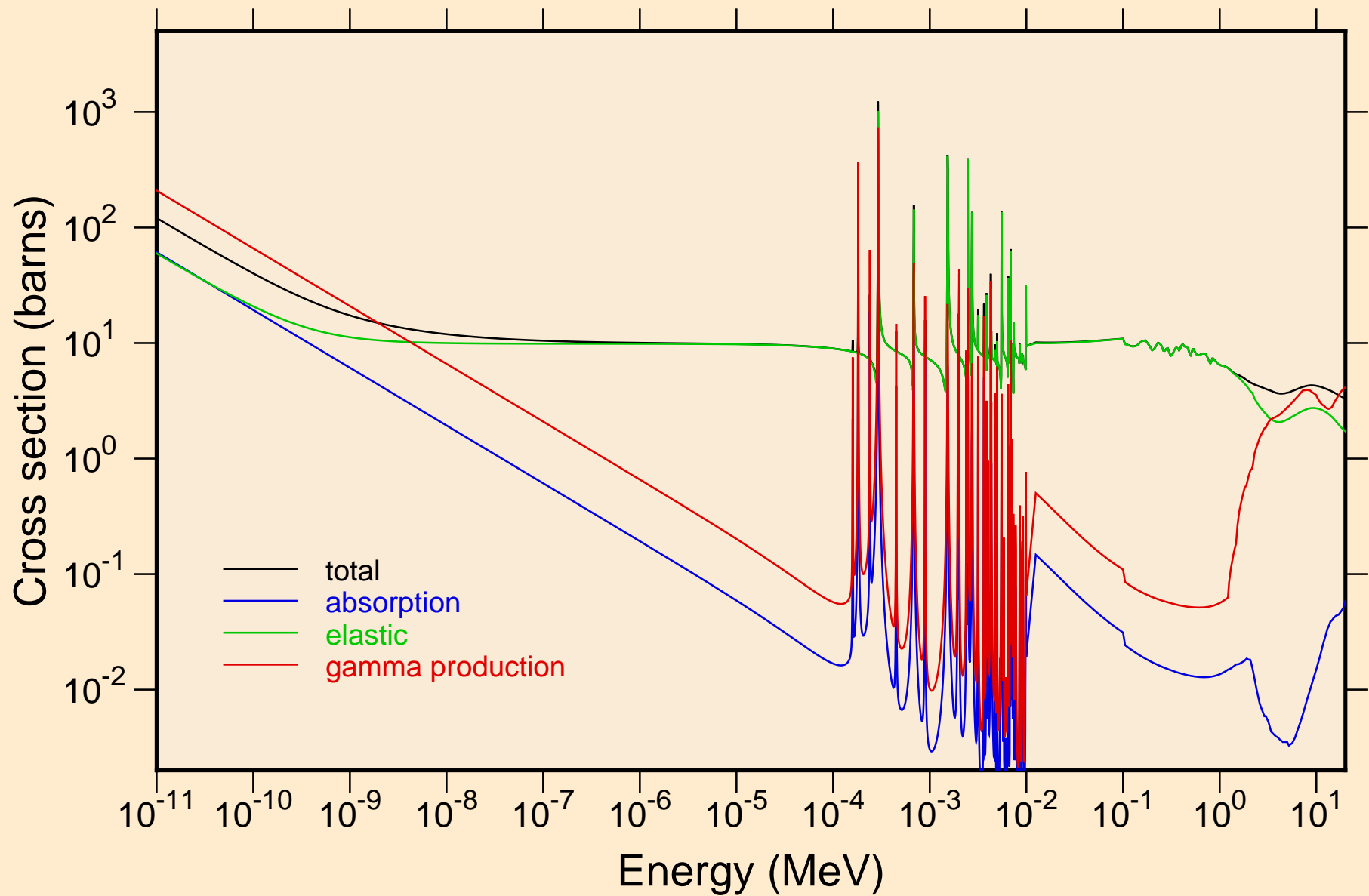
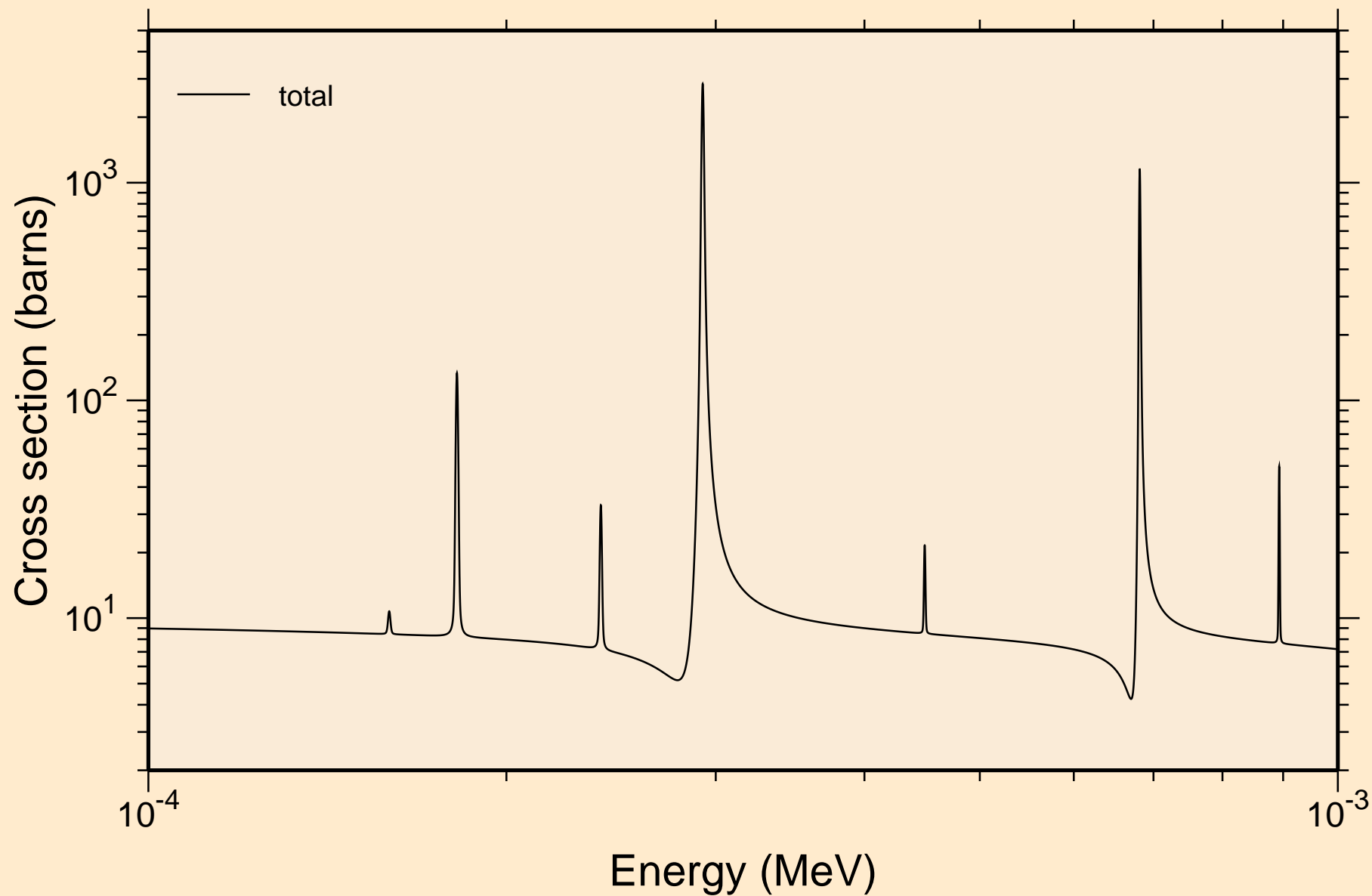


ENDF/B-VII.1 ZR-91

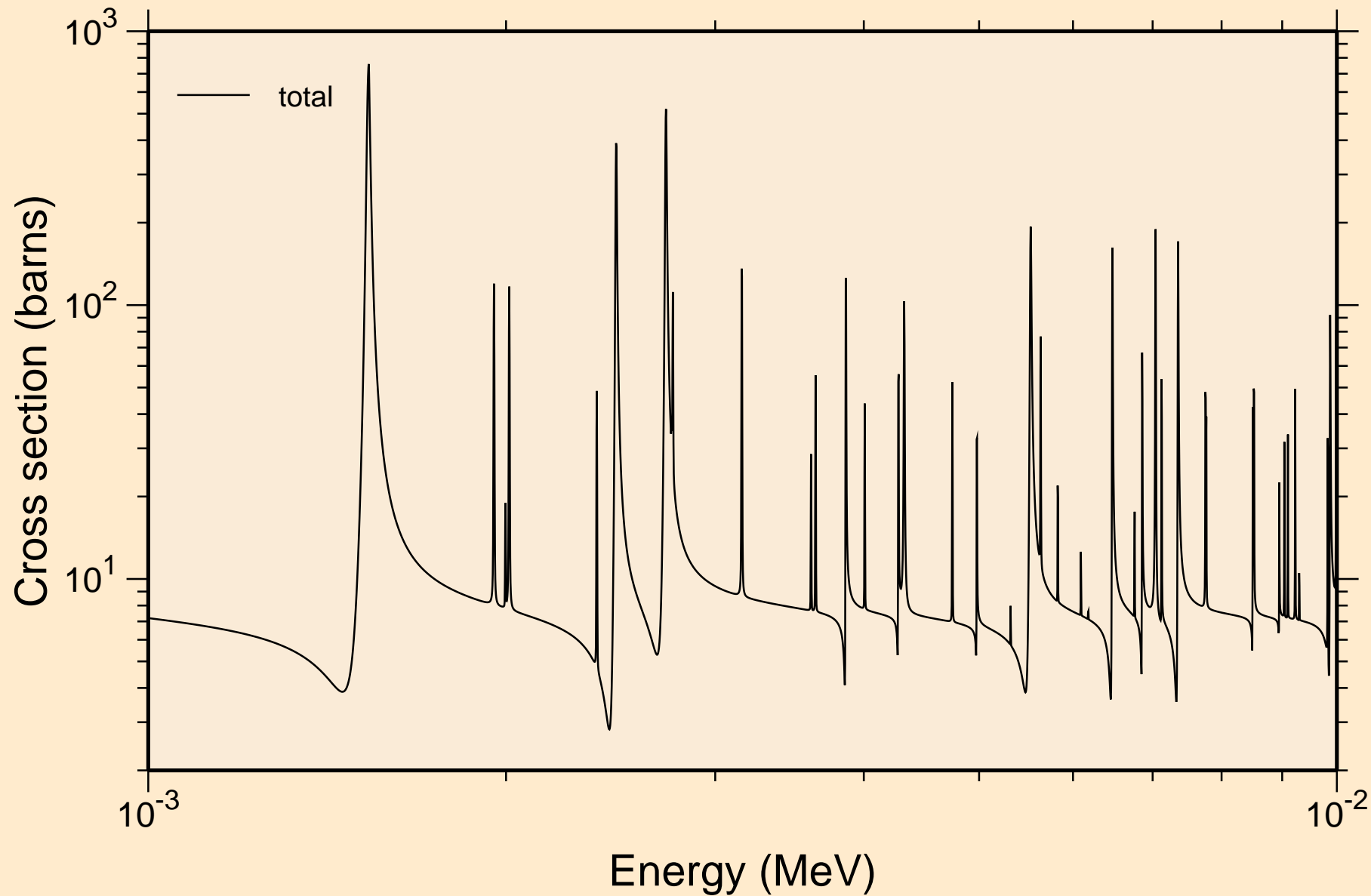
Principal cross sections



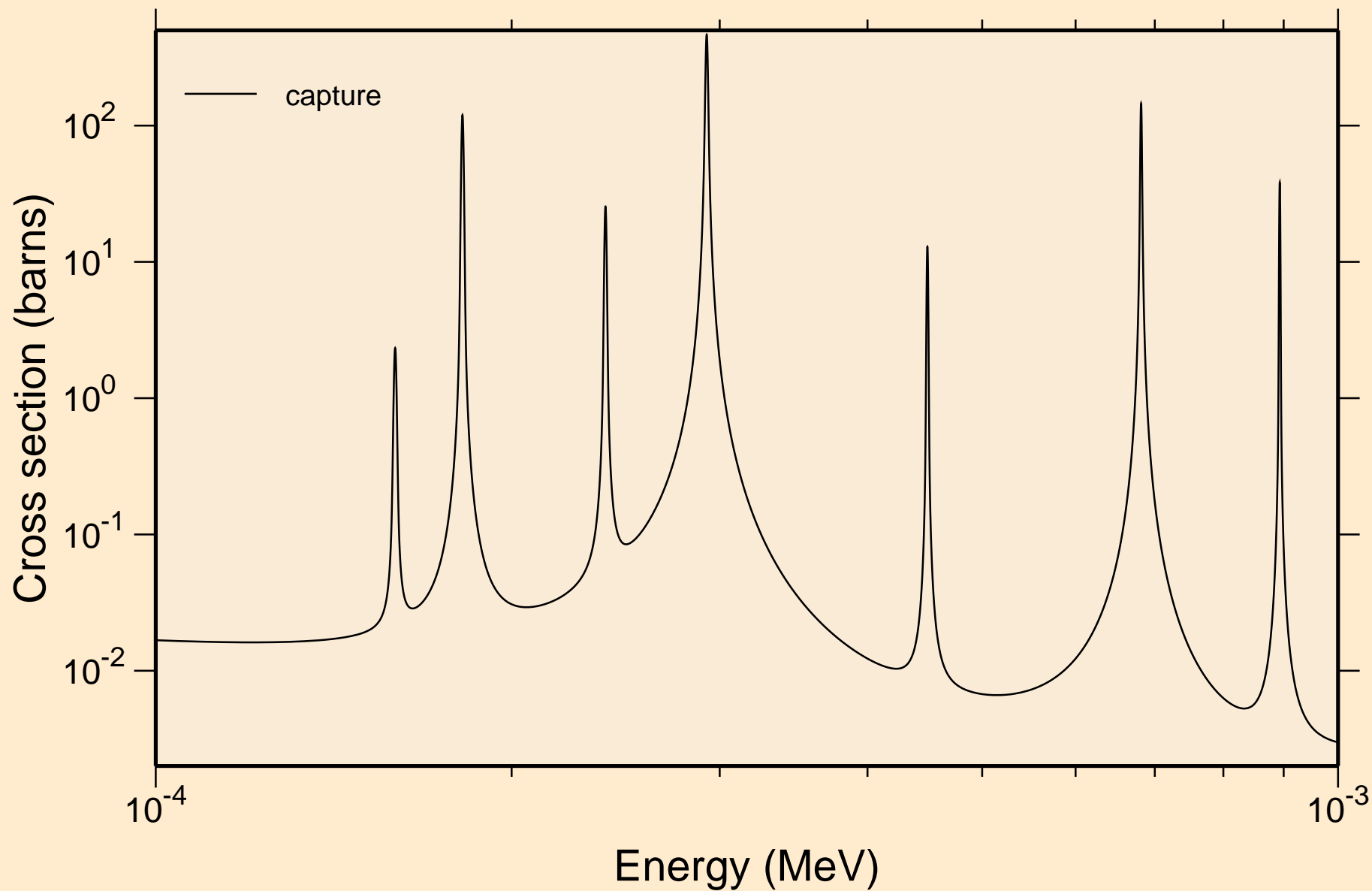
ENDF/B-VII.1 ZR-91
resonance total cross section



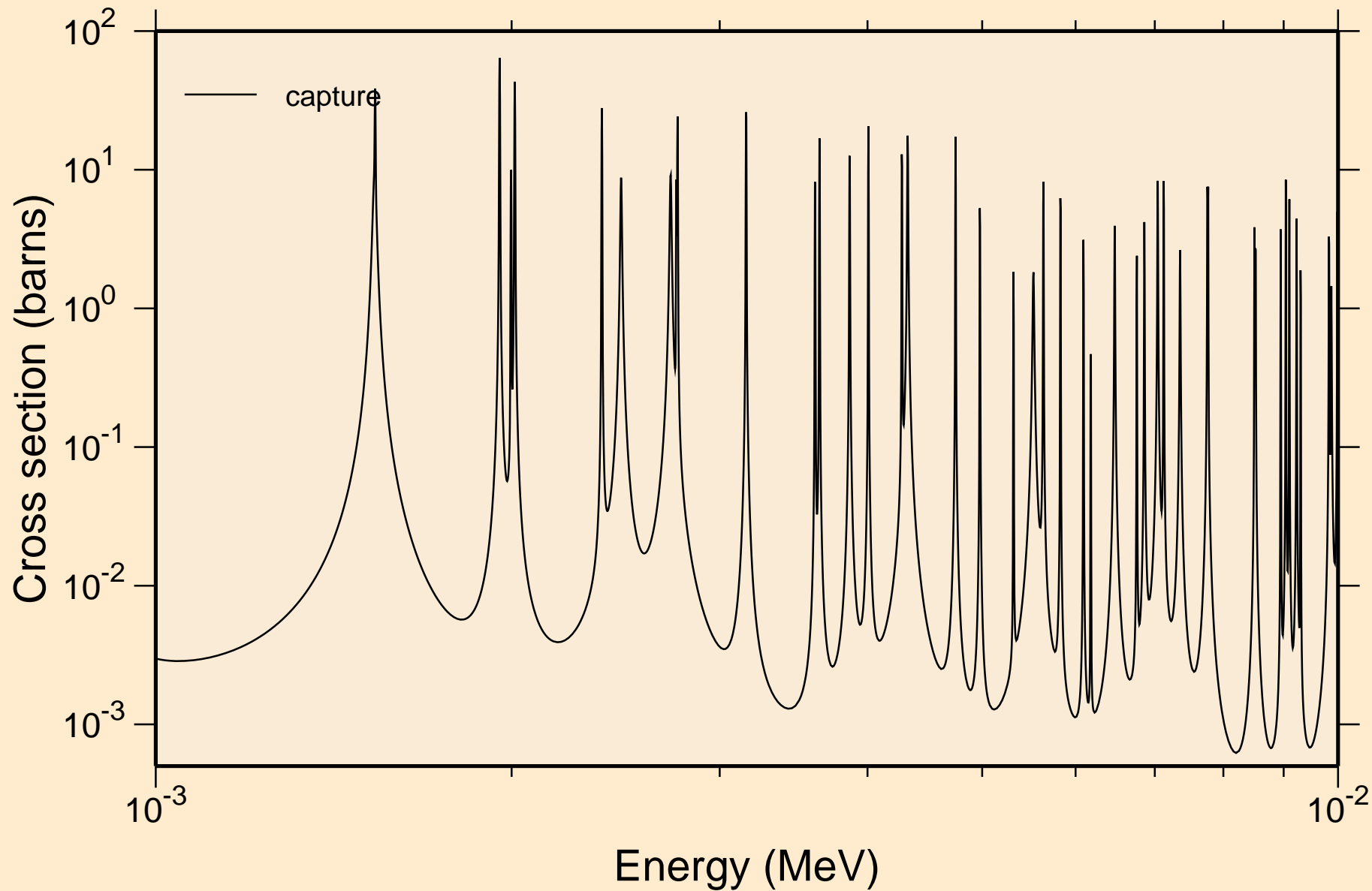
ENDF/B-VII.1 ZR-91
resonance total cross section



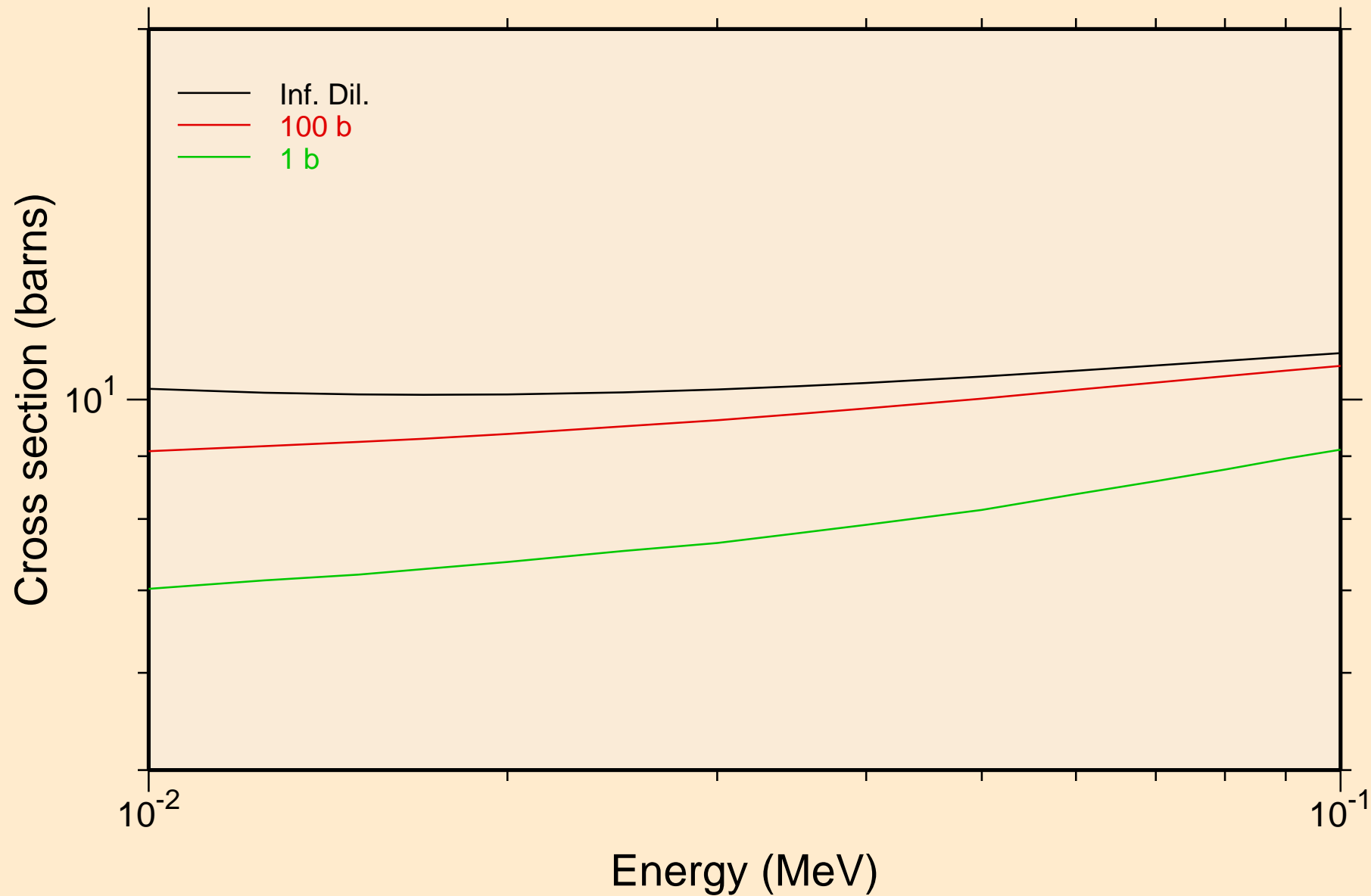
ENDF/B-VII.1 ZR-91
resonance absorption cross sections



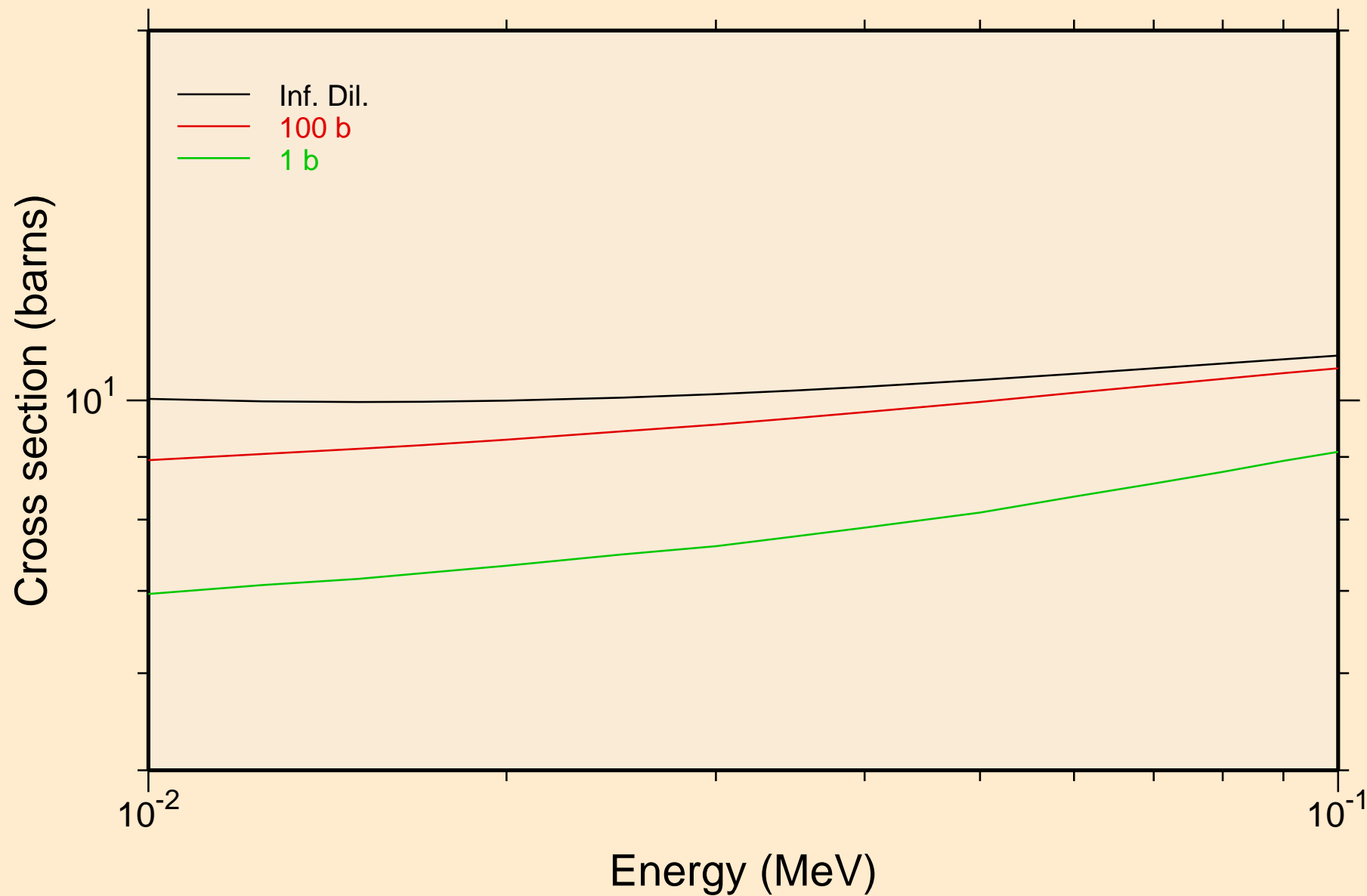
ENDF/B-VII.1 ZR-91 resonance absorption cross sections



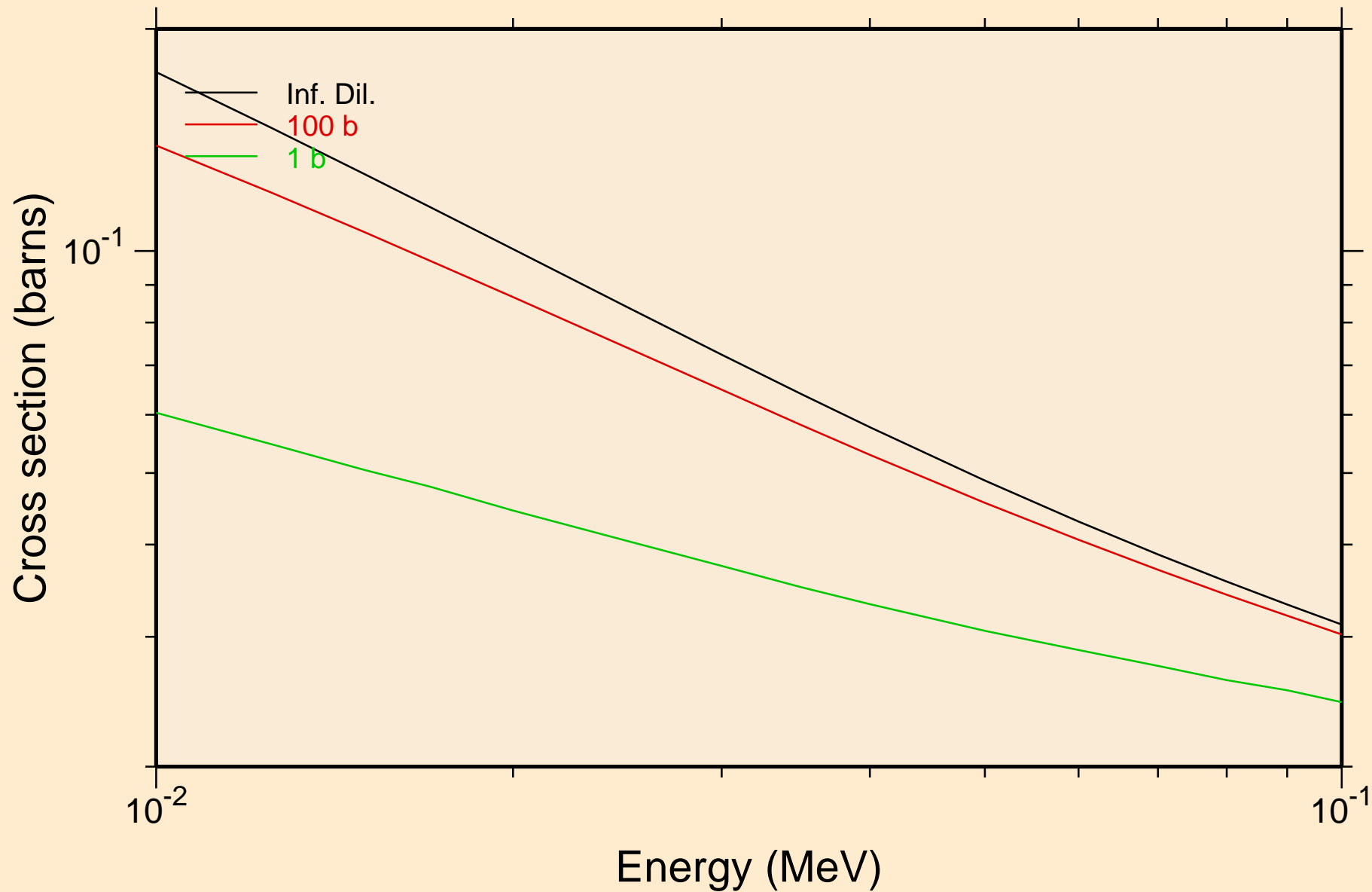
ENDF/B-VII.1 ZR-91
UR total cross section



ENDF/B-VII.1 ZR-91
UR elastic cross section

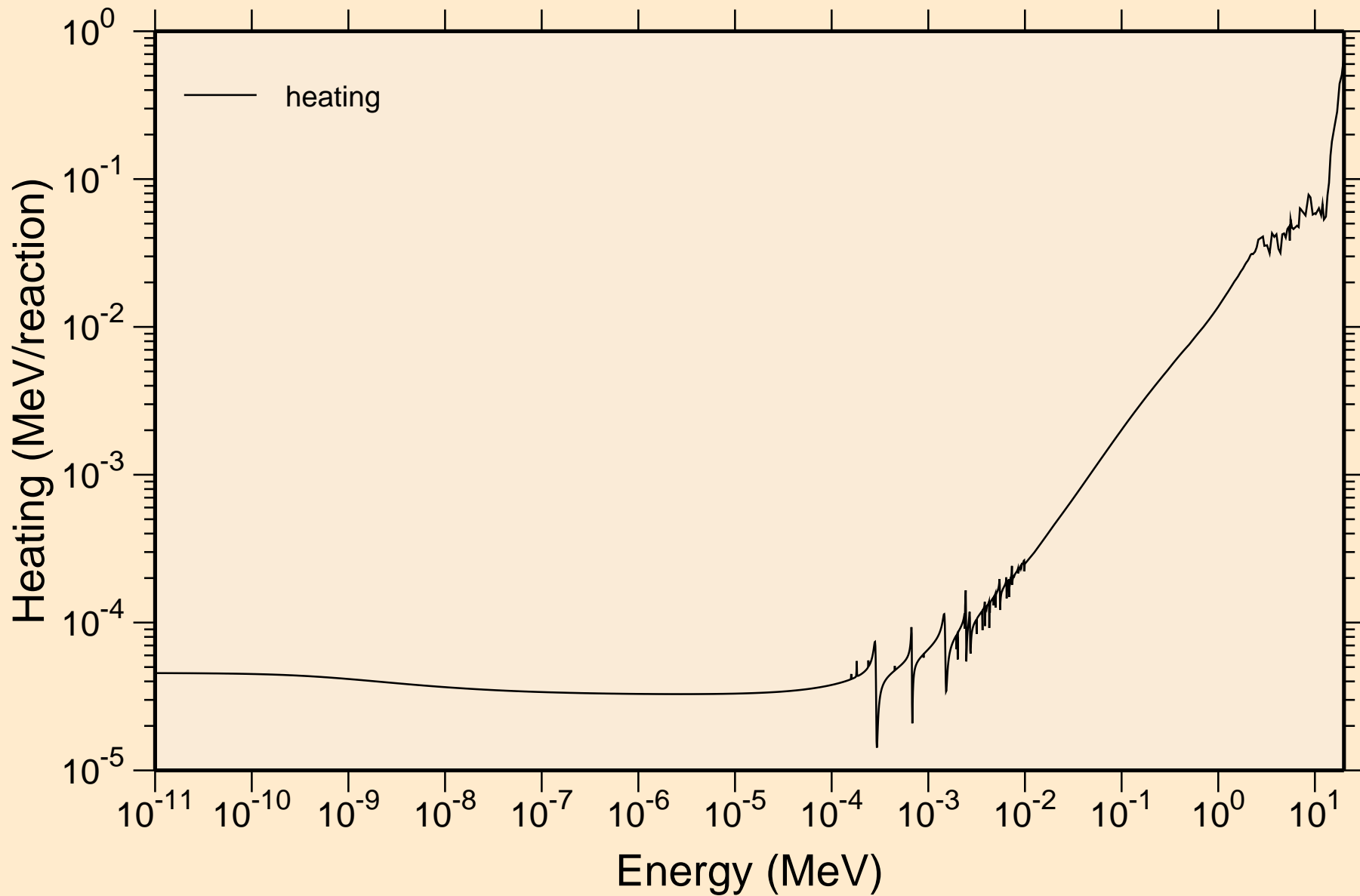


ENDF/B-VII.1 ZR-91
UR capture cross section



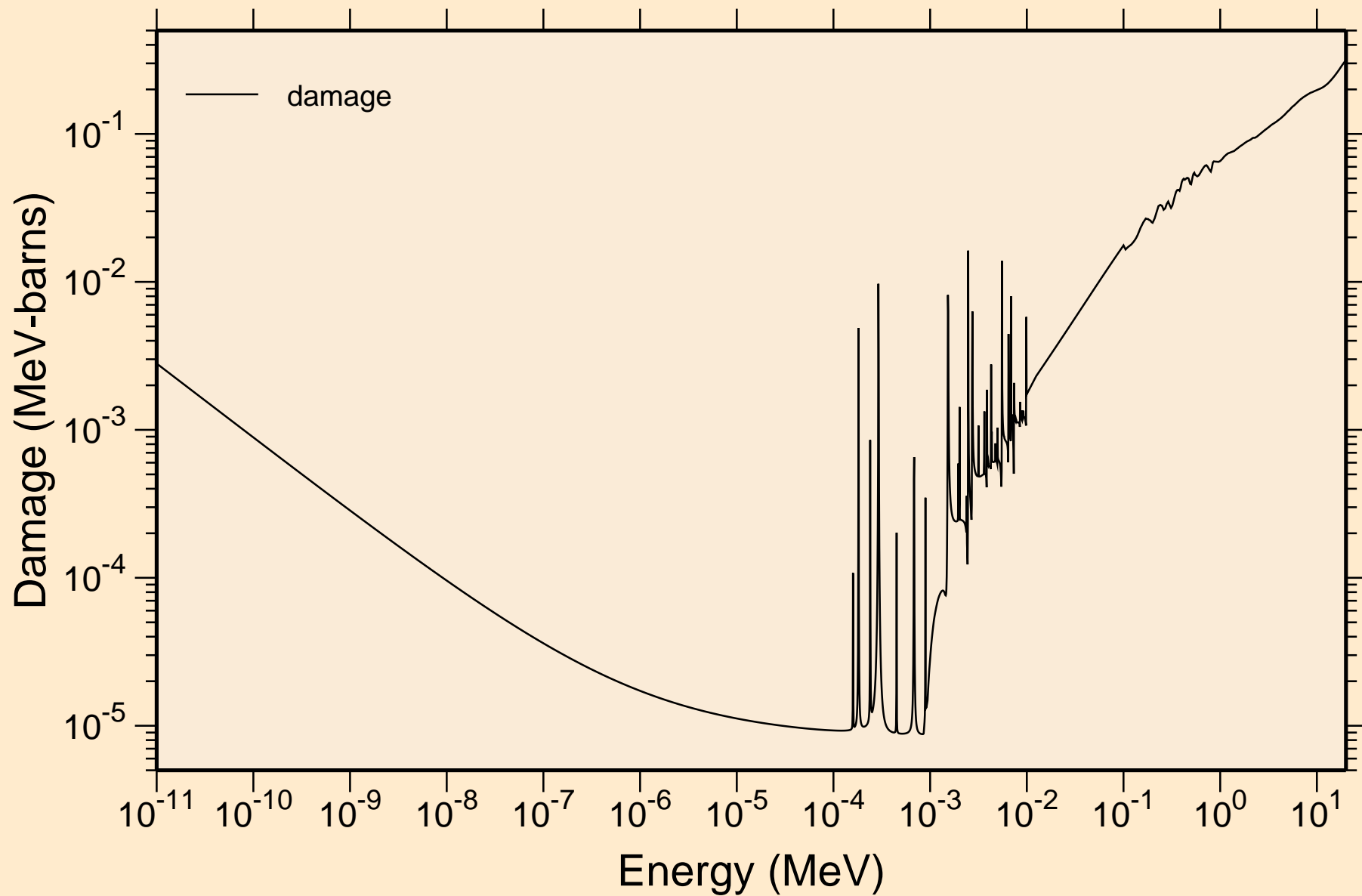
ENDF/B-VII.1 ZR-91

Heating



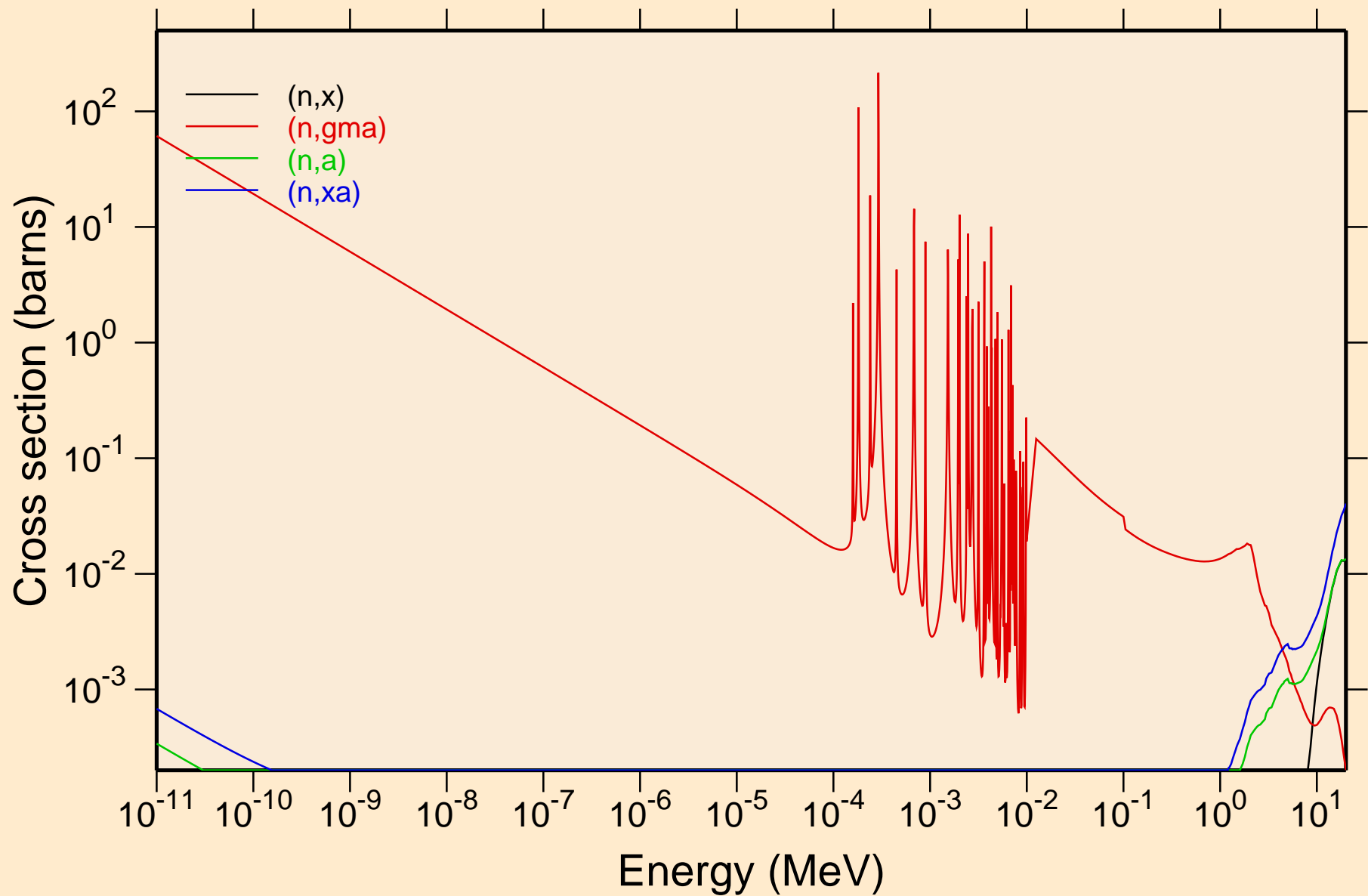
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Damage



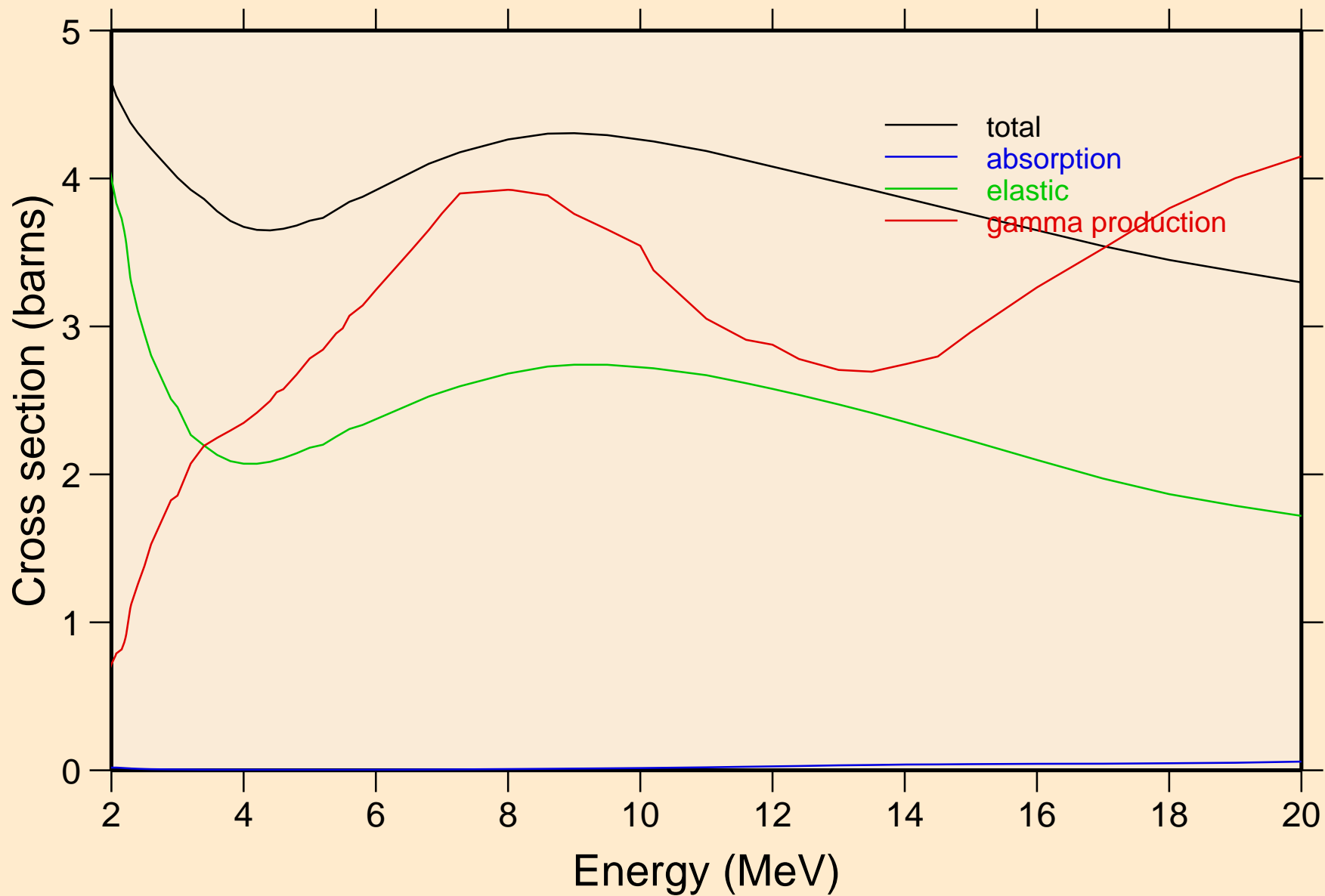
ENDF/B-VII.1 ZR-91

Non-threshold reactions



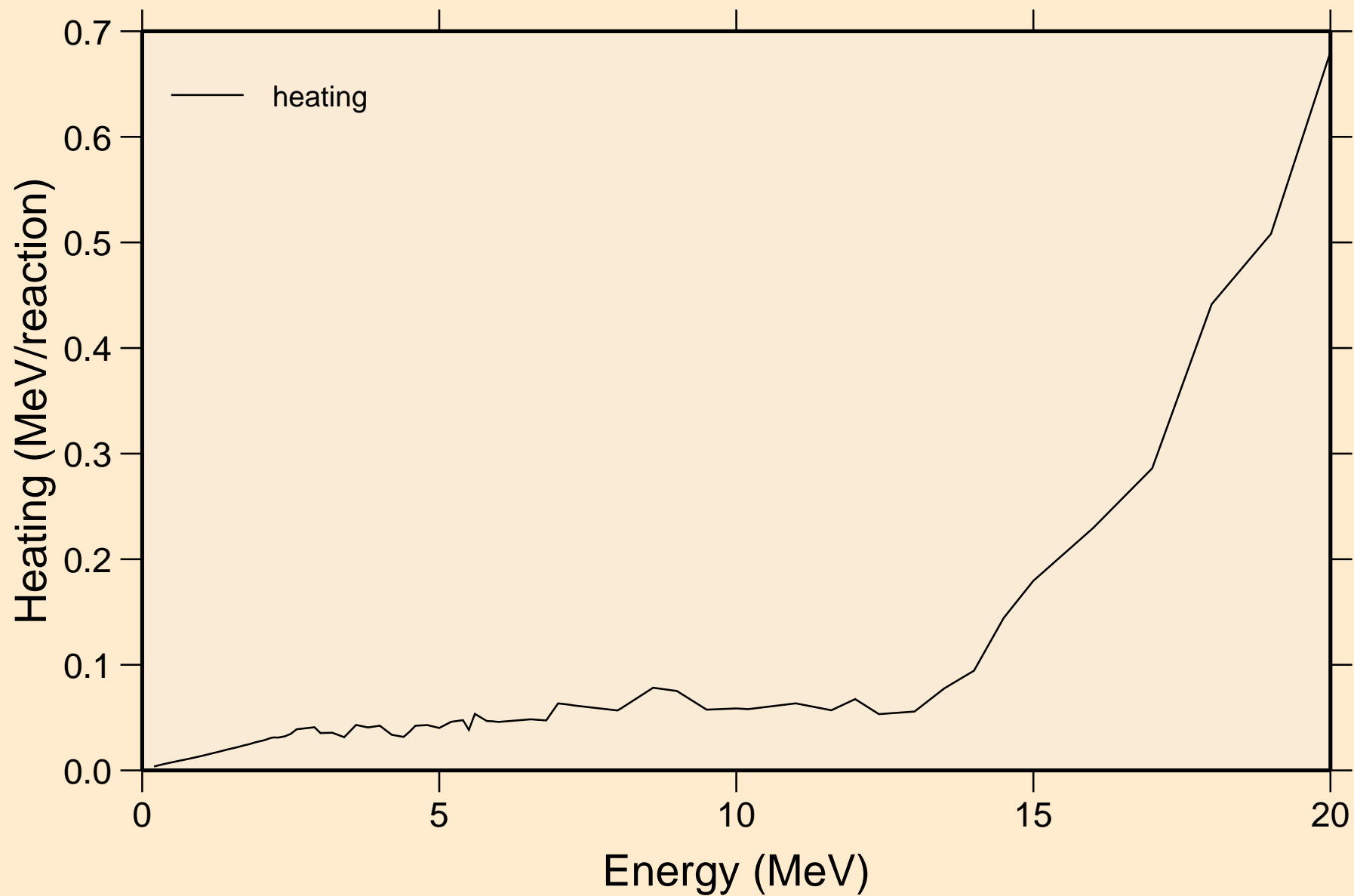
ENDF/B-VII.1 ZR-91

Principal cross sections



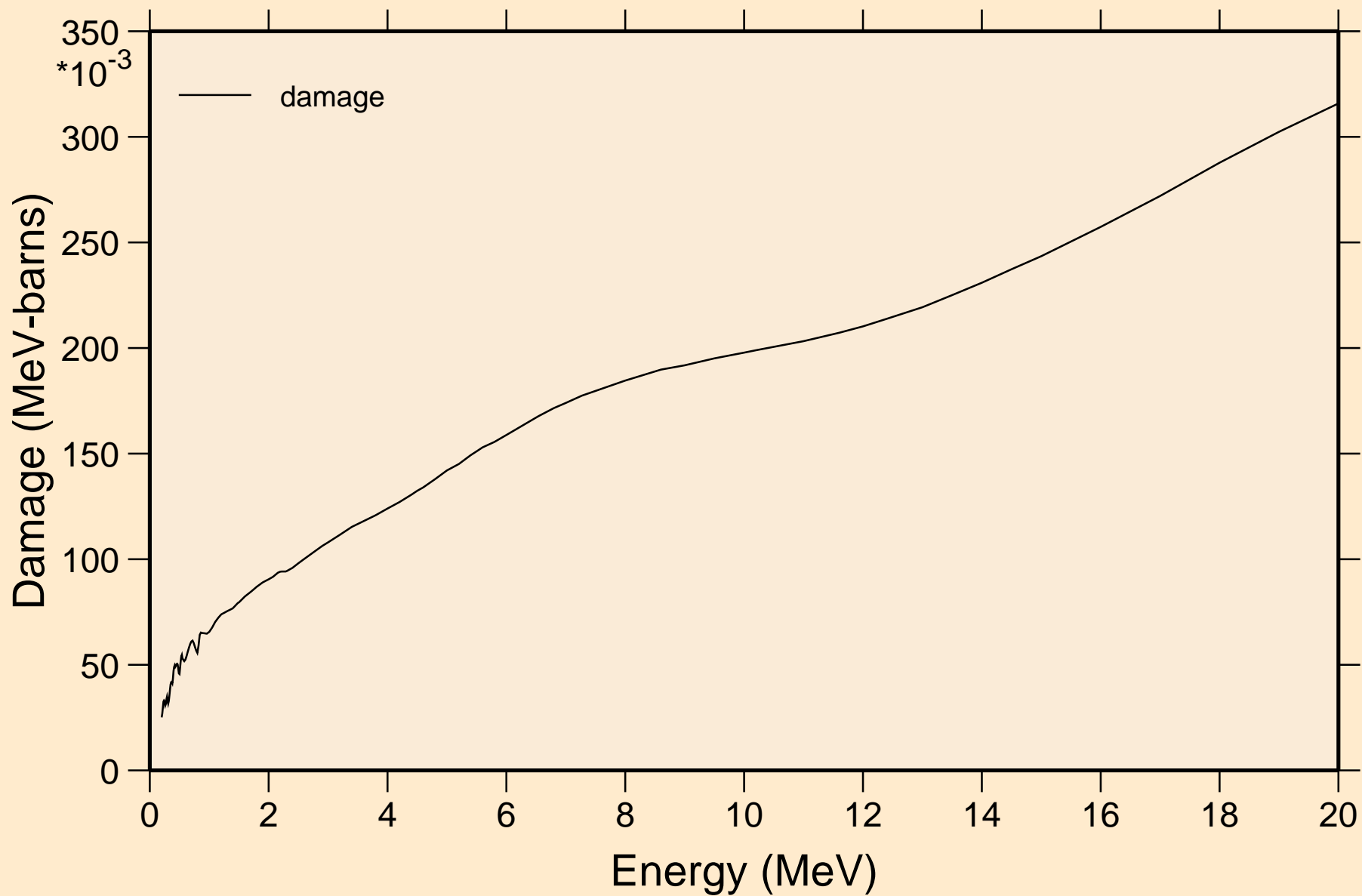
ENDF/B-VII.1 ZR-91

Heating



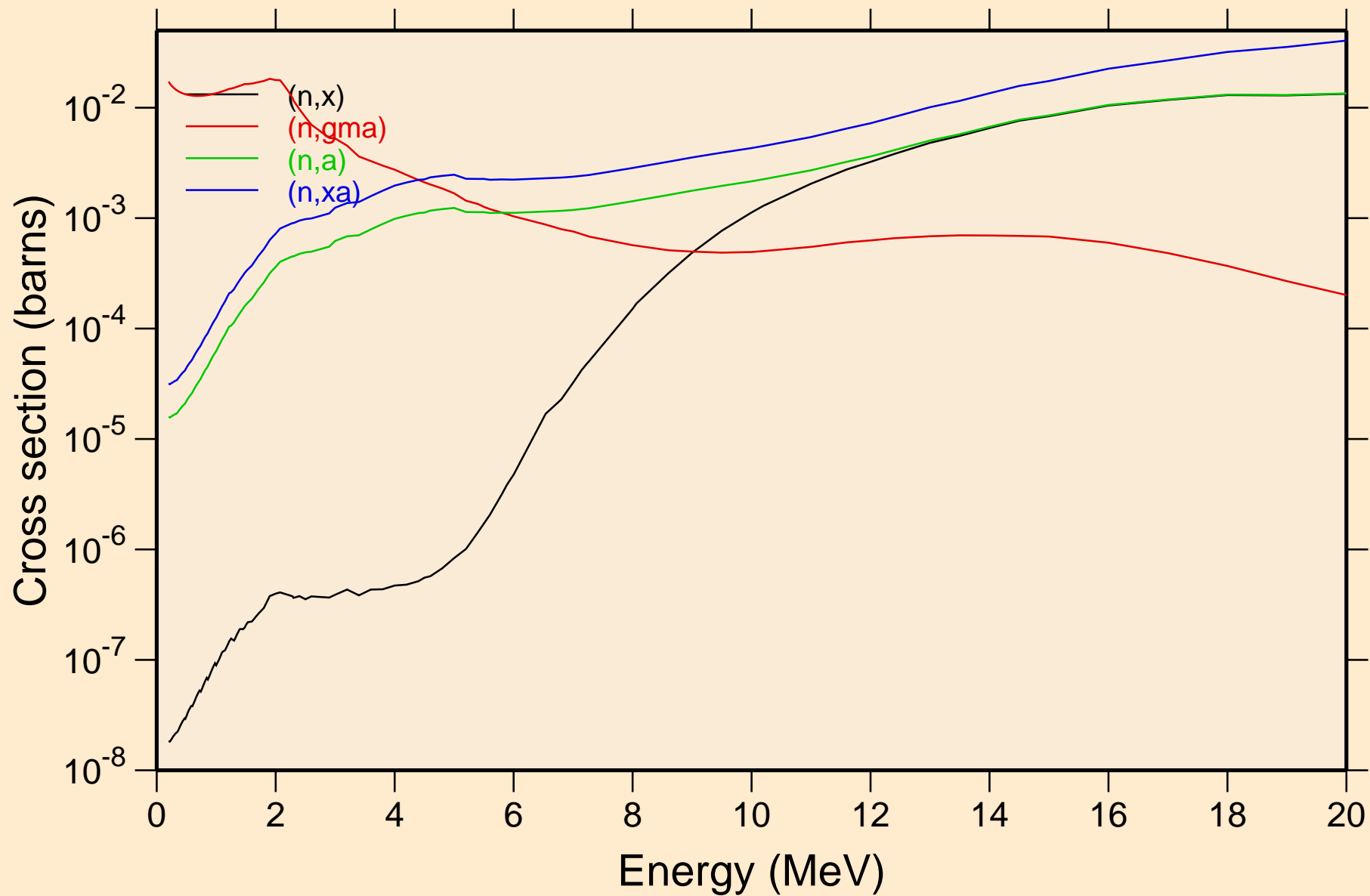
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Damage



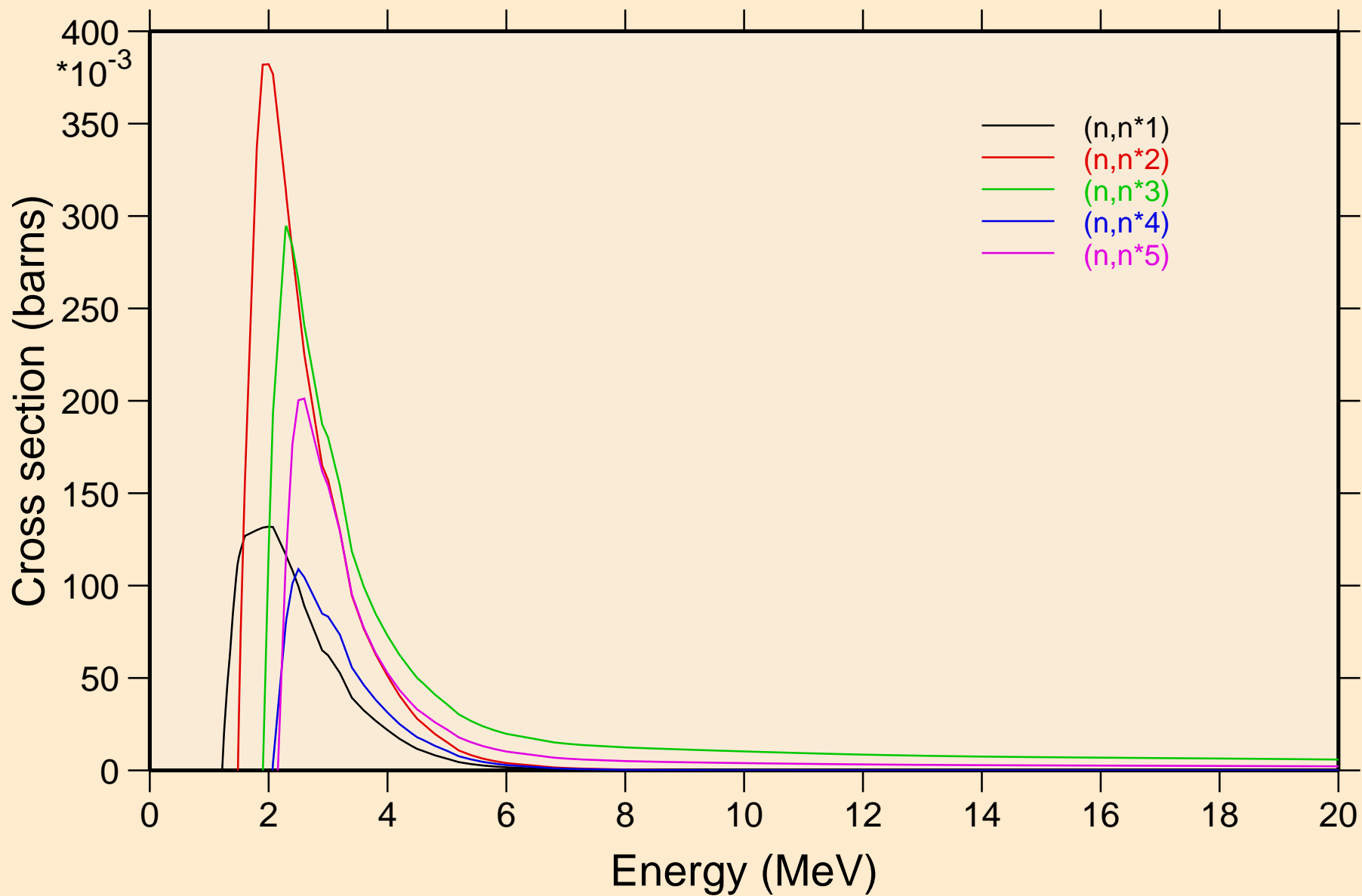
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Non-threshold reactions



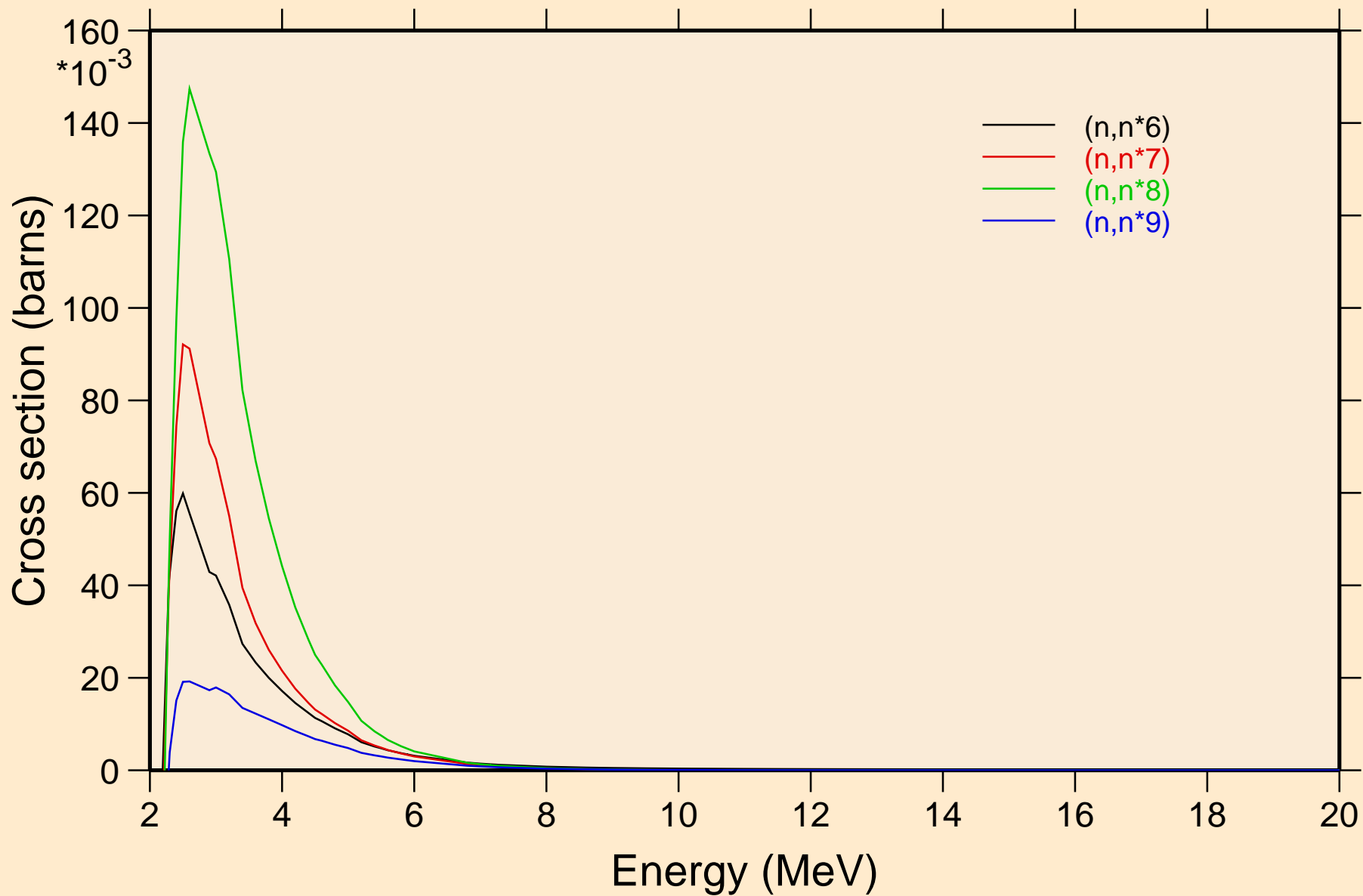
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Inelastic levels



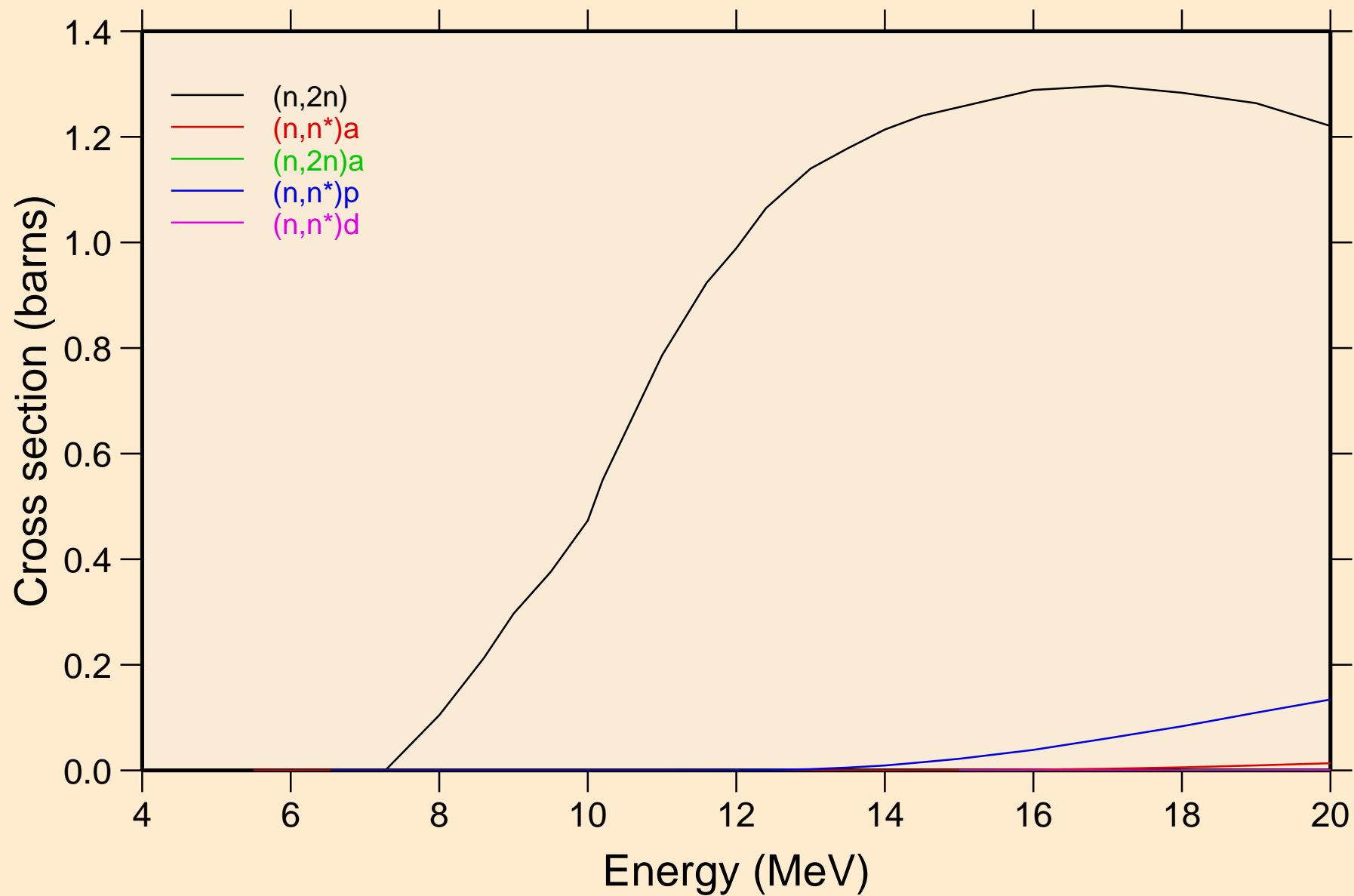
ENDF/B-VII.1 ZR-91

Inelastic levels



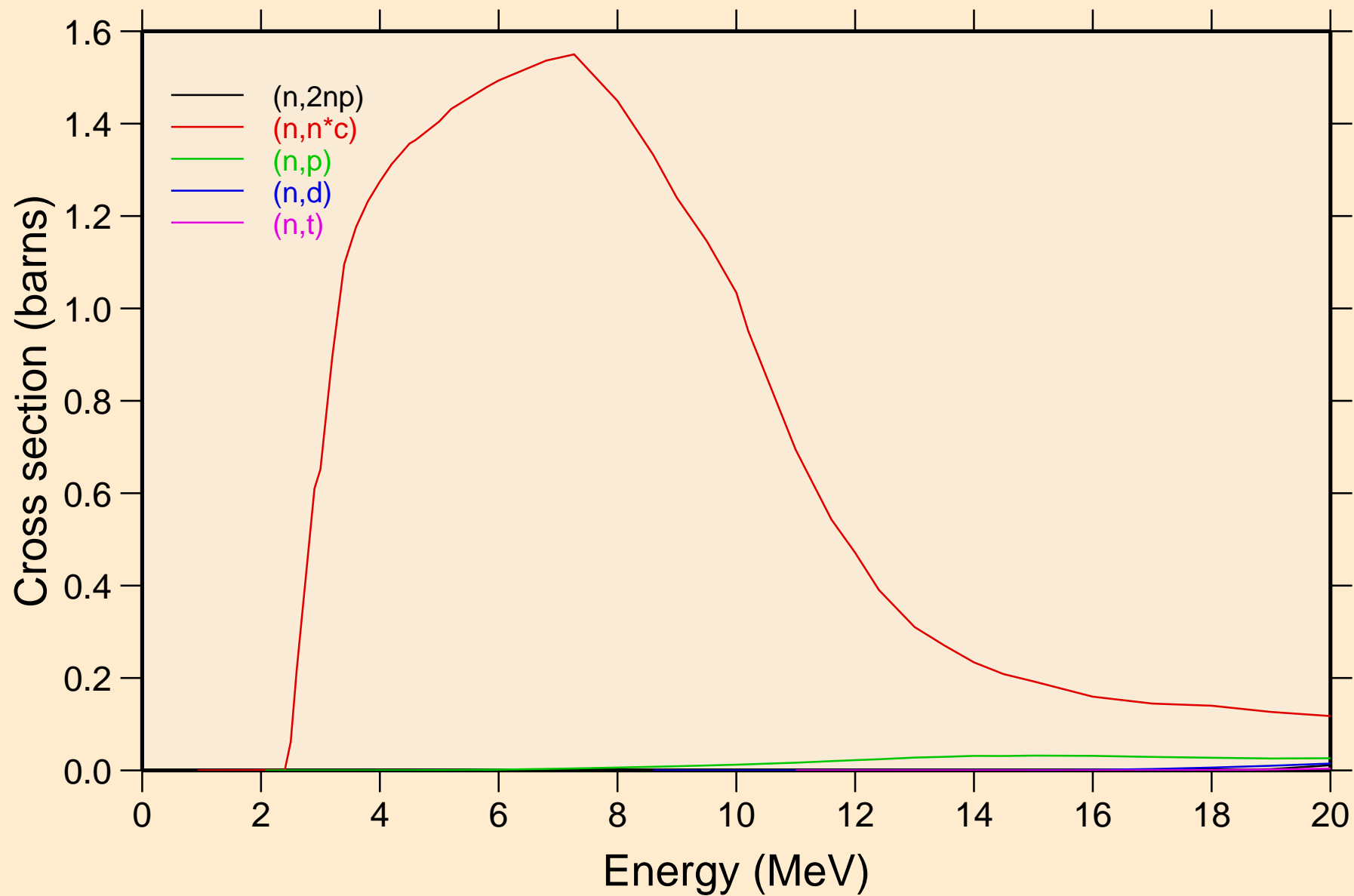
ENDF/B-VII.1 ZR-91

Threshold reactions



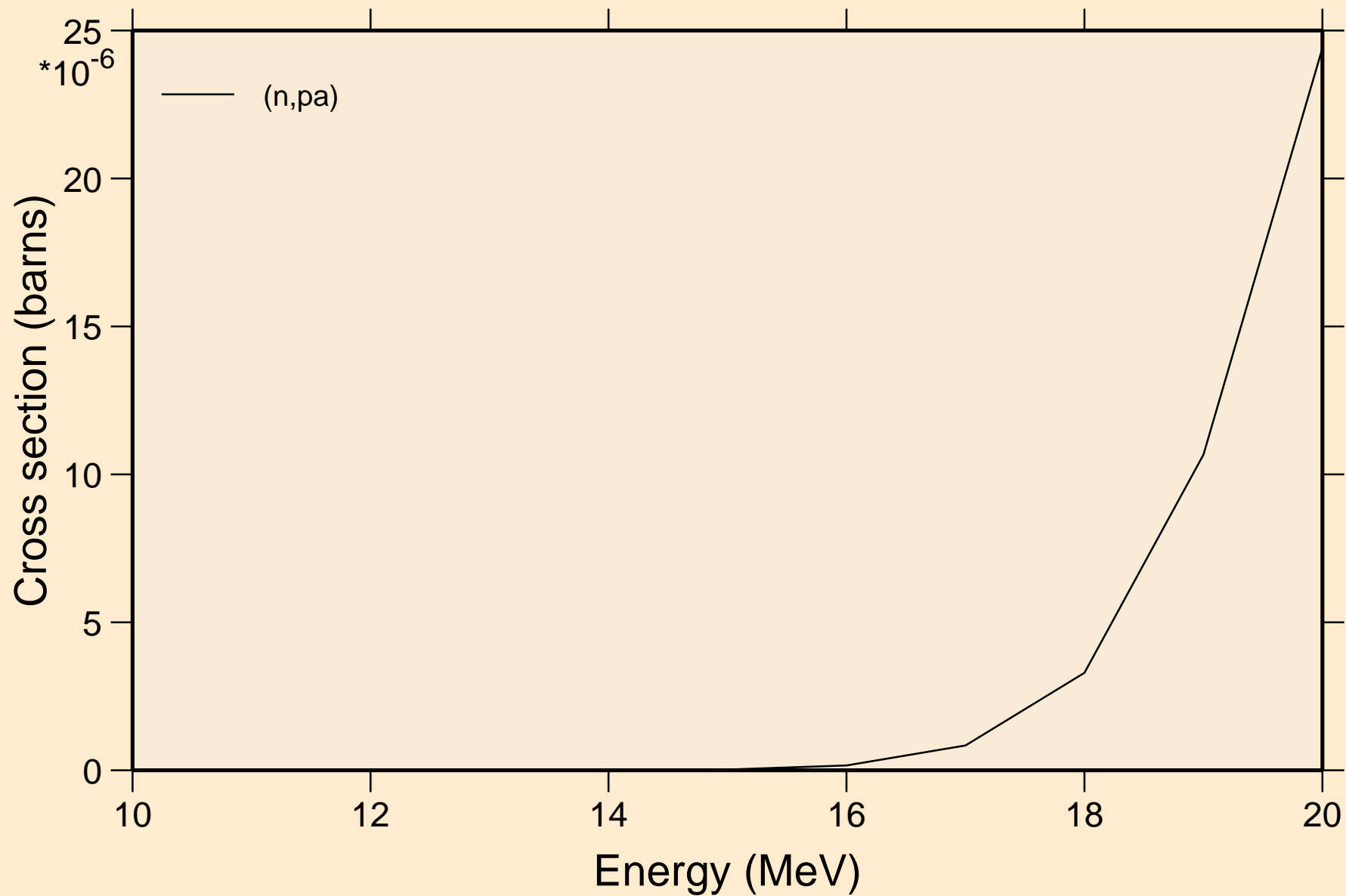
ENDF/B-VII.1 ZR-91

Threshold reactions



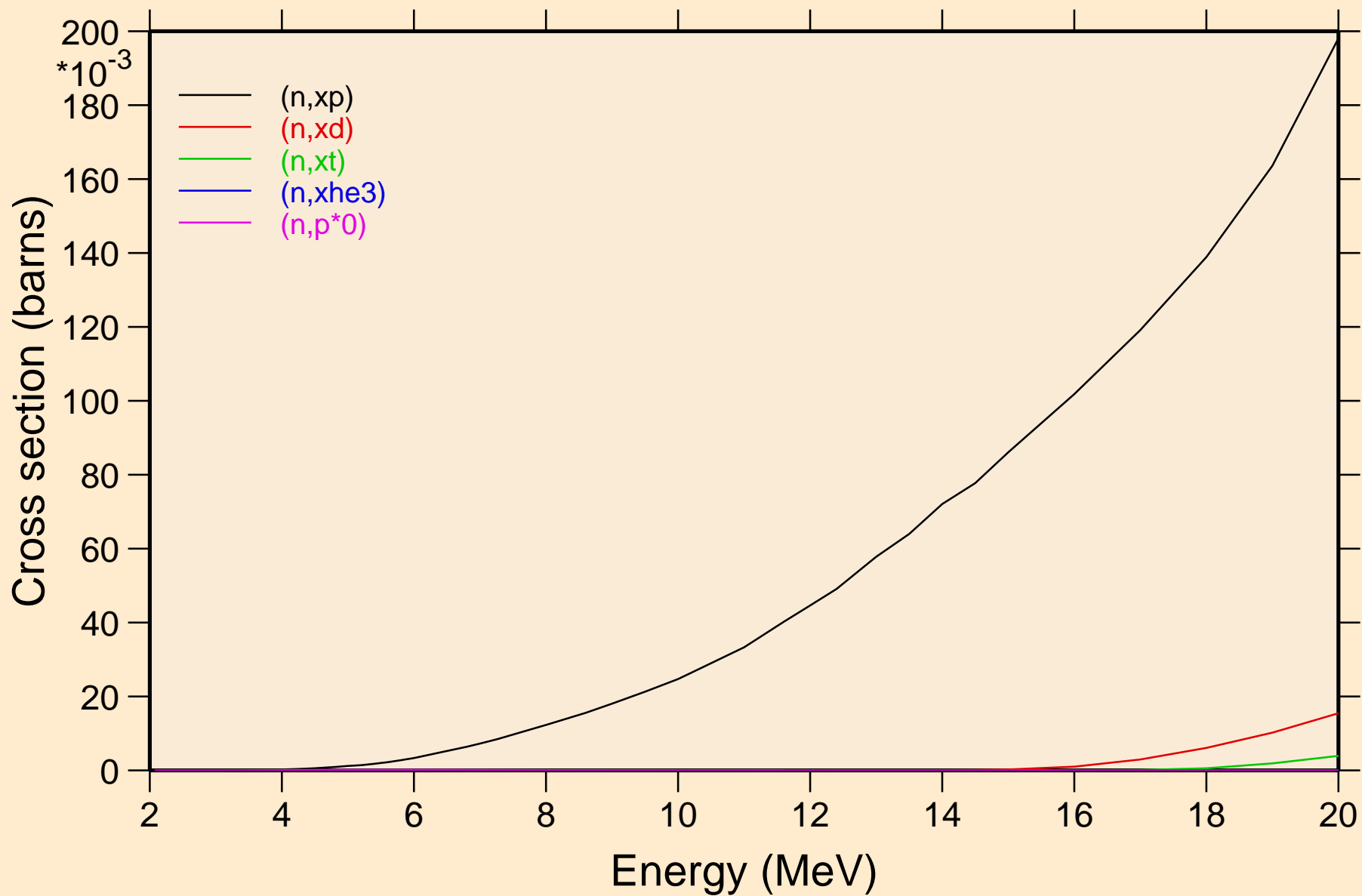
ENDF/B-VII.1 ZR-91

Threshold reactions



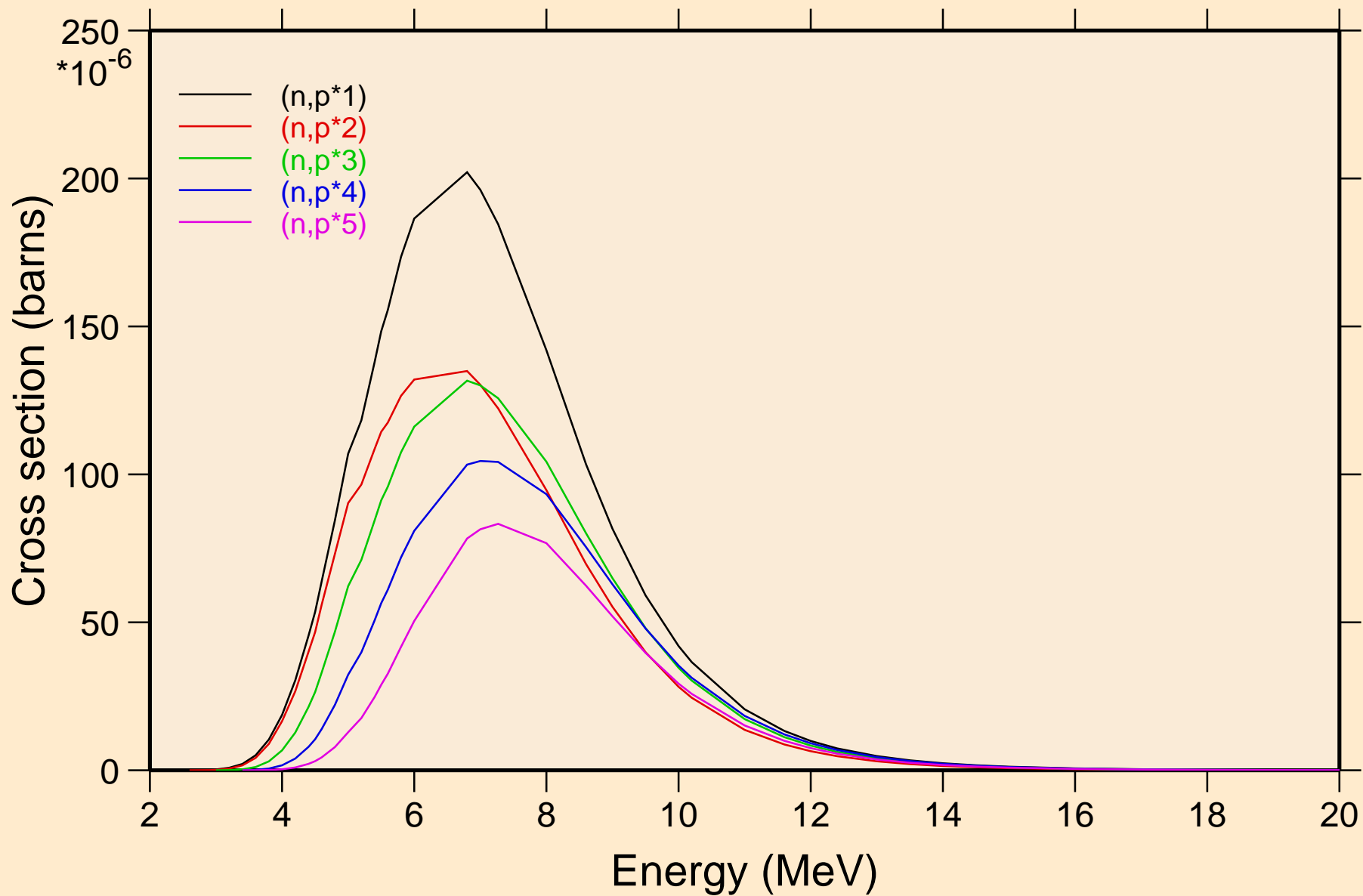
ENDF/B-VII.1 ZR-91

Threshold reactions



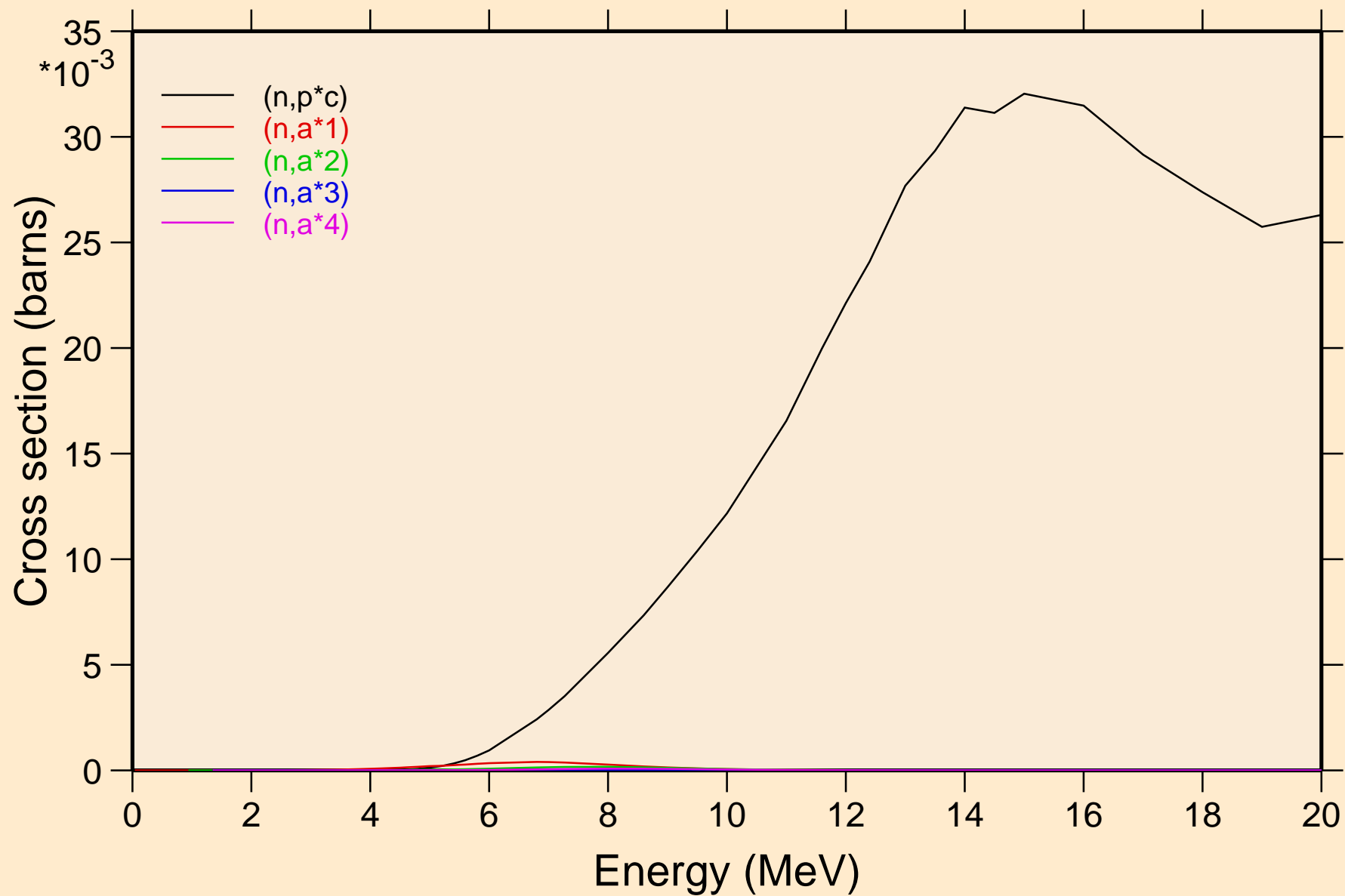
ENDF/B-VII.1 ZR-91

Threshold reactions



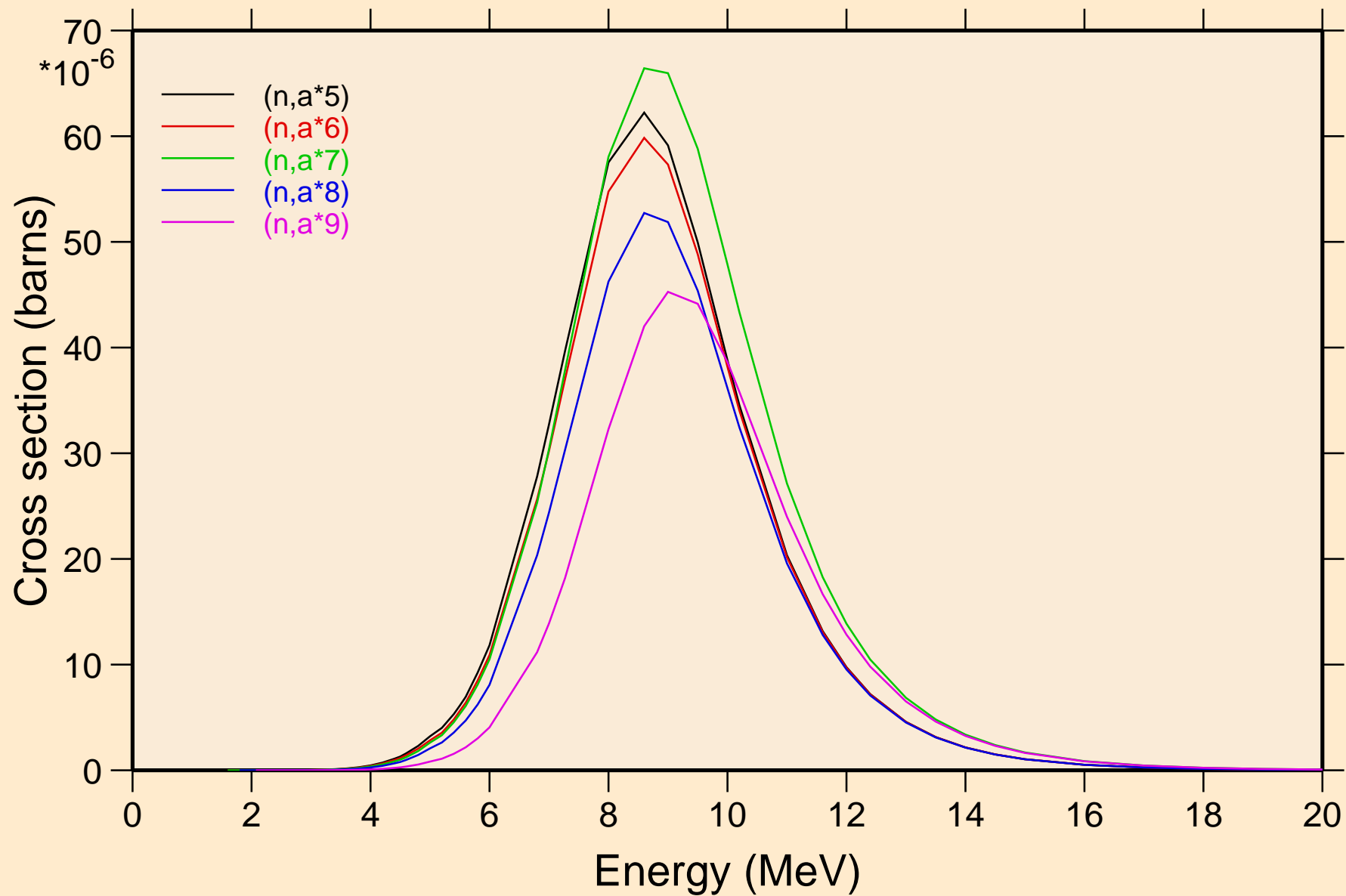
ENDF/B-VII.1 ZR-91

Threshold reactions



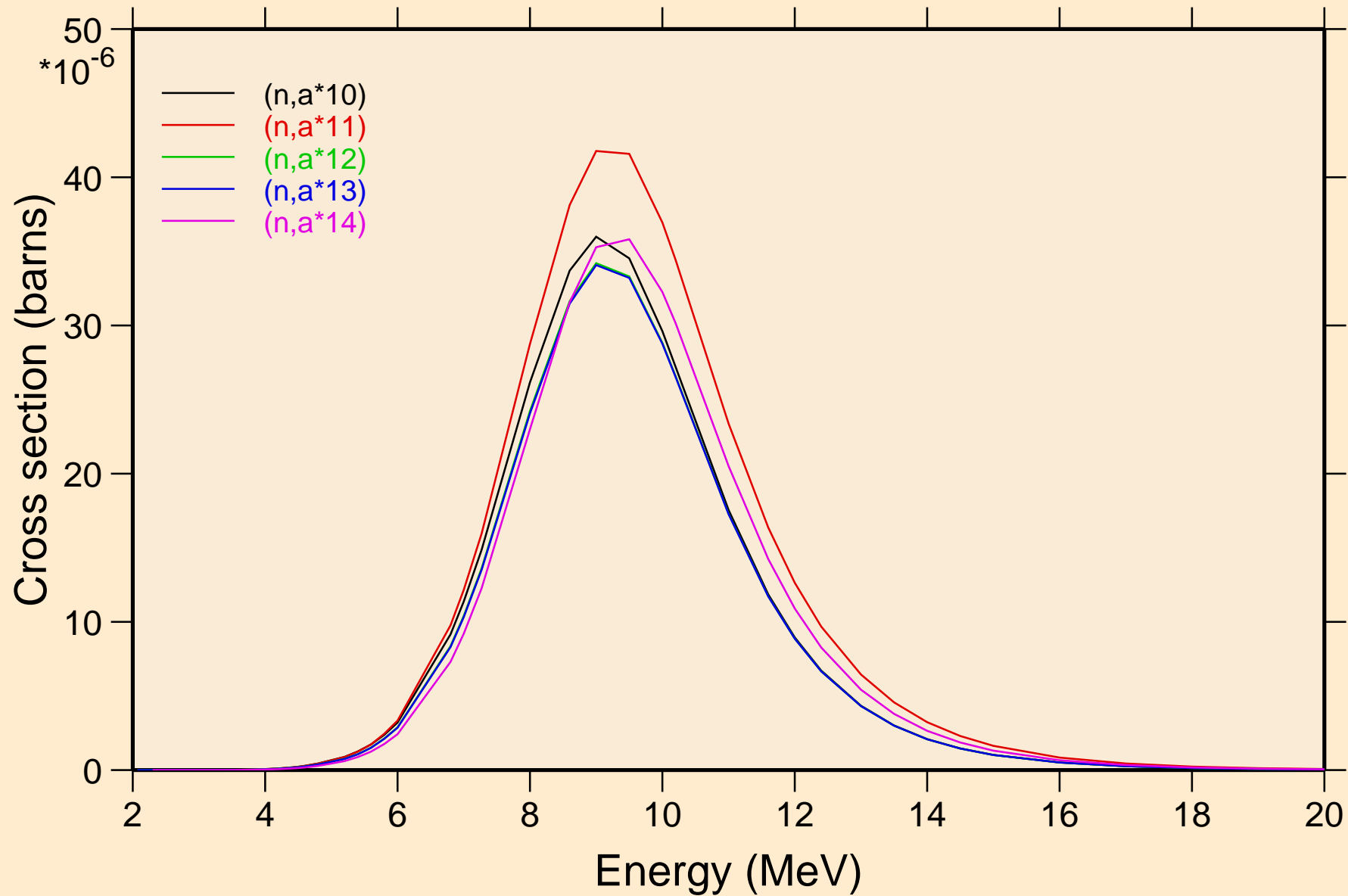
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Threshold reactions



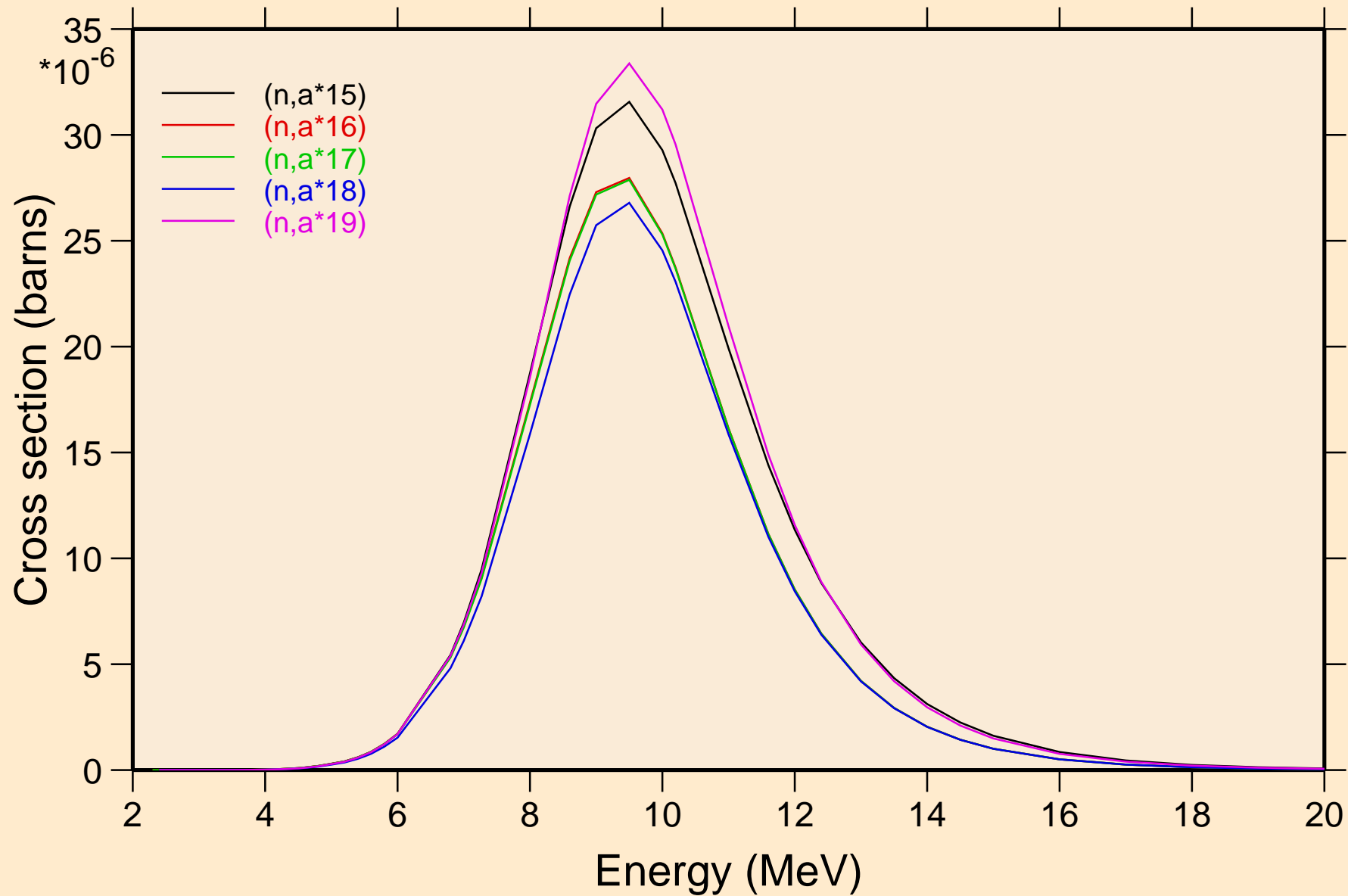
ENDF/B-VII.1 ZR-91

Threshold reactions



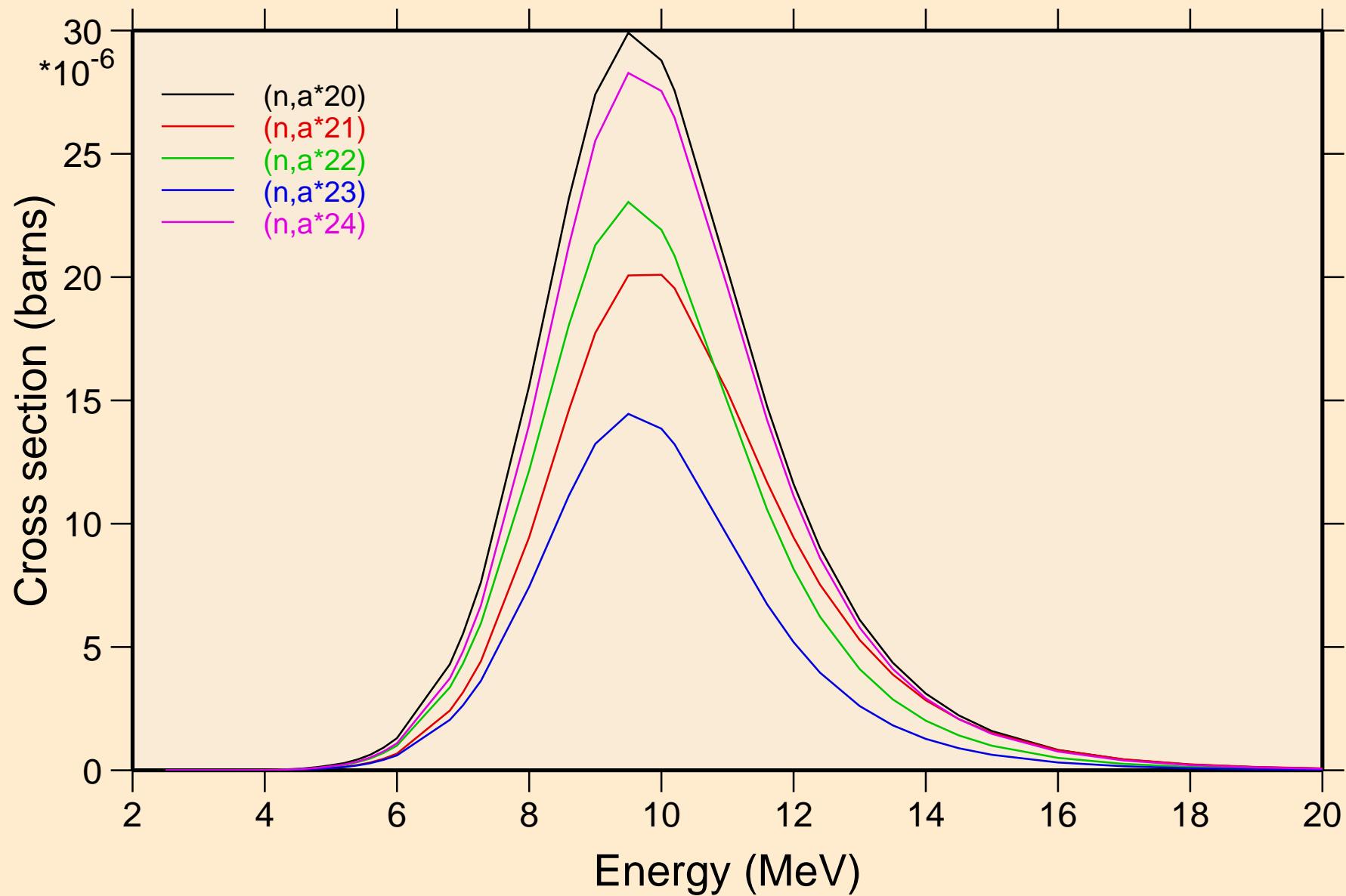
ENDF/B-VII.1 ZR-91

Threshold reactions



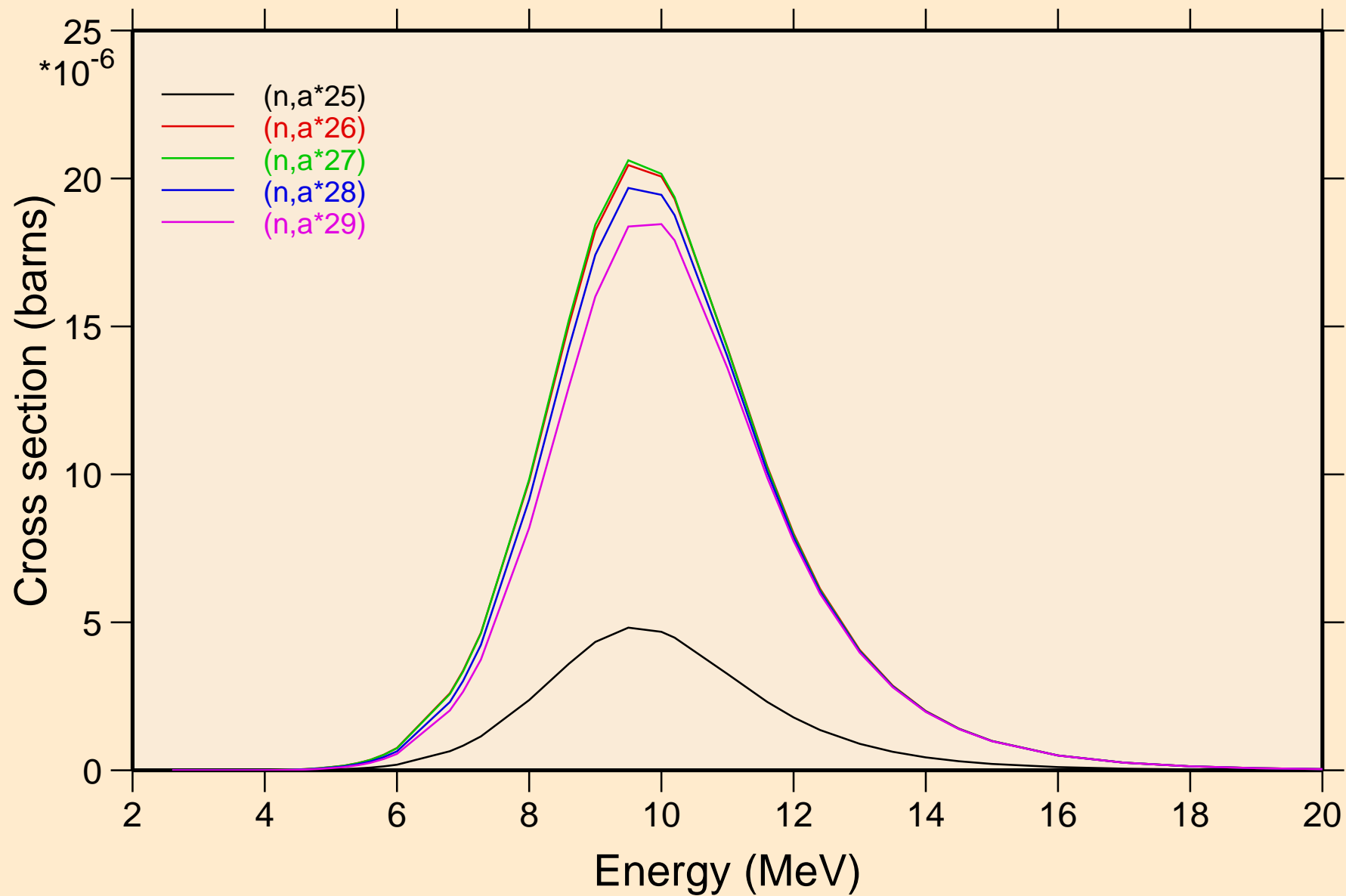
ENDF/B-VII.1 ZR-91

Threshold reactions



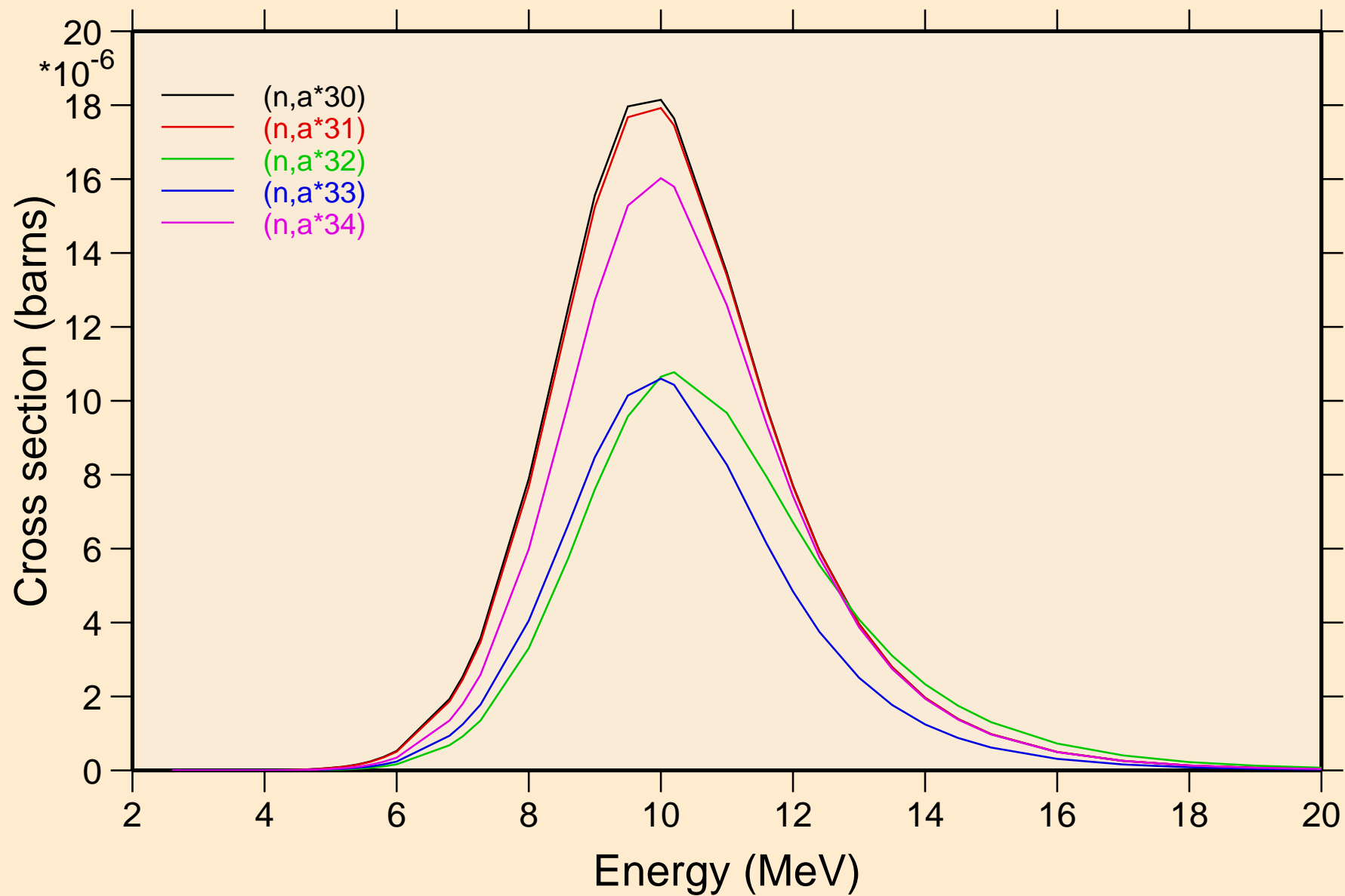
ENDF/B-VII.1 ZR-91

Threshold reactions



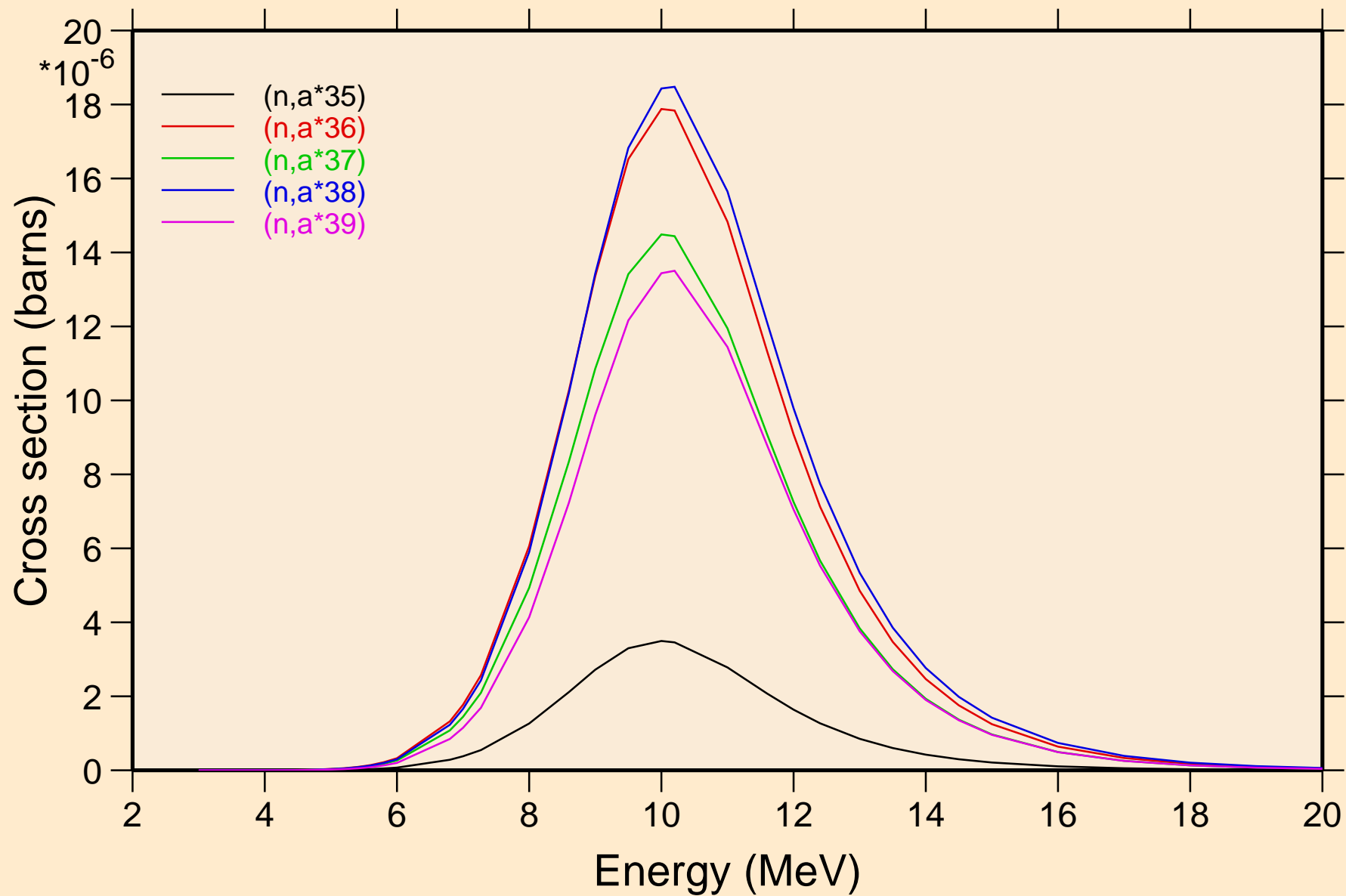
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Threshold reactions

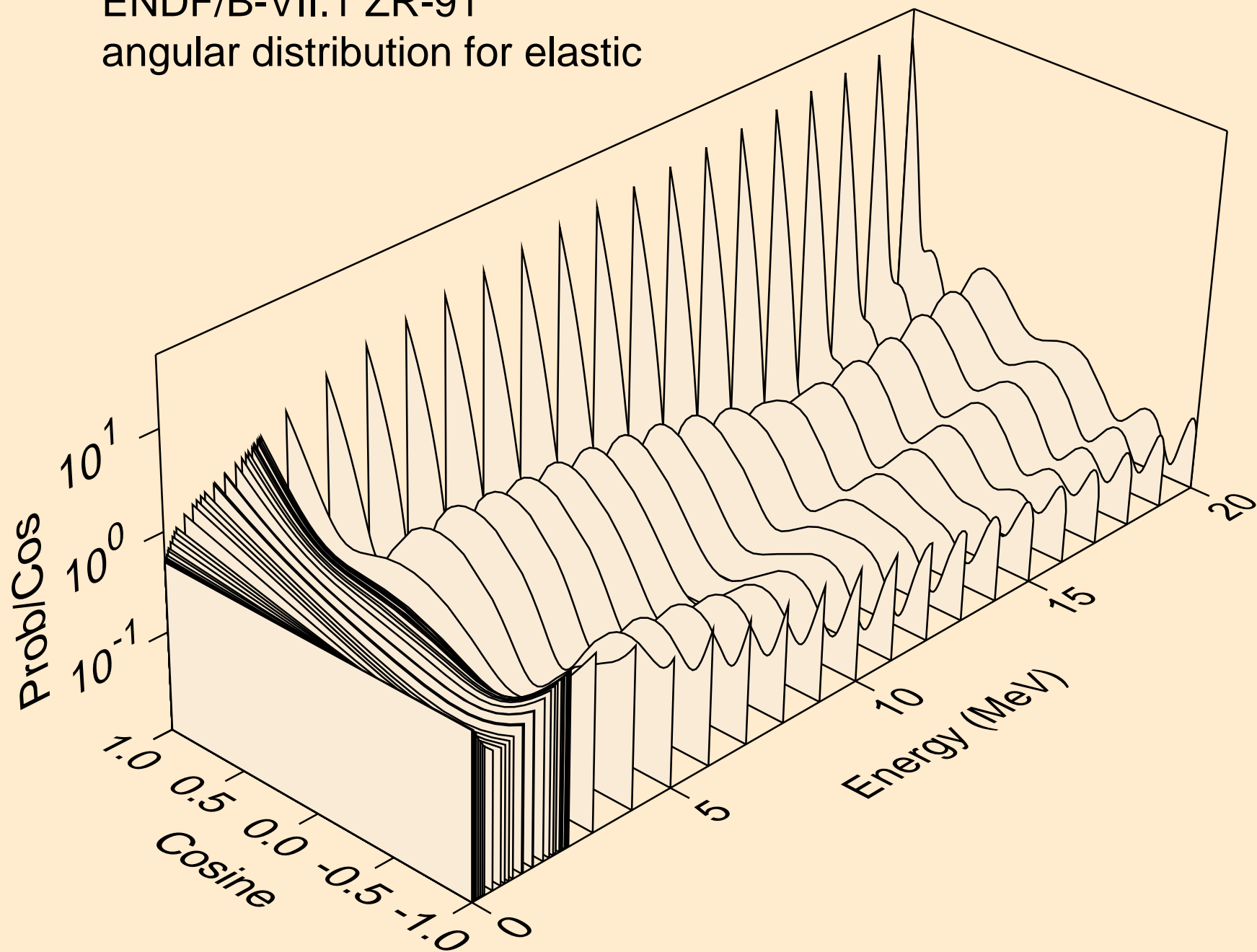


ENDF/B-VII.1 ZR-91

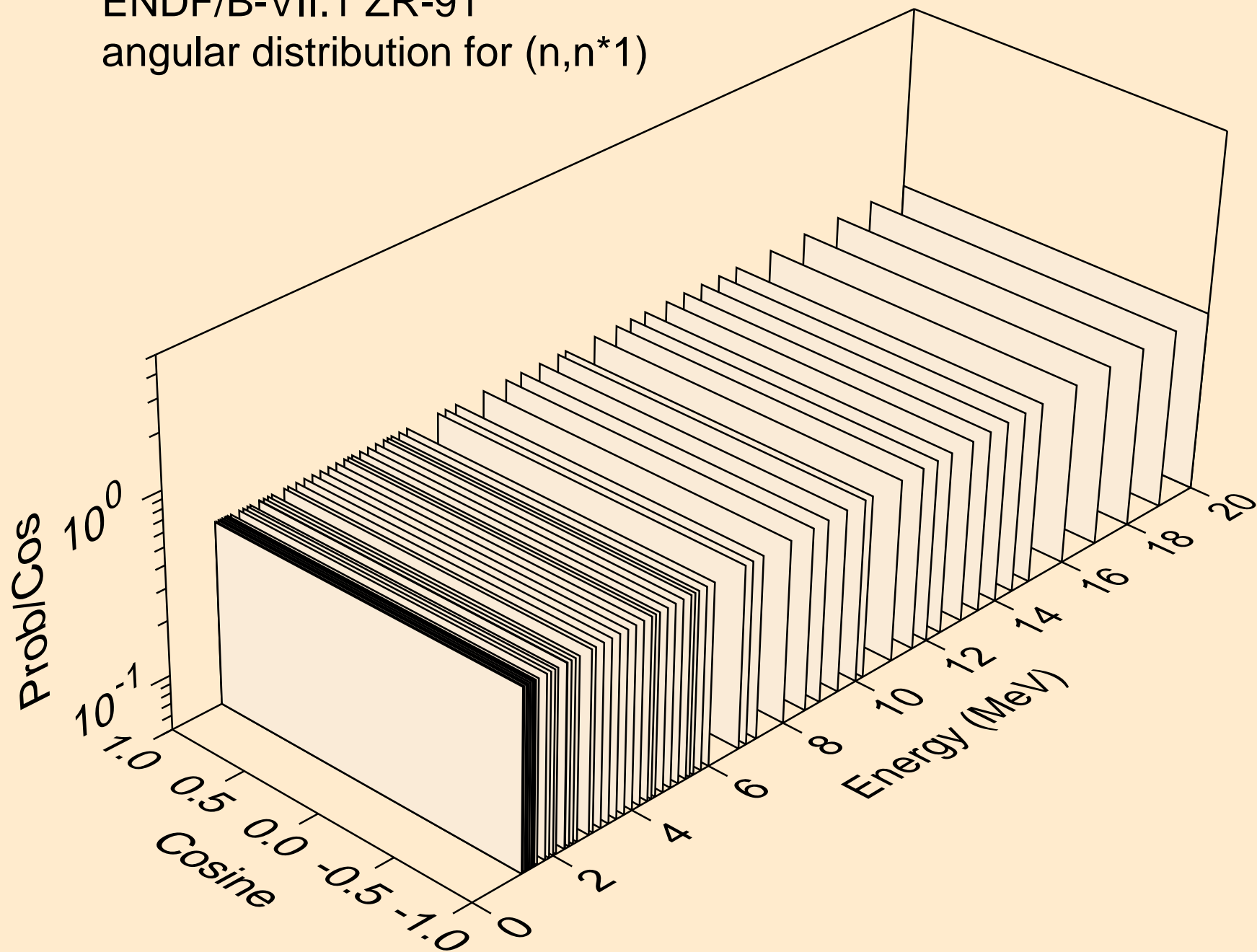
Threshold reactions



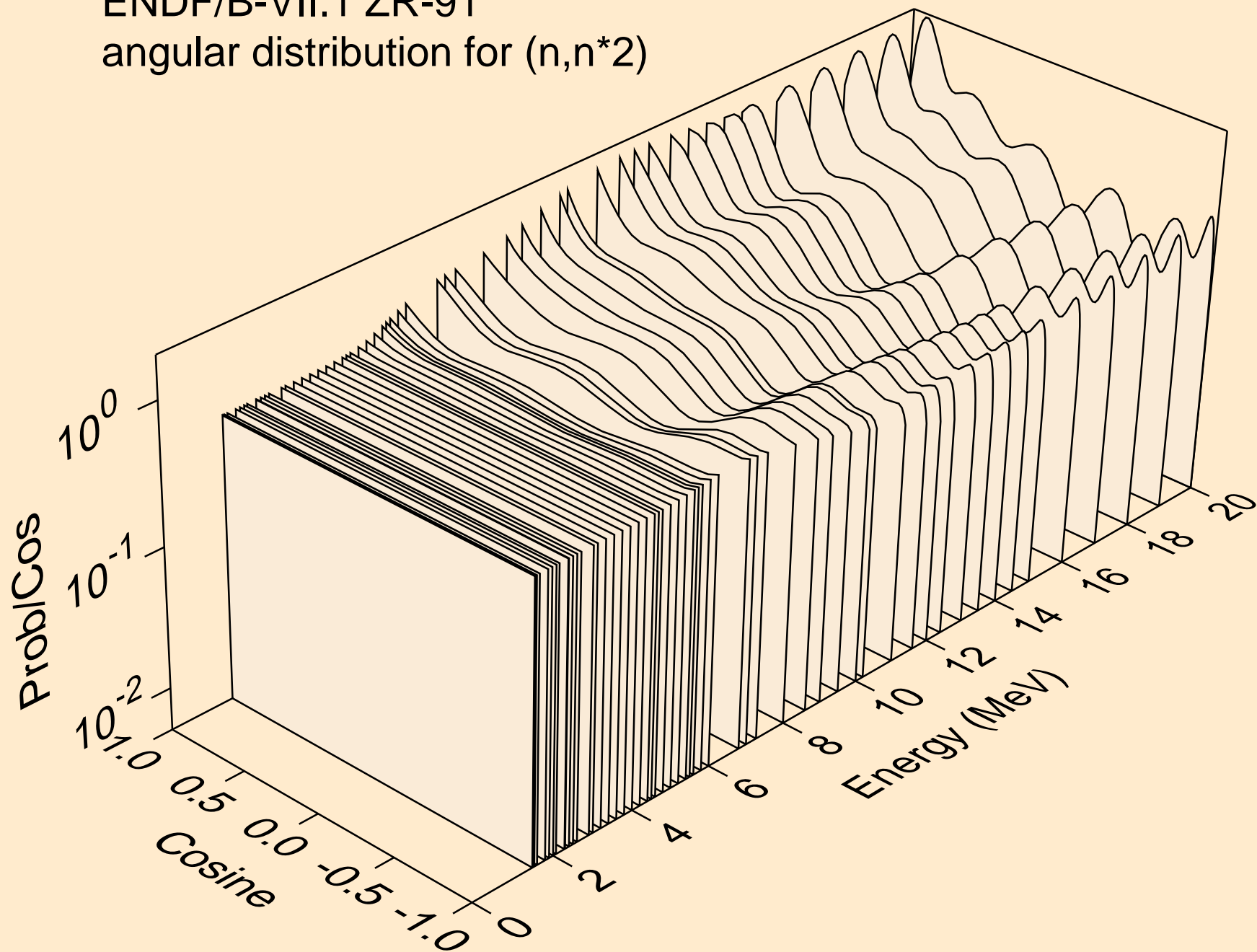
ENDF/B-VII.1 ZR-91
angular distribution for elastic



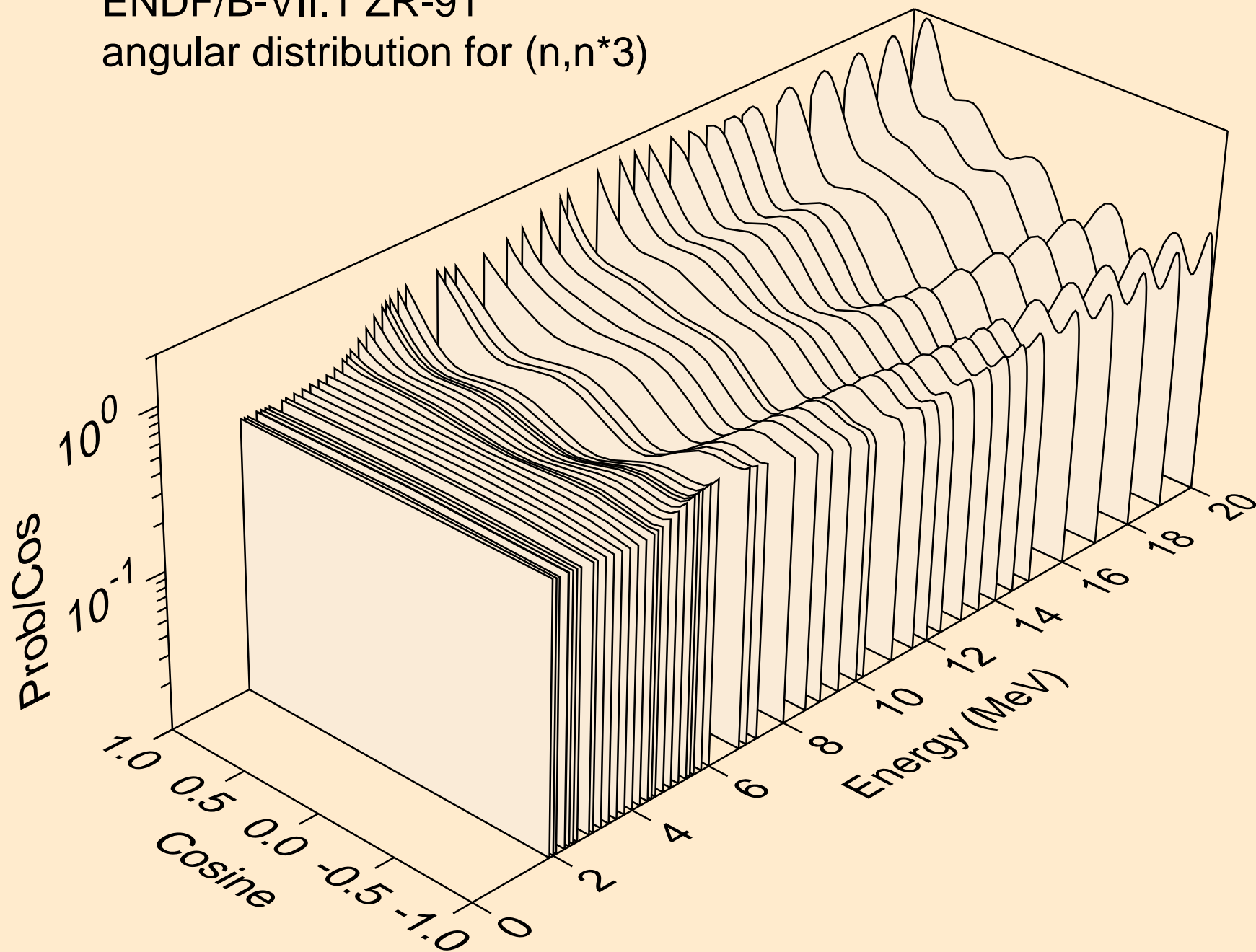
ENDF/B-VII.1 ZR-91
angular distribution for (n,n*1)



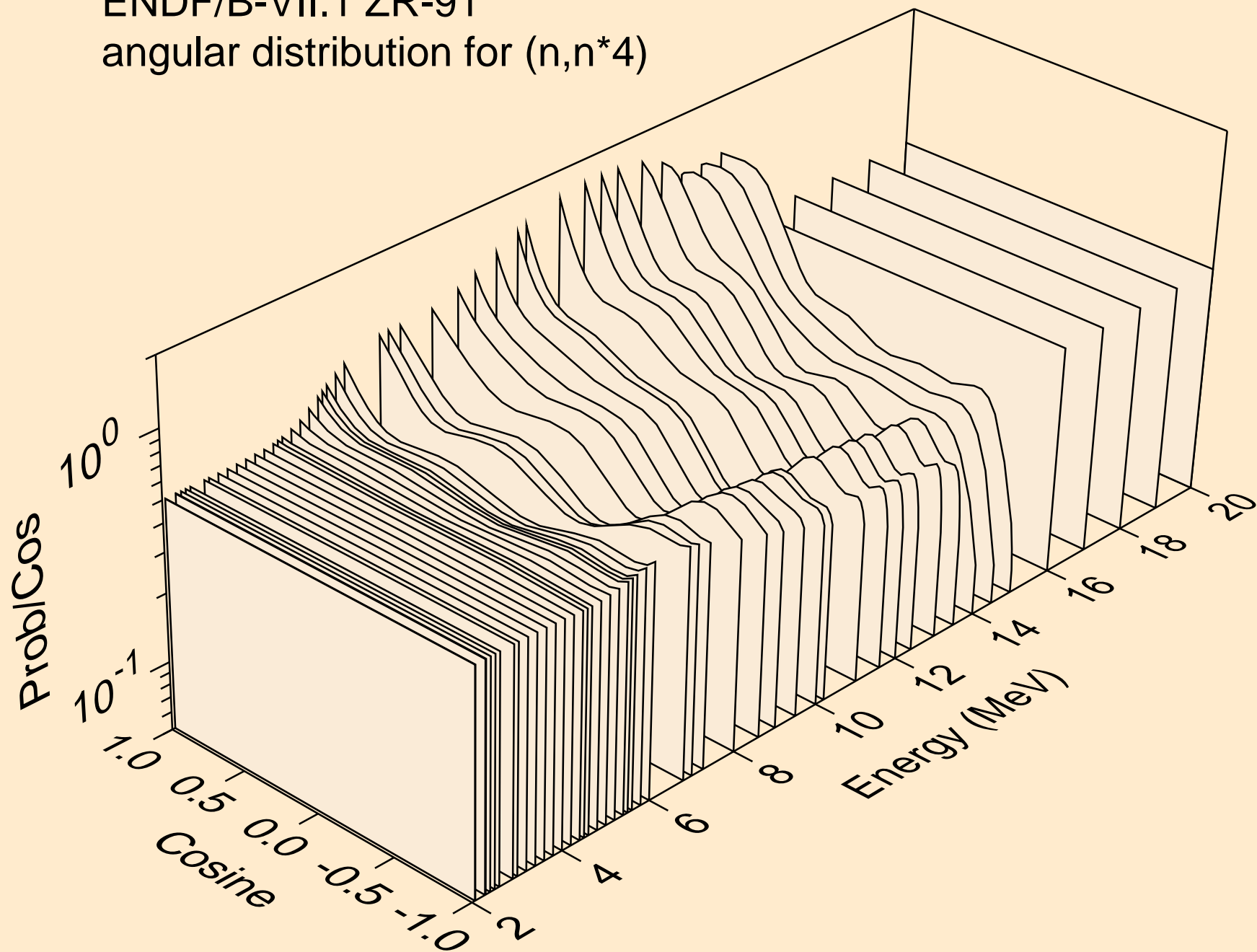
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angular distribution for (n,n*2)



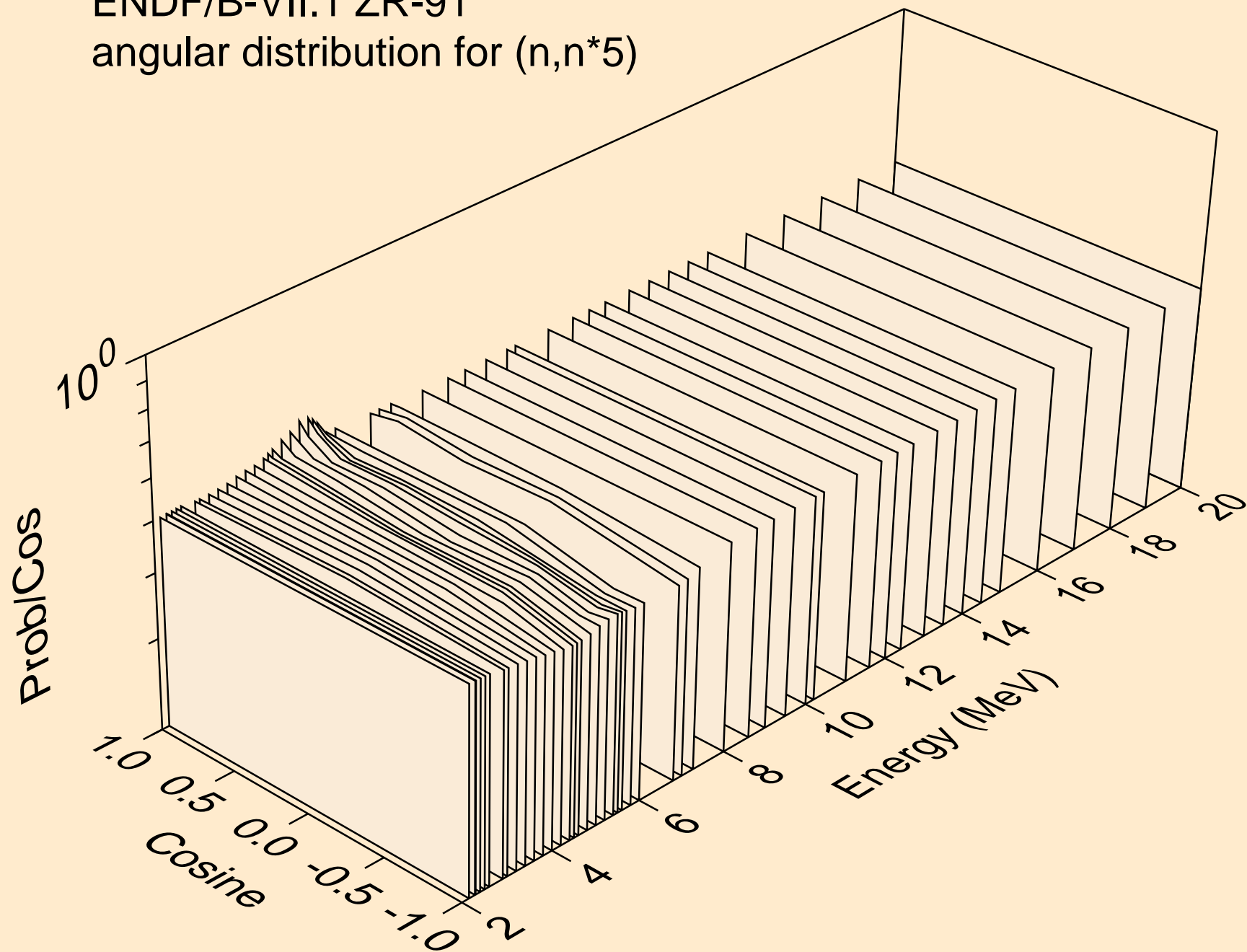
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angular distribution for (n,n*3)



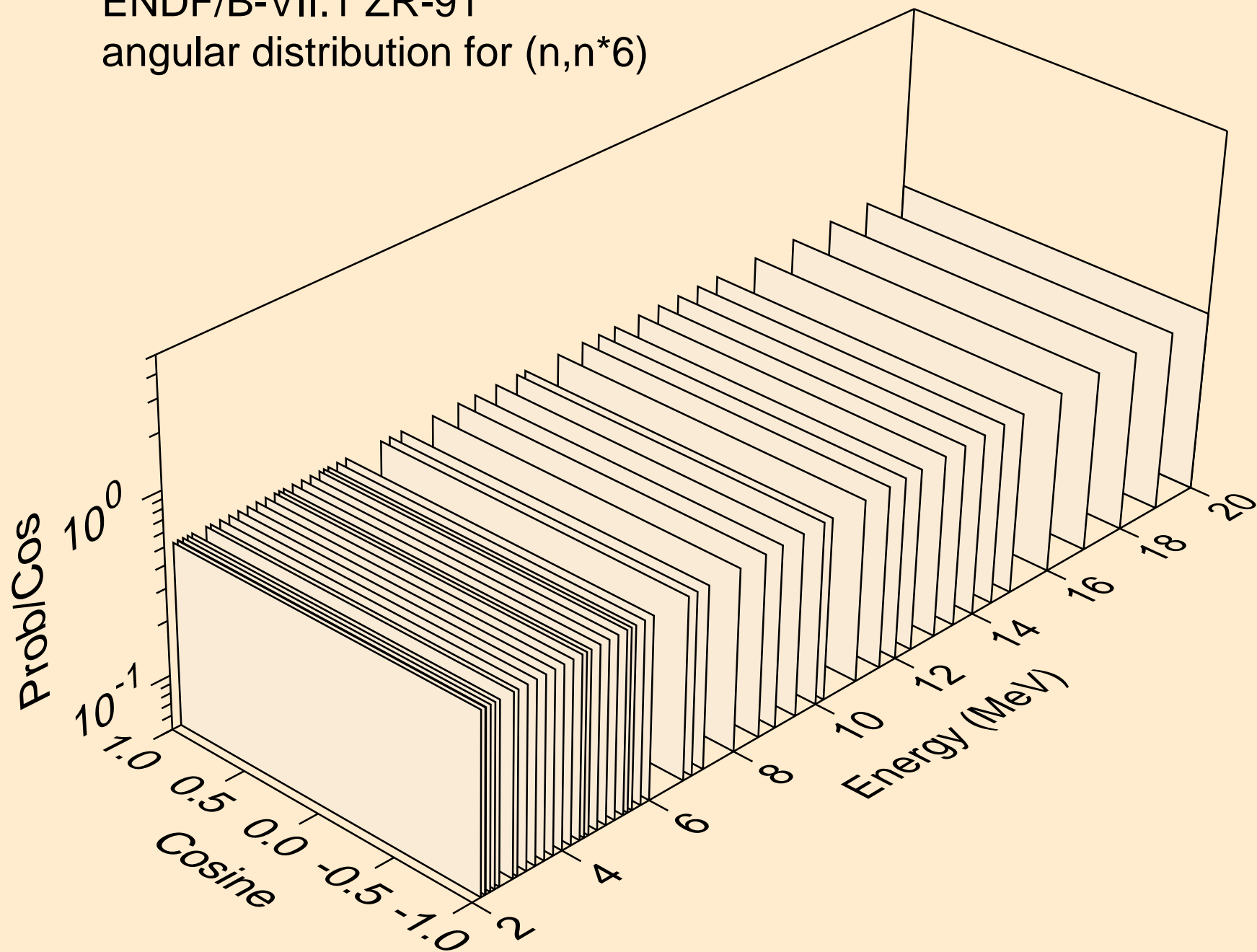
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angular distribution for (n,n*4)



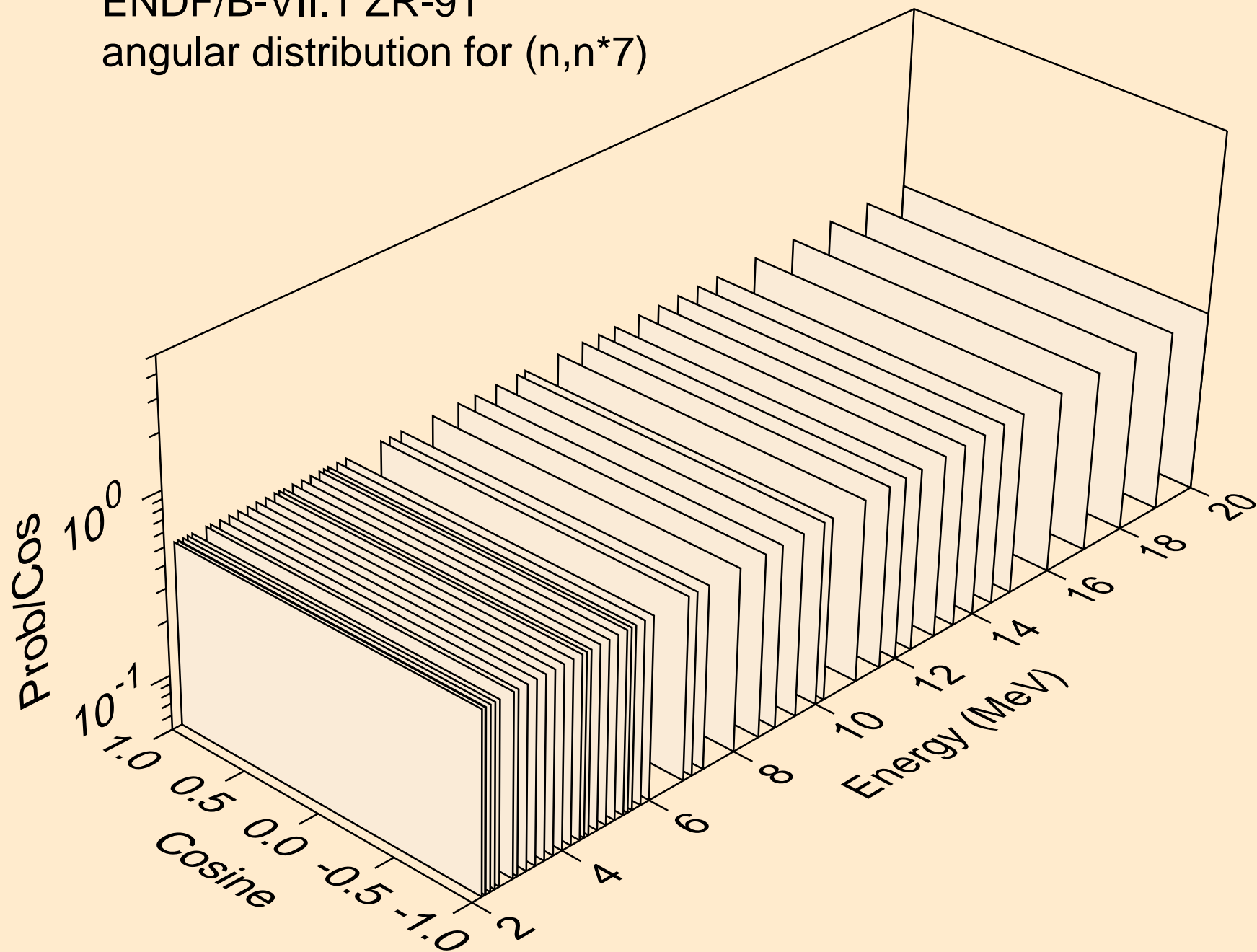
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angular distribution for (n,n*5)



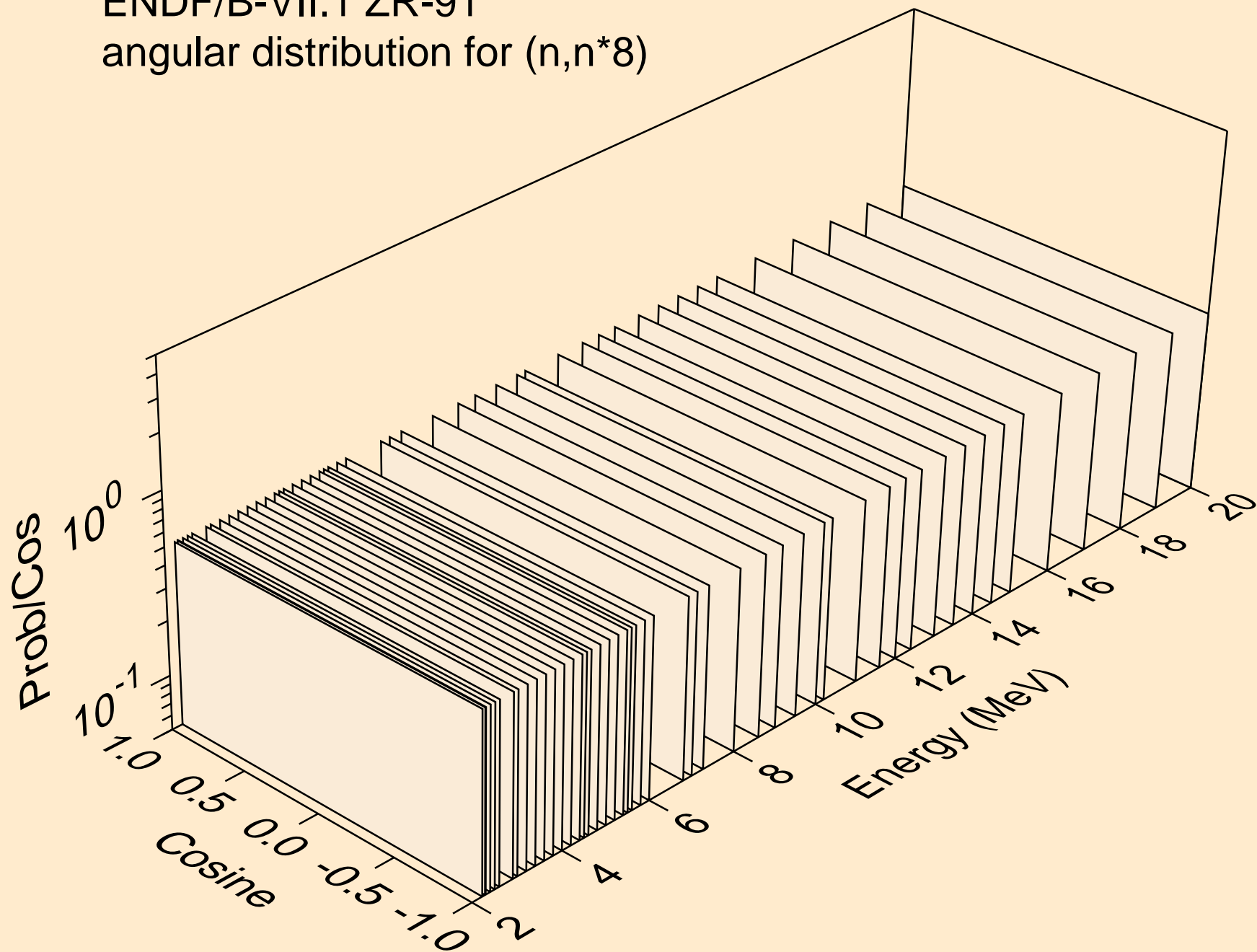
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angular distribution for (n,n*6)



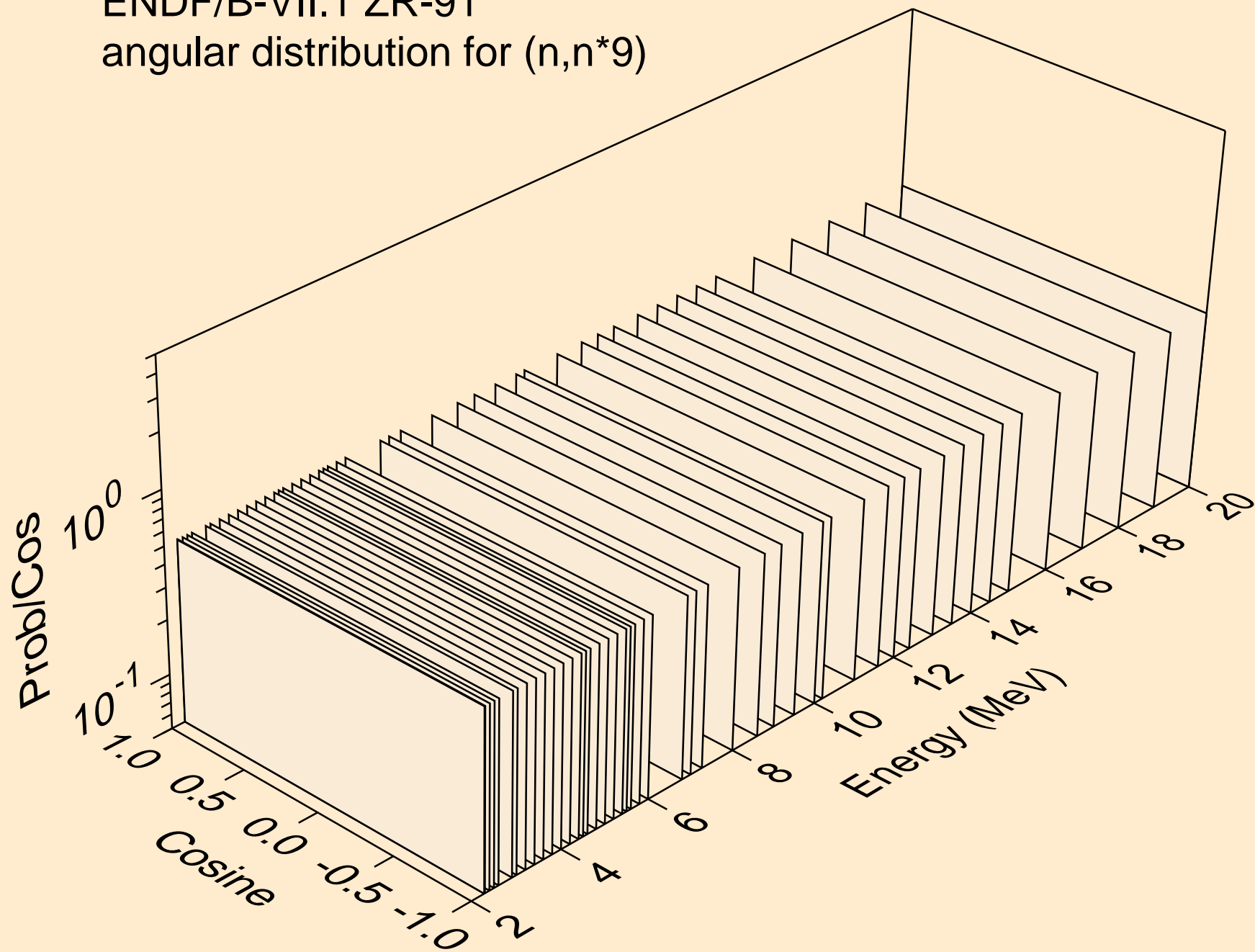
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angular distribution for (n,n*7)



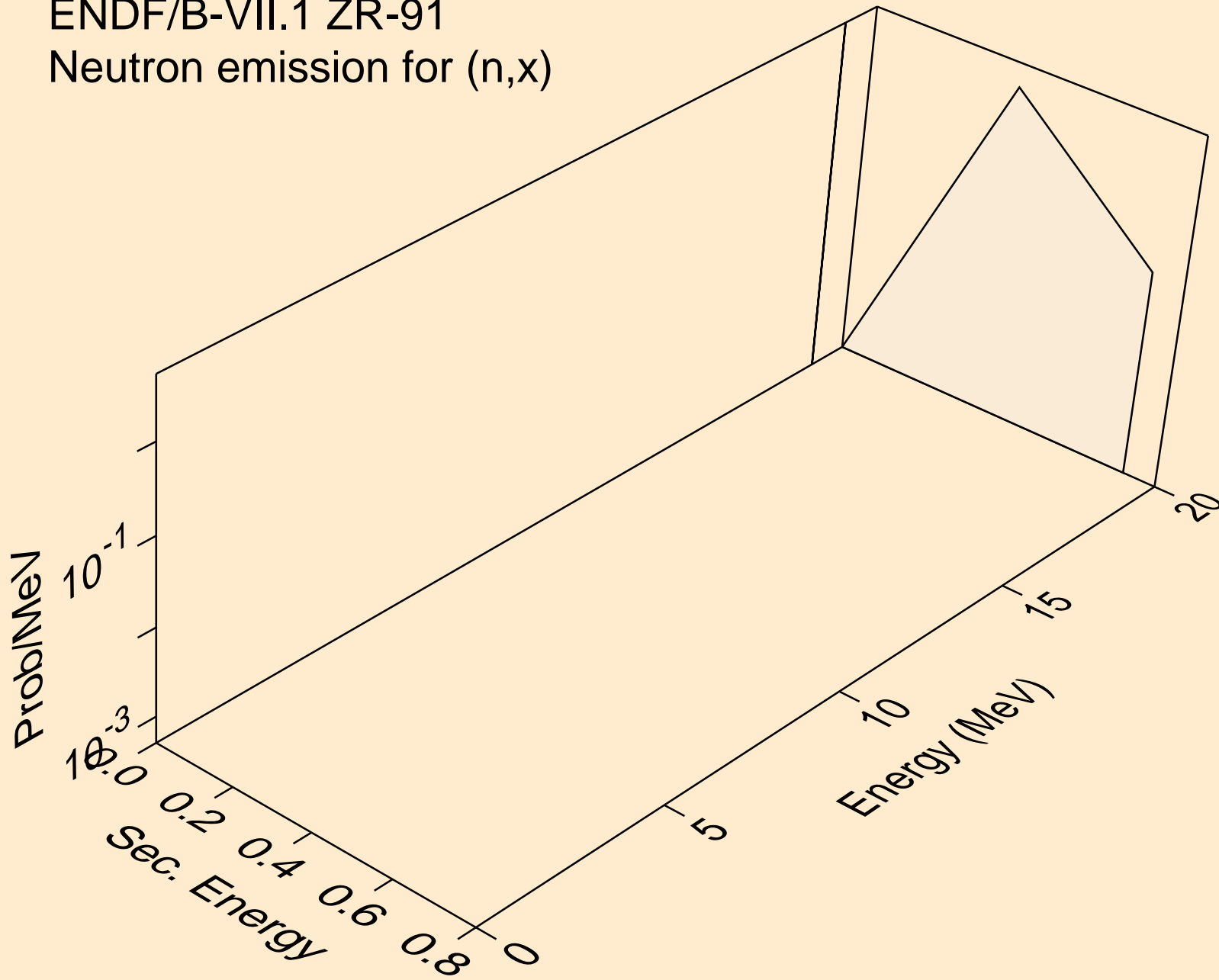
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angular distribution for (n,n*8)



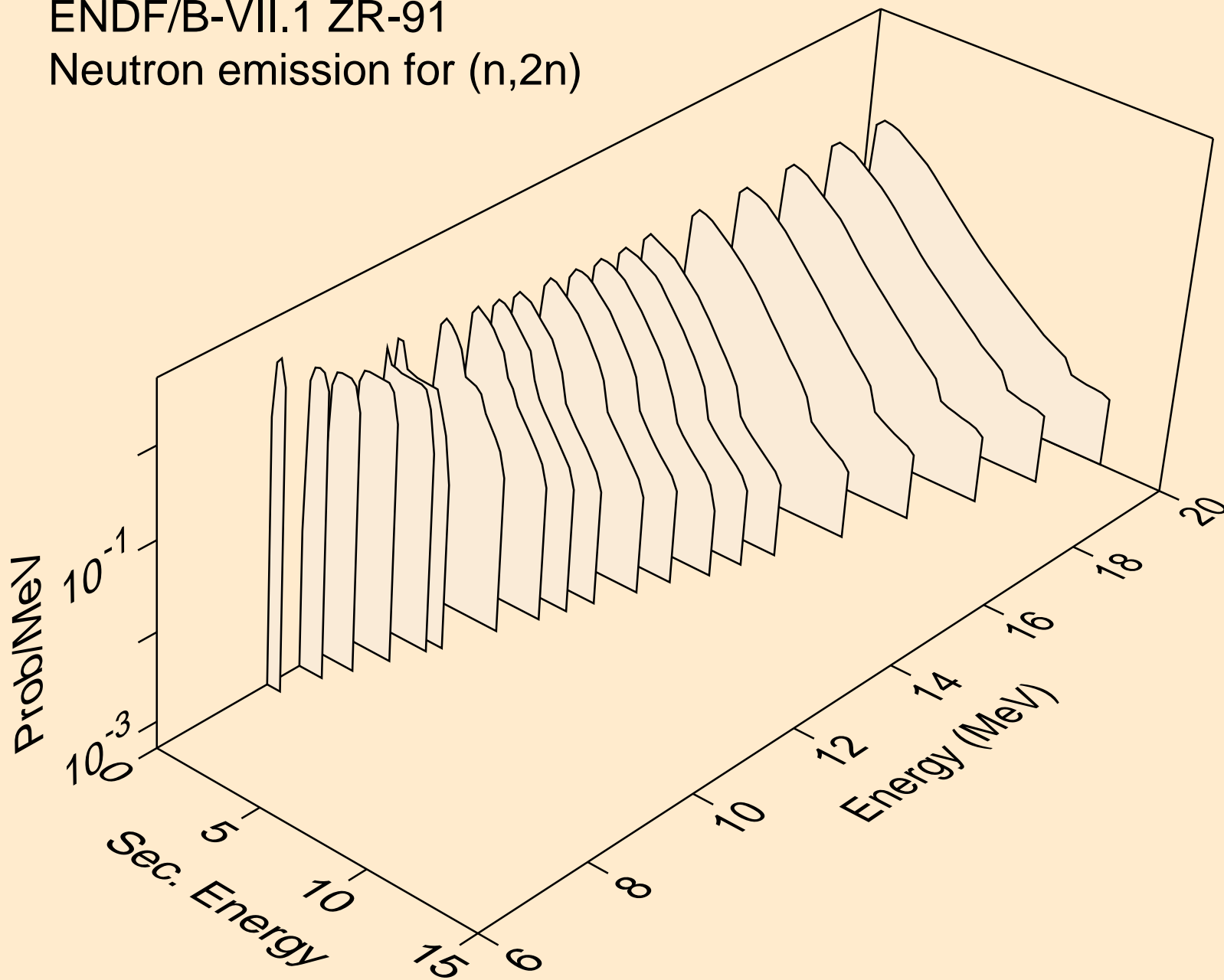
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angular distribution for (n,n*9)



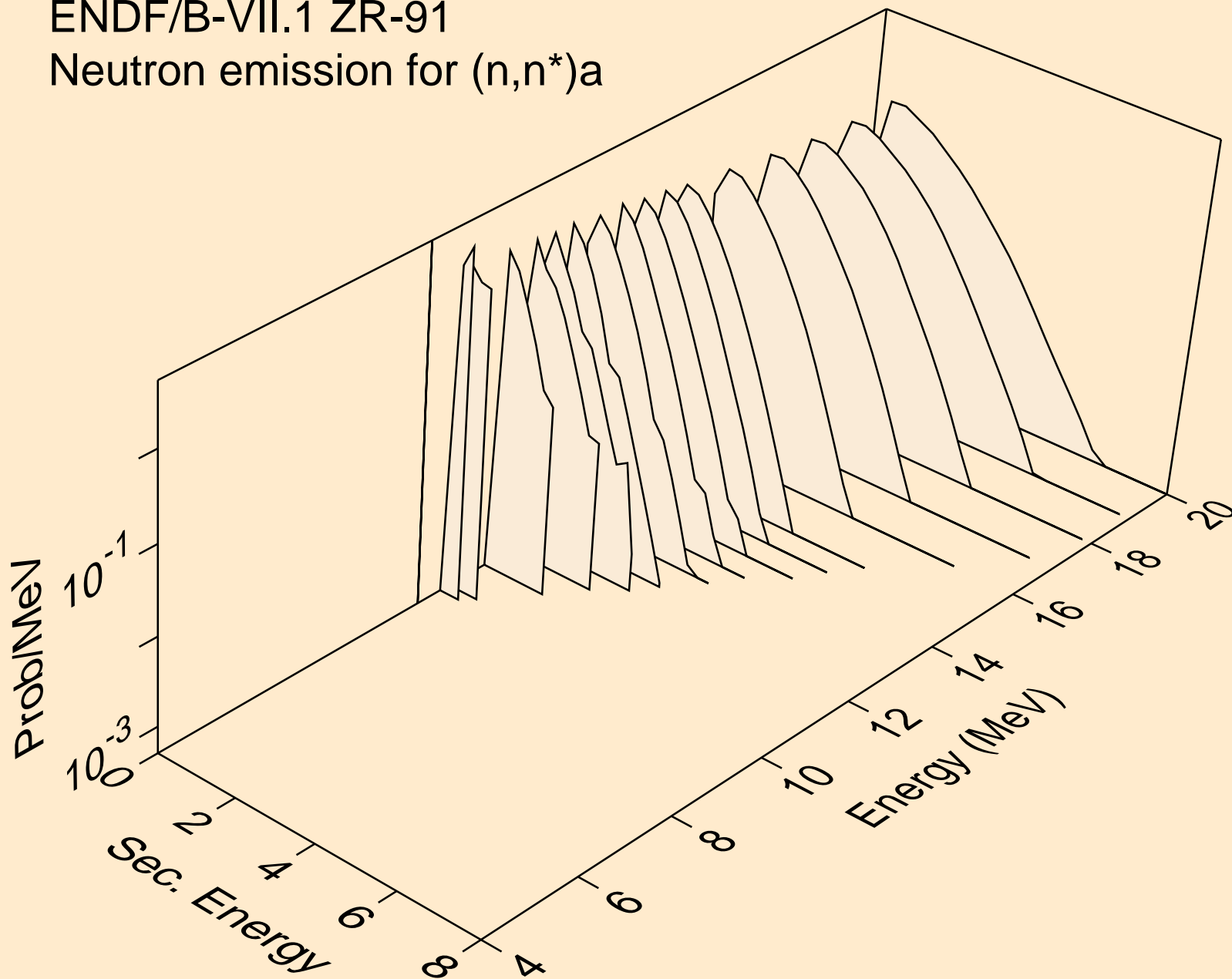
ENDF/B-VII.1 ZR-91
Neutron emission for (n,x)



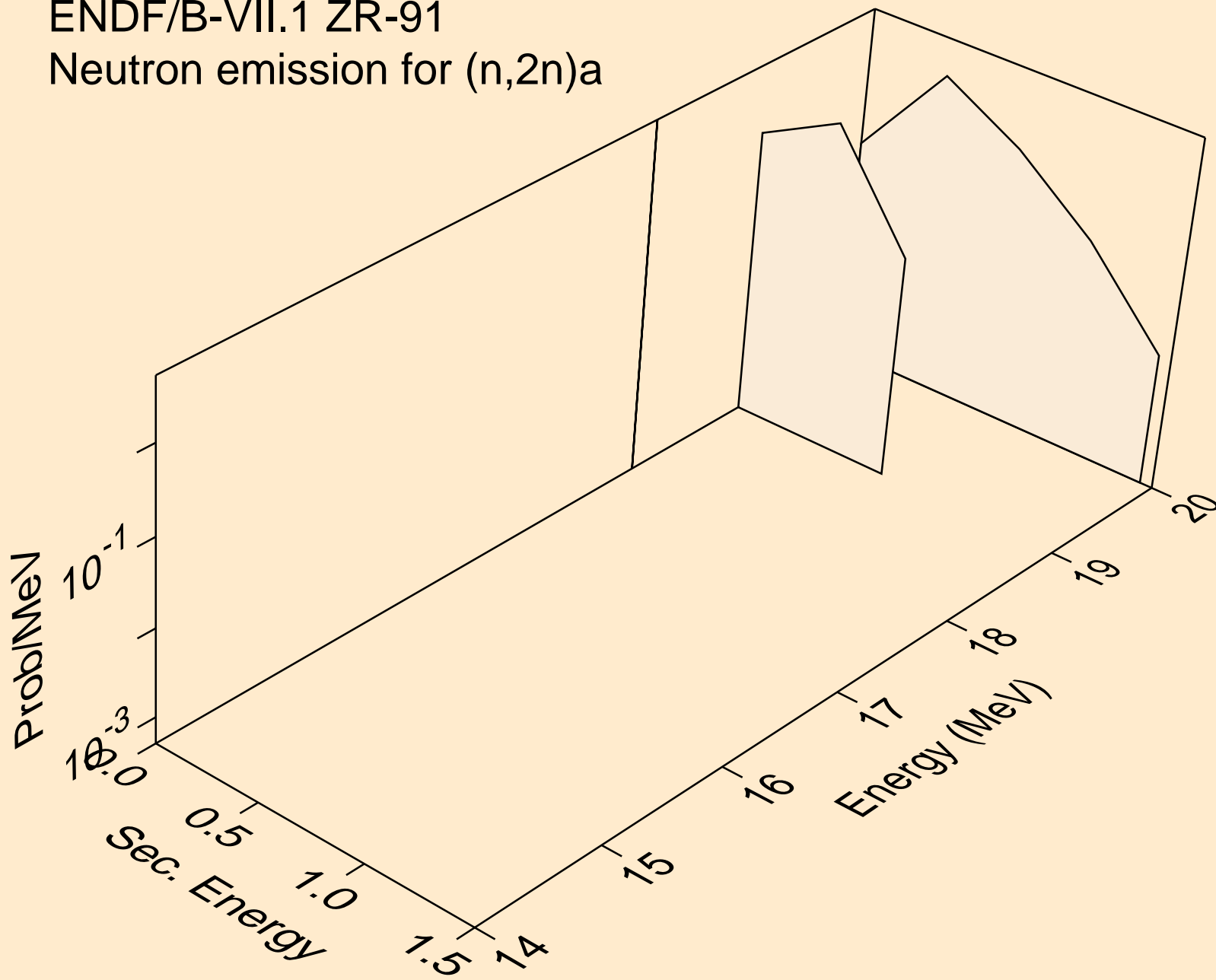
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Neutron emission for (n,2n)



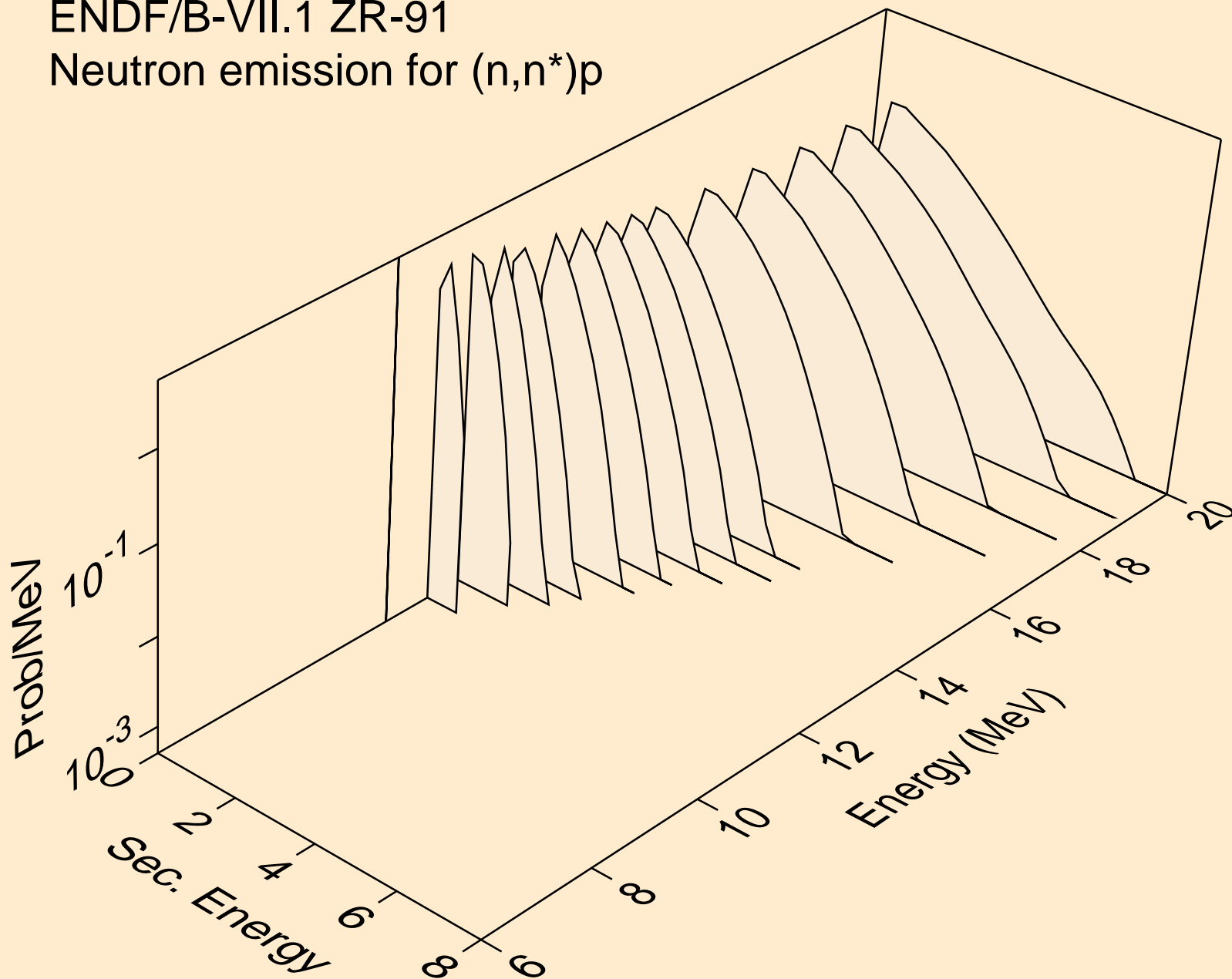
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Neutron emission for (n,n*)a



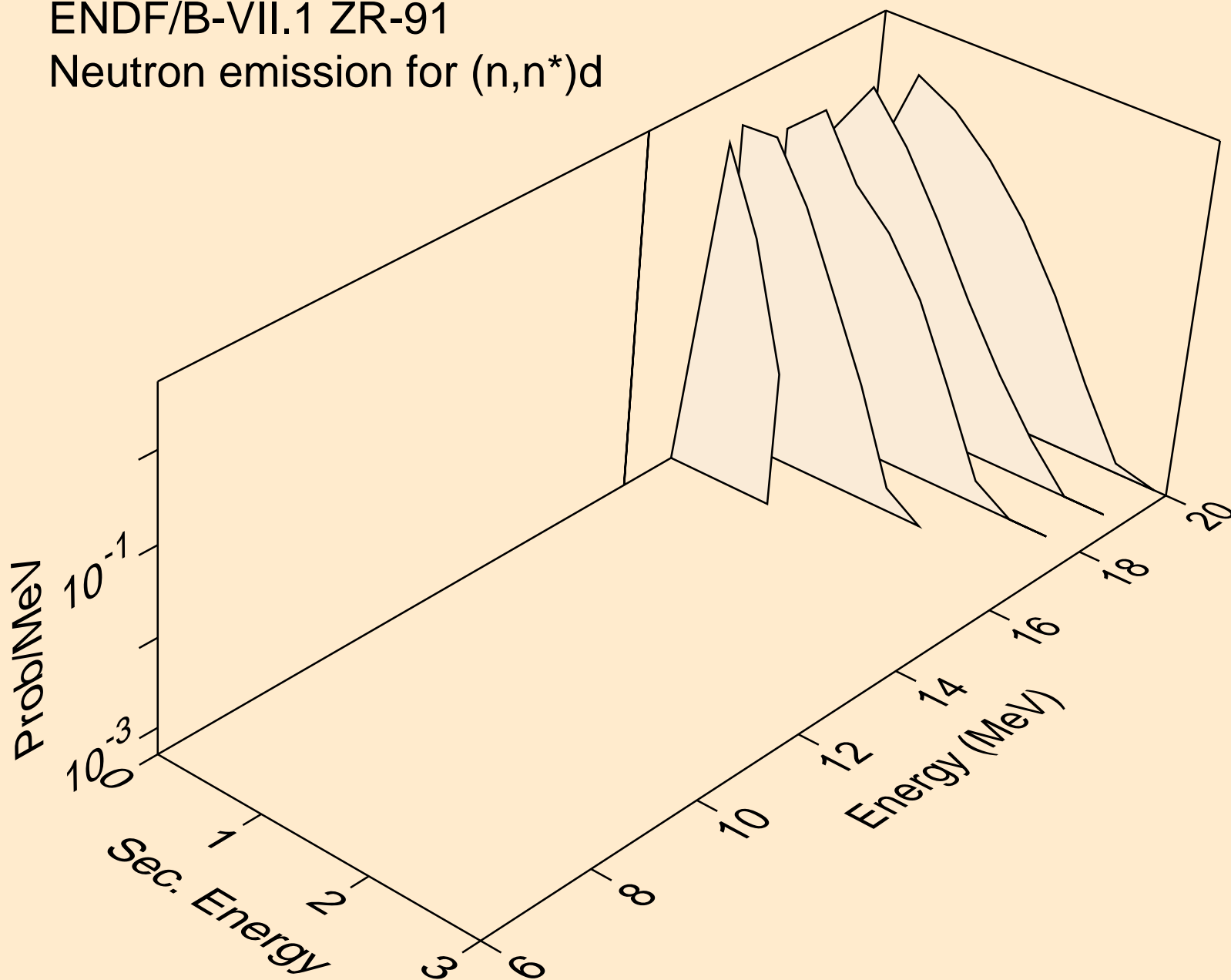
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Neutron emission for (n,2n)a



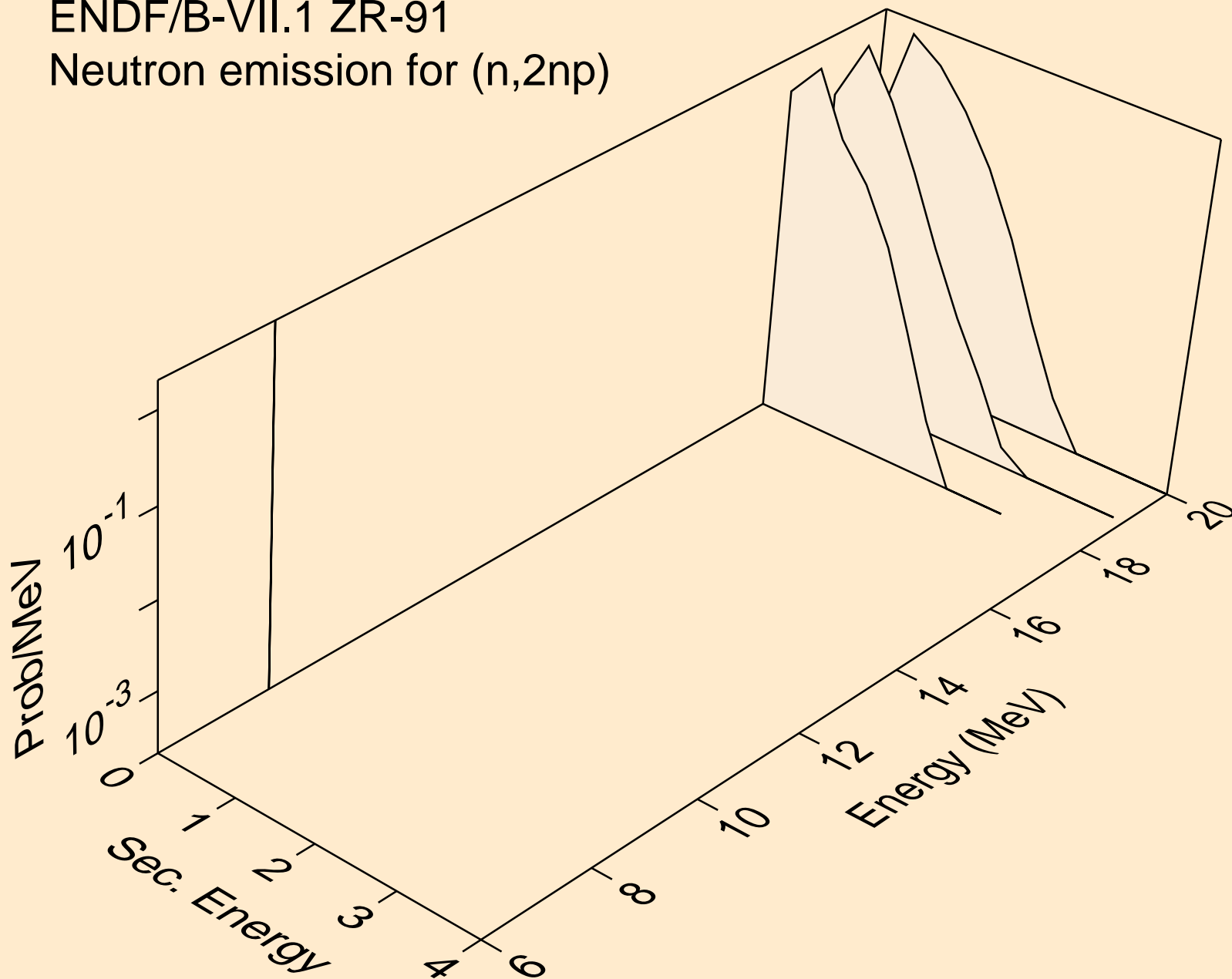
ENDF/B-VII.1 ZR-91
Neutron emission for (n,n*)p



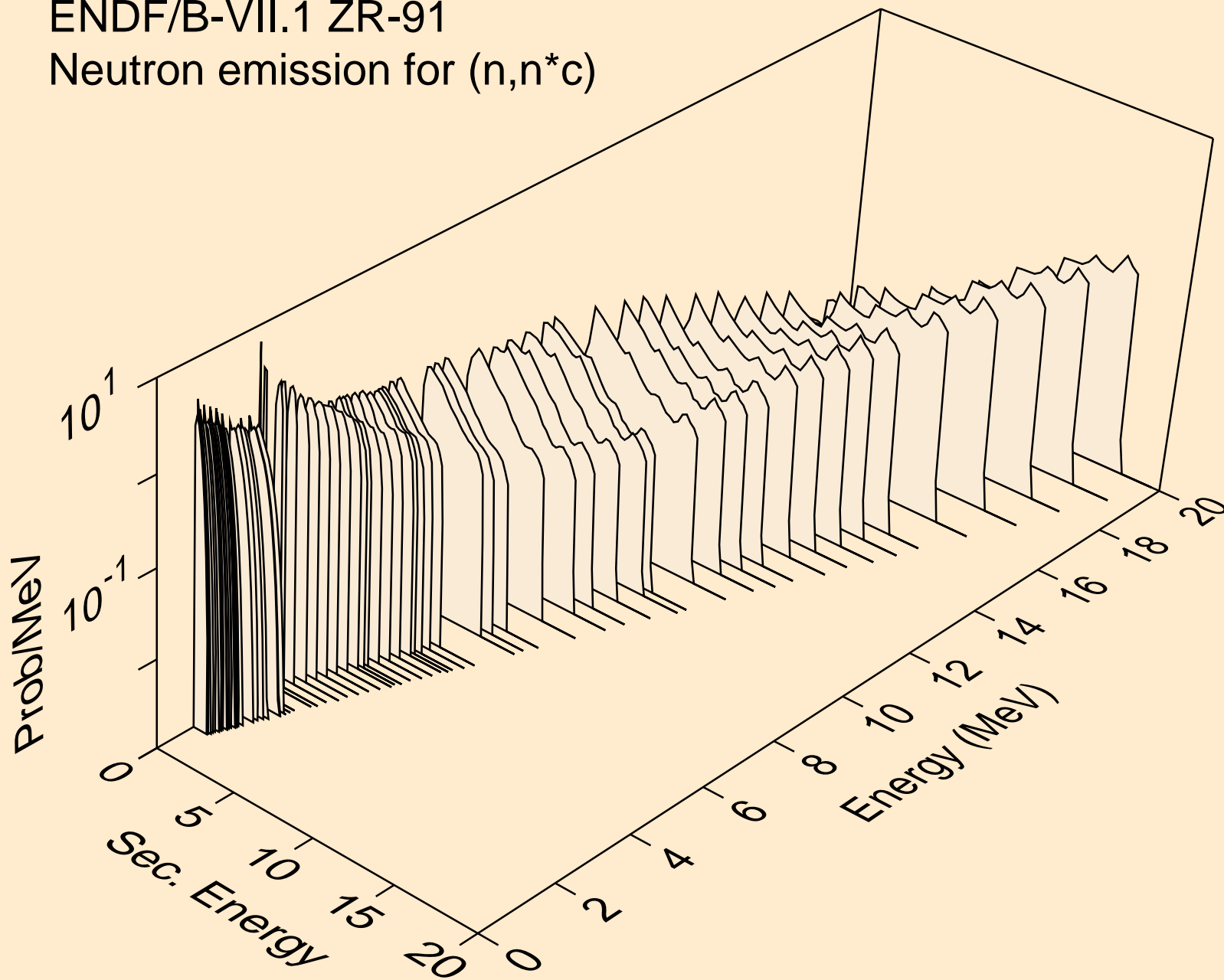
ENDF/B-VII.1 ZR-91
Neutron emission for (n,n*)d



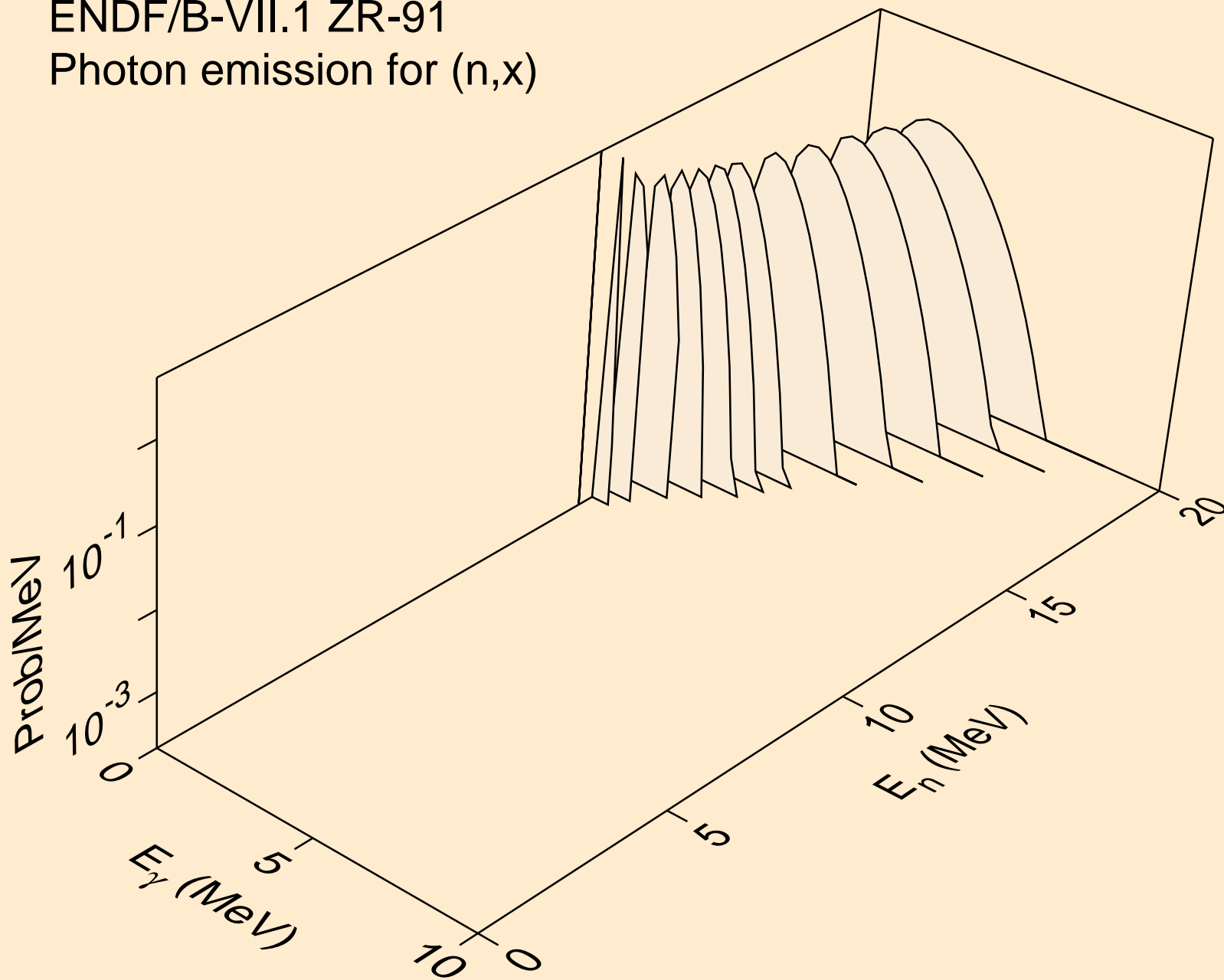
ENDF/B-VII.1 ZR-91
Neutron emission for (n,2np)



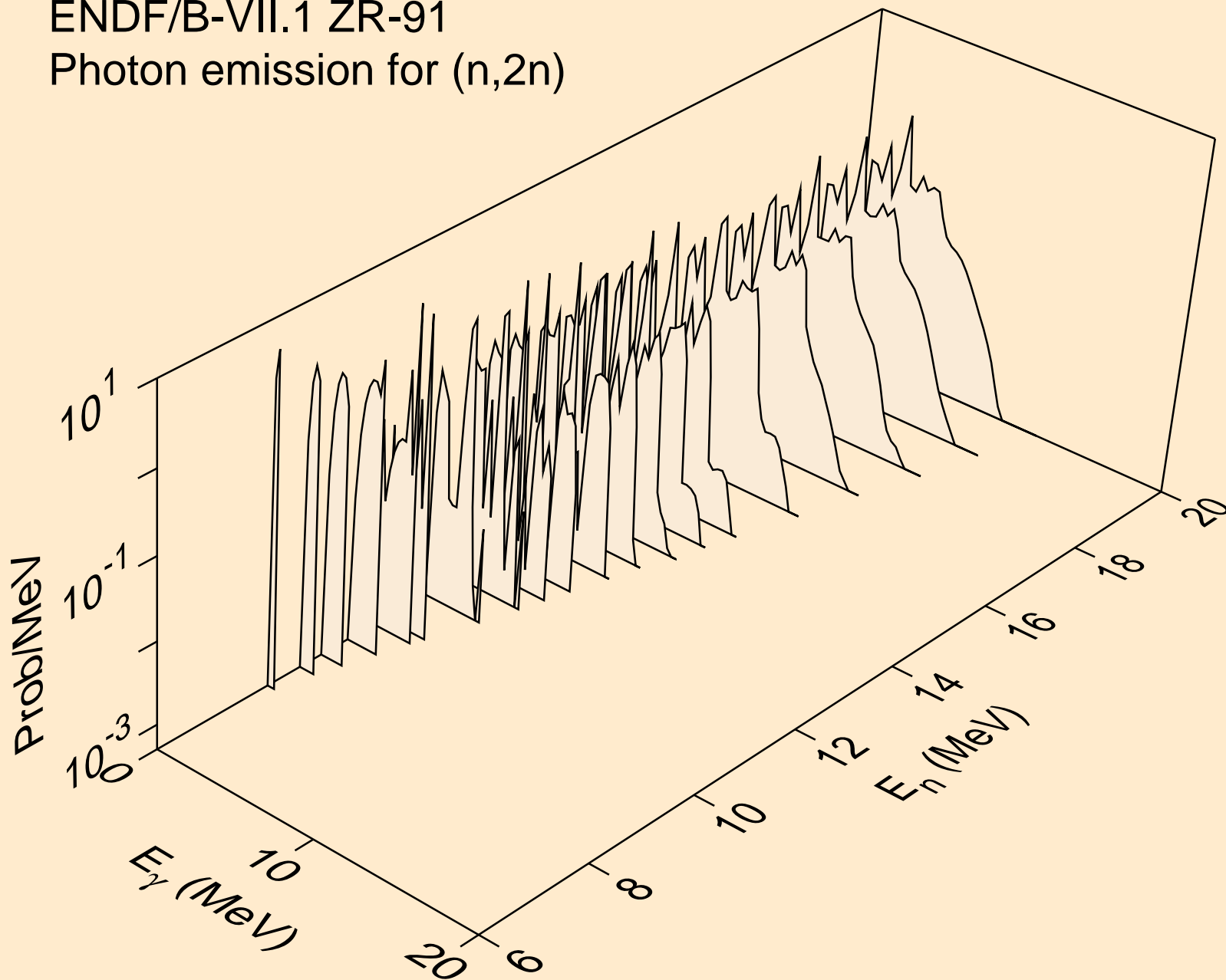
ENDF/B-VII.1 ZR-91
Neutron emission for (n,n*c)



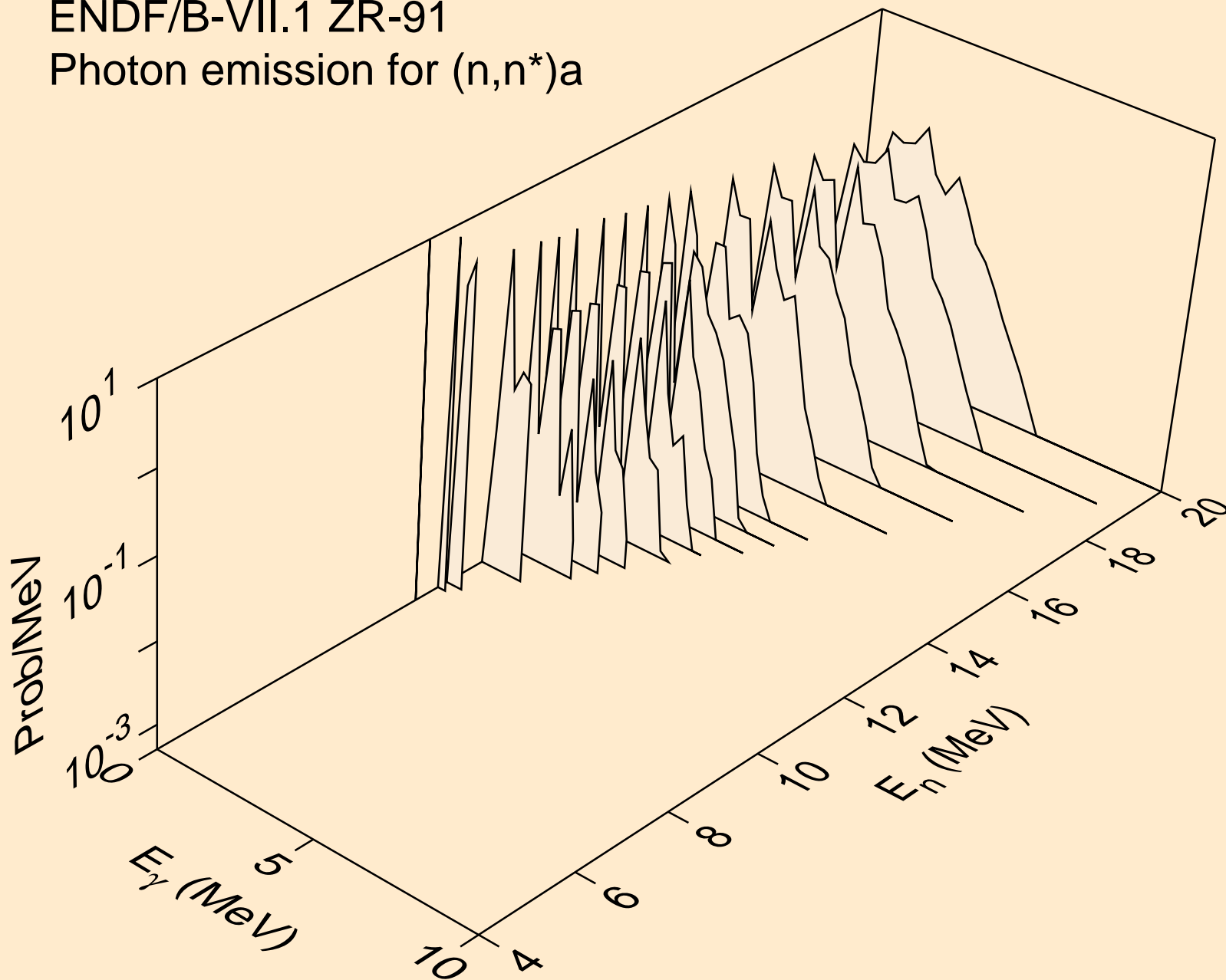
ENDF/B-VII.1 ZR-91
Photon emission for (n,x)



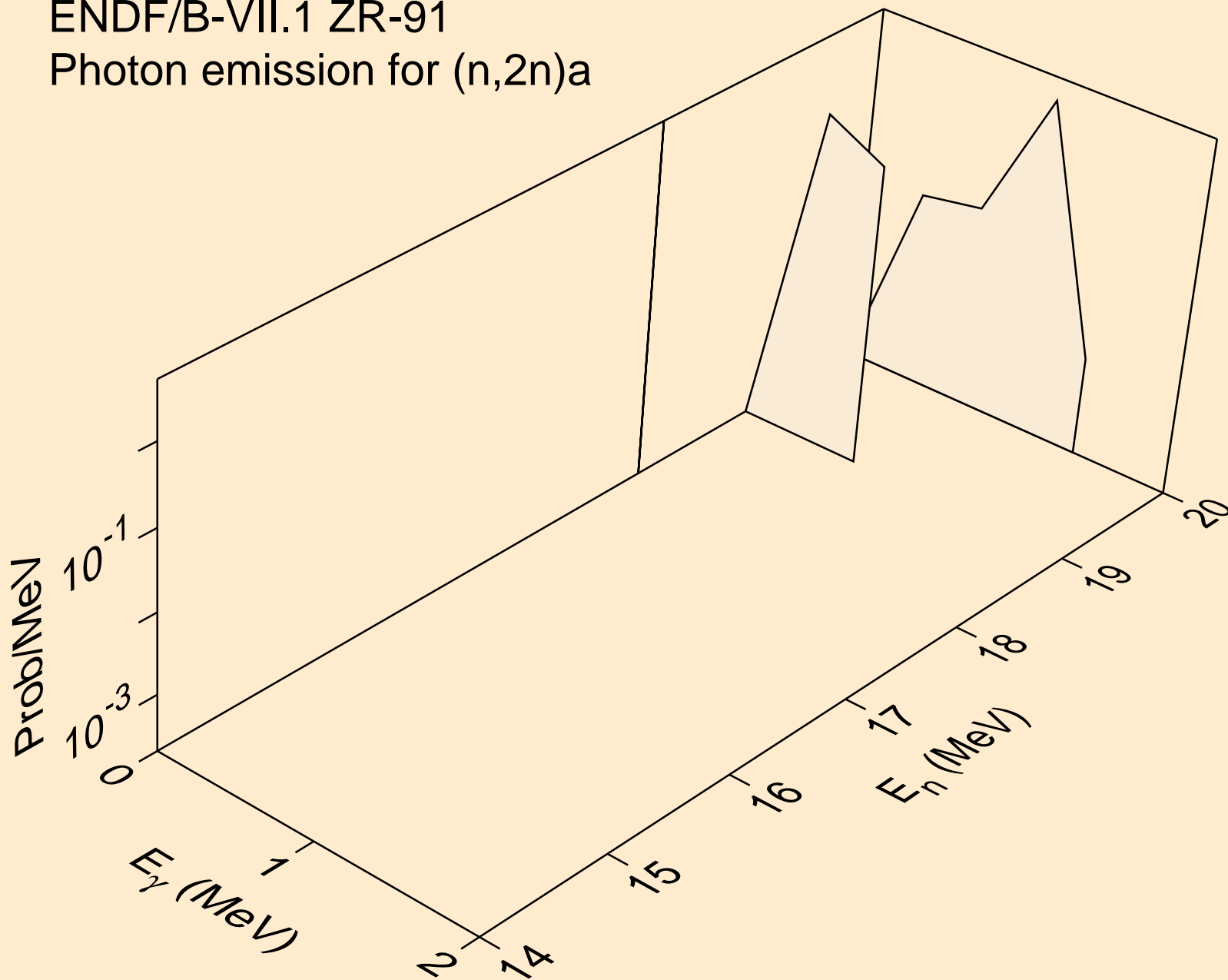
ENDF/B-VII.1 ZR-91
Photon emission for (n,2n)



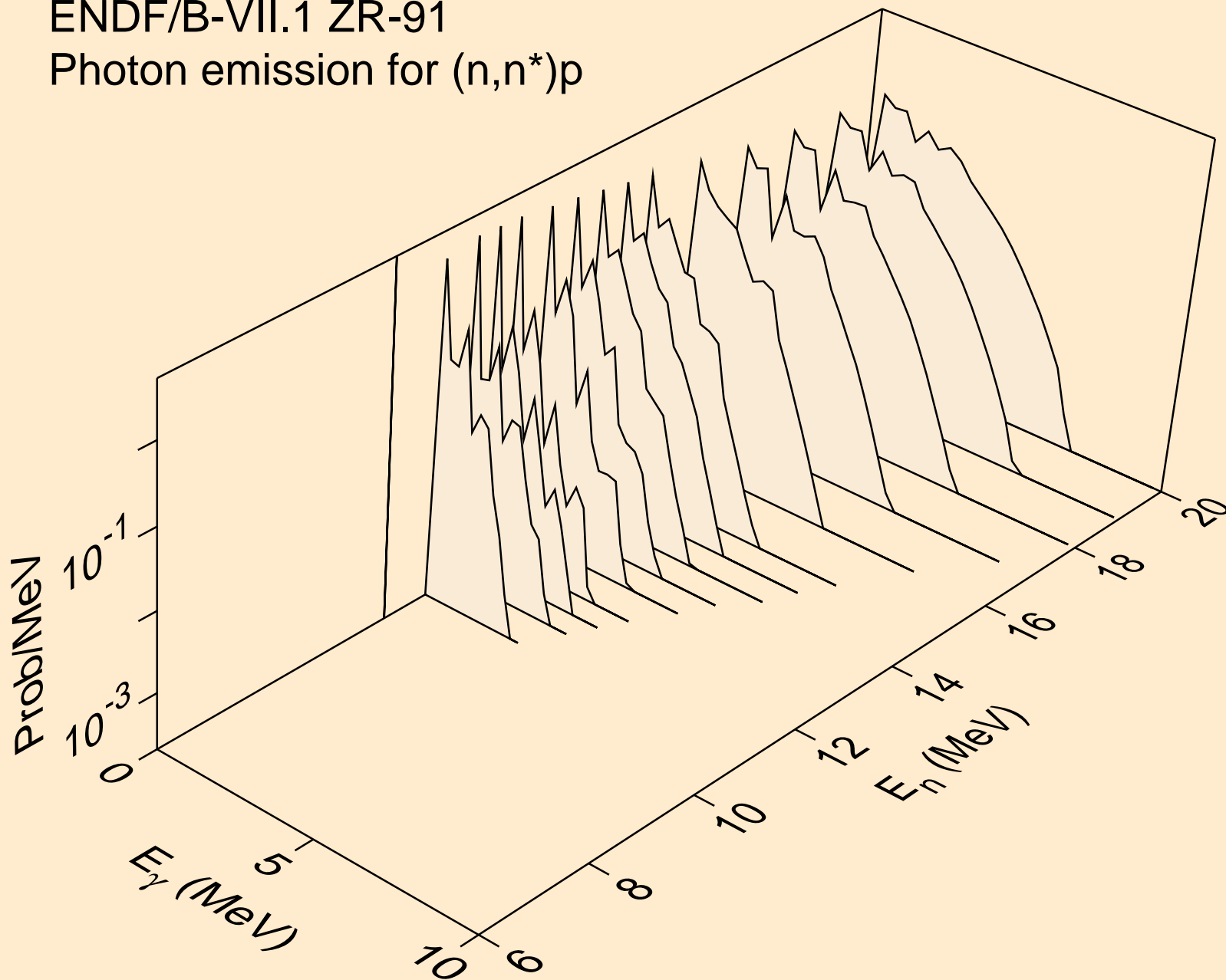
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Photon emission for (n,n*)a



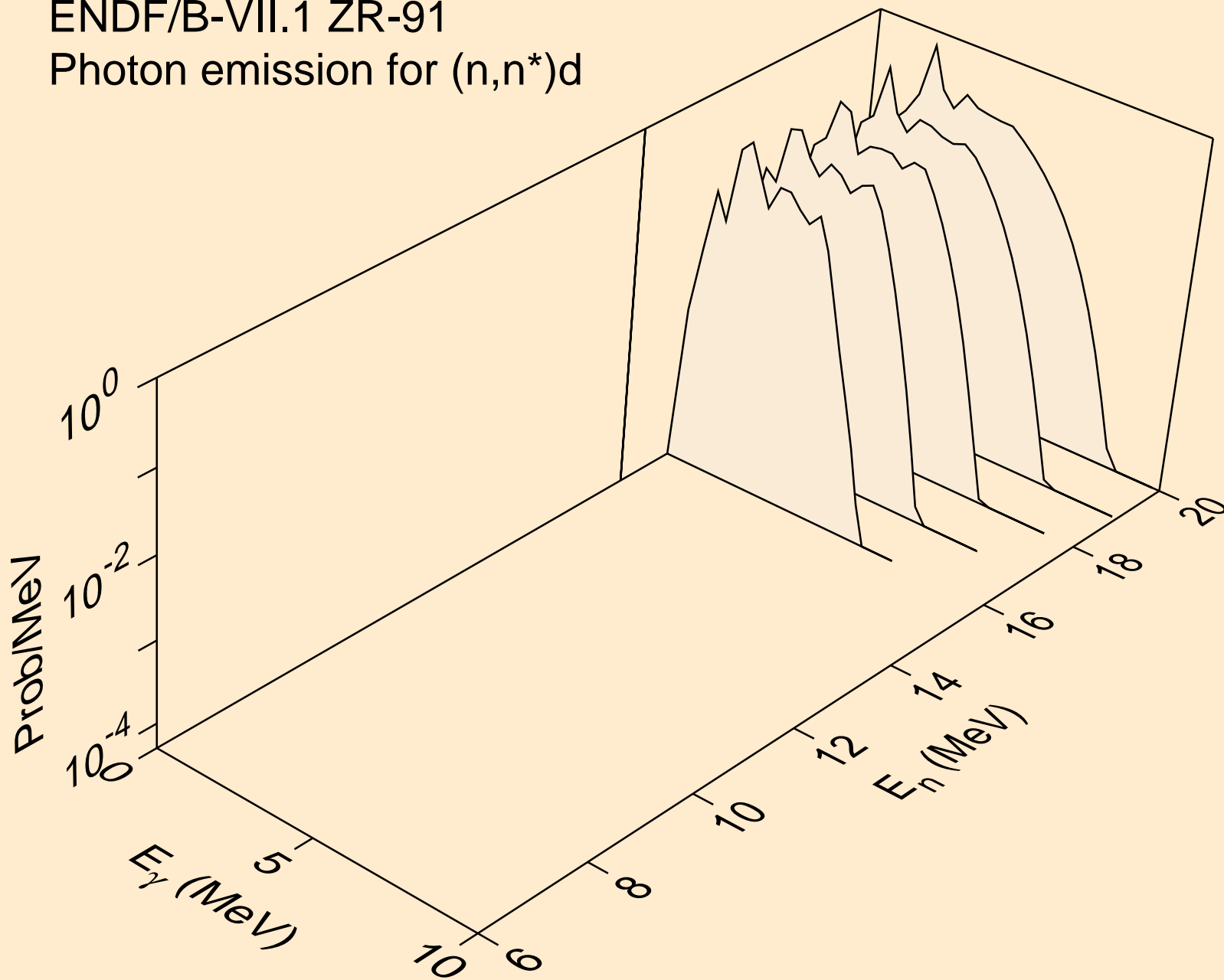
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Photon emission for (n,2n)a



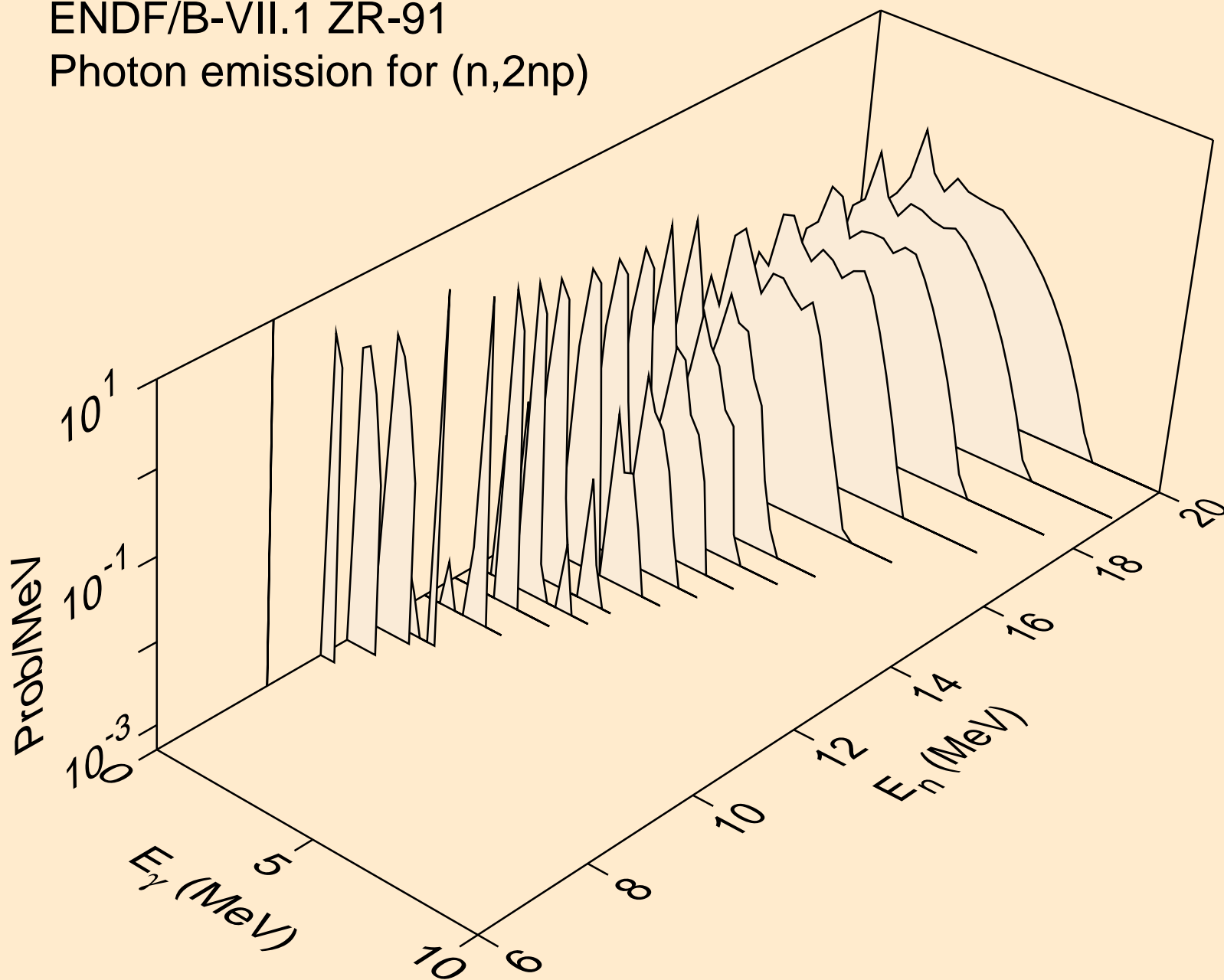
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Photon emission for (n,n*)p



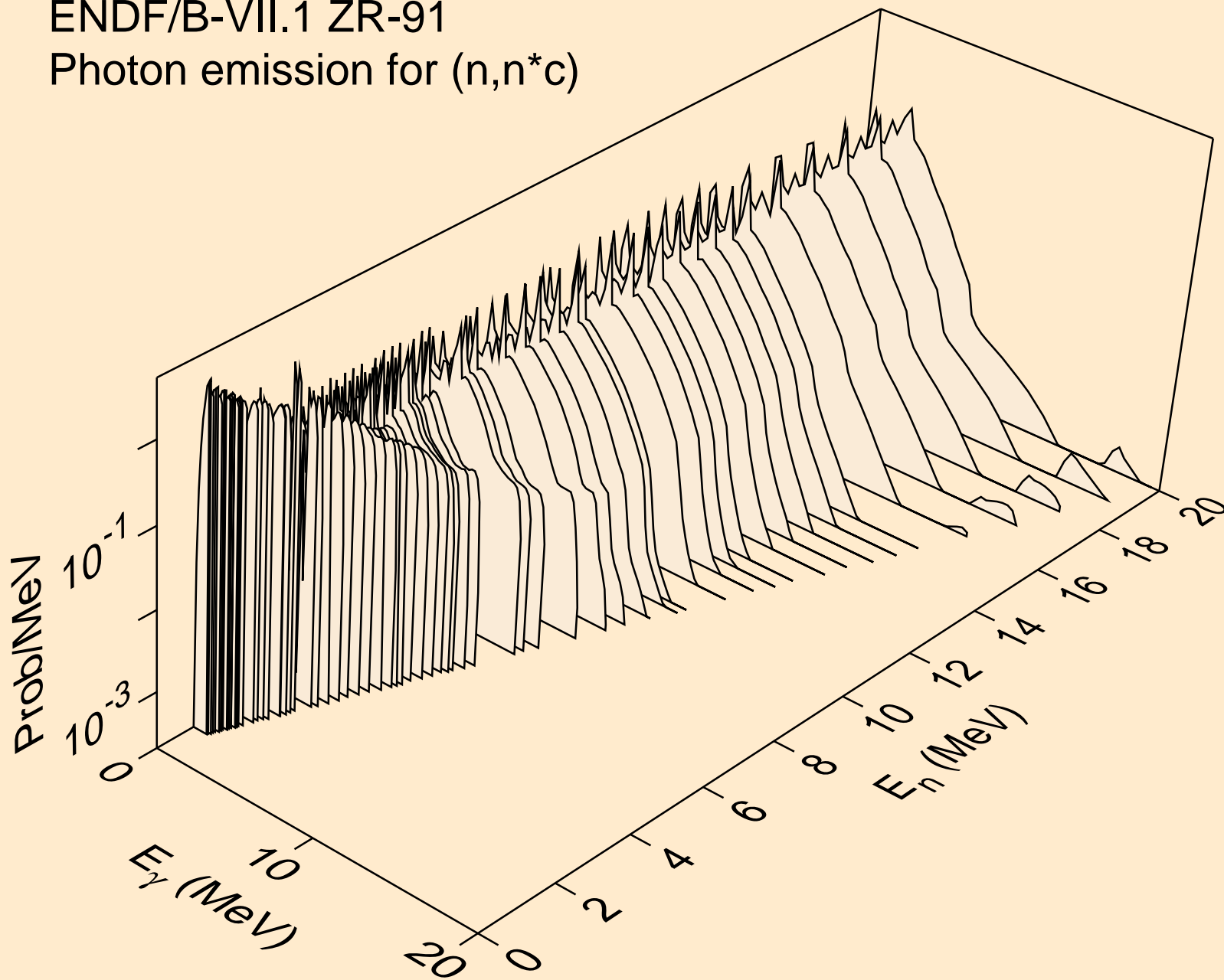
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Photon emission for (n,n*)d



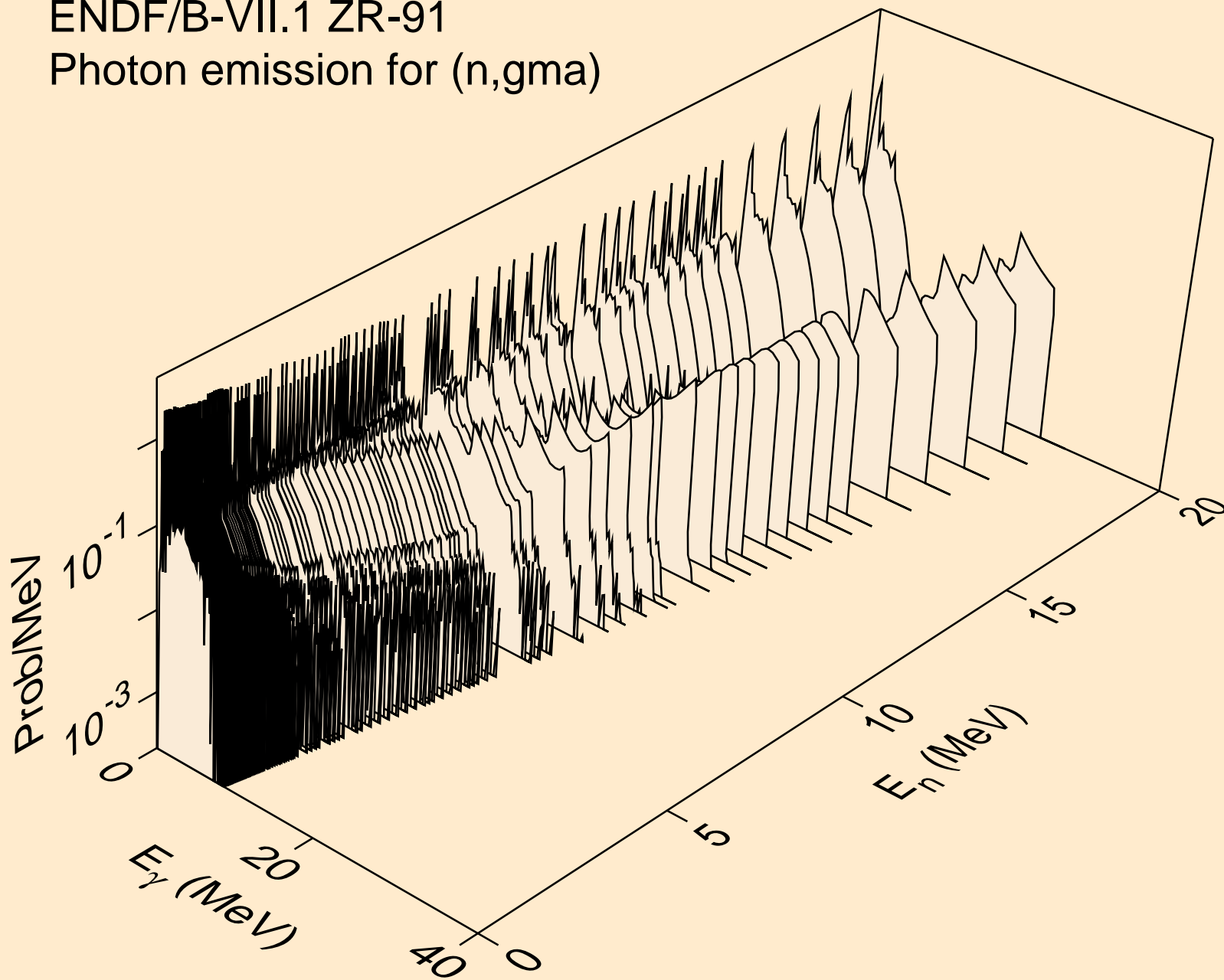
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Photon emission for (n,2np)



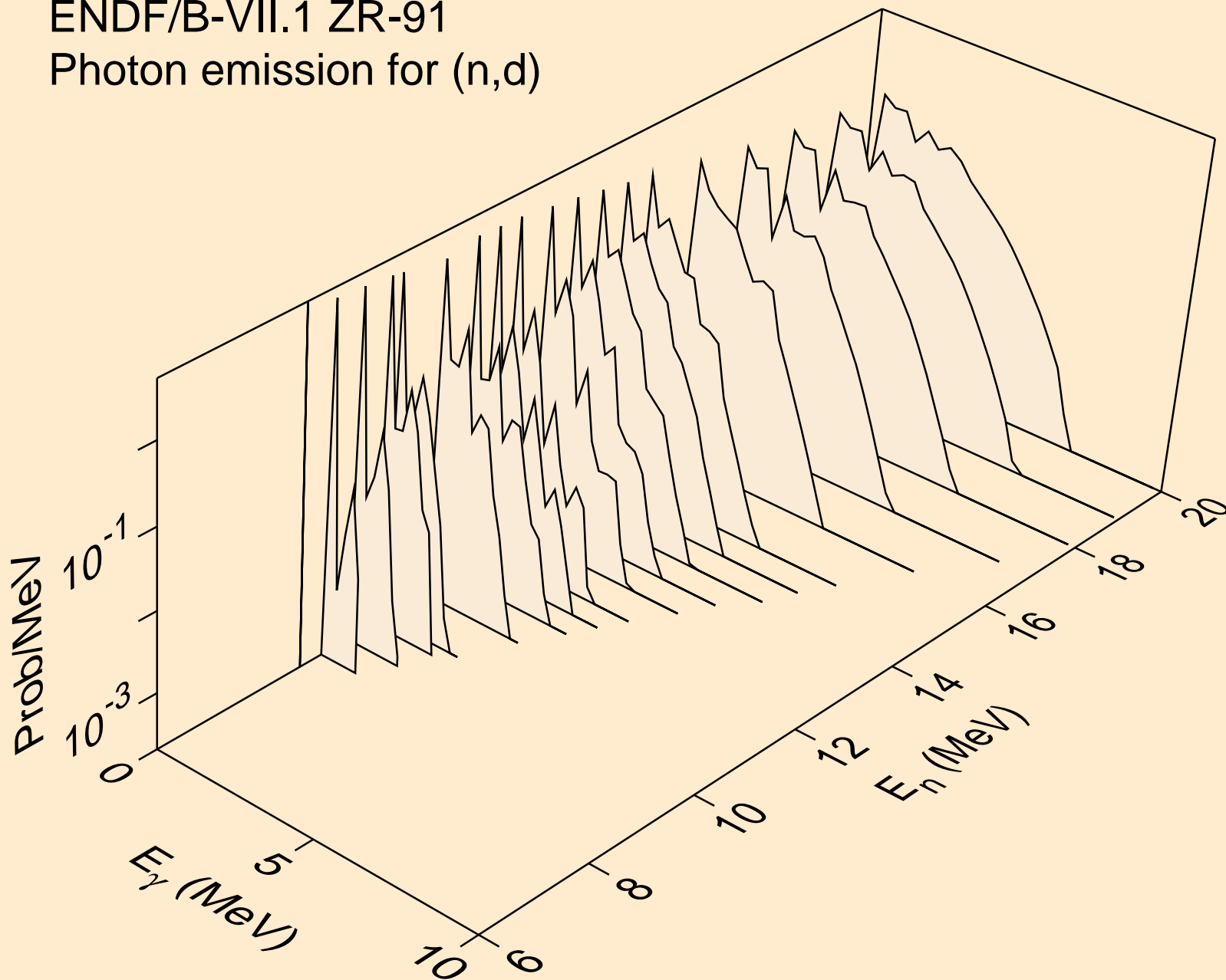
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Photon emission for (n,n*c)



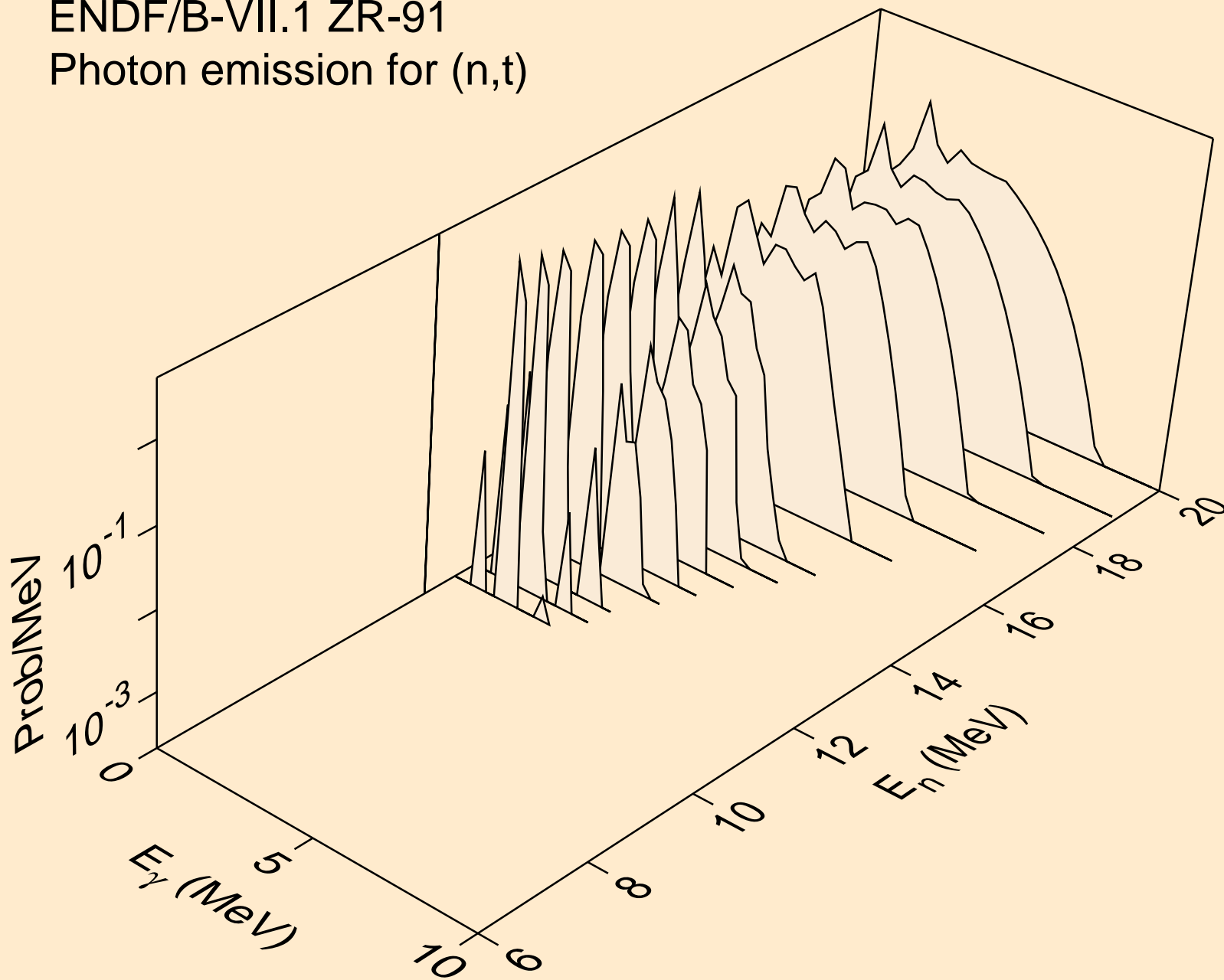
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Photon emission for (n,gma)



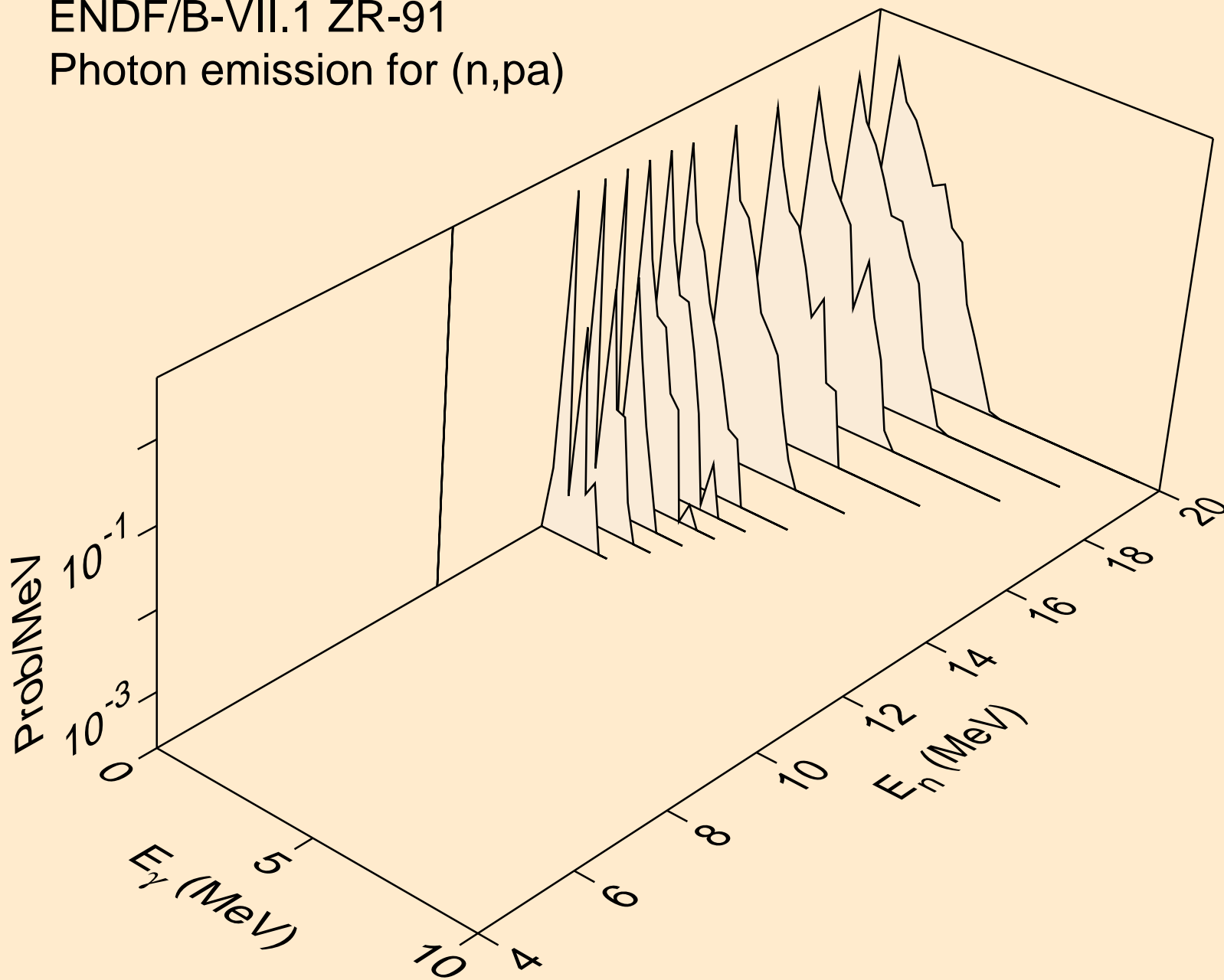
ENDF/B-VII.1 ZR-91
Photon emission for (n,d)



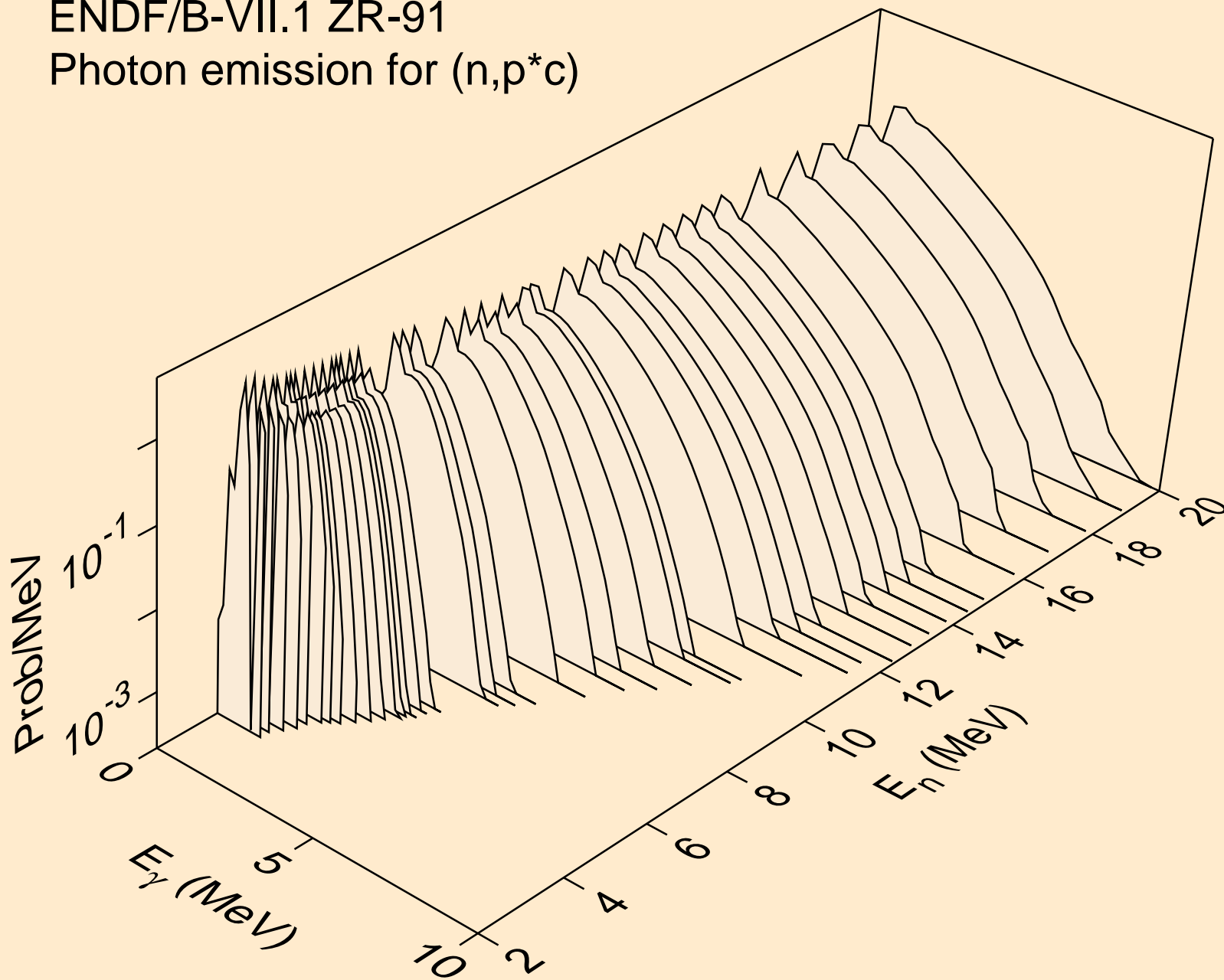
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Photon emission for (n,t)



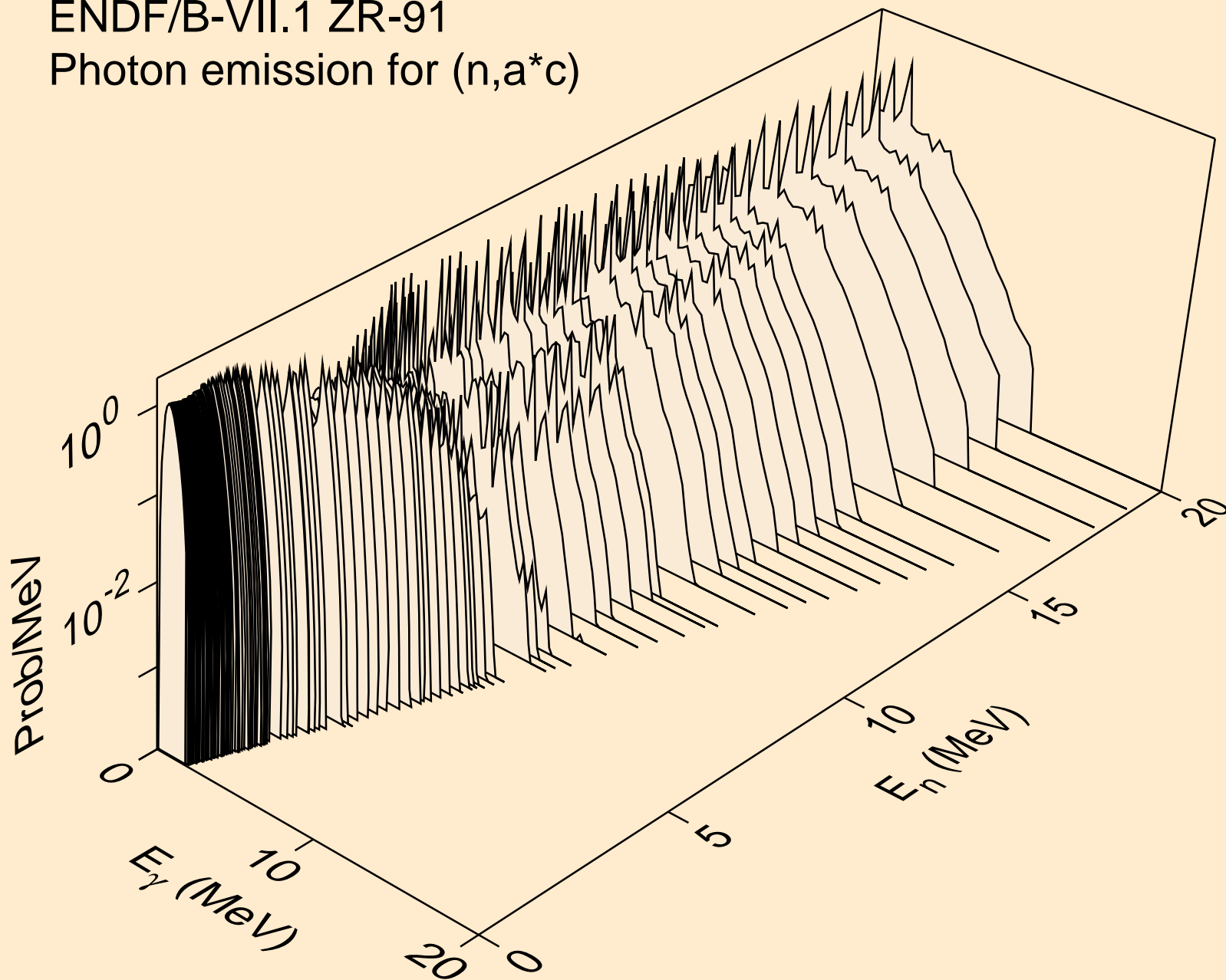
ENDF/B-VII.1 ZR-91
Photon emission for (n,pa)



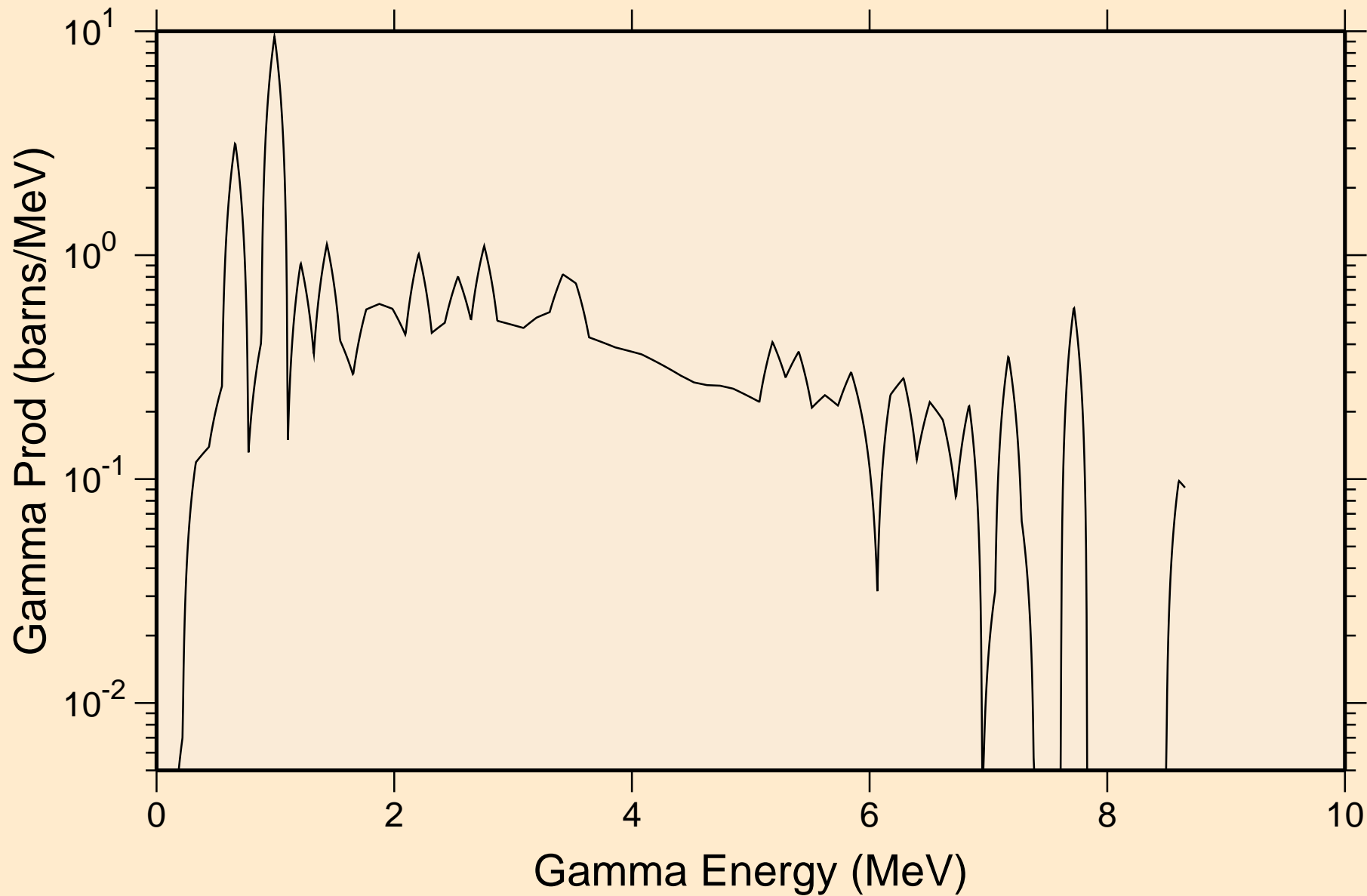
ENDF/B-VII.1 ZR-91
Photon emission for (n,p*c)



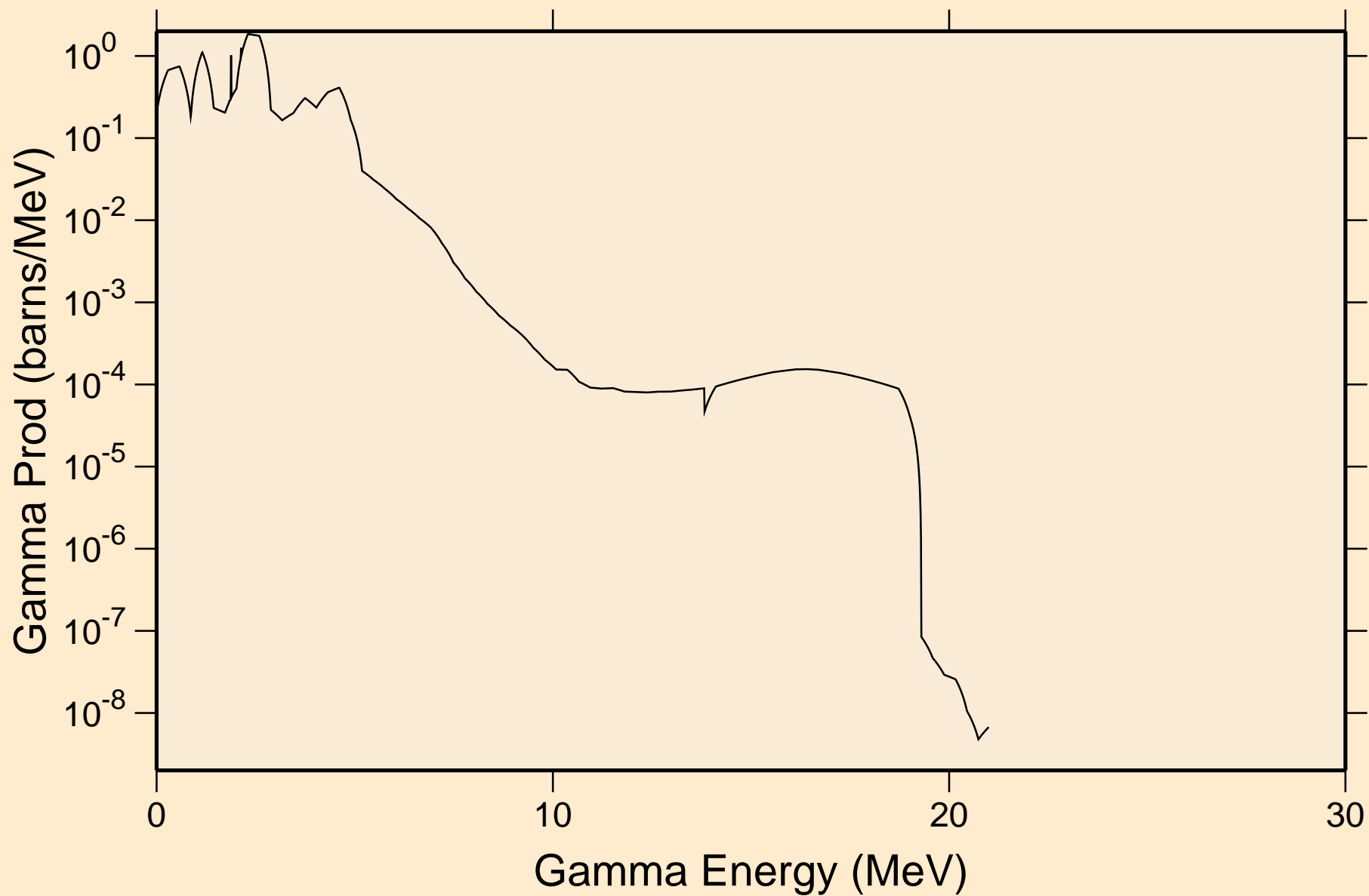
ENDF/B-VII.1 ZR-91
Photon emission for (n,a*c)



ENDF/B-VII.1 ZR-91
thermal capture photon spectrum

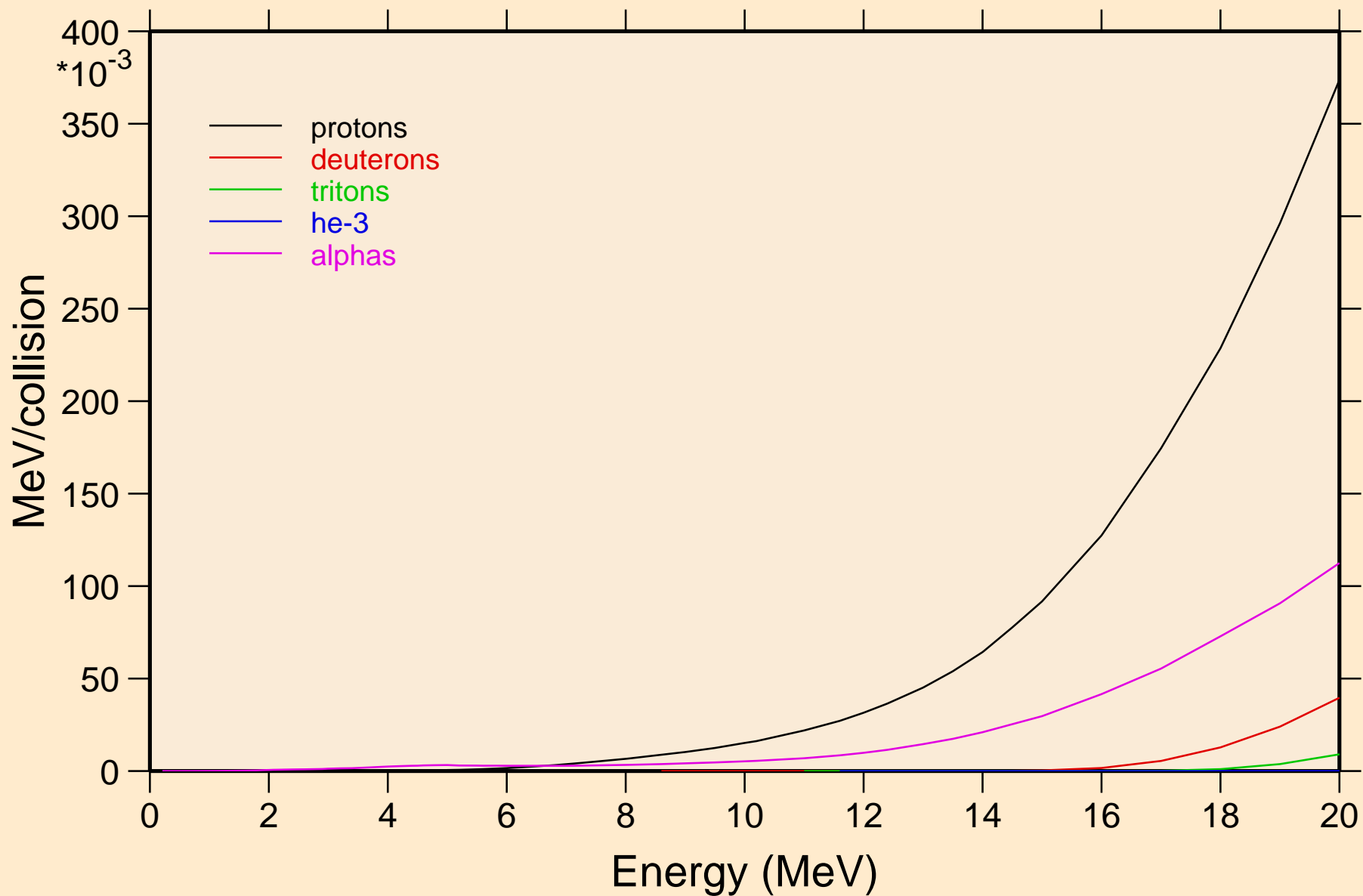


ENDF/B-VII.1 ZR-91
14 MeV photon spectrum



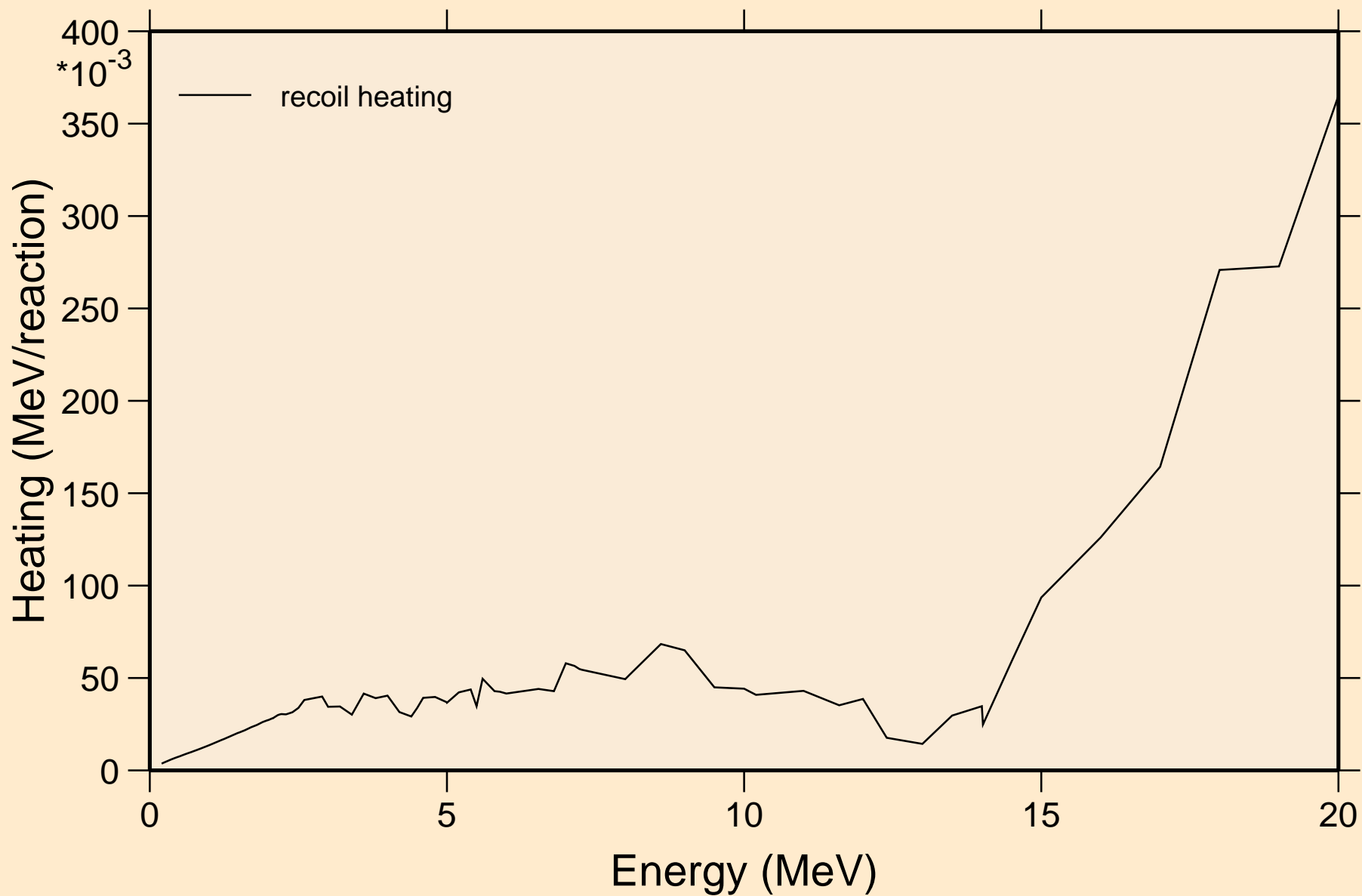
ENDF/B-VII.1 ZR-91

Particle heating contributions



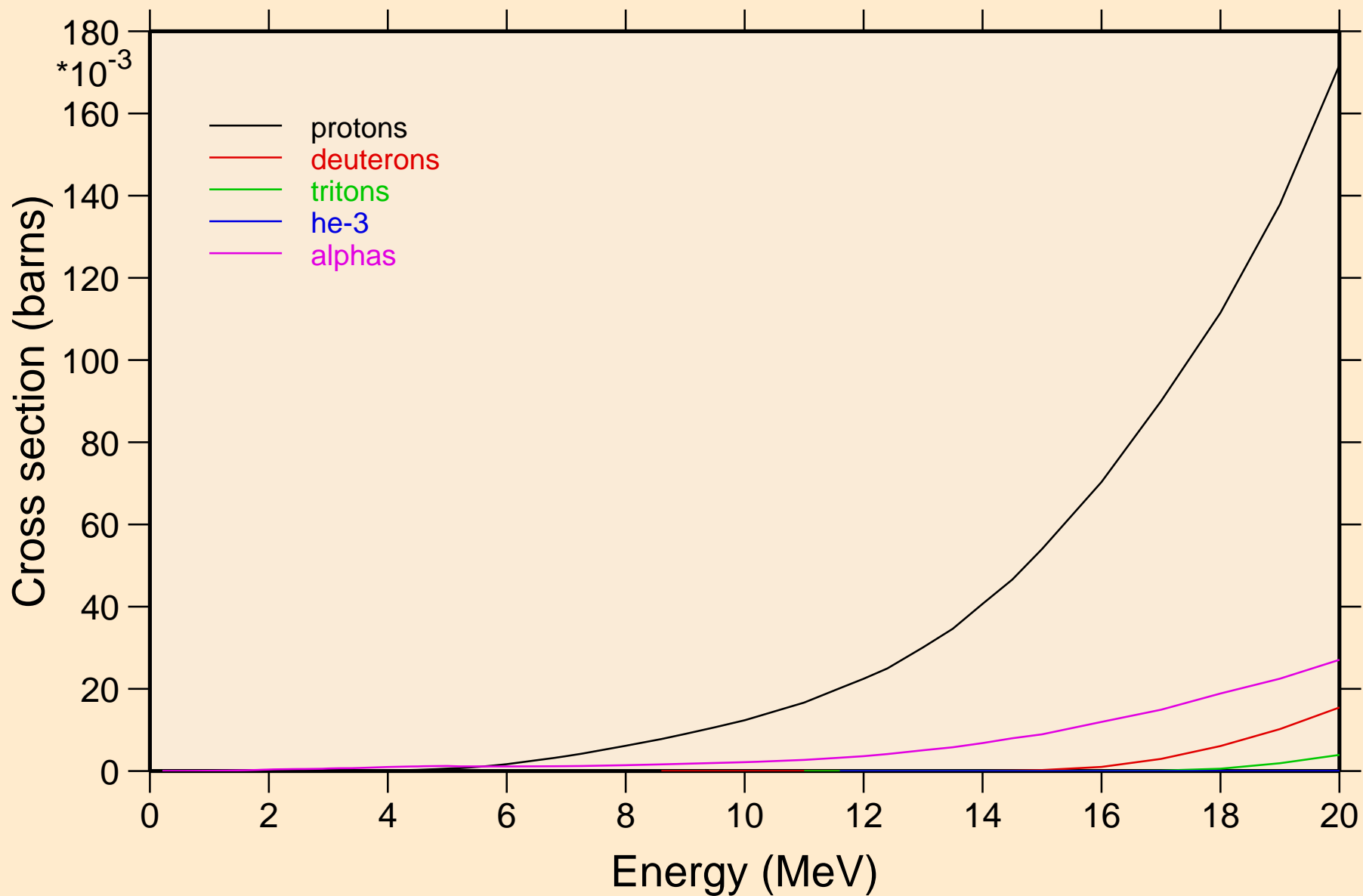
ENDF/B-VII.1 ZR-91

Recoil Heating

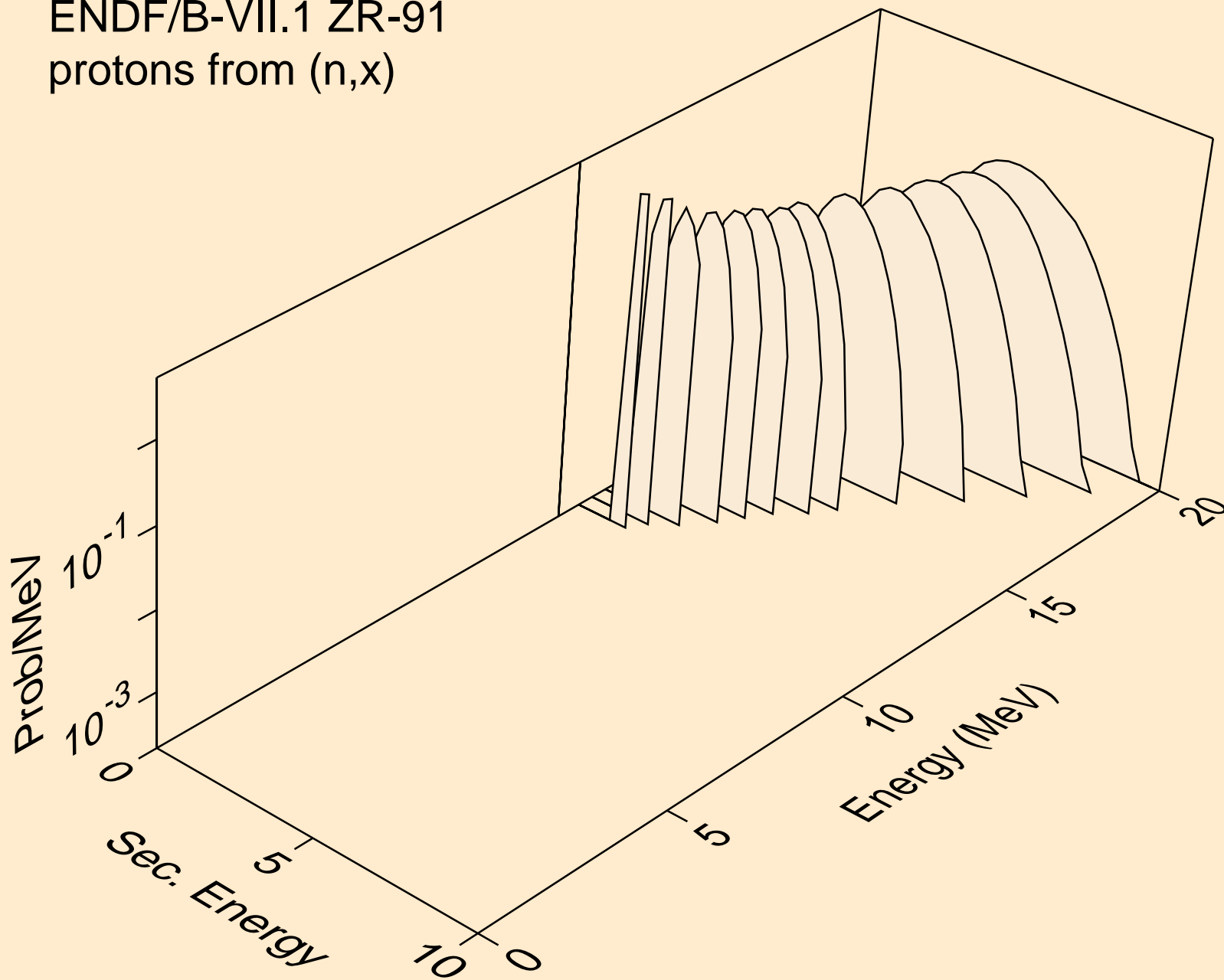


ENDF/B-VII.1 ZR-91

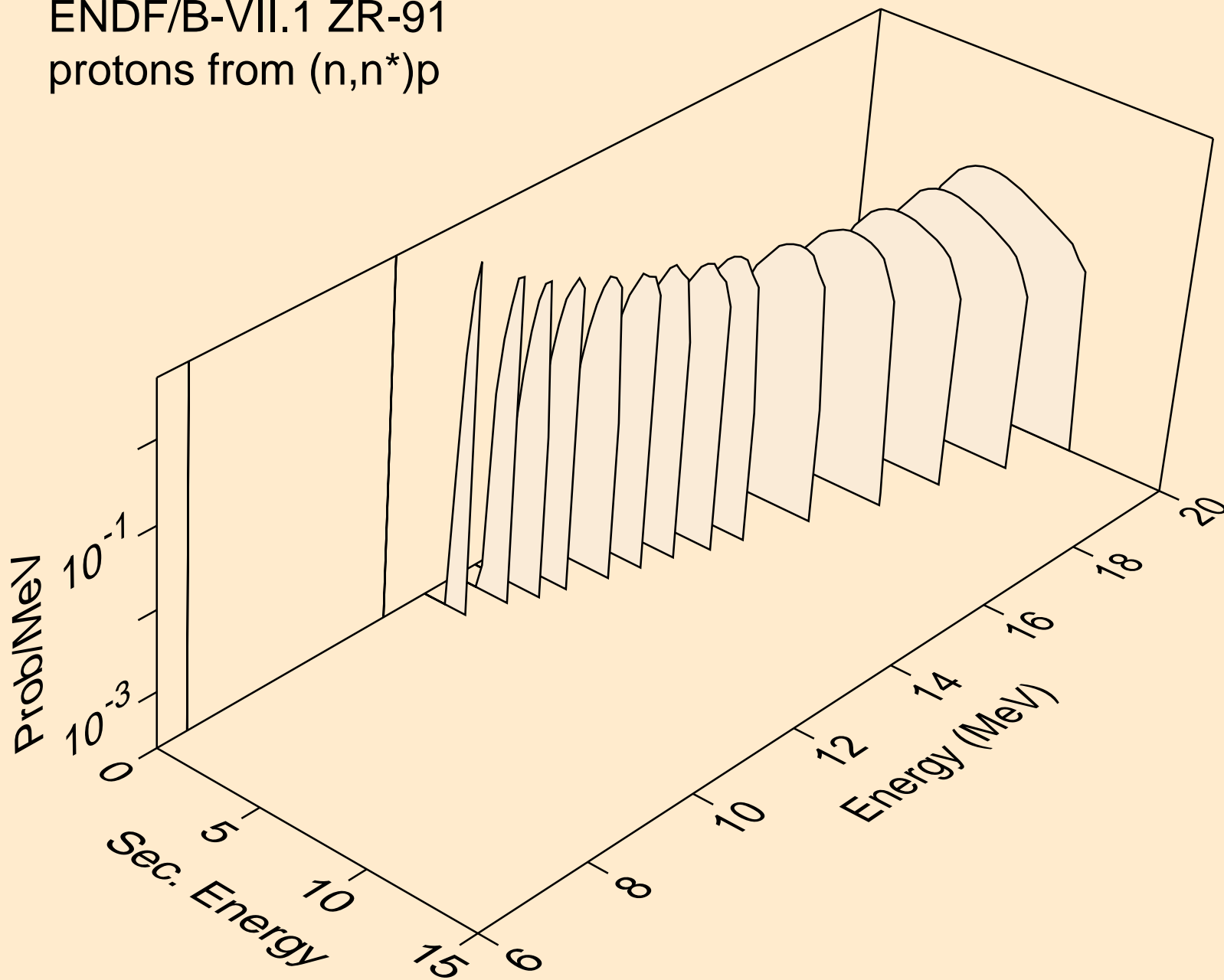
Particle production cross sections



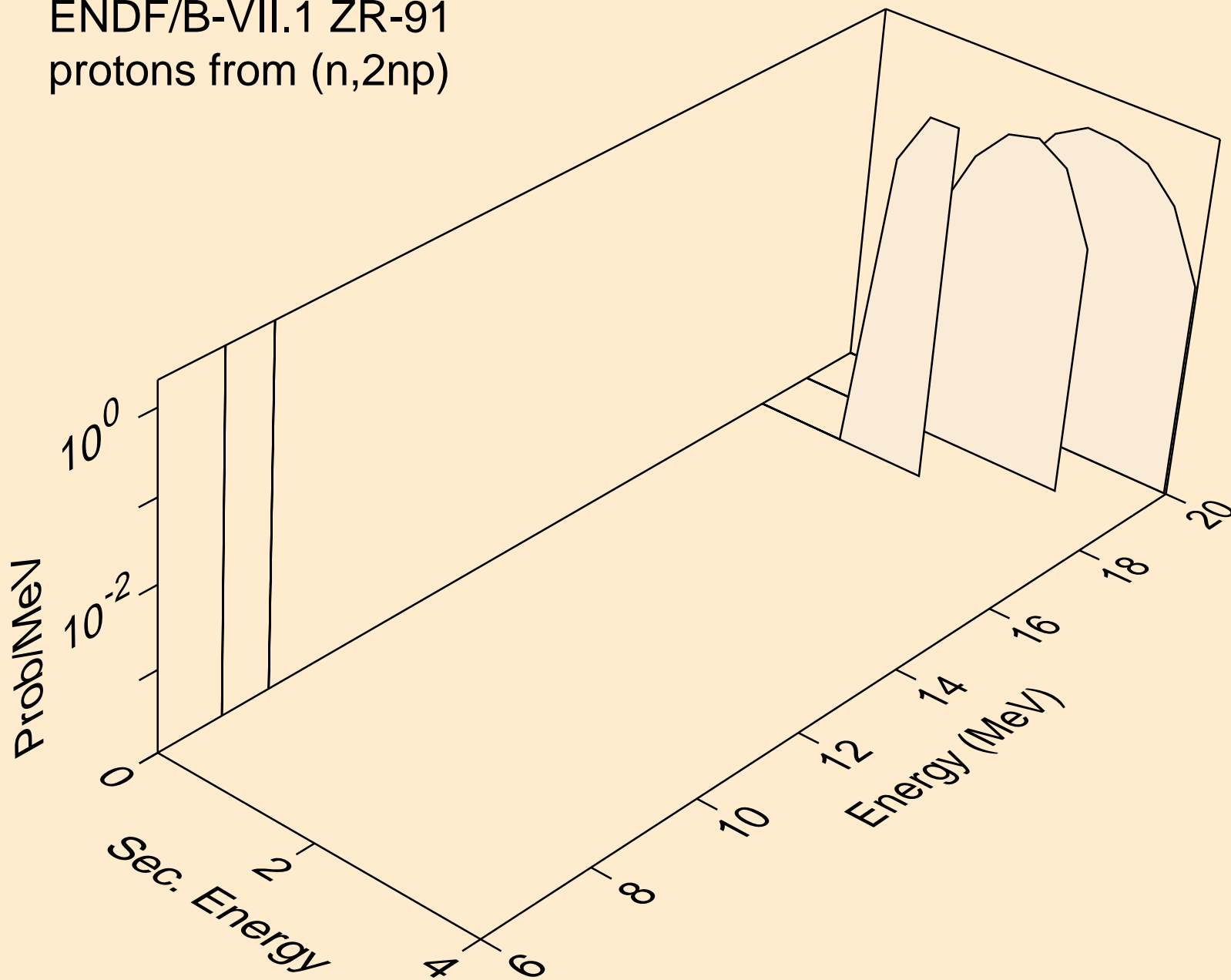
ENDF/B-VII.1 ZR-91
protons from (n,x)



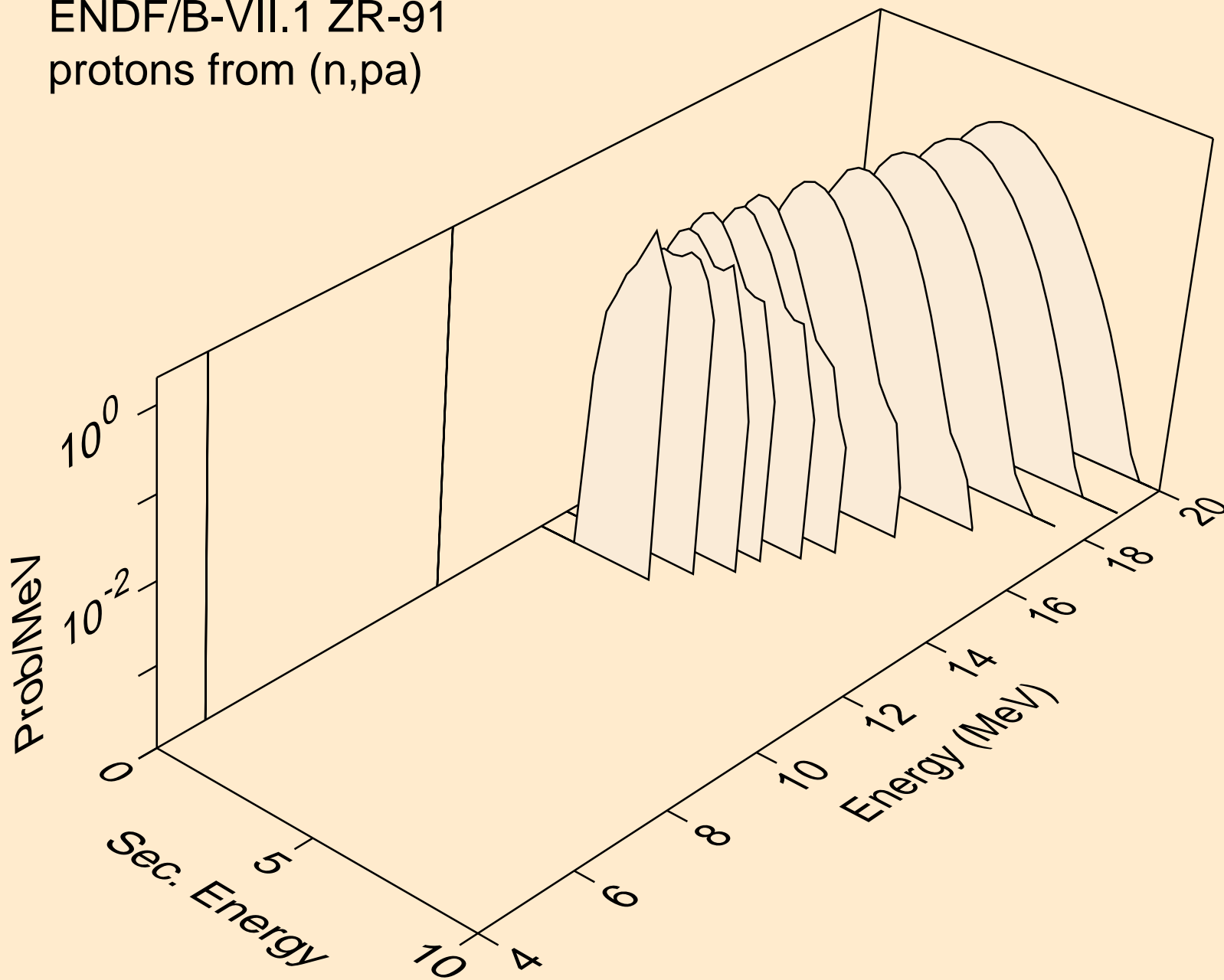
ENDF/B-VII.1 ZR-91
protons from (n,n*)p



ENDF/B-VII.1 ZR-91
protons from (n,2np)

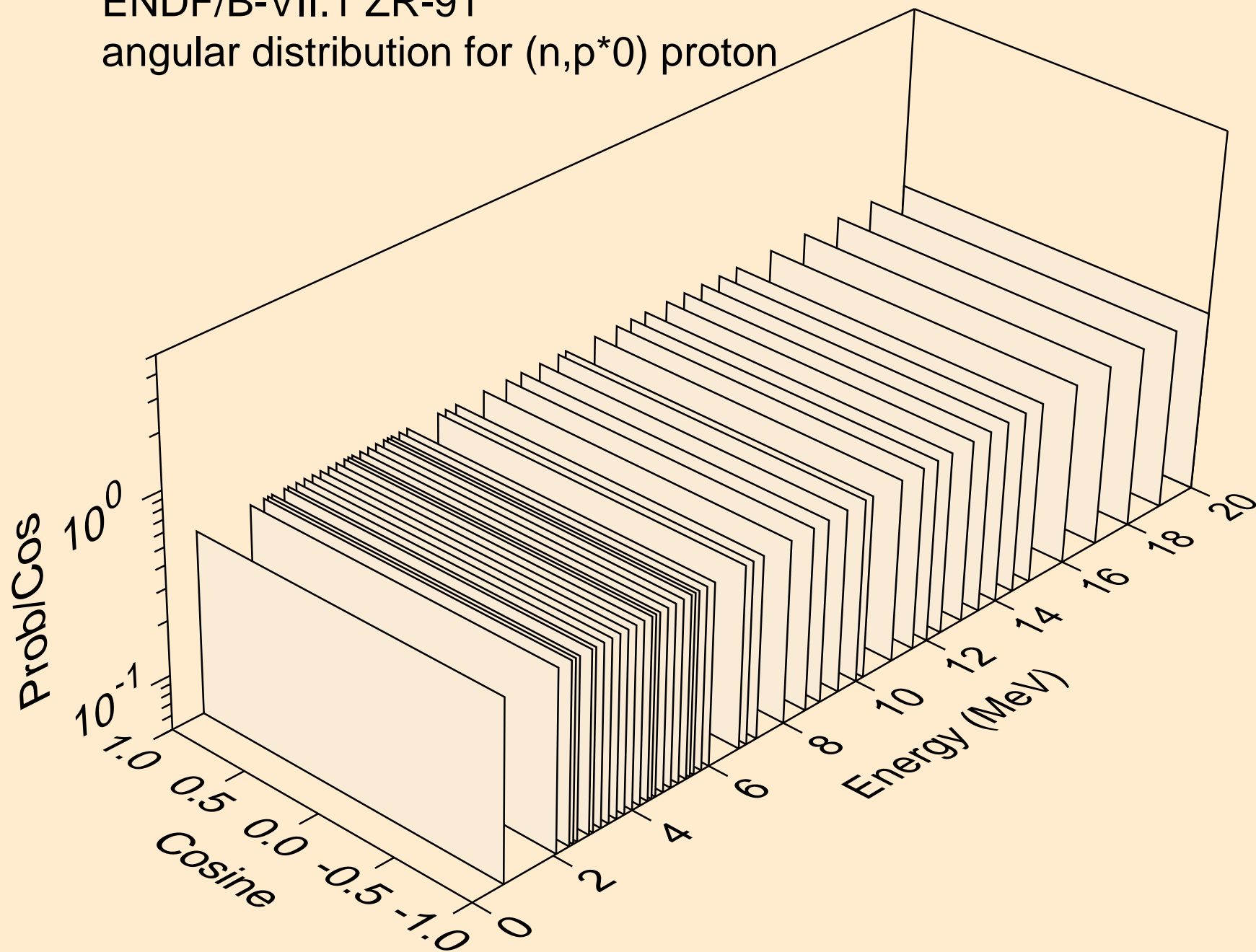


ENDF/B-VII.1 ZR-91
protons from (n,pa)



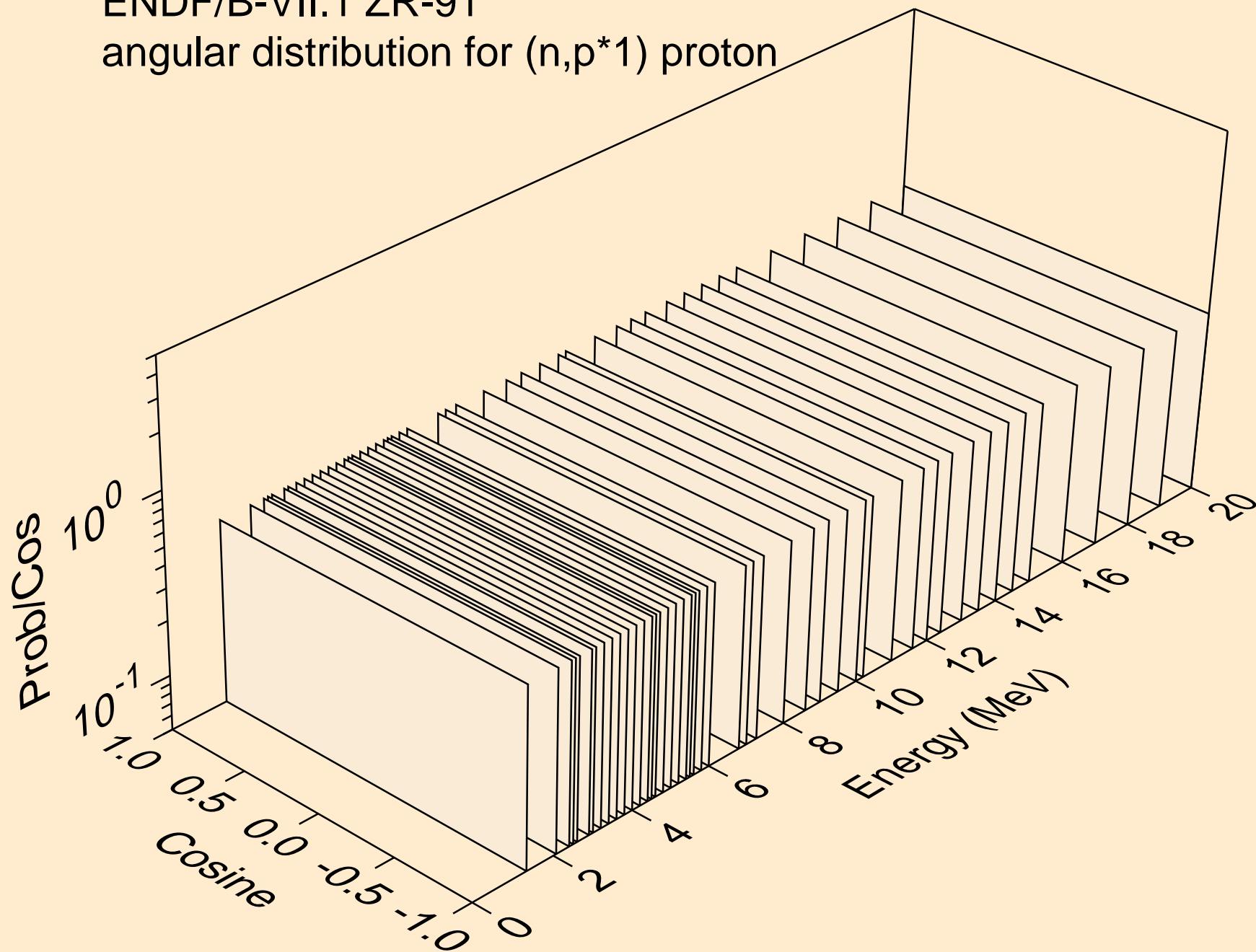
ENDF/B-VII.1 ZR-91

angular distribution for (n,p*0) proton



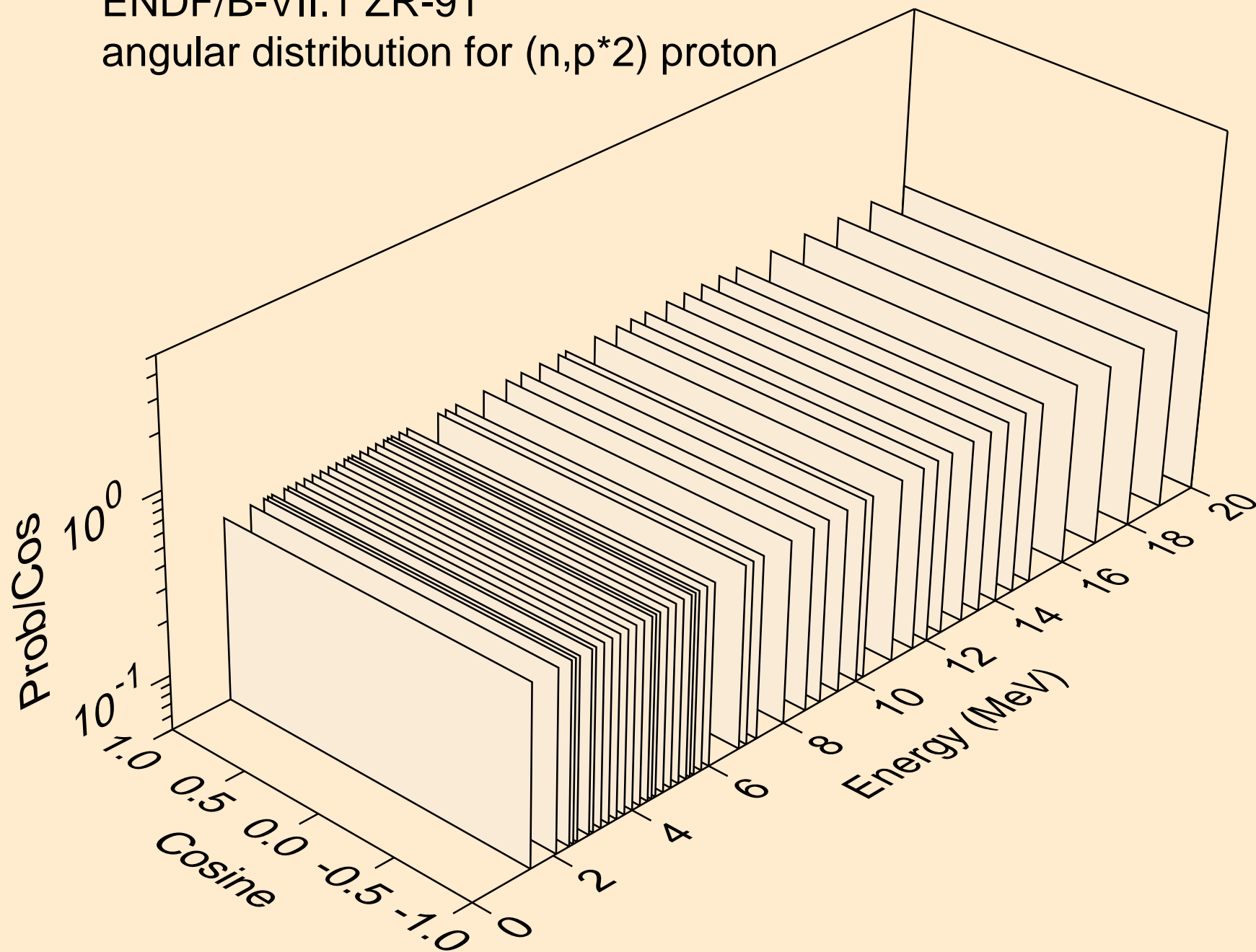
ENDF/B-VII.1 ZR-91

angular distribution for (n,p*1) proton



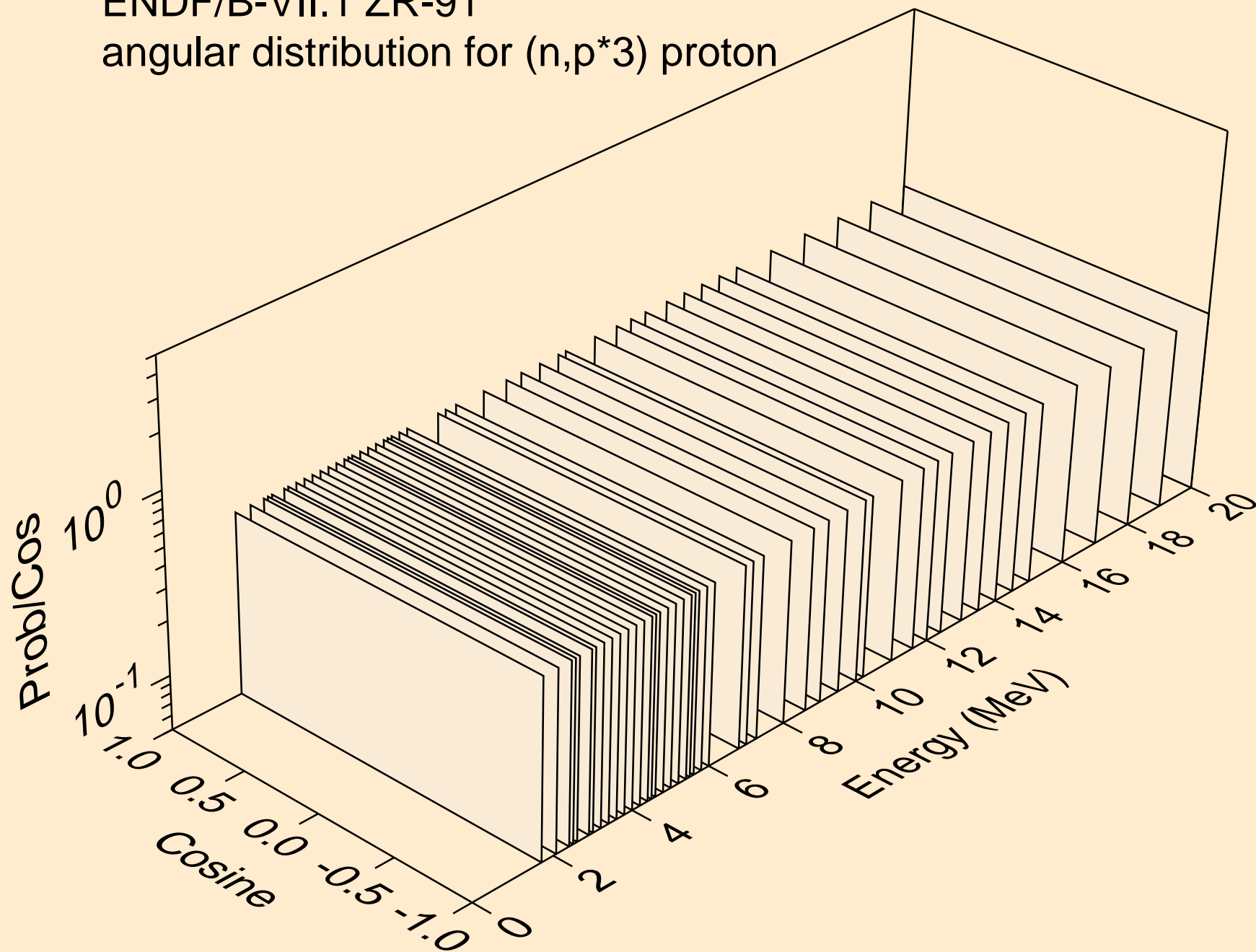
ENDF/B-VII.1 ZR-91

angular distribution for (n,p*2) proton



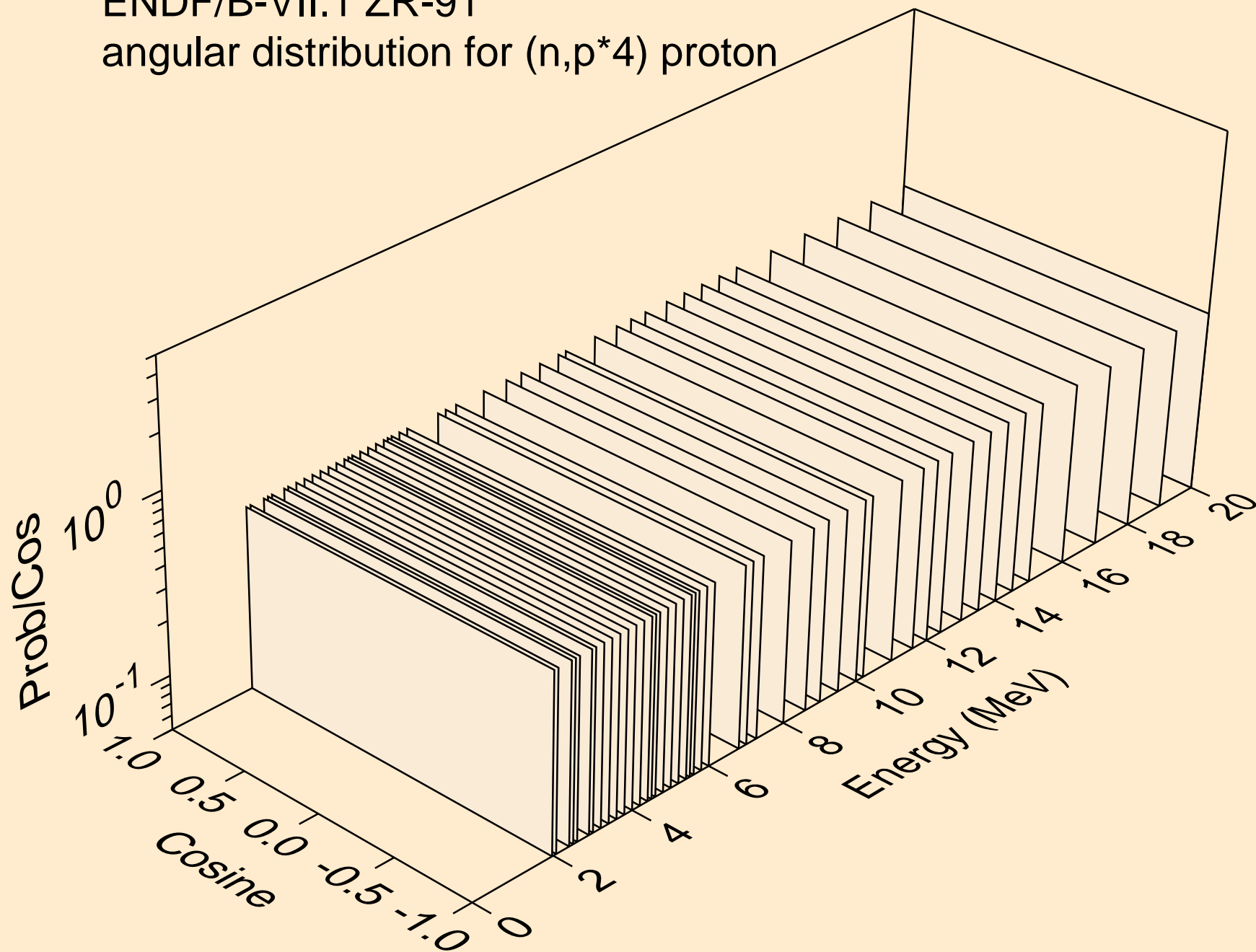
ENDF/B-VII.1 ZR-91

angular distribution for (n,p*3) proton



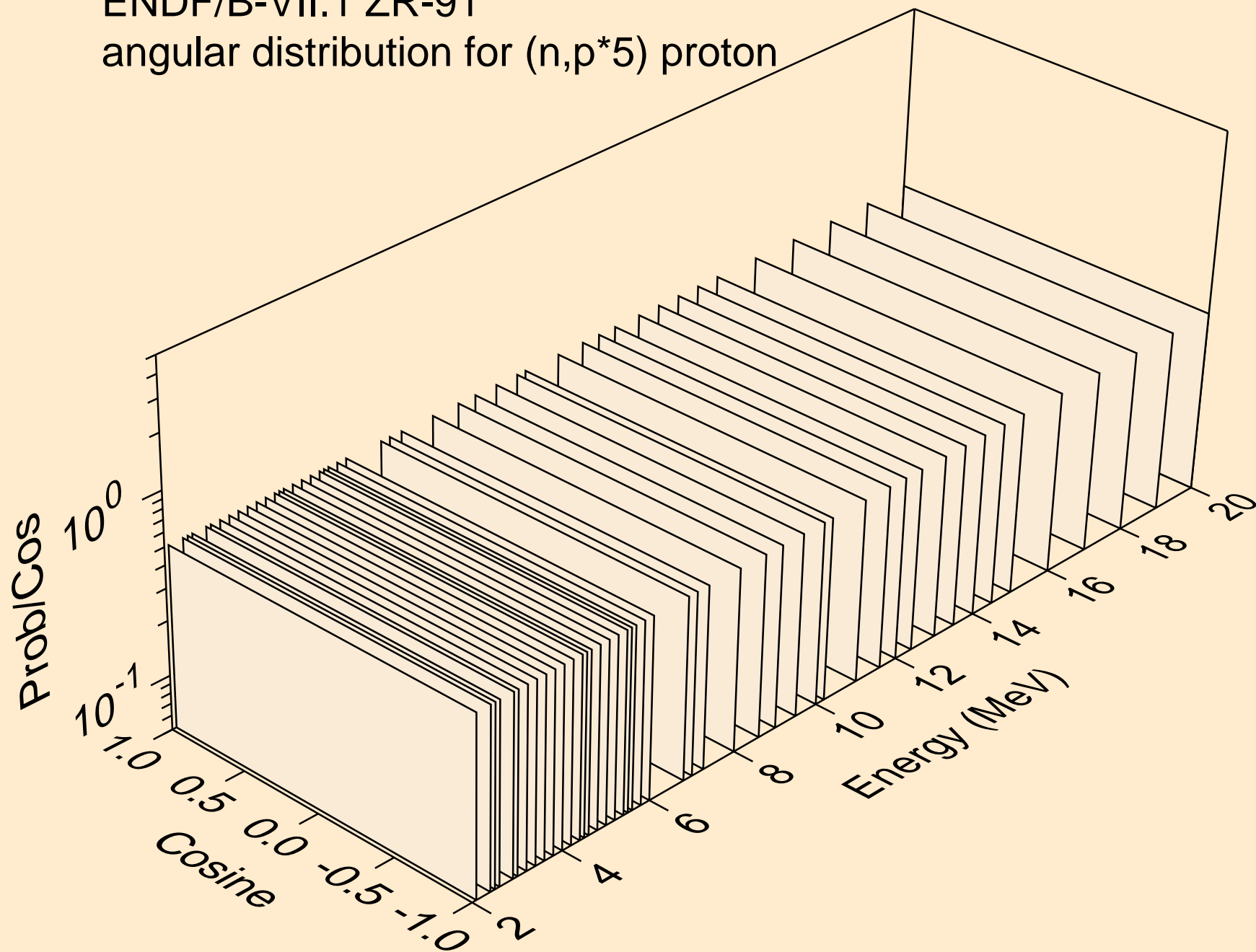
ENDF/B-VII.1 ZR-91

angular distribution for (n,p*4) proton

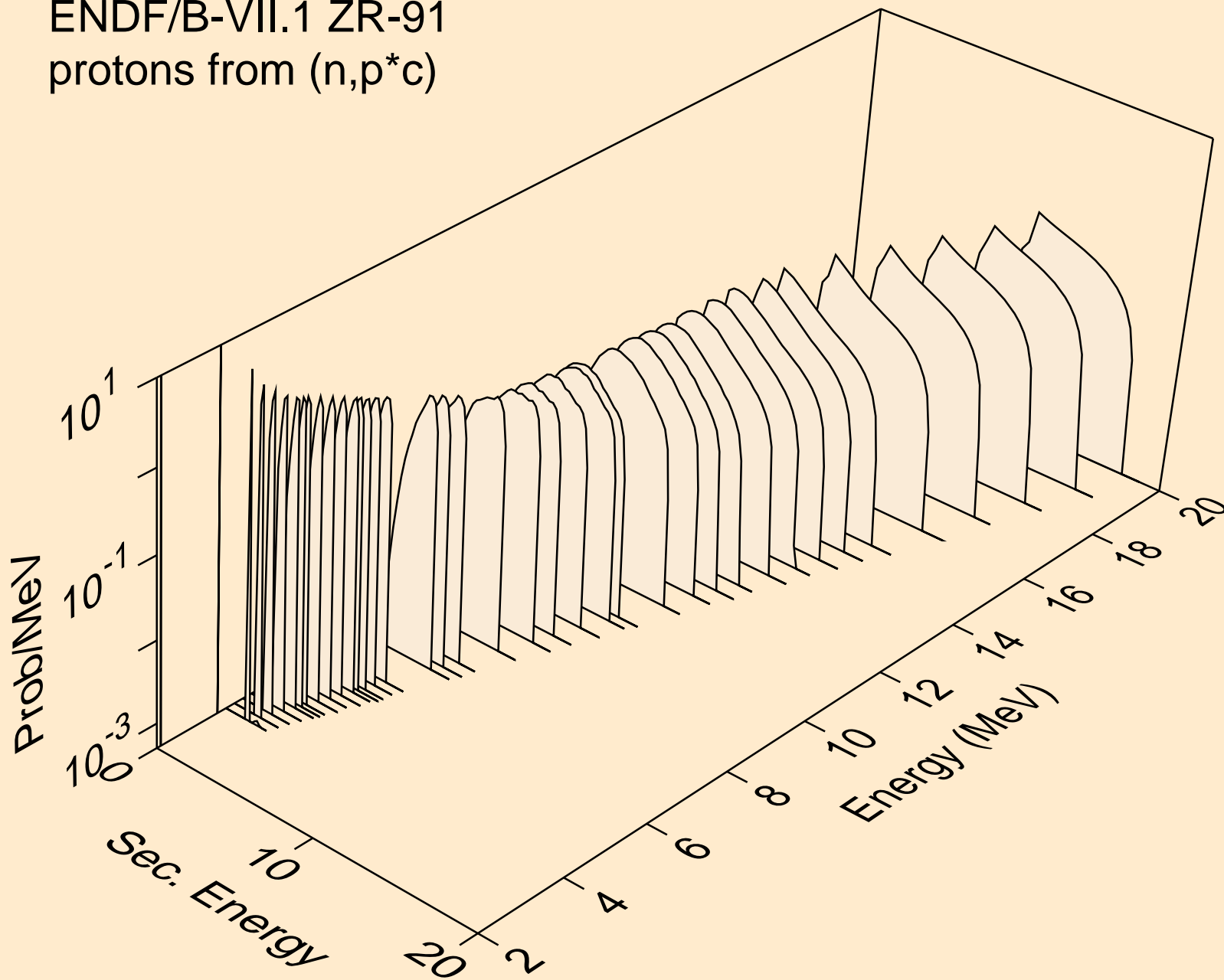


ENDF/B-VII.1 ZR-91

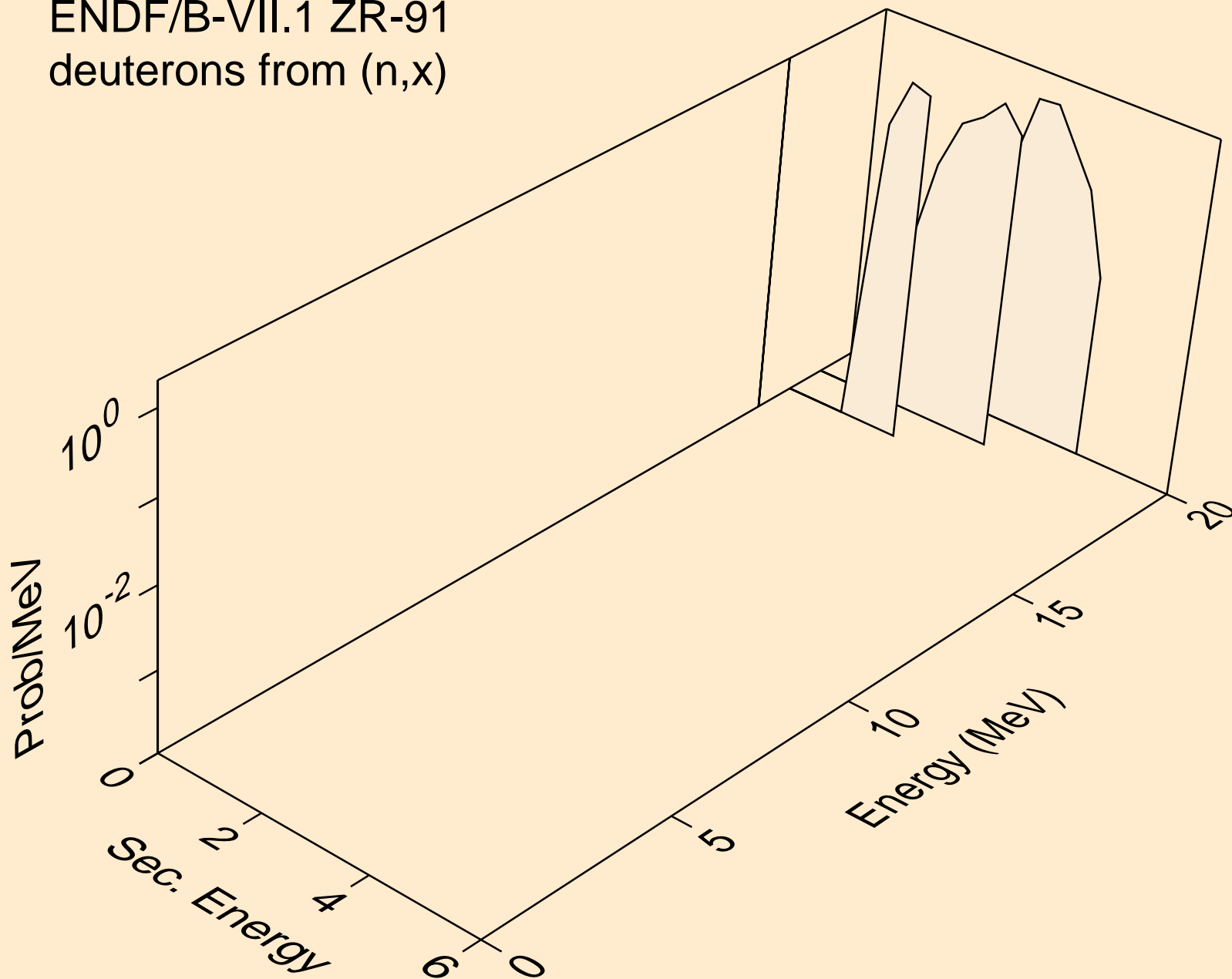
angular distribution for (n,p*5) proton



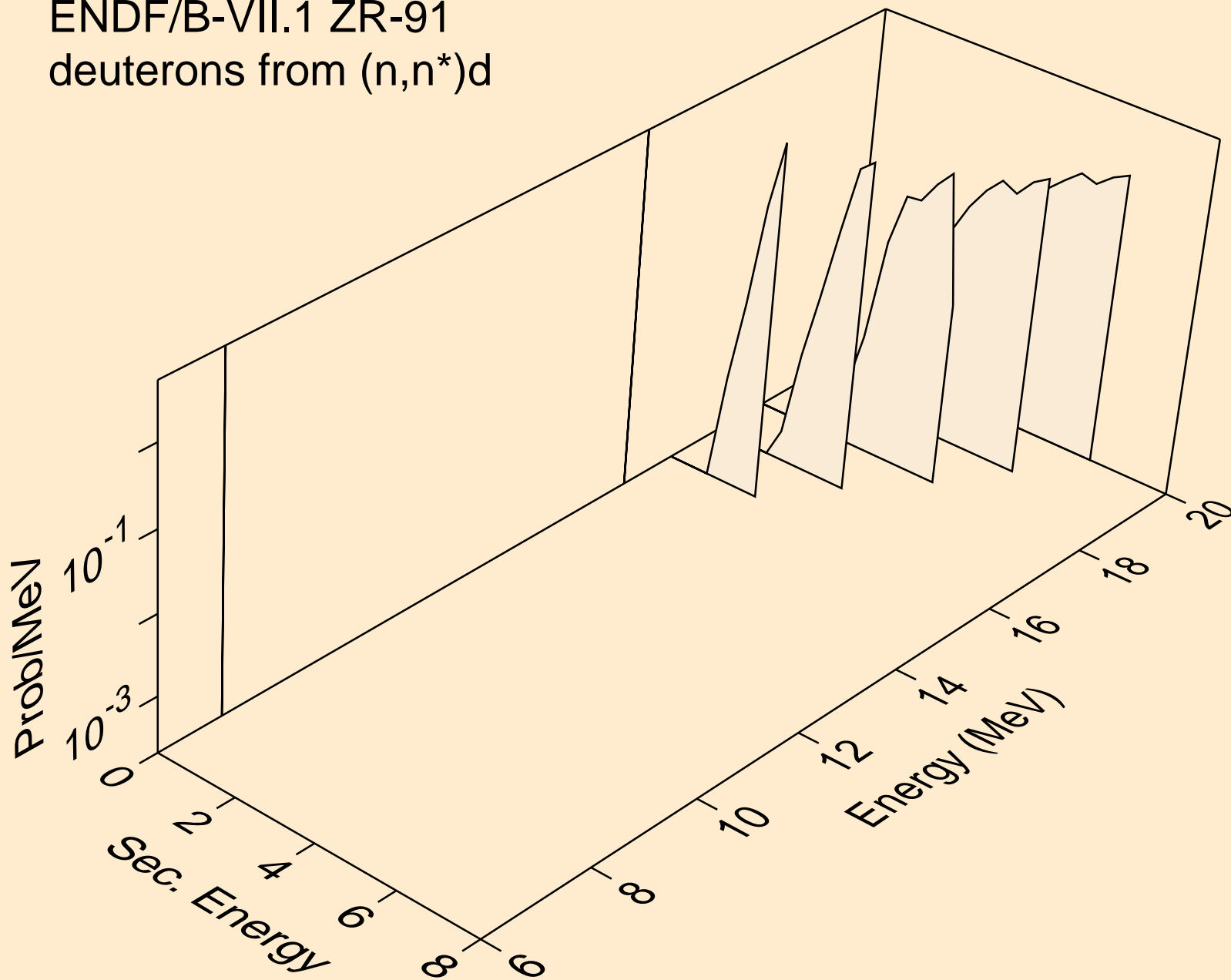
ENDF/B-VII.1 ZR-91
protons from (n,p*c)



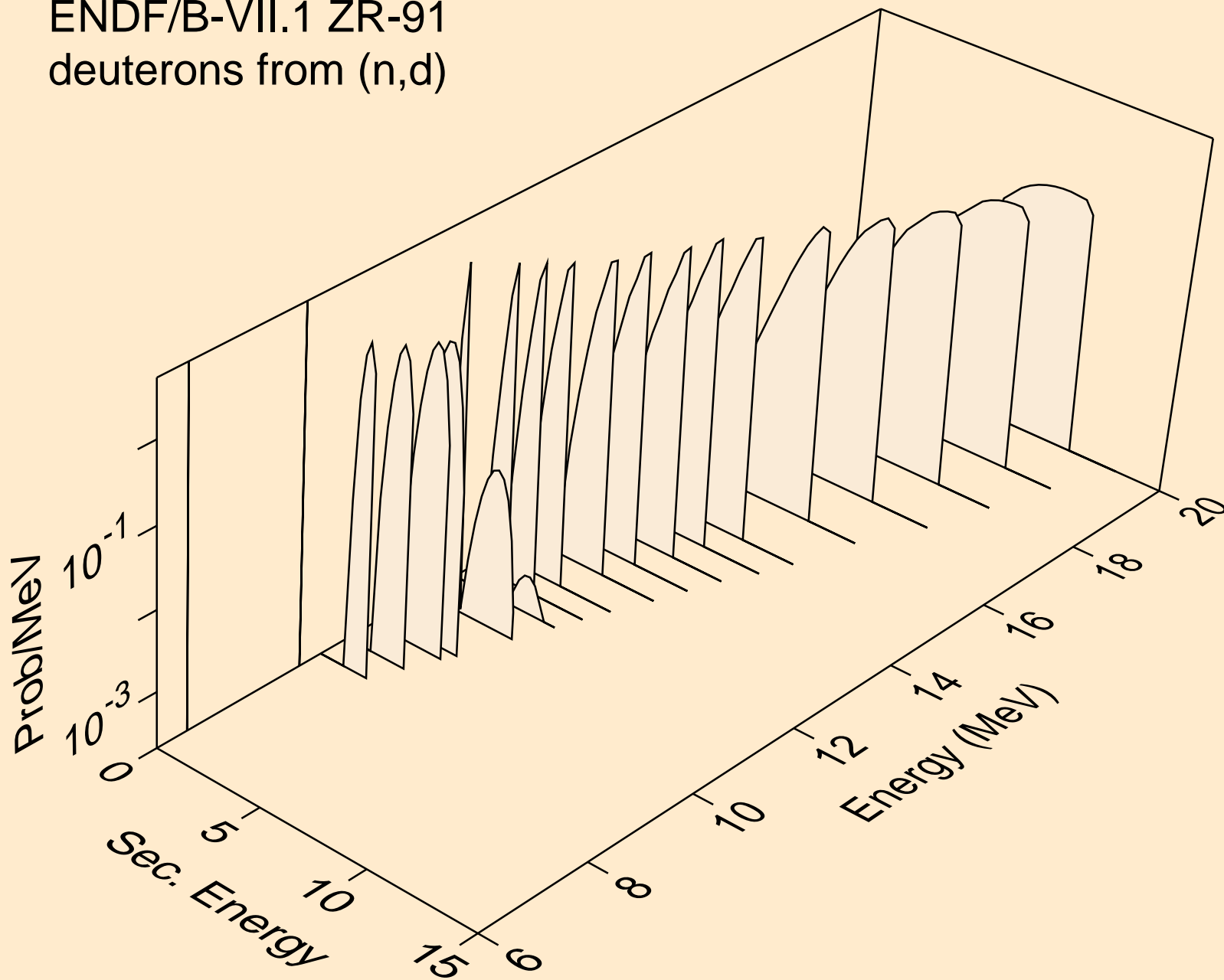
ENDF/B-VII.1 ZR-91
deuterons from (n,x)



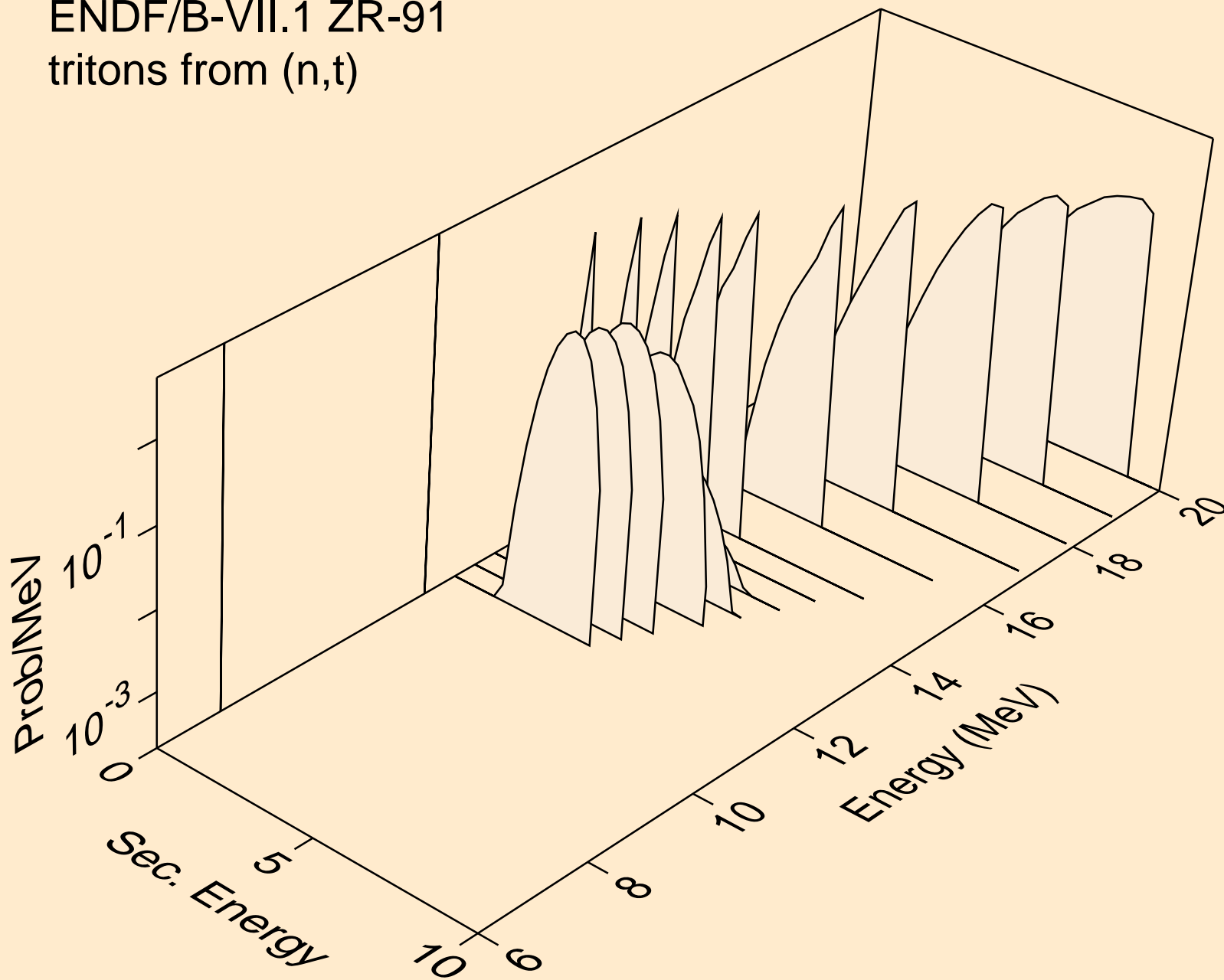
ENDF/B-VII.1 ZR-91
deuterons from (n,n*)d



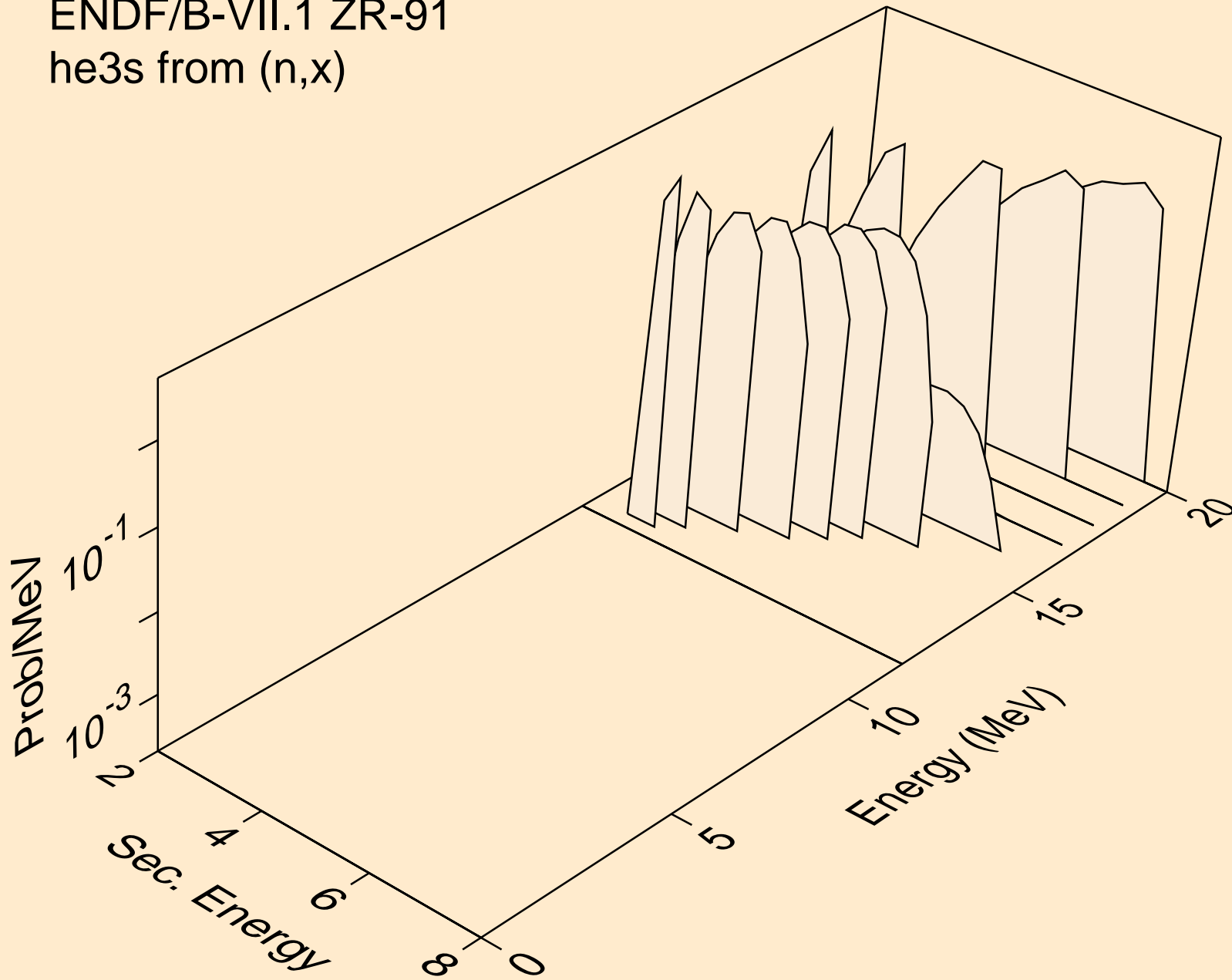
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deuterons from (n,d)



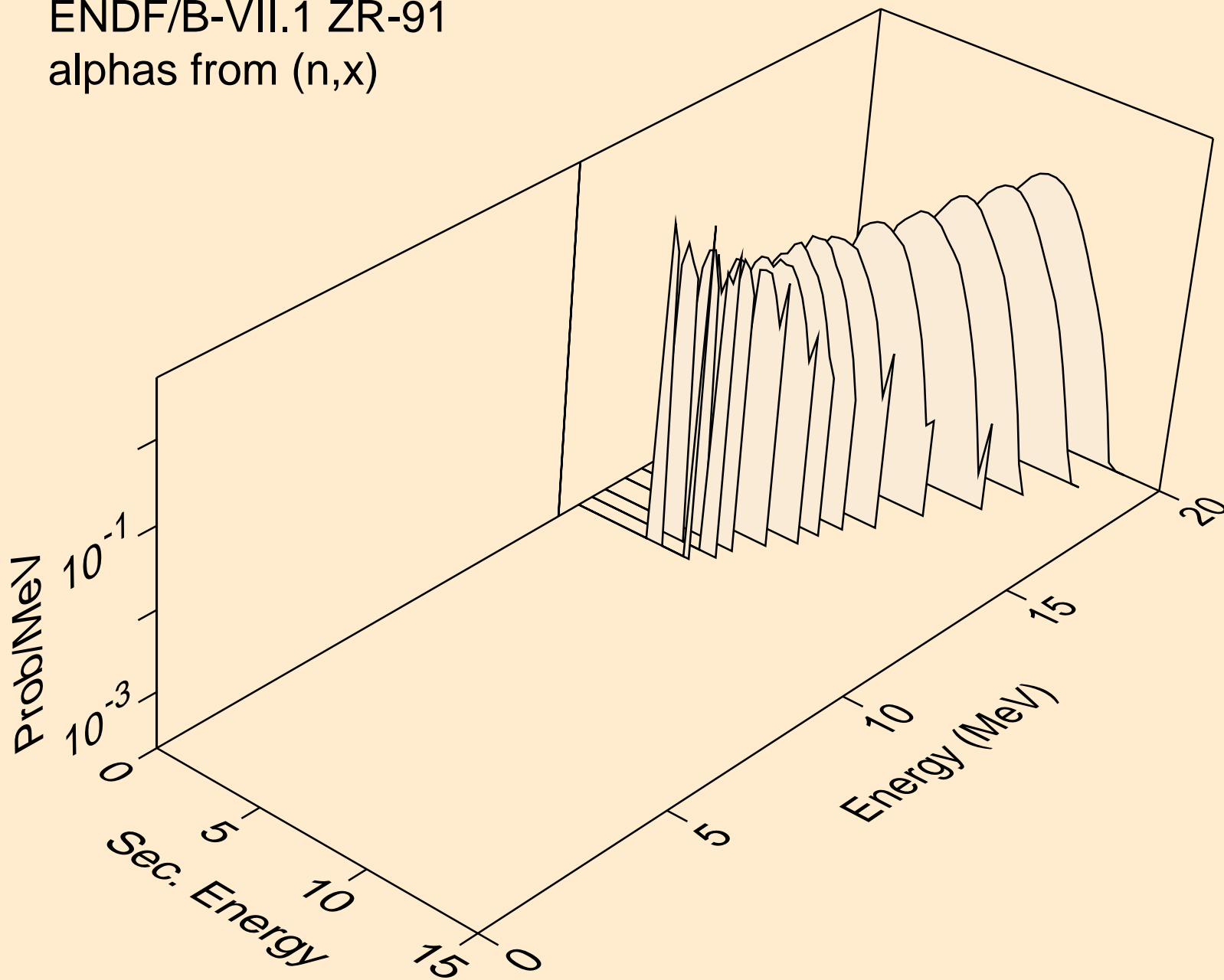
ENDF/B-VII.1 ZR-91
tritons from (n,t)



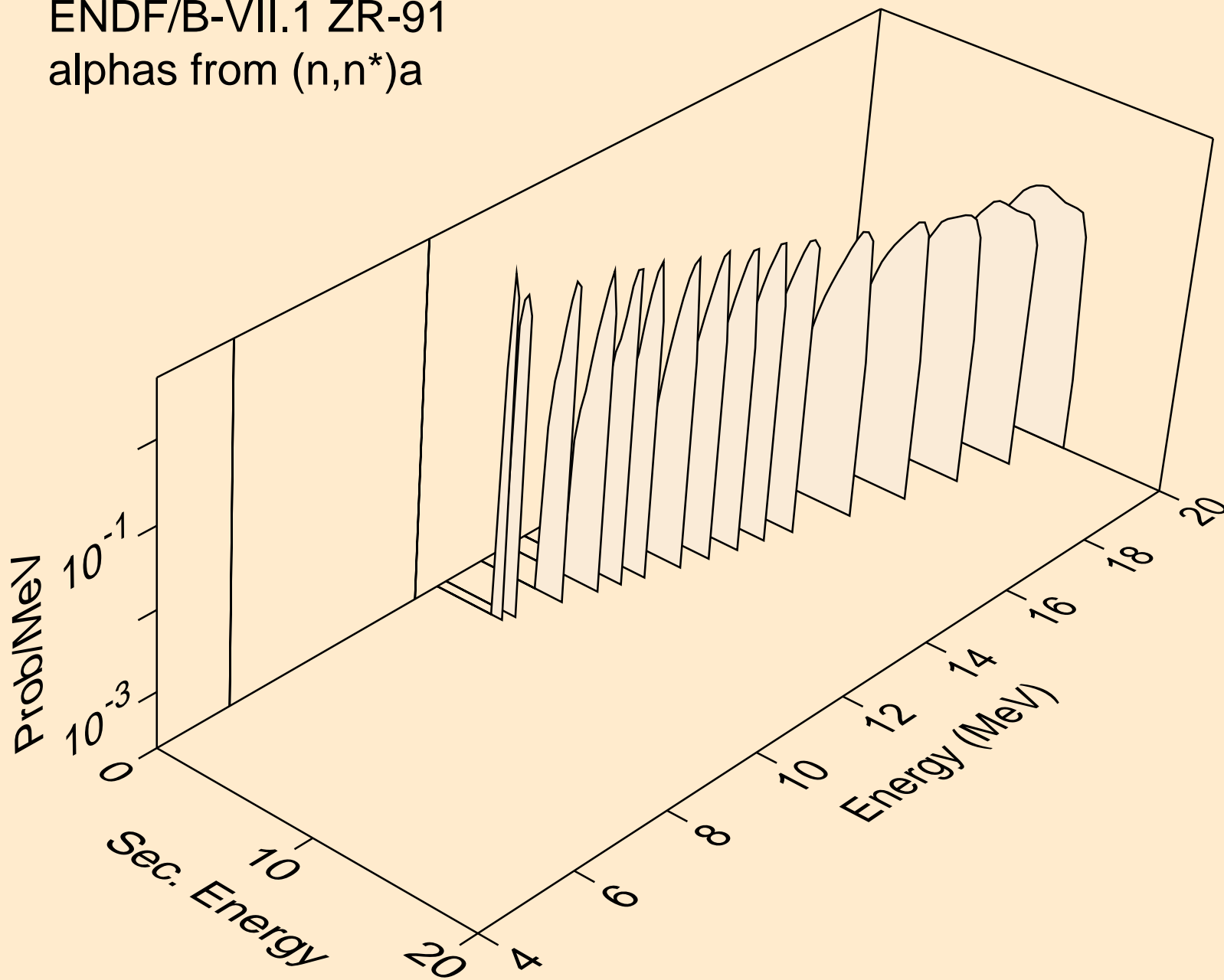
ENDF/B-VII.1 ZR-91
he3s from (n,x)



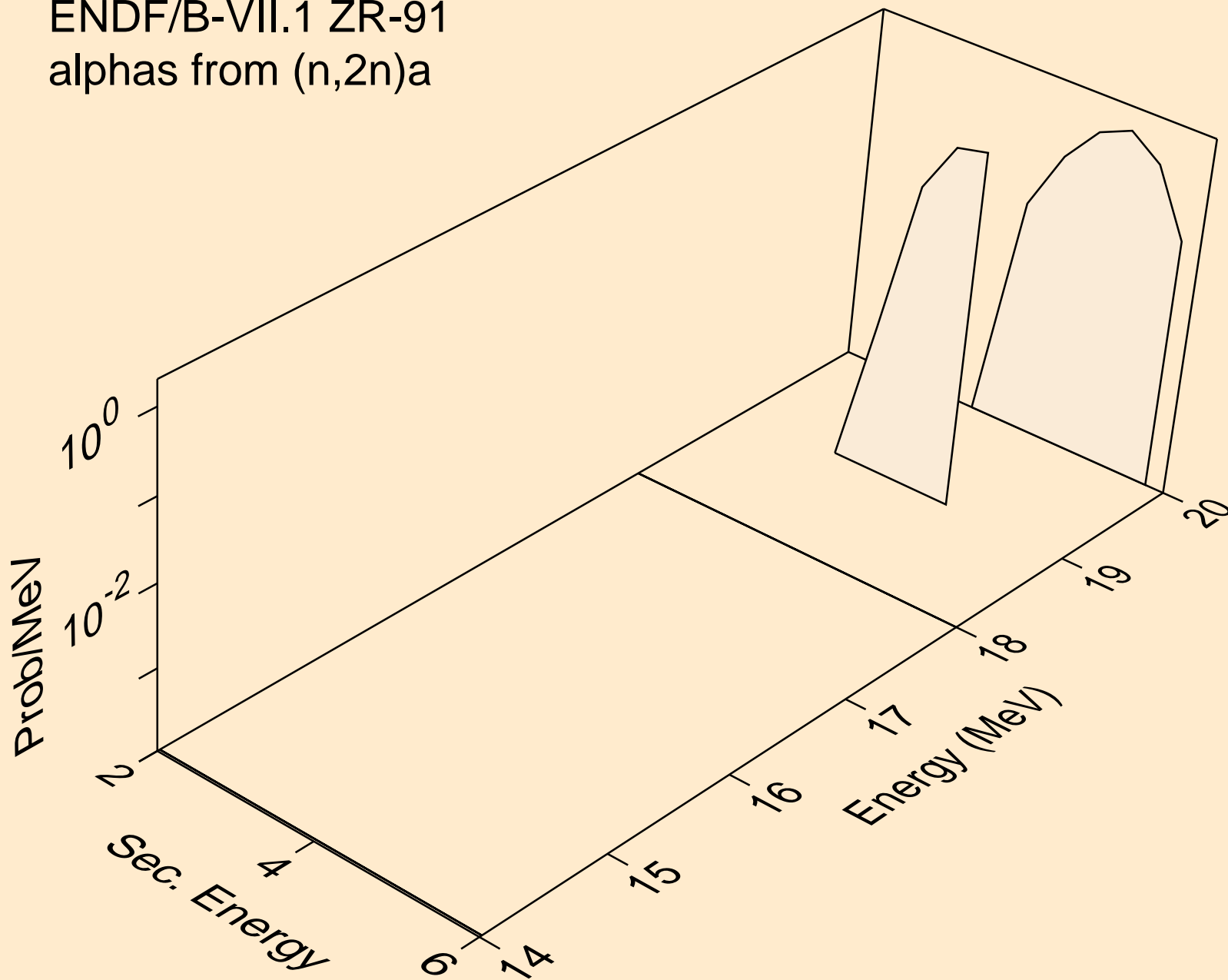
ENDF/B-VII.1 ZR-91
alphas from (n,x)



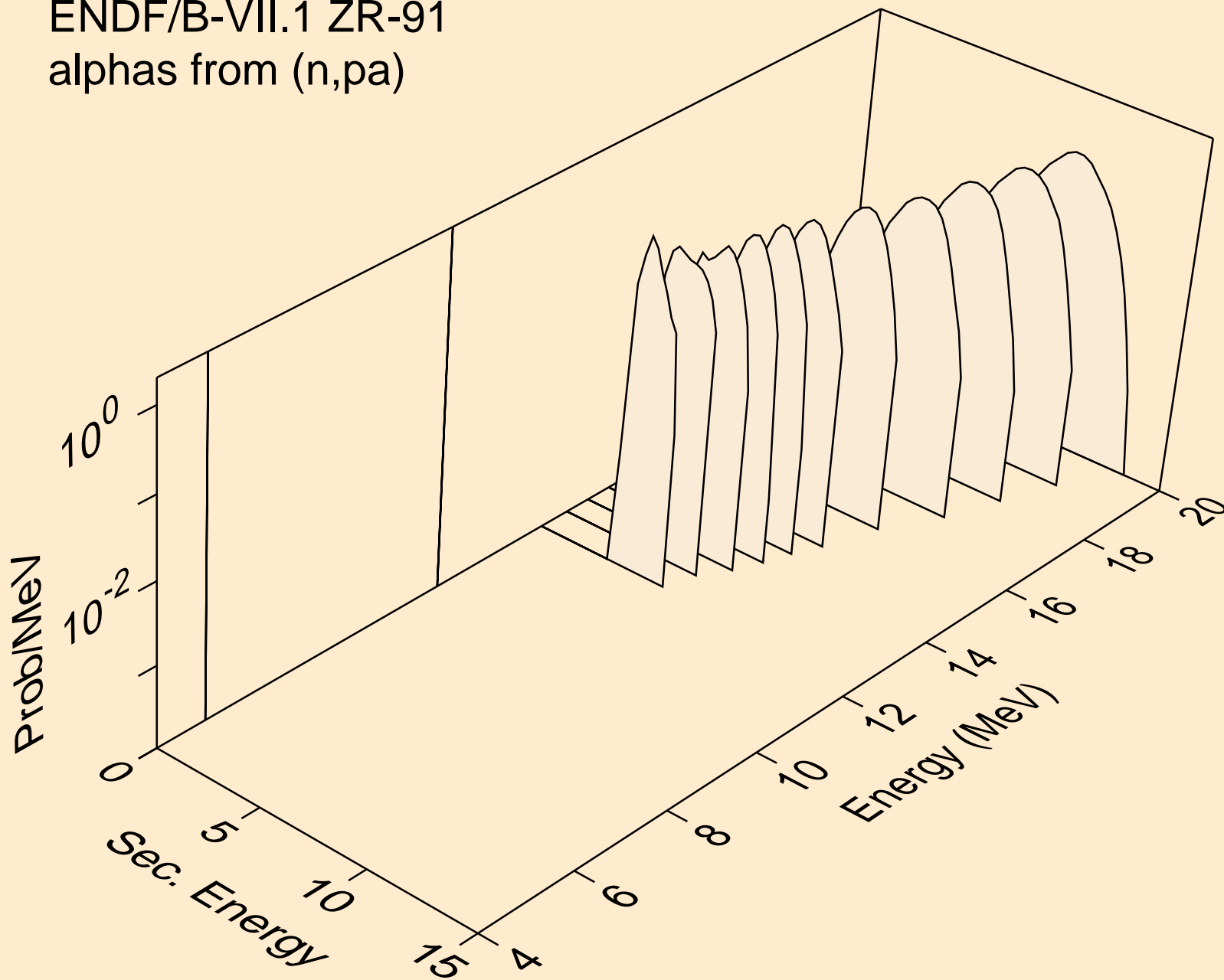
ENDF/B-VII.1 ZR-91
alphas from (n,n*)a



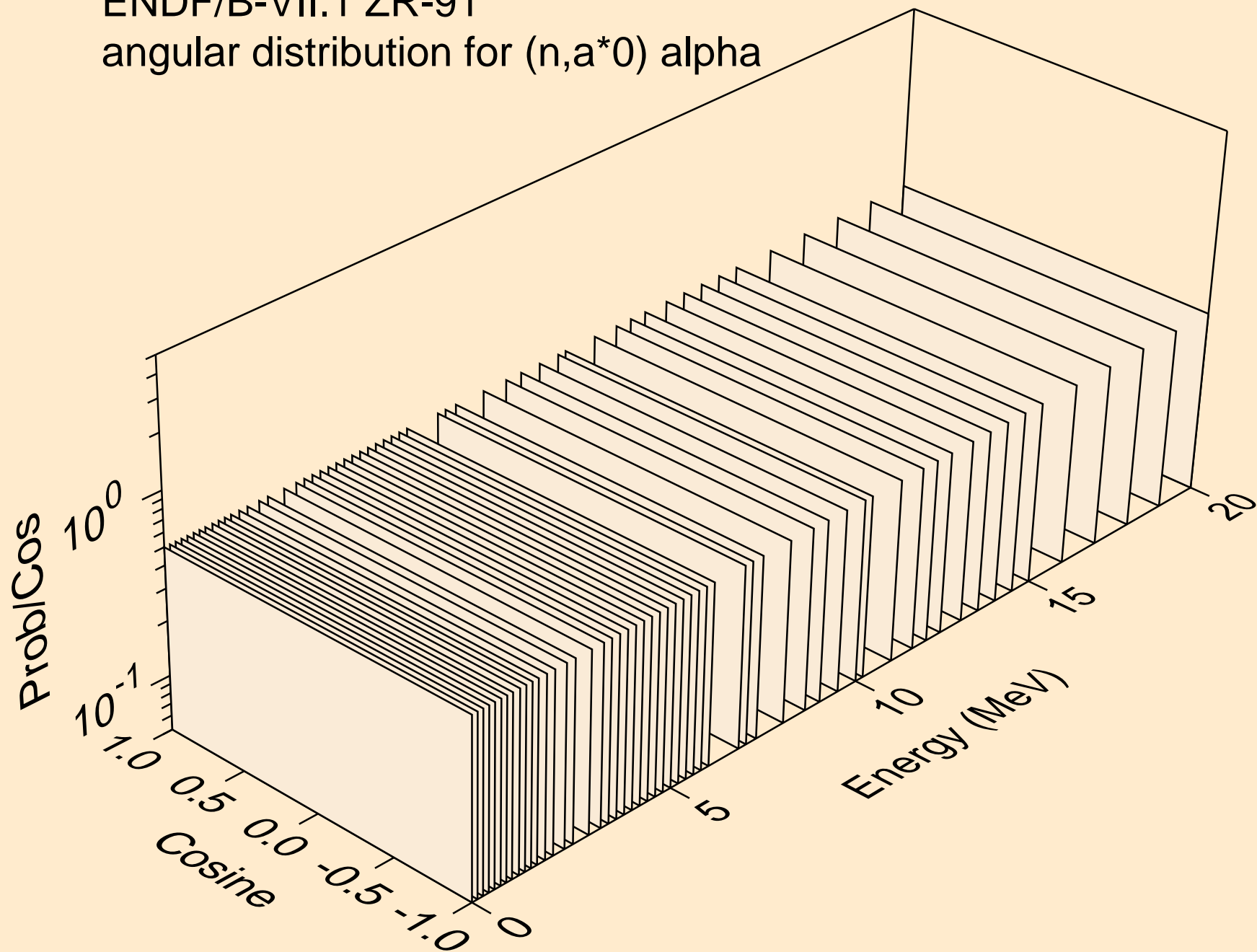
ENDF/B-VII.1 ZR-91
alphas from (n,2n)a



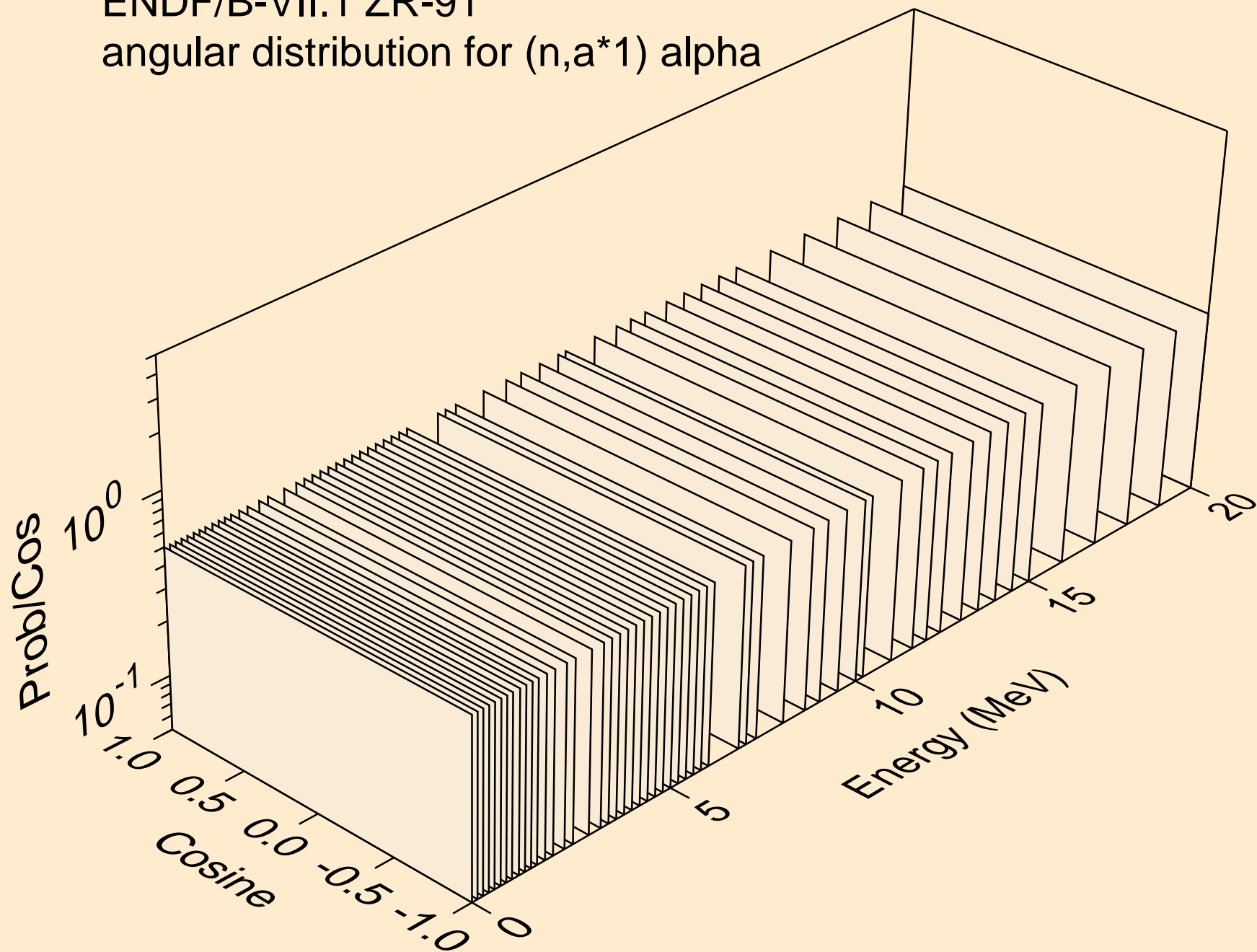
ENDF/B-VII.1 ZR-91
alphas from (n,pa)



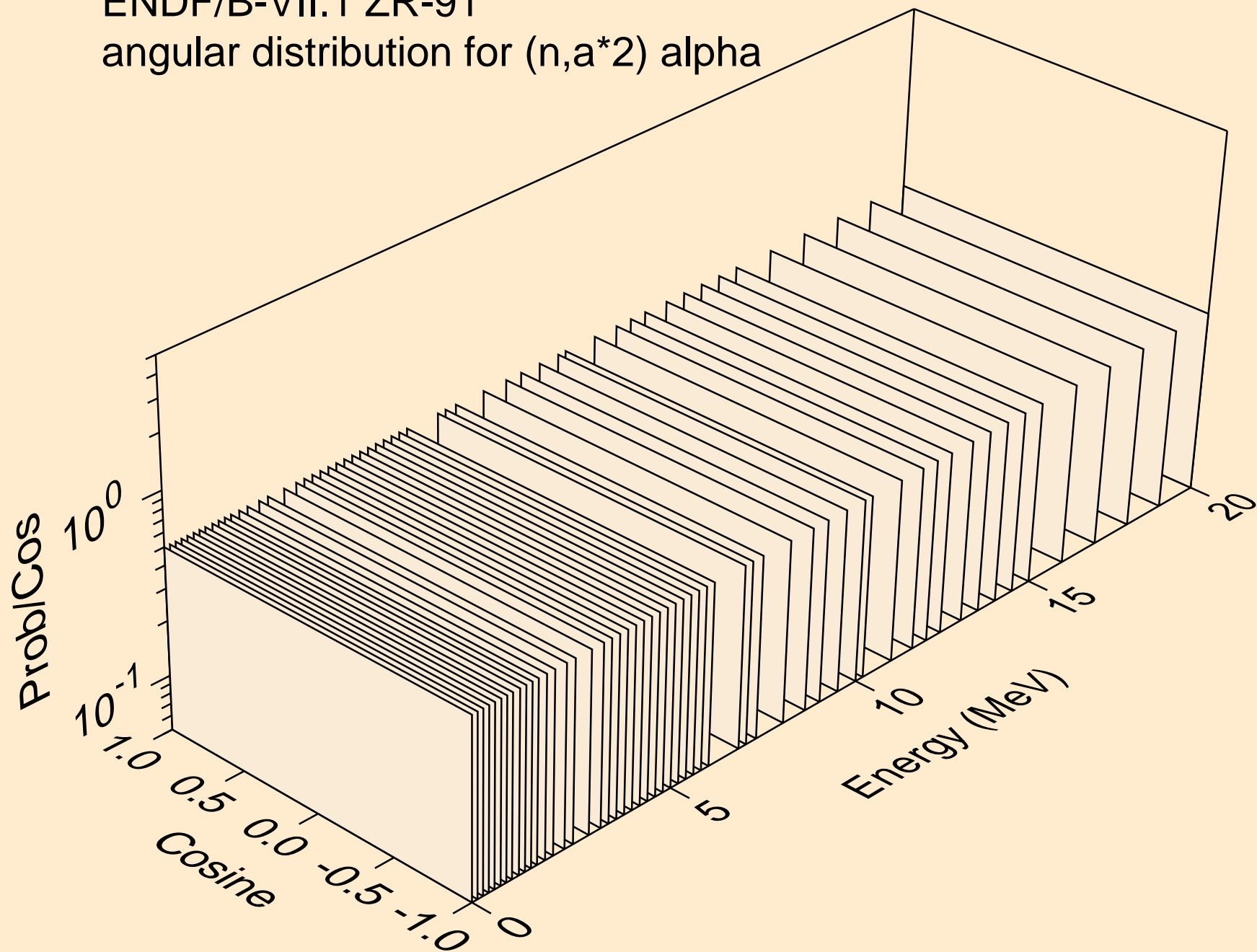
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*0) alpha



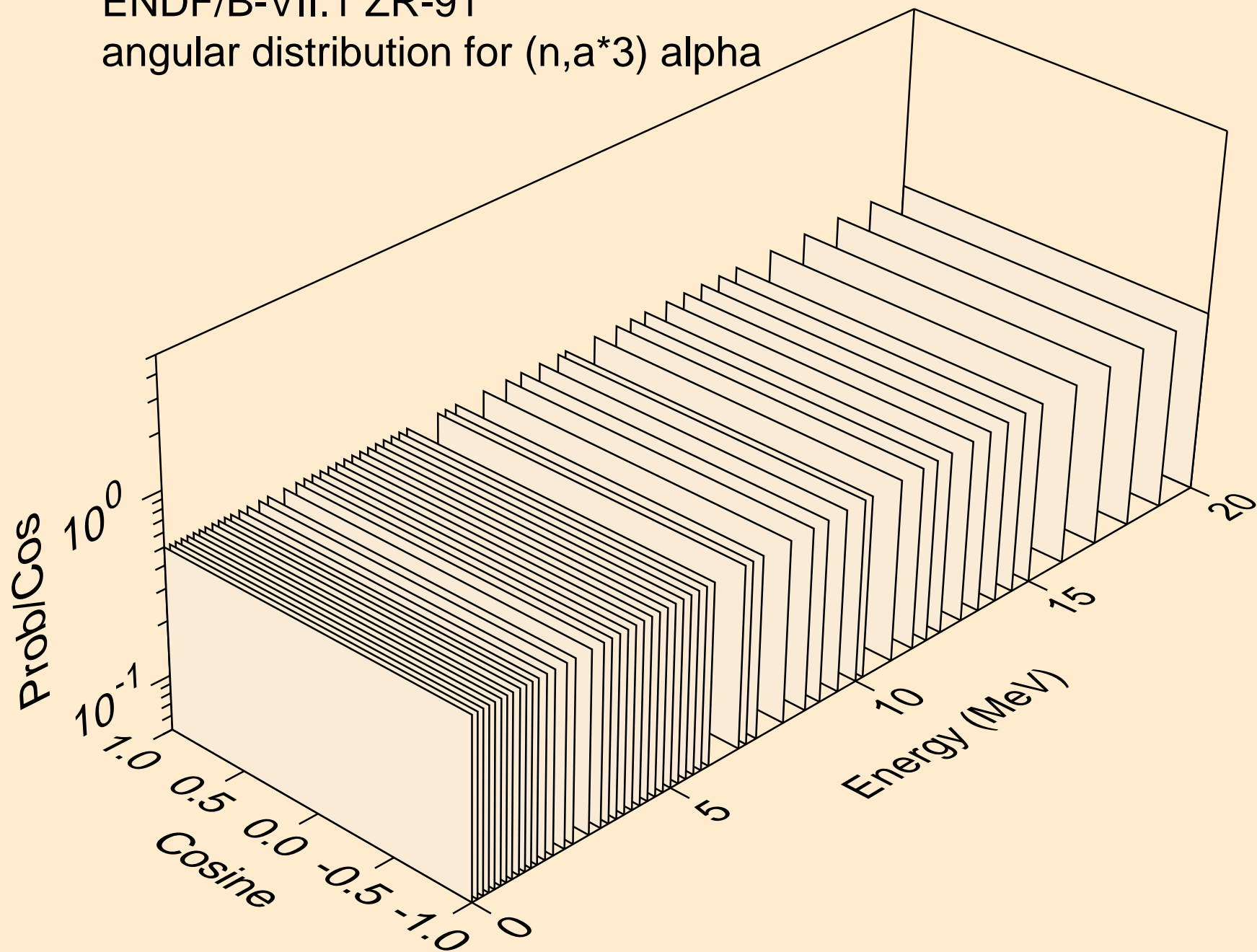
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*1) alpha



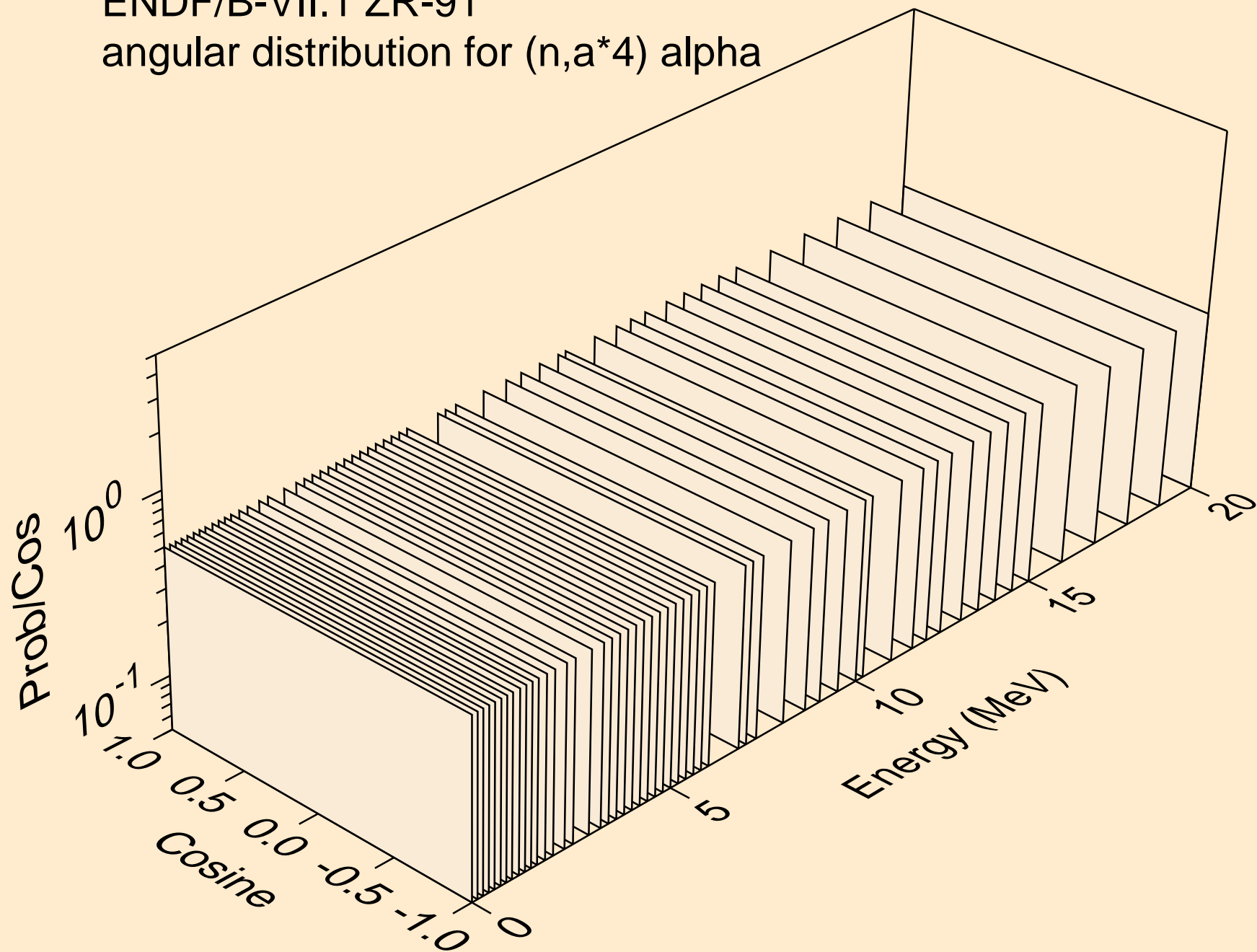
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*2) alpha



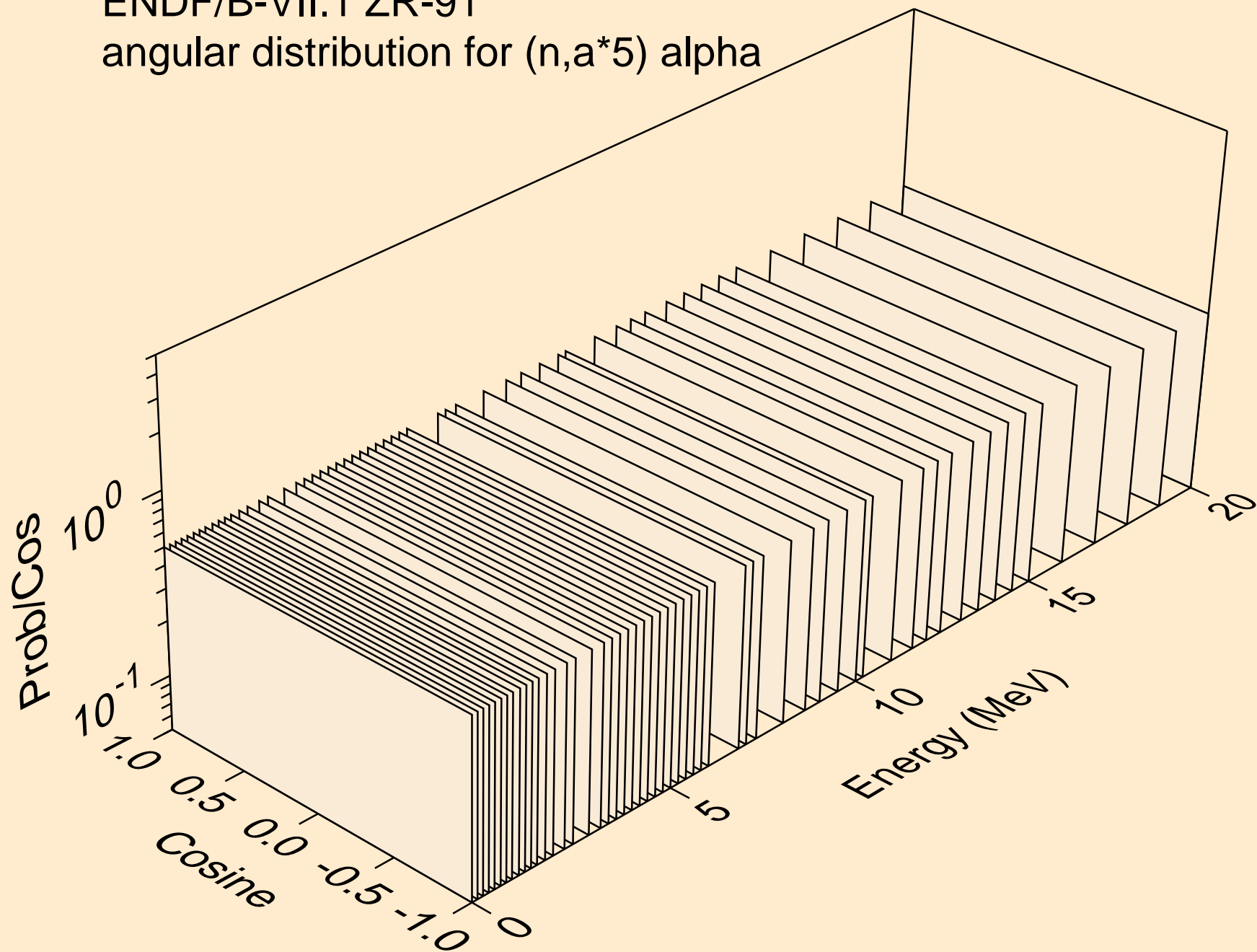
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*3) alpha



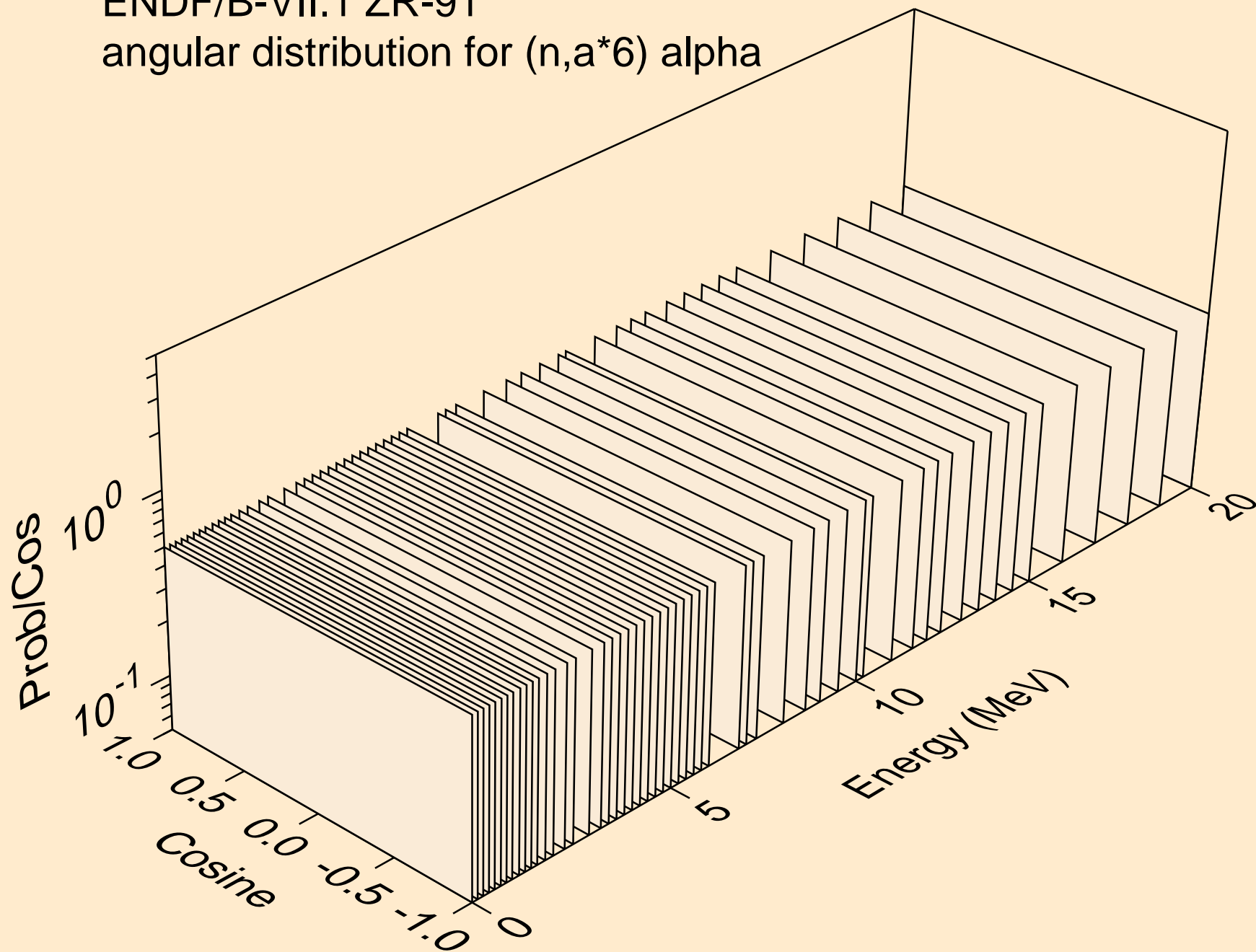
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*4) alpha



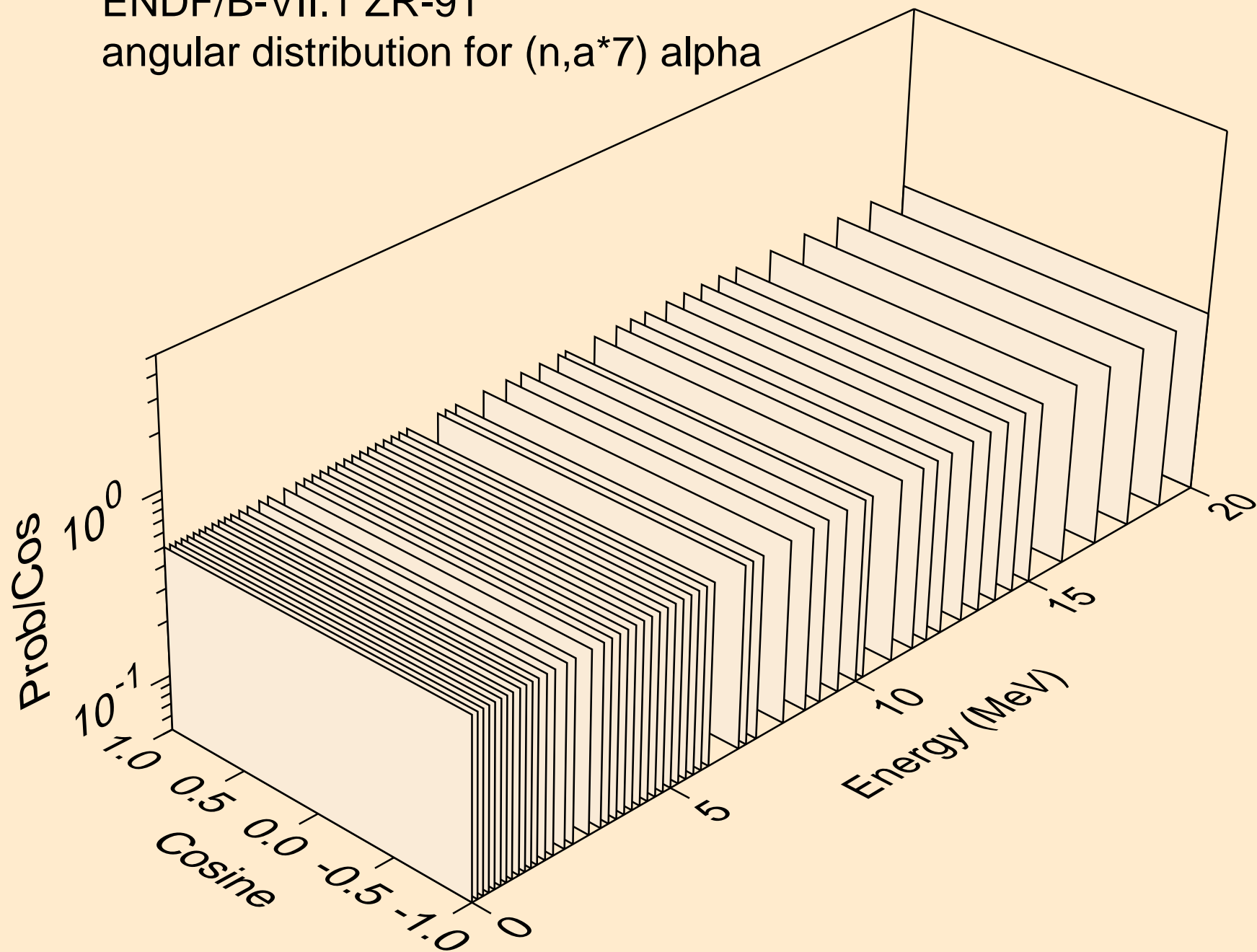
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*5) alpha



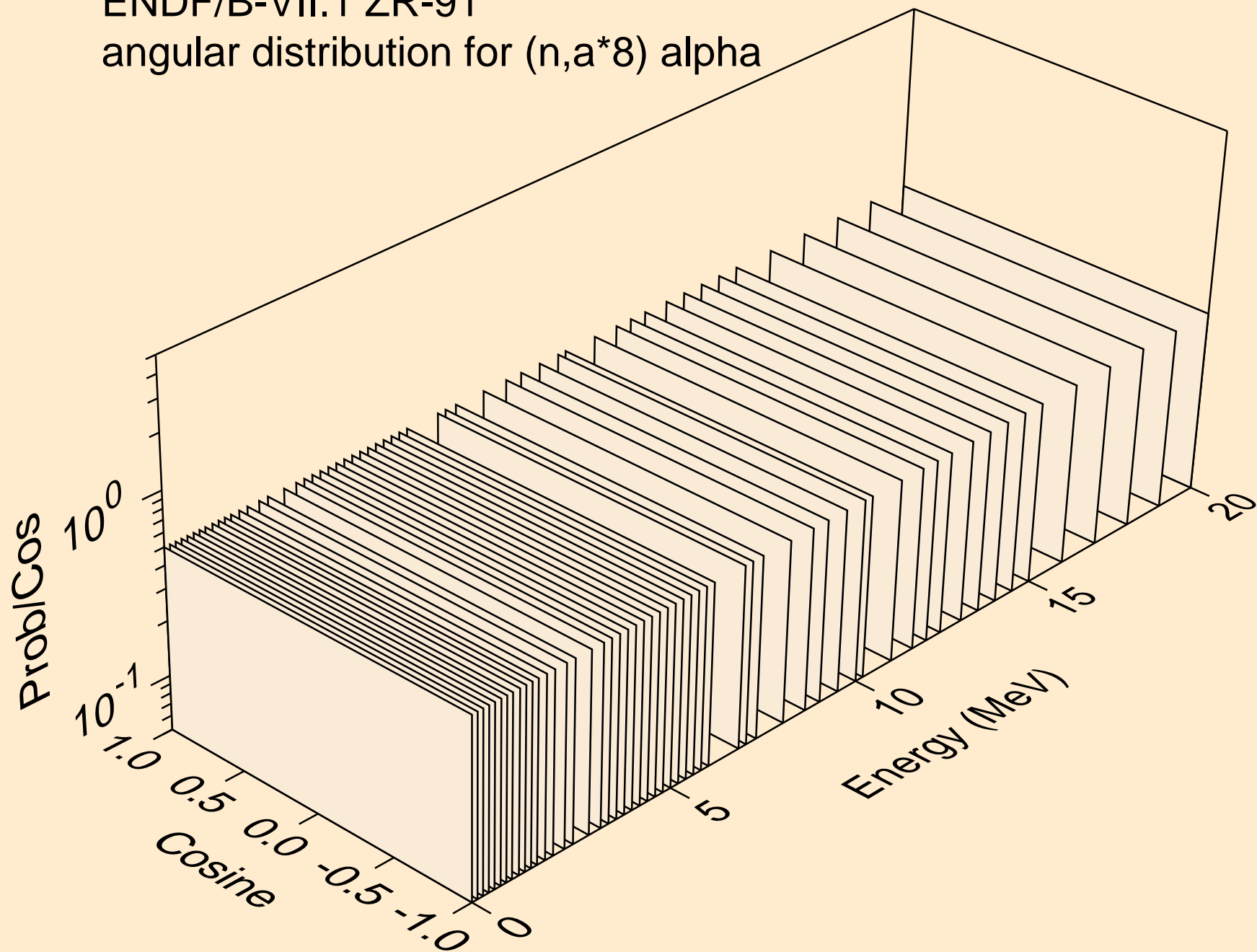
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angular distribution for (n,a*6) alpha



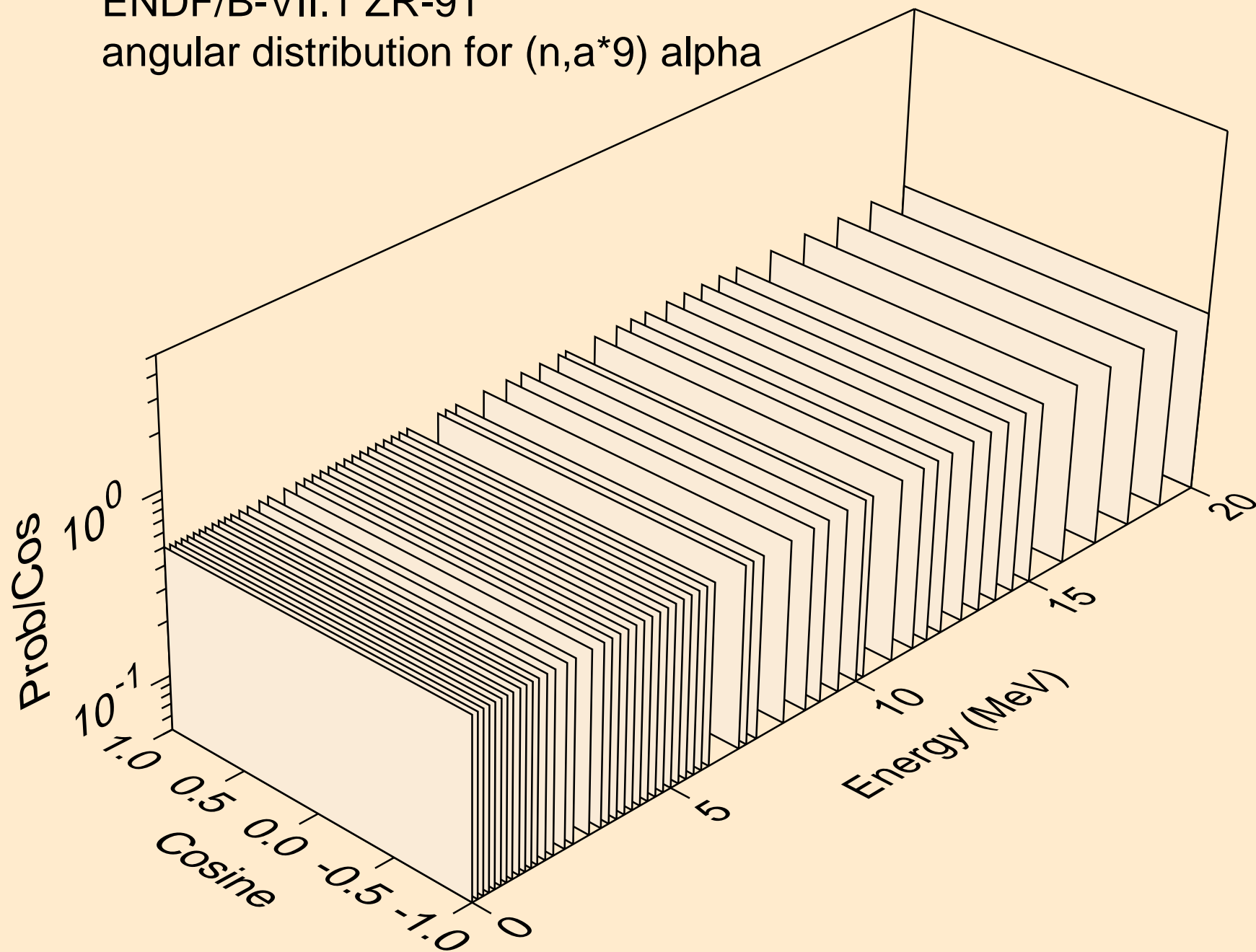
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*7) alpha



ENDF/B-VII.1 ZR-91
angular distribution for (n,a*8) alpha

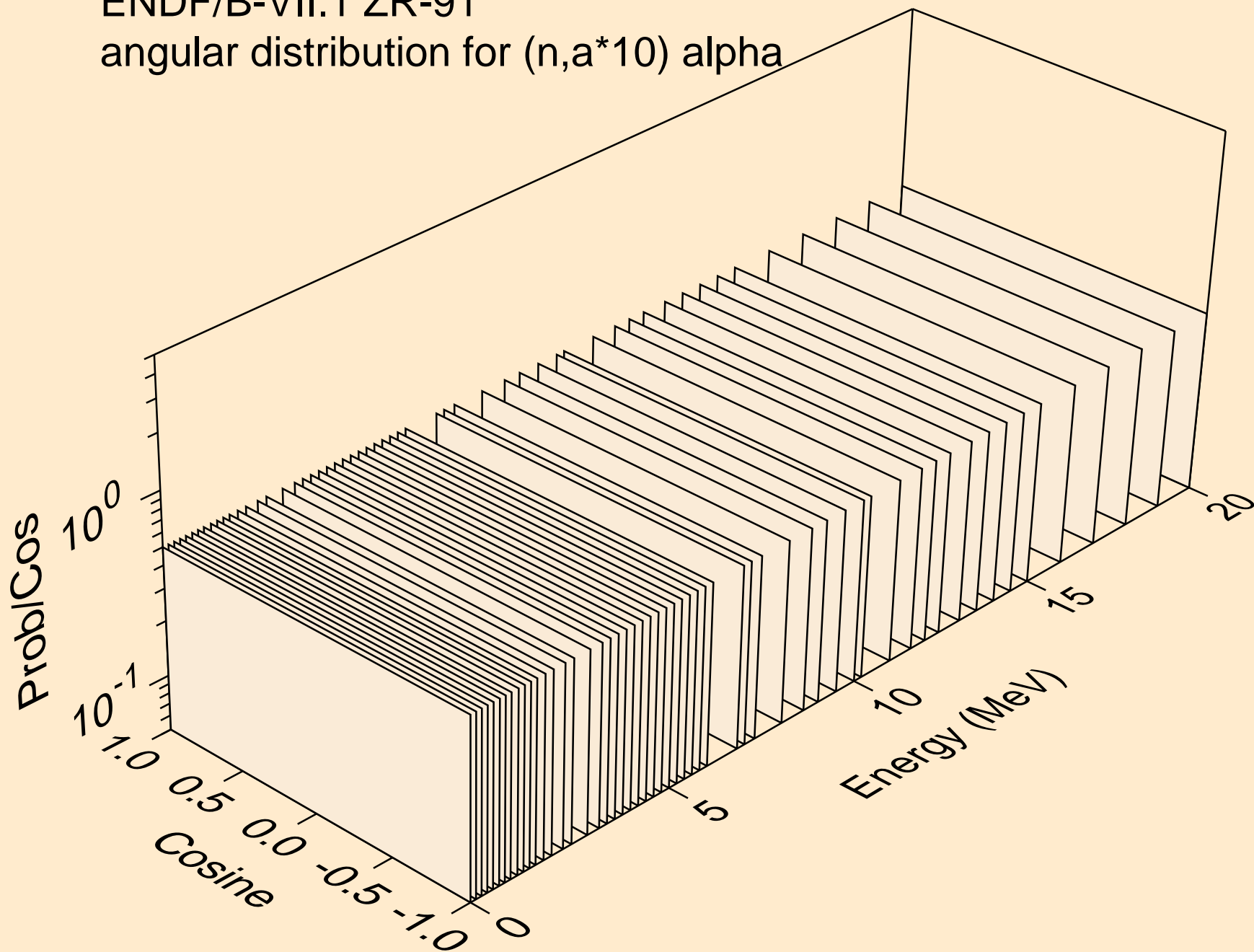


ENDF/B-VII.1 ZR-91
angular distribution for (n,a*9) alpha

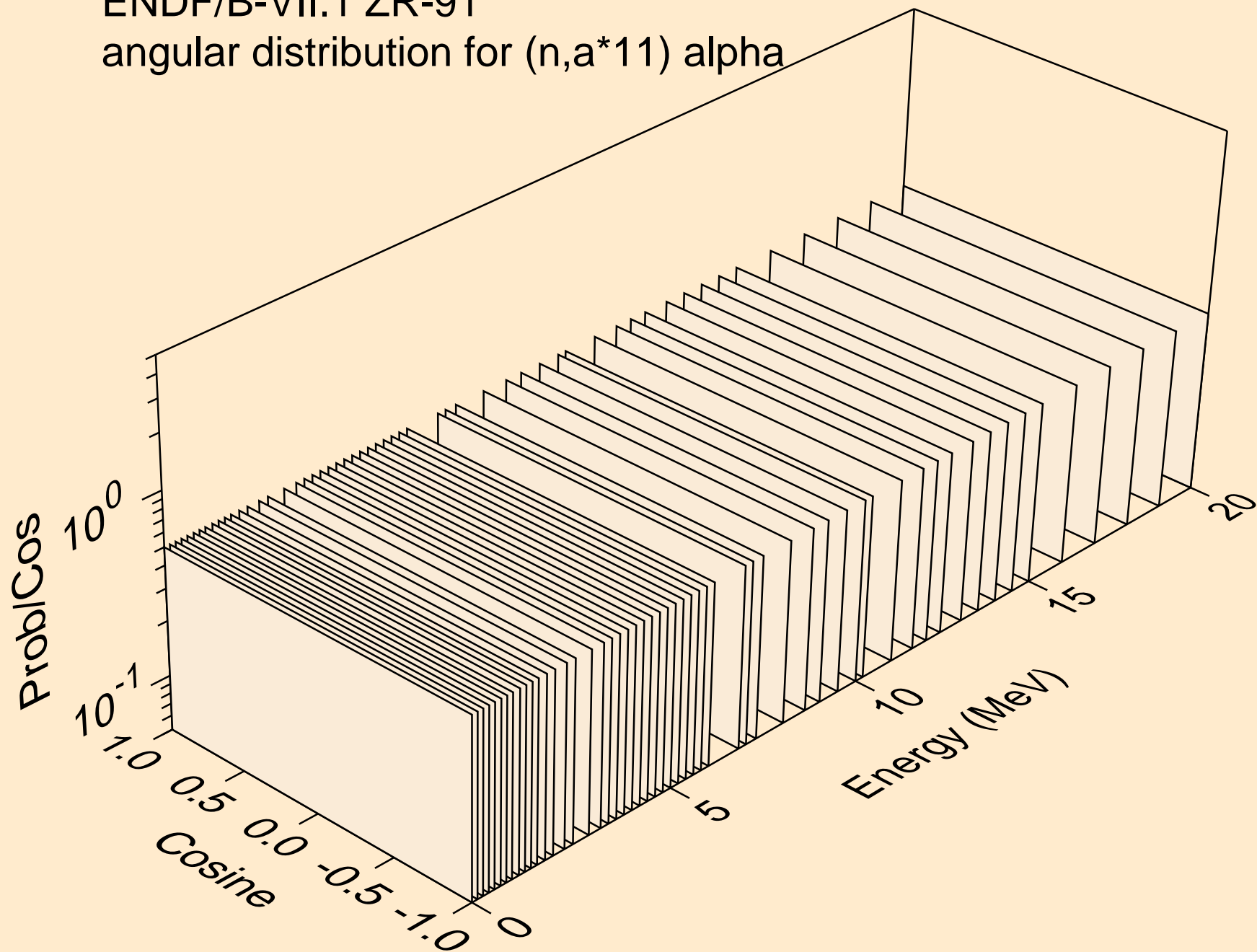


ENDF/B-VII.1 ZR-91

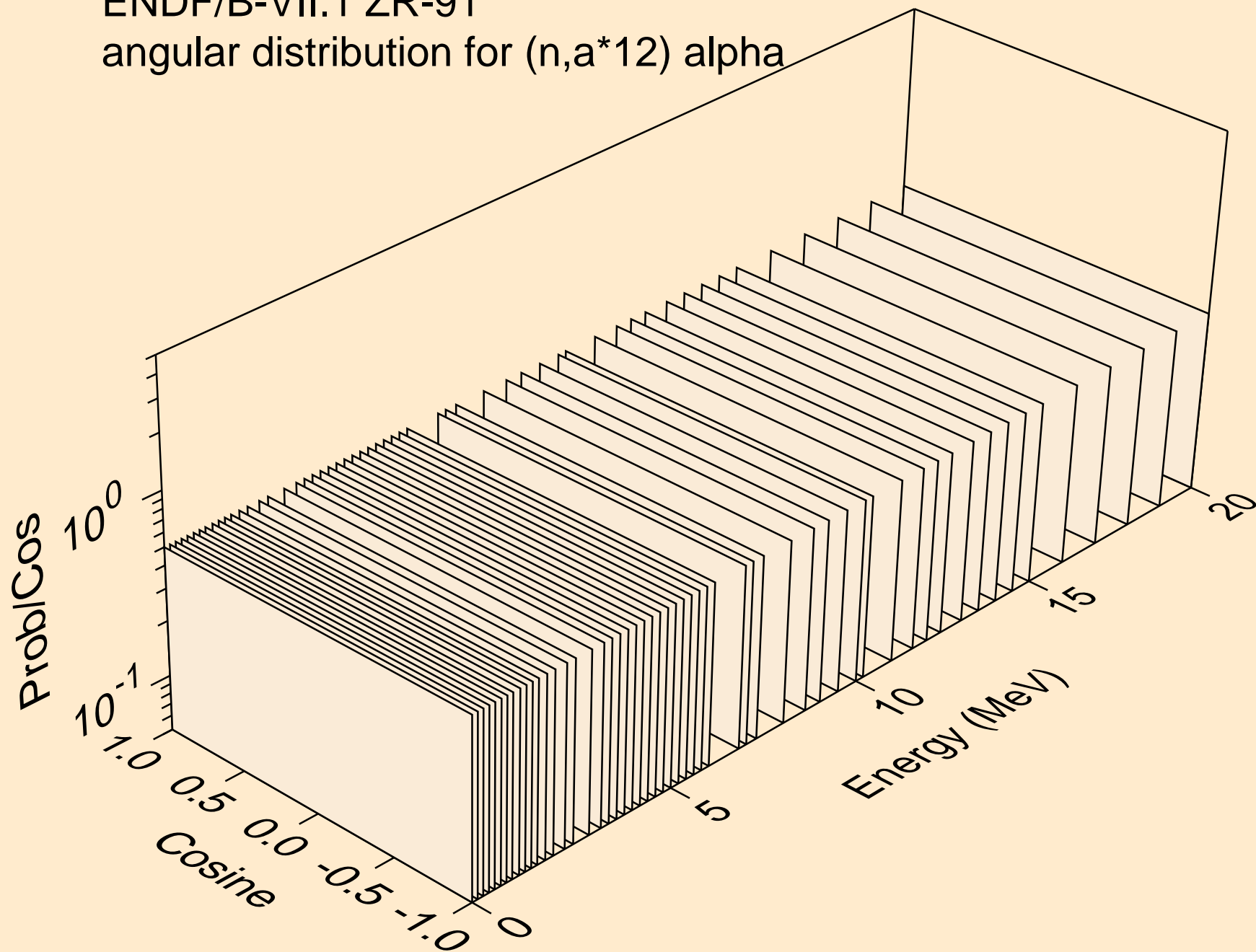
angular distribution for (n,a*10) alpha



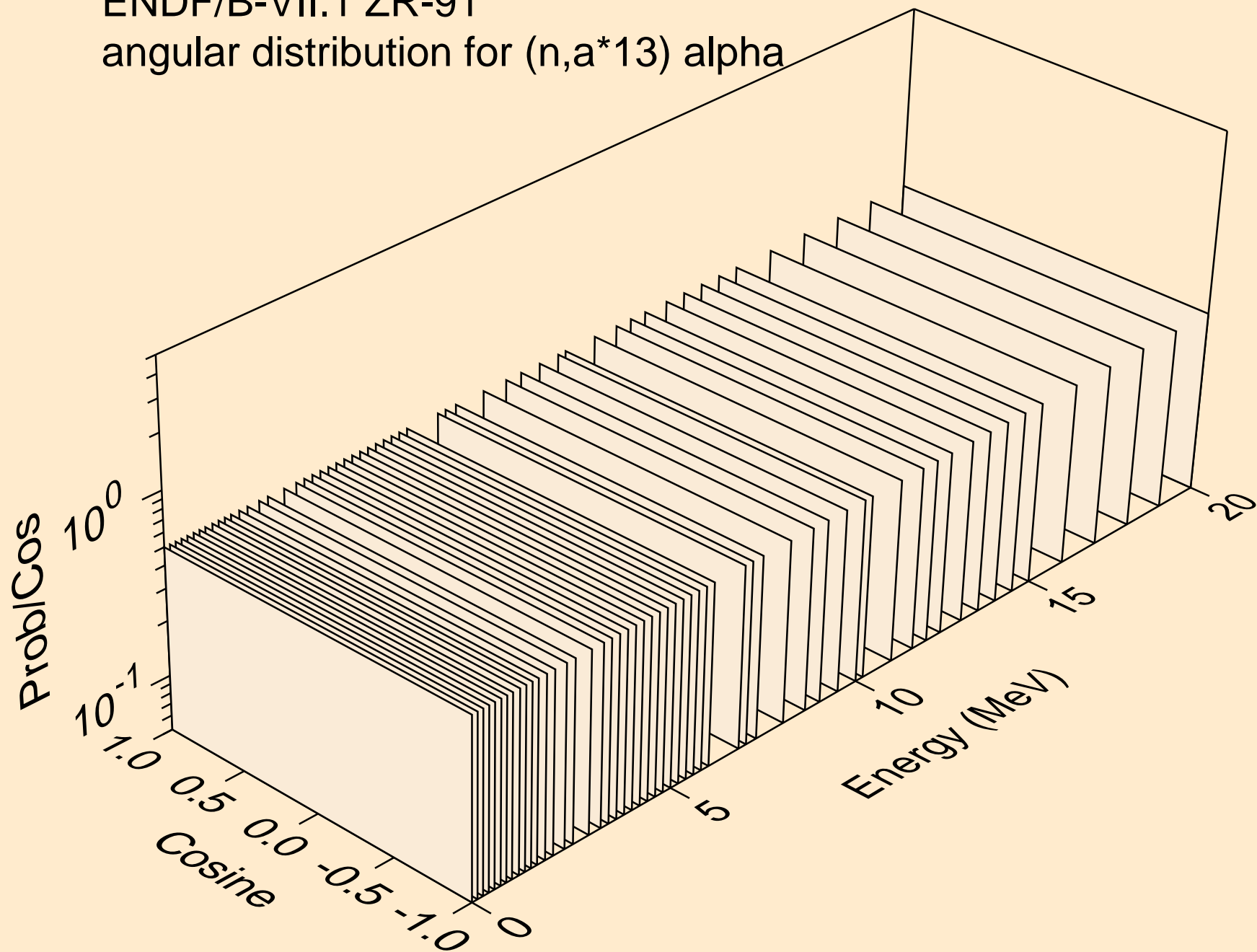
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*11) alpha



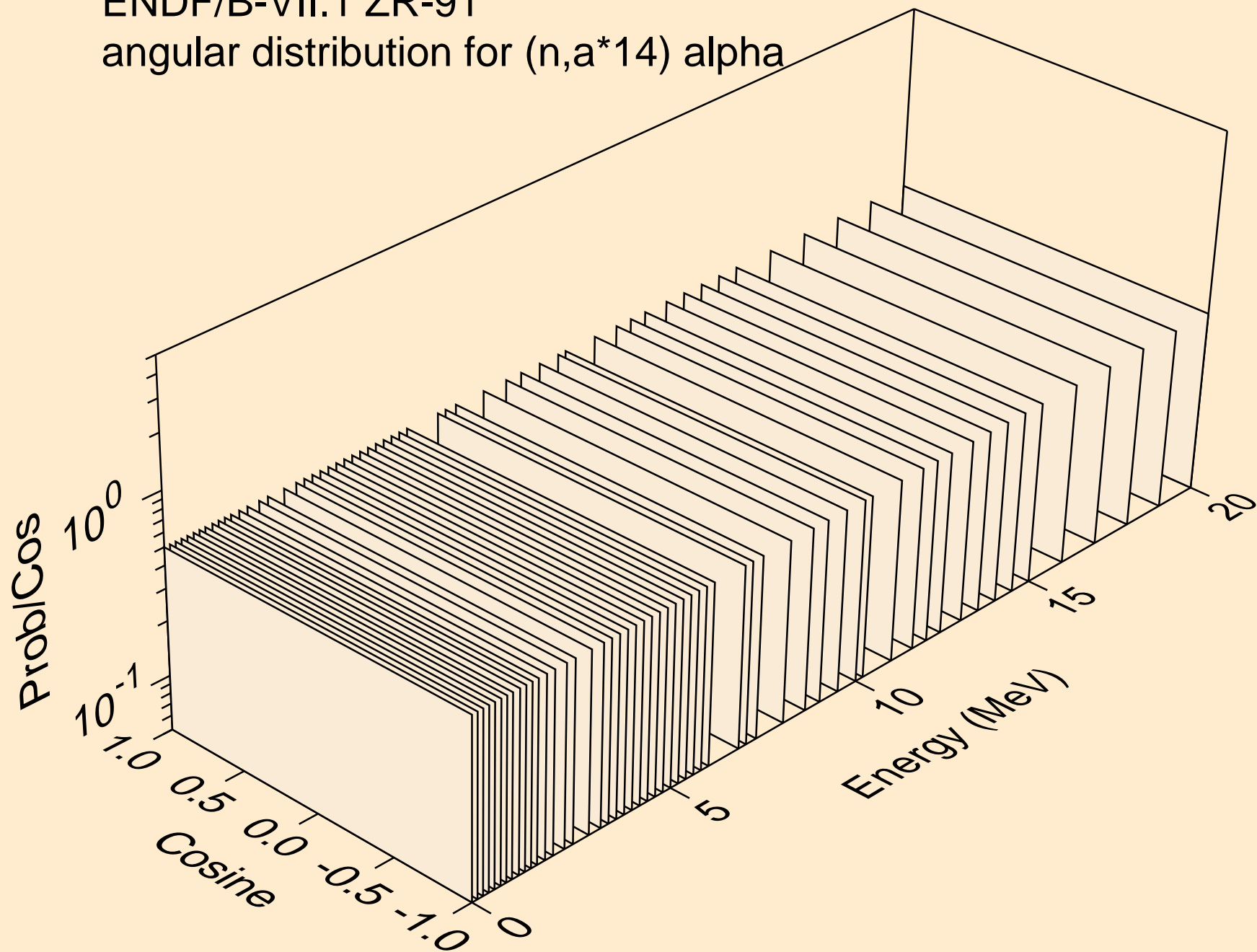
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*12) alpha



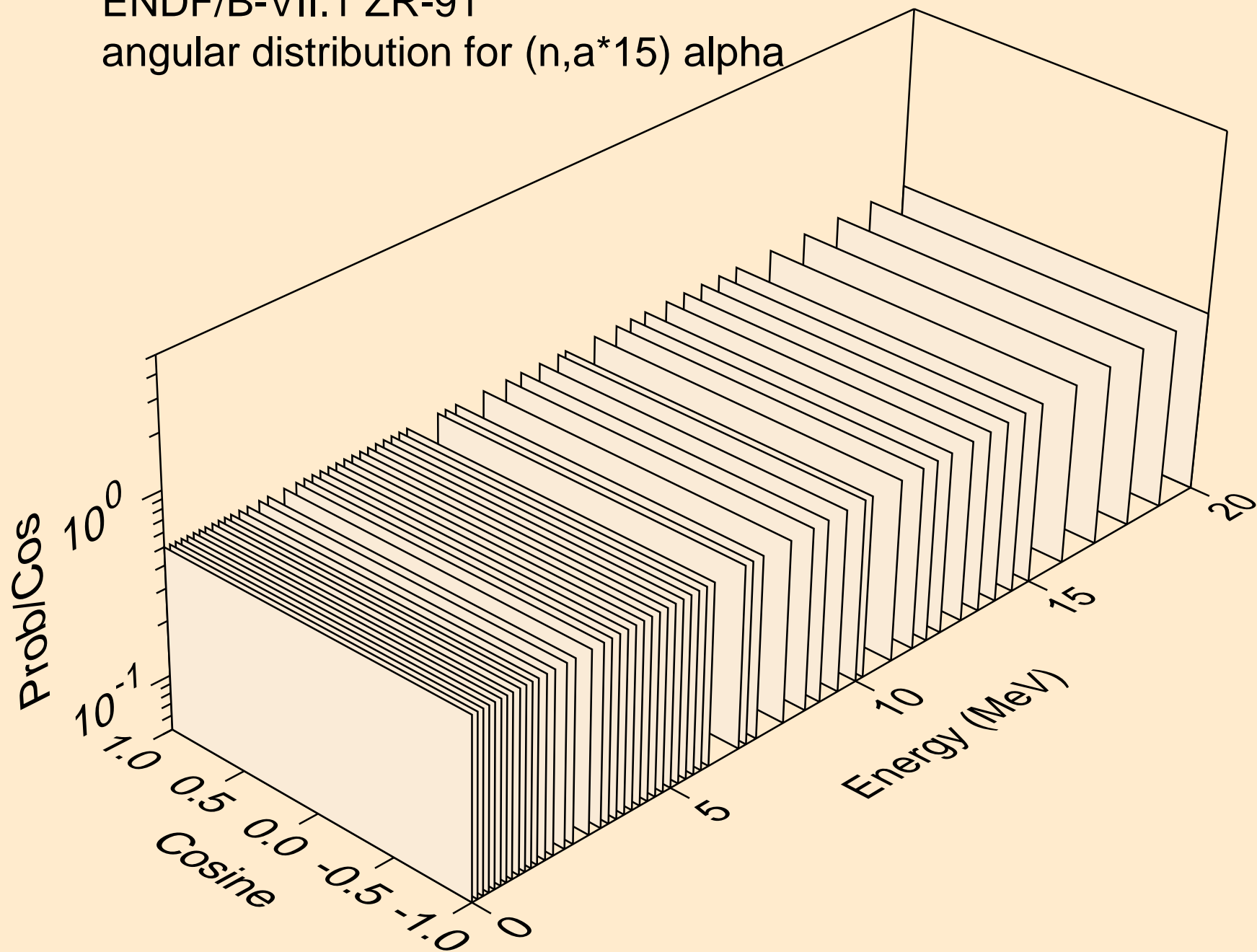
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*13) alpha



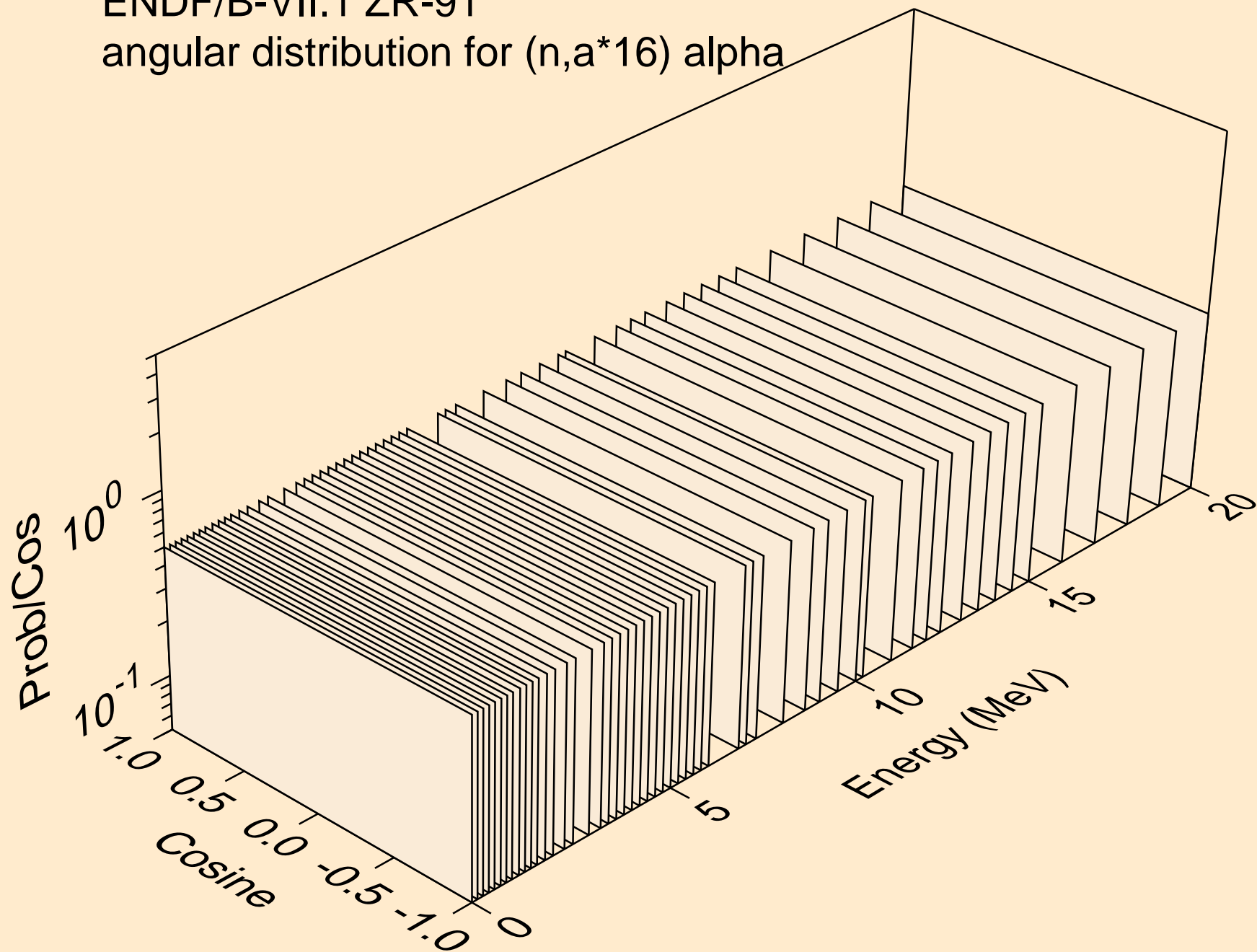
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *14) alpha



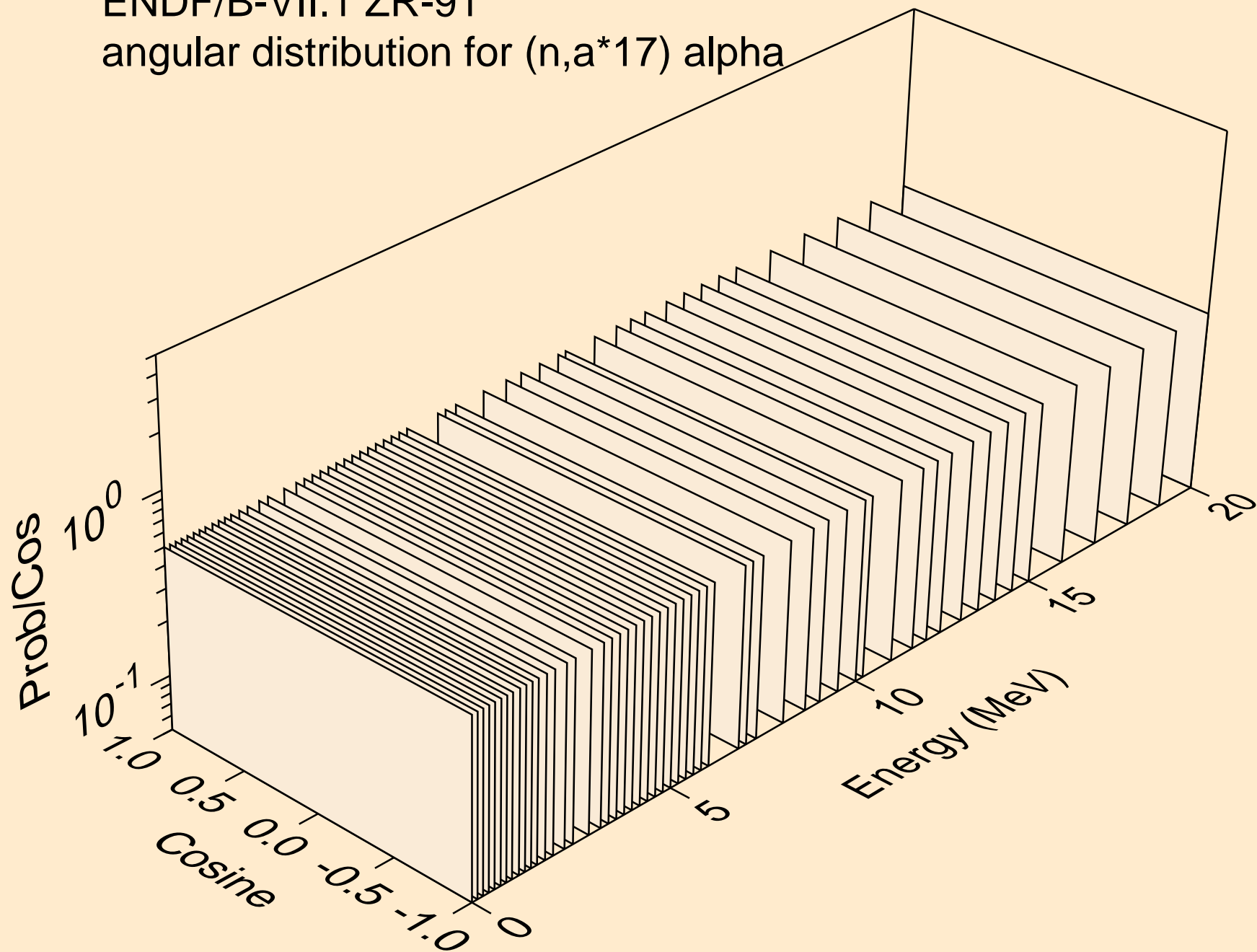
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angular distribution for (n,a*15) alpha



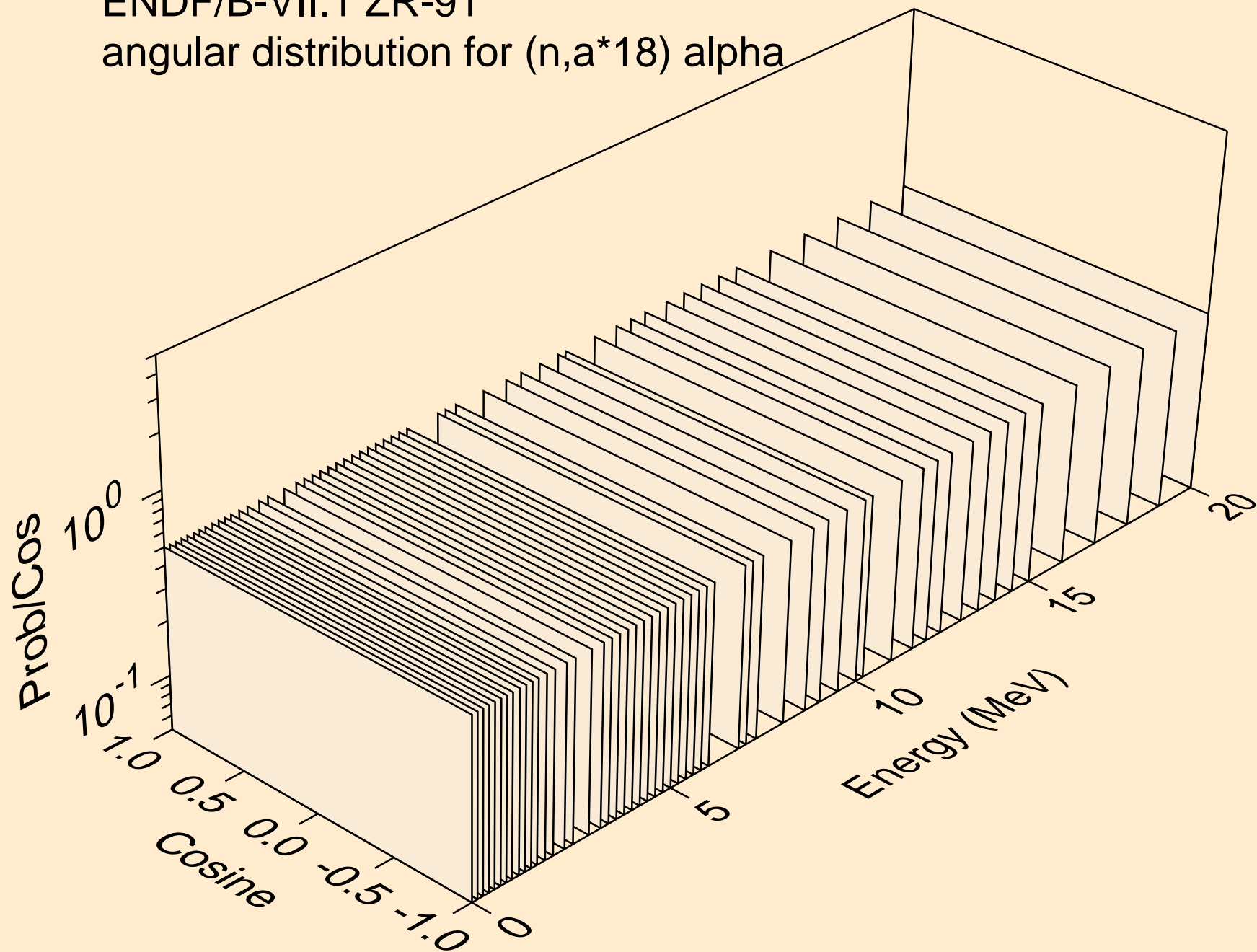
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *16) alpha



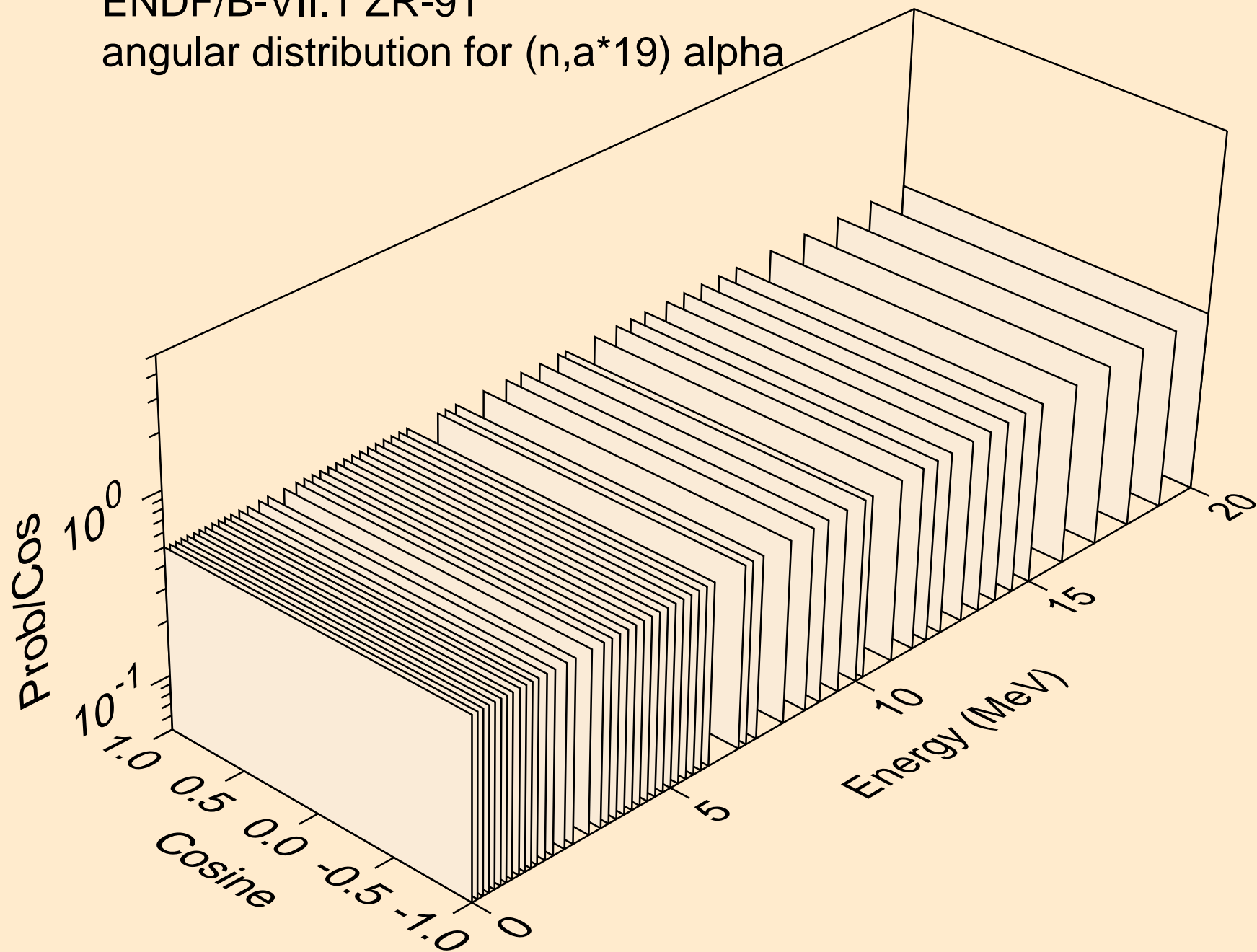
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *17) alpha



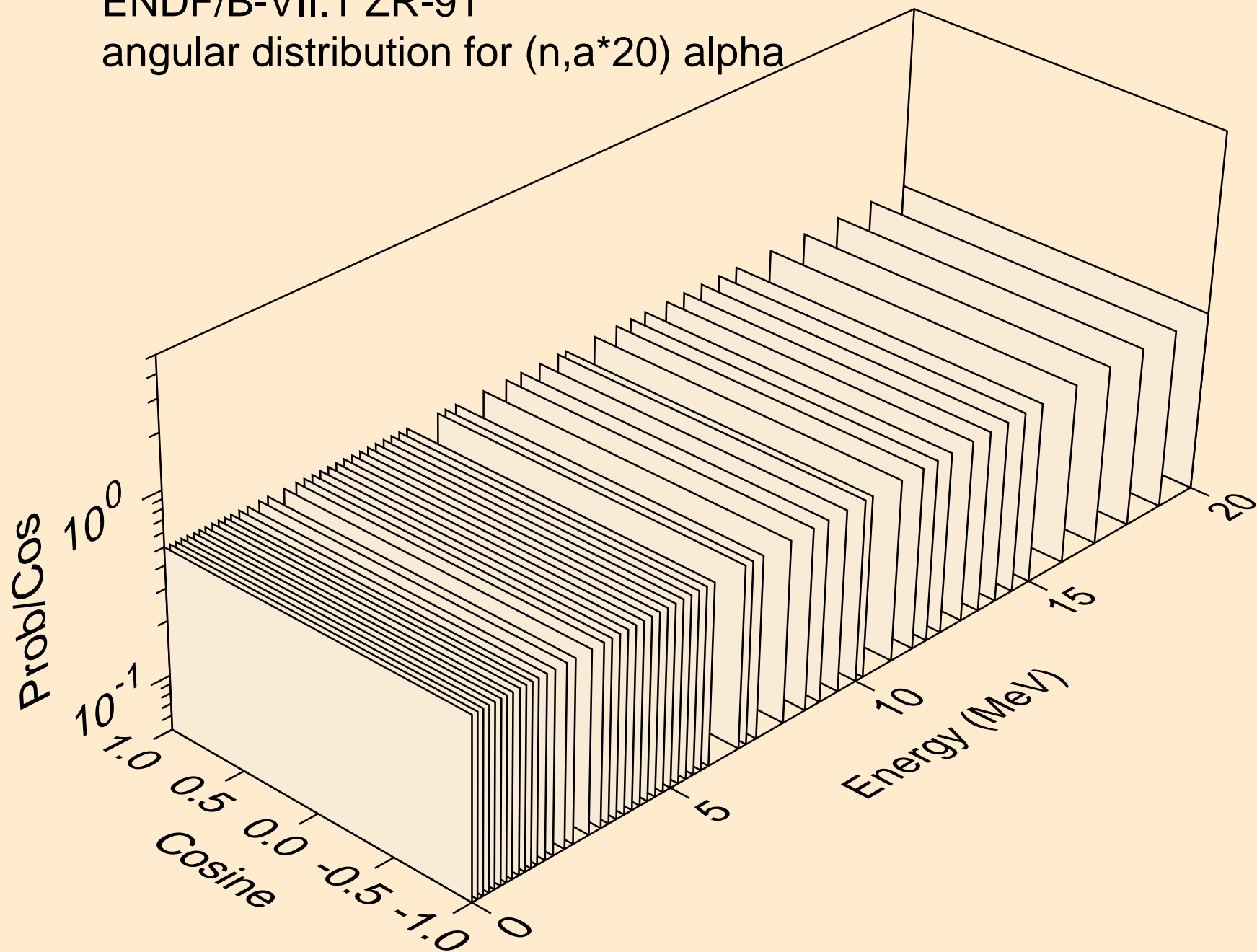
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angular distribution for (n,a*18) alpha



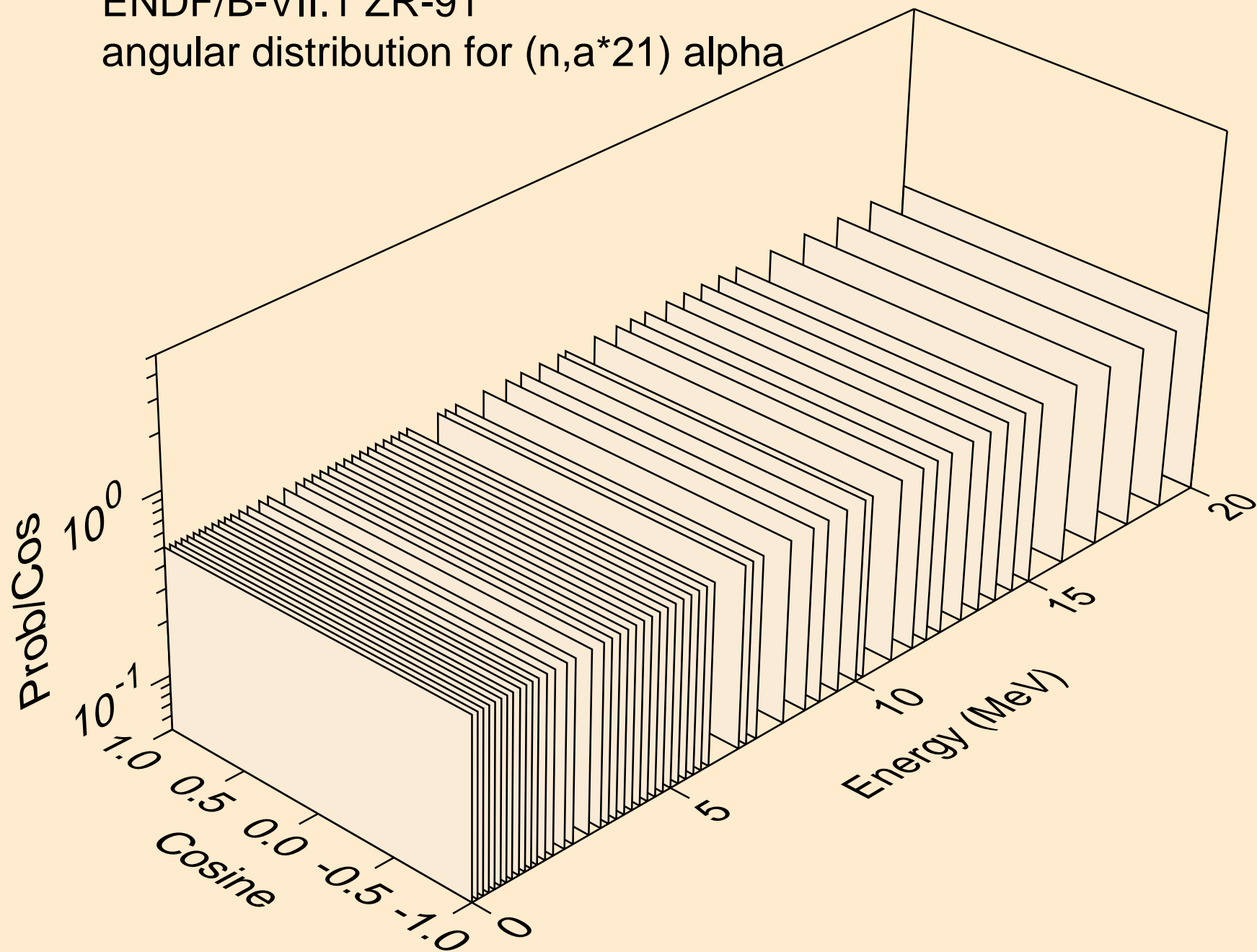
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*19) alpha



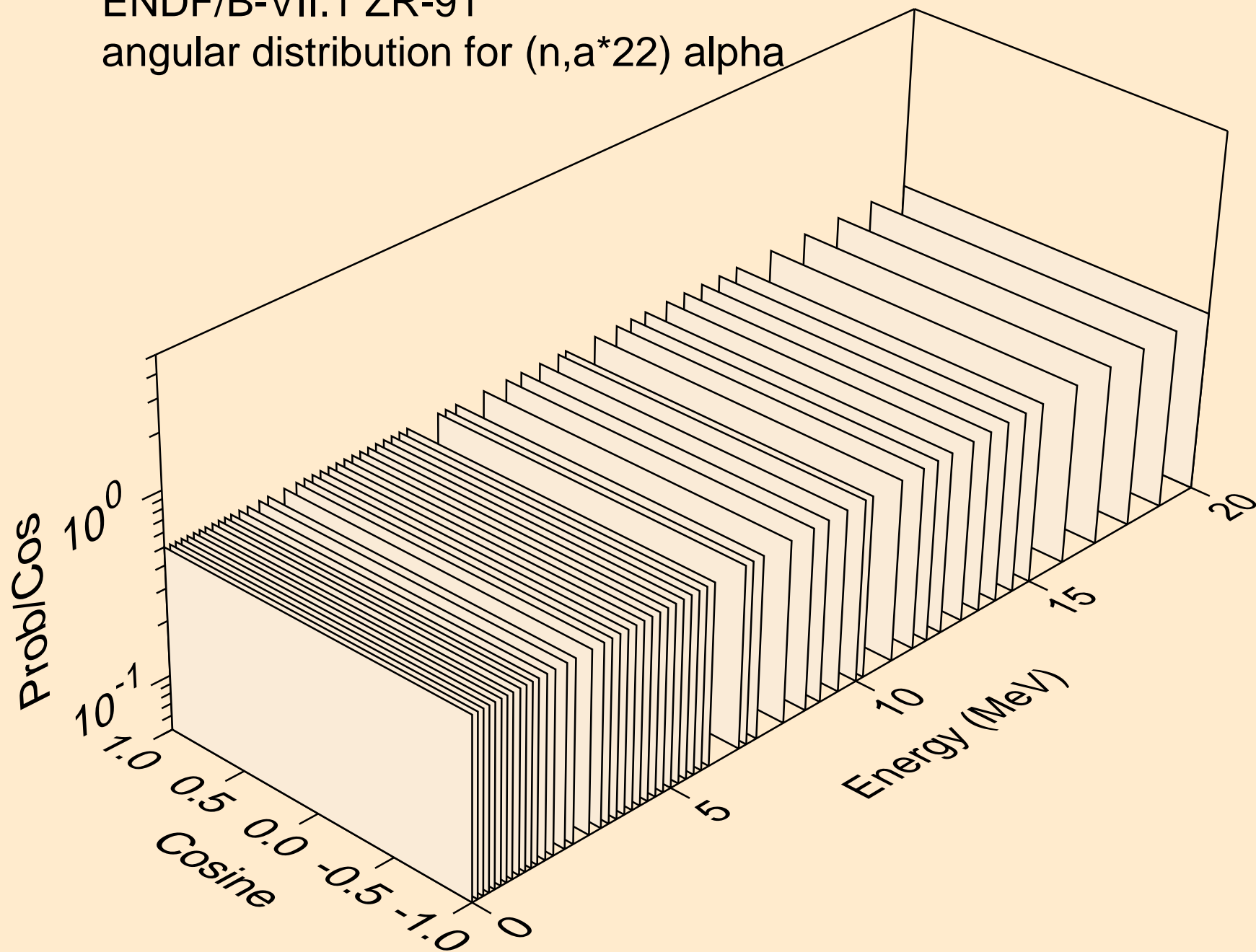
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angular distribution for (n,a*20) alpha



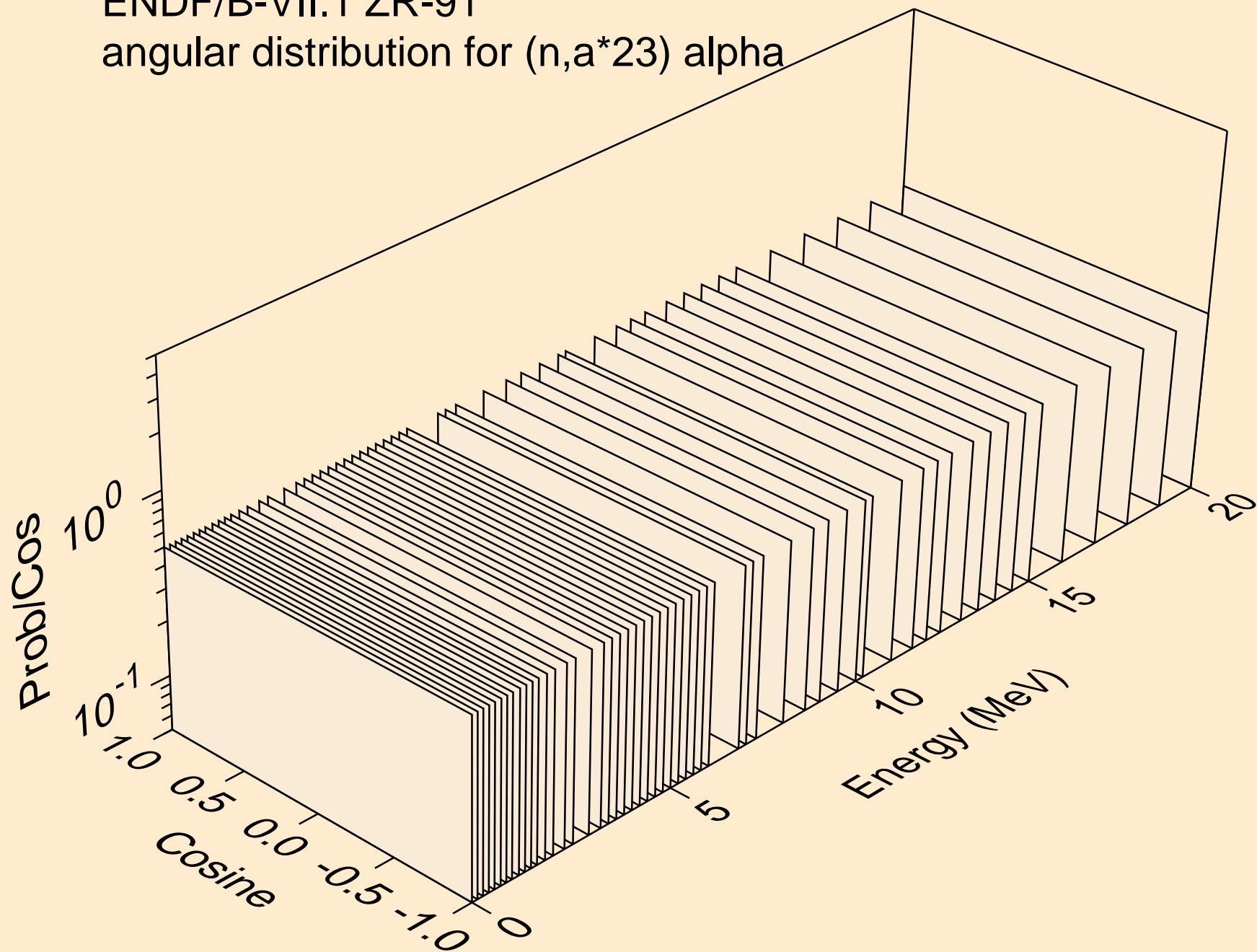
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angular distribution for (n,a*21) alpha



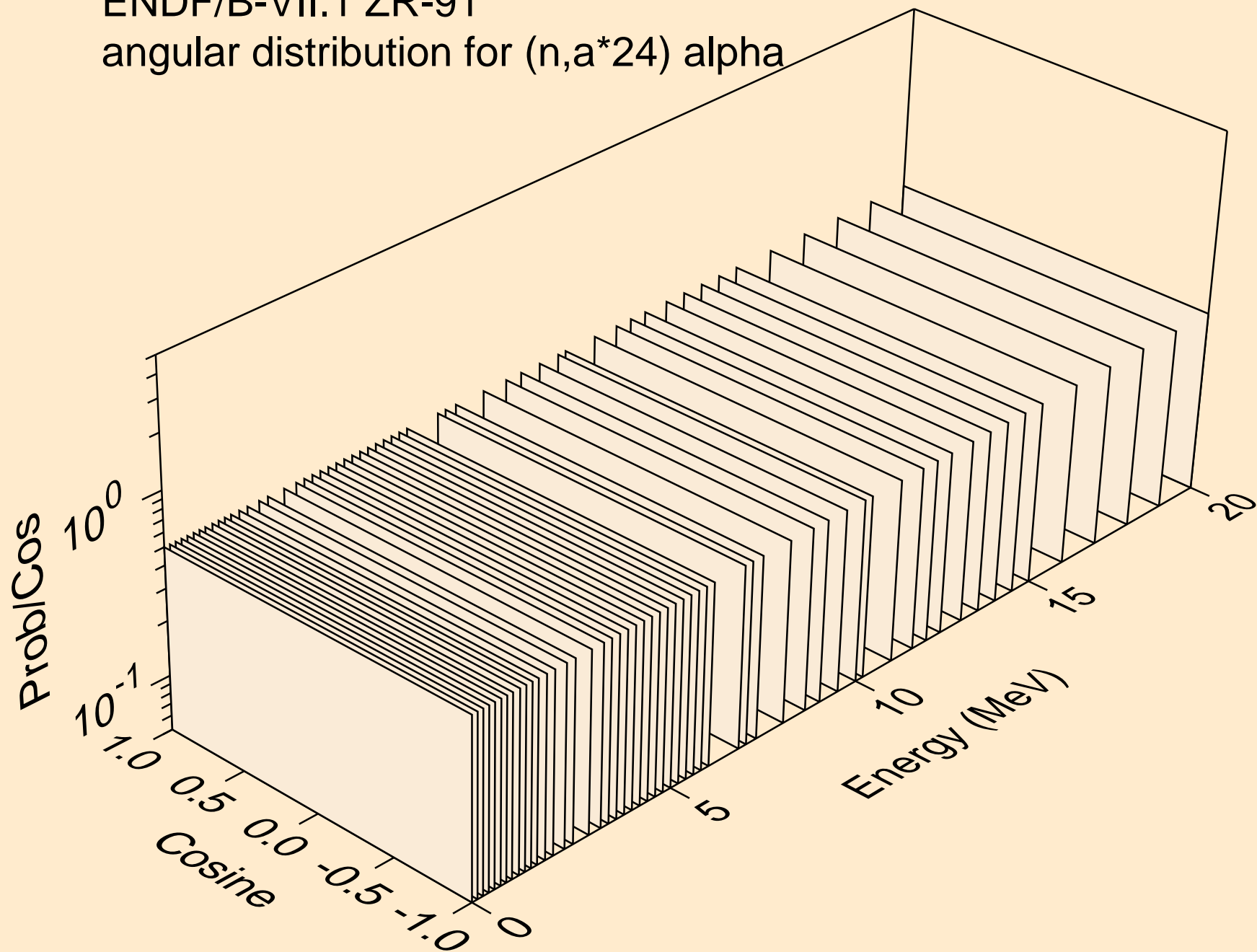
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angular distribution for (n, α *22) alpha



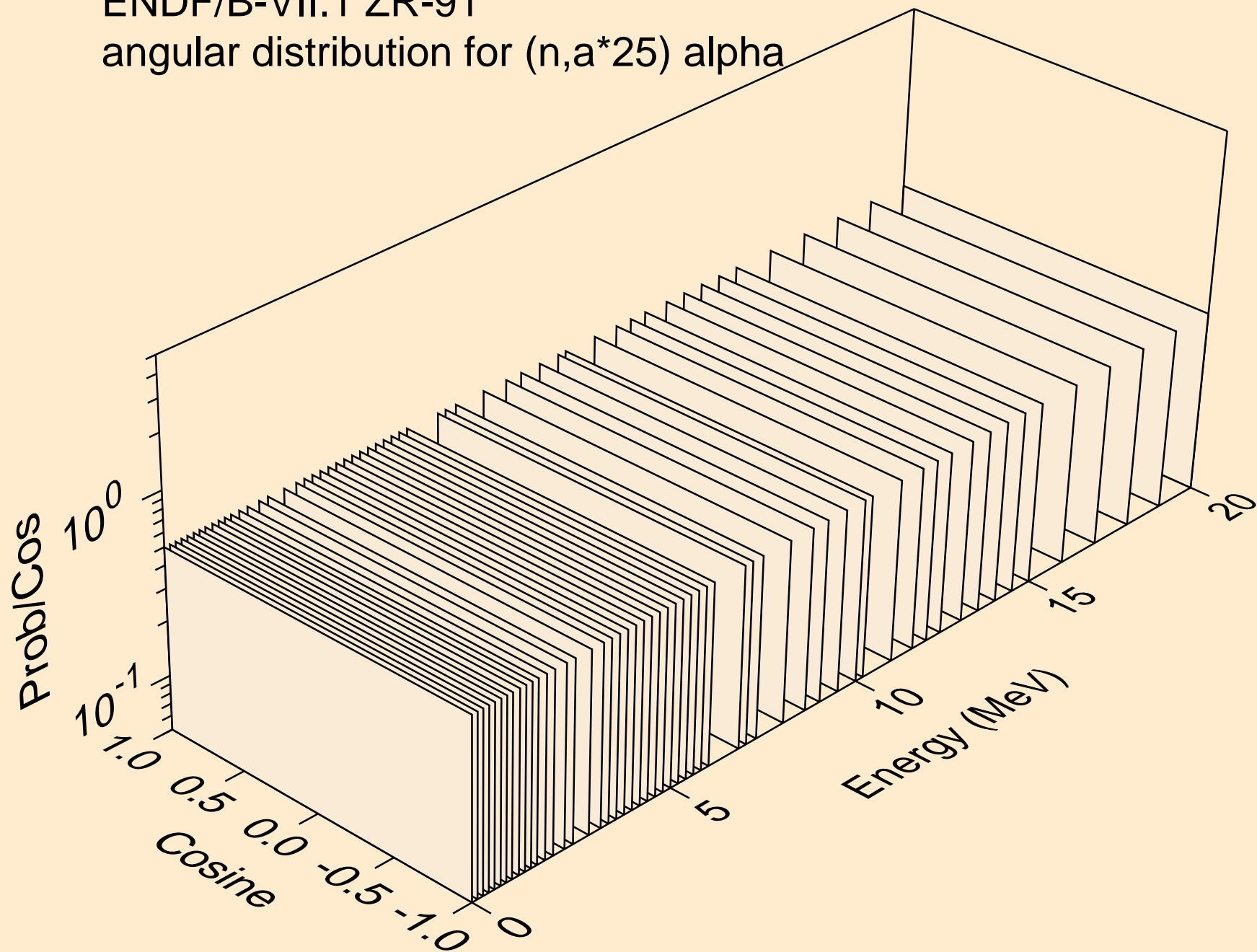
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angular distribution for (n, α *23) alpha



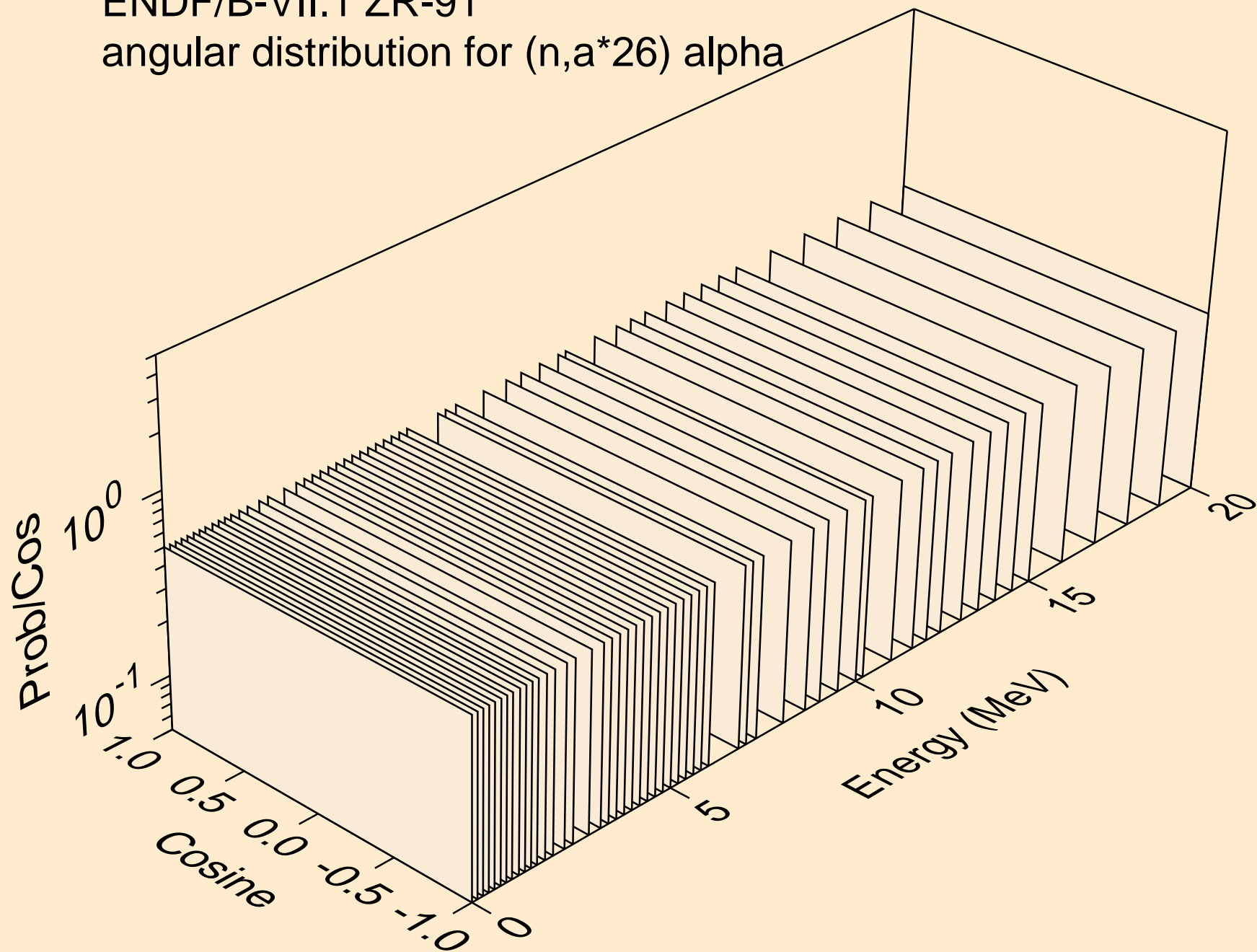
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*24) alpha



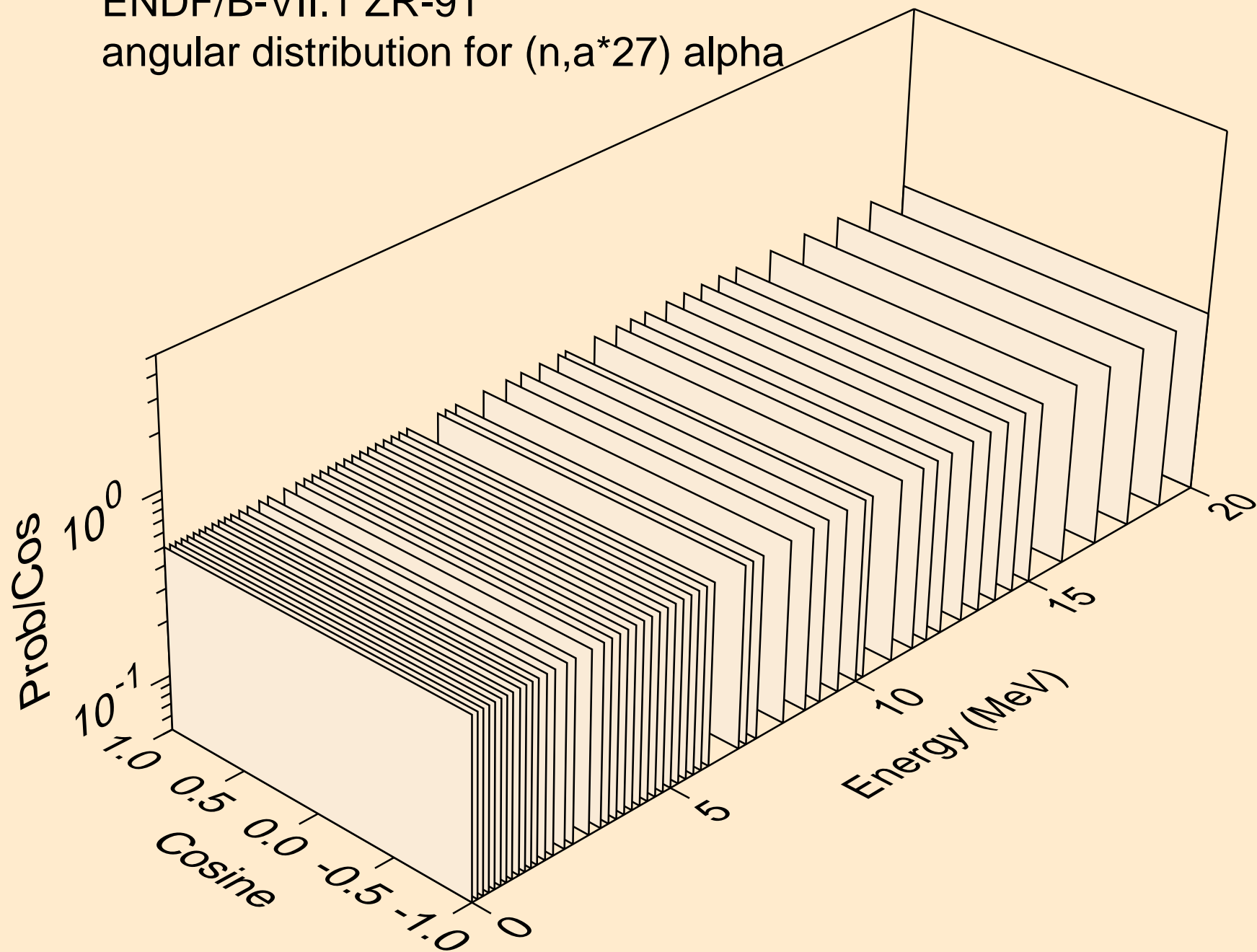
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angular distribution for (n,a*25) alpha



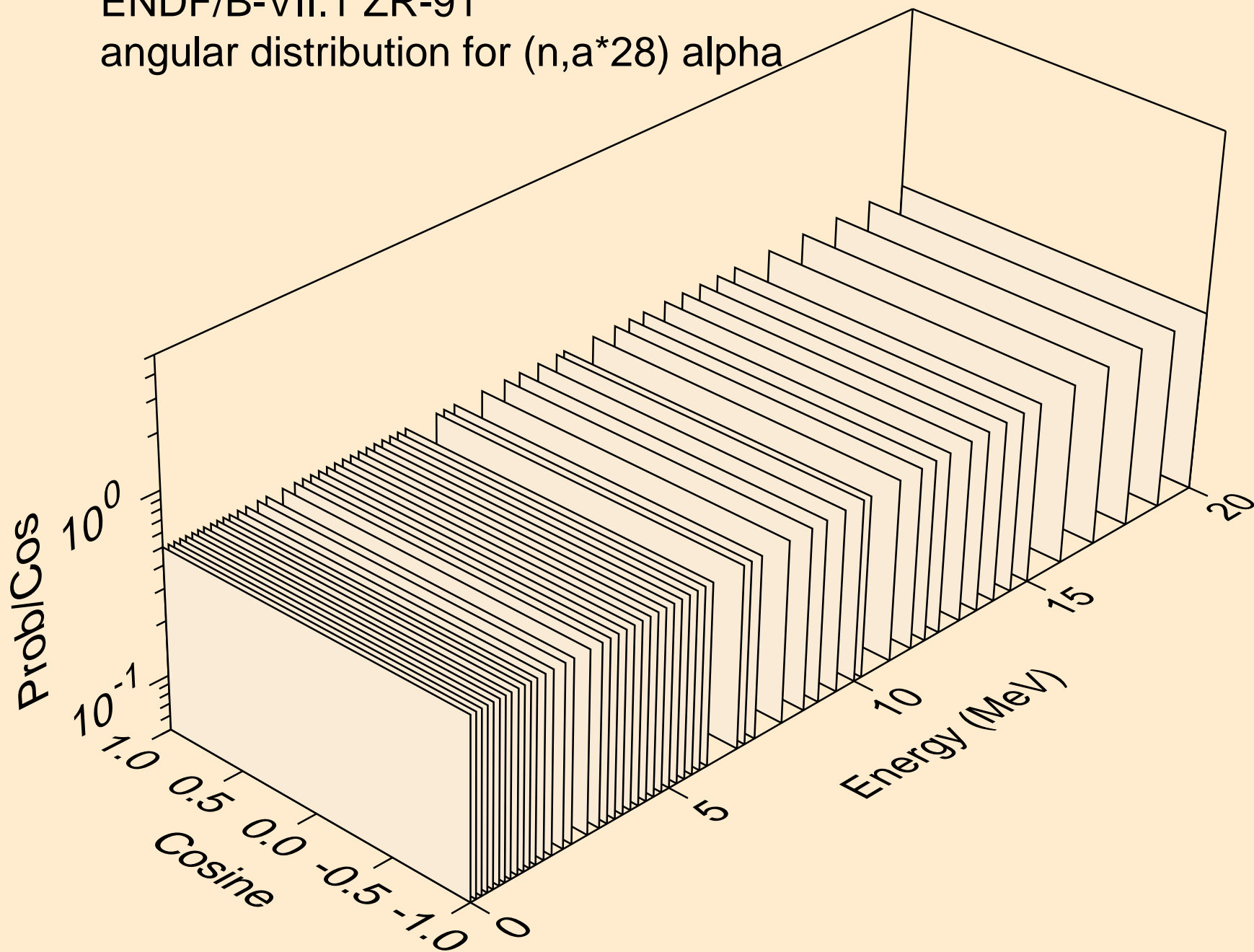
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angular distribution for (n,a*26) alpha



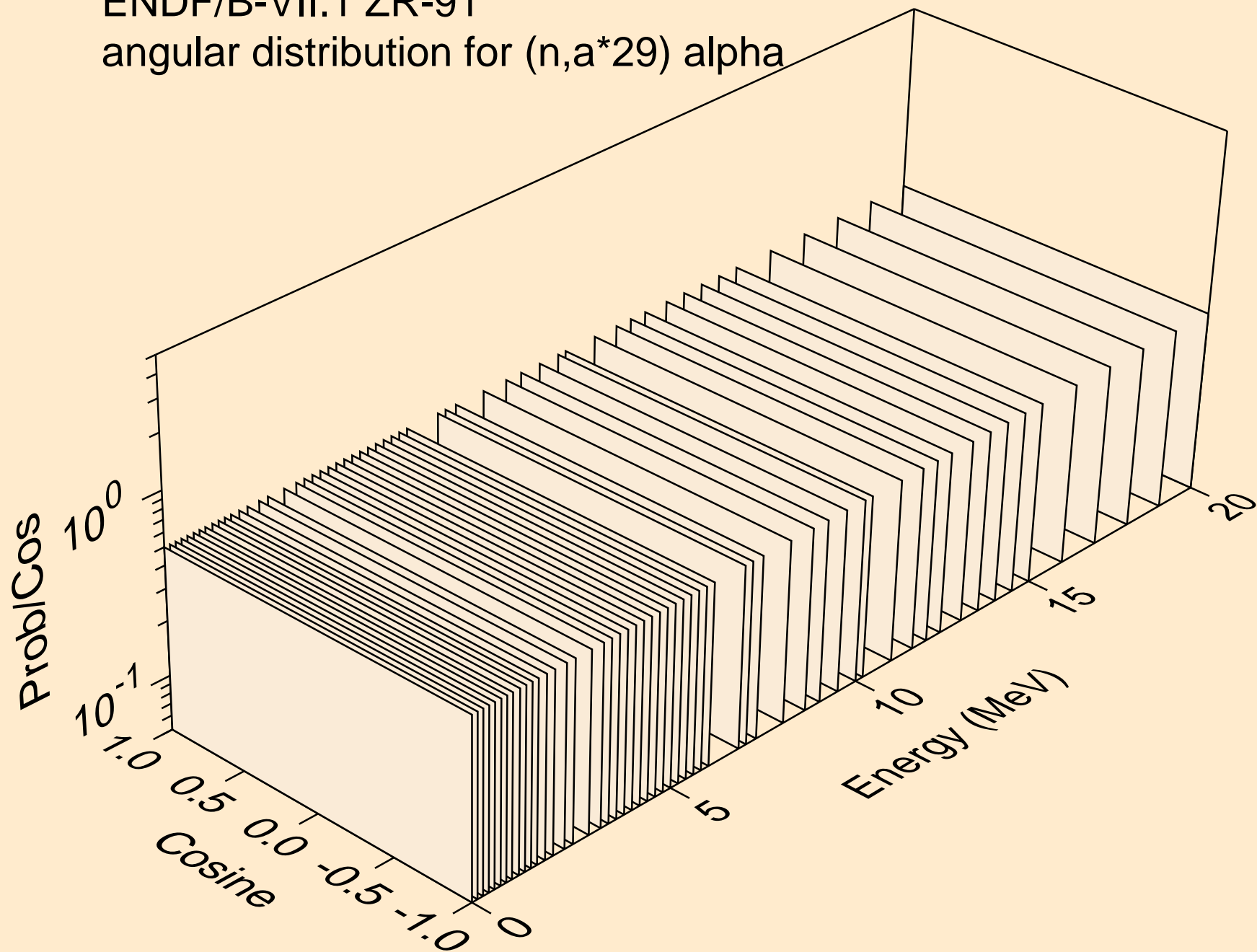
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*27) alpha



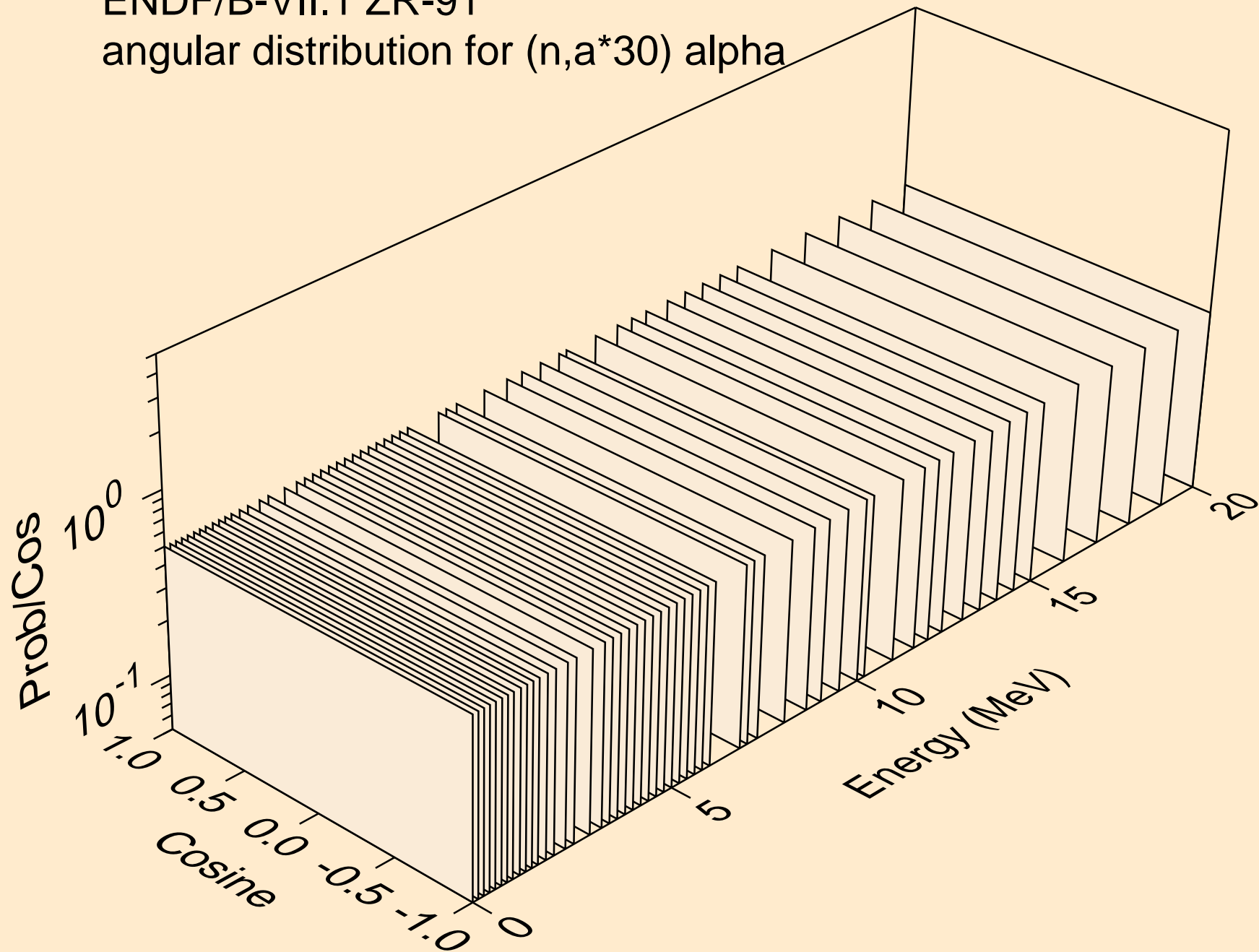
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*28) alpha



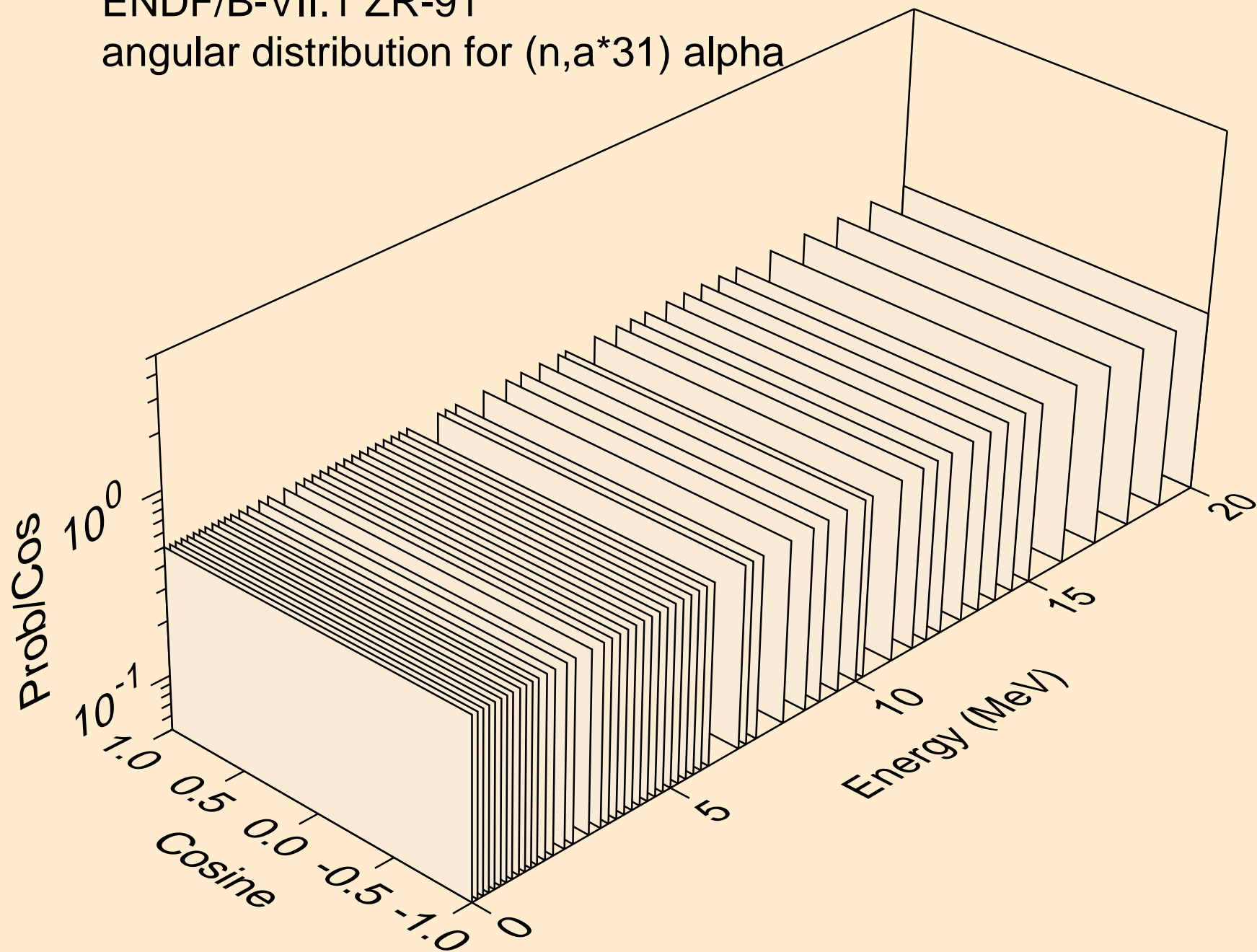
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *29) alpha



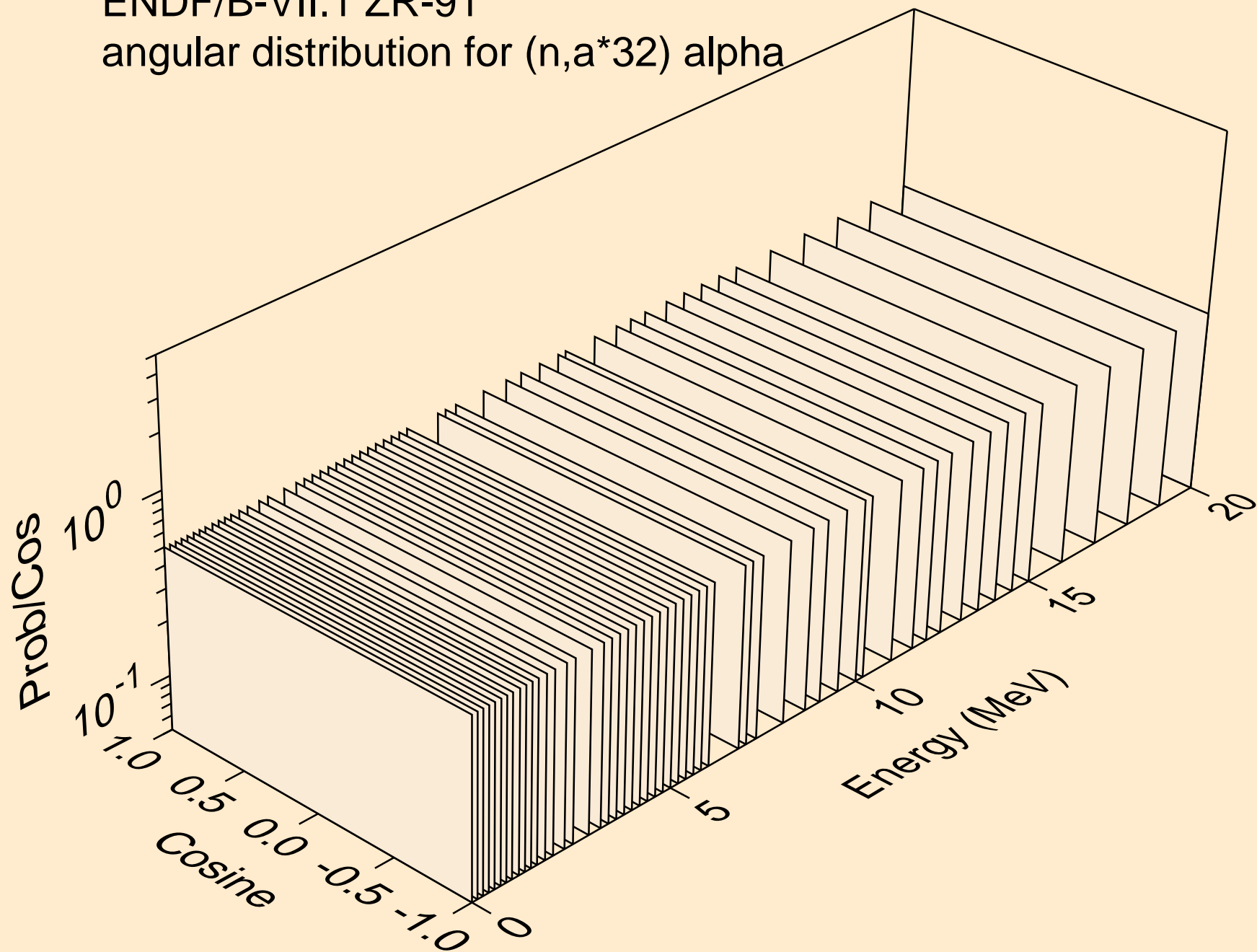
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*30) alpha



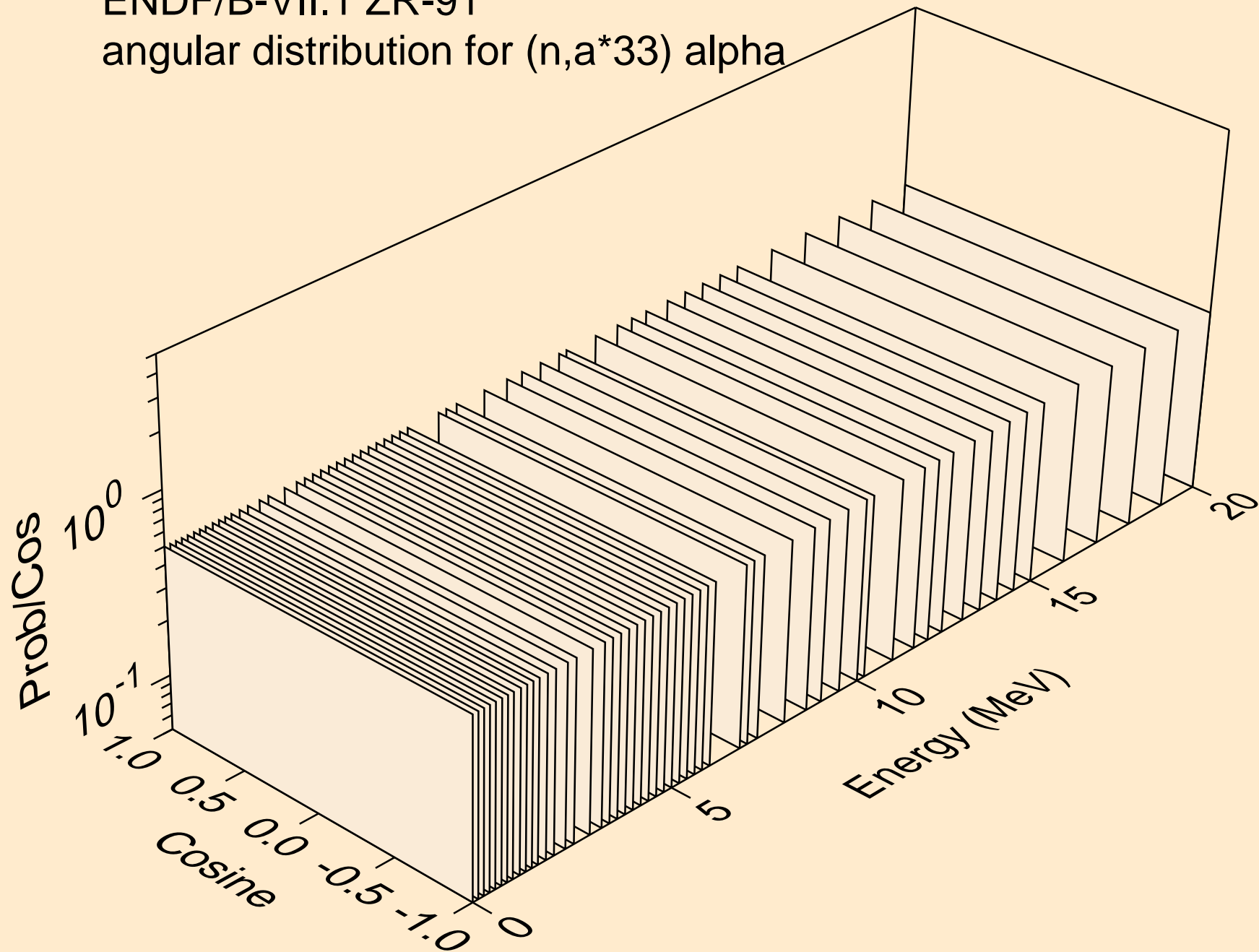
ENDF/B-VII.1 ZR-91
angular distribution for (n,a*31) alpha



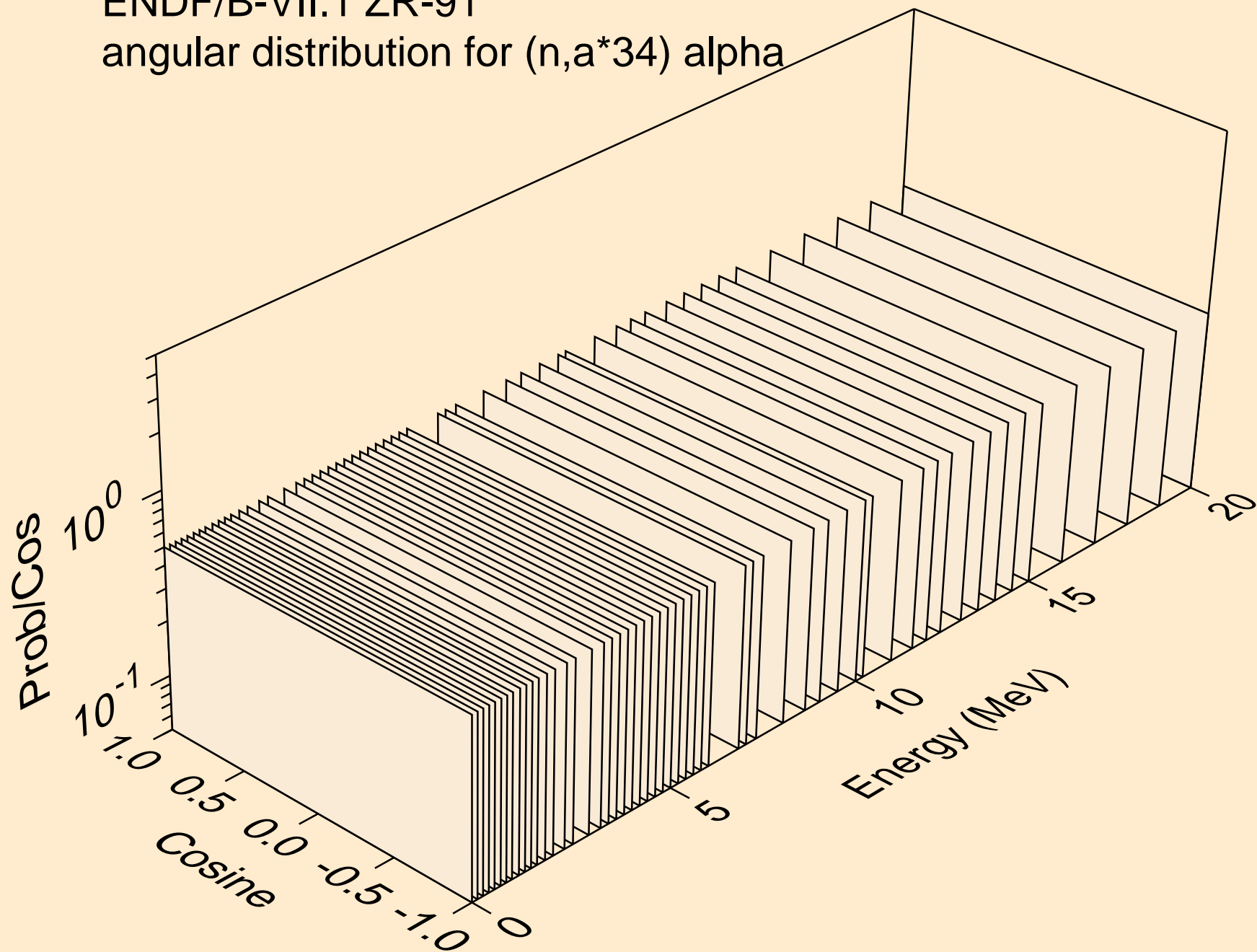
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angular distribution for (n,a*32) alpha



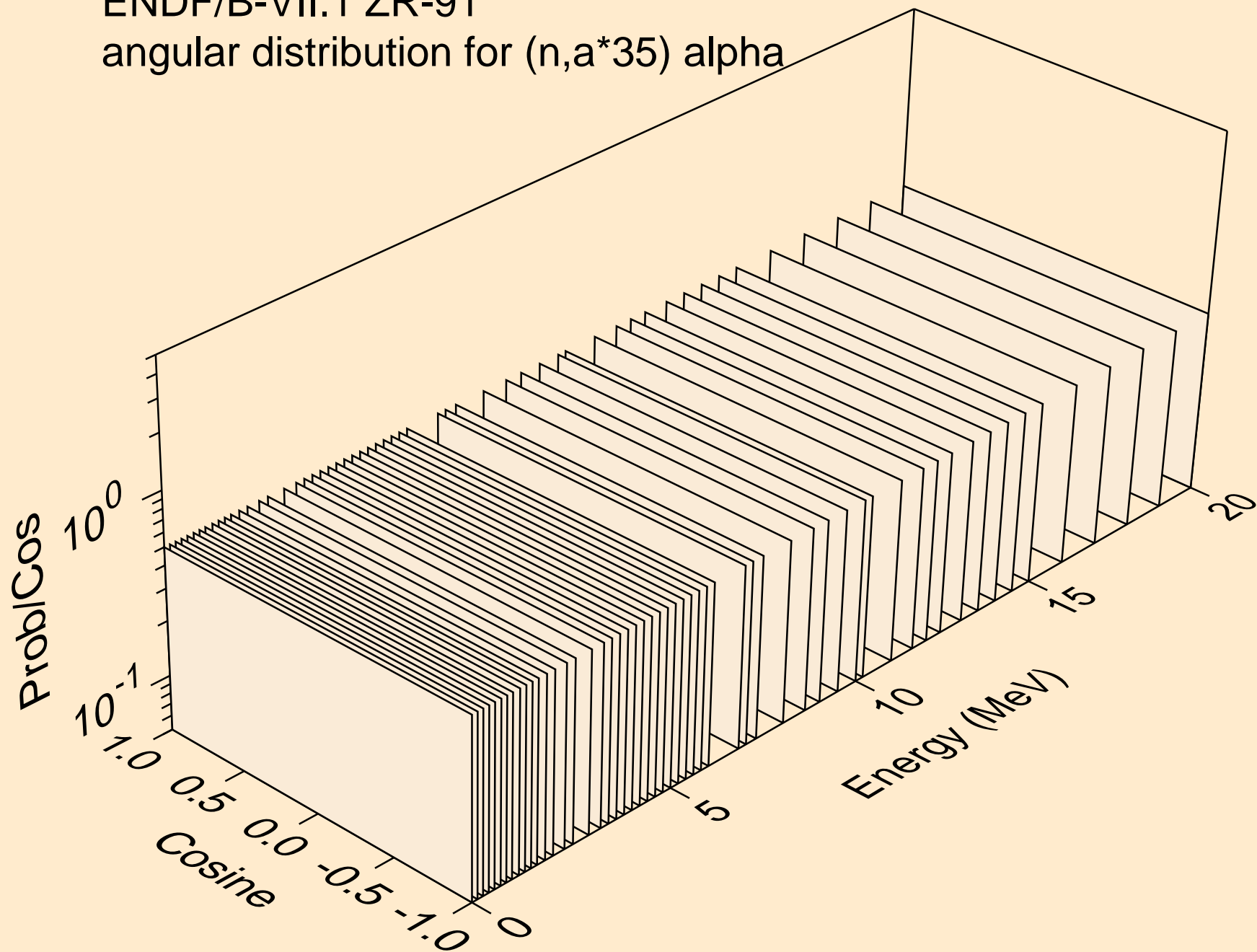
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *33) alpha



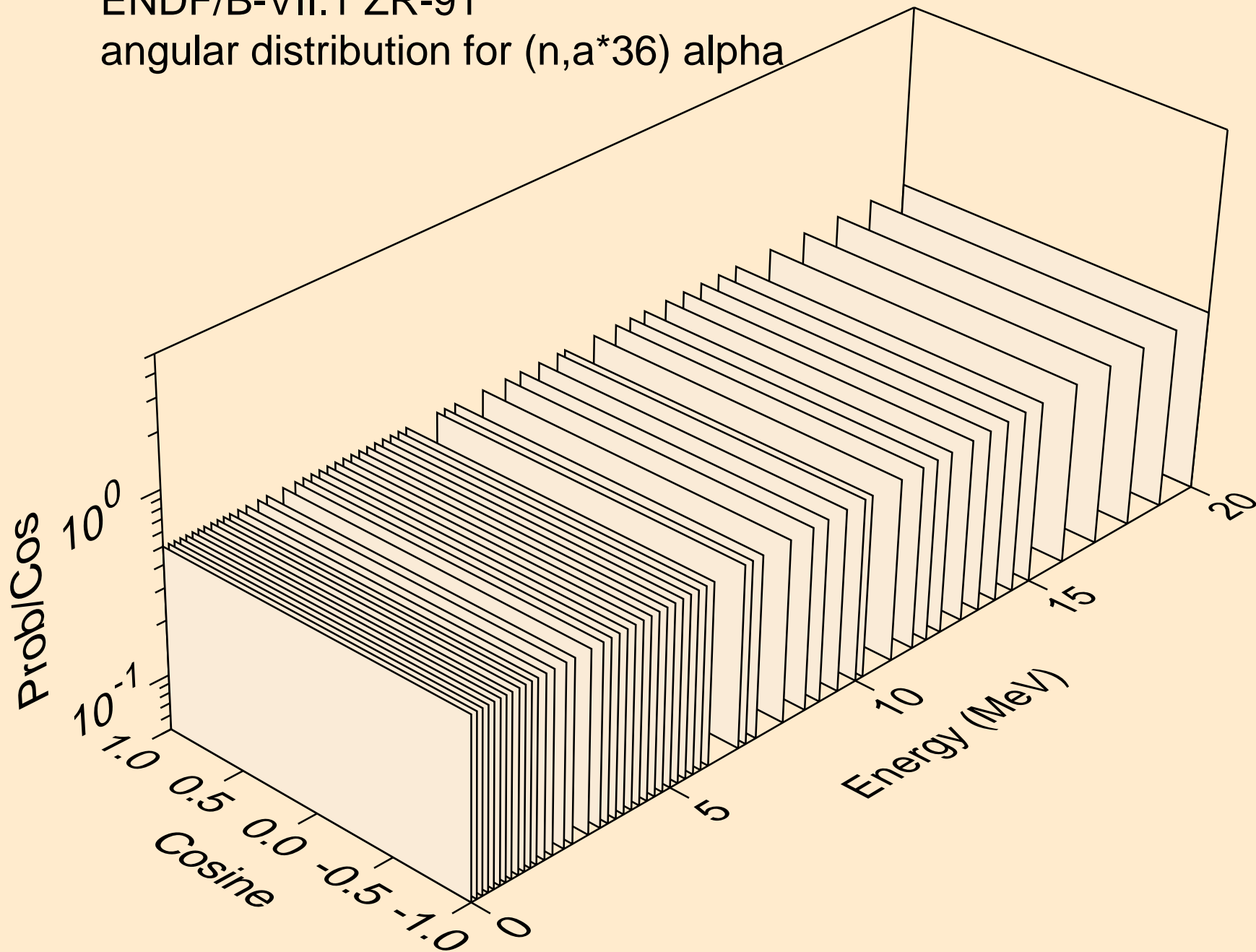
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angular distribution for (n,a*34) alpha



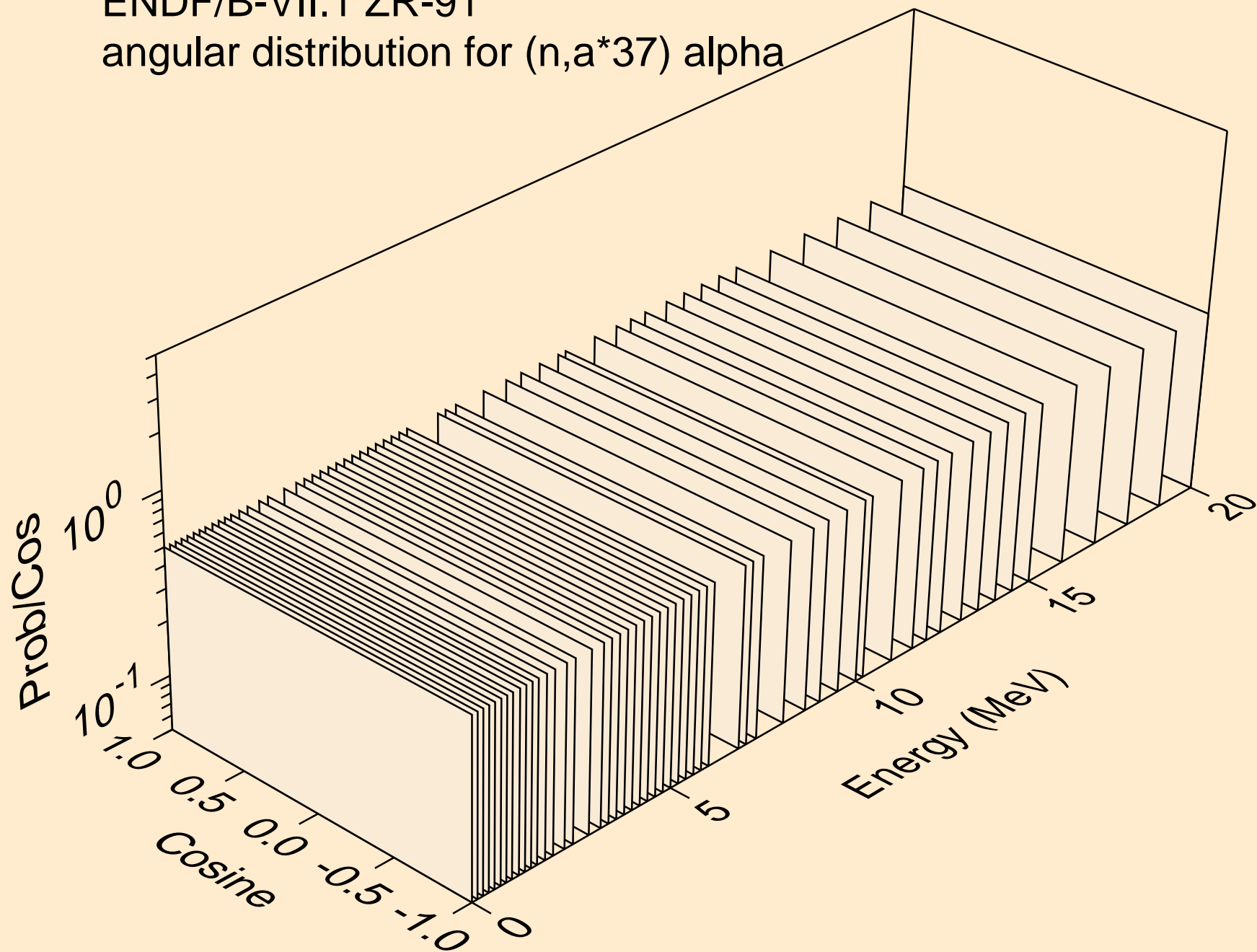
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angular distribution for (n, α *35) alpha



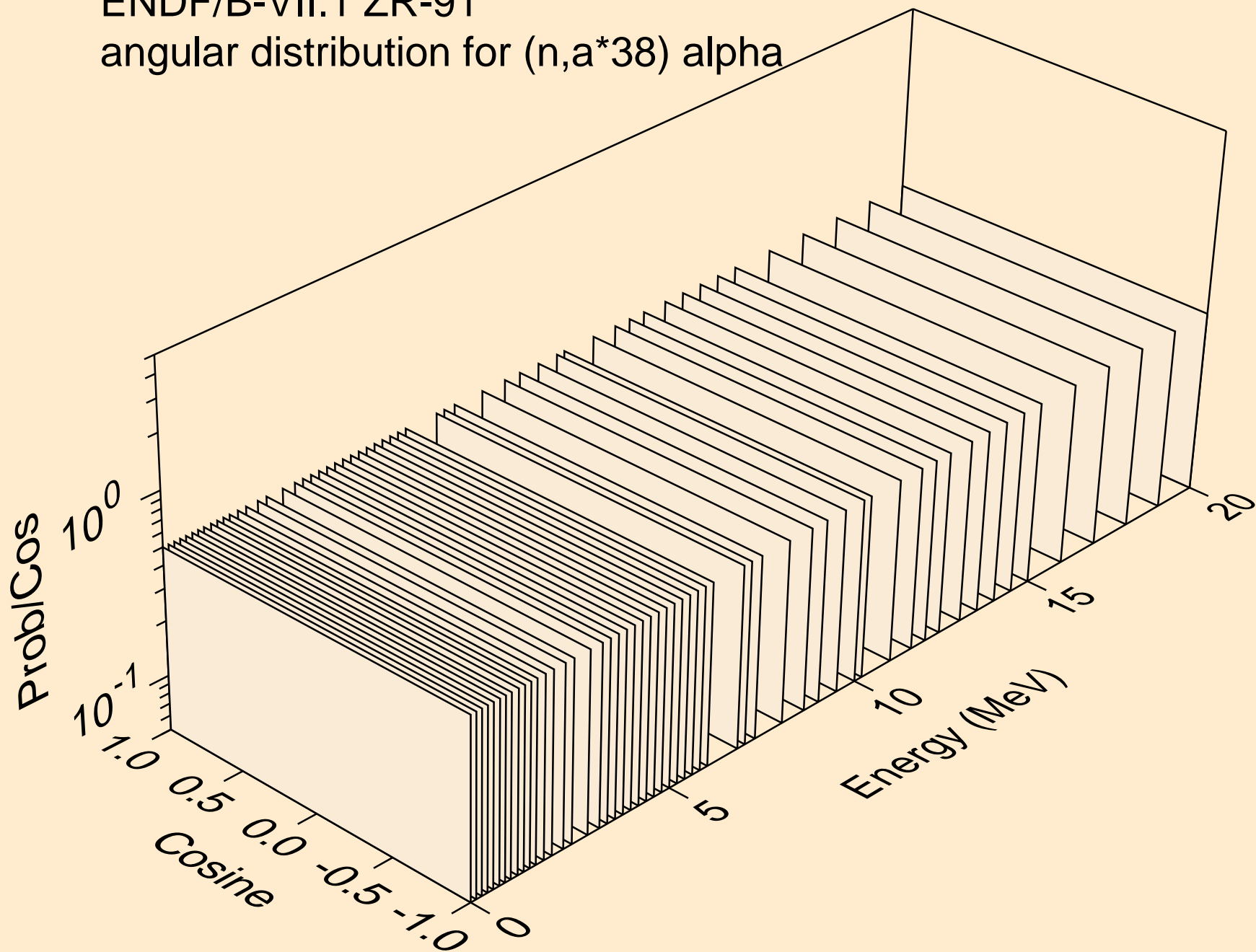
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angular distribution for (n,a*36) alpha



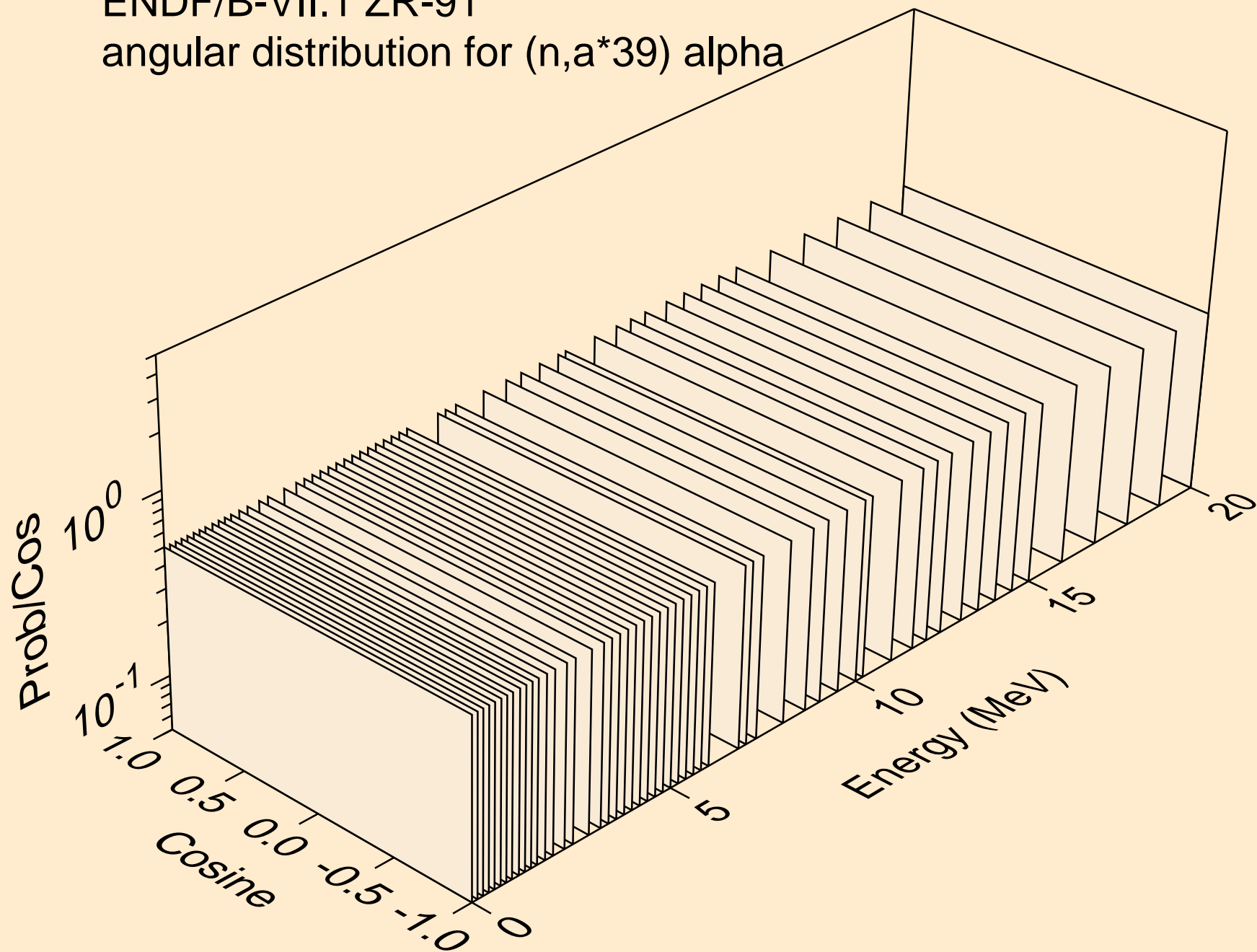
ENDF/B-VII.1 ZR-91
angular distribution for (n, α *37) alpha



ENDF/B-VII.1 ZR-91
angular distribution for (n, α *38) alpha



ENDF/B-VII.1 ZR-91
angular distribution for (n, α *39) alpha



ENDF/B-VII.1 ZR-91
alphas from (n,a*c)

