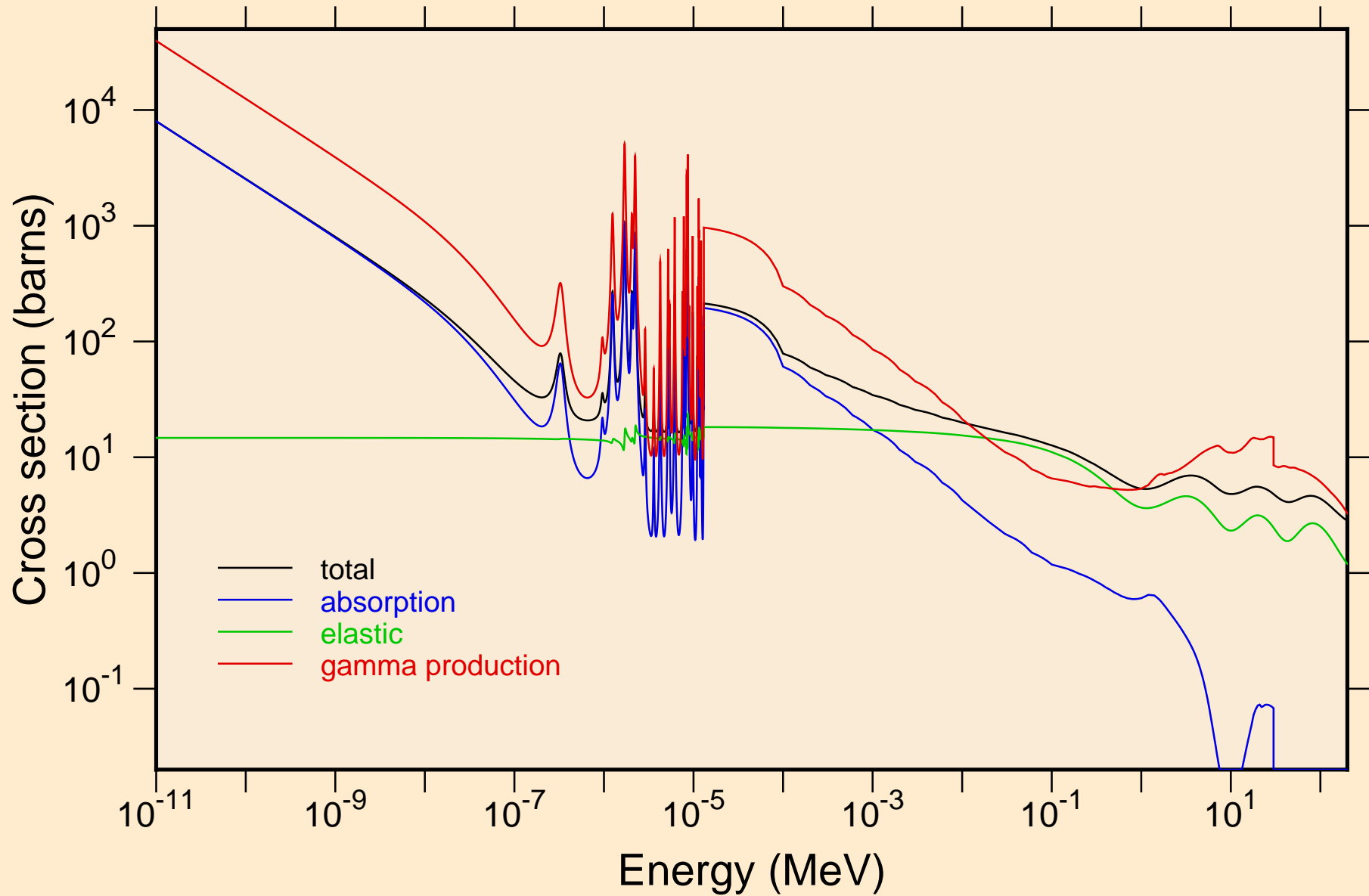
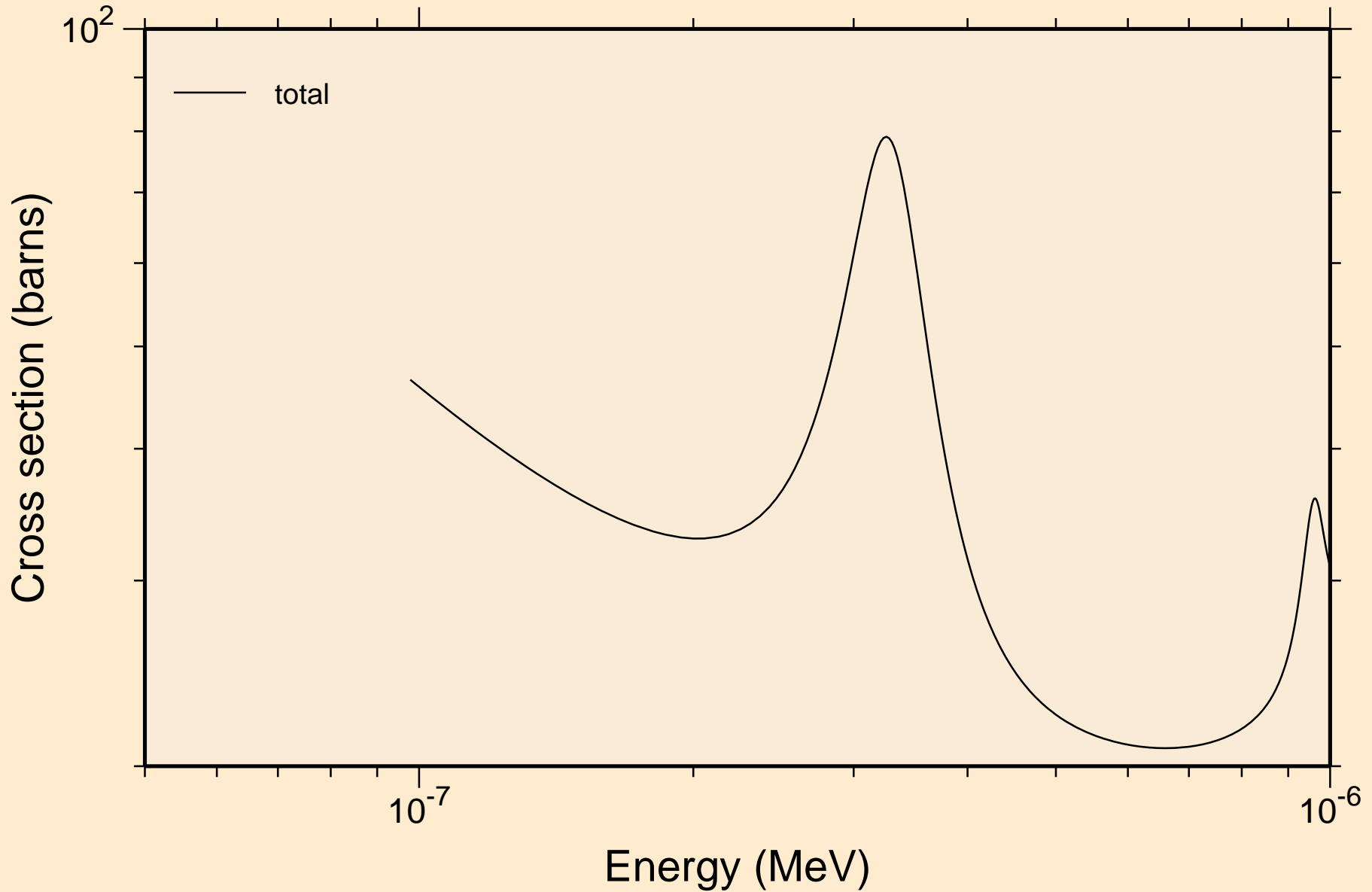


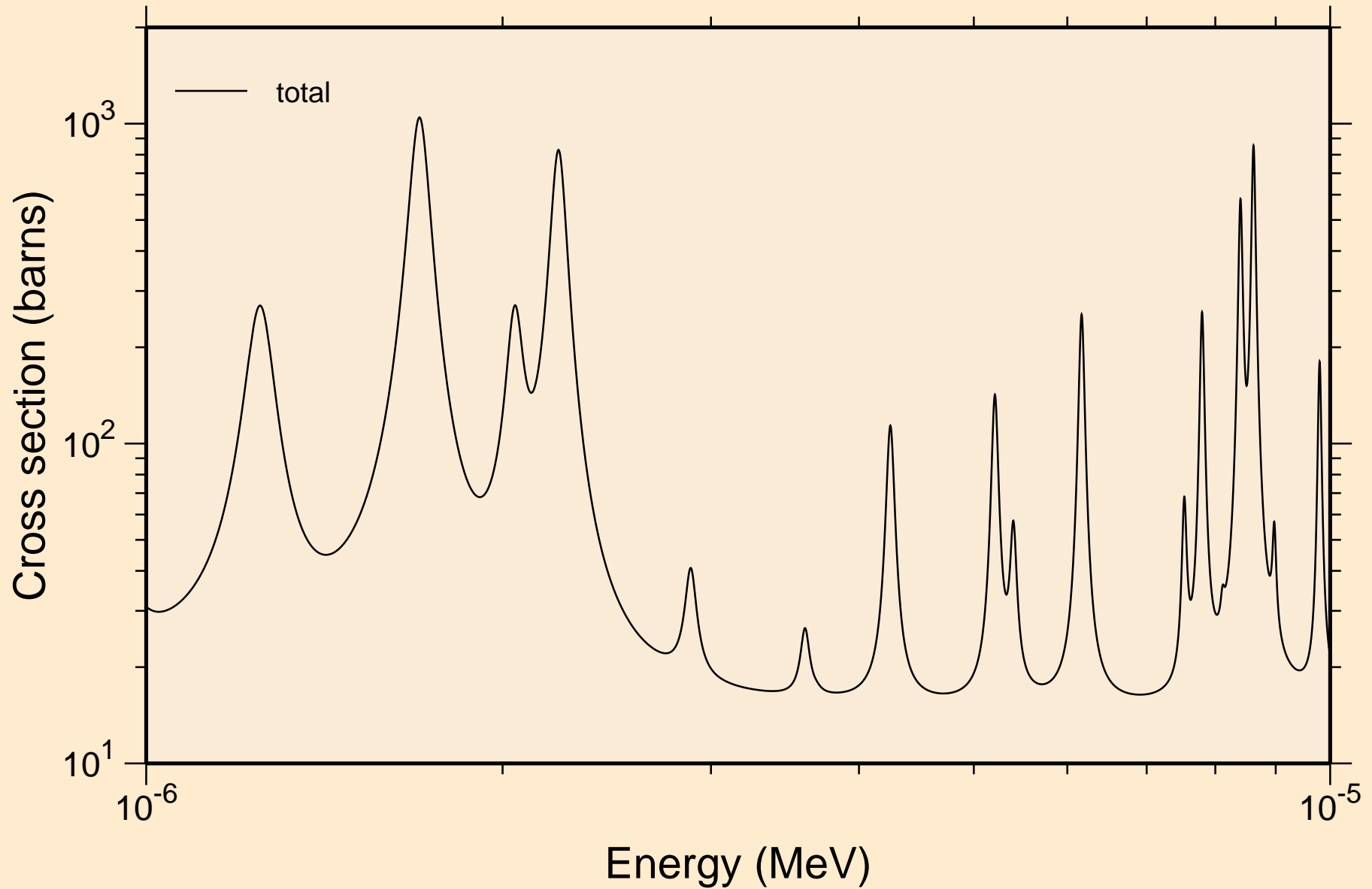
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



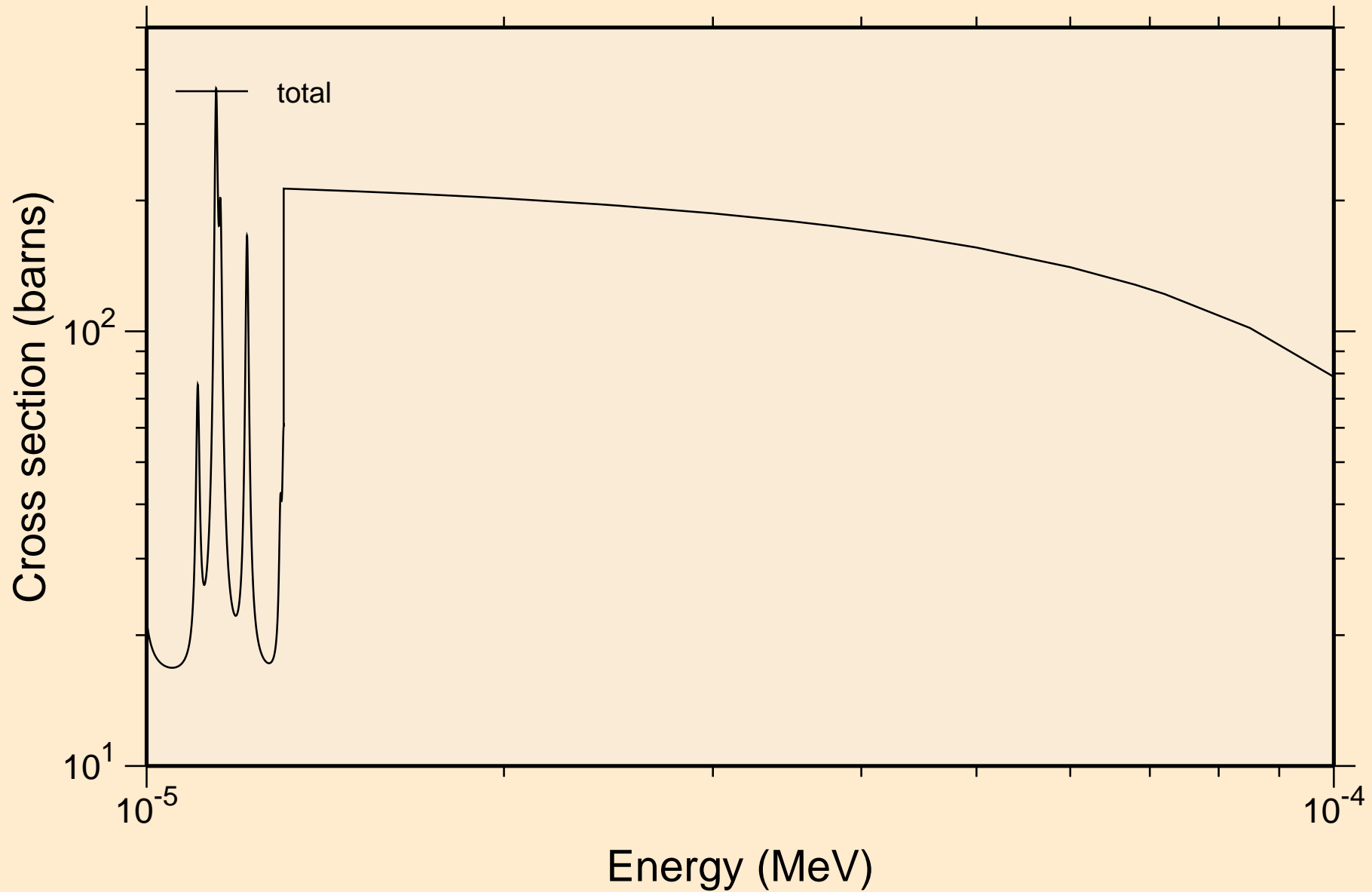
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



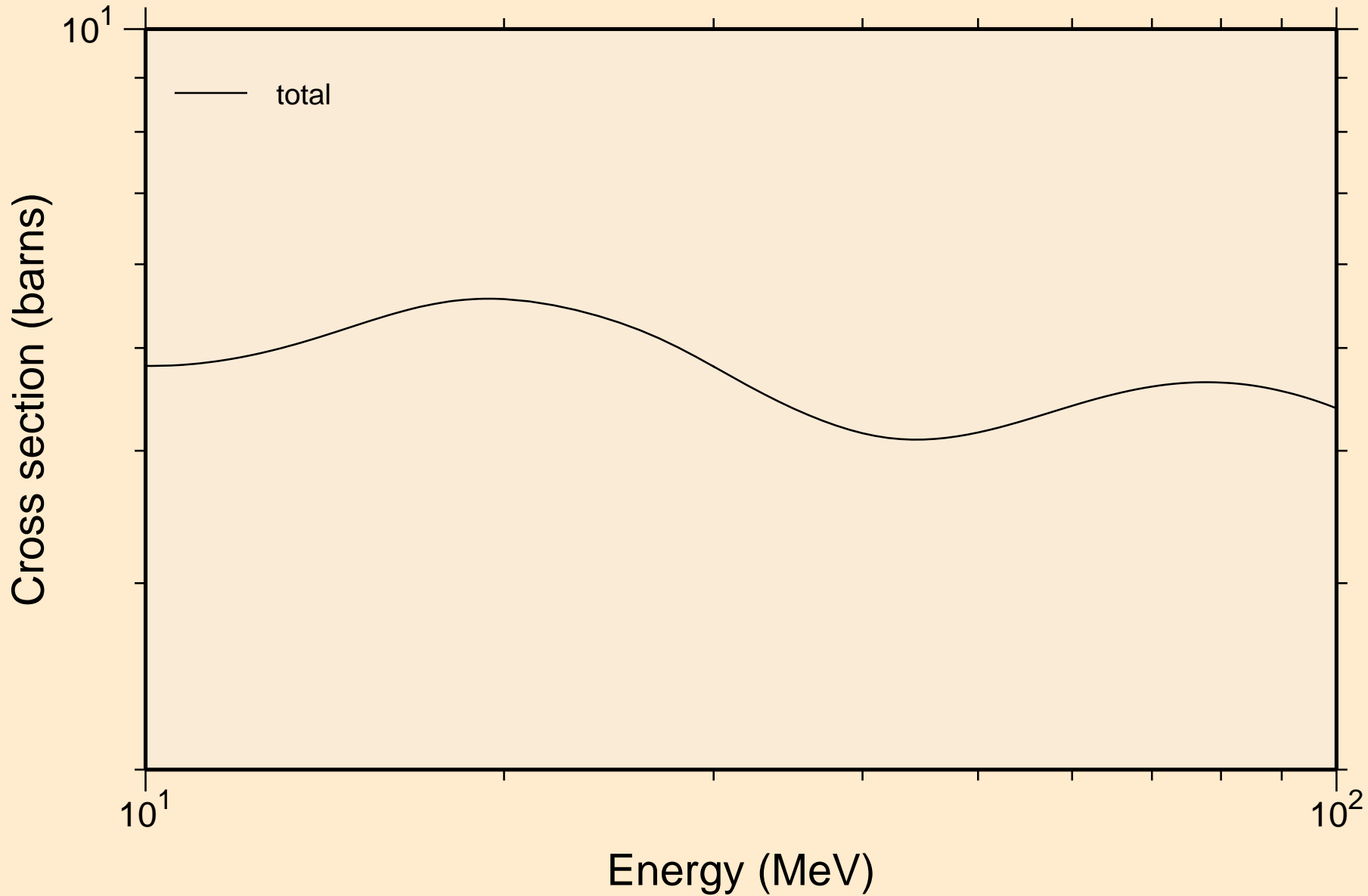
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



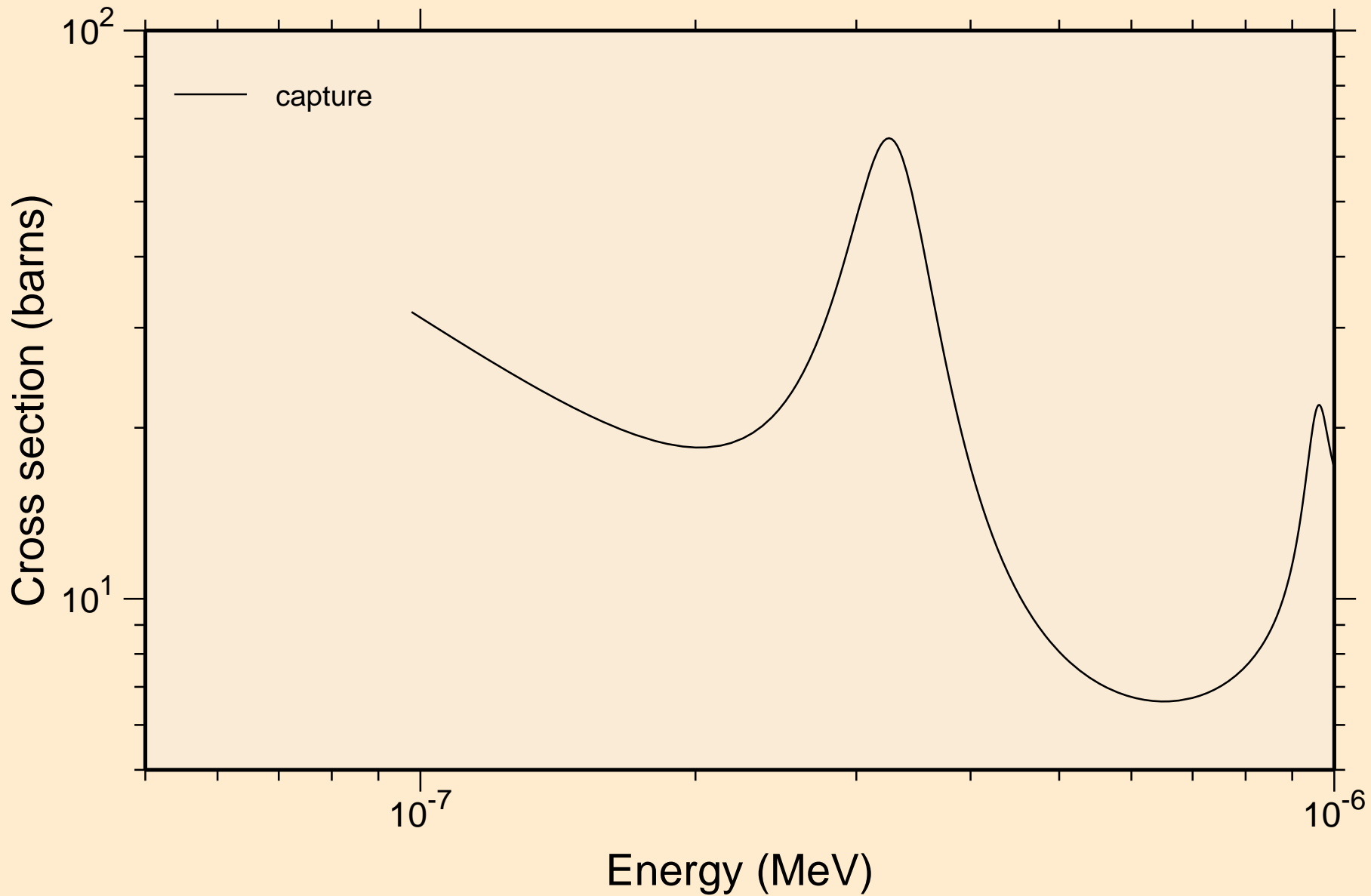
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



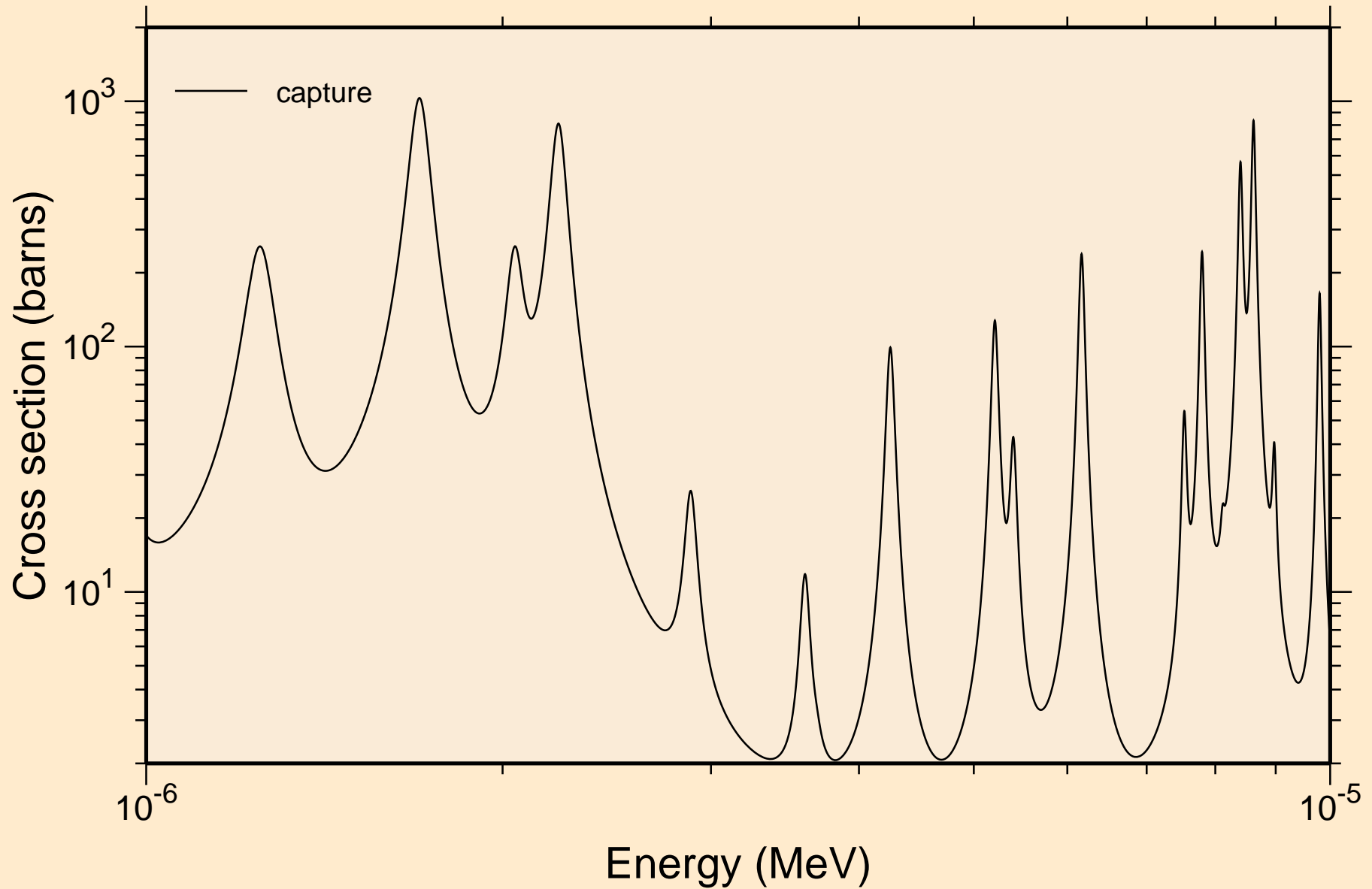
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance total cross section



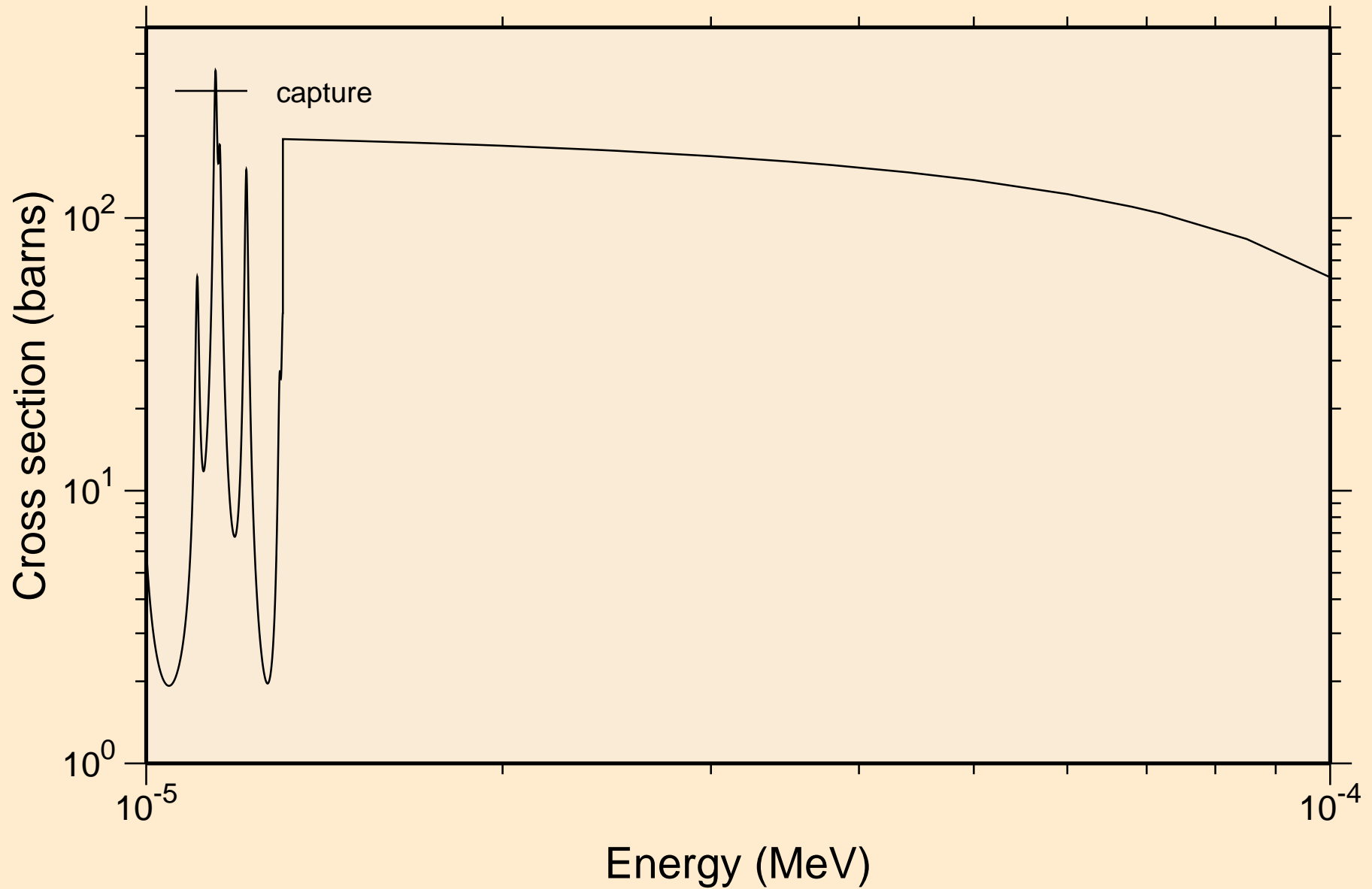
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

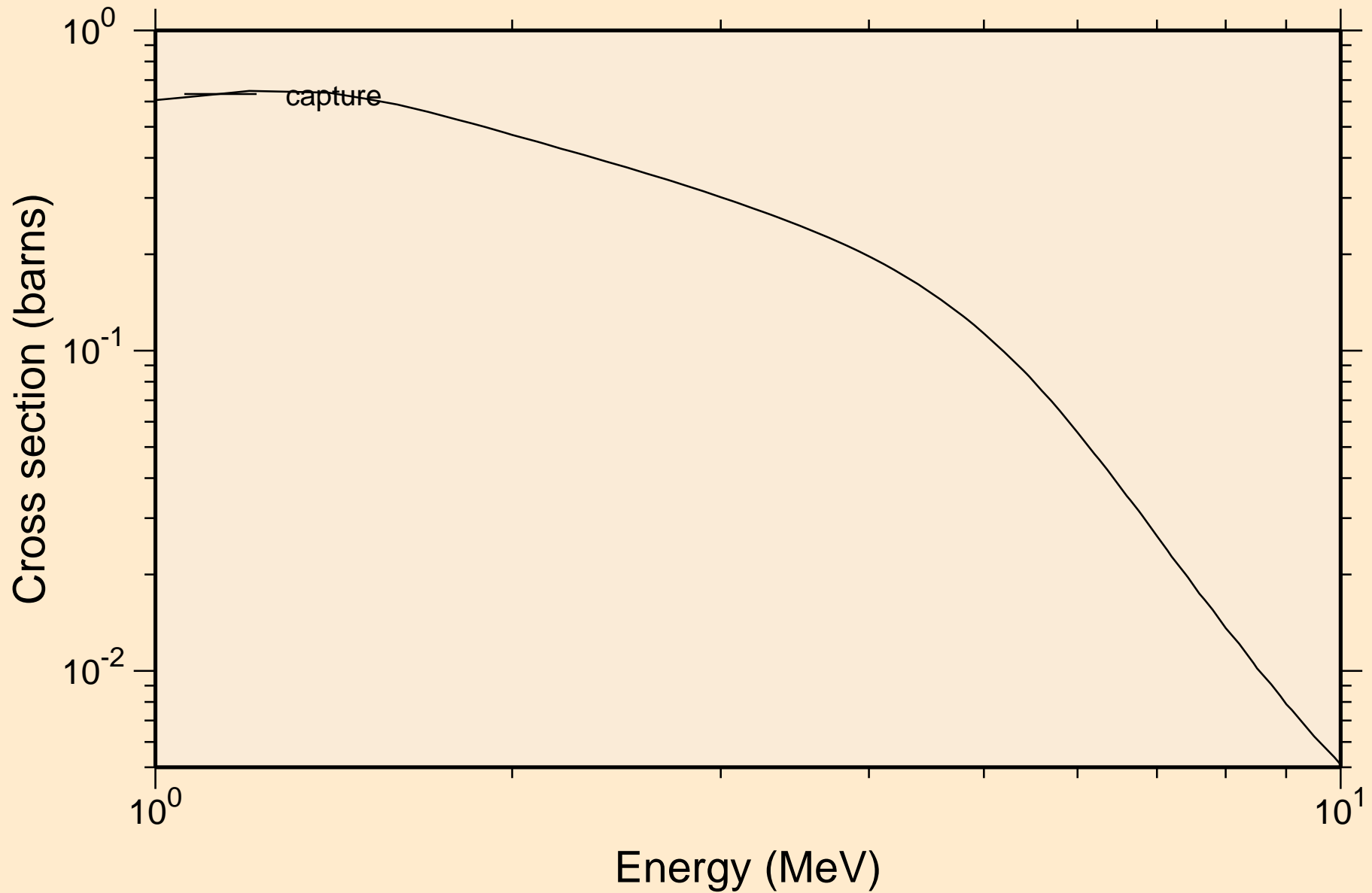


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
resonance absorption cross sections

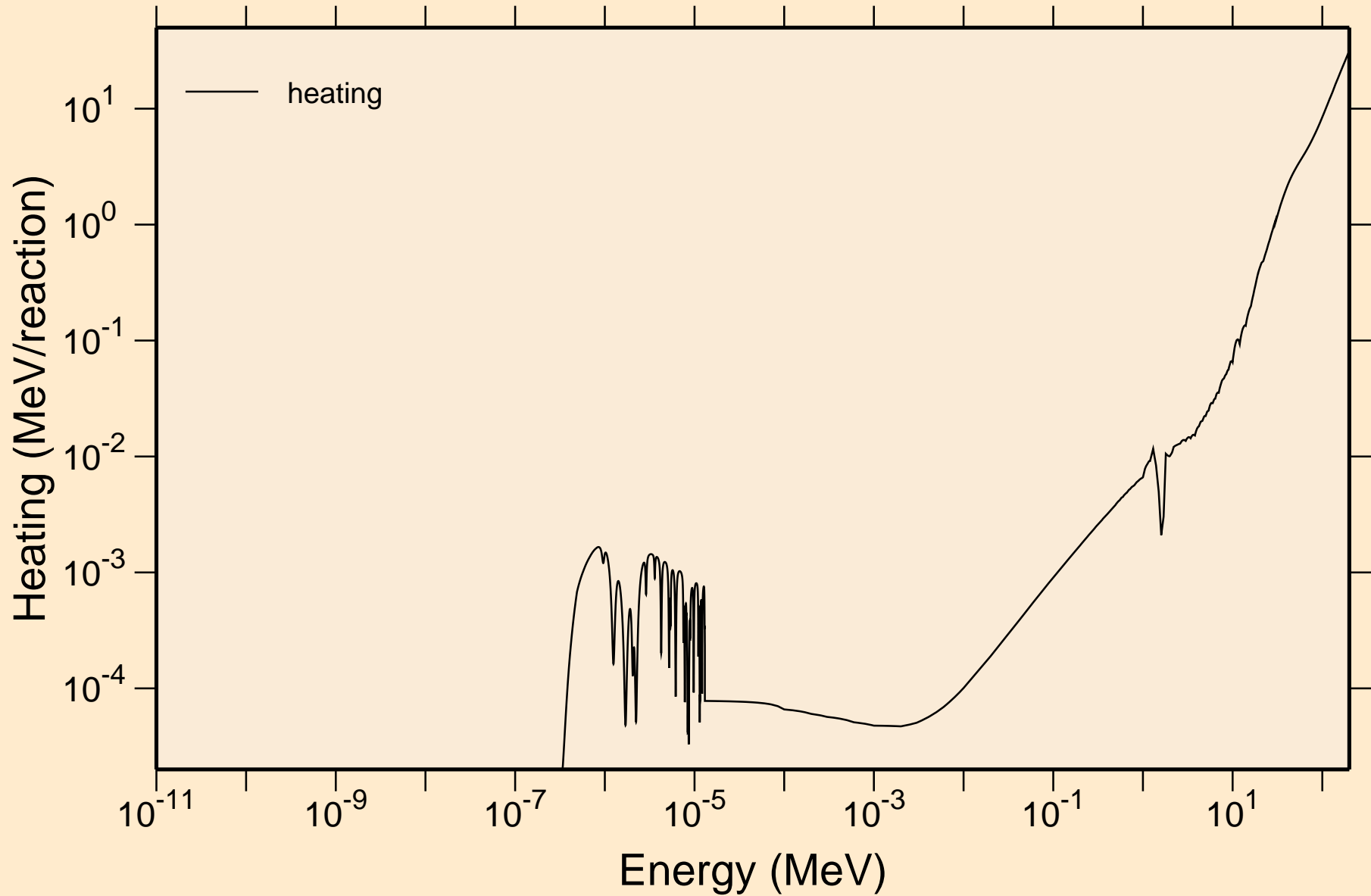




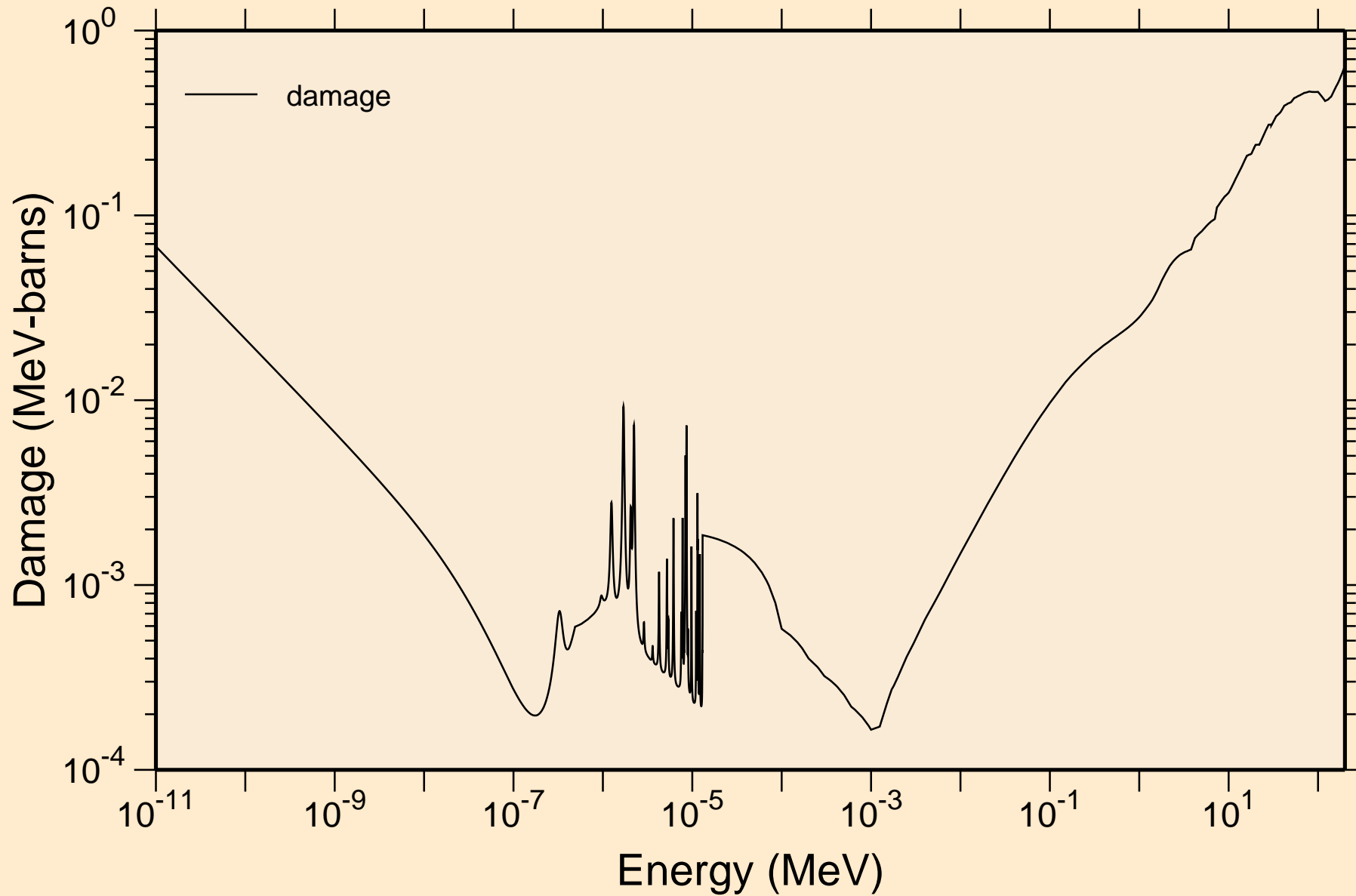
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resonance absorption cross sections



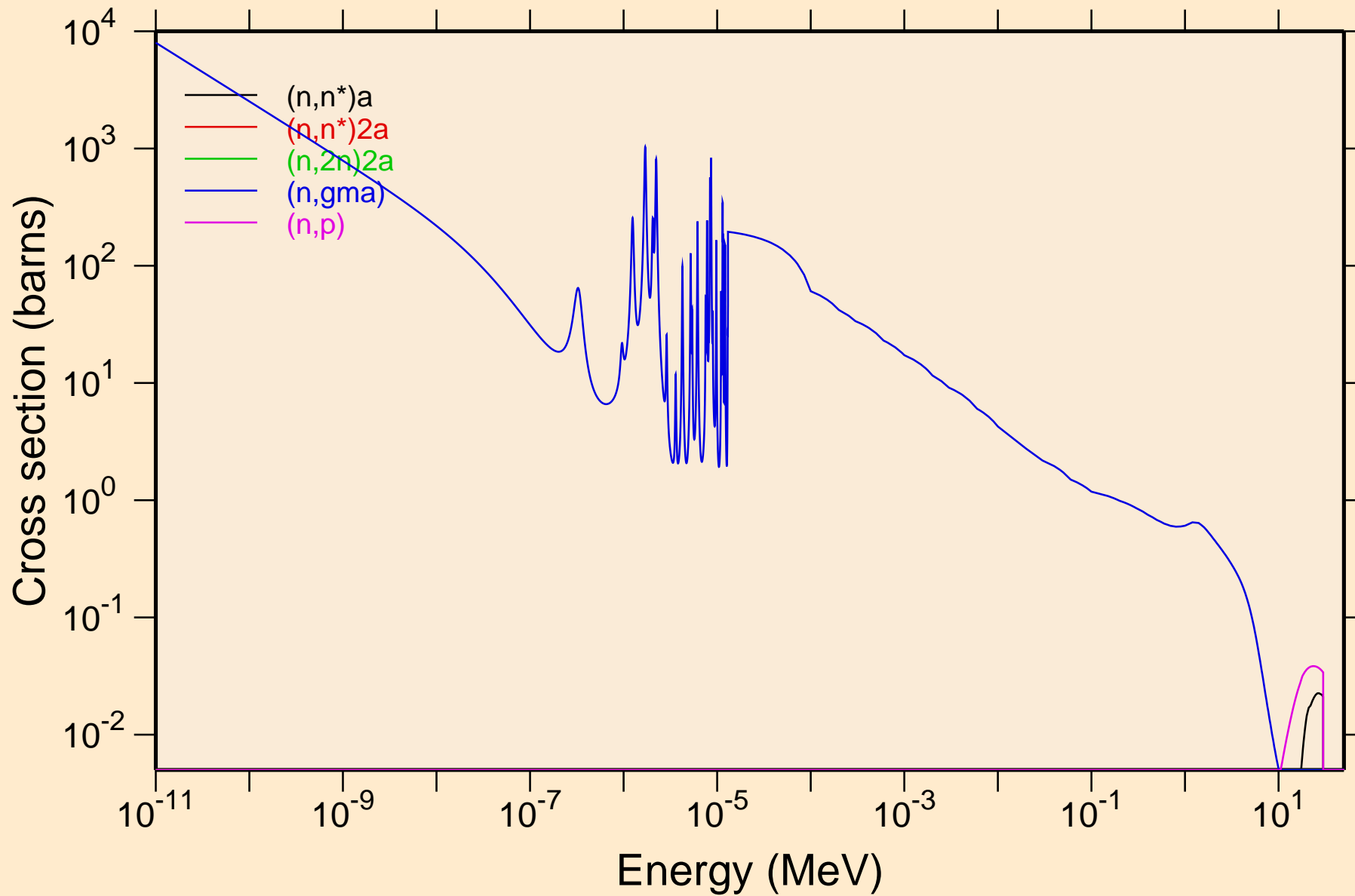
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Heating



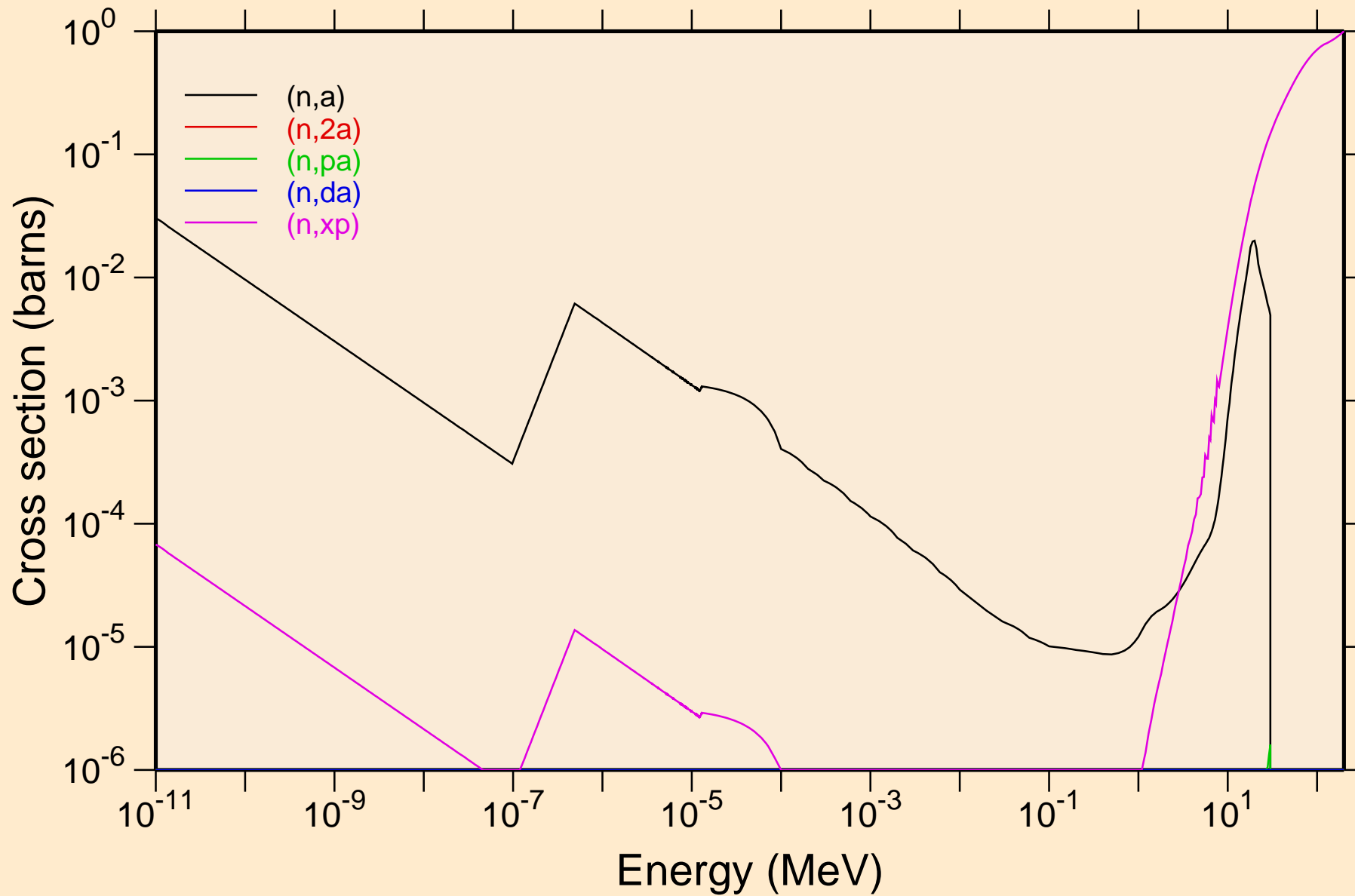
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Damage



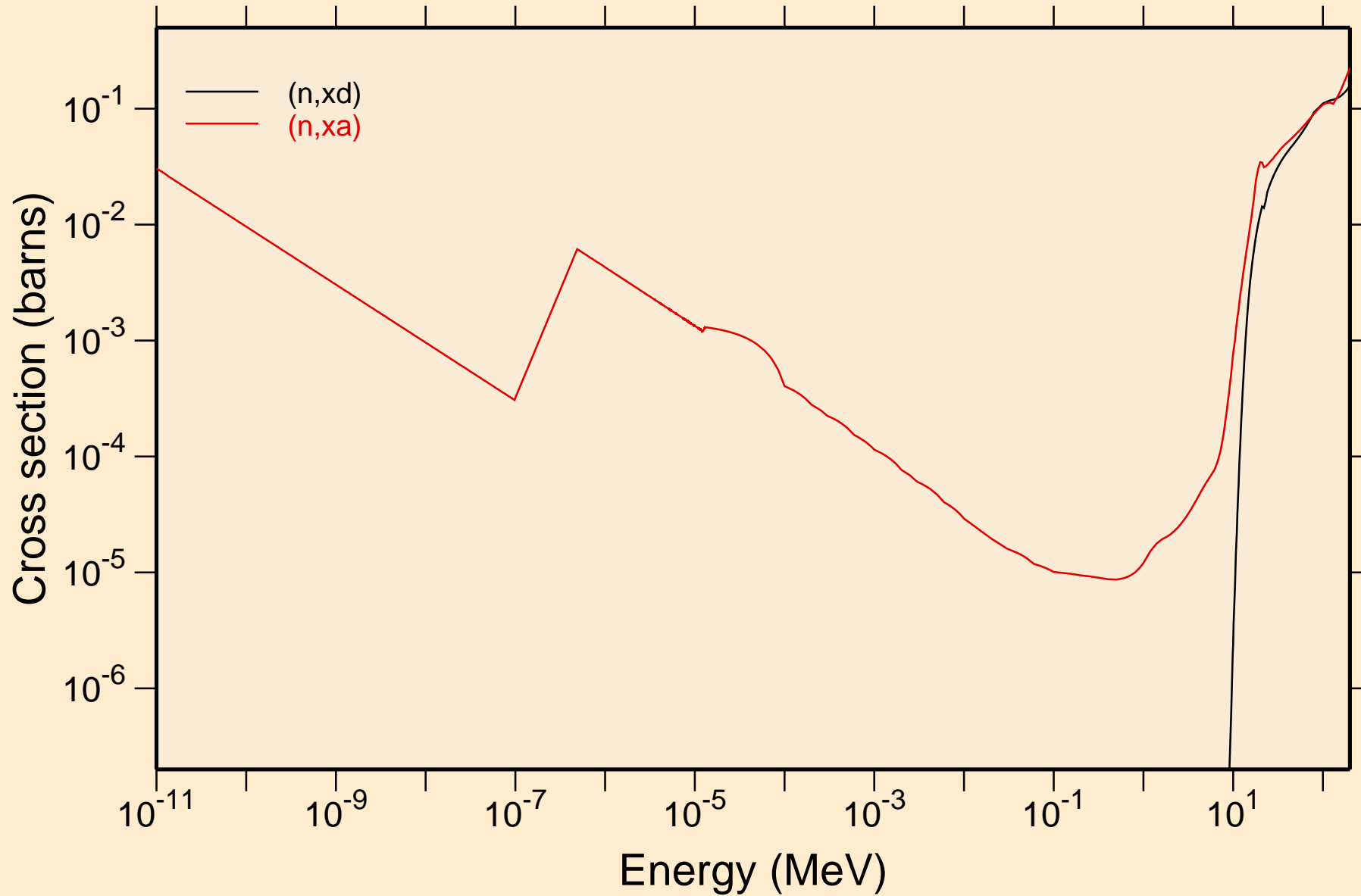
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



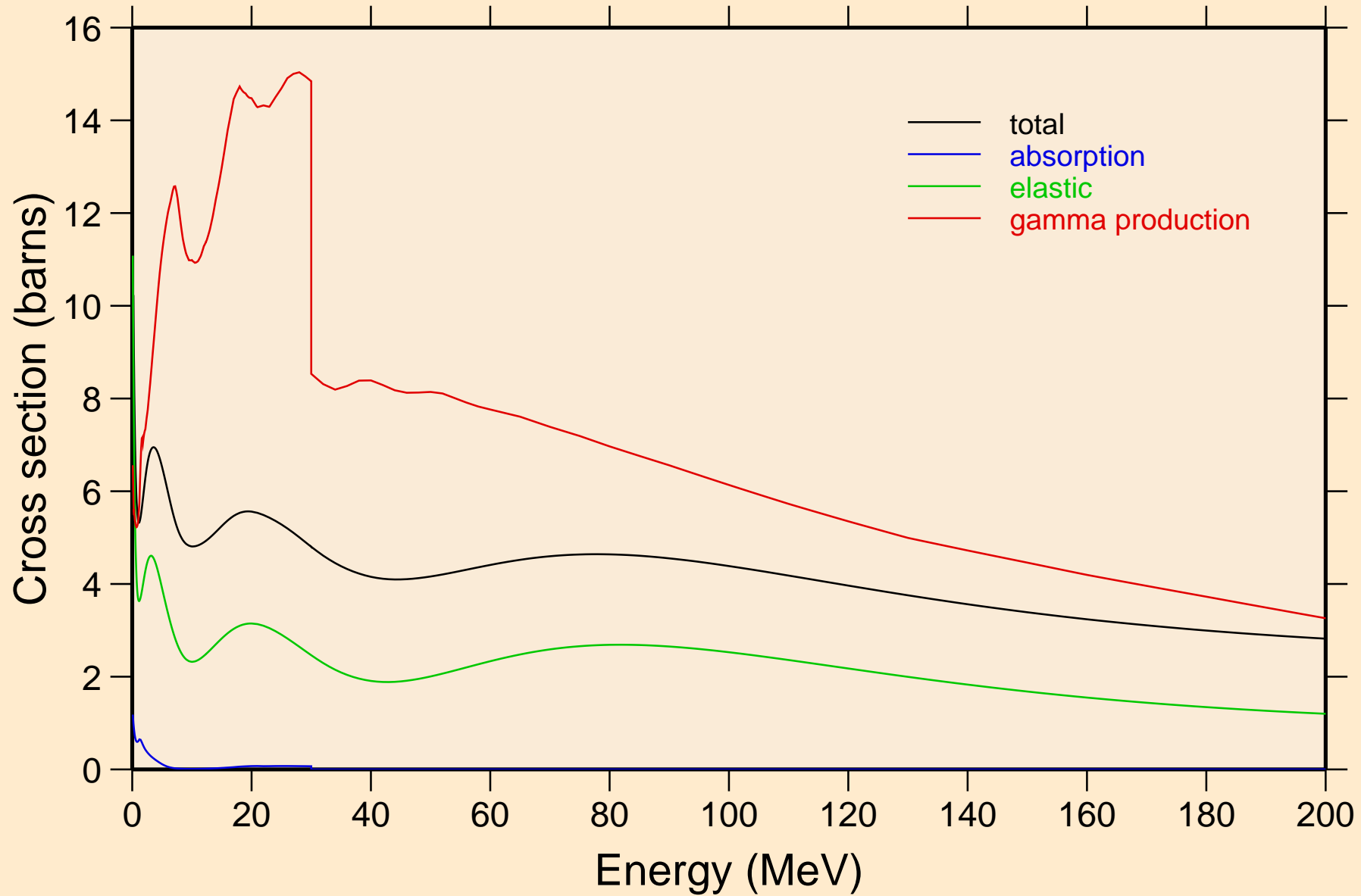
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions

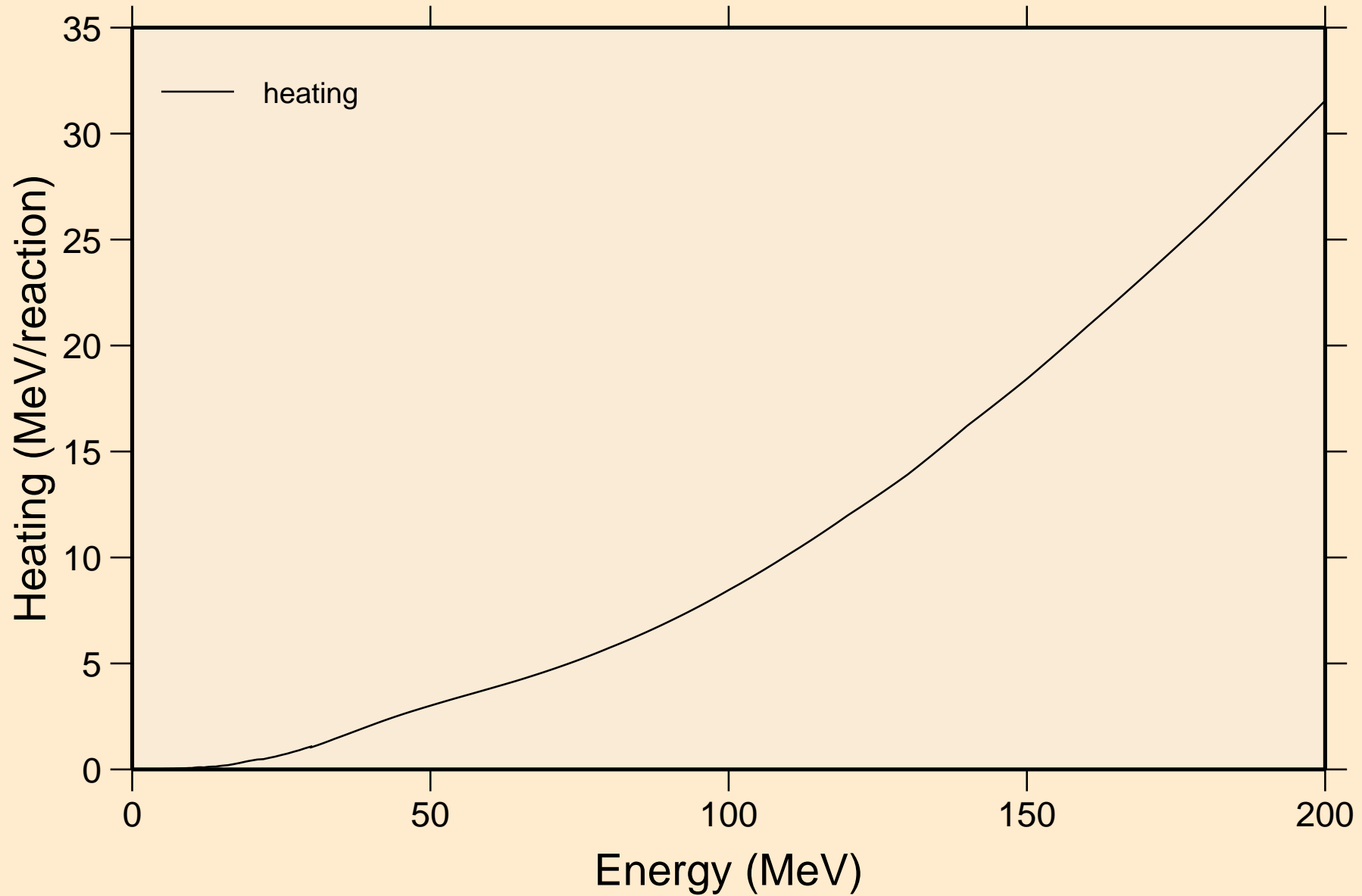


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



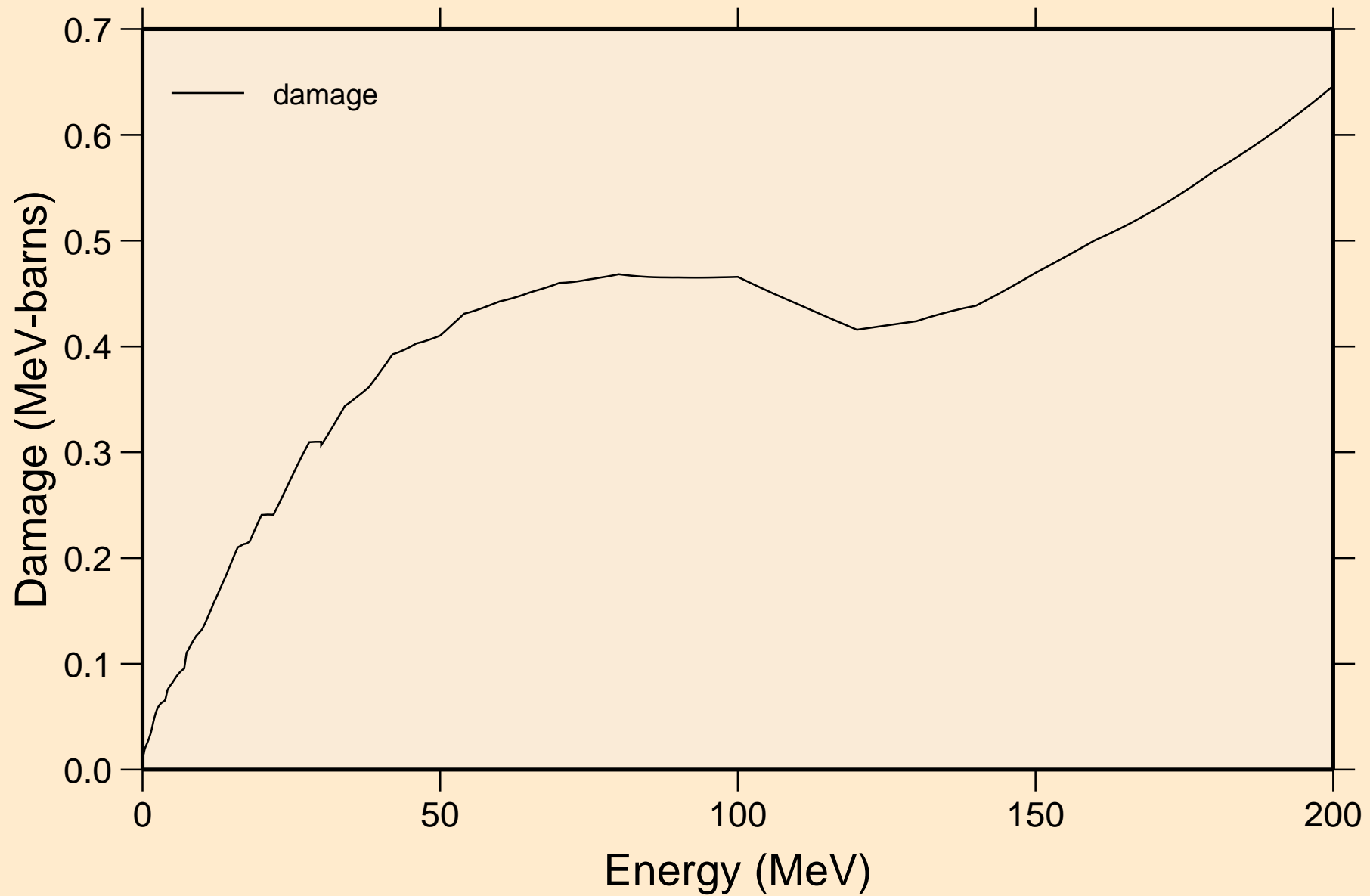
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Heating

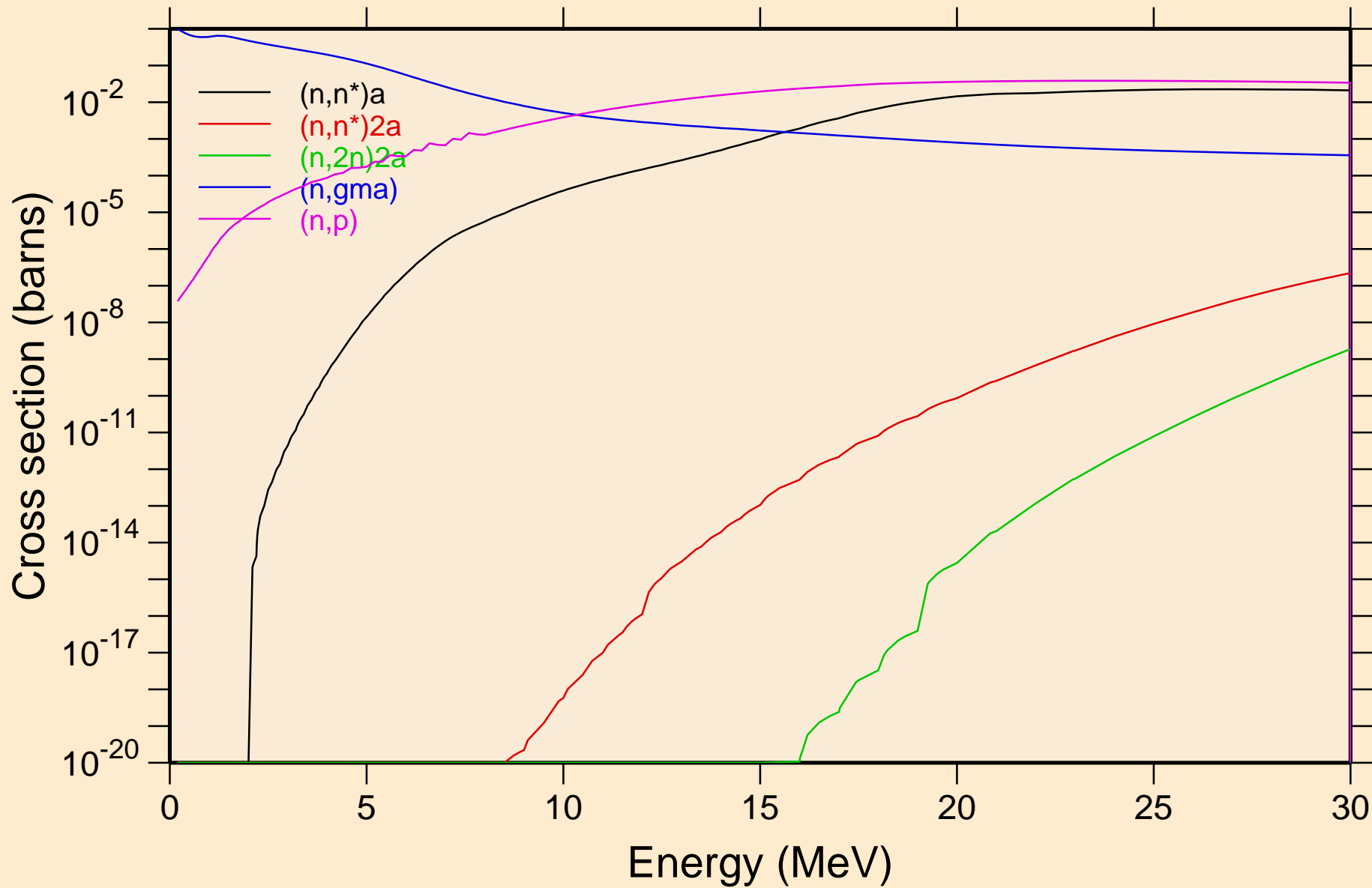




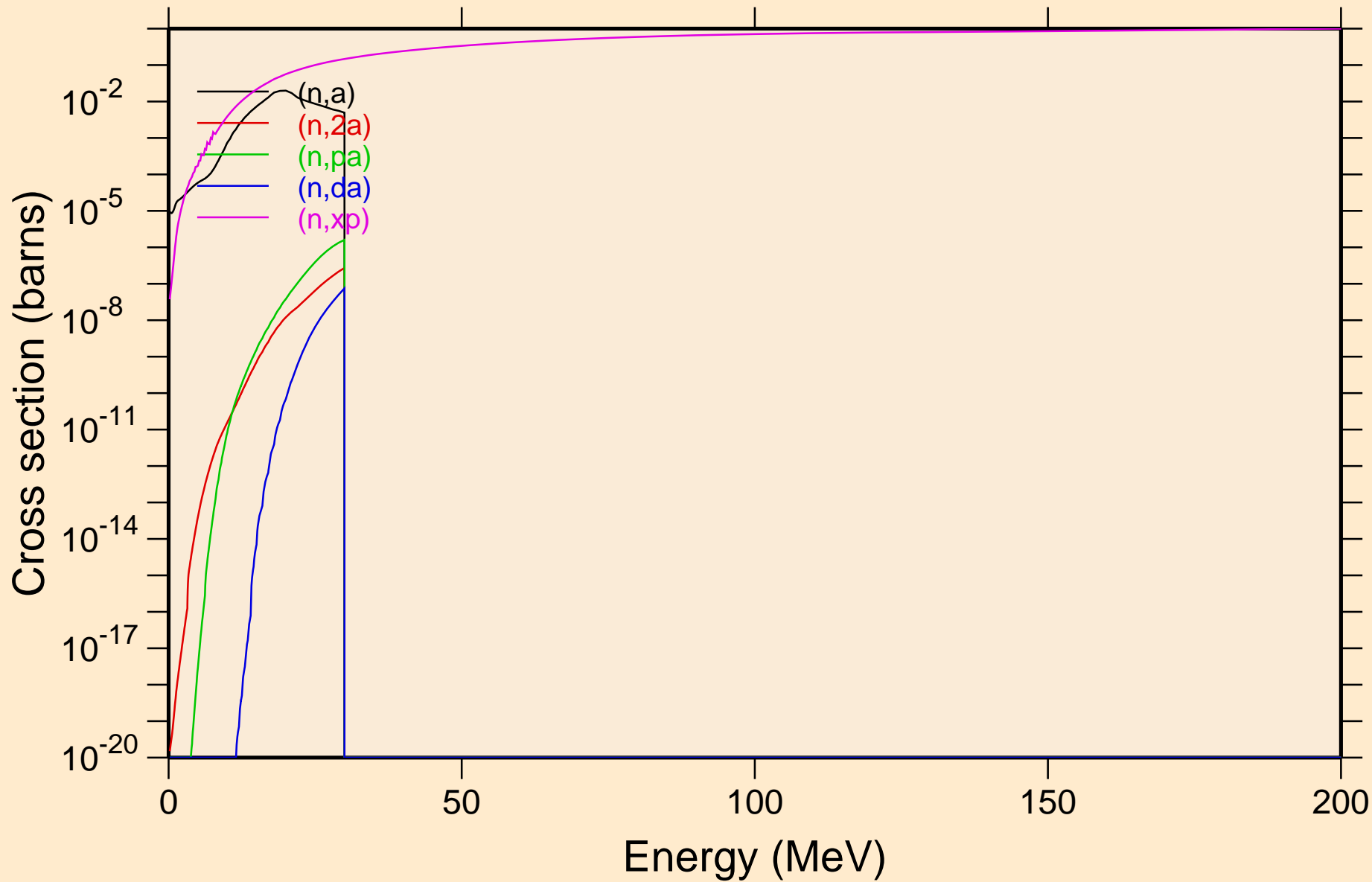
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Damage



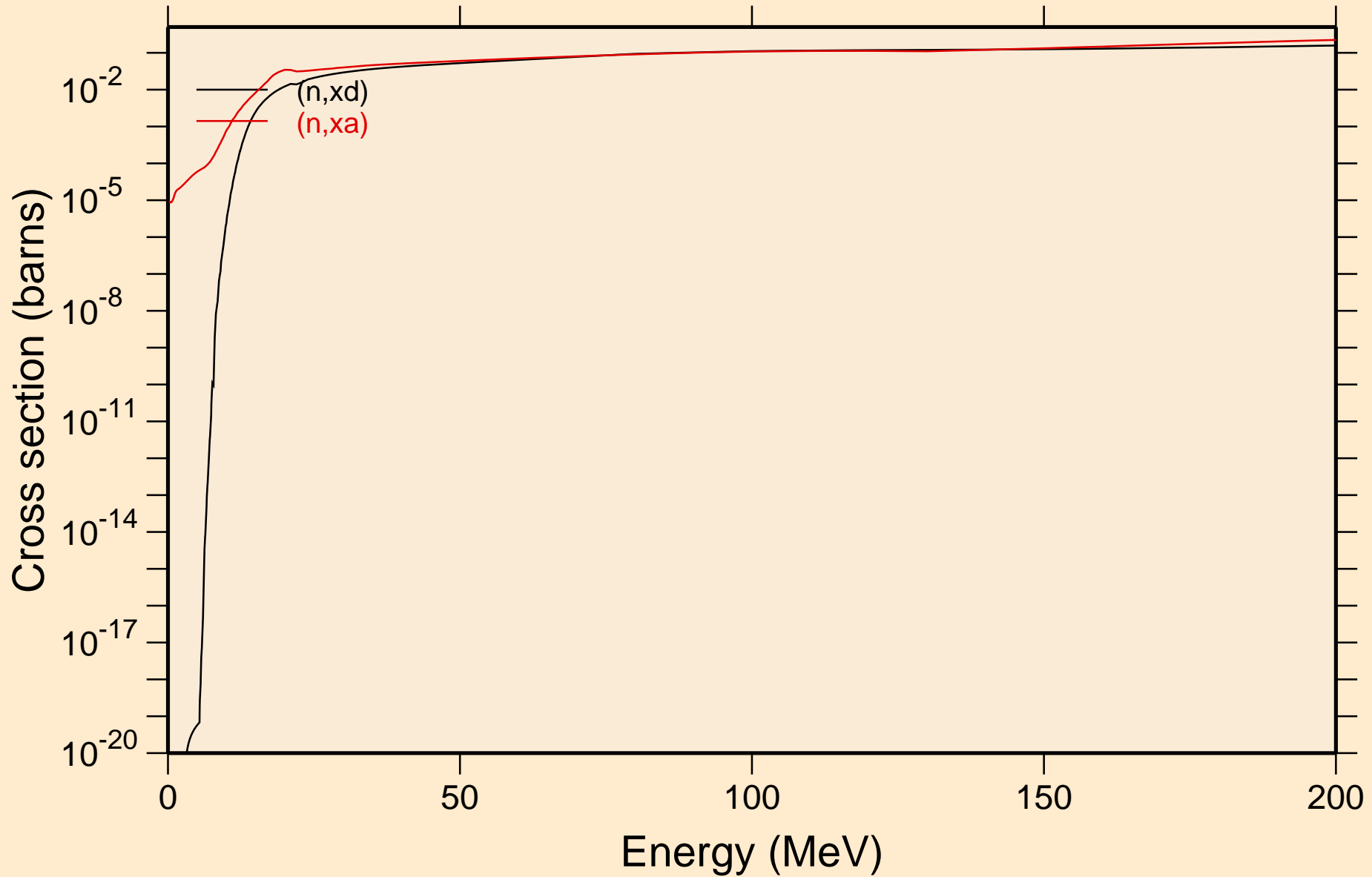
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Non-threshold reactions



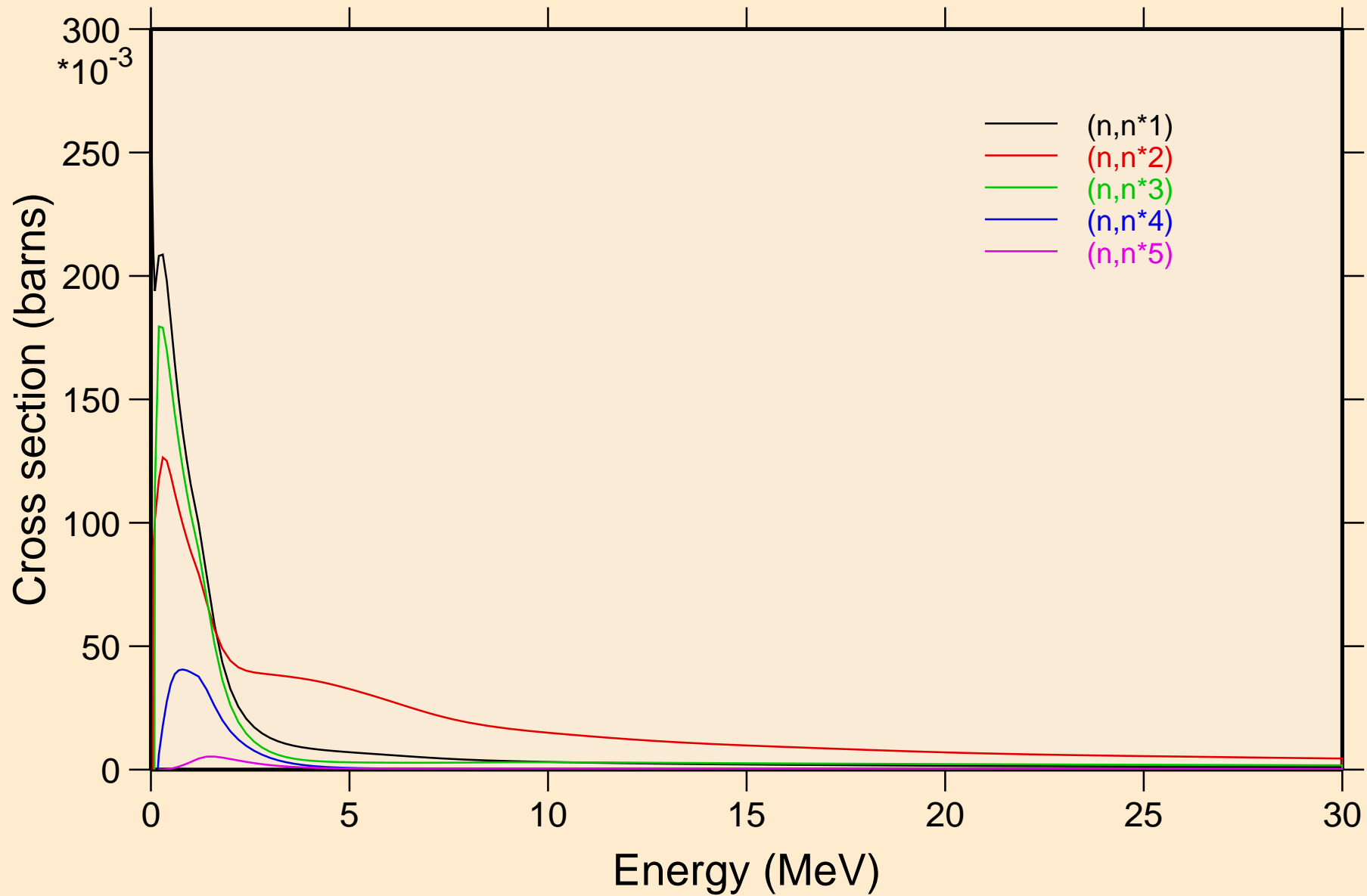
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Non-threshold reactions



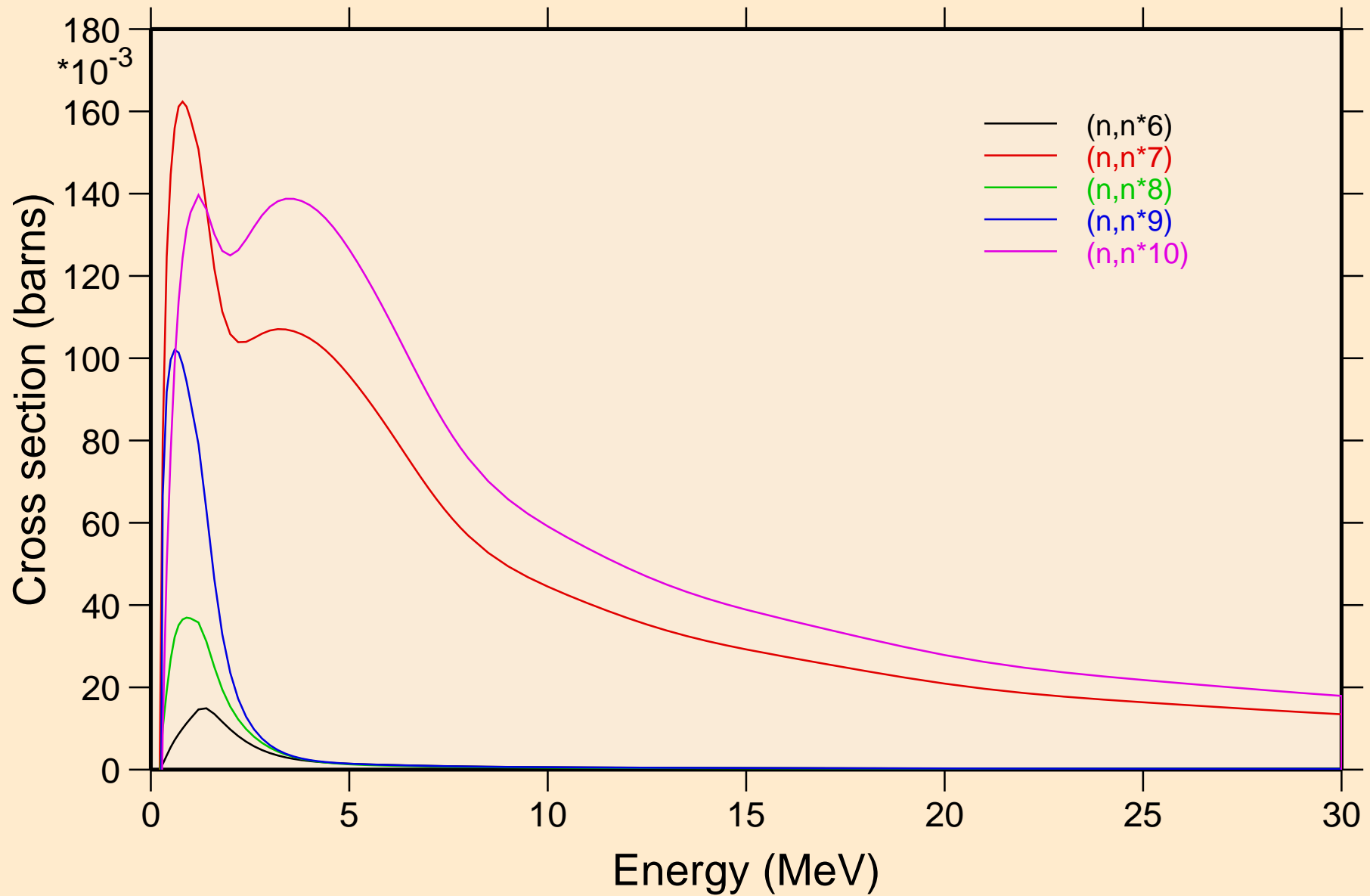
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Non-threshold reactions



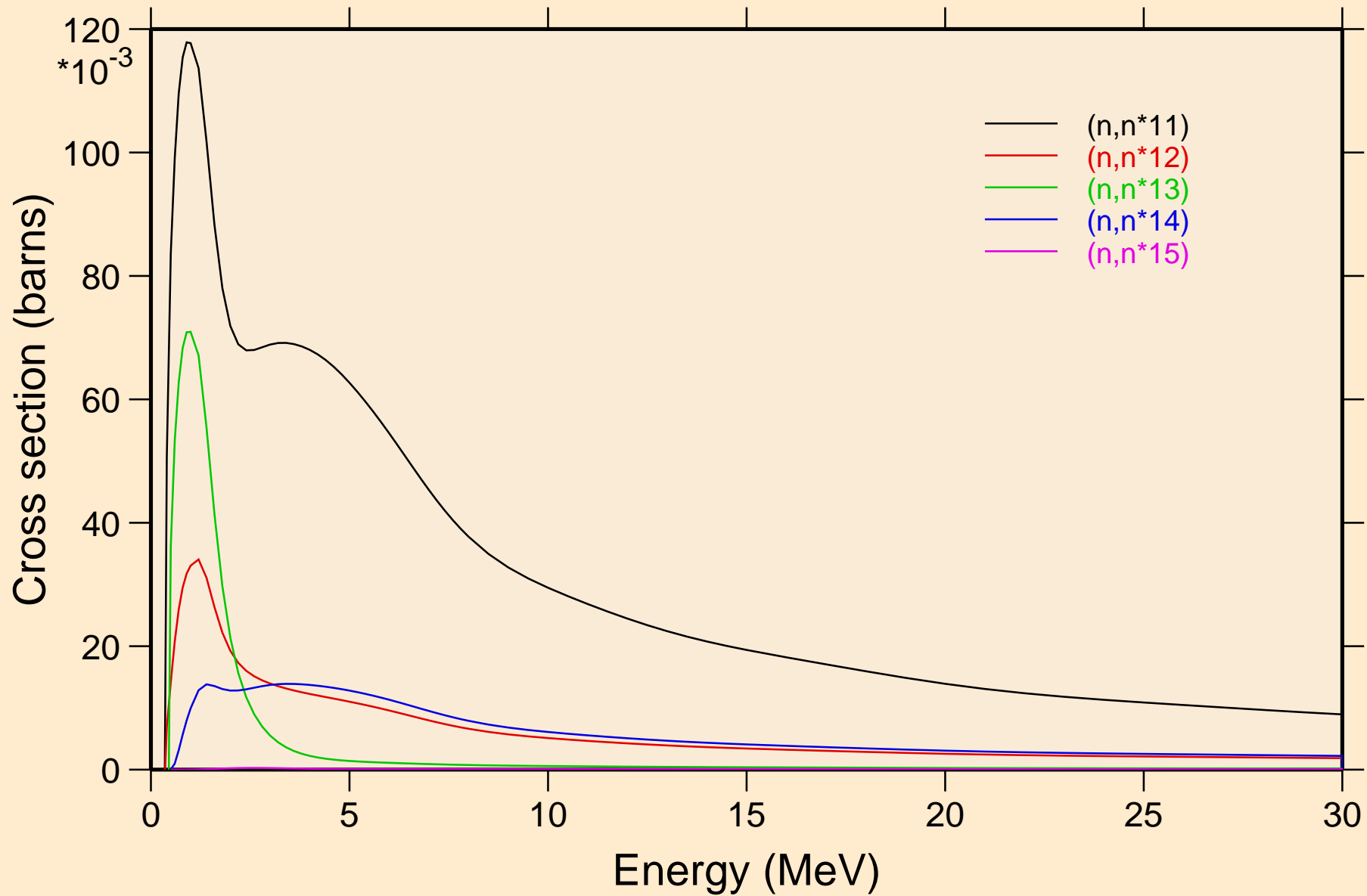
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



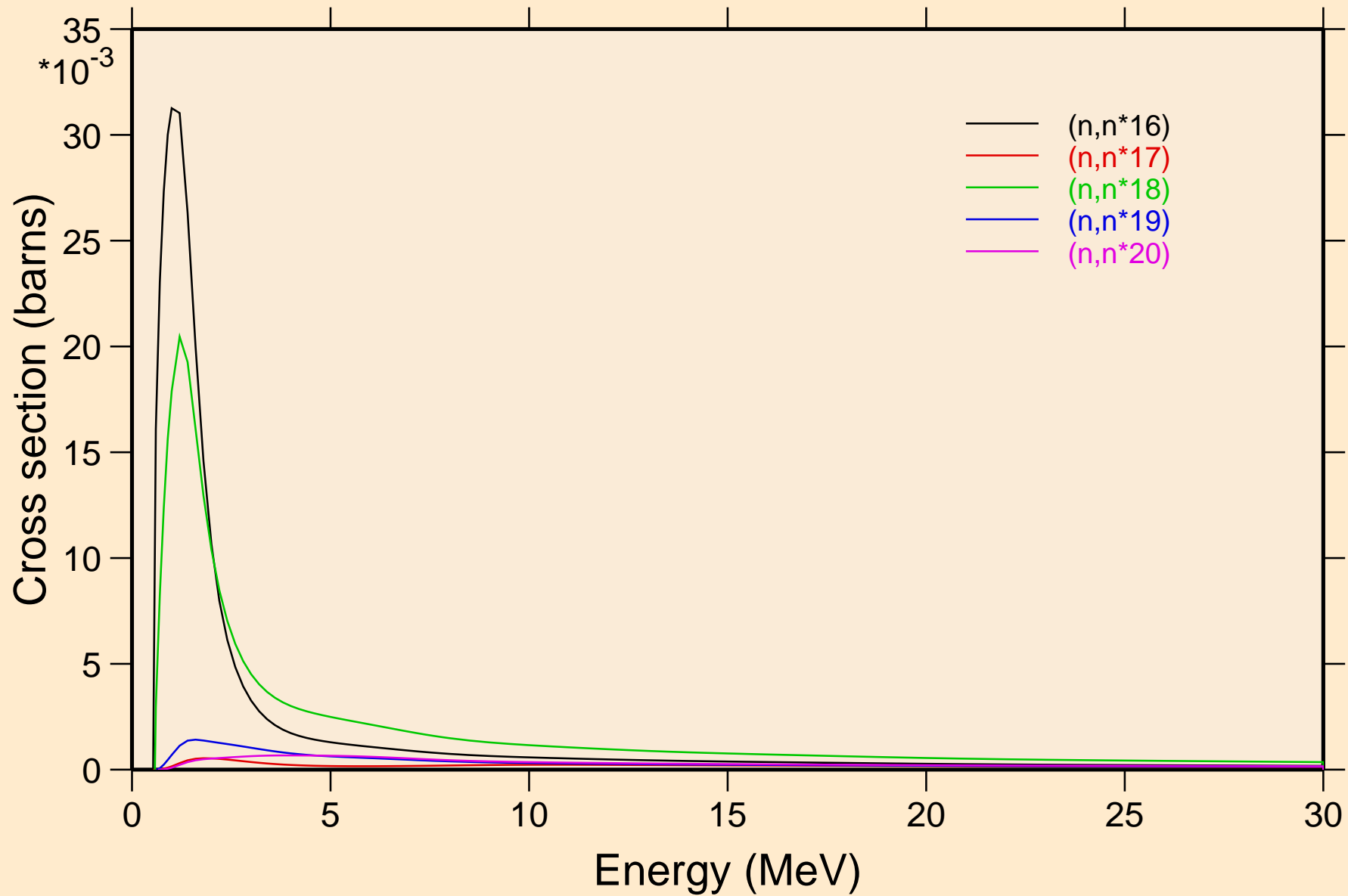
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

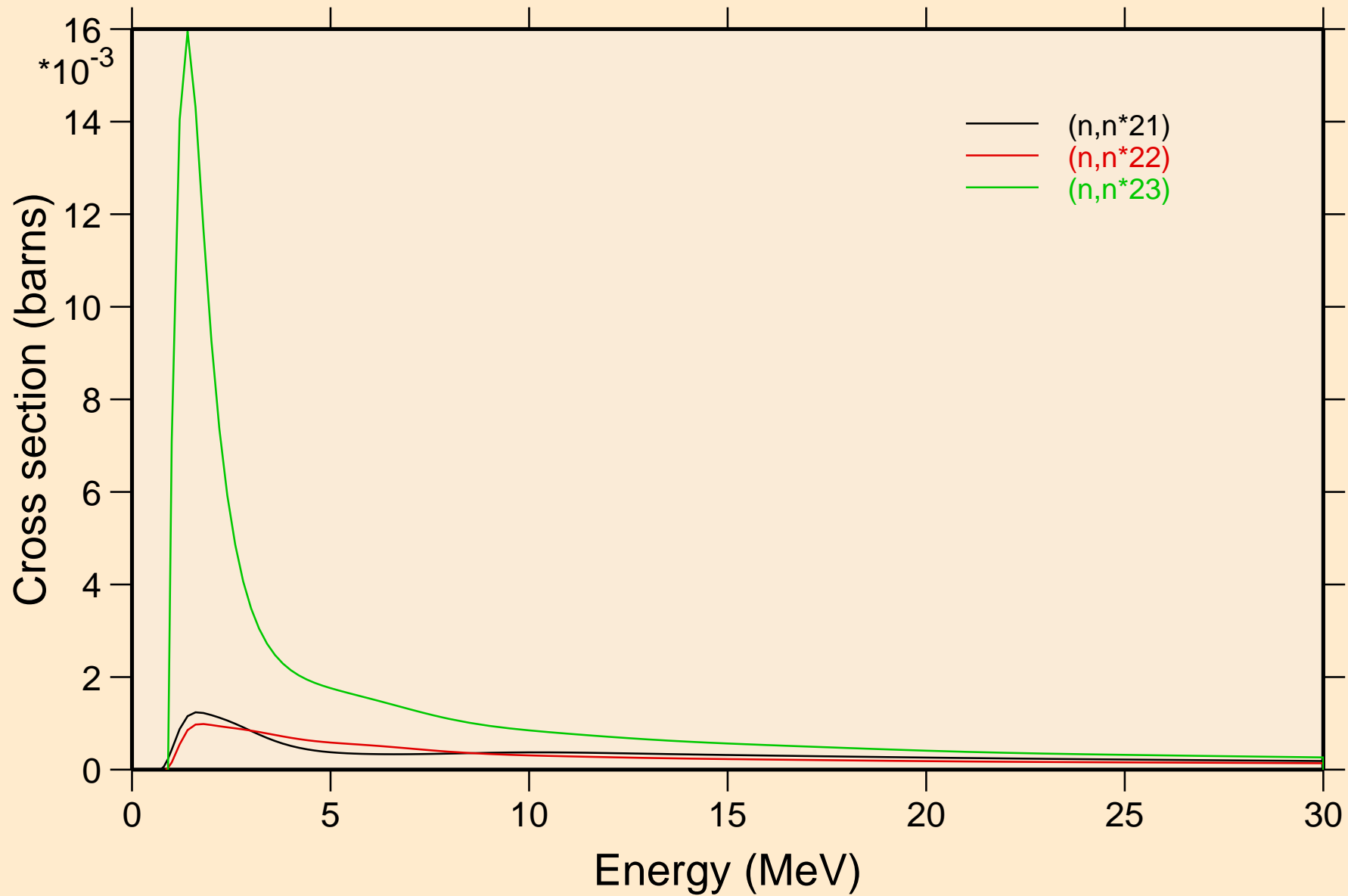


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Inelastic levels

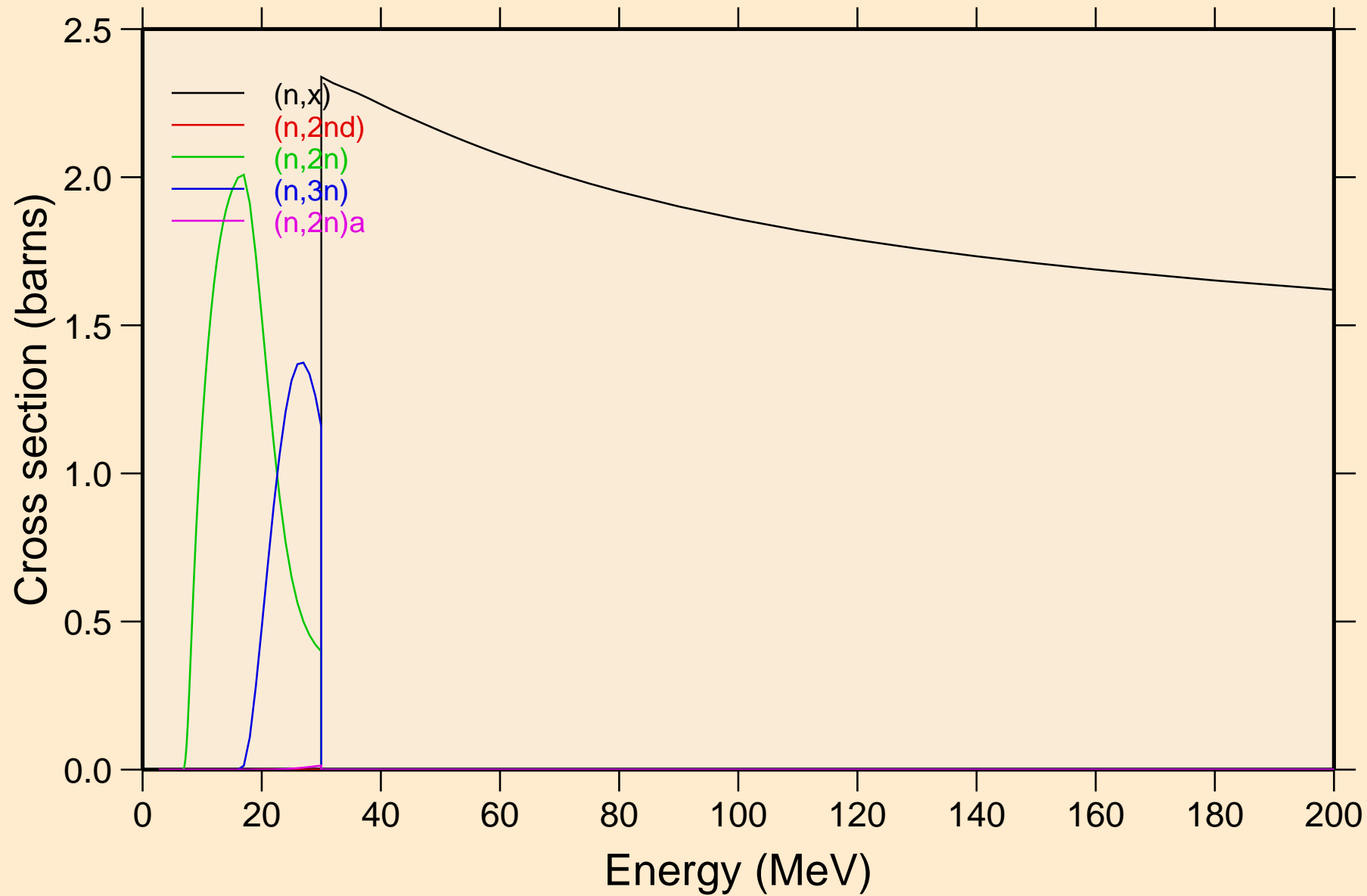




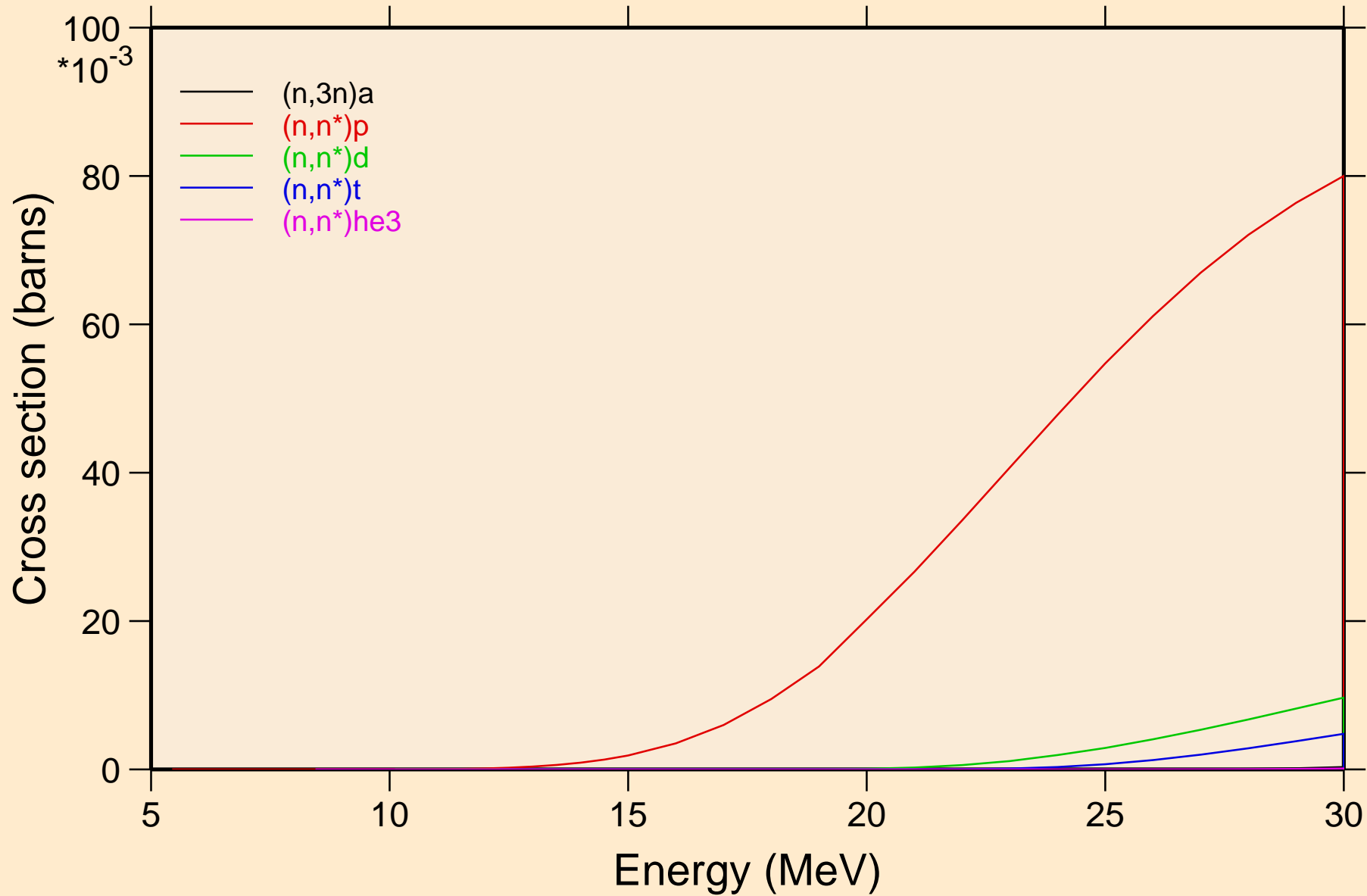
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Inelastic levels



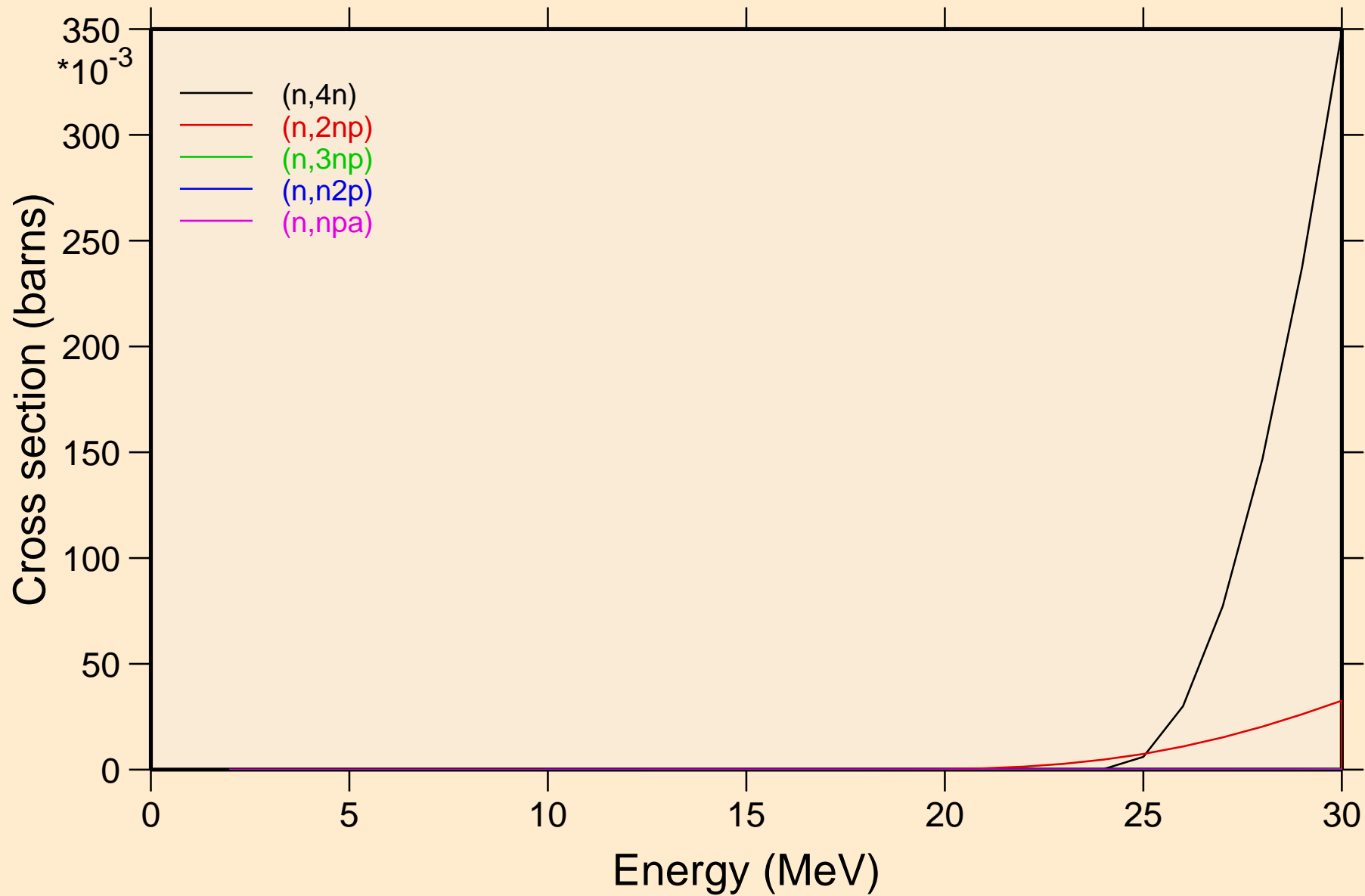
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



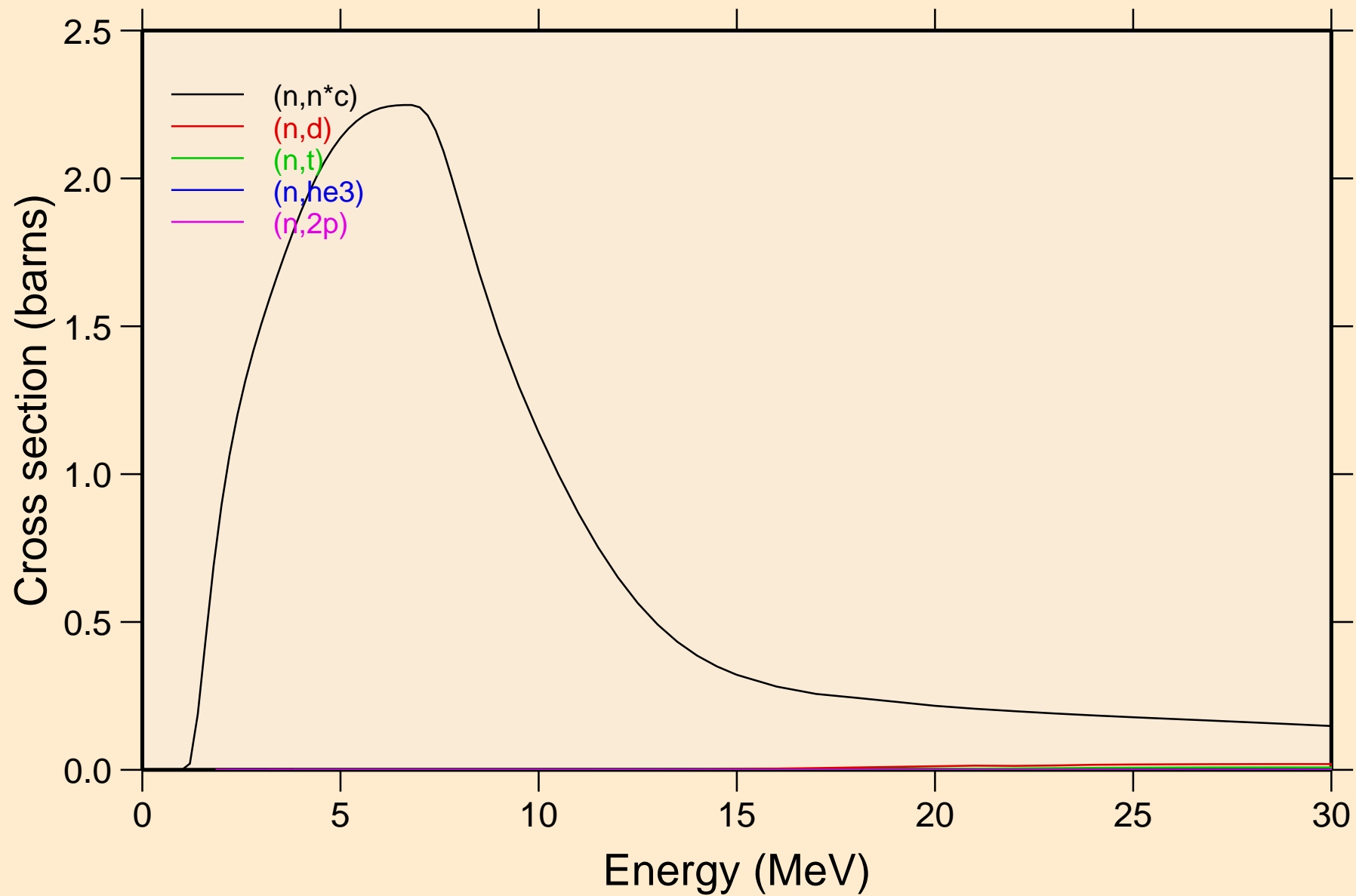
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



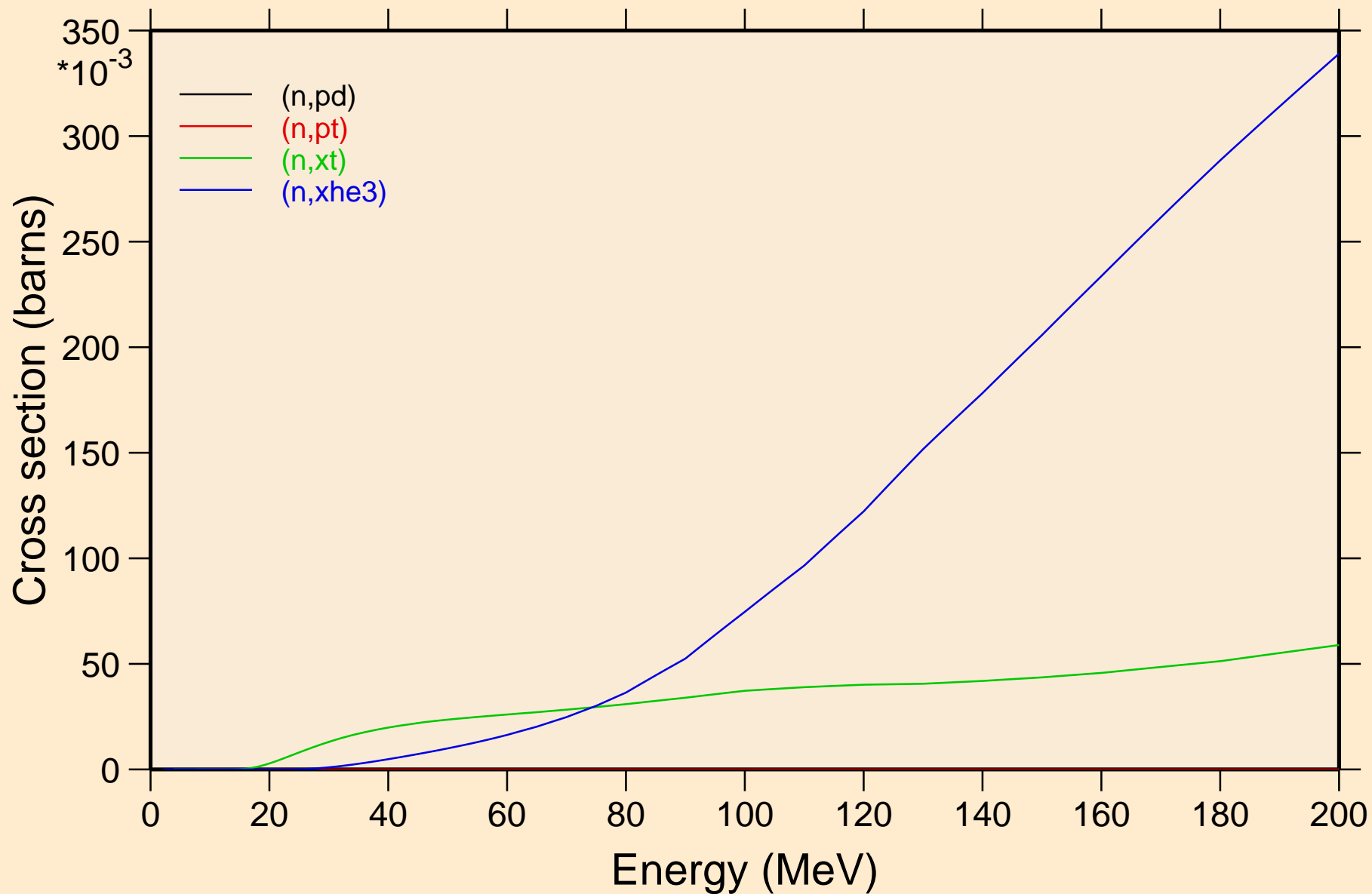
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



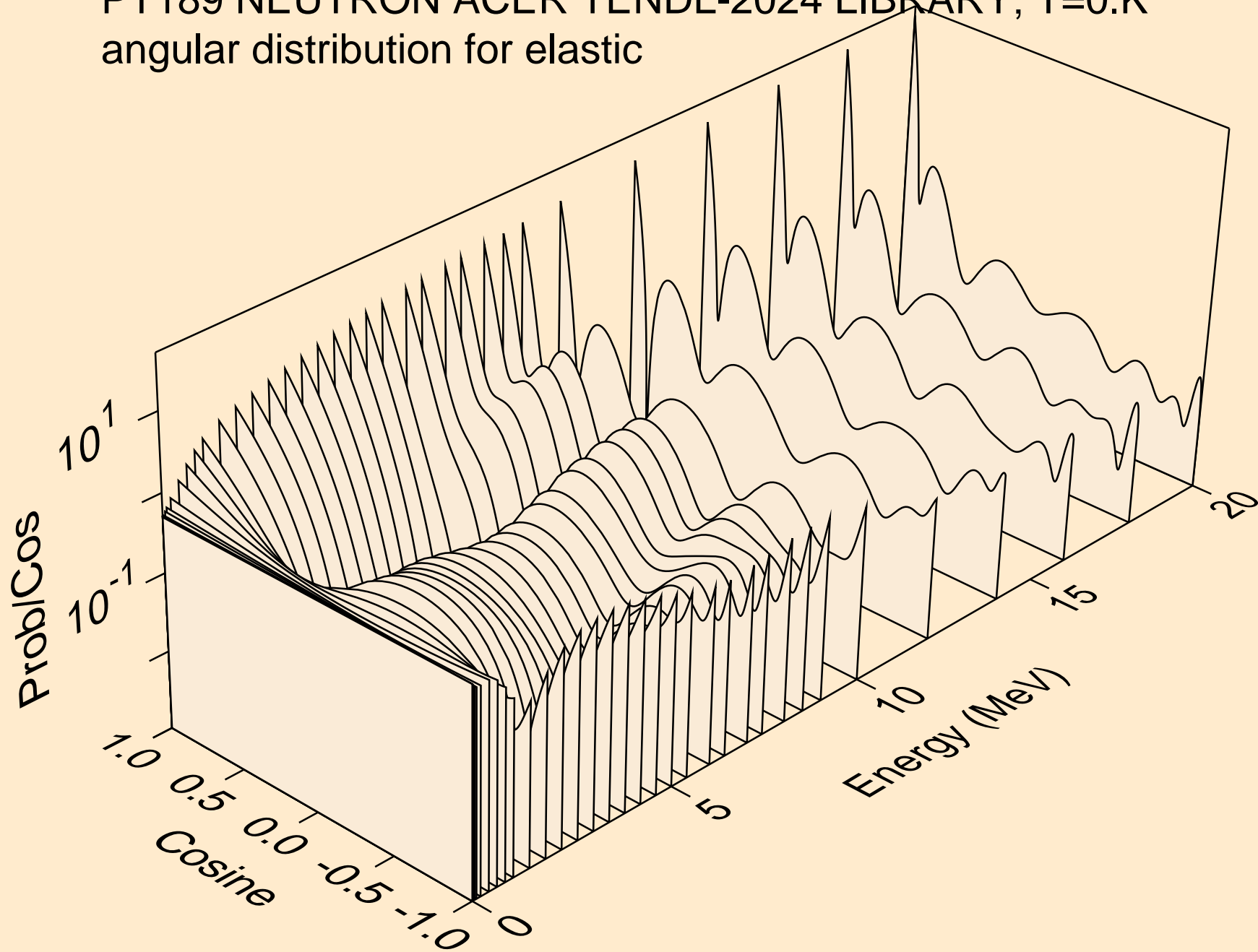
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



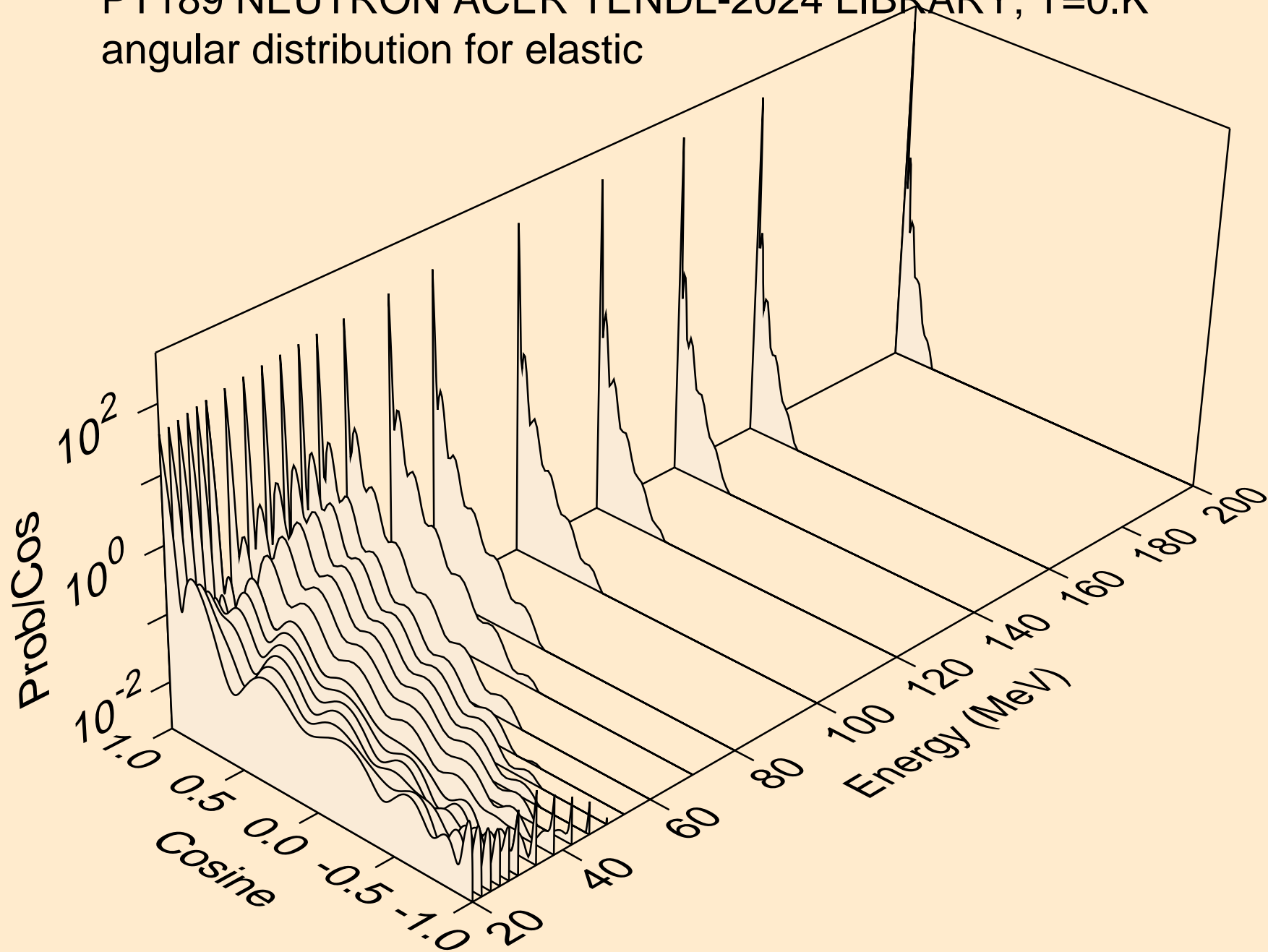
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

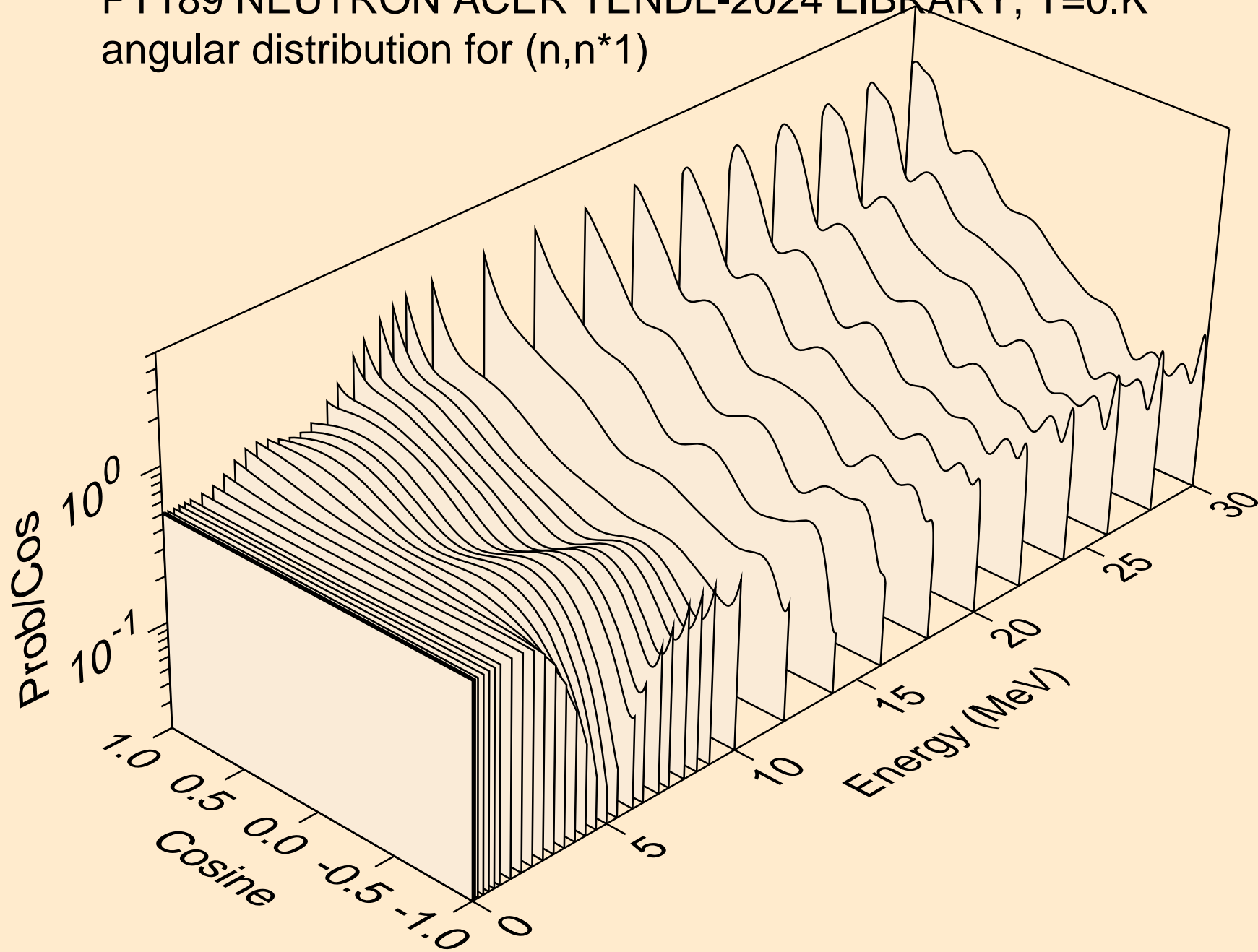


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

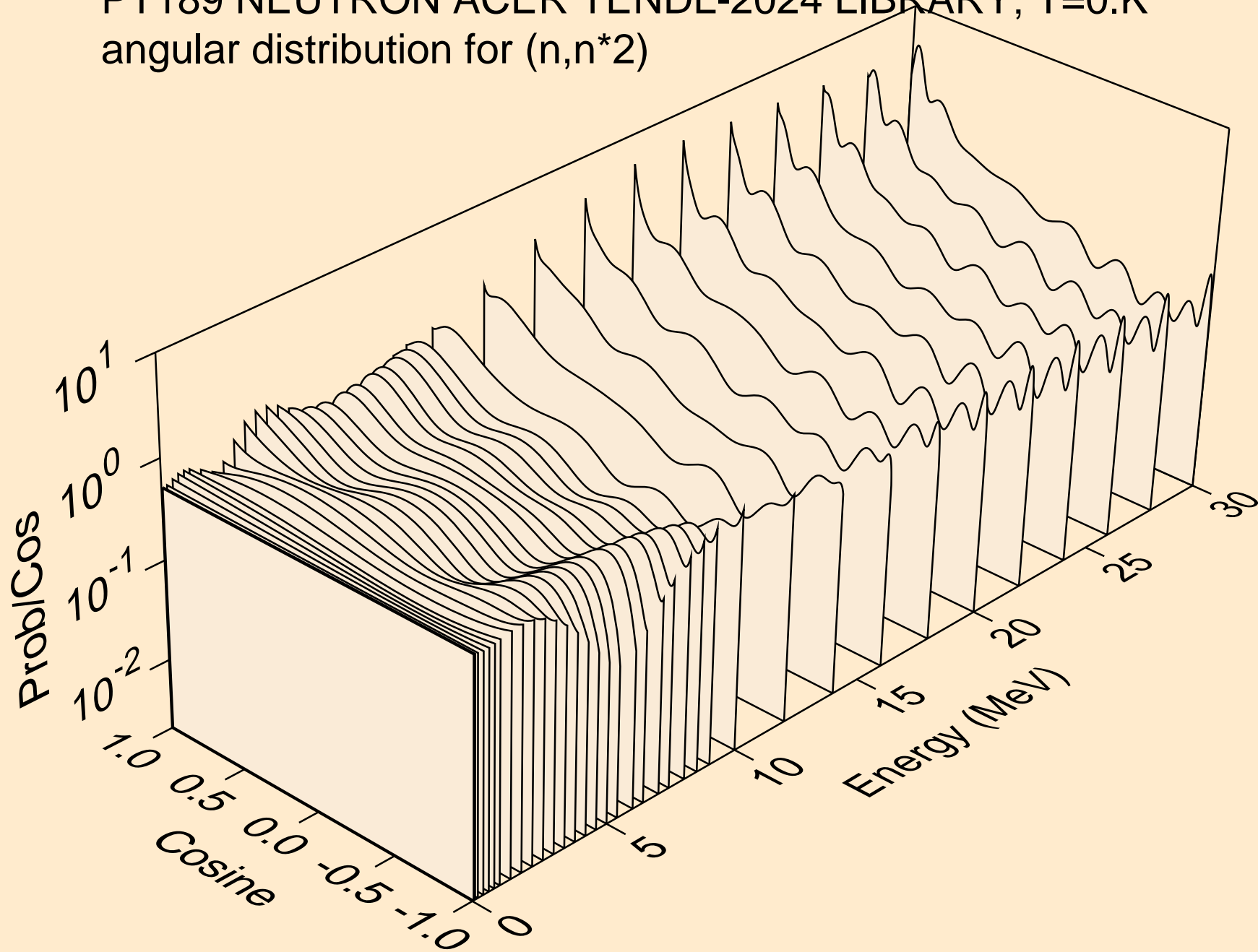




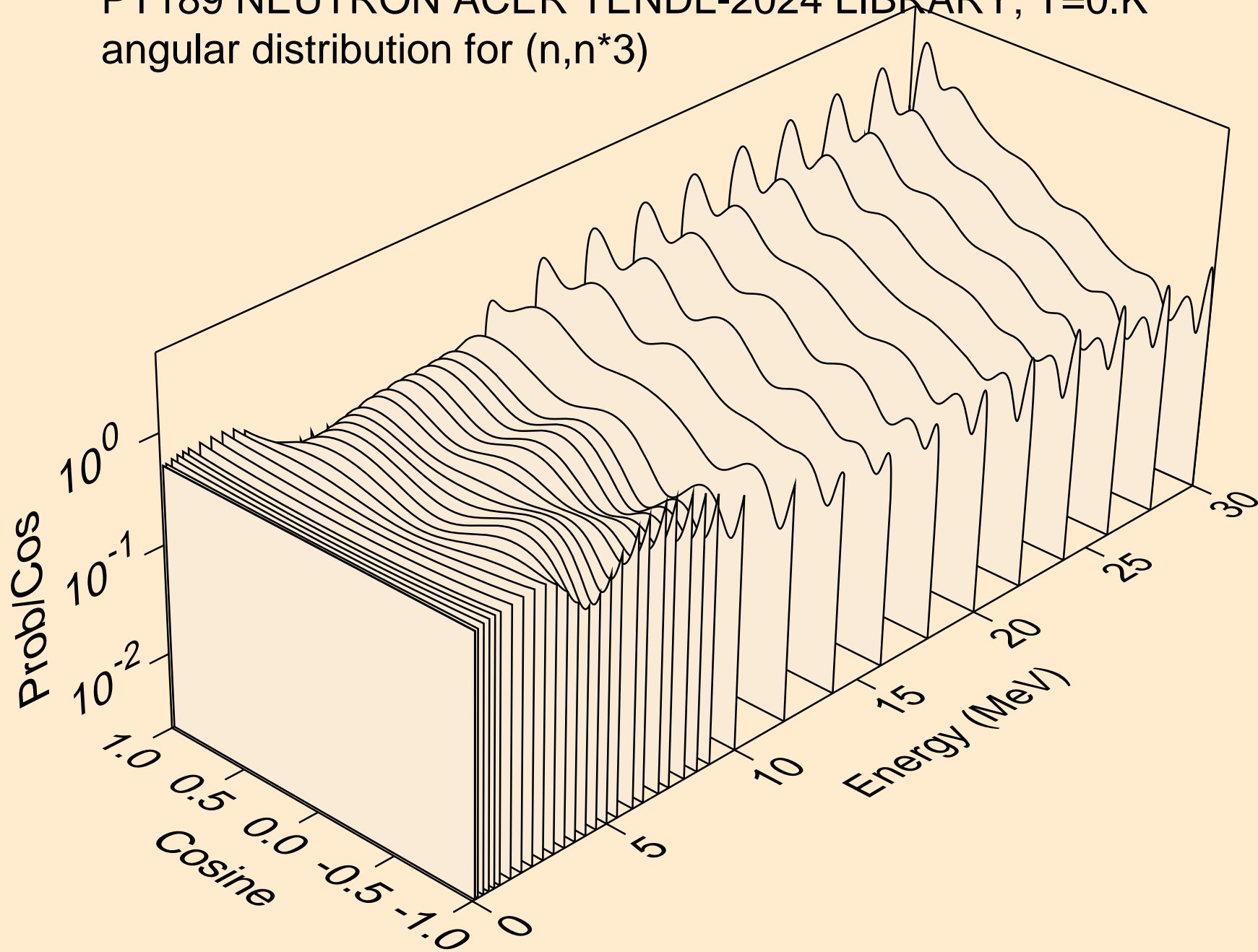
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*1)



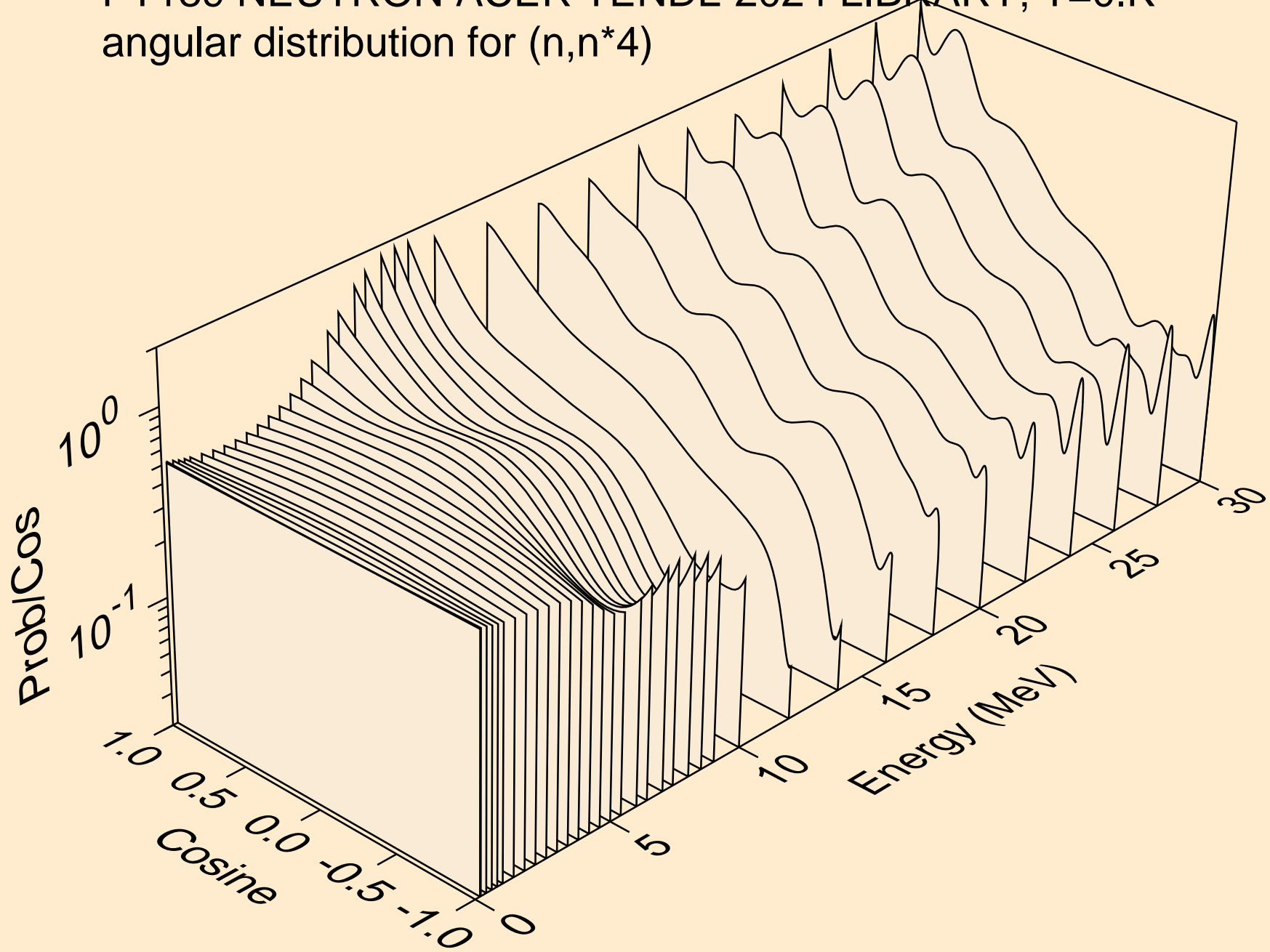
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*2)



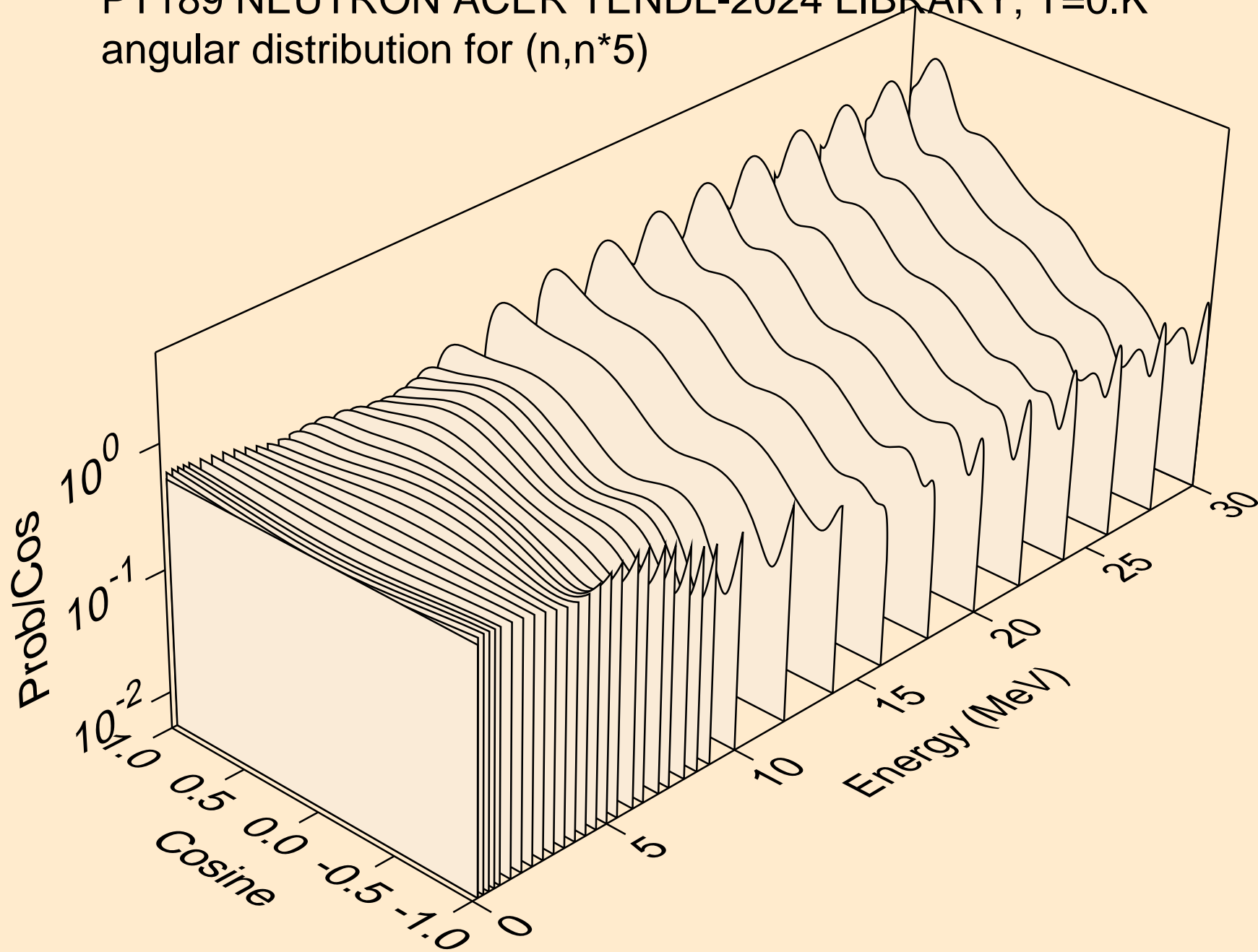
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*3)



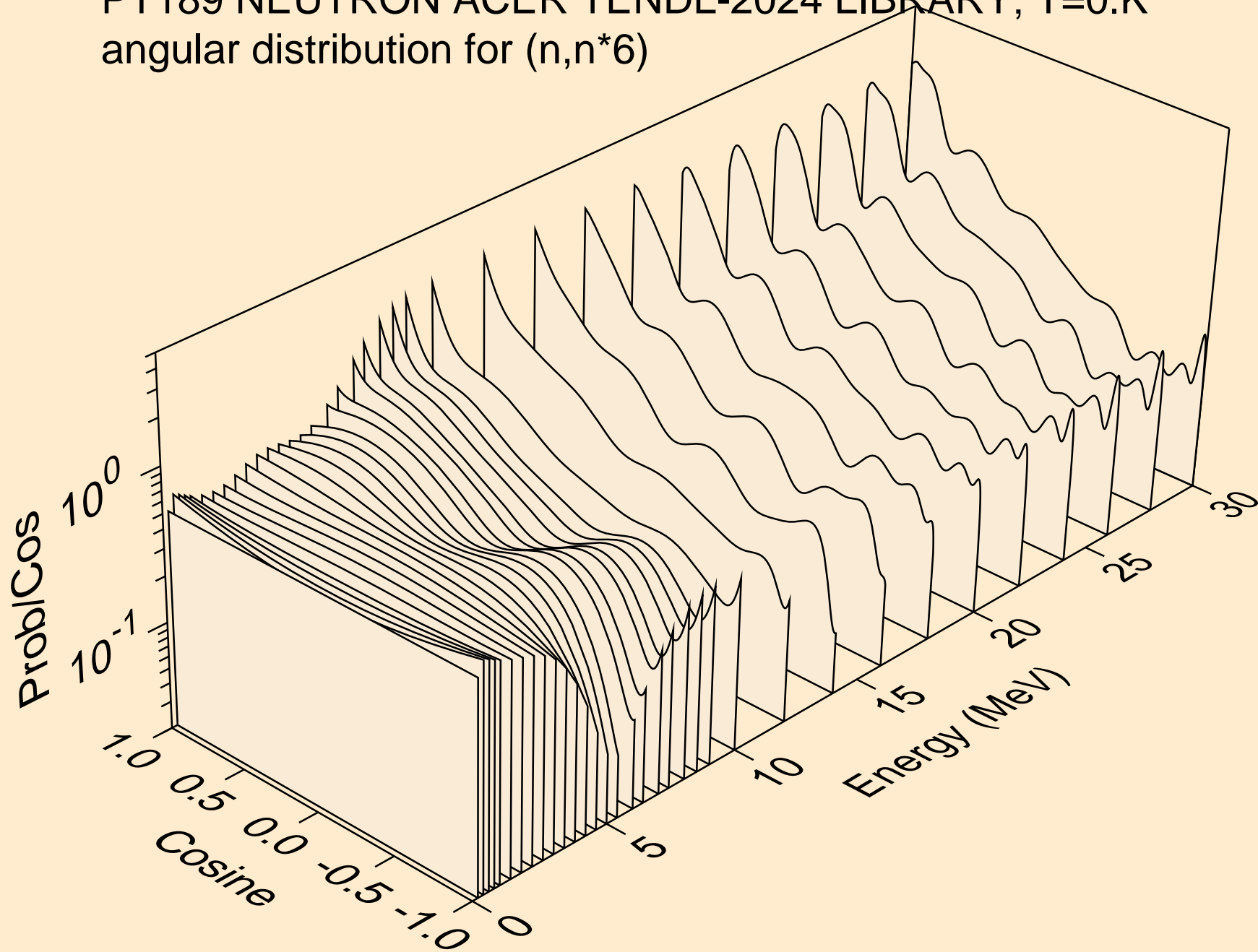
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*4)



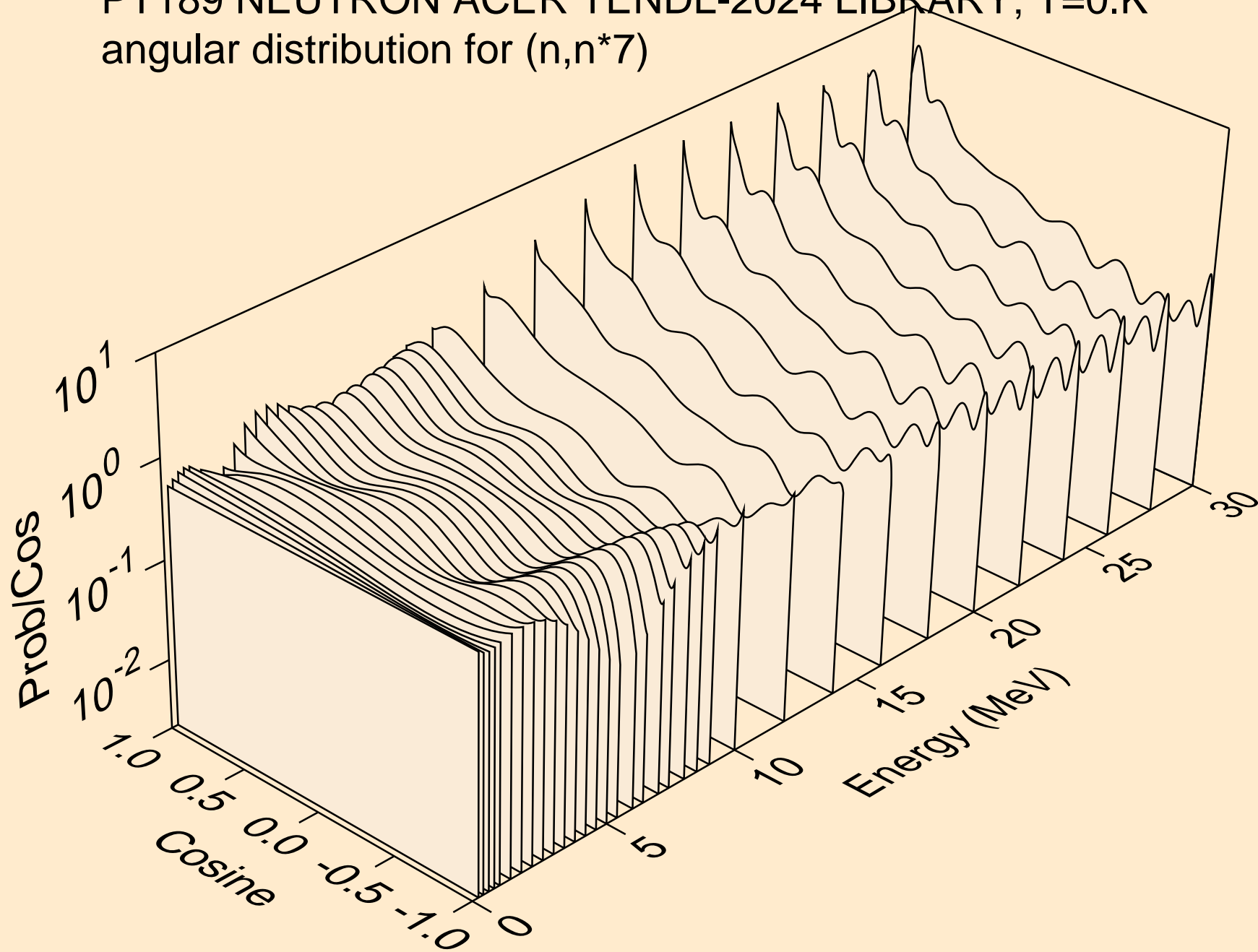
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*5)



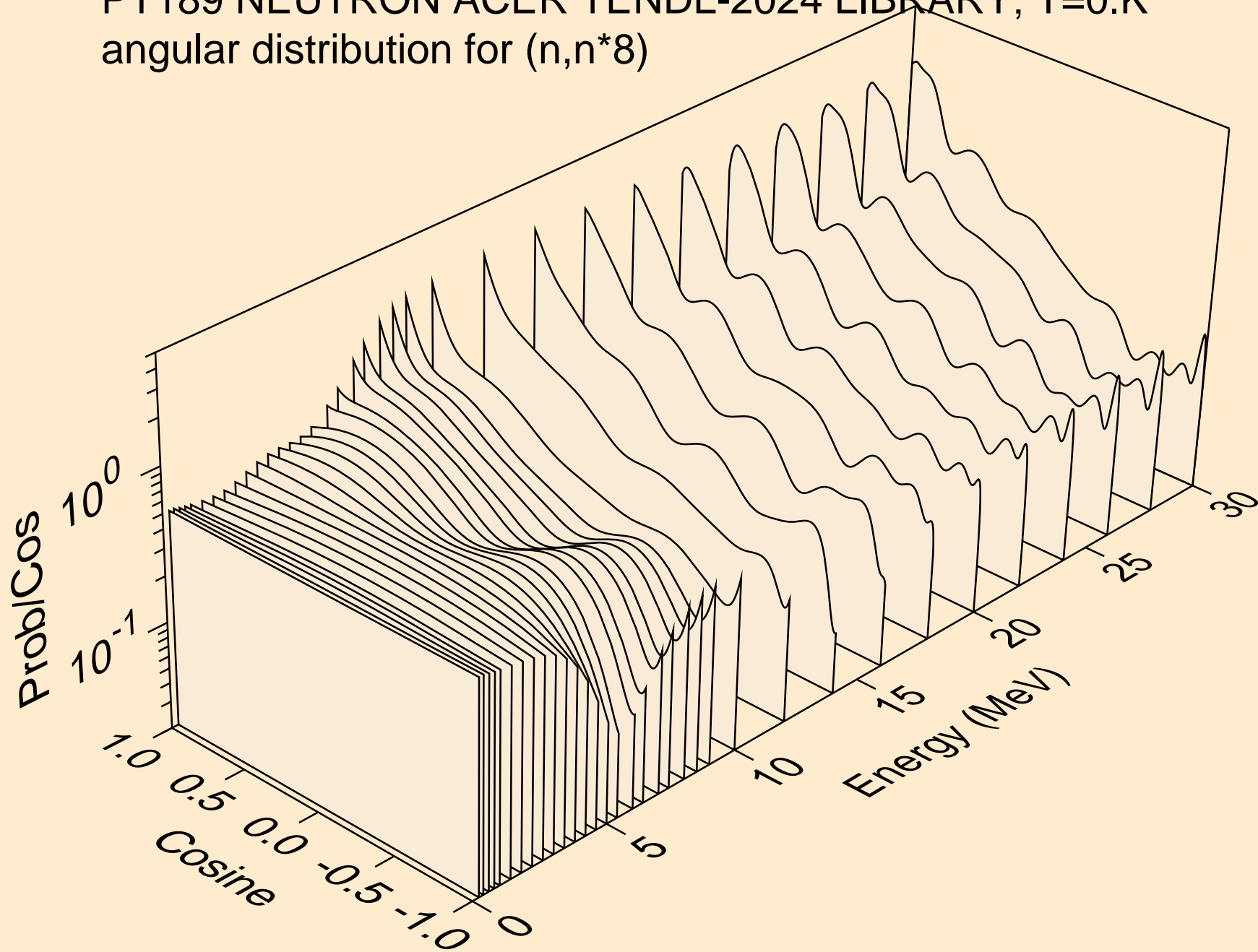
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*6)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*7)

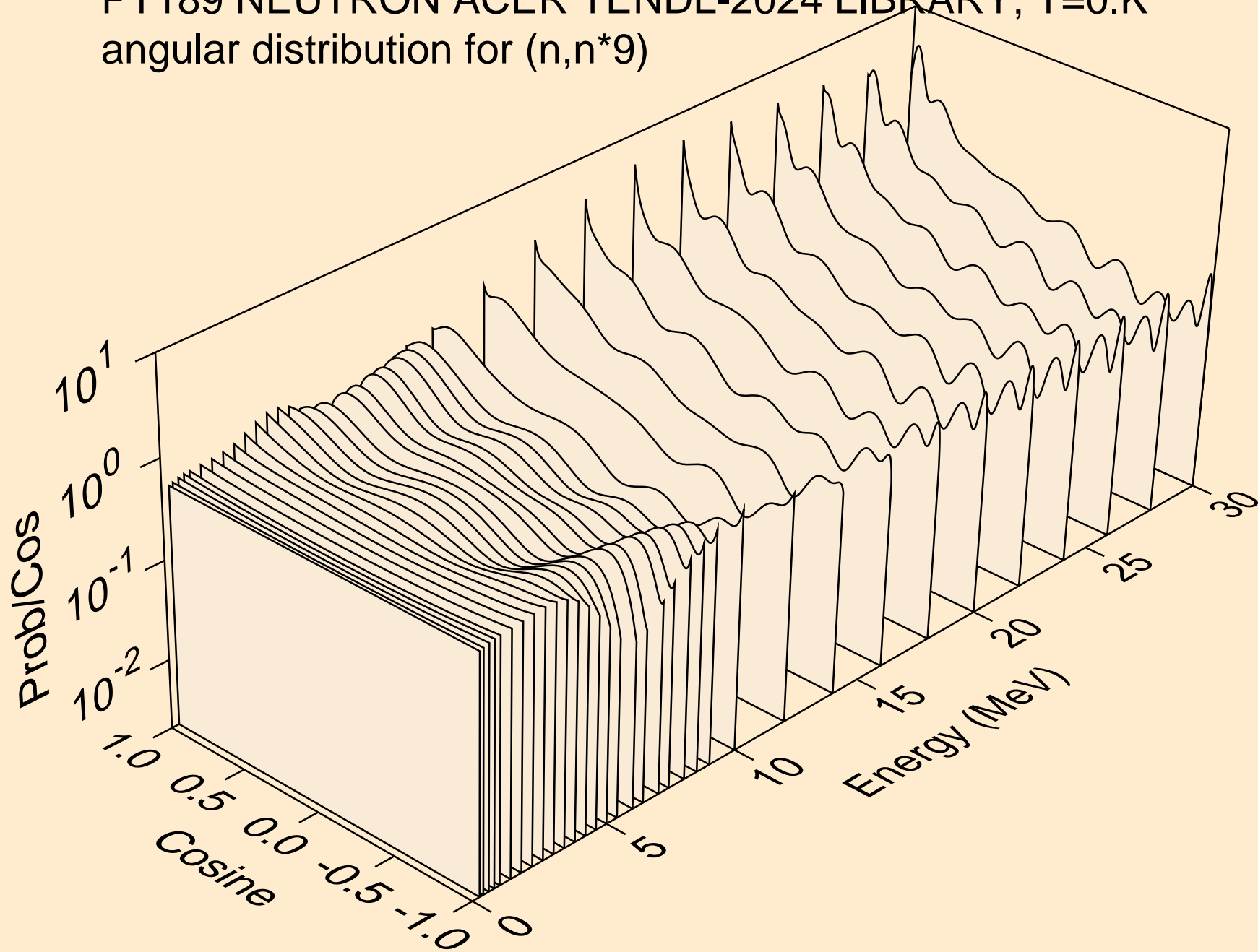


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*8)

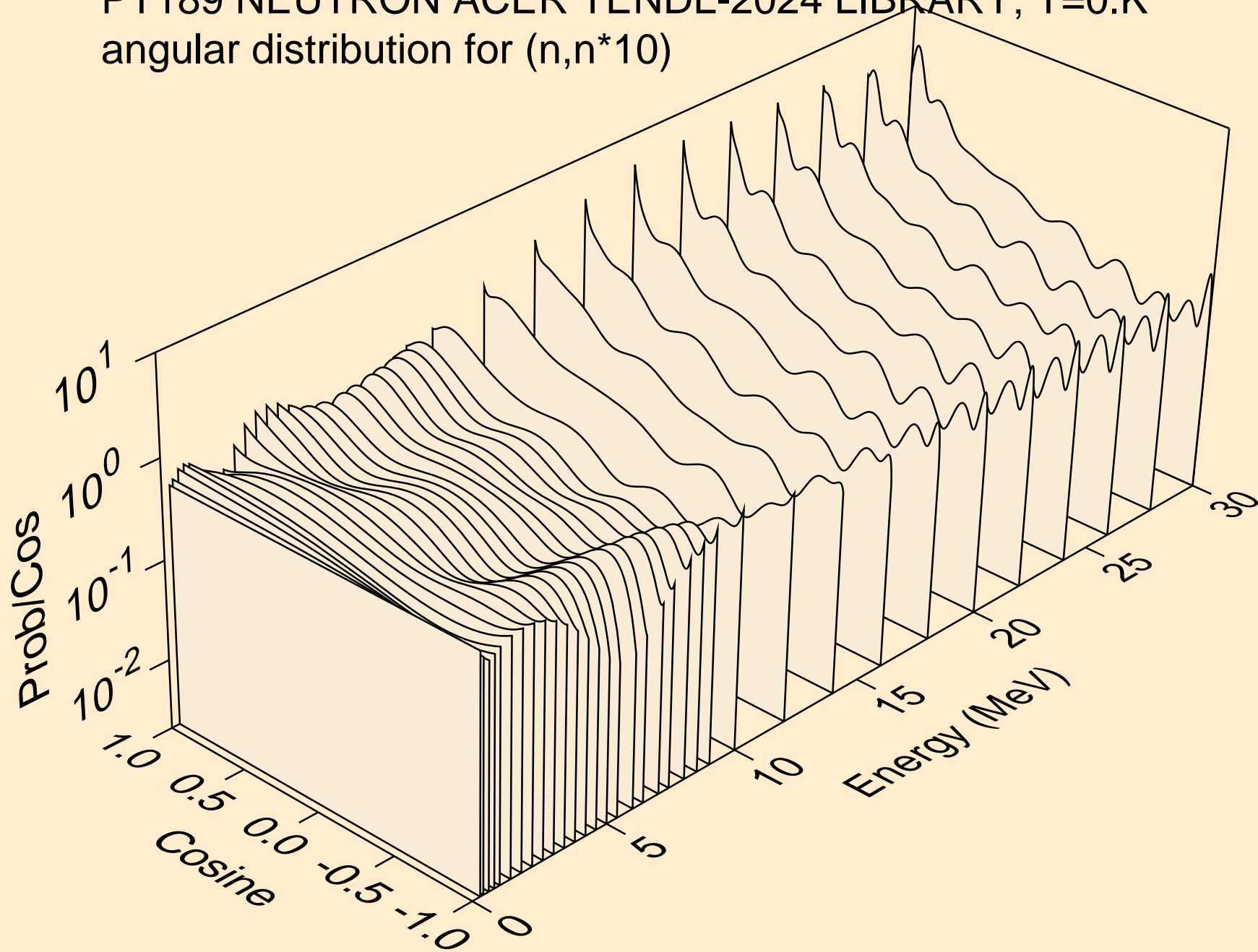




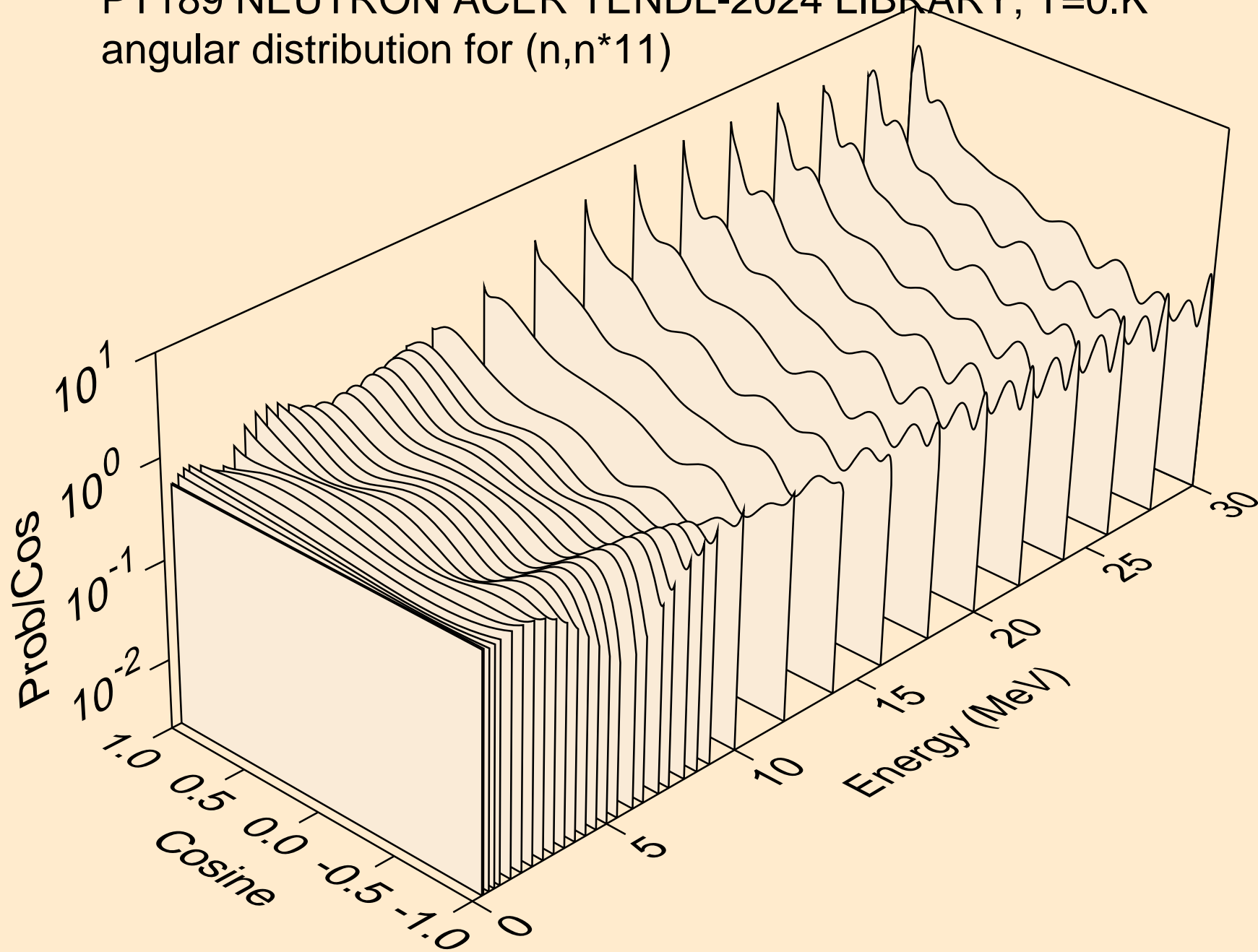
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*9)



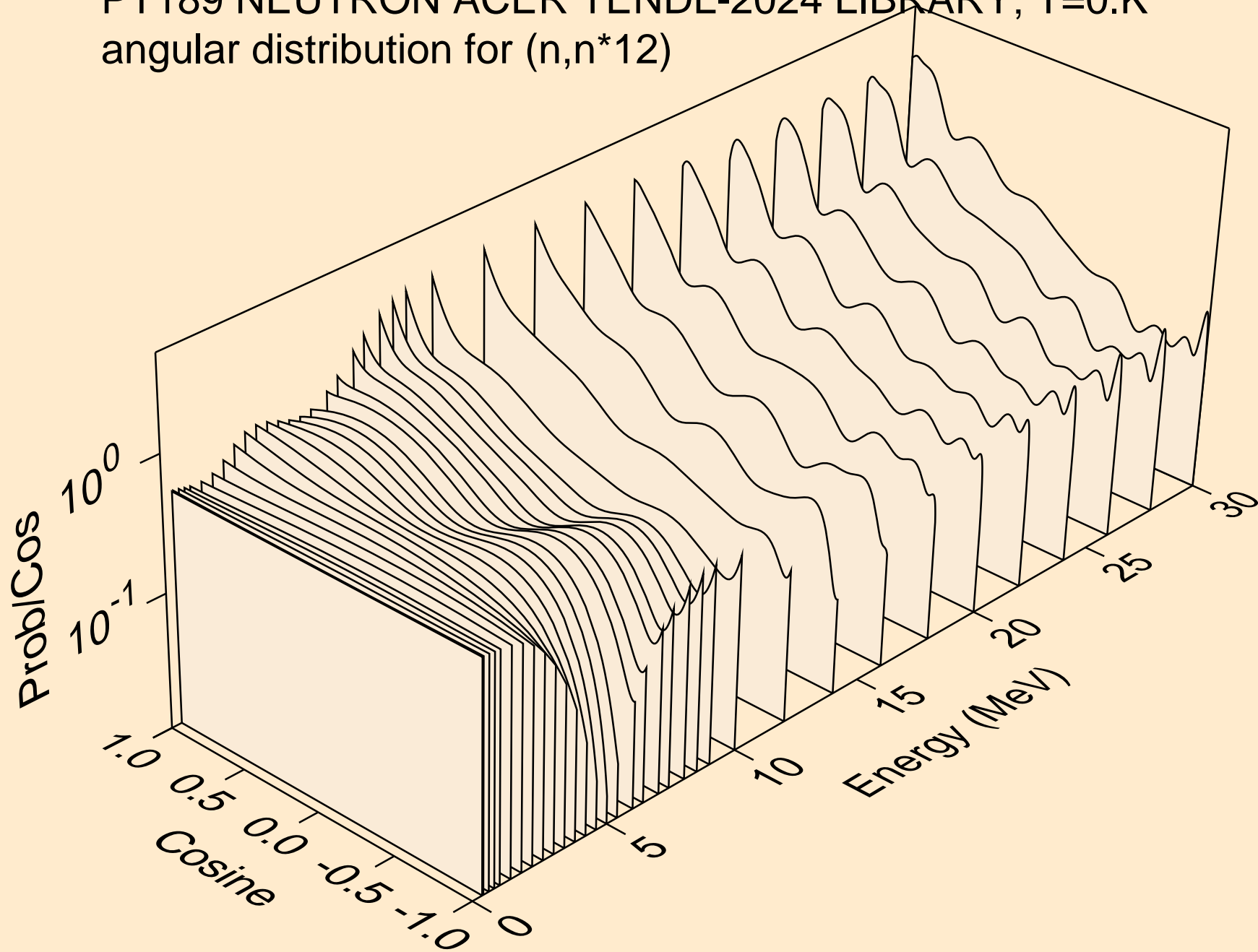
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*10)



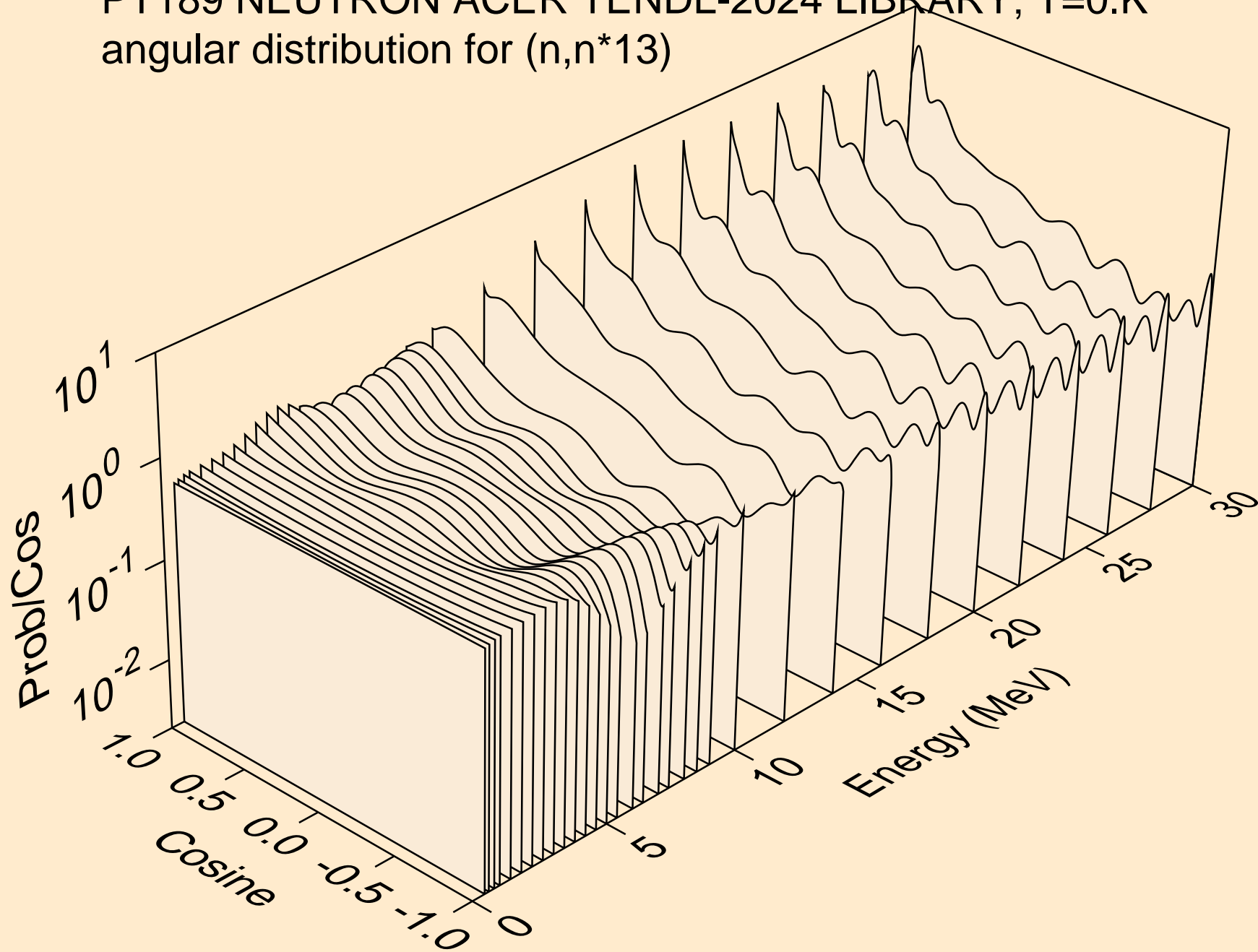
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angular distribution for (n,n\*11)



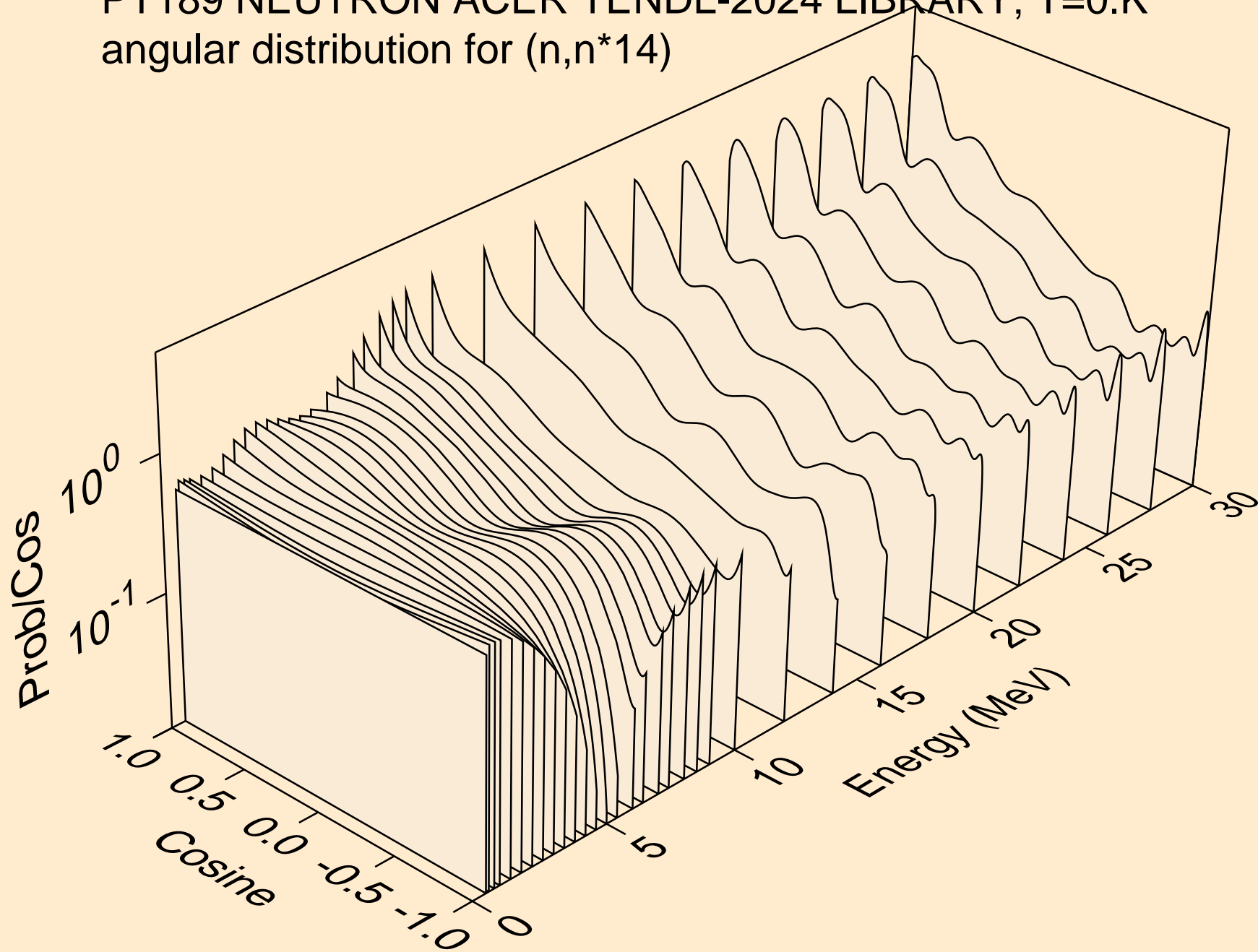
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angular distribution for (n,n\*12)



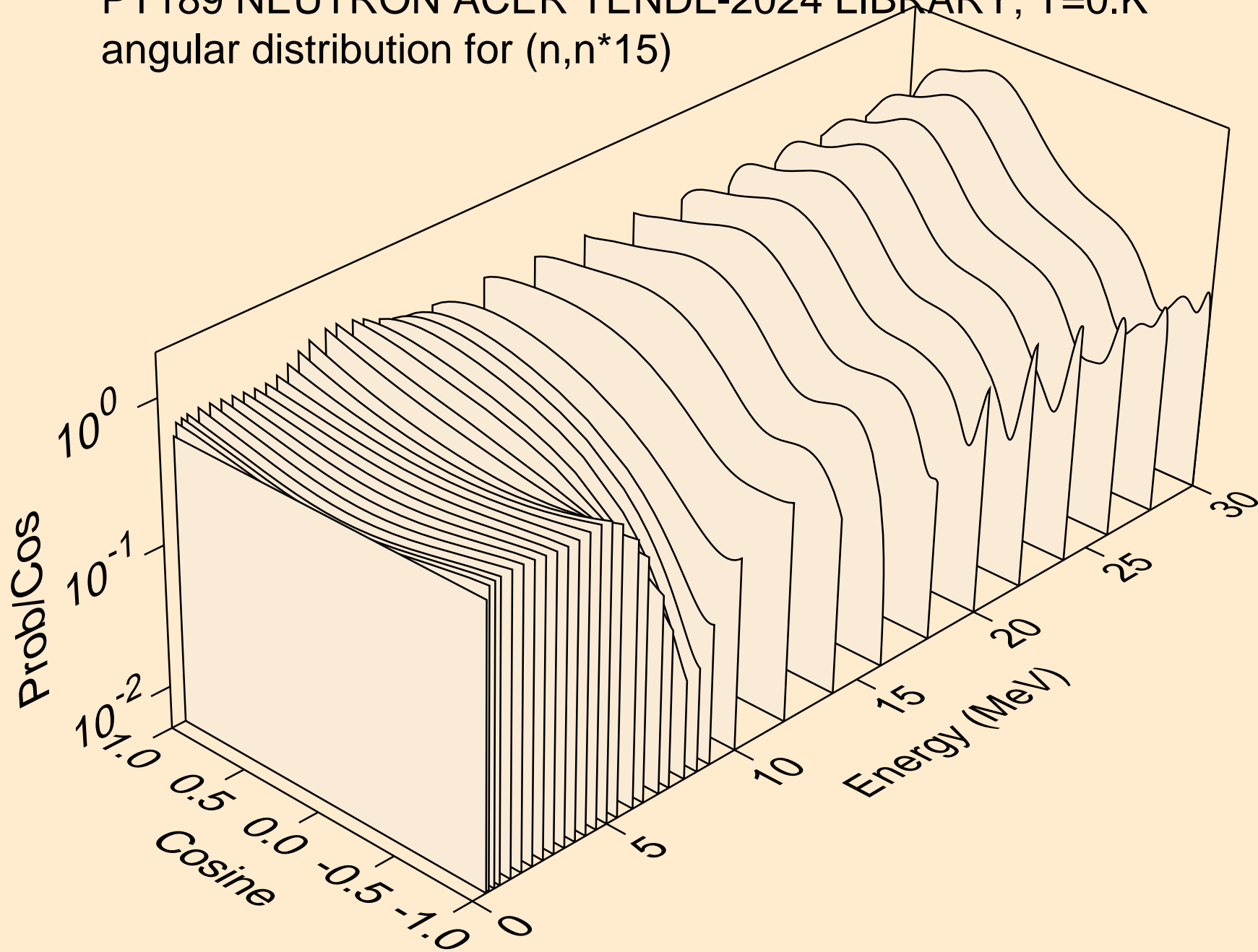
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angular distribution for (n,n\*13)



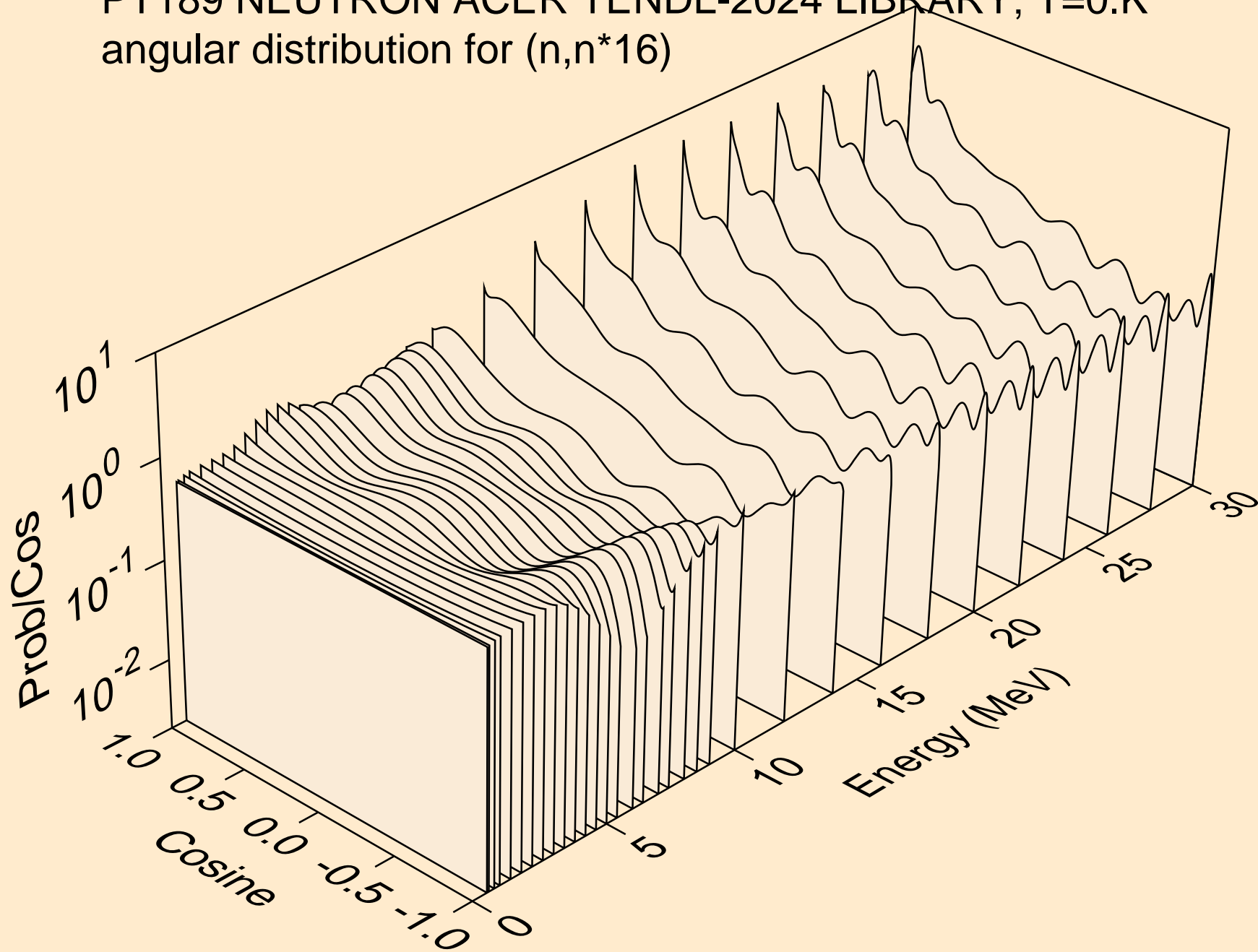
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*14)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*15)

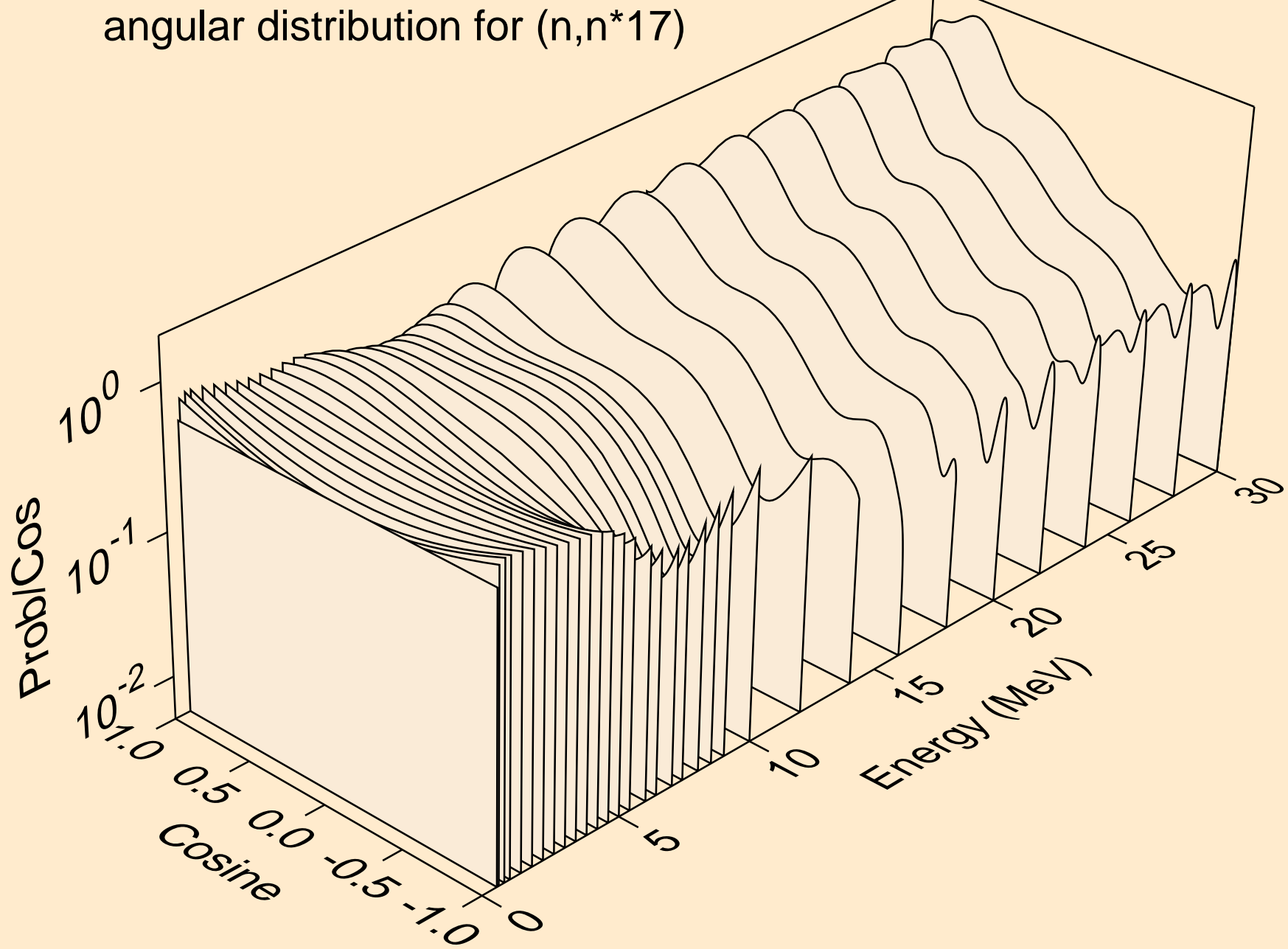


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*16)

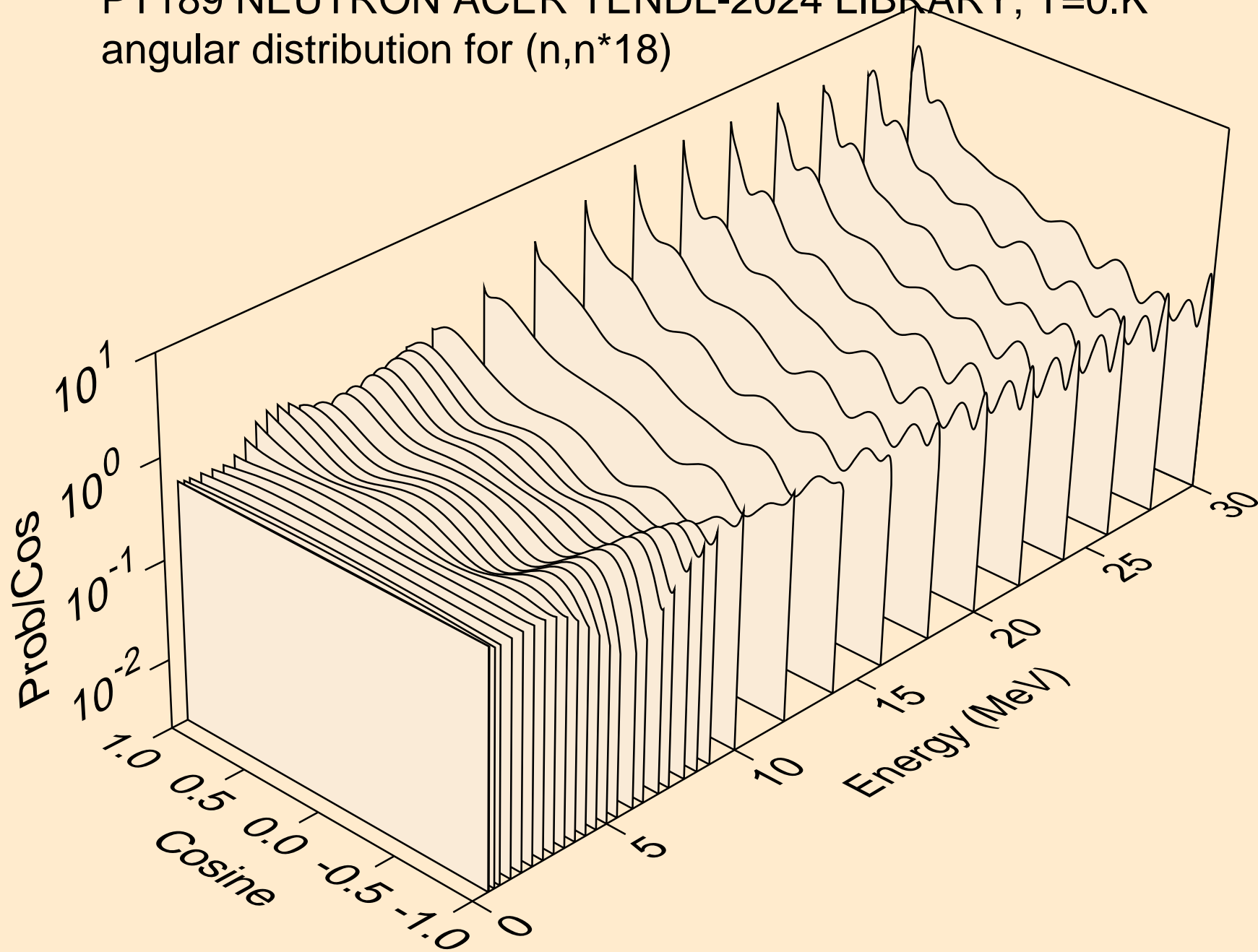




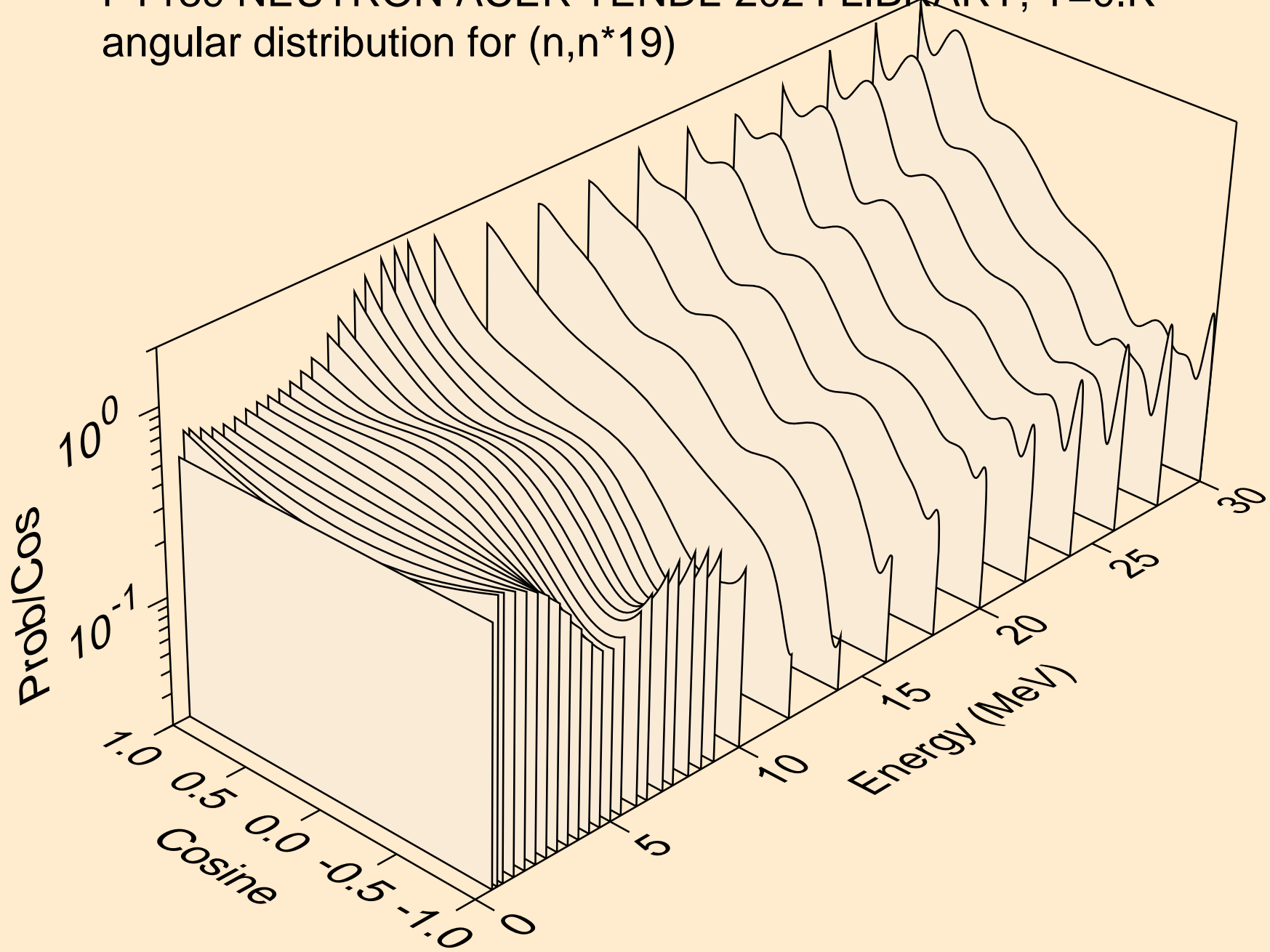
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*17)



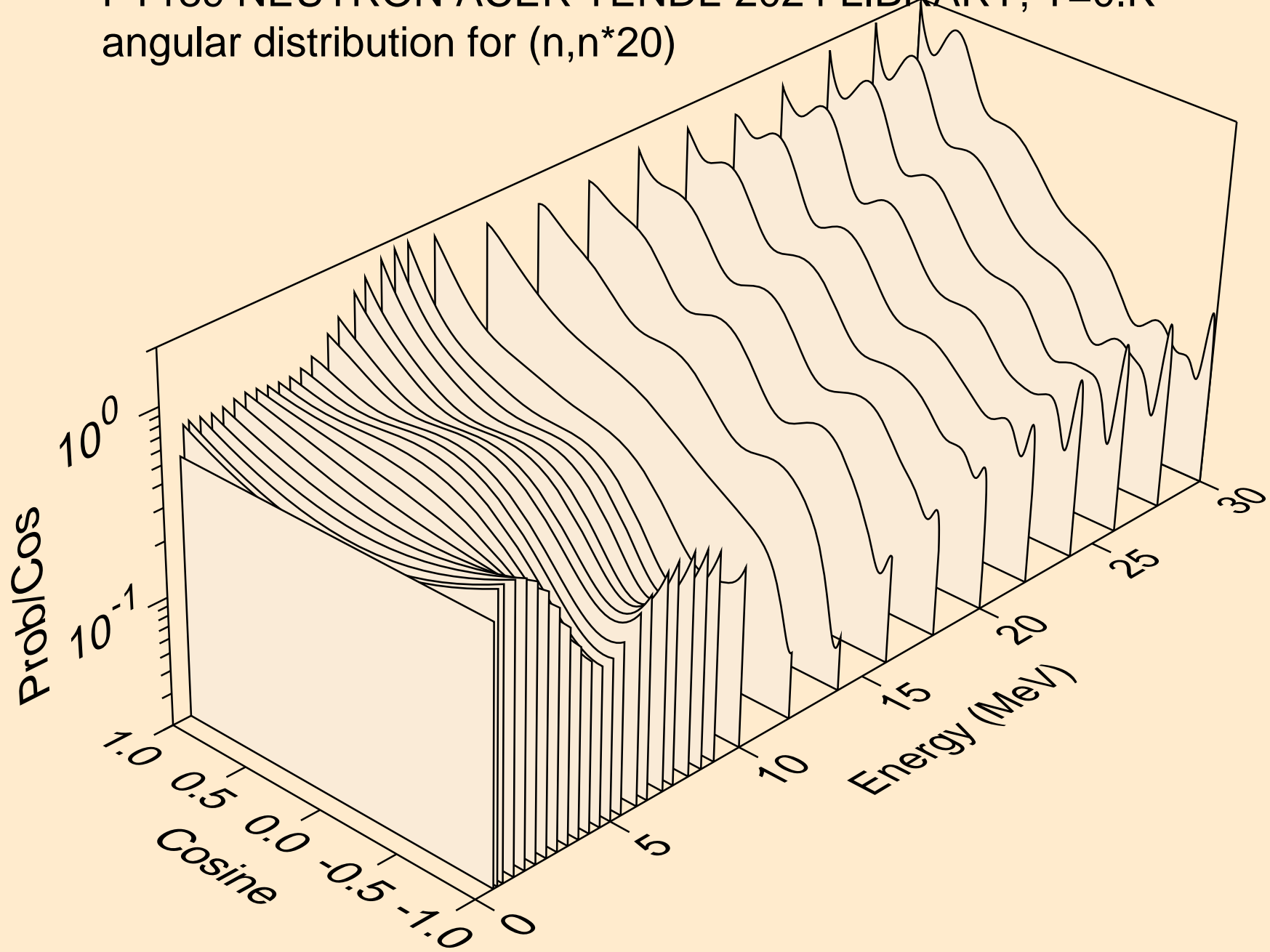
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angular distribution for (n,n\*18)



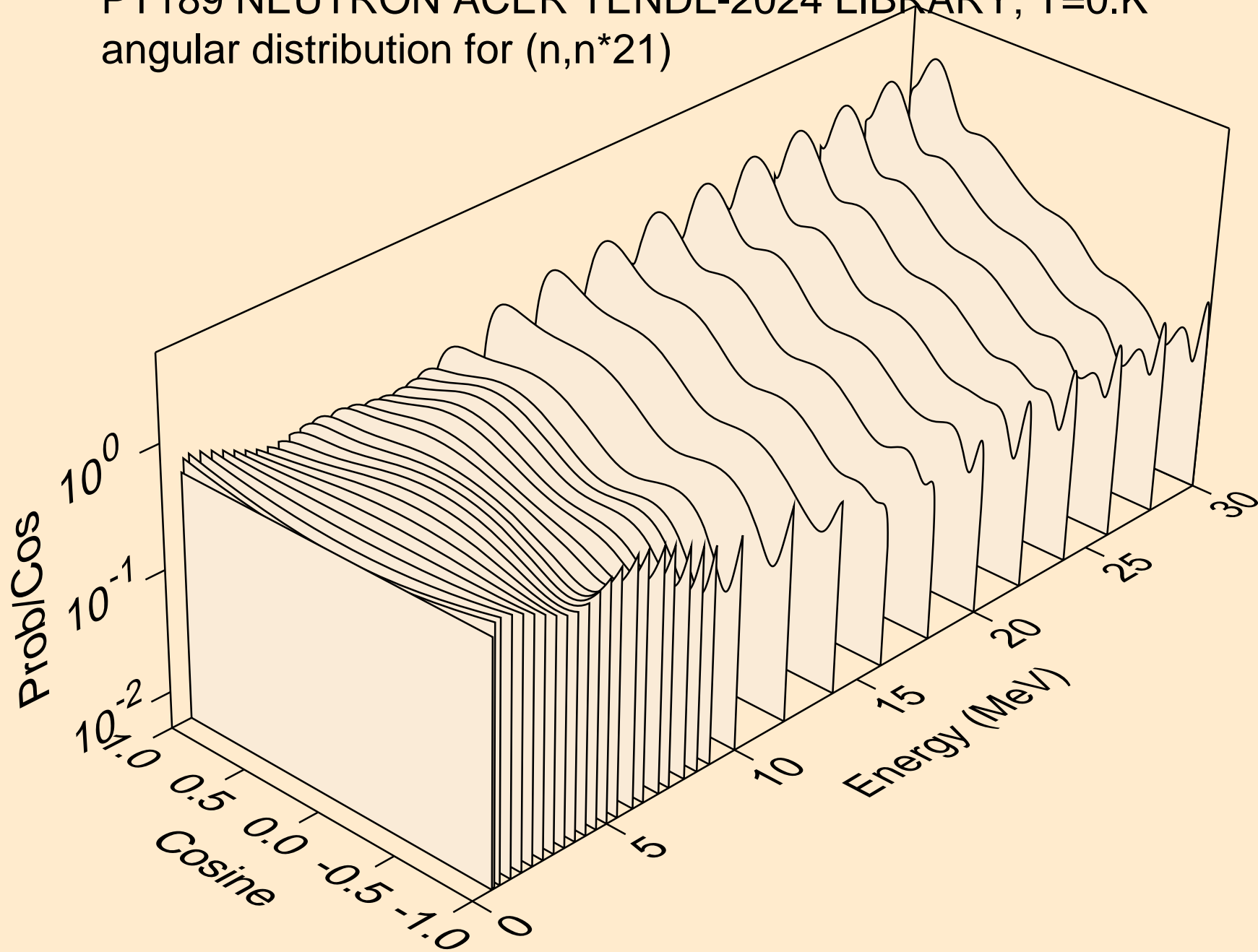
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angular distribution for (n,n\*19)



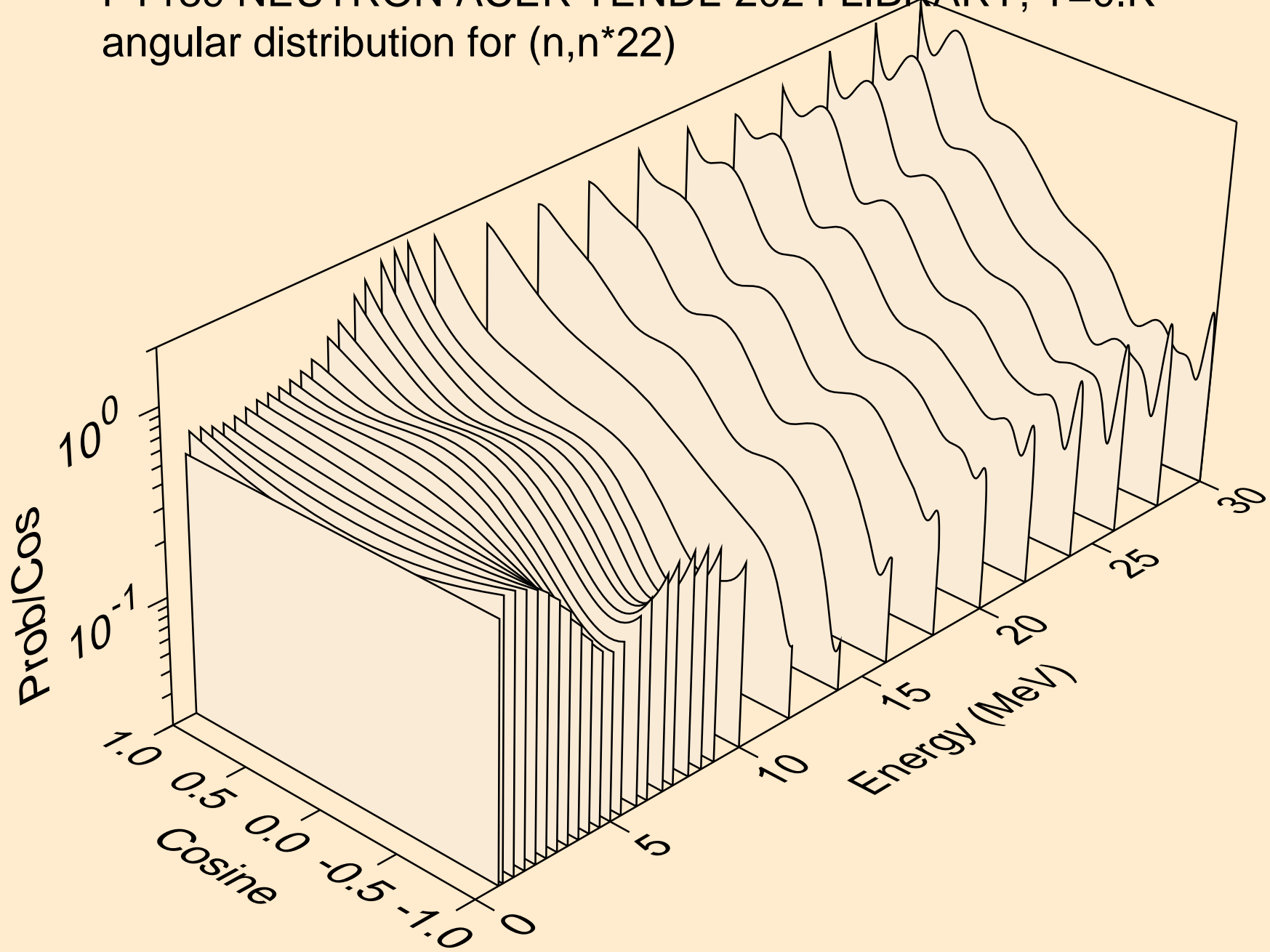
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angular distribution for (n,n\*20)



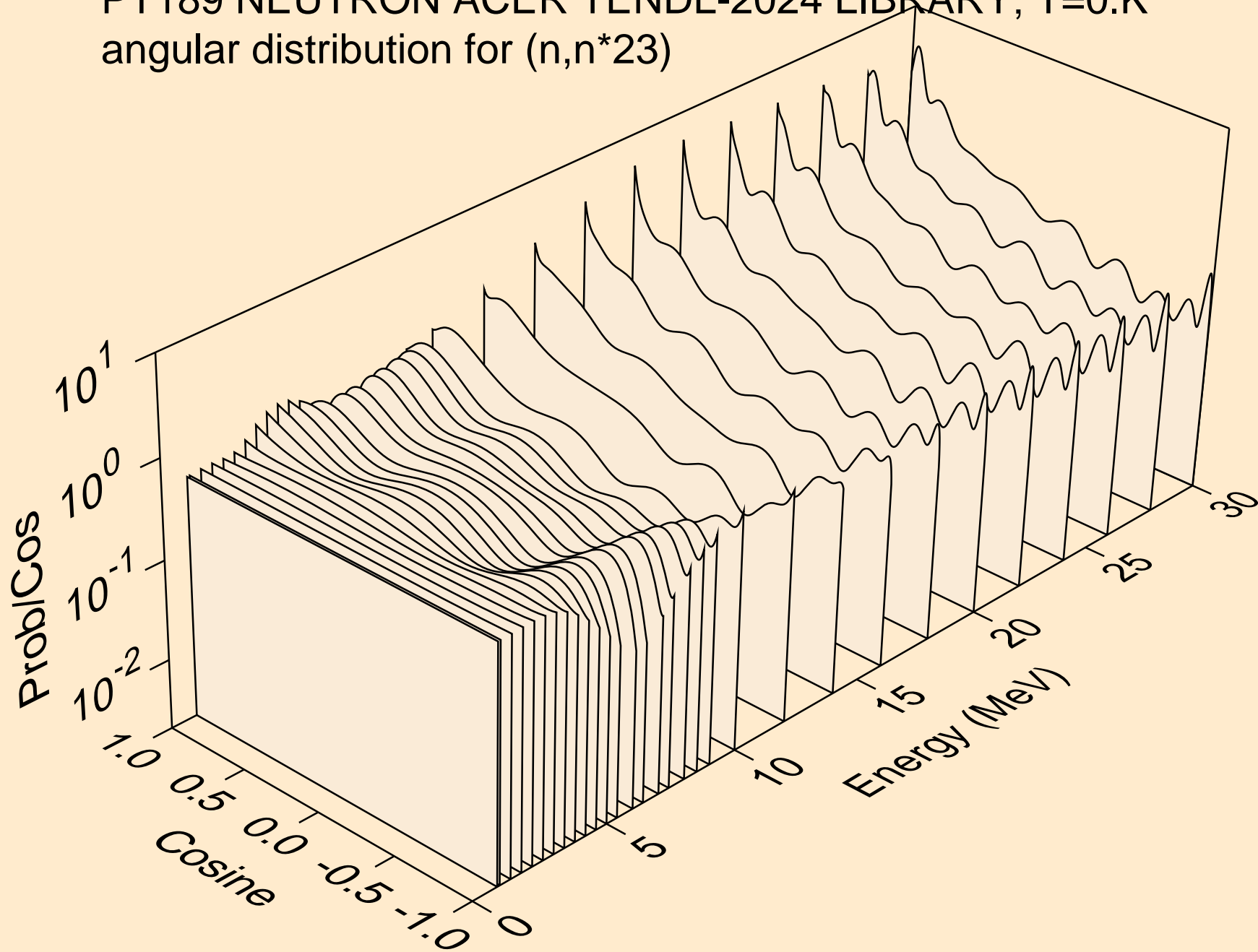
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angular distribution for (n,n\*21)



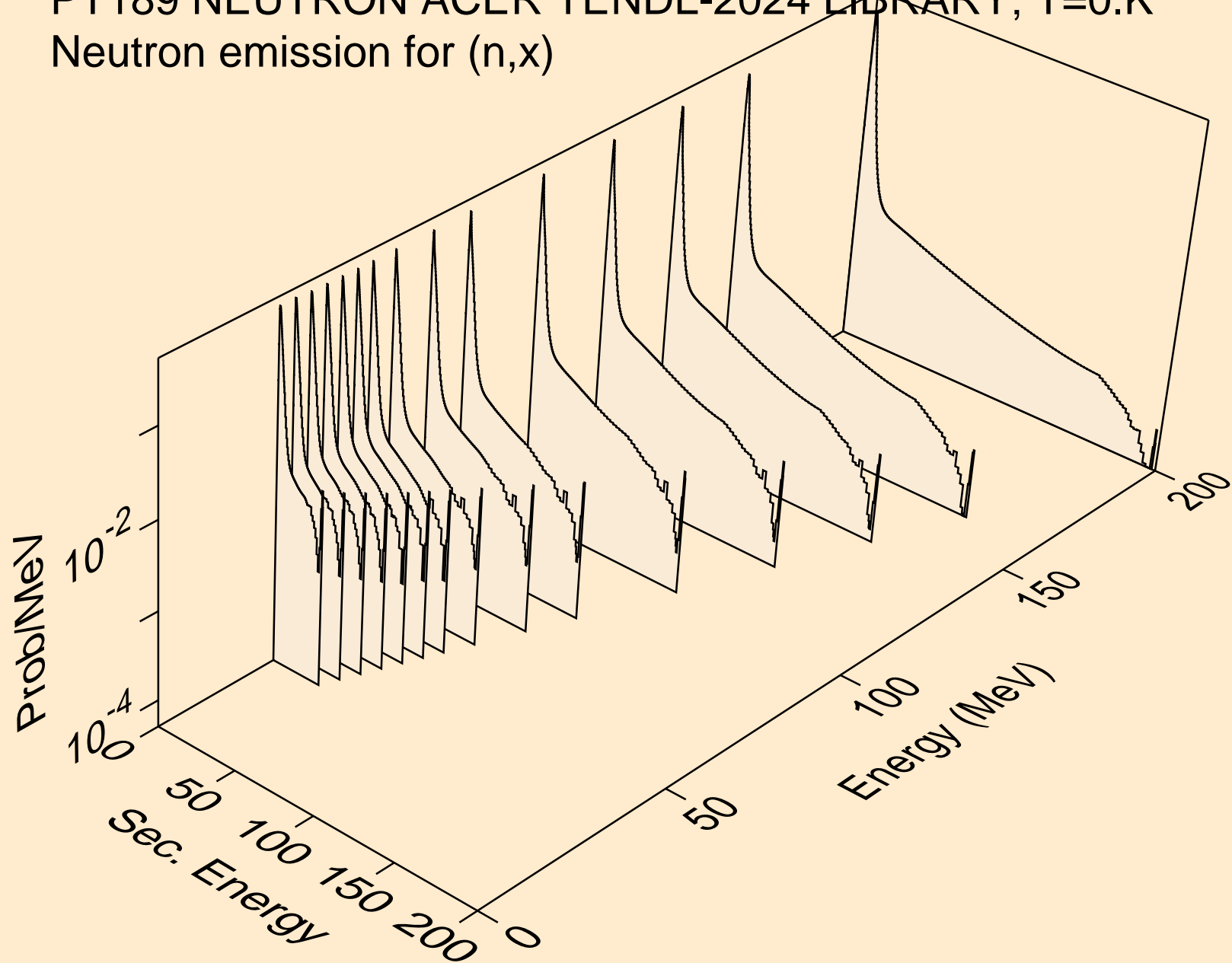
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*22)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for (n,n\*23)

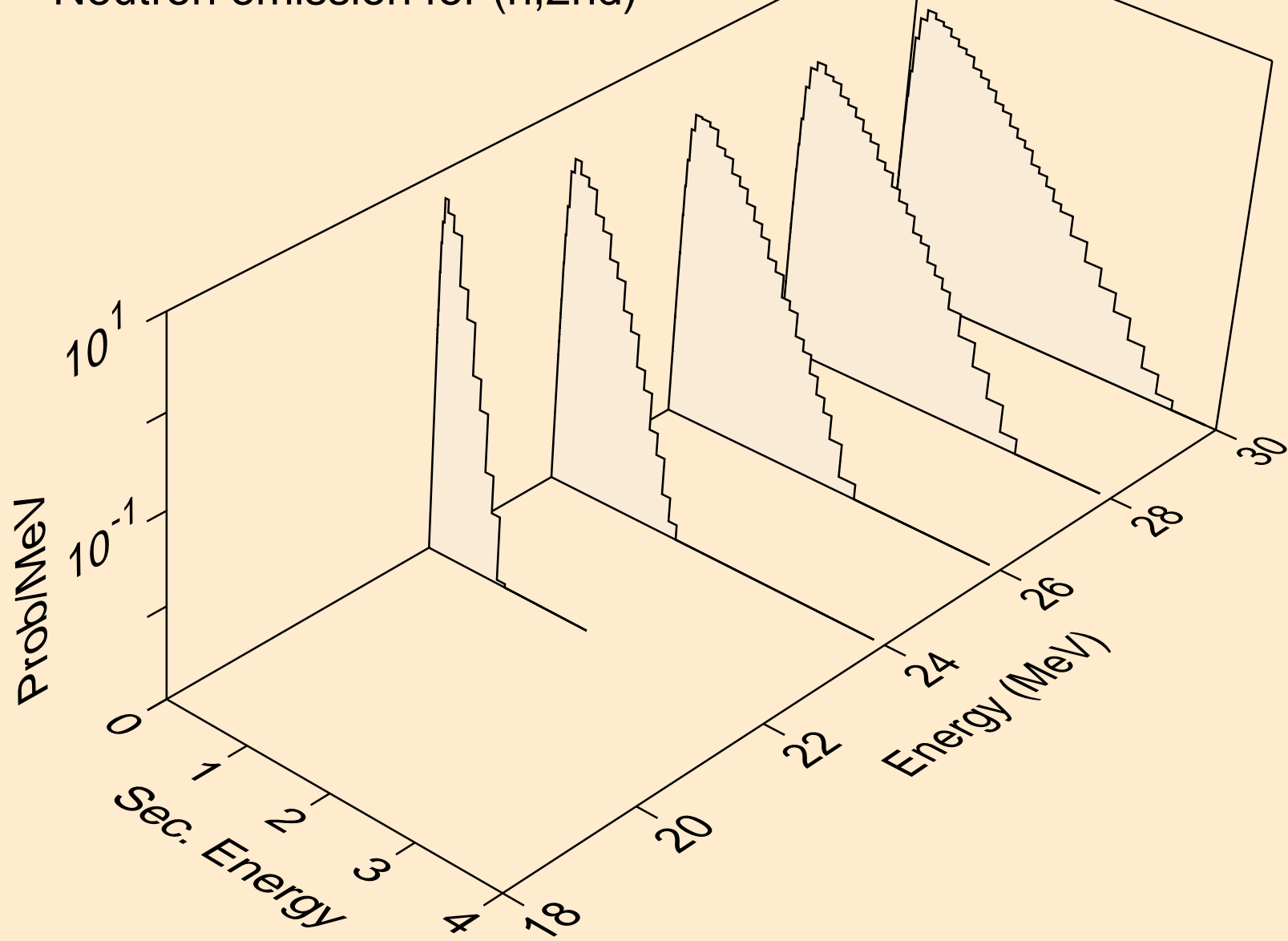


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,x)

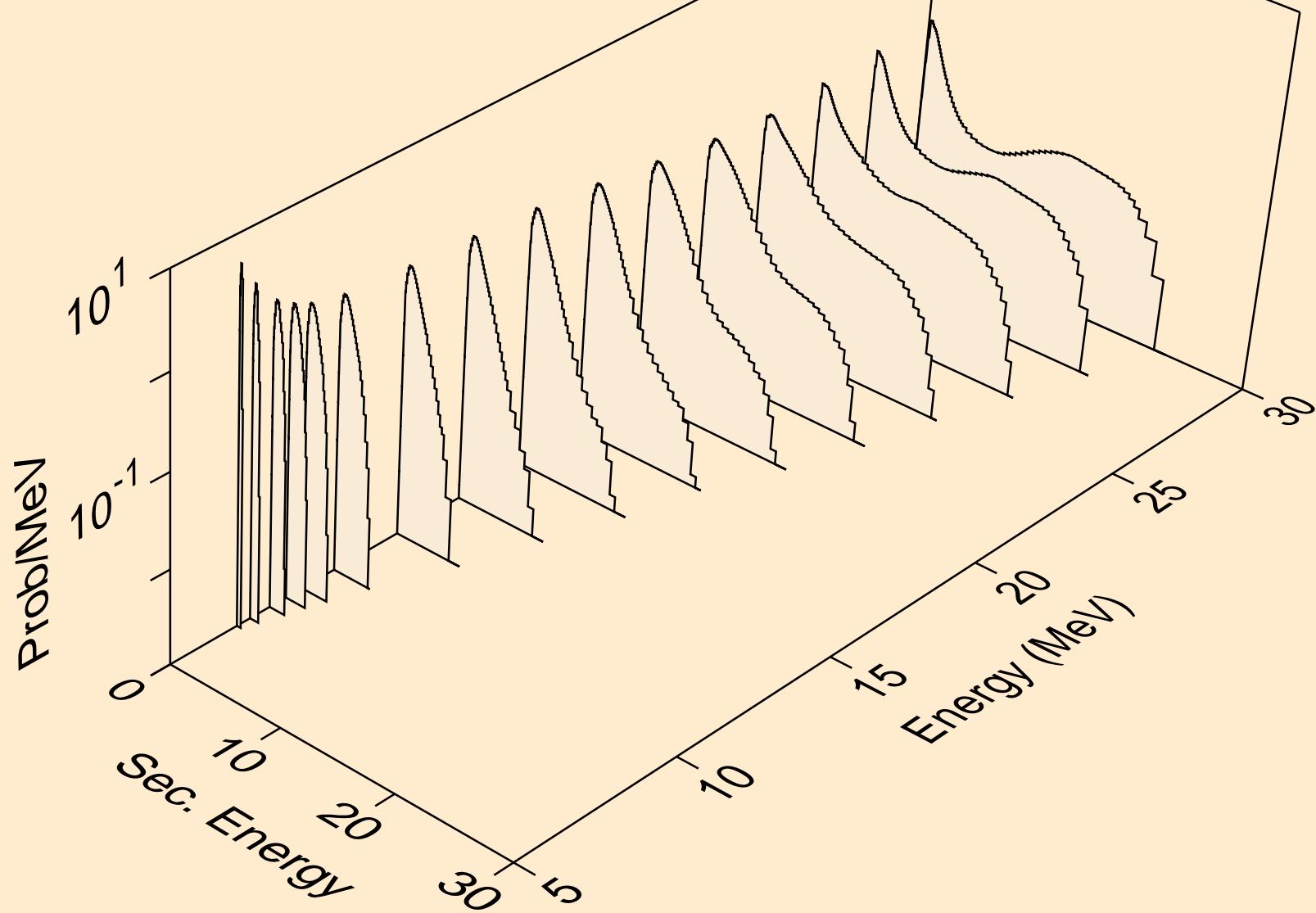




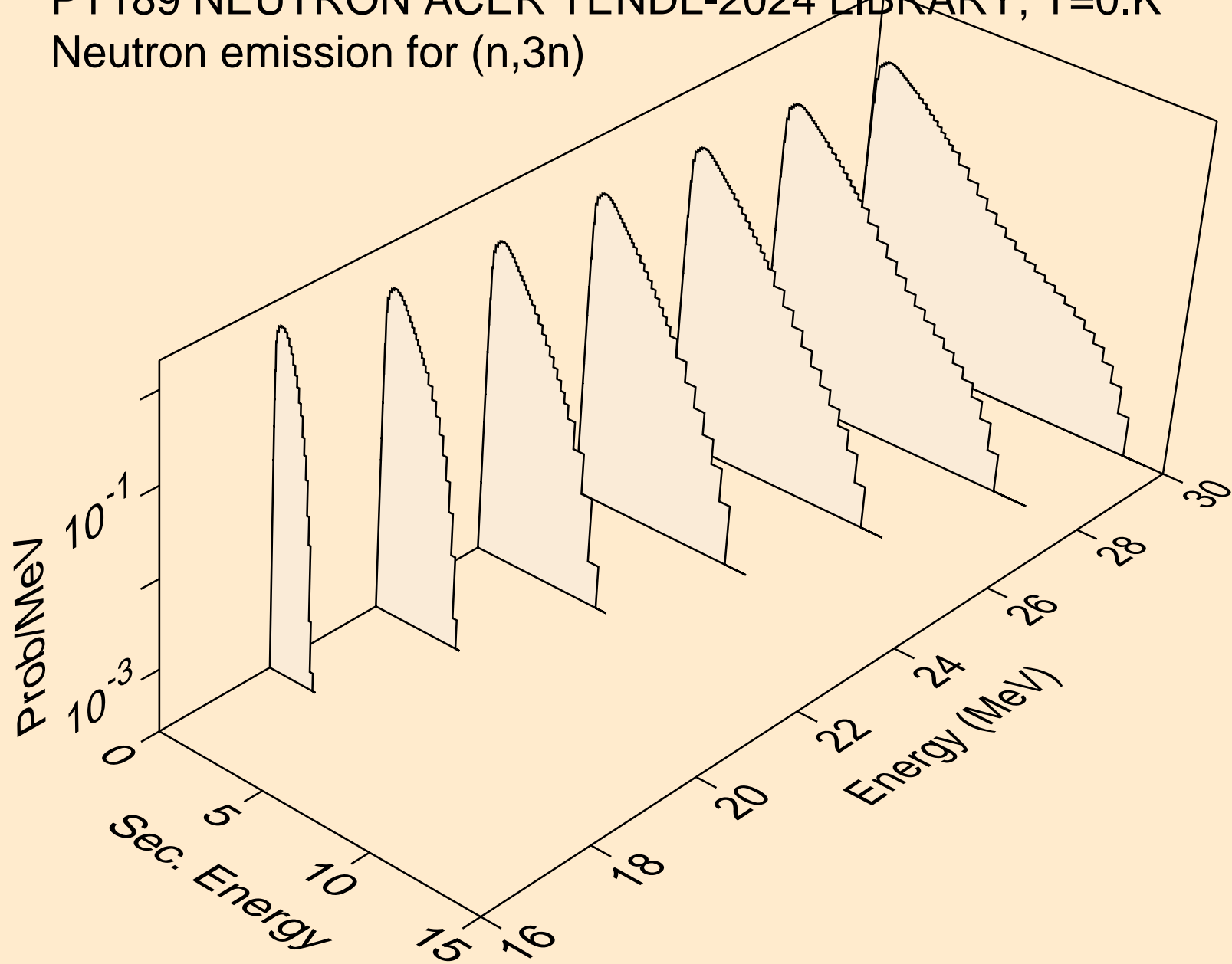
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2nd)



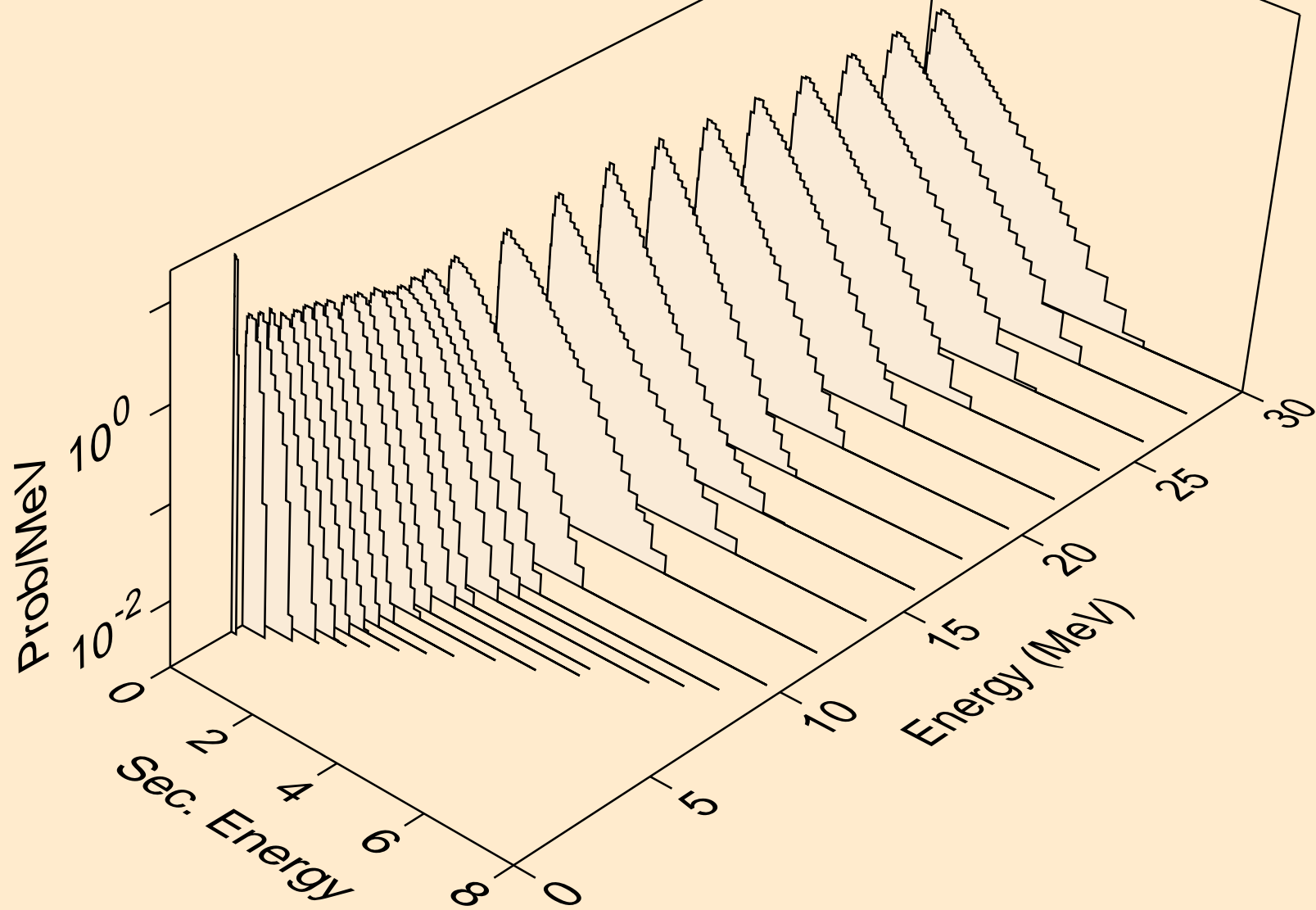
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)



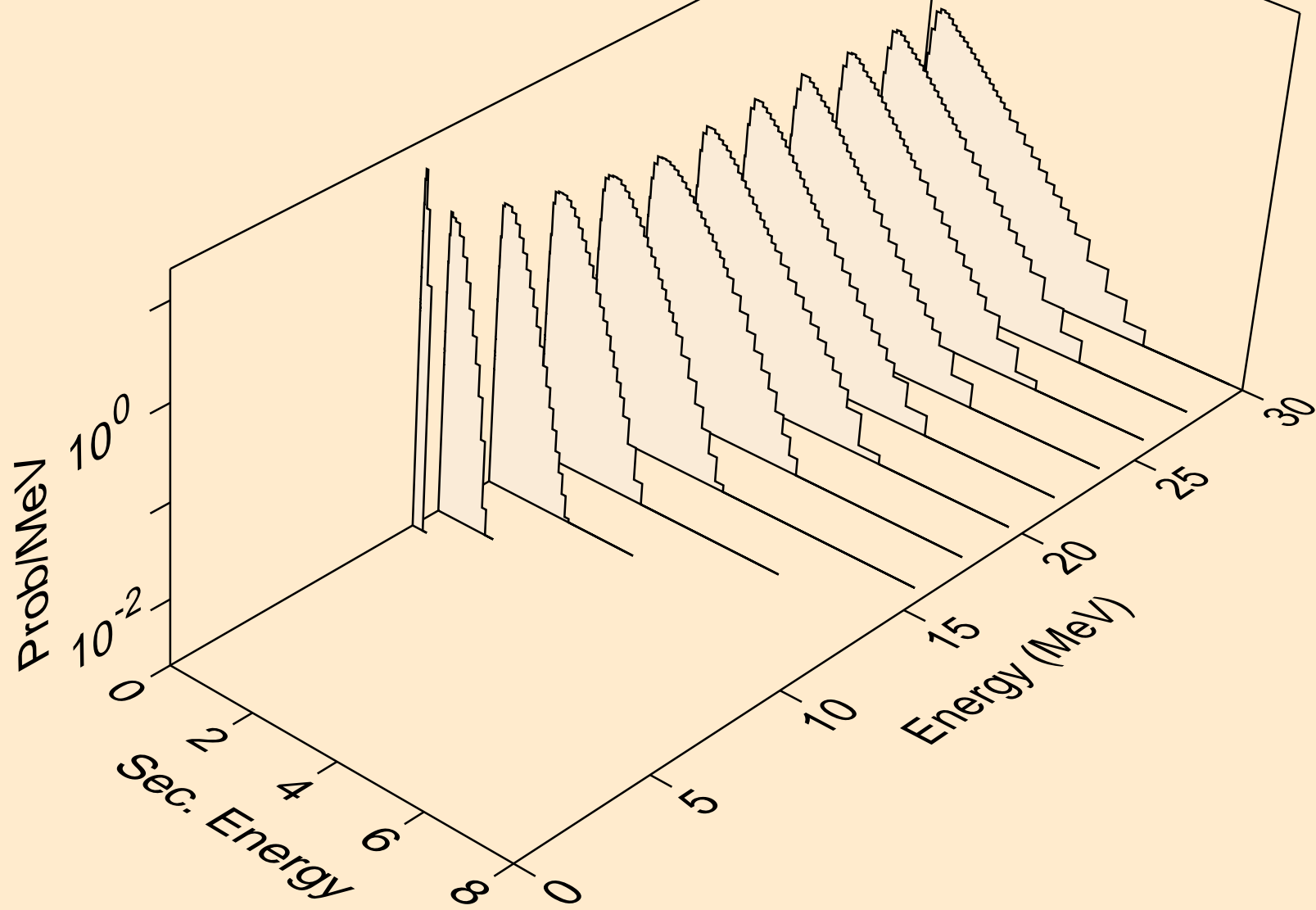
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)



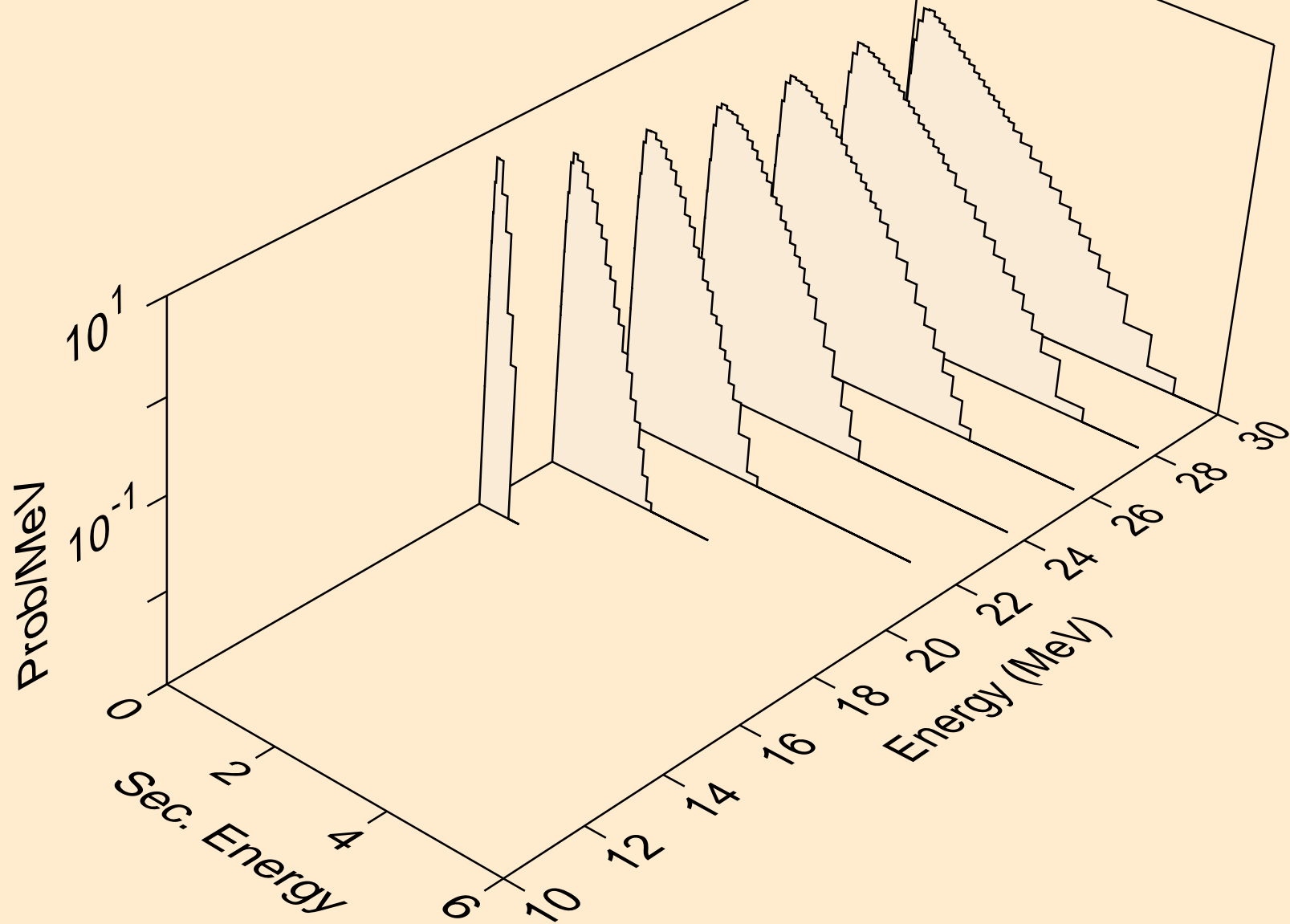
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)a



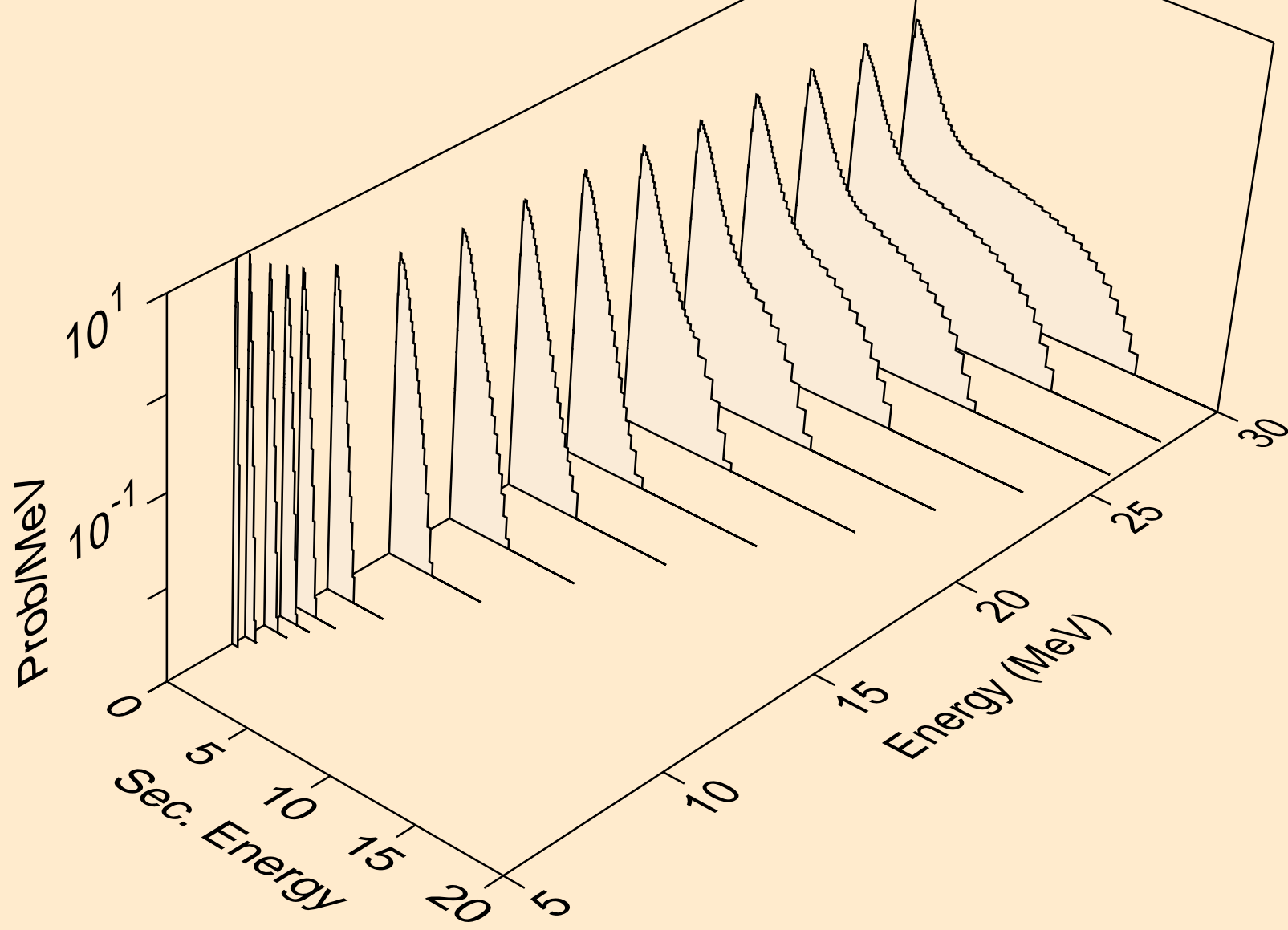
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2n)a



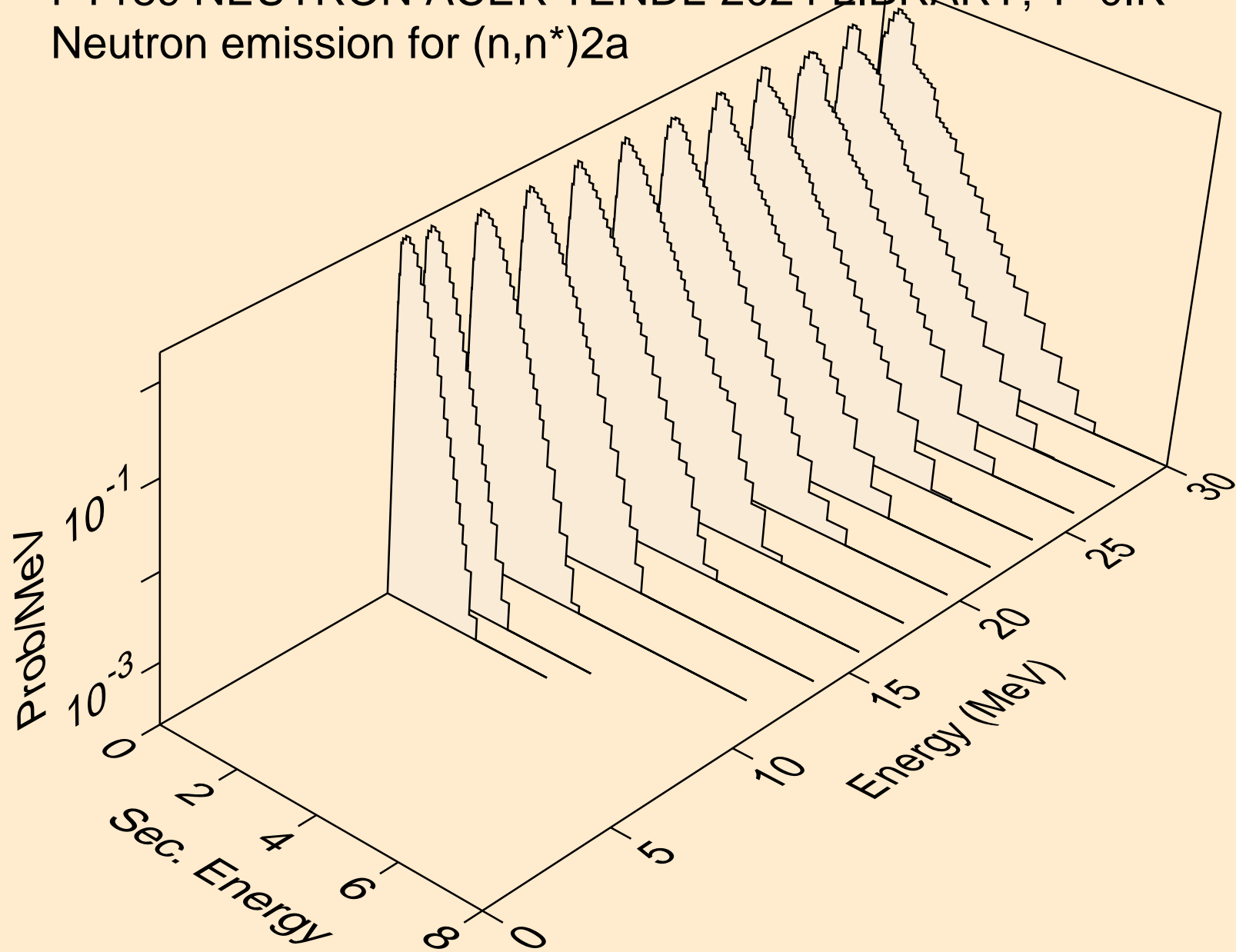
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3n)a



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)p

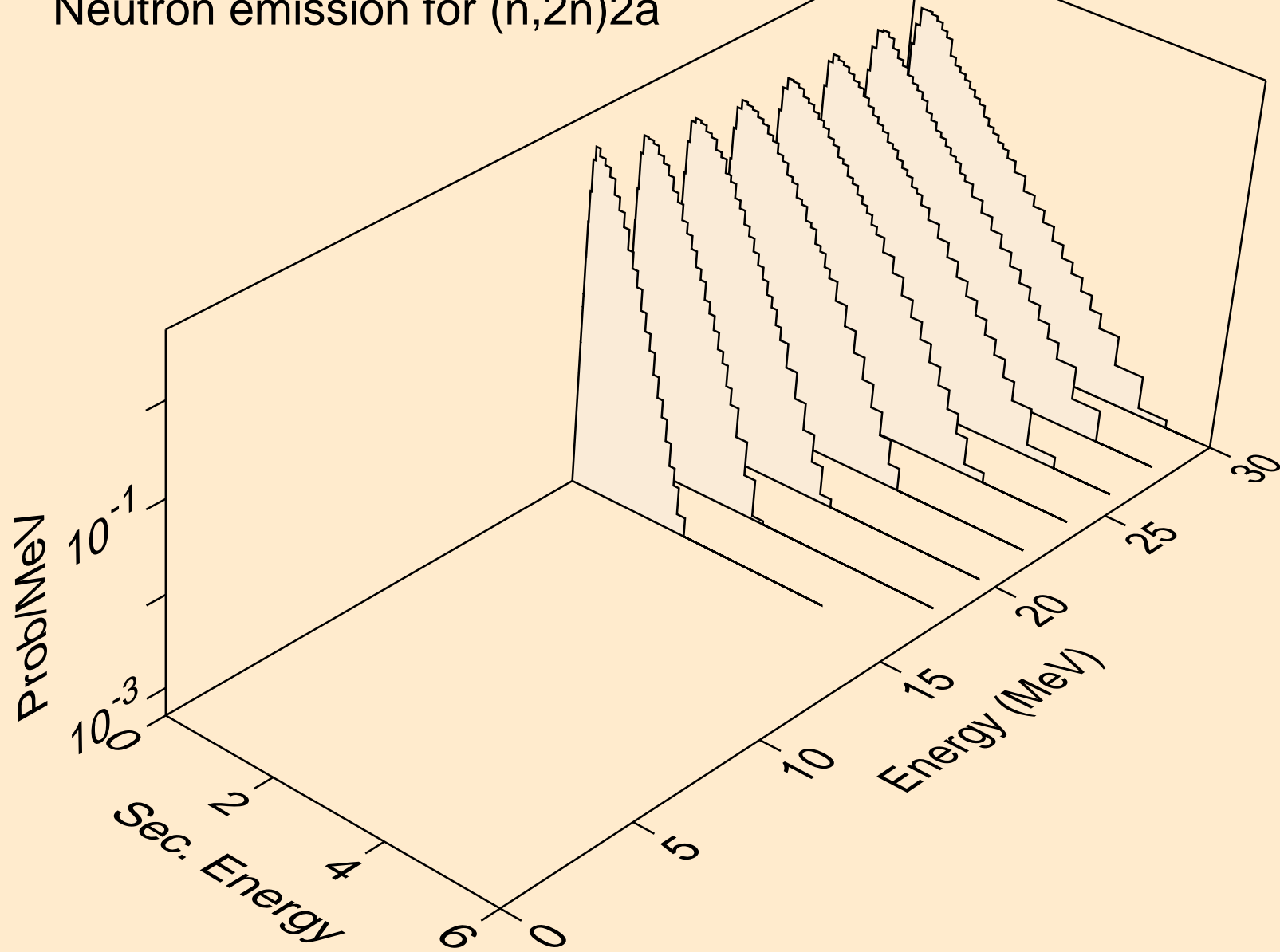


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)2a

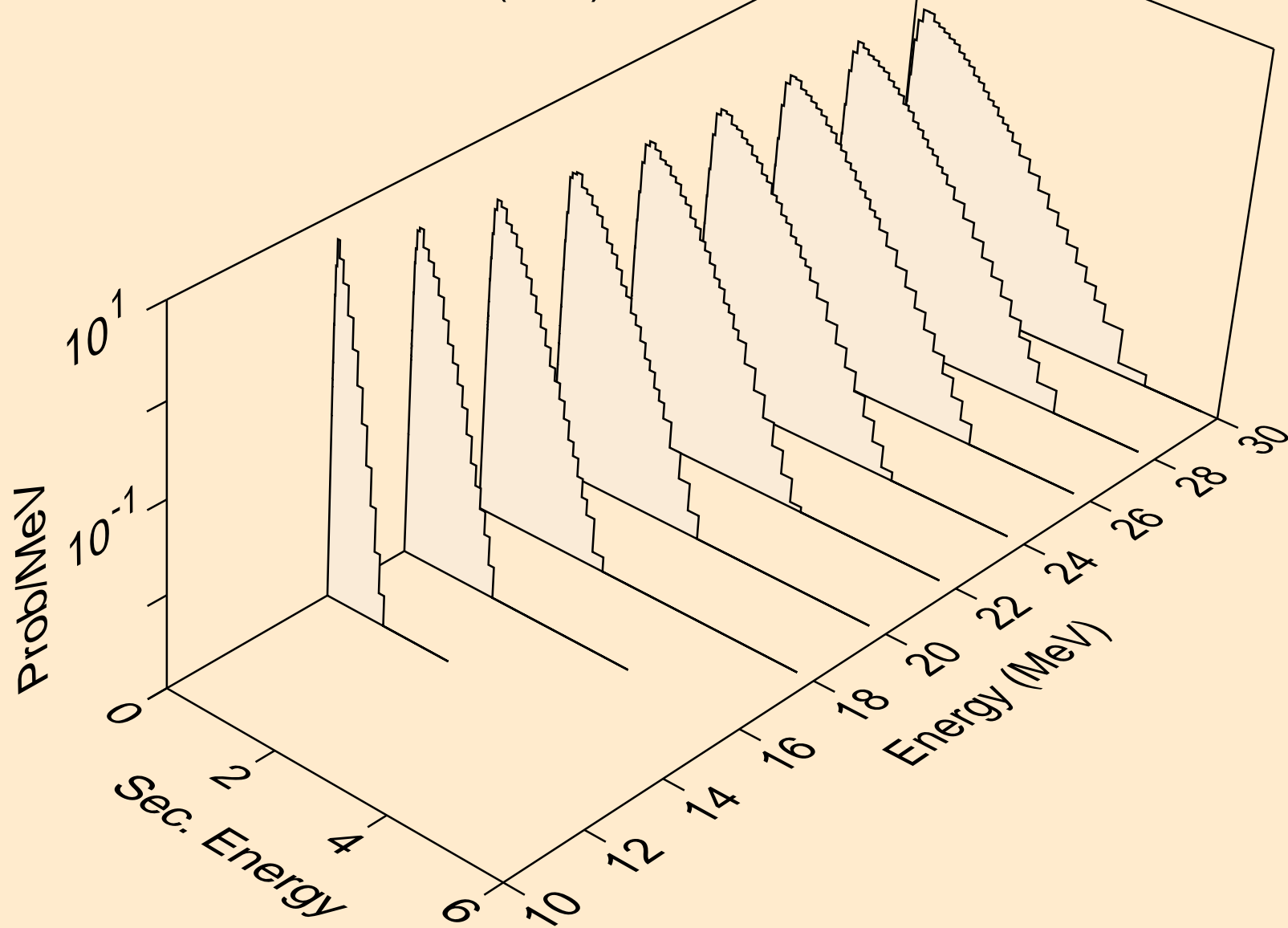




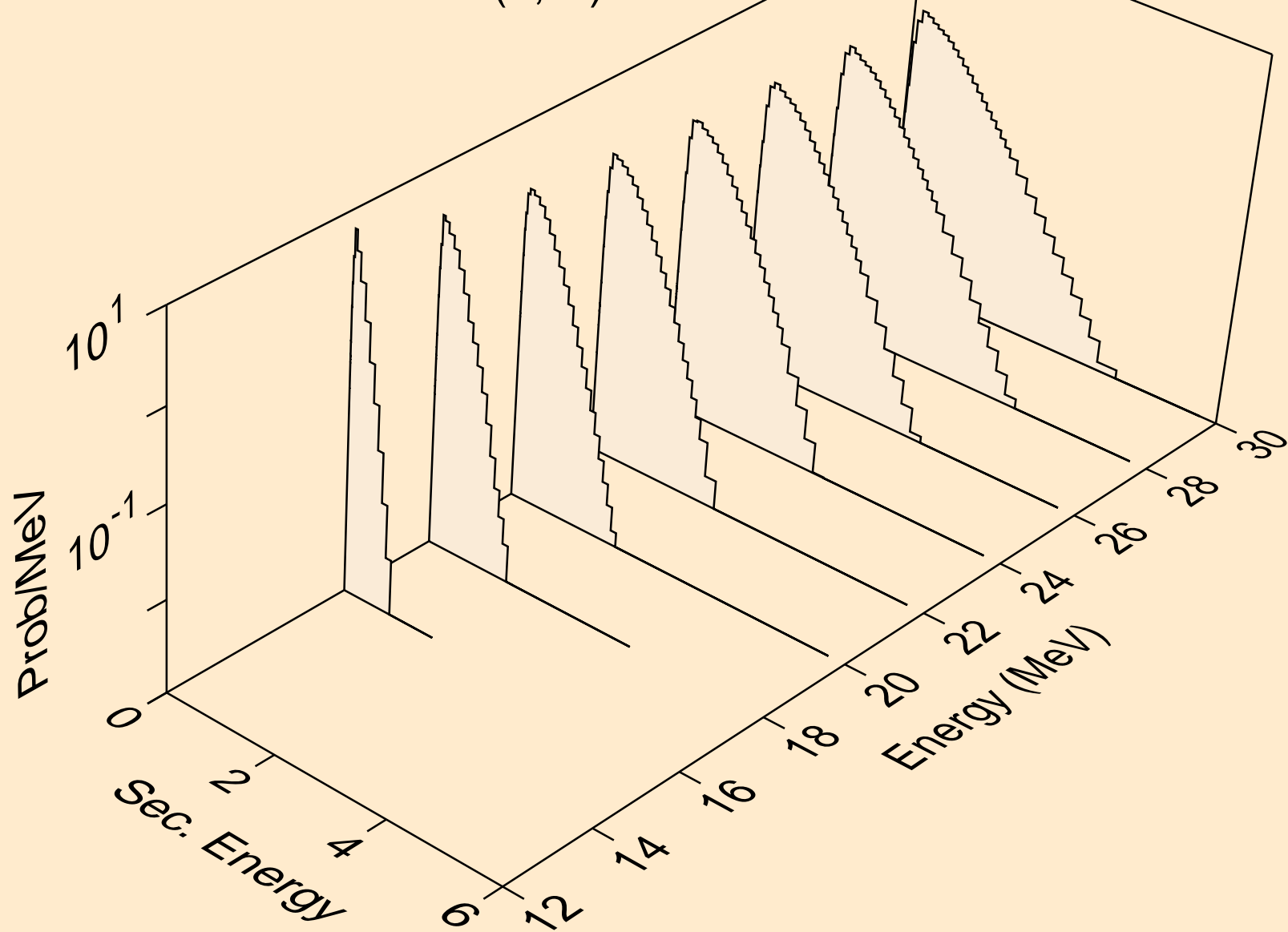
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Neutron emission for (n,2n)2a



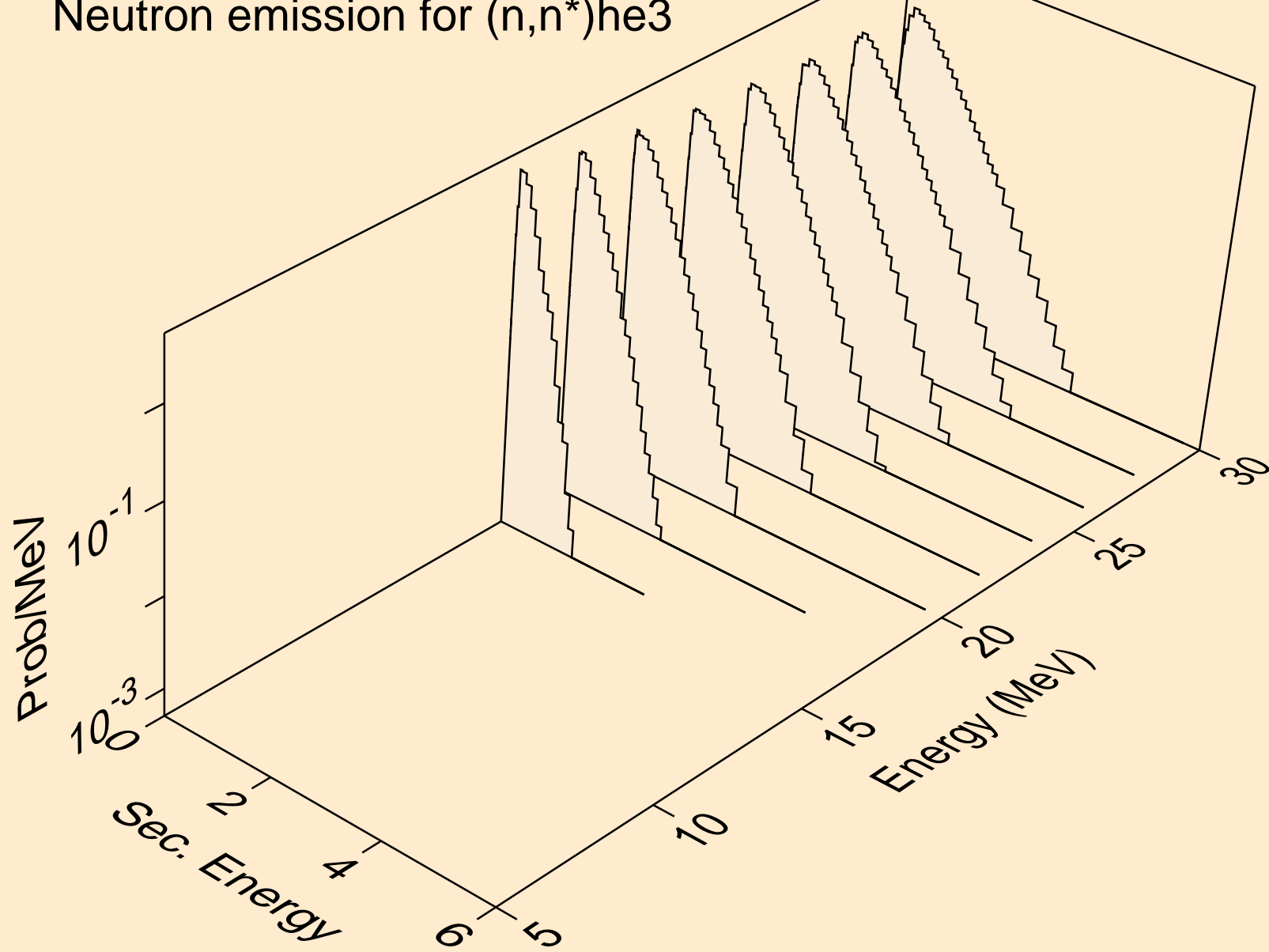
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)d



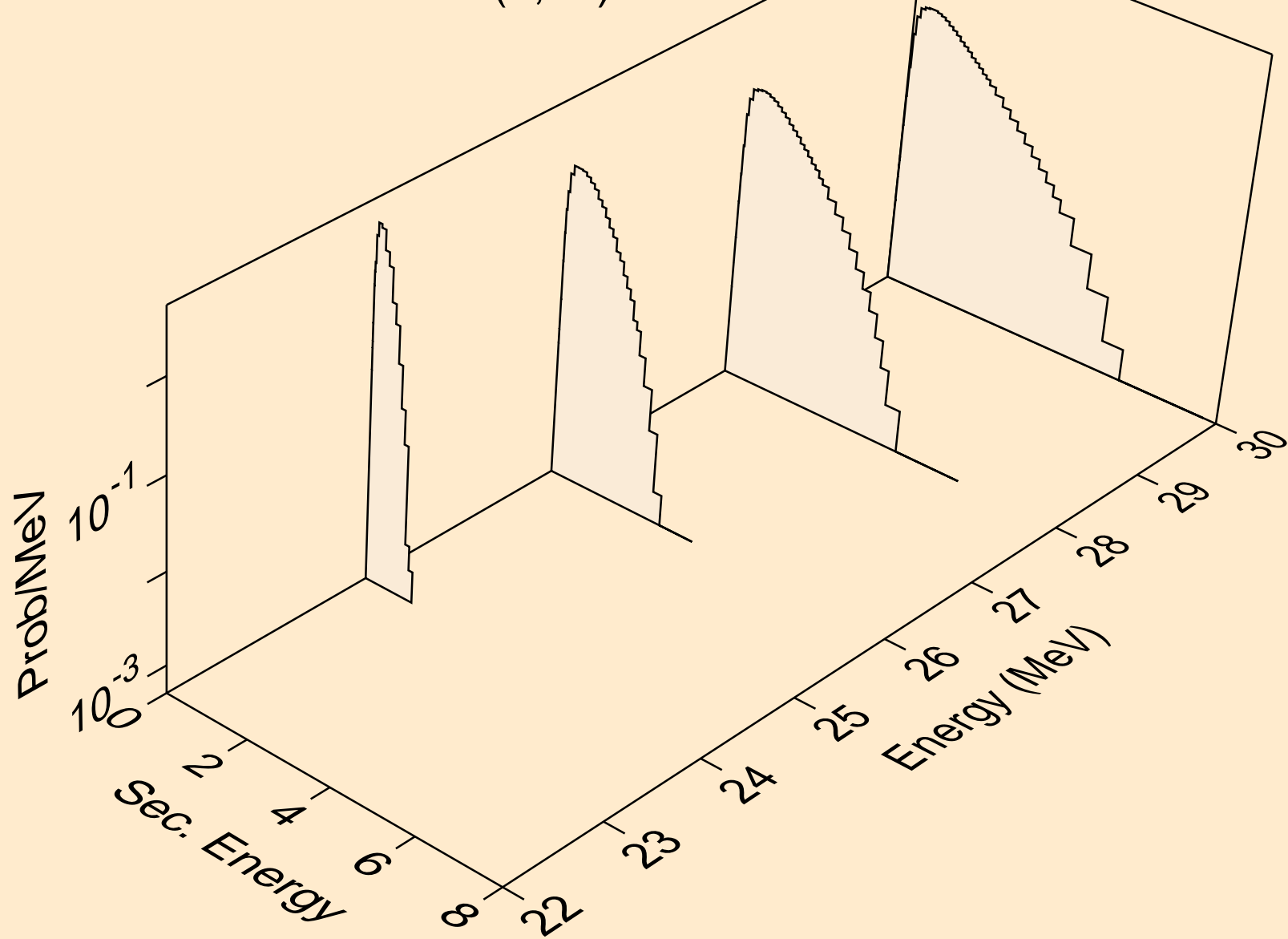
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)t



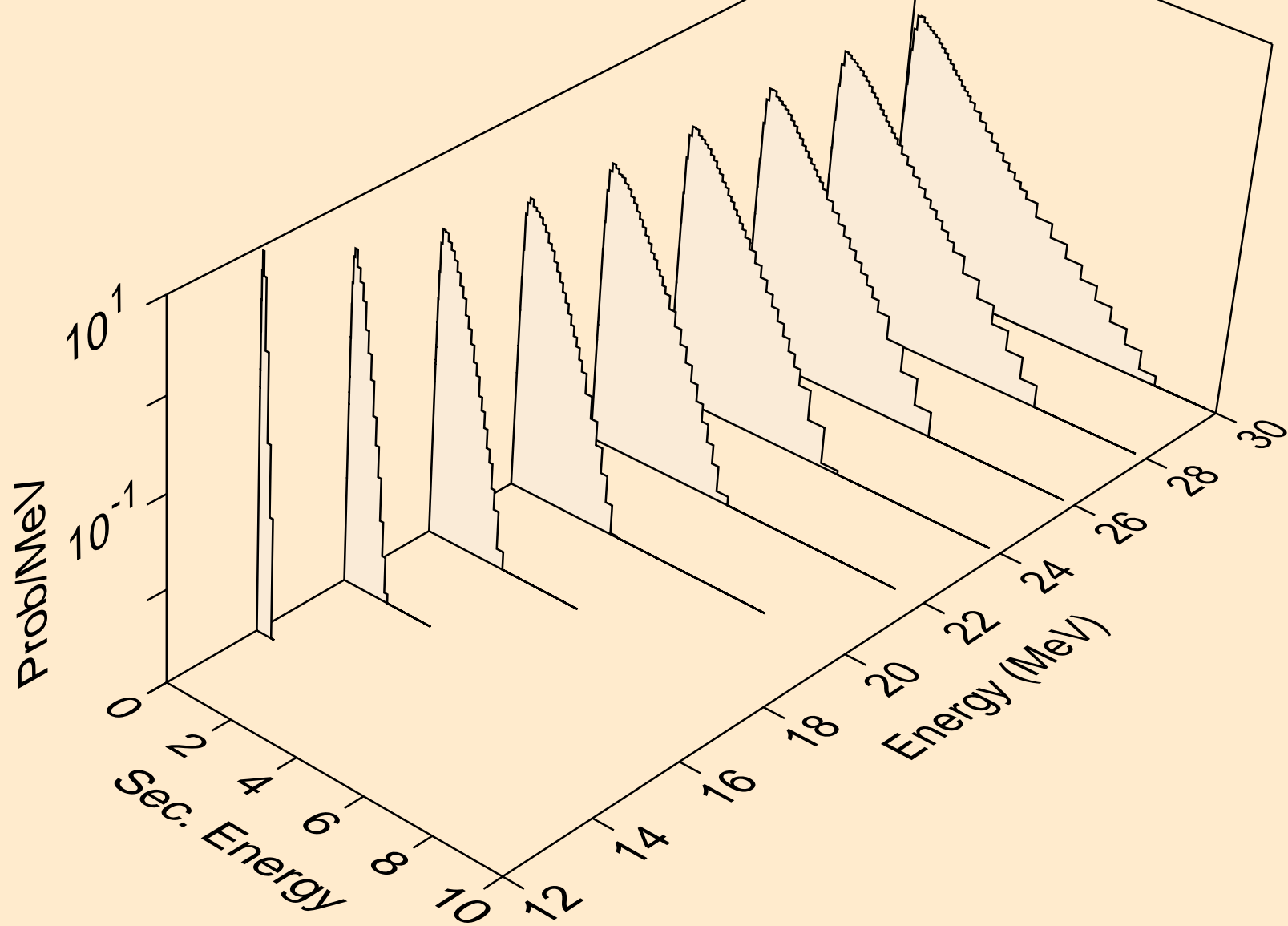
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*)he3



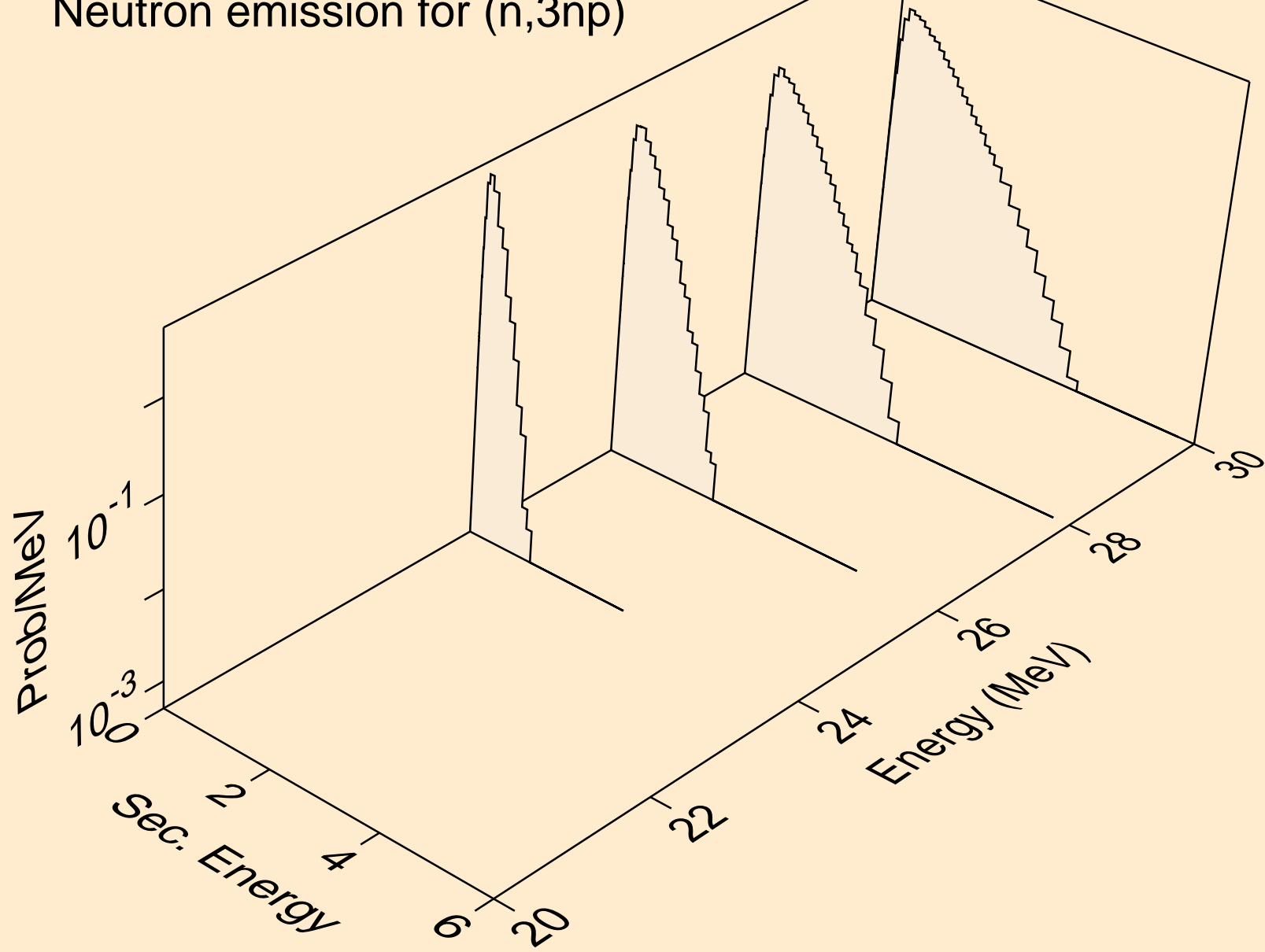
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,4n)



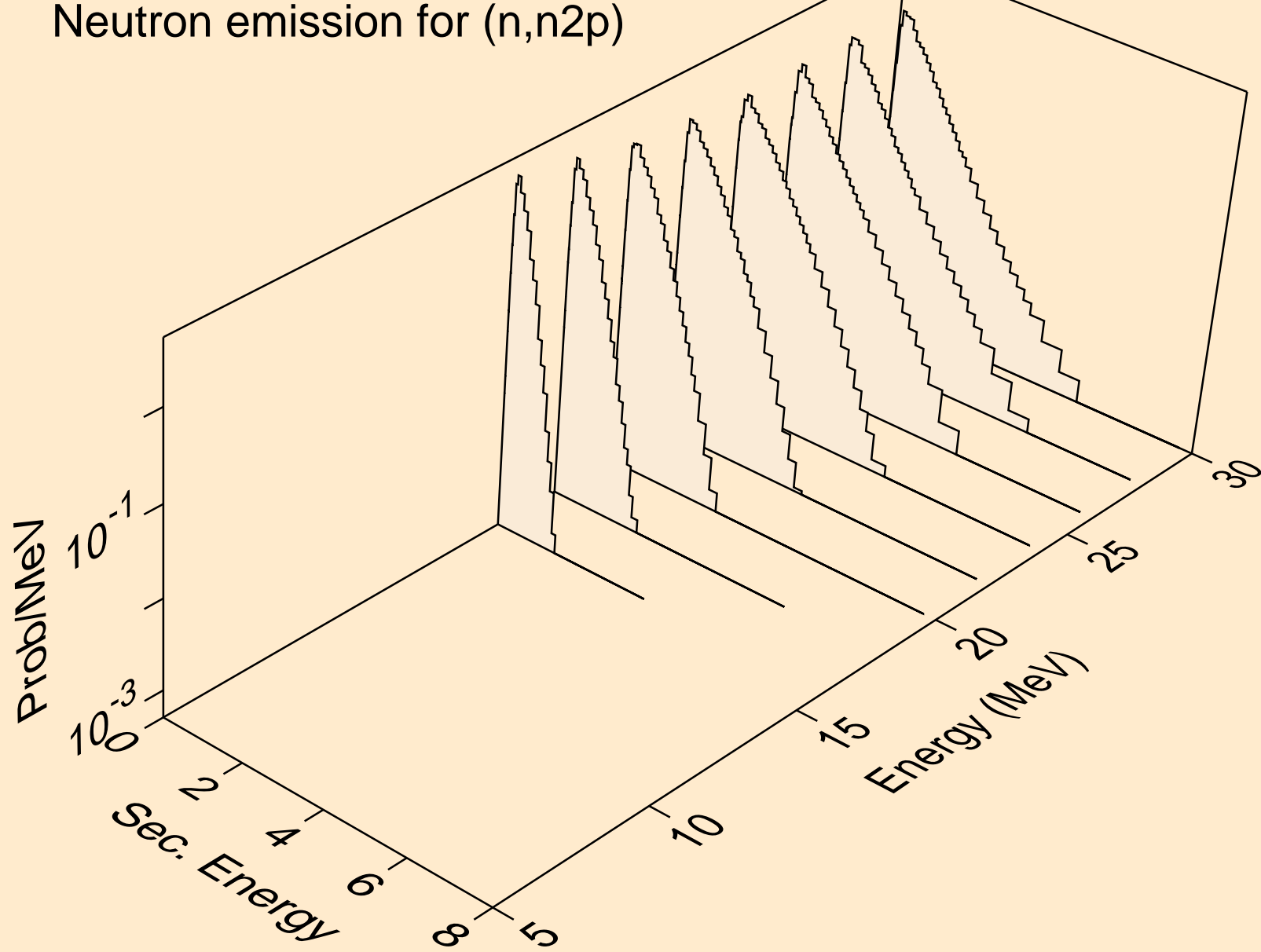
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,2np)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,3np)

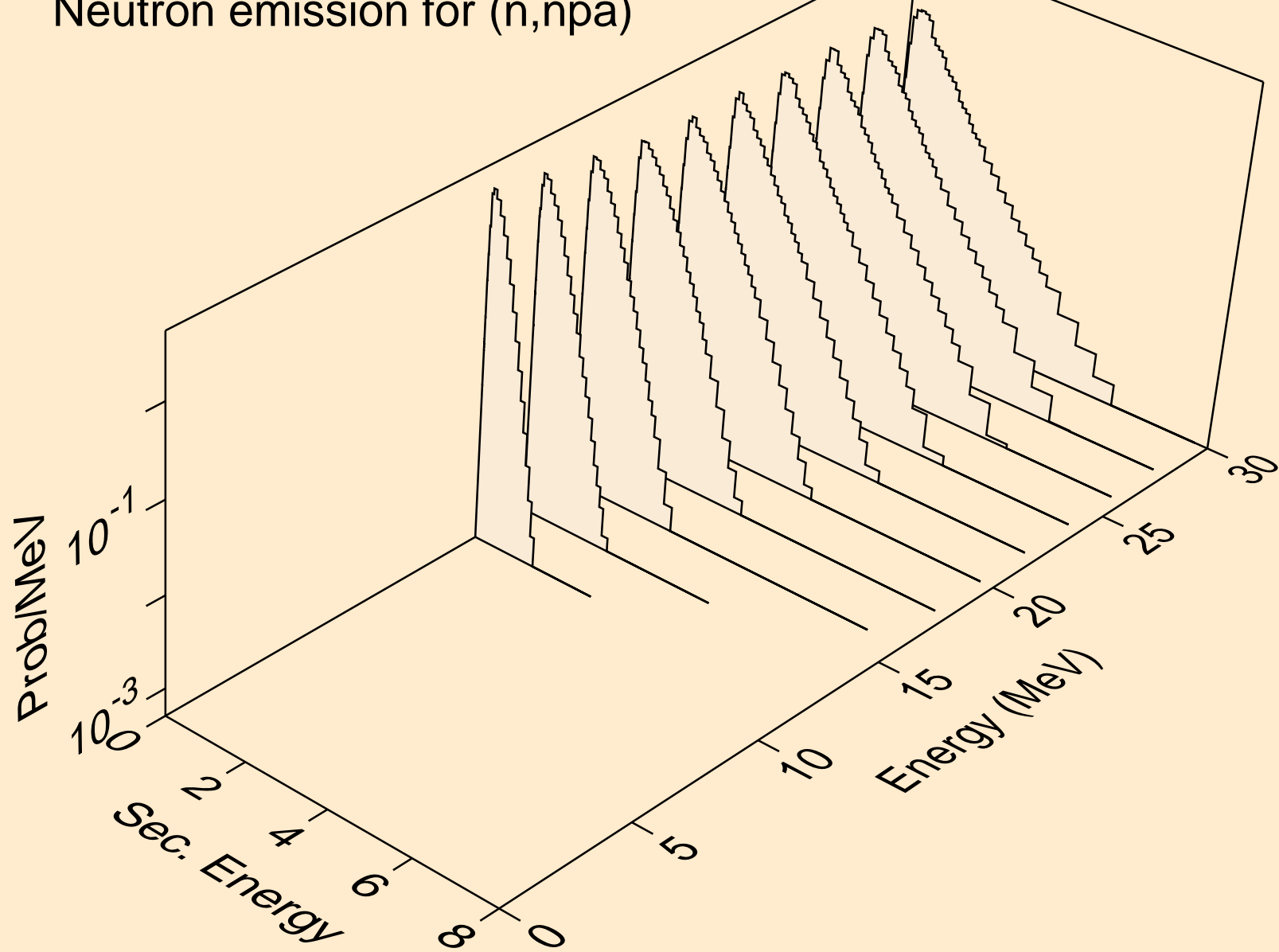


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n2p)

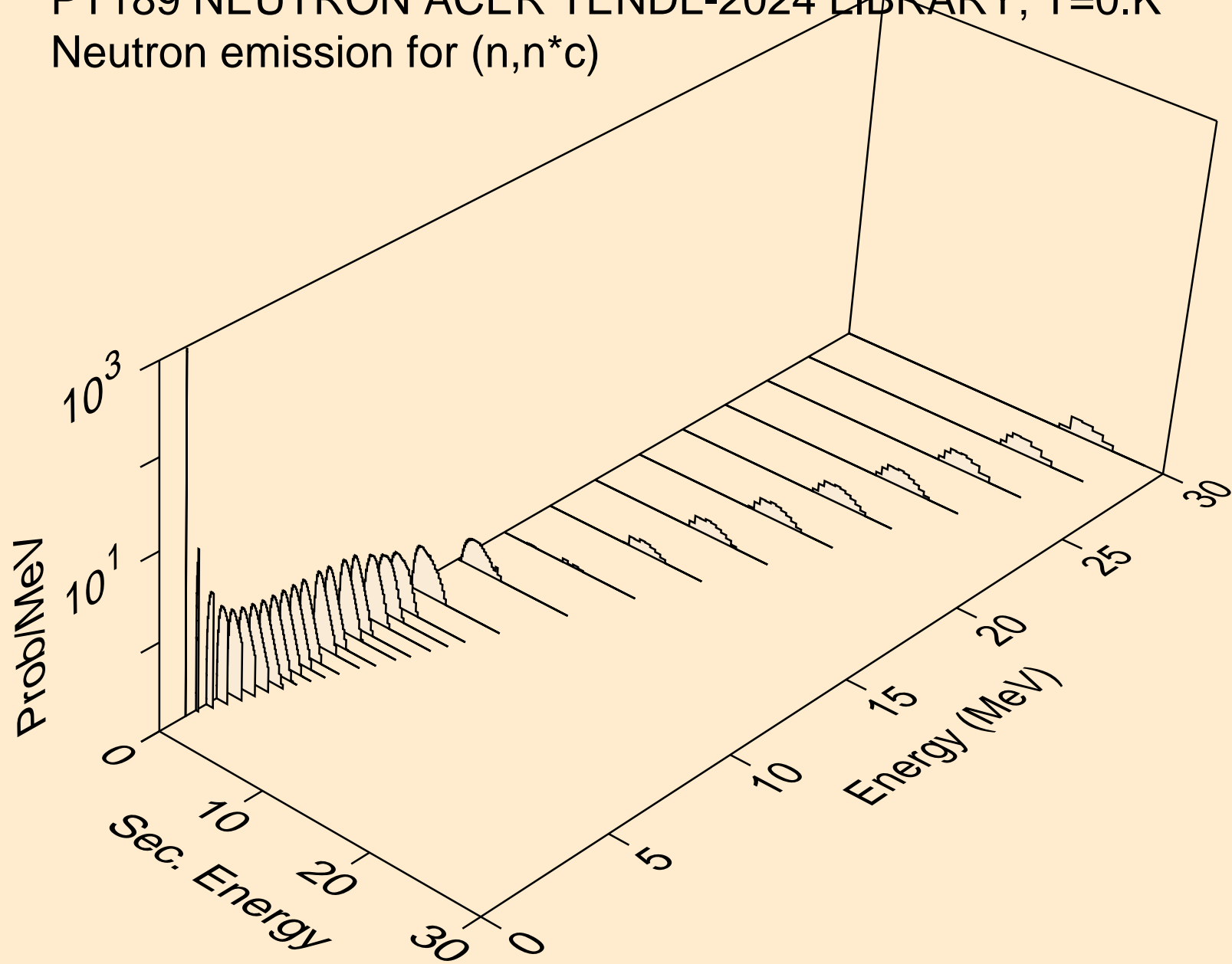




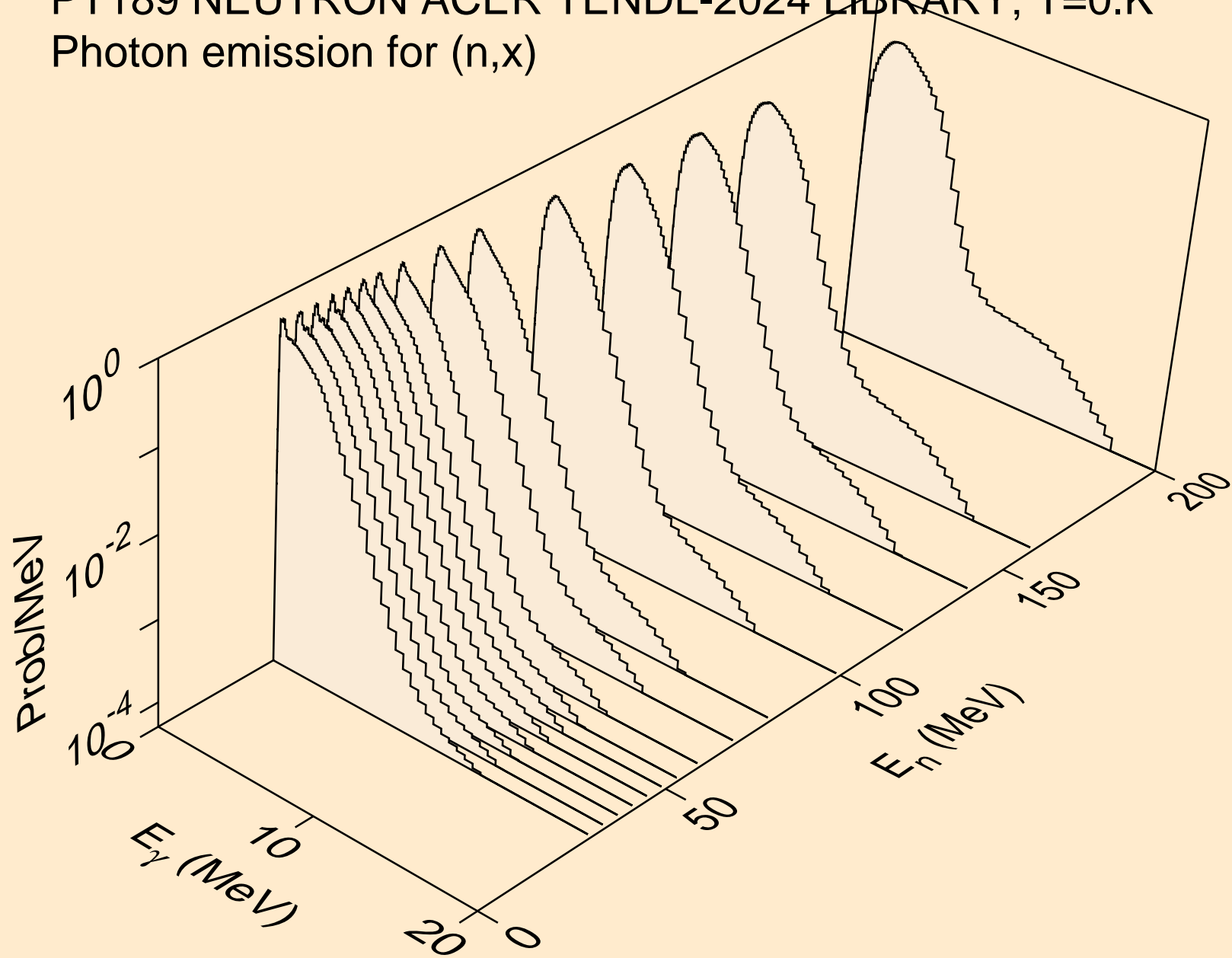
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,npa)



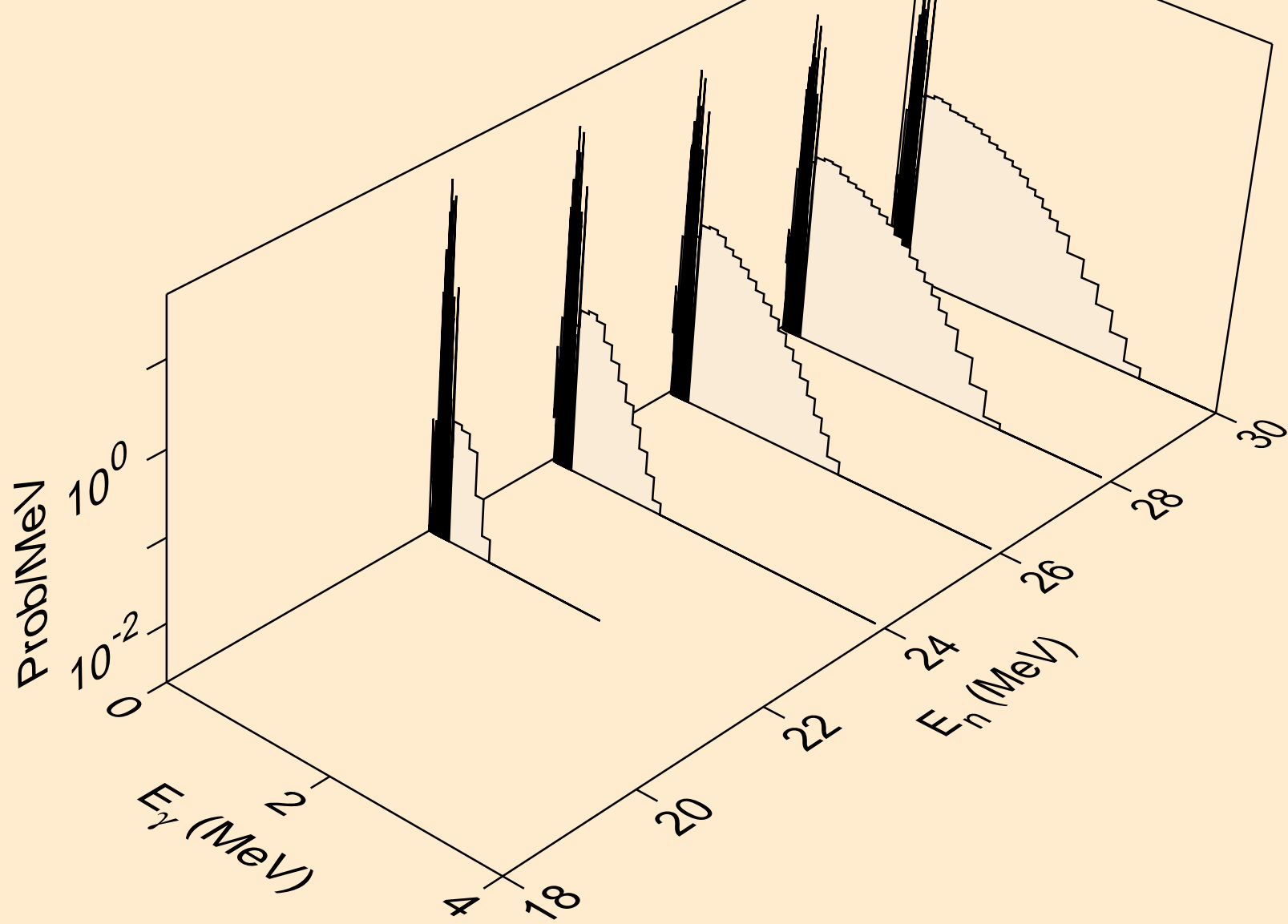
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Neutron emission for (n,n\*c)



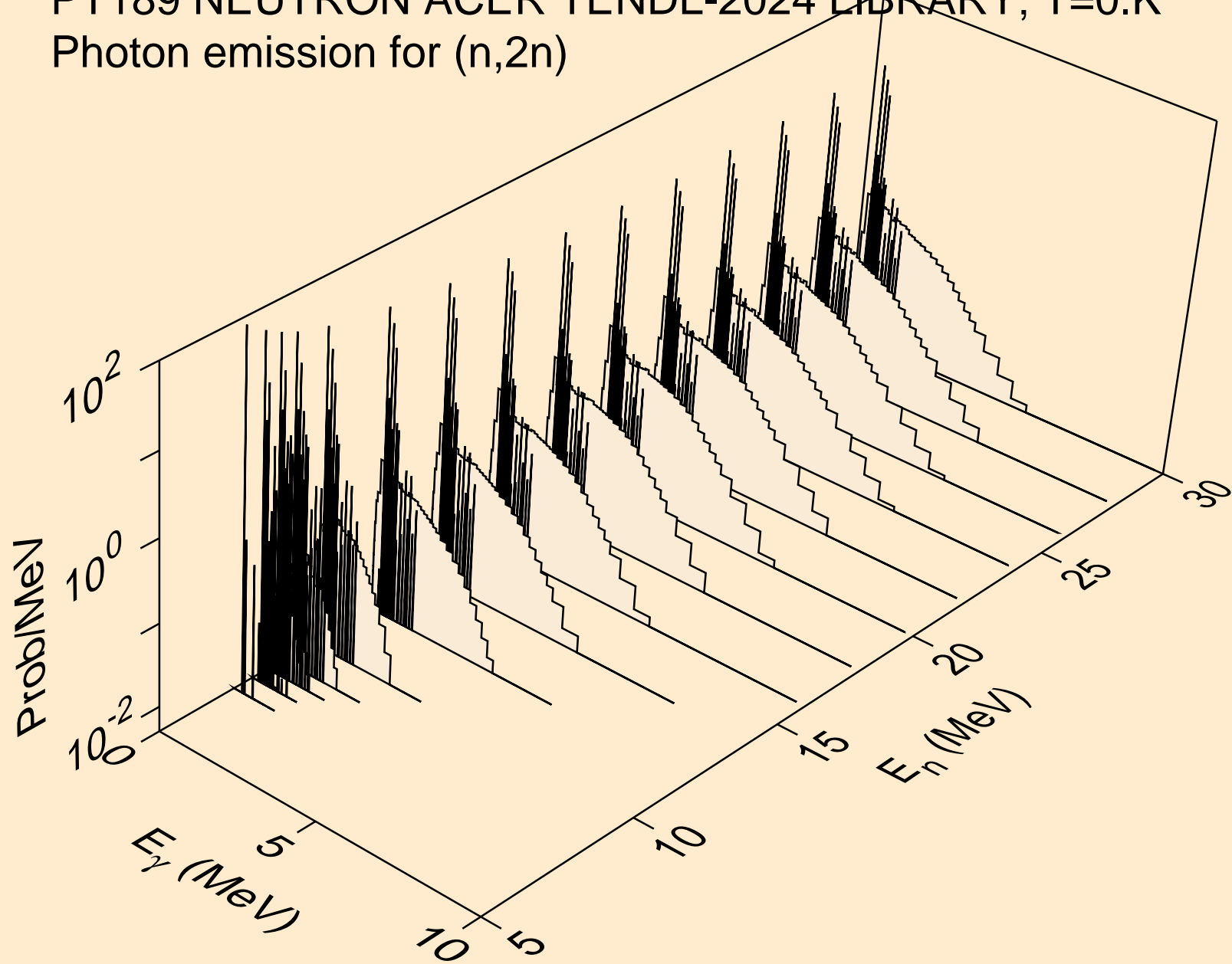
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,x)



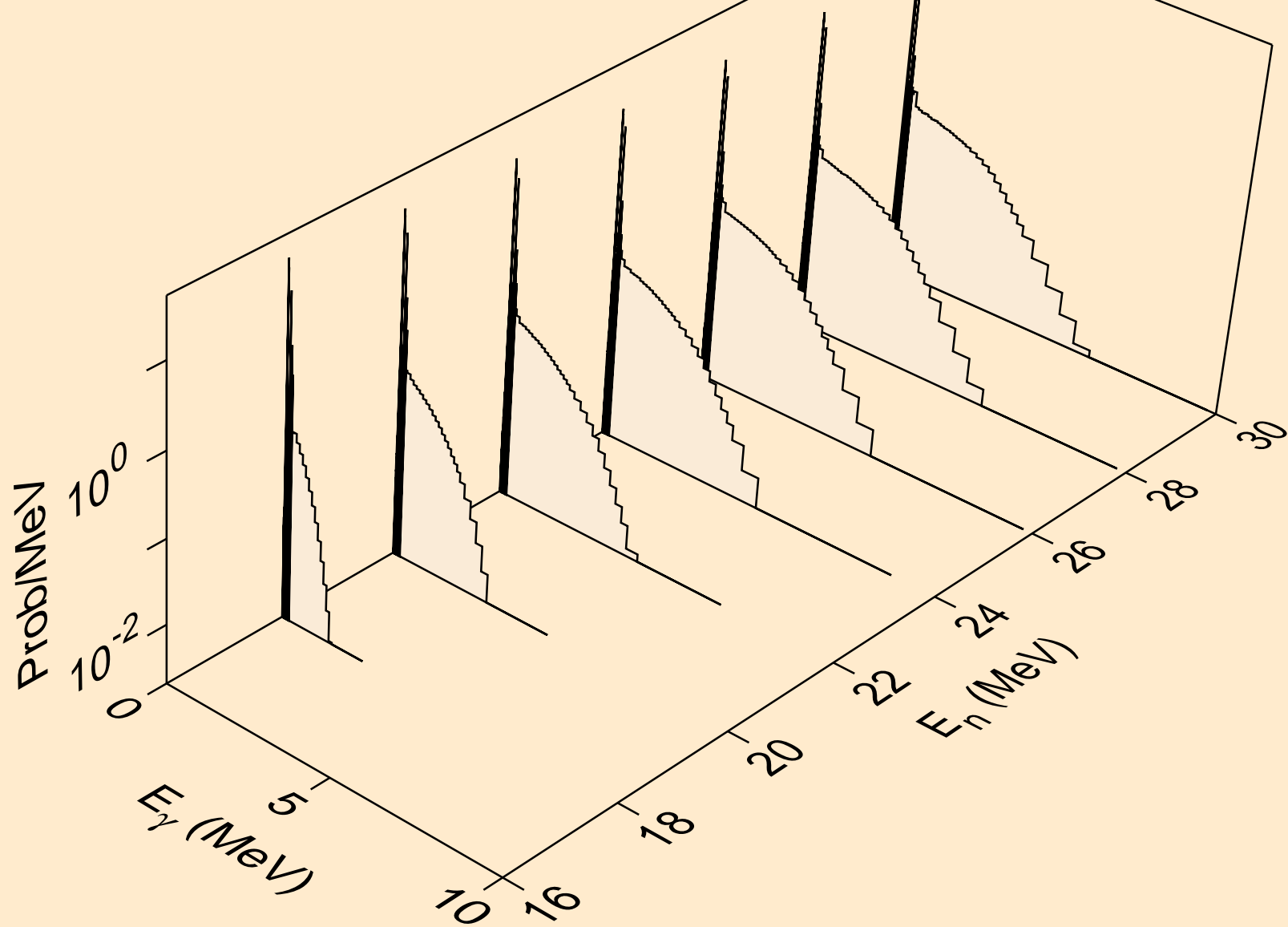
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



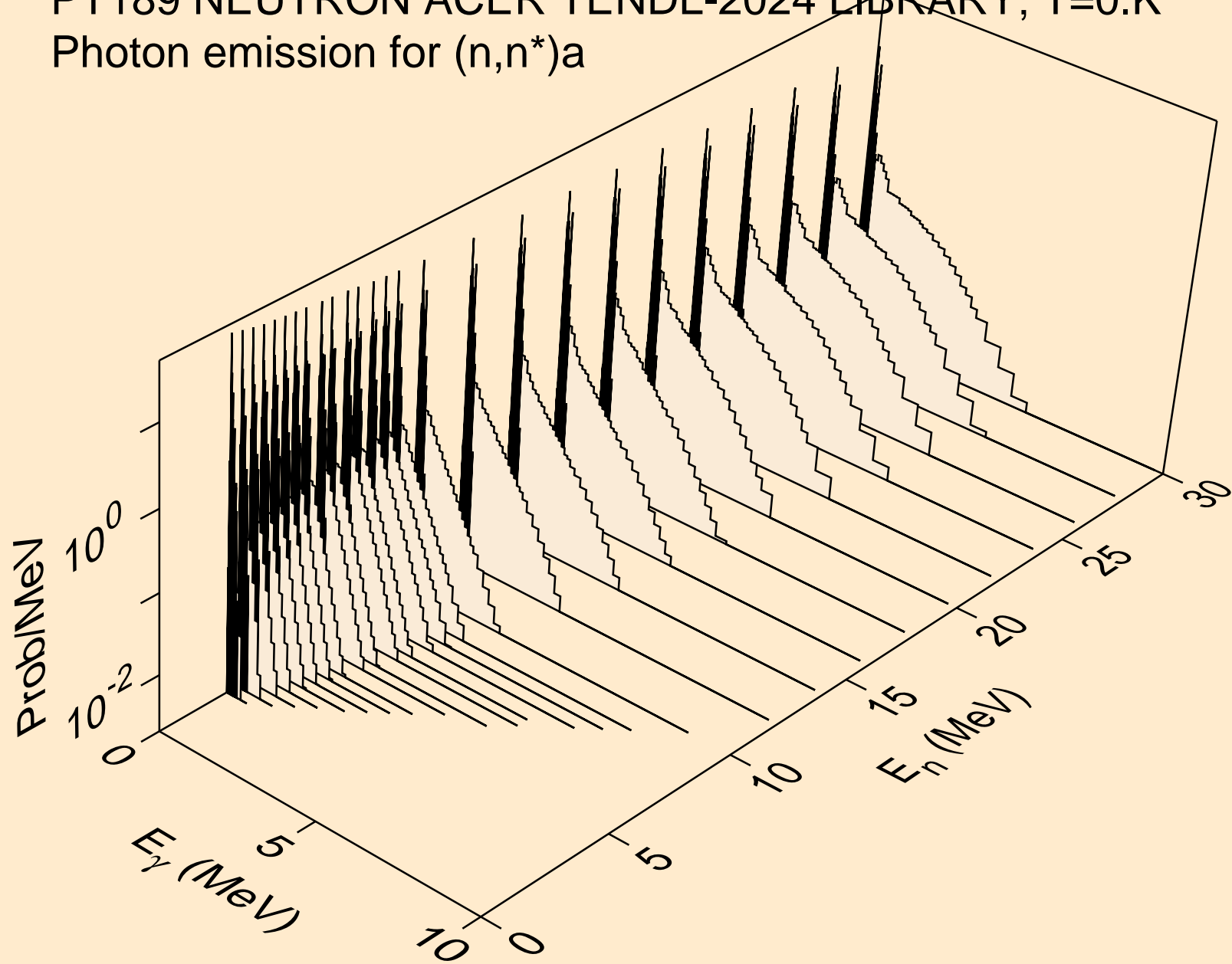
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



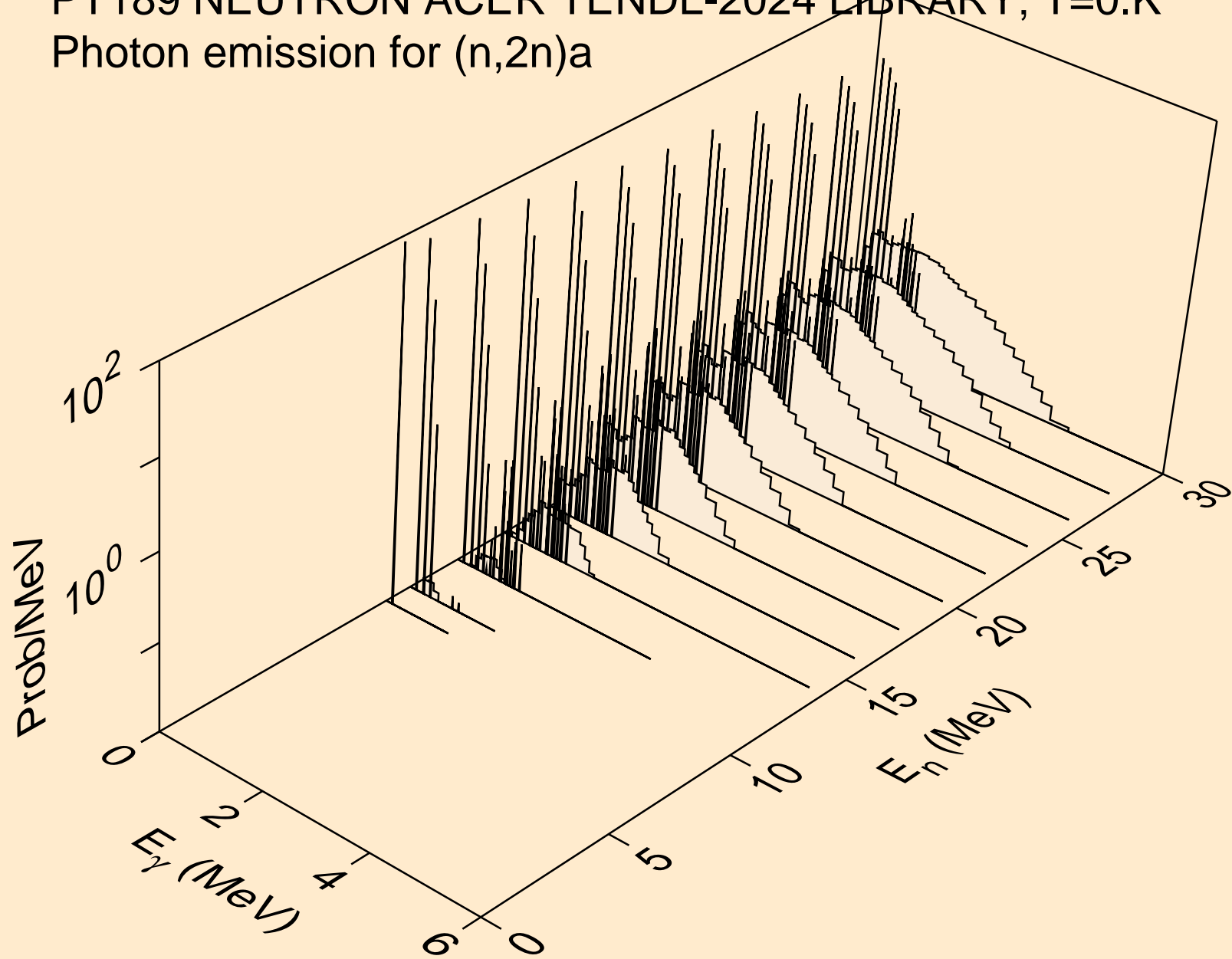
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

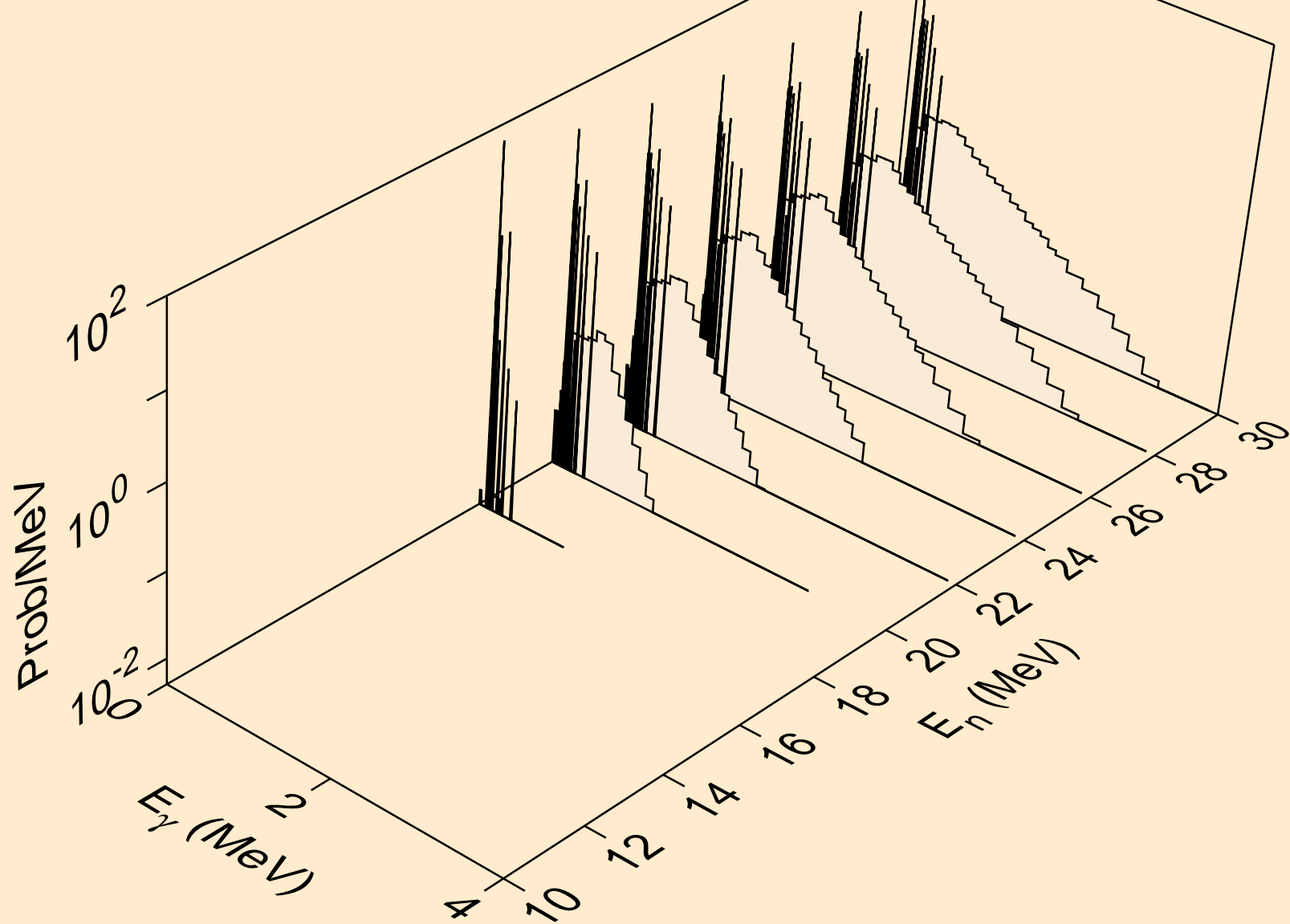


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

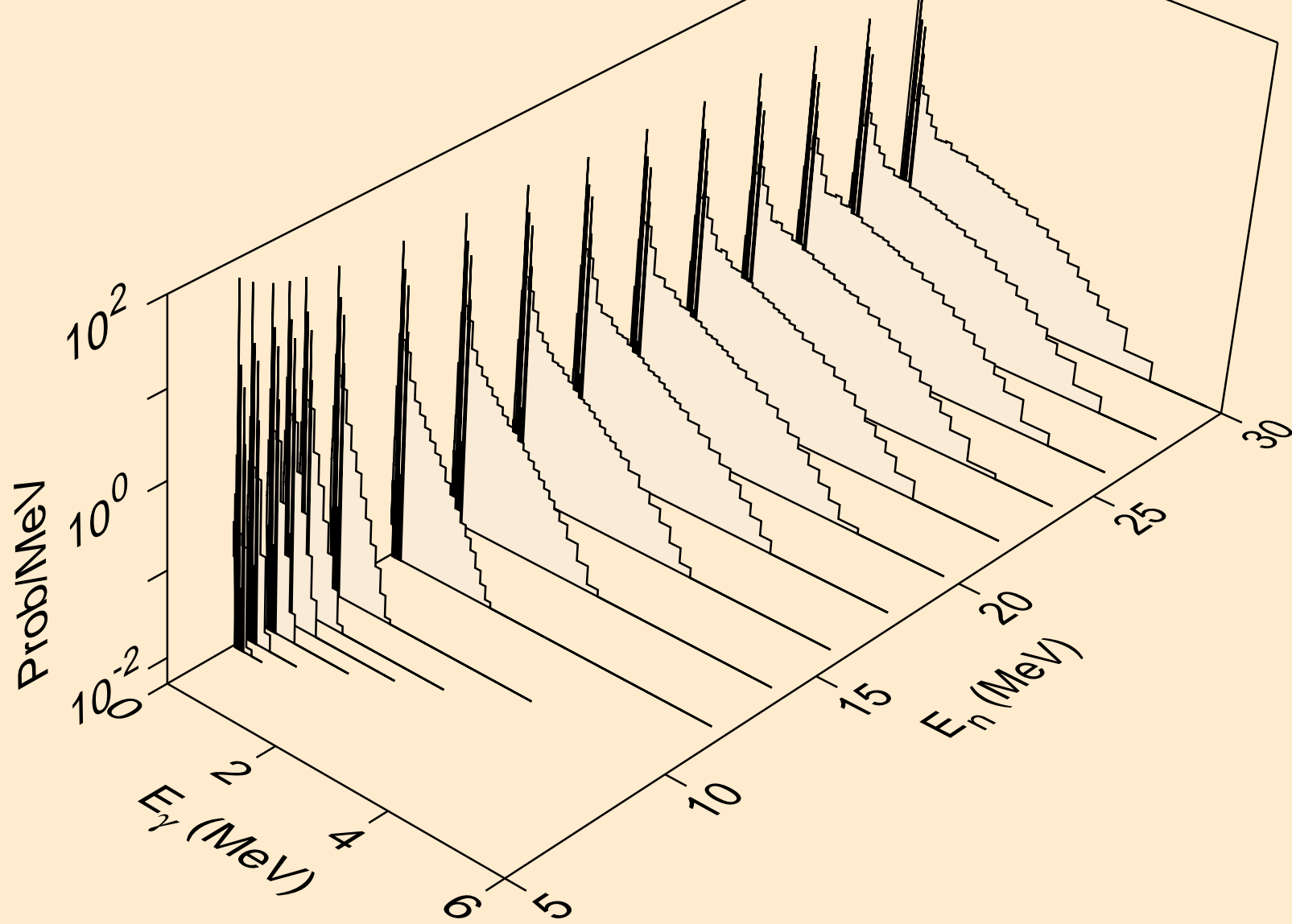




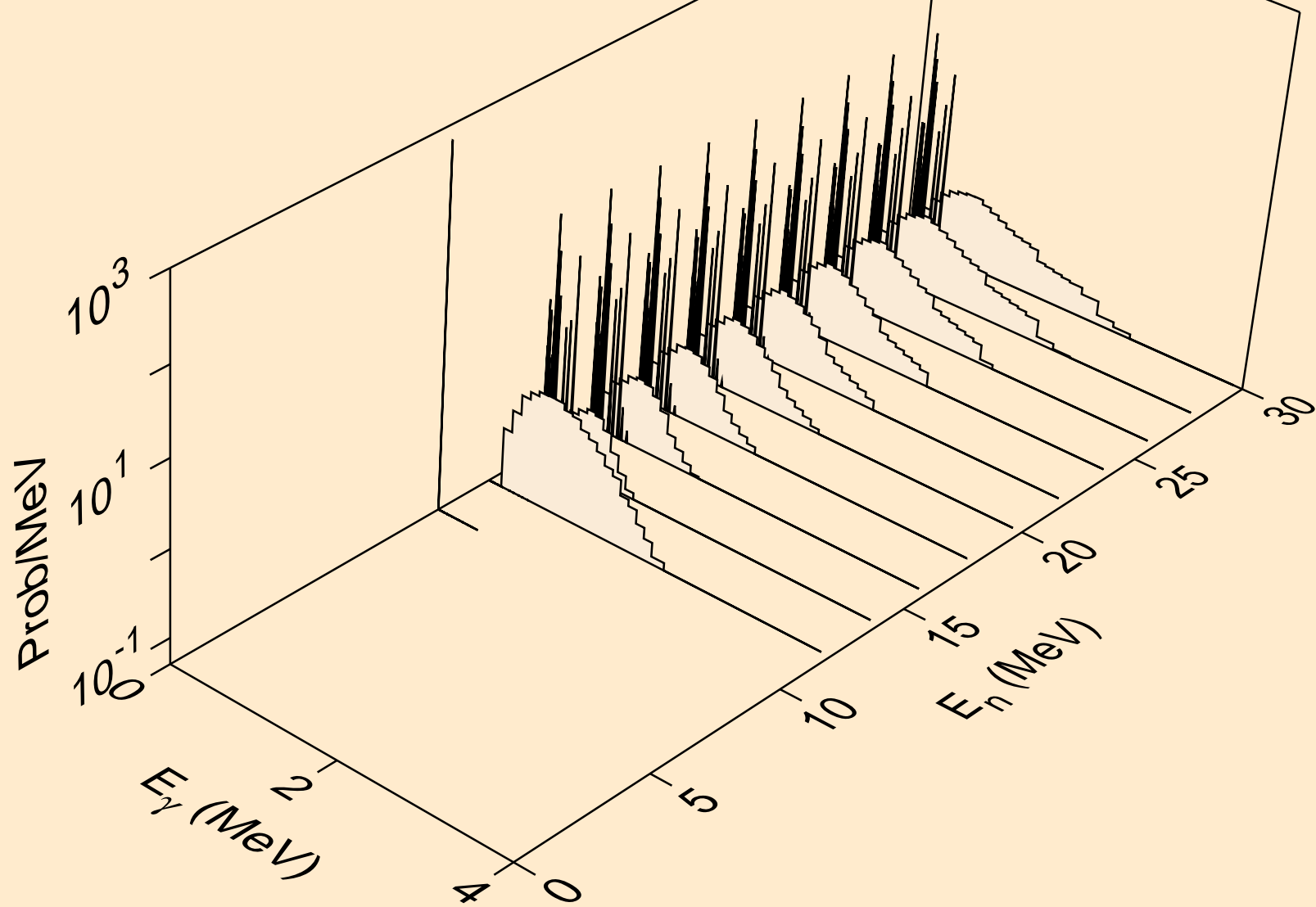
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



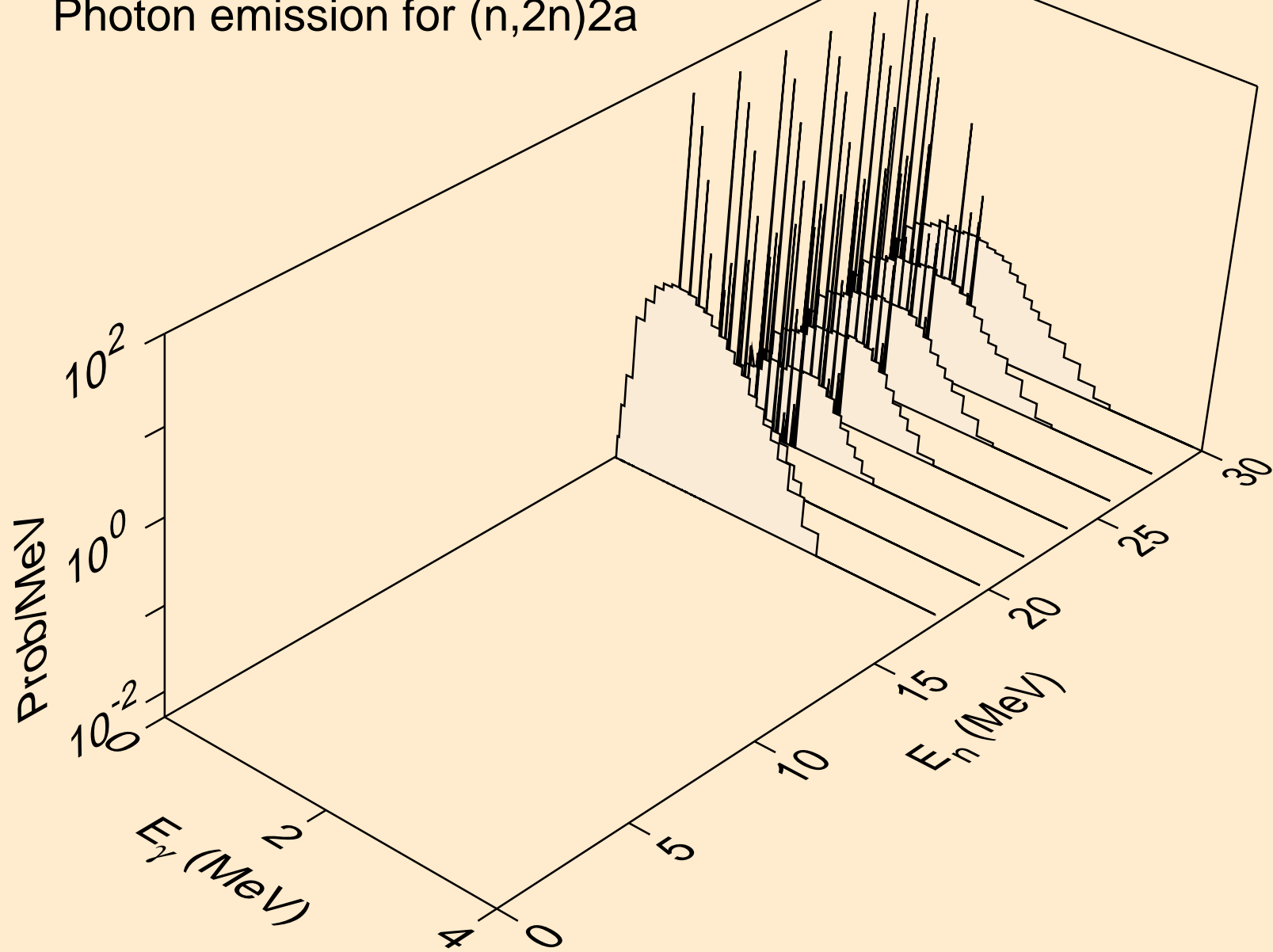
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



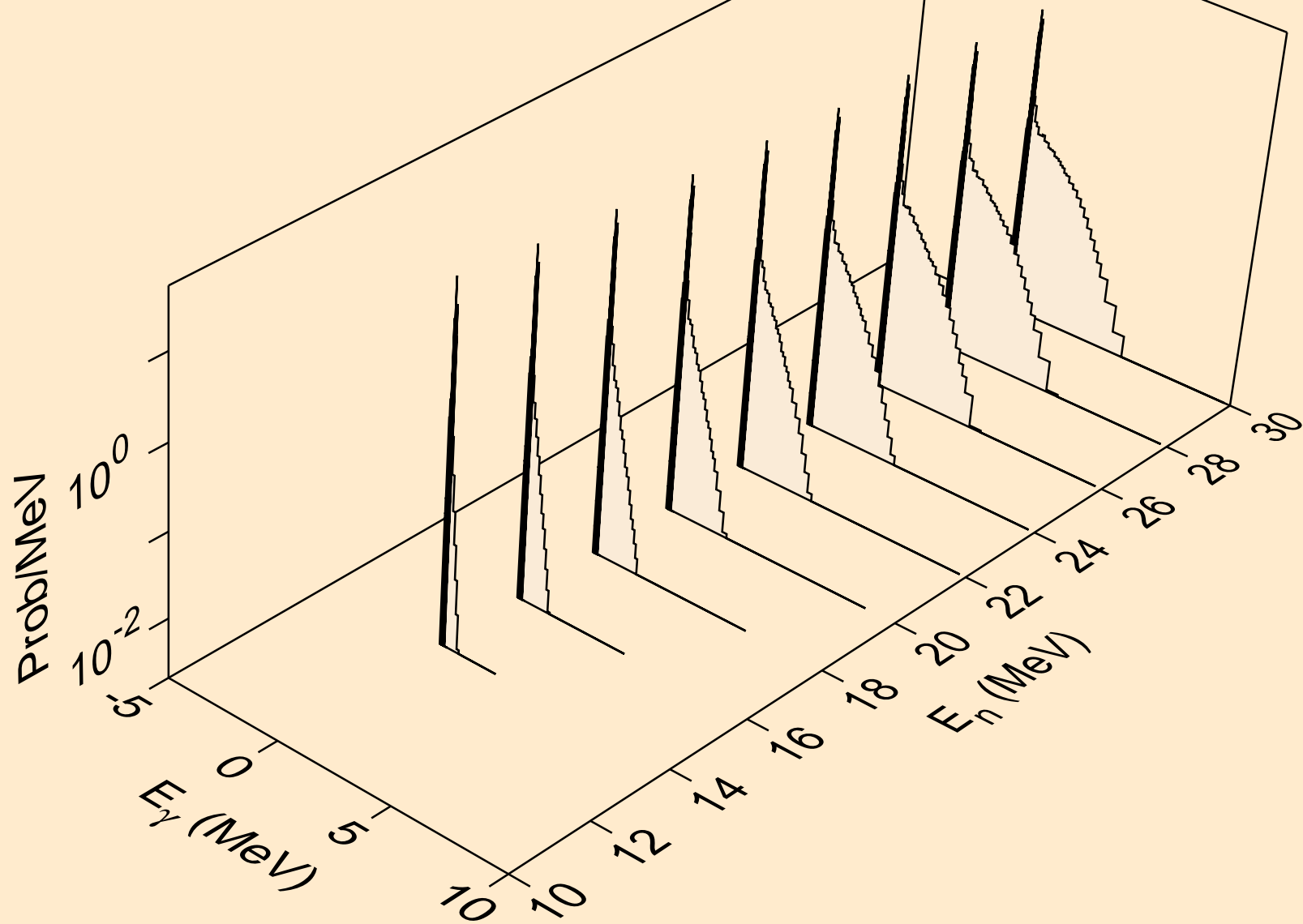
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



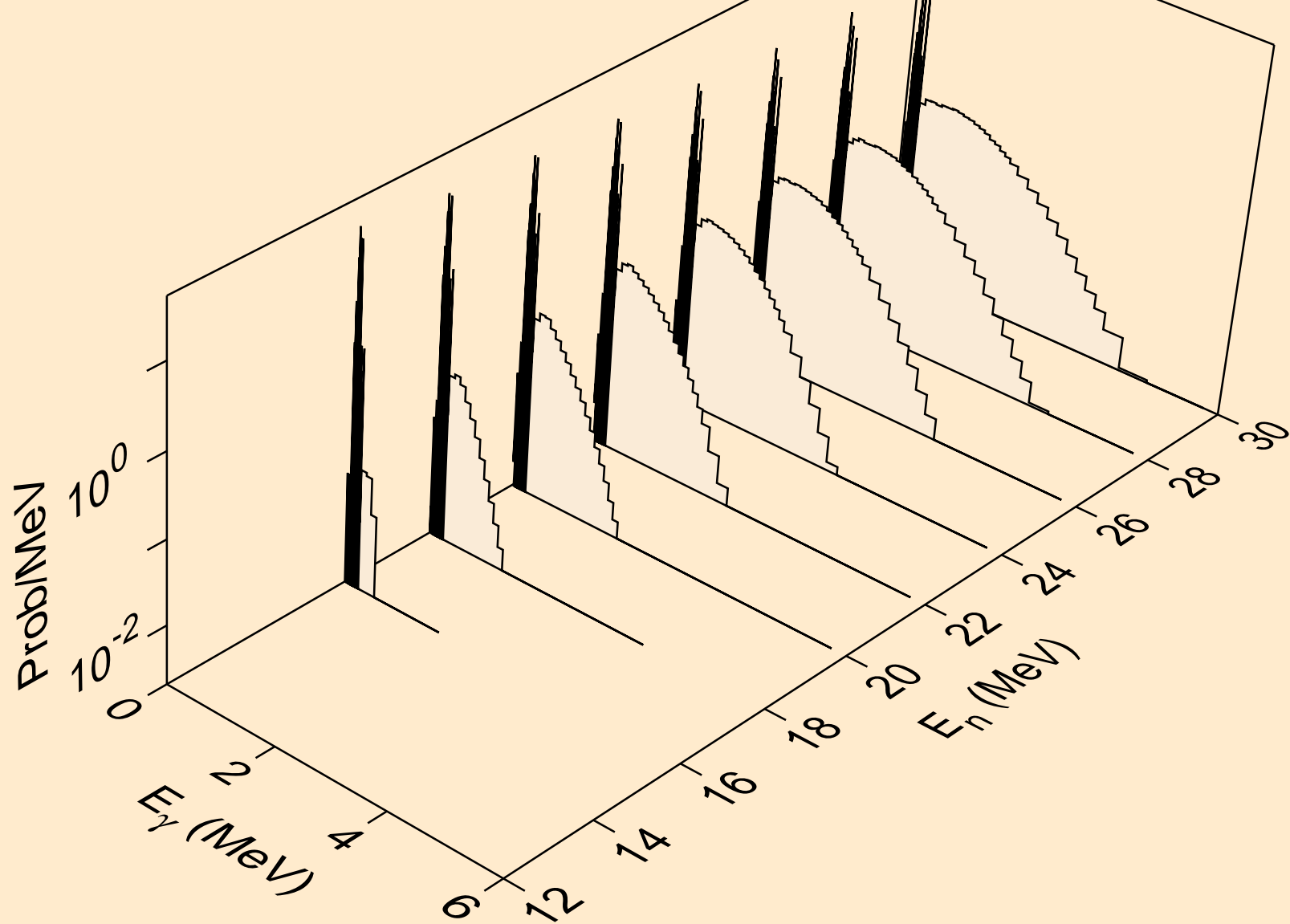
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



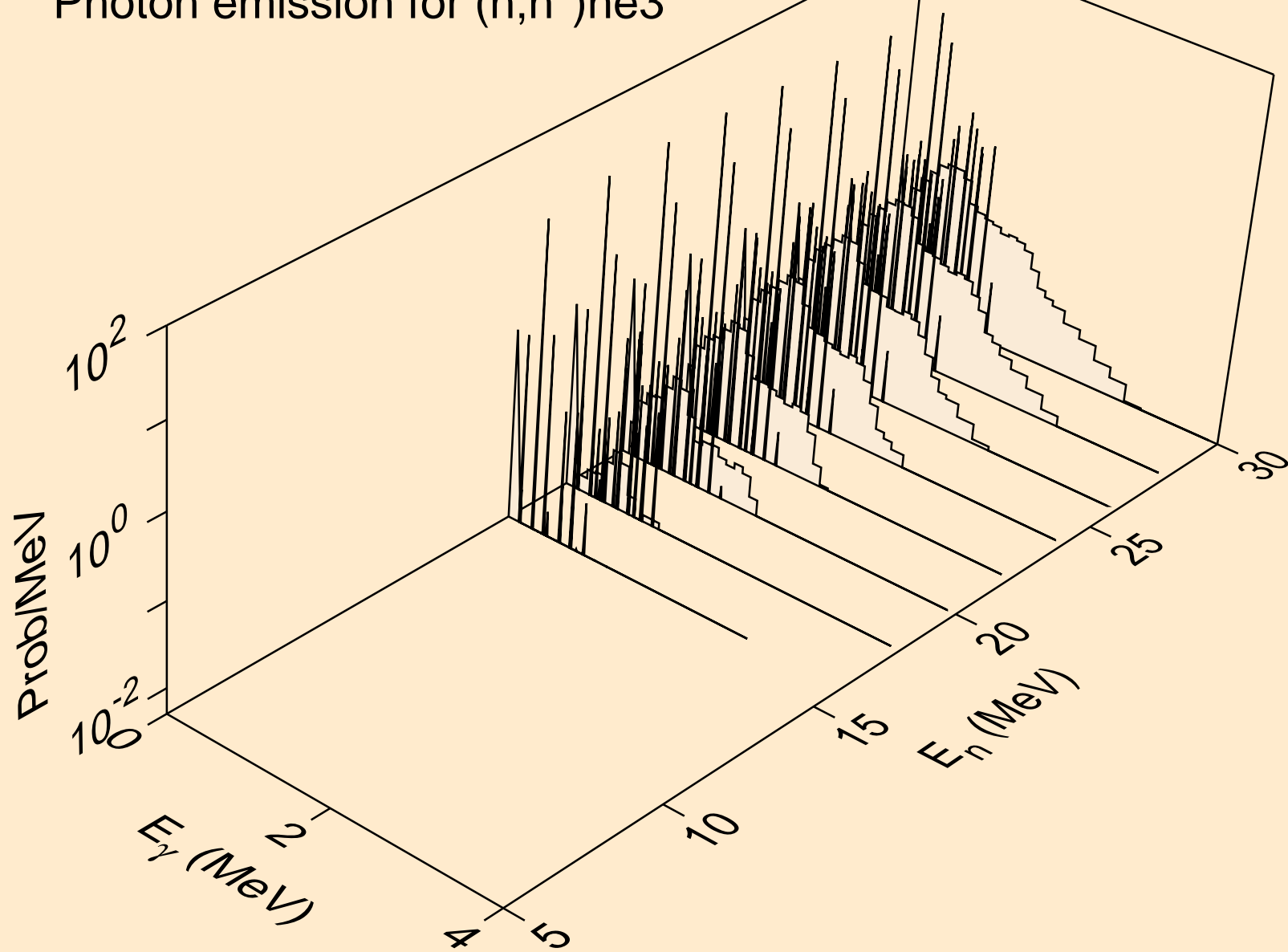
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



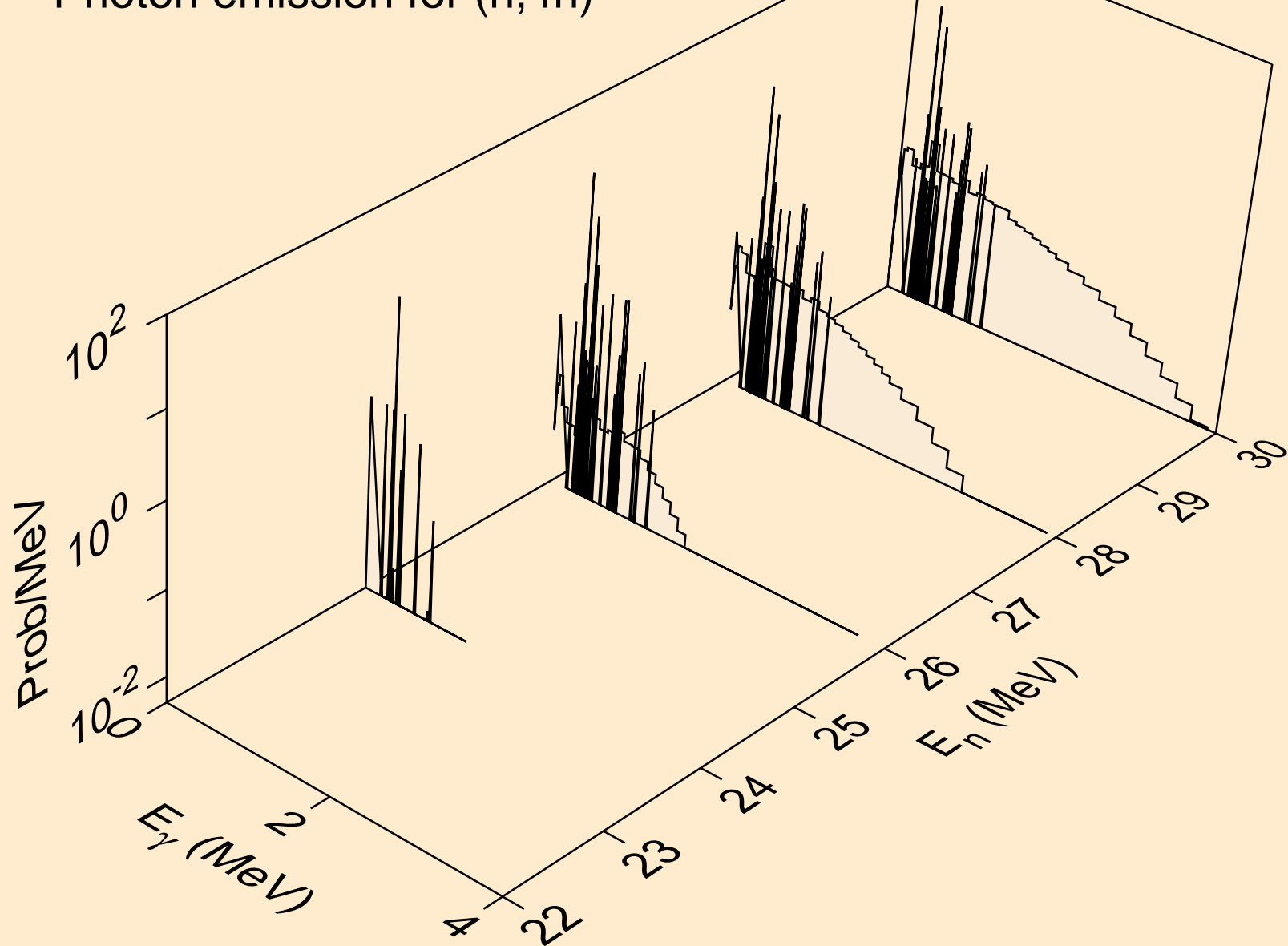
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

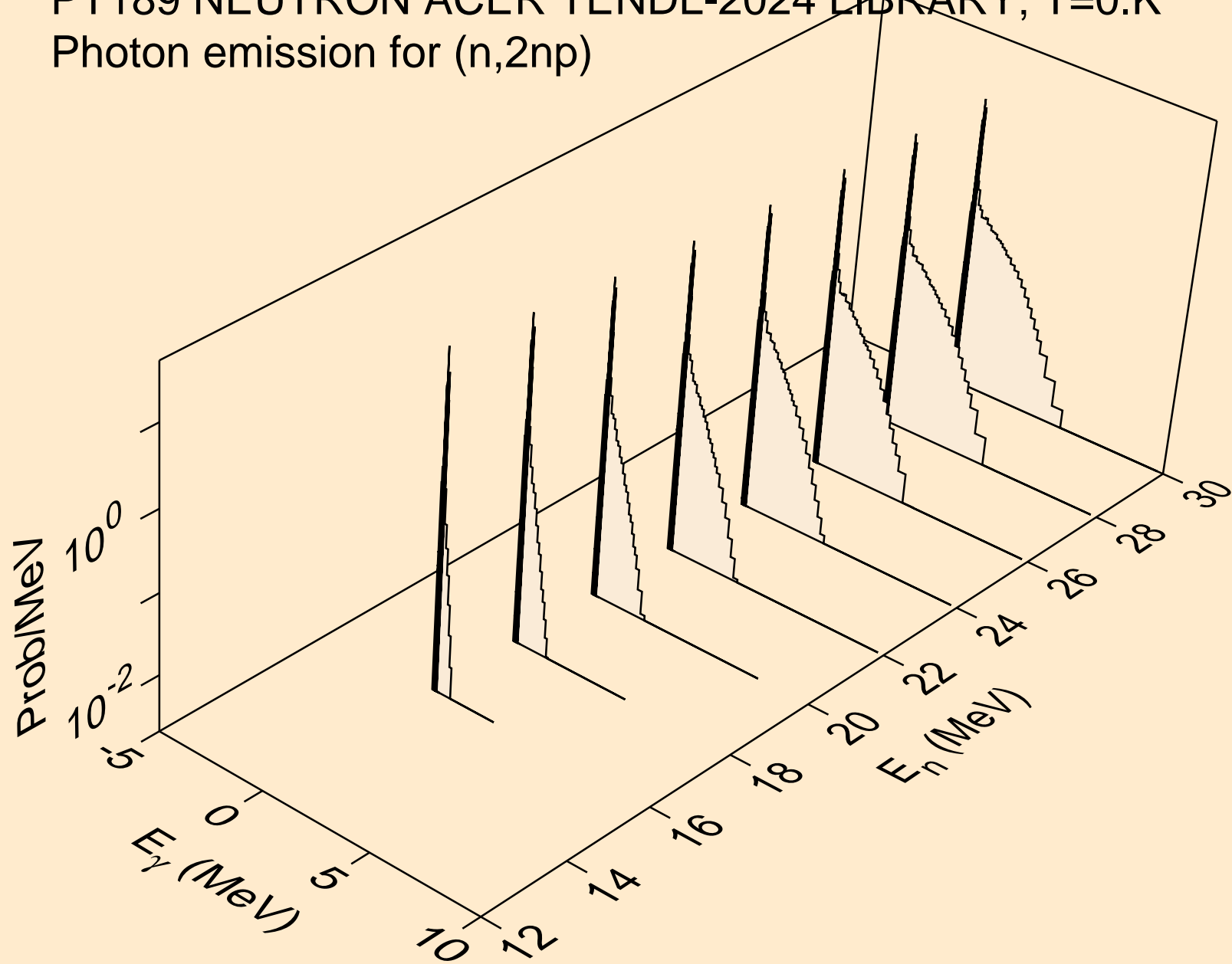


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)

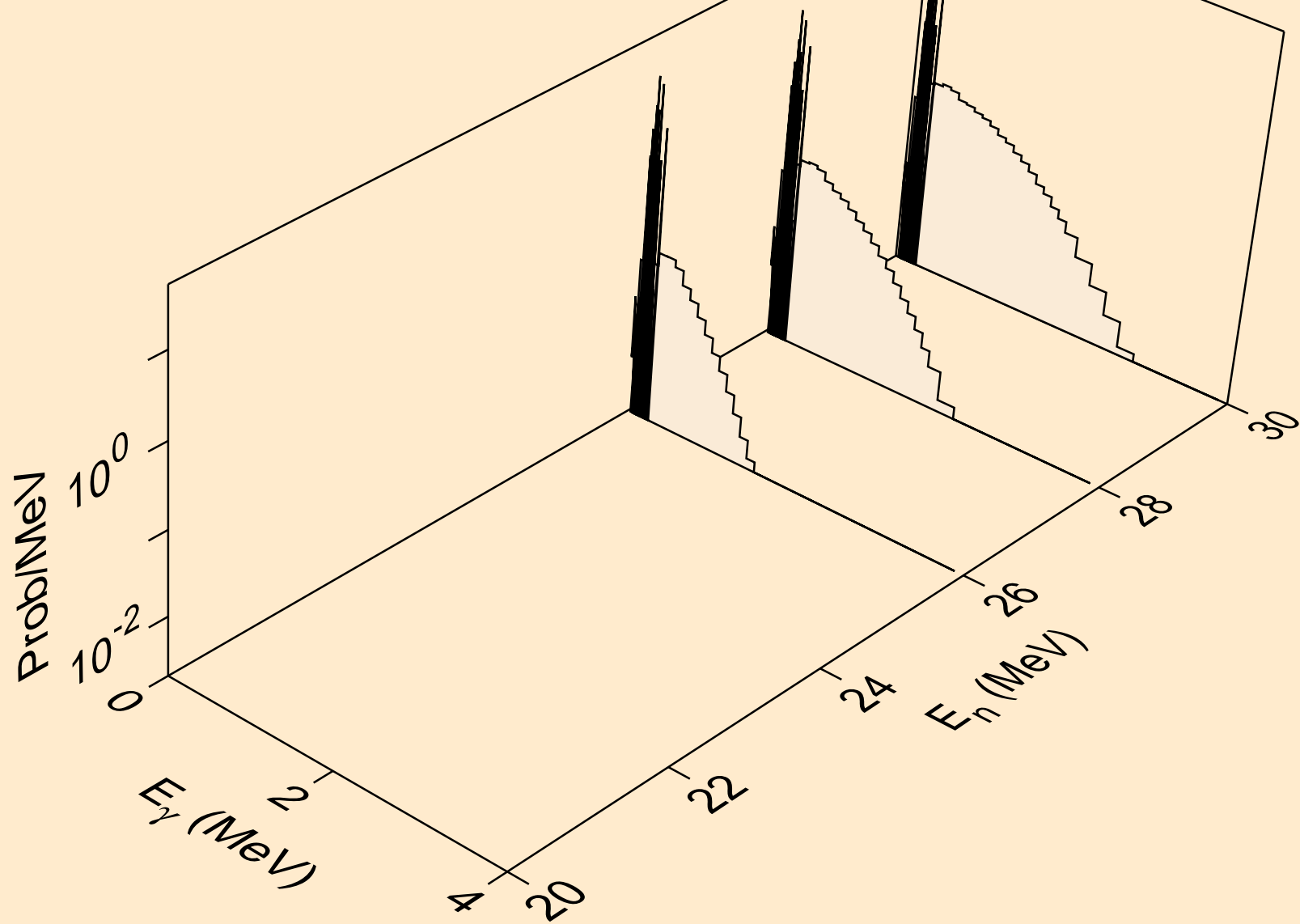




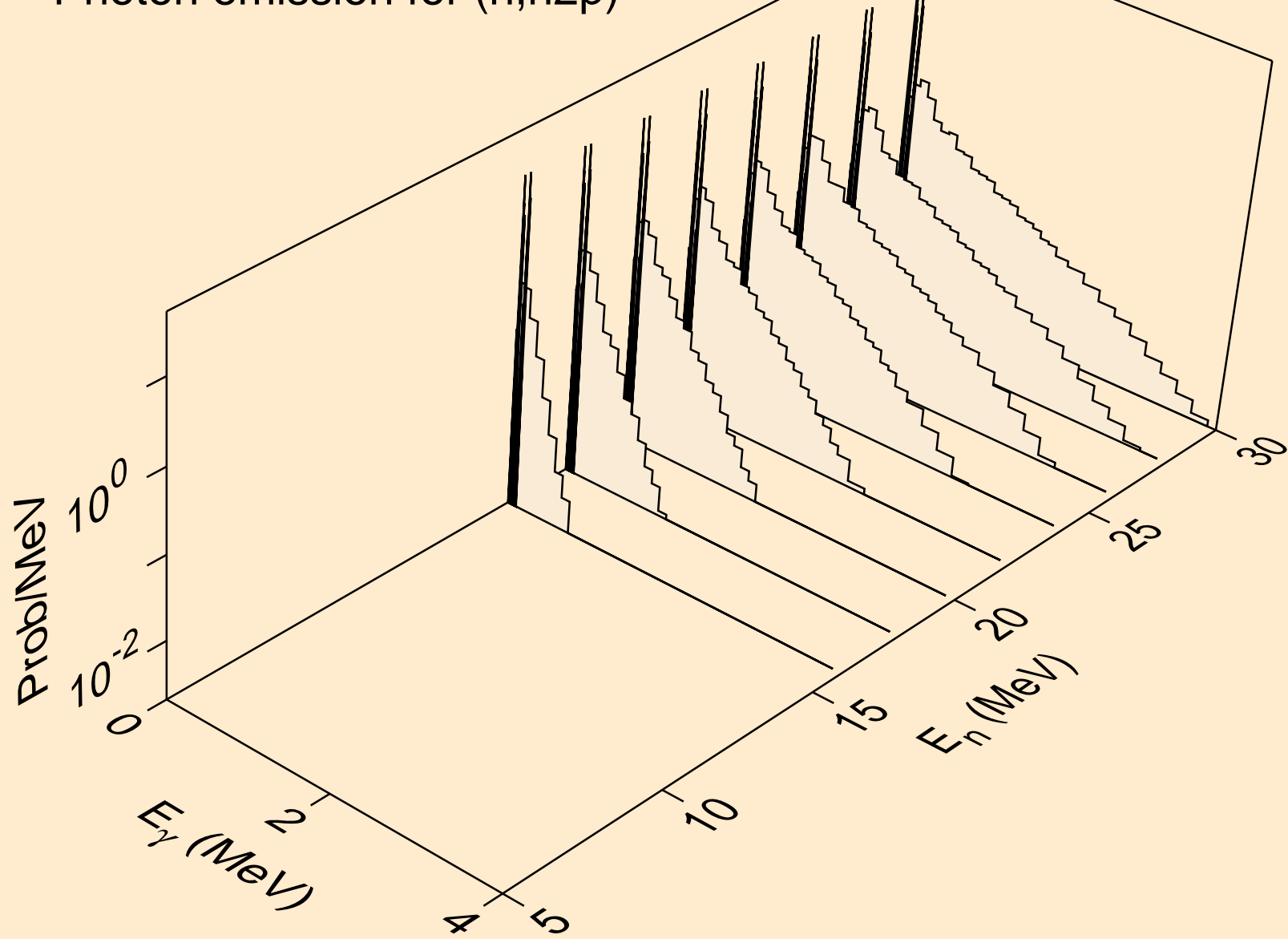
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



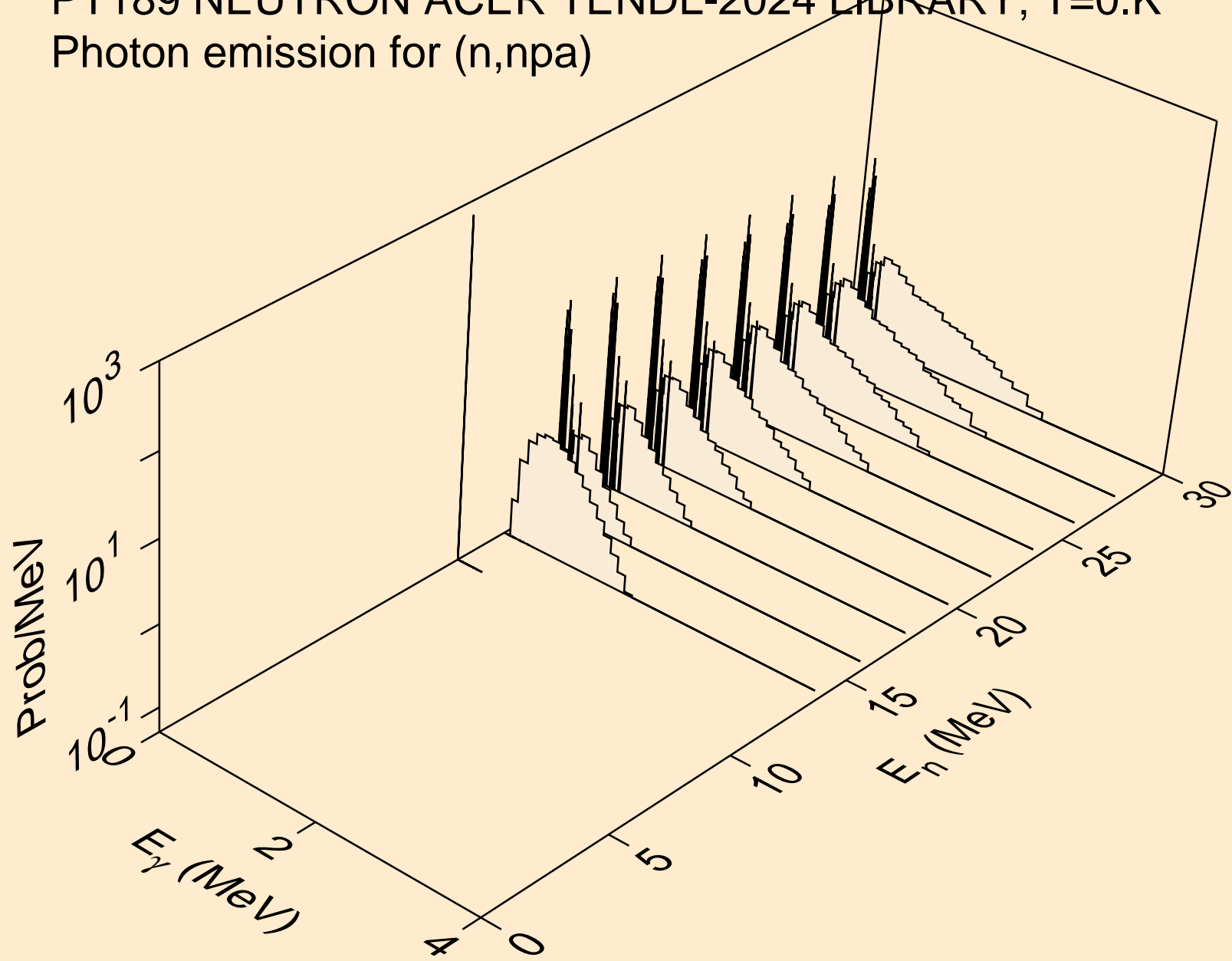
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



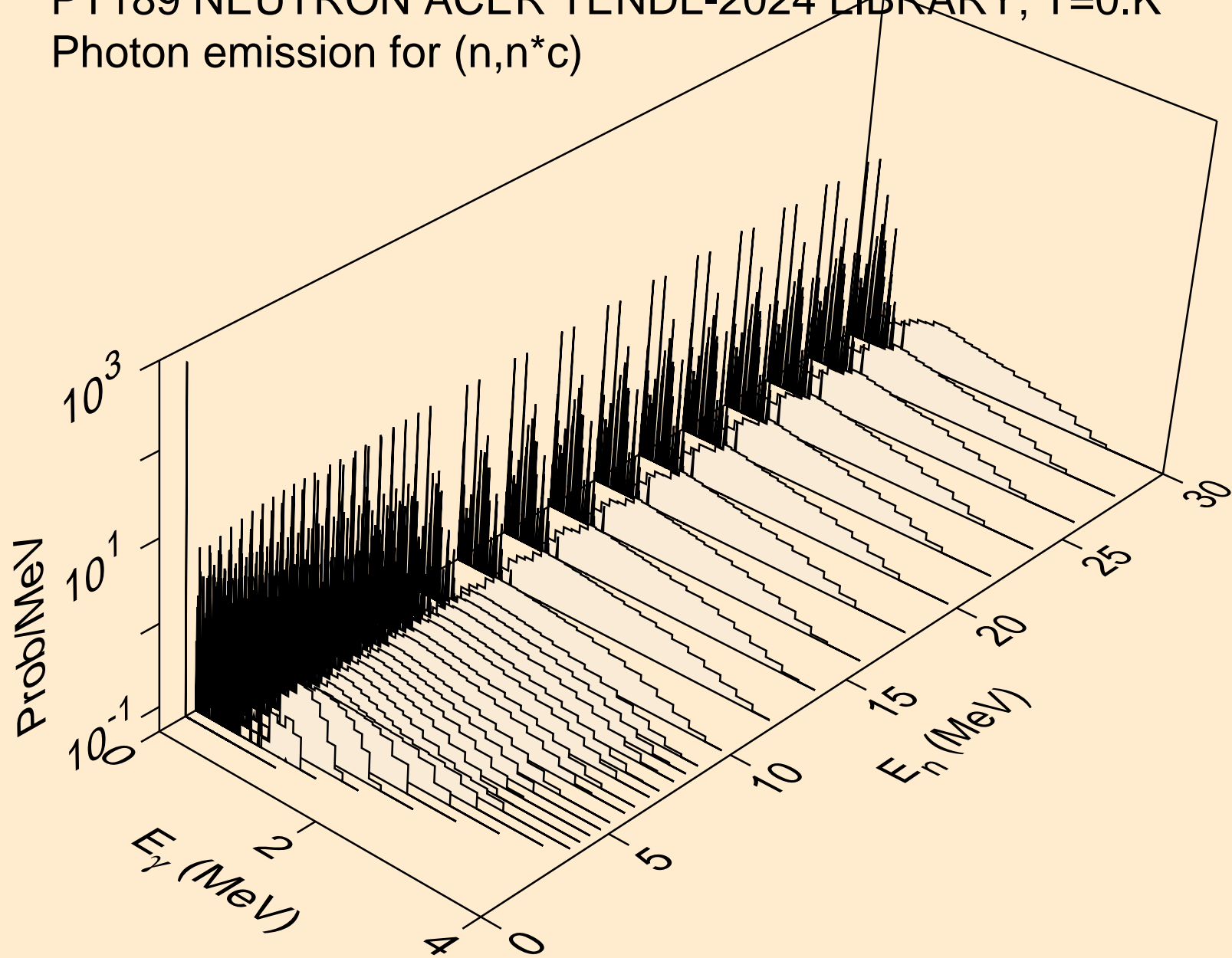
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



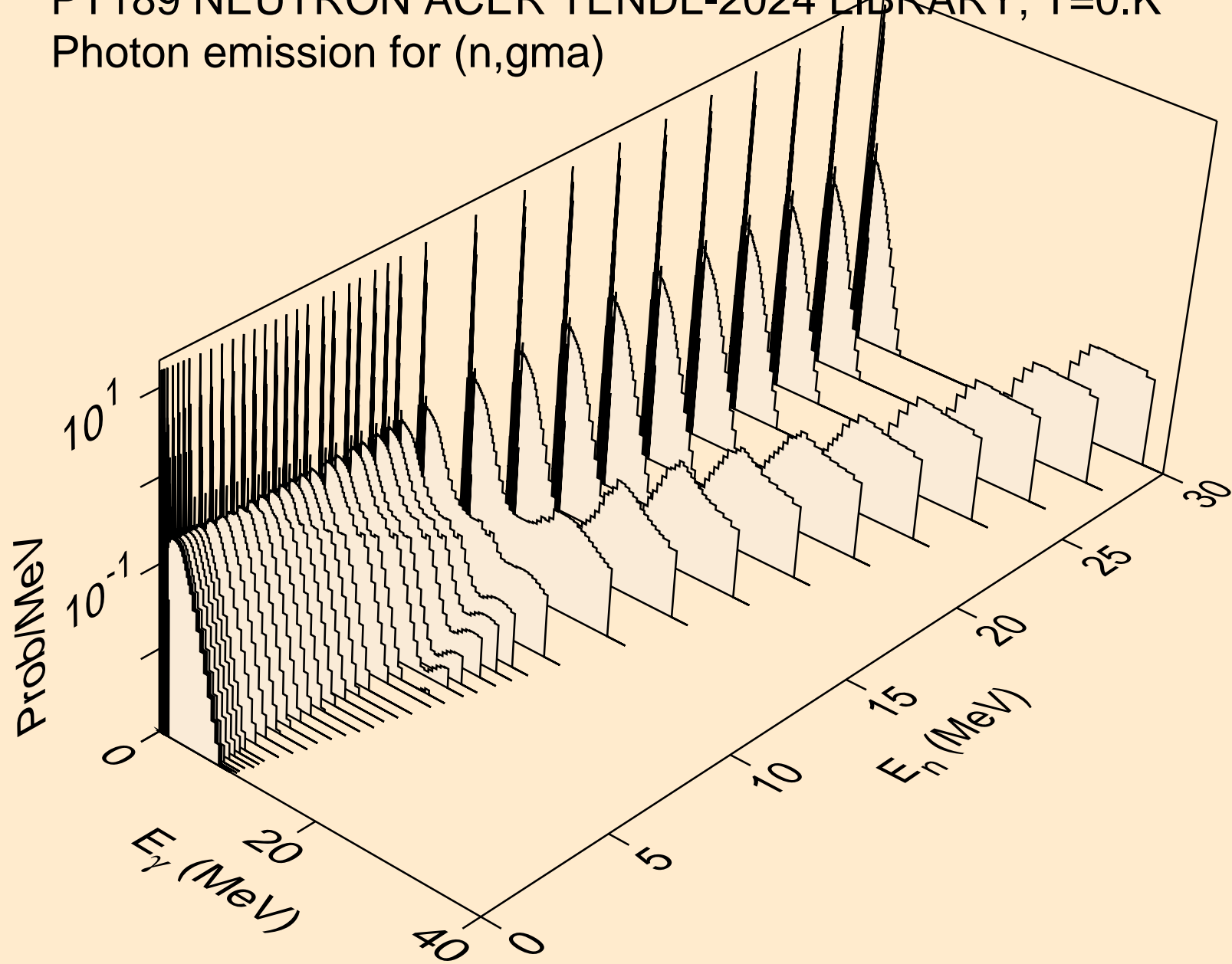
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



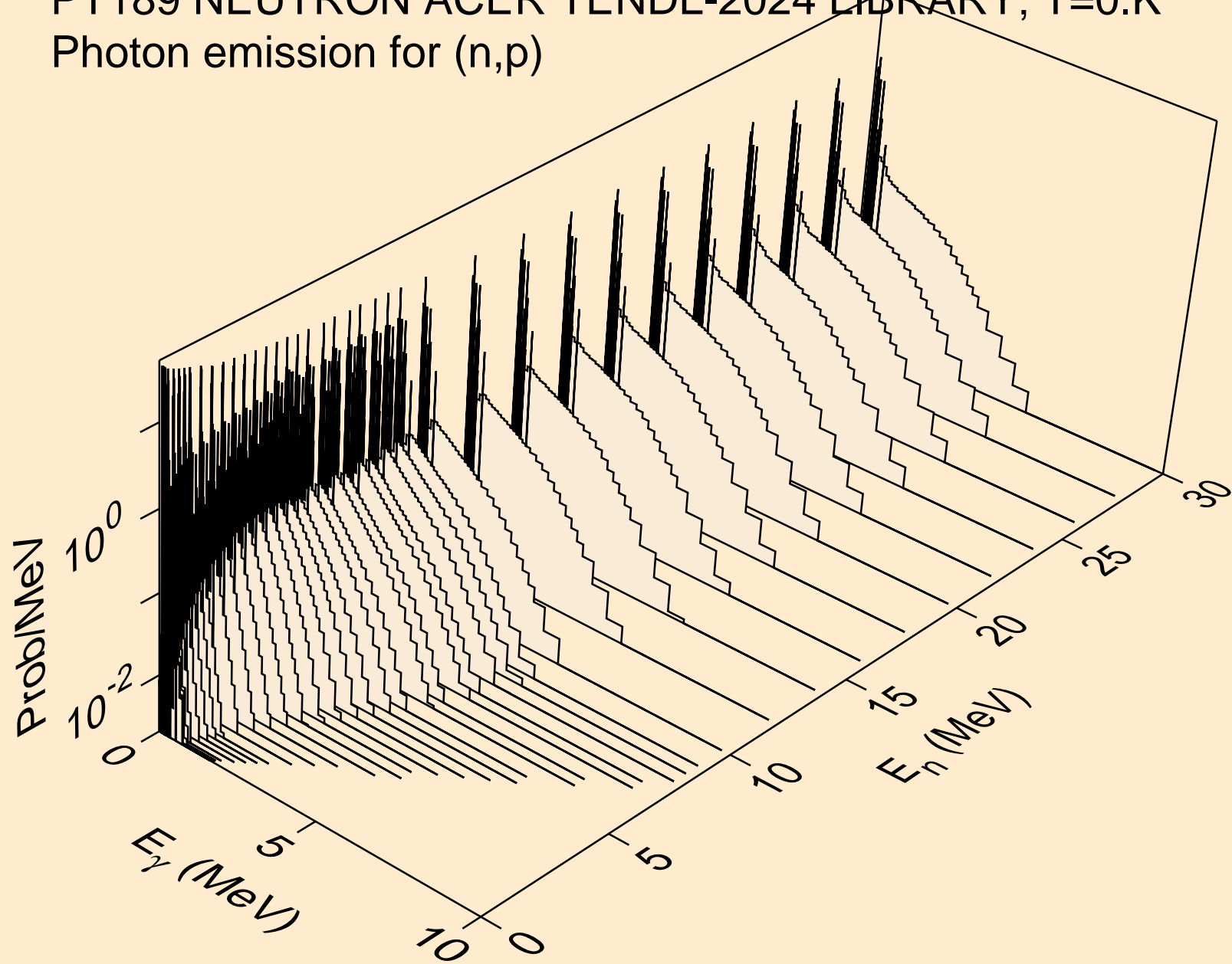
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*c)



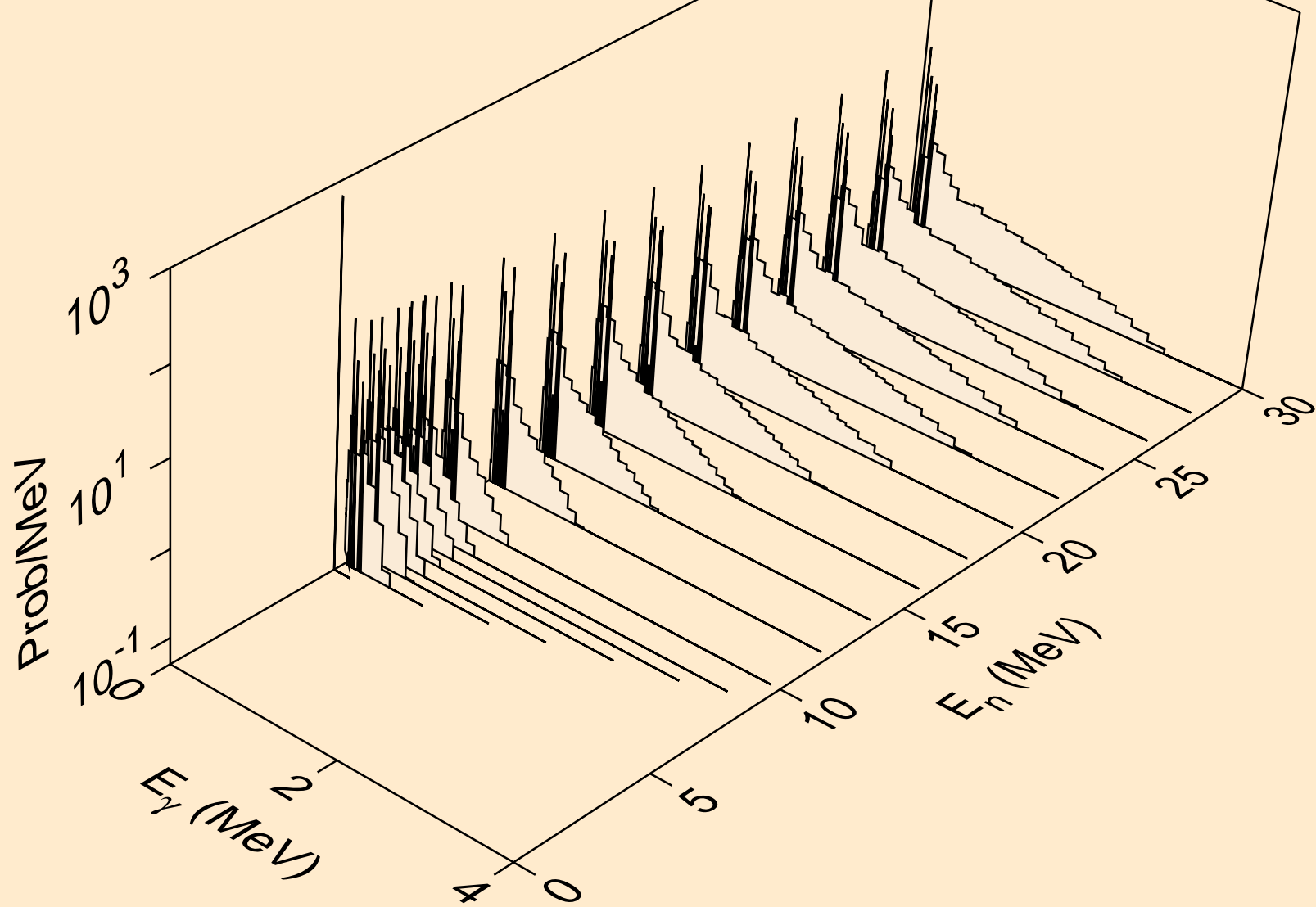
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

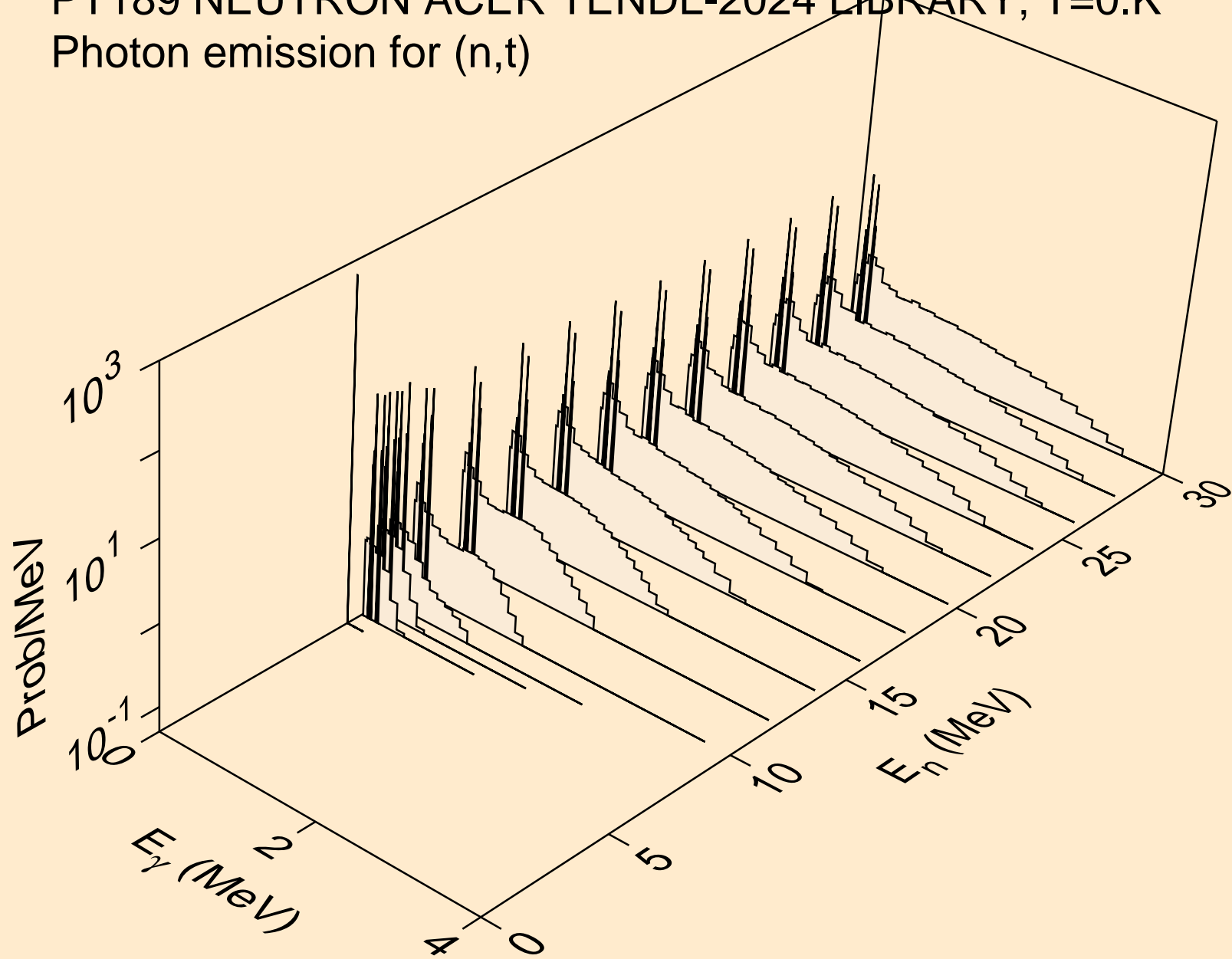


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

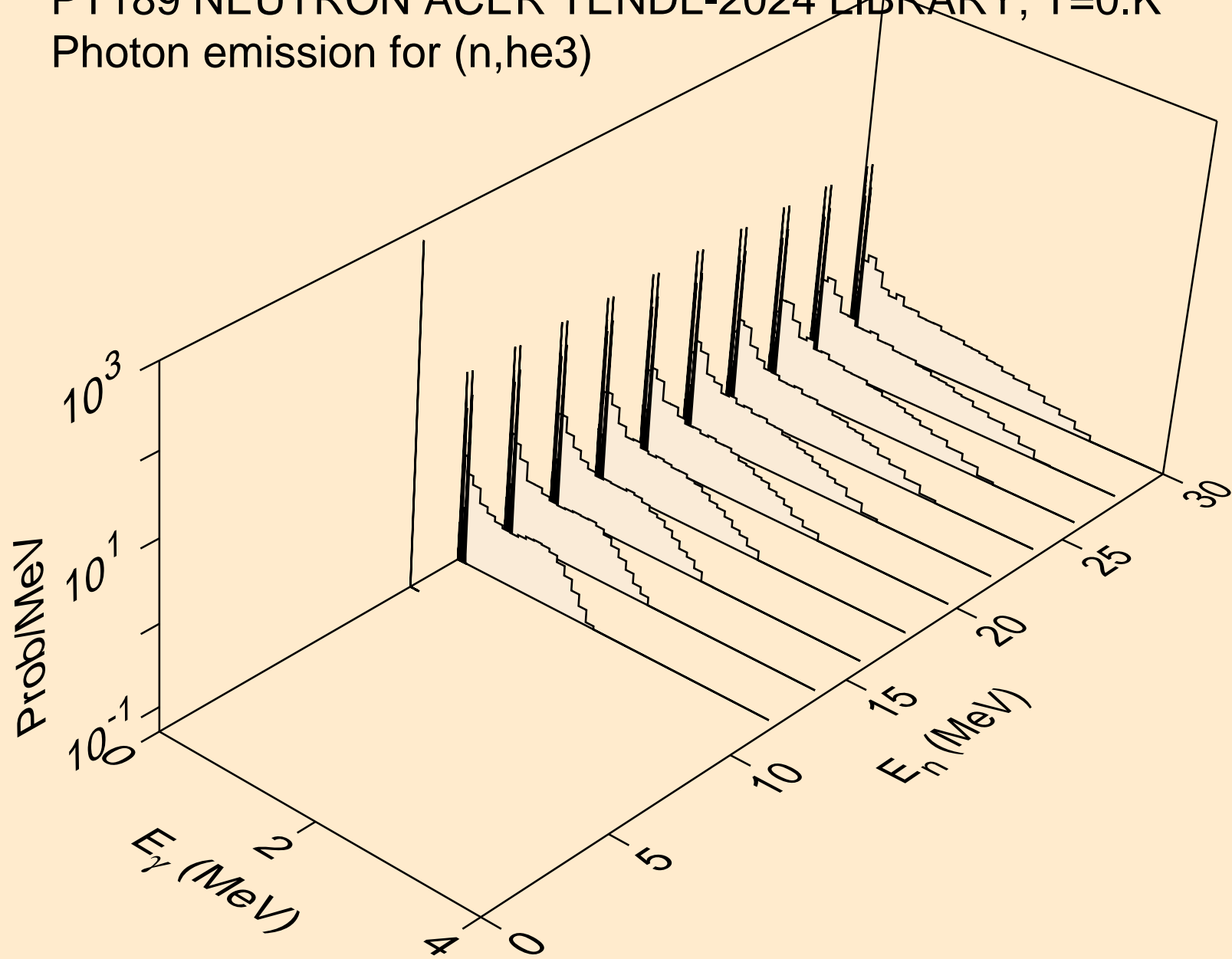




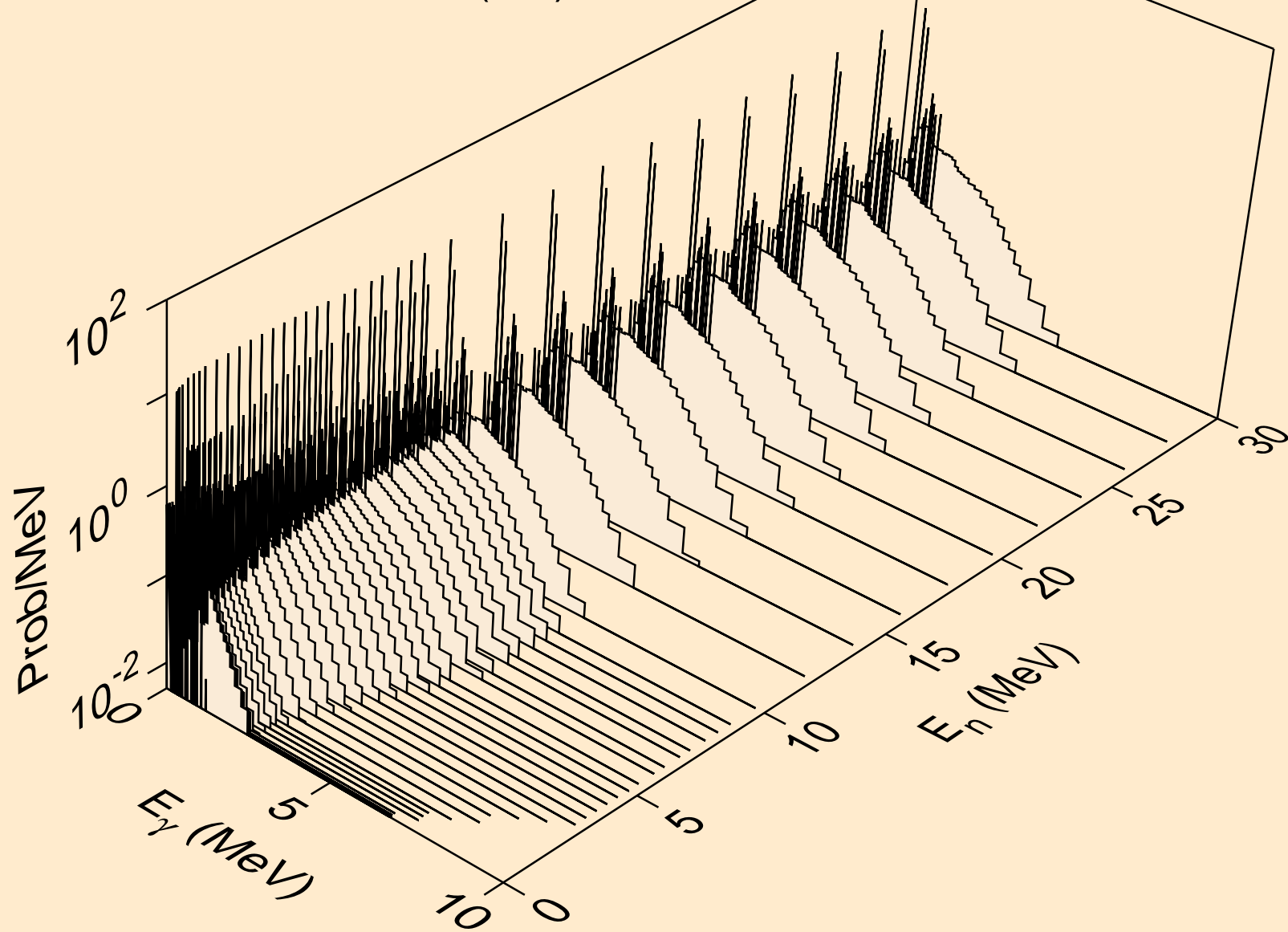
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



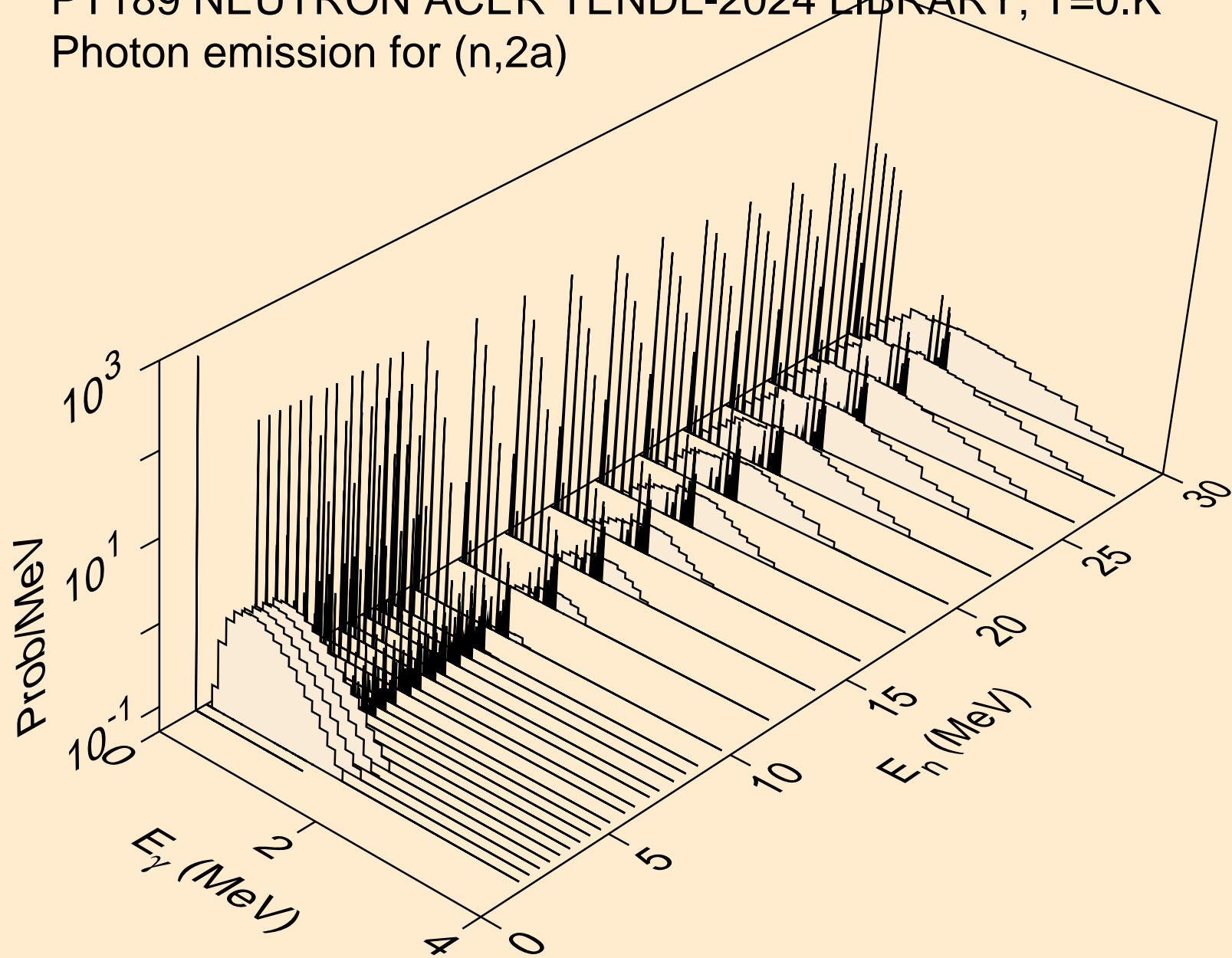
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



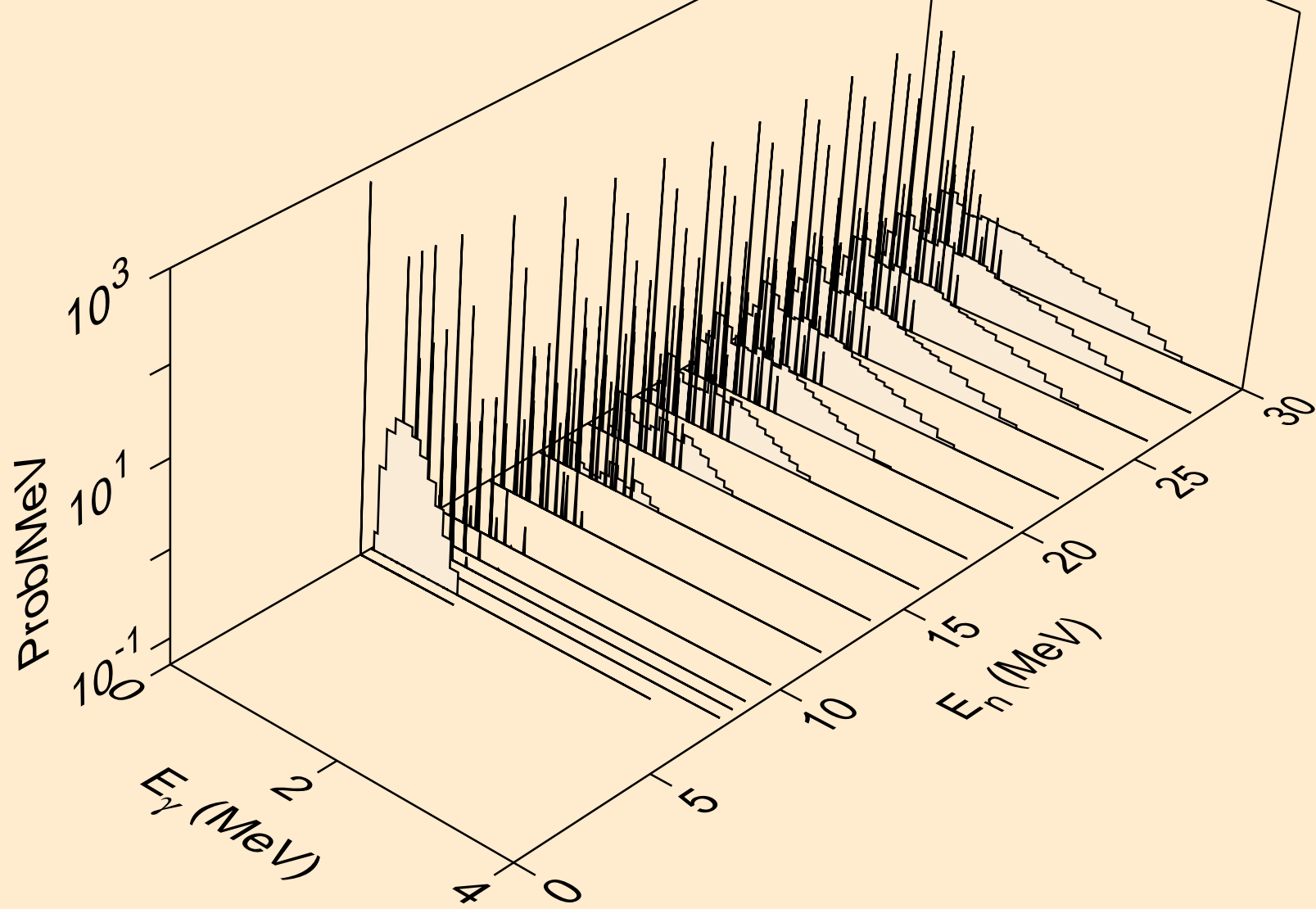
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)



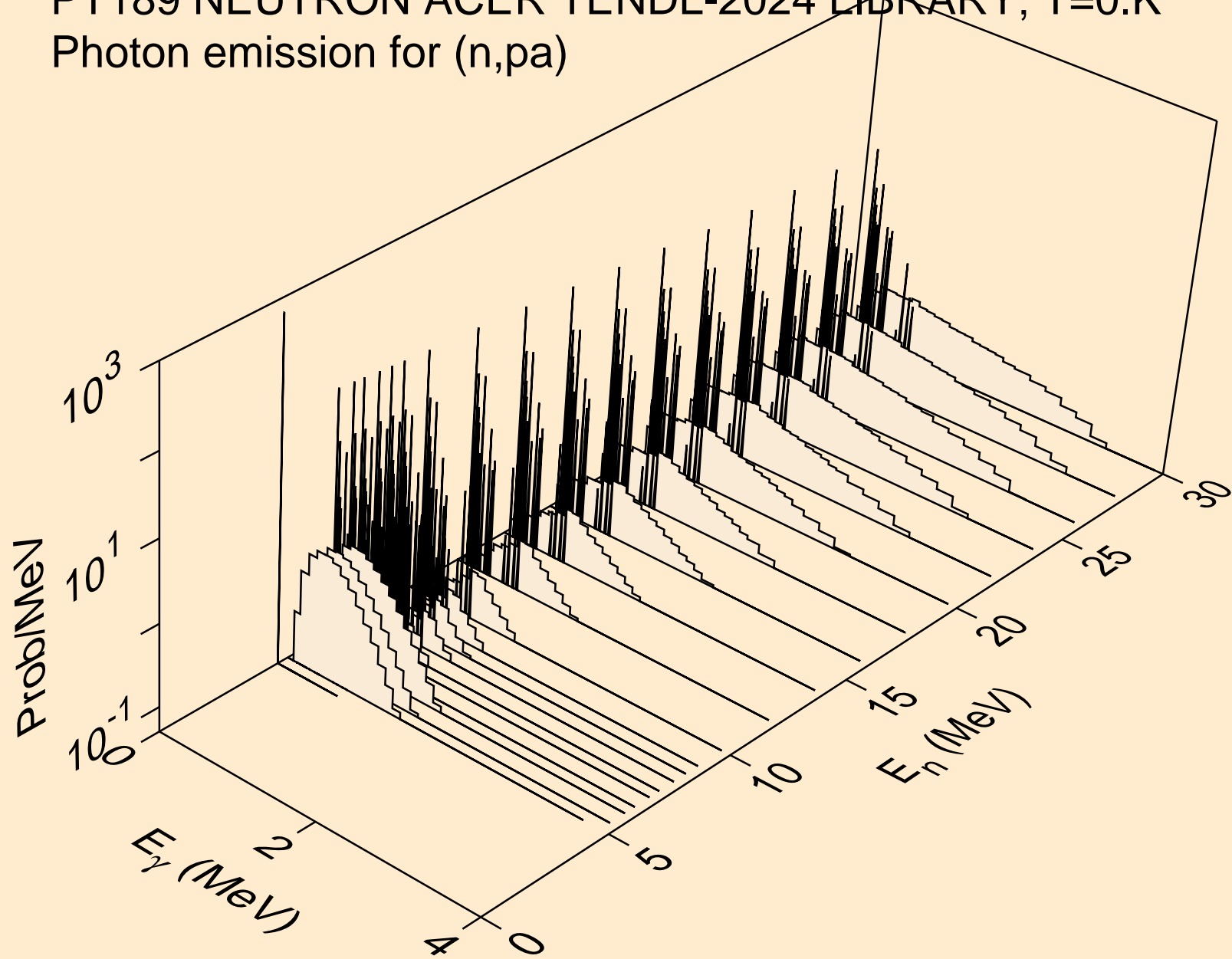
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



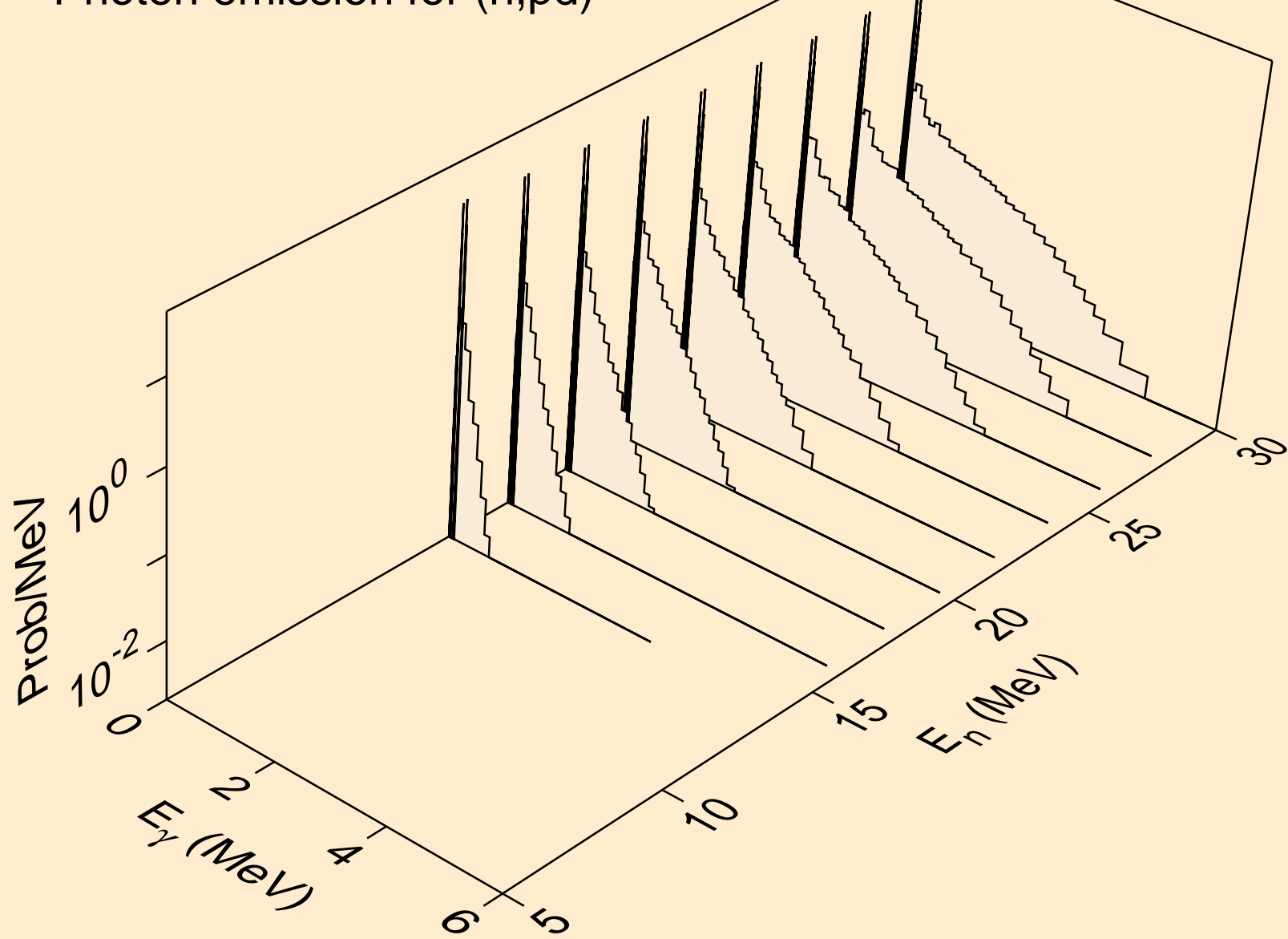
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



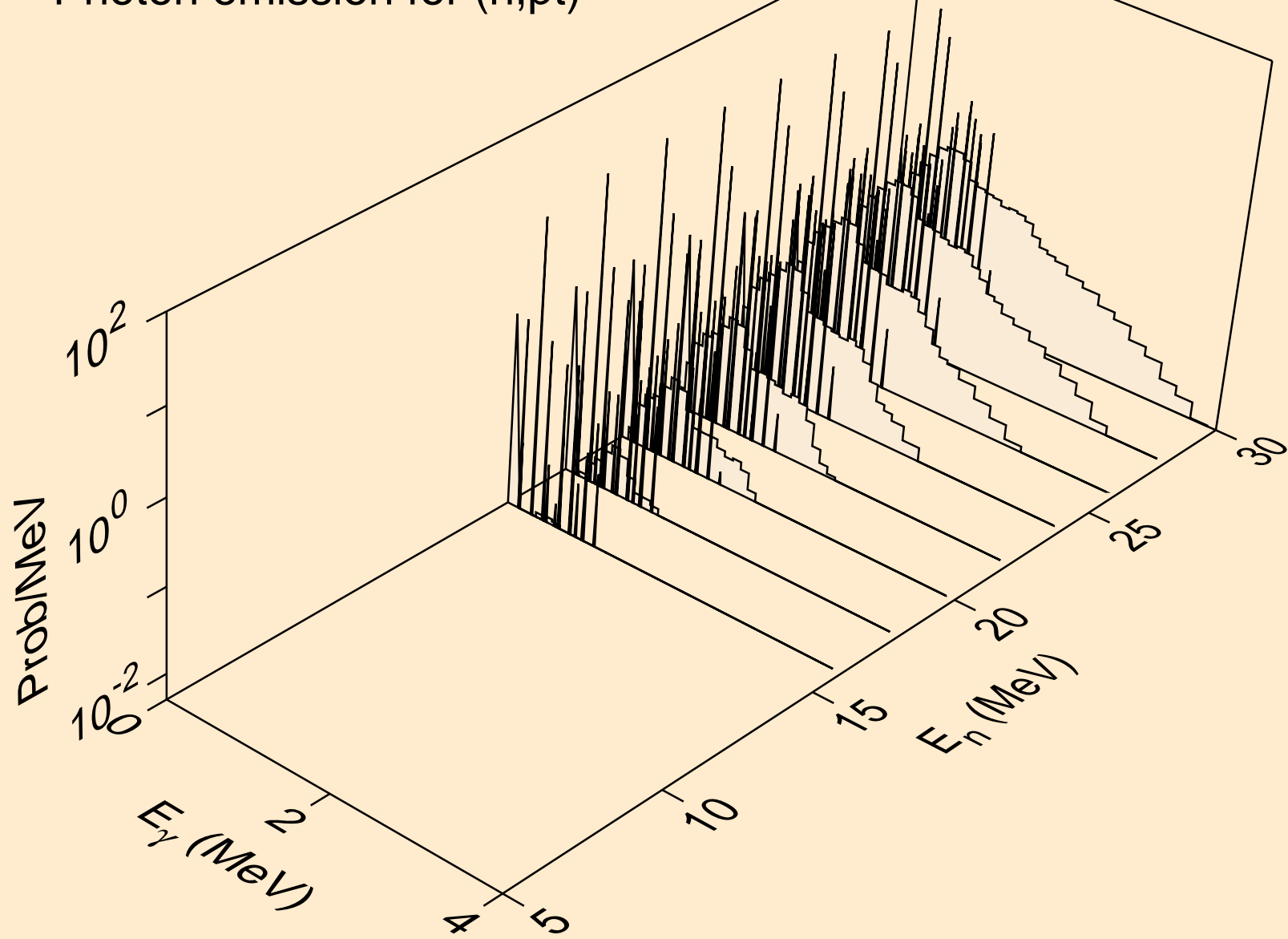
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)

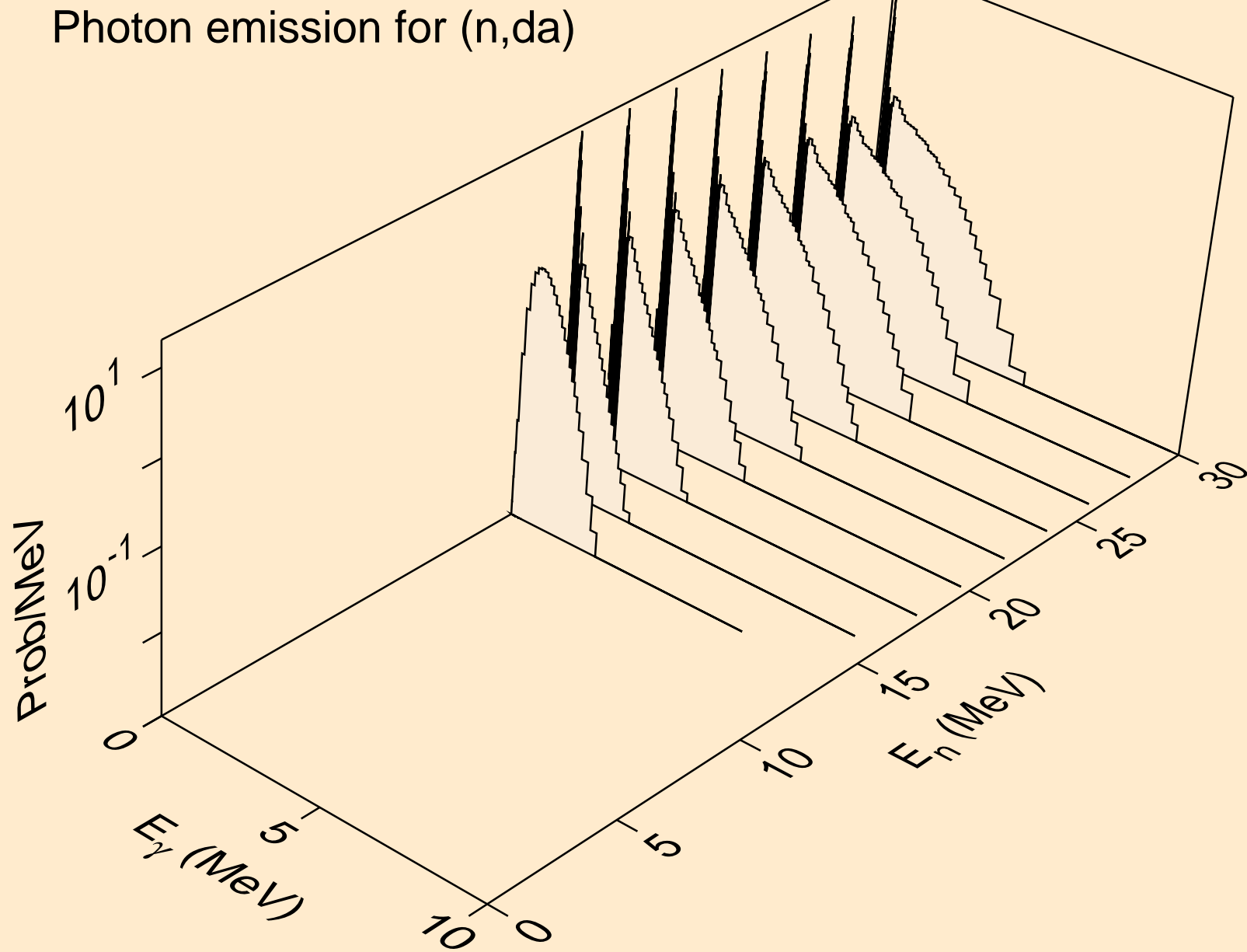


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

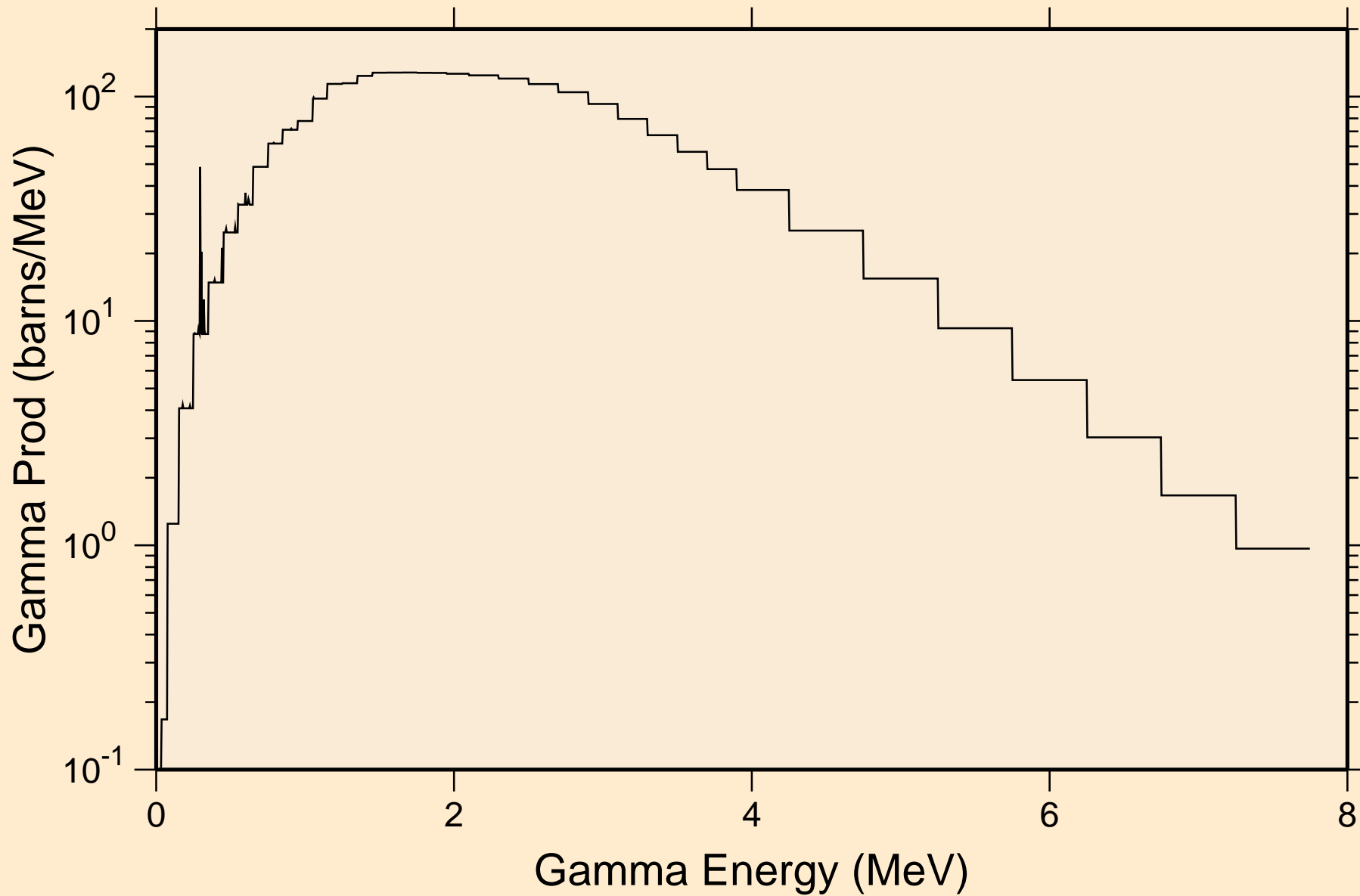




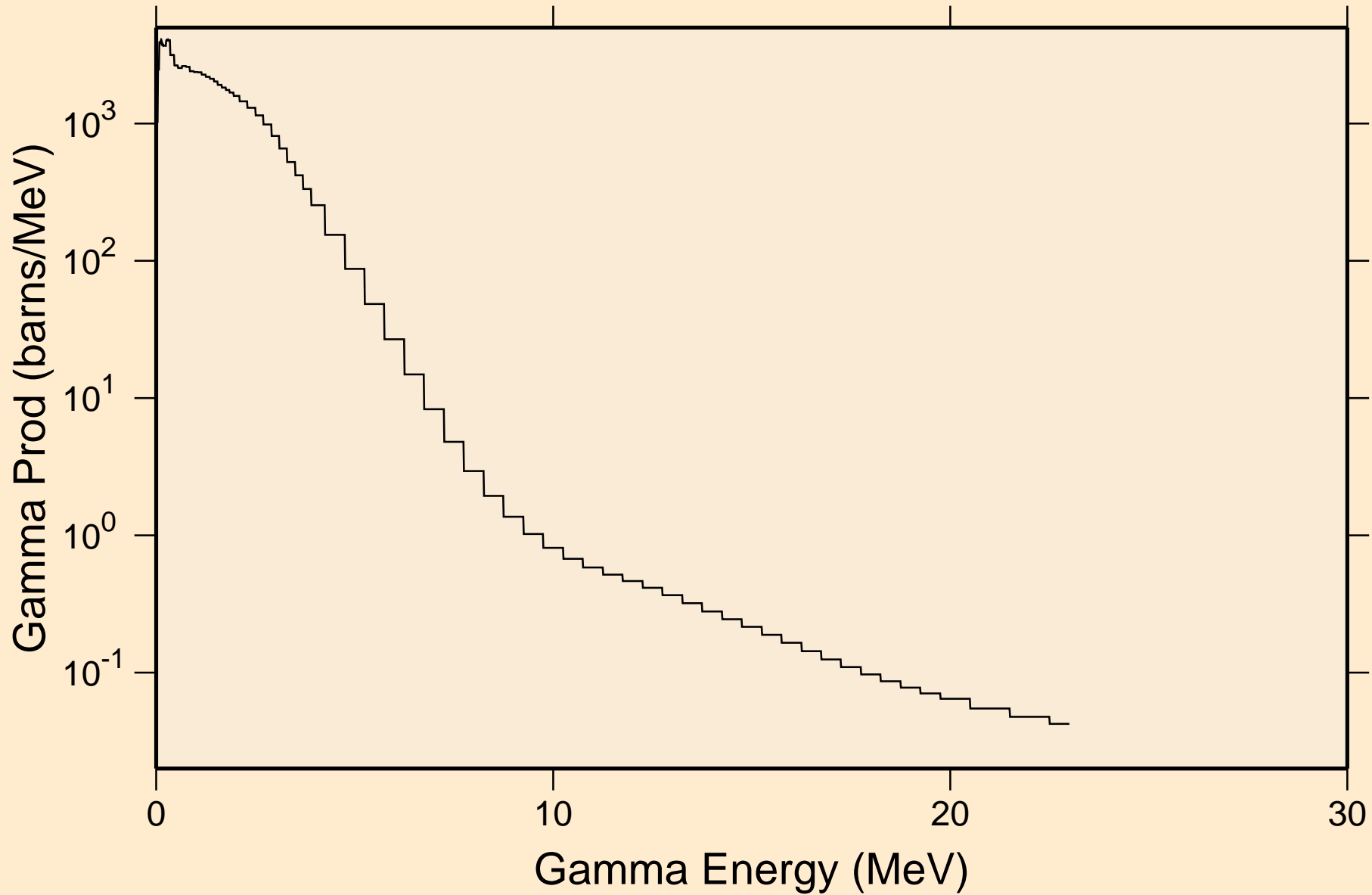
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



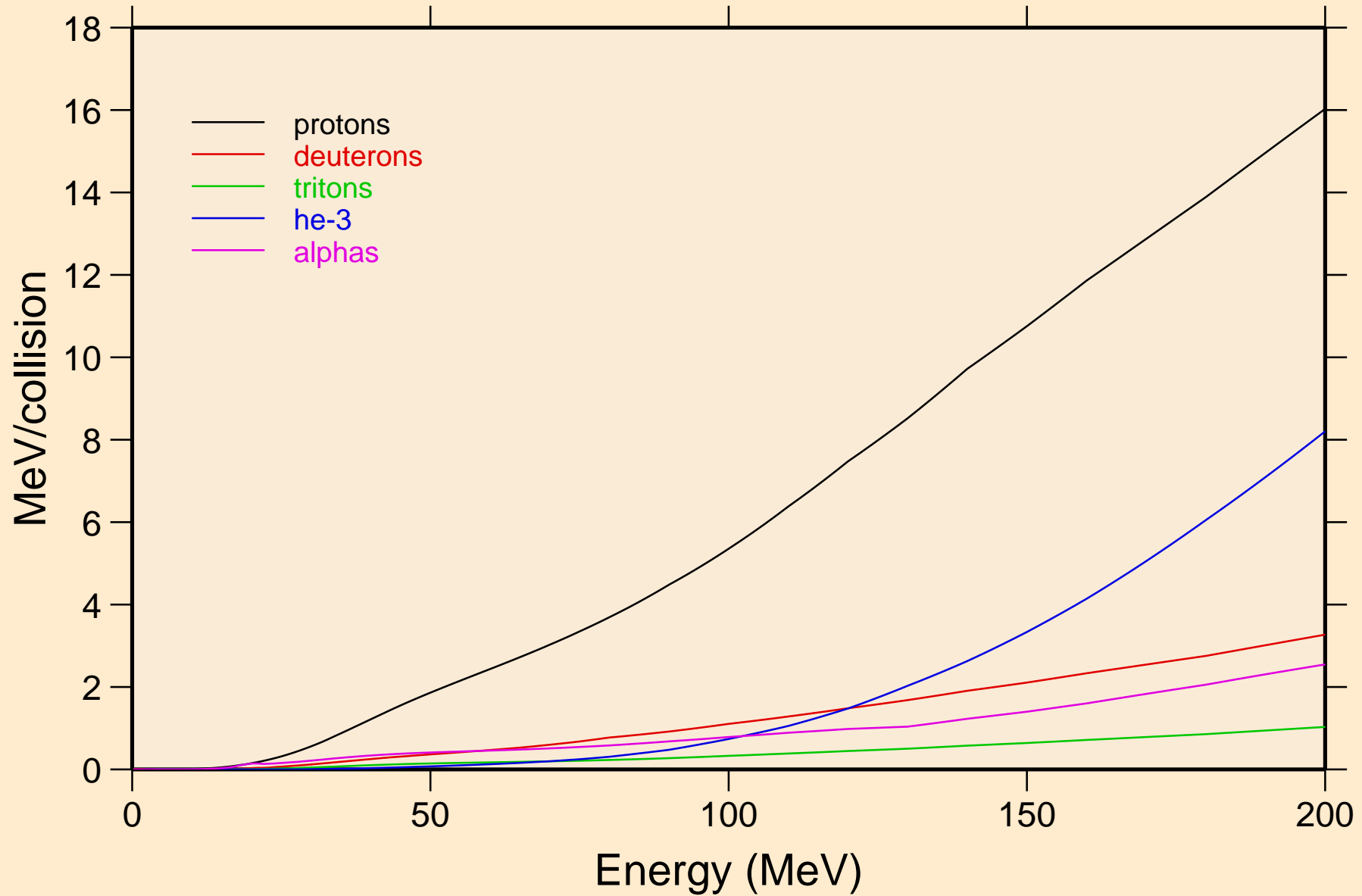
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
thermal capture photon spectrum



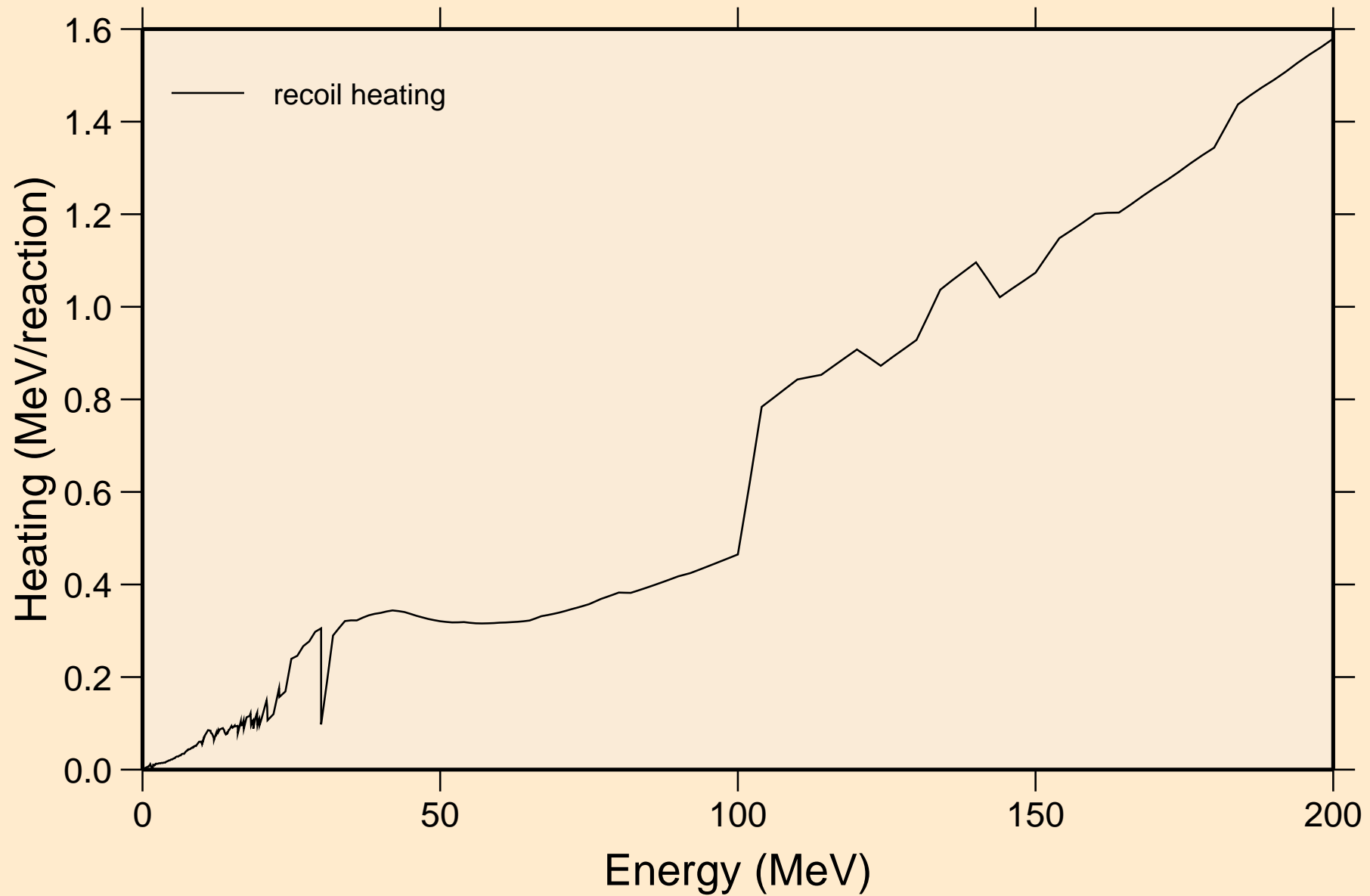
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
14 MeV photon spectrum



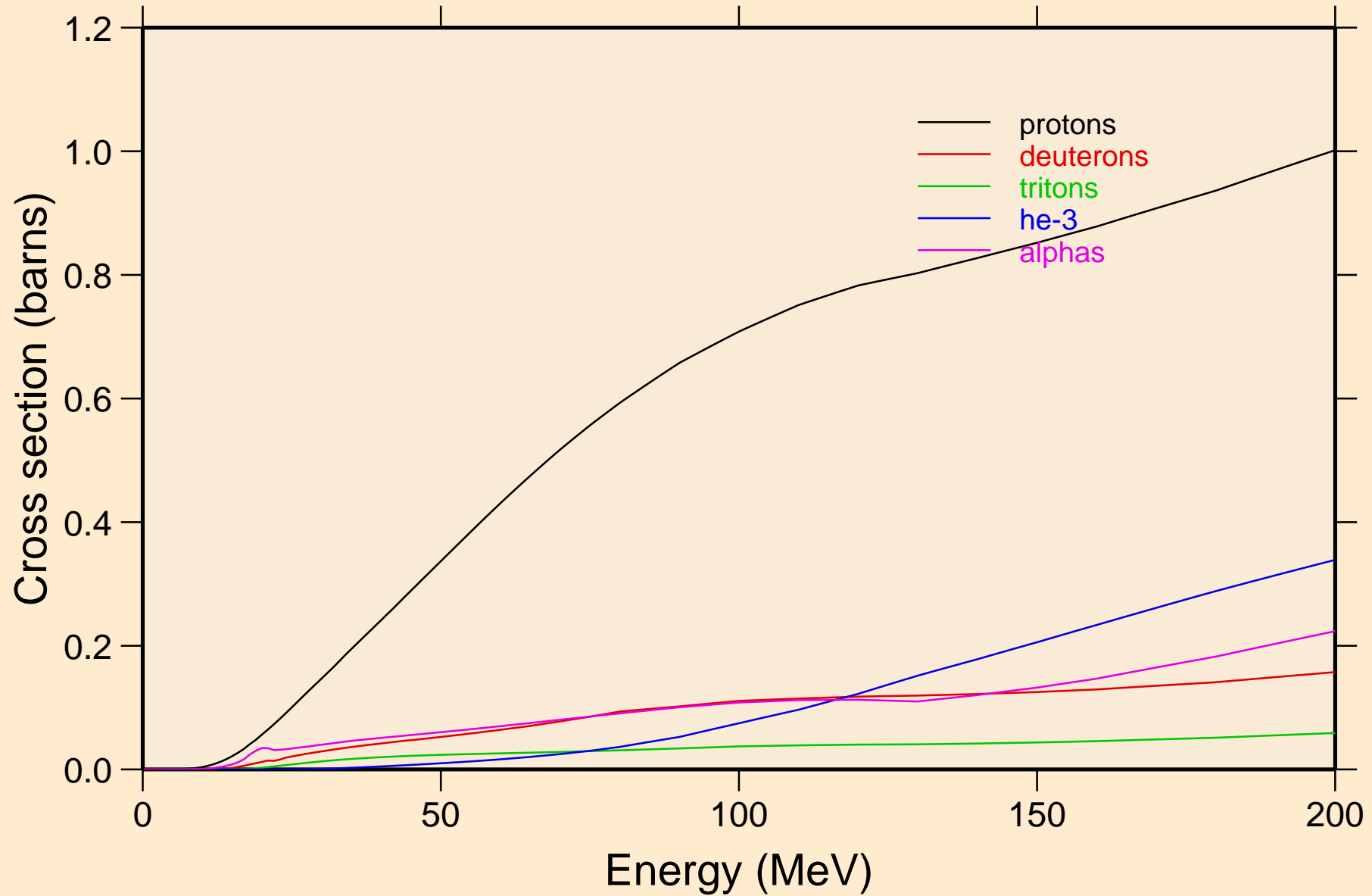
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



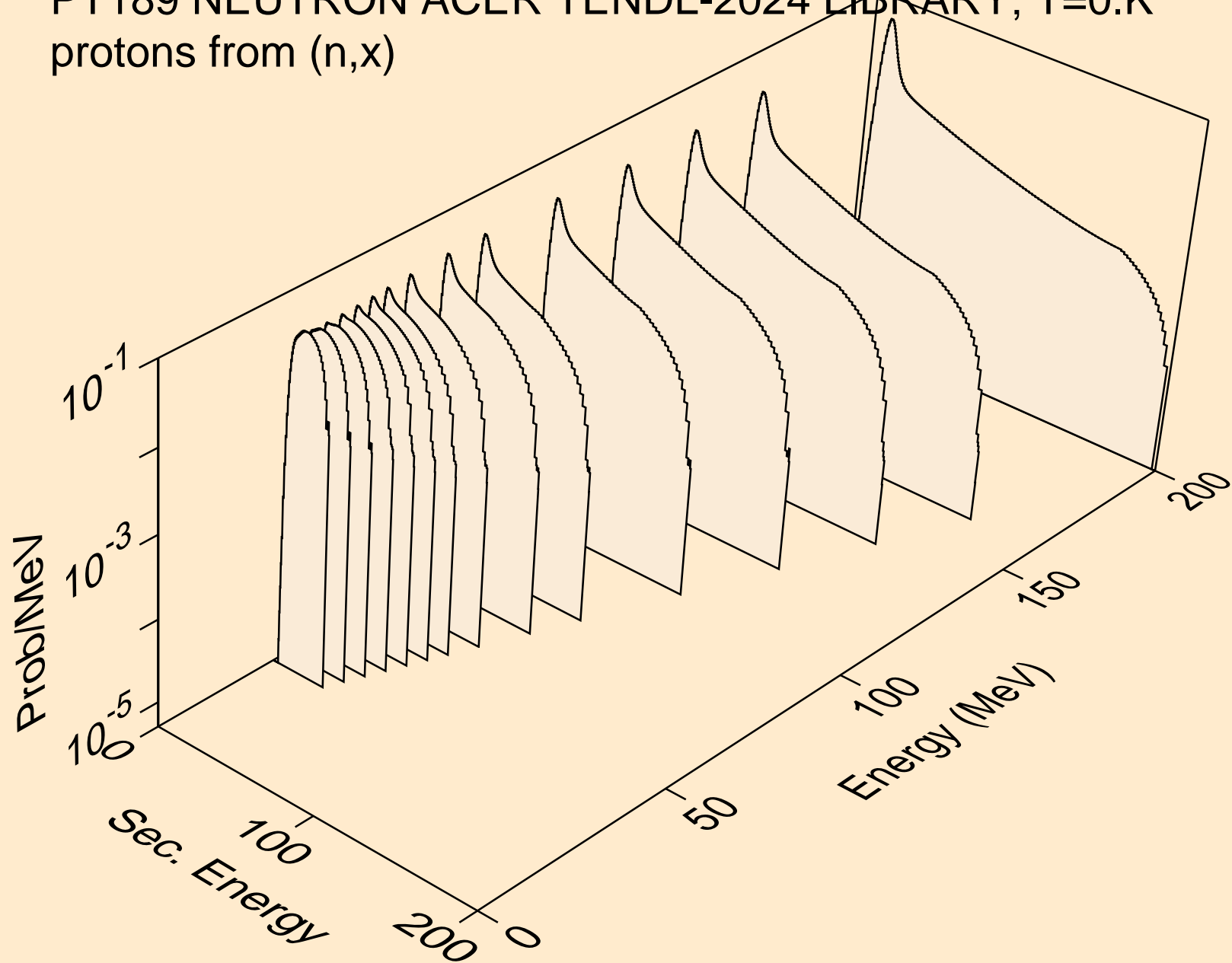
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



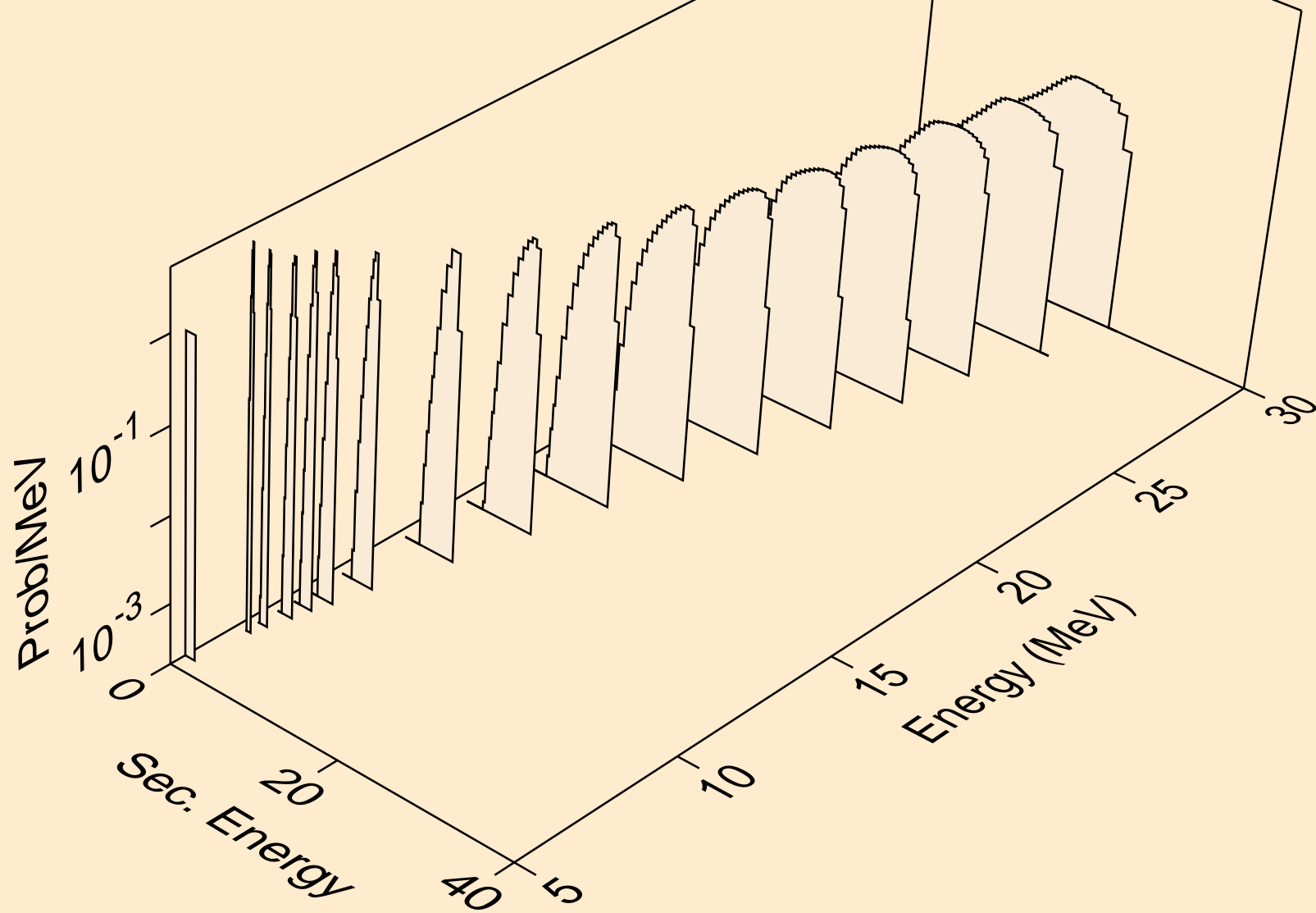
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,x)

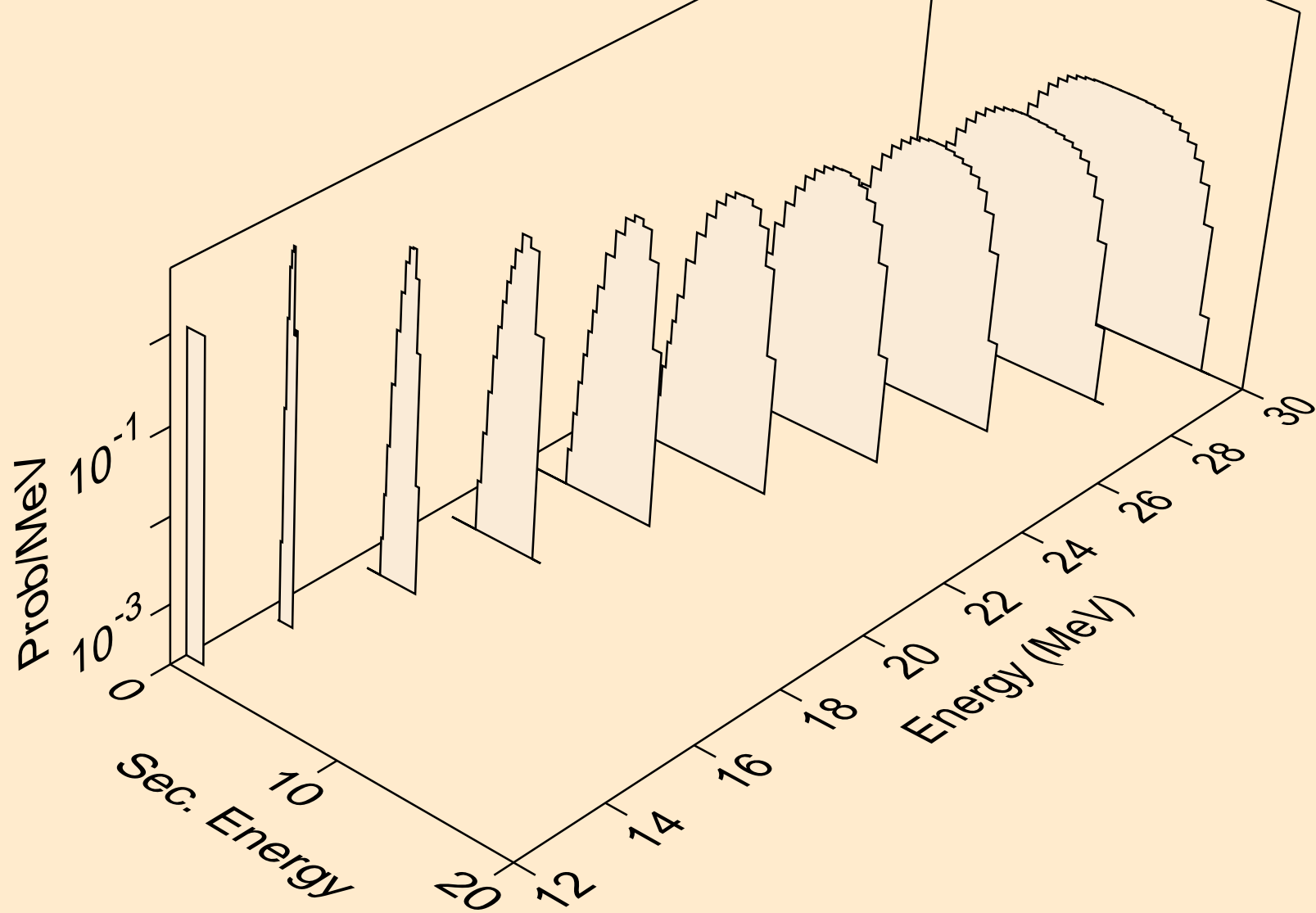


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n\*)p

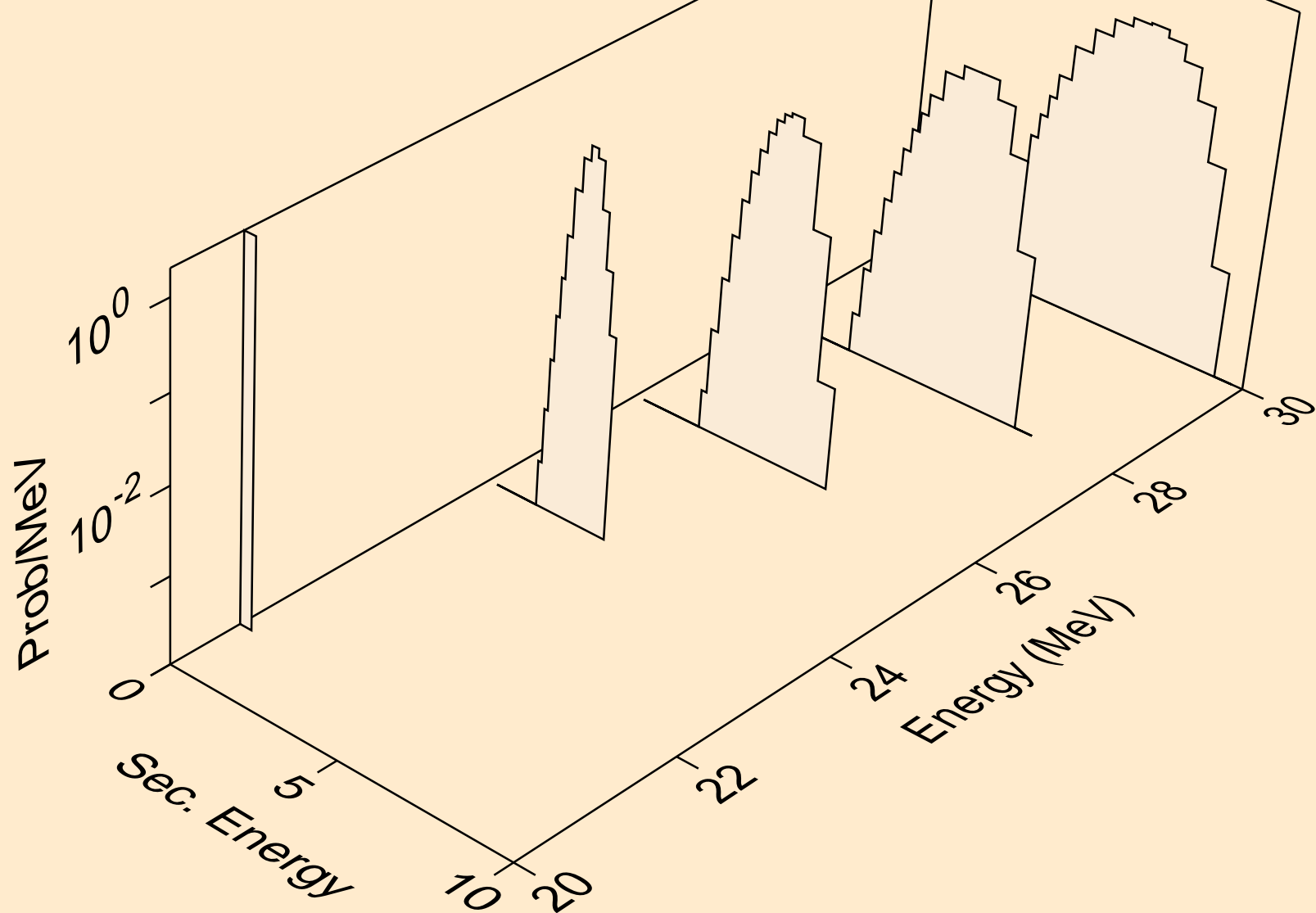




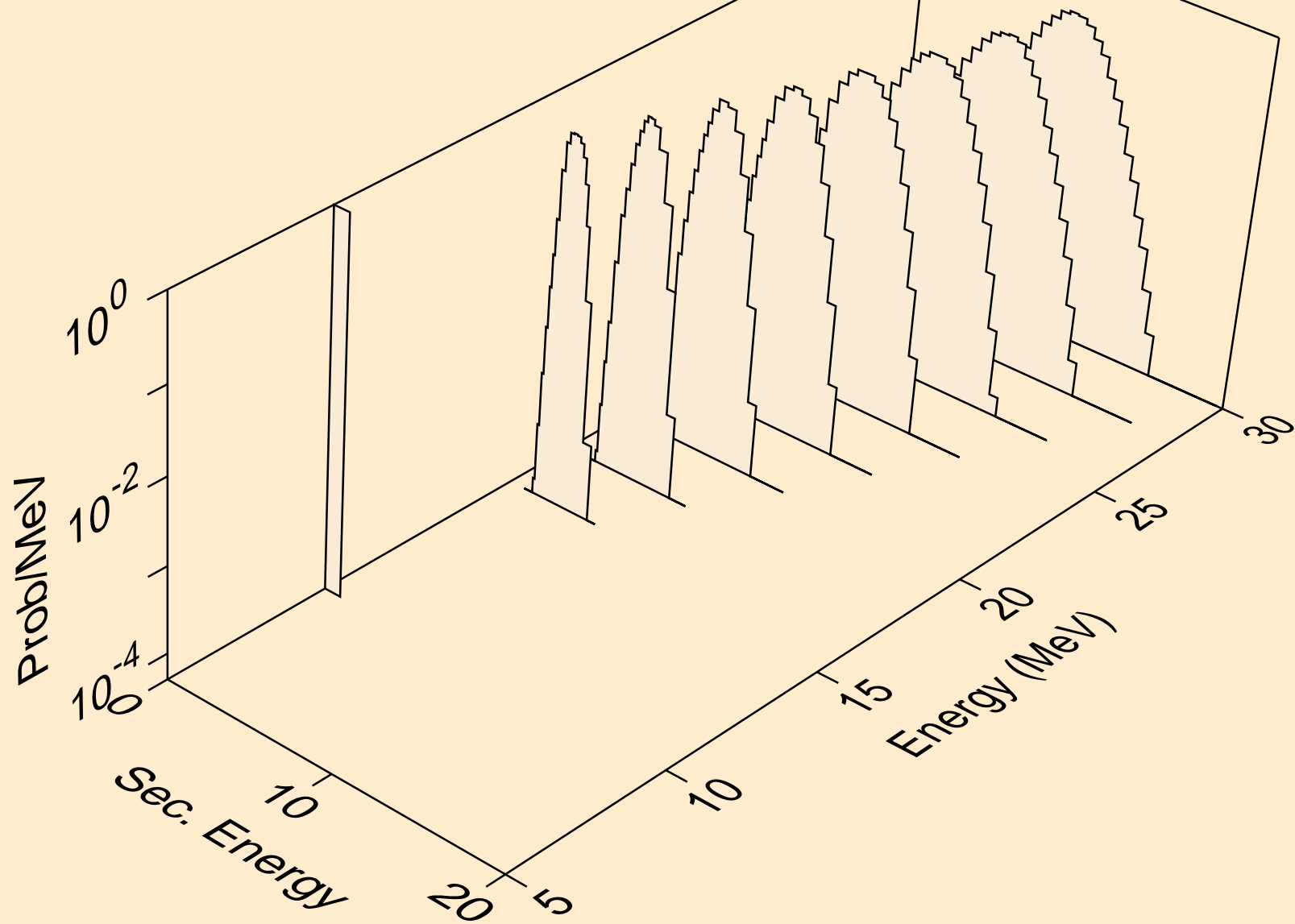
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2np)



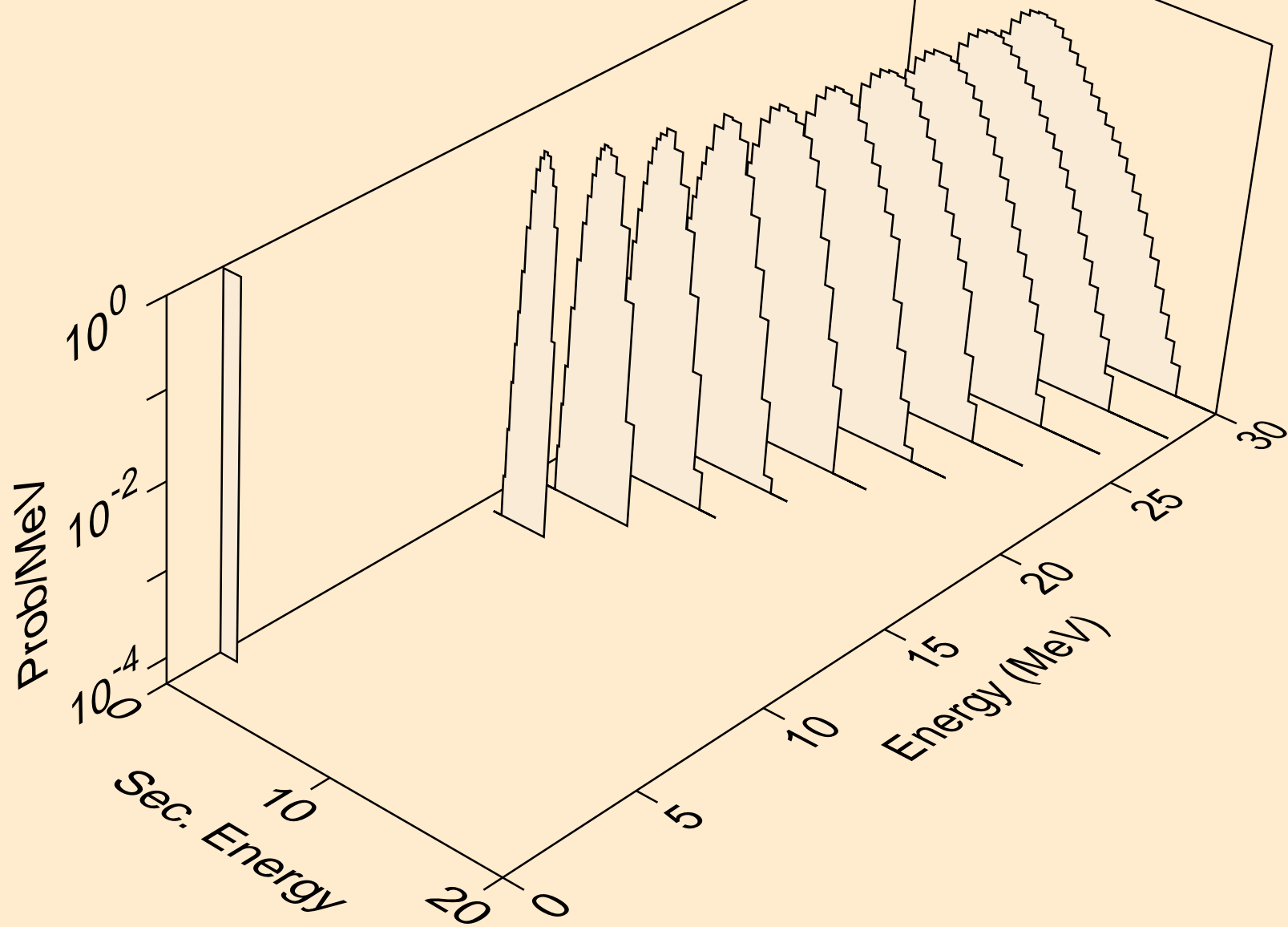
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,3np)



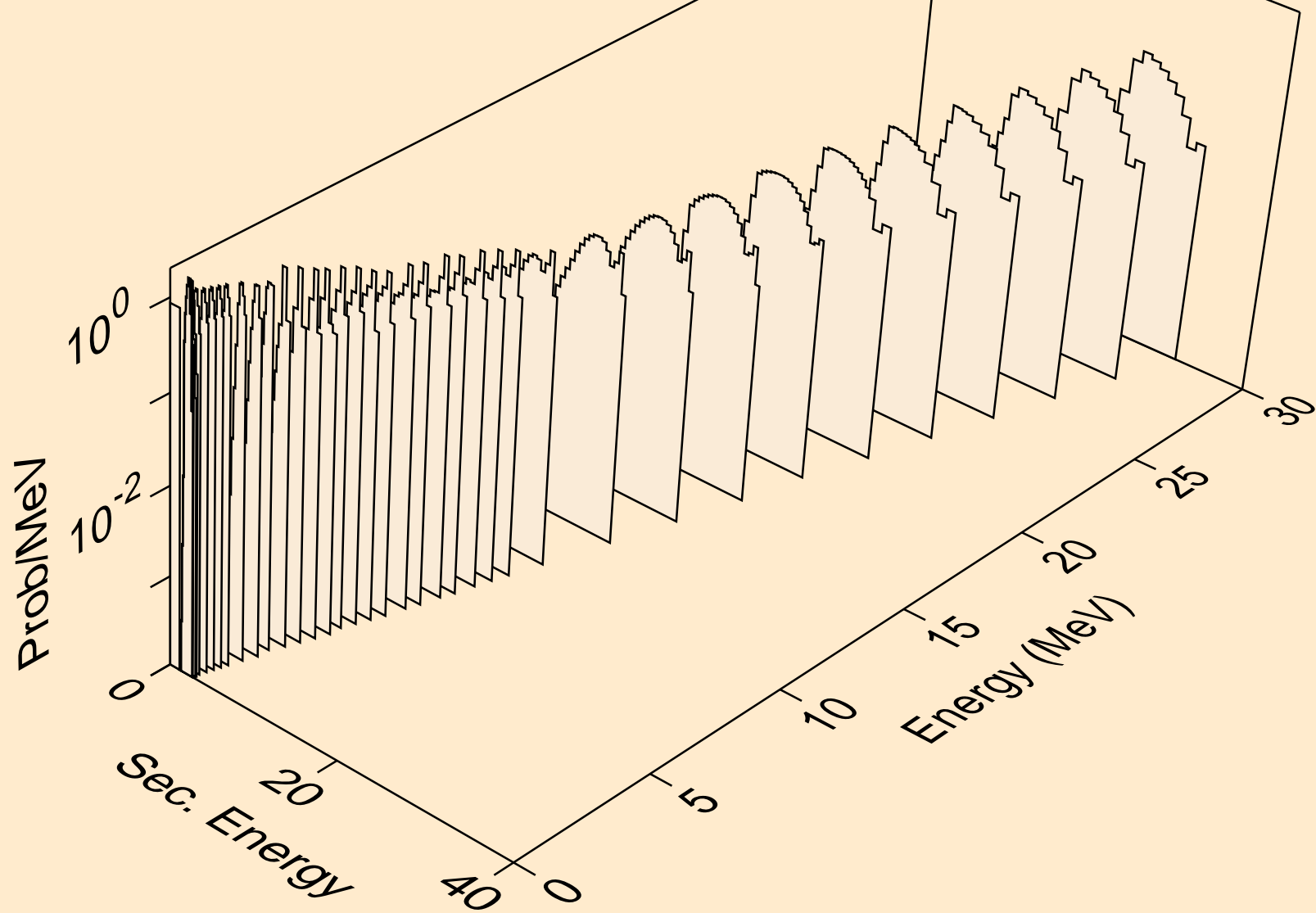
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,n2p)



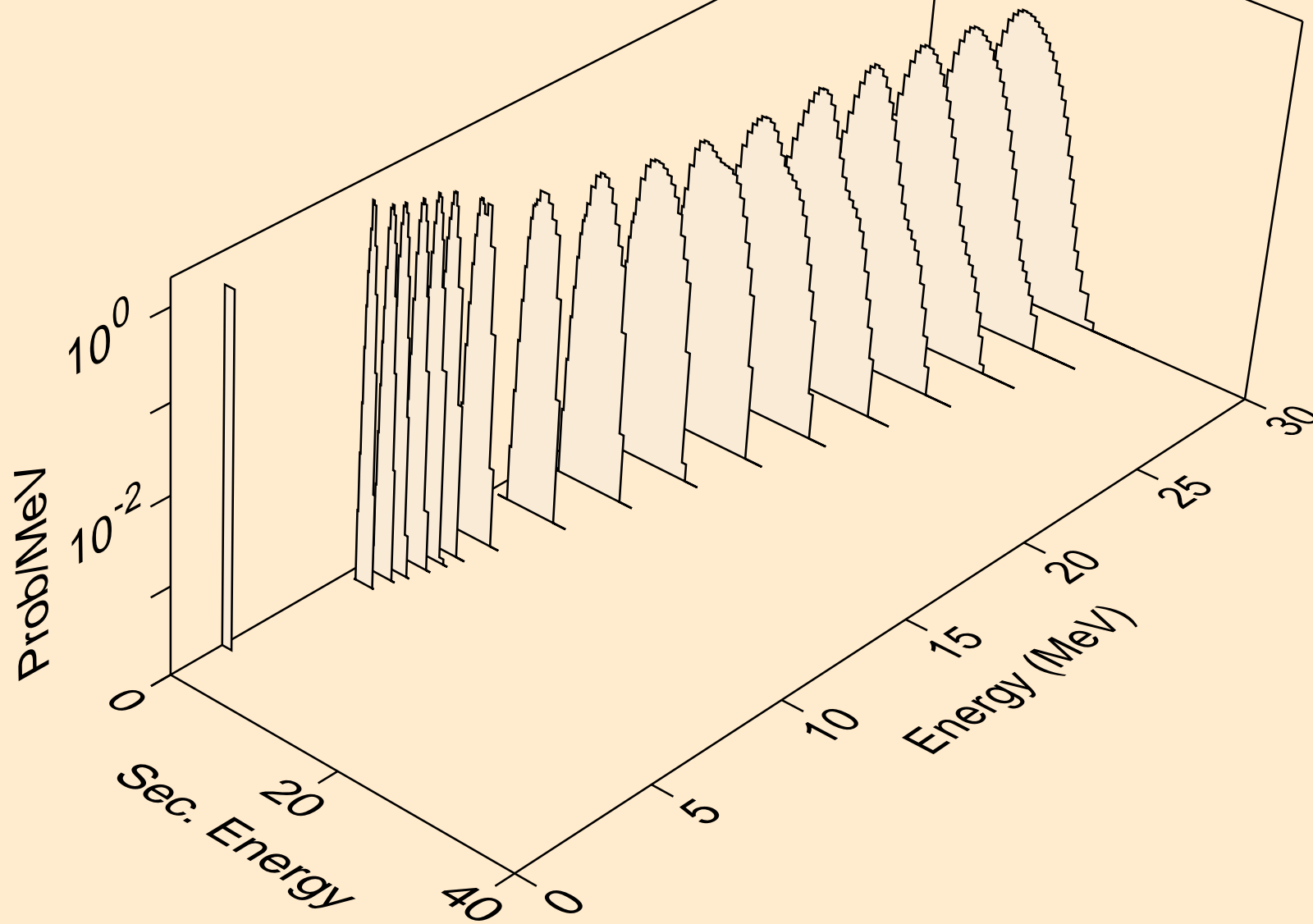
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,npa)



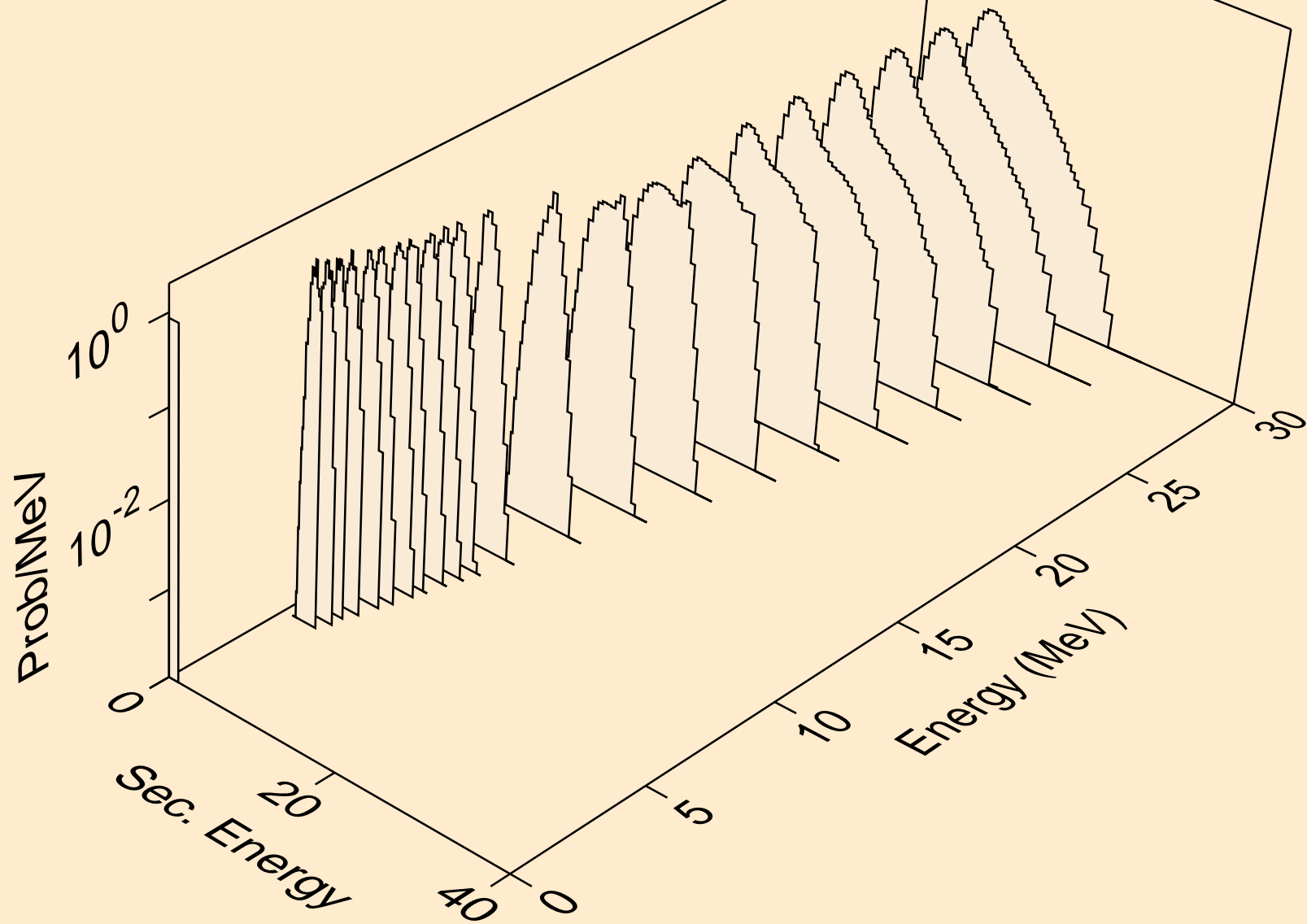
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)



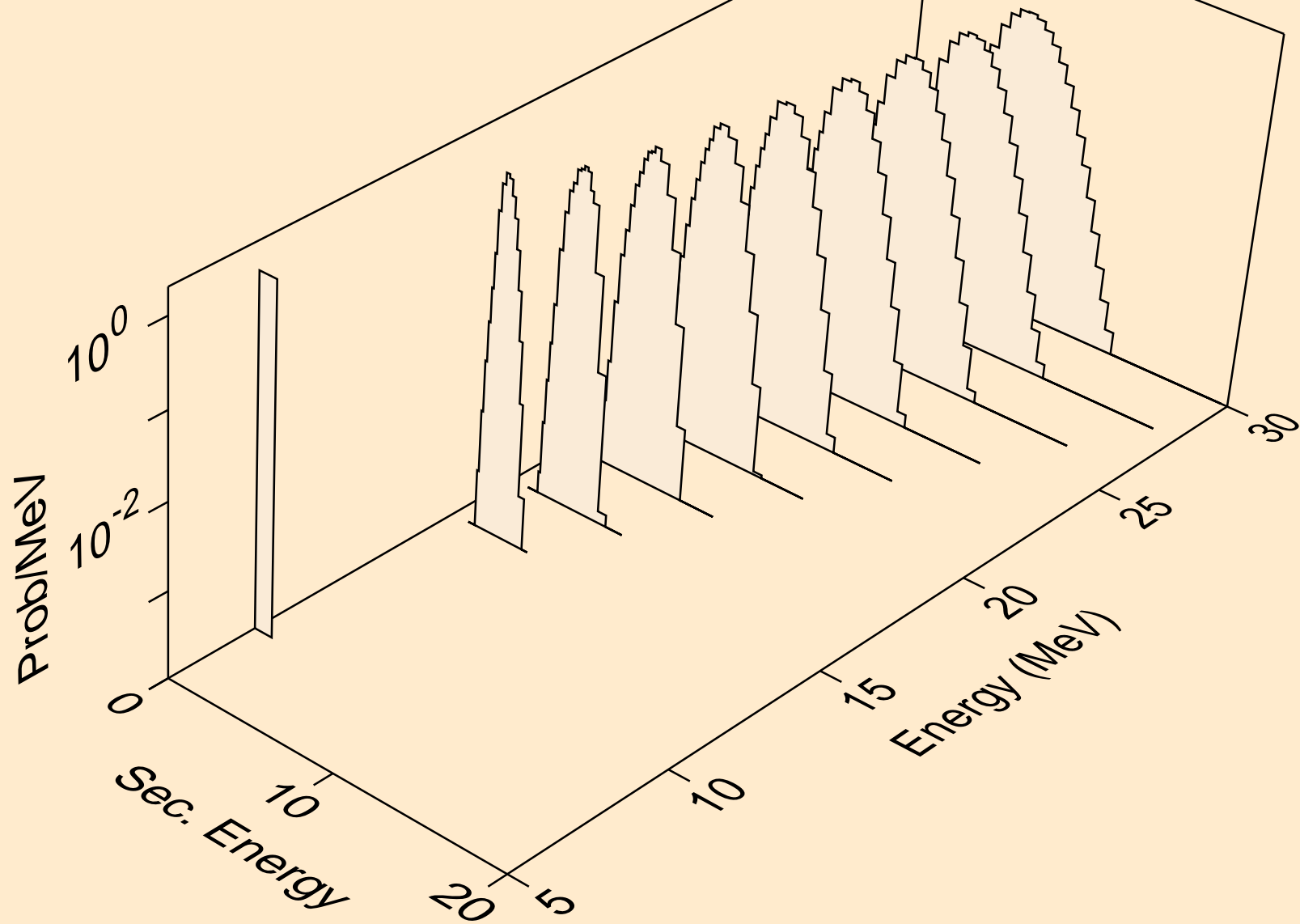
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,2p)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,p)

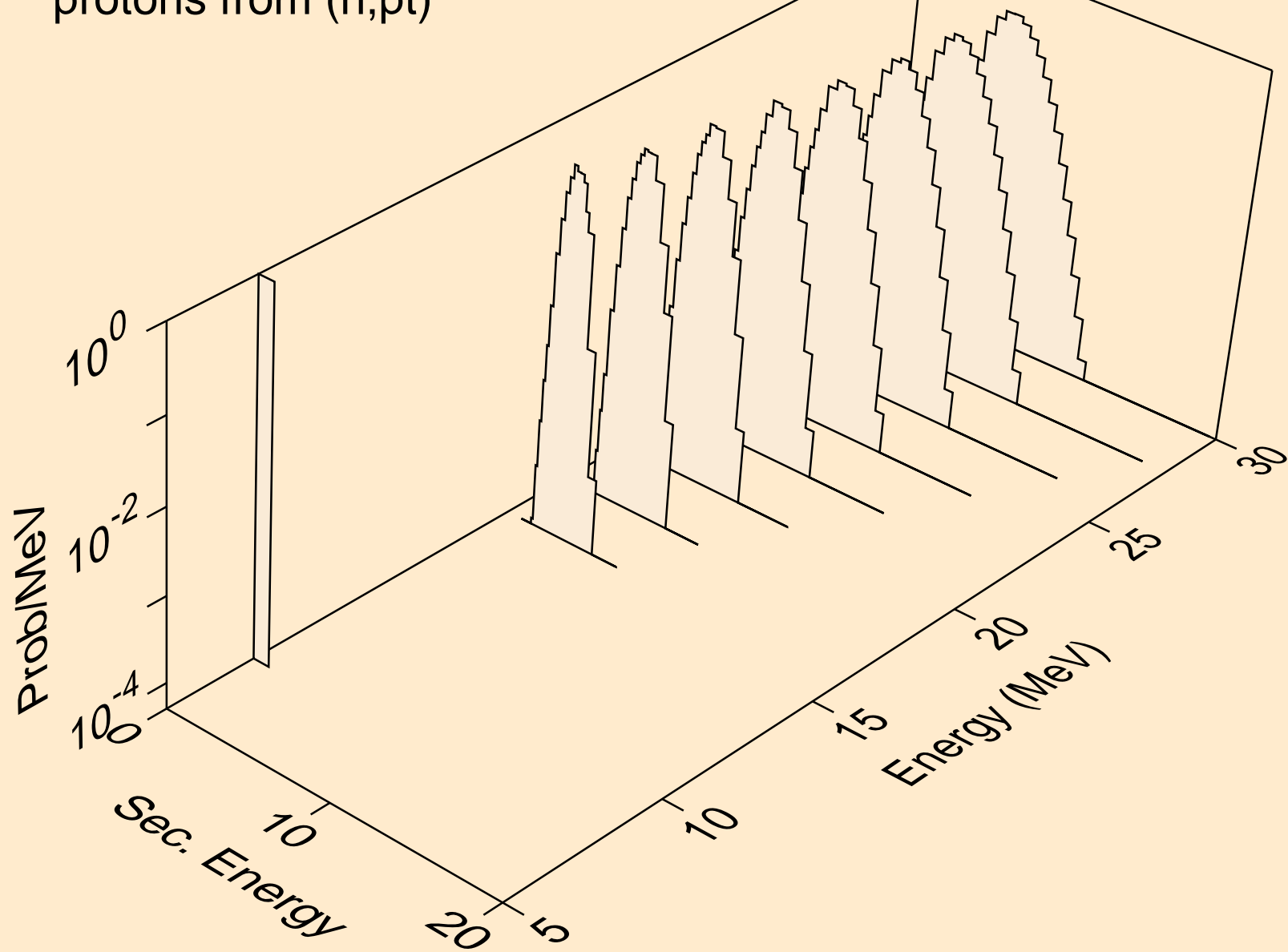


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pd)

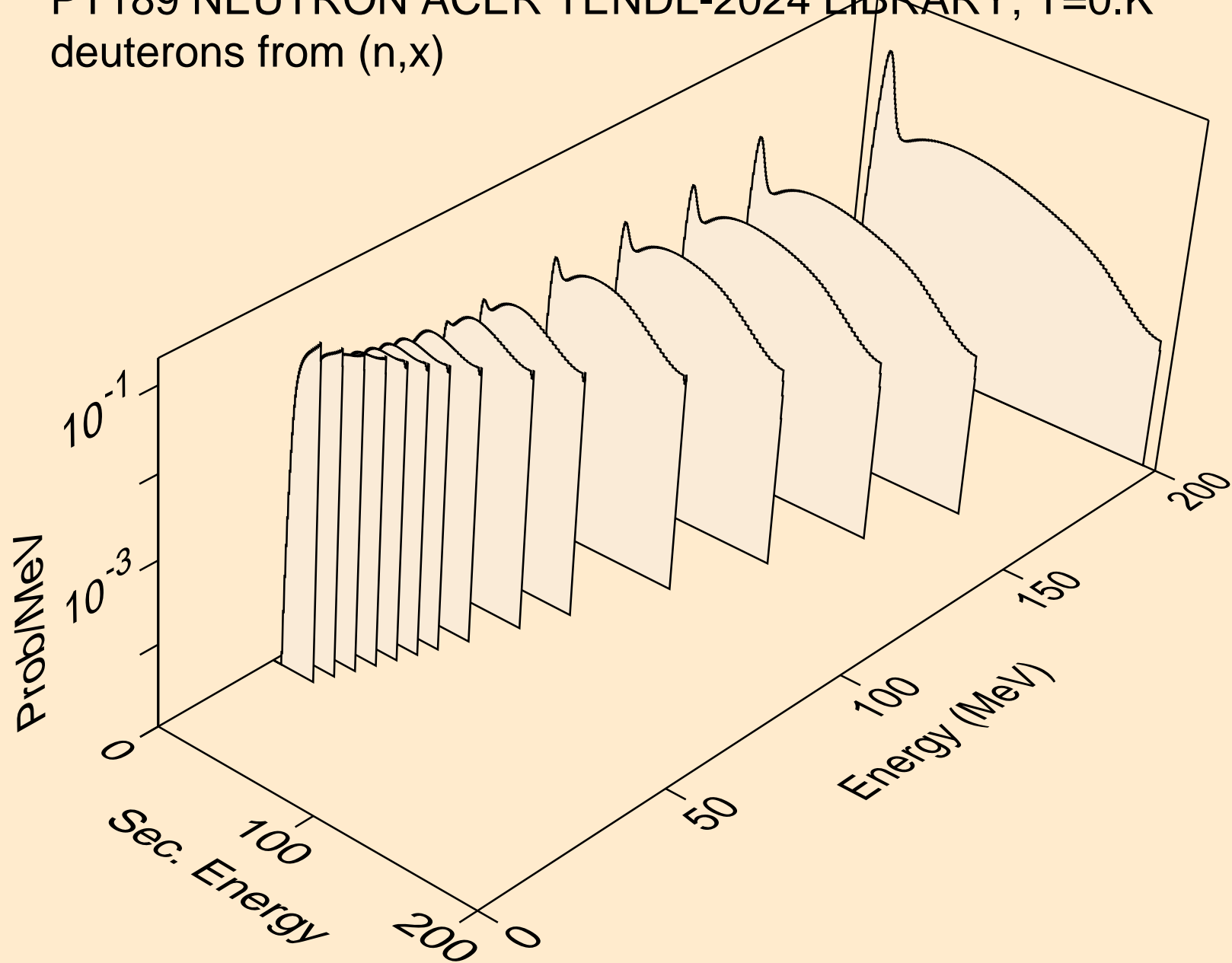




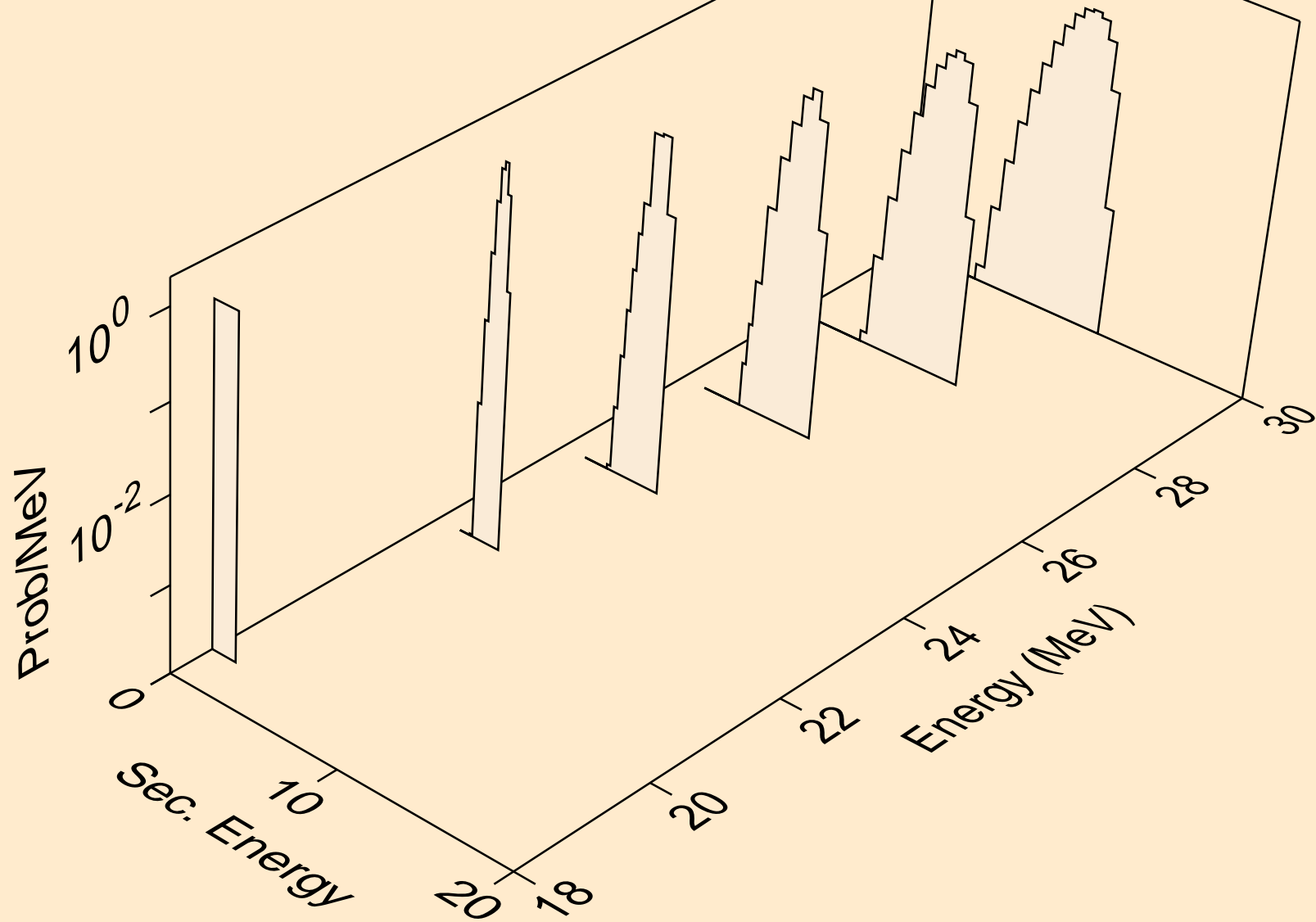
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
protons from (n,pt)



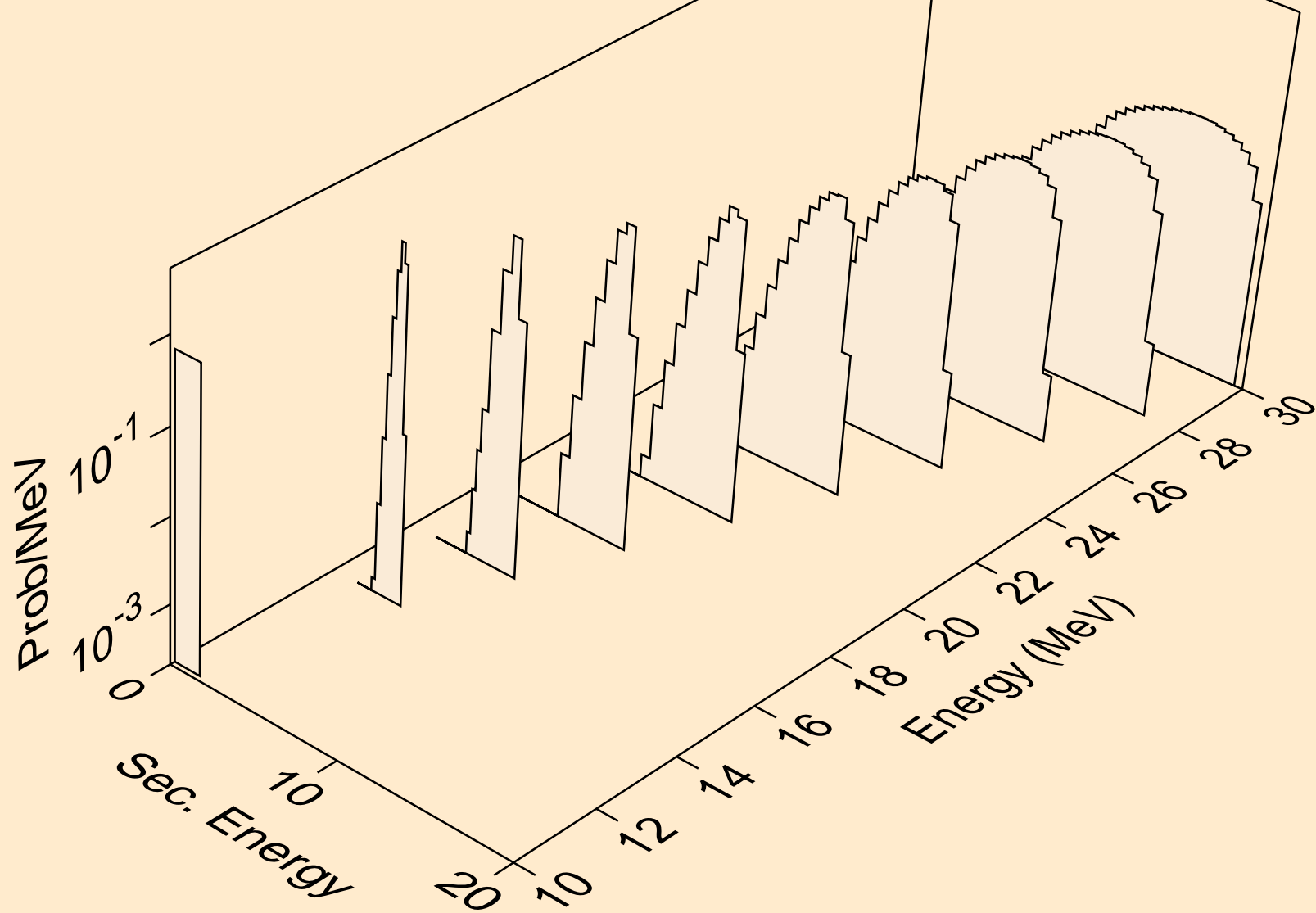
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,x)



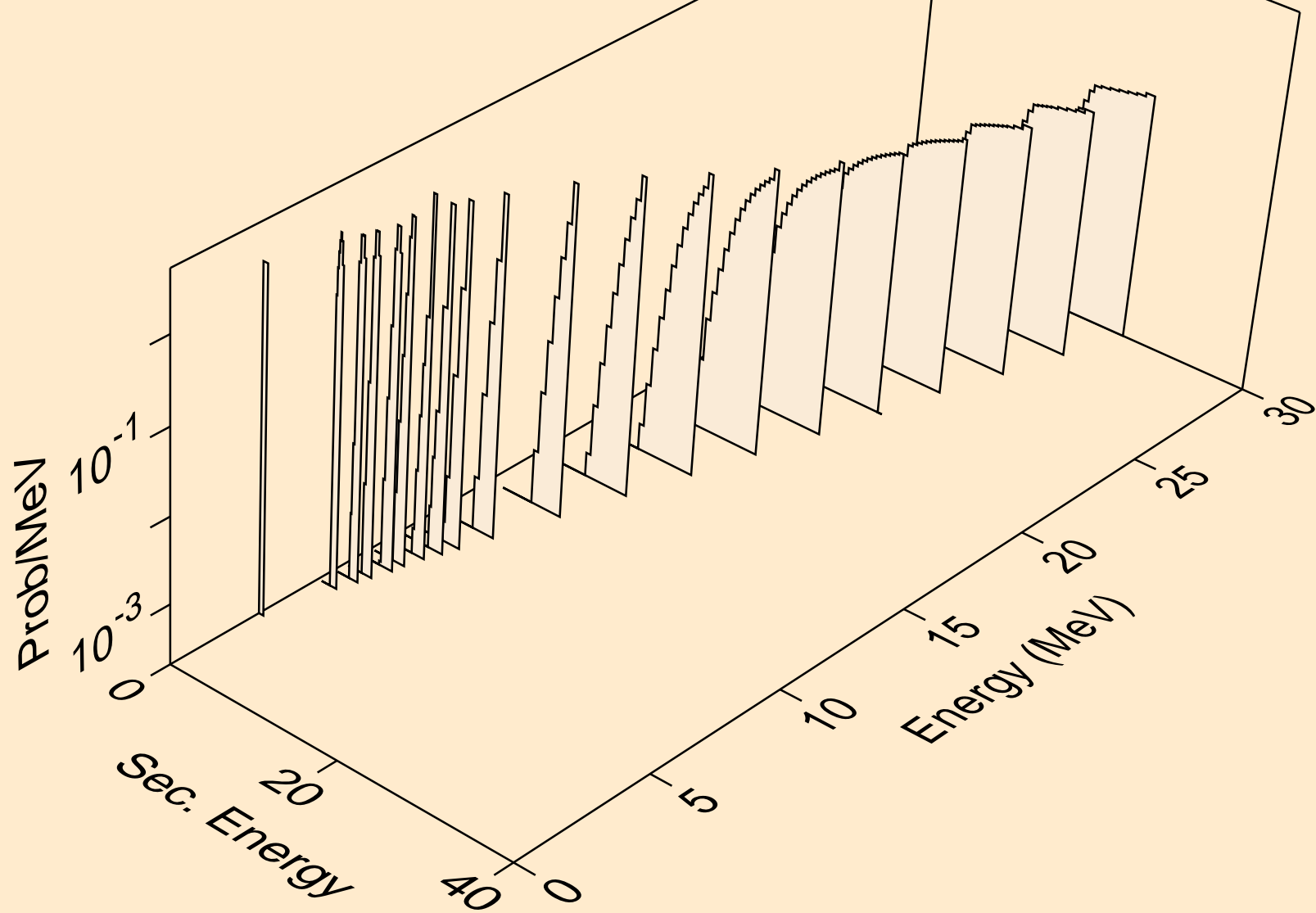
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deuterons from (n,2nd)



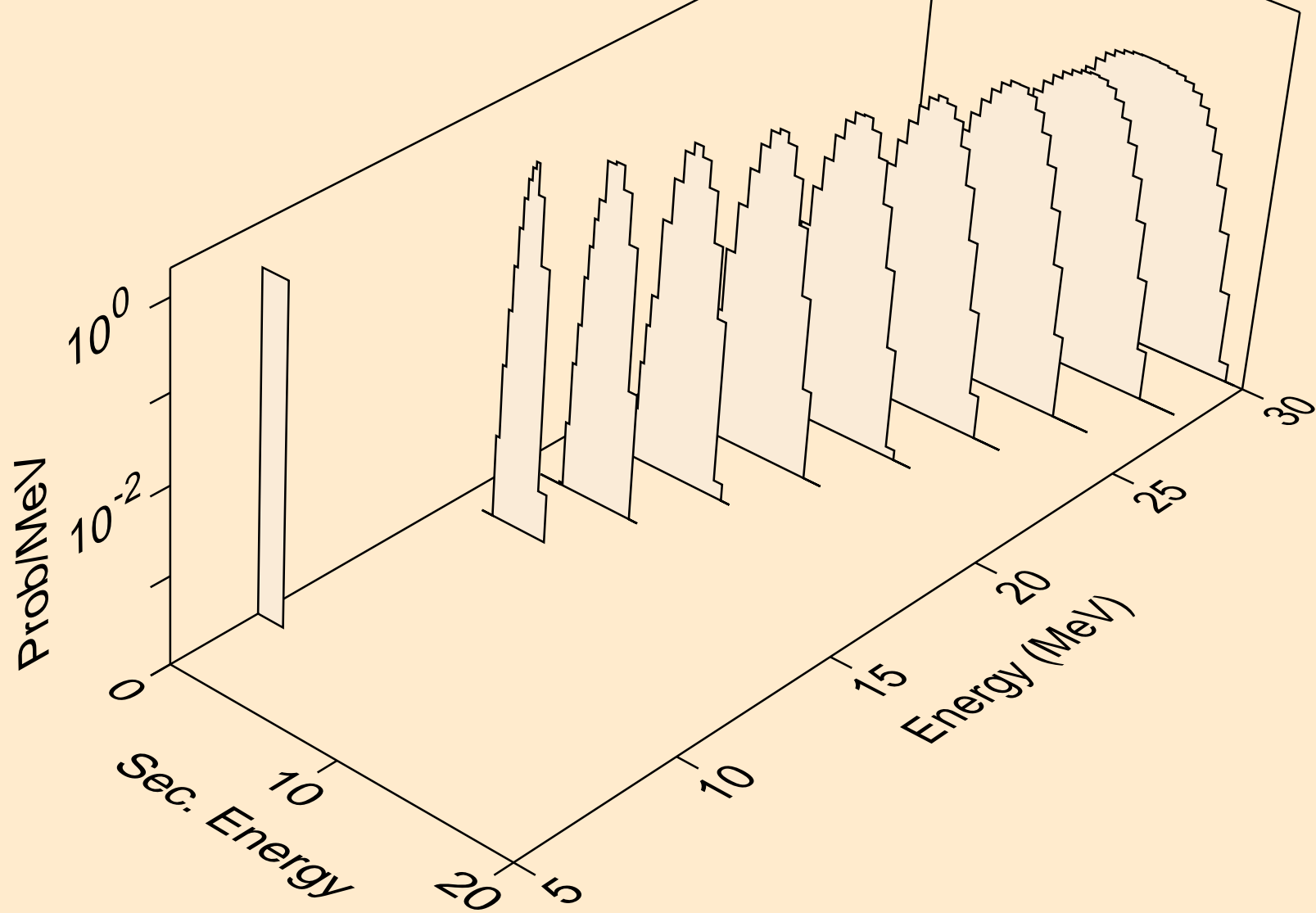
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,n\*)d



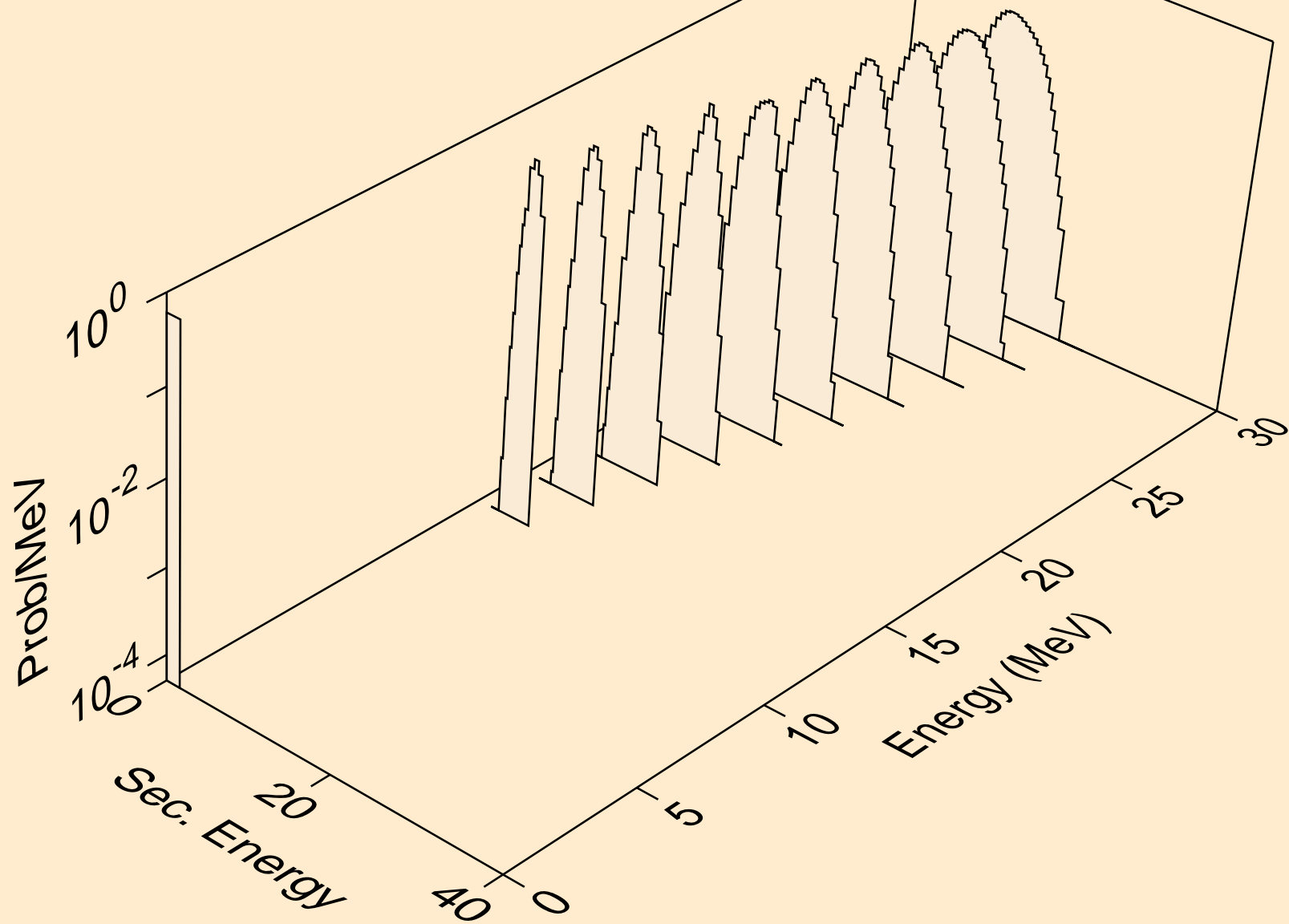
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,d)



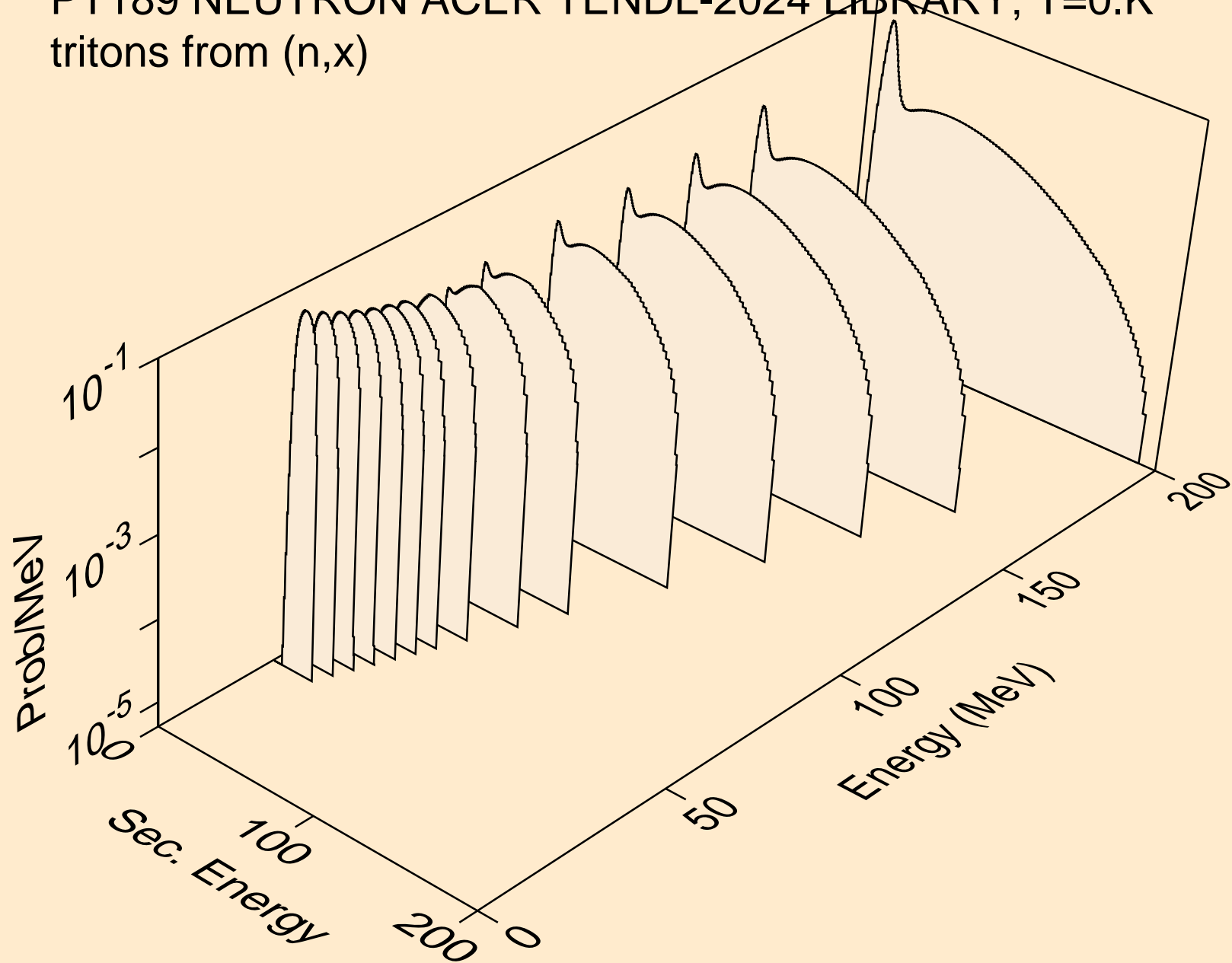
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,pd)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (n,da)

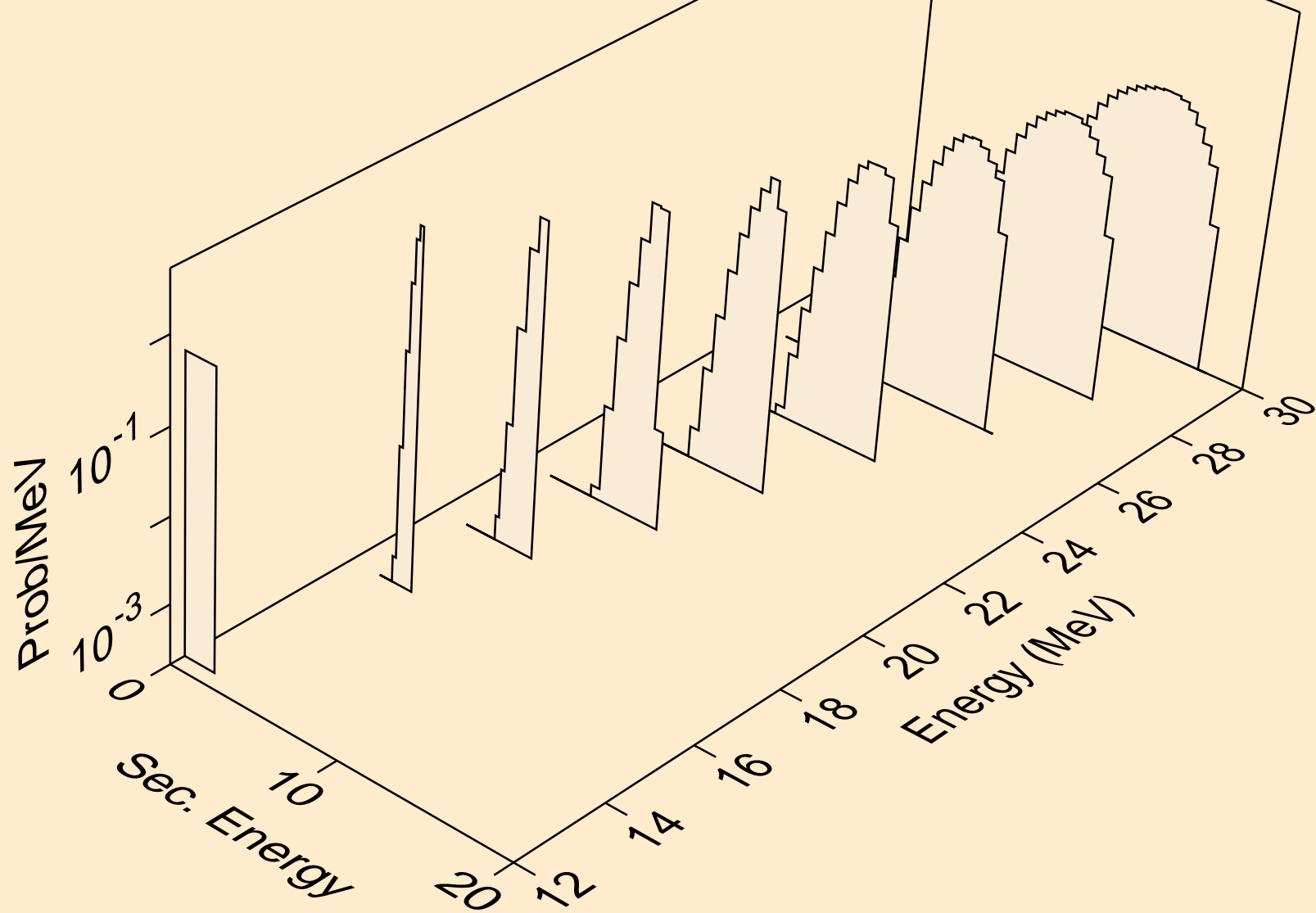


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,x)

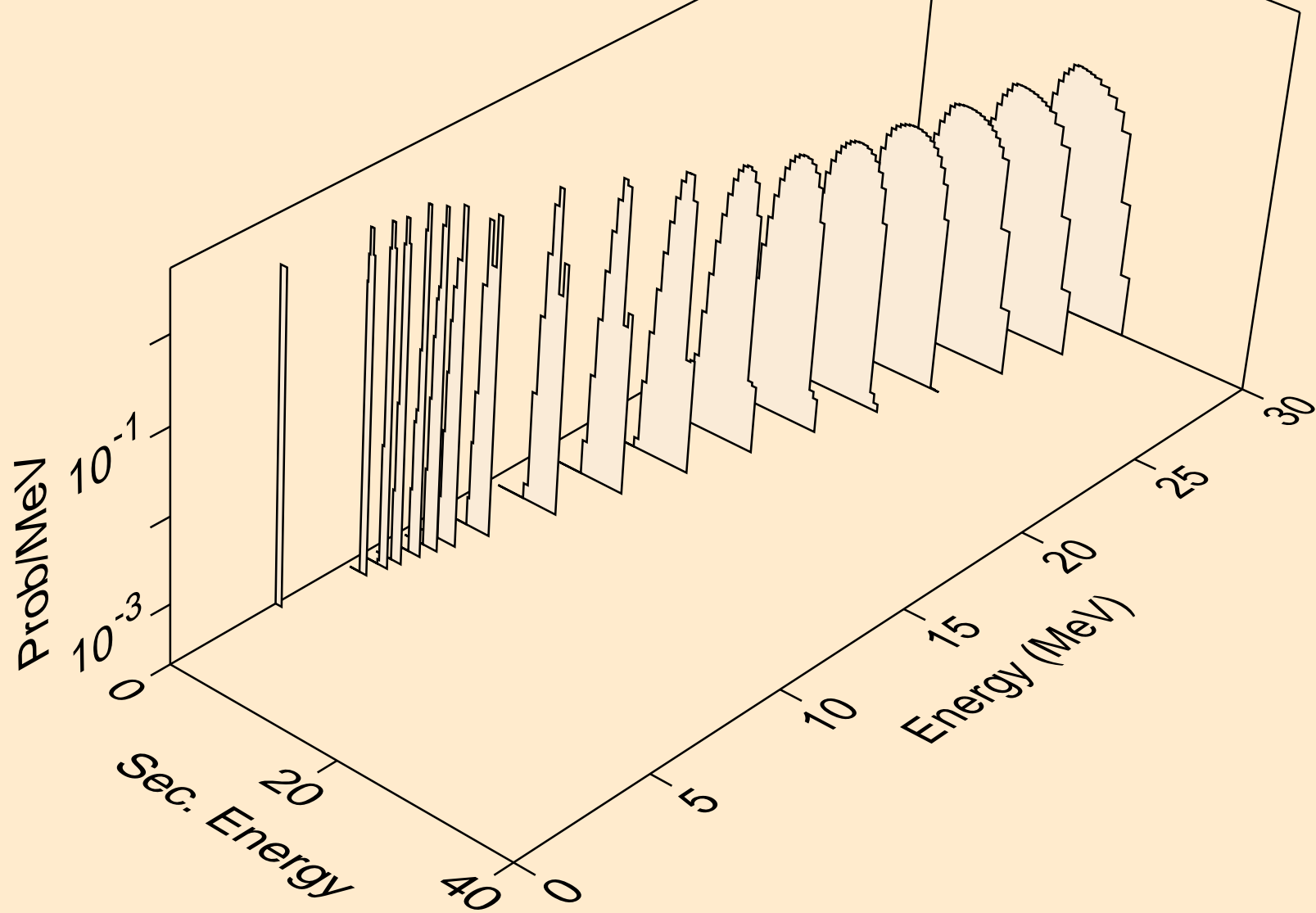




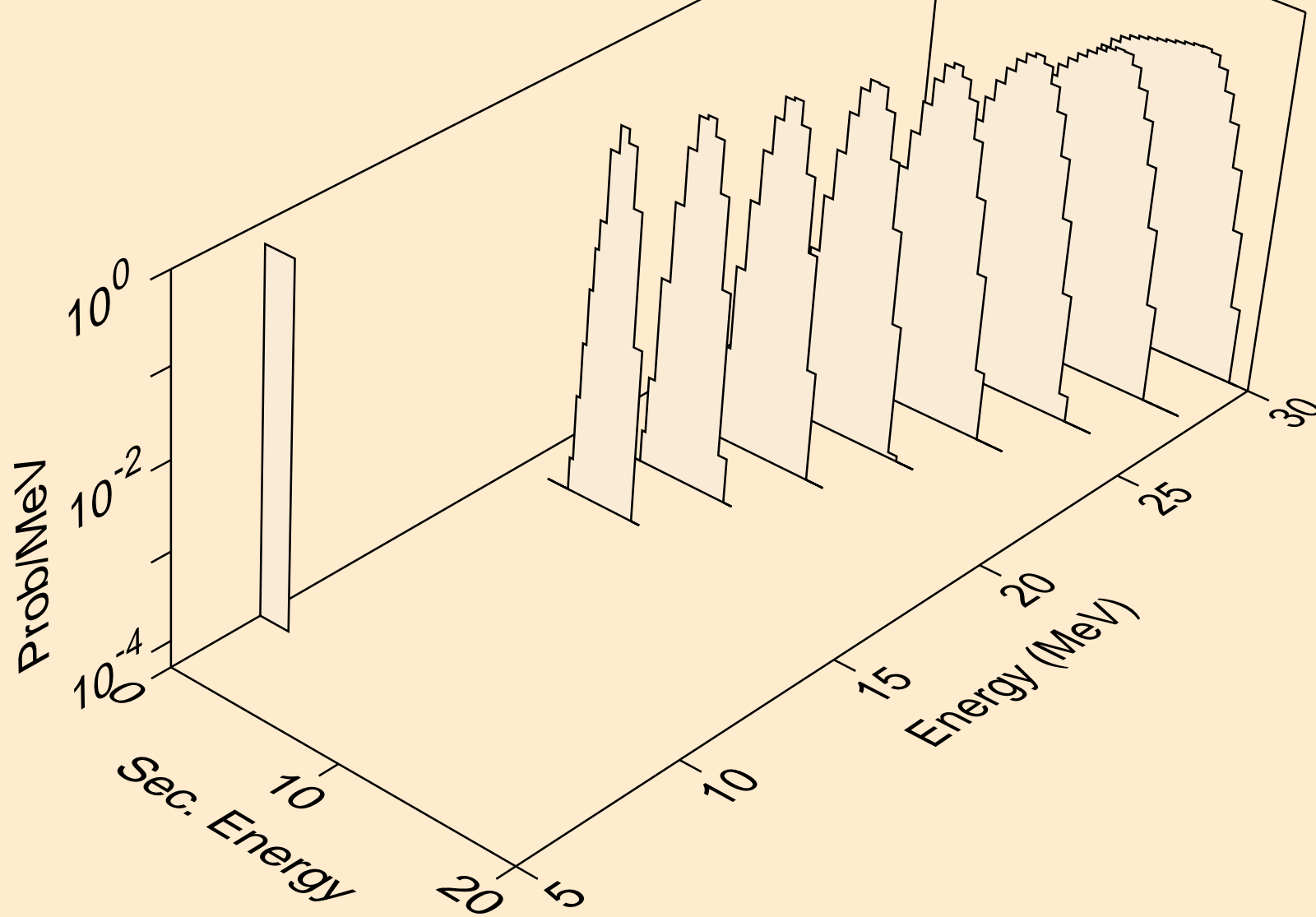
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (n,n\*)t



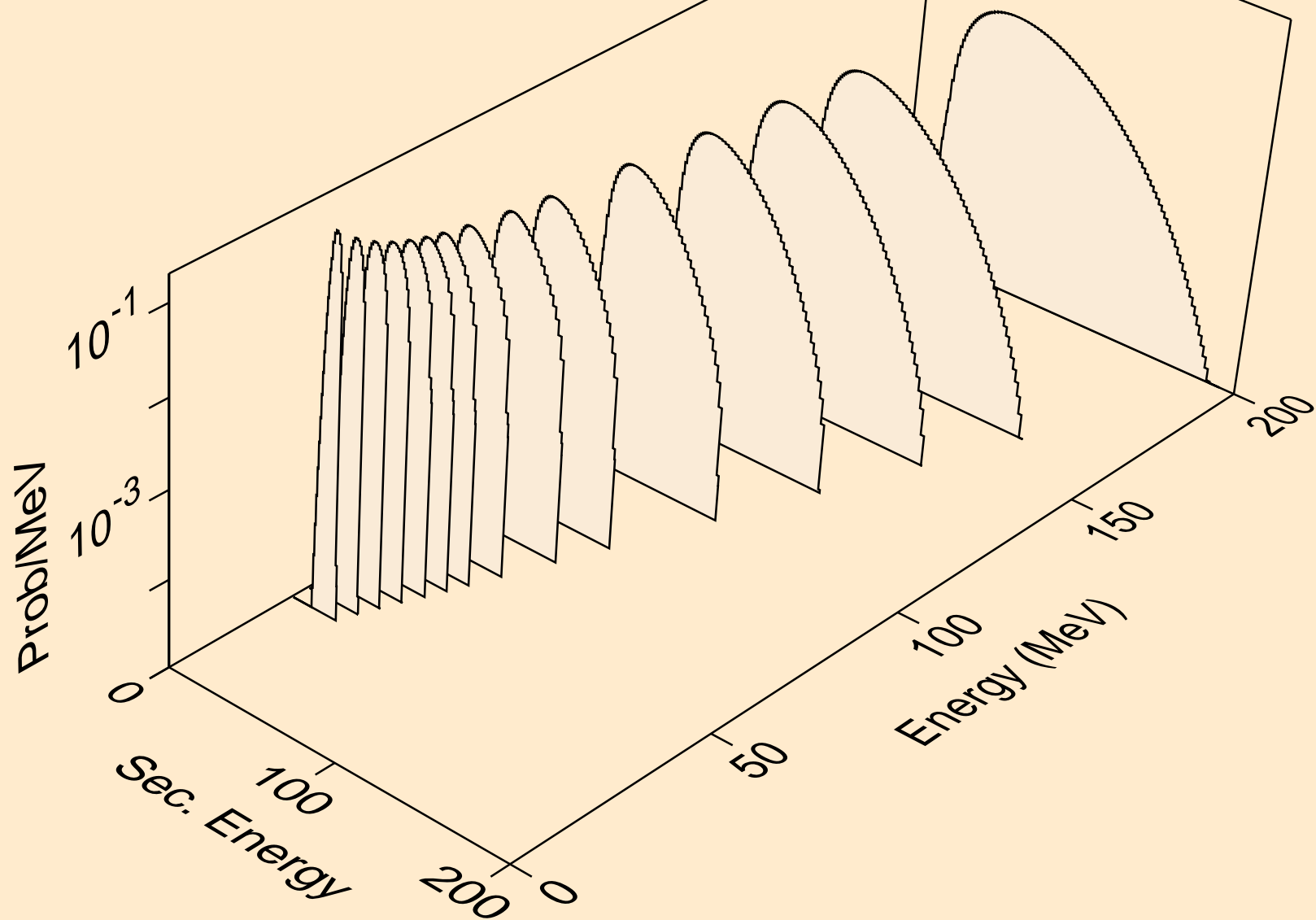
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tritons from (n,t)



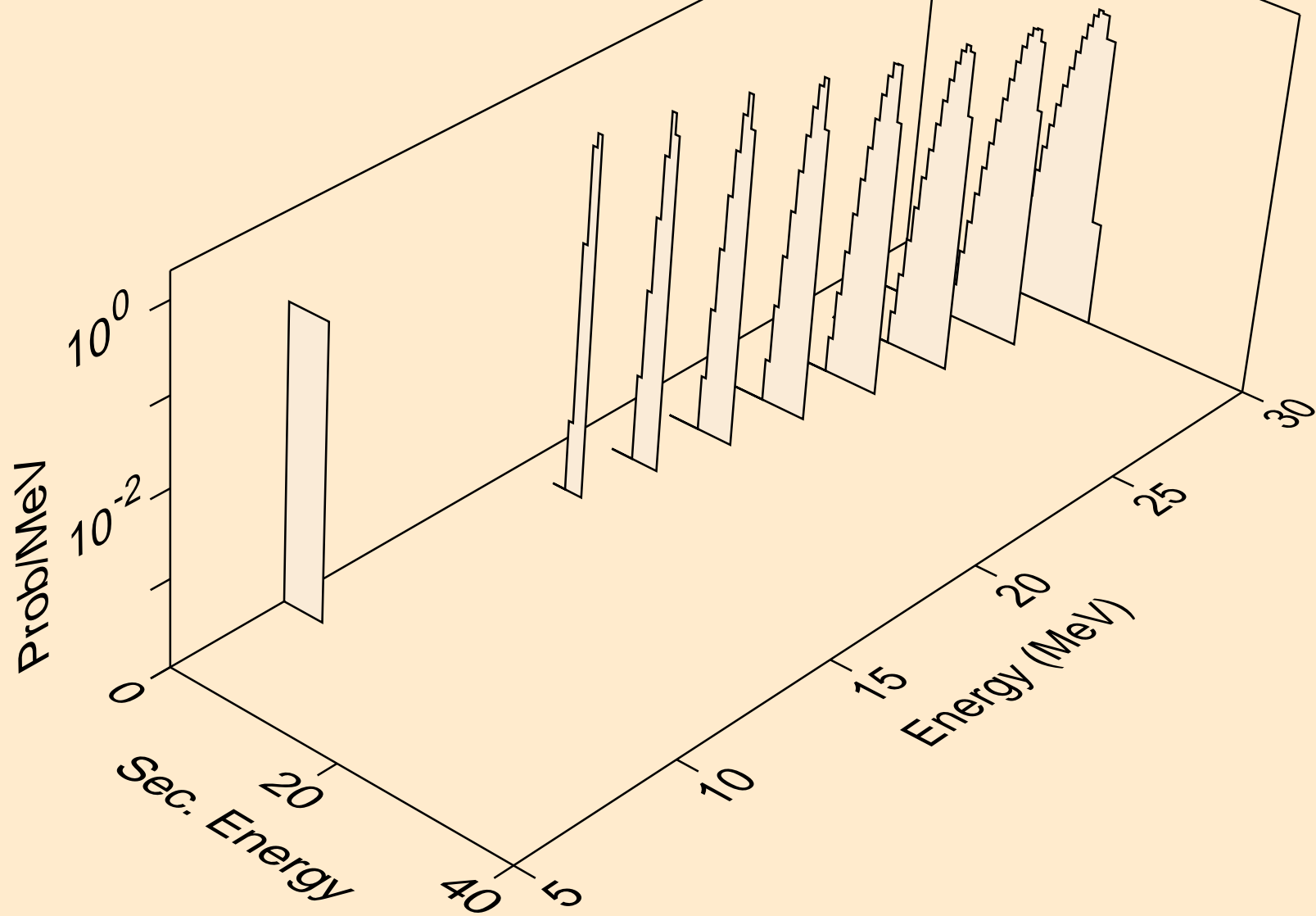
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tritons from (n,pt)



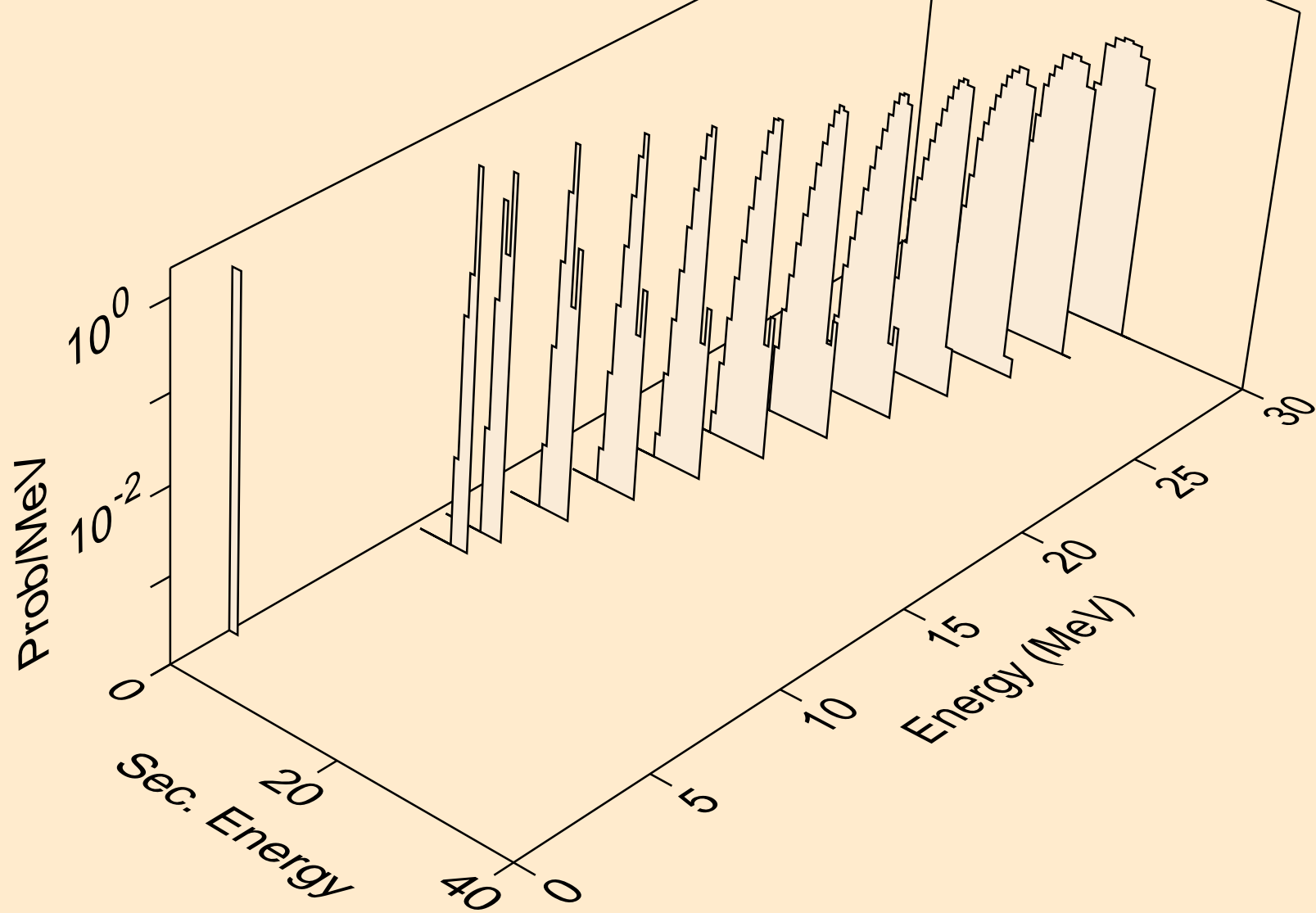
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he3s from (n,x)



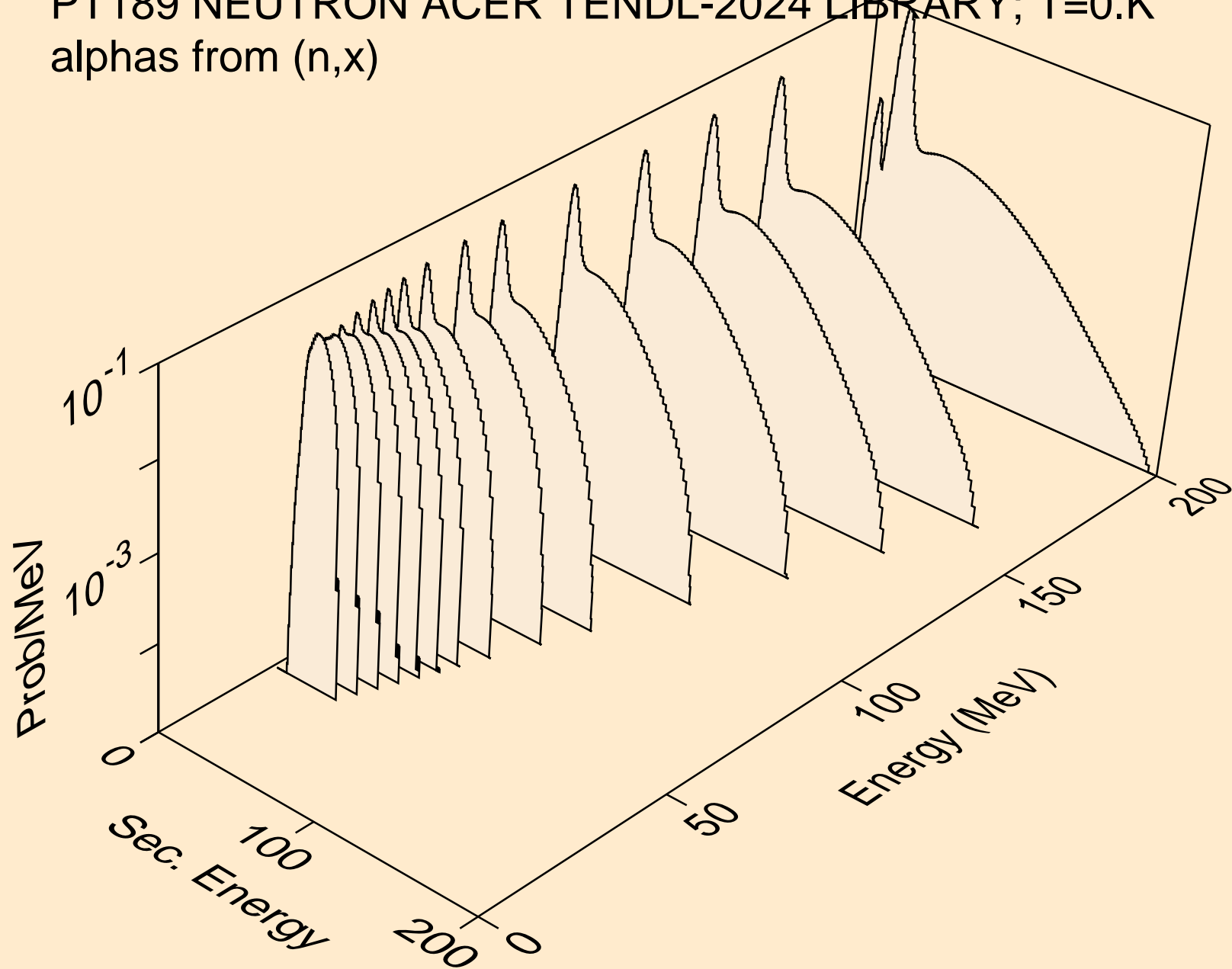
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he3s from (n,n\*)he3



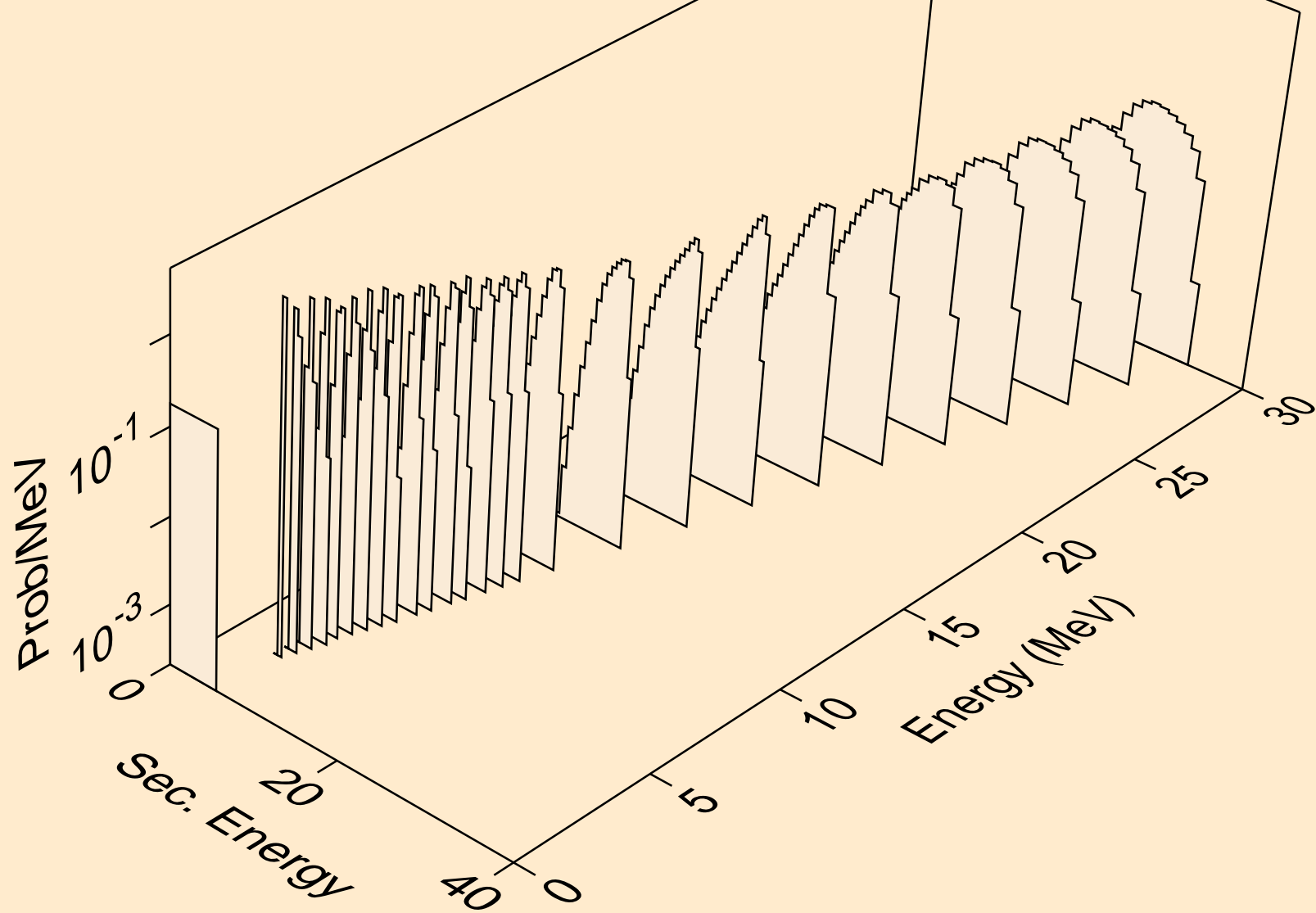
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (n,he3)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,x)

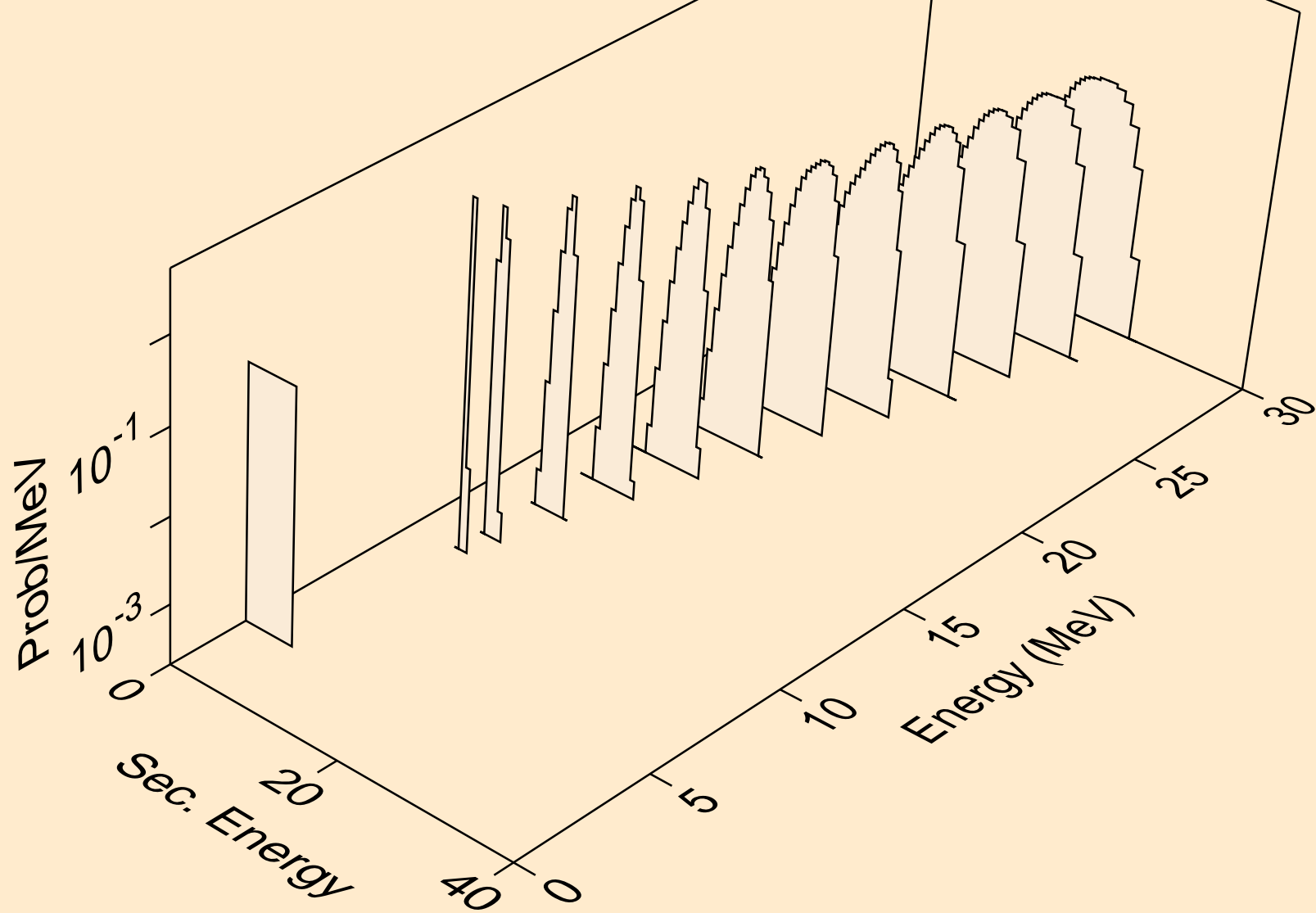


PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)a

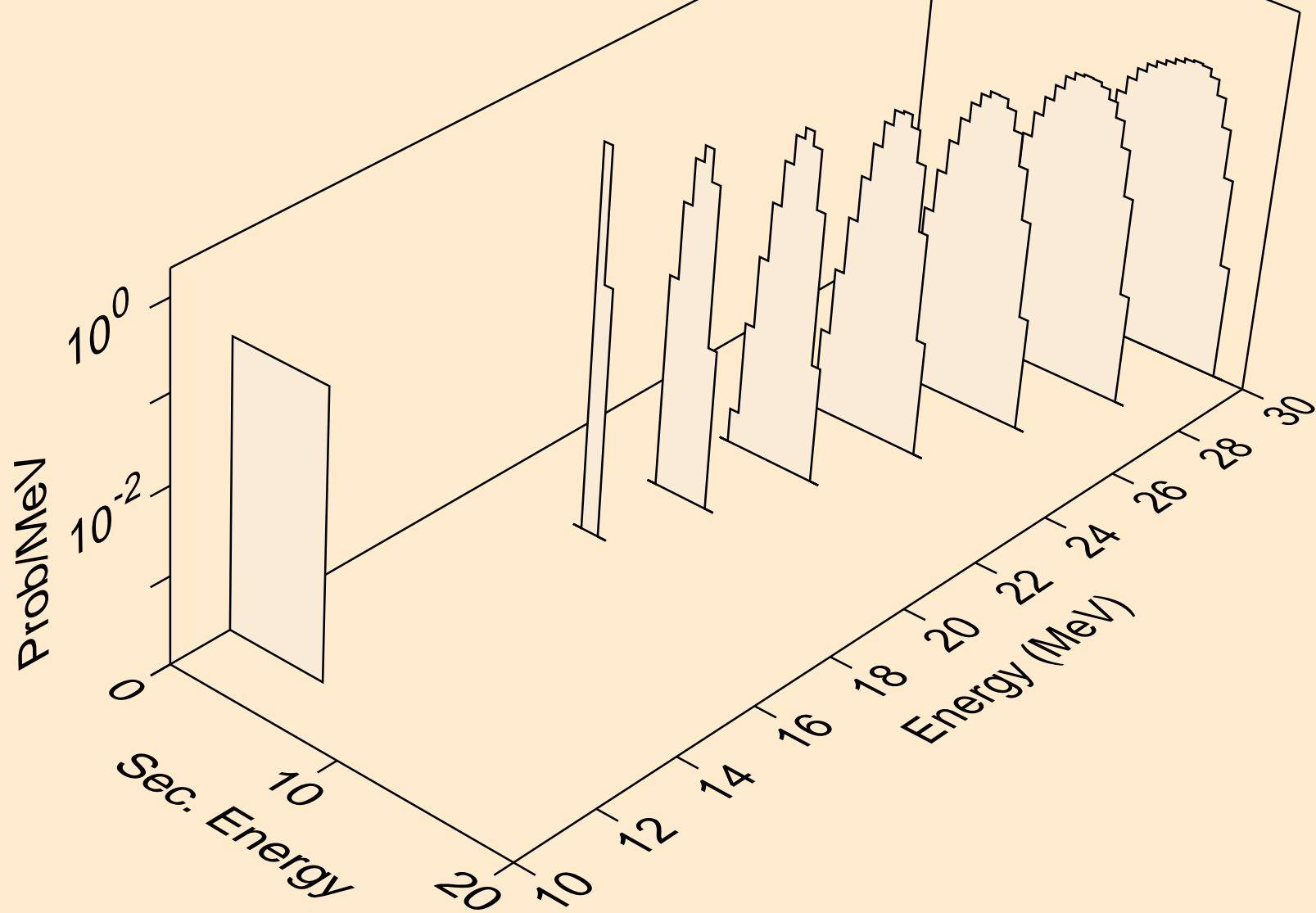




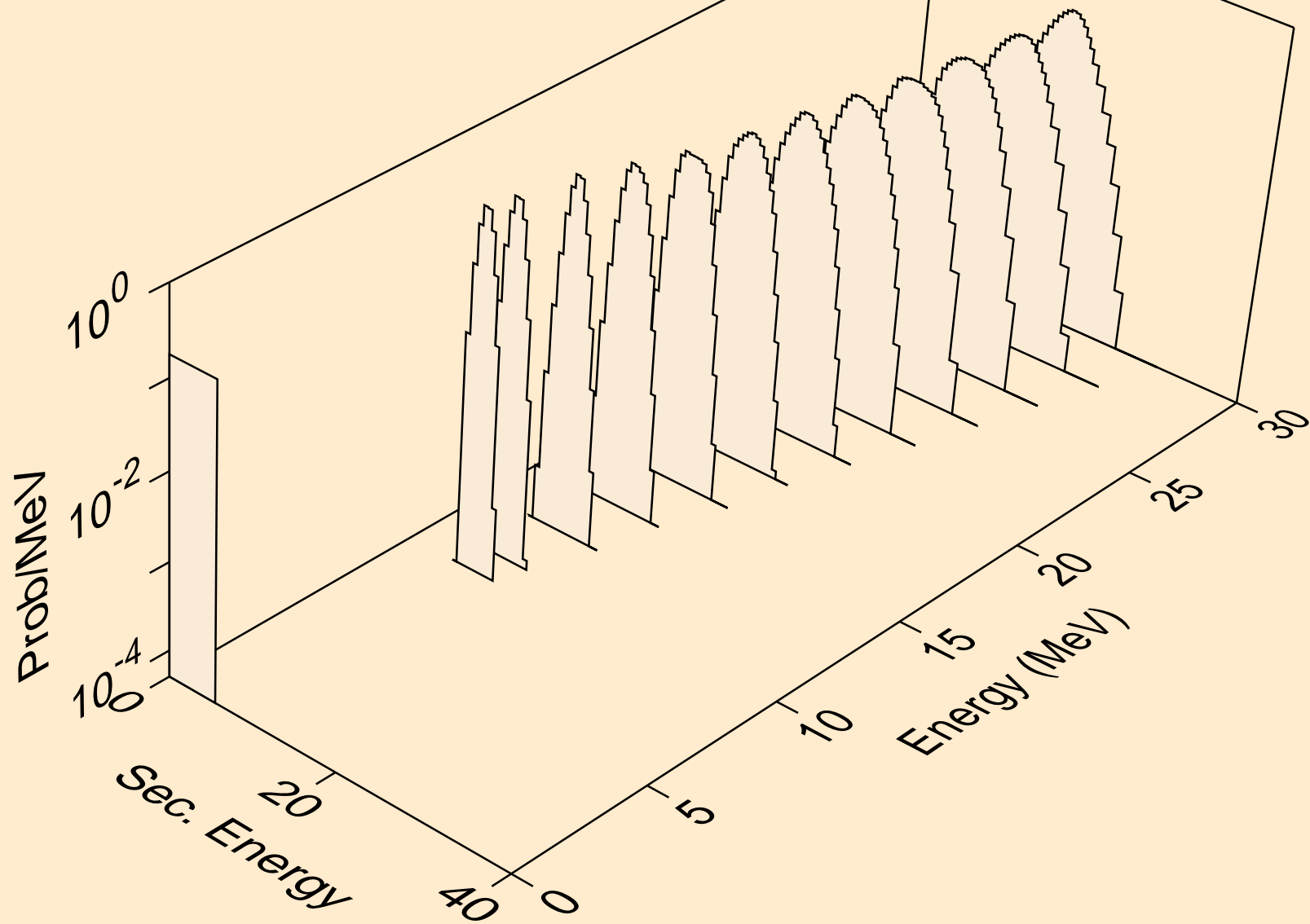
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)a



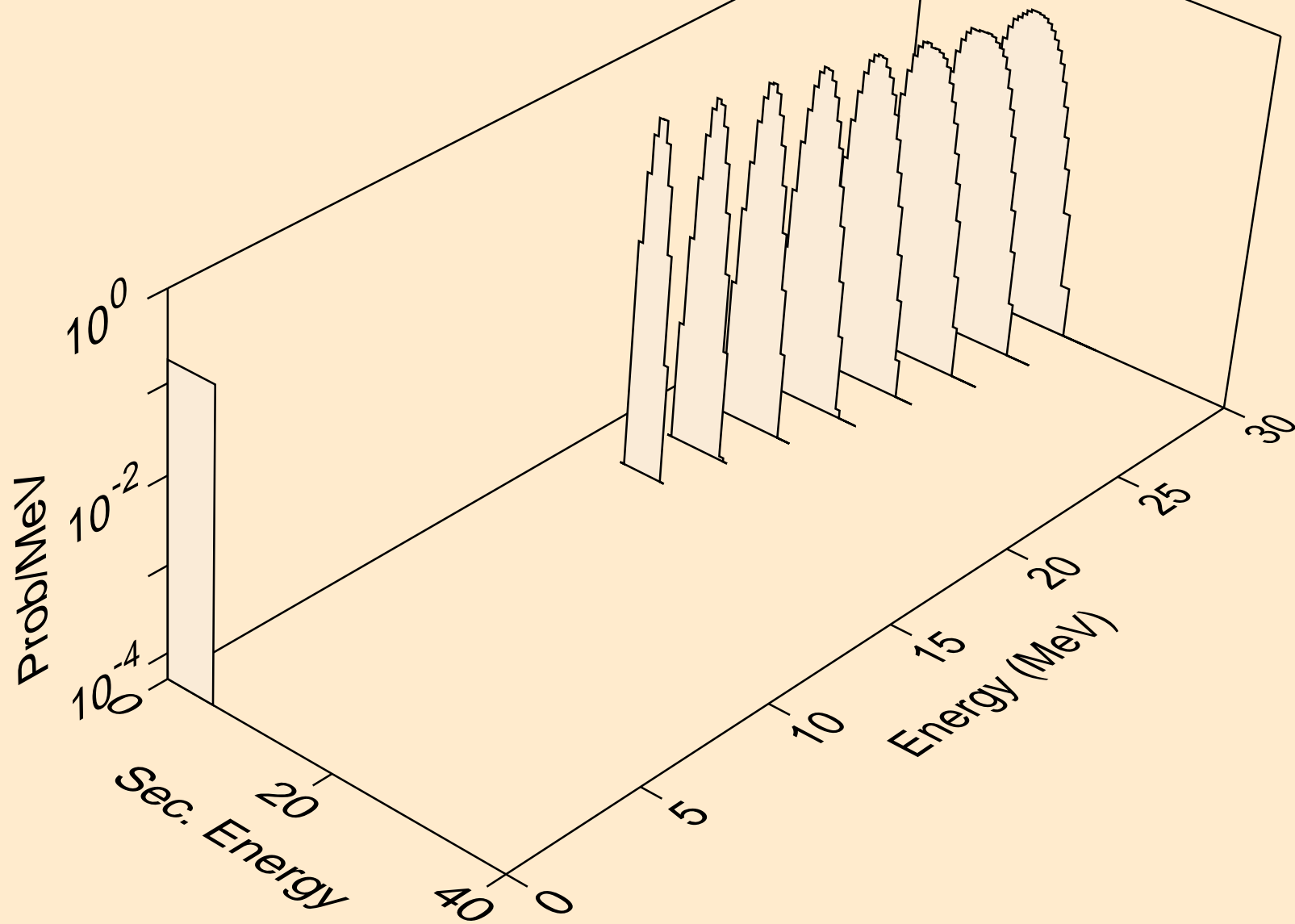
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,3n)a



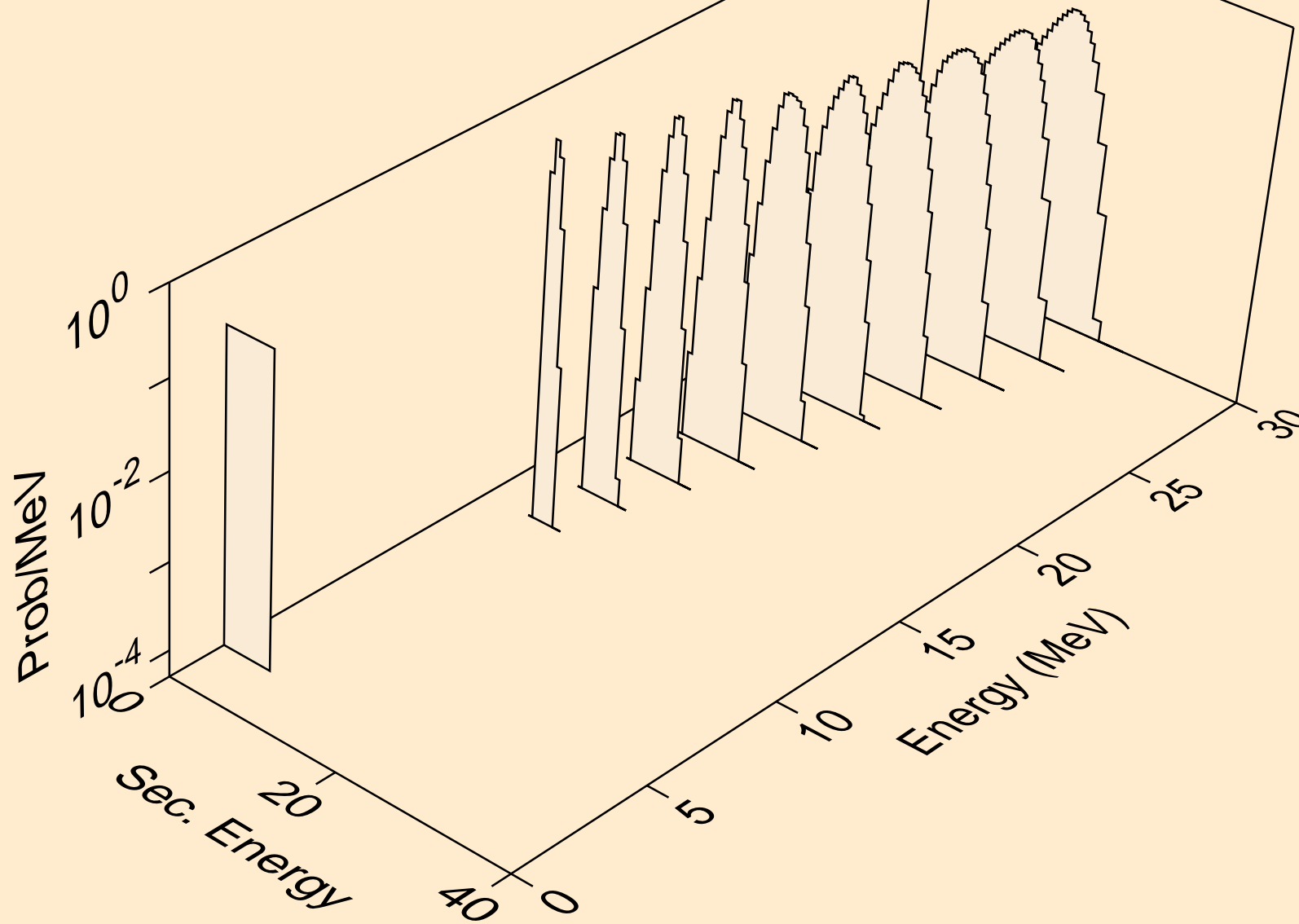
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,n\*)2a



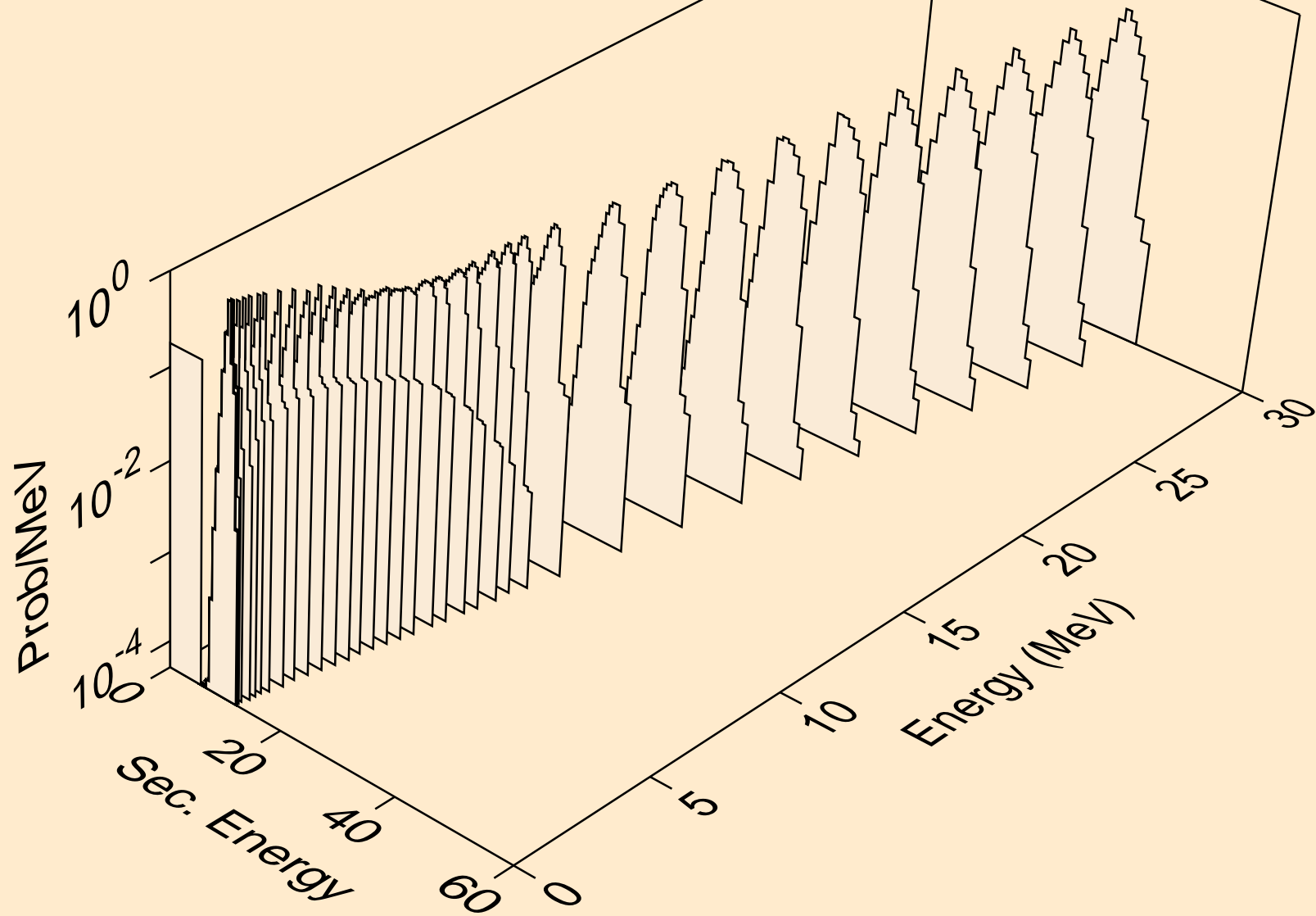
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2n)2a



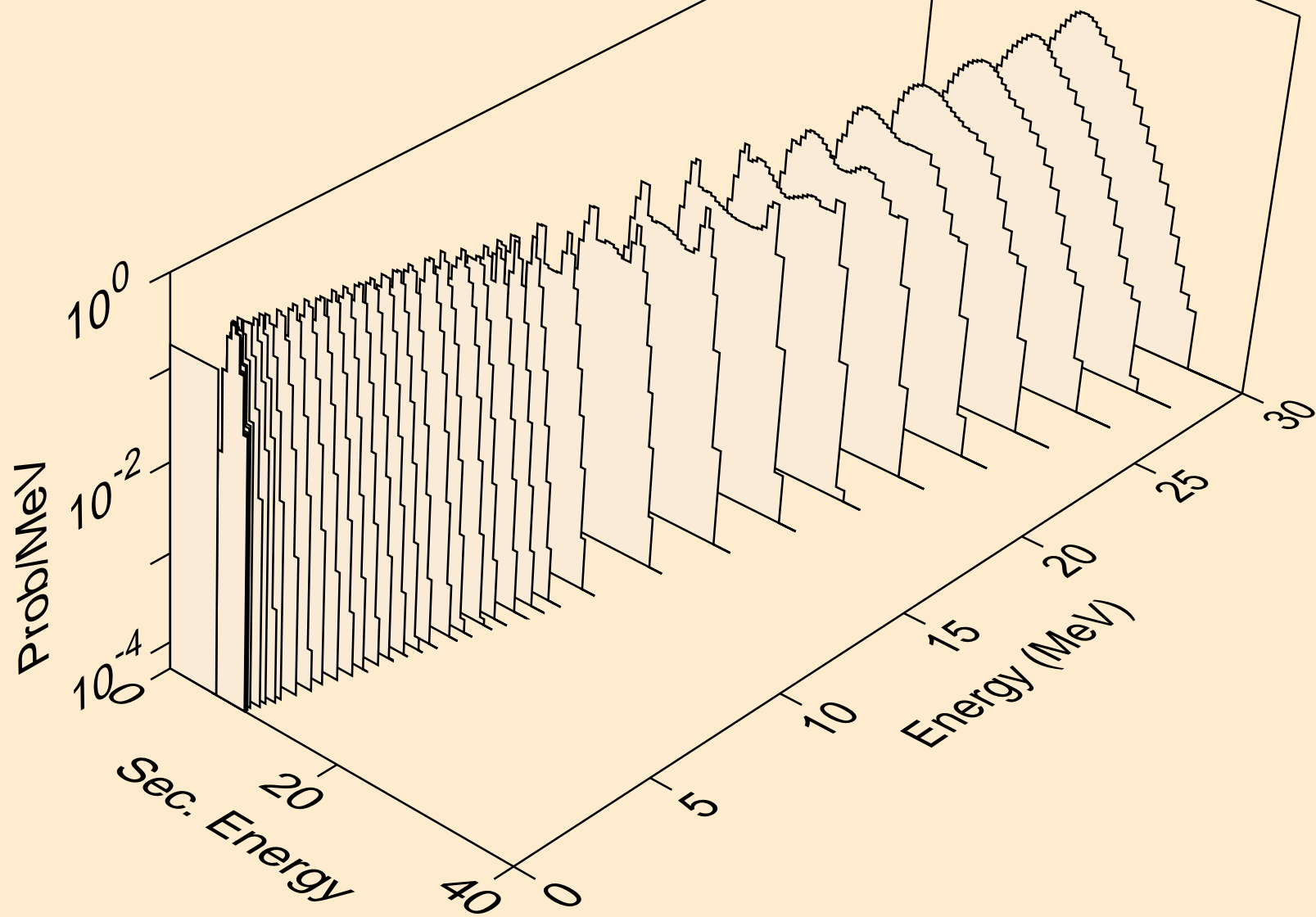
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,npa)



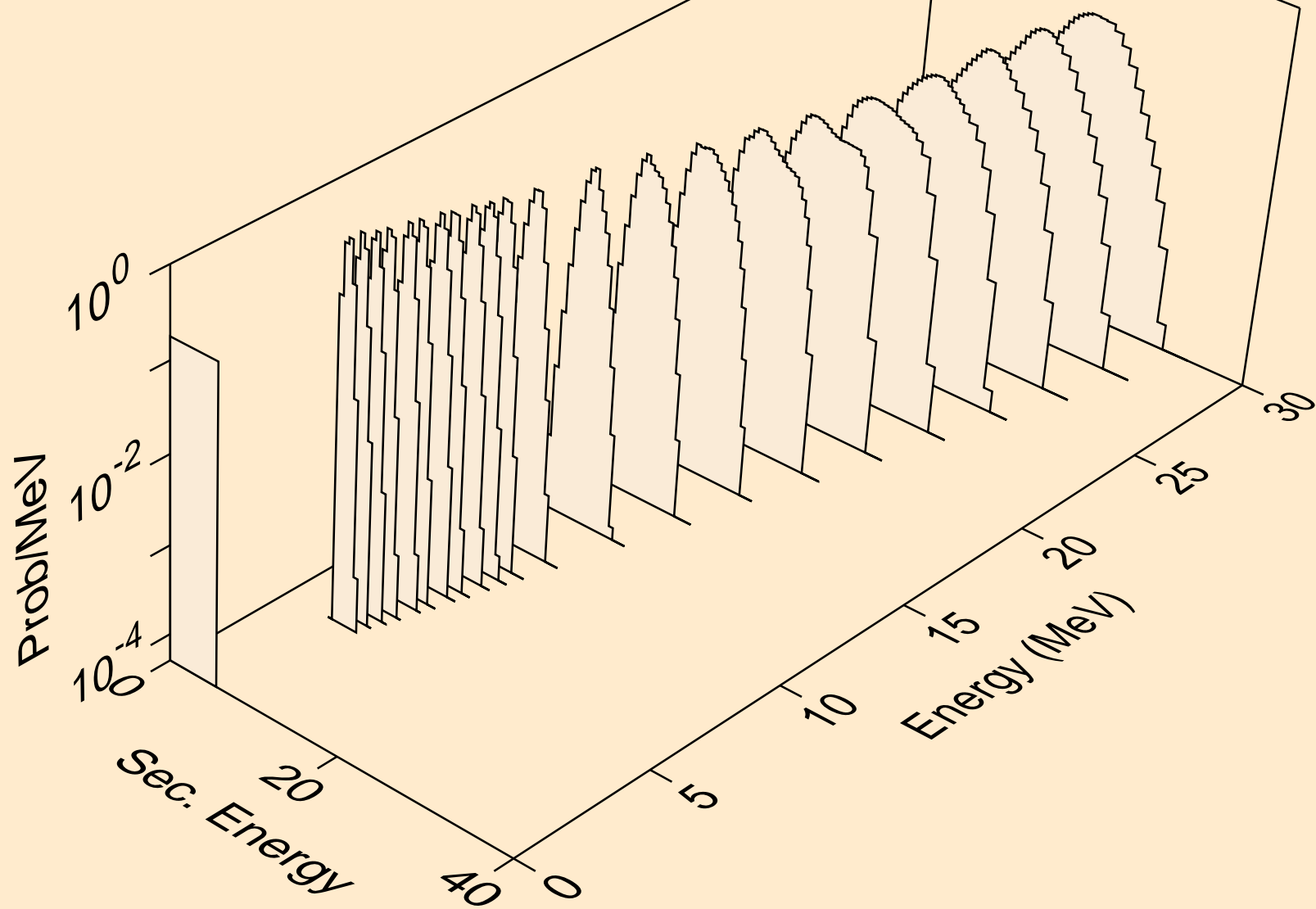
PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,a)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,2a)



PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,pa)





PT189 NEUTRON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (n,da)

