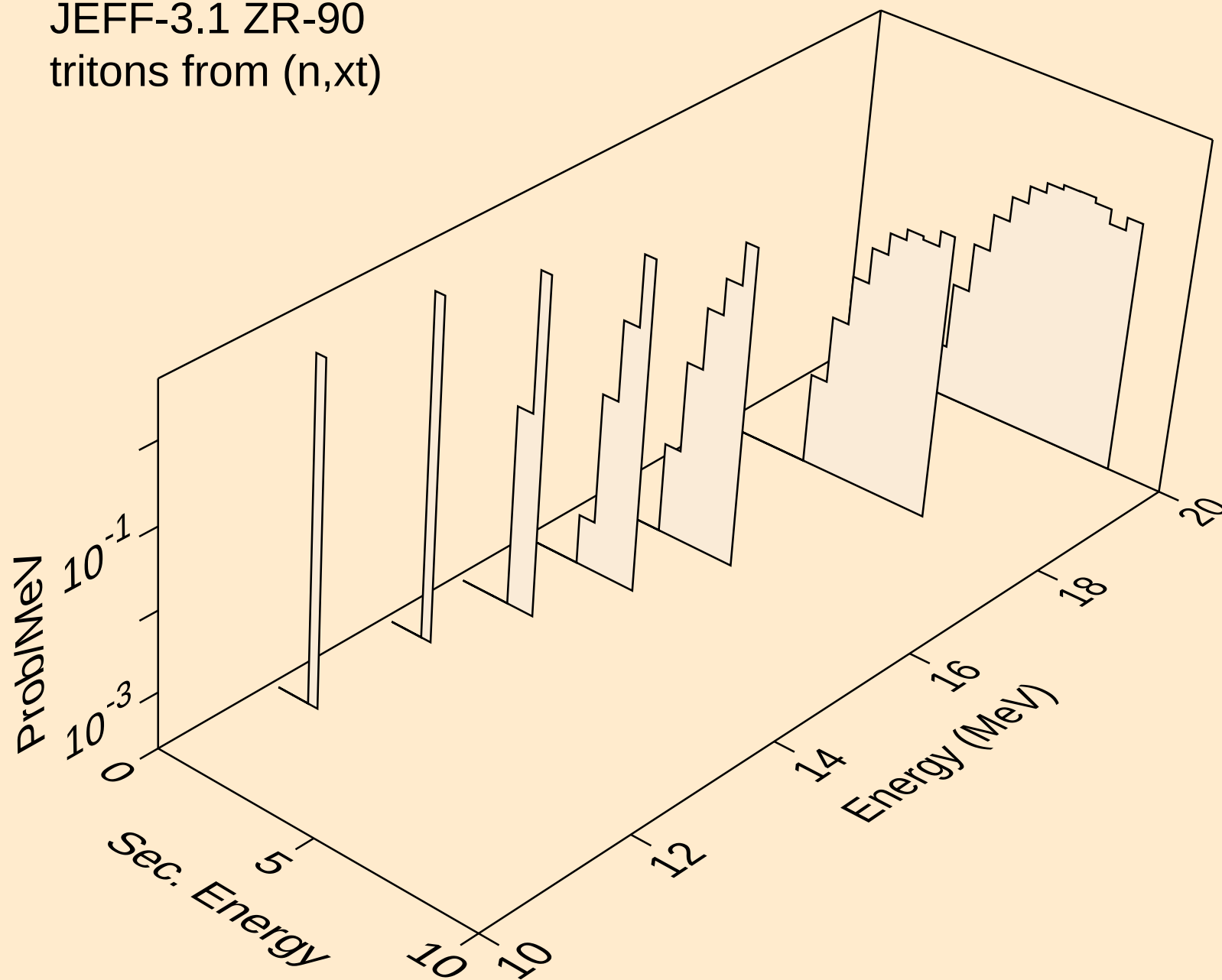
JEFF-3.1 ZR-90
protons from (n,xp)



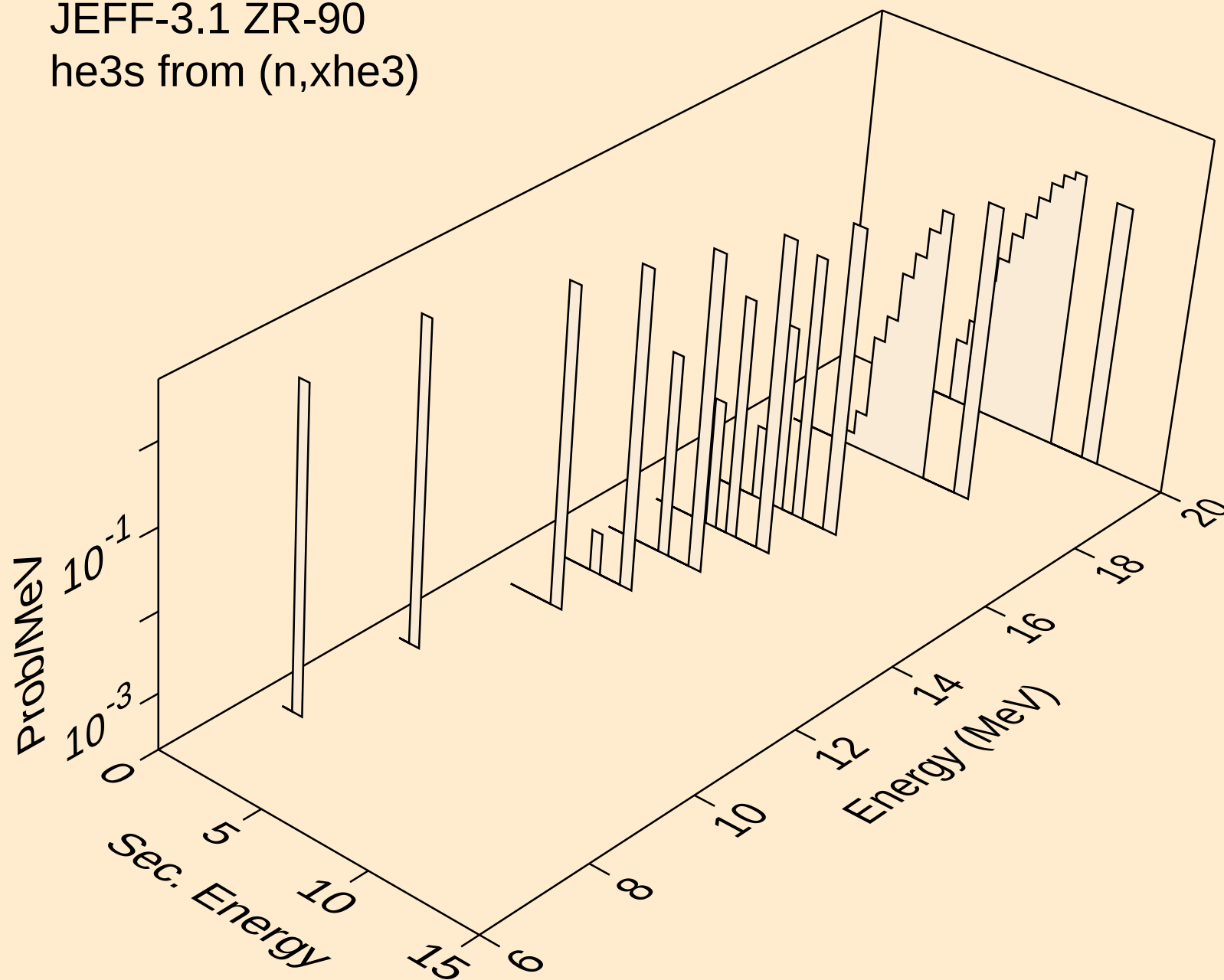
JEFF-3.1 ZR-90
deuterons from (n,xd)



JEFF-3.1 ZR-90
tritons from (n,xt)



JEFF-3.1 ZR-90
he3s from (n,xhe3)



JEFF-3.1 ZR-90
alphas from (n,xa)

